

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020632.D
 Acq On : 31 May 2019 15:57
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Quant Time: May 31 16:37:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	248970	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1149788	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	659756	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1363412	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1098343	20.00	ng	0.00
87) Perylene-d12	23.69	264	1148097	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1149440	81.21	ng	0.00
7) Phenol-d6	7.00	99	1678996	80.56	ng	0.00
23) Nitrobenzene-d5	9.00	82	1812896	81.69	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	646643	79.11	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	4044497	81.50	ng	0.00
79) Terphenyl-d14	19.84	244	5359098	81.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	236280	40.775	ng	99
3) Pyridine	3.75	79	765386	41.514	ng	99
4) n-Nitrosodimethylamine	3.67	42	318505	40.075	ng	98
6) Aniline	7.17	93	1213274	40.235	ng	99
8) 2-Chlorophenol	7.40	128	709218	40.279	ng	99
9) Benzaldehyde	6.99	77	488994	40.378	ng	99
10) Phenol	7.02	94	902623	40.190	ng	100
11) bis(2-Chloroethyl)ether	7.27	93	726352	40.581	ng	98
12) 1,3-Dichlorobenzene	7.72	146	813247	40.188	ng	98
13) 1,4-Dichlorobenzene	7.87	146	822677	39.990	ng	98
14) 1,2-Dichlorobenzene	8.19	146	804807	40.200	ng	99
15) Benzyl Alcohol	8.07	79	741691	40.229	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1097995	39.734	ng	100
17) 2-Methylphenol	8.27	107	628589	39.802	ng	99
18) Hexachloroethane	8.91	117	317529	40.314	ng	100
19) n-Nitroso-di-n-propylamine	8.65	70	666811	39.804	ng	99
20) 3+4-Methylphenols	8.60	107	861060	40.073	ng	99
22) Acetophenone	8.66	105	1174011	40.194	ng	# 98
24) Nitrobenzene	9.04	77	925101	40.835	ng	99
25) Isophorone	9.56	82	1754534	39.747	ng	99
26) 2-Nitrophenol	9.75	139	359423	42.569	ng	98
27) 2,4-Dimethylphenol	9.80	122	635661	40.177	ng	100
28) bis(2-Chloroethoxy)methane	10.05	93	1074330	40.251	ng	99
29) 2,4-Dichlorophenol	10.27	162	708242	40.461	ng	99
30) 1,2,4-Trichlorobenzene	10.49	180	808399	40.164	ng	99
31) Naphthalene	10.68	128	2378022	40.220	ng	99
32) Benzoic acid	9.95	122	387278	39.864	ng	95
33) 4-Chloroaniline	10.79	127	1097268	39.876	ng	99
34) Hexachlorobutadiene	10.96	225	480704	39.804	ng	99
35) Caprolactam	11.58	113	238747	39.261	ng	94
36) 4-Chloro-3-methylphenol	11.91	107	808907	39.747	ng	99
37) 2-Methylnaphthalene	12.29	142	1740346	39.711	ng	99
38) 1-Methylnaphthalene	12.51	142	1651329	39.572	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	873469	40.399	ng	100

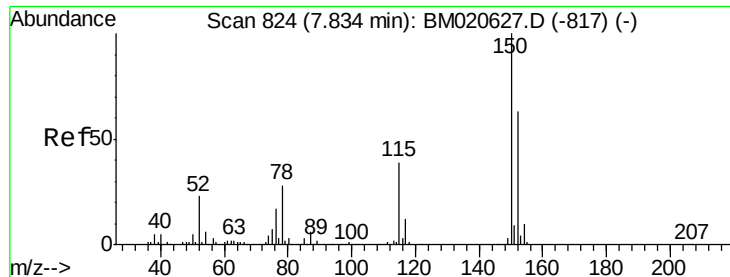
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020632.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	531285	41.087	ng	99
43) 2,4,6-Trichlorophenol	12.90	196	579432	41.635	ng	97
44) 2,4,5-Trichlorophenol	12.96	196	594229	41.359	ng	98
46) 1,1'-Biphenyl	13.31	154	2249247	40.821	ng	99
47) 2-Chloronaphthalene	13.35	162	1806958	40.632	ng	99
48) 2-Nitroaniline	13.56	65	584609	41.884	ng	97
49) Acenaphthylene	14.20	152	2798391	40.329	ng	99
50) Dimethylphthalate	13.94	163	2225370	39.481	ng	100
51) 2,6-Dinitrotoluene	14.06	165	463639	40.509	ng	96
52) Acenaphthene	14.54	154	1659995	40.144	ng	100
53) 3-Nitroaniline	14.39	138	518524	40.590	ng	96
54) 2,4-Dinitrophenol	14.59	184	178590	40.239	ng	97
55) Dibenzofuran	14.87	168	2544863	39.625	ng	100
56) 4-Nitrophenol	14.68	139	376532	39.998	ng	97
57) 2,4-Dinitrotoluene	14.84	165	618121	40.335	ng	100
58) Fluorene	15.52	166	2088611	39.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	502138	40.108	ng	100
60) Diethylphthalate	15.30	149	2258799	38.855	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	1099402	39.315	ng	97
62) 4-Nitroaniline	15.55	138	531326	39.217	ng	98
63) Azobenzene	15.81	77	2204964	39.563	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	242502	40.724	ng	98
66) n-Nitrosodiphenylamine	15.73	169	1791718	41.051	ng	100
67) 4-Bromophenyl-phenylether	16.42	248	652927	40.674	ng	96
68) Hexachlorobenzene	16.52	284	760945	40.595	ng	99
69) Atrazine	16.69	200	554546	42.571	ng	100
70) Pentachlorophenol	16.86	266	372433	41.647	ng	97
71) Phenanthrene	17.26	178	3112542	40.275	ng	100
72) Anthracene	17.35	178	3116384	40.289	ng	100
73) Carbazole	17.62	167	2780544	39.613	ng	99
74) Di-n-butylphthalate	18.19	149	3617189	39.697	ng	99
75) Fluoranthene	19.27	202	3321268	38.644	ng	99
77) Benzidine	19.46	184	1355337	40.724	ng	99
78) Pyrene	19.63	202	3376608	40.062	ng	100
80) Butylbenzylphthalate	20.54	149	1425562	40.022	ng	96
81) Benzo(a)anthracene	21.38	228	3064364	40.064	ng	100
82) 3,3'-Dichlorobenzidine	21.32	252	1150879	41.090	ng	98
83) Chrysene	21.43	228	2916942	40.120	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2055590	39.708	ng	100
85) Di-n-octyl phthalate	22.22	149	3334223	40.568	ng	100
86) Indeno(1,2,3-cd)pyrene	26.03	276	3360988	45.186	ng	100
88) Benzo(b)fluoranthene	23.00	252	2891062	38.099	ng	100
89) Benzo(k)fluoranthene	23.05	252	2926241	39.461	ng	99
90) Benzo(a)pyrene	23.59	252	2720203	39.521	ng	99
91) Dibenzo(a,h)anthracene	26.04	278	2795109	41.858	ng	99
92) Benzo(g,h,i)perylene	26.74	276	2625951	42.337	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

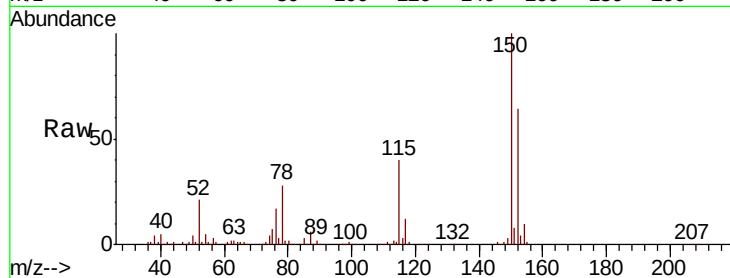


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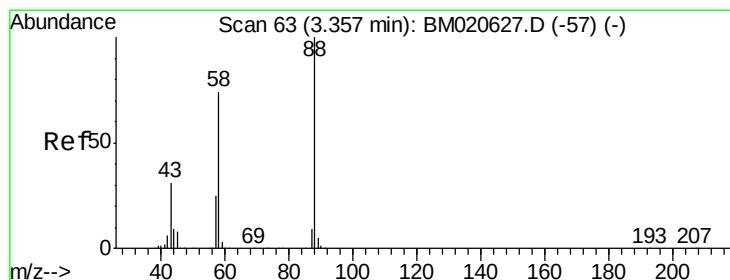
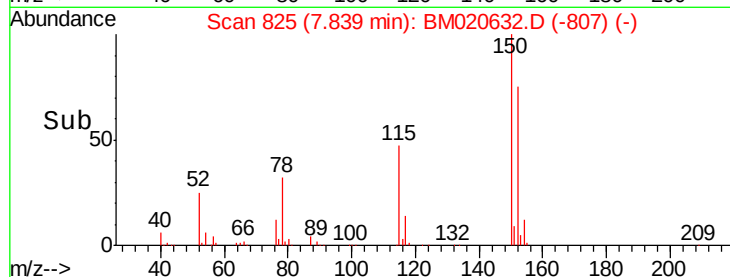
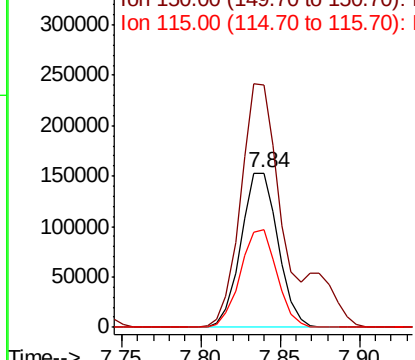
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 825
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion:152 Resp: 248970
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 63.1 49.6 74.4



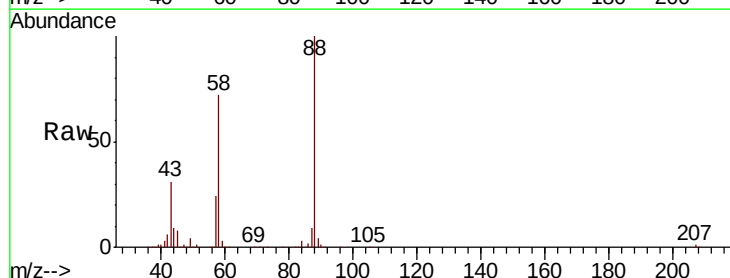
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



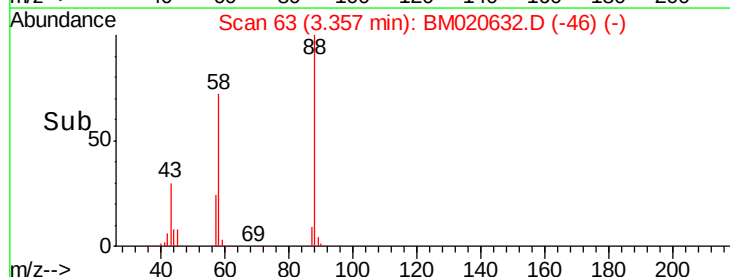
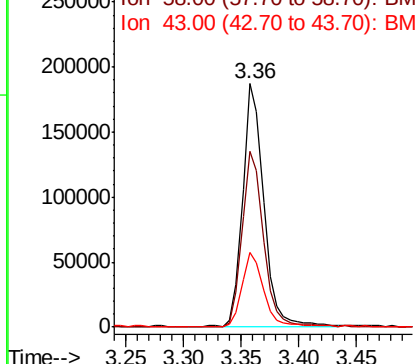
#2

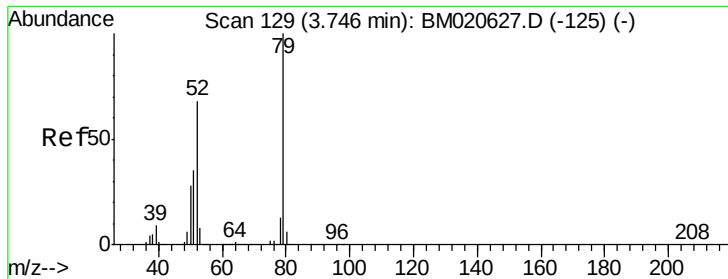
1,4-Dioxane
Concen: 40.775 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion: 88 Resp: 236280
Ion Ratio Lower Upper
88 100
58 74.0 60.2 90.4
43 31.0 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.514 ng

RT: 3.75 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

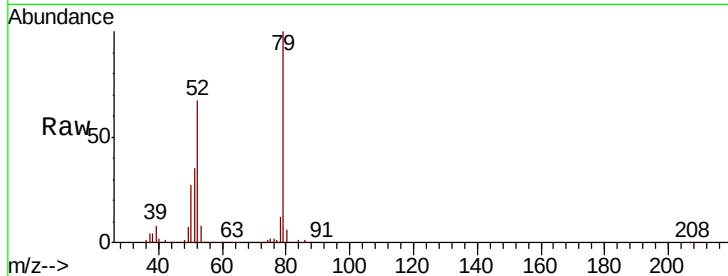
Tot Ion: 79 Resp: 765386

Ion Ratio Lower Upper

79 100

52 67.2 54.1 81.1

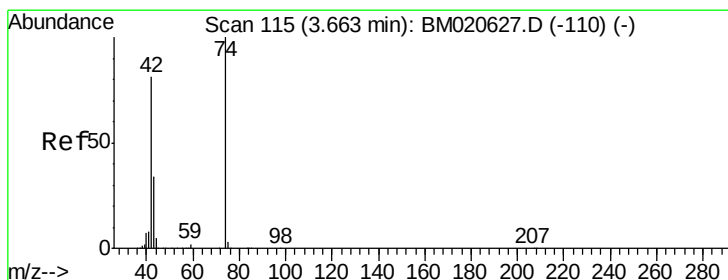
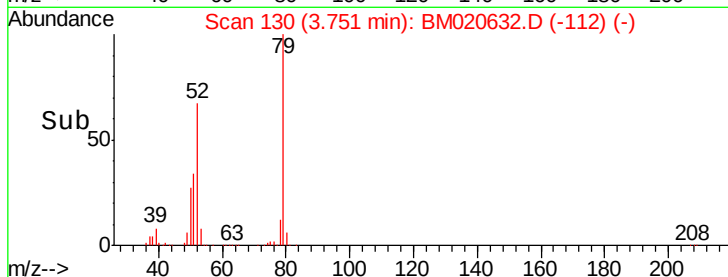
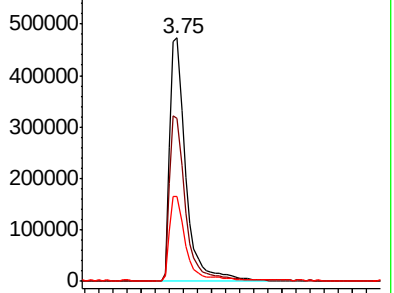
51 34.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020632.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020632.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020632.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 40.075 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

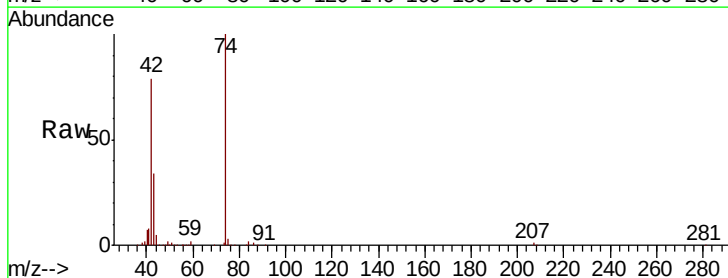
Tgt Ion: 42 Resp: 318505

Ion Ratio Lower Upper

42 100

74 126.0 99.4 149.0

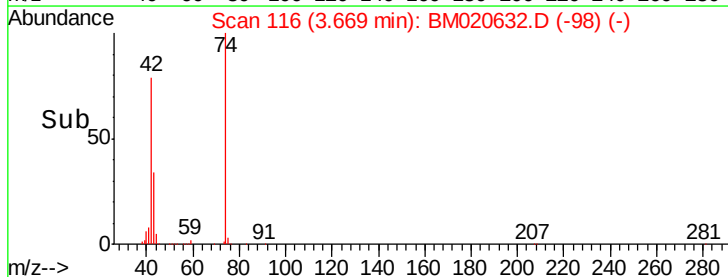
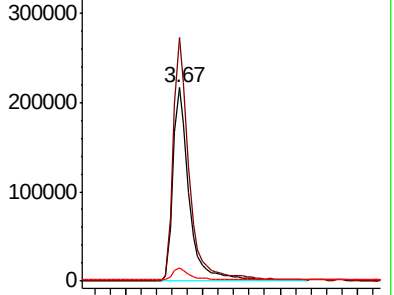
44 6.7 5.8 8.8

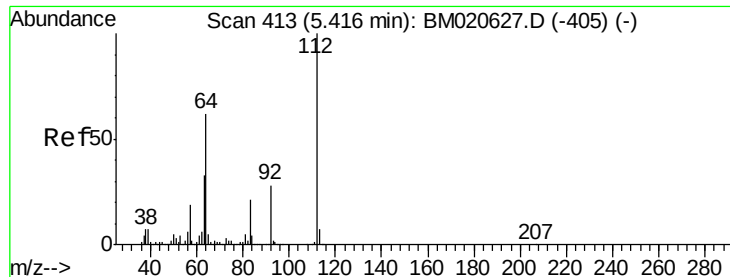


Abundance Ion 42.00 (41.70 to 42.70): BM020632.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020632.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020632.D (-110) (-)





#5

2-Fluorophenol

Concen: 81.212 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

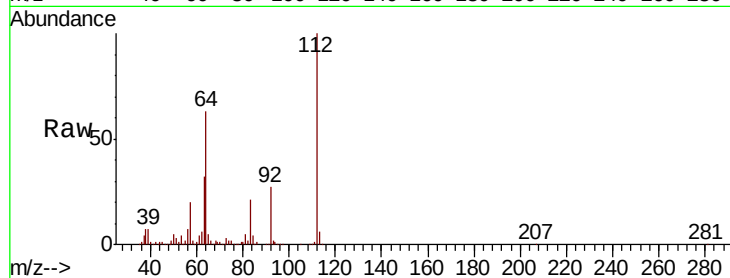
Tot Ion:112 Resp: 1149440

Ion Ratio Lower Upper

112 100

64 62.8 49.7 74.5

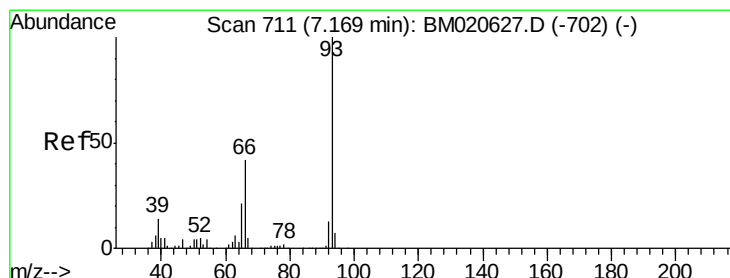
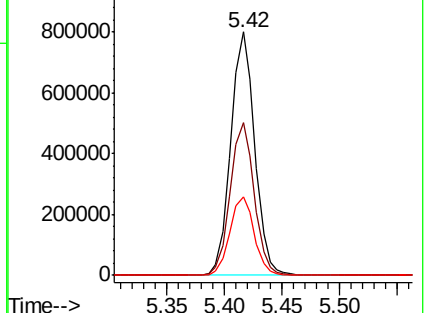
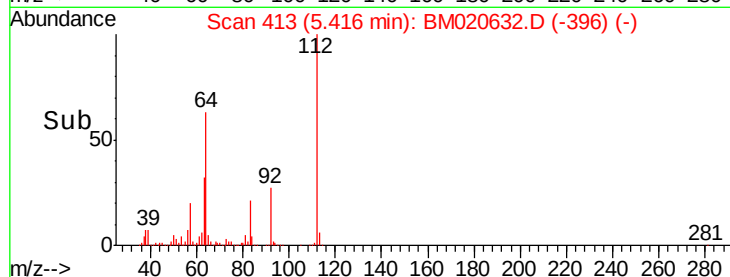
63 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.235 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

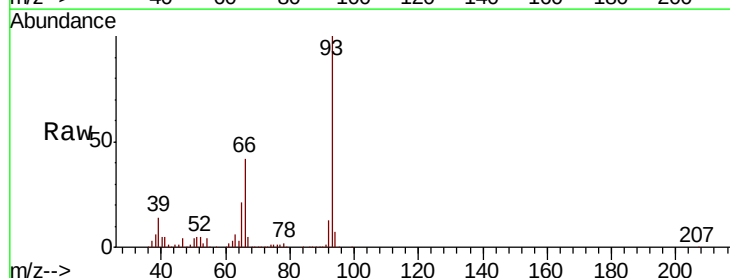
Tgt Ion: 93 Resp: 1213274

Ion Ratio Lower Upper

93 100

66 42.2 33.6 50.4

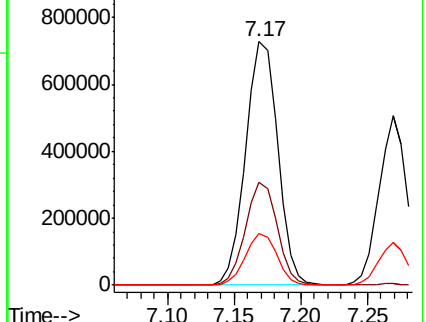
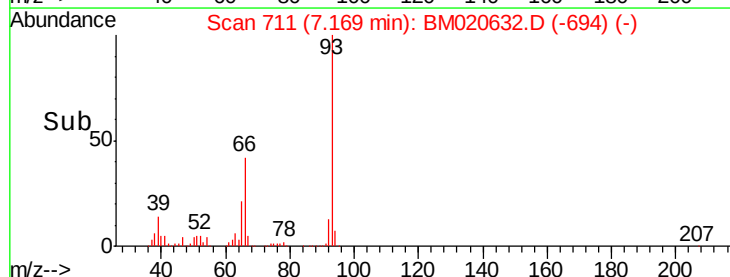
65 21.3 16.7 25.1

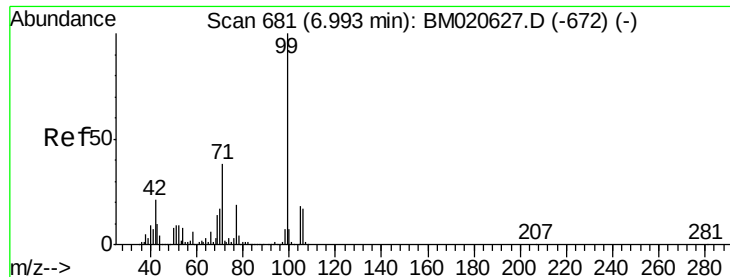


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.564 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

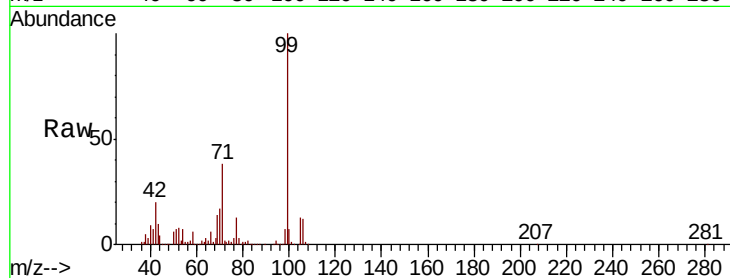
Tot Ion: 99 Resp: 1678996

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

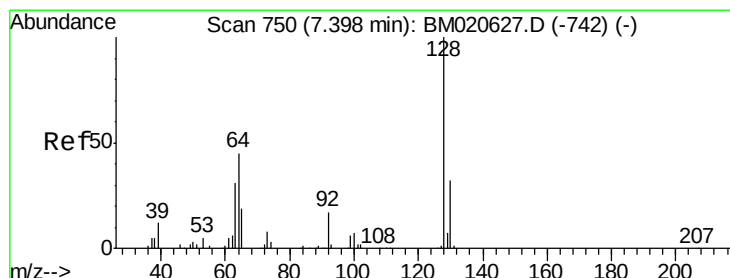
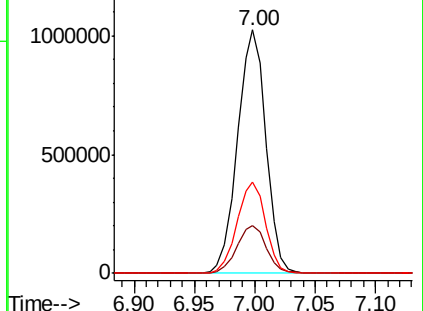
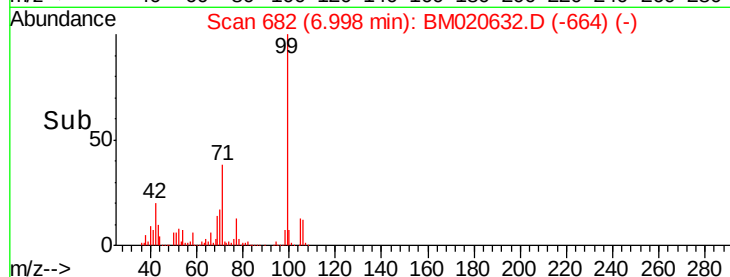
71 37.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020632.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020632.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020632.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.279 ng

RT: 7.40 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

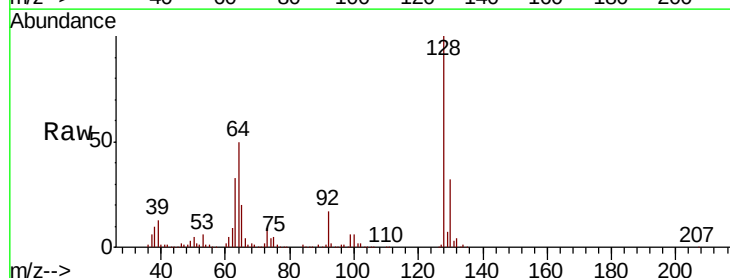
Tgt Ion: 128 Resp: 709218

Ion Ratio Lower Upper

128 100

130 31.6 12.2 52.2

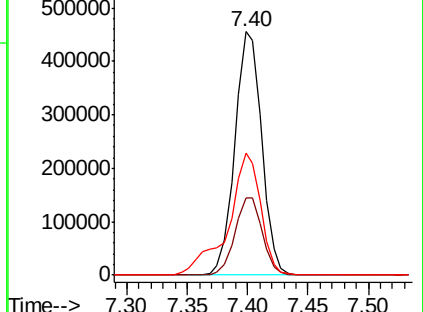
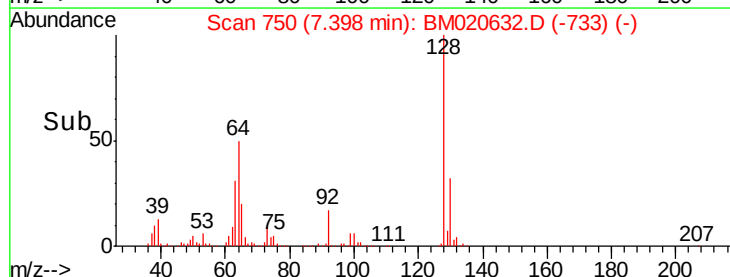
64 50.0 29.1 69.1

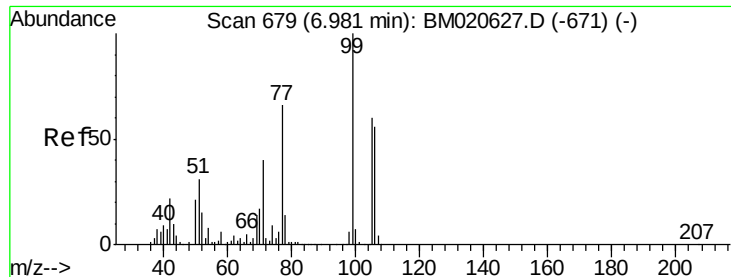


Abundance Ion 128.00 (127.70 to 128.70): BM020632.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020632.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020632.D (-733) (-)





#9

Benzaldehyde

Concen: 40.378 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

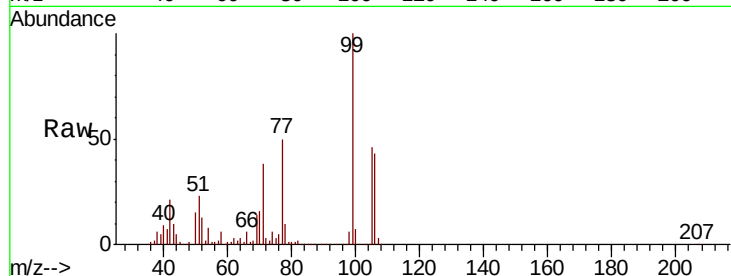
Tot Ion: 77 Resp: 488994

Ion Ratio Lower Upper

77 100

105 91.4 70.6 110.6

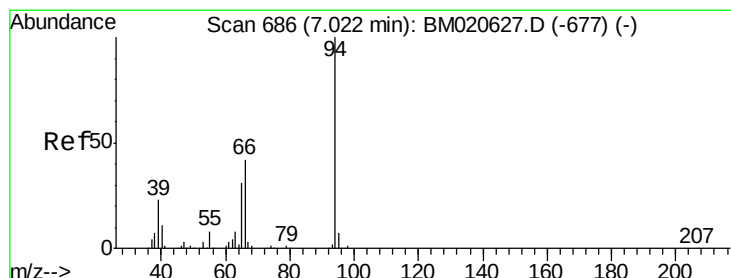
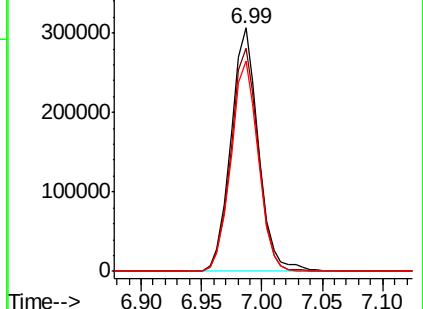
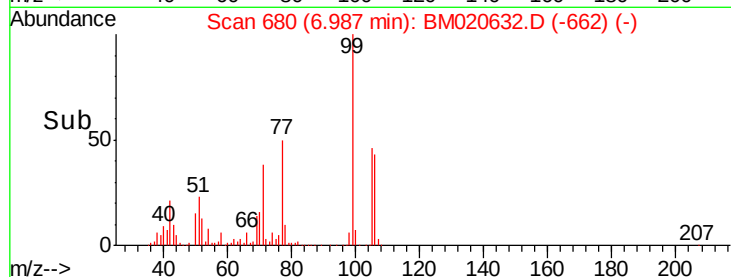
106 86.6 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020632.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020632.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020632.D (-662) (-)



#10

Phenol

Concen: 40.190 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

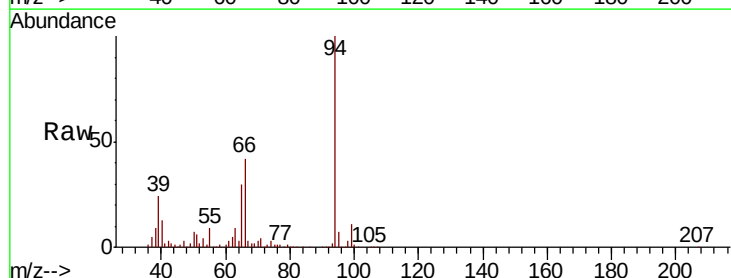
Tgt Ion: 94 Resp: 902623

Ion Ratio Lower Upper

94 100

65 30.3 10.7 50.7

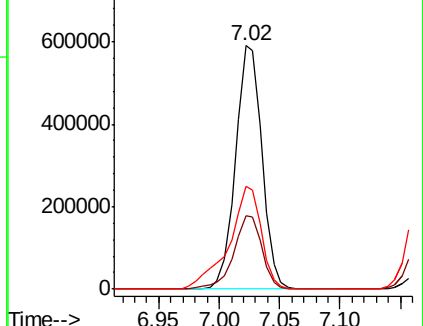
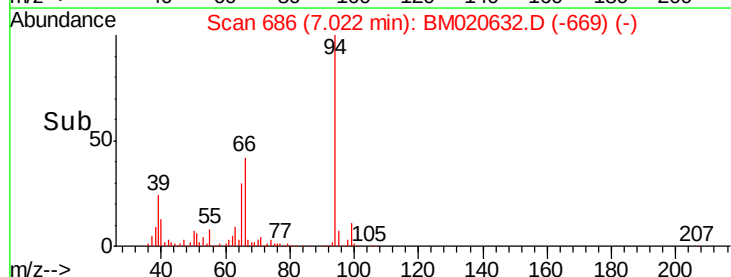
66 42.4 22.3 62.3

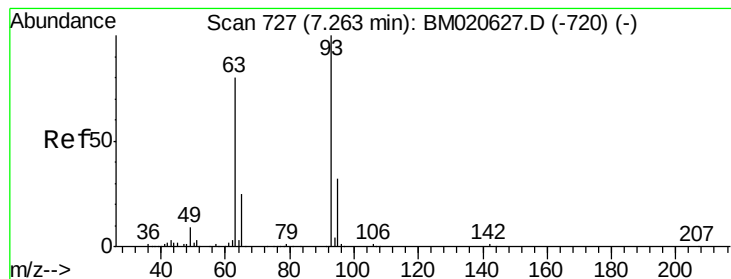


Abundance Ion 94.00 (93.70 to 94.70): BM020632.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020632.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020632.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 40.581 ng

RT: 7.27 min Scan# 728

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

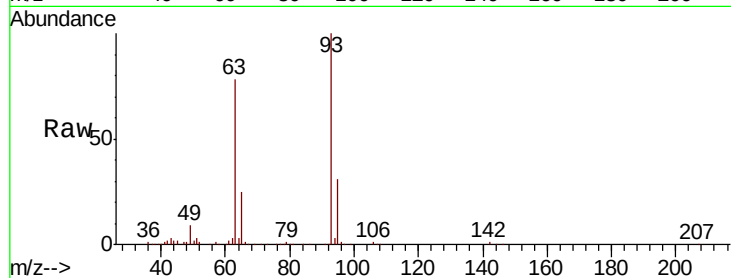
Tot Ion: 93 Resp: 726352

Ion Ratio Lower Upper

93 100

63 77.7 60.0 100.0

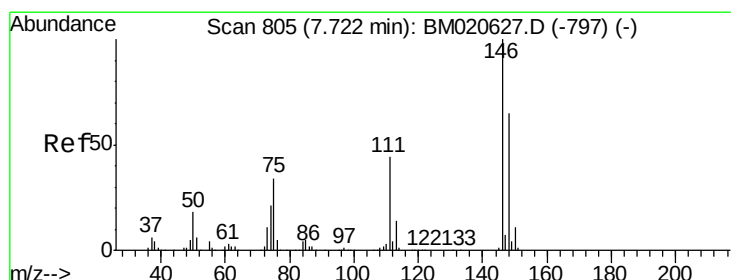
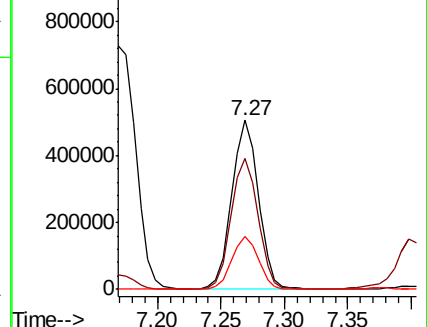
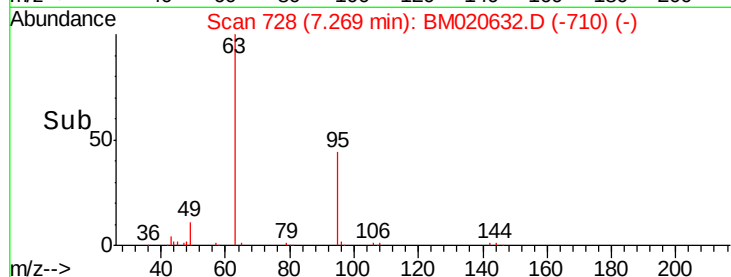
95 31.5 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BM020632.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM020632.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM020632.D (-710) (-)



#12

1,3-Dichlorobenzene

Concen: 40.188 ng

RT: 7.72 min Scan# 805

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

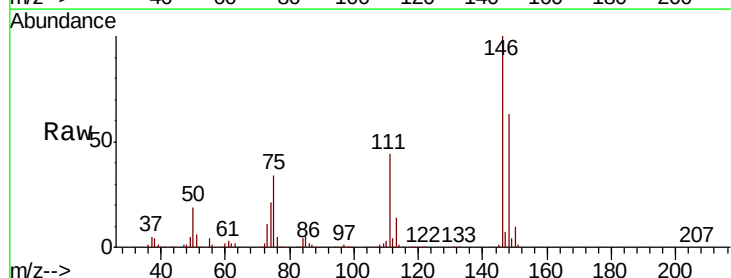
Tgt Ion: 146 Resp: 813247

Ion Ratio Lower Upper

146 100

148 63.5 52.0 78.0

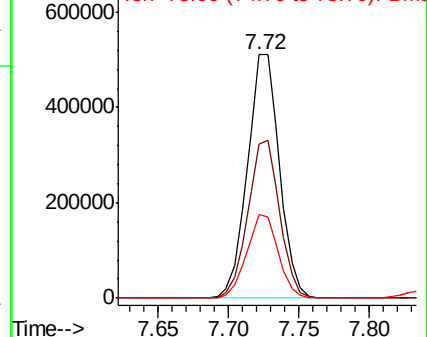
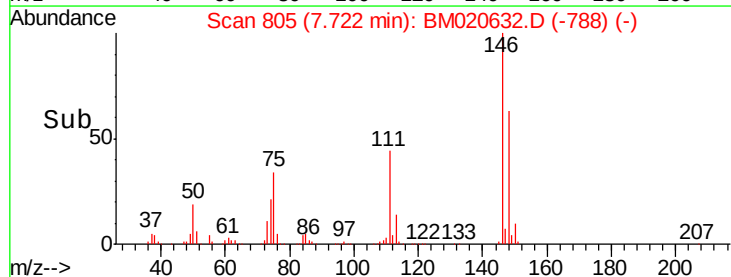
75 34.2 27.0 40.4

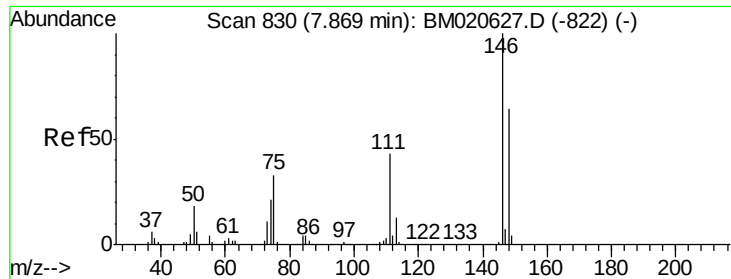


Abundance Ion 146.00 (145.70 to 146.70): BM020632.D (-788) (-)

Ion 148.00 (147.70 to 148.70): BM020632.D (-788) (-)

Ion 75.00 (74.70 to 75.70): BM020632.D (-788) (-)

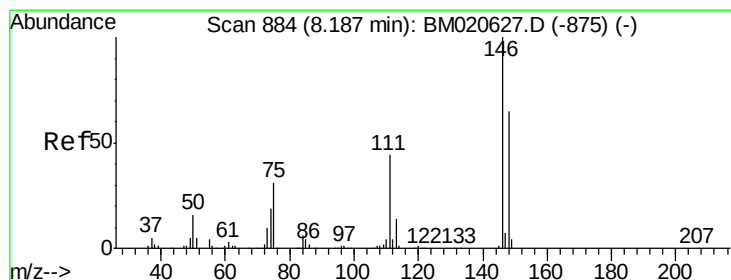
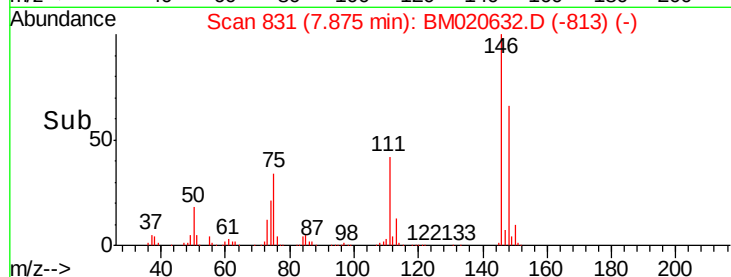
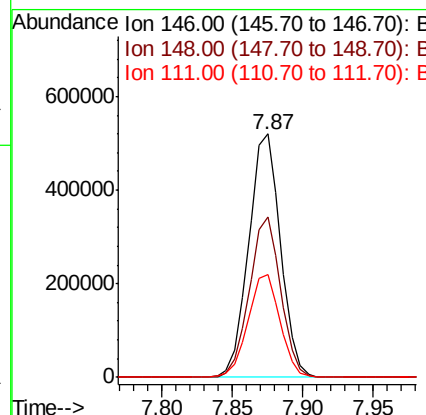
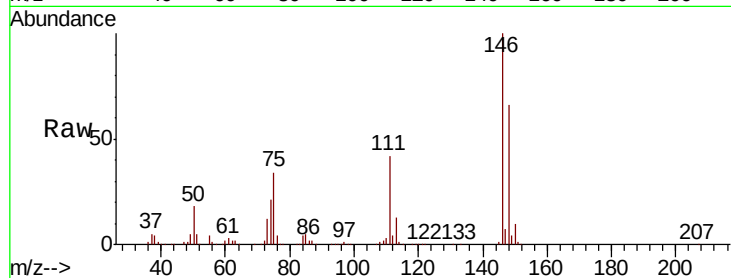




#13
 1,4-Dichlorobenzene
 Concen: 39.990 ng
 RT: 7.87 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

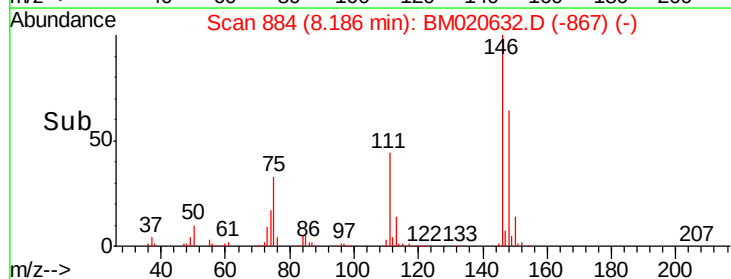
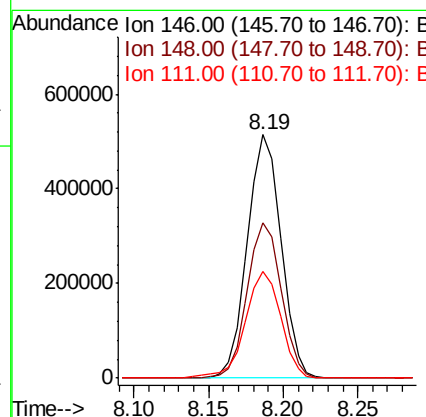
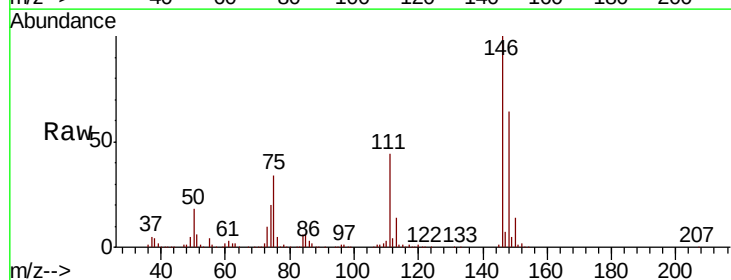
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

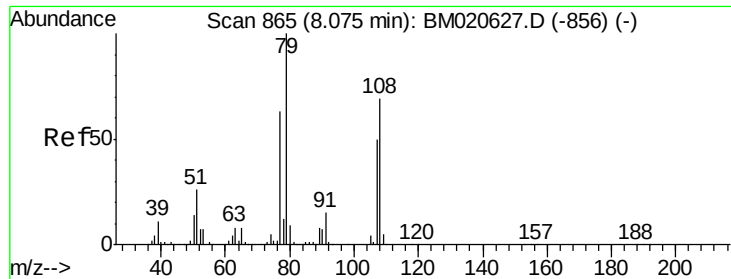
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.4
111	42.2	34.4	51.6



#14
 1,2-Dichlorobenzene
 Concen: 40.200 ng
 RT: 8.19 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
111	43.6	35.1	52.7





#15

Benzyl Alcohol

Concen: 40.229 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

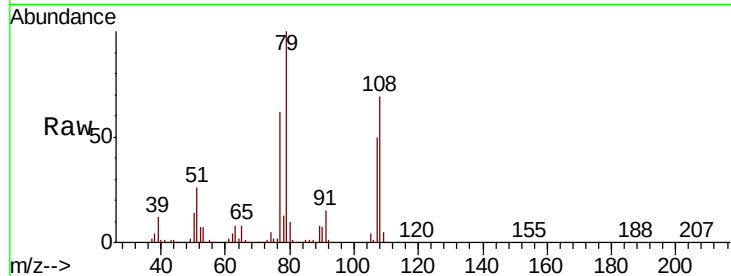
Tot Ion: 79 Resp: 741691

Ion Ratio Lower Upper

79 100

108 68.7 54.9 82.3

77 62.5 50.2 75.4

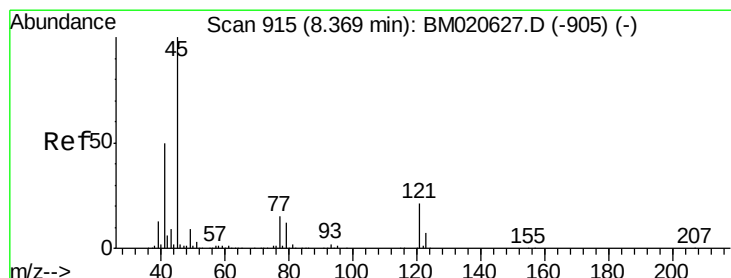
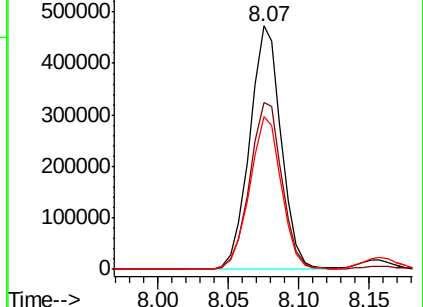
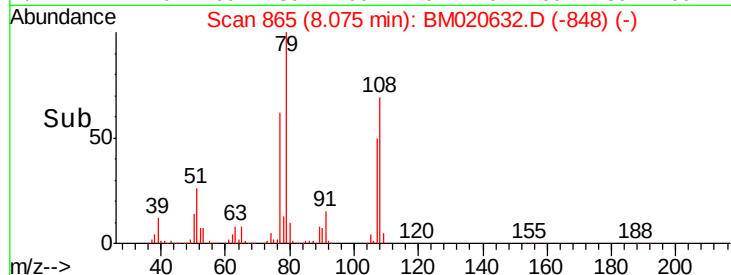


Abundance Ion 79.00 (78.70 to 79.70): BM020632.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM020632.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020632.D (-848) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.734 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

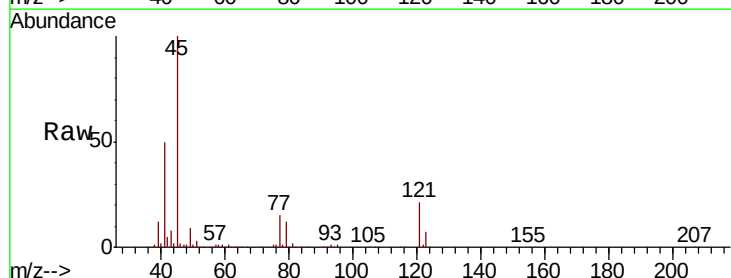
Tgt Ion: 45 Resp: 1097995

Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.9

79 11.7 0.0 31.8

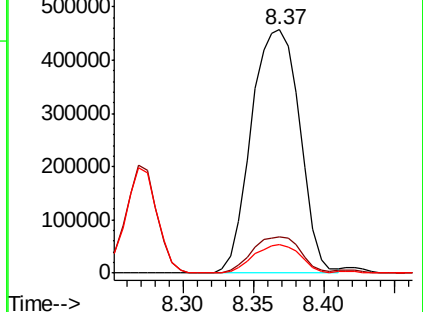
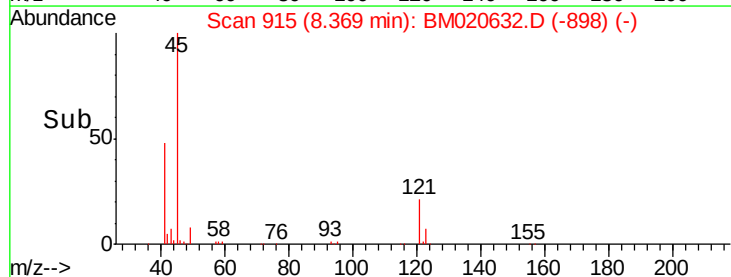


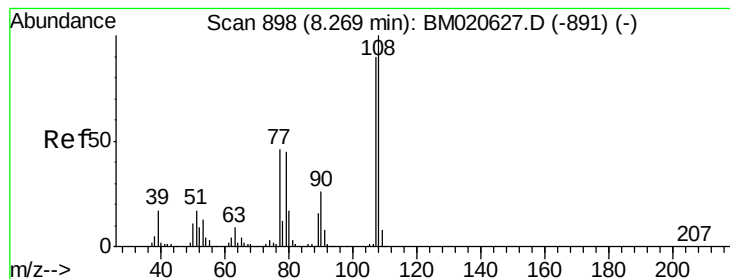
Abundance Ion 45.00 (44.70 to 45.70): BM020632.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020632.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020632.D (-898) (-)

Time-->





#17

2-Methylphenol

Concen: 39.802 ng

RT: 8.27 min Scan# 898

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

Tot Ion:107 Resp: 628589

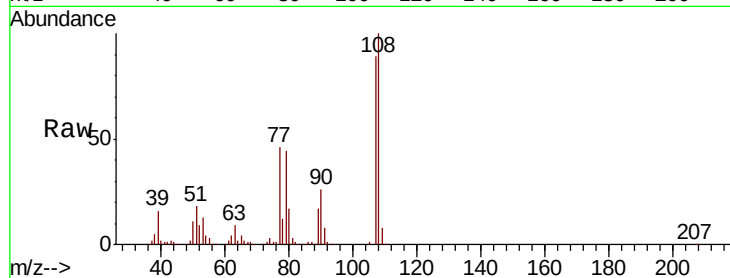
Ion Ratio Lower Upper

107 100

108 112.5 88.6 133.0

77 51.2 40.6 61.0

79 50.0 39.9 59.9

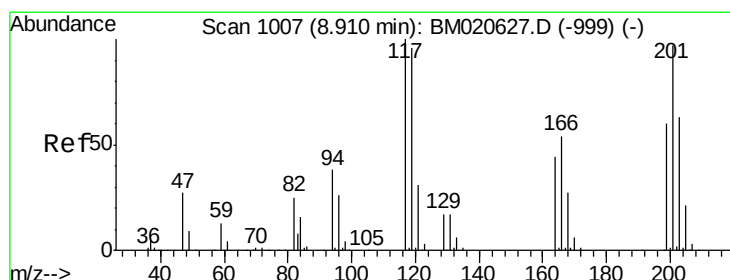
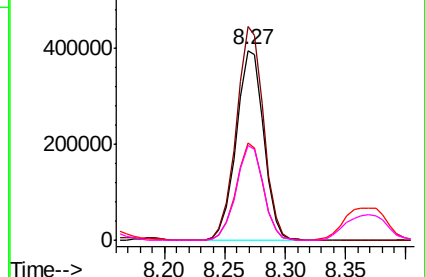
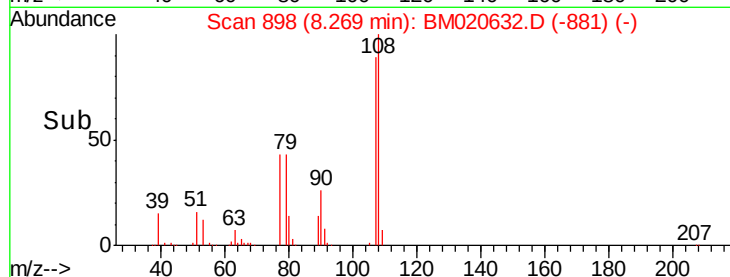


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.314 ng

RT: 8.91 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

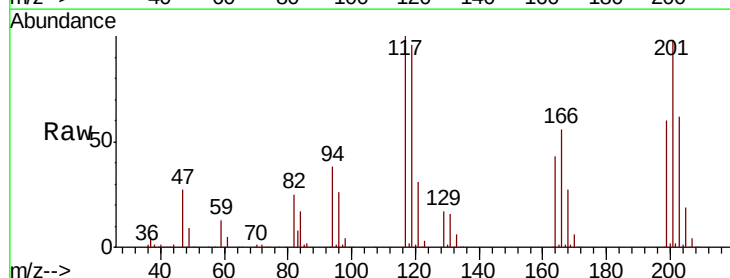
Tgt Ion:117 Resp: 317529

Ion Ratio Lower Upper

117 100

119 95.7 76.7 115.1

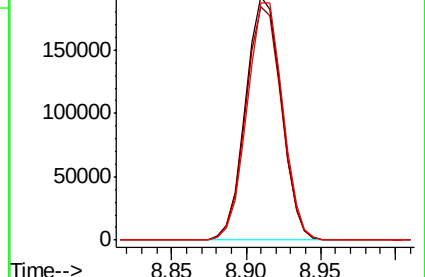
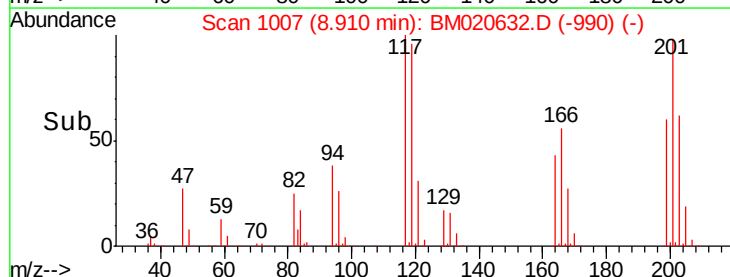
201 97.5 77.9 116.9

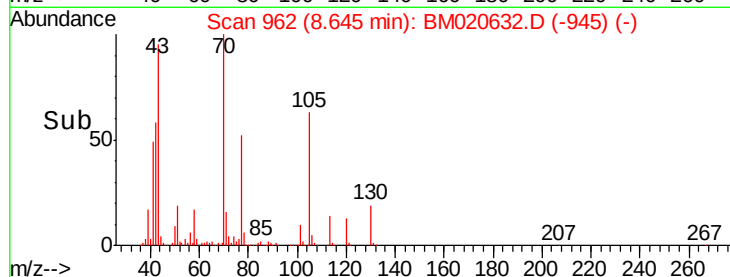
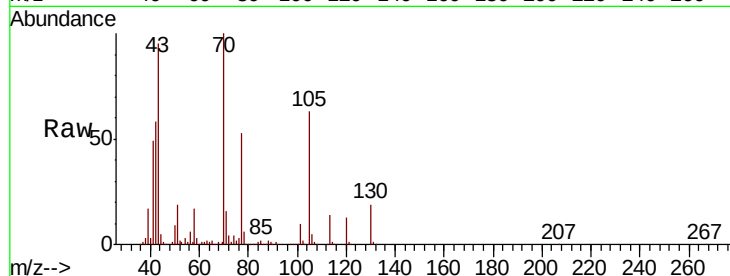
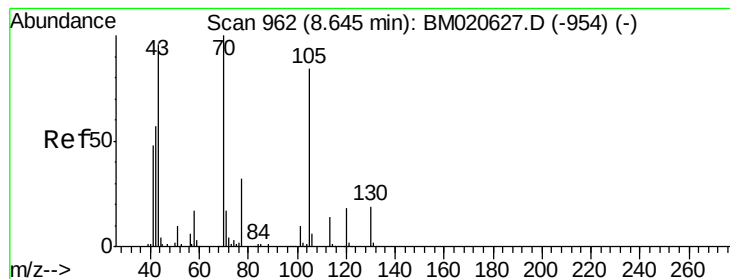


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.804 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

Tot Ion: 70 Resp: 666811

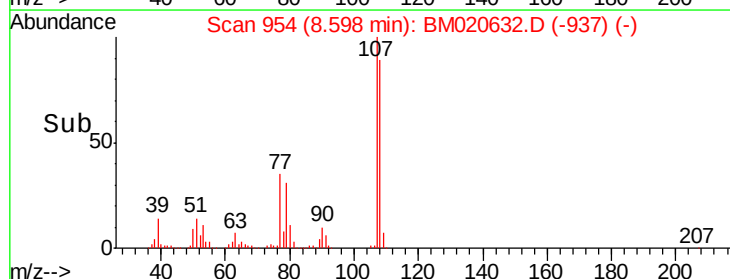
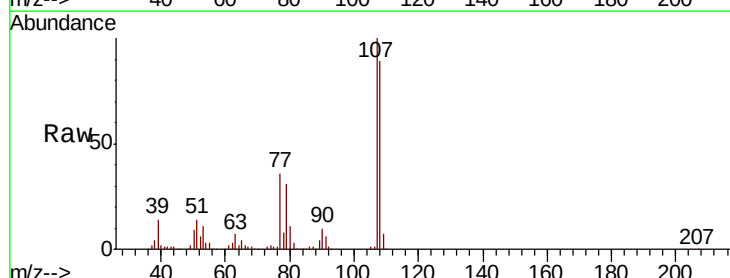
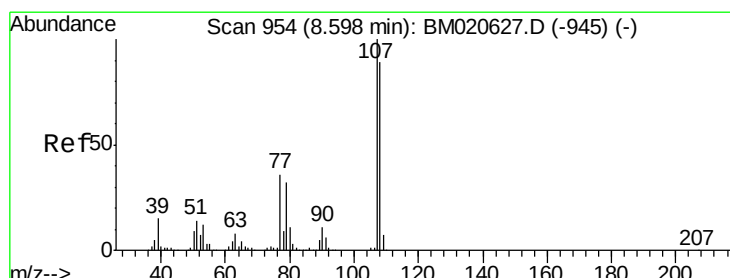
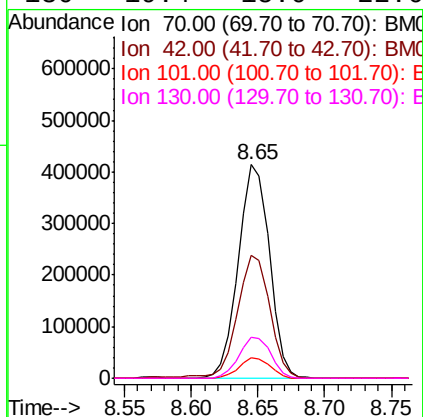
Ion Ratio Lower Upper

70 100

42 57.6 46.8 70.2

101 9.6 7.8 11.6

130 19.4 15.0 22.6



#20

3+4-Methylphenols

Concen: 40.073 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Tgt Ion:107 Resp: 861060

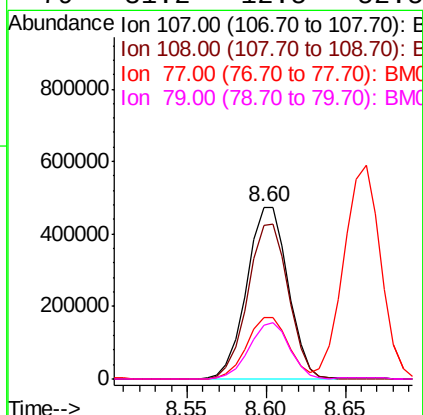
Ion Ratio Lower Upper

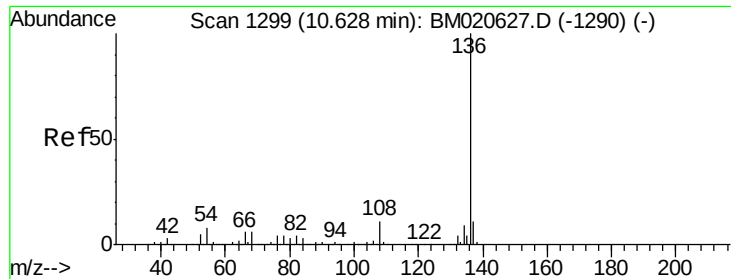
107 100

108 89.2 69.2 109.2

77 35.6 16.2 56.2

79 31.2 12.5 52.5

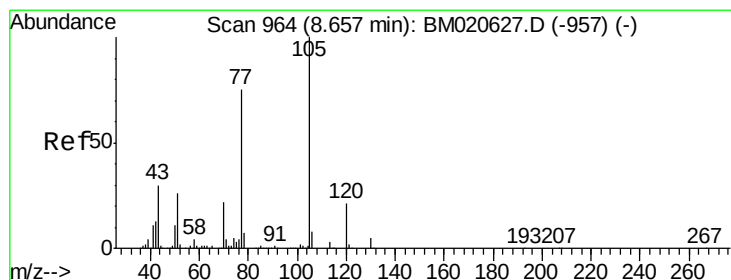
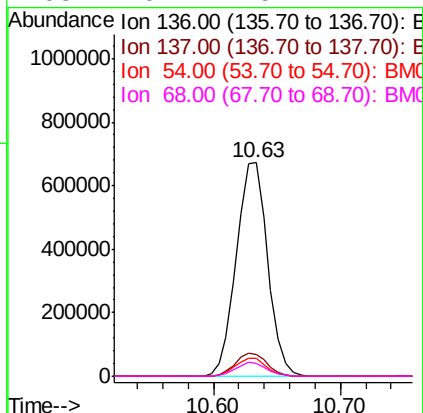
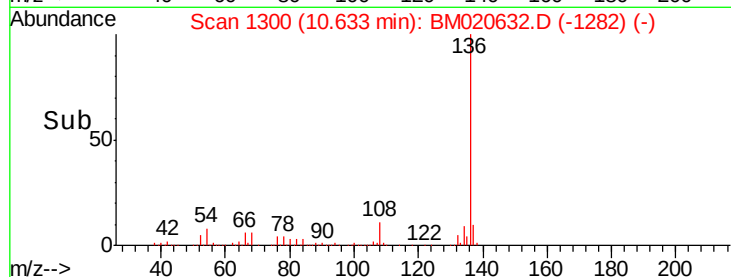
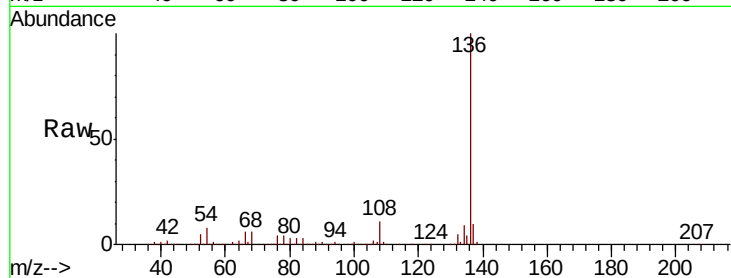




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

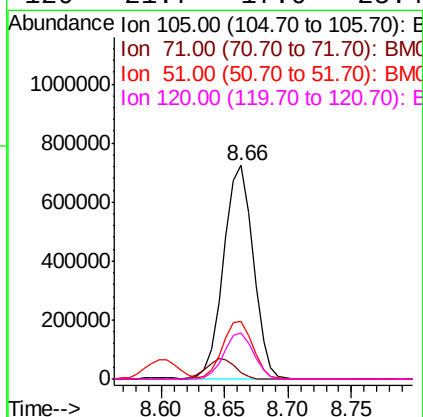
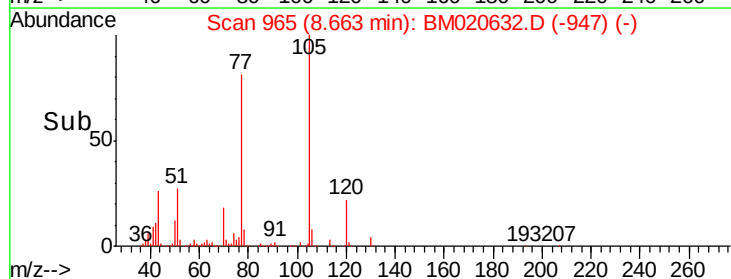
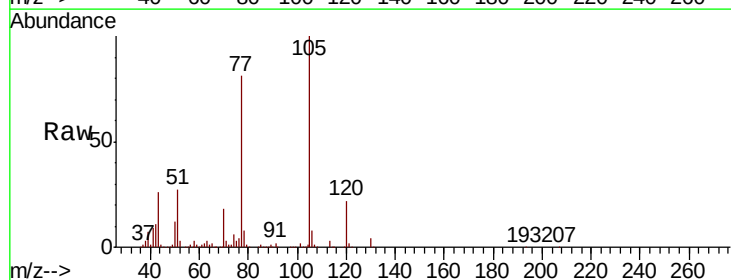
Instrument :
BNA_M
ClientSampleId :
ICVBM053119

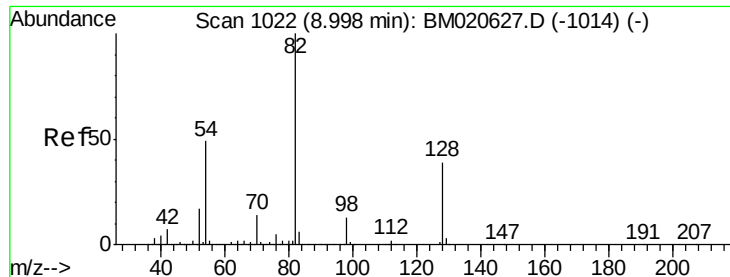
Tot Ion:136	Resp: 1149788
Ion Ratio	Lower Upper
136 100	
137 10.4	8.8 13.2
54 8.1	6.6 10.0
68 6.1	5.1 7.7



#22
Acetophenone
Concen: 40.194 ng
RT: 8.66 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt	Ion:105	Resp:	1174011
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.2	4.8#
51	27.3	22.8	34.2
120	21.7	17.0	25.4



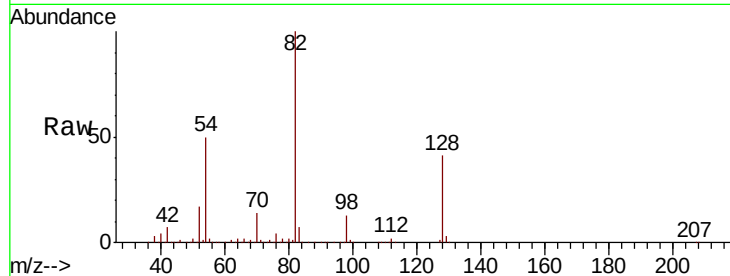


#23
 Nitrobenzene-d5
 Concen: 81.693 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

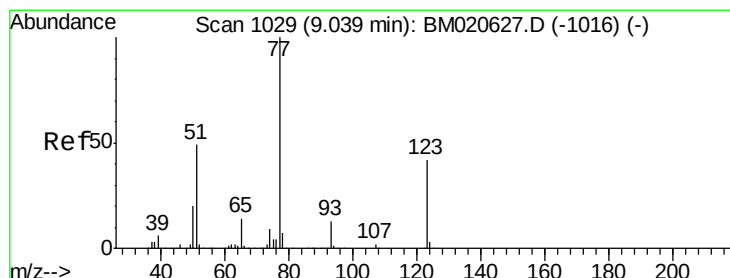
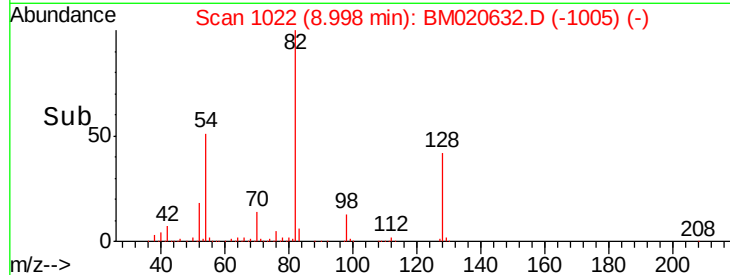
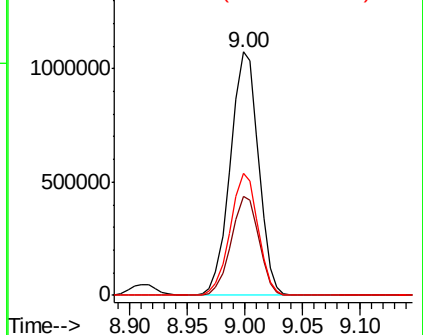
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Tot Ion: 82 Resp: 1812896

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.5	47.3
54	50.1	39.4	59.0



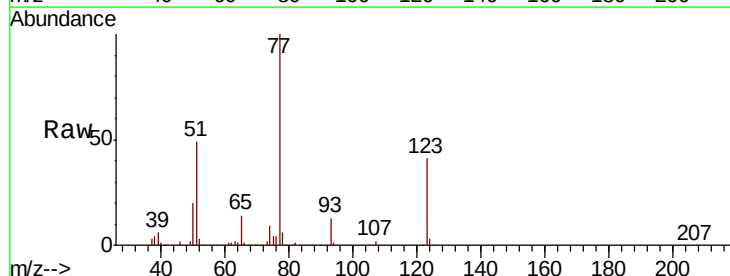
Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0



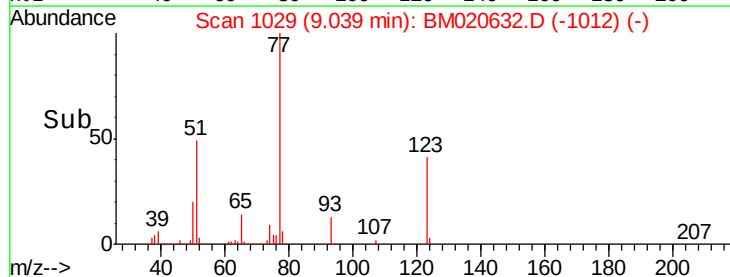
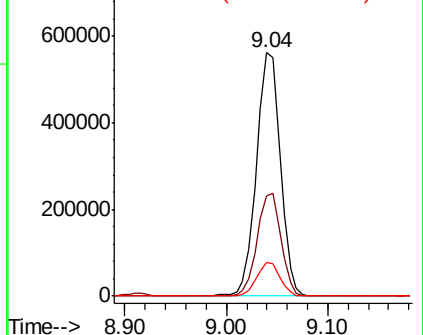
#24
 Nitrobenzene
 Concen: 40.835 ng
 RT: 9.04 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

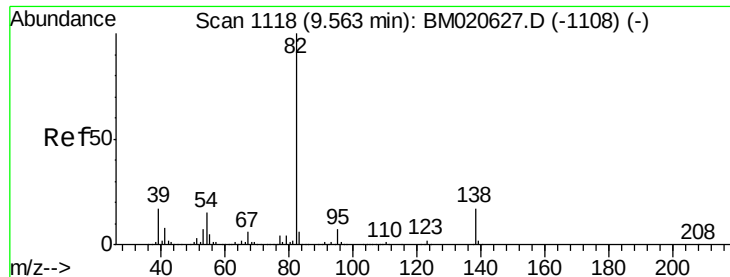
Tgt Ion: 77 Resp: 925101

Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.7	50.5
65	13.7	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 39.747 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

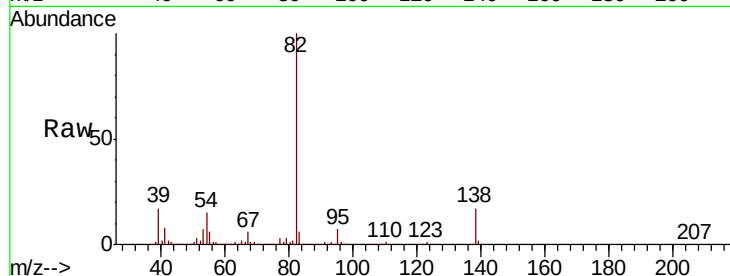
Tot Ion: 82 Resp: 1754534

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

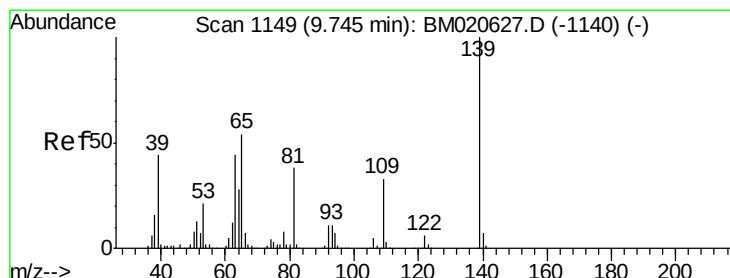
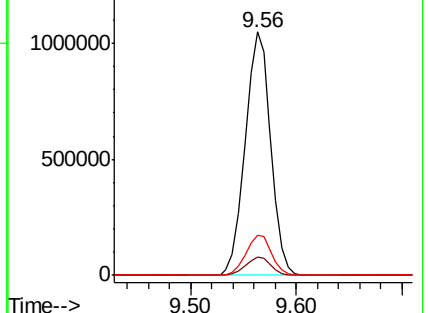
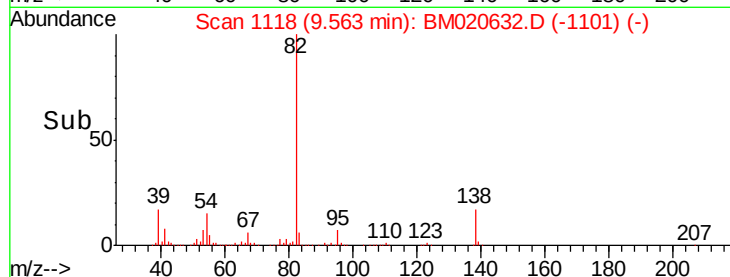
138 16.6 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020632.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020632.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020632.D (-1108) (-)



#26

2-Nitrophenol

Concen: 42.569 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

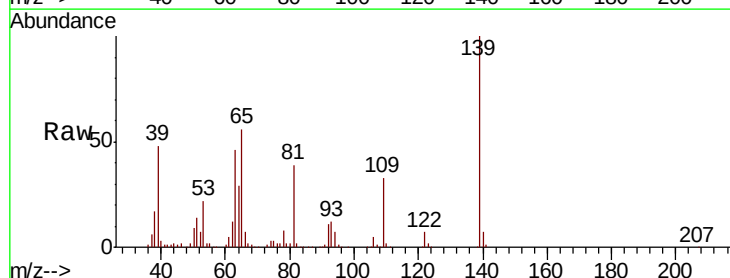
Tgt Ion: 139 Resp: 359423

Ion Ratio Lower Upper

139 100

109 33.3 26.1 39.1

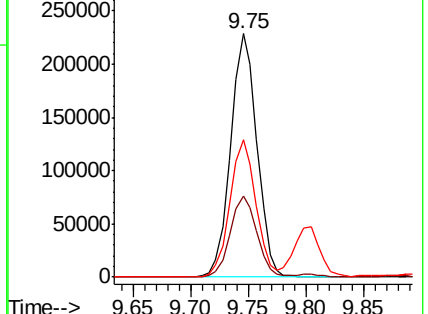
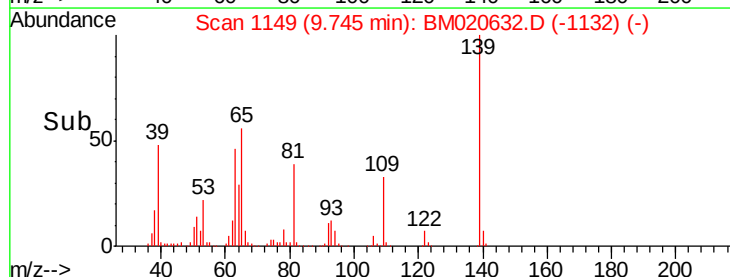
65 56.4 43.4 65.0

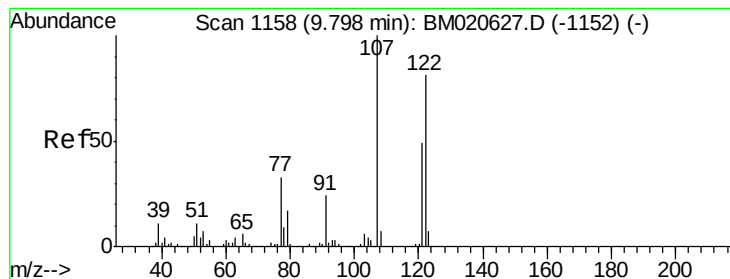


Abundance Ion 139.00 (138.70 to 139.70): BM020632.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020632.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020632.D (-1140) (-)





#27

2,4-Dimethylphenol

Concen: 40.177 ng

RT: 9.80 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

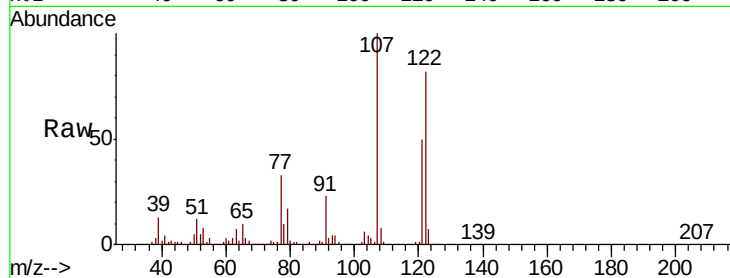
Tot Ion:122 Resp: 635661

Ion Ratio Lower Upper

122 100

107 122.2 98.0 147.0

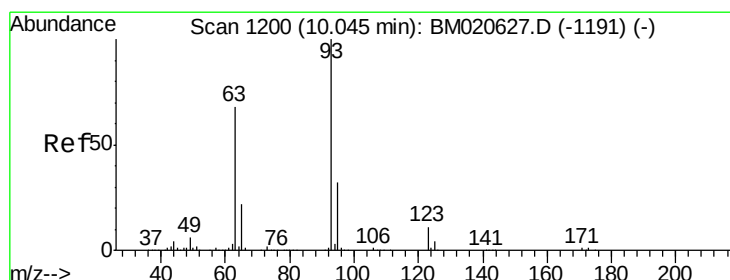
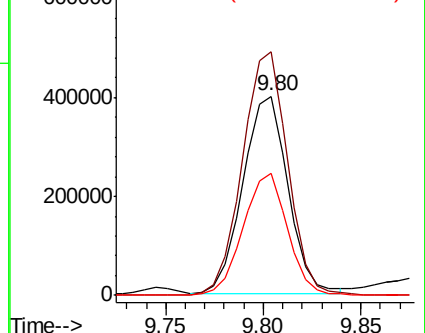
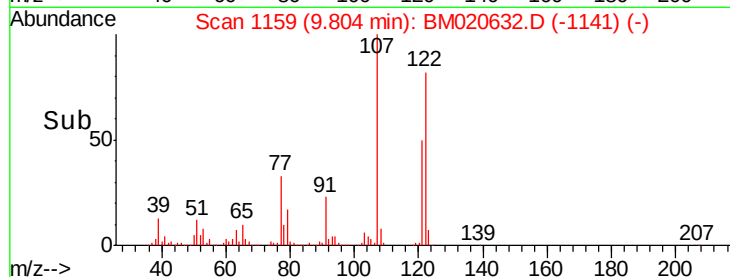
121 60.9 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.251 ng

RT: 10.05 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

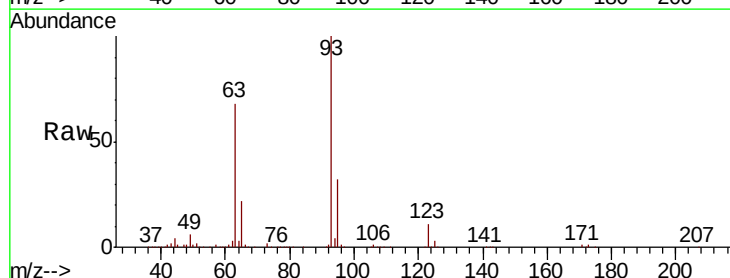
Tgt Ion: 93 Resp: 1074330

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

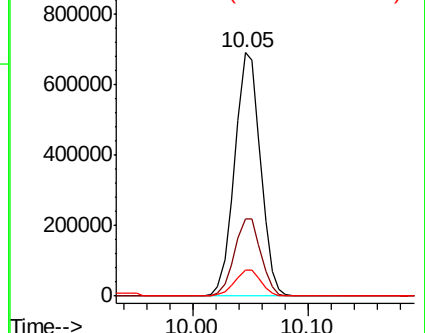
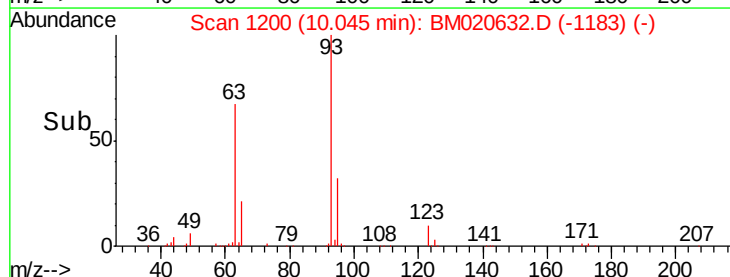
123 10.8 9.0 13.6

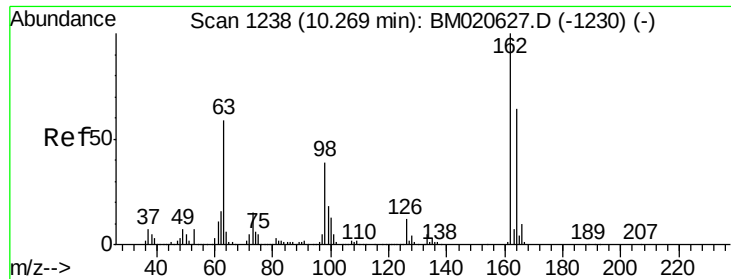


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

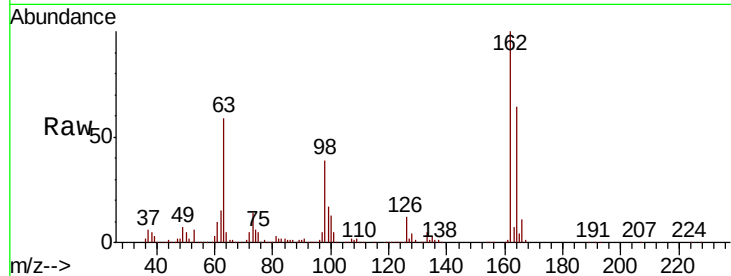




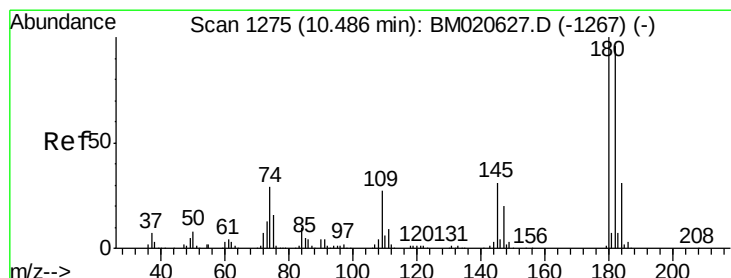
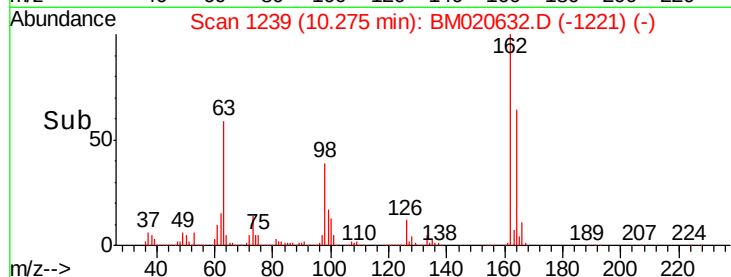
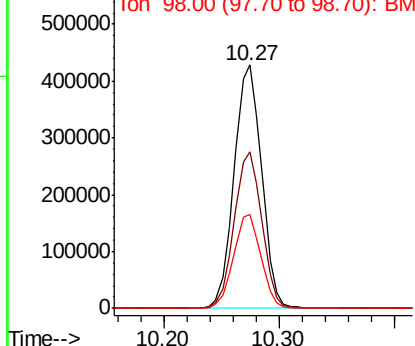
#29
2,4-Dichlorophenol
Concen: 40.461 ng
RT: 10.27 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	38.8	19.1	59.1

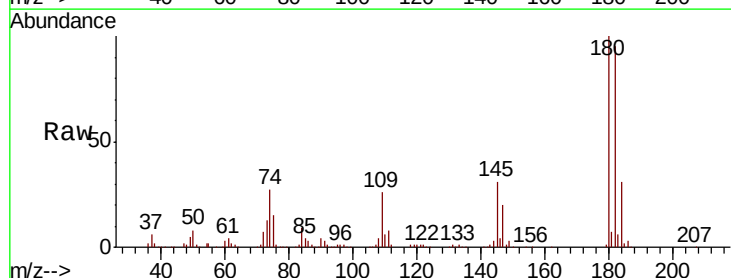


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BMO

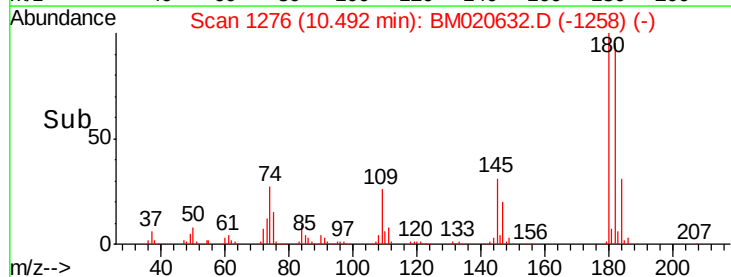
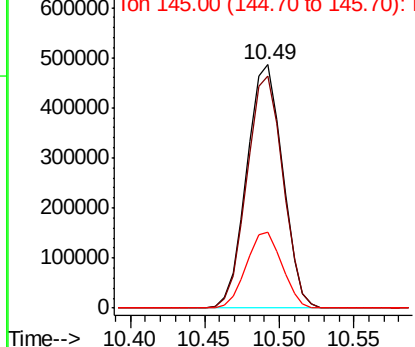


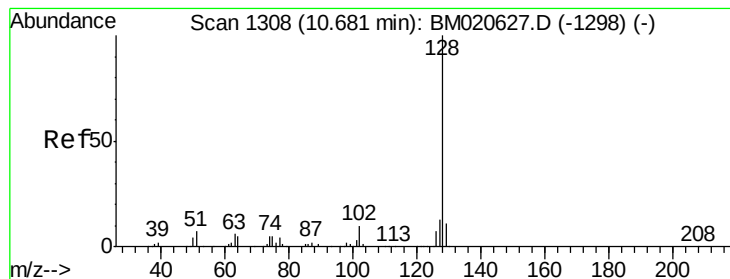
#30
1,2,4-Trichlorobenzene
Concen: 40.164 ng
RT: 10.49 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.6
145	31.2	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.220 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

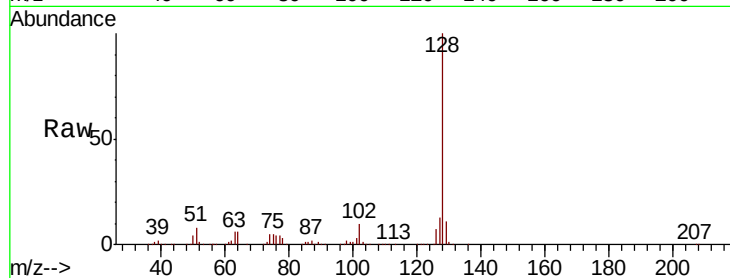
Tot Ion:128 Resp: 2378022

Ion Ratio Lower Upper

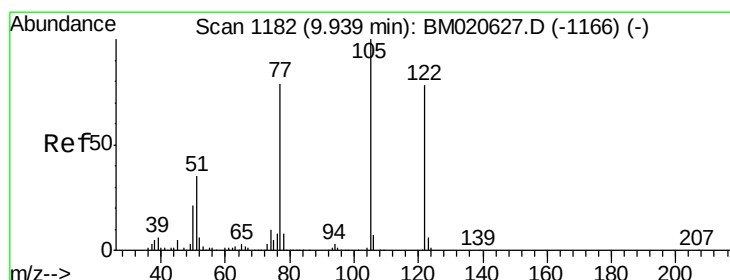
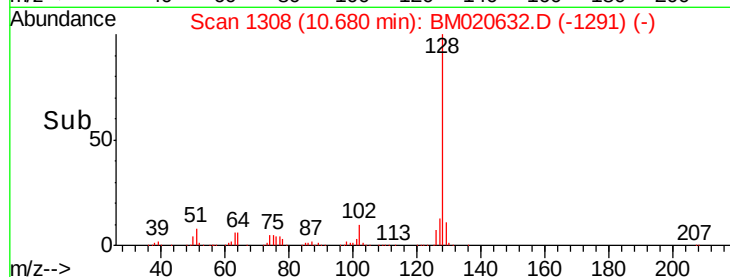
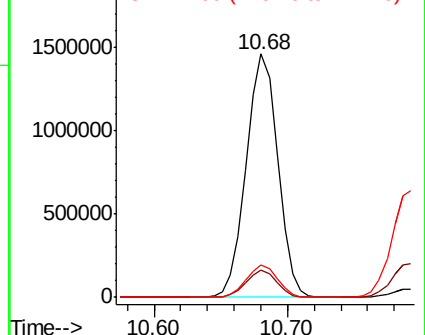
128 100

129 11.0 8.7 13.1

127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.864 ng

RT: 9.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

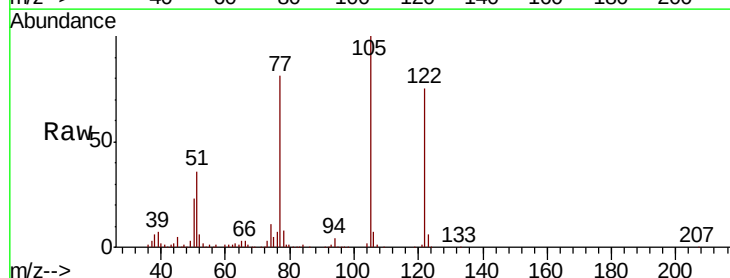
Tgt Ion:122 Resp: 387278

Ion Ratio Lower Upper

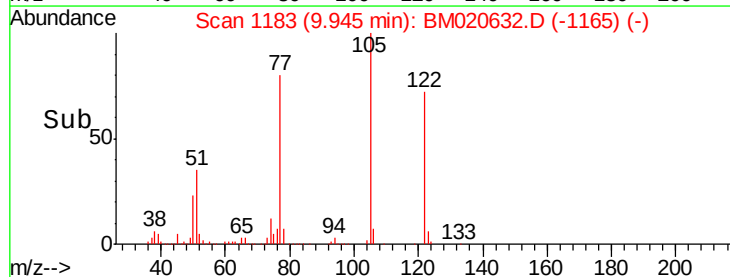
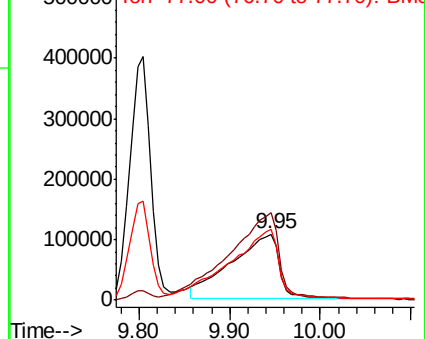
122 100

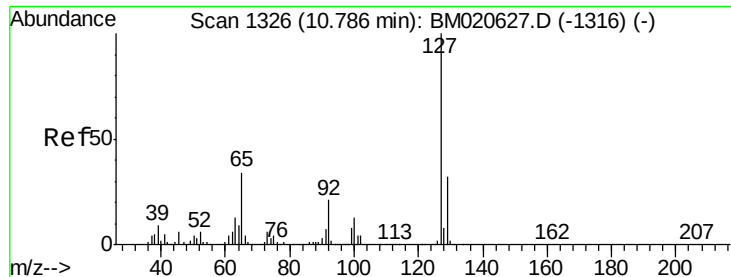
105 132.5 107.0 147.0

77 107.4 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

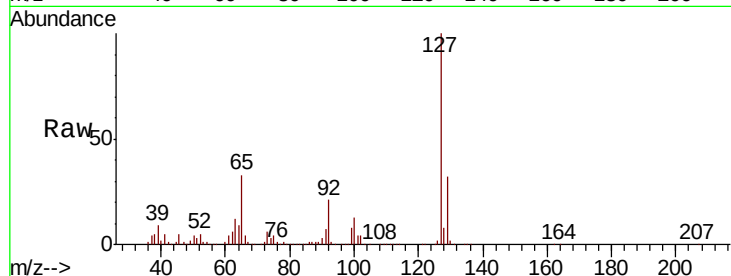




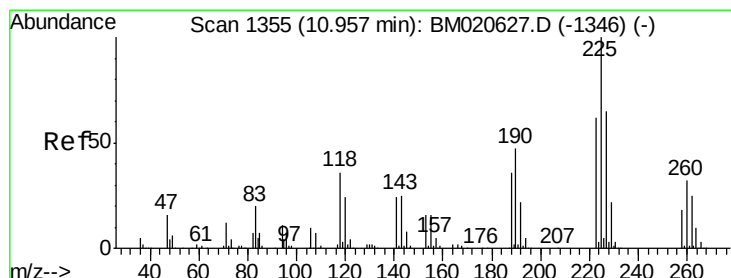
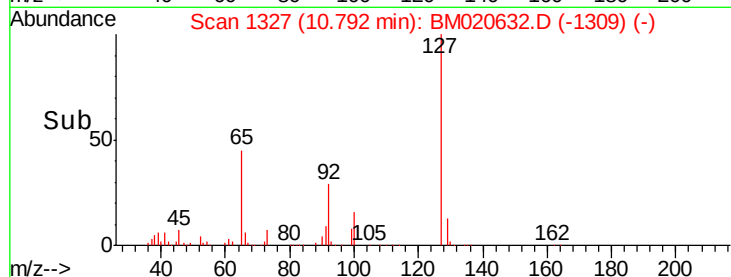
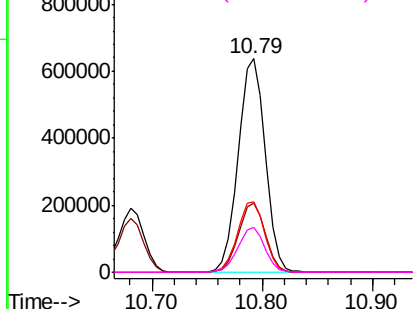
#33
4-Chloroaniline
Concen: 39.876 ng
RT: 10.79 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion:	127	Resp:	1097268
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	33.2	27.4	41.0
92	20.8	17.0	25.6

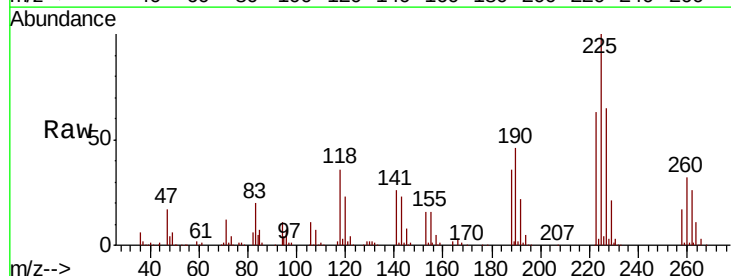


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

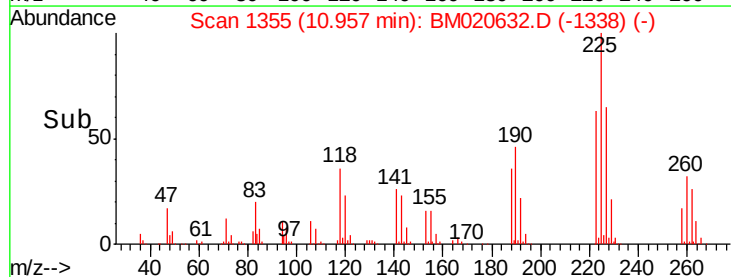
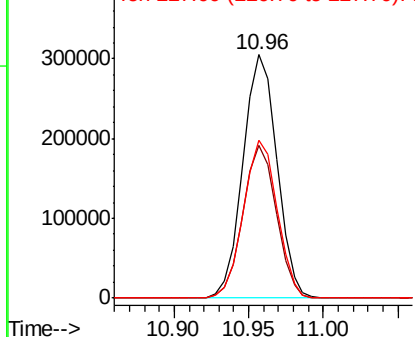


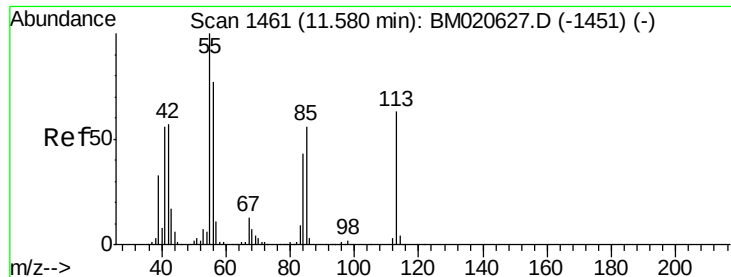
#34
Hexachlorobutadiene
Concen: 39.804 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:	225	Resp:	480704
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	64.6	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

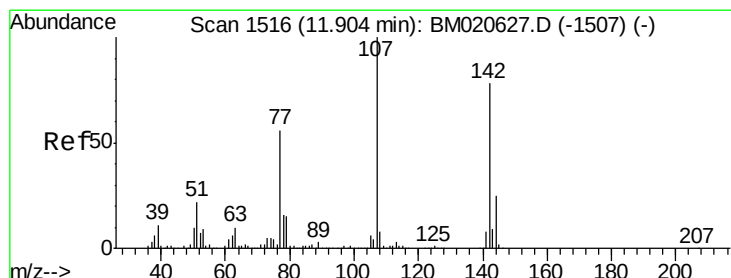
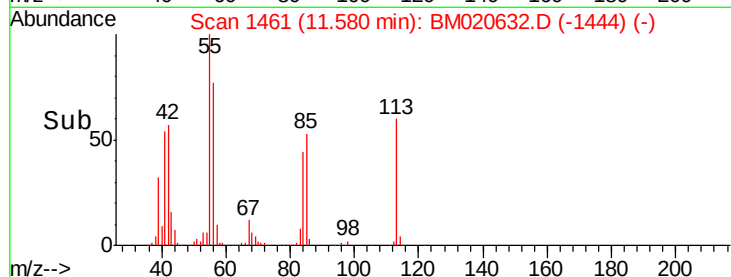
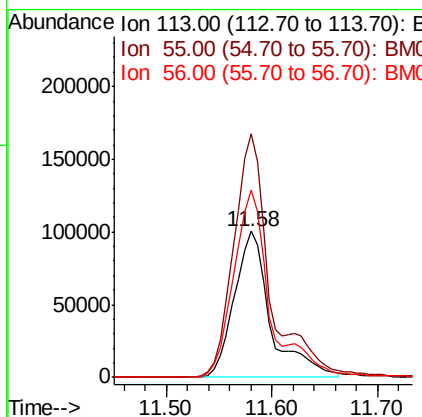
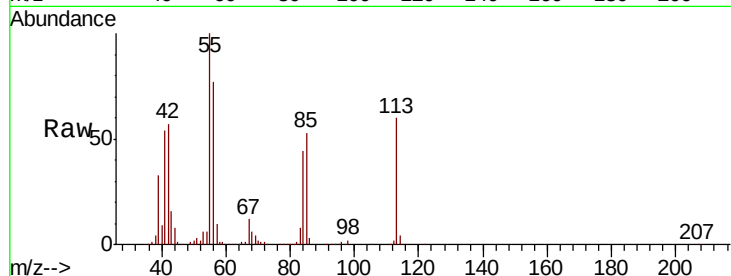




#35
 Caprolactam
 Concen: 39.261 ng
 RT: 11.58 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

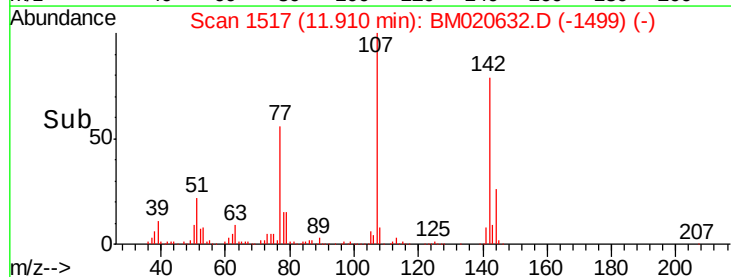
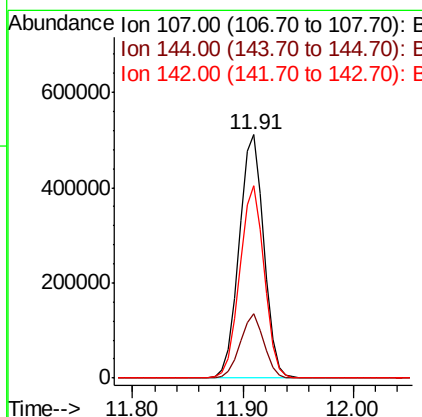
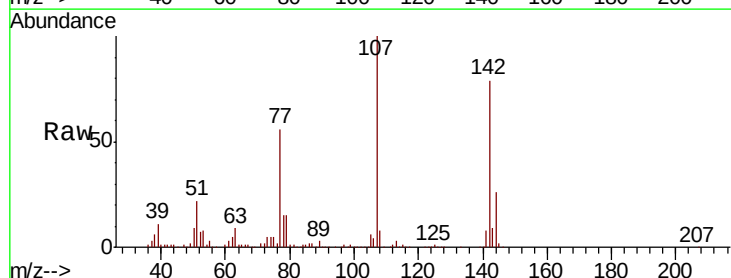
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

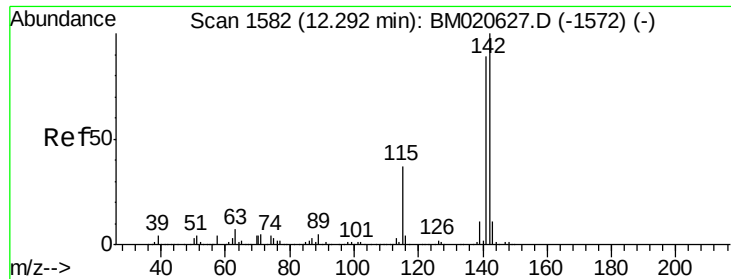
Tot Ion:113 Resp: 238747
 Ion Ratio Lower Upper
 113 100
 55 166.5 138.6 178.6
 56 127.8 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.747 ng
 RT: 11.91 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion:107 Resp: 808907
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.3 30.5
 142 79.3 62.6 93.8

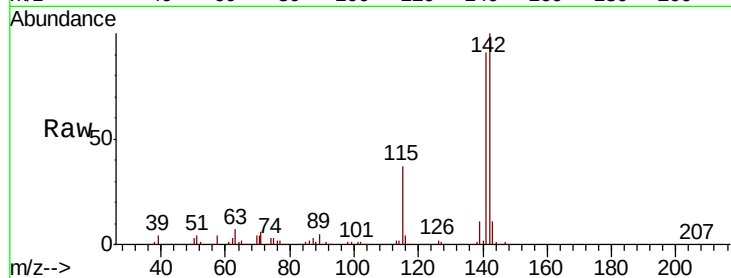




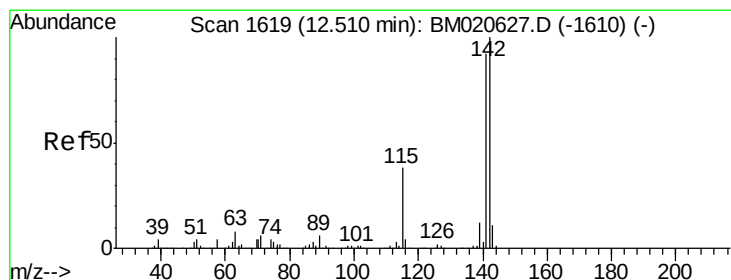
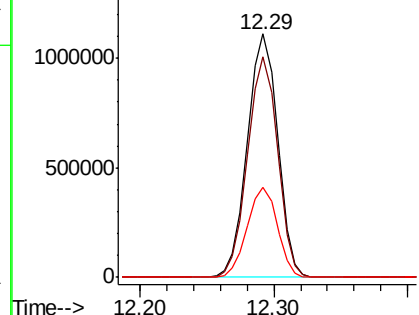
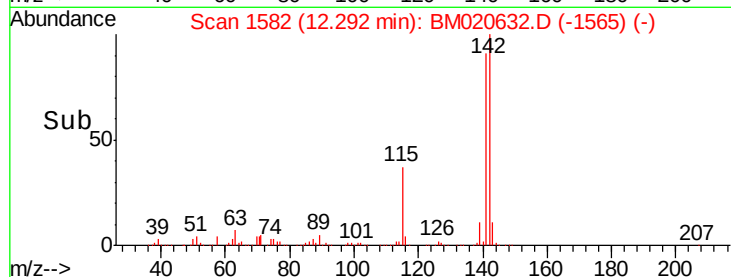
#37
2-Methylnaphthalene
Concen: 39.711 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion:142 Resp: 1740346
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4
115 36.8 29.6 44.4

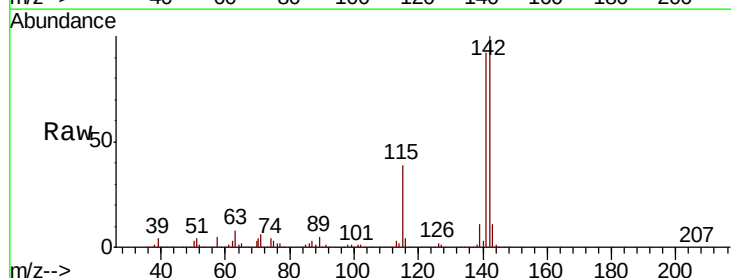


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

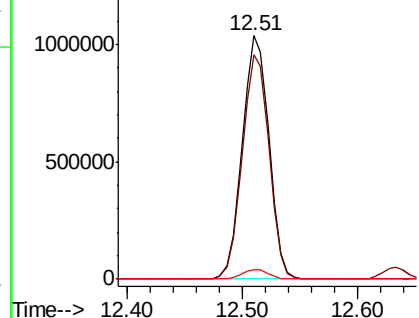
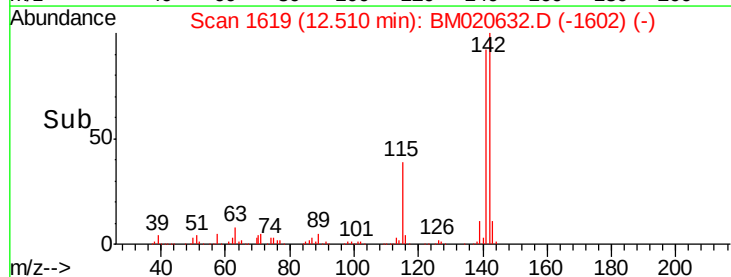


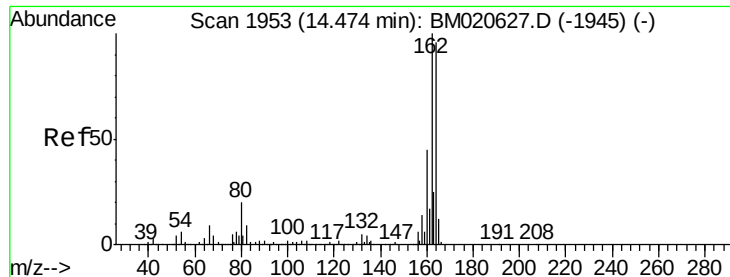
#38
1-Methylnaphthalene
Concen: 39.572 ng
RT: 12.51 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:142 Resp: 1651329
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
1000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

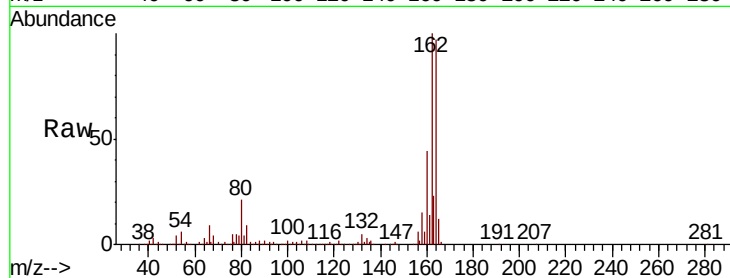
Tot Ion:164 Resp: 659756

Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 45.7 37.5 56.3

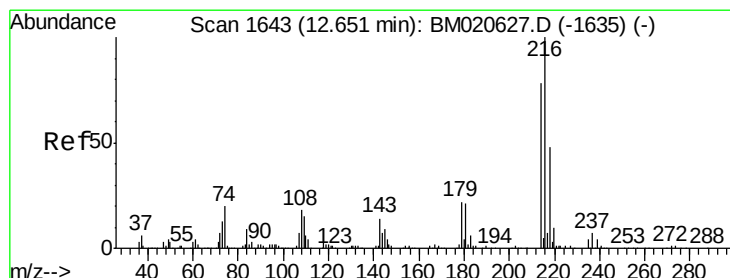
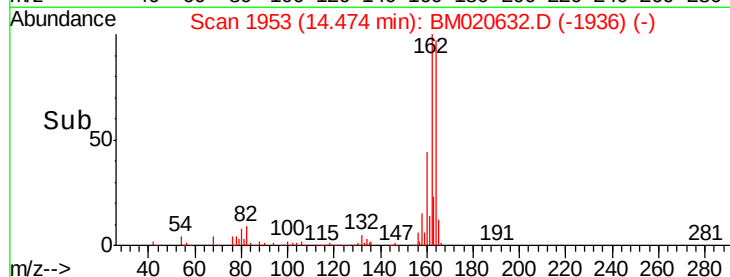
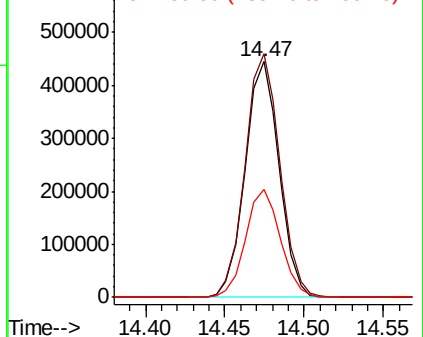


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.399 ng

RT: 12.66 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Tgt Ion:216 Resp: 873469

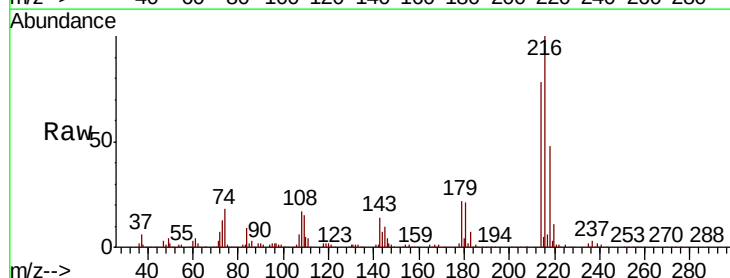
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.5 17.9 26.9

108 20.2 16.2 24.2



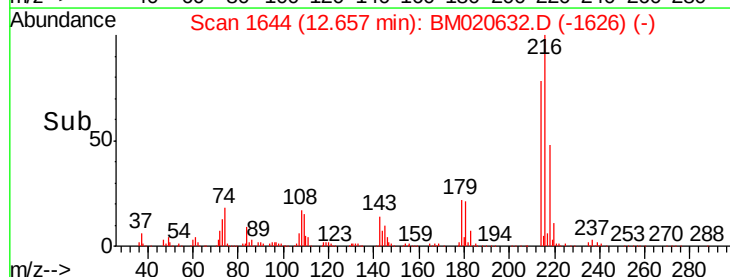
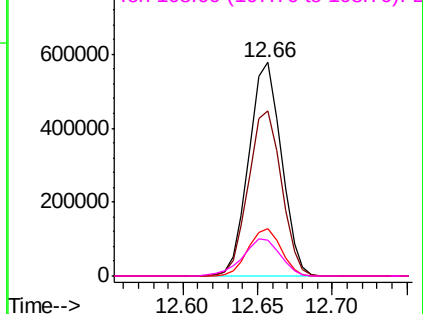
Abundance

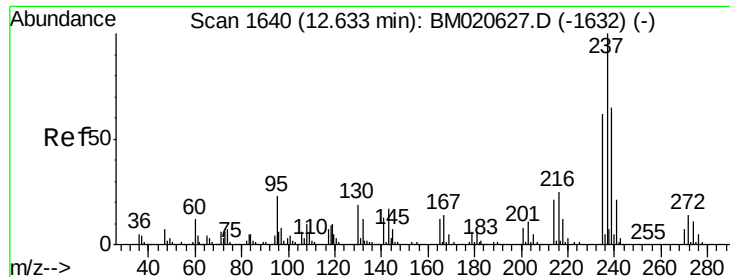
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.087 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

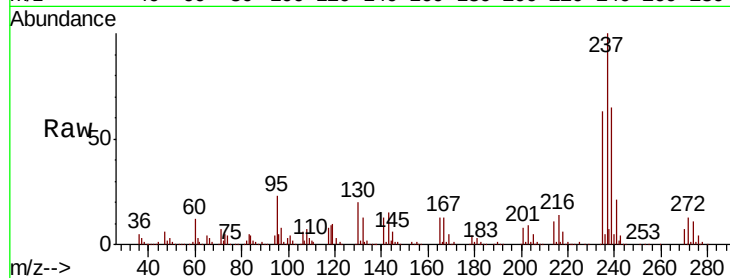
Tot Ion:237 Resp: 531285

Ion Ratio Lower Upper

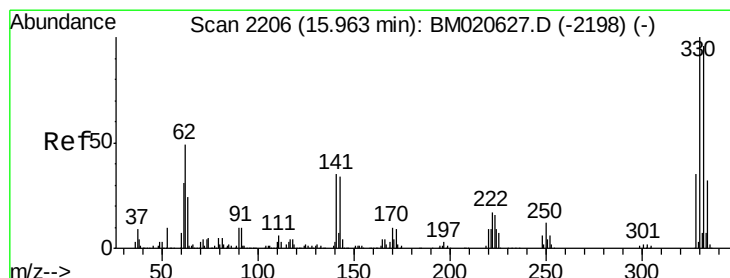
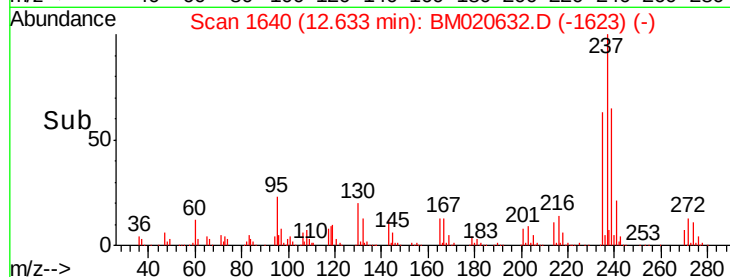
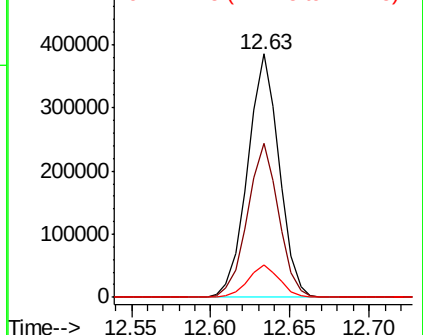
237 100

235 63.0 42.1 82.1

272 13.1 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.107 ng

RT: 15.96 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

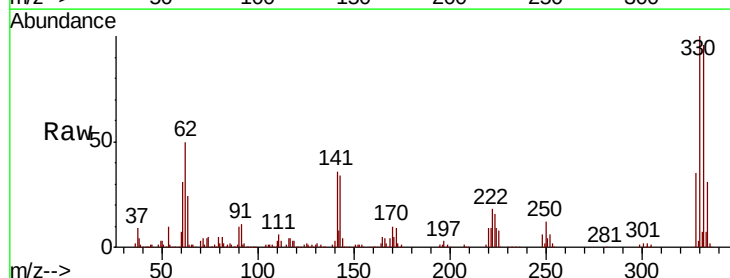
Tgt Ion:330 Resp: 646643

Ion Ratio Lower Upper

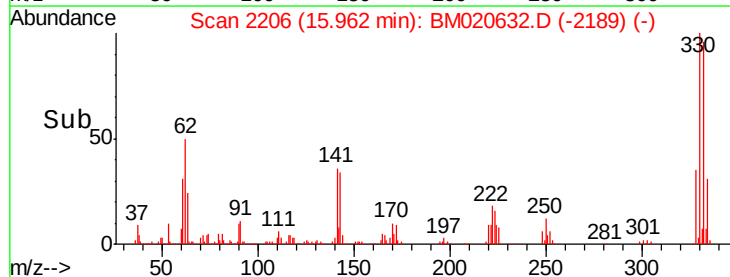
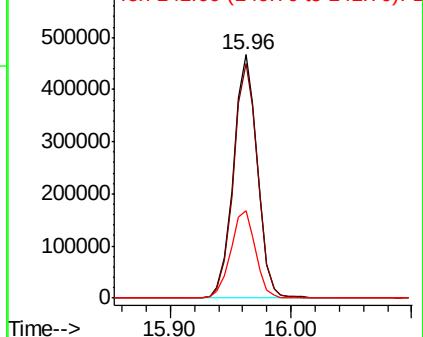
330 100

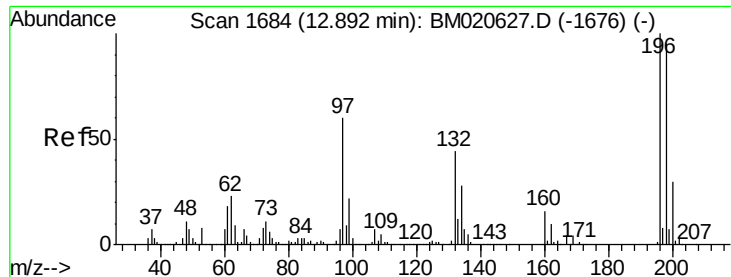
332 96.8 77.4 116.0

141 37.1 30.4 45.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

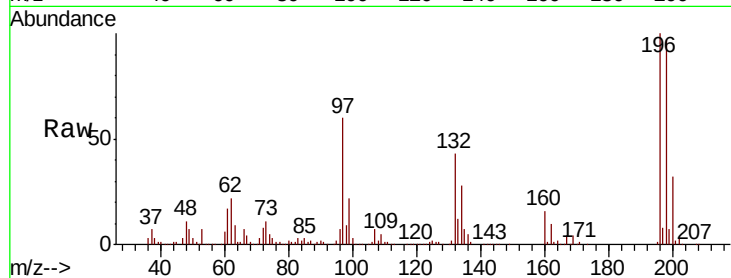




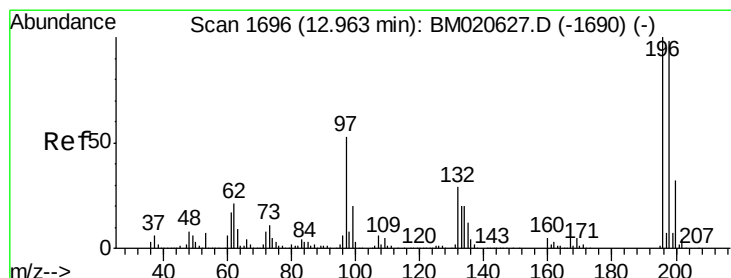
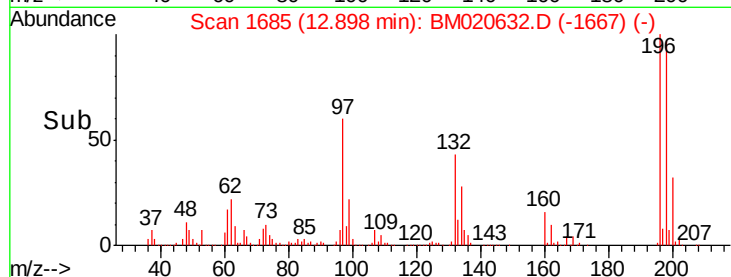
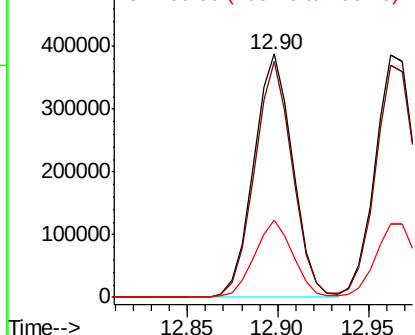
#43
 2,4,6-Trichlorophenol
 Concen: 41.635 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Tot Ion:196 Resp: 579432
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 31.8 23.9 35.9

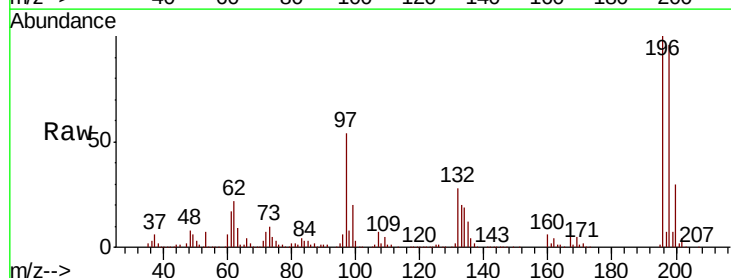


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

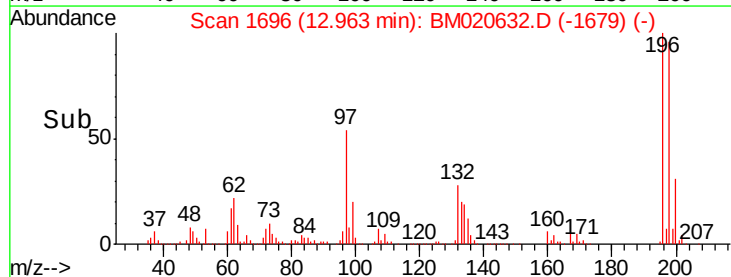
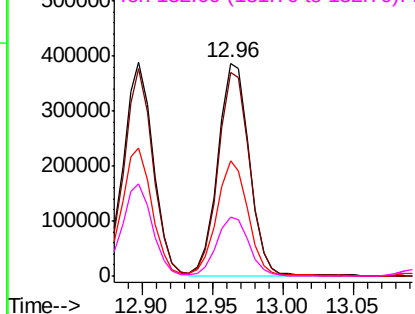


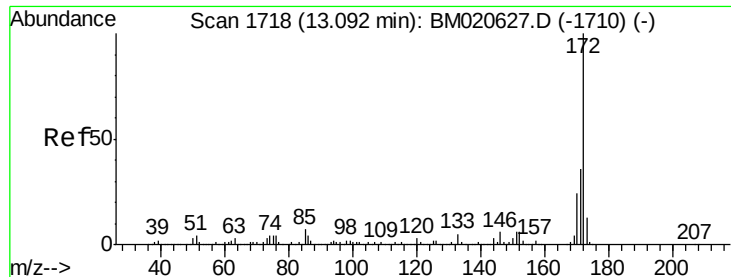
#44
 2,4,5-Trichlorophenol
 Concen: 41.359 ng
 RT: 12.96 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion:196 Resp: 594229
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.6 117.8
 97 54.2 42.7 64.1
 132 27.7 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

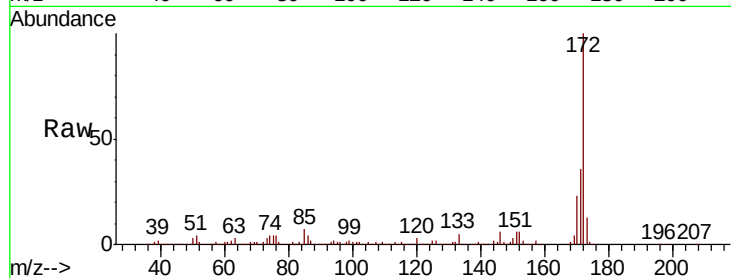




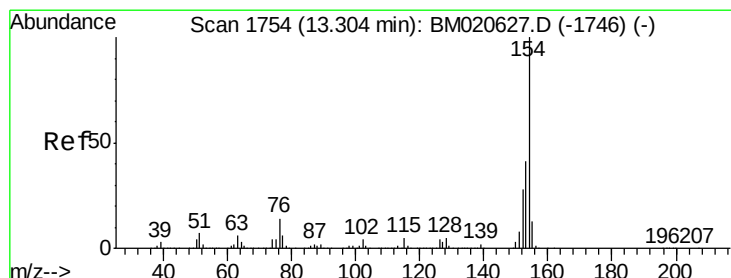
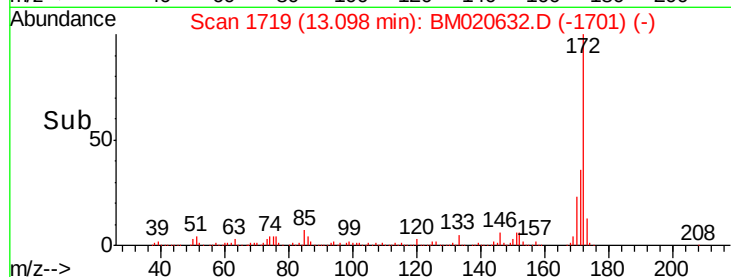
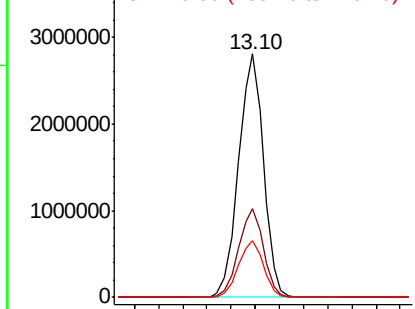
#45
2-Fluorobiphenyl
Concen: 81.499 ng
RT: 13.10 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion:172 Resp: 4044497
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.2 18.9 28.3

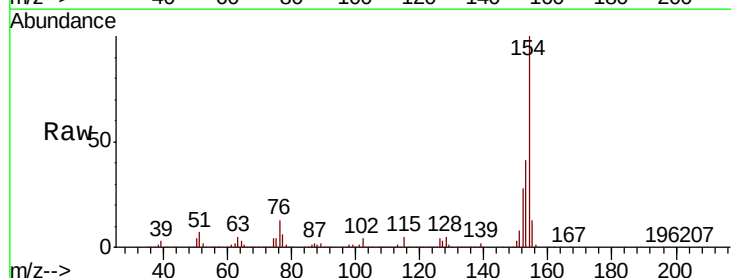


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

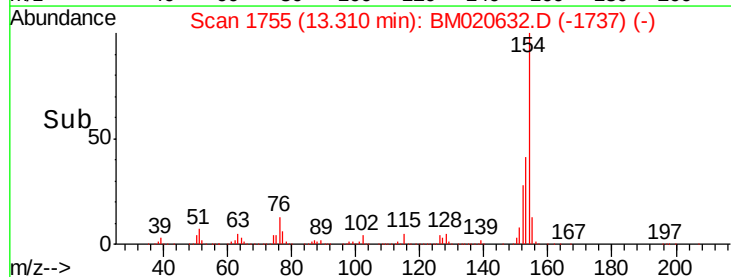
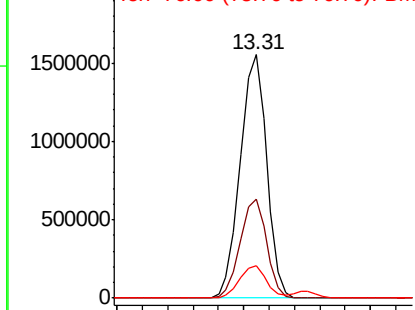


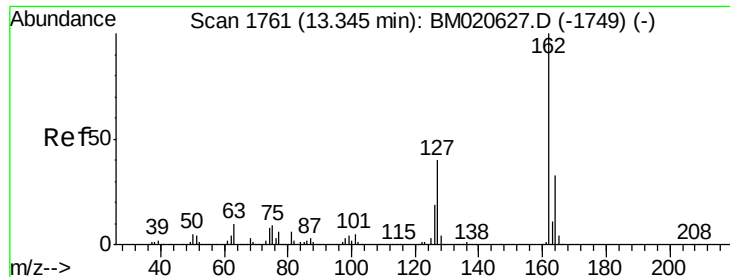
#46
1,1'-Biphenyl
Concen: 40.821 ng
RT: 13.31 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:154 Resp: 2249247
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 13.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

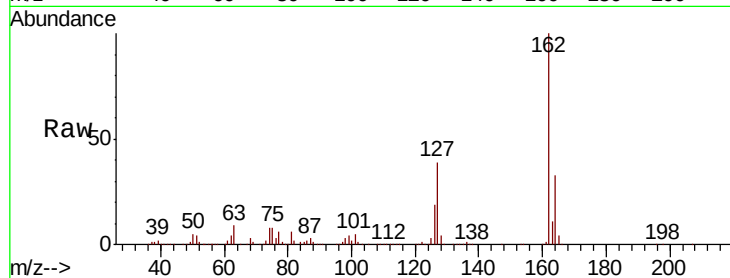




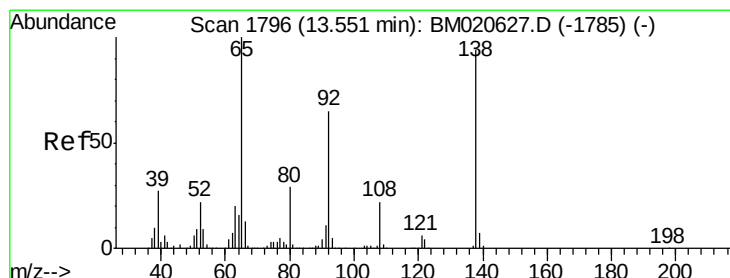
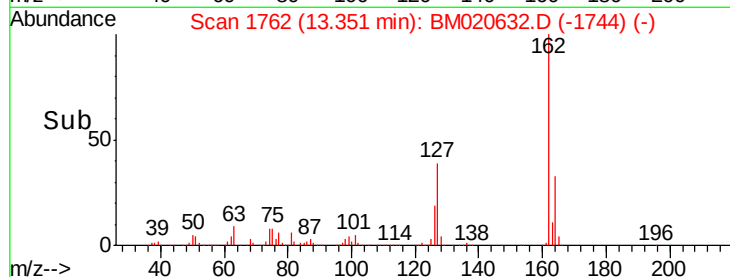
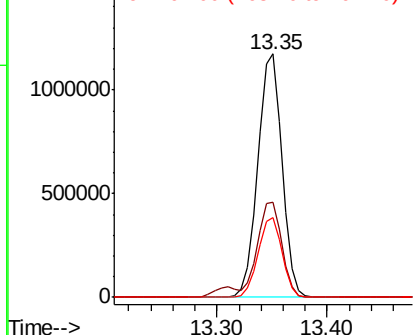
#47
 2-Chloronaphthalene
 Concen: 40.632 ng
 RT: 13.35 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Tot Ion:162 Resp: 1806958
 Ion Ratio Lower Upper
 162 100
 127 39.3 32.1 48.1
 164 32.7 26.6 39.8

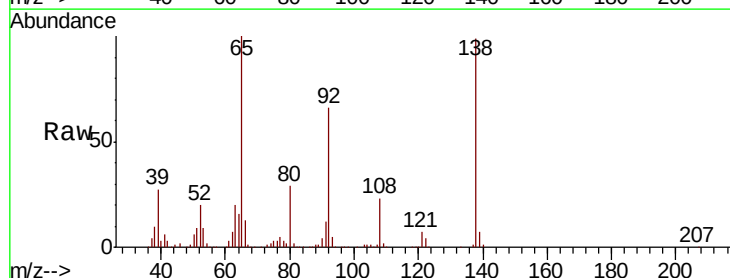


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

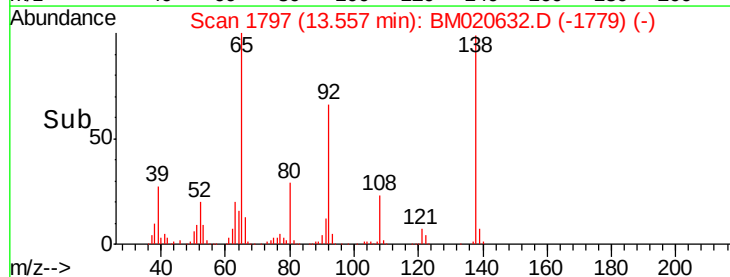
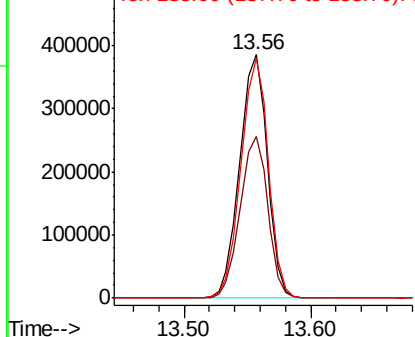


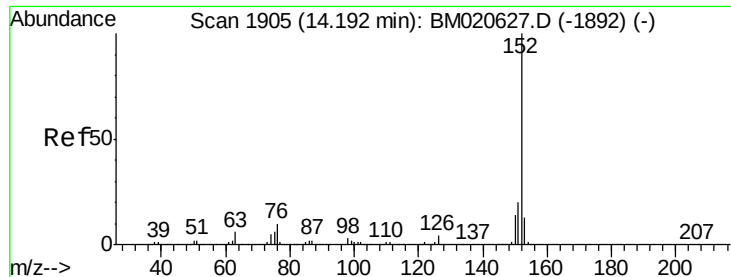
#48
 2-Nitroaniline
 Concen: 41.884 ng
 RT: 13.56 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion: 65 Resp: 584609
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.2 78.4
 138 98.7 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.329 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

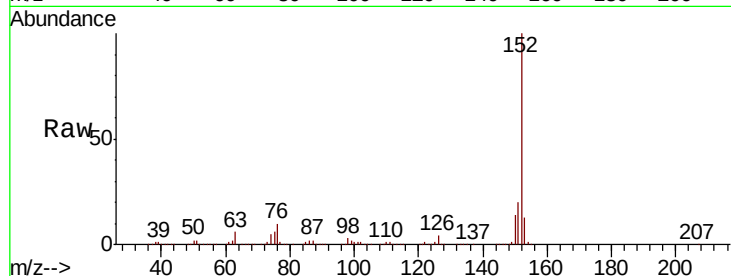
Tot Ion:152 Resp: 2798391

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

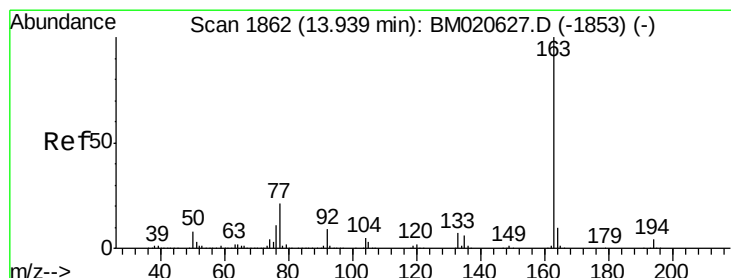
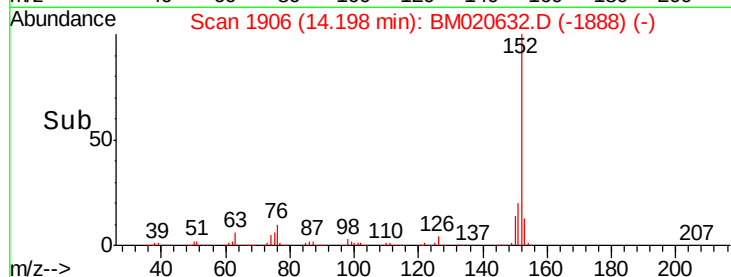
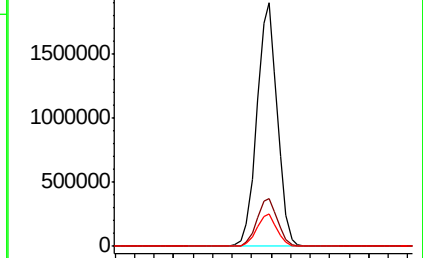
153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.481 ng

RT: 13.94 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

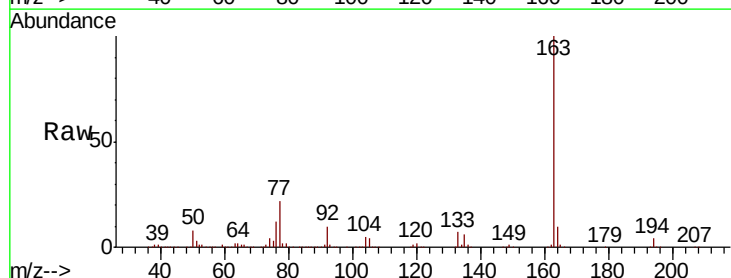
Tgt Ion:163 Resp: 2225370

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

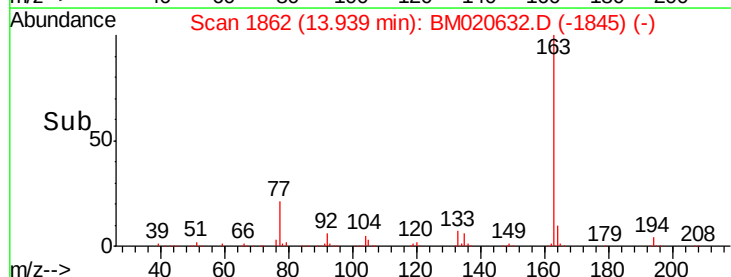
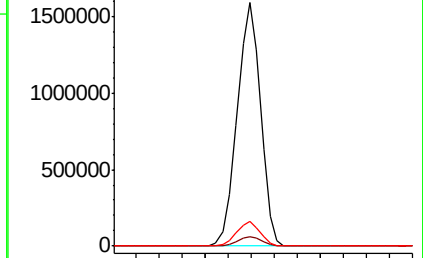
164 10.1 7.9 11.9

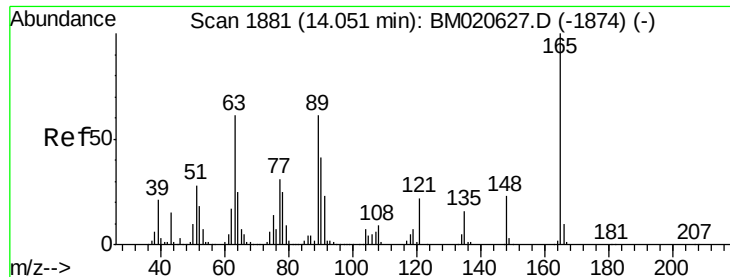


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

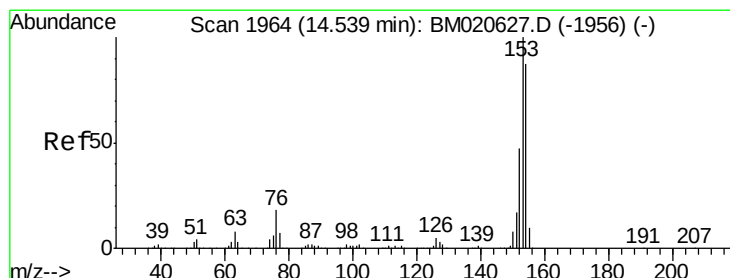
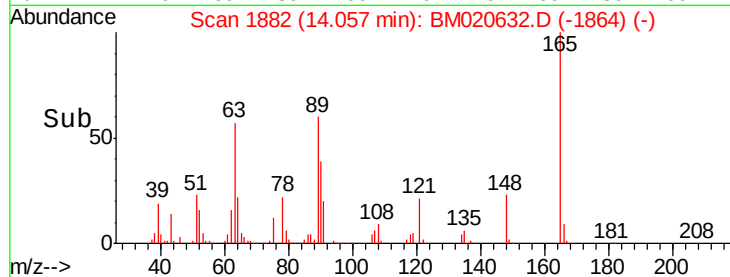
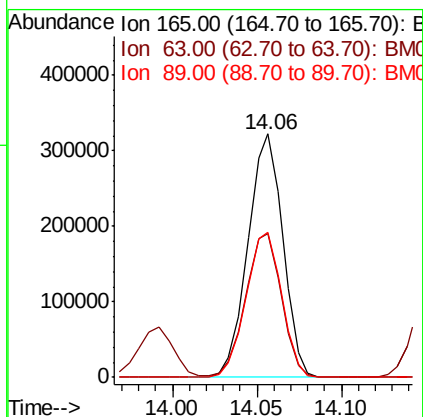
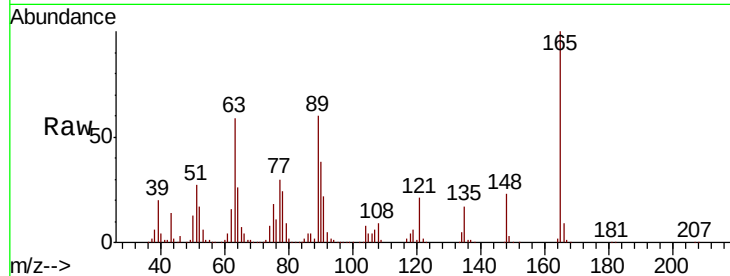




#51
2,6-Dinitrotoluene
Concen: 40.509 ng
RT: 14.06 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

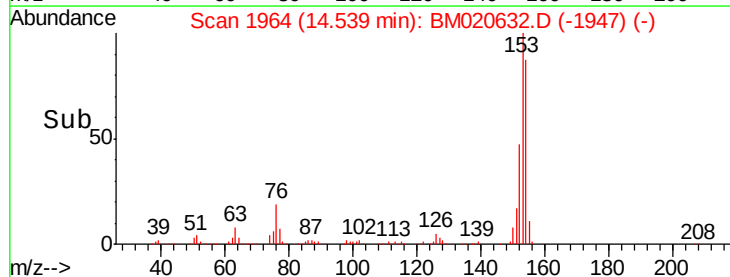
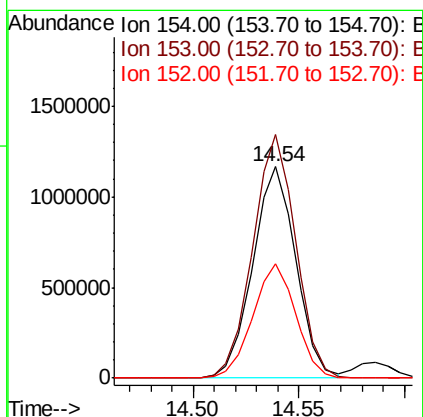
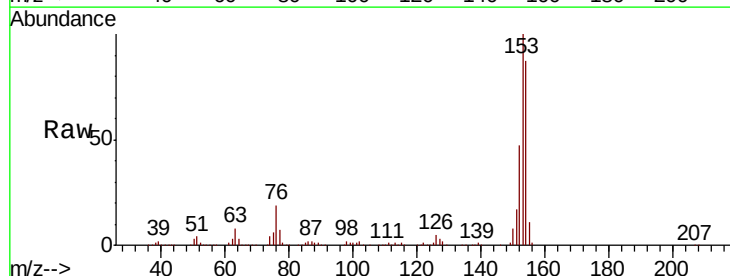
Instrument :
BNA_M
ClientSampleId :
ICVBM053119

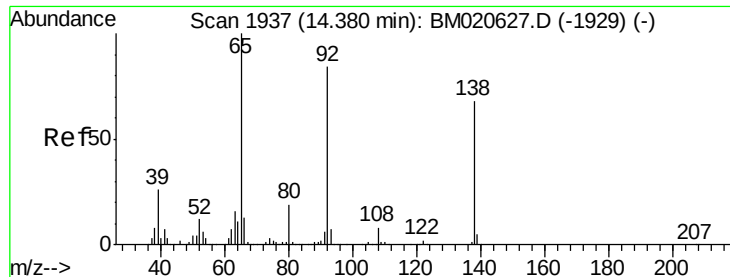
Tot Ion:165 Resp: 463639
Ion Ratio Lower Upper
165 100
63 59.0 50.4 75.6
89 59.6 49.1 73.7



#52
Acenaphthene
Concen: 40.144 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:154 Resp: 1659995
Ion Ratio Lower Upper
154 100
153 115.1 92.4 138.6
152 54.3 43.4 65.0





#53

3-Nitroaniline

Concen: 40.590 ng

RT: 14.39 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

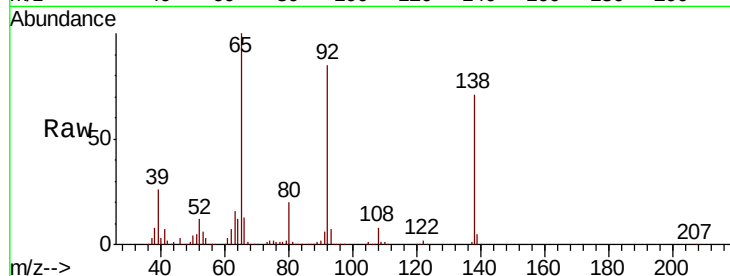
Tot Ion:138 Resp: 518524

Ion Ratio Lower Upper

138 100

108 11.6 9.5 14.3

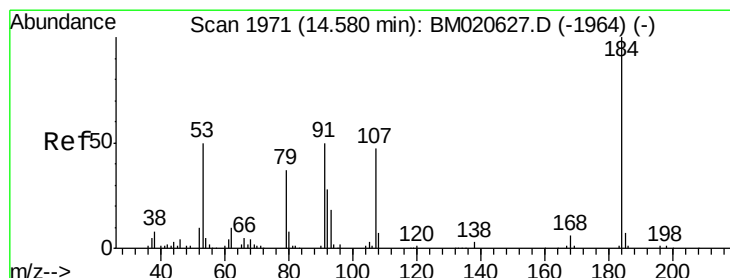
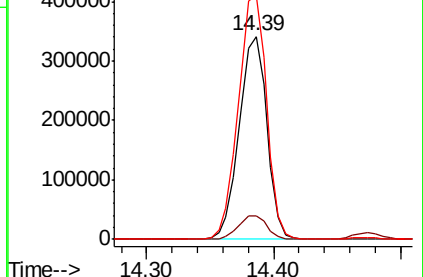
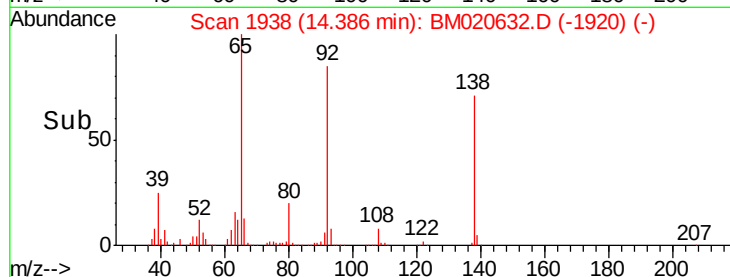
92 119.9 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 40.239 ng

RT: 14.59 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

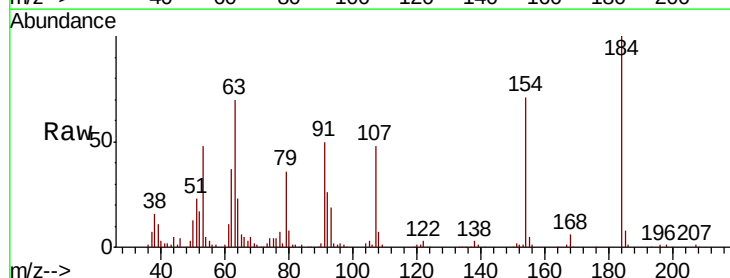
Tgt Ion:184 Resp: 178590

Ion Ratio Lower Upper

184 100

63 69.7 59.3 88.9

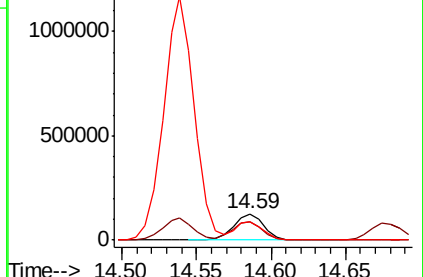
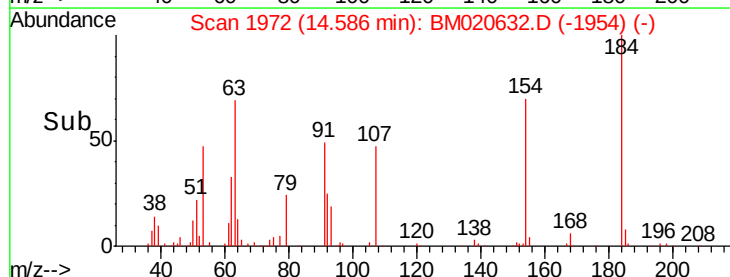
154 70.7 56.5 84.7

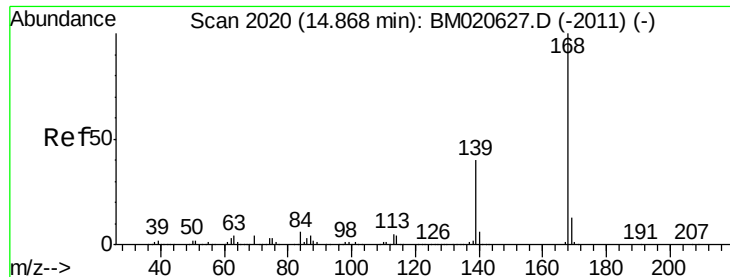


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

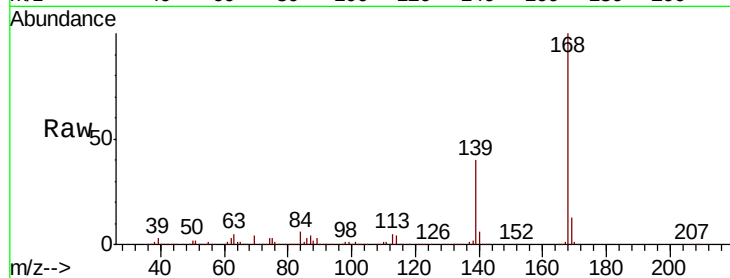




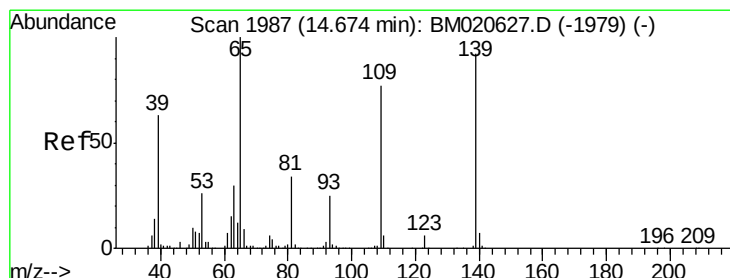
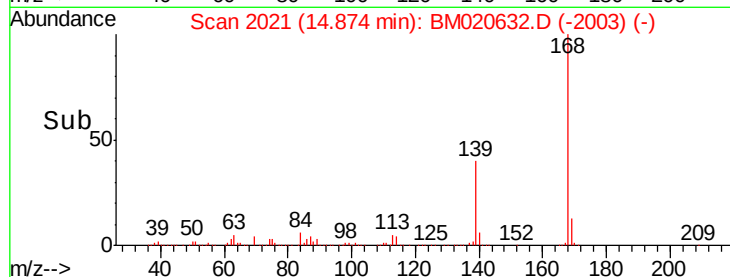
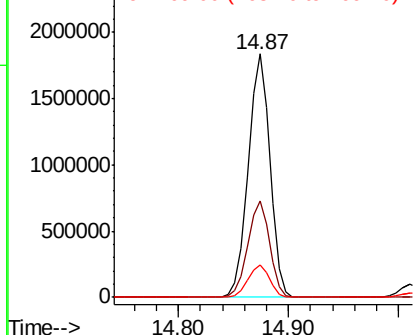
#55
Dibenzofuran
Concen: 39.625 ng
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Instrument :
BNA_M
ClientSampleId :
ICVBM053119

Tot Ion:168 Resp: 2544863
Ion Ratio Lower Upper
168 100
139 39.7 31.9 47.9
169 13.4 10.7 16.1

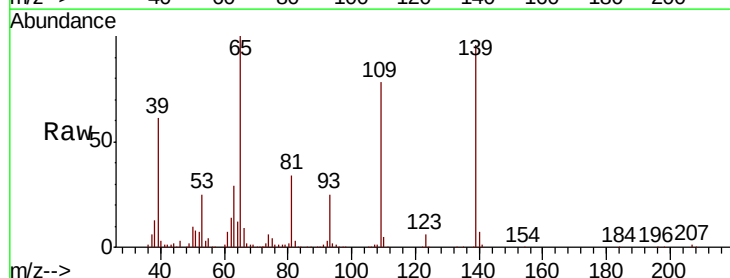


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

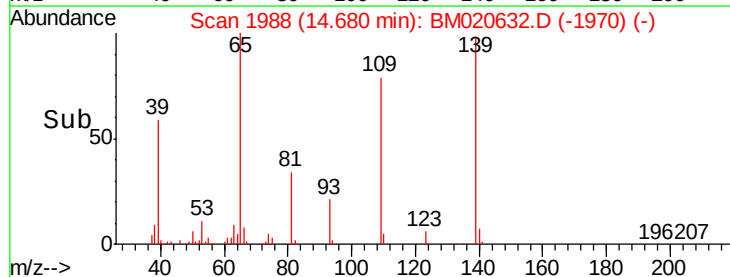
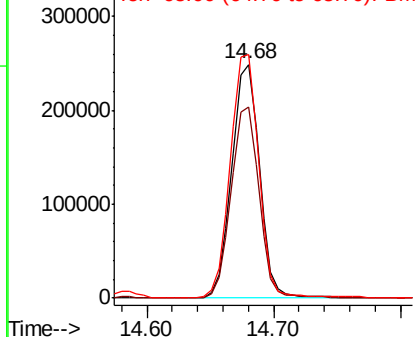


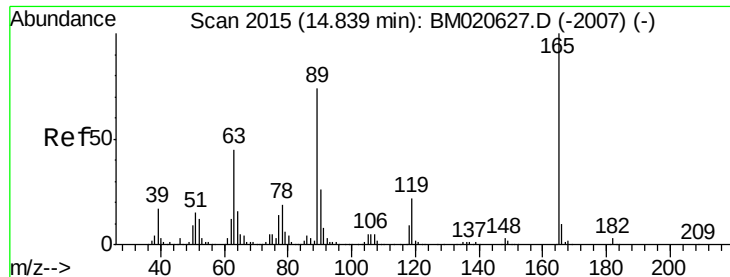
#56
4-Nitrophenol
Concen: 39.998 ng
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:139 Resp: 376532
Ion Ratio Lower Upper
139 100
109 81.6 62.7 102.7
65 104.3 88.3 128.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

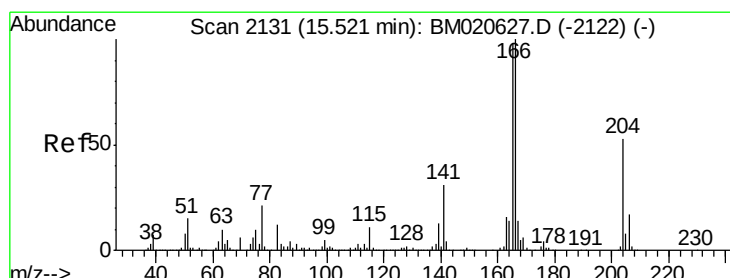
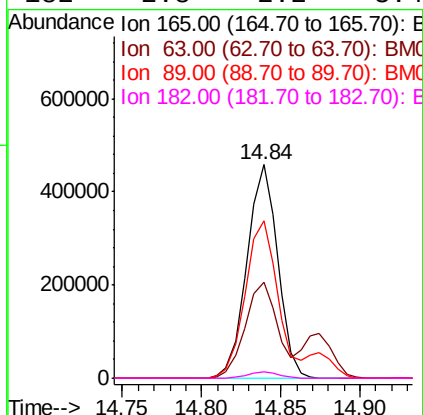
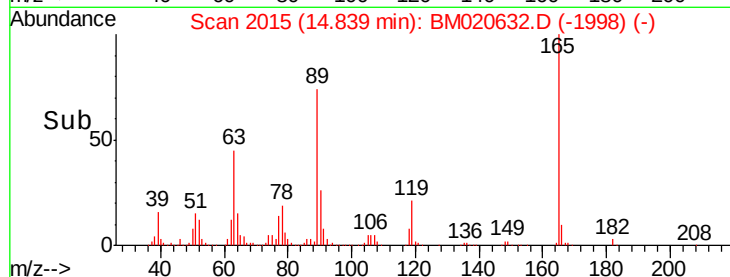
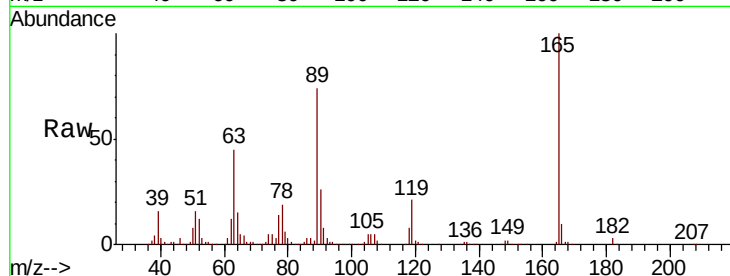




#57
 2,4-Dinitrotoluene
 Concen: 40.335 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

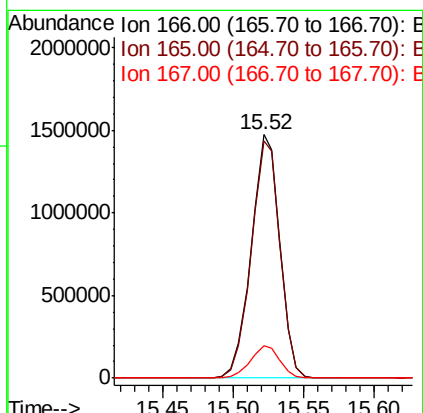
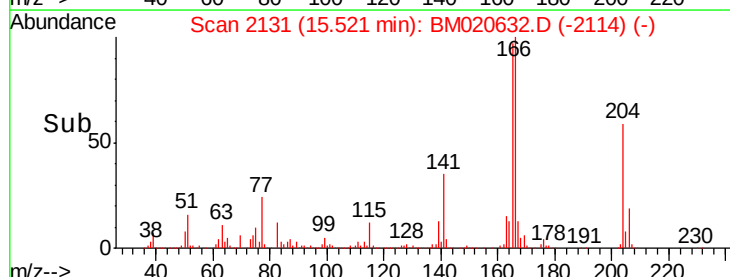
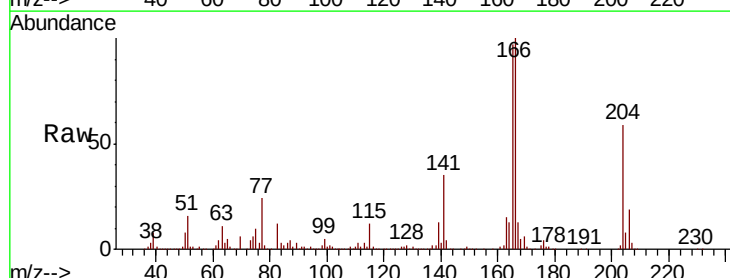
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

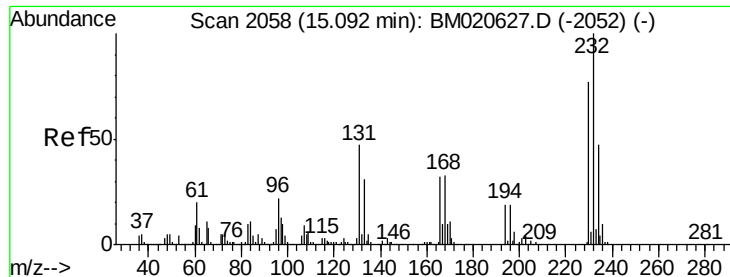
Tot Ion:165 Resp: 618121
 Ion Ratio Lower Upper
 165 100
 63 45.0 36.3 54.5
 89 74.0 59.0 88.6
 182 2.8 2.2 3.4



#58
 Fluorene
 Concen: 39.546 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion:166 Resp: 2088611
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.6 117.8
 167 13.5 11.0 16.4

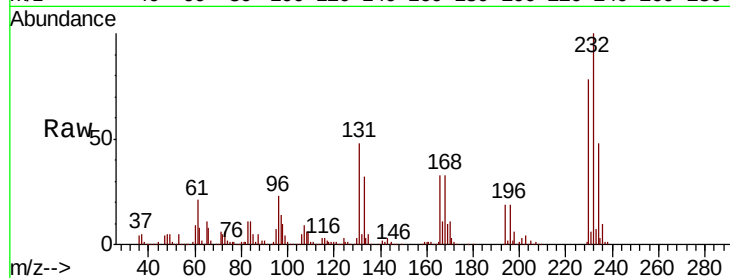




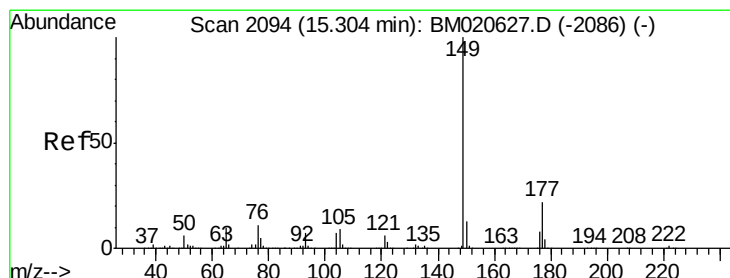
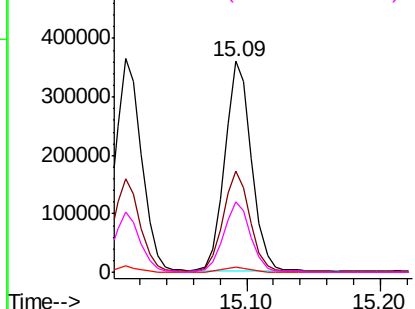
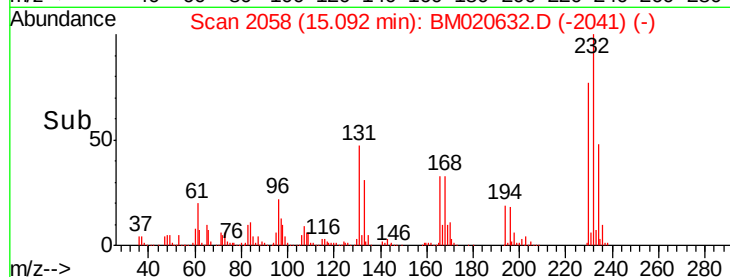
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.108 ng
 RT: 15.09 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Tot Ion:232	Resp:	502138
Ion	Ratio	Lower Upper
232	100	
131	48.1	38.6 57.8
130	2.7	2.2 3.2
166	33.7	26.6 39.8

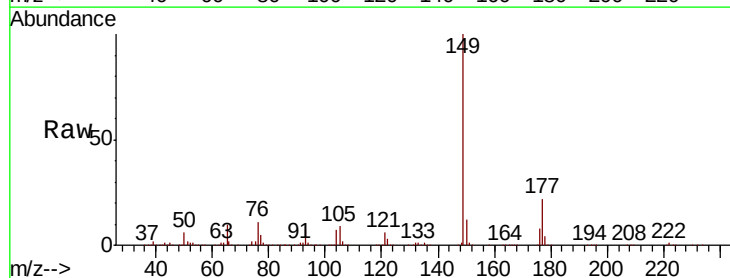


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

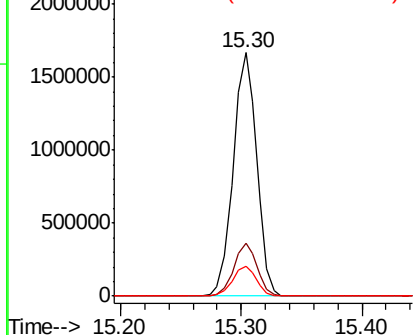
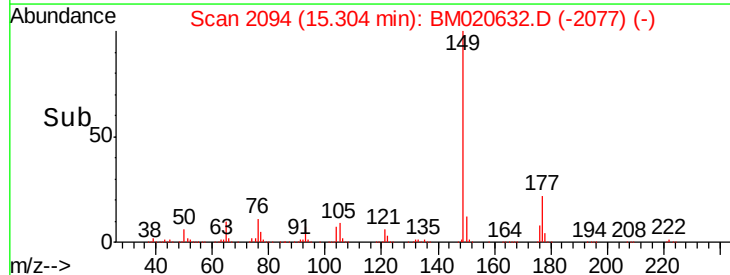


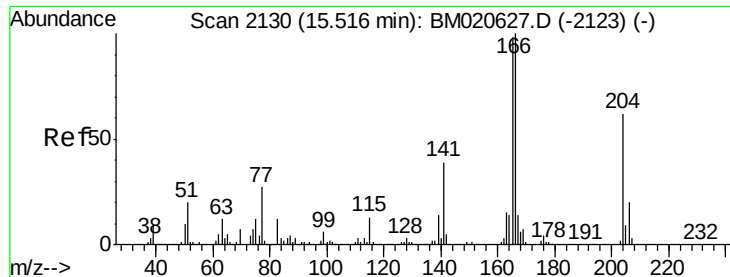
#60
 Diethylphthalate
 Concen: 38.855 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion:149	Resp:	2258799
Ion	Ratio	Lower Upper
149	100	
177	21.7	17.2 25.8
150	12.3	10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

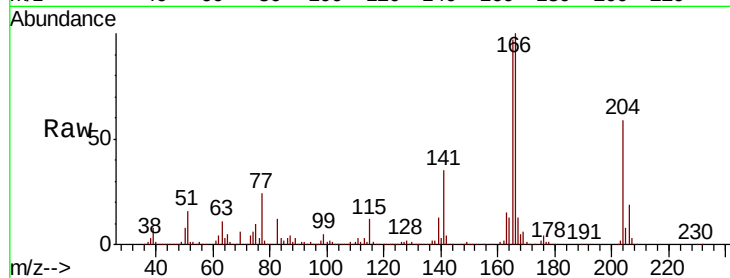




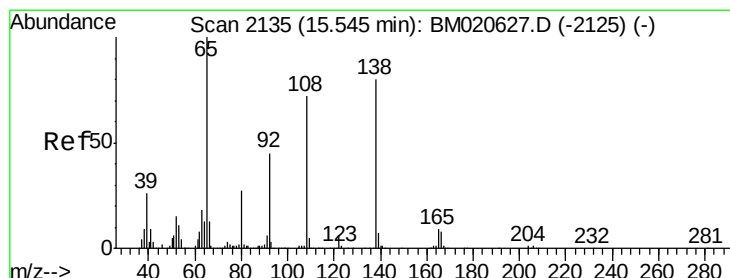
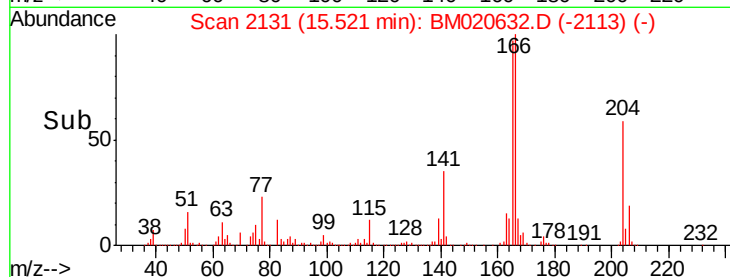
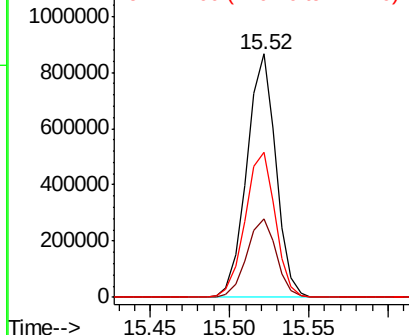
#61
 4-Chlorophenyl-phenylether
 Concen: 39.315 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM053119

Tot Ion:204 Resp: 1099402
 Ion Ratio Lower Upper
 204 100
 206 32.0 25.8 38.8
 141 59.6 50.2 75.4

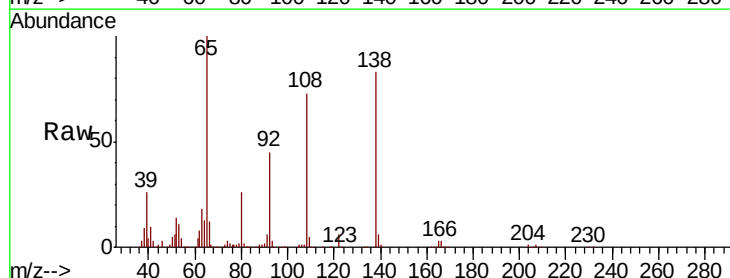


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

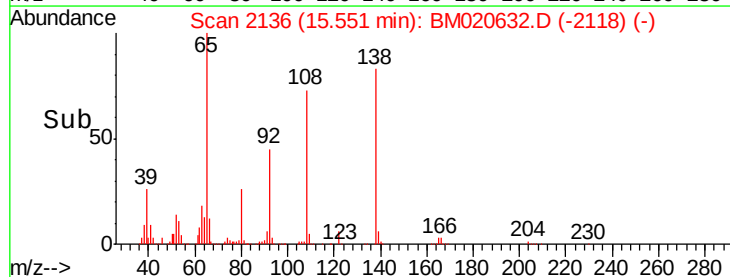
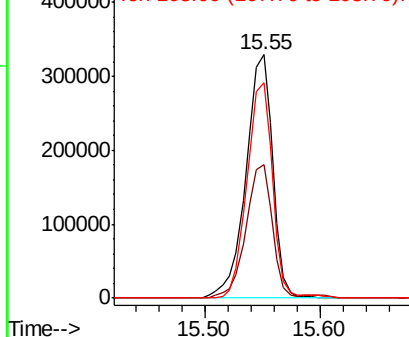


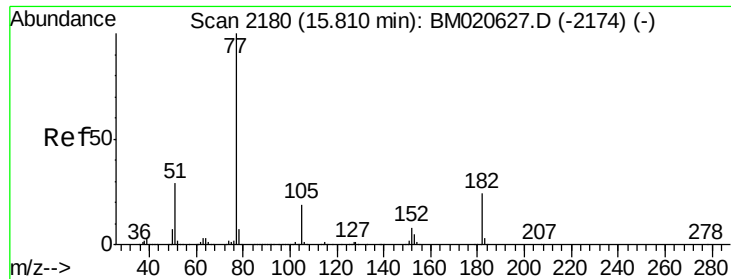
#62
 4-Nitroaniline
 Concen: 39.217 ng
 RT: 15.55 min Scan# 2136
 Delta R.T. 0.01 min
 Lab File: BM020632.D
 Acq: 31 May 2019 15:57

Tgt Ion:138 Resp: 531326
 Ion Ratio Lower Upper
 138 100
 92 54.8 36.7 76.7
 108 88.7 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.563 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

Tot Ion: 77 Resp: 2204964

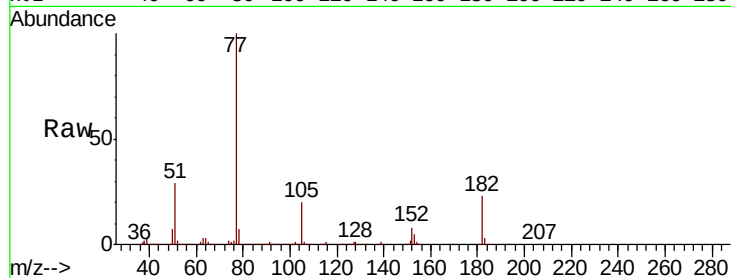
Ion	Ratio	Lower	Upper
77	100		
182	23.2	3.6	43.6
105	19.5	0.0	39.4
51	29.5	9.5	49.5

77 100

182 23.2 3.6 43.6

105 19.5 0.0 39.4

51 29.5 9.5 49.5



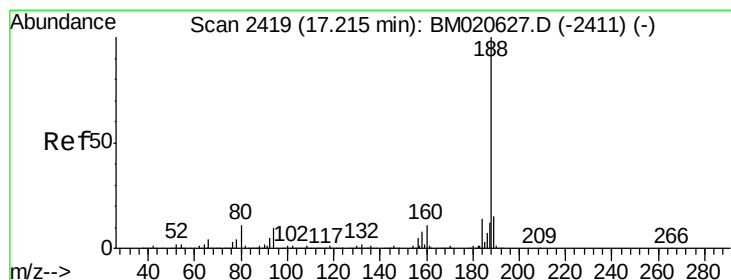
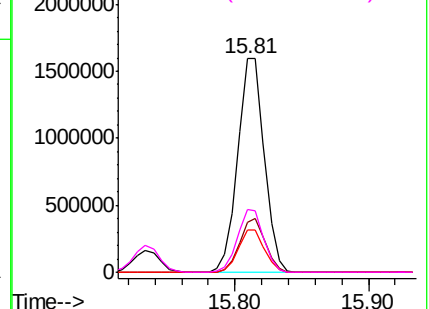
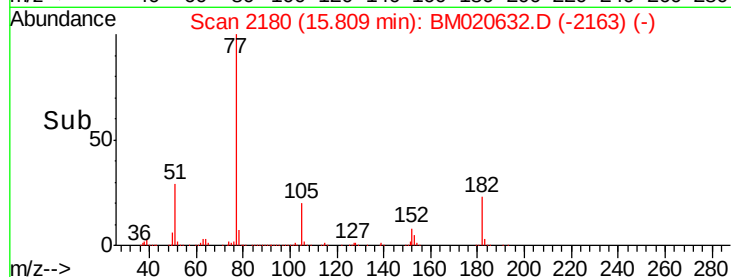
Abundance

Ion 77.00 (76.70 to 77.70): BM020632.D (-2174) (-)

Ion 182.00 (181.70 to 182.70): BM020632.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BM020632.D (-2174) (-)

Ion 51.00 (50.70 to 51.70): BM020632.D (-2174) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

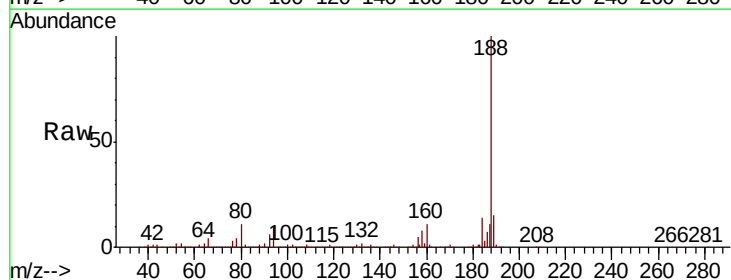
Tgt Ion: 188 Resp: 1363412

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.8
80	11.2	9.0	13.6

188 100

94 9.7 7.8 11.8

80 11.2 9.0 13.6

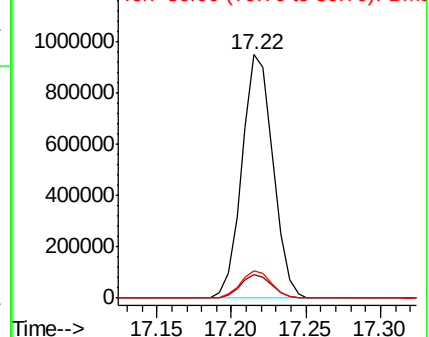
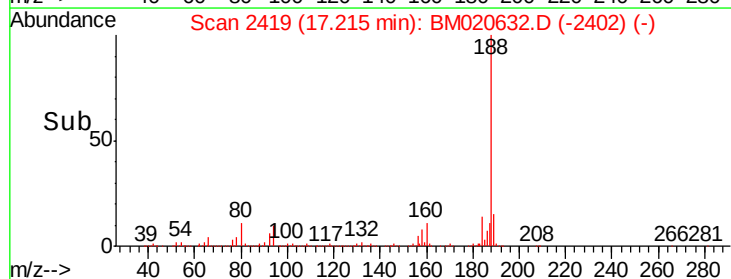


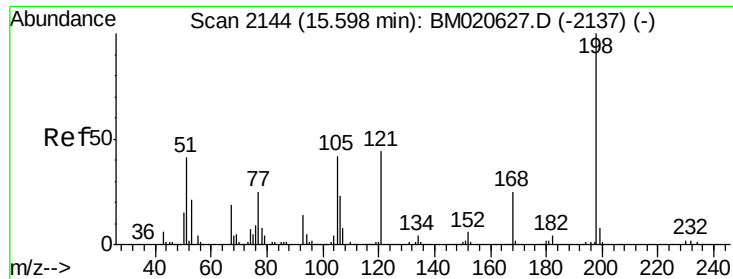
Abundance

Ion 188.00 (187.70 to 188.70): BM020632.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020632.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020632.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.724 ng

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

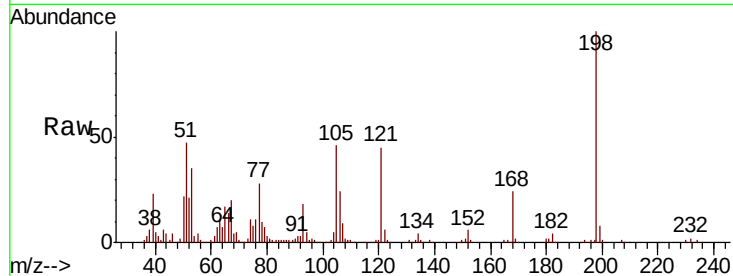
Tot Ion:198 Resp: 242502

Ion Ratio Lower Upper

198 100

51 46.7 27.7 67.7

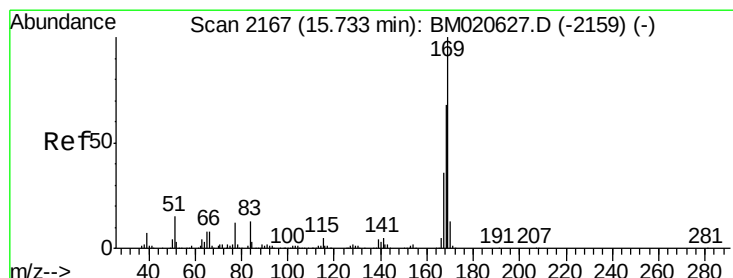
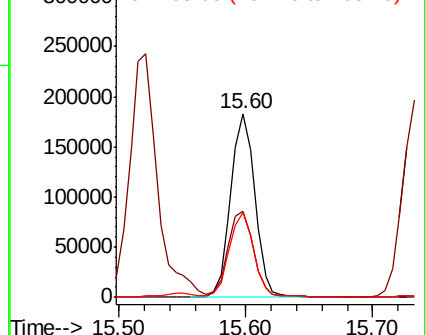
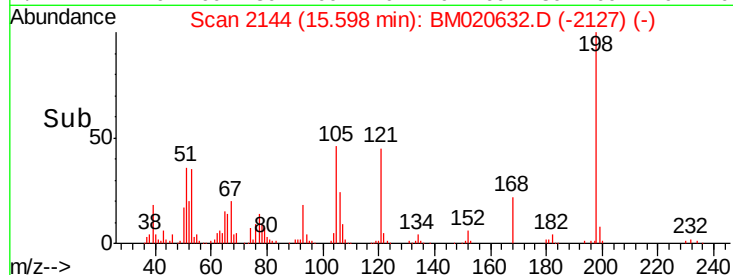
105 45.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.051 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

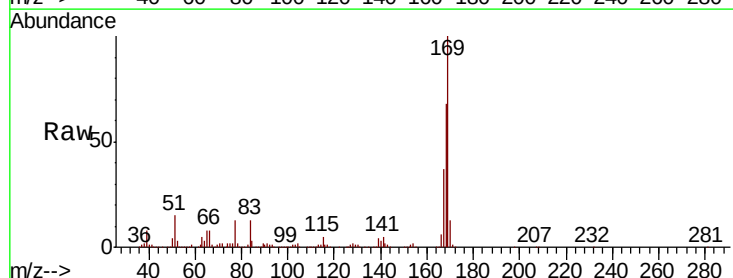
Tgt Ion:169 Resp: 1791718

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

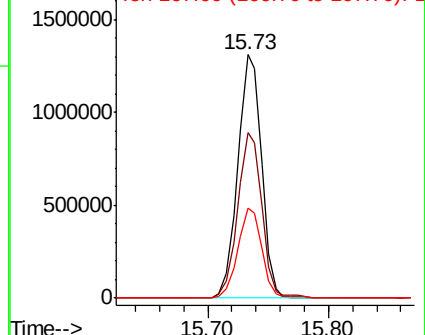
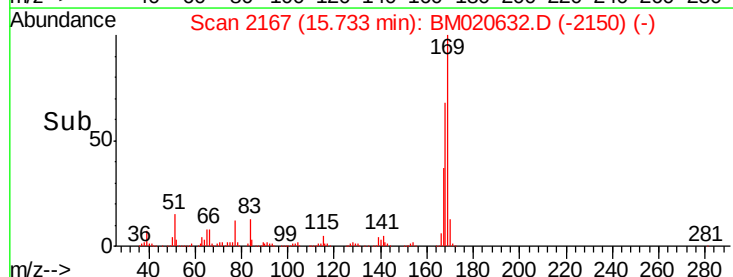
167 36.8 29.1 43.7

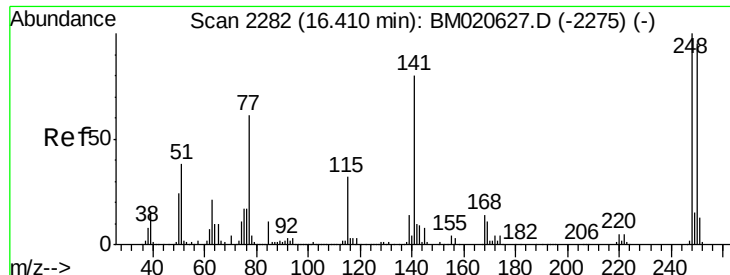


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.674 ng

RT: 16.42 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

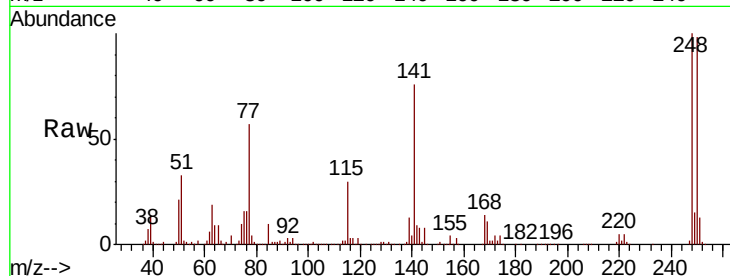
Tot Ion:248 Resp: 652927

Ion Ratio Lower Upper

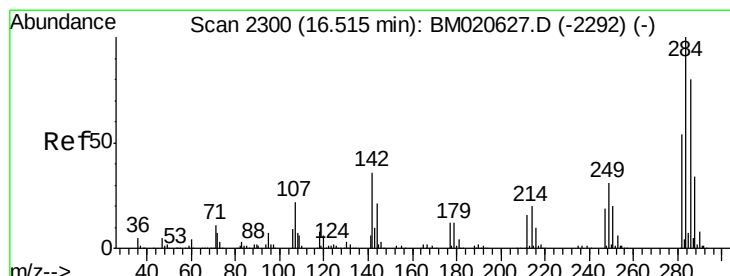
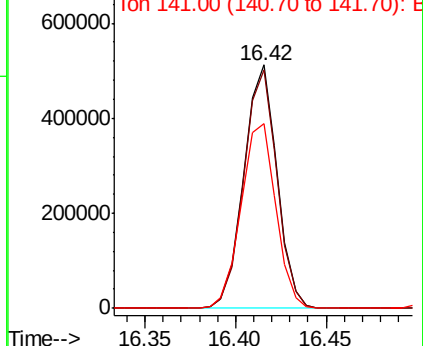
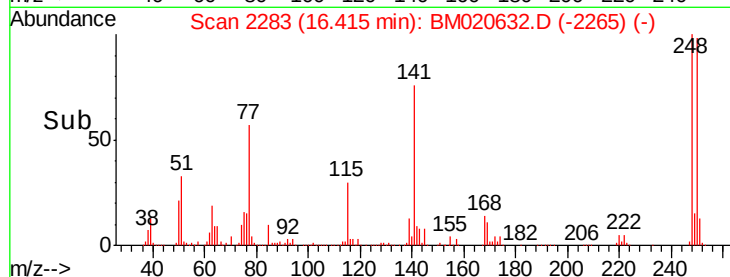
248 100

250 98.0 76.3 114.5

141 75.7 64.2 96.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.595 ng

RT: 16.52 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

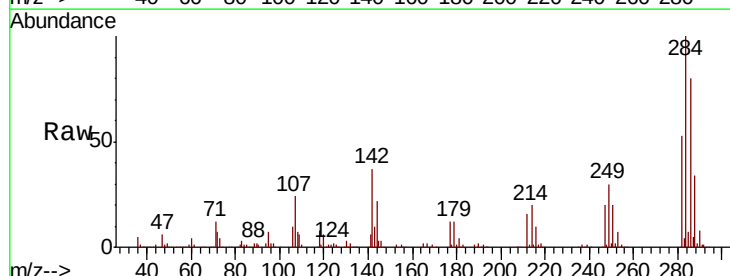
Tgt Ion:284 Resp: 760945

Ion Ratio Lower Upper

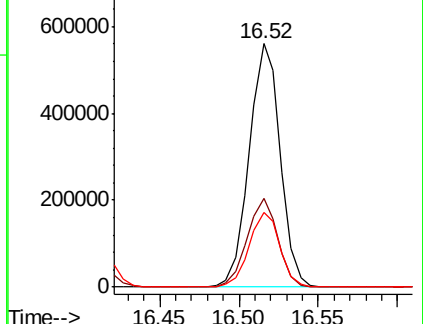
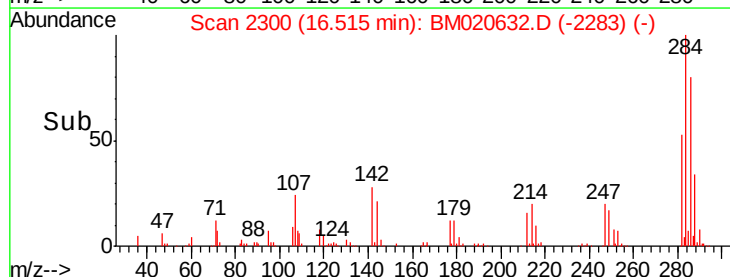
284 100

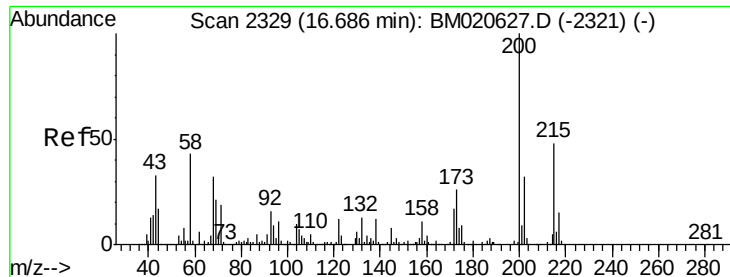
142 36.6 28.6 42.8

249 30.4 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.571 ng

RT: 16.69 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

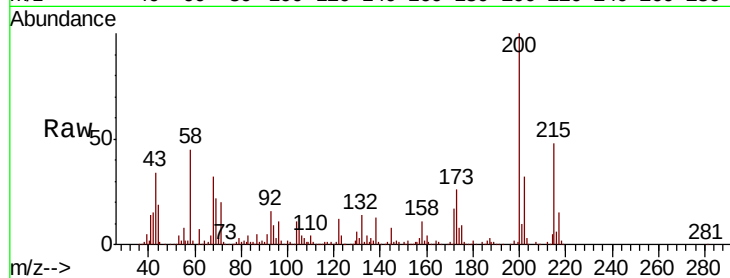
Tot Ion:200 Resp: 554546

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

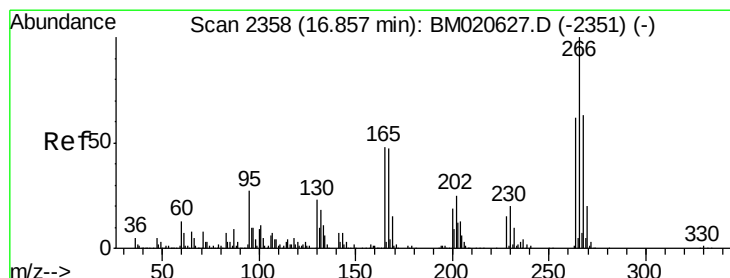
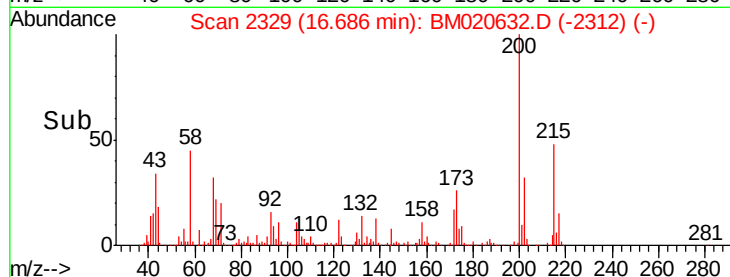
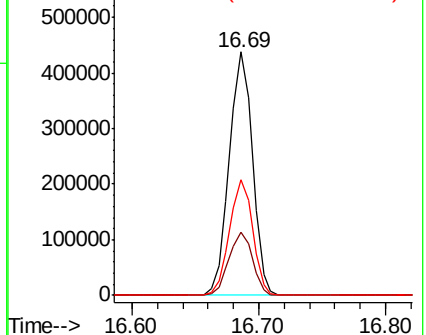
215 47.6 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.647 ng

RT: 16.86 min Scan# 2359

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

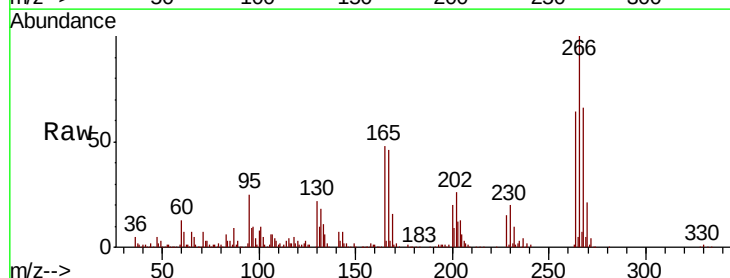
Tgt Ion:266 Resp: 372433

Ion Ratio Lower Upper

266 100

268 66.4 50.6 75.8

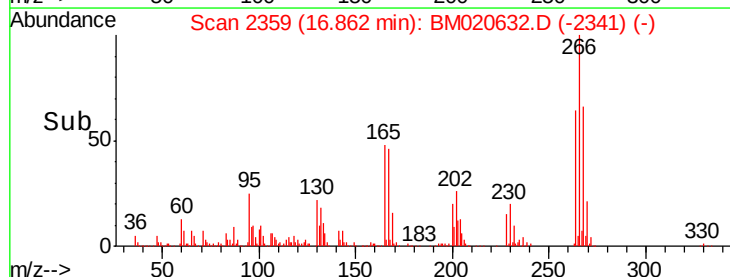
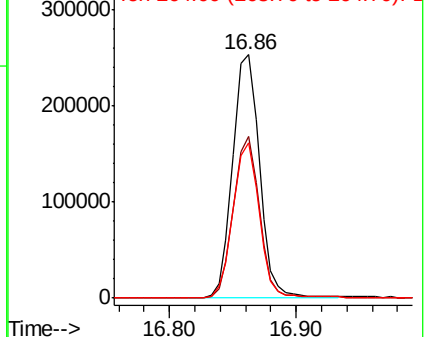
264 63.8 49.6 74.4

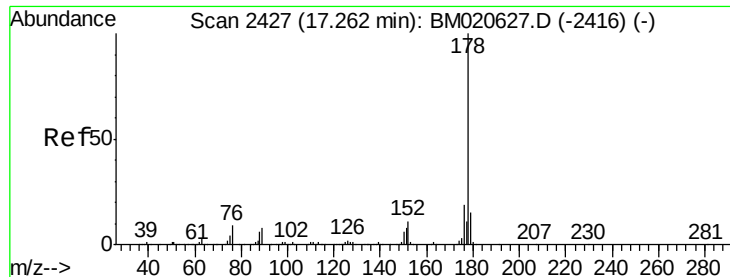


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

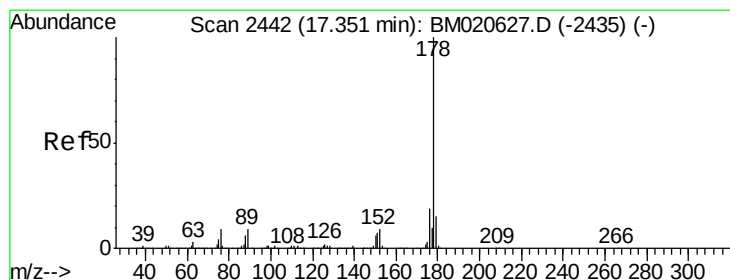
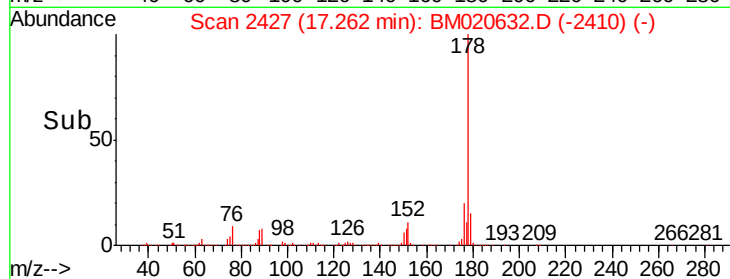
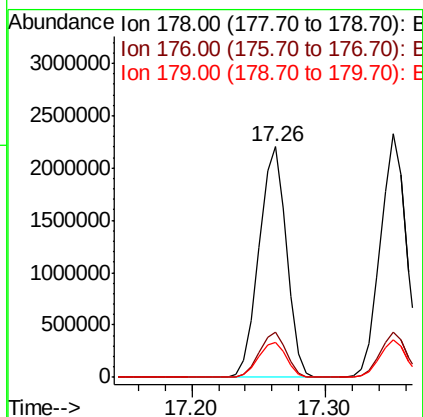
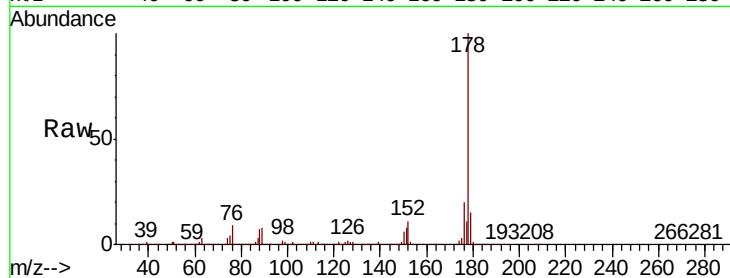




#71
Phenanthrene
Concen: 40.275 ng
RT: 17.26 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

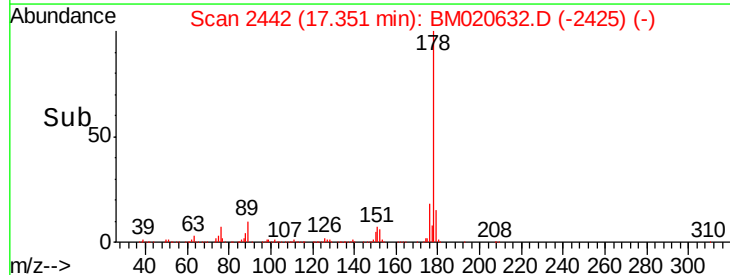
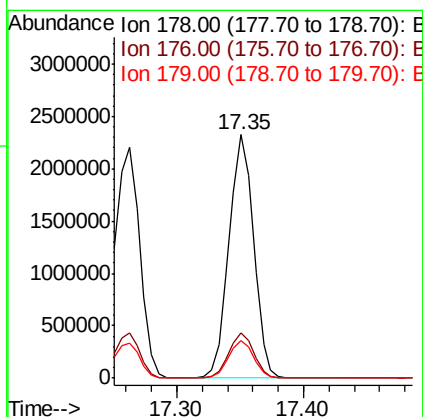
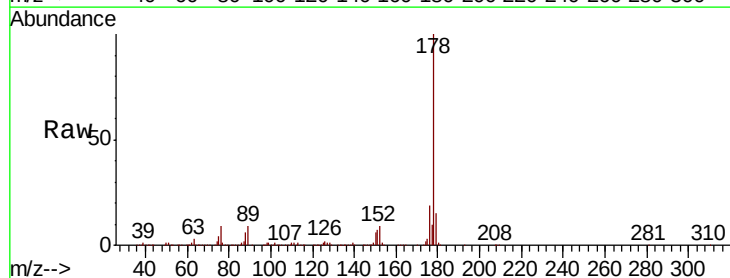
Instrument :
BNA_M
ClientSampleId :
ICVBM053119

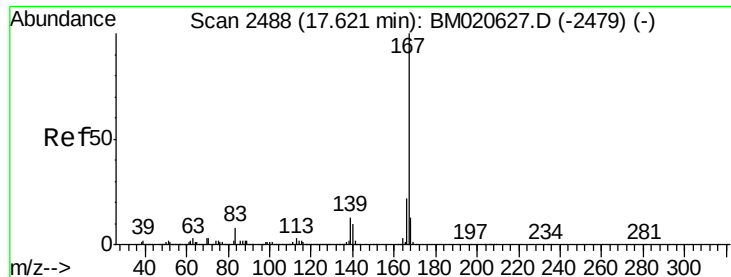
Tot Ion:178 Resp: 3112542
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.289 ng
RT: 17.35 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:178 Resp: 3116384
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.3 18.5





#73

Carbazole

Concen: 39.613 ng

RT: 17.62 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

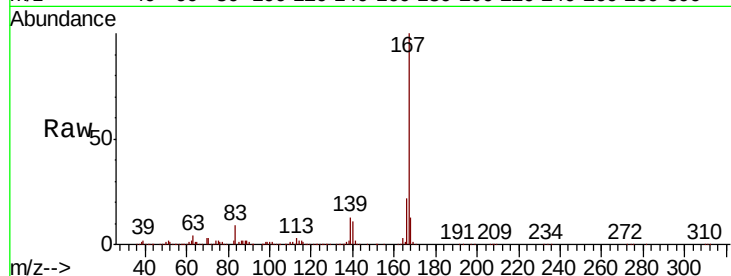
Tot Ion:167 Resp: 2780544

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

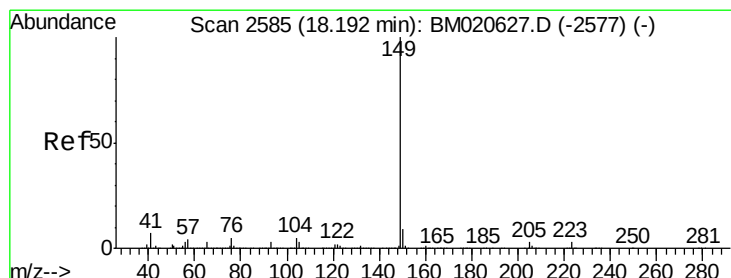
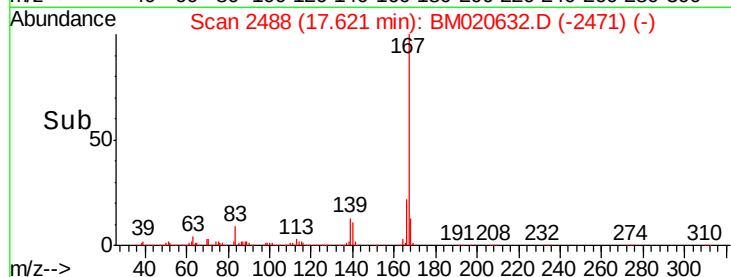
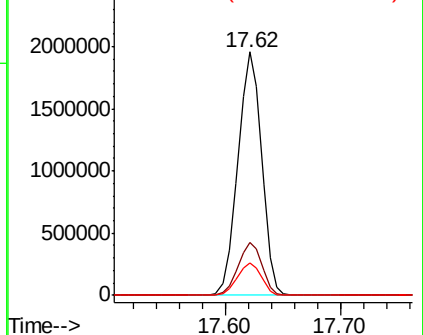
139 13.3 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.697 ng

RT: 18.19 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

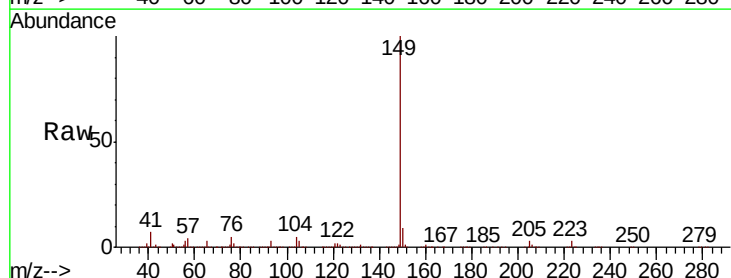
Tgt Ion:149 Resp: 3617189

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

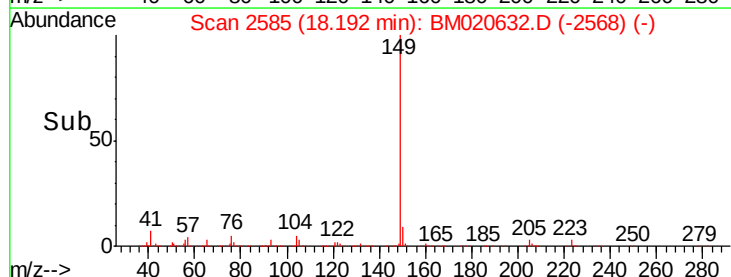
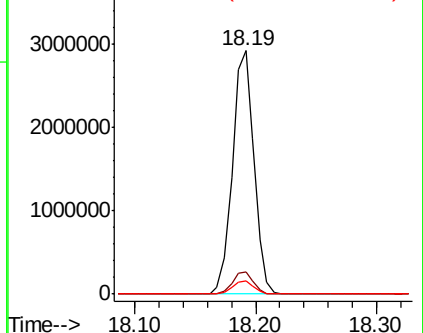
104 5.3 4.2 6.2

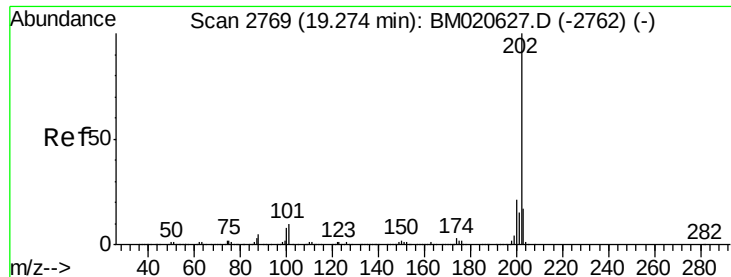


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.644 ng

RT: 19.27 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

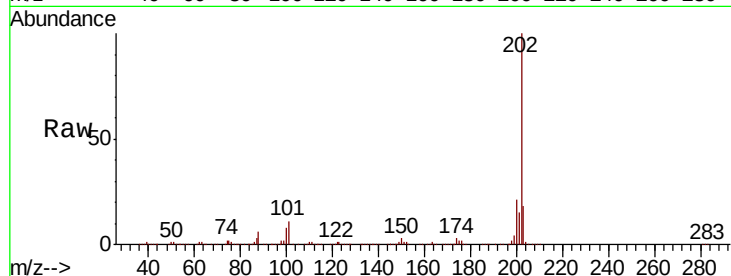
Tot Ion:202 Resp: 3321268

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

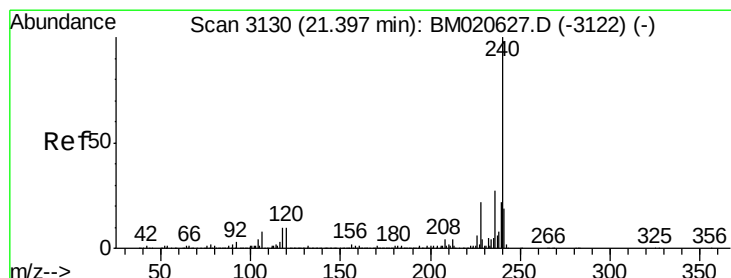
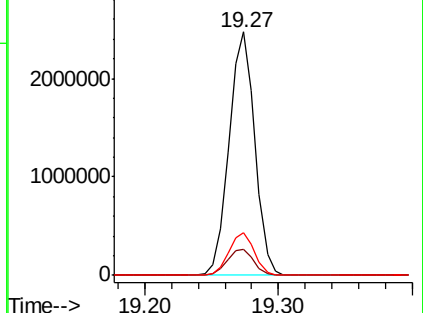
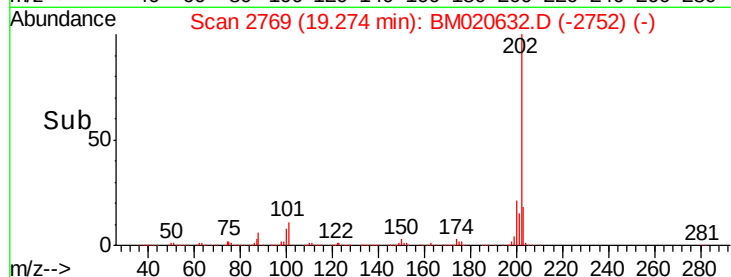
203 17.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

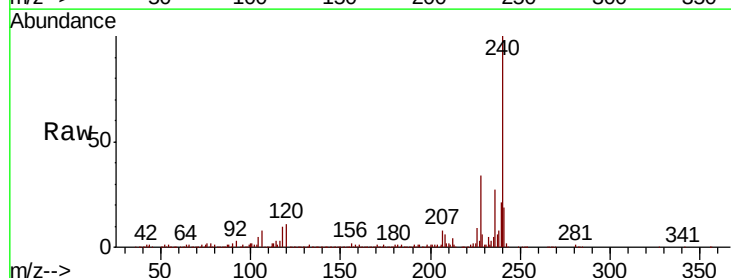
Tgt Ion:240 Resp: 1098343

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

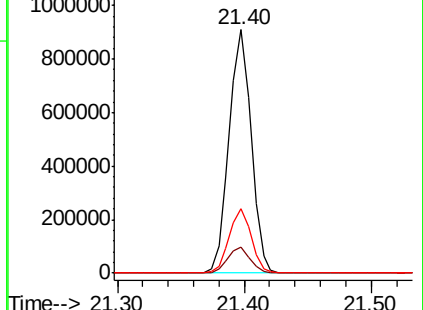
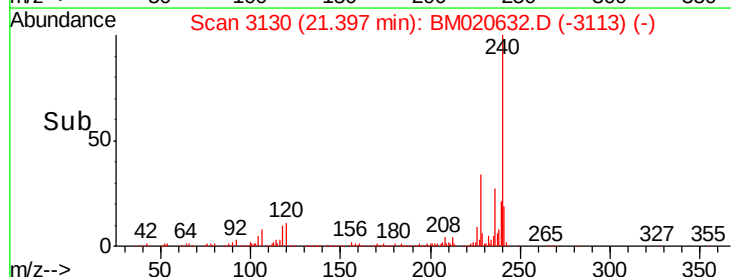
236 26.6 21.2 31.8

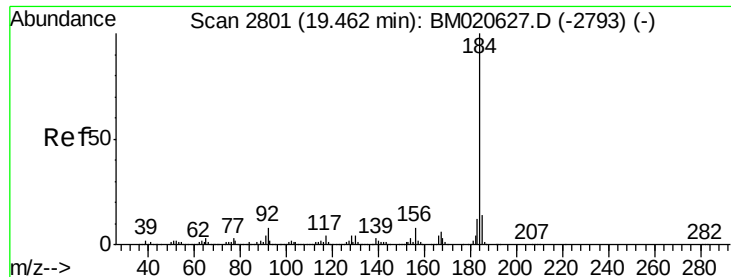


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.724 ng

RT: 19.46 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

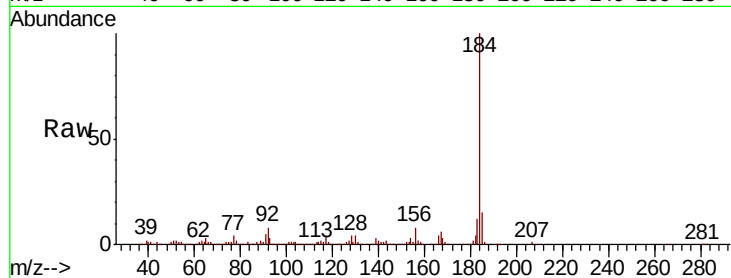
Tot Ion:184 Resp: 1355337

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

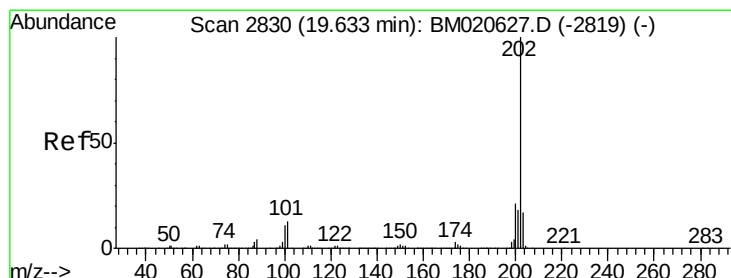
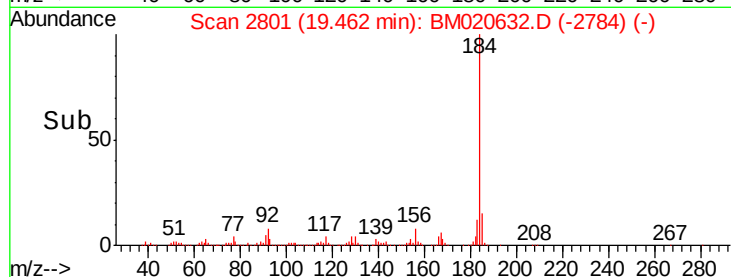
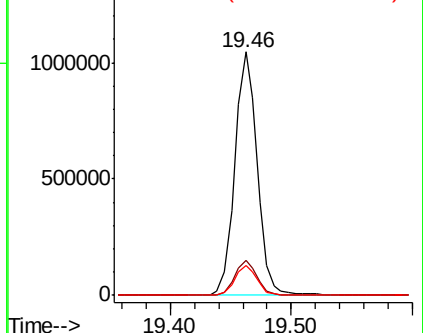
183 12.2 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.062 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

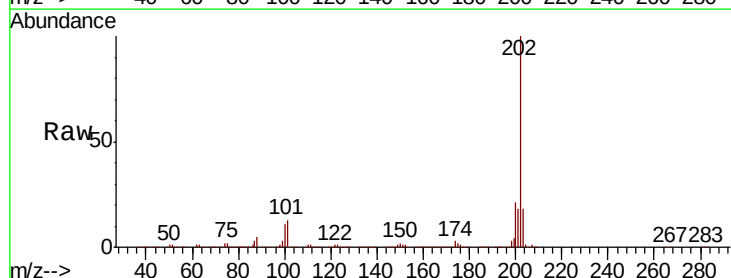
Tgt Ion:202 Resp: 3376608

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

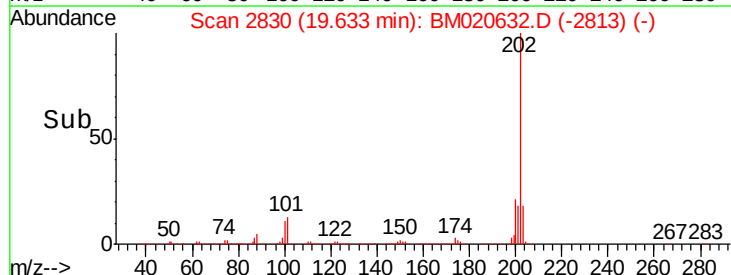
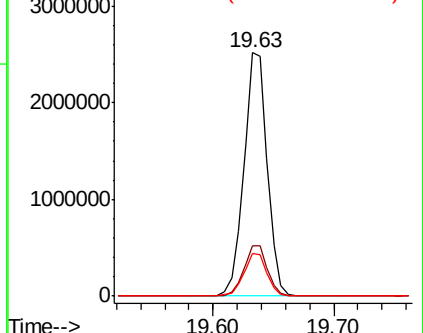
203 17.7 13.9 20.9

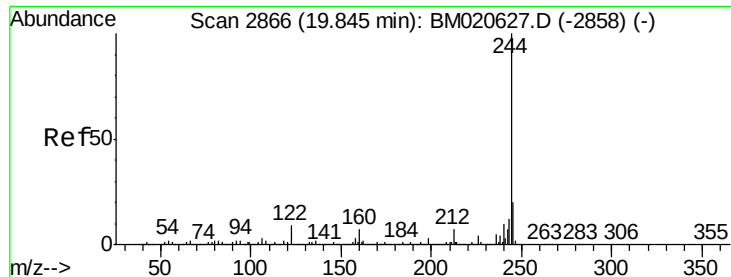


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.613 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

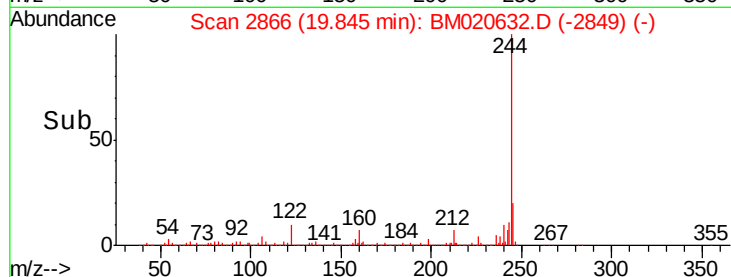
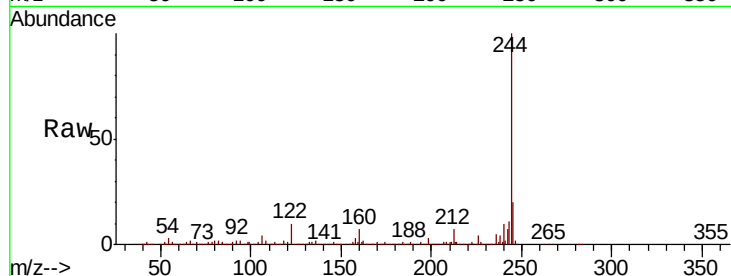
Tot Ion:244 Resp: 5359098

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

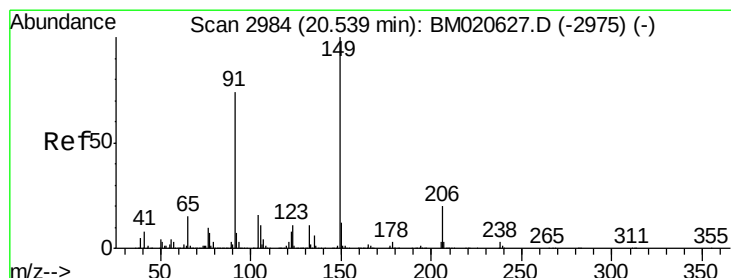
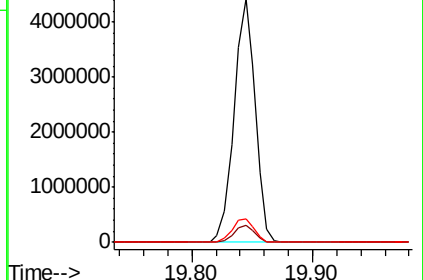
122 9.7 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.022 ng

RT: 20.54 min Scan# 2985

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

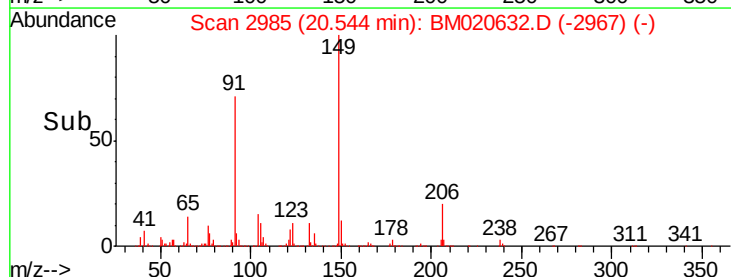
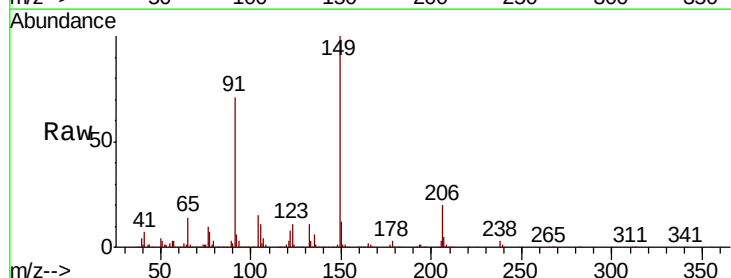
Tgt Ion:149 Resp: 1425562

Ion Ratio Lower Upper

149 100

91 70.7 59.6 89.4

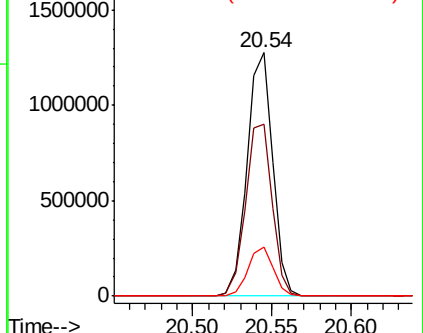
206 20.4 15.7 23.5

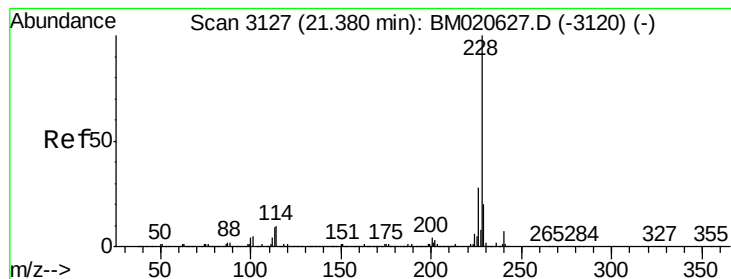


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.064 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

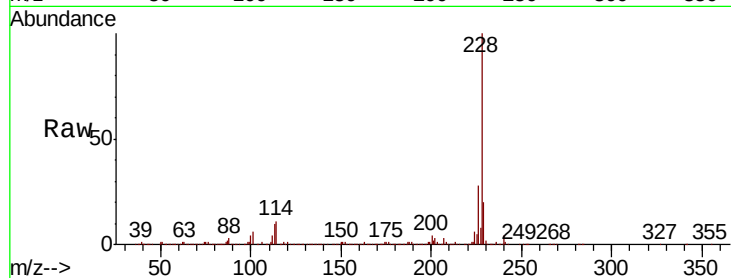
Tot Ion:228 Resp: 3064364

Ion Ratio Lower Upper

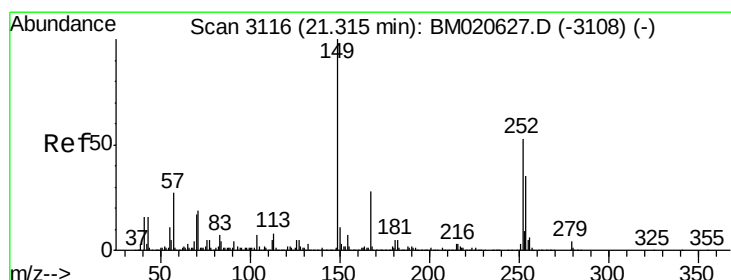
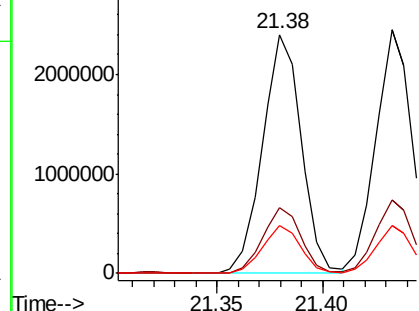
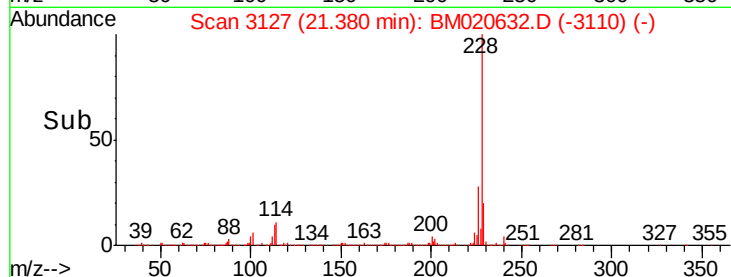
228 100

226 27.7 22.3 33.5

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.090 ng

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

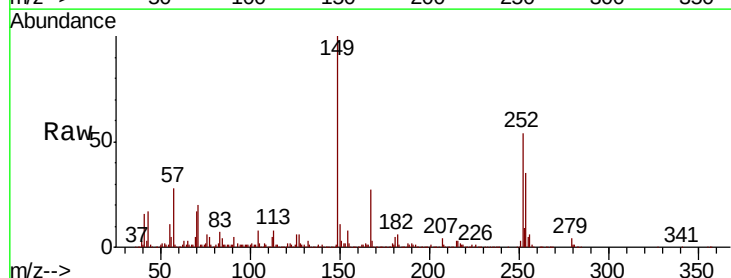
Tgt Ion:252 Resp: 1150879

Ion Ratio Lower Upper

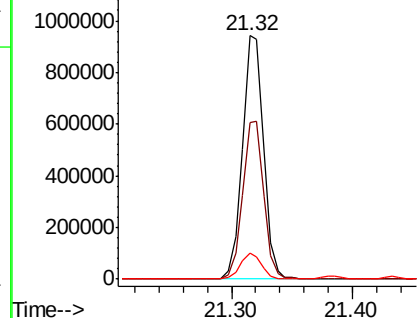
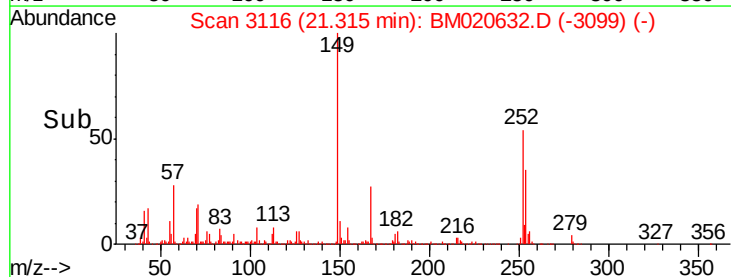
252 100

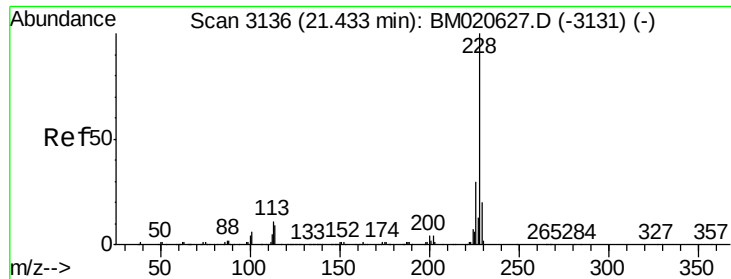
254 64.4 52.6 78.8

126 10.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.120 ng

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

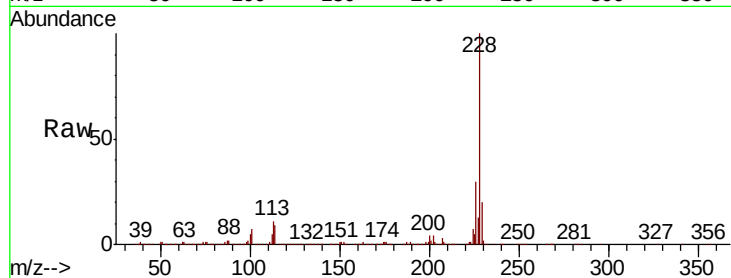
Tot Ion:228 Resp: 2916942

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

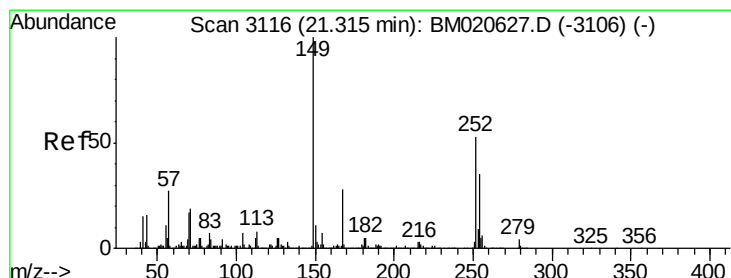
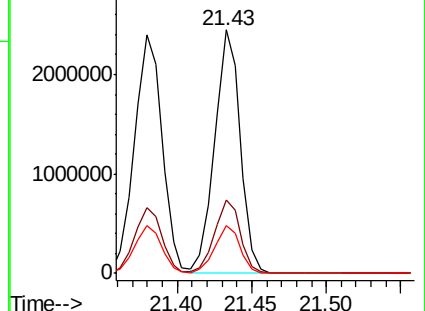
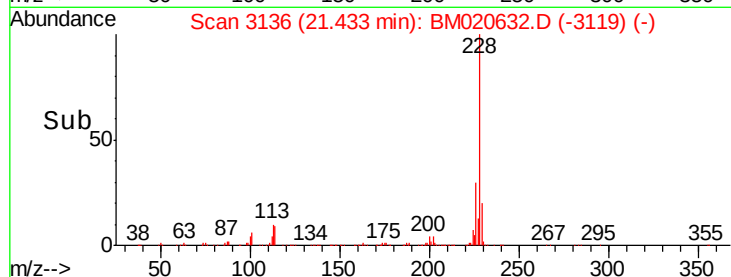
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.708 ng

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

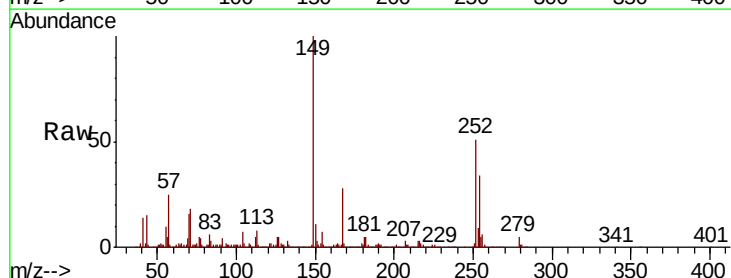
Tgt Ion:149 Resp: 2055590

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

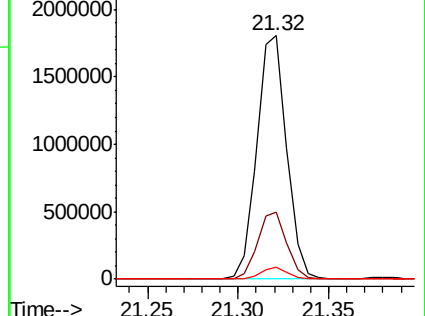
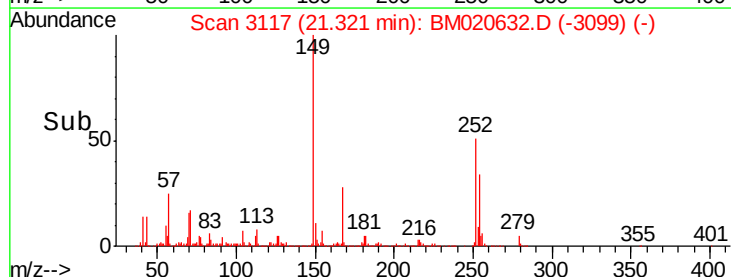
279 4.9 3.4 5.0

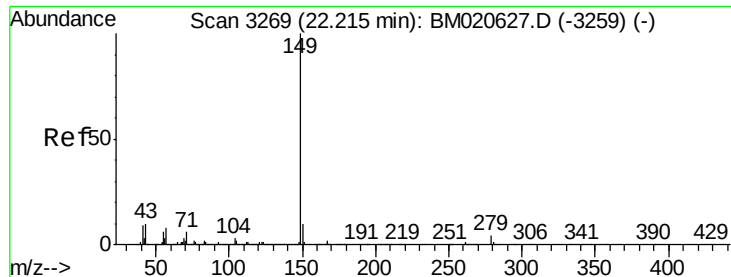


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

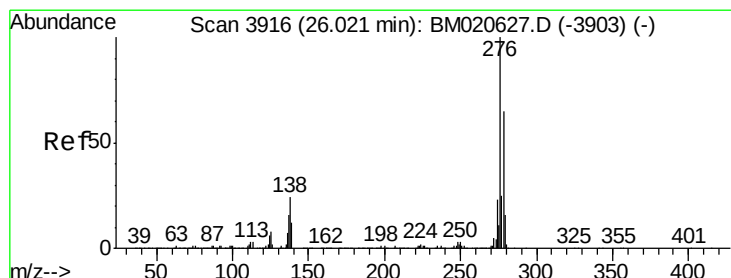
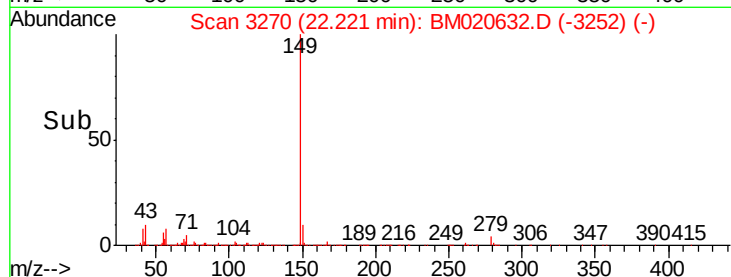
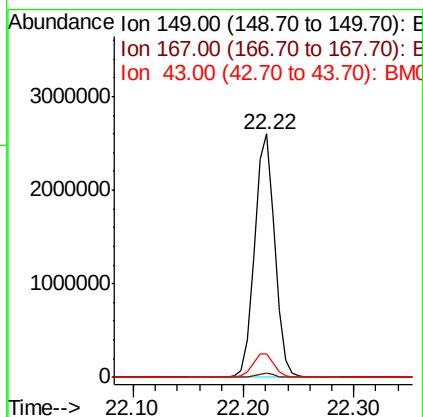
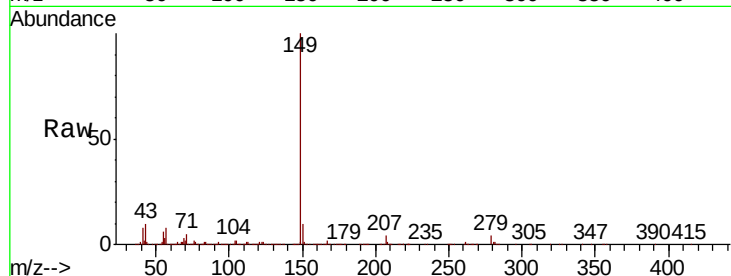




#85
Di-n-octyl phthalate
Concen: 40.568 ng
RT: 22.22 min Scan# 3270
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

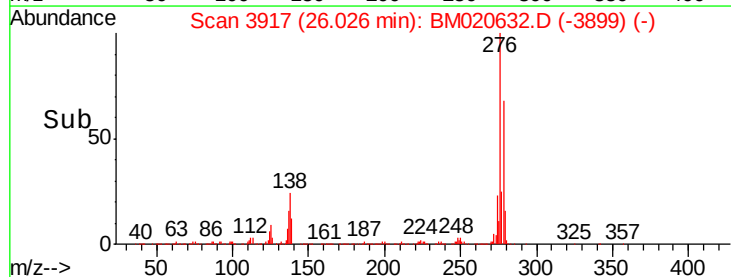
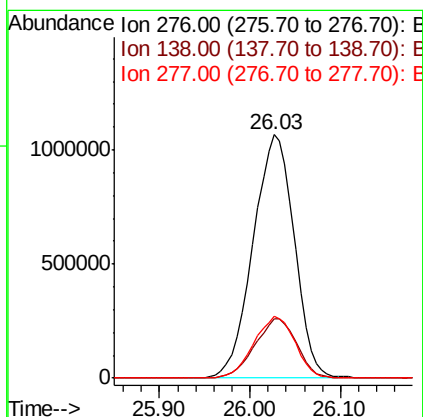
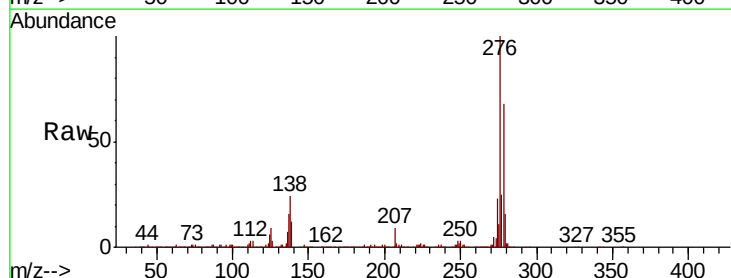
Instrument :
BNA_M
ClientSampleId :
ICVBM053119

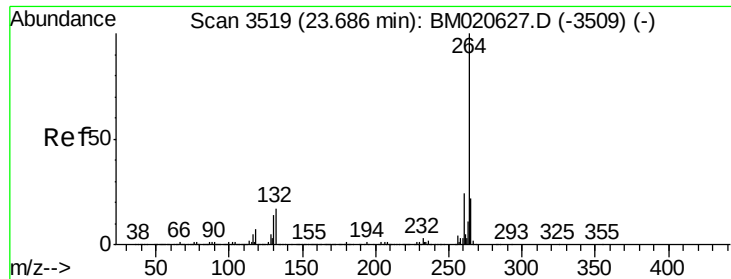
Tot Ion:149 Resp: 3334223
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.2 12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.186 ng
RT: 26.03 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:276 Resp: 3360988
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.8
277 25.4 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.69 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

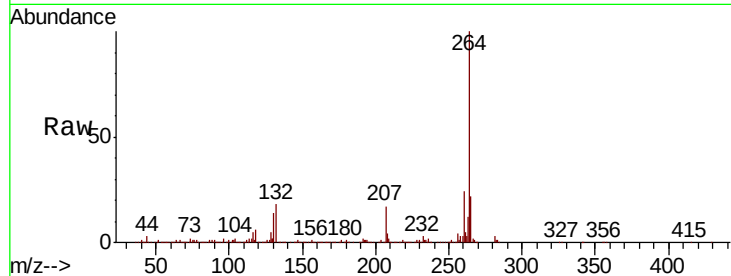
BNA_M

ClientSampleId :

ICVBM053119

Tot Ion:264 Resp: 1148097

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.6	26.4

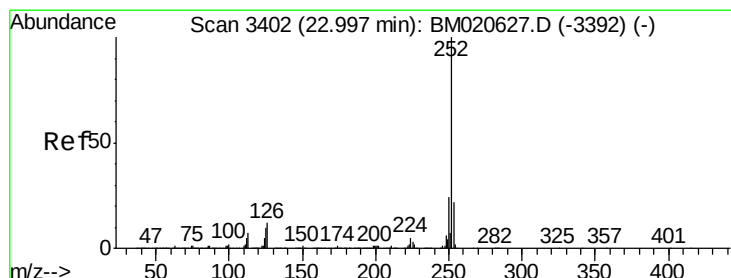
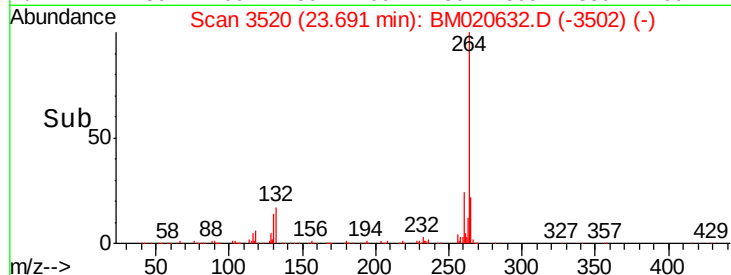
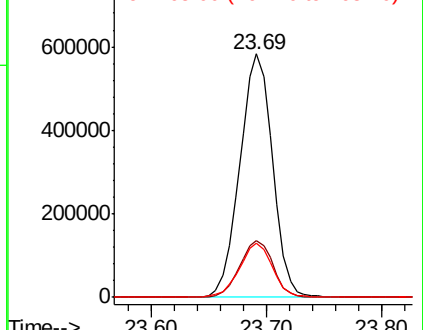


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.099 ng

RT: 23.00 min Scan# 3402

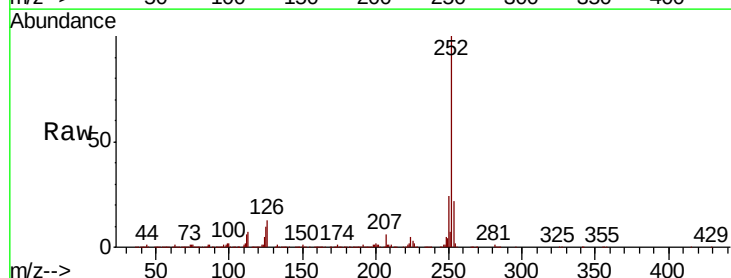
Delta R.T. -0.00 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Tgt Ion:252 Resp: 2891062

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.1	7.8	11.8

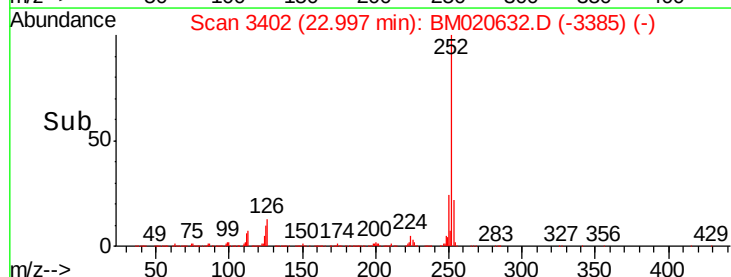
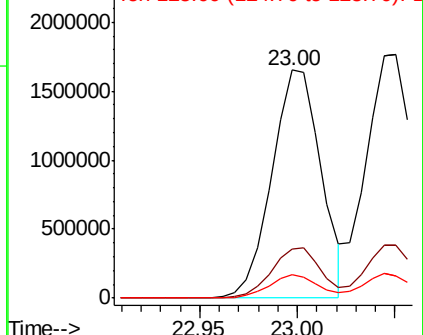


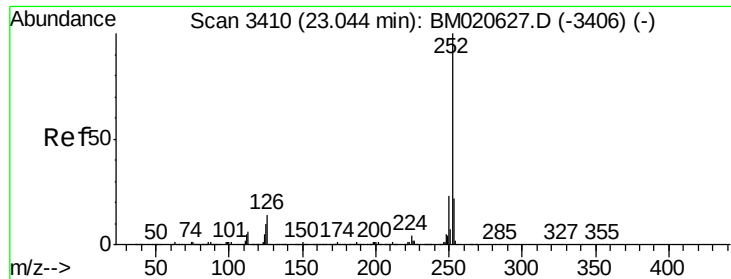
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

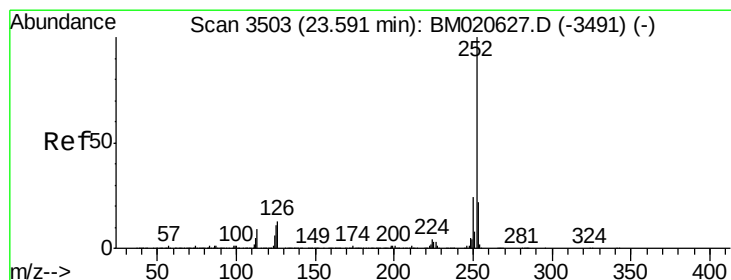
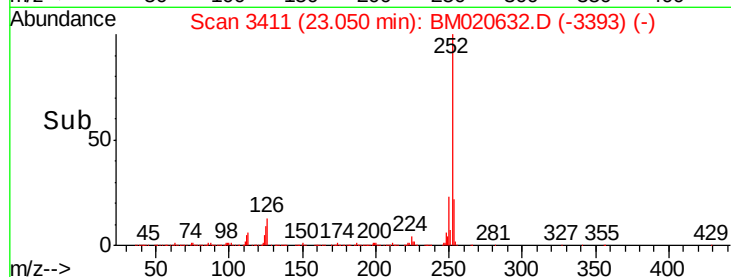
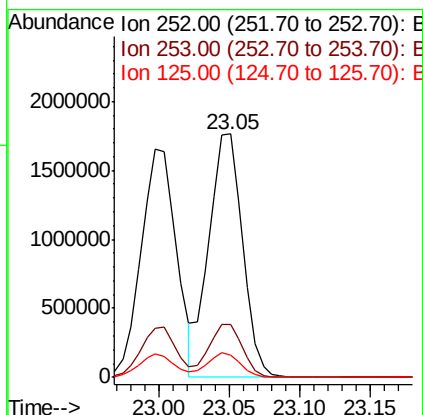
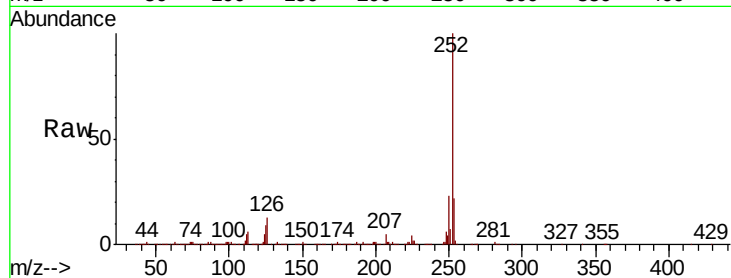




#89
Benzo(k)fluoranthene
Concen: 39.461 ng
RT: 23.05 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

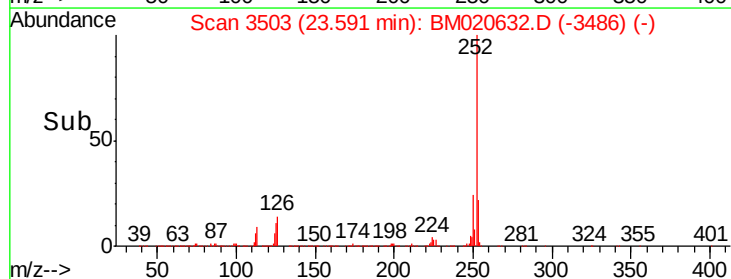
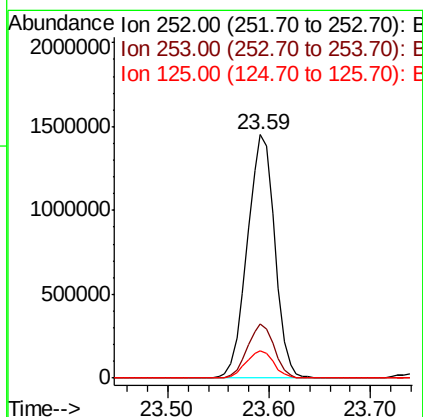
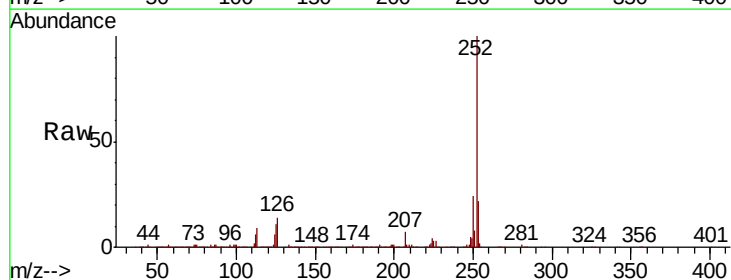
Instrument :
BNA_M
ClientSampleId :
ICVBM053119

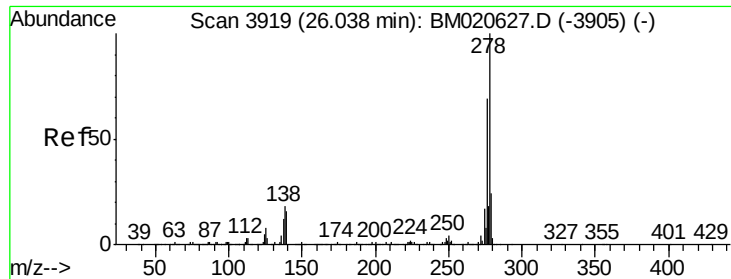
Tot Ion:252 Resp: 2926241
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 39.521 ng
RT: 23.59 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BM020632.D
Acq: 31 May 2019 15:57

Tgt Ion:252 Resp: 2720203
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.858 ng

RT: 26.04 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

Instrument :

BNA_M

ClientSampleId :

ICVBM053119

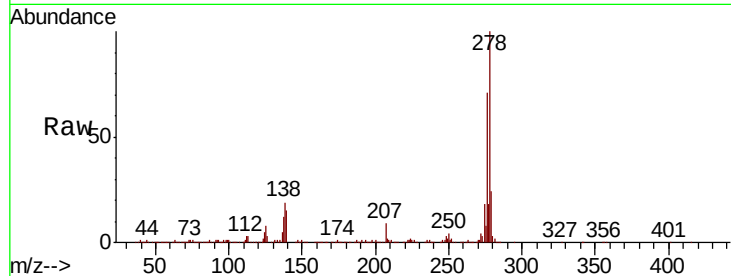
Tot Ion:278 Resp: 2795109

Ion Ratio Lower Upper

278 100

139 15.4 12.6 18.8

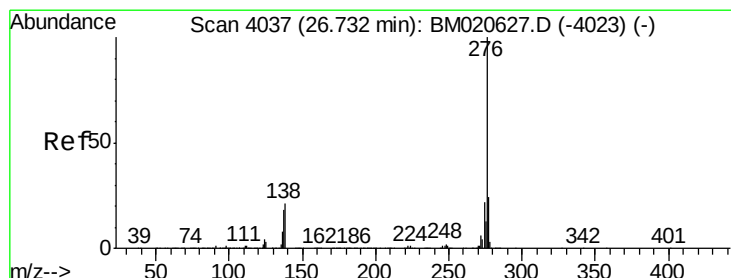
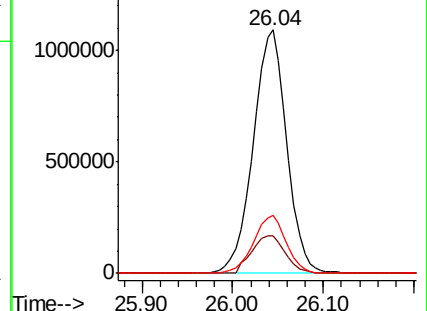
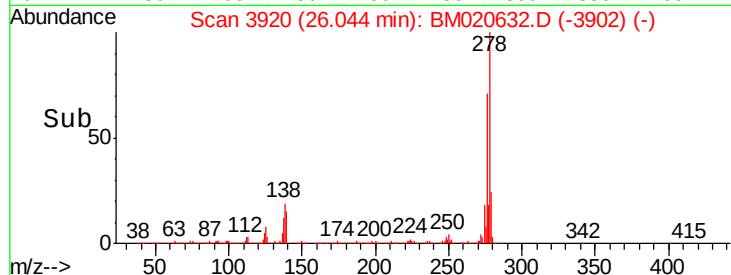
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.337 ng

RT: 26.74 min Scan# 4038

Delta R.T. 0.01 min

Lab File: BM020632.D

Acq: 31 May 2019 15:57

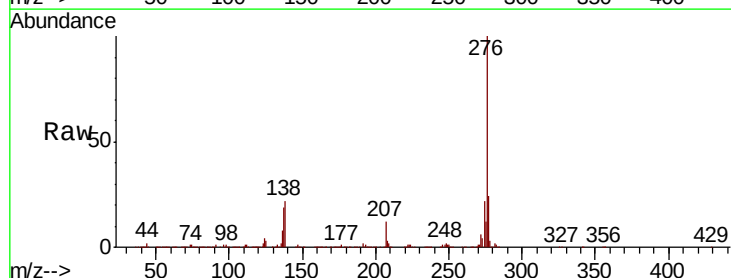
Tgt Ion:276 Resp: 2625951

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.5 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

