

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020717.D
 Acq On : 05 Jun 2019 01:29
 Operator : HP/JU
 Sample : PB120308BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Quant Time: Jun 05 03:30:38 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	7.82	152	322579	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1216293	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	623241	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1221840	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1061144	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1241705	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2517895	137.30	ng	0.00
7) Phenol-d6	6.99	99	3231269	119.67	ng	0.00
23) Nitrobenzene-d5	8.99	82	1960467	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1055292	136.66	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4203445	89.66	ng	-0.01
79) Terphenyl-d14	19.83	244	4873157	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	303184	40.381	ng	97
3) Pyridine	3.74	79	873465	36.565	ng	98
4) n-Nitrosodimethylamine	3.66	42	390915	37.962	ng	96
6) Aniline	7.16	93	1062024	27.182	ng	98
8) 2-Chlorophenol	7.39	128	968413	42.449	ng	98
9) Benzaldehyde	6.97	77	300170	15.421	ng	96
10) Phenol	7.02	94	1179048	40.518	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	885818	38.198	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1037751	39.580	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1051886	39.464	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1007615	38.845	ng	99
15) Benzyl Alcohol	8.06	79	854122	35.756	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1217221	33.997	ng	98
17) 2-Methylphenol	8.26	107	780112	38.125	ng	98
18) Hexachloroethane	8.90	117	384732	37.700	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	713804	32.886	ng	97
20) 3+4-Methylphenols	8.59	107	1029866	36.993	ng	98
22) Acetophenone	8.65	105	1351241	43.732	ng	98
24) Nitrobenzene	9.03	77	1054375	43.996	ng	98
25) Isophorone	9.55	82	1838468	39.371	ng	100
26) 2-Nitrophenol	9.73	139	452562	50.669	ng	98
27) 2,4-Dimethylphenol	9.79	122	823350	49.195	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1137557	40.290	ng	100
29) 2,4-Dichlorophenol	10.26	162	843577	45.557	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	951740	44.700	ng	99
31) Naphthalene	10.67	128	2750998	43.984	ng	100
32) Benzoic acid	9.92	122	439027	42.352	ng	99
33) 4-Chloroaniline	10.78	127	474336	16.296	ng	97
34) Hexachlorobutadiene	10.94	225	554878	43.434	ng	99
35) Caprolactam	11.57	113	219743	34.160	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	851396	39.547	ng	99
37) 2-Methylnaphthalene	12.27	142	1957743	42.229	ng	100
38) 1-Methylnaphthalene	12.50	142	1851240	41.937	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1001200	49.020	ng	99

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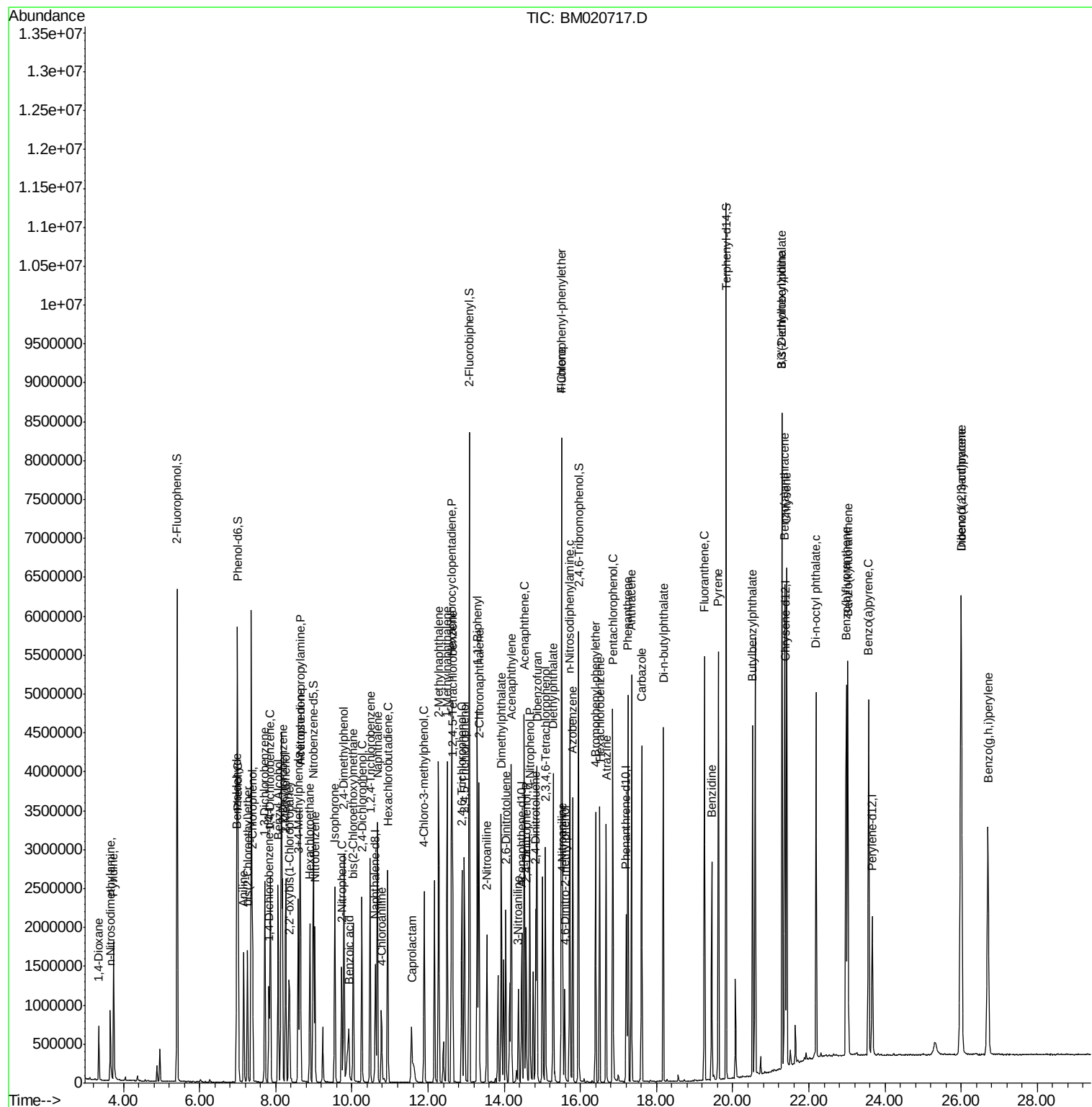
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247728	102.146	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	623853	47.453	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	662724	48.828	ng	97
46) 1,1'-Biphenyl	13.29	154	2405277	46.210	ng	98
47) 2-Chloronaphthalene	13.33	162	1871440	44.547	ng	98
48) 2-Nitroaniline	13.54	65	519092	39.369	ng	90
49) Acenaphthylene	14.18	152	2885654	44.023	ng	100
50) Dimethylphthalate	13.92	163	2171463	40.781	ng	100
51) 2,6-Dinitrotoluene	14.04	165	467772	43.265	ng	89
52) Acenaphthene	14.53	154	1691743	43.309	ng	99
53) 3-Nitroaniline	14.37	138	296569	24.575	ng	92
54) 2,4-Dinitrophenol	14.57	184	386309	82.778	ng	93
55) Dibenzofuran	14.86	168	2629152	43.336	ng	98
56) 4-Nitrophenol	14.67	139	756280	85.044	ng	94
57) 2,4-Dinitrotoluene	14.83	165	620596	42.869	ng	95
58) Fluorene	15.51	166	2064997	41.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	546983	46.249	ng	98
60) Diethylphthalate	15.29	149	2117879	38.566	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1090133	41.267	ng	96
62) 4-Nitroaniline	15.53	138	456398	35.660	ng	95
63) Azobenzene	15.80	77	2021940	38.405	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	238443	43.827	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1779260	45.489	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	632148	43.942	ng	97
68) Hexachlorobenzene	16.50	284	719208	42.814	ng	99
69) Atrazine	16.67	200	562179	48.157	ng	99
70) Pentachlorophenol	16.85	266	823870	102.804	ng	99
71) Phenanthrene	17.25	178	2990255	43.176	ng	100
72) Anthracene	17.34	178	3064893	44.215	ng	99
73) Carbazole	17.61	167	2642296	42.005	ng	99
74) Di-n-butylphthalate	18.17	149	3231366	39.572	ng	100
75) Fluoranthene	19.26	202	3219121	41.796	ng	99
77) Benzidine	19.45	184	1442393	44.859	ng	99
78) Pyrene	19.62	202	3252367	39.940	ng	100
80) Butylbenzylphthalate	20.52	149	1288470	37.442	ng	96
81) Benzo(a)anthracene	21.36	228	3068981	41.531	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	949747	35.098	ng	99
83) Chrysene	21.41	228	3031383	43.155	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1801161	36.013	ng	100
85) Di-n-octyl phthalate	22.19	149	3039277	38.276	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4361310	60.690	ng	99
88) Benzo(b)fluoranthene	22.98	252	3350035	40.819	ng	99
89) Benzo(k)fluoranthene	23.02	252	3385498	42.212	ng	100
90) Benzo(a)pyrene	23.57	252	3364955	45.203	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3666469	50.768	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3526269	52.567	ng	98

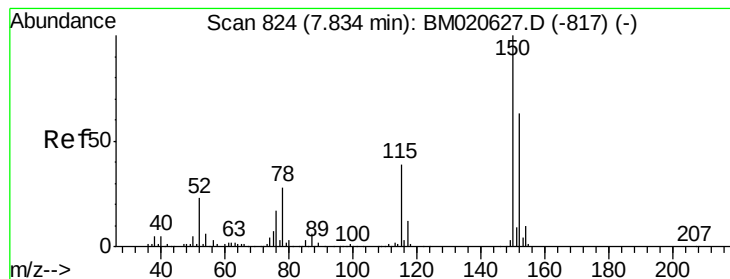
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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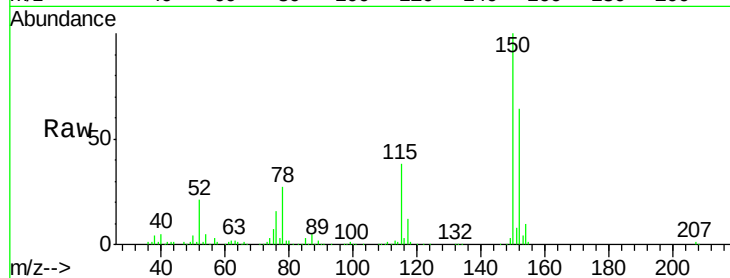


#1

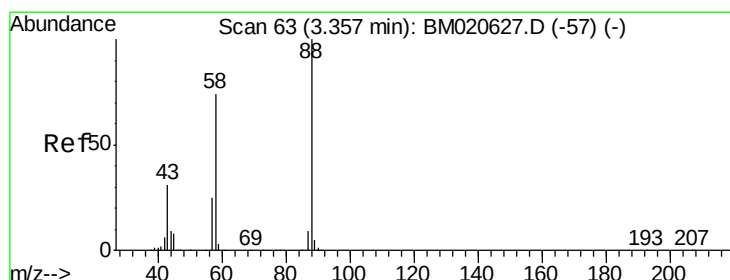
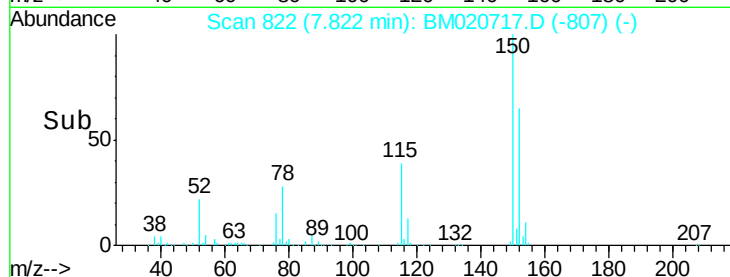
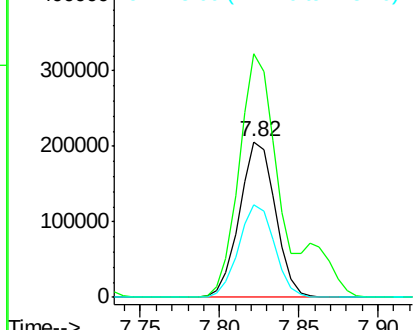
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:152 Resp: 322579
Ion Ratio Lower Upper
152 100
150 156.6 126.0 189.0
115 59.5 49.6 74.4



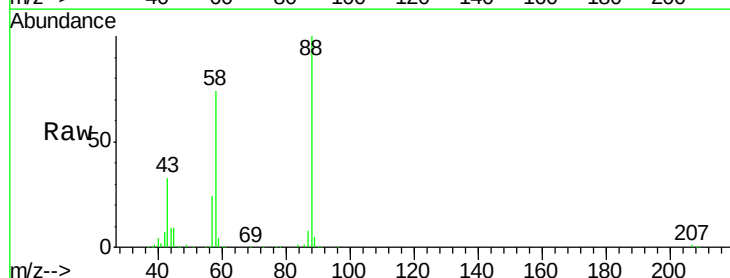
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



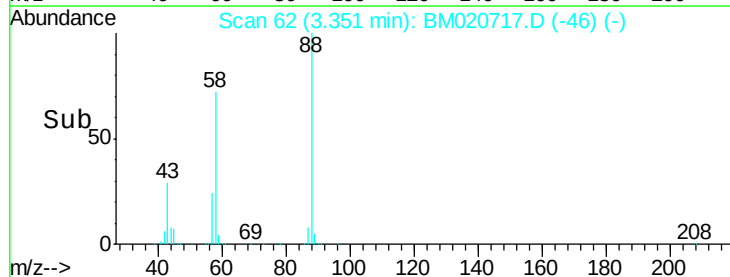
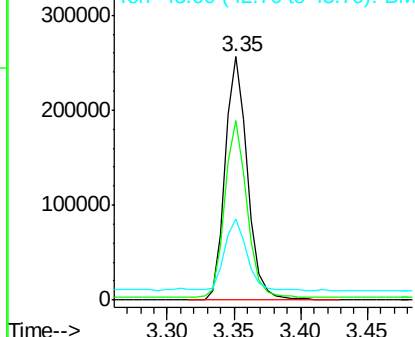
#2

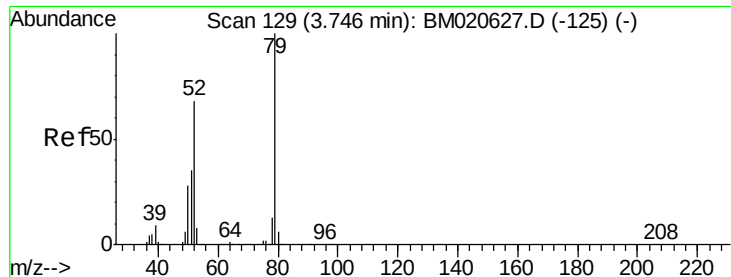
1,4-Dioxane
Concen: 40.381 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 88 Resp: 303184
Ion Ratio Lower Upper
88 100
58 72.2 60.2 90.4
43 30.2 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

Pyridine

Concen: 36.565 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

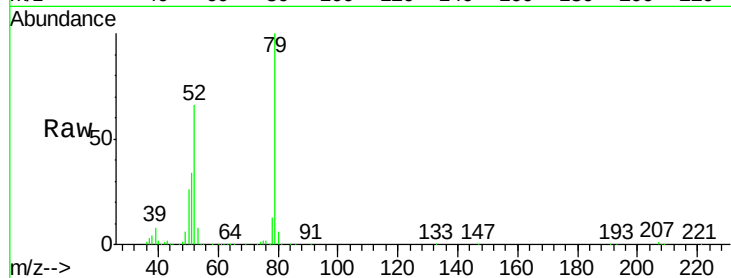
Tgt Ion: 79 Resp: 873465

Ion Ratio Lower Upper

79 100

52 66.0 54.1 81.1

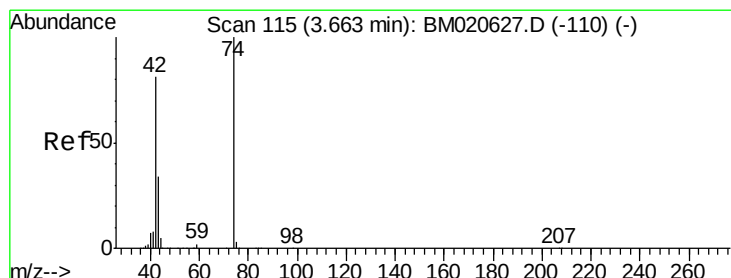
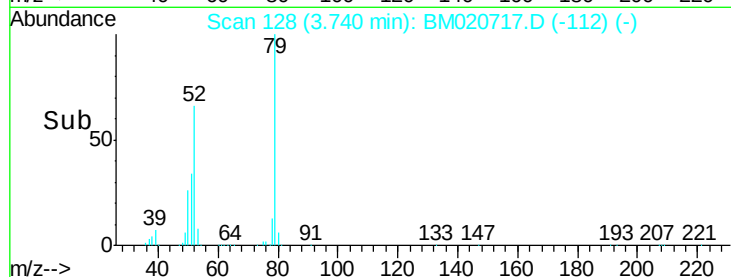
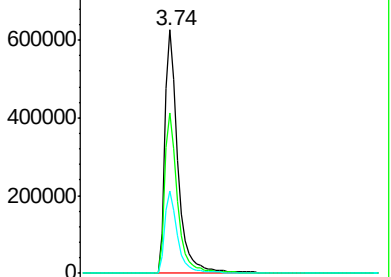
51 33.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020717.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020717.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020717.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 37.962 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

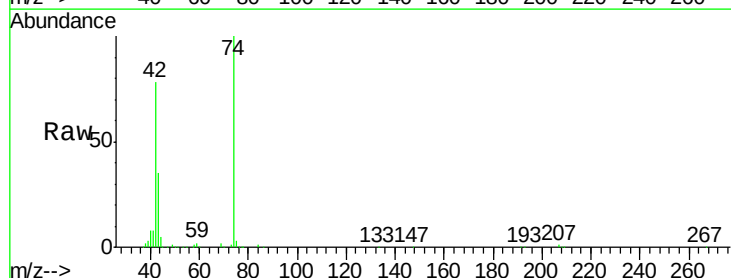
Tgt Ion: 42 Resp: 390915

Ion Ratio Lower Upper

42 100

74 128.8 99.4 149.0

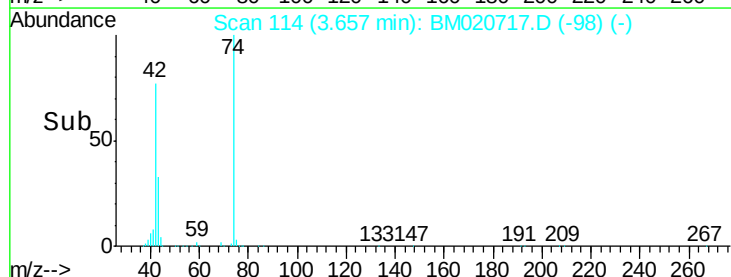
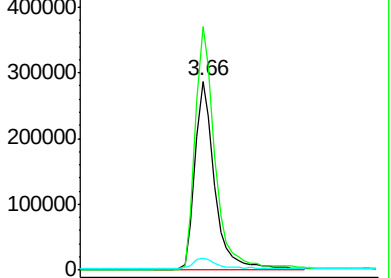
44 6.5 5.8 8.8

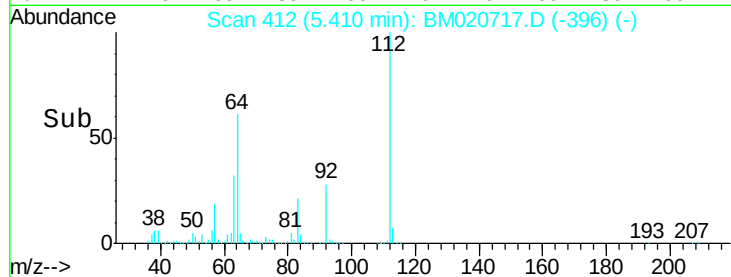
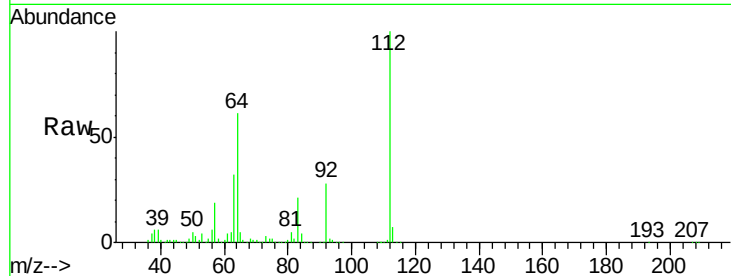
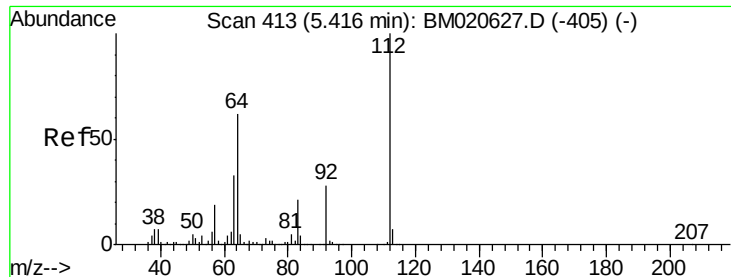


Abundance Ion 42.00 (41.70 to 42.70): BM020717.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BM020717.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BM020717.D (-98) (-)





#5

2-Fluorophenol

Concen: 137.304 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

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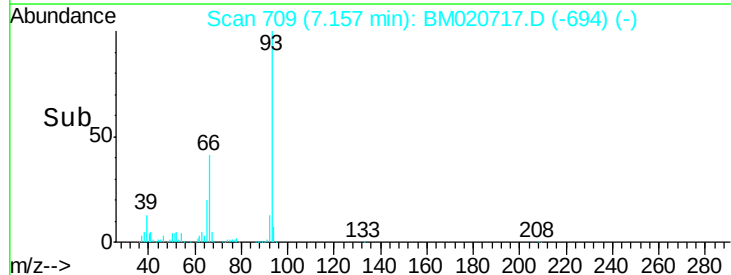
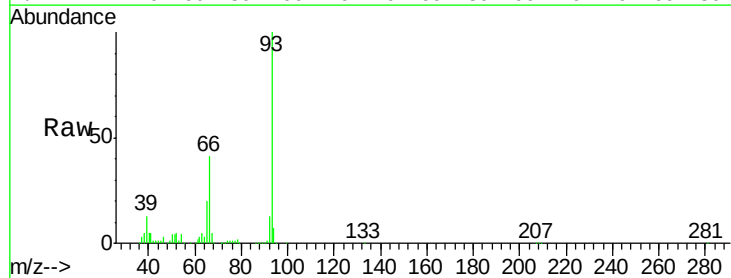
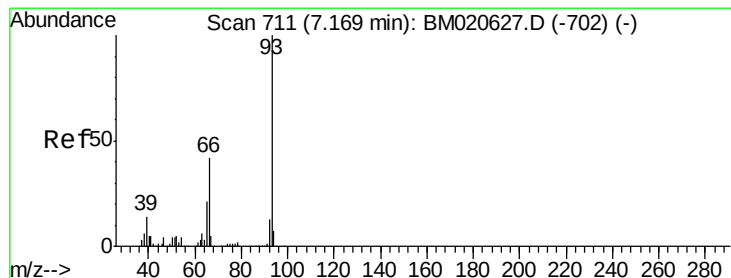
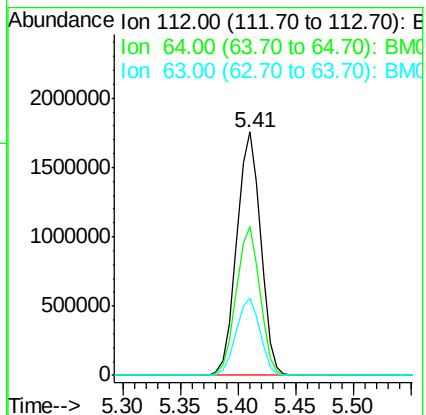
Tgt Ion:112 Resp: 2517895

Ion Ratio Lower Upper

112 100

64 61.2 49.7 74.5

63 31.8 26.4 39.6



#6

Aniline

Concen: 27.182 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

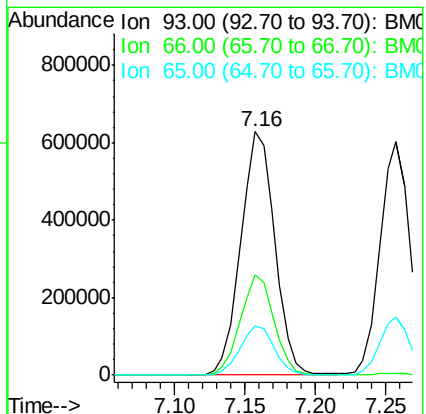
Tgt Ion: 93 Resp: 1062024

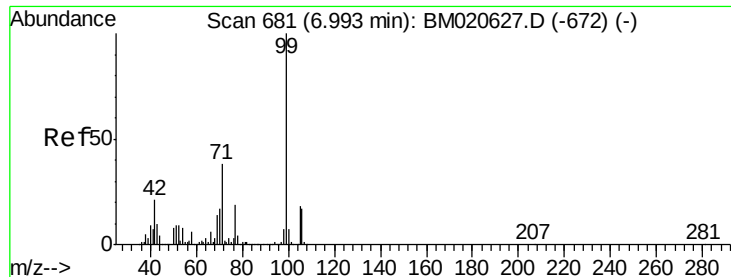
Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

65 20.2 16.7 25.1





#7

Phenol-d6

Concen: 119.667 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

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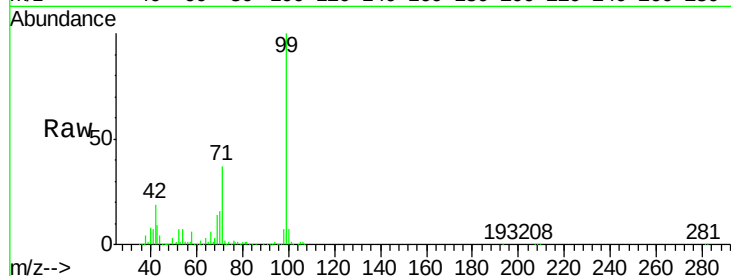
Tgt Ion: 99 Resp: 3231269

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

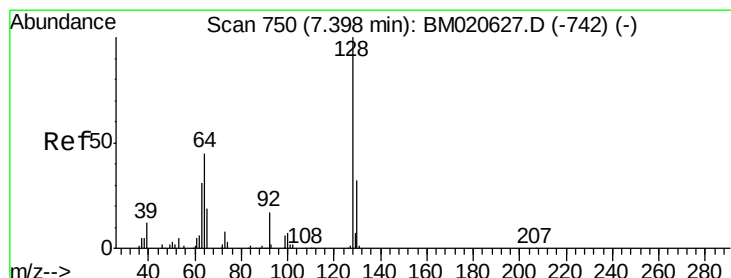
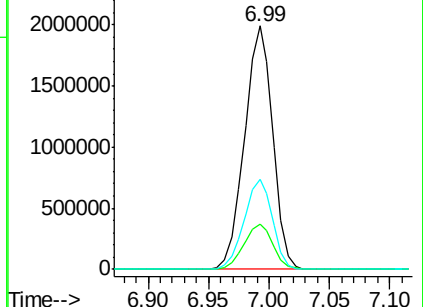
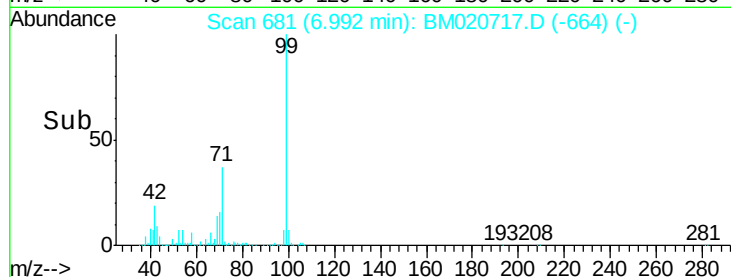
71 37.1 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020717.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020717.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020717.D (-664) (-)



#8

2-Chlorophenol

Concen: 42.449 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

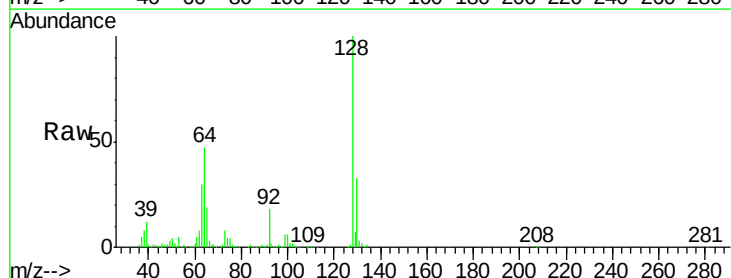
Tgt Ion: 128 Resp: 968413

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

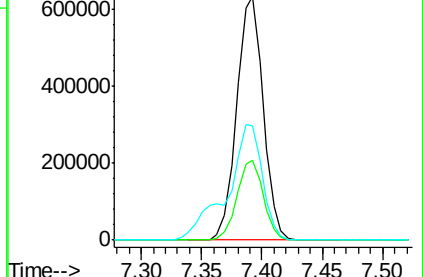
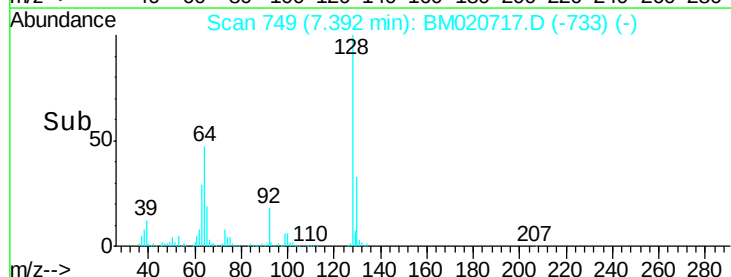
64 46.8 29.1 69.1

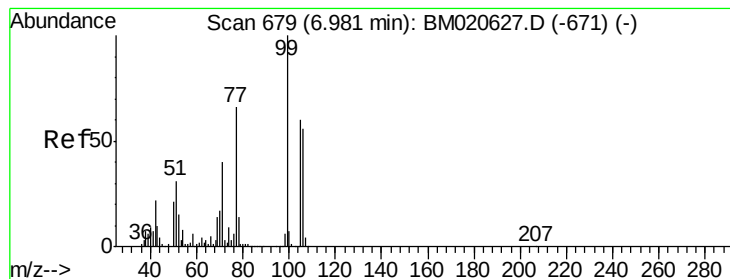


Abundance Ion 128.00 (127.70 to 128.70): BM020717.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020717.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020717.D (-733) (-)





#9

Benzaldehyde

Concen: 15.421 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

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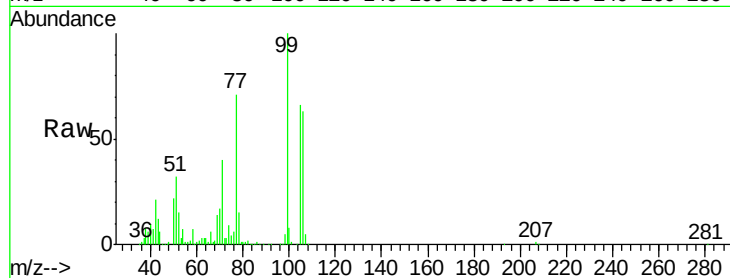
Tgt Ion: 77 Resp: 300170

Ion Ratio Lower Upper

77 100

105 94.2 70.6 110.6

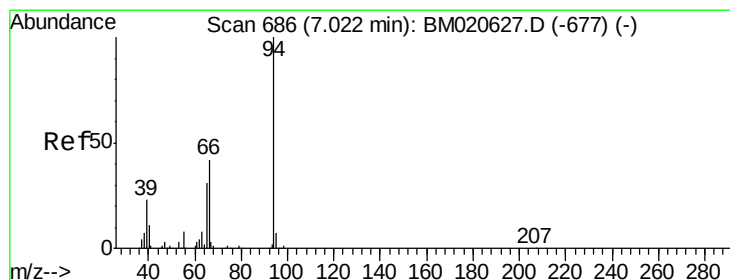
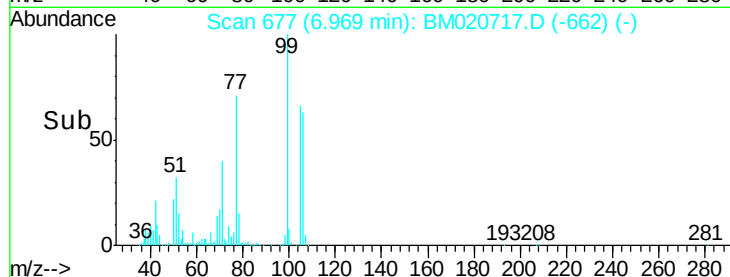
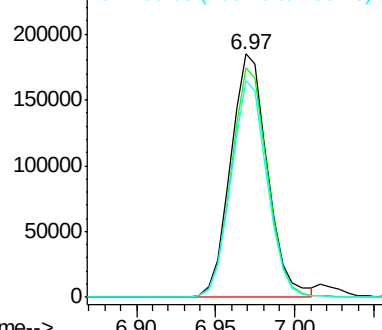
106 88.9 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020717.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020717.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020717.D (-662) (-)



#10

Phenol

Concen: 40.518 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

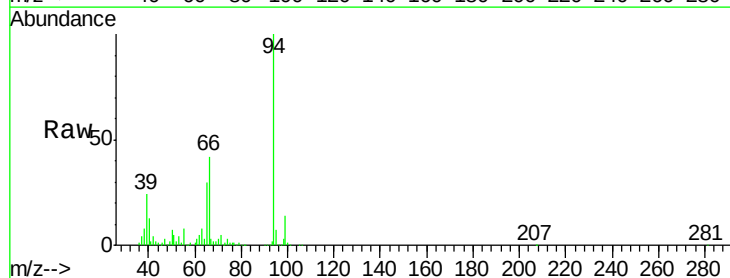
Tgt Ion: 94 Resp: 1179048

Ion Ratio Lower Upper

94 100

65 30.0 10.7 50.7

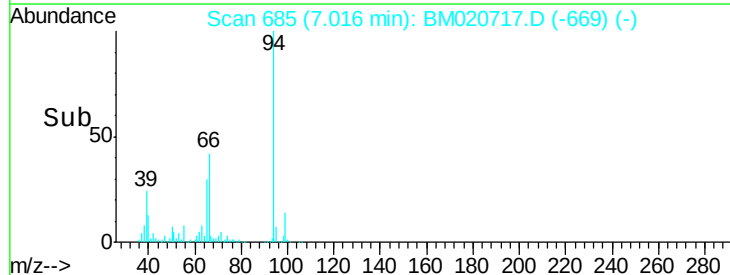
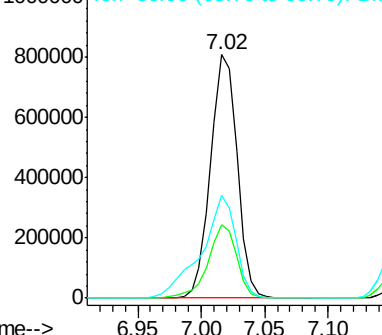
66 42.0 22.3 62.3

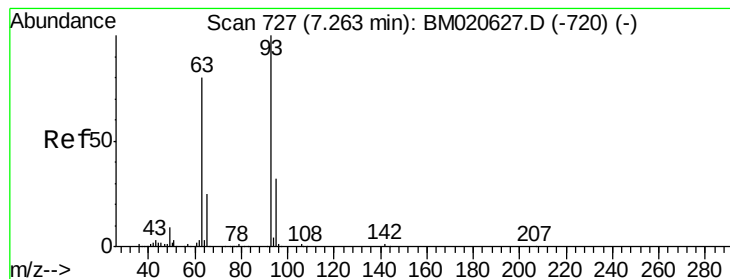


Abundance Ion 94.00 (93.70 to 94.70): BM020717.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020717.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020717.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.198 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

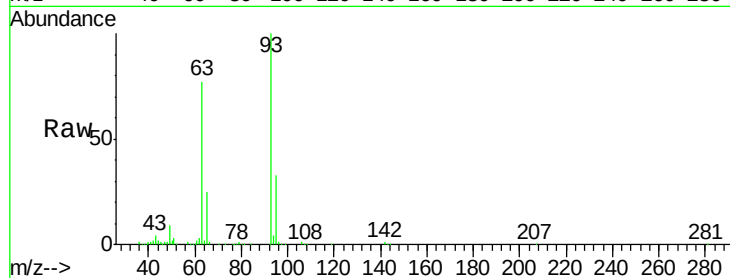
Tgt Ion: 93 Resp: 885818

Ion Ratio Lower Upper

93 100

63 77.3 60.0 100.0

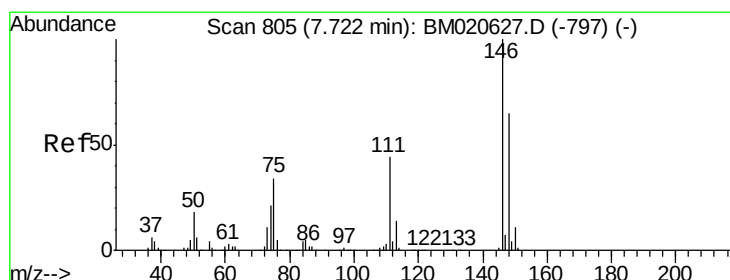
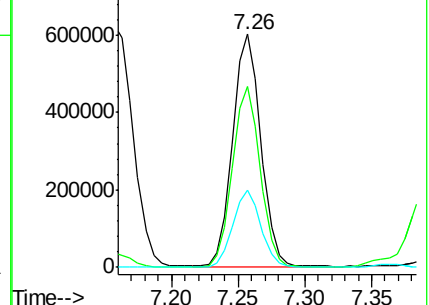
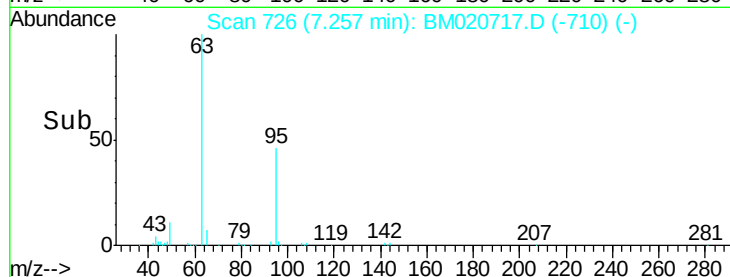
95 33.2 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BM020717.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM020717.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM020717.D (-710) (-)



#12

1,3-Dichlorobenzene

Concen: 39.580 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

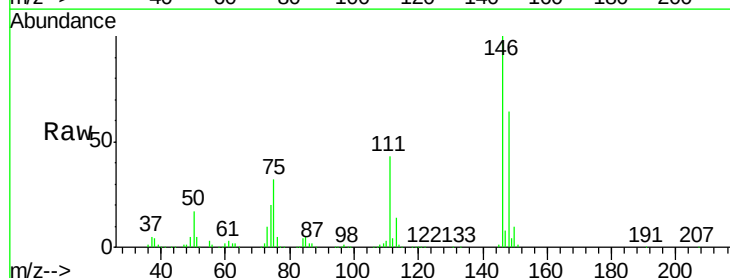
Tgt Ion: 146 Resp: 1037751

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

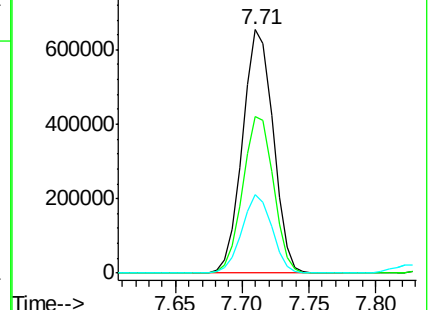
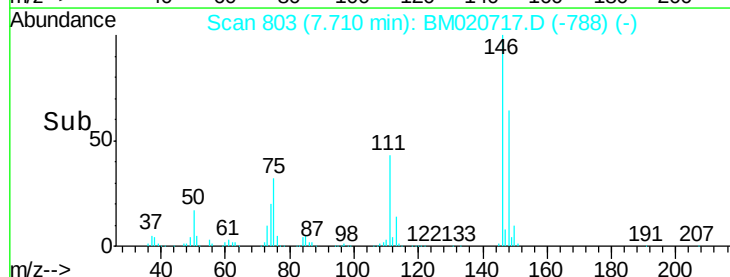
75 32.4 27.0 40.4

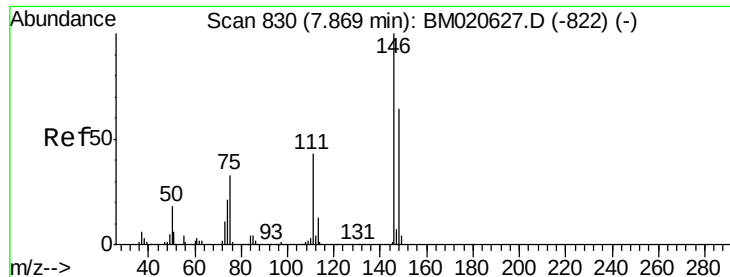


Abundance Ion 146.00 (145.70 to 146.70): BM020717.D (-788) (-)

Ion 148.00 (147.70 to 148.70): BM020717.D (-788) (-)

Ion 75.00 (74.70 to 75.70): BM020717.D (-788) (-)

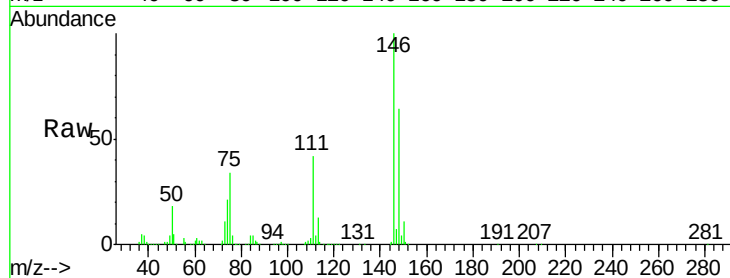




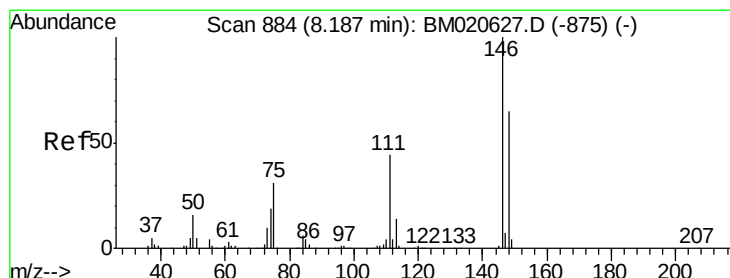
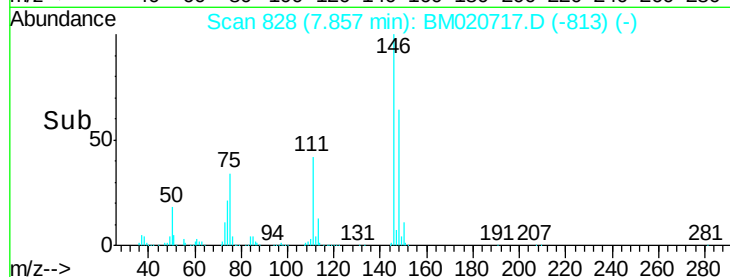
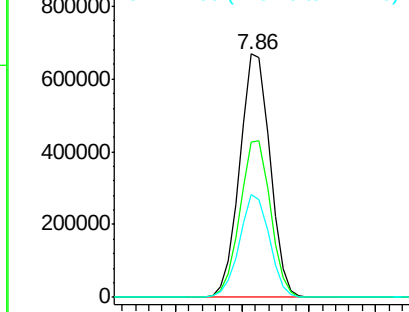
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion:146 Resp: 1051886
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 42.3 34.4 51.6

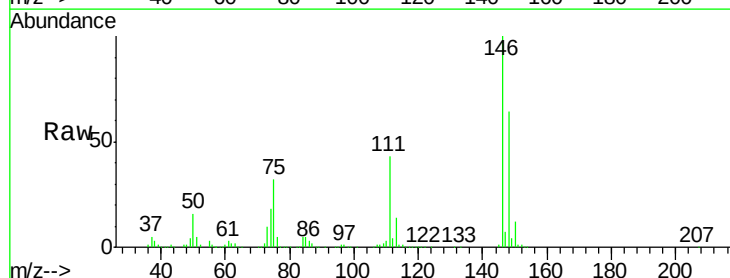


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

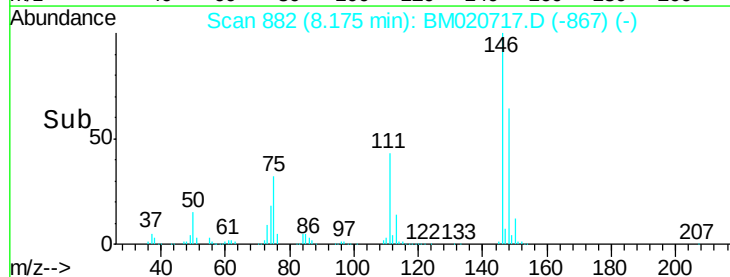
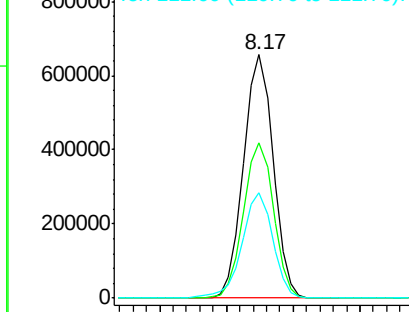


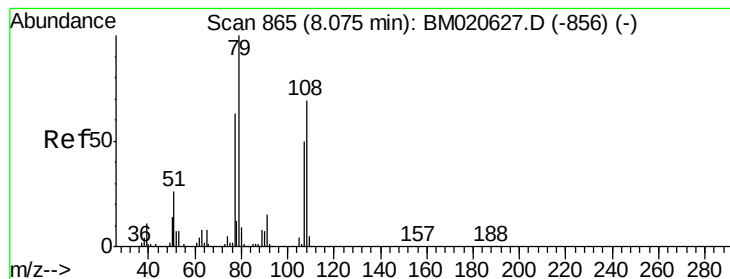
#14
 1,2-Dichlorobenzene
 Concen: 38.845 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion:146 Resp: 1007615
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 111 43.4 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.756 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

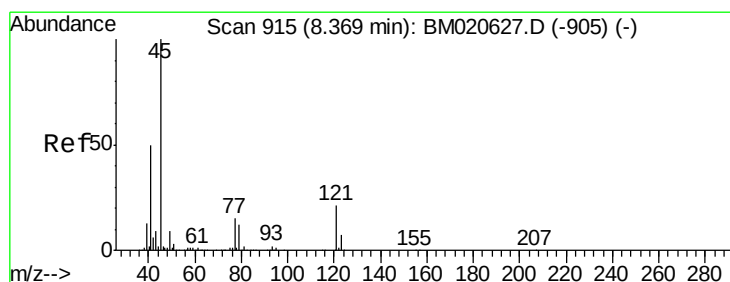
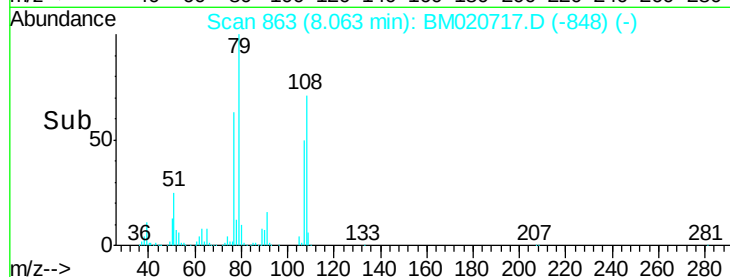
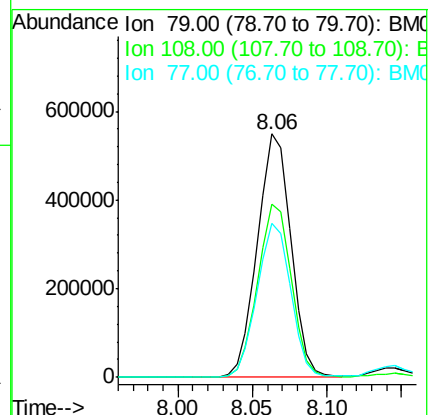
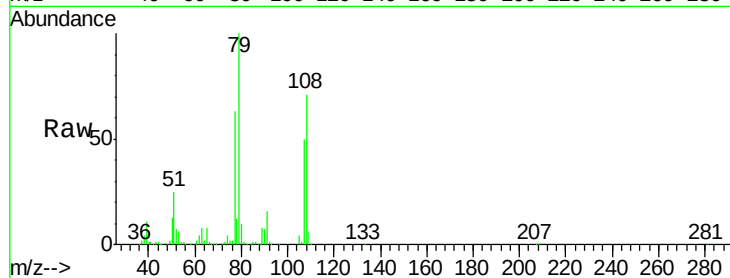
Tgt Ion: 79 Resp: 854122

Ion Ratio Lower Upper

79 100

108 71.3 54.9 82.3

77 63.3 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.997 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

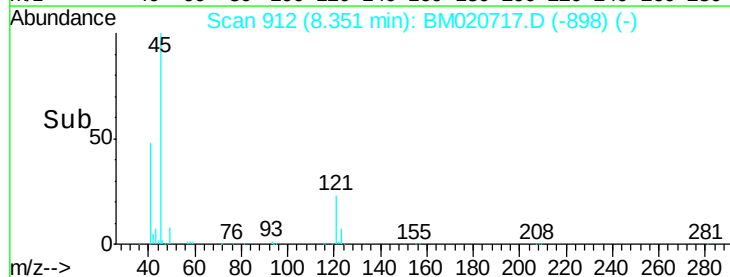
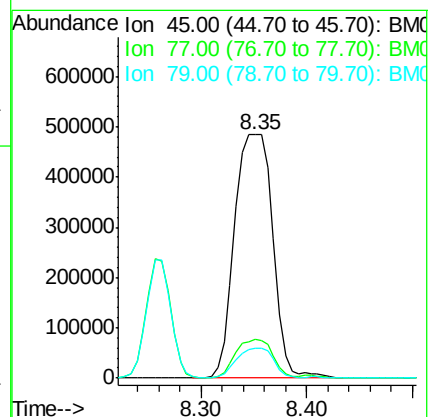
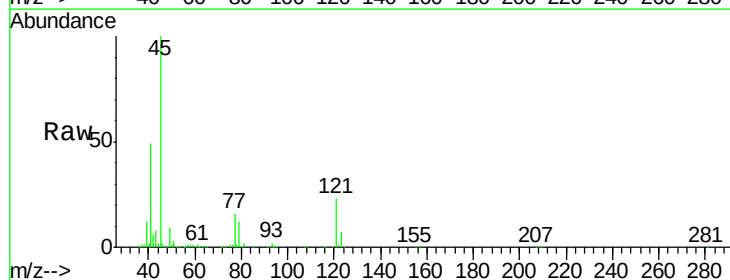
Tgt Ion: 45 Resp: 1217221

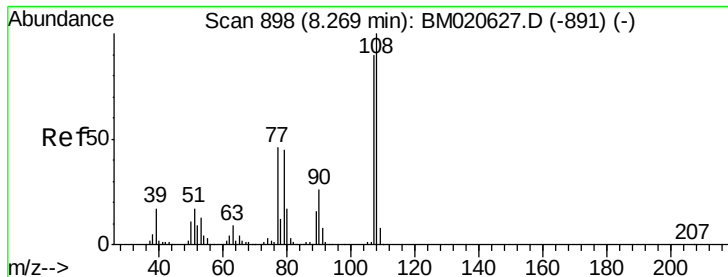
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.9

79 12.4 0.0 31.8





#17

2-Methylphenol

Concen: 38.125 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

Tgt Ion:107 Resp: 780112

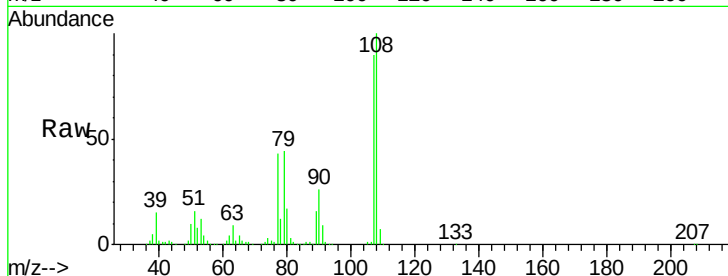
Ion Ratio Lower Upper

107 100

108 111.3 88.6 133.0

77 47.9 40.6 61.0

79 48.4 39.9 59.9



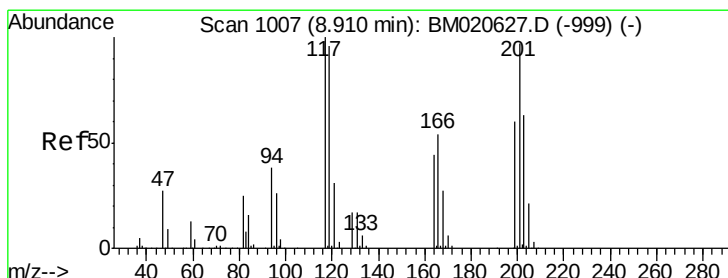
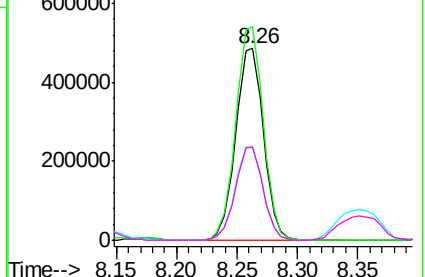
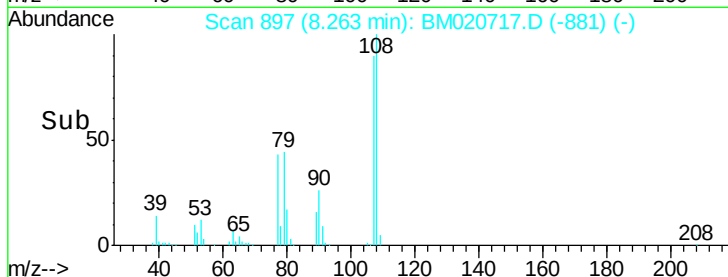
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 37.700 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

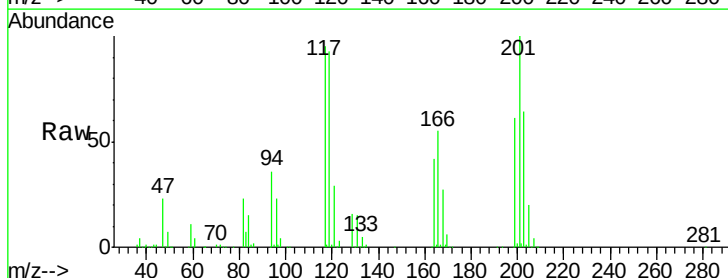
Tgt Ion:117 Resp: 384732

Ion Ratio Lower Upper

117 100

119 98.2 76.7 115.1

201 105.4 77.9 116.9

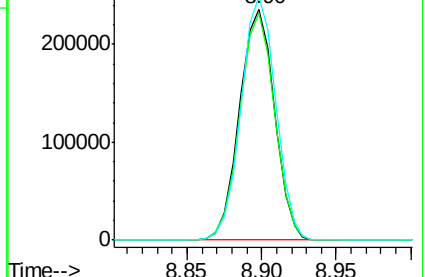
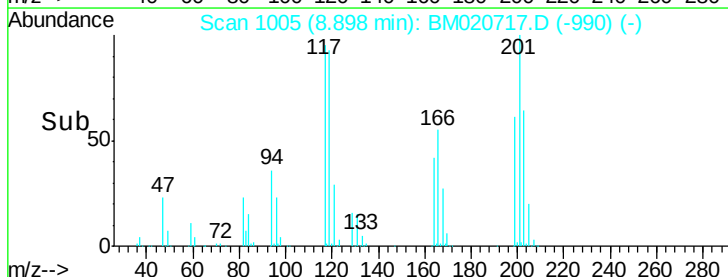


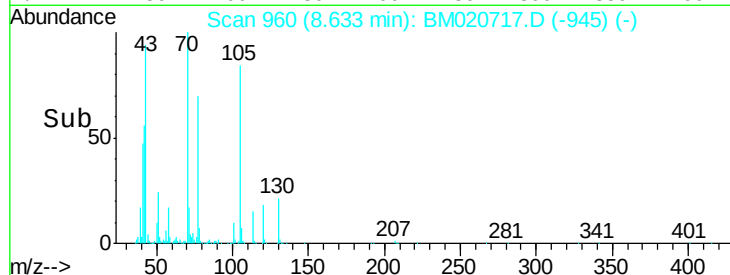
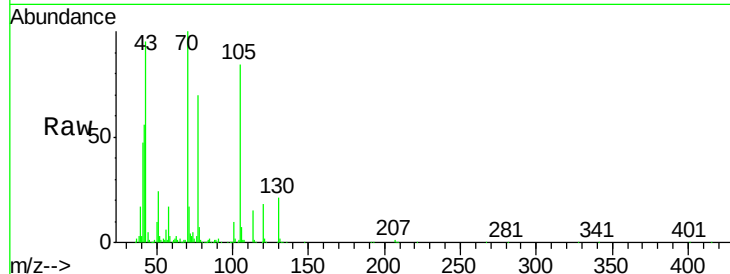
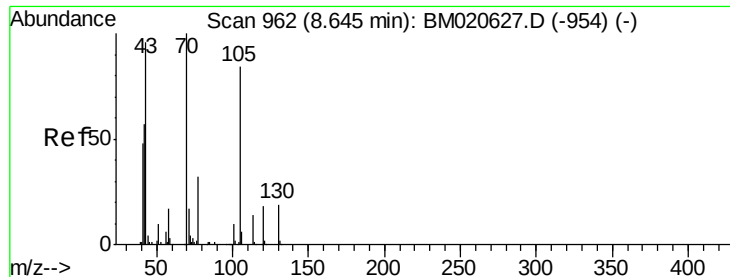
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

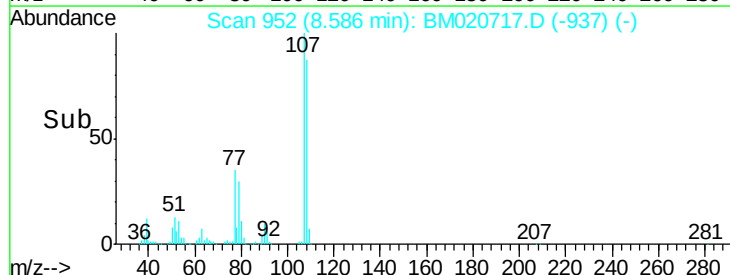
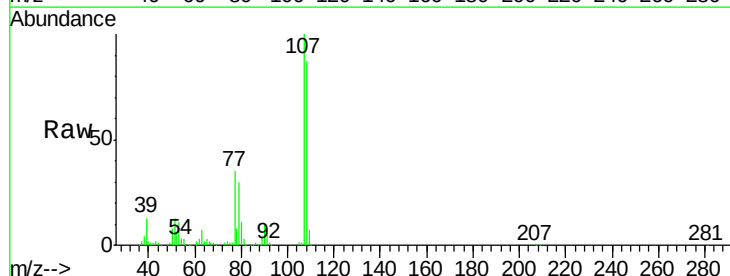
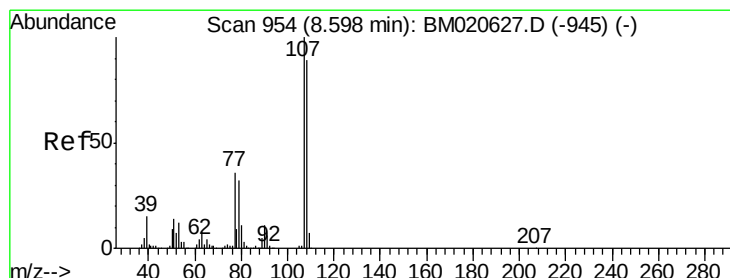
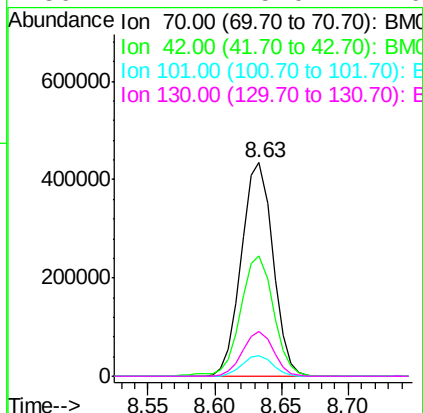




#19
n-Nitroso-di-n-propylamine
Concen: 32.886 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

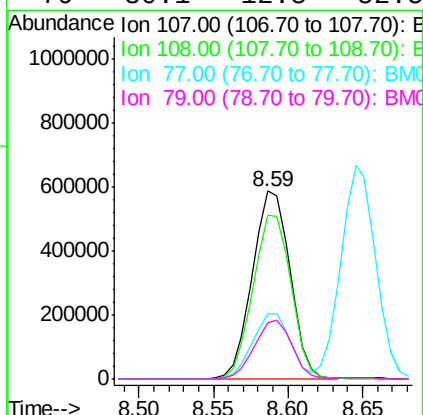
Instrument :
BNA_M
ClientSampleId :
PB120308BS

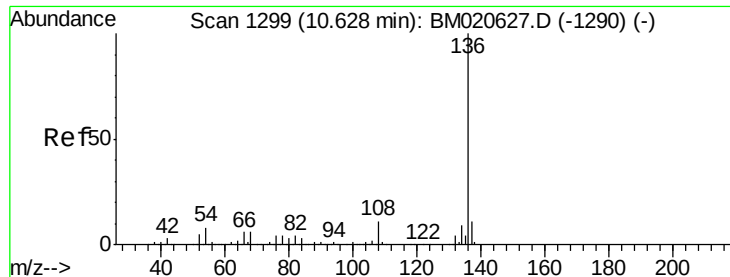
Tgt Ion:	70	Resp:	713804
Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.8	70.2
101	9.9	7.8	11.6
130	21.2	15.0	22.6



#20
3+4-Methylphenols
Concen: 36.993 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:	107	Resp:	1029866
Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.2	109.2
77	34.8	16.2	56.2
79	30.1	12.5	52.5

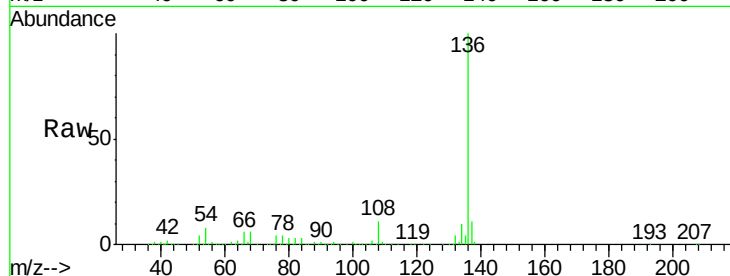




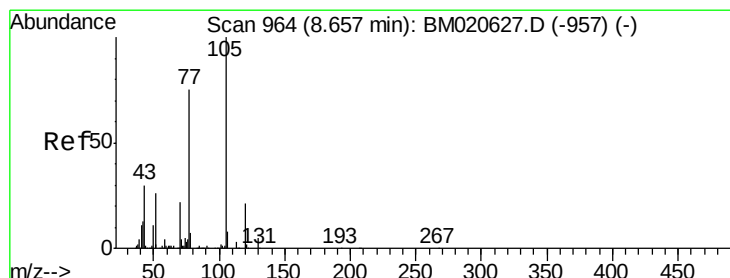
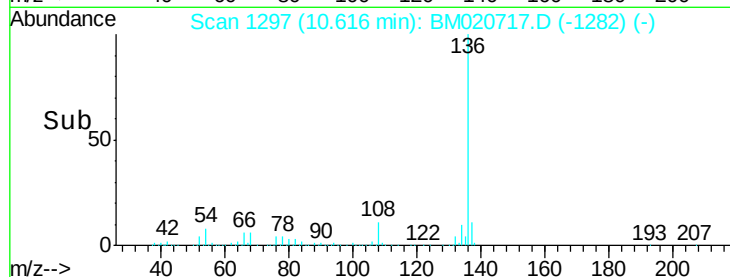
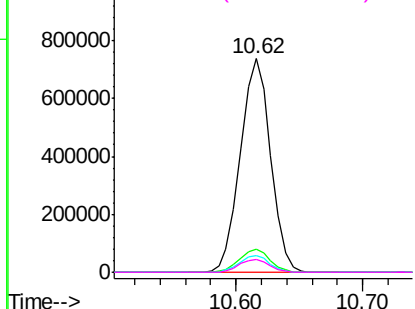
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:	136	Resp:	1216293
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	6.6	10.0
68	5.8	5.1	7.7

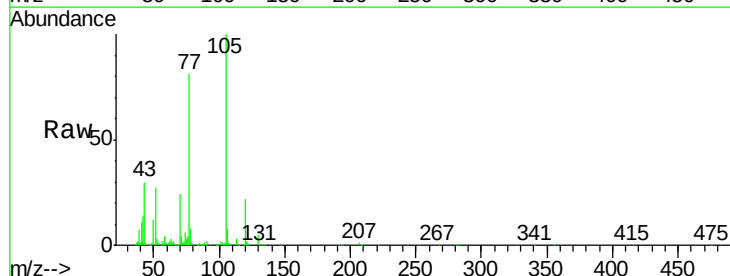


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

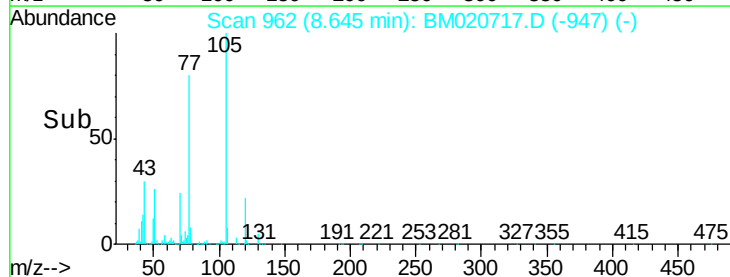
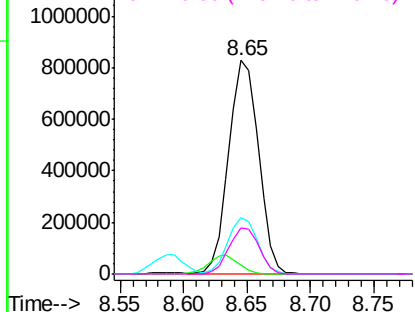


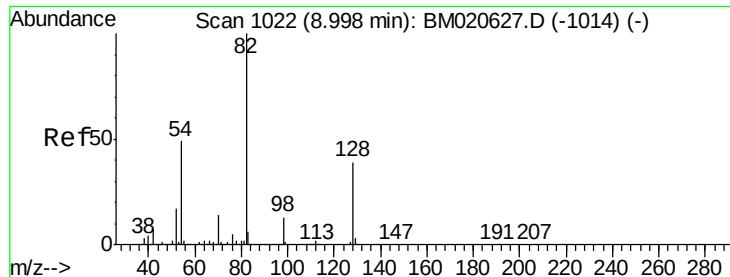
#22
Acetophenone
Concen: 43.732 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:	105	Resp:	1351241
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	26.6	22.8	34.2
120	21.8	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.512 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

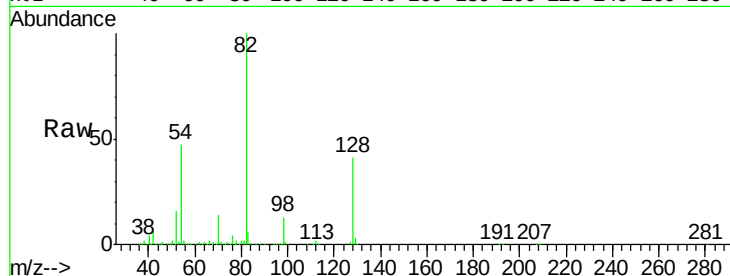
BNA_M

ClientSampleId :

PB120308BS

Tgt Ion: 82 Resp: 1960467

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.5	47.3
54	47.4	39.4	59.0

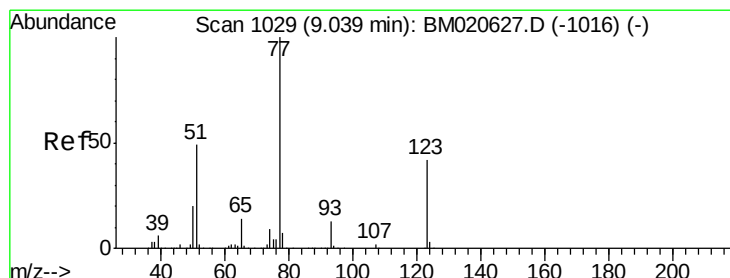
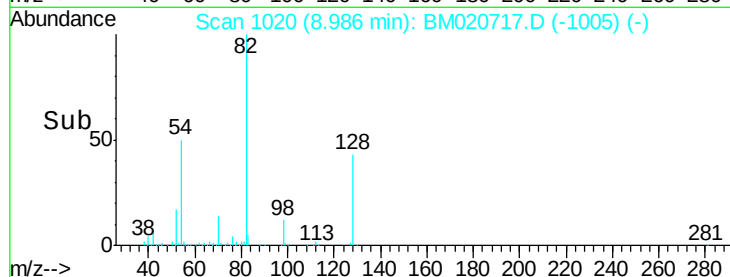
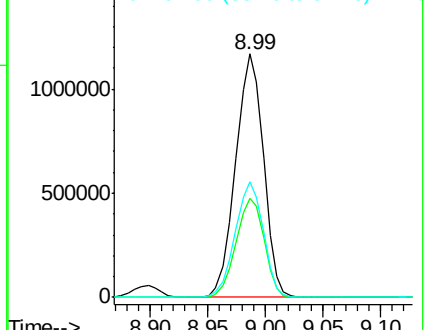


Abundance

Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BM0



#24

Nitrobenzene

Concen: 43.996 ng

RT: 9.03 min Scan# 1027

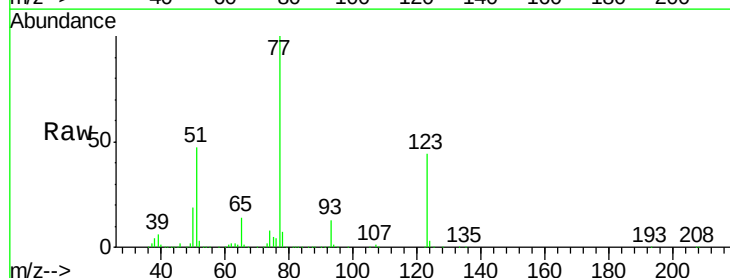
Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion: 77 Resp: 1054375

Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.7	50.5
65	13.7	11.0	16.6

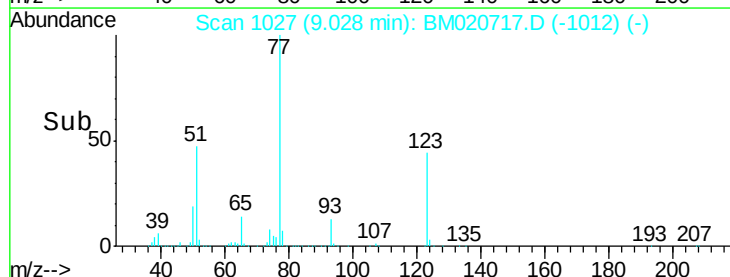
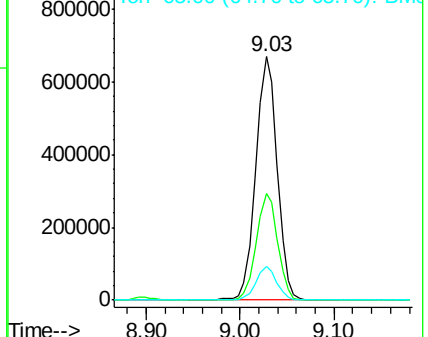


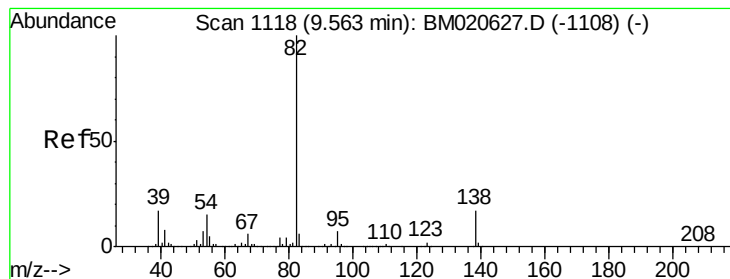
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 39.371 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

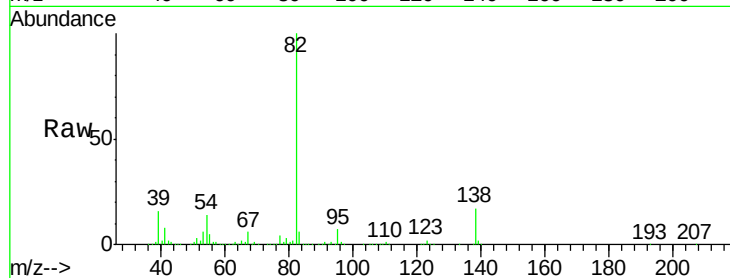
Tgt Ion: 82 Resp: 1838468

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

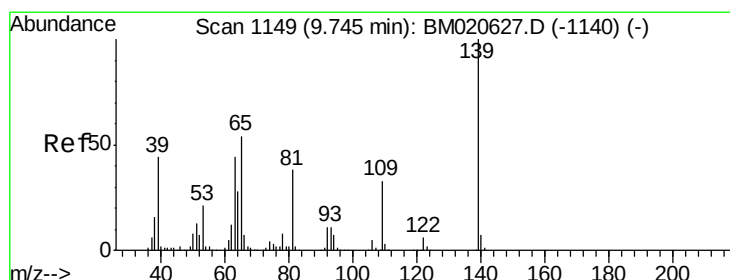
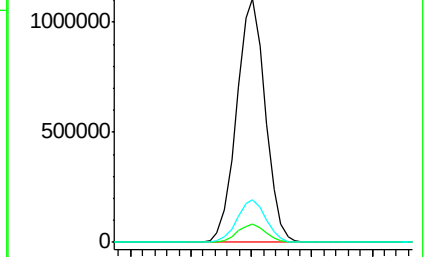
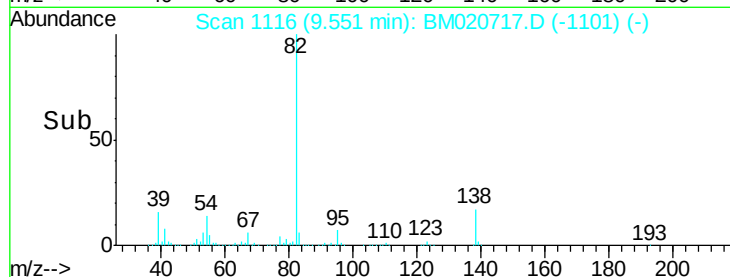
138 17.4 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020717.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020717.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020717.D (-1116) (-)



#26

2-Nitrophenol

Concen: 50.669 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

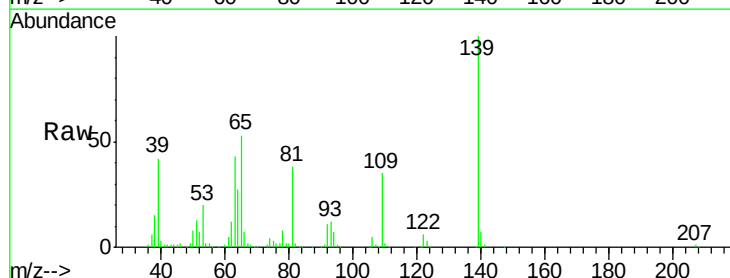
Tgt Ion: 139 Resp: 452562

Ion Ratio Lower Upper

139 100

109 34.9 26.1 39.1

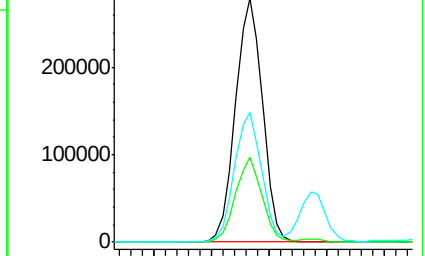
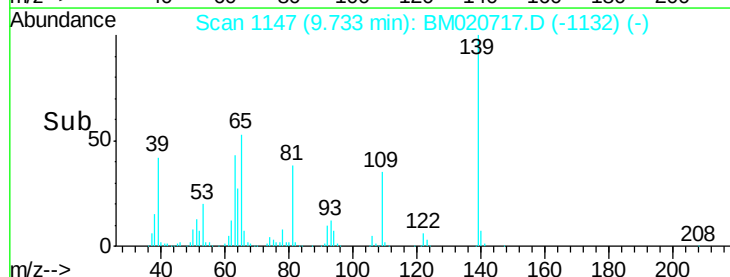
65 53.4 43.4 65.0

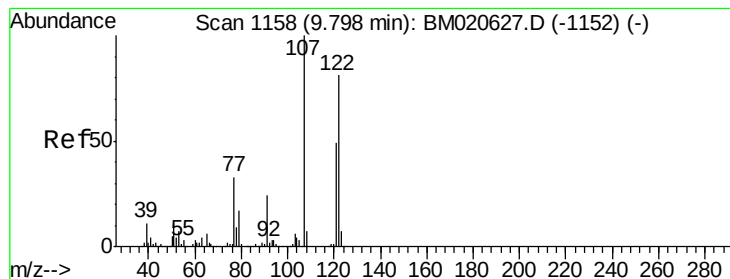


Abundance Ion 139.00 (138.70 to 139.70): BM020717.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020717.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020717.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 49.195 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

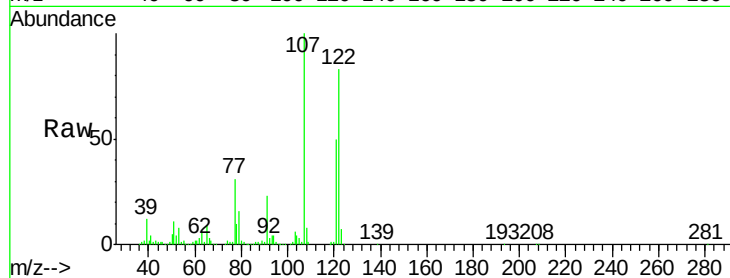
Tgt Ion:122 Resp: 823350

Ion Ratio Lower Upper

122 100

107 120.5 98.0 147.0

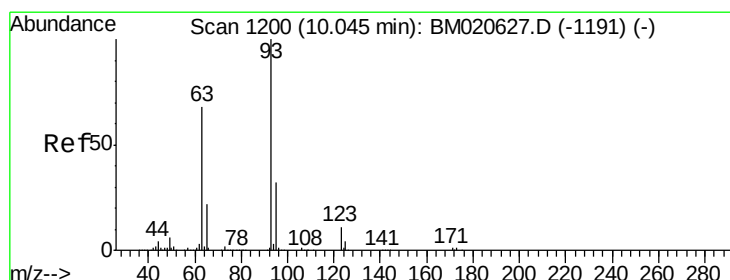
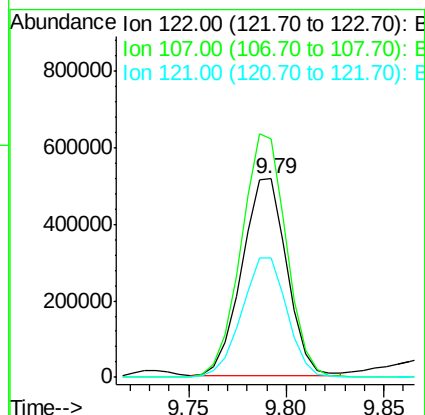
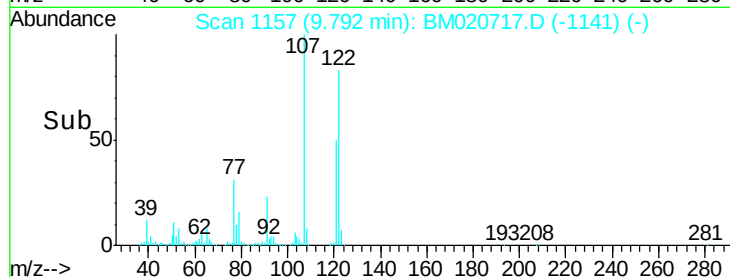
121 59.9 48.2 72.4



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: 40.290 ng

RT: 10.03 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

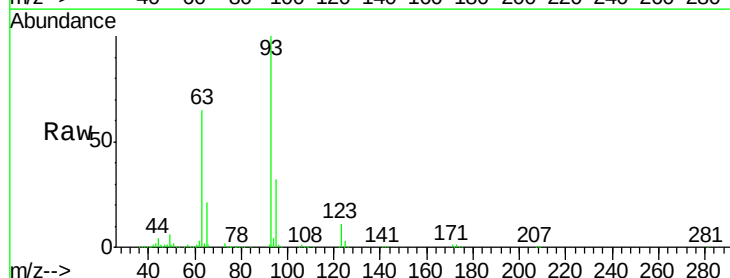
Tgt Ion: 93 Resp: 1137557

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

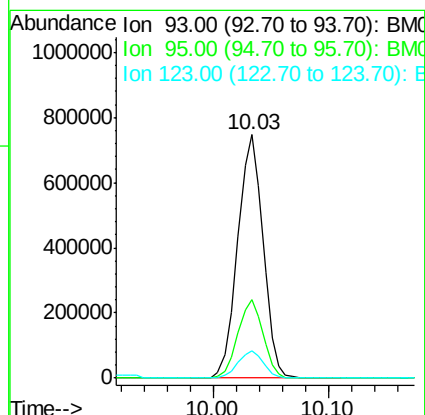
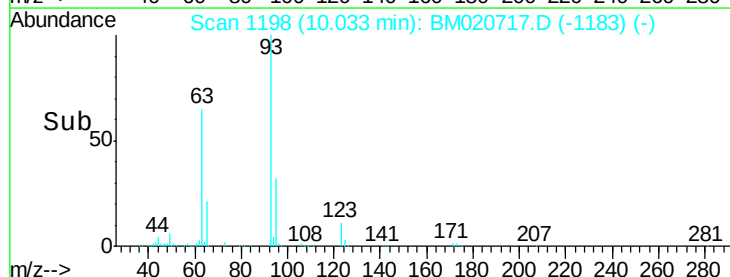
123 11.0 9.0 13.6

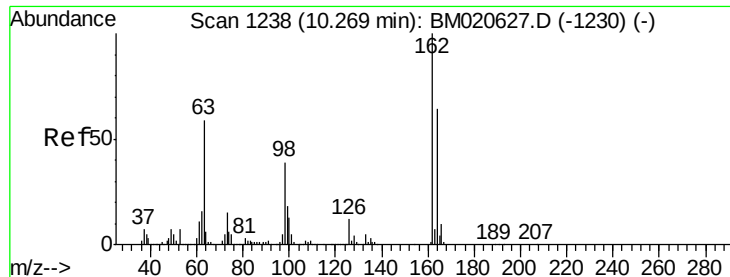


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.557 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

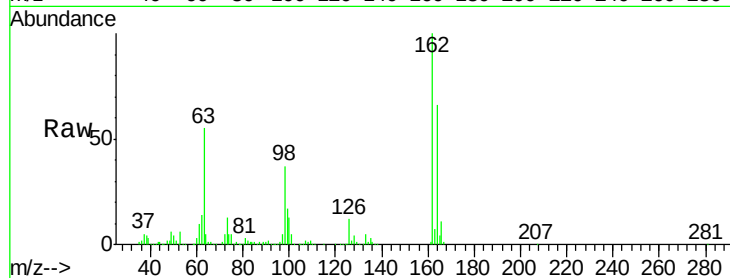
Tgt Ion:162 Resp: 843577

Ion Ratio Lower Upper

162 100

164 65.8 43.8 83.8

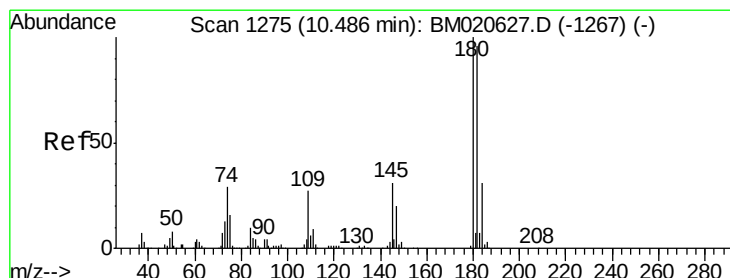
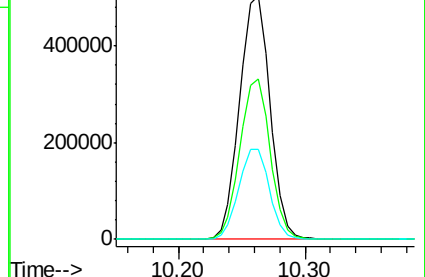
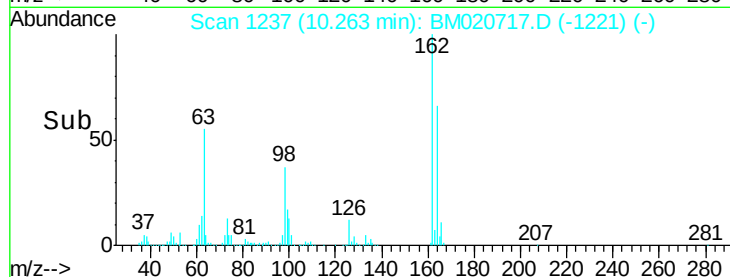
98 36.8 19.1 59.1



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.700 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

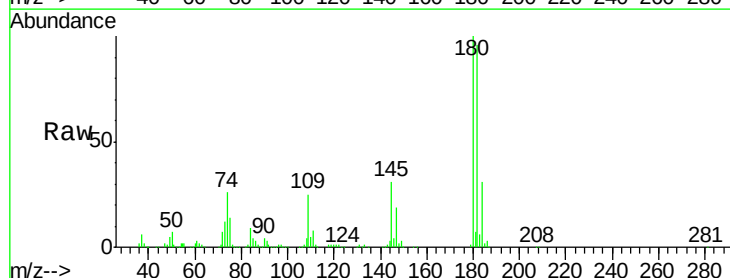
Tgt Ion:180 Resp: 951740

Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.6

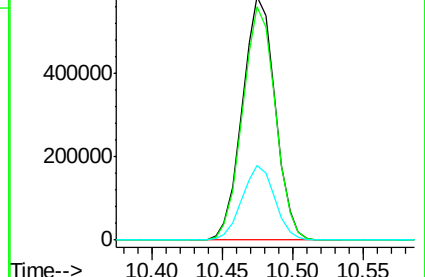
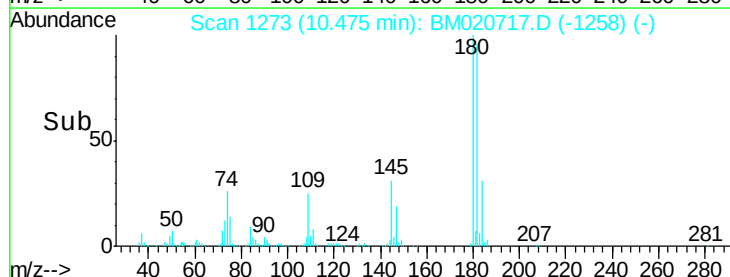
145 30.7 25.0 37.4

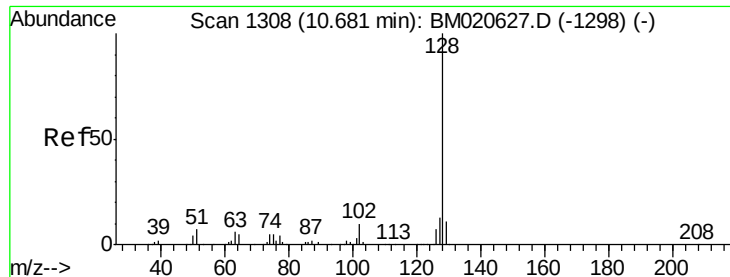


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

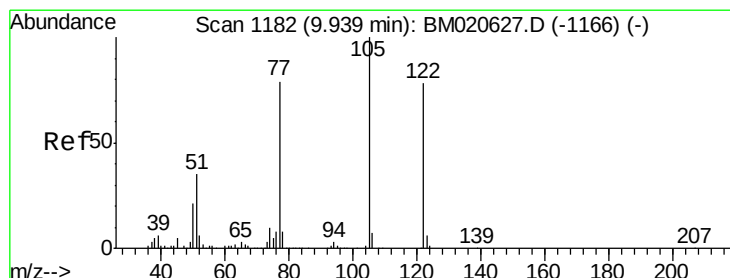
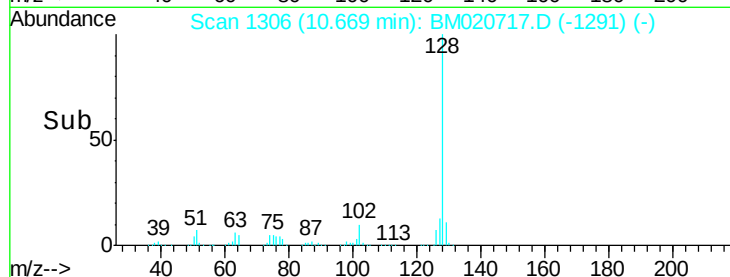
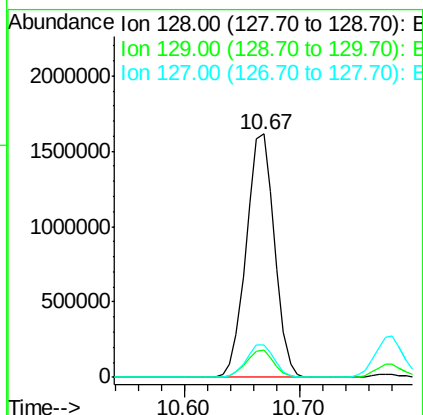
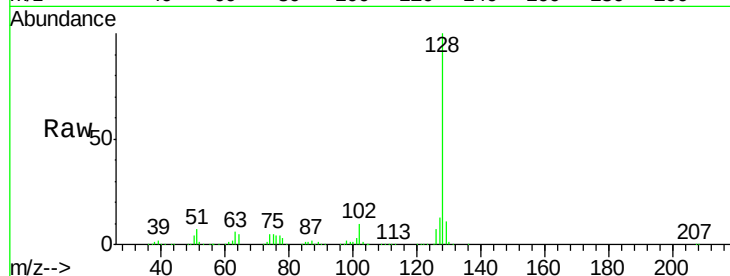




#31
Naphthalene
Concen: 43.984 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

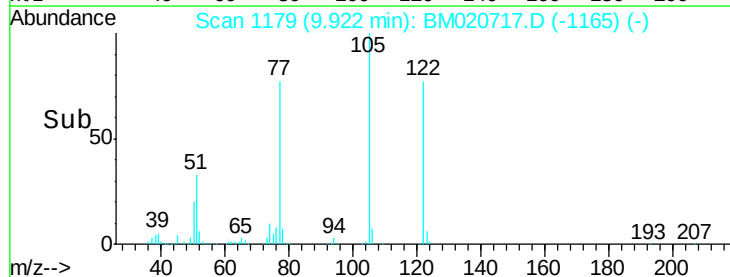
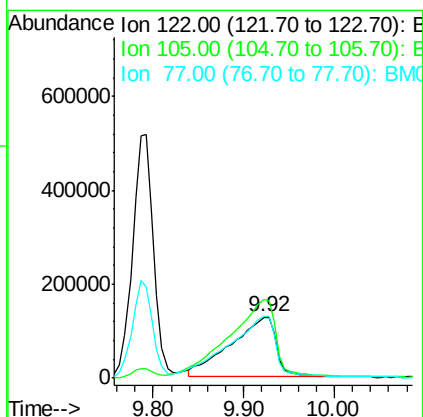
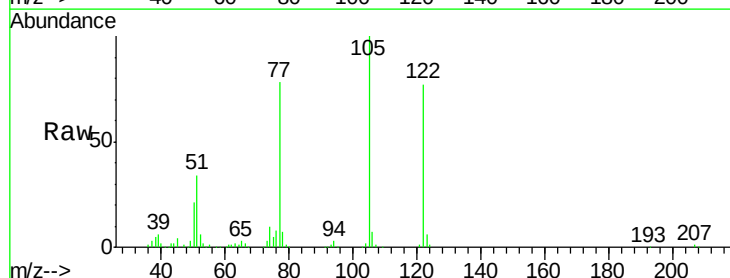
Instrument :
BNA_M
ClientSampleId :
PB120308BS

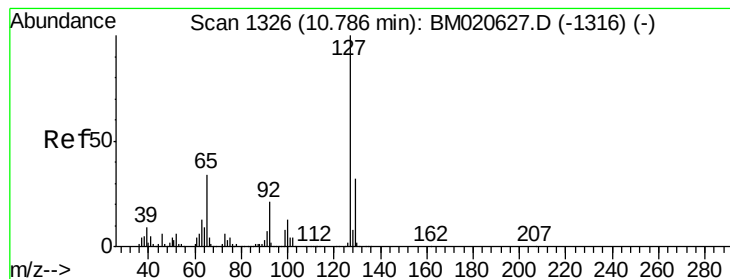
Tgt Ion:128 Resp: 2750998
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 42.352 ng
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:122 Resp: 439027
Ion Ratio Lower Upper
122 100
105 129.2 107.0 147.0
77 101.2 80.9 120.9

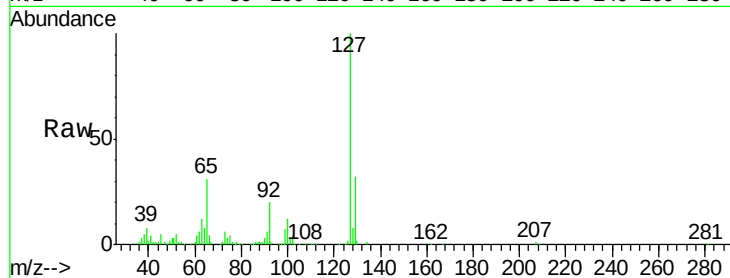




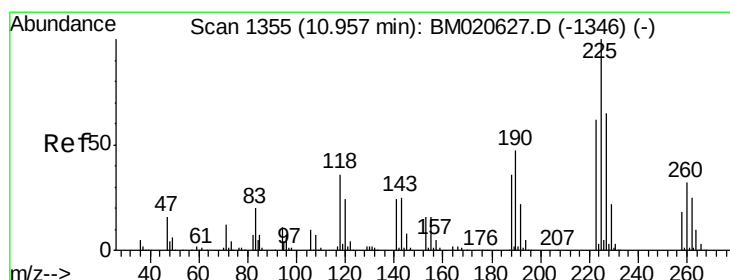
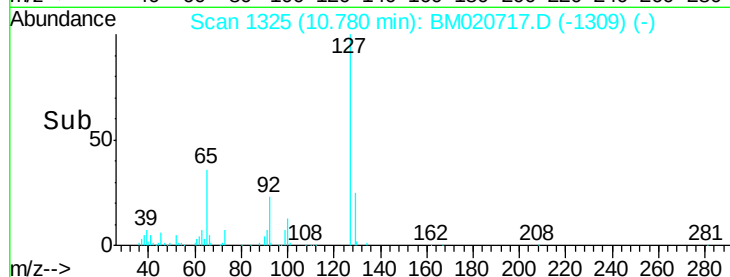
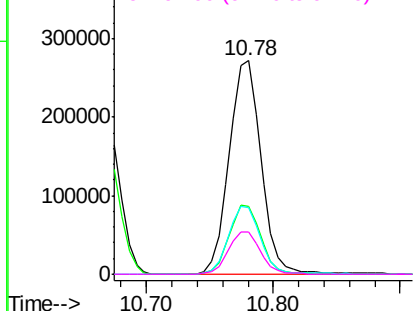
#33
4-Chloroaniline
Concen: 16.296 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:	127	Resp:	474336
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.2	27.4	41.0
92	19.7	17.0	25.6

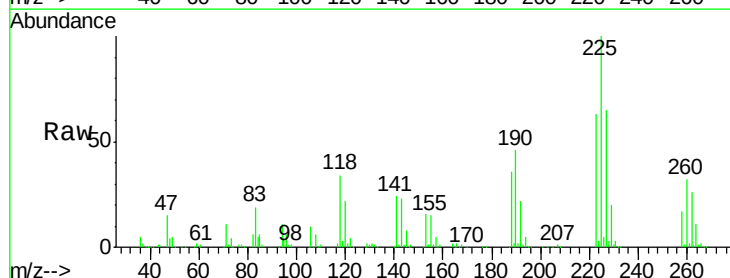


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

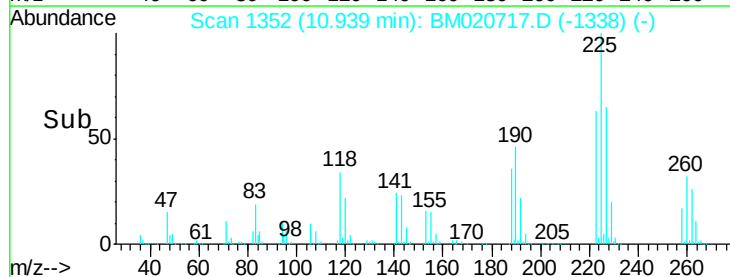
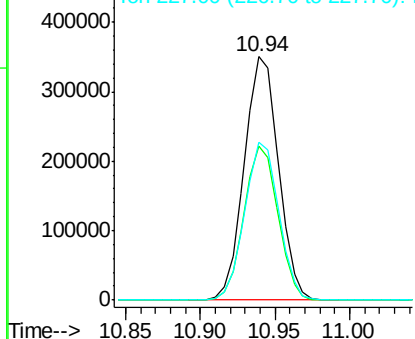


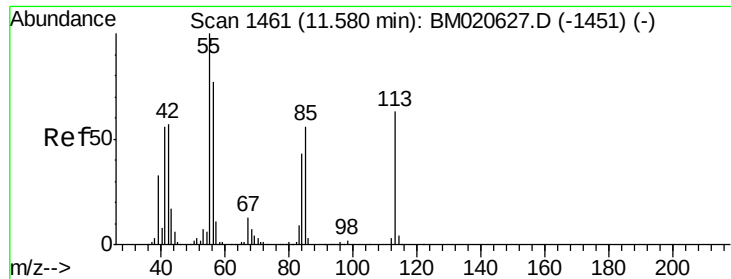
#34
Hexachlorobutadiene
Concen: 43.434 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:	225	Resp:	554878
Ion	Ratio	Lower	Upper
225	100		
223	63.0	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: 34.160 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

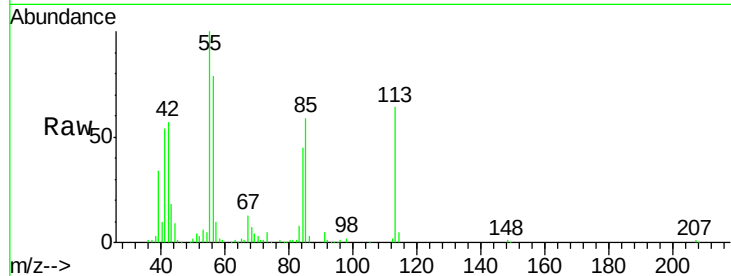
Tgt Ion:113 Resp: 219743

Ion Ratio Lower Upper

113 100

55 155.2 138.6 178.6

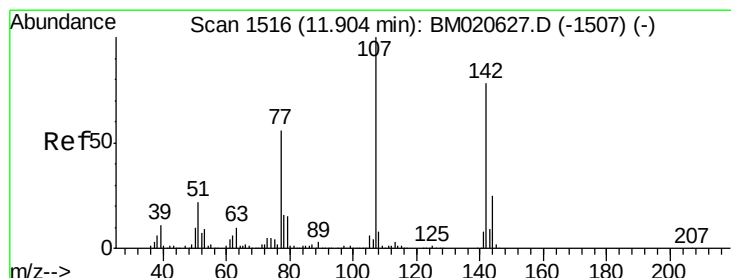
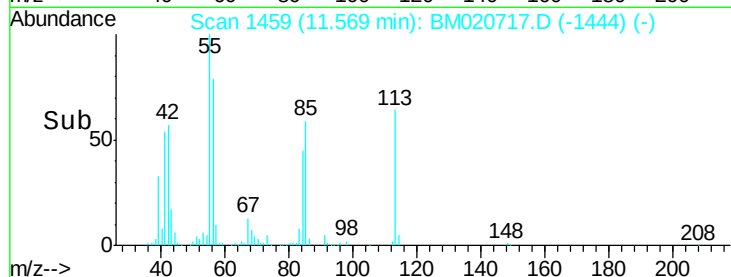
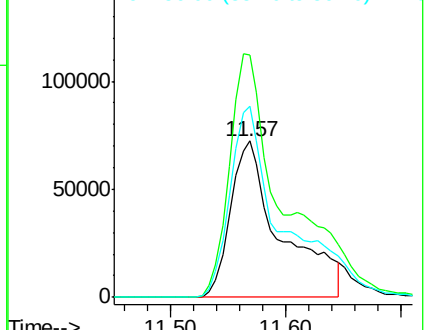
56 122.5 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.547 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

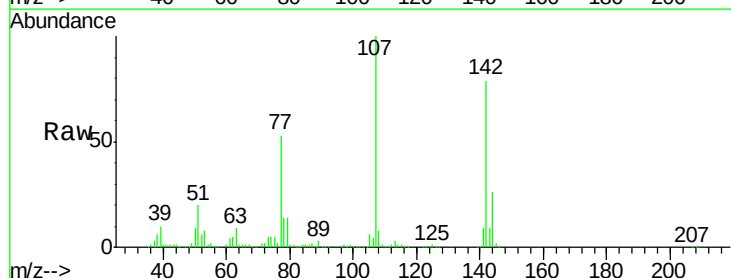
Tgt Ion:107 Resp: 851396

Ion Ratio Lower Upper

107 100

144 25.8 20.3 30.5

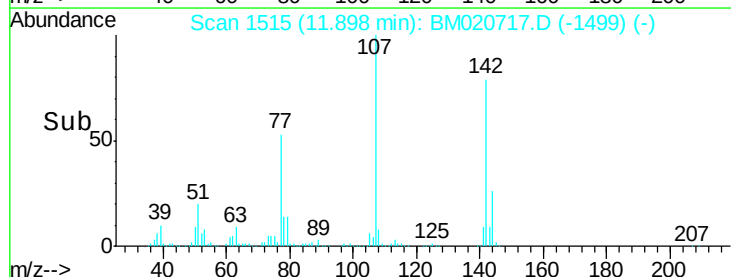
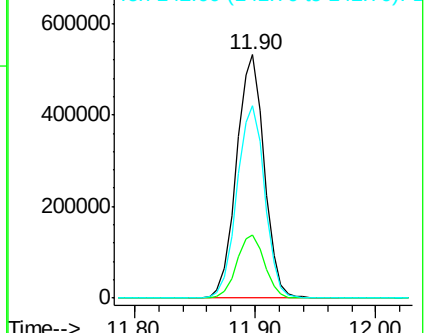
142 78.8 62.6 93.8

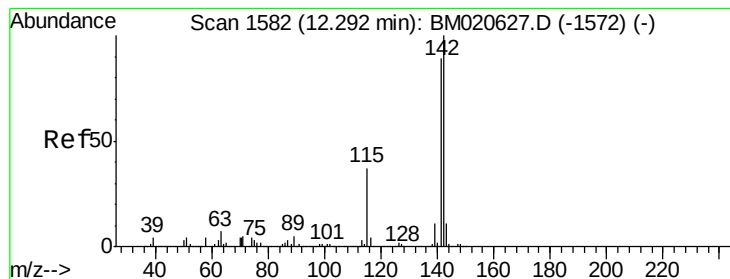


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.229 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

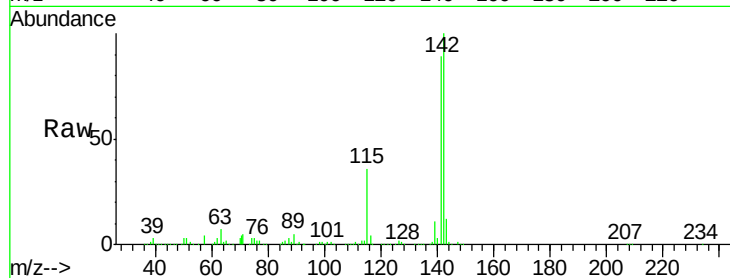
Tgt Ion:142 Resp: 1957743

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4

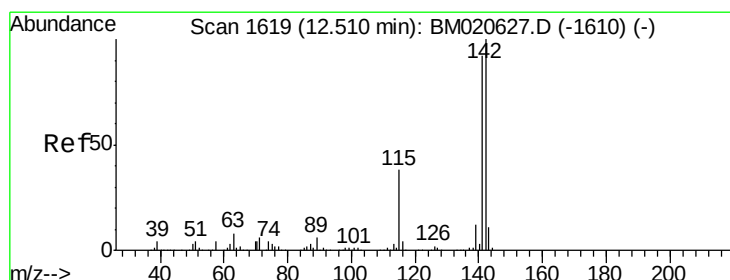
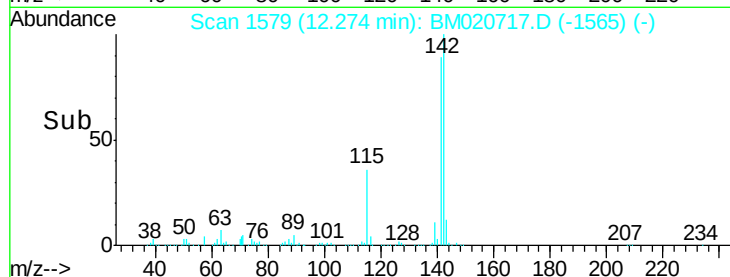
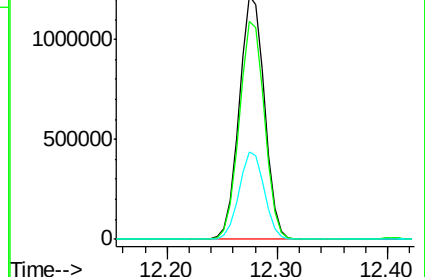
115 36.1 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.937 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

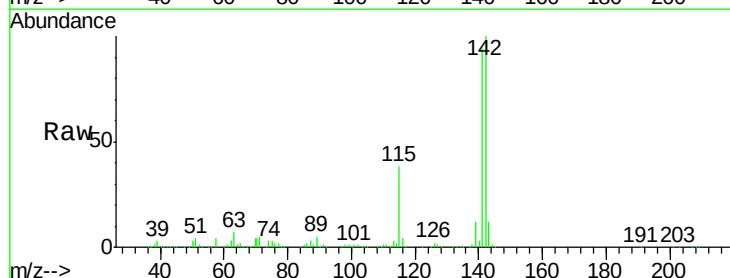
Tgt Ion:142 Resp: 1851240

Ion Ratio Lower Upper

142 100

141 94.0 73.9 110.9

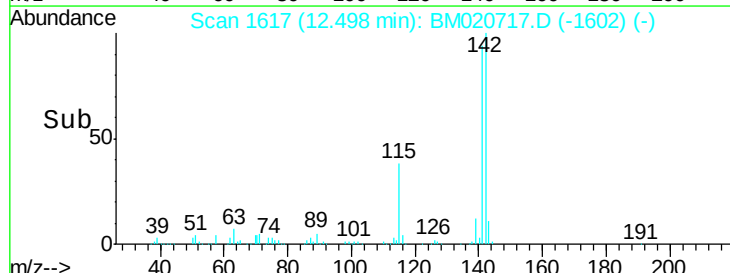
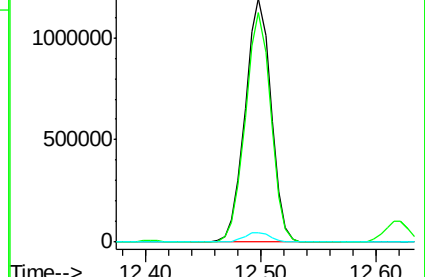
116 3.9 3.2 4.8

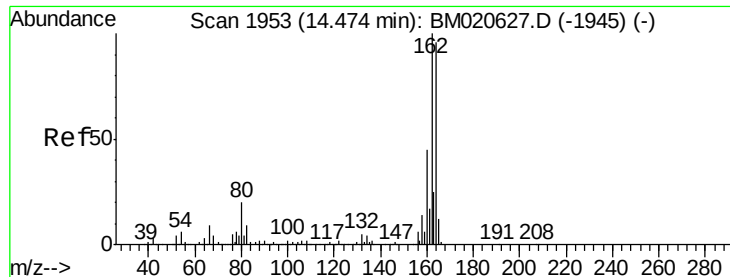


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

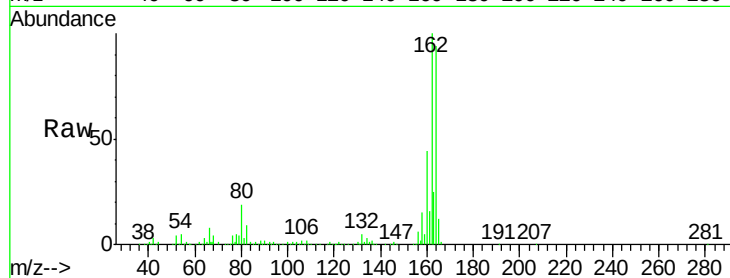
Tgt Ion:164 Resp: 623241

Ion Ratio Lower Upper

164 100

162 106.8 83.2 124.8

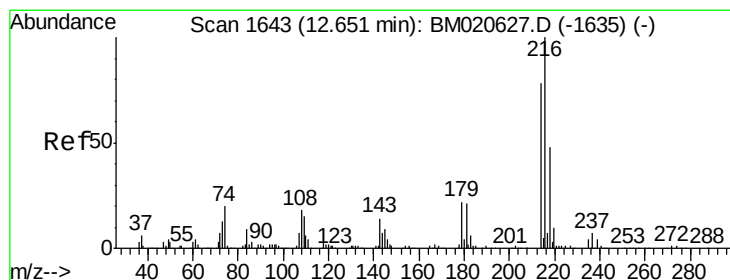
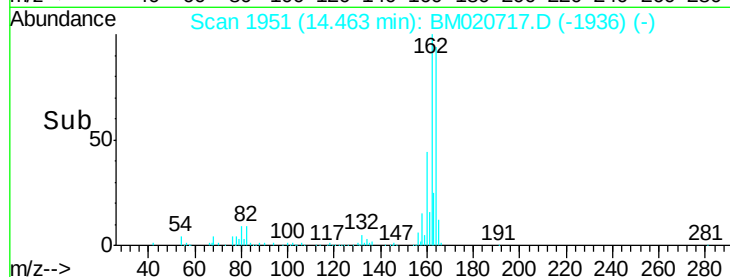
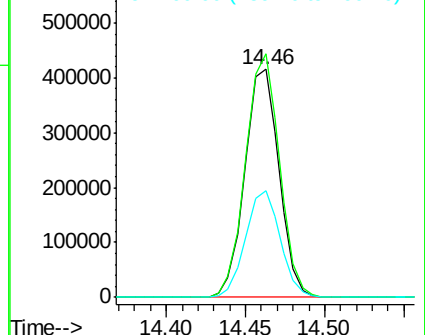
160 46.7 37.5 56.3



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: 49.020 ng

RT: 12.64 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Tgt Ion:216 Resp: 1001200

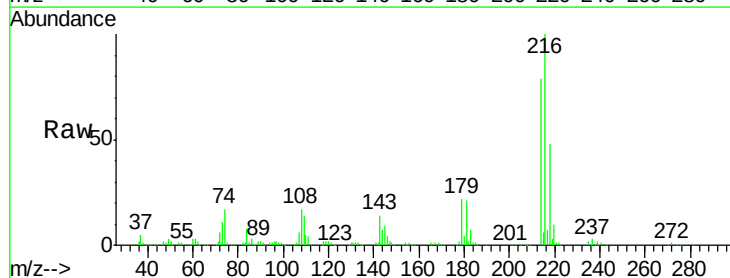
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.9 17.9 26.9

108 20.8 16.2 24.2

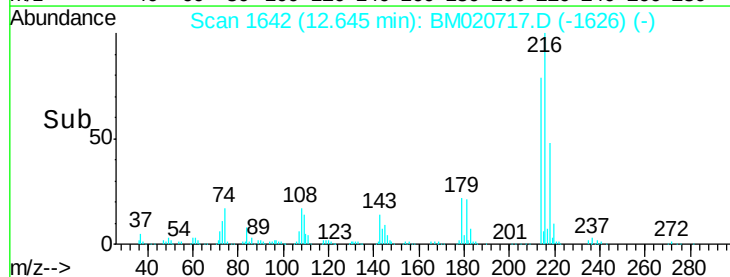
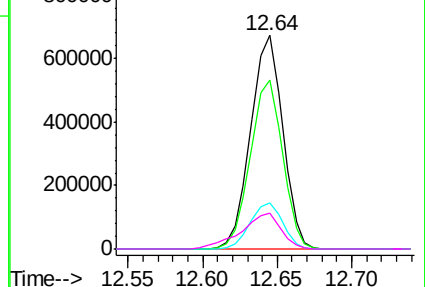


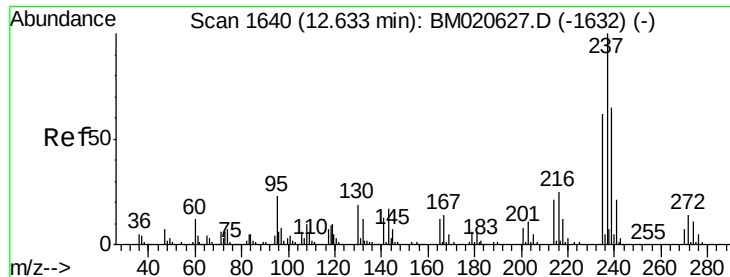
Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.146 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

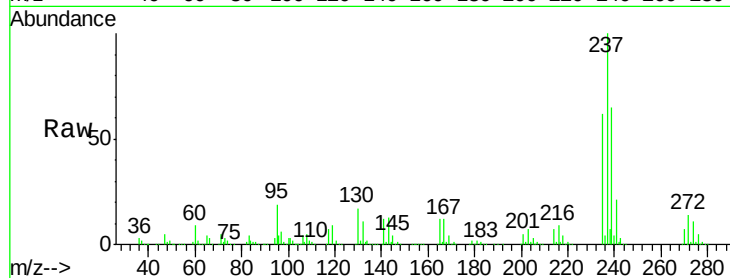
Tgt Ion:237 Resp: 1247728

Ion Ratio Lower Upper

237 100

235 61.5 42.1 82.1

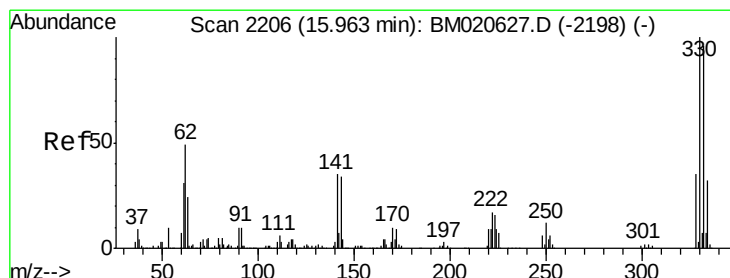
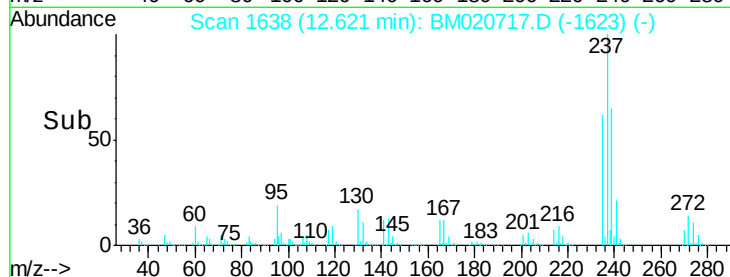
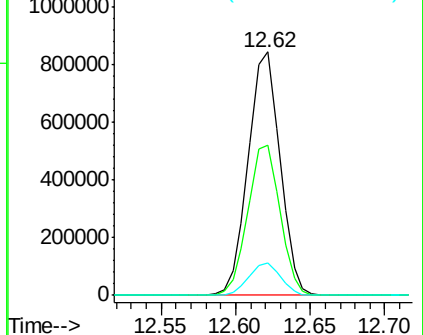
272 13.5 0.0 33.5



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: 136.662 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

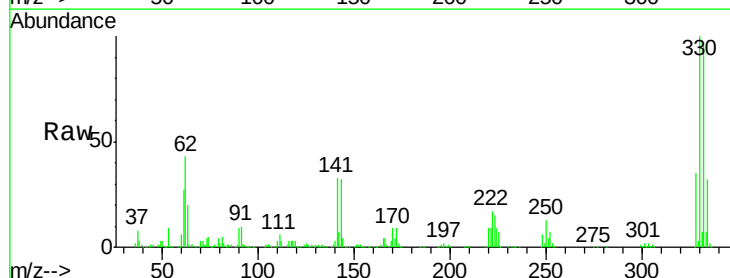
Tgt Ion:330 Resp: 1055292

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

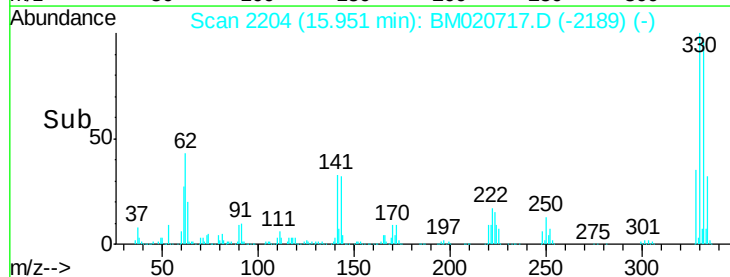
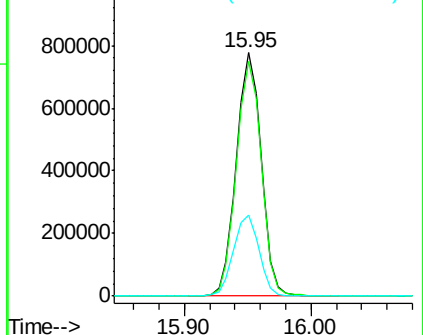
141 34.1 30.4 45.6

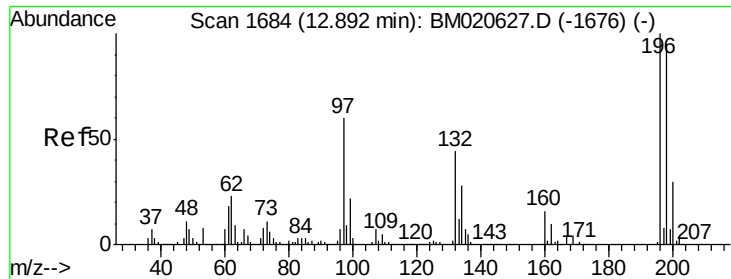


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

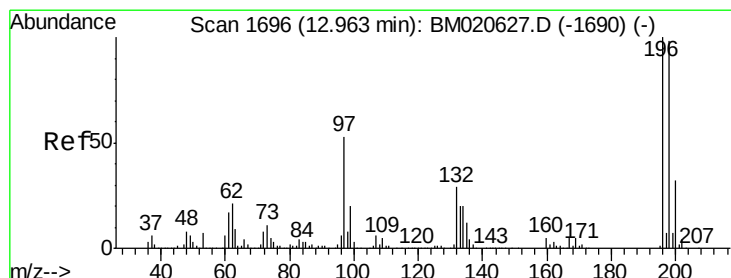
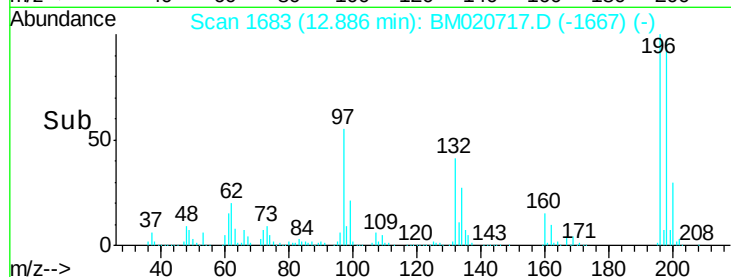
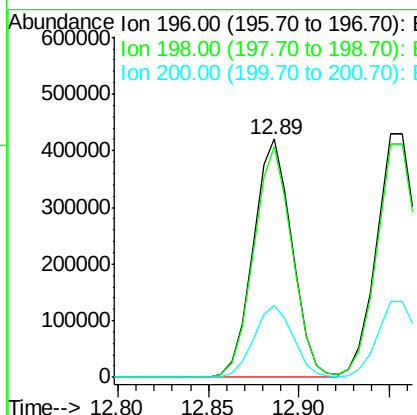
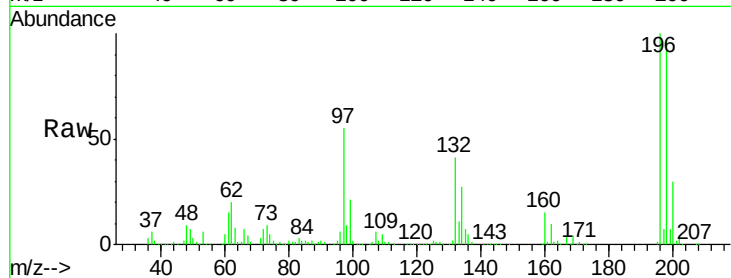




#43
 2,4,6-Trichlorophenol
 Concen: 47.453 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

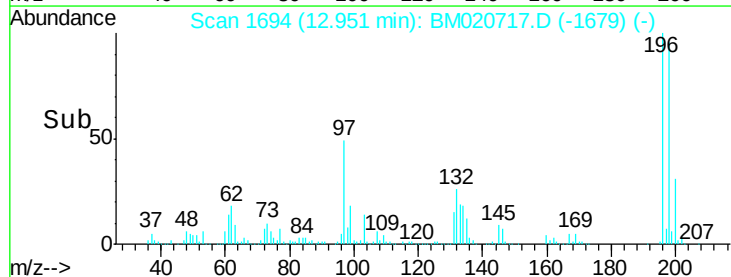
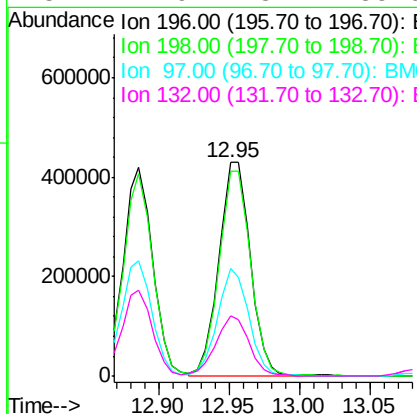
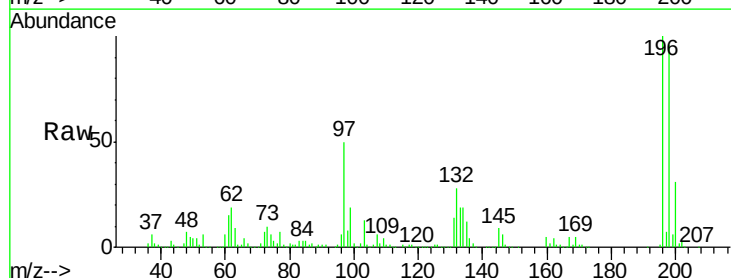
Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

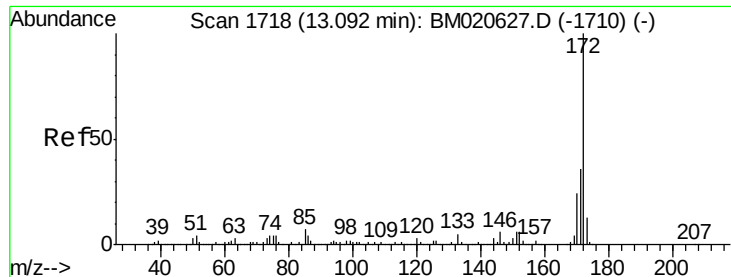
Tgt Ion:196 Resp: 623853
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 30.4 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.828 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion:196 Resp: 662724
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.6 117.8
 97 50.3 42.7 64.1
 132 27.9 23.4 35.0

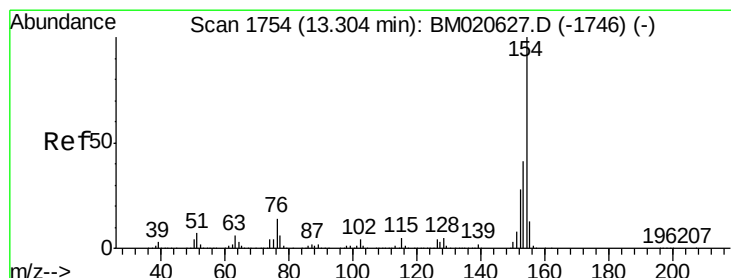
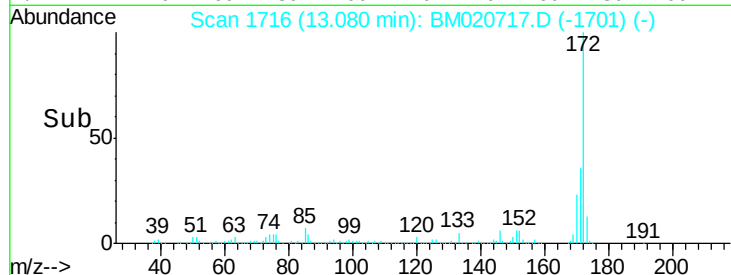
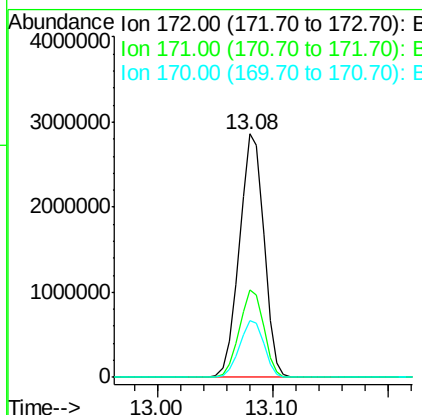
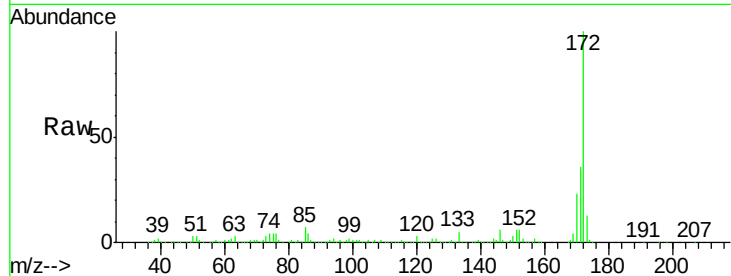




#45
2-Fluorobiphenyl
Concen: 89.665 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

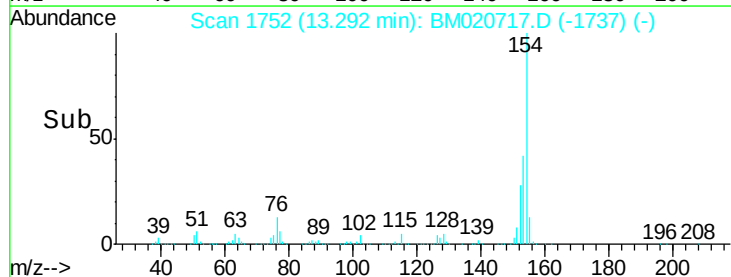
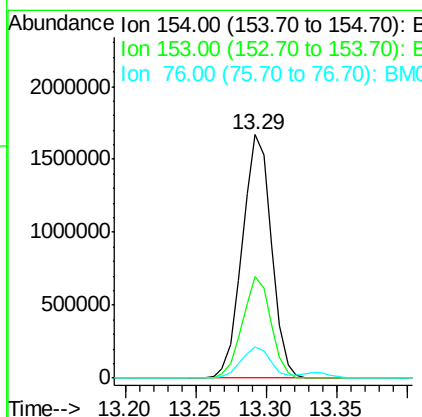
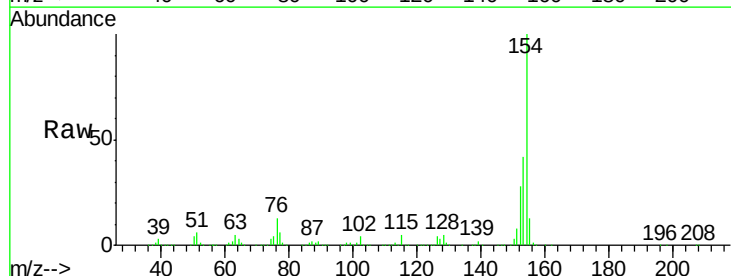
Instrument :
BNA_M
ClientSampleId :
PB120308BS

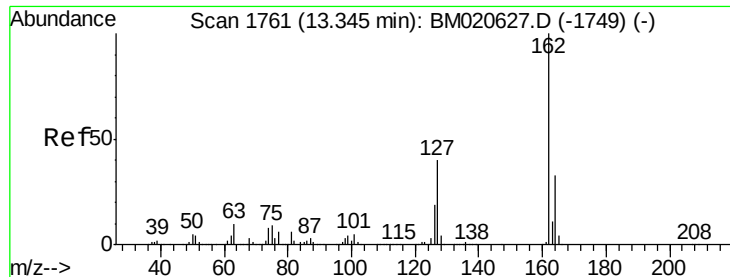
Tgt Ion:172 Resp: 4203445
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.210 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:154 Resp: 2405277
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 12.7 0.0 34.0

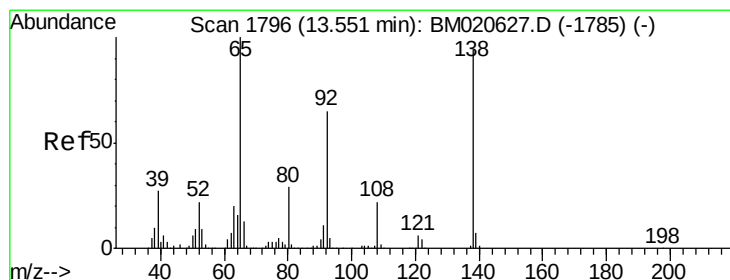
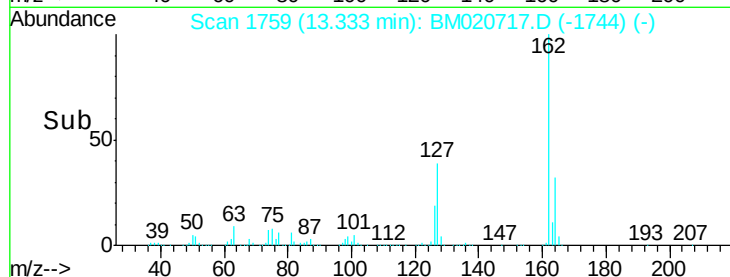
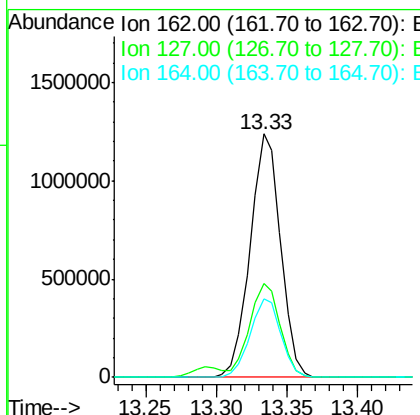
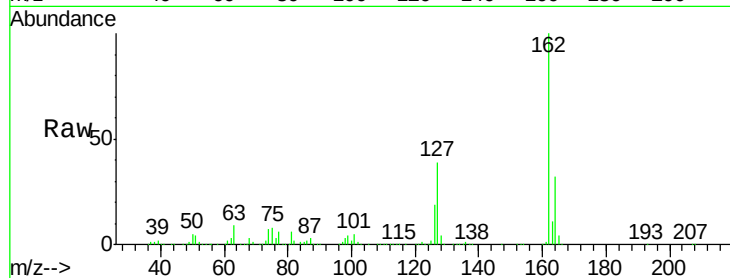




#47
2-Chloronaphthalene
Concen: 44.547 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

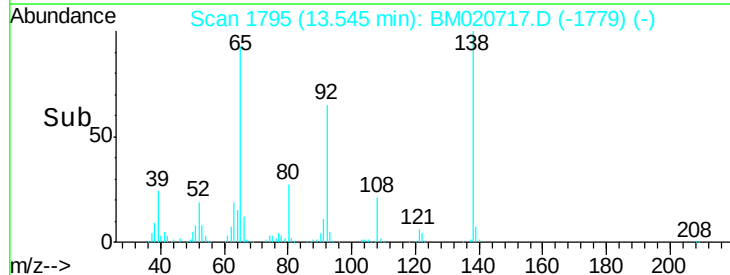
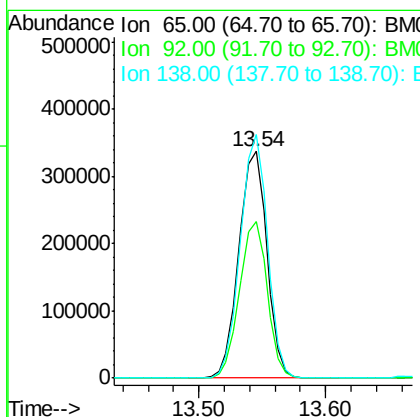
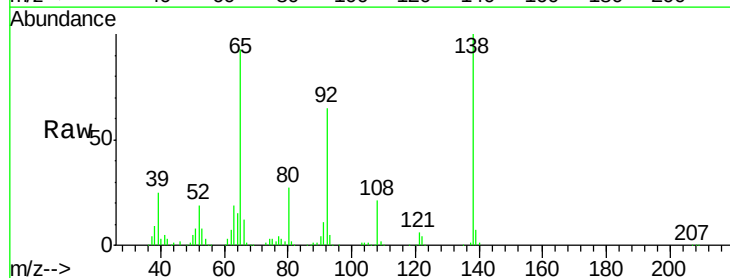
Instrument :
BNA_M
ClientSampleId :
PB120308BS

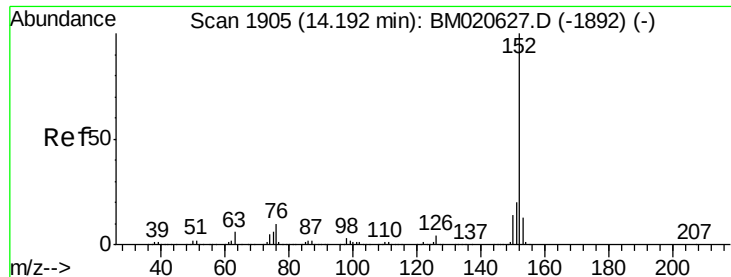
Tgt Ion:162 Resp: 1871440
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 32.5 26.6 39.8



#48
2-Nitroaniline
Concen: 39.369 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 65 Resp: 519092
Ion Ratio Lower Upper
65 100
92 69.3 52.2 78.4
138 107.5 75.4 113.0





#49

Acenaphthylene

Concen: 44.023 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

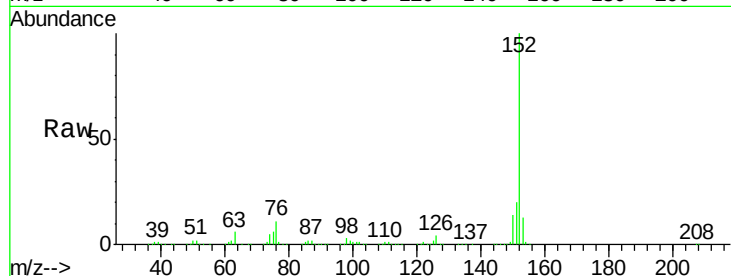
Tgt Ion:152 Resp: 2885654

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

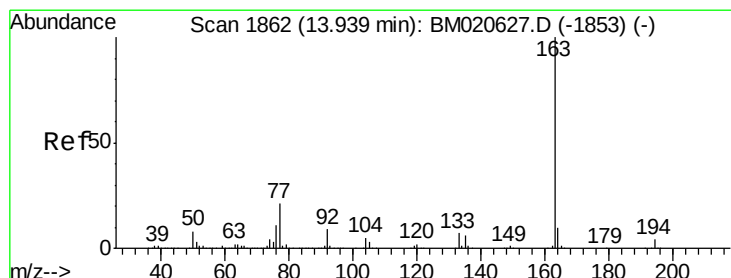
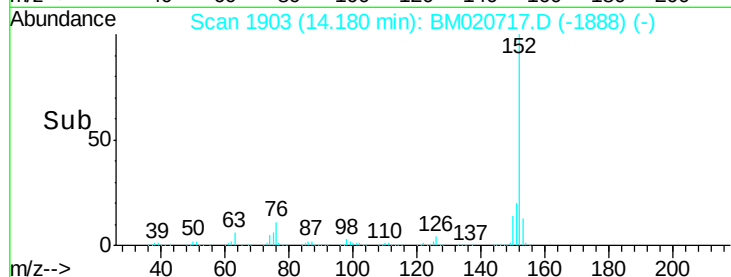
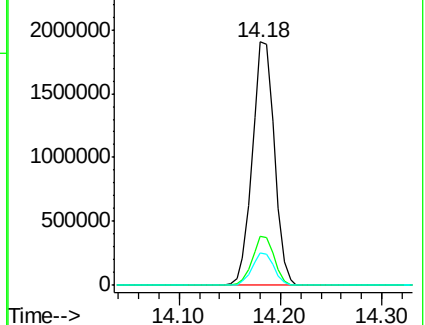
153 13.4 10.6 15.8



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: 40.781 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

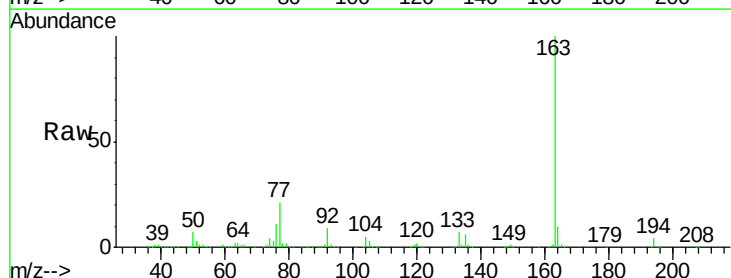
Tgt Ion:163 Resp: 2171463

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

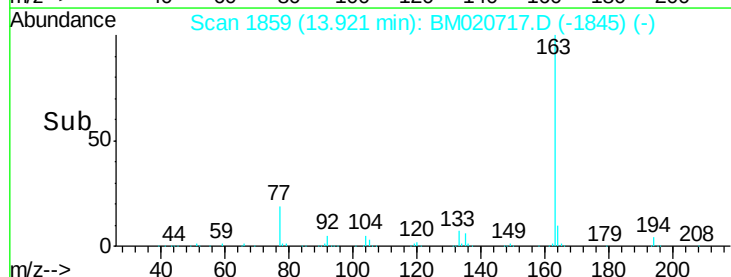
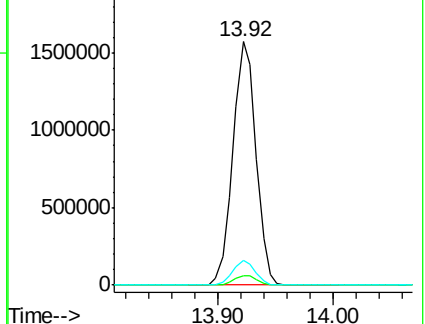
164 10.1 7.9 11.9

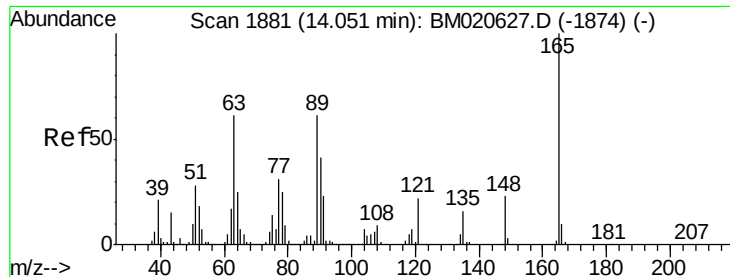


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.265 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

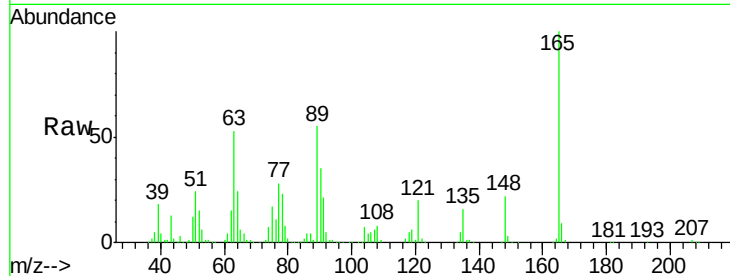
Tgt Ion:165 Resp: 467772

Ion Ratio Lower Upper

165 100

63 52.6 50.4 75.6

89 54.7 49.1 73.7

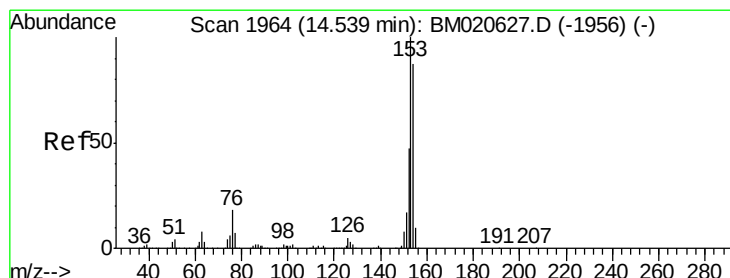
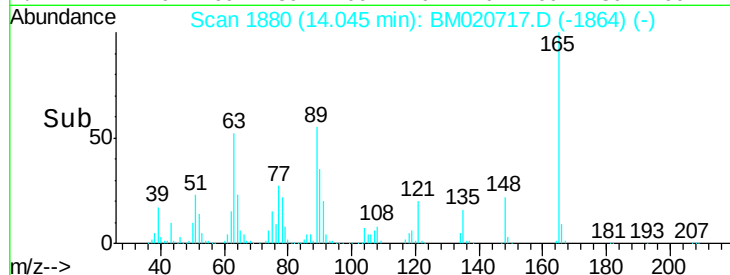
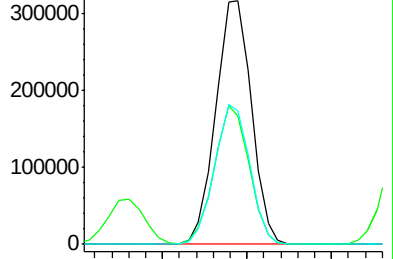


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

14.04



#52

Acenaphthene

Concen: 43.309 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

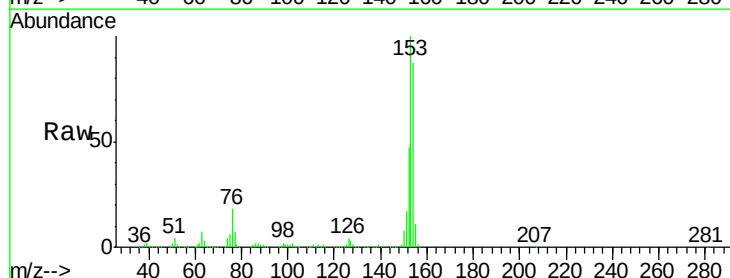
Tgt Ion:154 Resp: 1691743

Ion Ratio Lower Upper

154 100

153 114.5 92.4 138.6

152 53.3 43.4 65.0

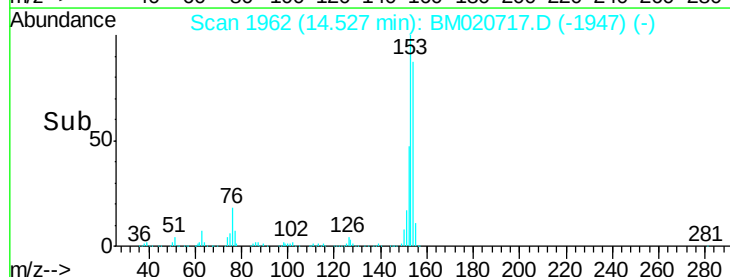
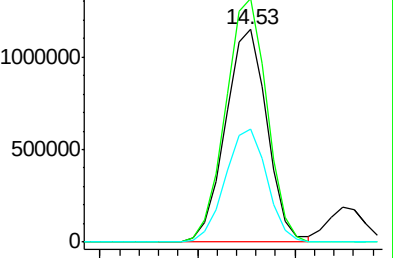


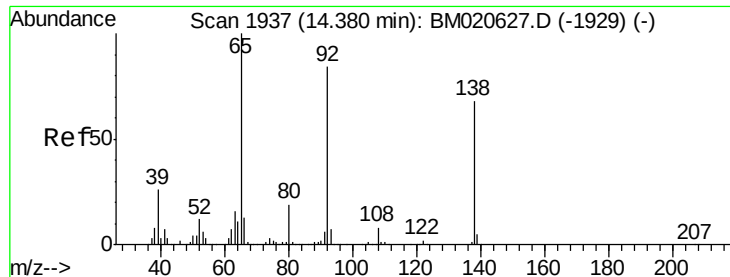
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.53





#53

3-Nitroaniline

Concen: 24.575 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

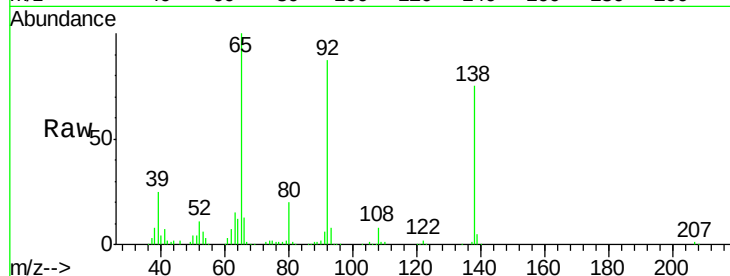
Tgt Ion:138 Resp: 296569

Ion Ratio Lower Upper

138 100

108 10.9 9.5 14.3

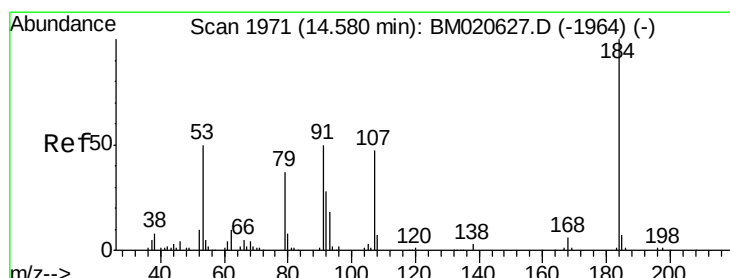
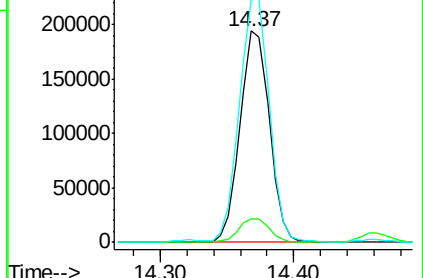
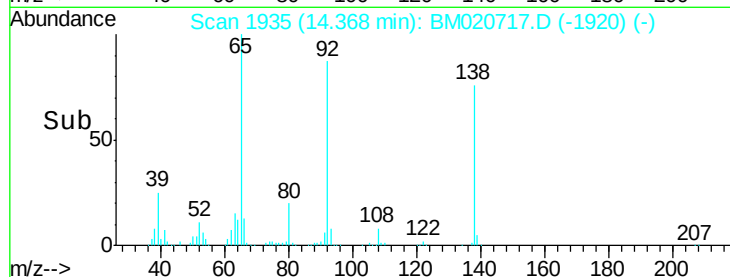
92 115.0 99.6 149.4



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: 82.778 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

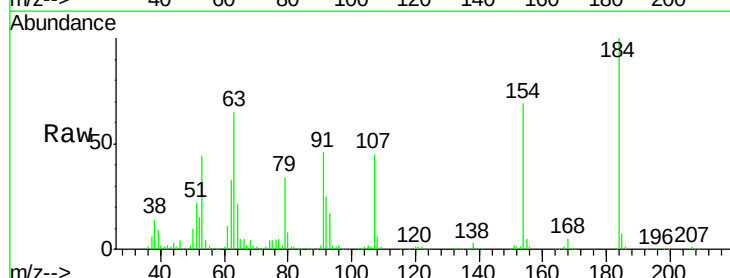
Tgt Ion:184 Resp: 386309

Ion Ratio Lower Upper

184 100

63 64.9 59.3 88.9

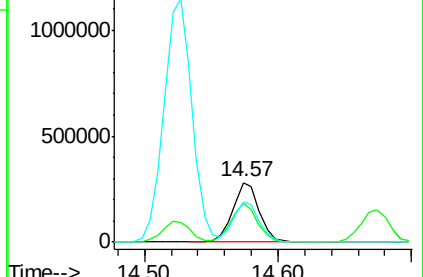
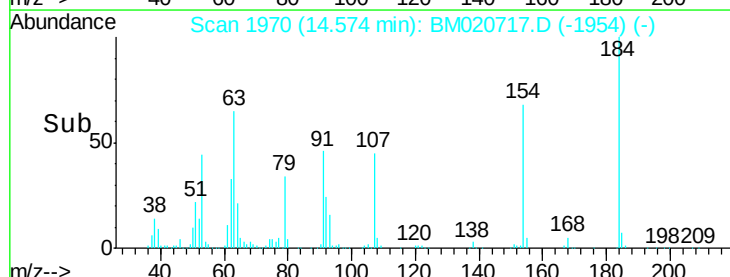
154 68.5 56.5 84.7

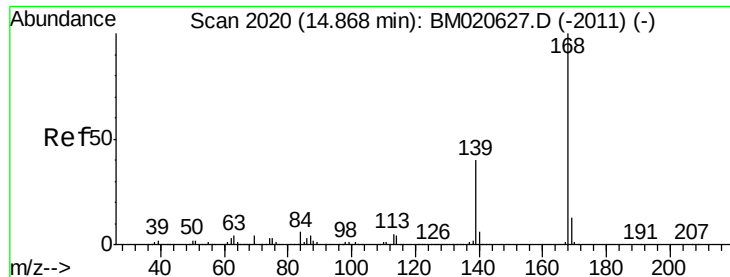


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.336 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

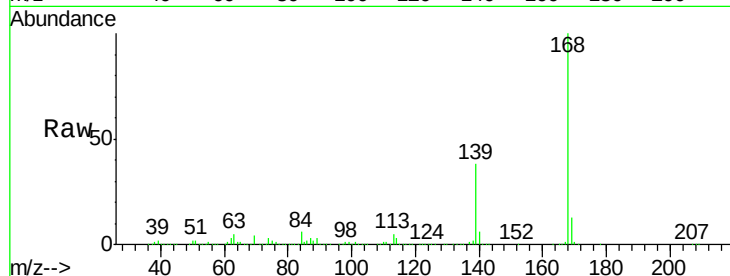
Tgt Ion:168 Resp: 2629152

Ion Ratio Lower Upper

168 100

139 38.4 31.9 47.9

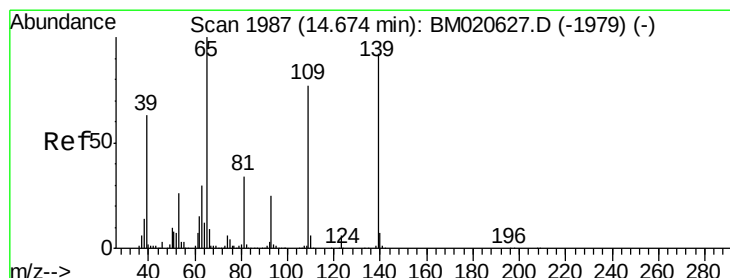
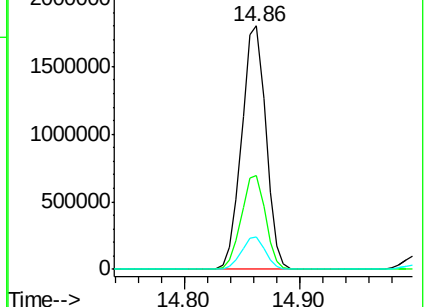
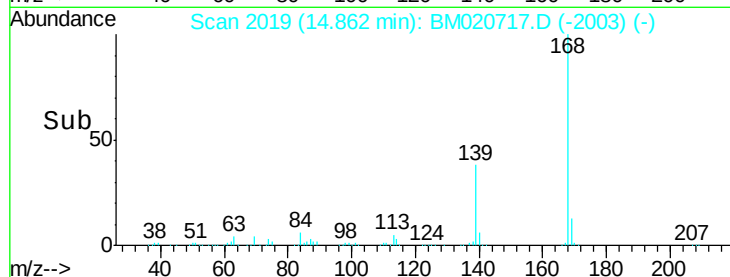
169 13.2 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.044 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

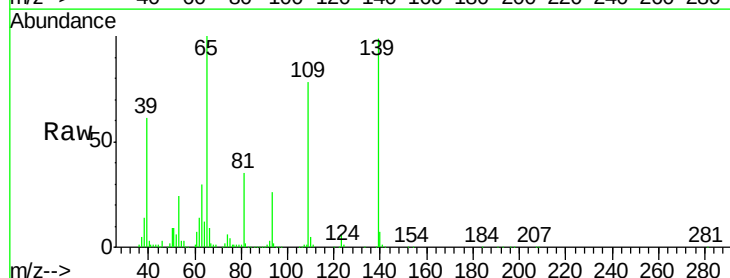
Tgt Ion:139 Resp: 756280

Ion Ratio Lower Upper

139 100

109 78.1 62.7 102.7

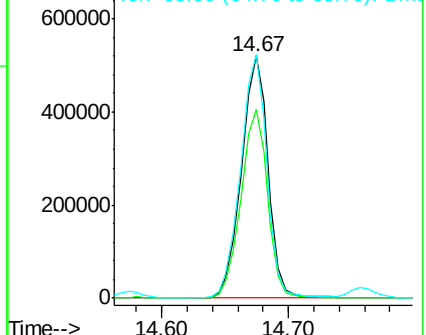
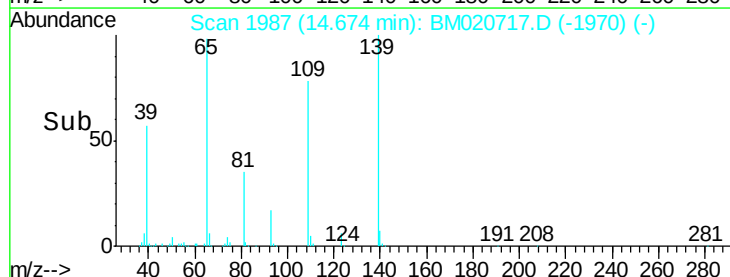
65 100.6 88.3 128.3

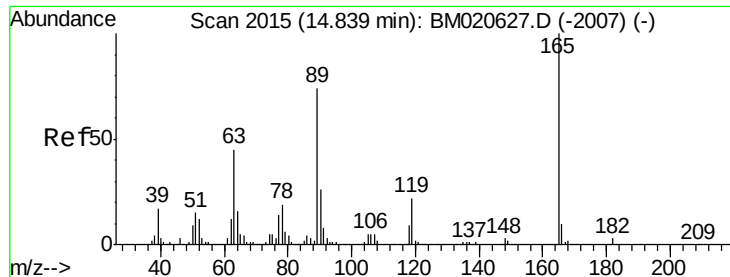


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

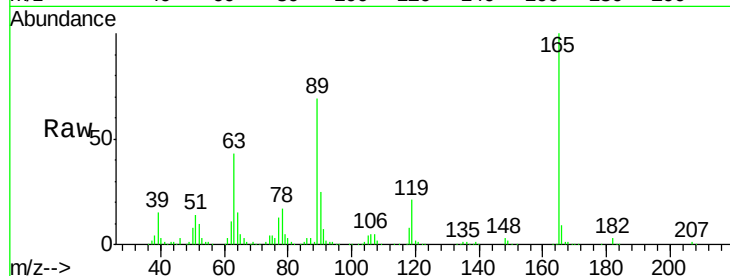




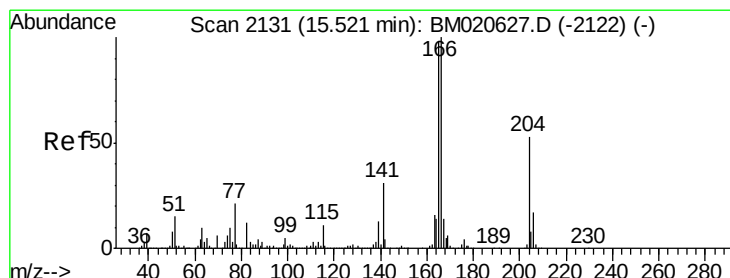
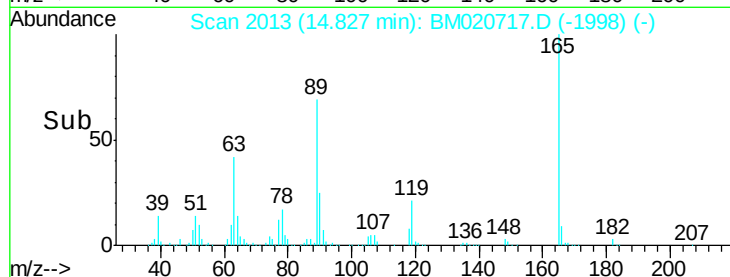
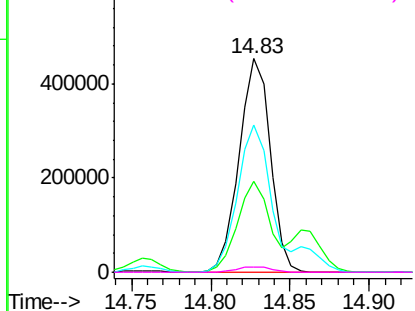
#57
2,4-Dinitrotoluene
Concen: 42.869 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion:165 Resp: 620596
Ion Ratio Lower Upper
165 100
63 42.8 36.3 54.5
89 69.1 59.0 88.6
182 2.7 2.2 3.4

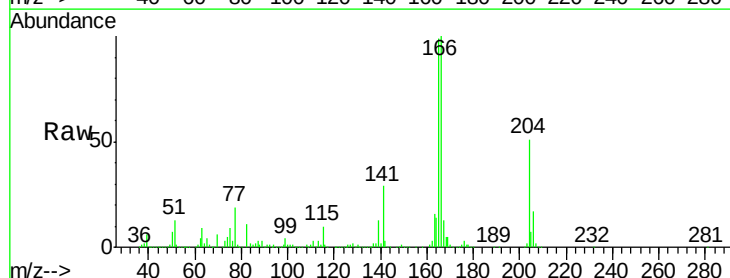


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

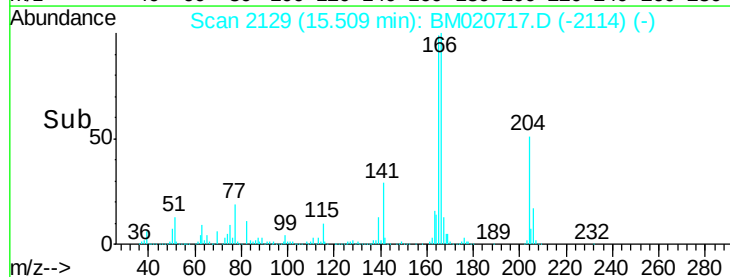
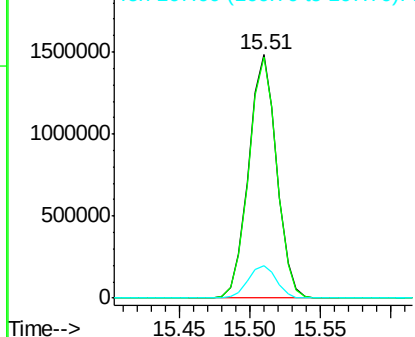


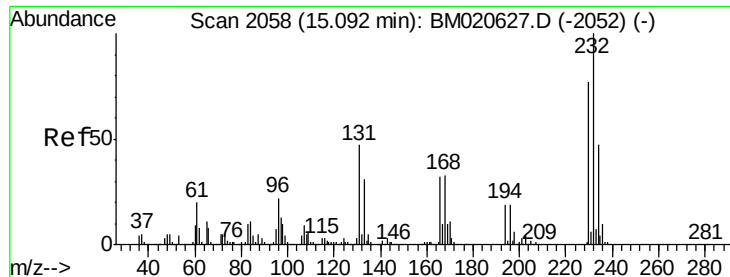
#58
Fluorene
Concen: 41.390 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:166 Resp: 2064997
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

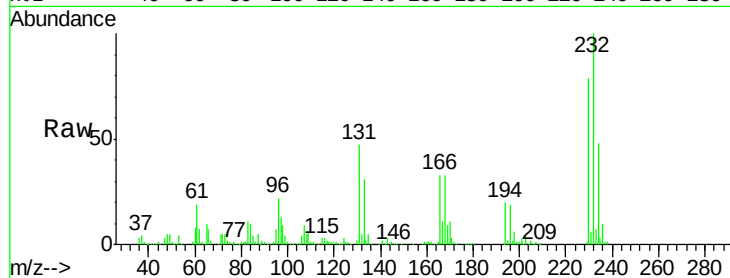




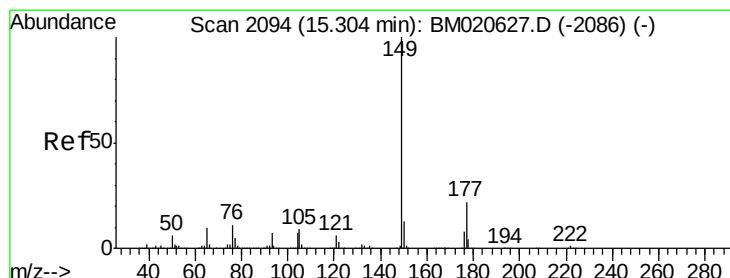
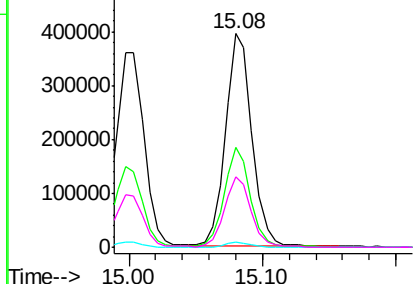
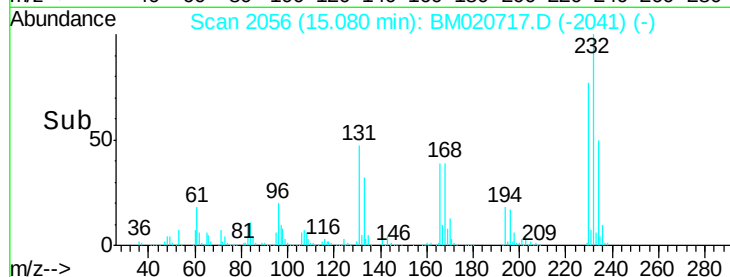
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.249 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Instrument :
 BNA_M
 ClientSampleId :
 PB120308BS

Tgt Ion: 232 Resp: 546983
 Ion Ratio Lower Upper
 232 100
 131 45.7 38.6 57.8
 130 2.5 2.2 3.2
 166 33.0 26.6 39.8

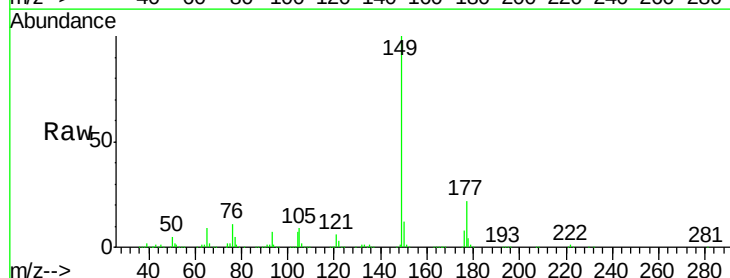


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

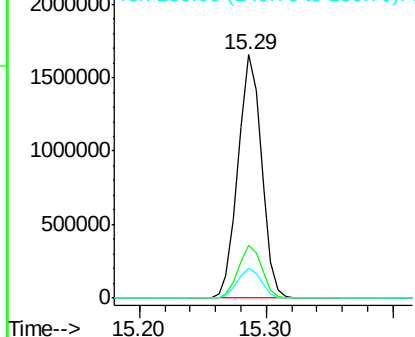
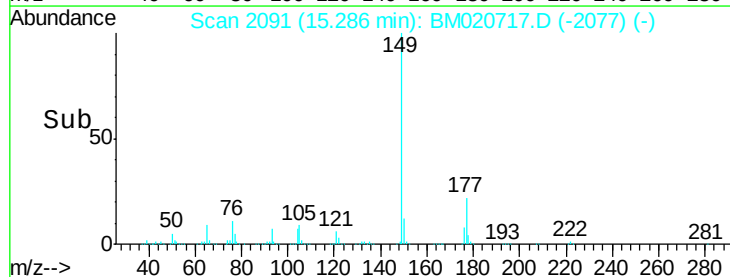


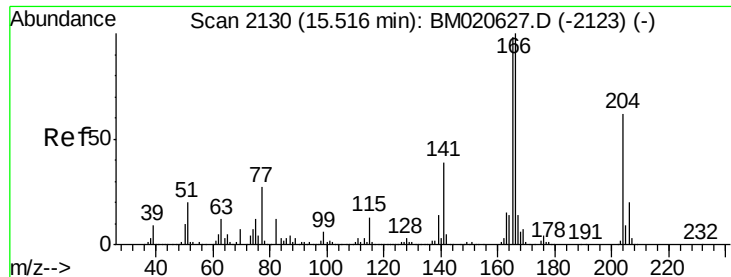
#60
 Diethylphthalate
 Concen: 38.566 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020717.D
 Acq: 05 Jun 2019 01:29

Tgt Ion: 149 Resp: 2117879
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.2 25.8
 150 12.5 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

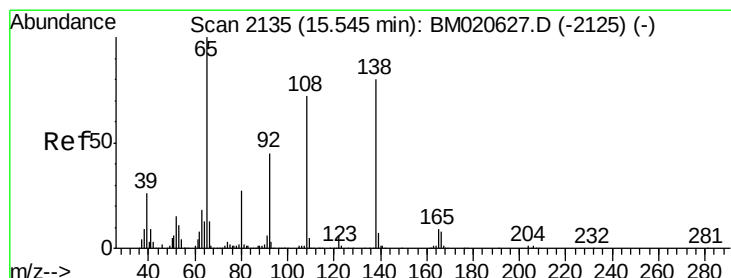
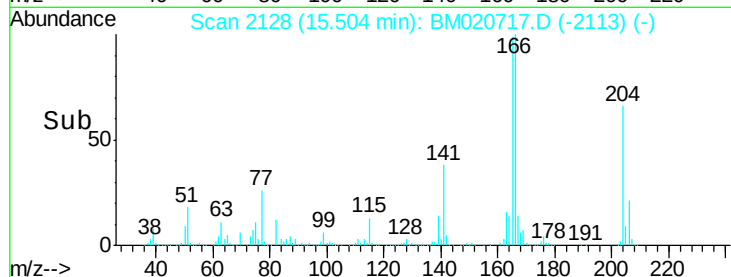
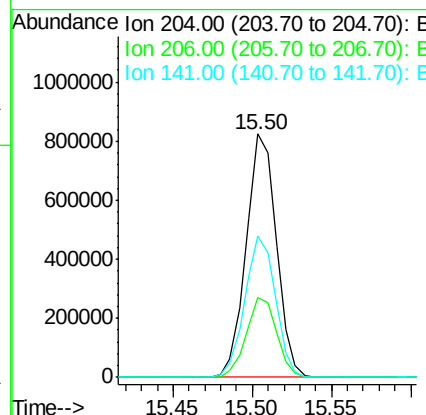
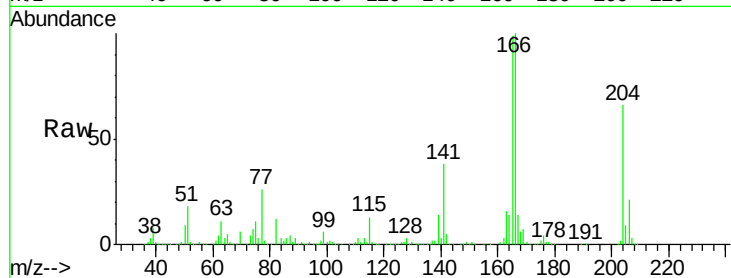




#61
4-Chlorophenyl-phenylether
Concen: 41.267 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

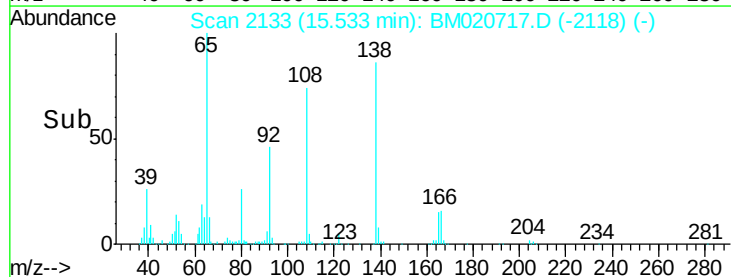
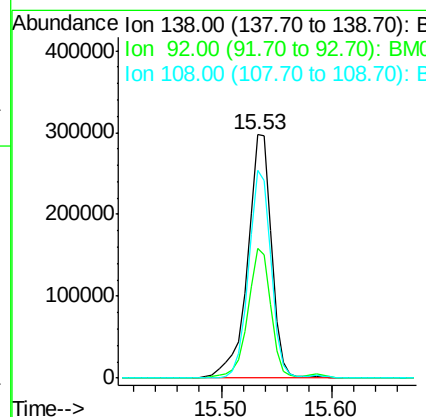
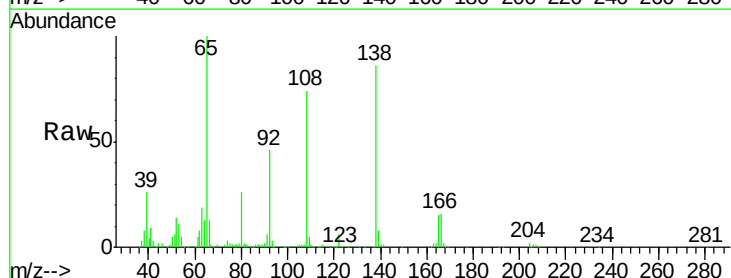
Instrument :
BNA_M
ClientSampleId :
PB120308BS

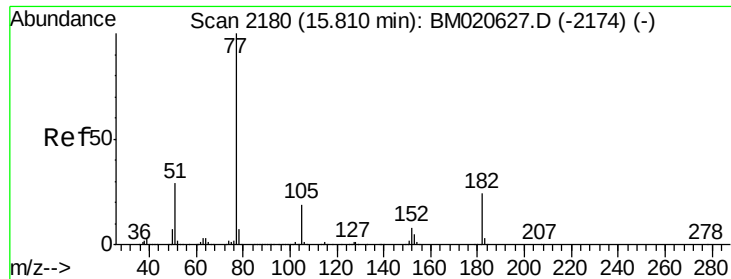
Tgt Ion:204 Resp: 1090133
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.8 50.2 75.4



#62
4-Nitroaniline
Concen: 35.660 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:138 Resp: 456398
Ion Ratio Lower Upper
138 100
92 53.5 36.7 76.7
108 85.3 70.3 110.3

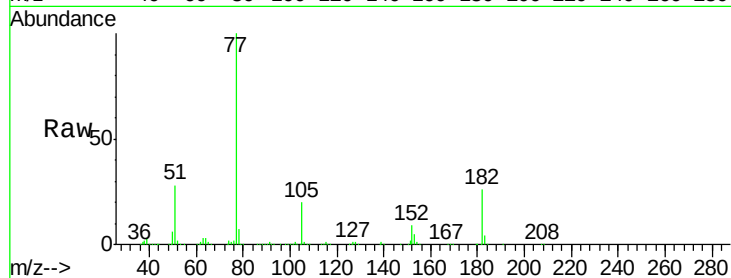




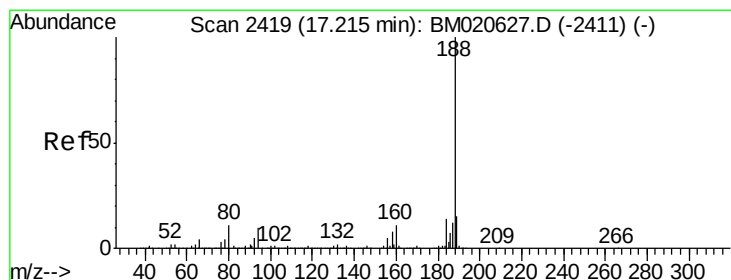
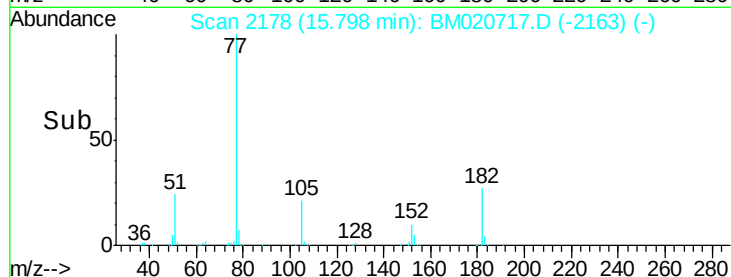
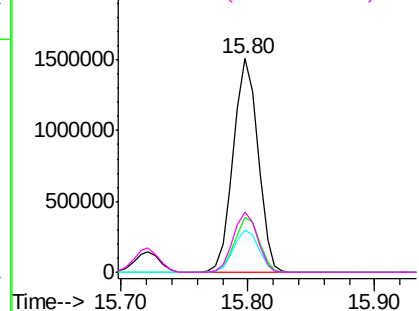
#63
Azobenzene
Concen: 38.405 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Instrument :
BNA_M
ClientSampleId :
PB120308BS

Tgt Ion: 77 Resp: 2021940
Ion Ratio Lower Upper
77 100
182 25.8 3.6 43.6
105 19.8 0.0 39.4
51 28.4 9.5 49.5

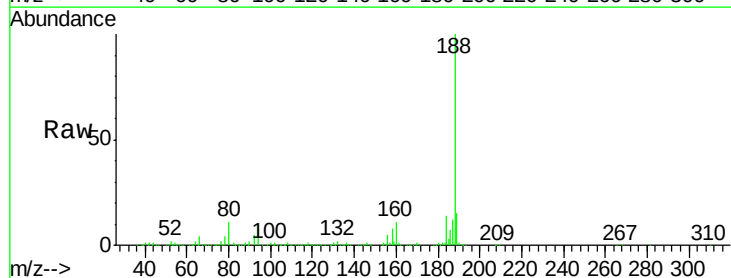


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

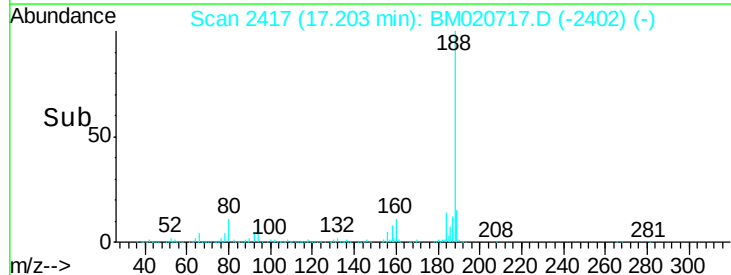
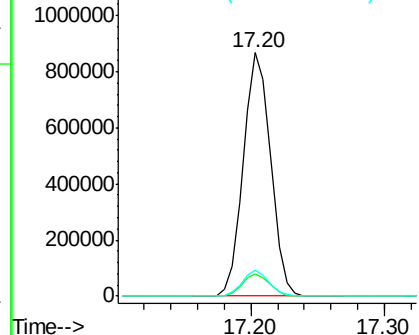


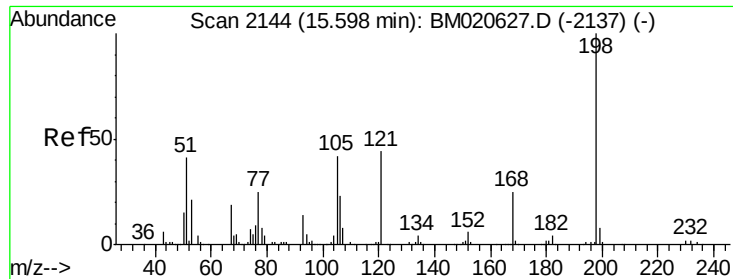
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion: 188 Resp: 1221840
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 10.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 43.827 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

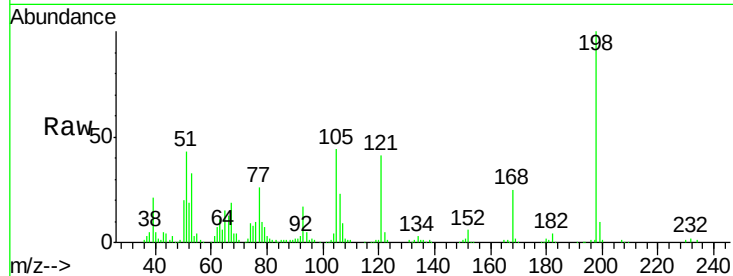
Tgt Ion:198 Resp: 238443

Ion Ratio Lower Upper

198 100

51 43.4 27.7 67.7

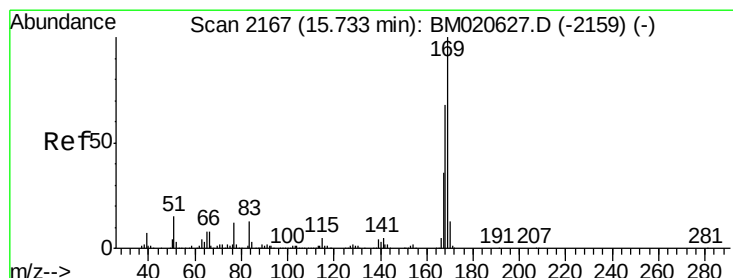
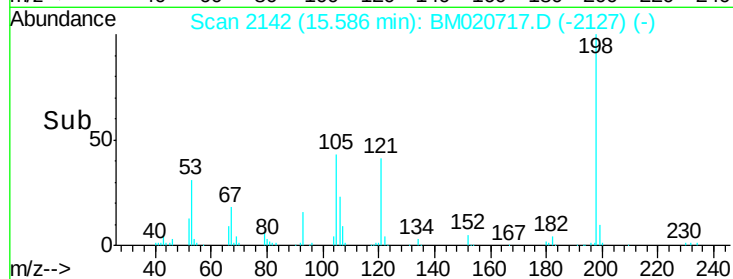
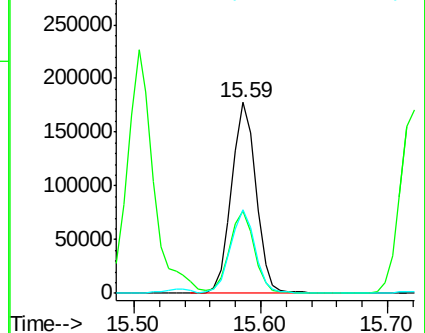
105 43.6 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.489 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

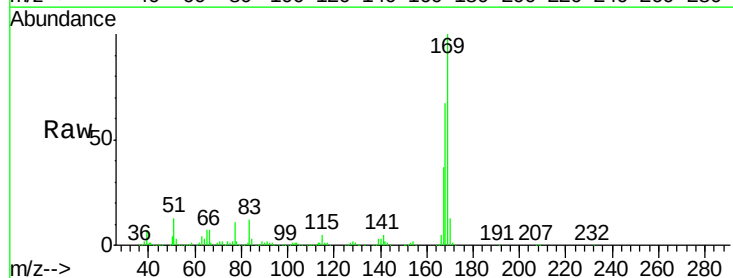
Tgt Ion:169 Resp: 1779260

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

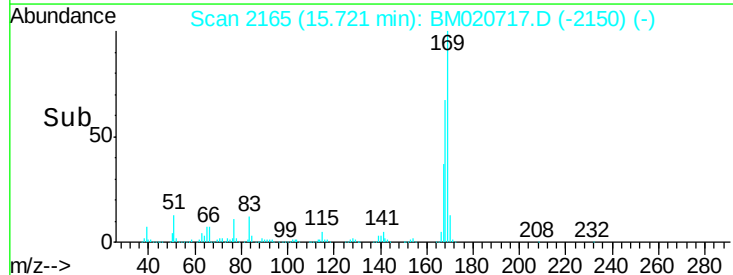
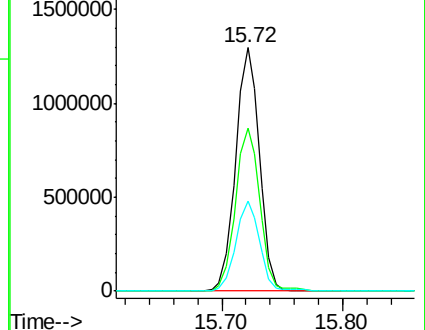
167 36.8 29.1 43.7

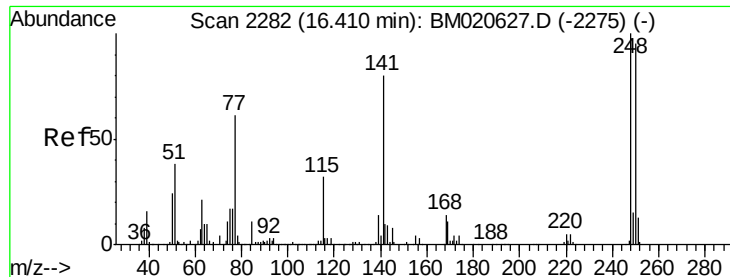


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

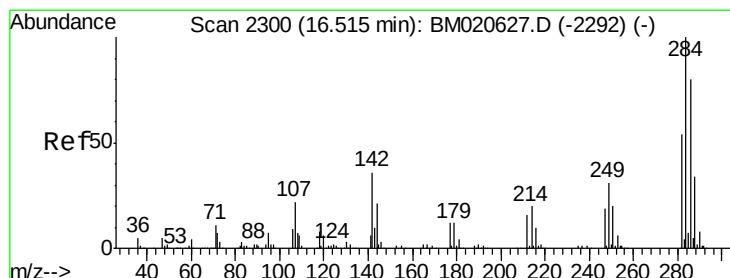
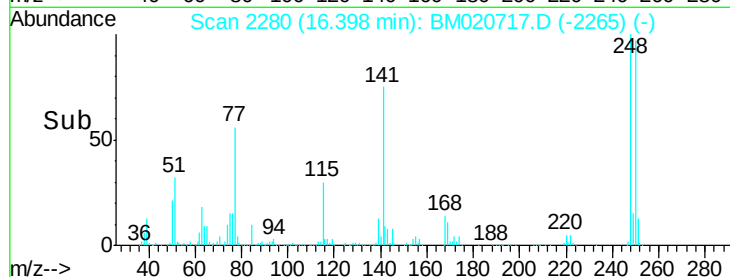
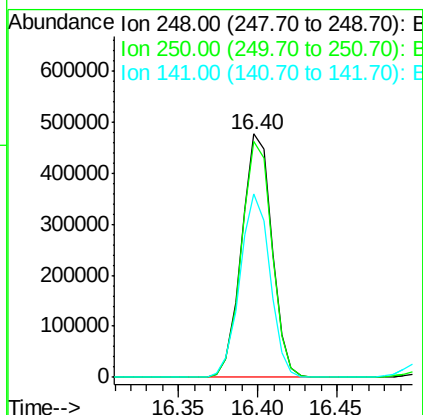
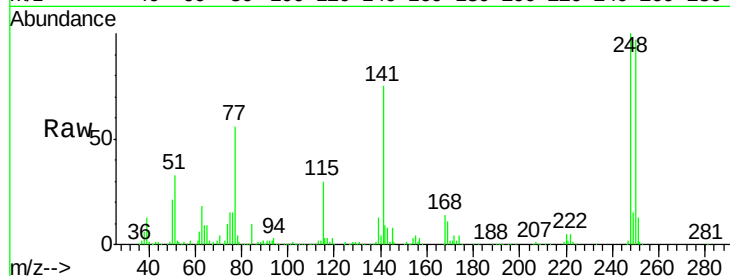




#67
4-Bromophenyl-phenylether
Concen: 43.942 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

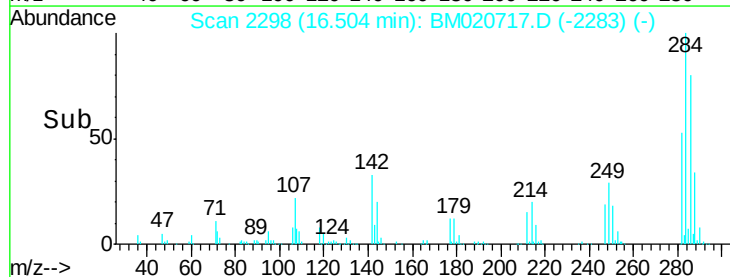
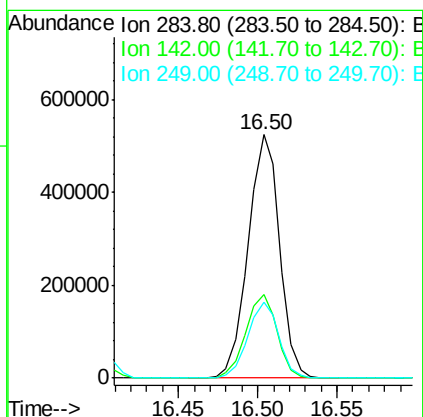
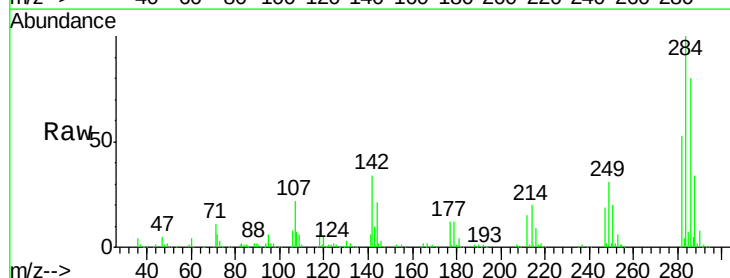
Instrument :
BNA_M
ClientSampleId :
PB120308BS

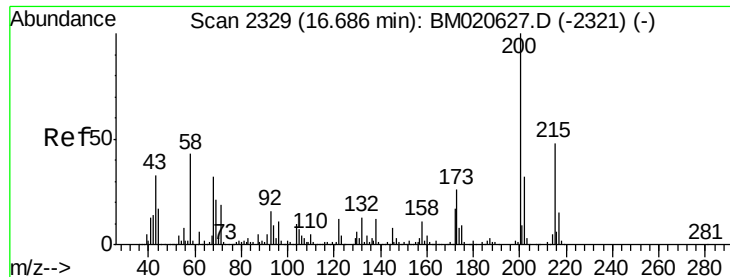
Tgt Ion:248 Resp: 632148
Ion Ratio Lower Upper
248 100
250 96.8 76.3 114.5
141 75.1 64.2 96.2



#68
Hexachlorobenzene
Concen: 42.814 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:284 Resp: 719208
Ion Ratio Lower Upper
284 100
142 34.1 28.6 42.8
249 31.3 25.0 37.4





#69

Atrazine

Concen: 48.157 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

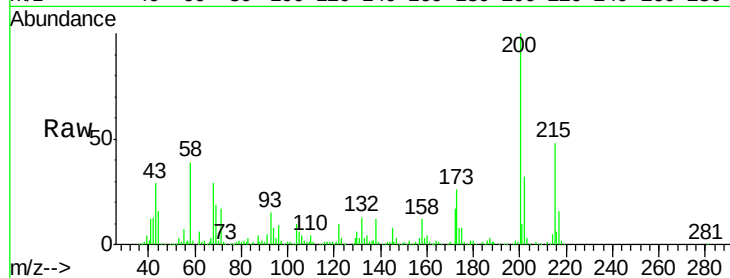
Tgt Ion:200 Resp: 562179

Ion Ratio Lower Upper

200 100

173 25.7 6.2 46.2

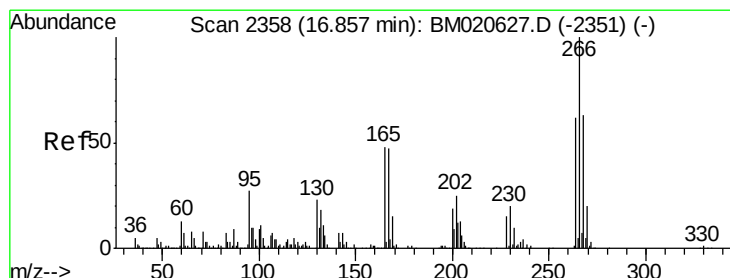
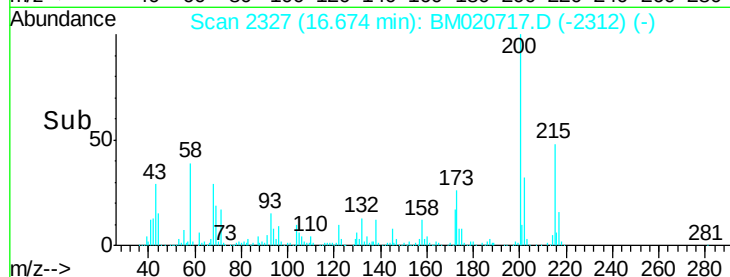
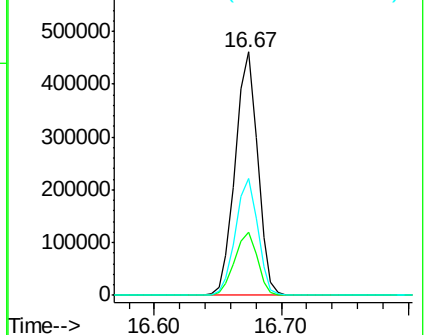
215 48.2 27.7 67.7



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: 102.804 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

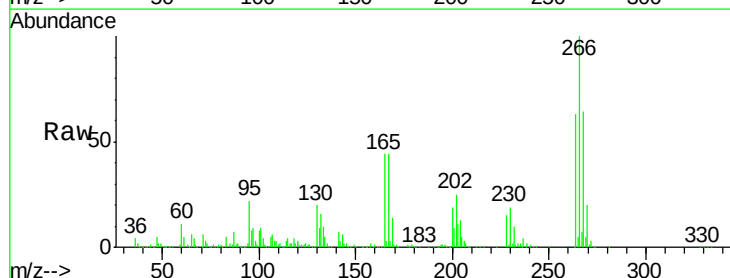
Tgt Ion:266 Resp: 823870

Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

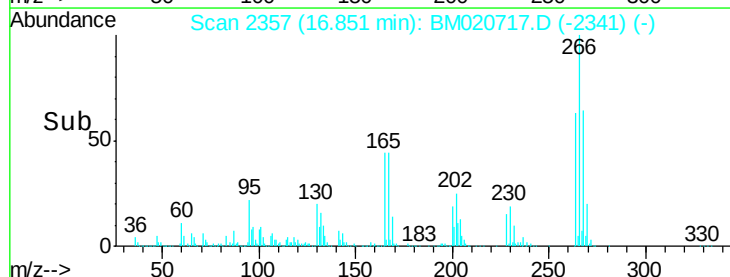
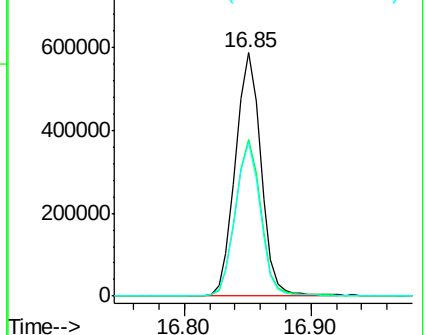
264 63.2 49.6 74.4

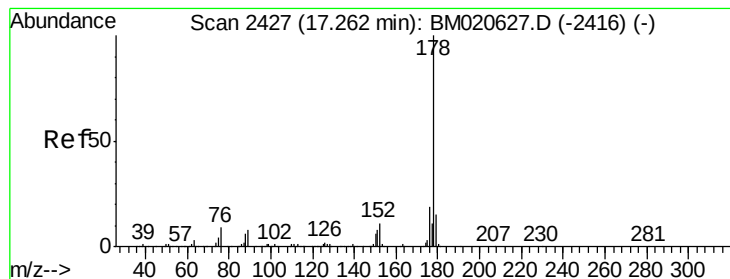


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.176 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

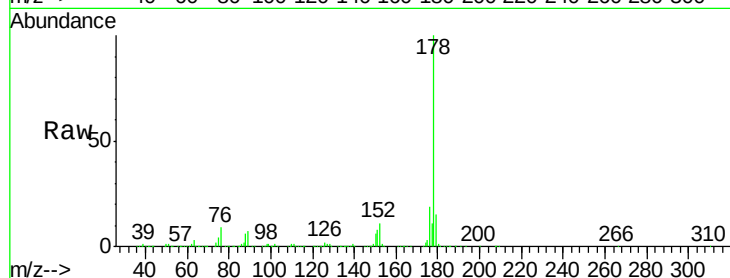
Tgt Ion:178 Resp: 2990255

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

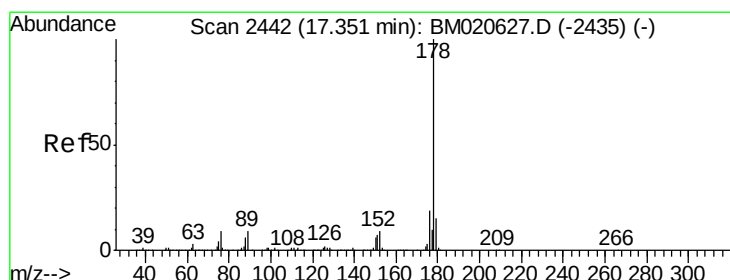
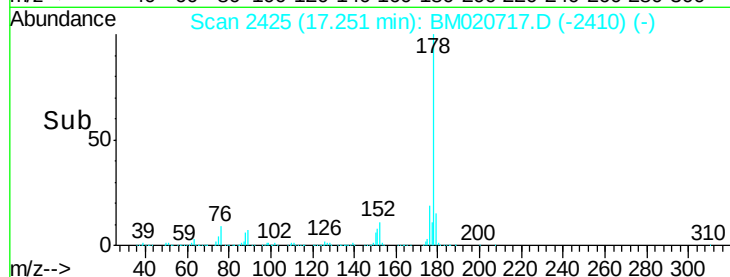
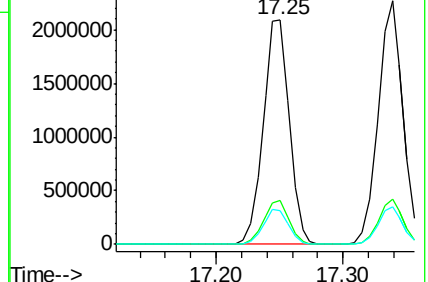
179 15.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.215 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

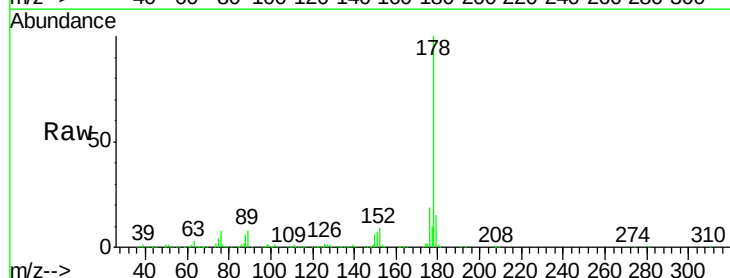
Tgt Ion:178 Resp: 3064893

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

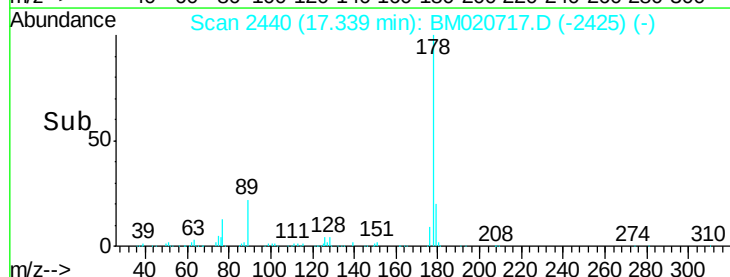
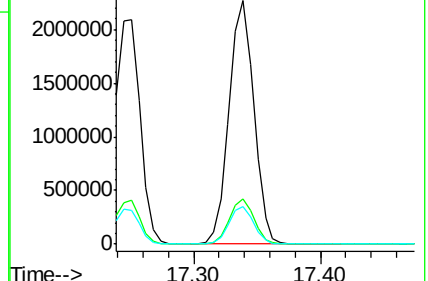
179 15.5 12.3 18.5

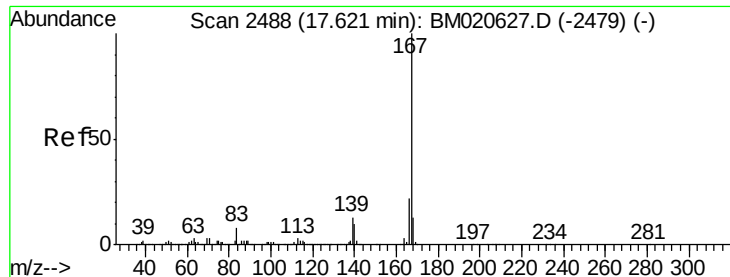


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.005 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

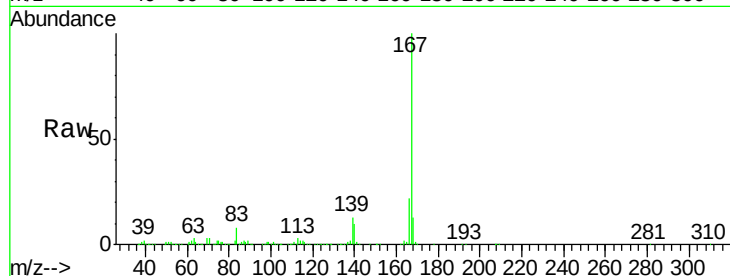
Tgt Ion:167 Resp: 2642296

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

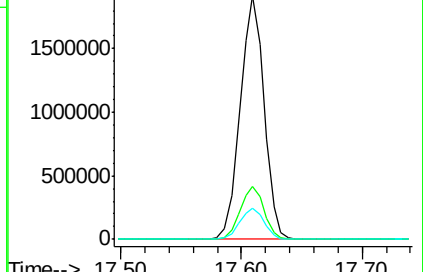
139 13.1 10.6 15.8



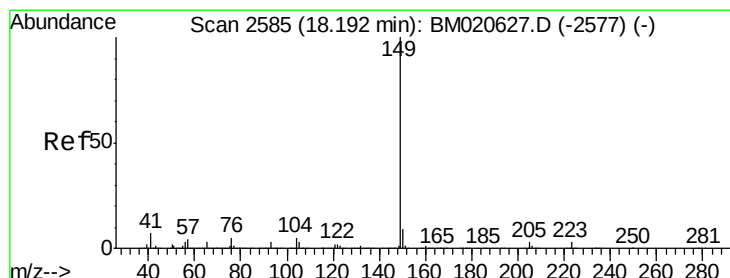
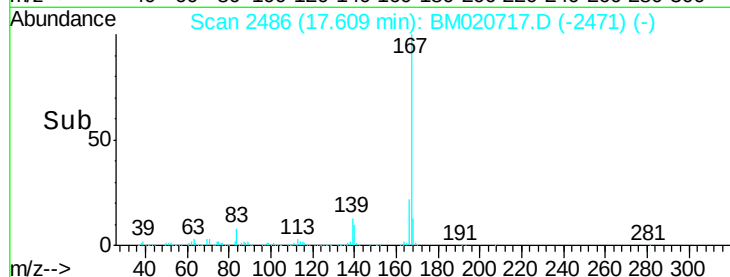
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 39.572 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

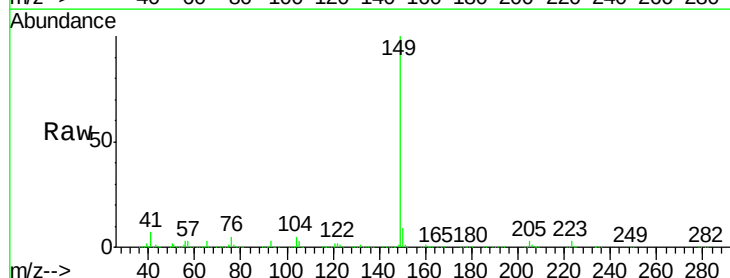
Tgt Ion:149 Resp: 3231366

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

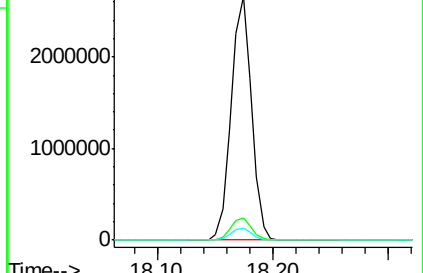
104 5.0 4.2 6.2



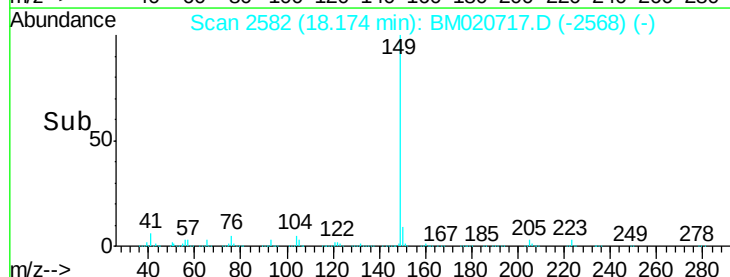
Abundance Ion 149.00 (148.70 to 149.70): E

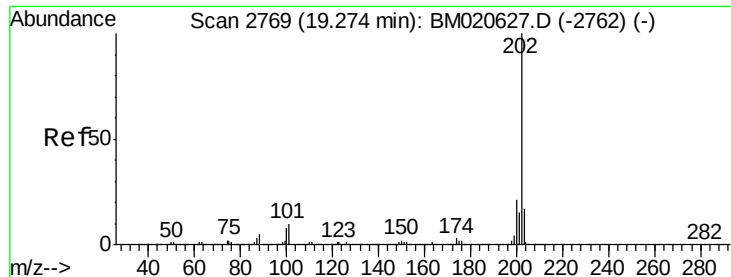
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 41.796 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

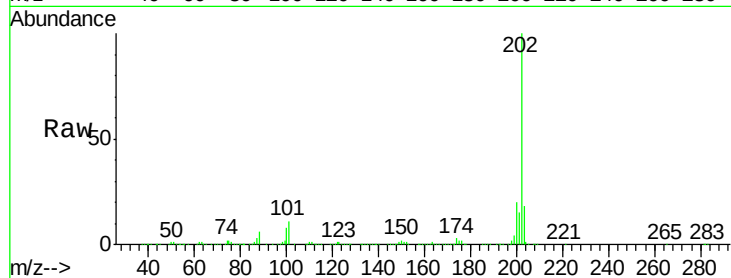
Tgt Ion:202 Resp: 3219121

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.4

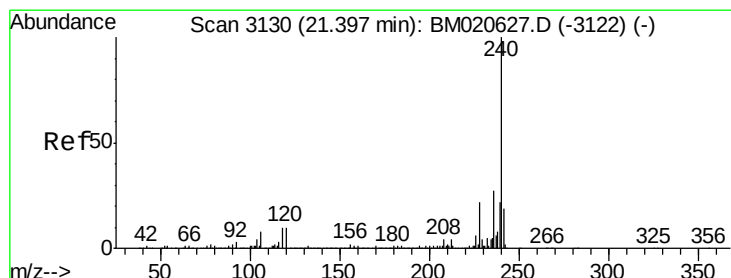
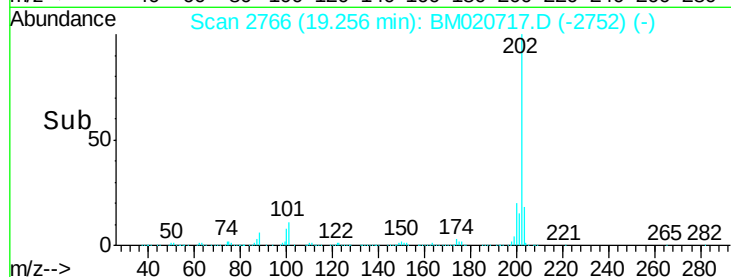
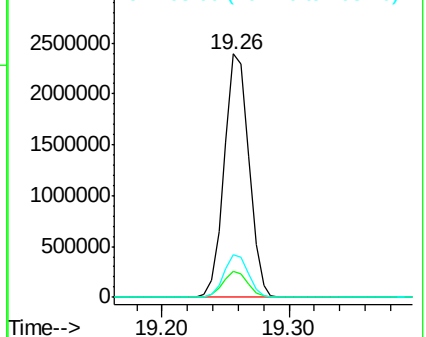
203 17.8 0.0 37.3



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: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

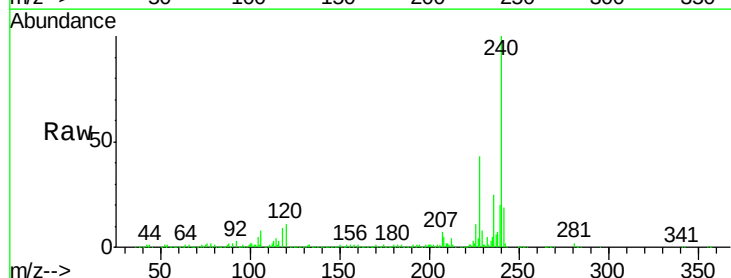
Tgt Ion:240 Resp: 1061144

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

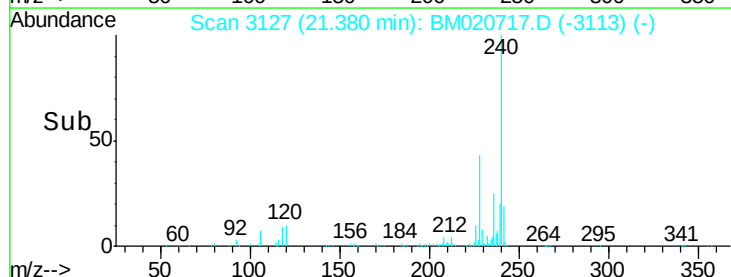
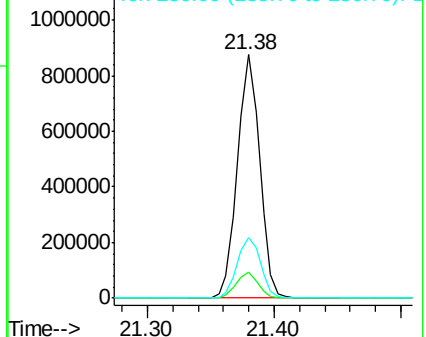
236 25.0 21.2 31.8

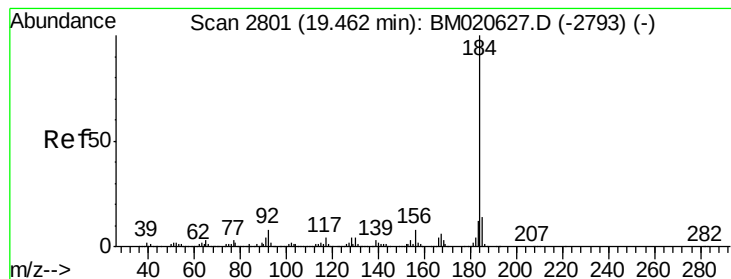


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.859 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

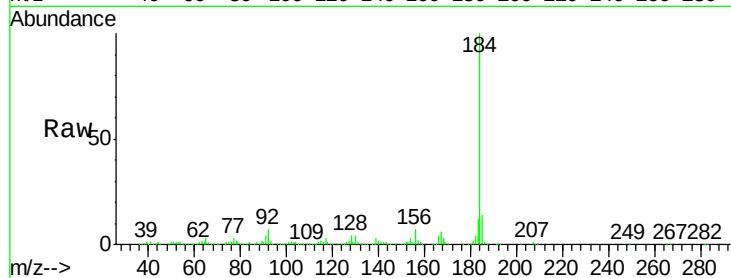
Tgt Ion:184 Resp: 1442393

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

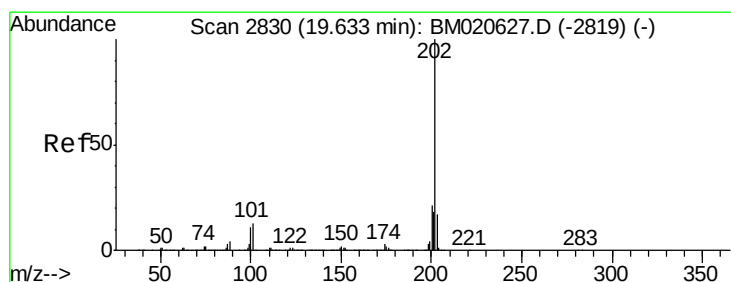
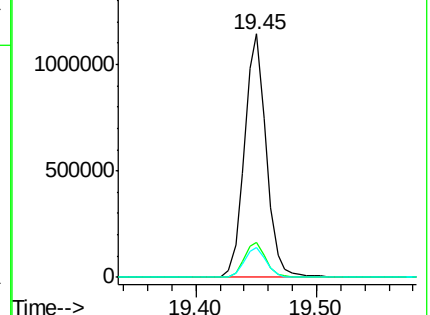
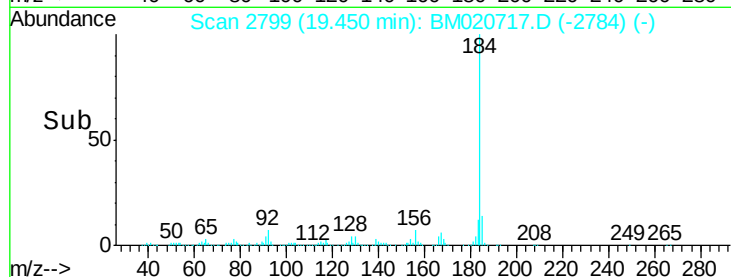
183 12.0 9.8 14.6



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: 39.940 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

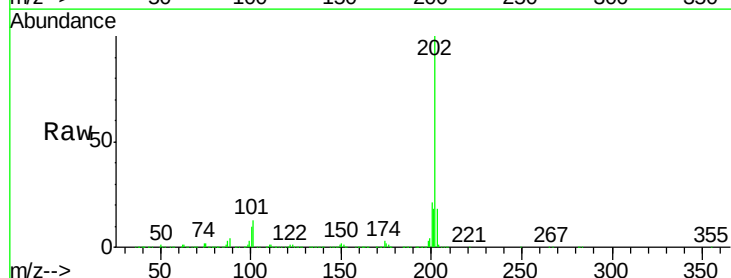
Tgt Ion:202 Resp: 3252367

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

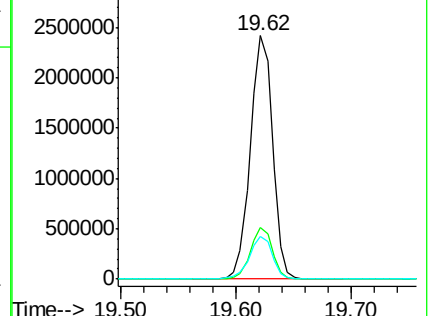
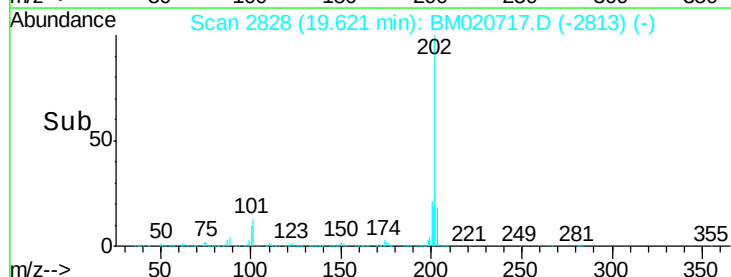
203 17.5 13.9 20.9

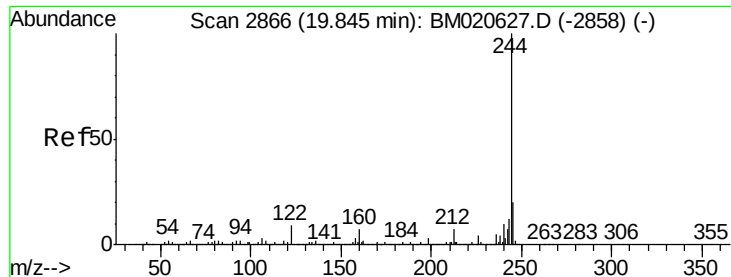


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.814 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampled :

PB120308BS

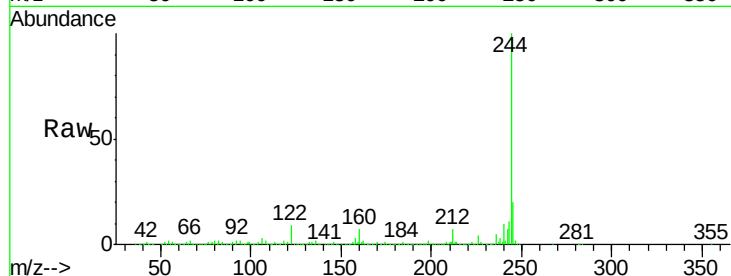
Tgt Ion:244 Resp: 4873157

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

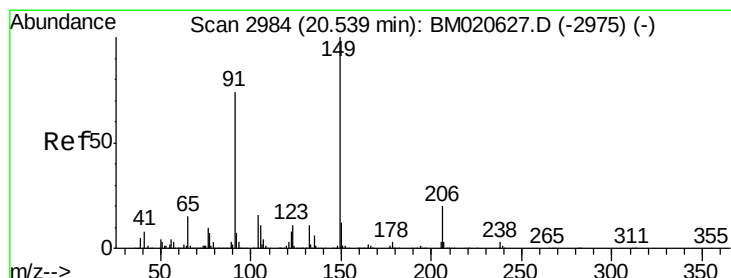
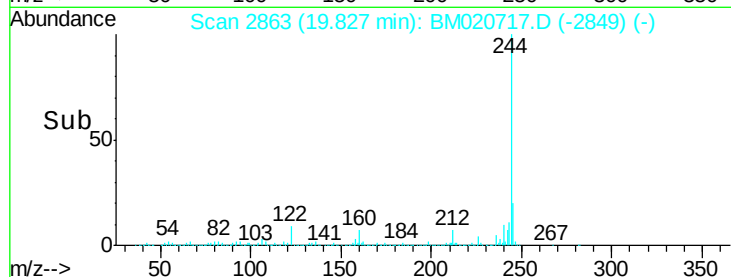
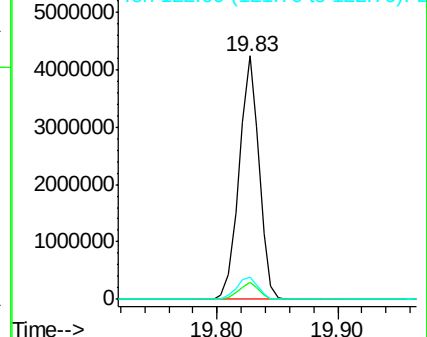
122 9.3 7.2 10.8



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: 37.442 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

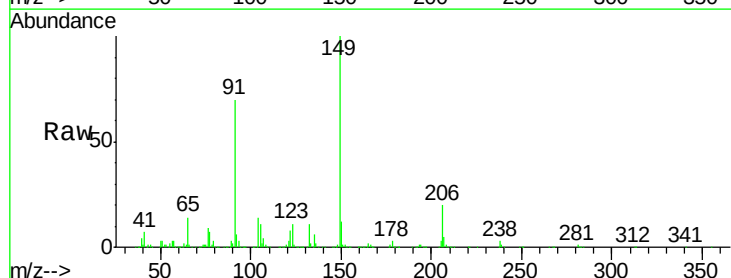
Tgt Ion:149 Resp: 1288470

Ion Ratio Lower Upper

149 100

91 70.0 59.6 89.4

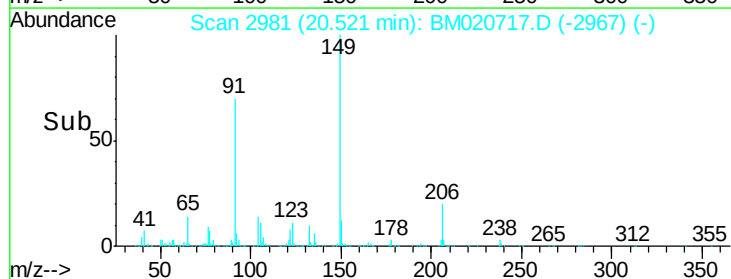
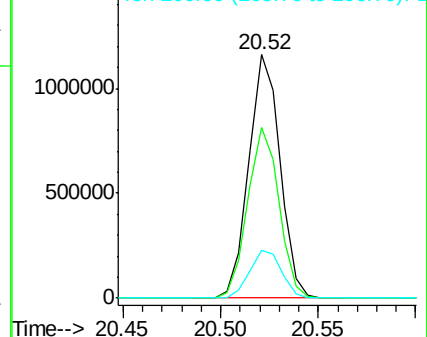
206 19.7 15.7 23.5

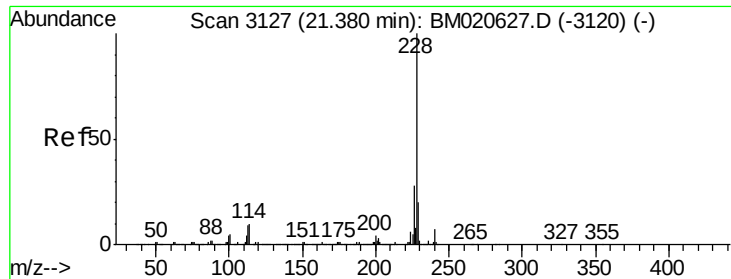


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

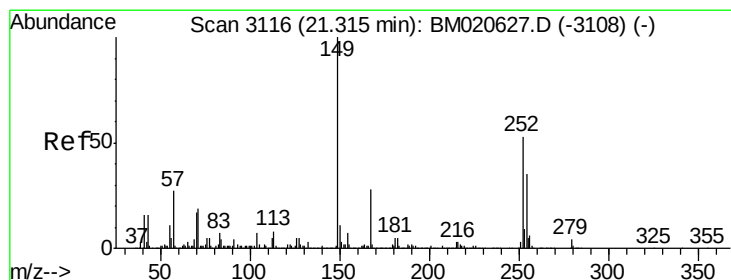
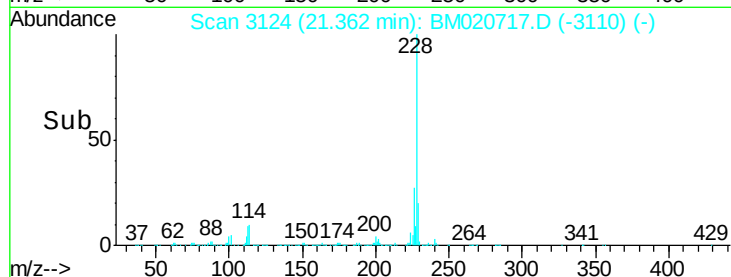
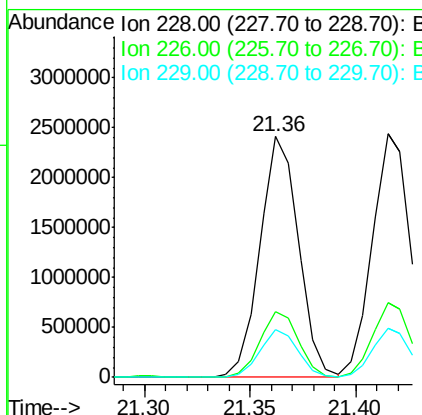
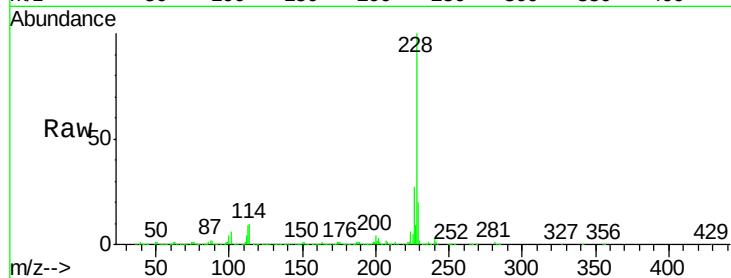




#81
Benzo(a)anthracene
Concen: 41.531 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

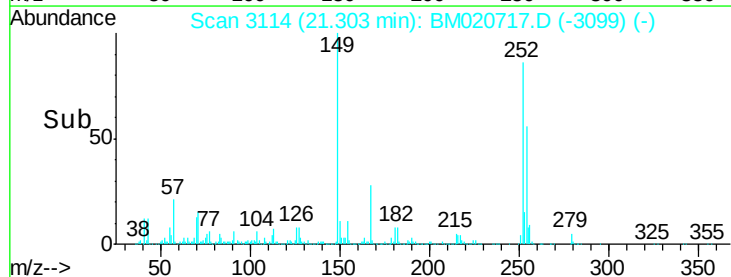
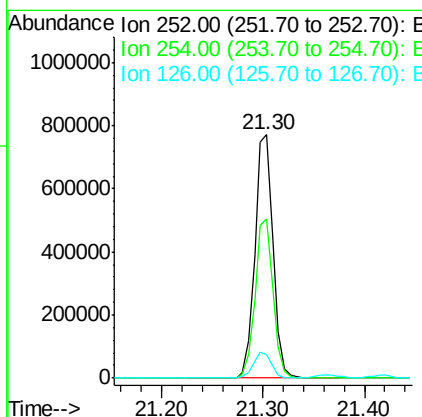
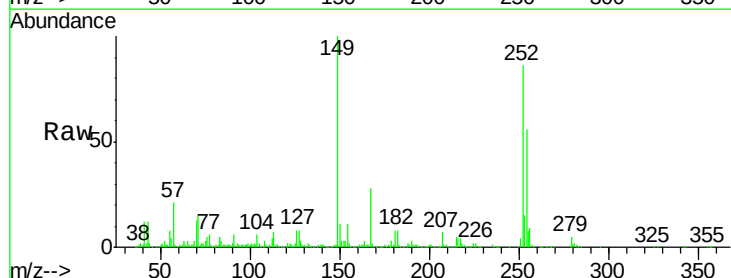
Instrument :
BNA_M
ClientSampleId :
PB120308BS

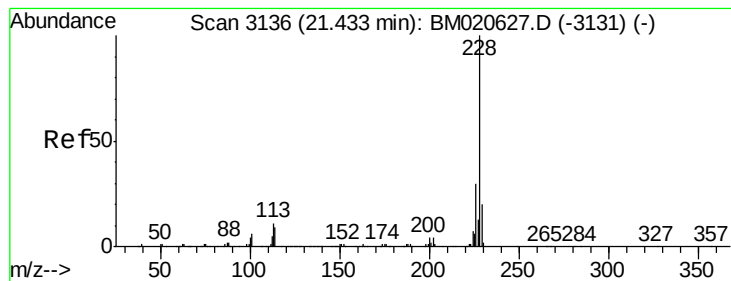
Tgt Ion:228 Resp: 3068981
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 35.098 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020717.D
Acq: 05 Jun 2019 01:29

Tgt Ion:252 Resp: 949747
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 9.7 8.0 12.0





#83

Chrysene

Concen: 43.155 ng

RT: 21.41 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

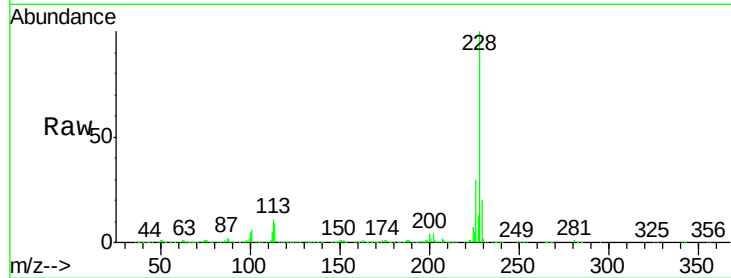
Tgt Ion:228 Resp: 3031383

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

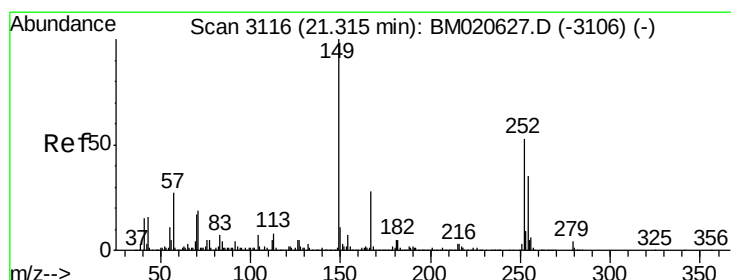
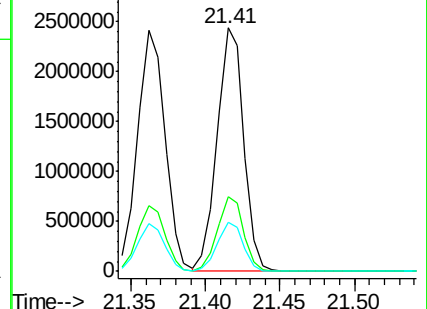
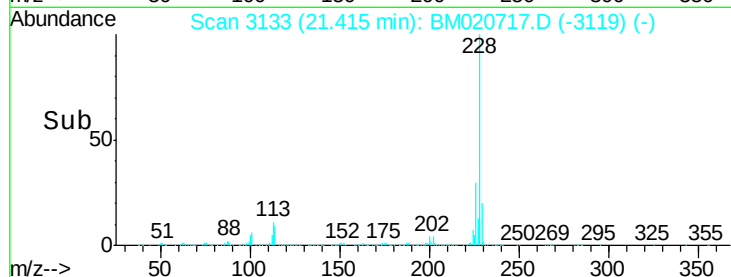
229 20.0 15.8 23.6



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: 36.013 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

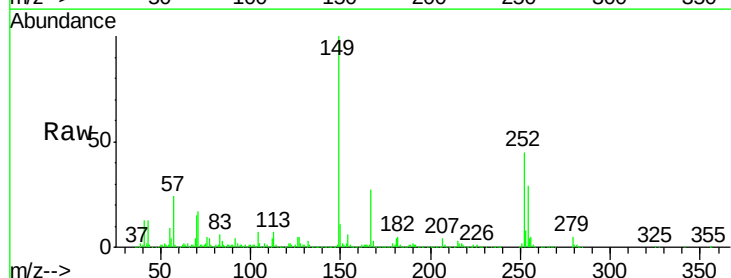
Tgt Ion:149 Resp: 1801161

Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

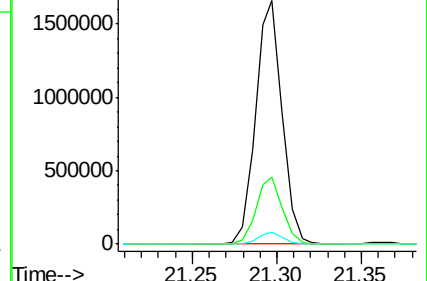
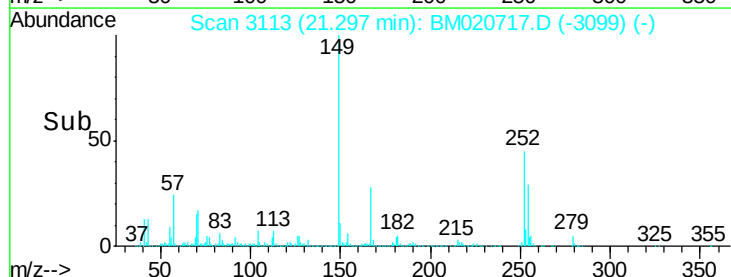
279 4.8 3.4 5.0

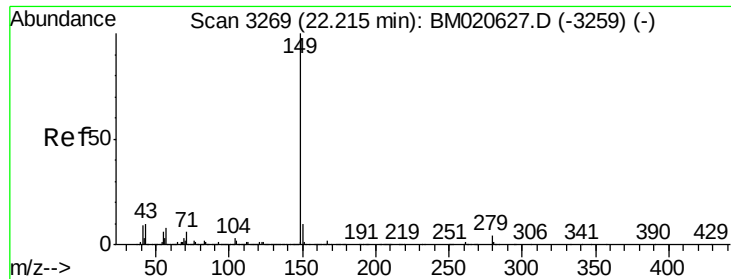


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.276 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

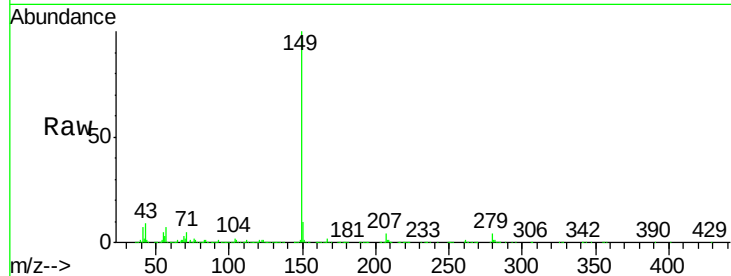
Tgt Ion:149 Resp: 3039277

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

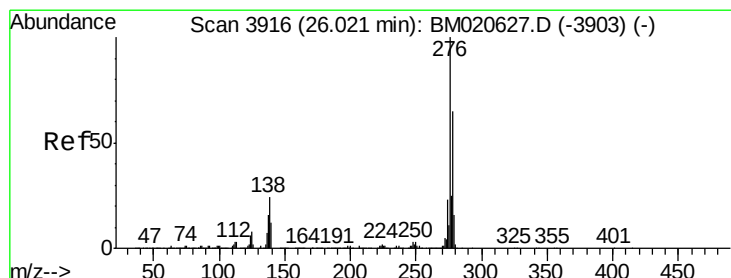
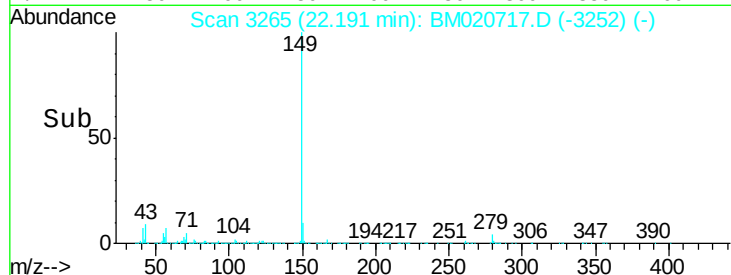
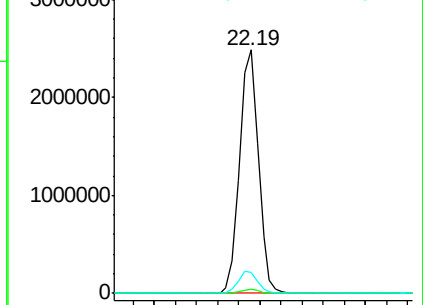
43 9.2 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.690 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

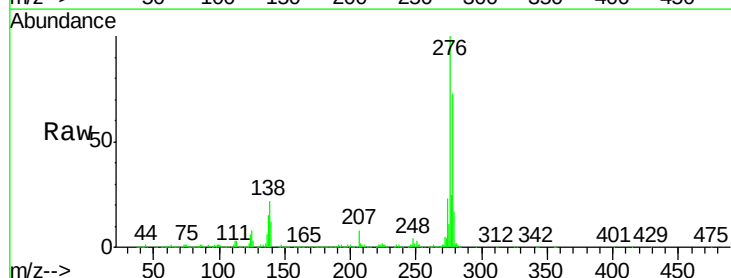
Tgt Ion:276 Resp: 4361310

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

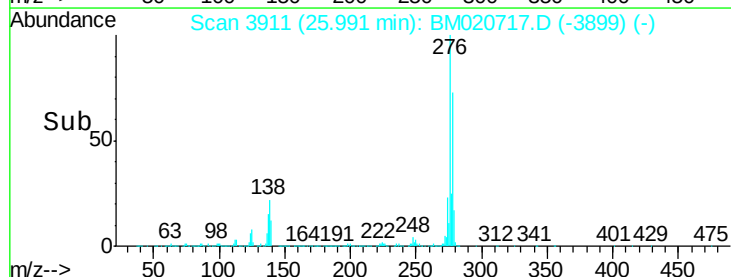
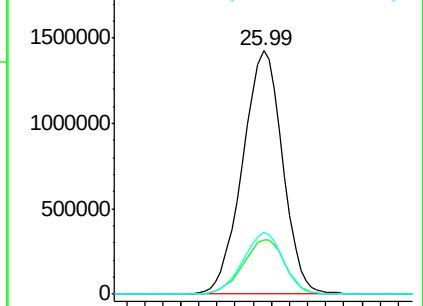
277 25.4 20.2 30.4

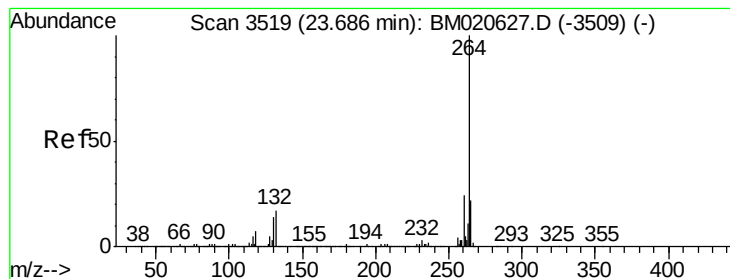


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

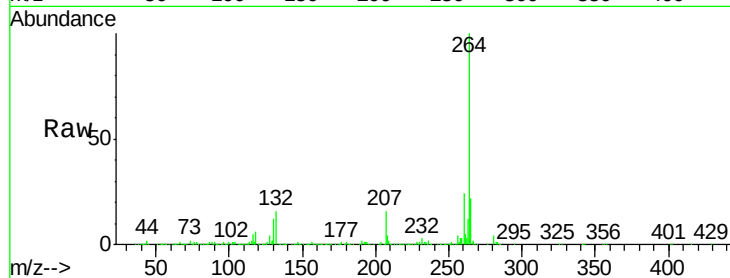
Tgt Ion:264 Resp: 1241705

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

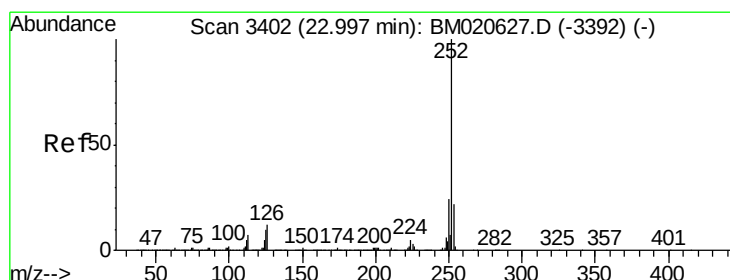
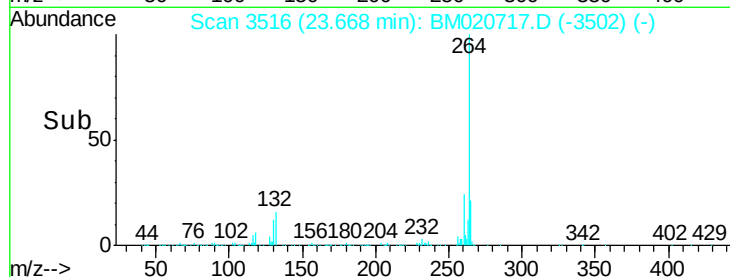
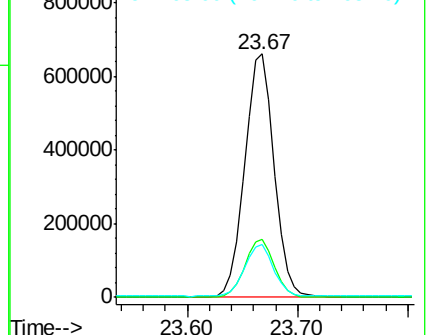
265 21.6 17.6 26.4



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: 40.819 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

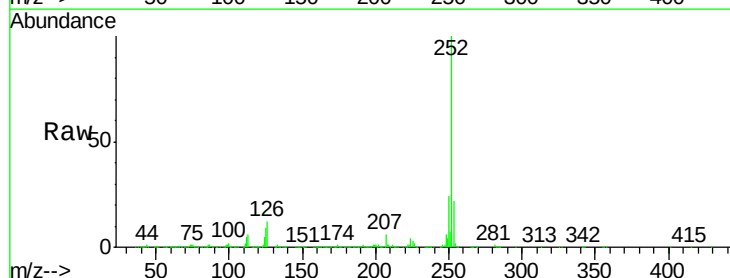
Tgt Ion:252 Resp: 3350035

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

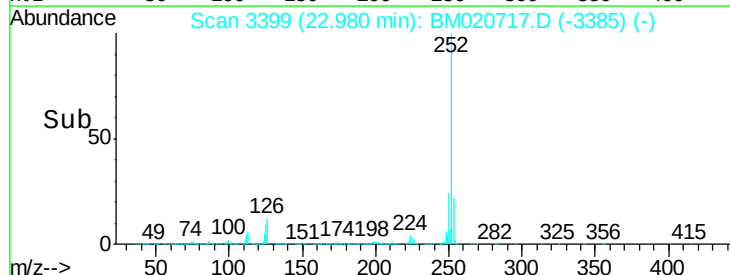
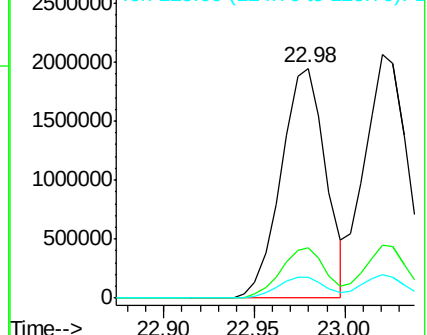
125 9.2 7.8 11.8

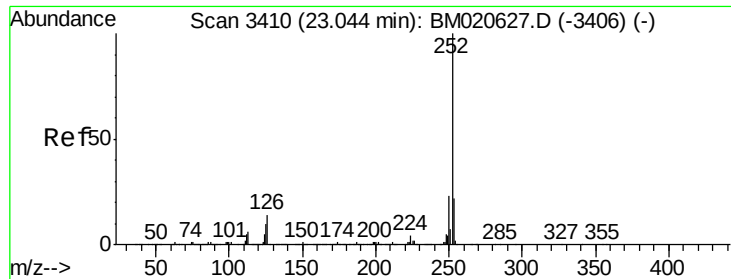


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.212 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

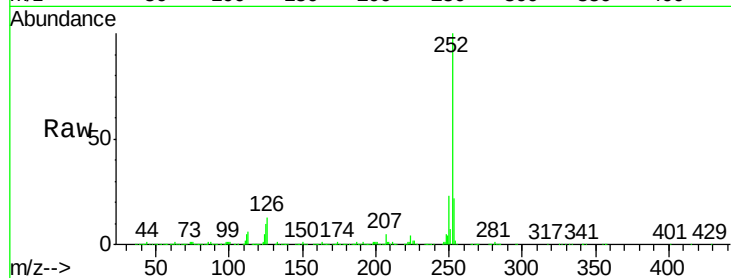
Tgt Ion:252 Resp: 3385498

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

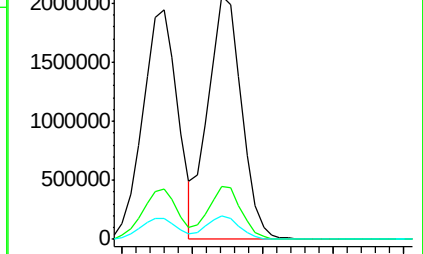
125 9.7 7.8 11.8



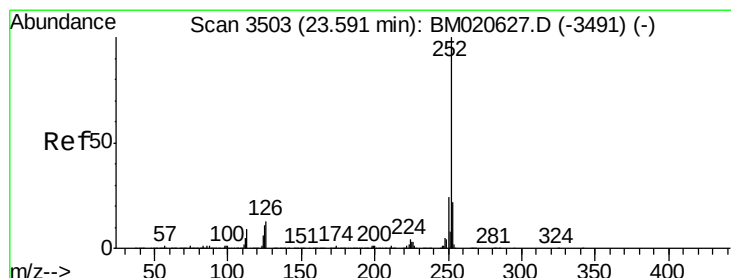
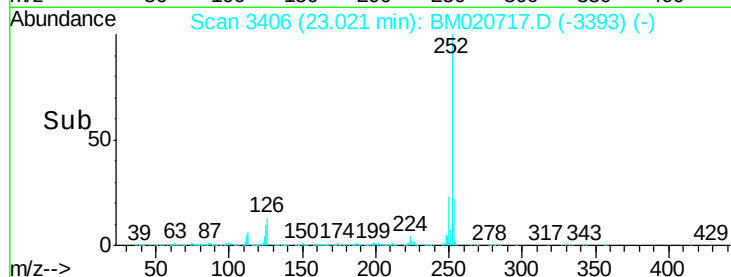
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.95 23.00 23.05 23.10



#90

Benzo(a)pyrene

Concen: 45.203 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

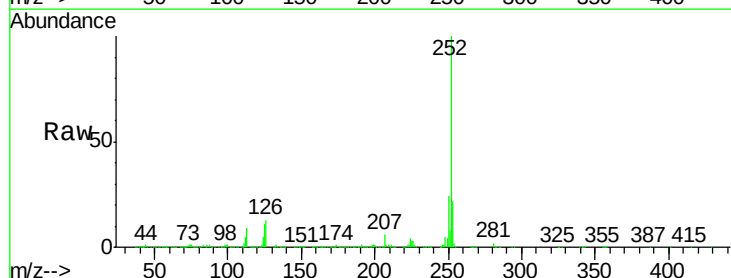
Tgt Ion:252 Resp: 3364955

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

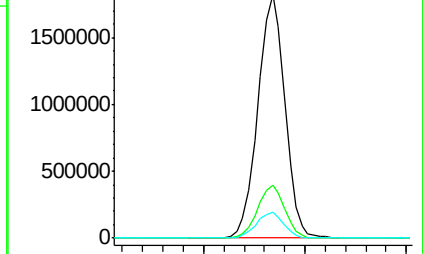
125 10.6 8.6 13.0



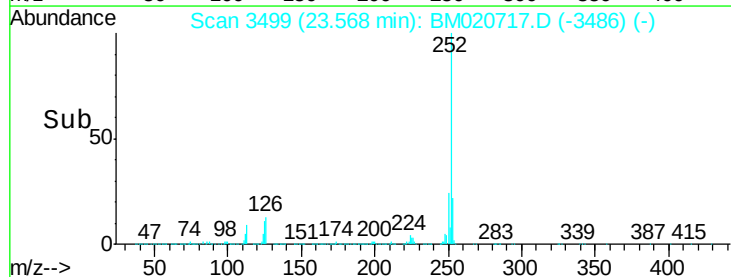
Abundance Ion 252.00 (251.70 to 252.70): E

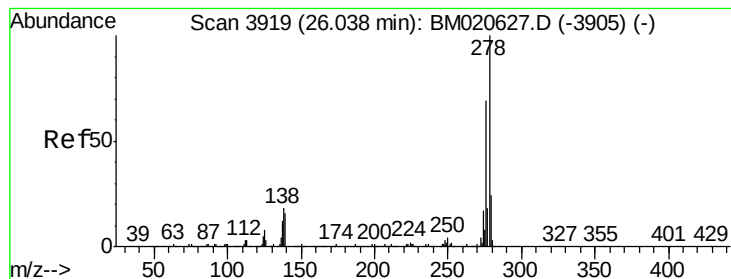
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 23.50 23.60





#91

Dibenzo(a,h)anthracene

Concen: 50.768 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

Instrument :

BNA_M

ClientSampleId :

PB120308BS

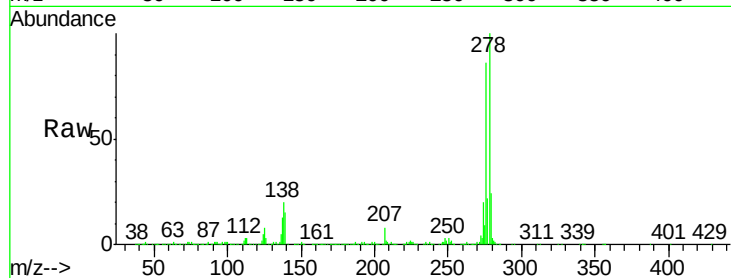
Tgt Ion:278 Resp: 3666469

Ion Ratio Lower Upper

278 100

139 14.9 12.6 18.8

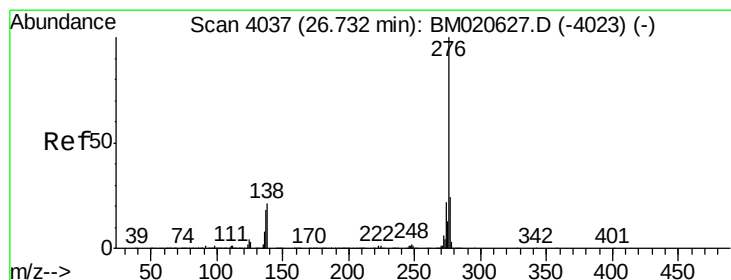
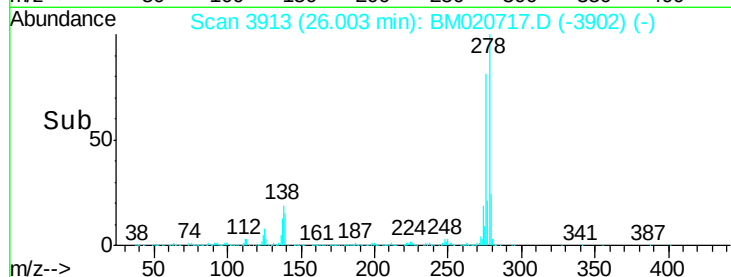
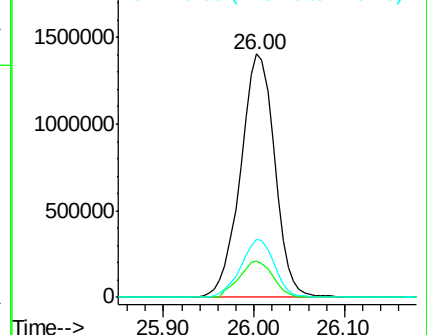
279 23.6 19.0 28.6



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: 52.567 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.03 min

Lab File: BM020717.D

Acq: 05 Jun 2019 01:29

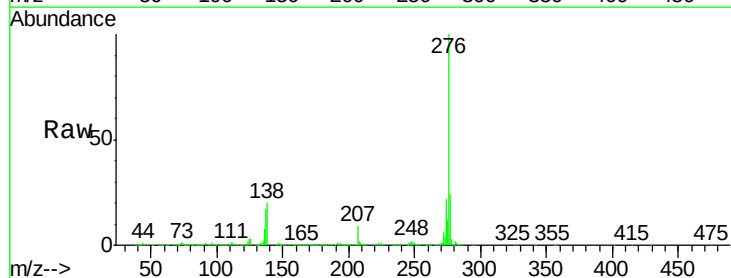
Tgt Ion:276 Resp: 3526269

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.1 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

