

Data File : BM020662.D
Acq On : 03 Jun 2019 08:45
Operator : HP/JU
Sample : SSTDC0040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 04 04:07:24 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	7.83	152	250277	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1066853	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	559816	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1144707	20.00	ng	0.00
76) Chrysene-d12	21.39	240	999544	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1129590	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1185809	83.34	ng	0.00
7) Phenol-d6	6.99	99	1643840	78.47	ng	0.00
23) Nitrobenzene-d5	8.99	82	1700567	82.59	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	556835	80.28	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3558876	84.52	ng	0.00
79) Terphenyl-d14	19.83	244	4616362	77.25	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	247749	42.531	ng	98
3) Pyridine	3.74	79	782811	42.237	ng	99
4) n-Nitrosodimethylamine	3.66	42	310627	38.880	ng	95
6) Aniline	7.16	93	1170094	38.600	ng	99
8) 2-Chlorophenol	7.39	128	704359	39.794	ng	99
9) Benzaldehyde	6.97	77	482815	39.415	ng	99
10) Phenol	7.02	94	884222	39.165	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	702895	39.066	ng	99
12) 1,3-Dichlorobenzene	7.72	146	828012	40.704	ng	99
13) 1,4-Dichlorobenzene	7.86	146	834965	40.375	ng	100
14) 1,2-Dichlorobenzene	8.18	146	799279	39.715	ng	99
15) Benzyl Alcohol	8.07	79	679383	36.657	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1011953	36.429	ng	99
17) 2-Methylphenol	8.26	107	599941	37.790	ng	98
18) Hexachloroethane	8.90	117	310089	39.164	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	591348	35.115	ng	98
20) 3+4-Methylphenols	8.59	107	803112	37.181	ng	99
22) Acetophenone	8.65	105	1084420	40.013	ng	# 98
24) Nitrobenzene	9.03	77	865694	41.183	ng	98
25) Isophorone	9.55	82	1531293	37.386	ng	99
26) 2-Nitrophenol	9.74	139	345855	44.146	ng	98
27) 2,4-Dimethylphenol	9.79	122	585308	39.871	ng	98
28) bis(2-Chloroethoxy)methane	10.04	93	956908	38.639	ng	99
29) 2,4-Dichlorophenol	10.26	162	650808	40.070	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	764434	40.932	ng	100
31) Naphthalene	10.67	128	2215690	40.387	ng	99
32) Benzoic acid	9.92	122	361590	40.081	ng	97
33) 4-Chloroaniline	10.78	127	991809	38.846	ng	98
34) Hexachlorobutadiene	10.95	225	452509	40.382	ng	98
35) Caprolactam	11.57	113	212085	37.588	ng	99
36) 4-Chloro-3-methylphenol	11.90	107	698847	37.008	ng	99
37) 2-Methylnaphthalene	12.28	142	1561234	38.393	ng	99
38) 1-Methylnaphthalene	12.50	142	1471599	38.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	775196	42.255	ng	99

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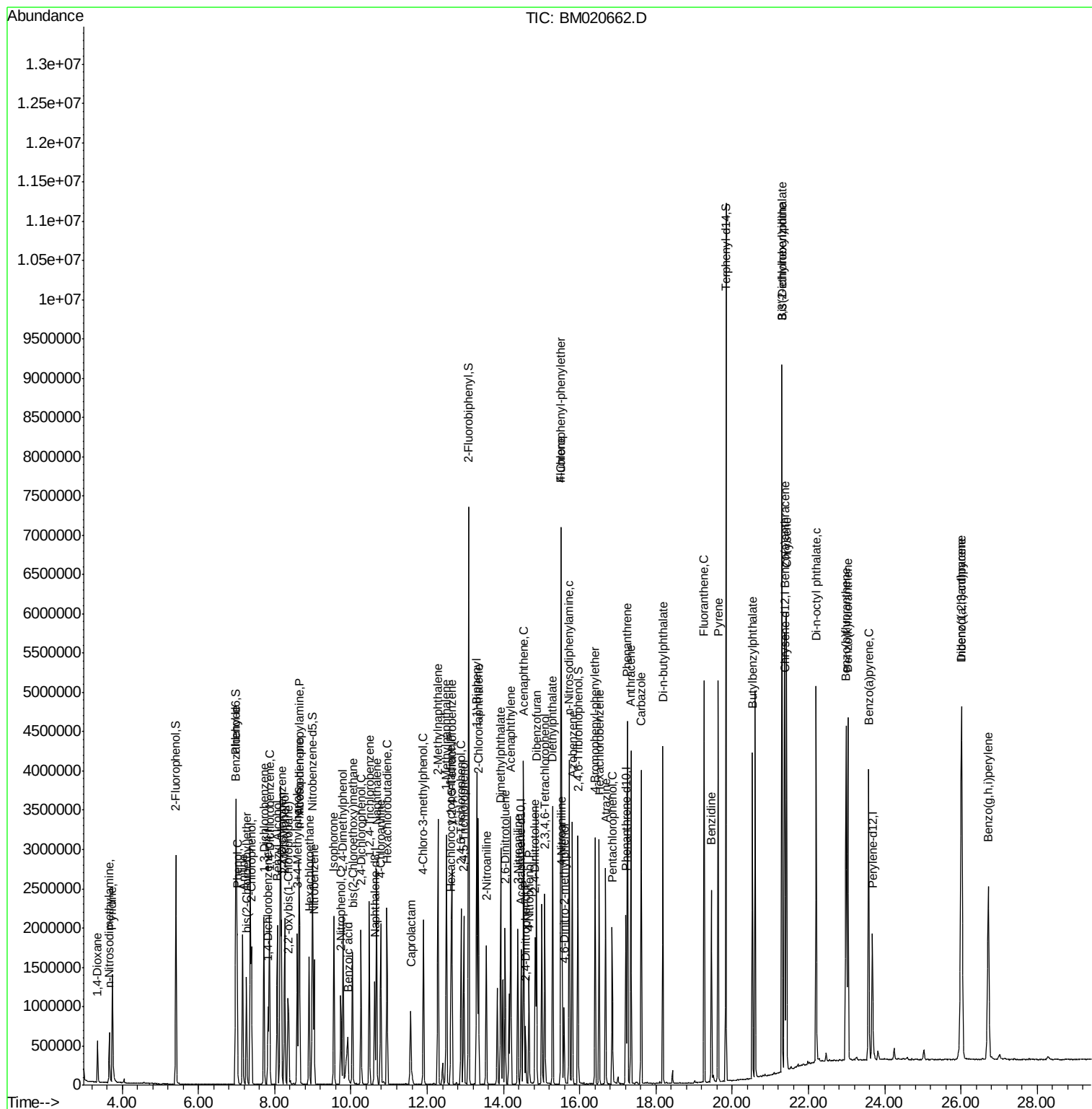
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	381556	34.775	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	502739	42.573	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	525432	43.099	ng	96
46) 1,1'-Biphenyl	13.30	154	1967794	42.088	ng	99
47) 2-Chloronaphthalene	13.34	162	1588224	42.089	ng	99
48) 2-Nitroaniline	13.55	65	497174	41.978	ng	91
49) Acenaphthylene	14.19	152	2411977	40.966	ng	100
50) Dimethylphthalate	13.93	163	1893875	39.598	ng	100
51) 2,6-Dinitrotoluene	14.05	165	396083	40.785	ng	96
52) Acenaphthene	14.53	154	1430560	40.772	ng	99
53) 3-Nitroaniline	14.37	138	445368	41.087	ng	96
54) 2,4-Dinitrophenol	14.58	184	142150	38.196	ng	94
55) Dibenzofuran	14.86	168	2187804	40.147	ng	100
56) 4-Nitrophenol	14.67	139	320663	40.144	ng	95
57) 2,4-Dinitrotoluene	14.83	165	525750	40.432	ng	96
58) Fluorene	15.52	166	1774449	39.595	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	430883	40.560	ng	99
60) Diethylphthalate	15.29	149	1878802	38.088	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	917229	38.656	ng	98
62) 4-Nitroaniline	15.54	138	463152	40.288	ng	95
63) Azobenzene	15.80	77	1796991	37.999	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	192621	39.002	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1508148	41.156	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	542650	40.263	ng	98
68) Hexachlorobenzene	16.51	284	636810	40.463	ng	98
69) Atrazine	16.67	200	463851	42.412	ng	98
70) Pentachlorophenol	16.85	266	323506	43.088	ng	100
71) Phenanthrene	17.25	178	2647514	40.803	ng	99
72) Anthracene	17.34	178	2619258	40.332	ng	100
73) Carbazole	17.62	167	2391789	40.585	ng	100
74) Di-n-butylphthalate	18.18	149	2991270	39.100	ng	100
75) Fluoranthene	19.26	202	2880521	39.920	ng	99
77) Benzidine	19.46	184	1298098	42.860	ng	100
78) Pyrene	19.63	202	2930060	38.200	ng	100
80) Butylbenzylphthalate	20.53	149	1256014	38.748	ng	96
81) Benzo(a)anthracene	21.37	228	2798849	40.209	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1079811	42.363	ng	99
83) Chrysene	21.42	228	2684370	40.570	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1814443	38.514	ng	100
85) Di-n-octyl phthalate	22.20	149	3033704	40.560	ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	3400867	50.241	ng	100
88) Benzo(b)fluoranthene	22.99	252	2888490	38.689	ng	100
89) Benzo(k)fluoranthene	23.03	252	2768614	37.947	ng	100
90) Benzo(a)pyrene	23.58	252	2681113	39.591	ng	100
91) Dibenzo(a,h)anthracene	26.02	278	2827066	43.030	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2669736	43.748	ng	99

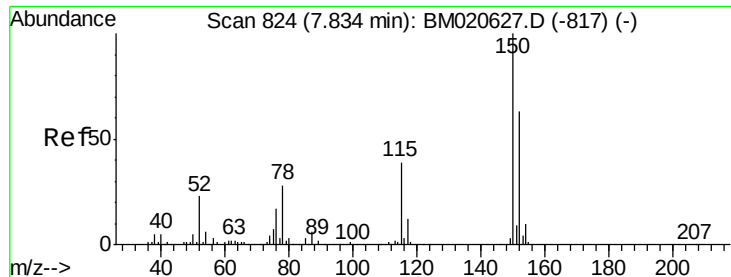
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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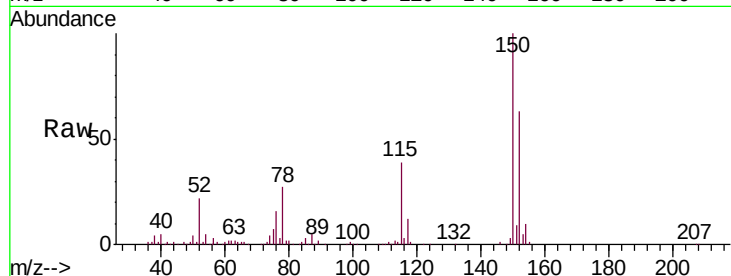


#1

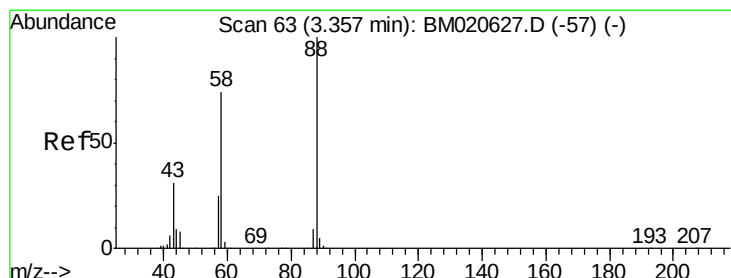
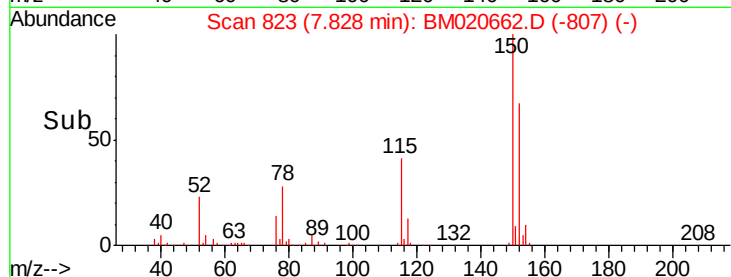
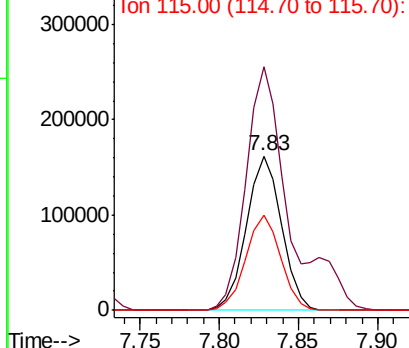
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 250277
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 61.8 49.6 74.4



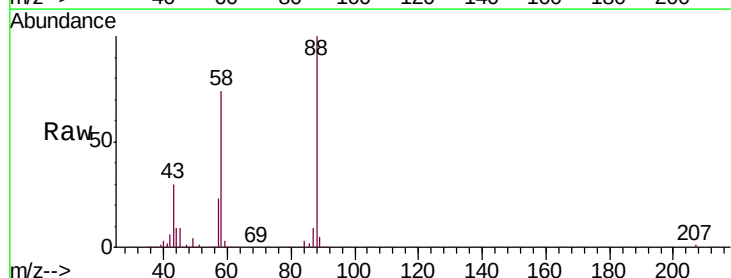
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



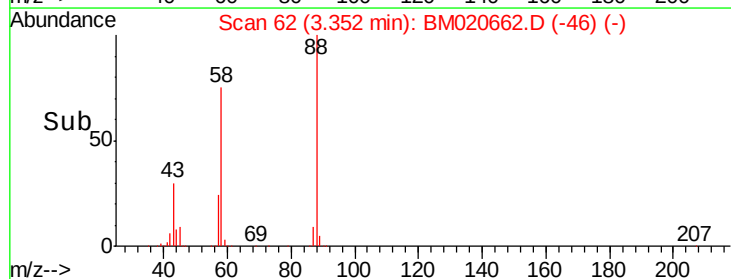
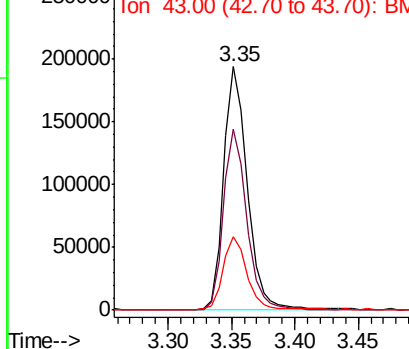
#2

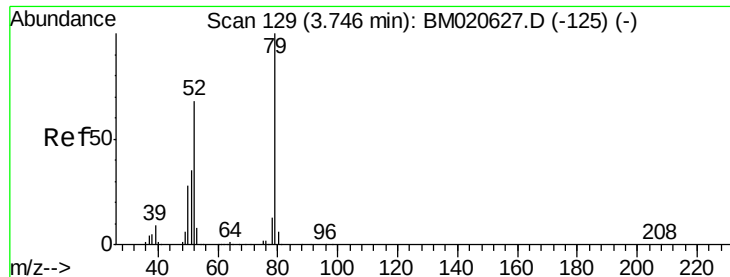
1,4-Dioxane
Concen: 42.531 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion: 88 Resp: 247749
Ion Ratio Lower Upper
88 100
58 74.2 60.2 90.4
43 30.4 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: 42.237 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

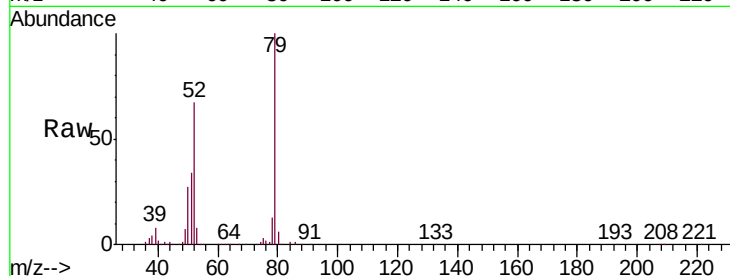
Tgt Ion: 79 Resp: 782811

Ion Ratio Lower Upper

79 100

52 67.3 54.1 81.1

51 34.4 28.6 42.8

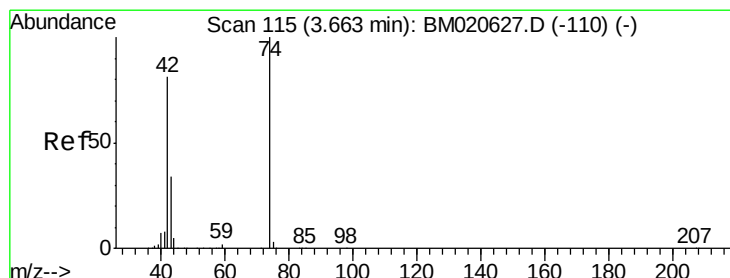
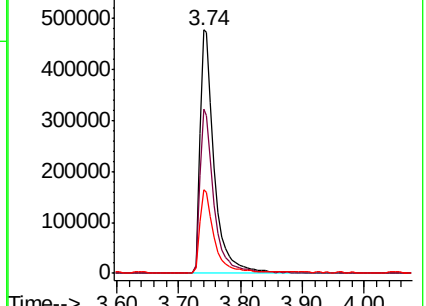
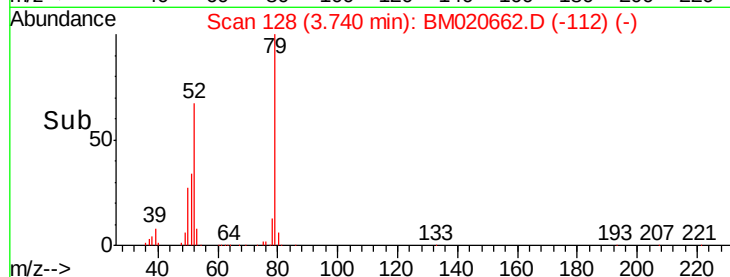


Abundance Ion 79.00 (78.70 to 79.70): BM020662.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020662.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020662.D (-125) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.880 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

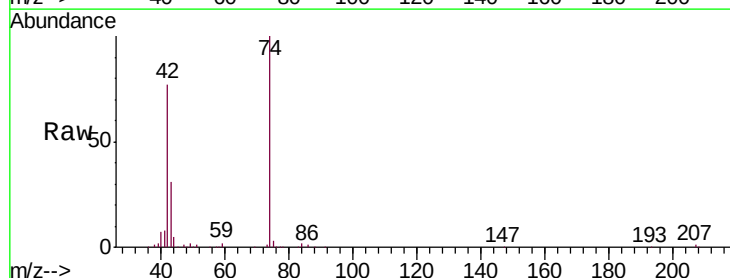
Tgt Ion: 42 Resp: 310627

Ion Ratio Lower Upper

42 100

74 130.5 99.4 149.0

44 6.7 5.8 8.8

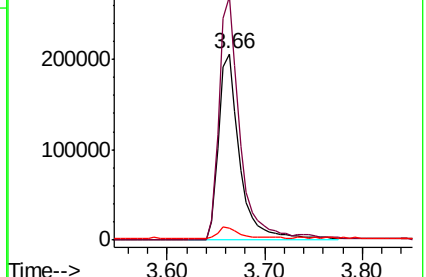
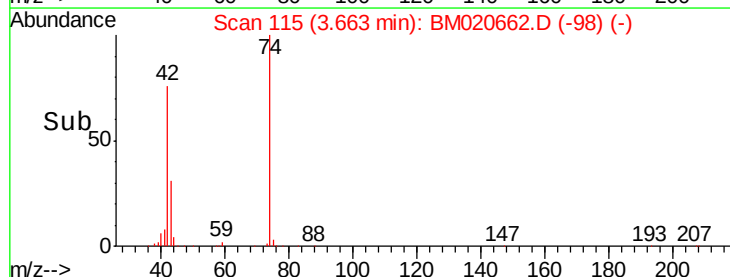


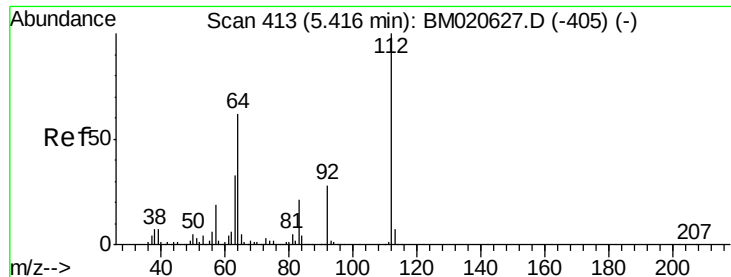
Abundance Ion 42.00 (41.70 to 42.70): BM020662.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020662.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020662.D (-110) (-)

Time-->





#5

2-Fluorophenol

Concen: 83.344 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

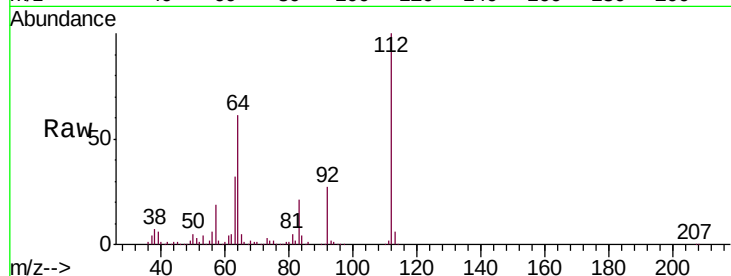
Tgt Ion:112 Resp: 1185809

Ion Ratio Lower Upper

112 100

64 61.5 49.7 74.5

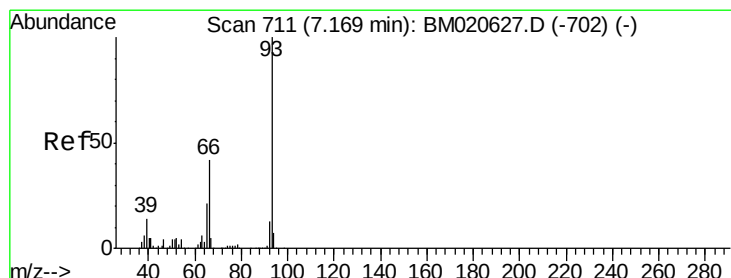
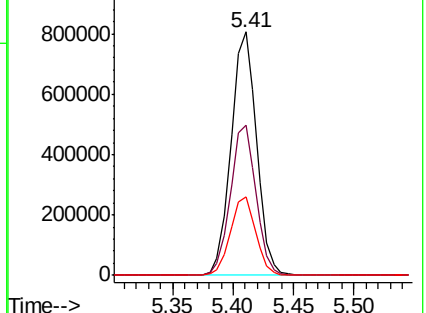
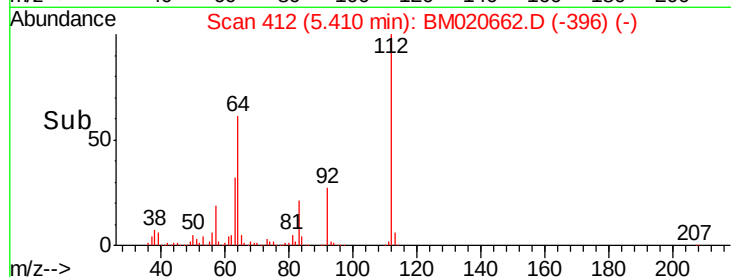
63 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.600 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

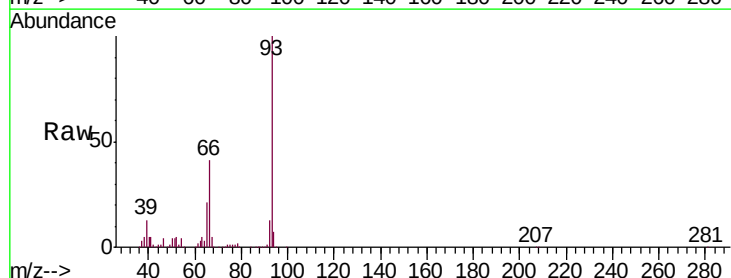
Tgt Ion: 93 Resp: 1170094

Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

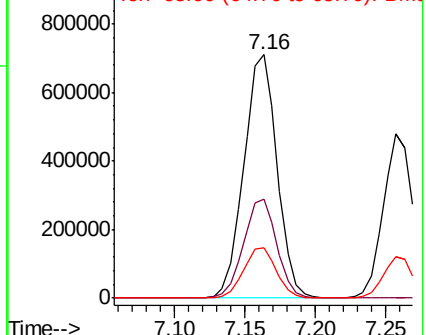
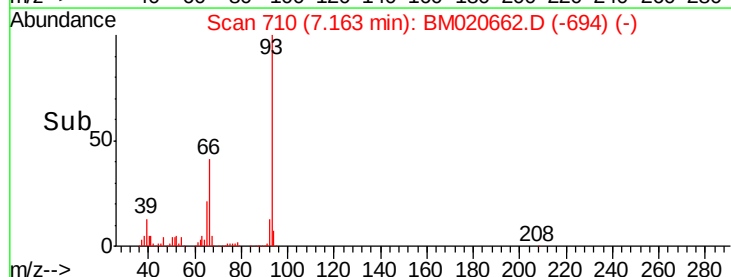
65 20.6 16.7 25.1

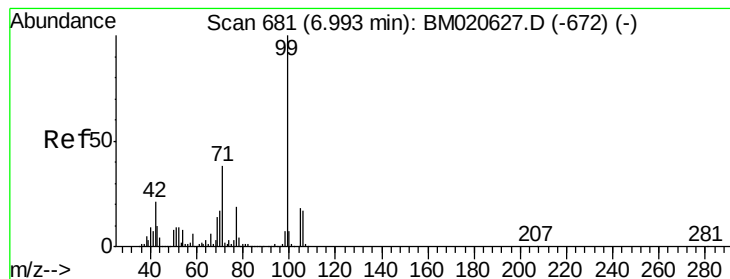


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.465 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020662.D

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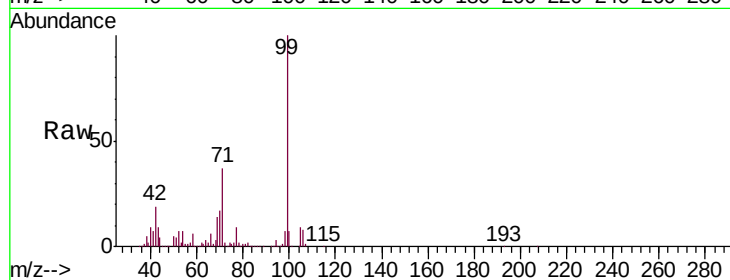
Tgt Ion: 99 Resp: 1643840

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

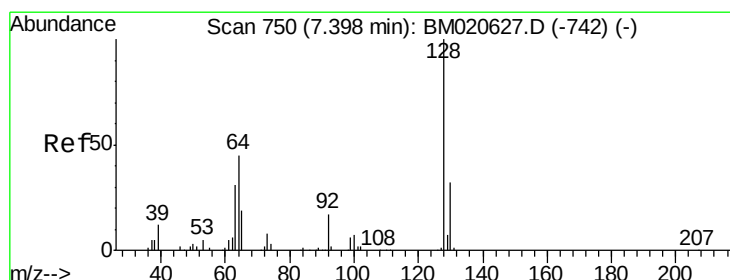
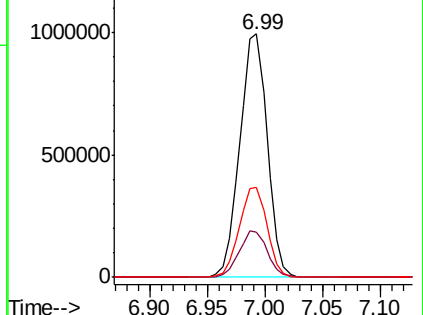
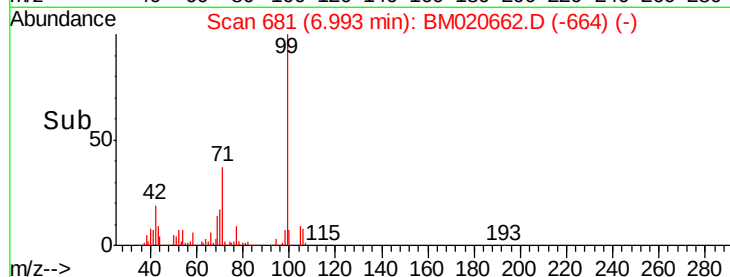
71 36.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020662.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020662.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020662.D (-664) (-)



#8

2-Chlorophenol

Concen: 39.794 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

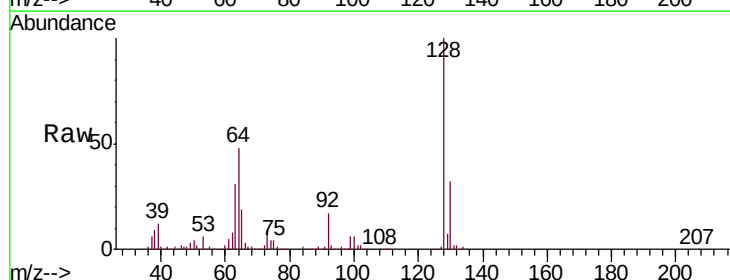
Tgt Ion: 128 Resp: 704359

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

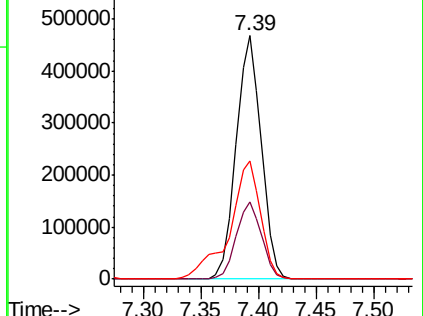
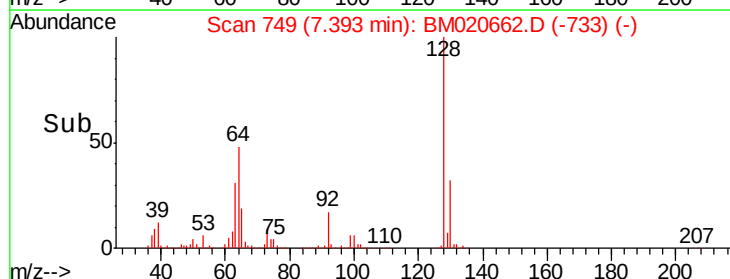
64 48.5 29.1 69.1

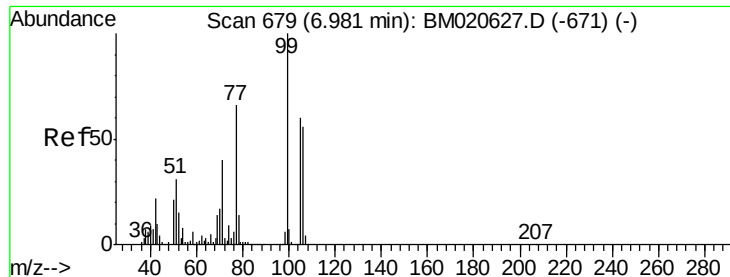


Abundance Ion 128.00 (127.70 to 128.70): BM020662.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020662.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020662.D (-733) (-)





#9

Benzaldehyde

Concen: 39.415 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

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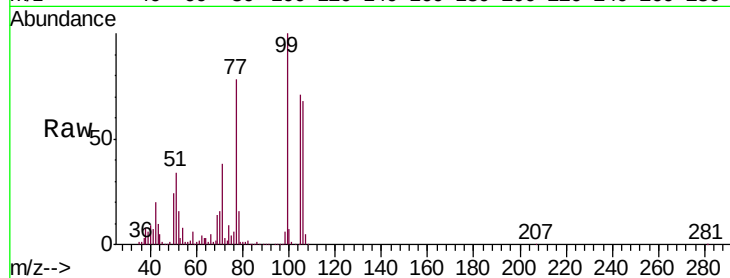
Tgt Ion: 77 Resp: 482815

Ion Ratio Lower Upper

77 100

105 90.7 70.6 110.6

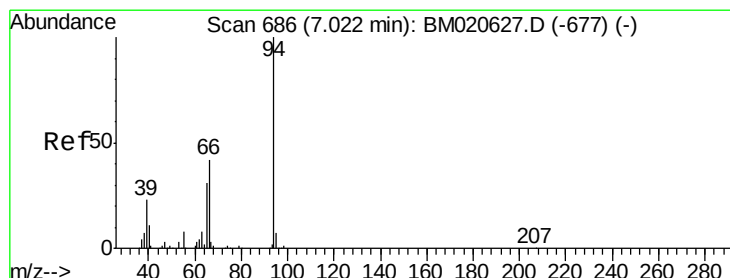
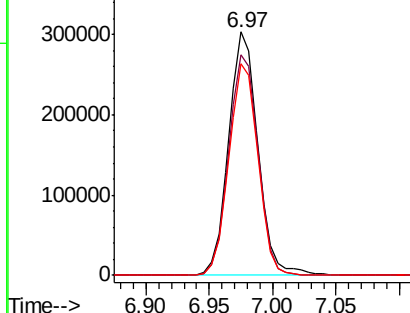
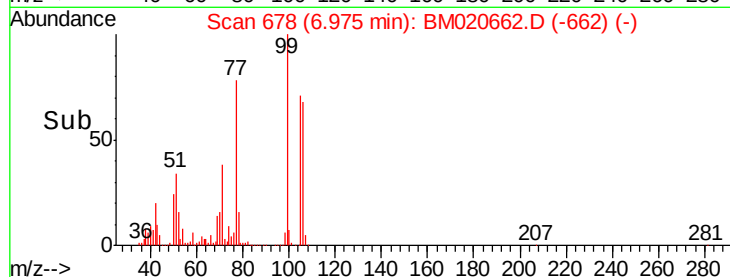
106 86.7 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020662.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020662.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020662.D (-662) (-)



#10

Phenol

Concen: 39.165 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

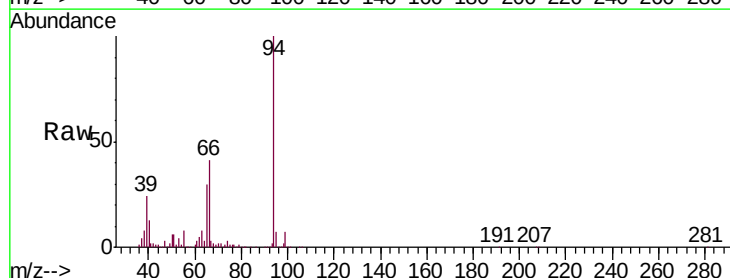
Tgt Ion: 94 Resp: 884222

Ion Ratio Lower Upper

94 100

65 29.8 10.7 50.7

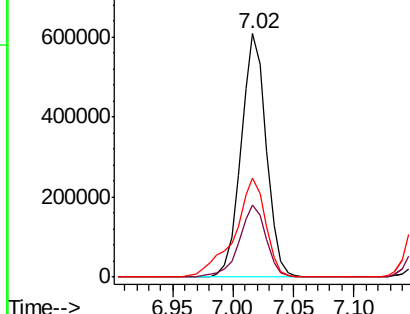
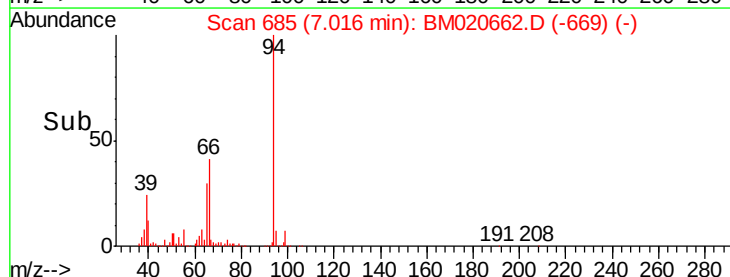
66 40.8 22.3 62.3

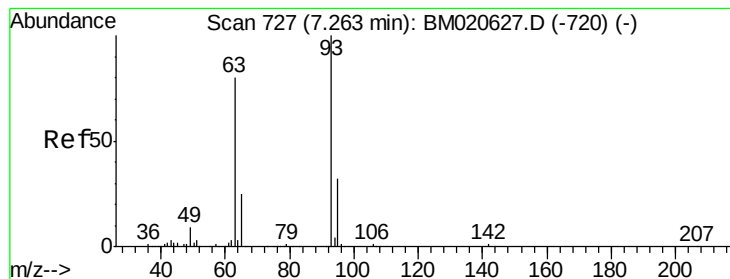


Abundance Ion 94.00 (93.70 to 94.70): BM020662.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020662.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020662.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.066 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

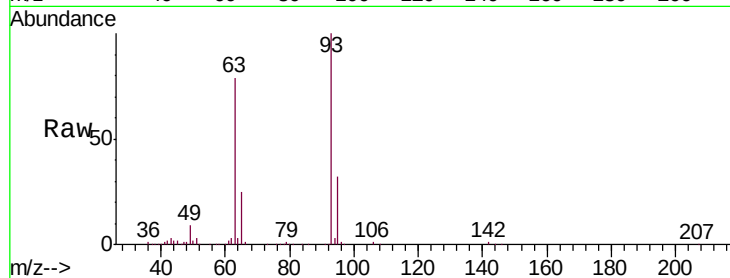
Tgt Ion: 93 Resp: 702895

Ion Ratio Lower Upper

93 100

63 79.2 60.0 100.0

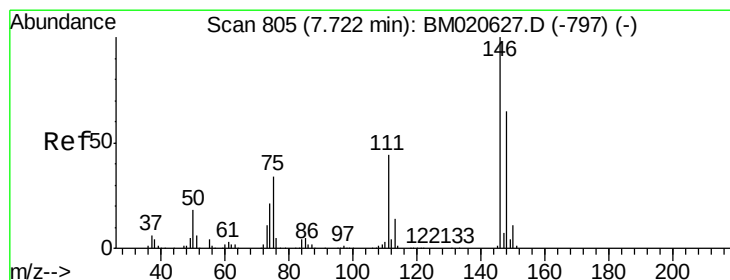
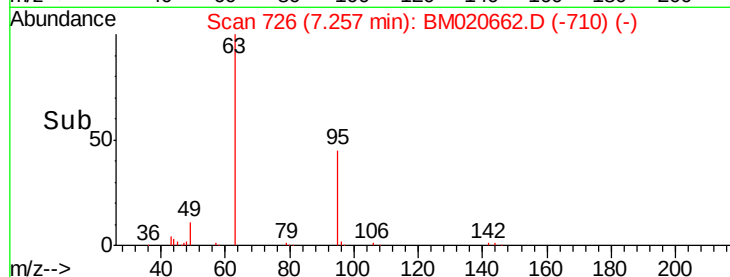
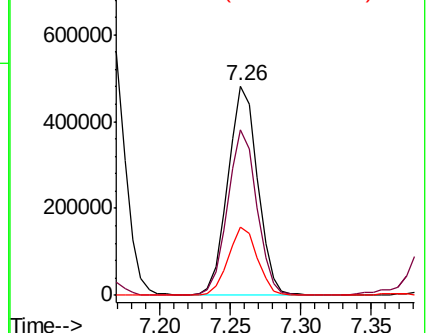
95 32.5 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BM020627.D (-720) (-)

Ion 63.00 (62.70 to 63.70): BM020627.D (-720) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-720) (-)



#12

1,3-Dichlorobenzene

Concen: 40.704 ng

RT: 7.72 min Scan# 804

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

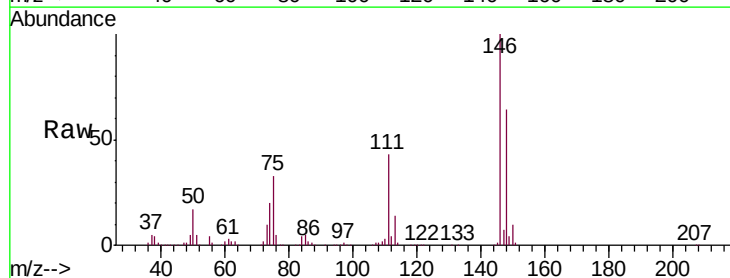
Tgt Ion: 146 Resp: 828012

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

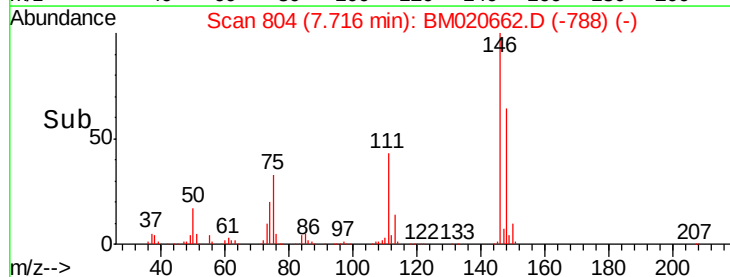
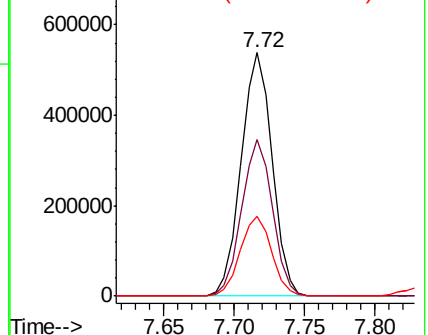
75 32.9 27.0 40.4

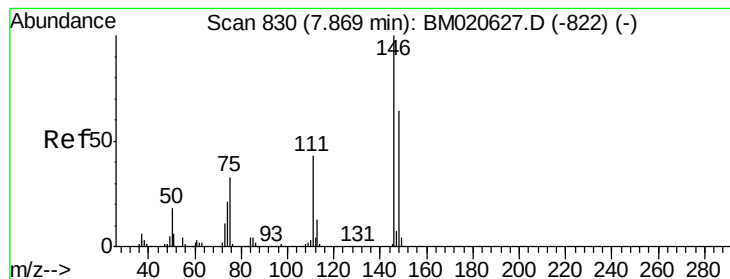


Abundance Ion 146.00 (145.70 to 146.70): BM020627.D (-797) (-)

Ion 148.00 (147.70 to 148.70): BM020627.D (-797) (-)

Ion 75.00 (74.70 to 75.70): BM020627.D (-797) (-)





#13

1,4-Dichlorobenzene

Concen: 40.375 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

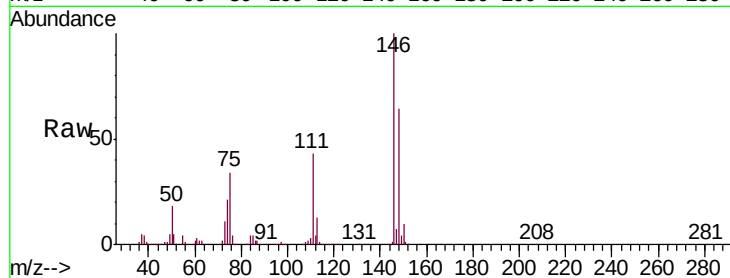
Tgt Ion:146 Resp: 834965

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

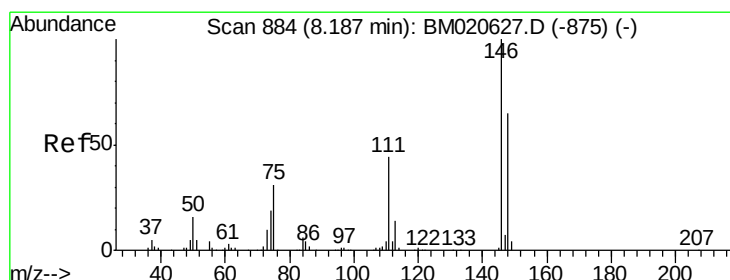
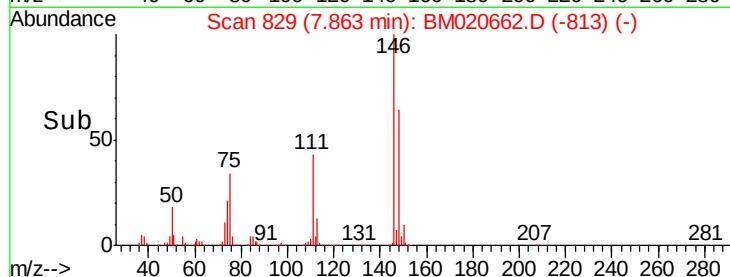
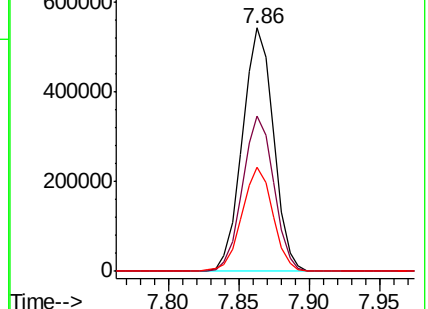
111 42.6 34.4 51.6



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: 39.715 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

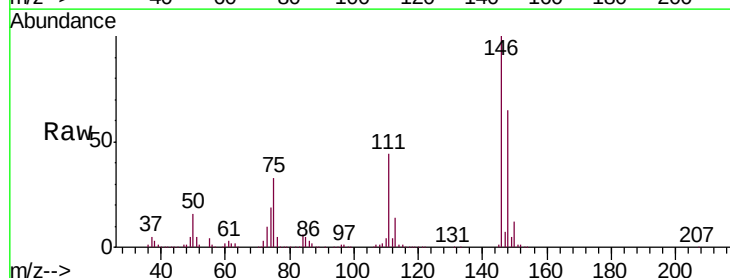
Tgt Ion:146 Resp: 799279

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

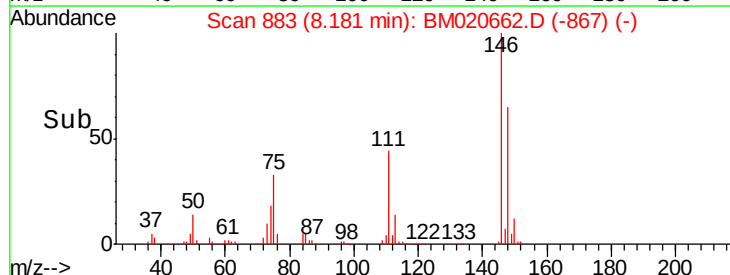
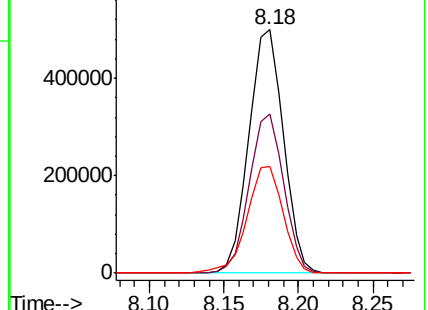
111 43.6 35.1 52.7

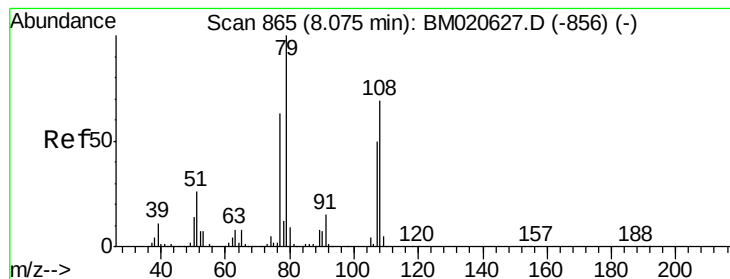


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.657 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

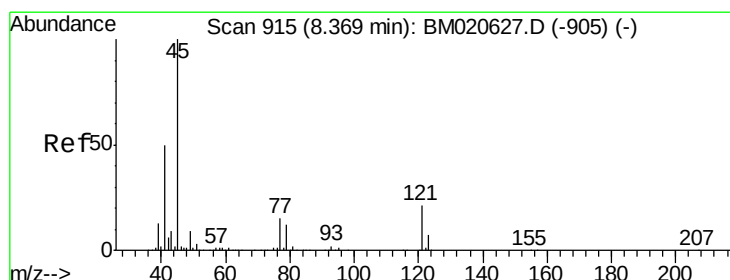
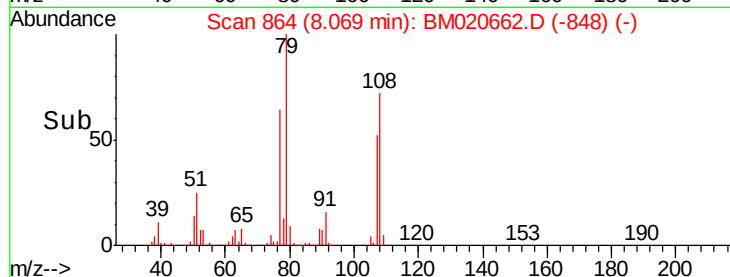
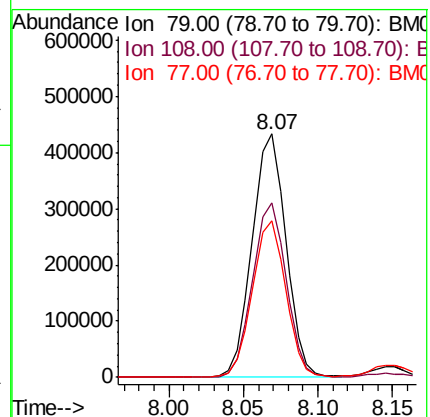
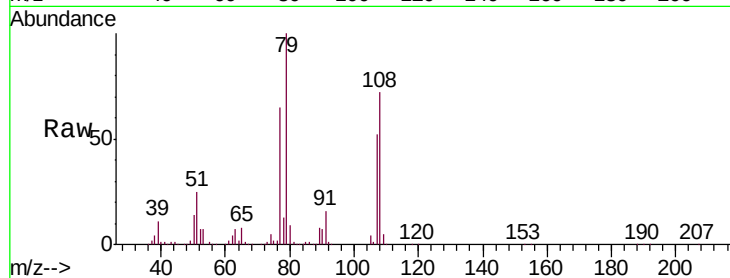
Tgt Ion: 79 Resp: 679383

Ion Ratio Lower Upper

79 100

108 71.8 54.9 82.3

77 64.5 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.429 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

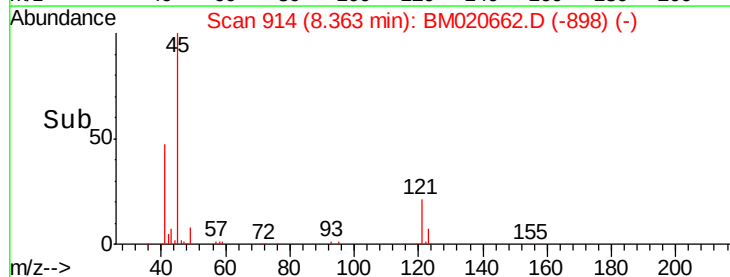
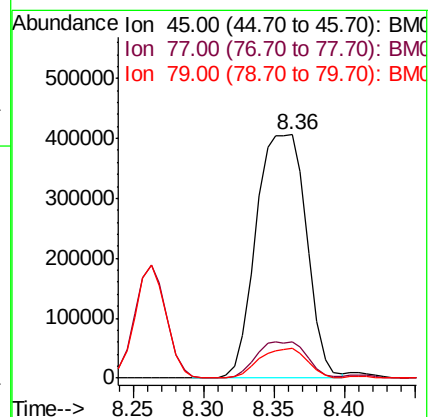
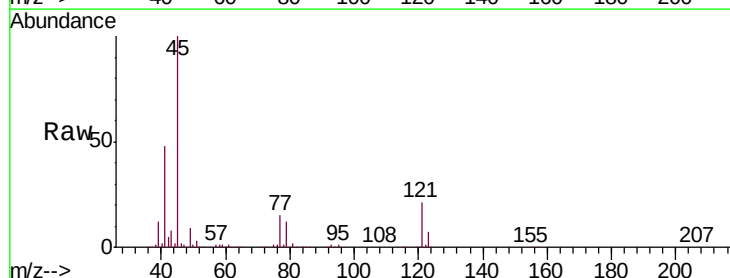
Tgt Ion: 45 Resp: 1011953

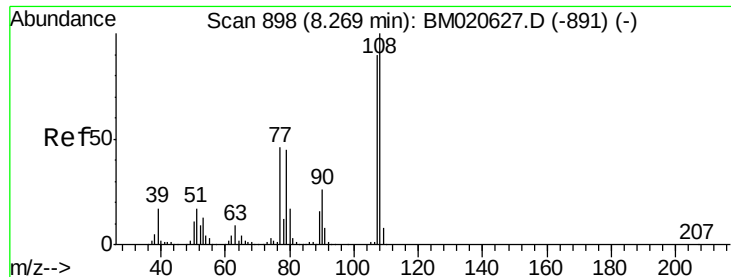
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.9

79 12.3 0.0 31.8

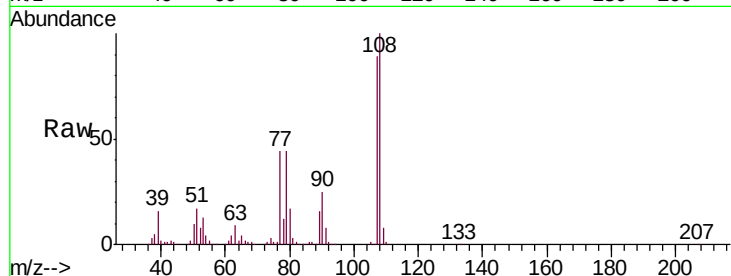




#17
2-Methylphenol
Concen: 37.790 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.6	133.0
77	49.1	40.6	61.0
79	49.0	39.9	59.9



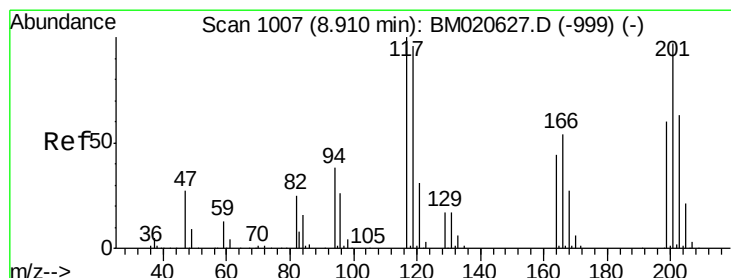
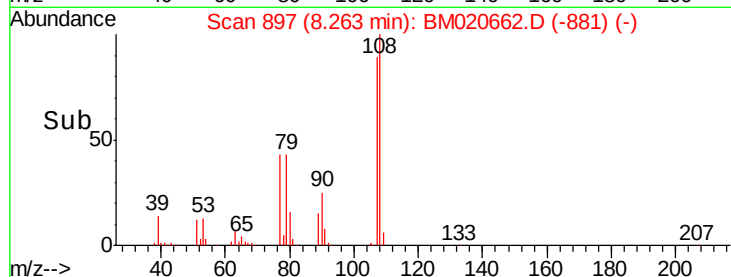
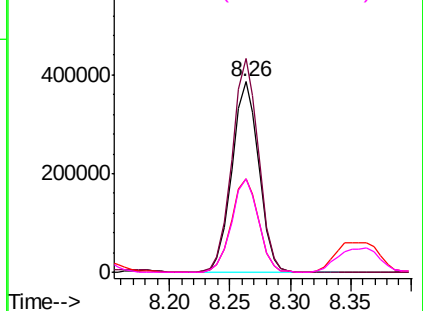
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

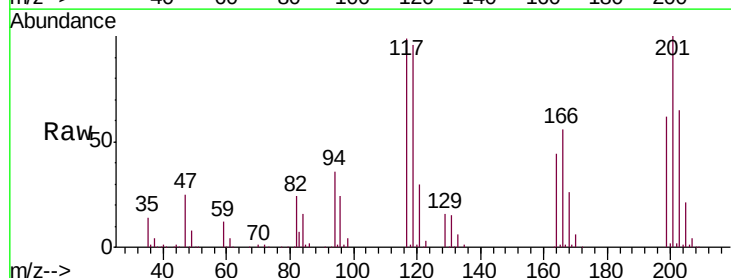
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 39.164 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	100.9	77.9	116.9

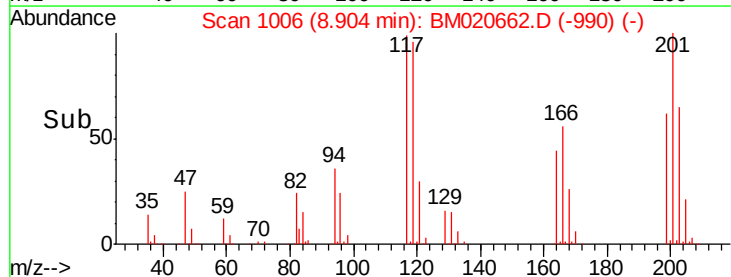
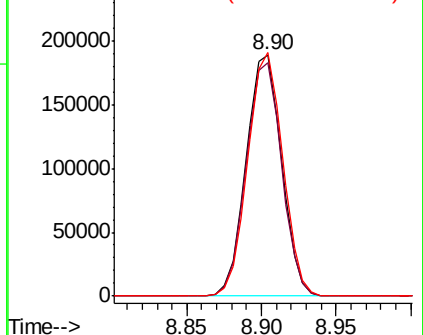


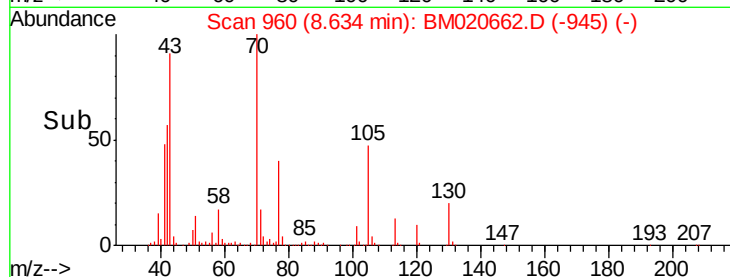
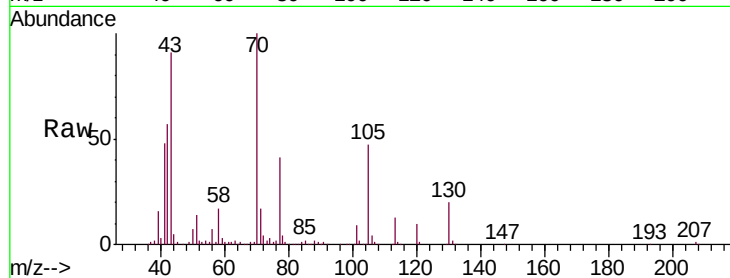
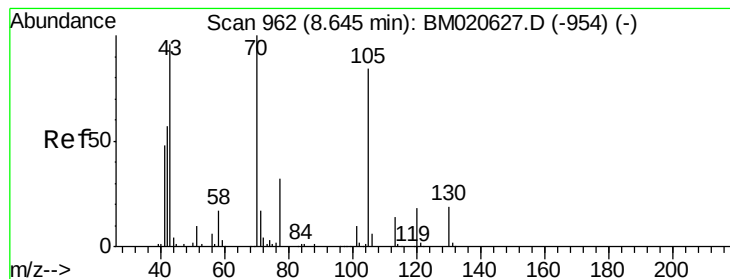
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.115 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 70 Resp: 591348

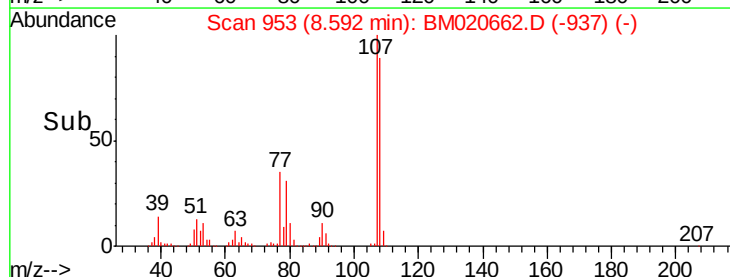
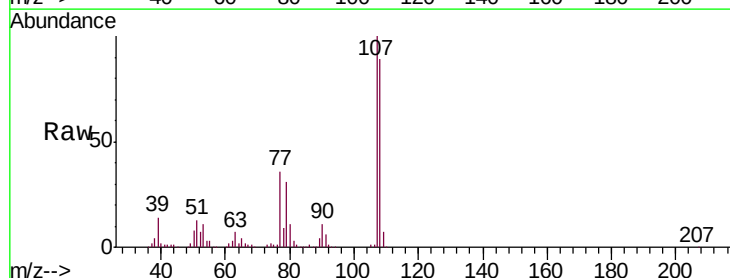
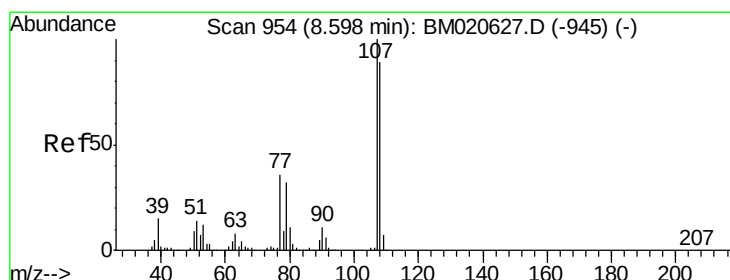
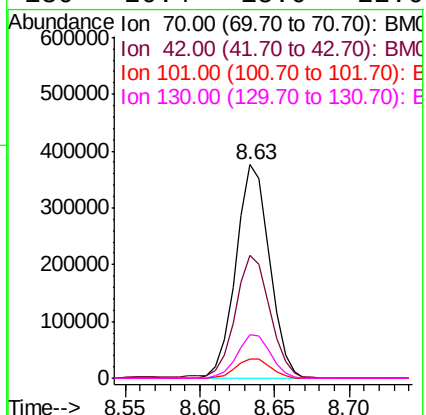
Ion Ratio Lower Upper

70 100

42 57.3 46.8 70.2

101 9.0 7.8 11.6

130 20.4 15.0 22.6



#20

3+4-Methylphenols

Concen: 37.181 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Tgt Ion: 107 Resp: 803112

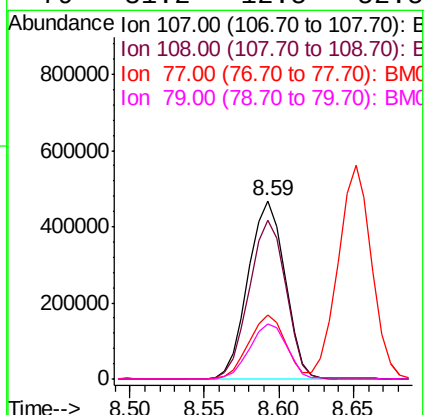
Ion Ratio Lower Upper

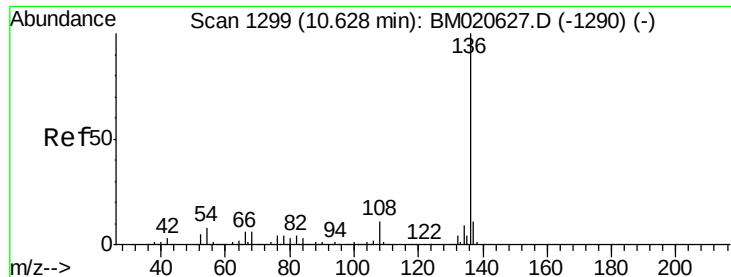
107 100

108 88.7 69.2 109.2

77 35.6 16.2 56.2

79 31.2 12.5 52.5

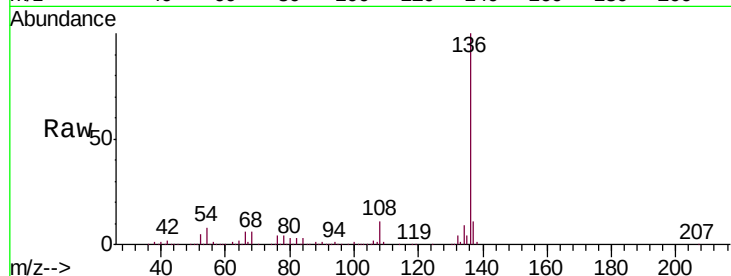




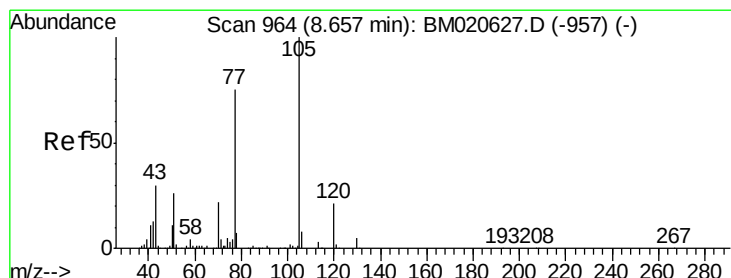
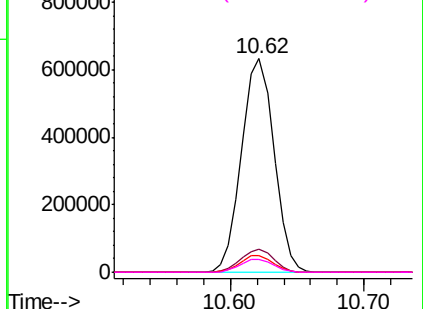
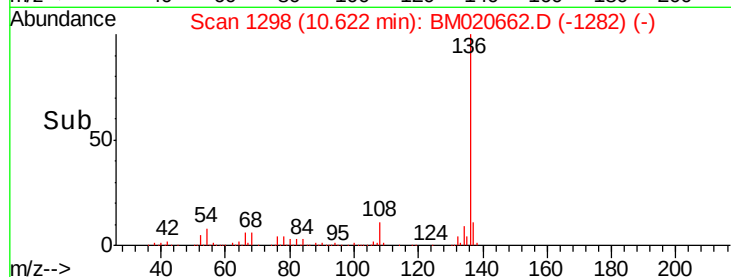
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampled :

Tgt Ion:136 Resp: 1066853
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.9 6.6 10.0
68 6.1 5.1 7.7

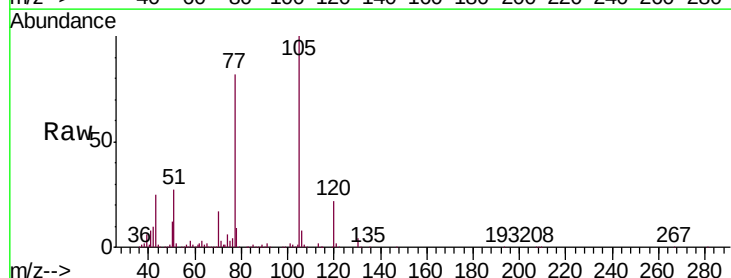


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

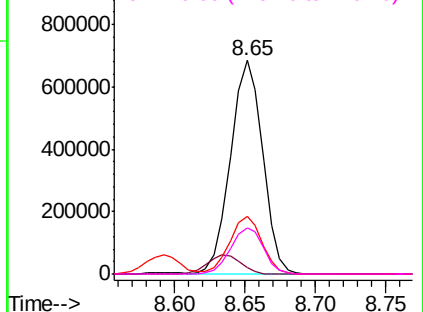
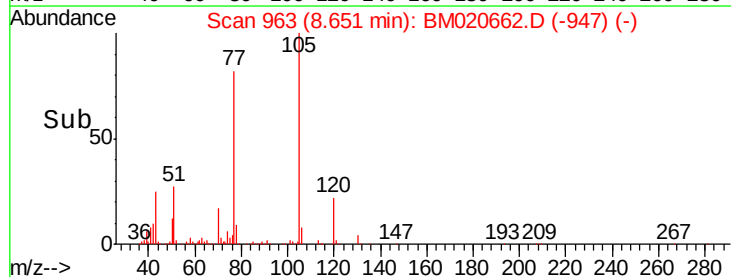


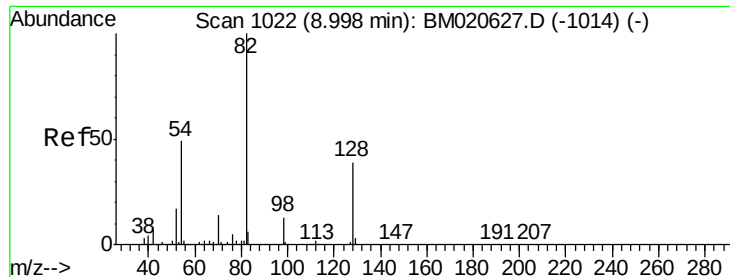
#22
Acetophenone
Concen: 40.013 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:105 Resp: 1084420
Ion Ratio Lower Upper
105 100
71 2.9 3.2 4.8#
51 26.9 22.8 34.2
120 21.7 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

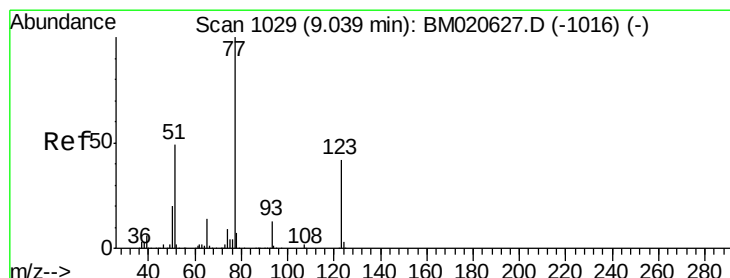
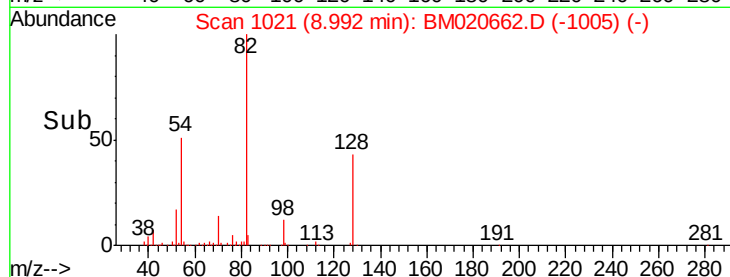
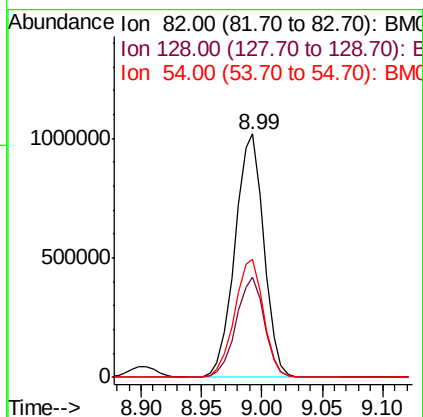
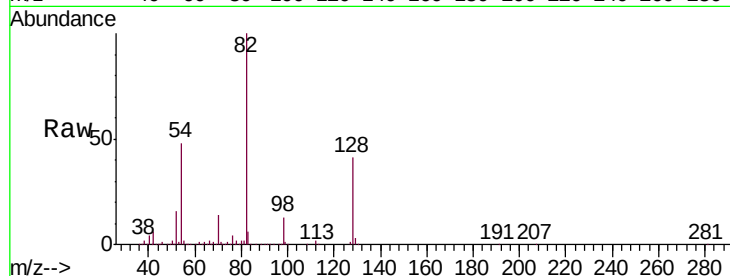




#23
 Nitrobenzene-d5
 Concen: 82.588 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

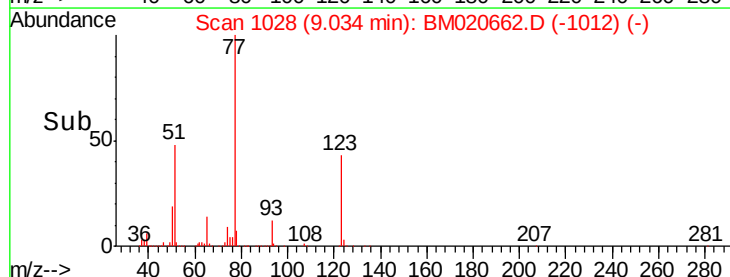
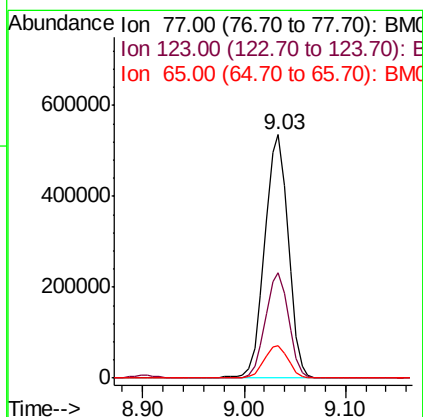
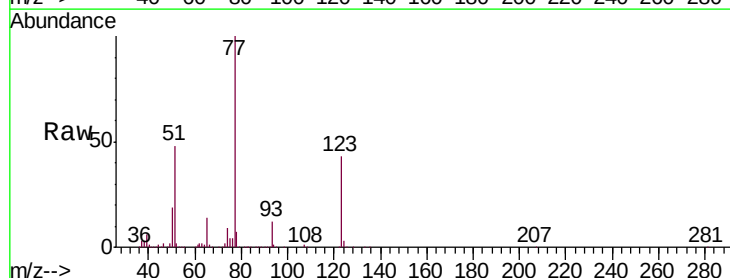
Instrument :
 BNA_M
 ClientSampleID :

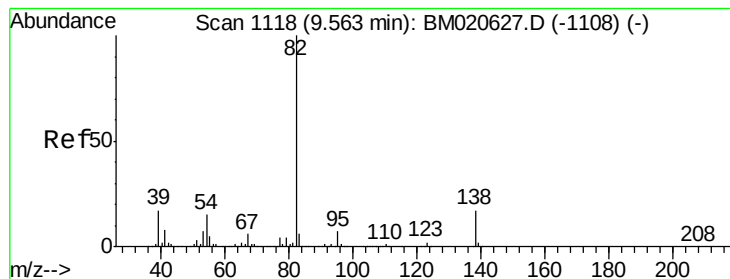
Tgt Ion: 82 Resp: 1700567
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.5 47.3
 54 48.3 39.4 59.0



#24
 Nitrobenzene
 Concen: 41.183 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion: 77 Resp: 865694
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.7 50.5
 65 13.6 11.0 16.6





#25

Isophorone

Concen: 37.386 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

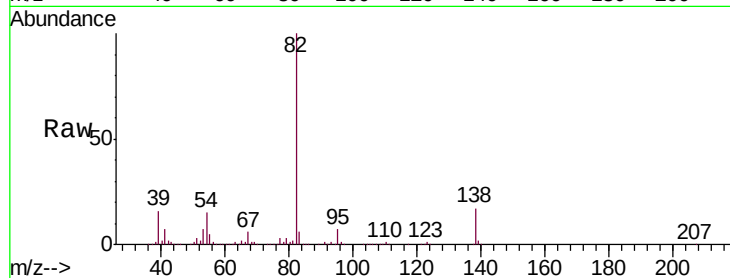
Tgt Ion: 82 Resp: 1531293

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

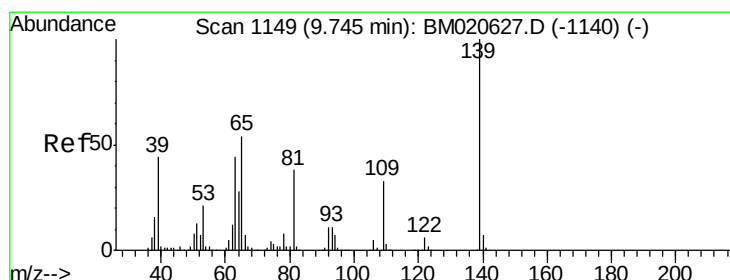
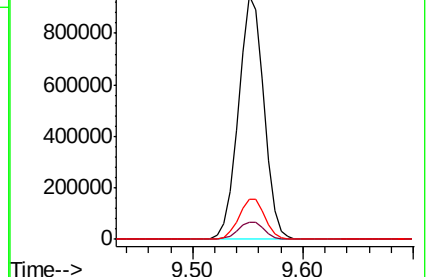
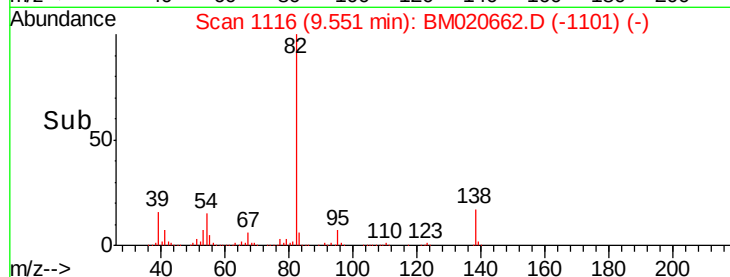
138 16.7 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020662.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020662.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020662.D (-1116) (-)



#26

2-Nitrophenol

Concen: 44.146 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

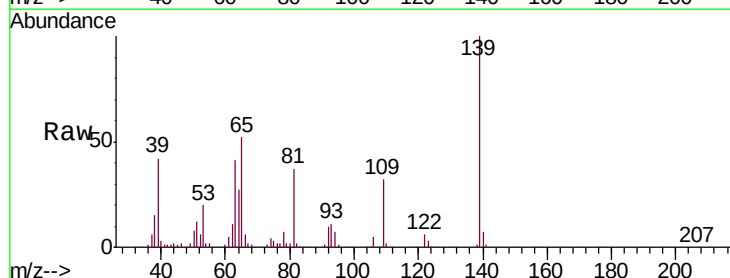
Tgt Ion: 139 Resp: 345855

Ion Ratio Lower Upper

139 100

109 31.5 26.1 39.1

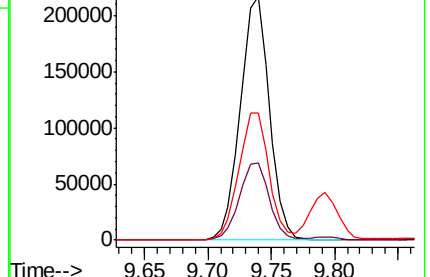
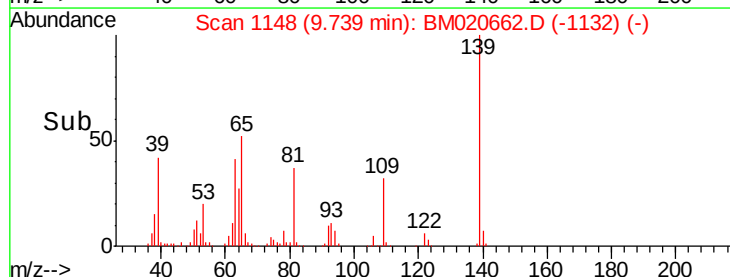
65 52.4 43.4 65.0

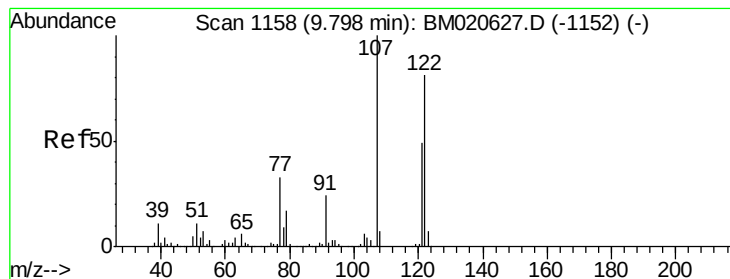


Abundance Ion 139.00 (138.70 to 139.70): BM020662.D (-1148) (-)

Ion 109.00 (108.70 to 109.70): BM020662.D (-1148) (-)

Ion 65.00 (64.70 to 65.70): BM020662.D (-1148) (-)





#27

2,4-Dimethylphenol

Concen: 39.871 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

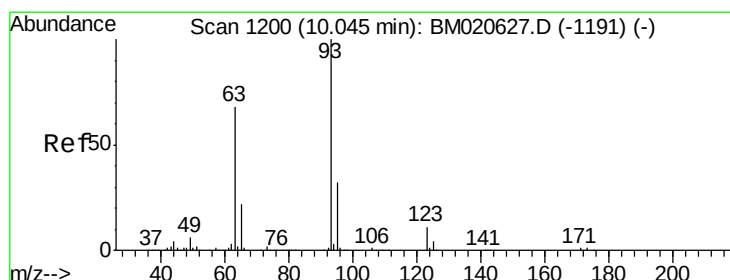
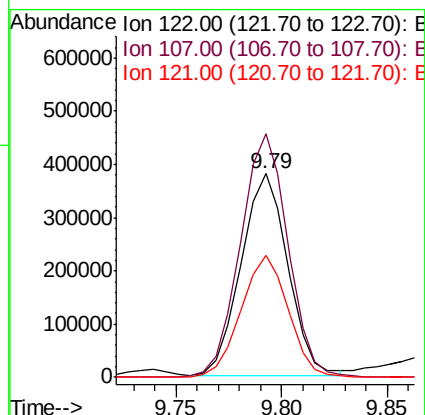
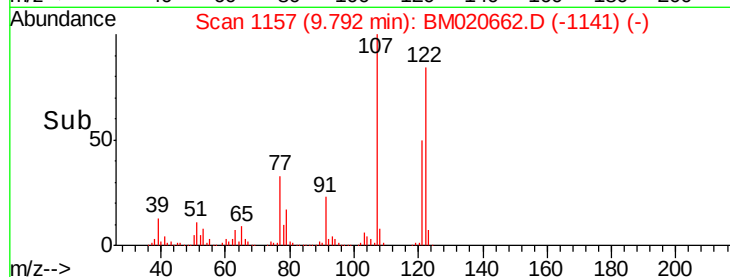
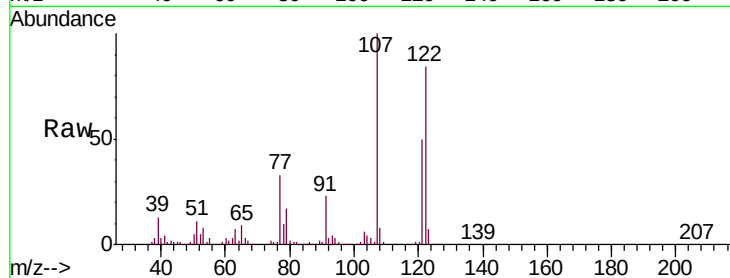
Tgt Ion:122 Resp: 585308

Ion Ratio Lower Upper

122 100

107 119.6 98.0 147.0

121 59.9 48.2 72.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.639 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

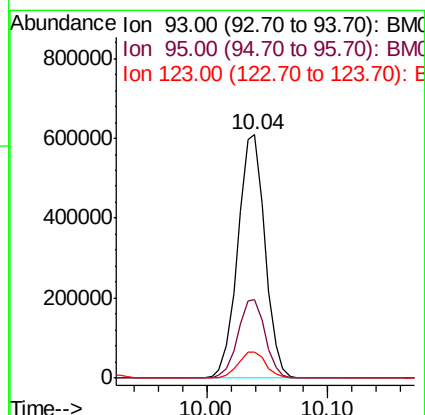
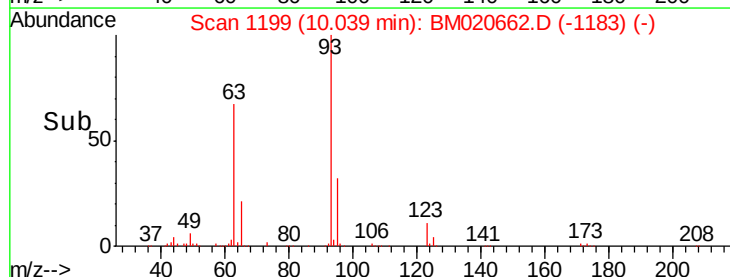
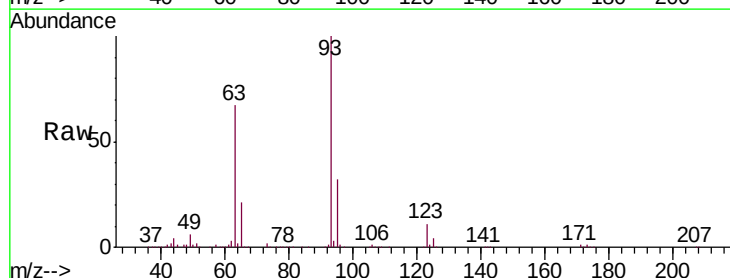
Tgt Ion: 93 Resp: 956908

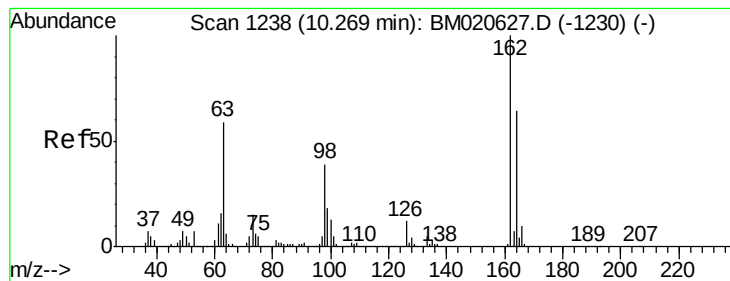
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 10.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 40.070 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

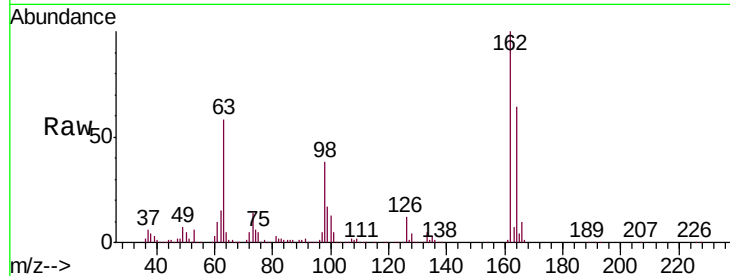
Tgt Ion:162 Resp: 650808

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

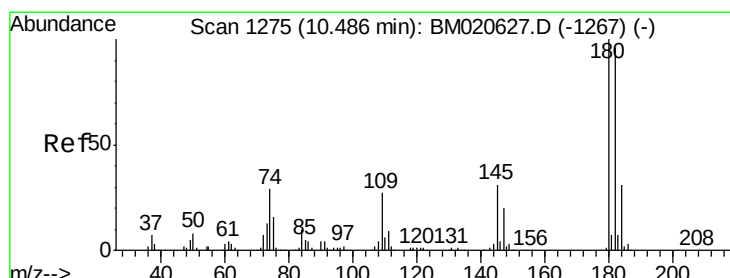
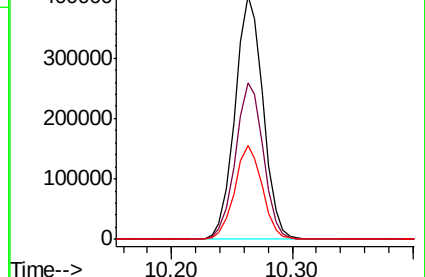
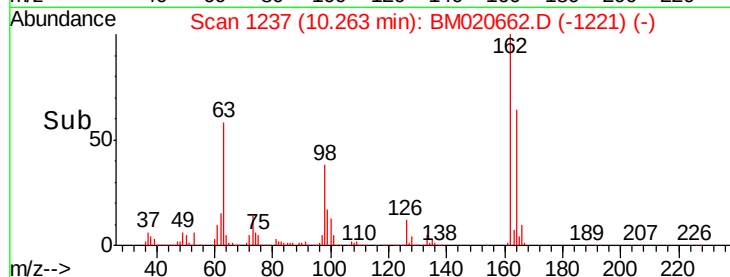
98 38.4 19.1 59.1



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: 40.932 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

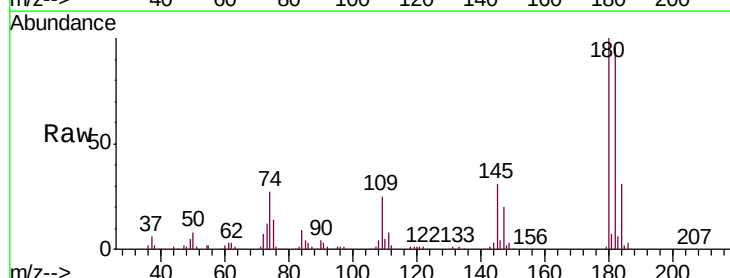
Tgt Ion:180 Resp: 764434

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

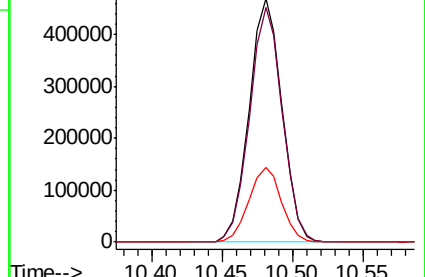
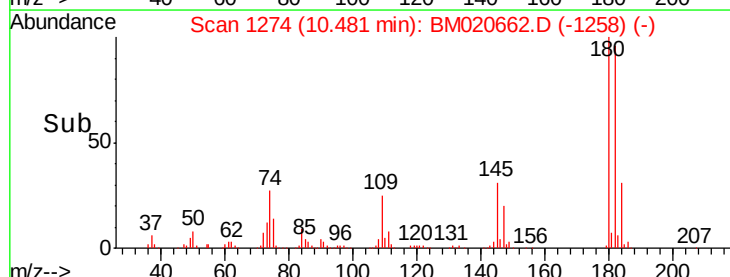
145 30.6 25.0 37.4

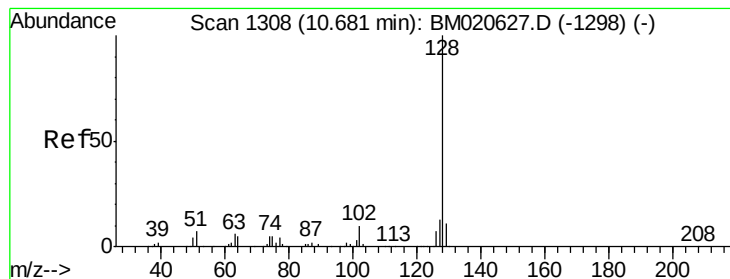


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.387 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

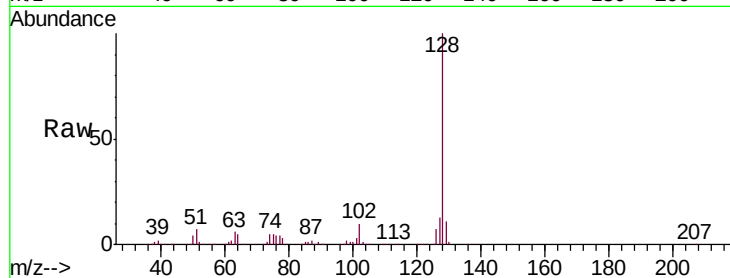
Tgt Ion:128 Resp: 2215690

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

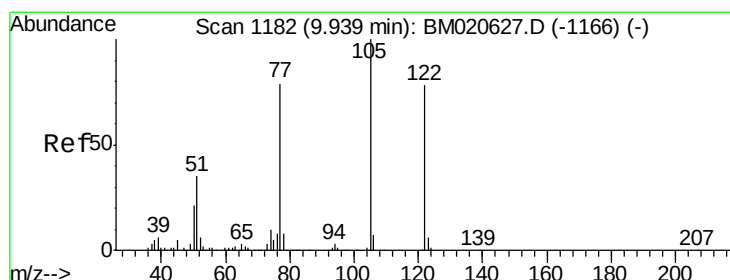
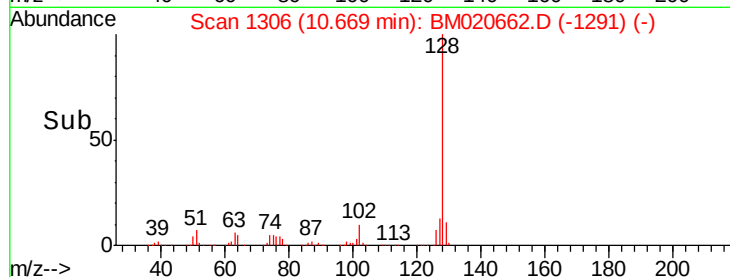
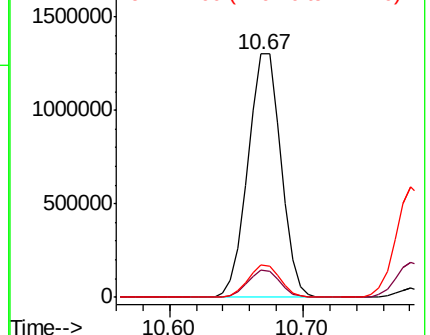
127 13.4 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.081 ng

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

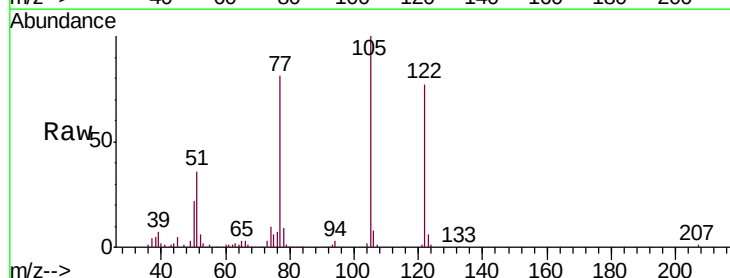
Tgt Ion:122 Resp: 361590

Ion Ratio Lower Upper

122 100

105 129.4 107.0 147.0

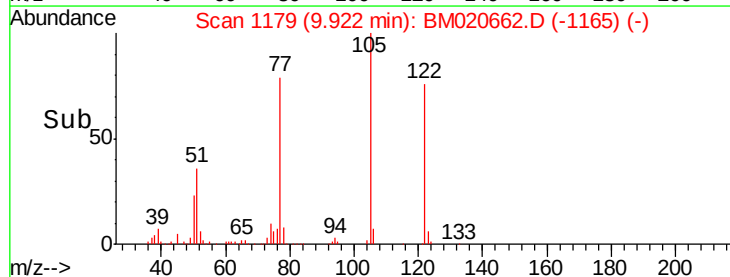
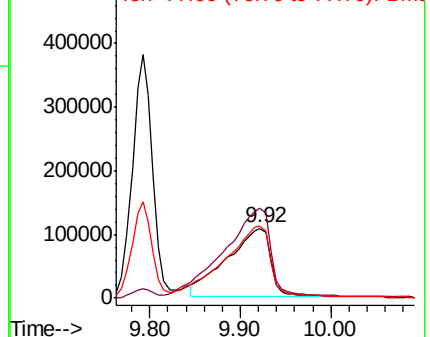
77 104.3 80.9 120.9

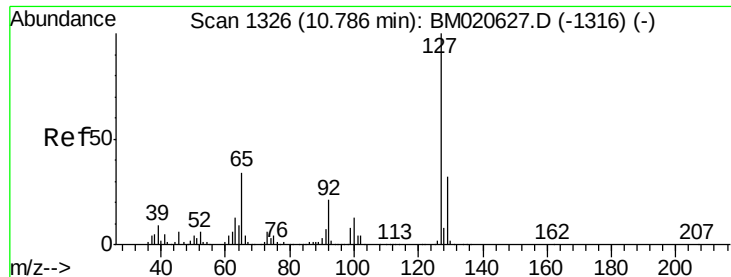


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

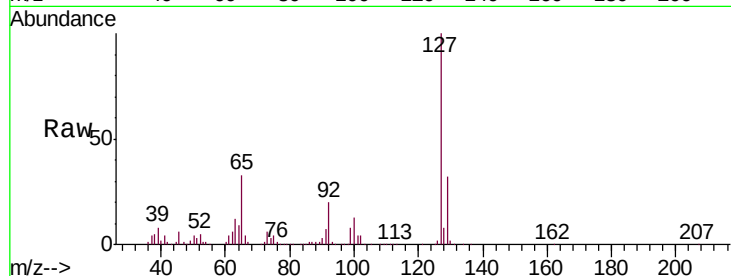




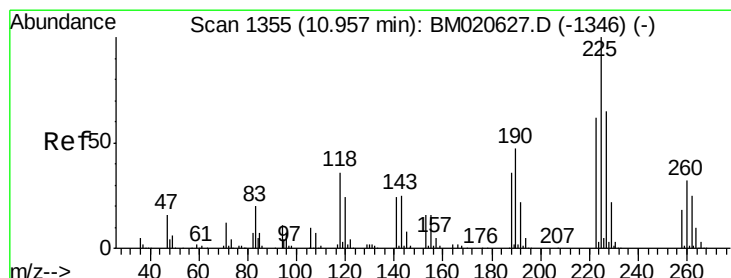
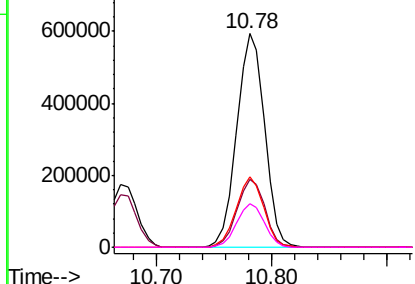
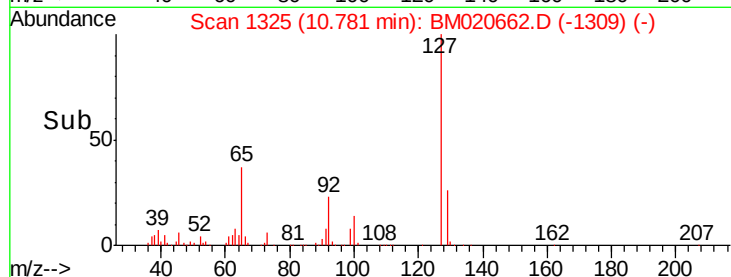
#33
4-Chloroaniline
Concen: 38.846 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	127	Resp:	991809
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	32.9	27.4	41.0
92	20.4	17.0	25.6

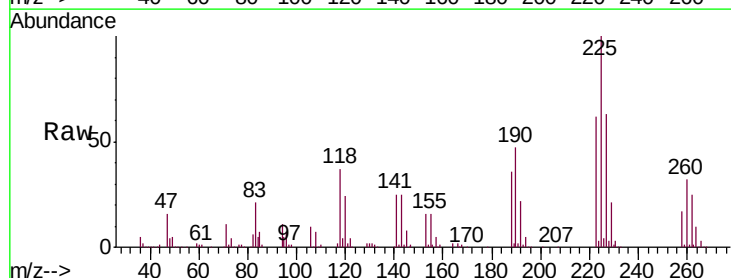


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

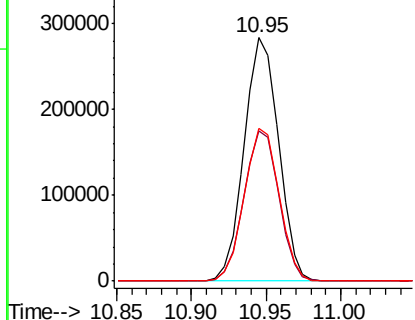
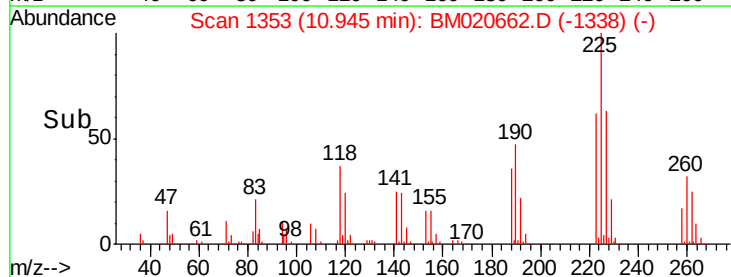


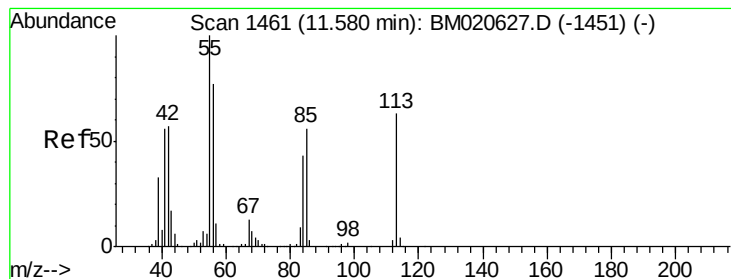
#34
Hexachlorobutadiene
Concen: 40.382 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020662.D
Acq: 03 Jun 2019 08:45

Tgt Ion:	225	Resp:	452509
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	62.5	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: 37.588 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

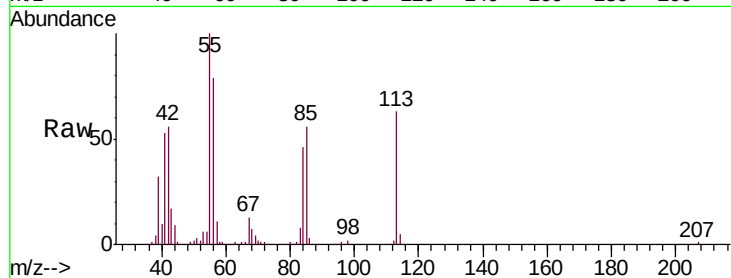
Tgt Ion:113 Resp: 212085

Ion Ratio Lower Upper

113 100

55 159.0 138.6 178.6

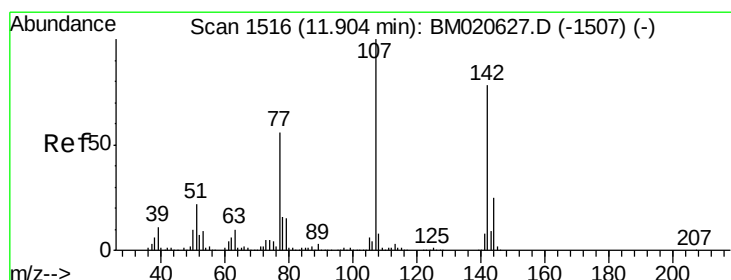
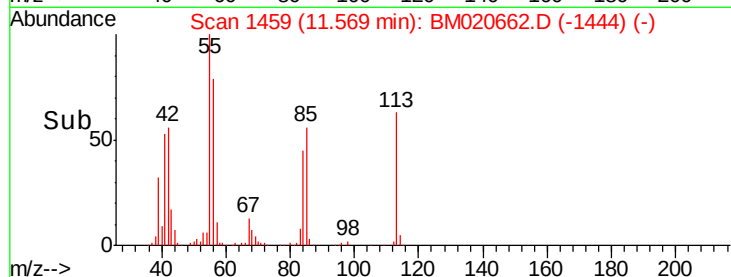
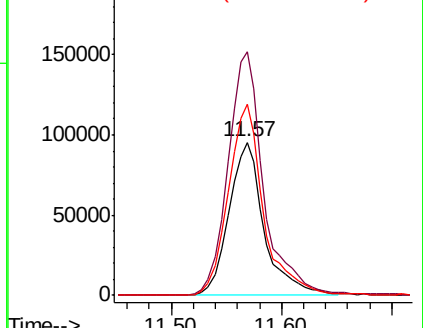
56 125.0 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 37.008 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

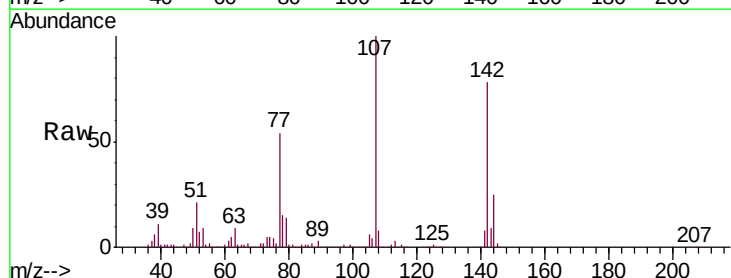
Tgt Ion:107 Resp: 698847

Ion Ratio Lower Upper

107 100

144 24.6 20.3 30.5

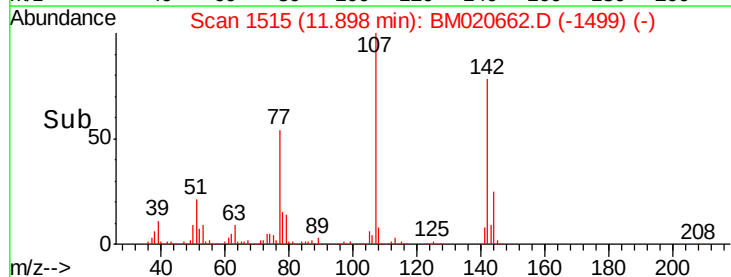
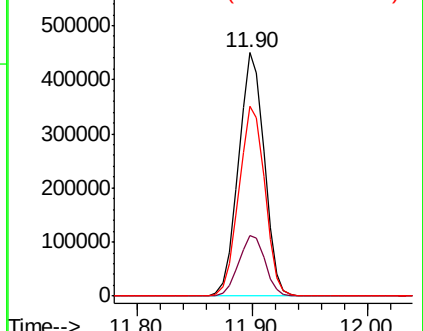
142 77.8 62.6 93.8

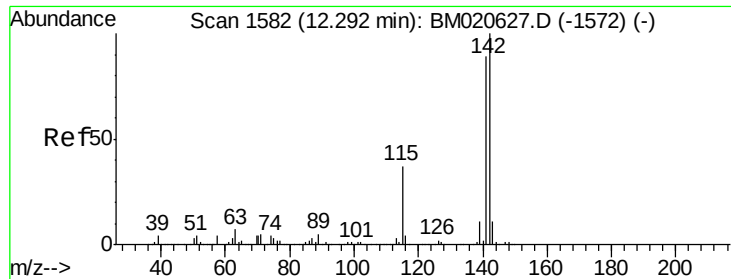


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

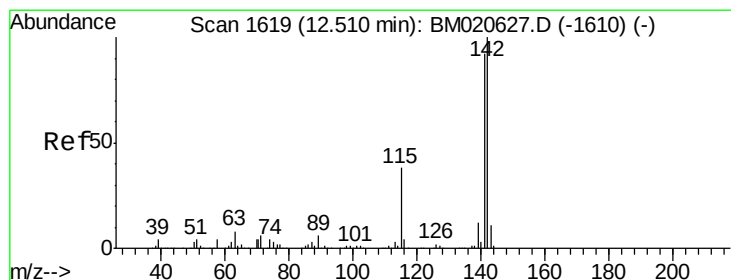
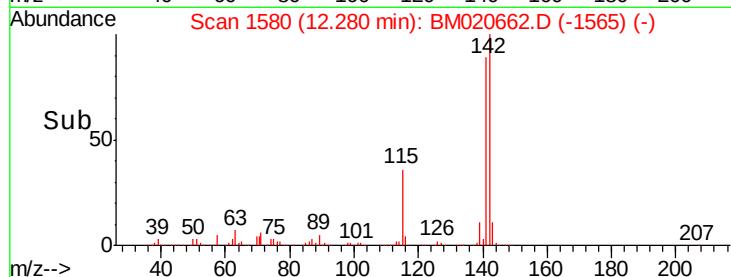
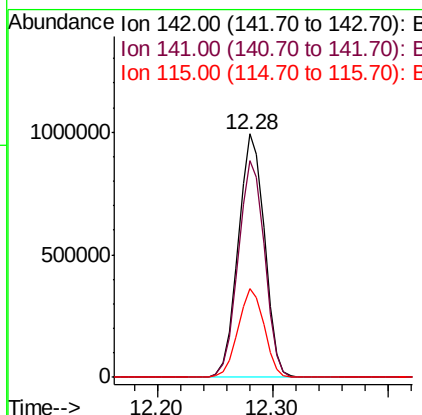
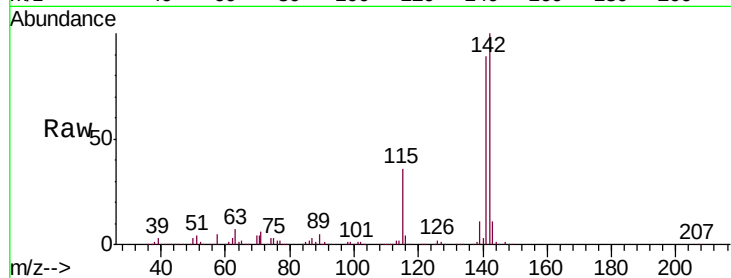




#37
 2-Methylnaphthalene
 Concen: 38.393 ng
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

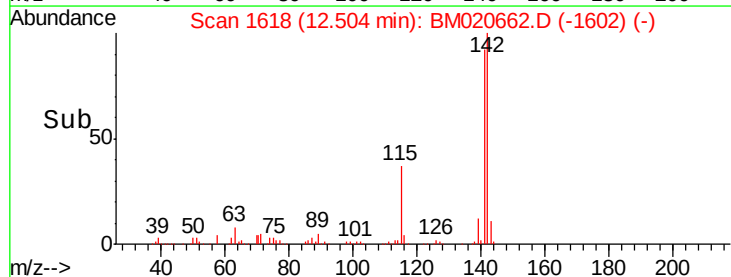
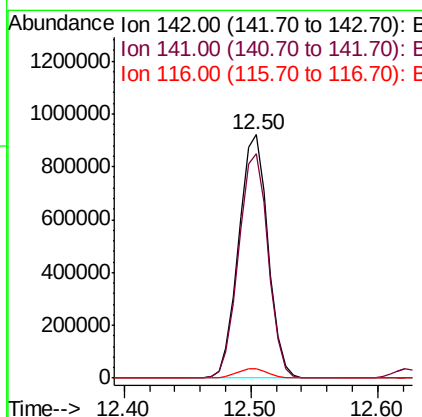
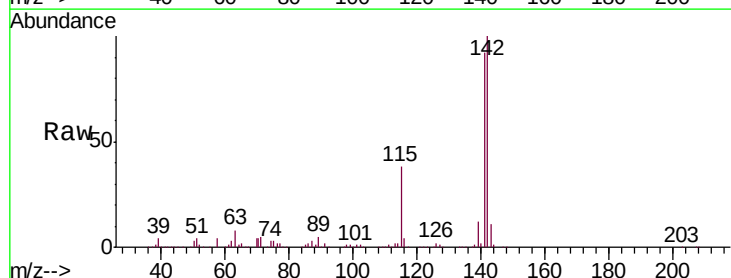
Instrument :
 BNA_M
 ClientSampled :

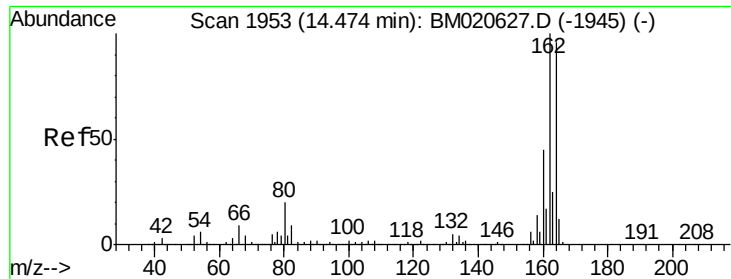
Tgt Ion:142 Resp: 1561234
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 36.4 29.6 44.4



#38
 1-Methylnaphthalene
 Concen: 38.006 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BM020662.D
 Acq: 03 Jun 2019 08:45

Tgt Ion:142 Resp: 1471599
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.9 110.9
 116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Instrument :

BNA_M

ClientSampleId :

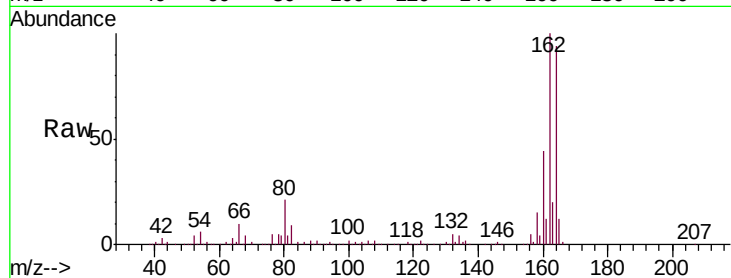
Tgt Ion:164 Resp: 559816

Ion Ratio Lower Upper

164 100

162 106.7 83.2 124.8

160 47.2 37.5 56.3

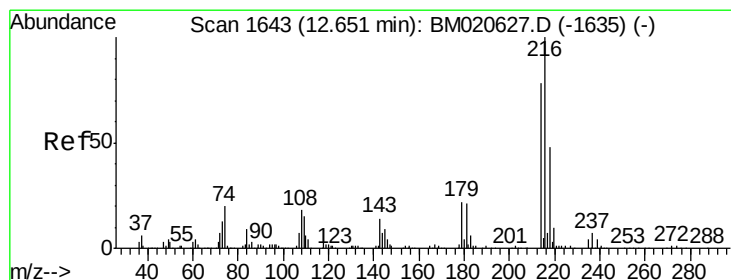
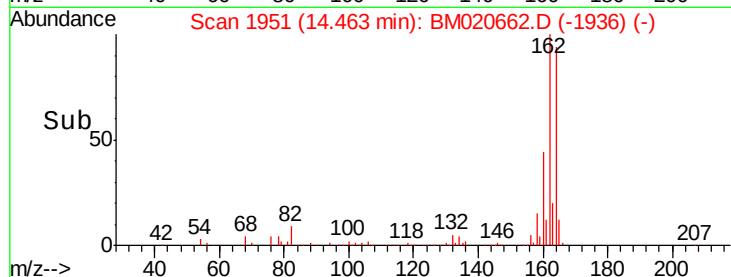
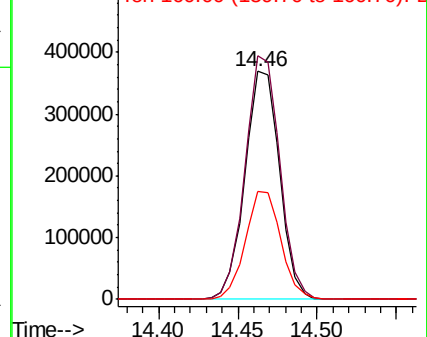


Abundance

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: 42.255 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020662.D

Acq: 03 Jun 2019 08:45

Tgt Ion:216 Resp: 775196

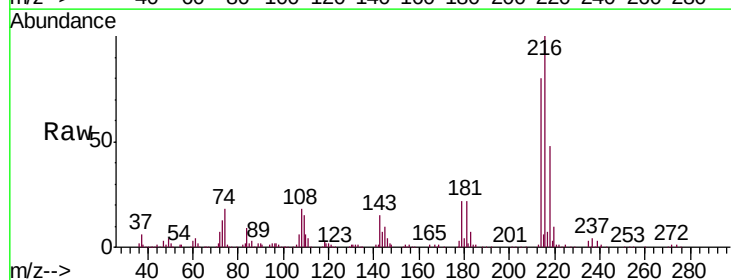
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.2 17.9 26.9

108 19.5 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

