

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020712.D
 Acq On : 04 Jun 2019 20:38
 Operator : HP/JU
 Sample : PB119943BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Quant Time: Jun 05 03:28:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	369260	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1441423	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	739648	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1366882	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1007852	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1109409	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2913673	138.80	ng	0.00
7) Phenol-d6	6.99	99	3789928	122.61	ng	0.00
23) Nitrobenzene-d5	8.99	82	2309954	83.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1225037	133.68	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	5022021	90.27	ng	0.00
79) Terphenyl-d14	19.83	244	5184706	86.05	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	348236	40.518	ng	98
3) Pyridine	3.75	79	985460	36.039	ng	97
4) n-Nitrosodimethylamine	3.66	42	456699	38.744	ng	95
6) Aniline	7.16	93	1330771	29.755	ng	99
8) 2-Chlorophenol	7.39	128	1137038	43.540	ng	98
9) Benzaldehyde	6.97	77	346241	15.573	ng	97
10) Phenol	7.02	94	1379483	41.413	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	1028823	38.756	ng	98
12) 1,3-Dichlorobenzene	7.71	146	1180819	39.343	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1213057	39.757	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1151189	38.770	ng	100
15) Benzyl Alcohol	8.07	79	1015975	37.154	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1436234	35.043	ng	100
17) 2-Methylphenol	8.26	107	927625	39.603	ng	97
18) Hexachloroethane	8.90	117	442950	37.918	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	850563	34.233	ng	96
20) 3+4-Methylphenols	8.59	107	1211537	38.017	ng	100
22) Acetophenone	8.65	105	1574011	42.985	ng	# 96
24) Nitrobenzene	9.03	77	1239055	43.627	ng	99
25) Isophorone	9.55	82	2197009	39.700	ng	100
26) 2-Nitrophenol	9.73	139	542193	51.223	ng	98
27) 2,4-Dimethylphenol	9.79	122	985679	49.696	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1365088	40.797	ng	100
29) 2,4-Dichlorophenol	10.26	162	1014936	46.251	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1117478	44.287	ng	99
31) Naphthalene	10.67	128	3249587	43.841	ng	100
32) Benzoic acid	9.93	122	530721	43.098	ng	99
33) 4-Chloroaniline	10.78	127	435298	12.619	ng	97
34) Hexachlorobutadiene	10.94	225	658406	43.488	ng	99
35) Caprolactam	11.57	113	242213	31.772	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	1014994	39.782	ng	100
37) 2-Methylnaphthalene	12.28	142	2332137	42.448	ng	99
38) 1-Methylnaphthalene	12.50	142	2206100	42.170	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1199249	49.476	ng	99

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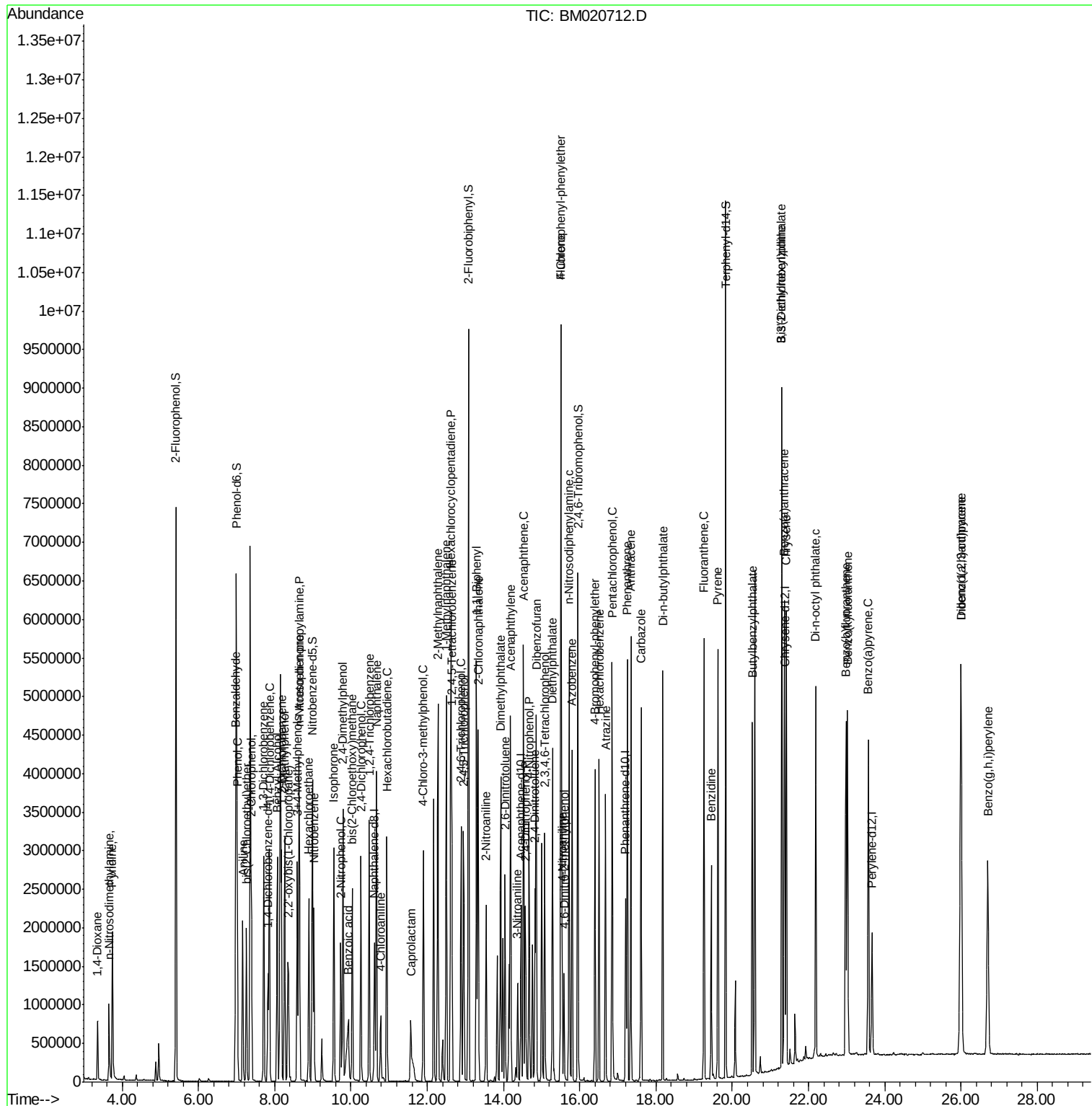
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1567702	108.142	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	748245	47.958	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	778402	48.325	ng	96
46) 1,1'-Biphenyl	13.29	154	2860422	46.305	ng	99
47) 2-Chloronaphthalene	13.33	162	2208837	44.304	ng	99
48) 2-Nitroaniline	13.54	65	605757	38.711	ng	91
49) Acenaphthylene	14.19	152	3406437	43.790	ng	99
50) Dimethylphthalate	13.93	163	2550935	40.368	ng	100
51) 2,6-Dinitrotoluene	14.04	165	552698	43.075	ng	88
52) Acenaphthene	14.53	154	1986116	42.843	ng	100
53) 3-Nitroaniline	14.37	138	313730	21.906	ng	94
54) 2,4-Dinitrophenol	14.58	184	460356	83.089	ng	89
55) Dibenzofuran	14.86	168	3078681	42.759	ng	98
56) 4-Nitrophenol	14.67	139	833702	78.996	ng	94
57) 2,4-Dinitrotoluene	14.83	165	709853	41.318	ng	96
58) Fluorene	15.51	166	2430569	41.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	640818	45.656	ng	98
60) Diethylphthalate	15.29	149	2476170	37.994	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1289009	41.116	ng	97
62) 4-Nitroaniline	15.54	138	501744	33.033	ng	95
63) Azobenzene	15.80	77	2374807	38.008	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	272362	44.565	ng	96
66) n-Nitrosodiphenylamine	15.72	169	2066540	47.228	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	741376	46.066	ng	97
68) Hexachlorobenzene	16.50	284	837460	44.563	ng	98
69) Atrazine	16.67	200	636553	48.742	ng	100
70) Pentachlorophenol	16.85	266	922959	102.948	ng	98
71) Phenanthrene	17.25	178	3338978	43.095	ng	100
72) Anthracene	17.34	178	3412367	44.004	ng	99
73) Carbazole	17.61	167	2851878	40.526	ng	99
74) Di-n-butylphthalate	18.17	149	3661188	40.078	ng	100
75) Fluoranthene	19.26	202	3379521	39.222	ng	100
77) Benzidine	19.45	184	1397556	45.763	ng	99
78) Pyrene	19.62	202	3365668	43.517	ng	99
80) Butylbenzylphthalate	20.53	149	1361625	41.660	ng	94
81) Benzo(a)anthracene	21.36	228	2950355	42.037	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	873005	33.967	ng	98
83) Chrysene	21.42	228	2885652	43.253	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1956424	41.185	ng	100
85) Di-n-octyl phthalate	22.19	149	3132008	41.529	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3797939	55.645	ng	99
88) Benzo(b)fluoranthene	22.98	252	3134684	42.750	ng	99
89) Benzo(k)fluoranthene	23.02	252	2937116	40.988	ng	100
90) Benzo(a)pyrene	23.57	252	3015218	45.335	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3209959	49.747	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3089989	51.556	ng	99

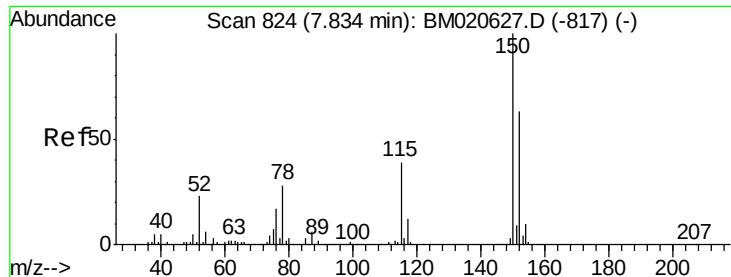
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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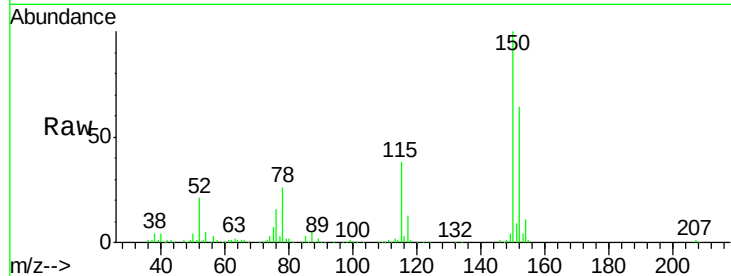


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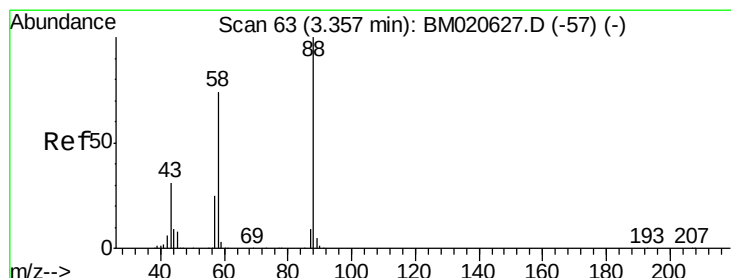
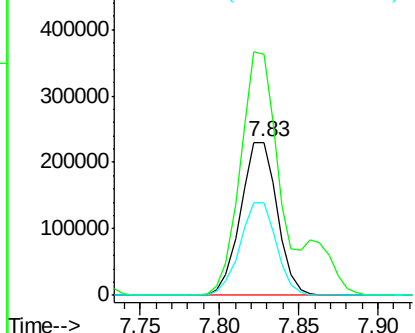
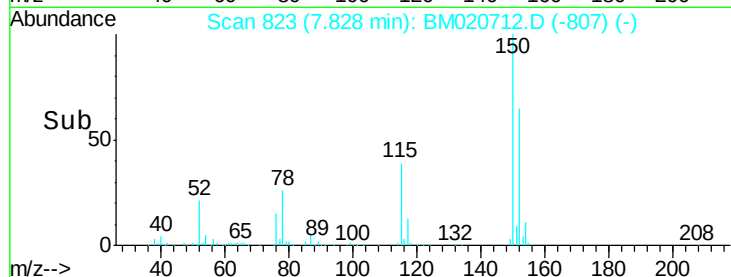
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:152 Resp: 369260
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 60.3 49.6 74.4



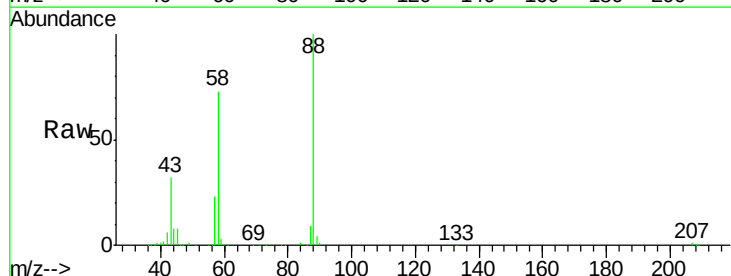
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



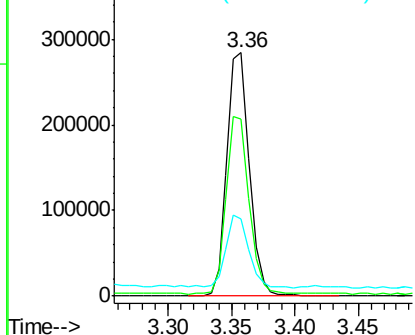
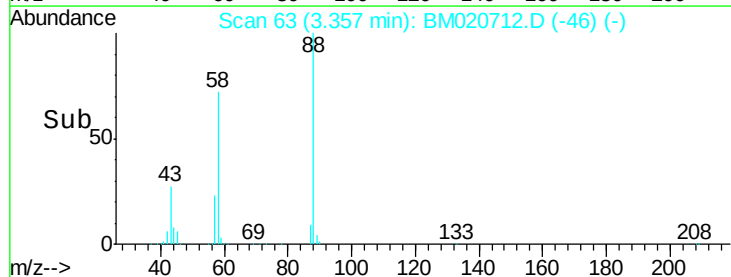
#2

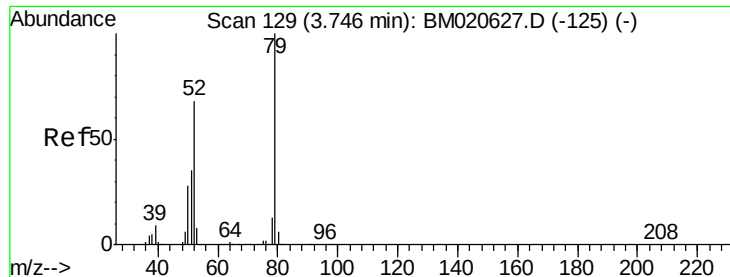
1,4-Dioxane
Concen: 40.518 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion: 88 Resp: 348236
Ion Ratio Lower Upper
88 100
58 73.7 60.2 90.4
43 29.4 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: 36.039 ng

RT: 3.75 min Scan# 129

Delta R.T. -0.00 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

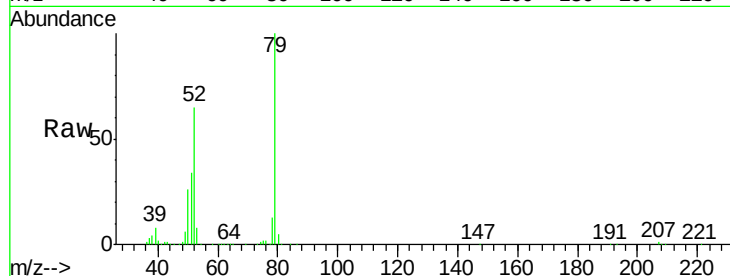
Tgt Ion: 79 Resp: 985460

Ion Ratio Lower Upper

79 100

52 65.3 54.1 81.1

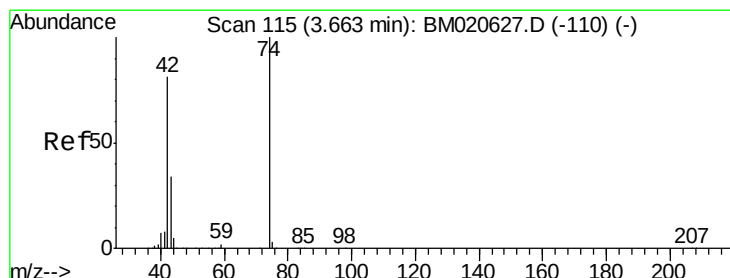
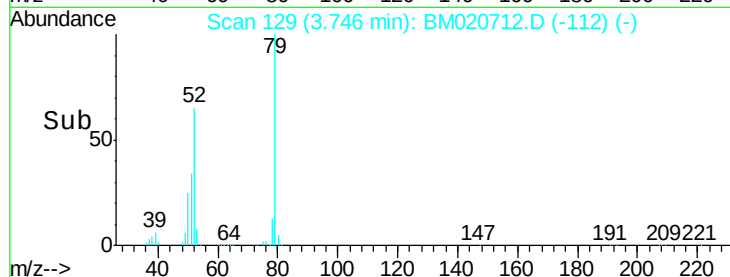
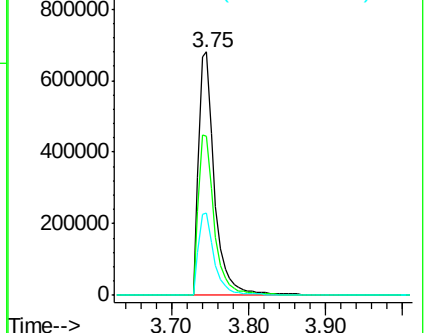
51 33.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020712.D (-112) (-)

Ion 52.00 (51.70 to 52.70): BM020712.D (-112) (-)

Ion 51.00 (50.70 to 51.70): BM020712.D (-112) (-)



#4

n-Nitrosodimethylamine

Concen: 38.744 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

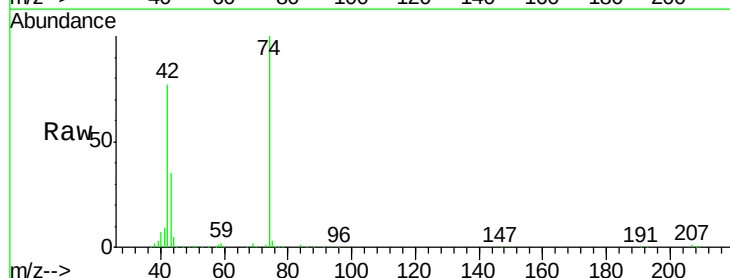
Tgt Ion: 42 Resp: 456699

Ion Ratio Lower Upper

42 100

74 129.7 99.4 149.0

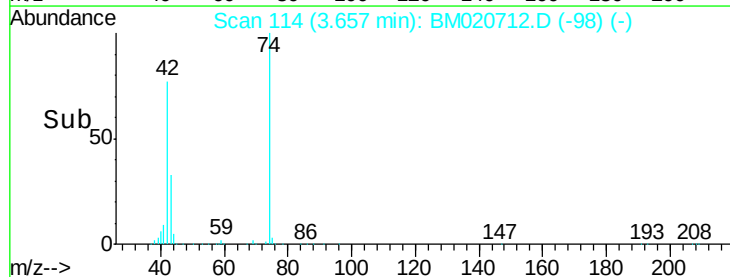
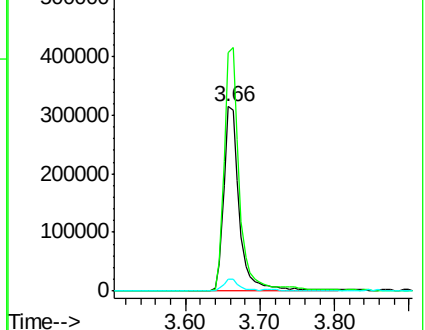
44 6.6 5.8 8.8

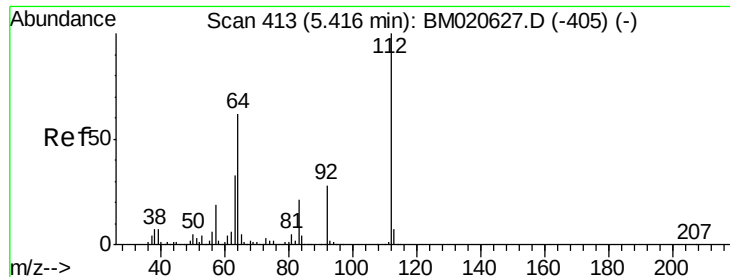


Abundance Ion 42.00 (41.70 to 42.70): BM020712.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BM020712.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BM020712.D (-98) (-)





#5

2-Fluorophenol

Concen: 138.800 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

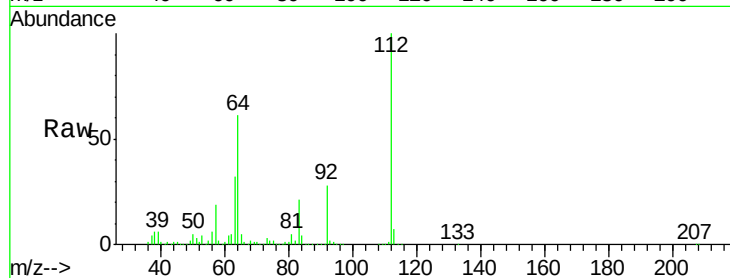
Tgt Ion:112 Resp: 2913673

Ion Ratio Lower Upper

112 100

64 61.4 49.7 74.5

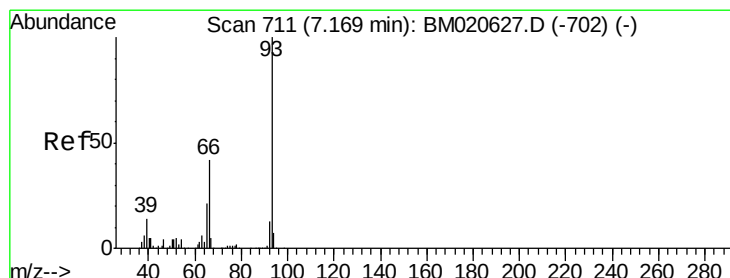
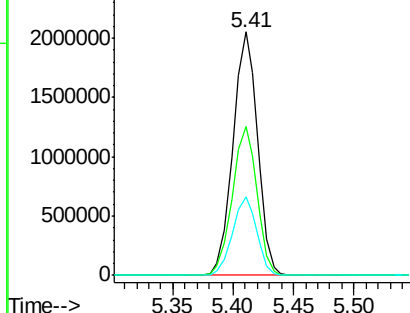
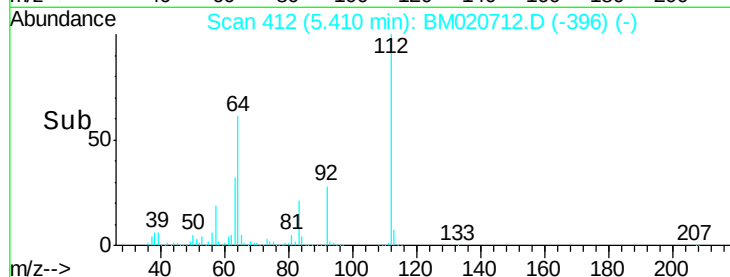
63 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.755 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

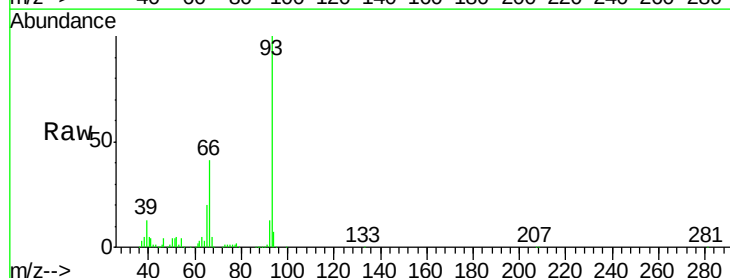
Tgt Ion: 93 Resp: 1330771

Ion Ratio Lower Upper

93 100

66 41.1 33.6 50.4

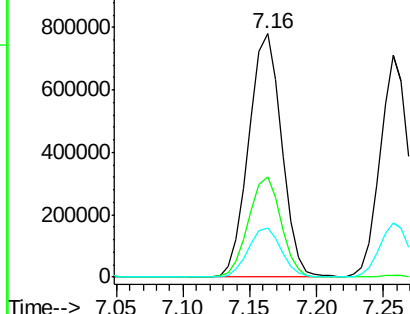
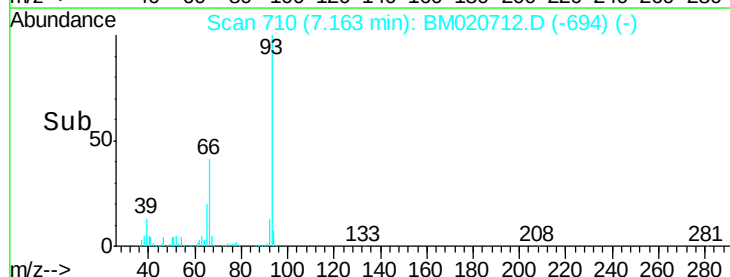
65 20.2 16.7 25.1

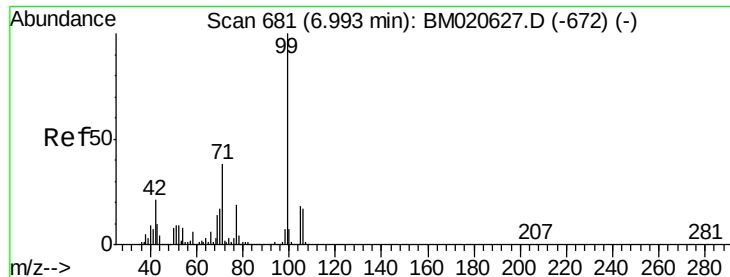


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 122.613 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

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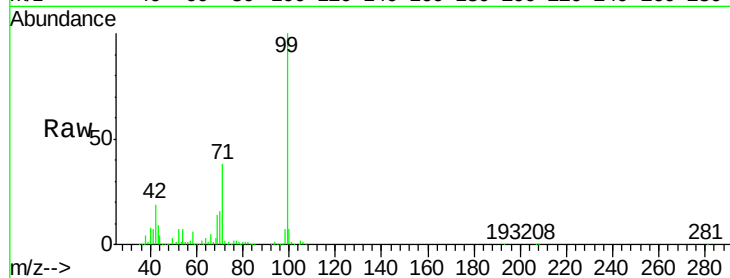
Tgt Ion: 99 Resp: 3789928

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

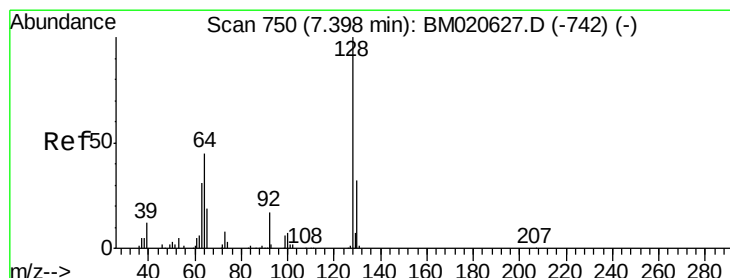
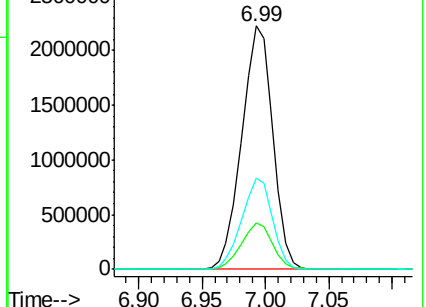
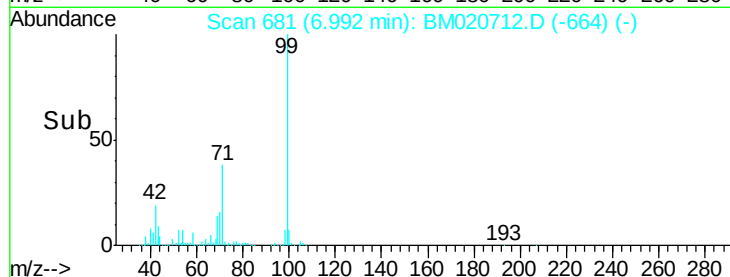
71 37.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020712.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020712.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020712.D (-664) (-)



#8

2-Chlorophenol

Concen: 43.540 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

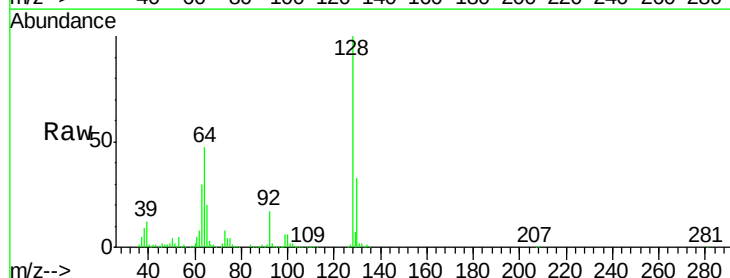
Tgt Ion: 128 Resp: 1137038

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

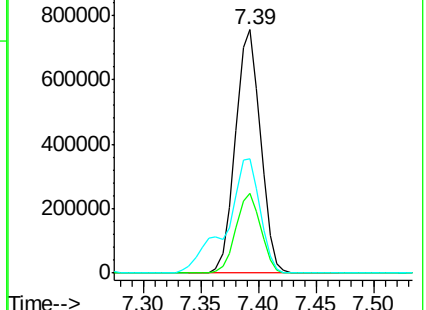
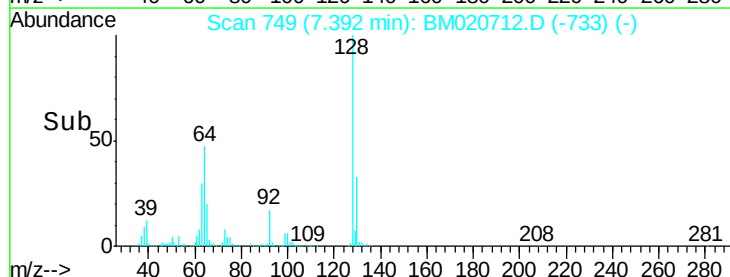
64 46.9 29.1 69.1

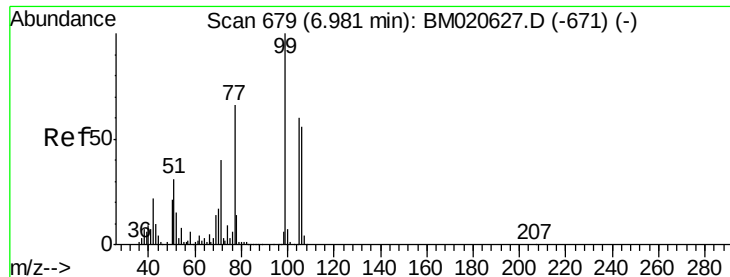


Abundance Ion 128.00 (127.70 to 128.70): BM020712.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020712.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020712.D (-733) (-)





#9

Benzaldehyde

Concen: 15.573 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

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Acq: 04 Jun 2019 20:38

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BNA_M

ClientSampled :

PB119943BSD

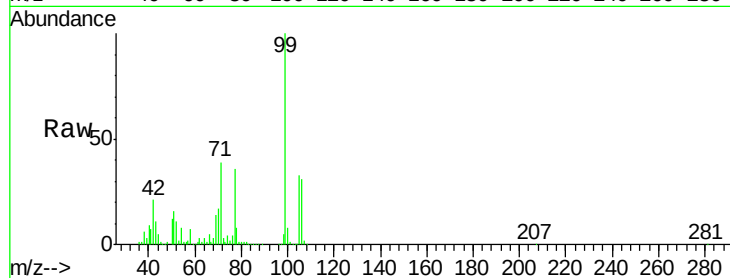
Tgt Ion: 77 Resp: 346241

Ion Ratio Lower Upper

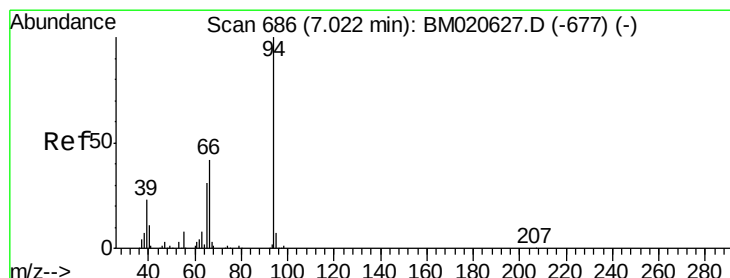
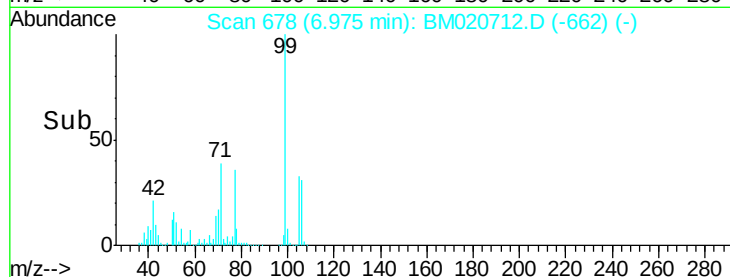
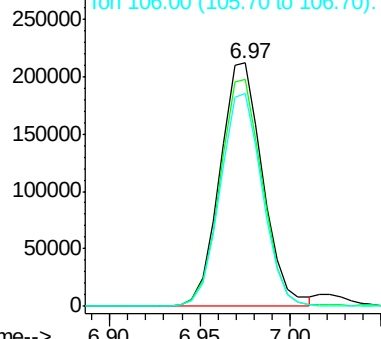
77 100

105 93.4 70.6 110.6

106 87.6 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020712.D (-662) (-)



#10

Phenol

Concen: 41.413 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

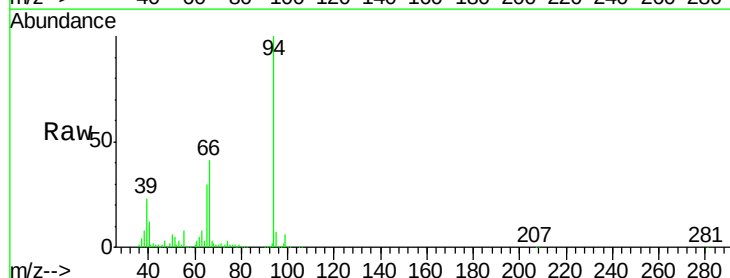
Tgt Ion: 94 Resp: 1379483

Ion Ratio Lower Upper

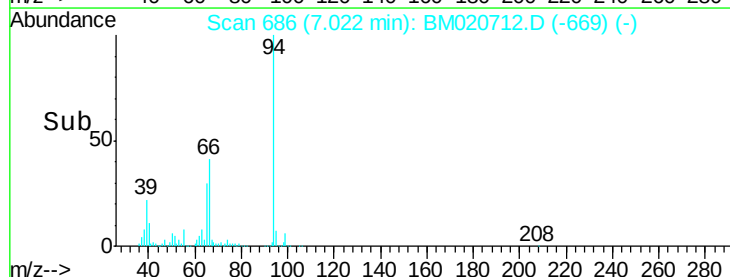
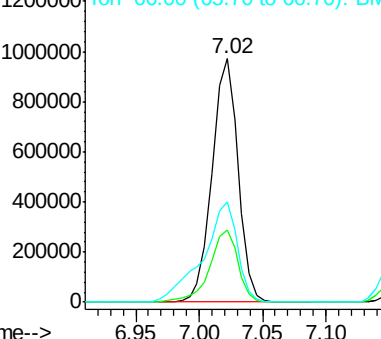
94 100

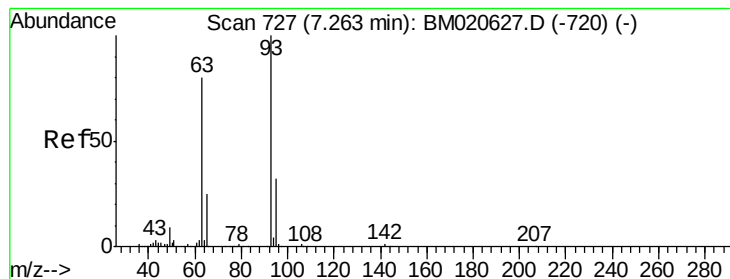
65 29.6 10.7 50.7

66 41.0 22.3 62.3



Abundance Ion 94.00 (93.70 to 94.70): BM020712.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.756 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

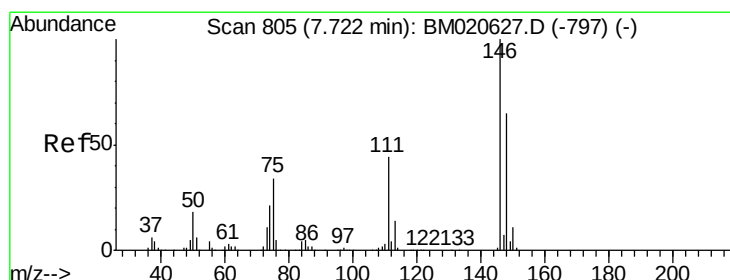
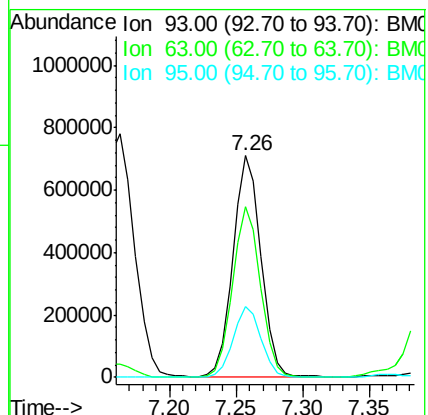
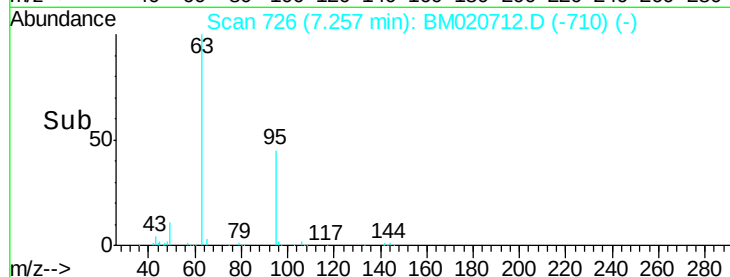
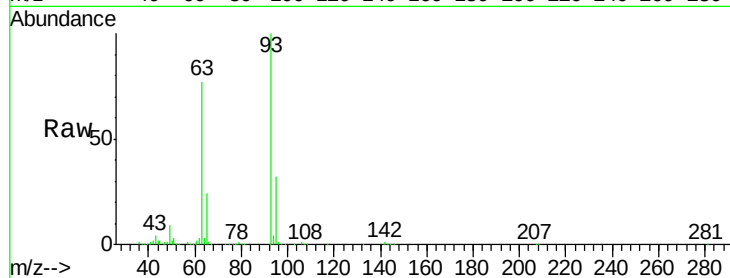
Tgt Ion: 93 Resp: 1028823

Ion Ratio Lower Upper

93 100

63 77.1 60.0 100.0

95 32.1 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 39.343 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

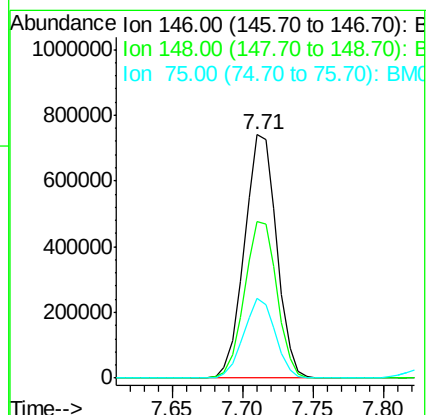
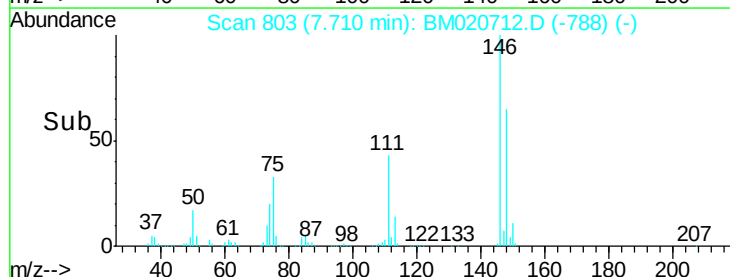
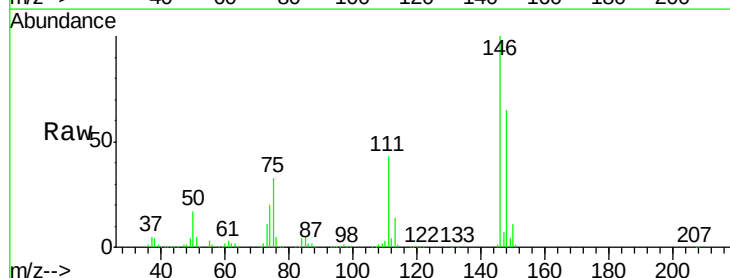
Tgt Ion: 146 Resp: 1180819

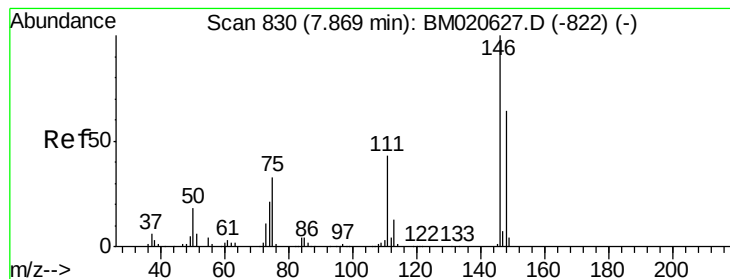
Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

75 32.7 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 39.757 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

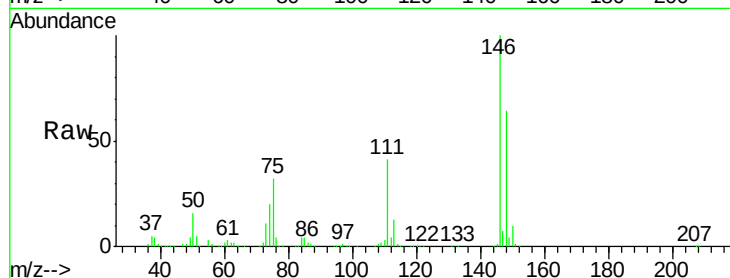
Tgt Ion:146 Resp: 1213057

Ion Ratio Lower Upper

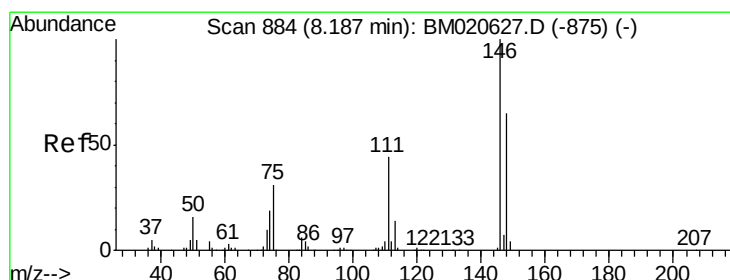
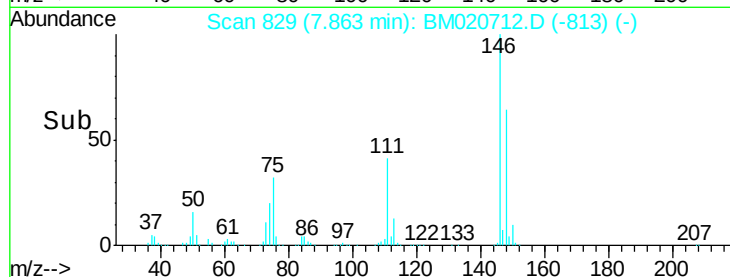
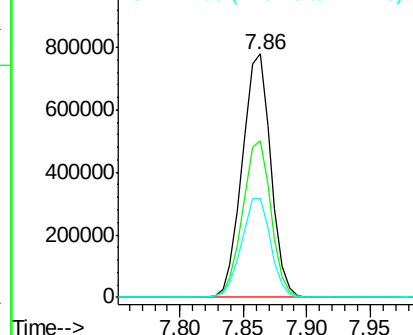
146 100

148 64.4 51.0 76.4

111 40.8 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: 38.770 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

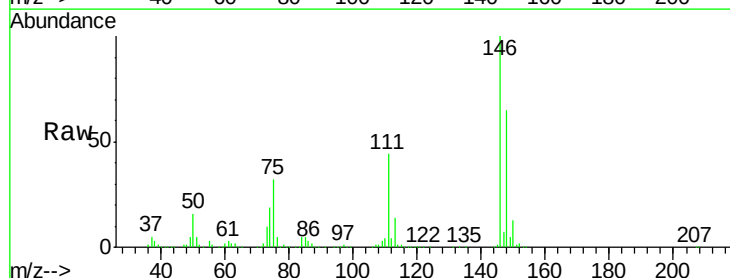
Tgt Ion:146 Resp: 1151189

Ion Ratio Lower Upper

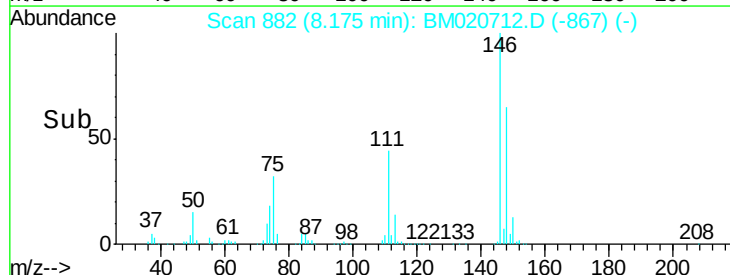
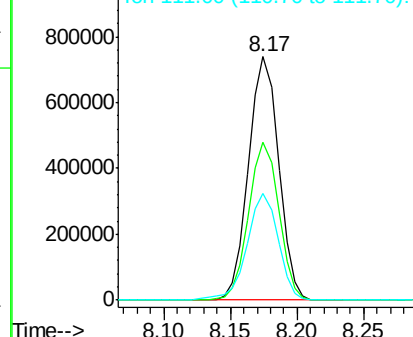
146 100

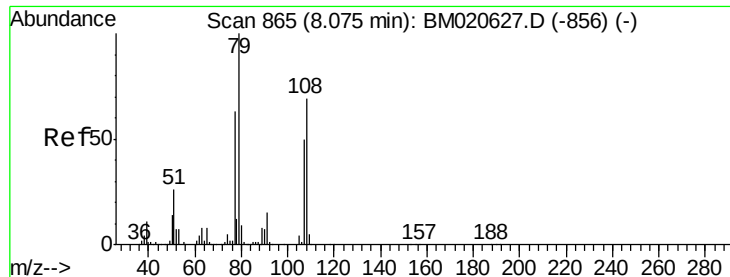
148 65.1 51.8 77.8

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: 37.154 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

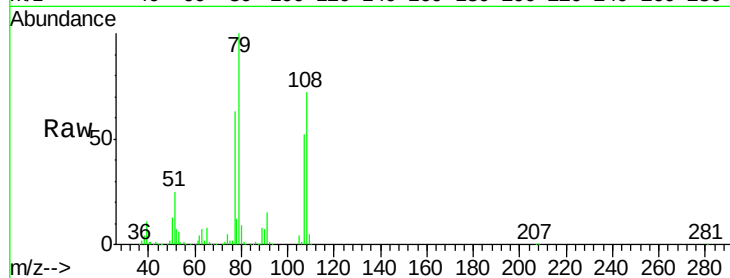
Tgt Ion: 79 Resp: 1015975

Ion Ratio Lower Upper

79 100

108 72.4 54.9 82.3

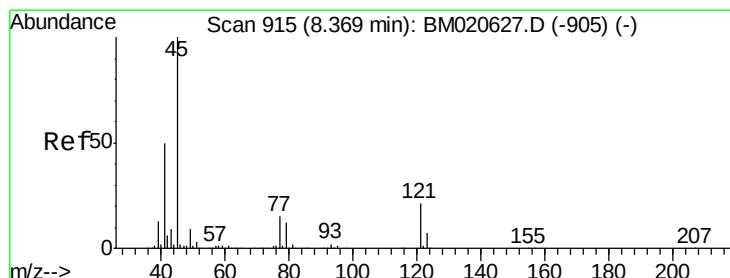
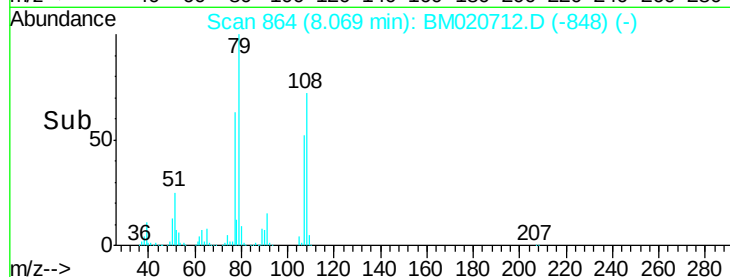
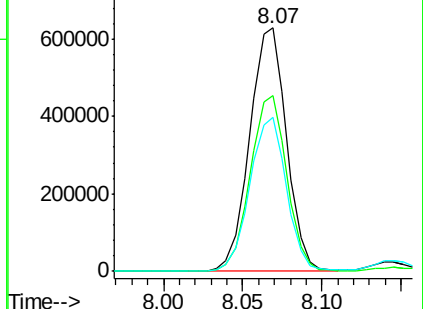
77 63.1 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BM020712.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM020712.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020712.D (-848) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.043 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

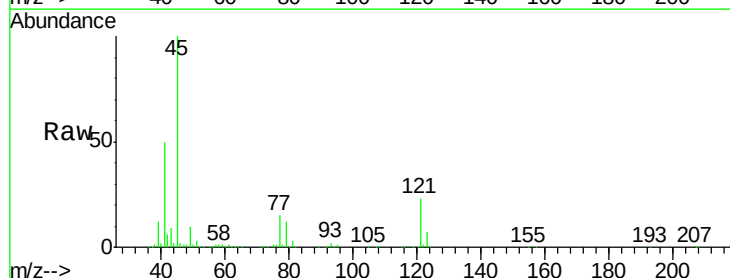
Tgt Ion: 45 Resp: 1436234

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.9

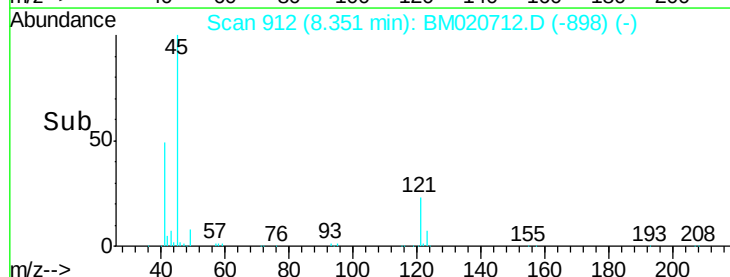
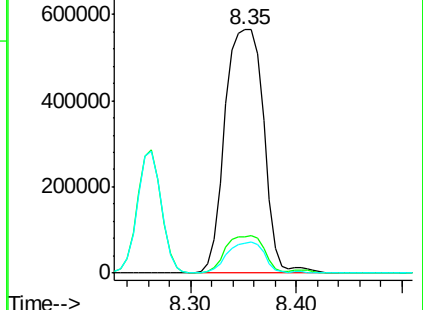
79 12.0 0.0 31.8

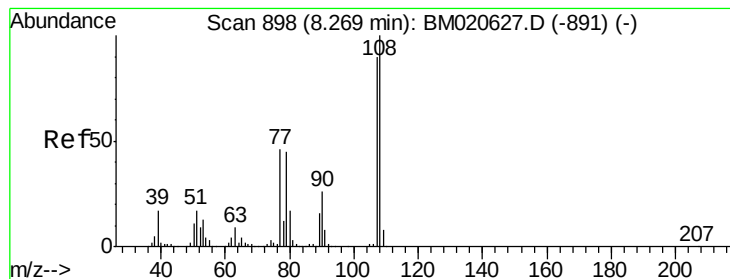


Abundance Ion 45.00 (44.70 to 45.70): BM020712.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020712.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020712.D (-898) (-)





#17

2-Methylphenol

Concen: 39.603 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:107 Resp: 927625

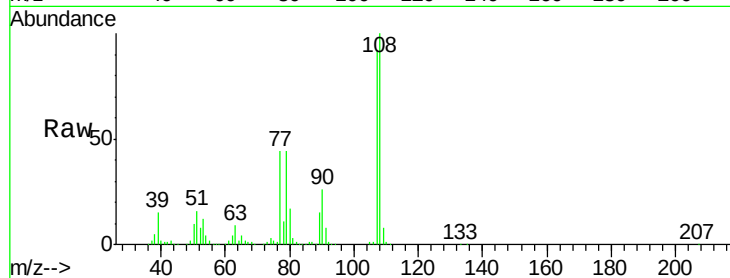
Ion Ratio Lower Upper

107 100

108 109.2 88.6 133.0

77 47.9 40.6 61.0

79 47.6 39.9 59.9

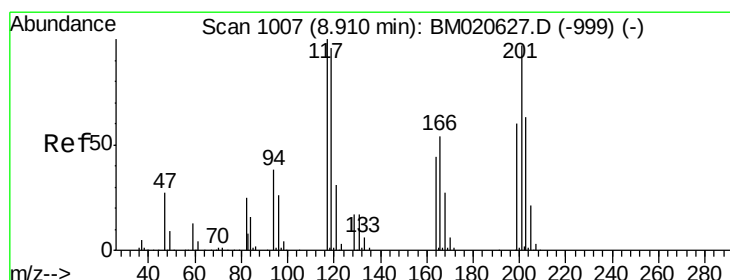
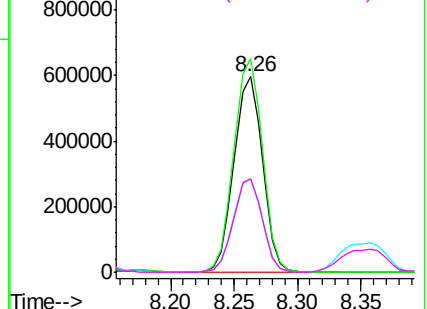
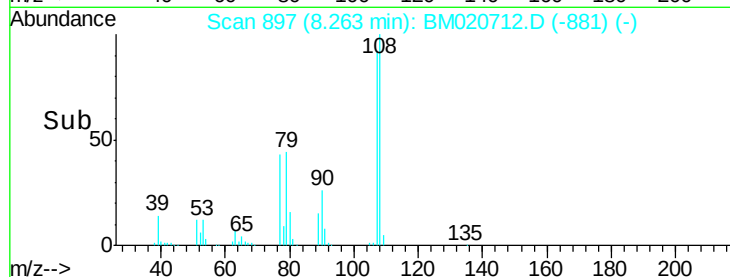


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.918 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

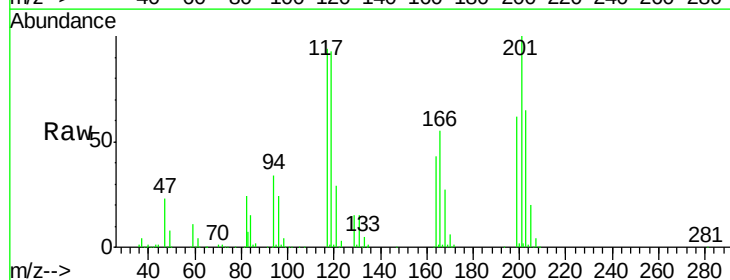
Tgt Ion:117 Resp: 442950

Ion Ratio Lower Upper

117 100

119 98.6 76.7 115.1

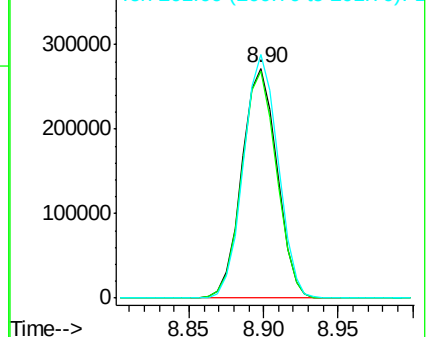
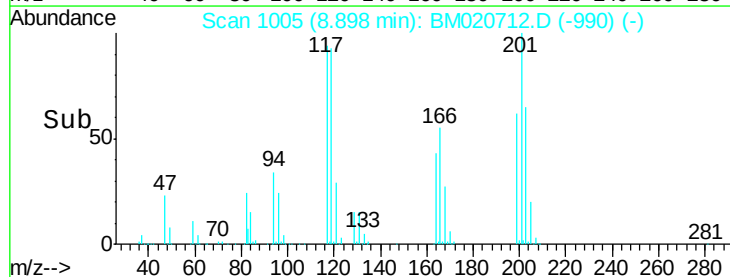
201 105.9 77.9 116.9

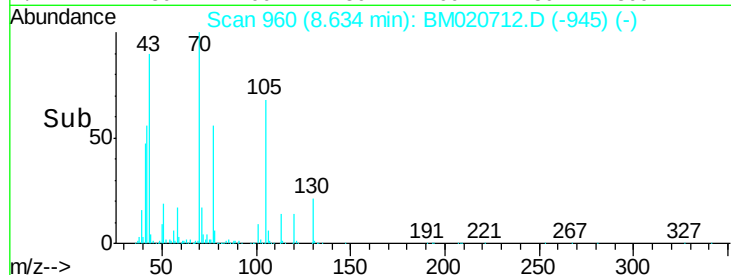
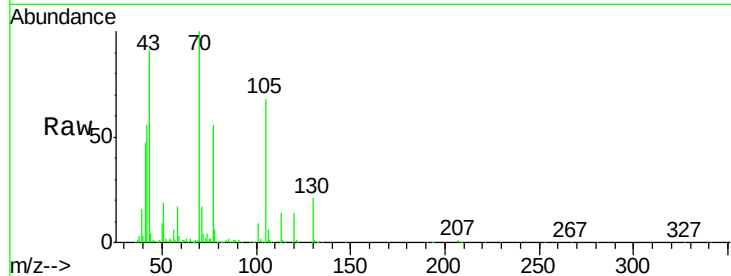
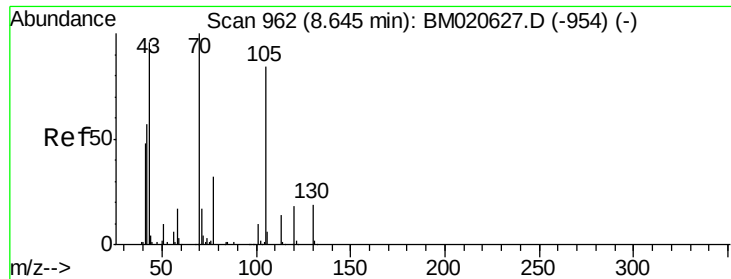


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

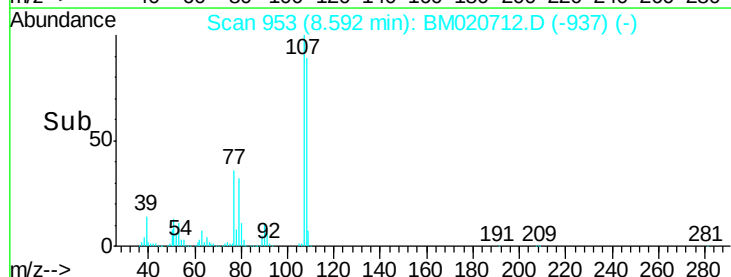
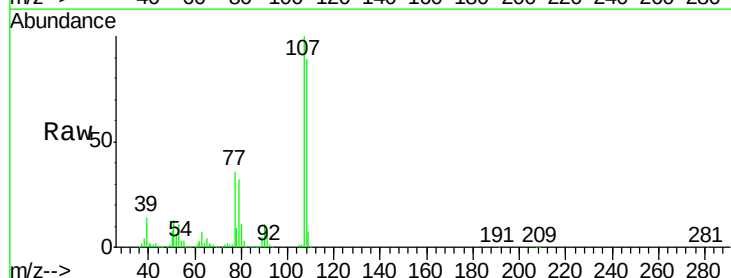
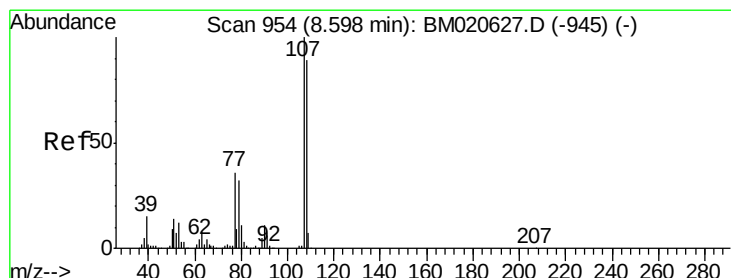
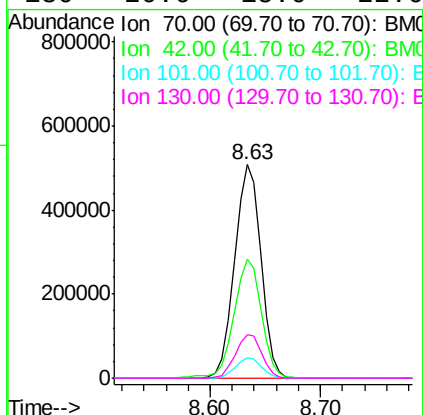




#19
n-Nitroso-di-n-propylamine
Concen: 34.233 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

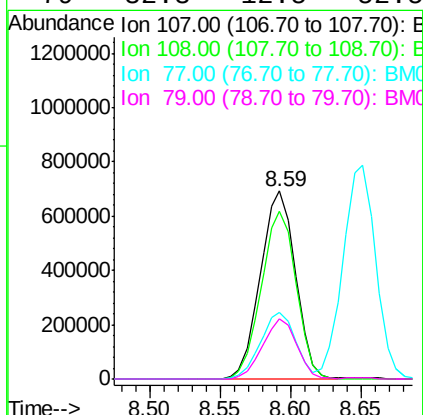
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

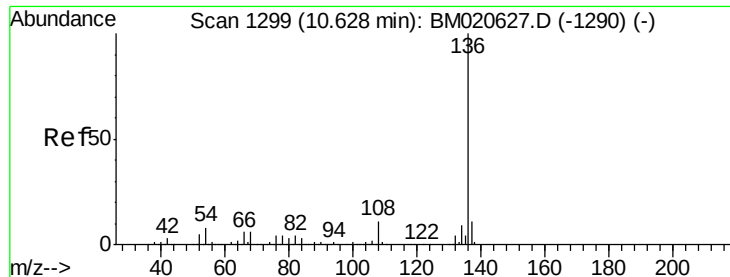
Tgt Ion:	70	Resp:	850563
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.8	70.2
101	9.4	7.8	11.6
130	20.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 38.017 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:	107	Resp:	1211537
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.2	109.2
77	35.7	16.2	56.2
79	32.3	12.5	52.5

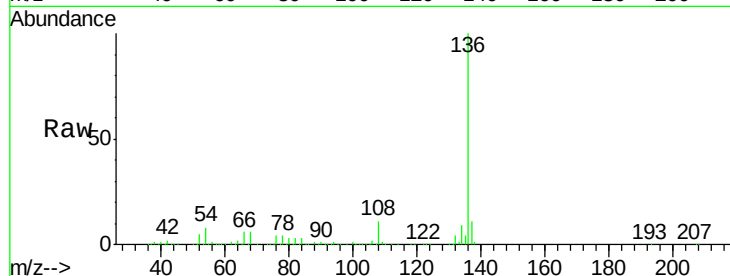




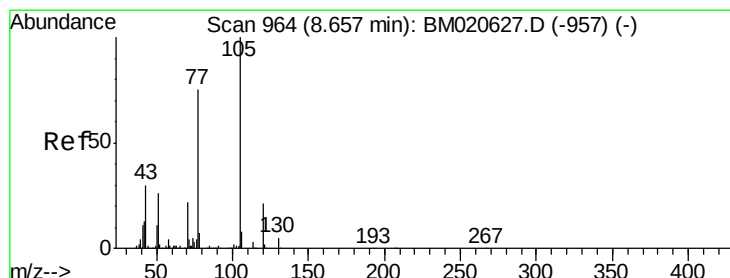
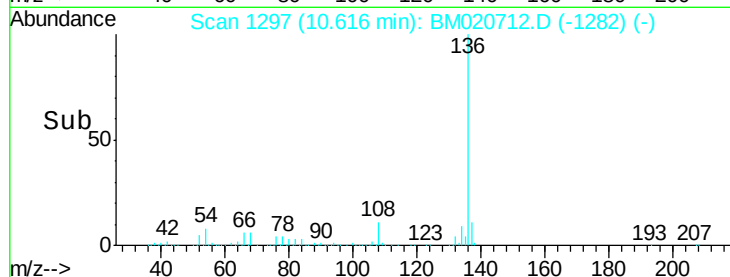
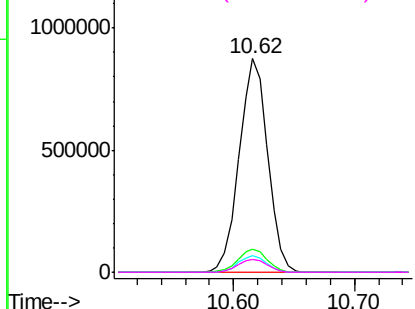
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:136 Resp: 1441423
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.6 10.0
68 5.9 5.1 7.7

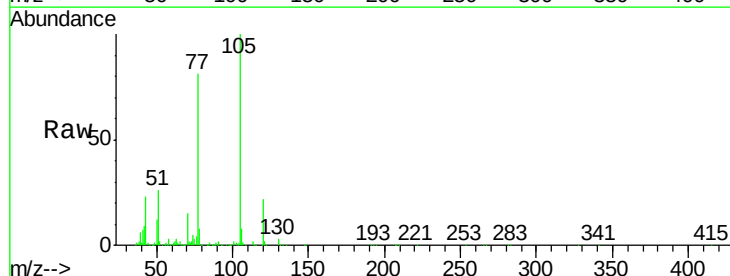


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

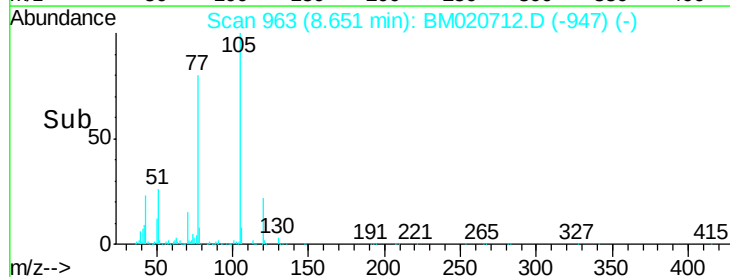
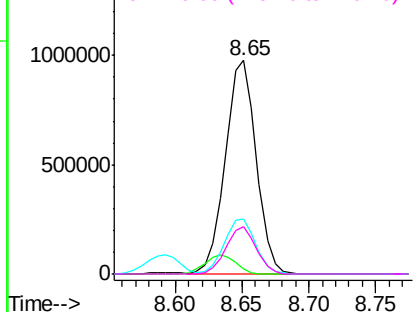


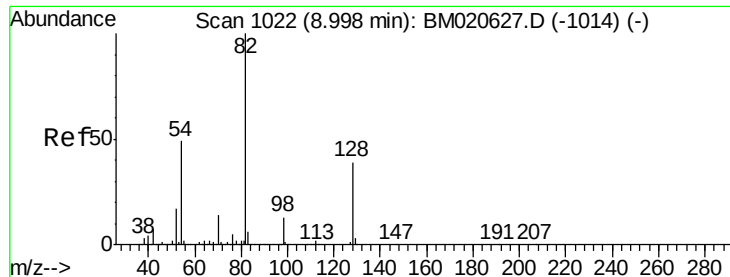
#22
Acetophenone
Concen: 42.985 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:105 Resp: 1574011
Ion Ratio Lower Upper
105 100
71 2.4 3.2 4.8#
51 25.7 22.8 34.2
120 22.0 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

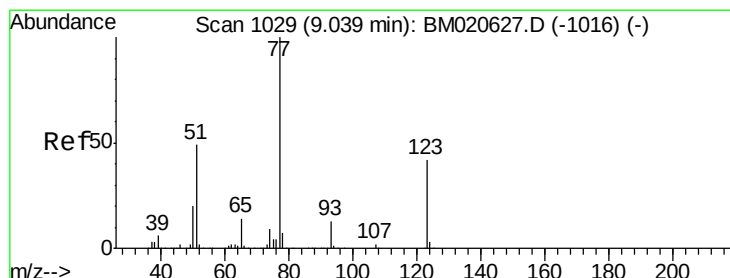
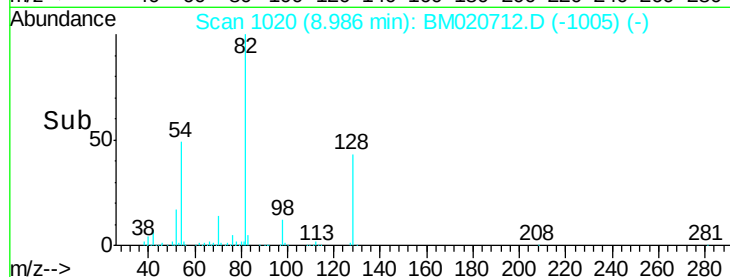
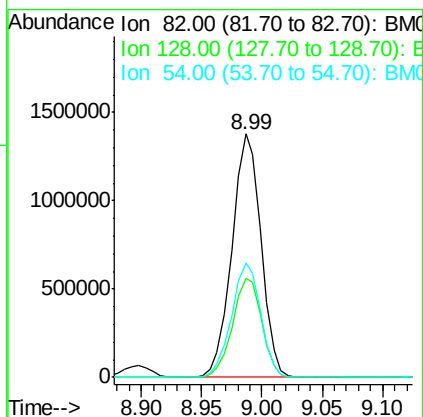
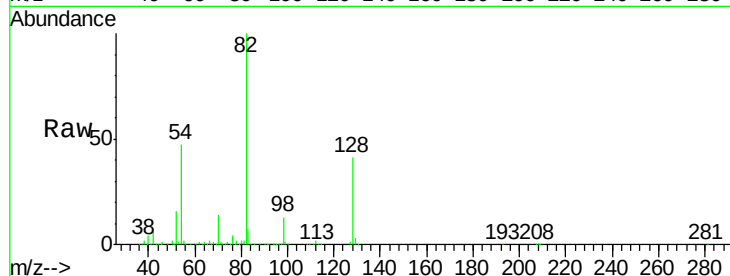




#23
 Nitrobenzene-d5
 Concen: 83.031 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

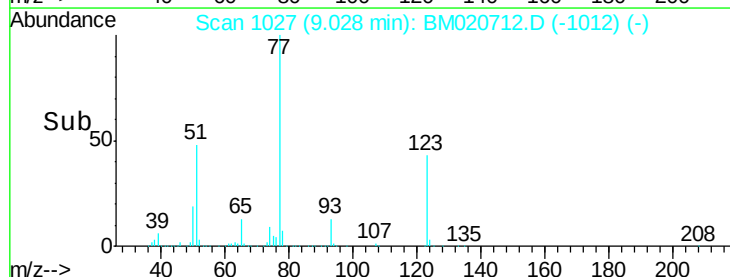
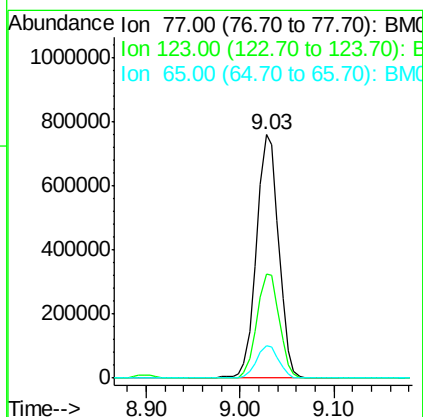
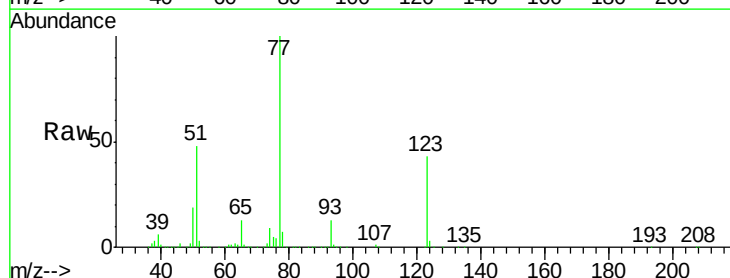
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

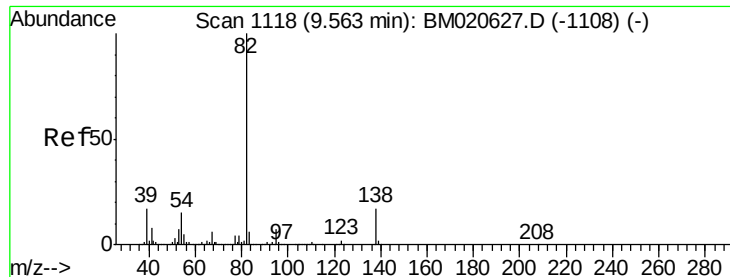
Tgt Ion: 82 Resp: 2309954
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.5 47.3
 54 46.9 39.4 59.0



#24
 Nitrobenzene
 Concen: 43.627 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion: 77 Resp: 1239055
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.7 50.5
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 39.700 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

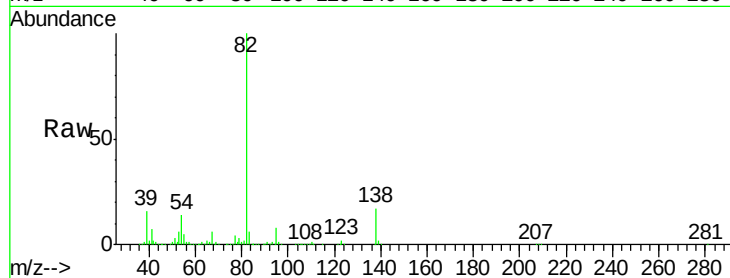
Tgt Ion: 82 Resp: 2197009

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

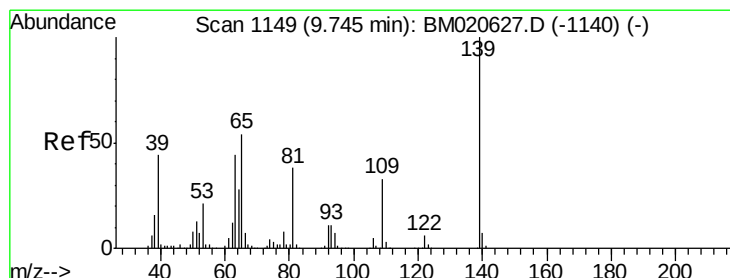
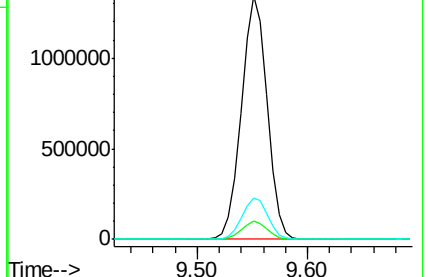
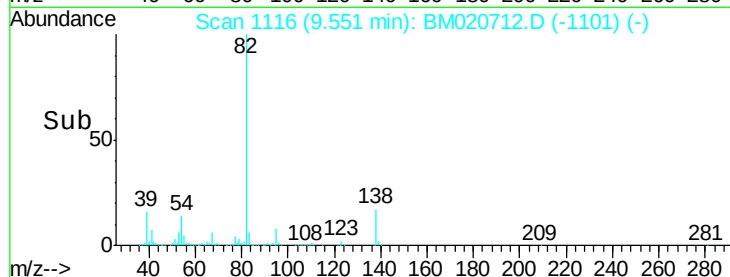
138 17.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020712.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020712.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020712.D (-1116) (-)



#26

2-Nitrophenol

Concen: 51.223 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

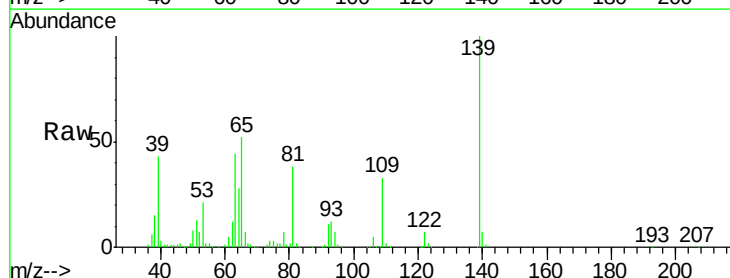
Tgt Ion: 139 Resp: 542193

Ion Ratio Lower Upper

139 100

109 33.4 26.1 39.1

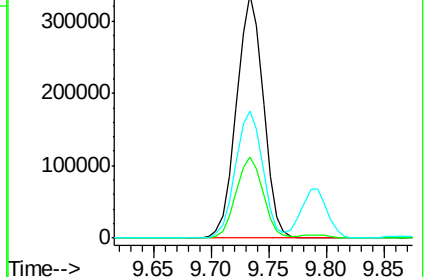
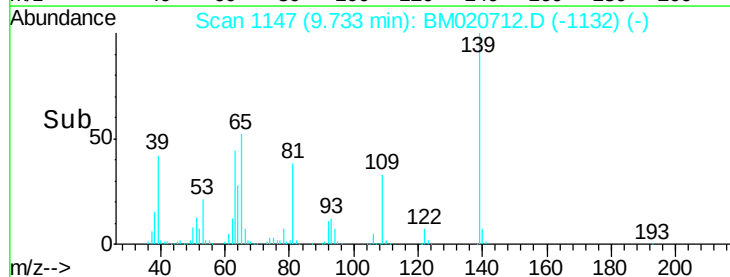
65 52.3 43.4 65.0

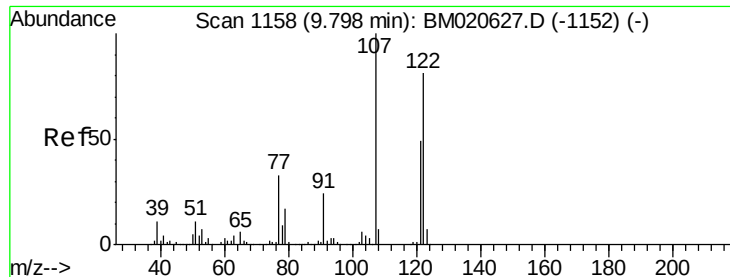


Abundance Ion 139.00 (138.70 to 139.70): BM020712.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020712.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020712.D (-1147) (-)

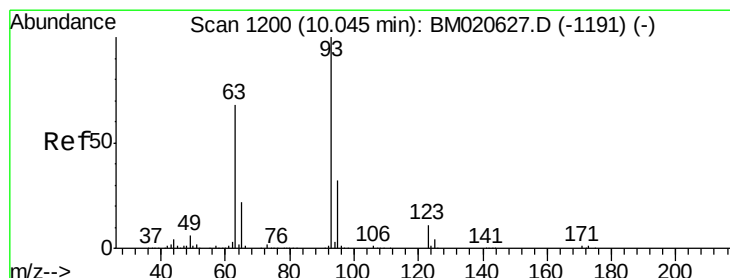
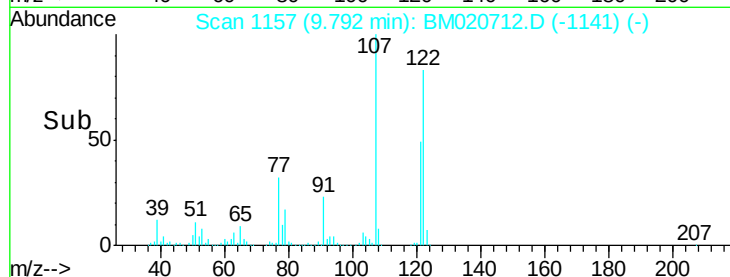
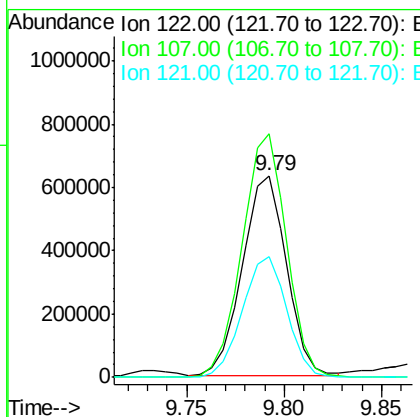
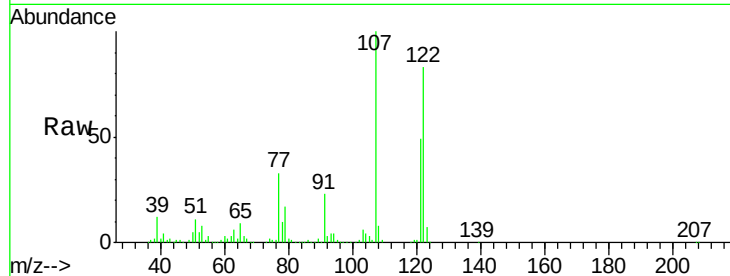




#27
 2,4-Dimethylphenol
 Concen: 49.696 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

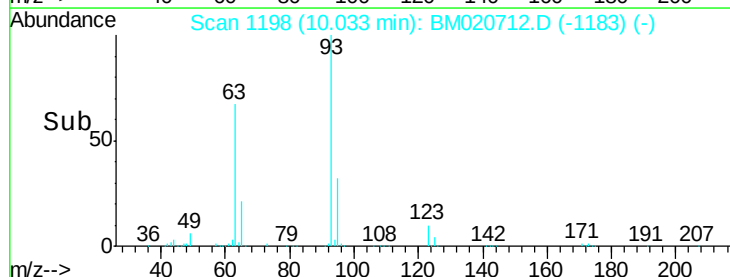
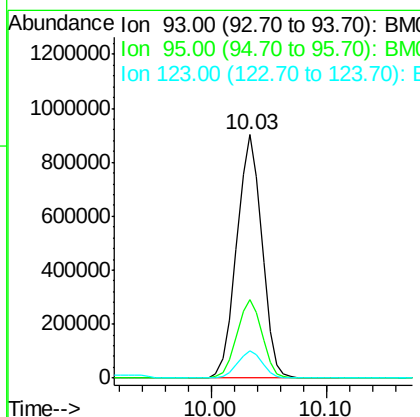
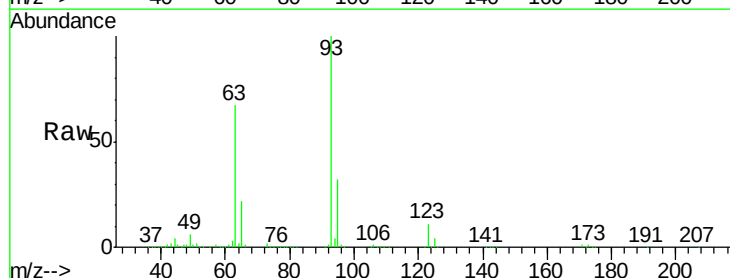
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

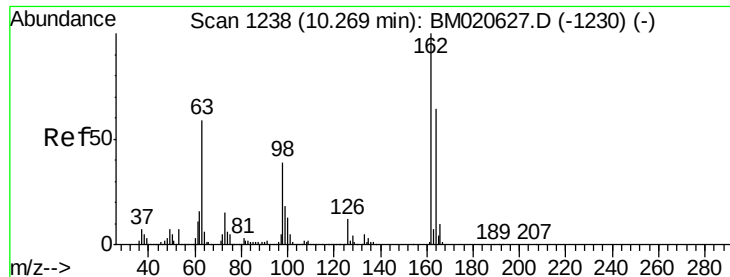
Tgt Ion:122 Resp: 985679
 Ion Ratio Lower Upper
 122 100
 107 120.7 98.0 147.0
 121 59.7 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.797 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion: 93 Resp: 1365088
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 11.2 9.0 13.6

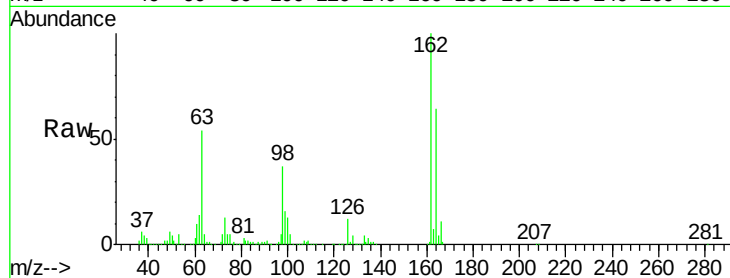




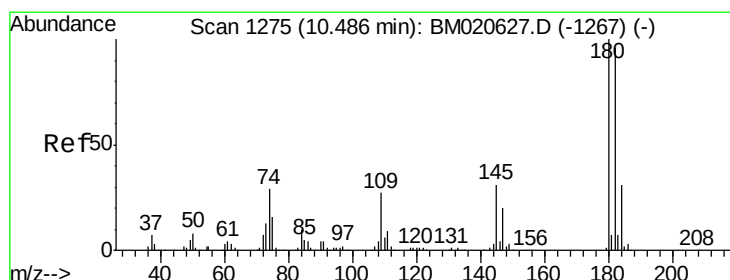
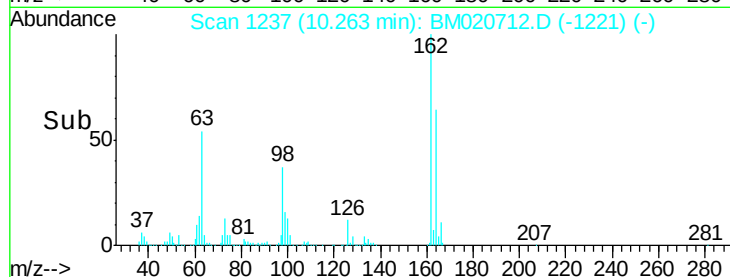
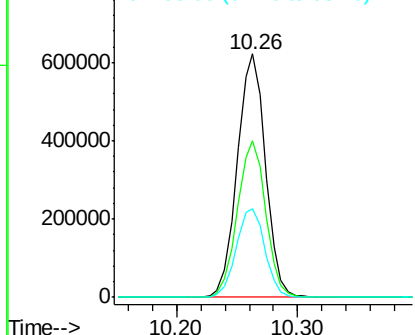
#29
2,4-Dichlorophenol
Concen: 46.251 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:162 Resp: 1014936
Ion Ratio Lower Upper
162 100
164 64.3 43.8 83.8
98 36.6 19.1 59.1

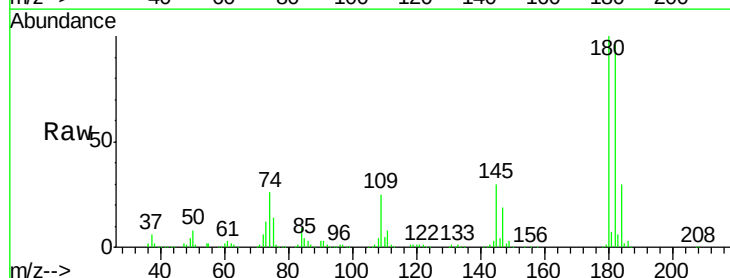


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

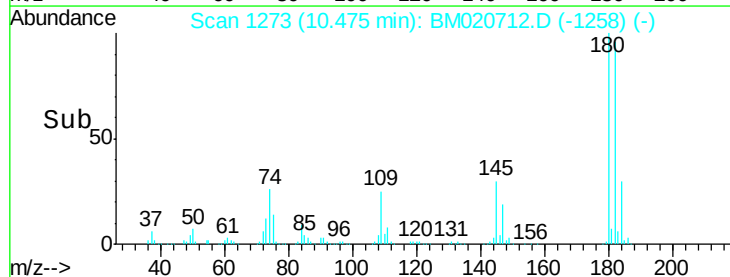
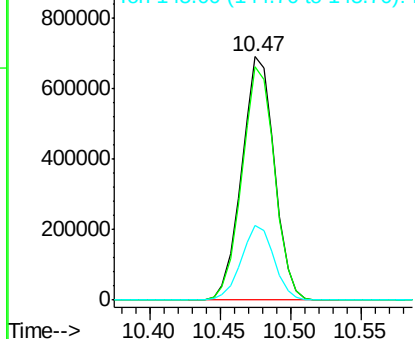


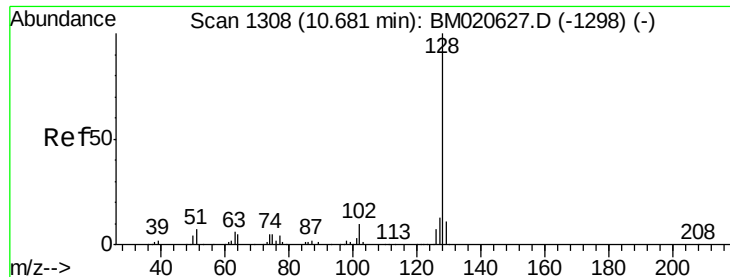
#30
1,2,4-Trichlorobenzene
Concen: 44.287 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:180 Resp: 1117478
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.6
145 30.5 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

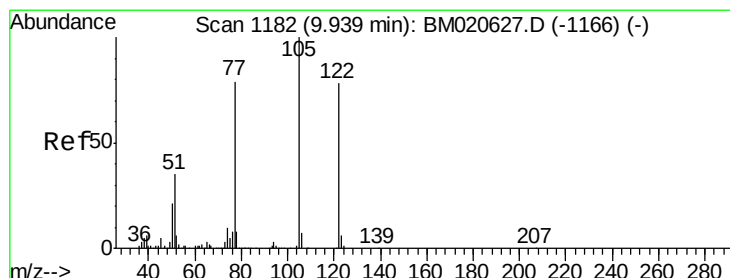
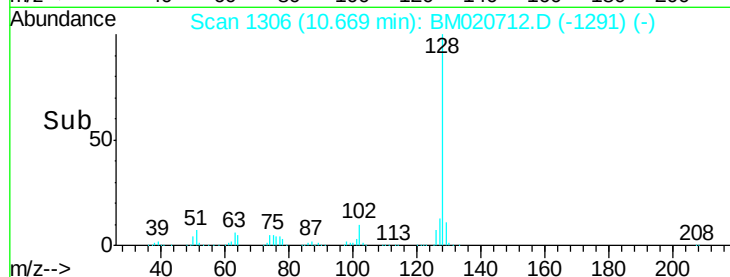
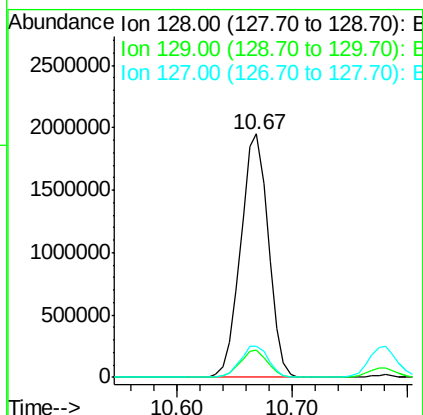
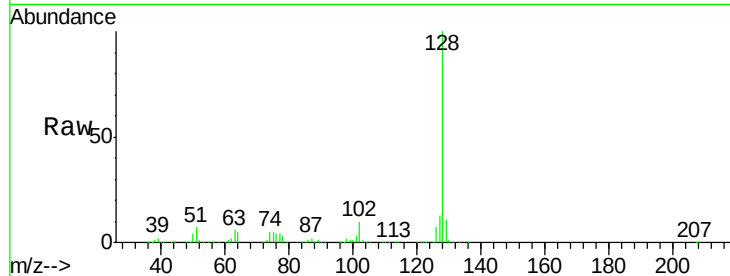




#31
Naphthalene
Concen: 43.841 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

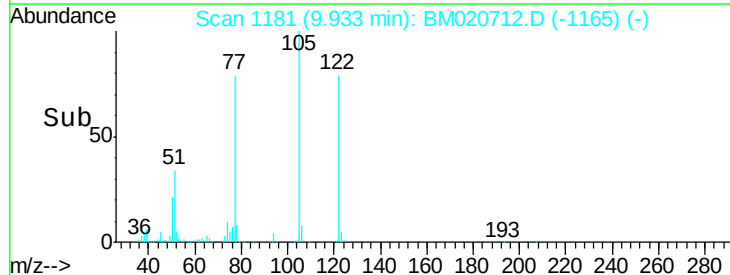
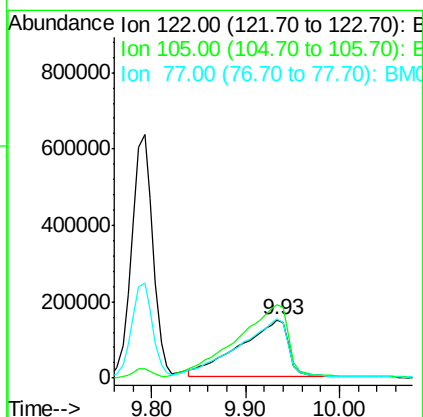
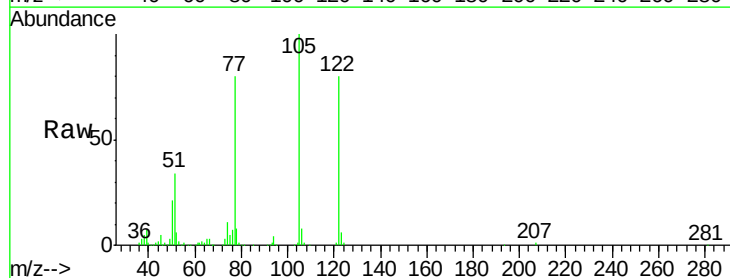
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

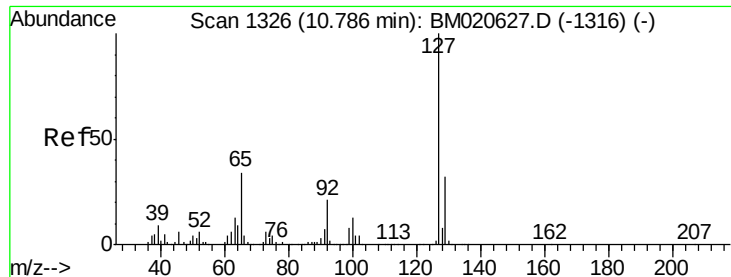
Tgt Ion:128 Resp: 3249587
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 43.098 ng
RT: 9.93 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:122 Resp: 530721
Ion Ratio Lower Upper
122 100
105 125.7 107.0 147.0
77 100.8 80.9 120.9

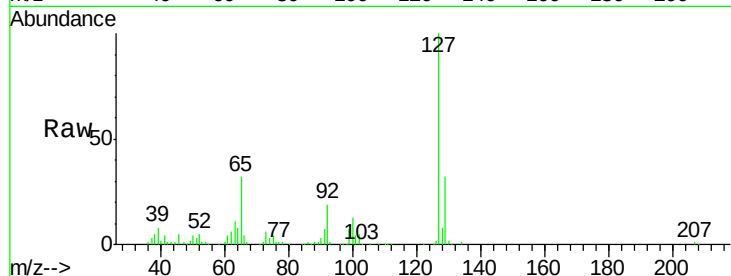




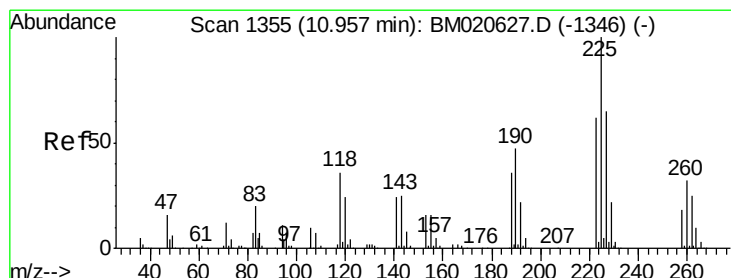
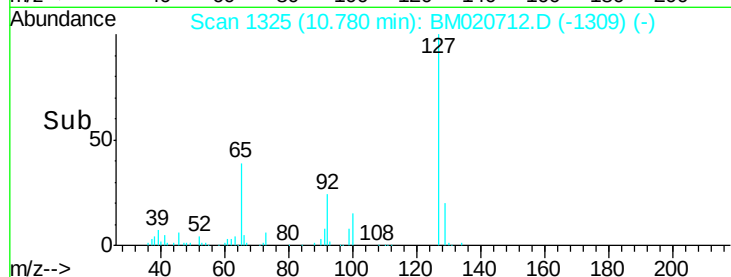
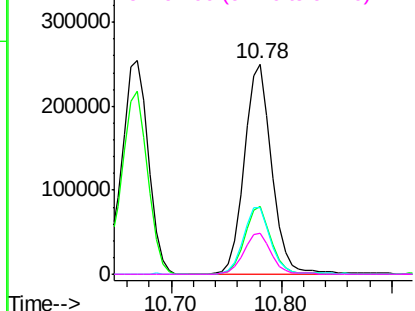
#33
4-Chloroaniline
Concen: 12.619 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:	127	Resp:	435298
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.8	27.4	41.0
92	19.5	17.0	25.6

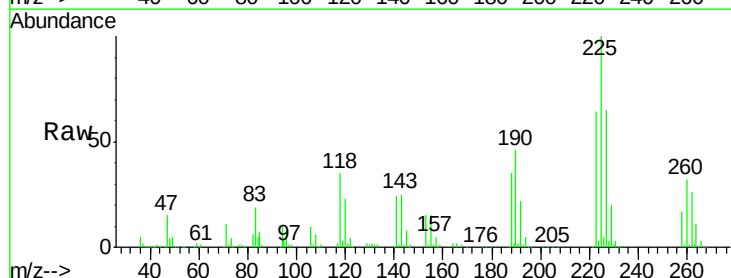


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

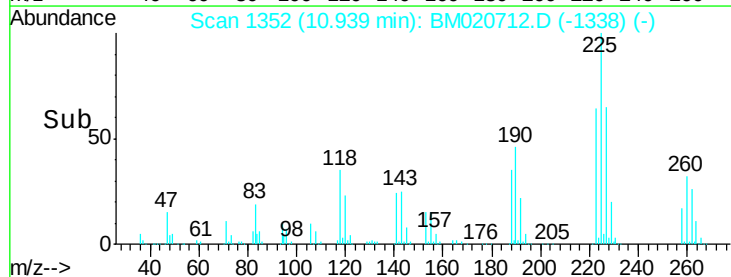
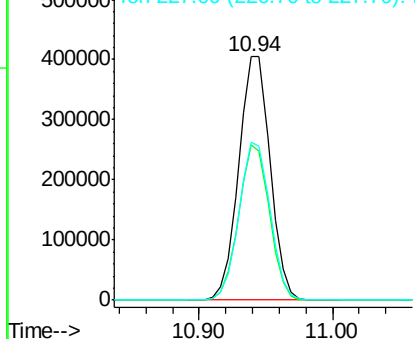


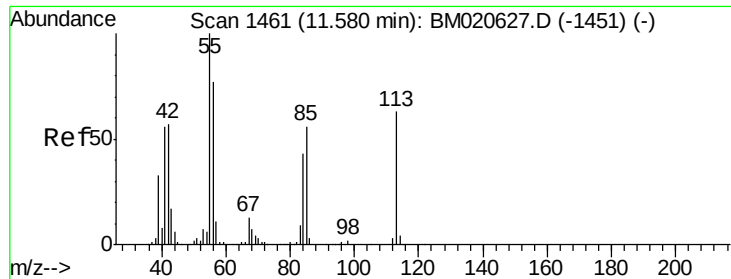
#34
Hexachlorobutadiene
Concen: 43.488 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:	225	Resp:	658406
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	64.7	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

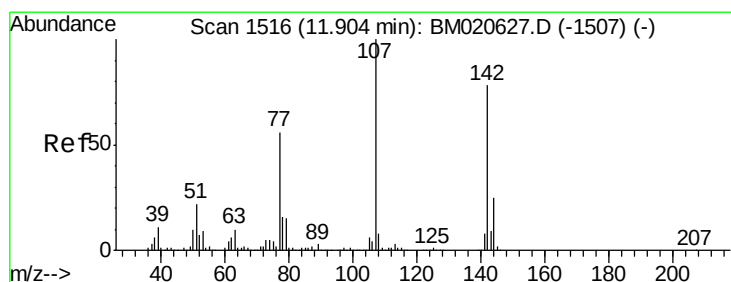
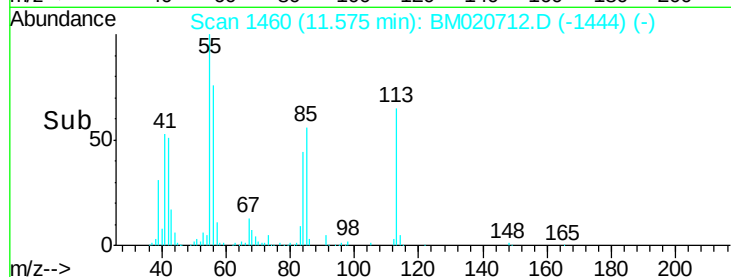
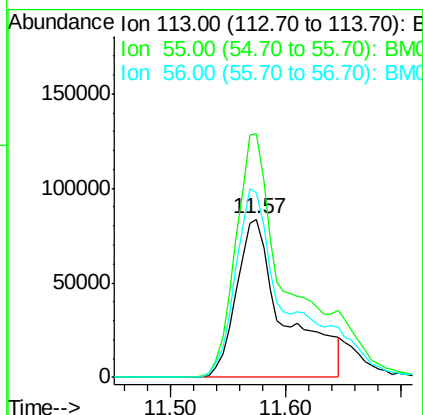
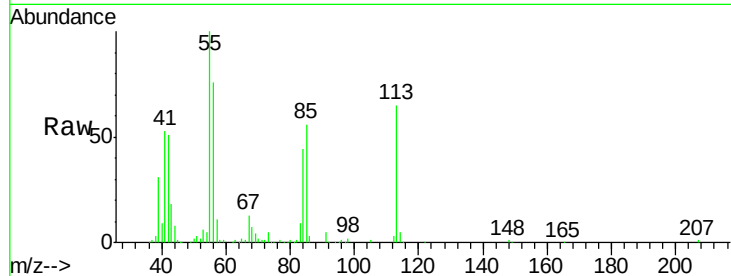




#35
 Caprolactam
 Concen: 31.772 ng
 RT: 11.57 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

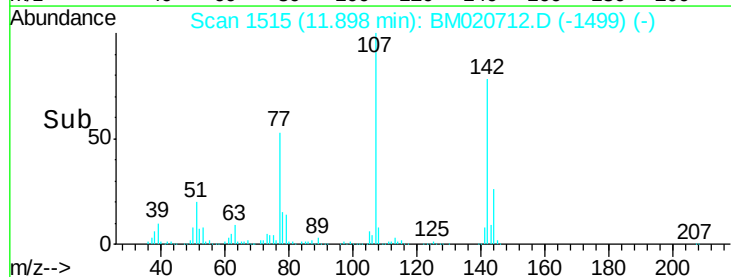
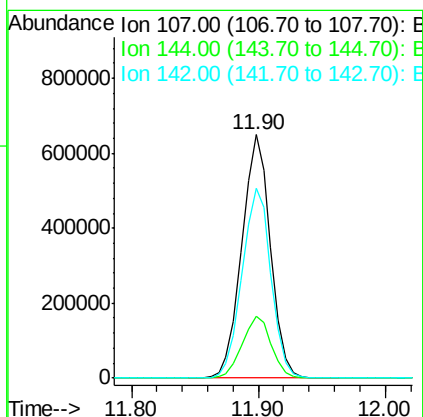
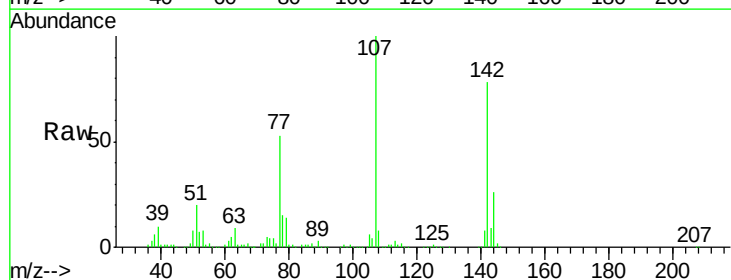
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

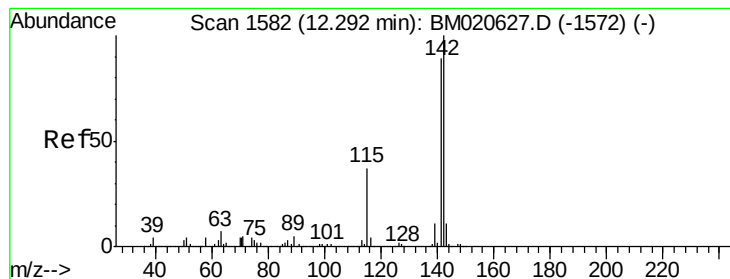
Tgt Ion:113 Resp: 242213
 Ion Ratio Lower Upper
 113 100
 55 154.3 138.6 178.6
 56 117.3 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.782 ng
 RT: 11.90 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:107 Resp: 1014994
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.3 30.5
 142 77.9 62.6 93.8





#37

2-Methylnaphthalene

Concen: 42.448 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

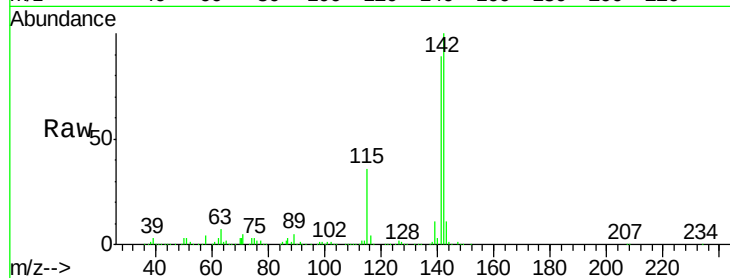
Tgt Ion:142 Resp: 2332137

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4

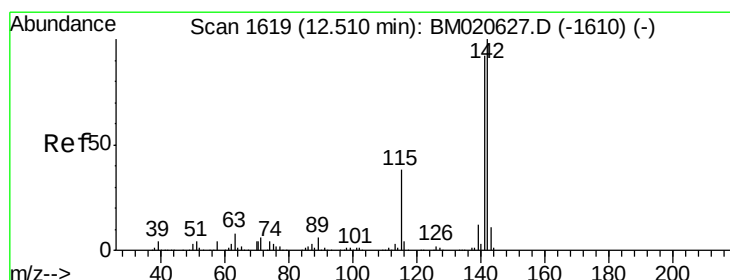
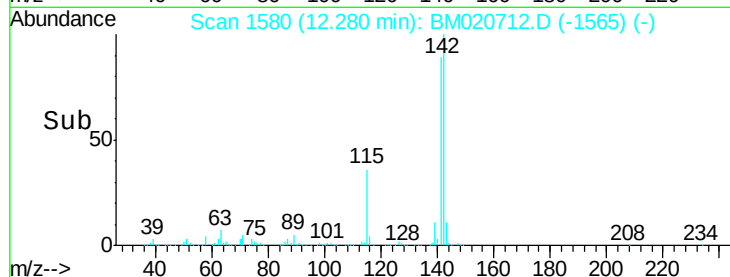
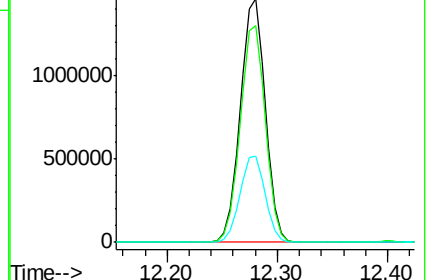
115 35.6 29.6 44.4



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: 42.170 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

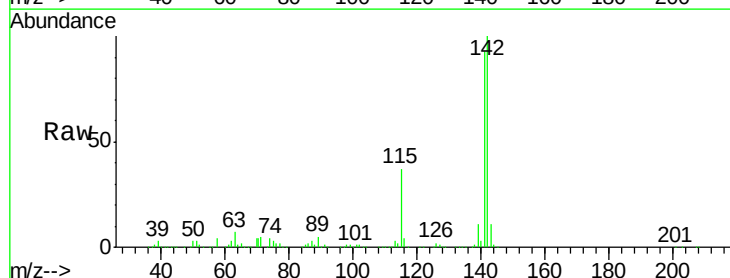
Tgt Ion:142 Resp: 2206100

Ion Ratio Lower Upper

142 100

141 92.6 73.9 110.9

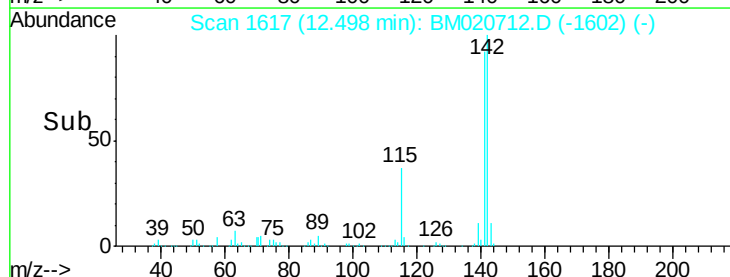
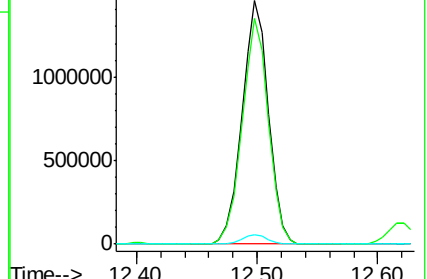
116 4.0 3.2 4.8

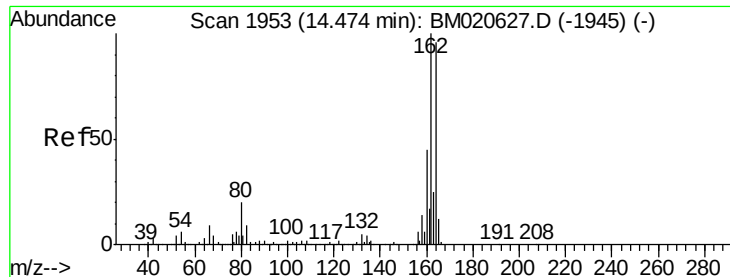


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

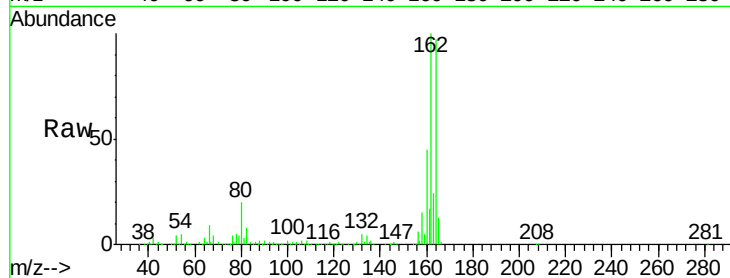
Tgt Ion:164 Resp: 739648

Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

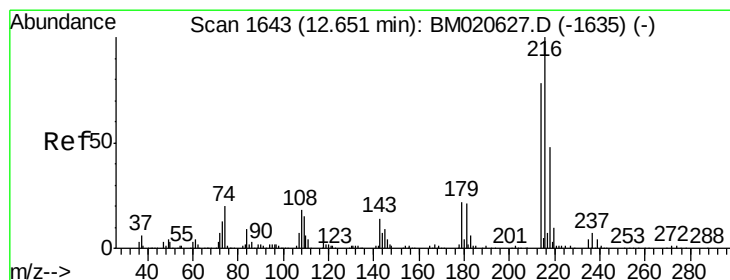
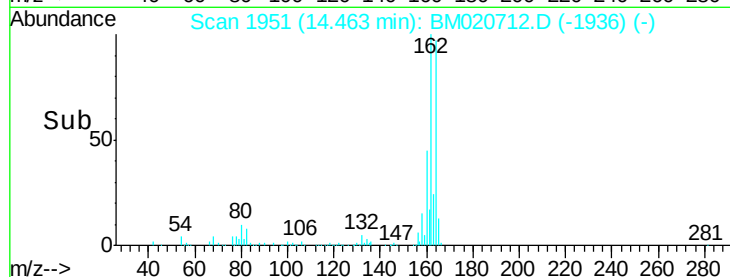
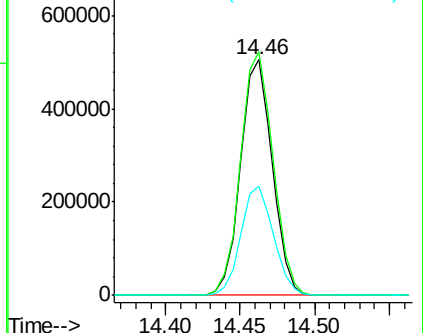
160 46.4 37.5 56.3



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: 49.476 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:216 Resp: 1199249

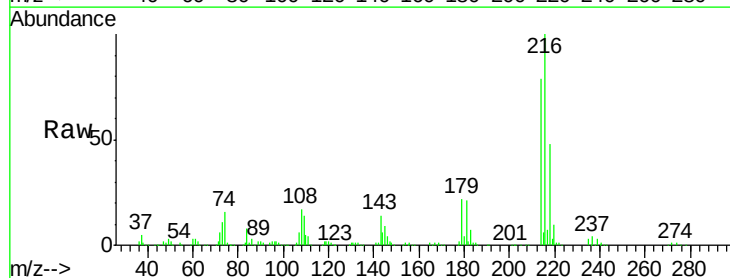
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.9 17.9 26.9

108 20.9 16.2 24.2

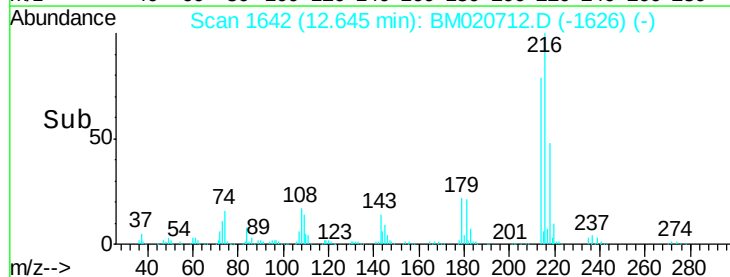
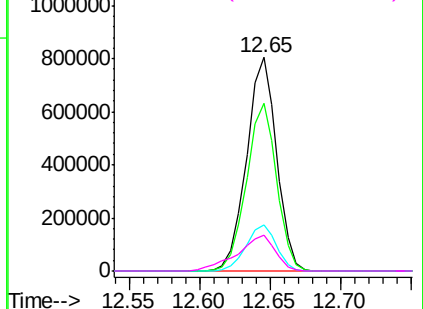


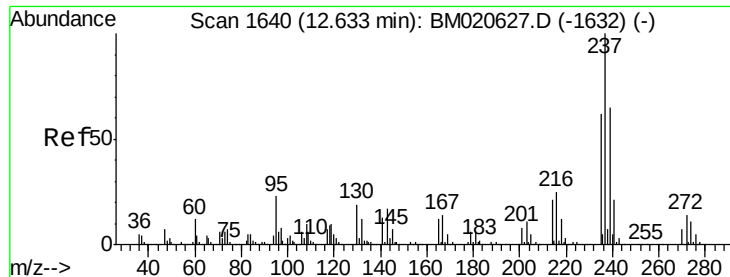
Abundance Ion 216.00 (215.70 to 216.70): E

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: 108.142 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

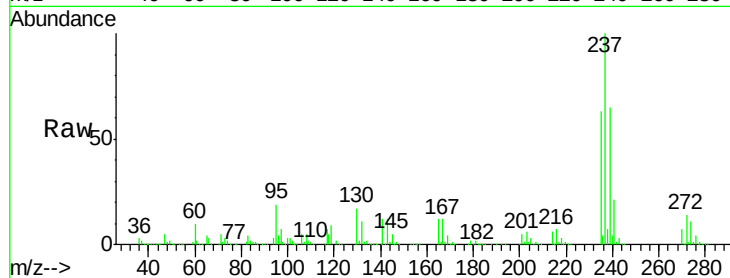
Tgt Ion:237 Resp: 1567702

Ion Ratio Lower Upper

237 100

235 62.8 42.1 82.1

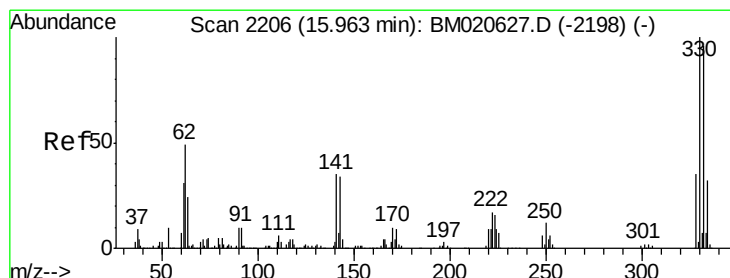
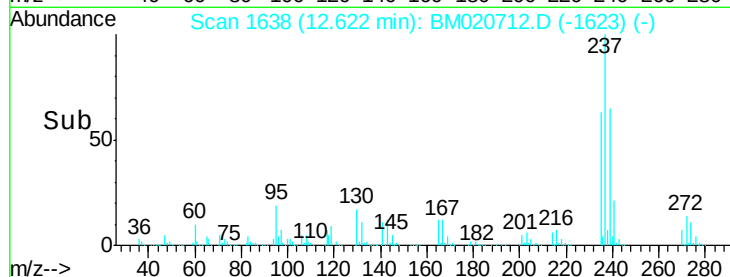
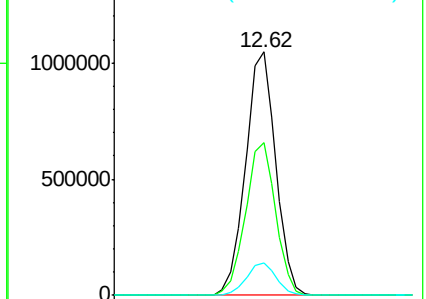
272 13.5 0.0 33.5



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: 133.677 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

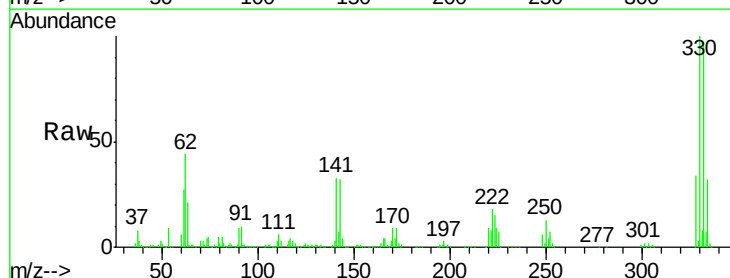
Tgt Ion:330 Resp: 1225037

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

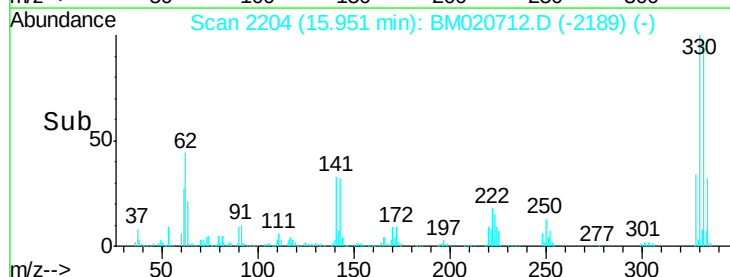
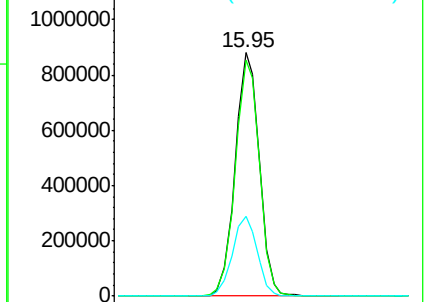
141 33.8 30.4 45.6

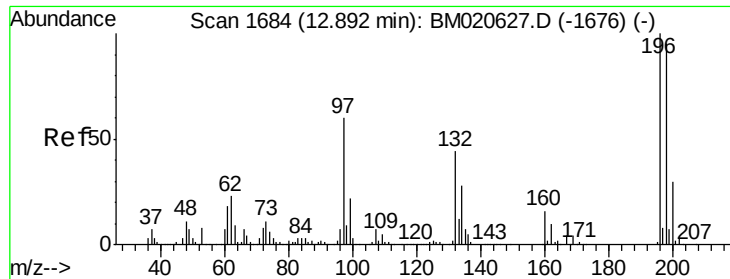


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

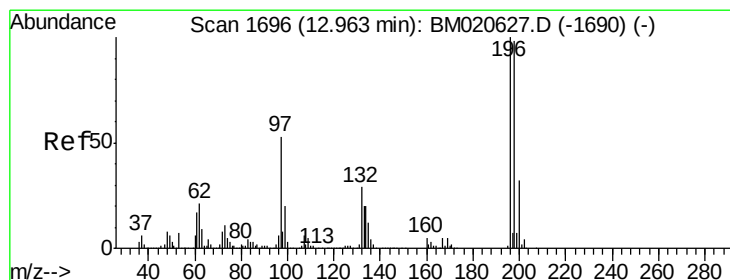
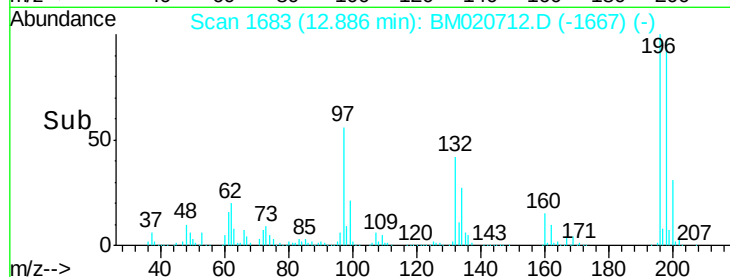
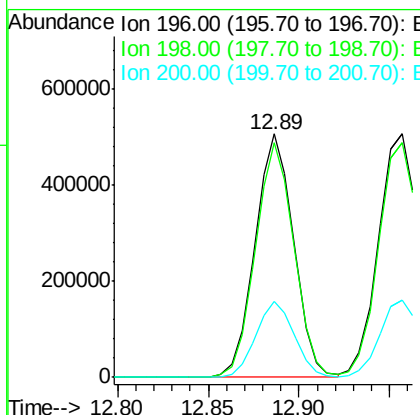
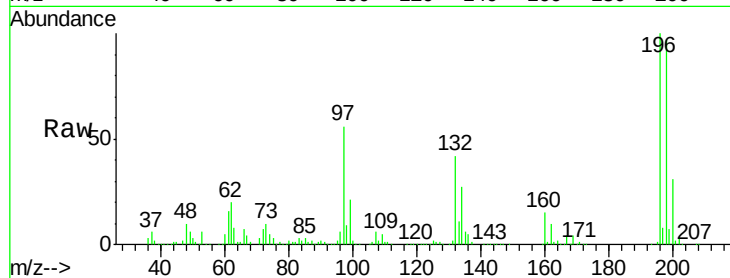




#43
 2,4,6-Trichlorophenol
 Concen: 47.958 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

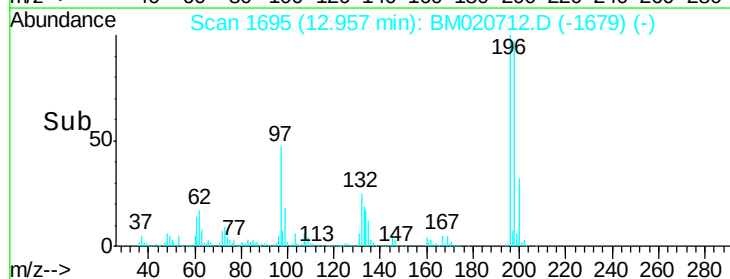
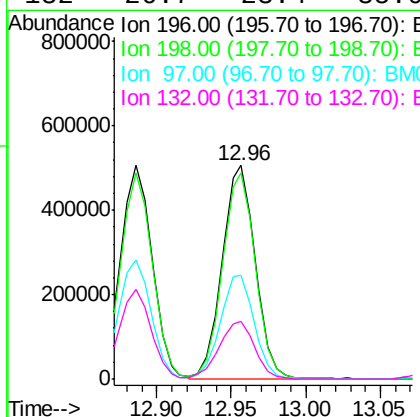
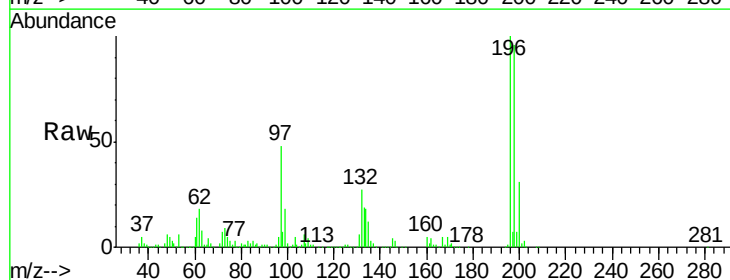
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

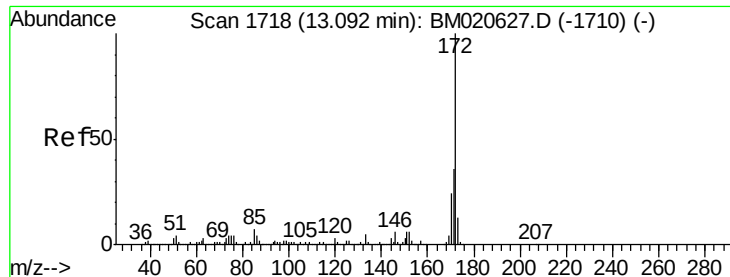
Tgt Ion:196 Resp: 748245
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.4 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.325 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:196 Resp: 778402
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.6 117.8
 97 48.3 42.7 64.1
 132 26.7 23.4 35.0

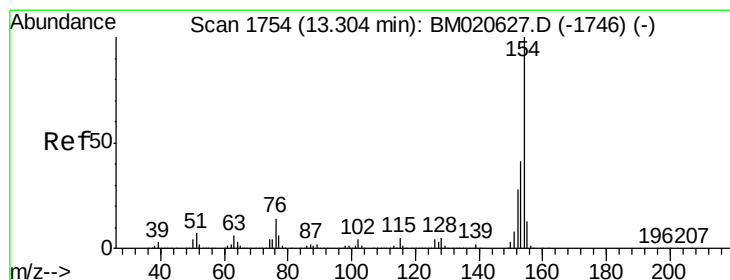
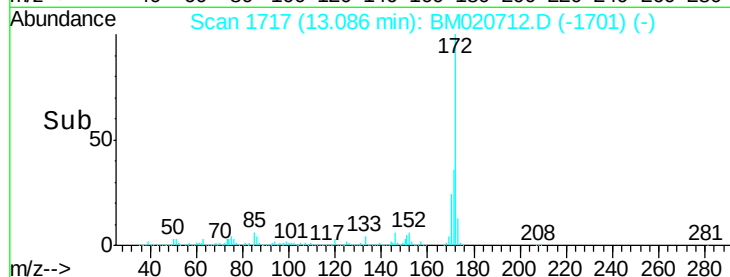
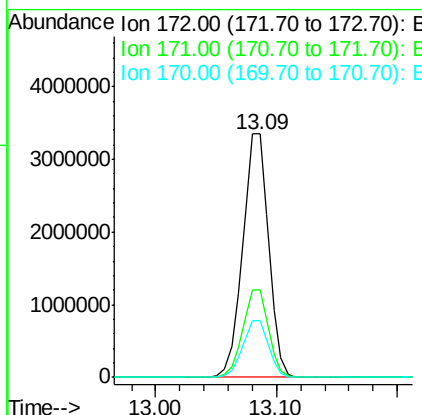
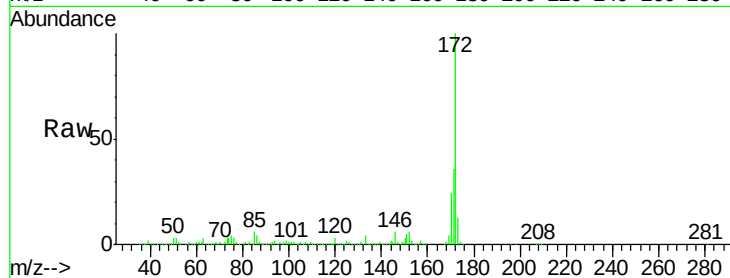




#45
2-Fluorobiphenyl
Concen: 90.266 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

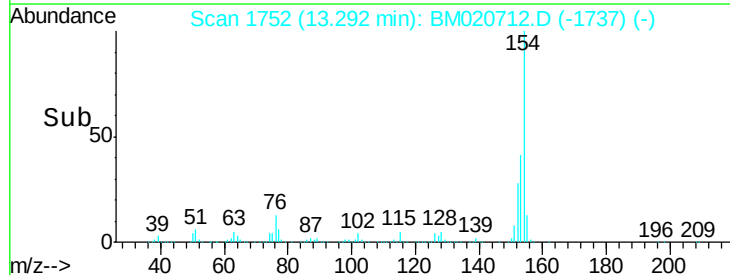
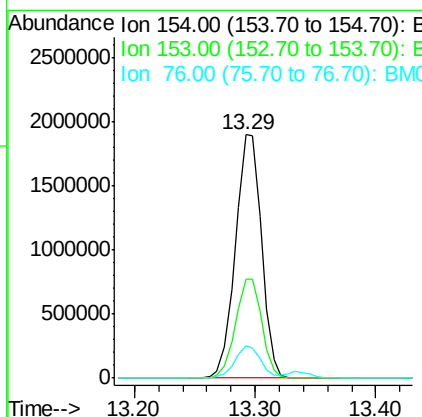
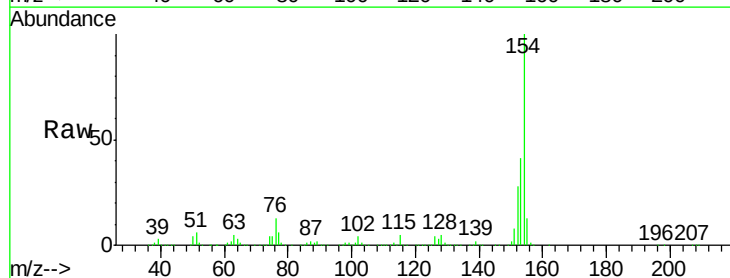
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

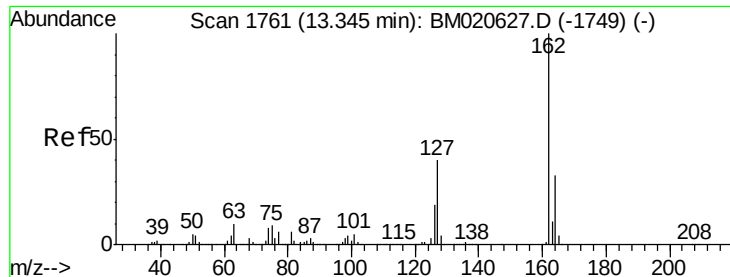
Tgt Ion:172 Resp: 5022021
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.305 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:154 Resp: 2860422
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 13.2 0.0 34.0

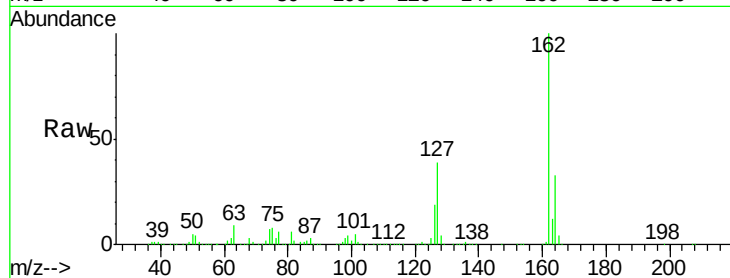




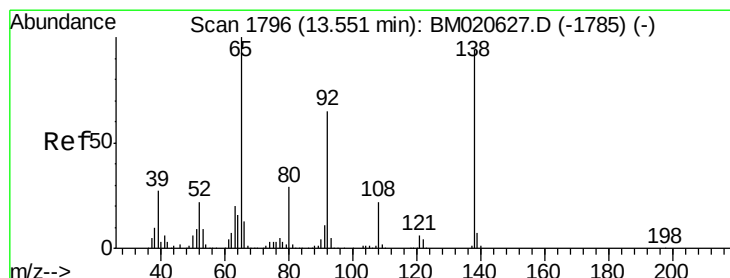
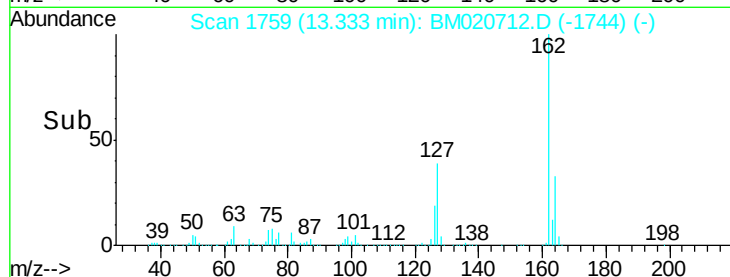
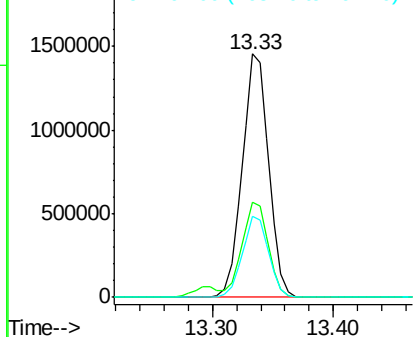
#47
 2-Chloronaphthalene
 Concen: 44.304 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion:162 Resp: 2208837
 Ion Ratio Lower Upper
 162 100
 127 39.3 32.1 48.1
 164 33.1 26.6 39.8

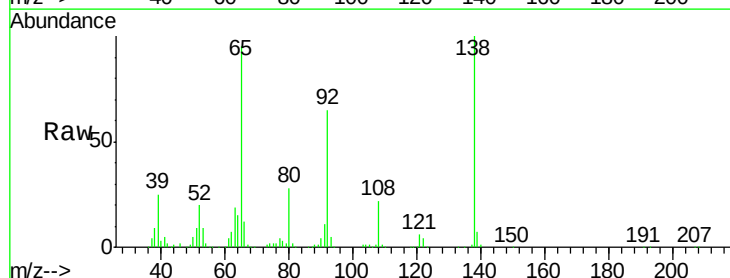


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

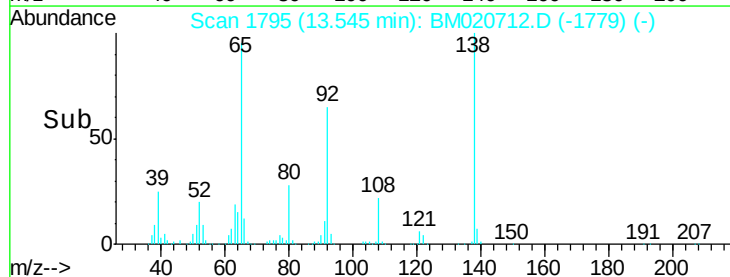
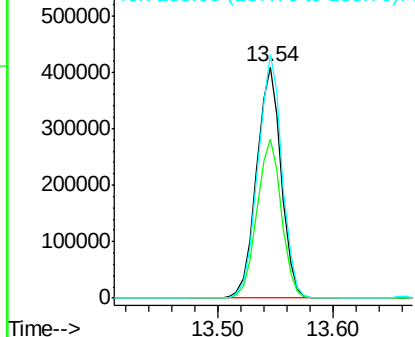


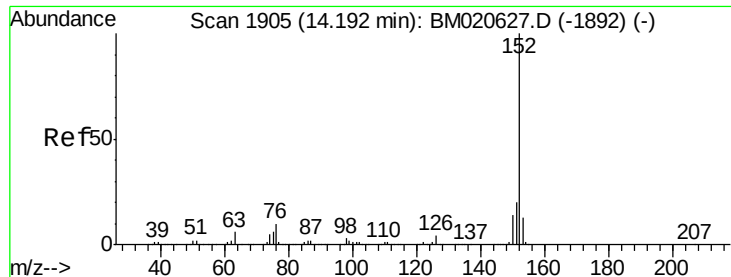
#48
 2-Nitroaniline
 Concen: 38.711 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion: 65 Resp: 605757
 Ion Ratio Lower Upper
 65 100
 92 68.8 52.2 78.4
 138 105.3 75.4 113.0



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





#49

Acenaphthylene

Concen: 43.790 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

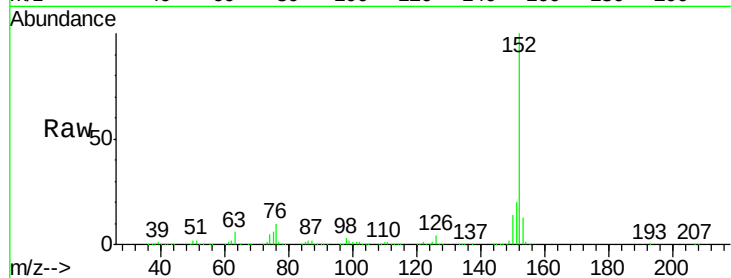
BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:152 Resp: 3406437

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.9	10.6	15.8

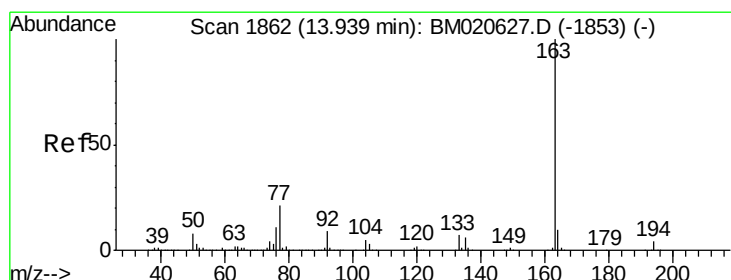
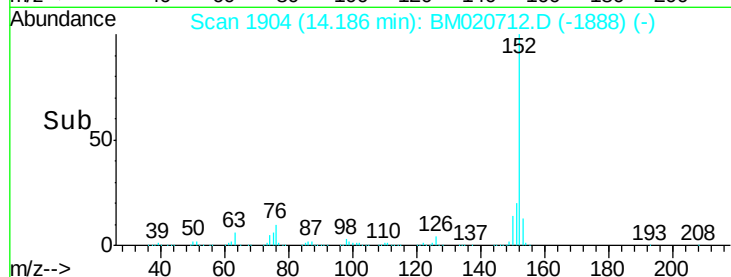
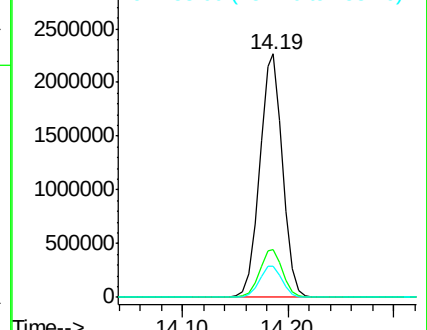


Abundance

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: 40.368 ng

RT: 13.93 min Scan# 1860

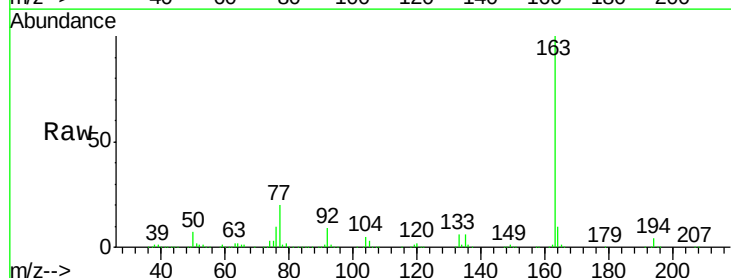
Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:163 Resp: 2550935

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	7.9	11.9

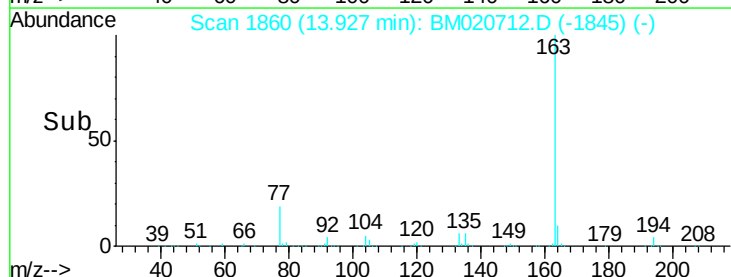
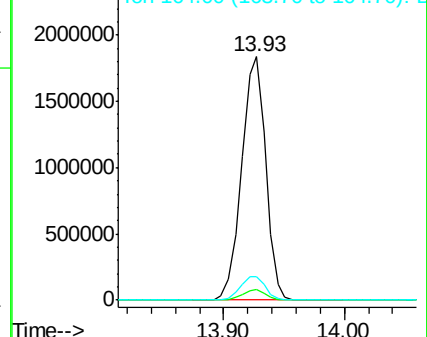


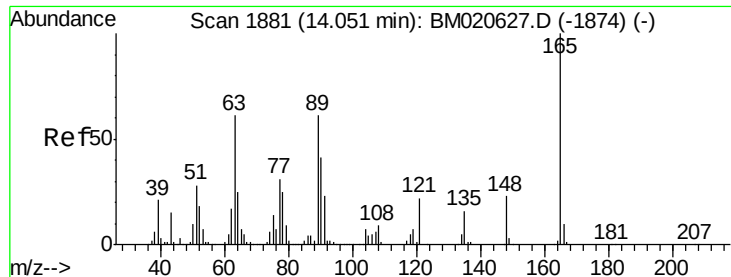
Abundance

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

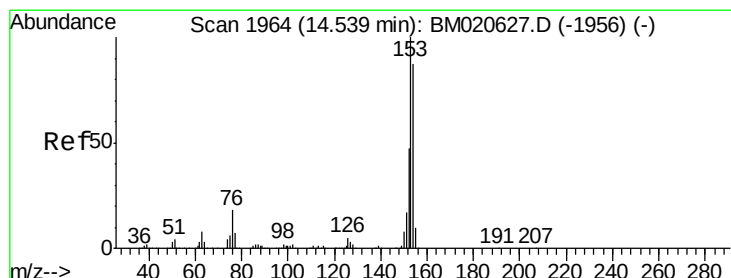
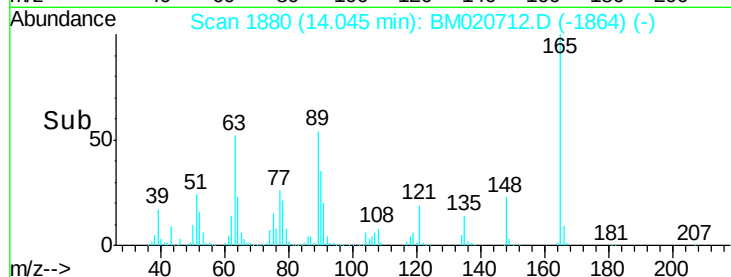
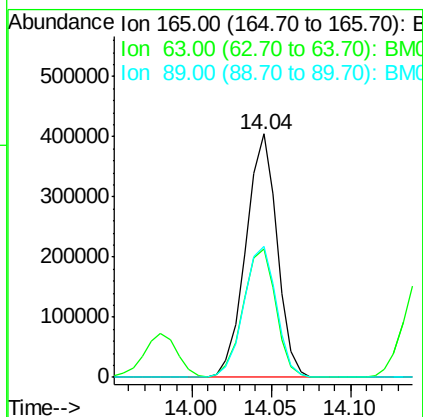
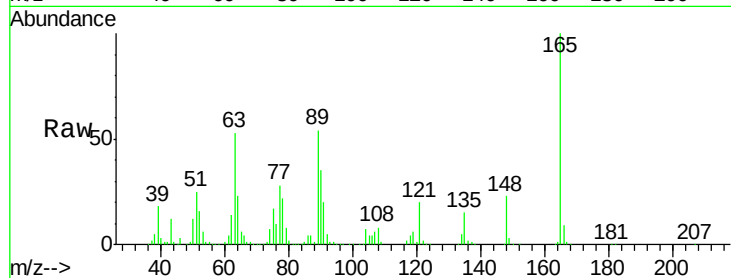




#51
2,6-Dinitrotoluene
Concen: 43.075 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

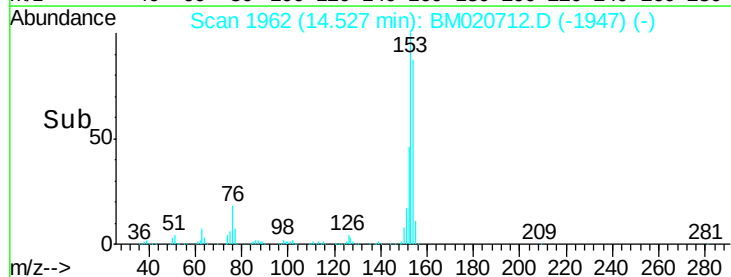
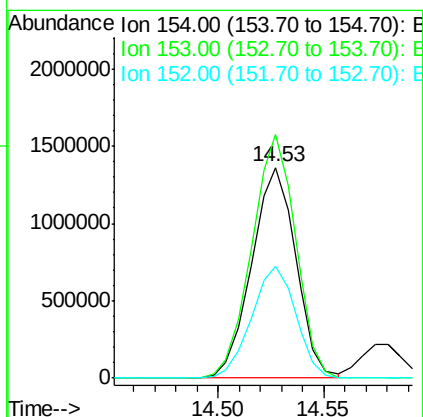
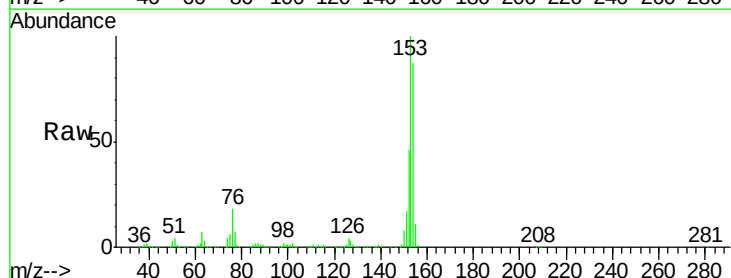
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

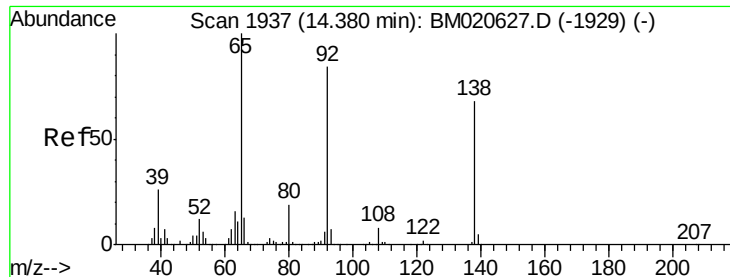
Tgt Ion:165 Resp: 552698
Ion Ratio Lower Upper
165 100
63 52.6 50.4 75.6
89 53.9 49.1 73.7



#52
Acenaphthene
Concen: 42.843 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:154 Resp: 1986116
Ion Ratio Lower Upper
154 100
153 115.5 92.4 138.6
152 53.3 43.4 65.0

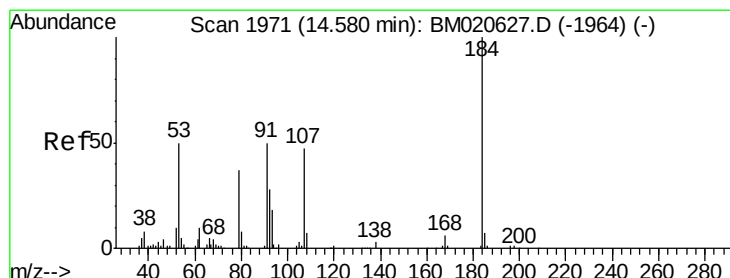
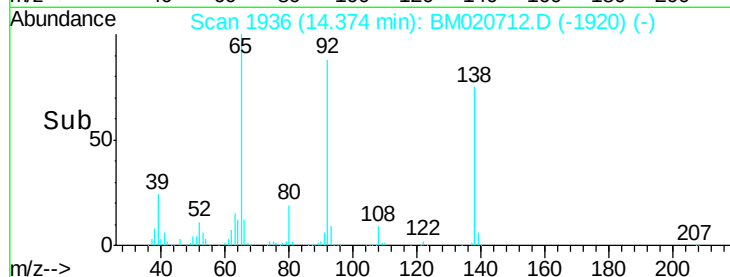
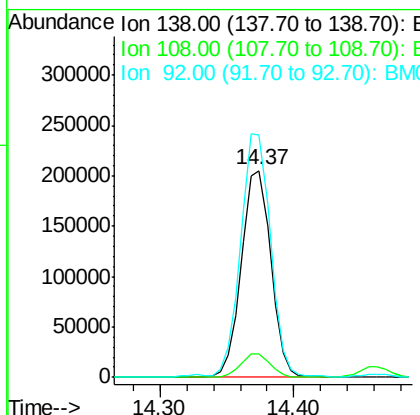
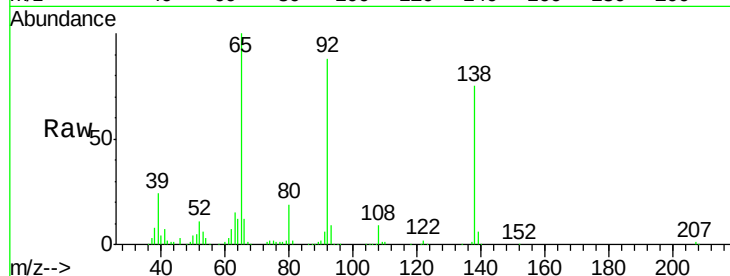




#53
 3-Nitroaniline
 Concen: 21.906 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

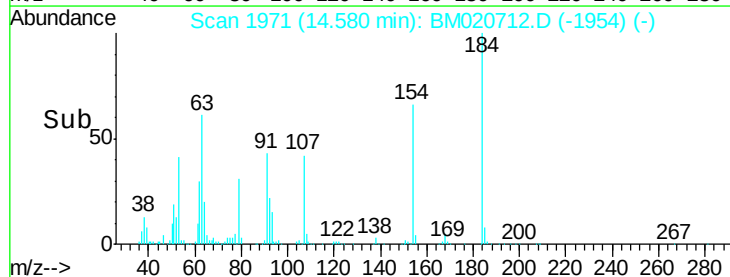
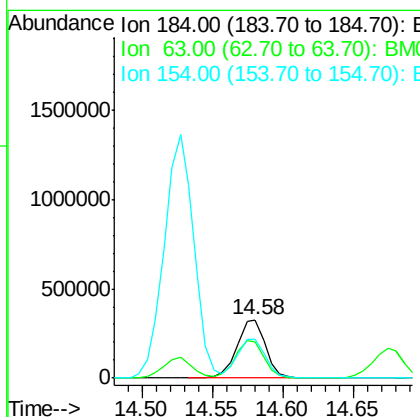
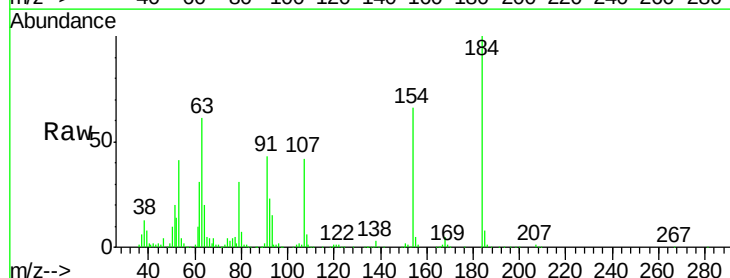
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

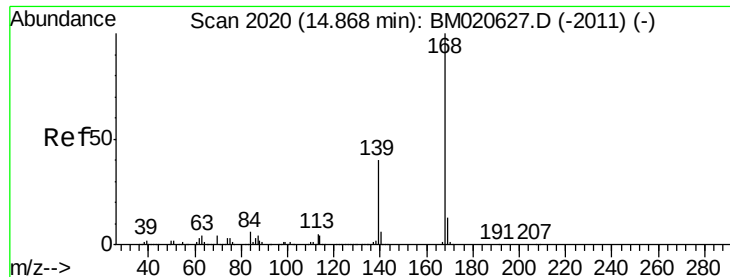
Tgt Ion:138 Resp: 313730
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.5 14.3
 92 117.2 99.6 149.4



#54
 2,4-Dinitrophenol
 Concen: 83.089 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:184 Resp: 460356
 Ion Ratio Lower Upper
 184 100
 63 61.4 59.3 88.9
 154 65.8 56.5 84.7





#55

Dibenzofuran

Concen: 42.759 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampled :

PB119943BSD

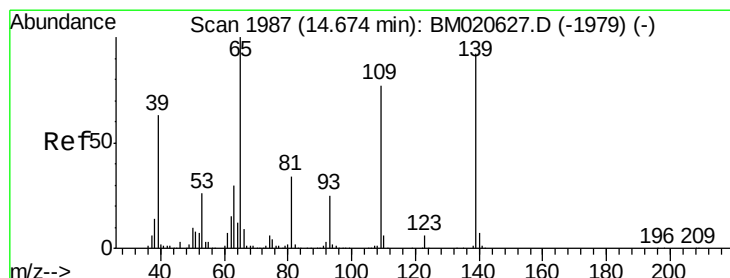
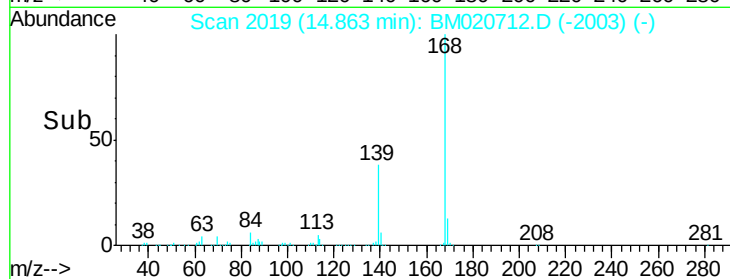
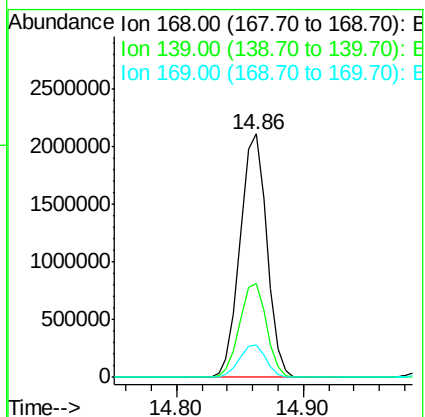
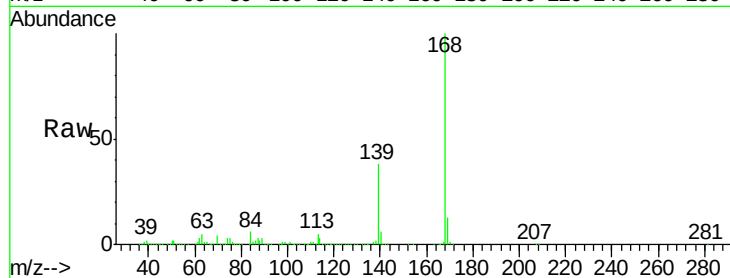
Tgt Ion:168 Resp: 3078681

Ion Ratio Lower Upper

168 100

139 38.4 31.9 47.9

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 78.996 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

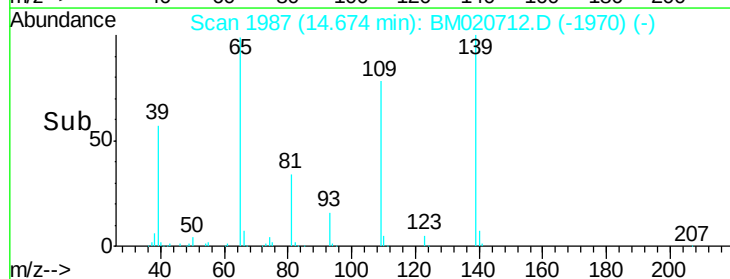
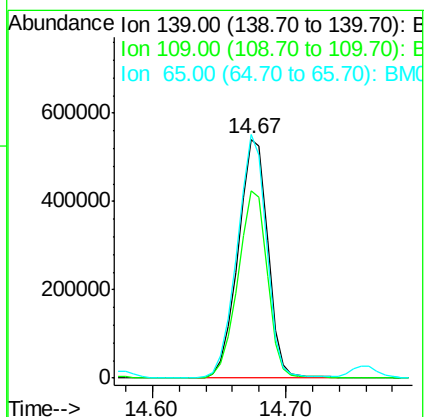
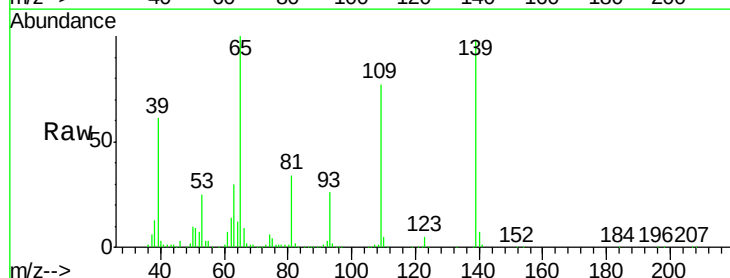
Tgt Ion:139 Resp: 833702

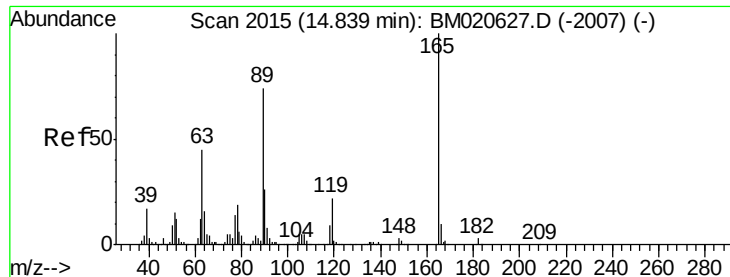
Ion Ratio Lower Upper

139 100

109 78.3 62.7 102.7

65 102.0 88.3 128.3

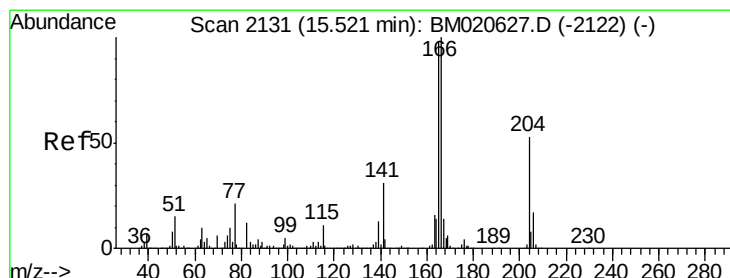
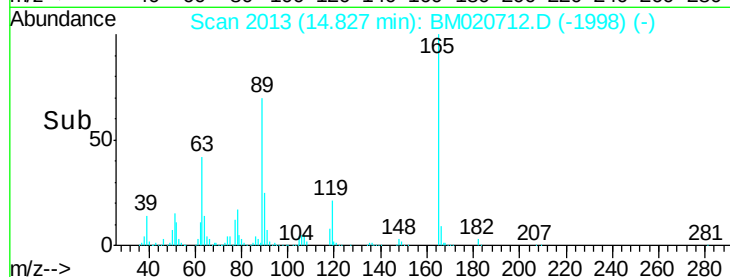
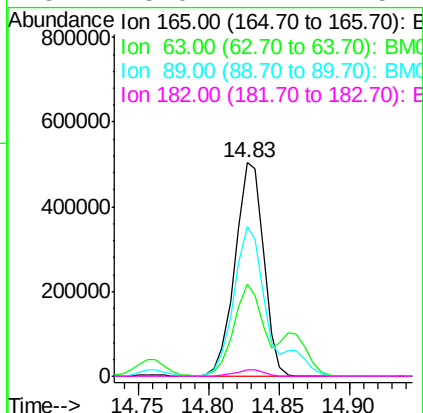
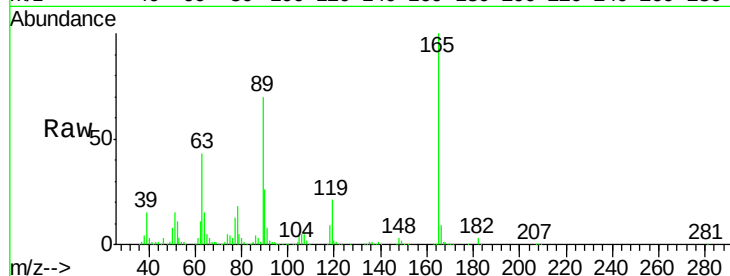




#57
2,4-Dinitrotoluene
Concen: 41.318 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

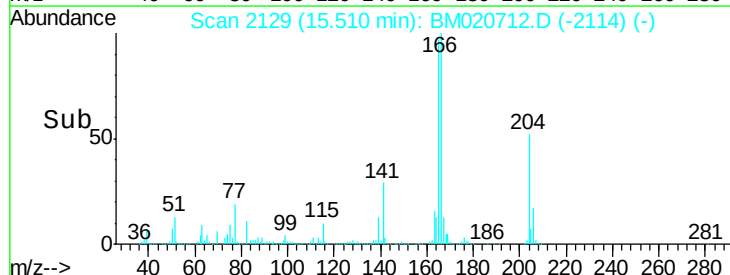
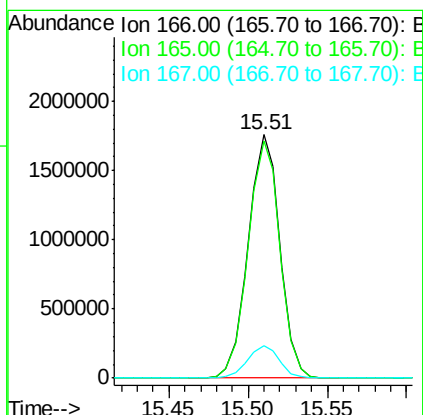
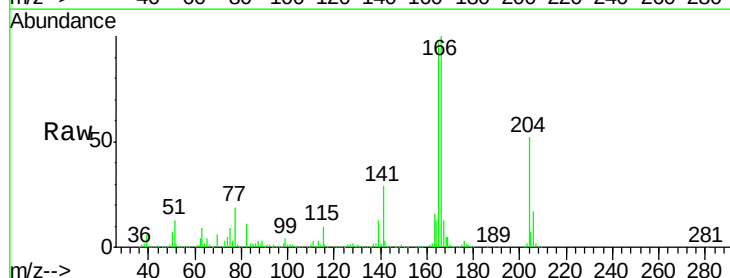
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

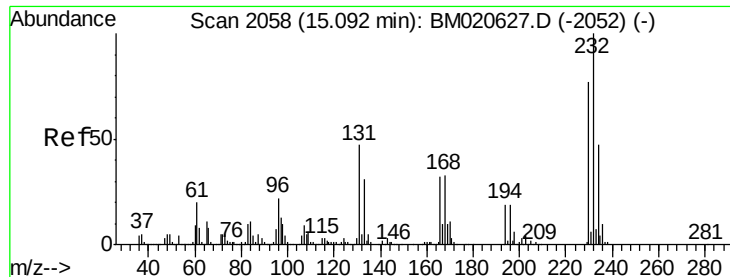
Tgt Ion:	165	Resp:	709853
Ion	Ratio	Lower	Upper
165	100		
63	43.2	36.3	54.5
89	70.3	59.0	88.6
182	3.0	2.2	3.4



#58
Fluorene
Concen: 41.050 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:	166	Resp:	2430569
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.3	11.0	16.4

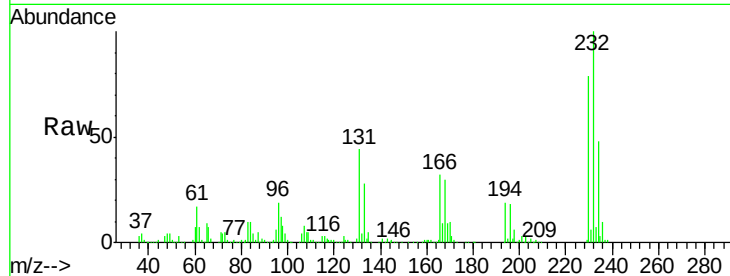




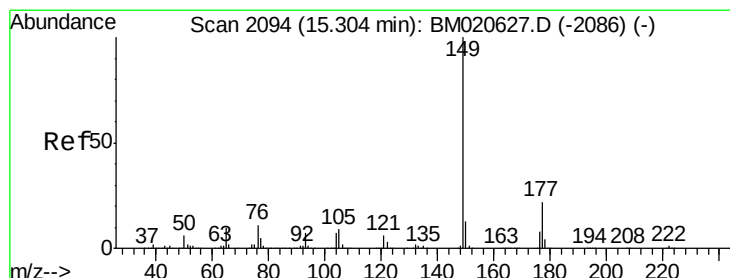
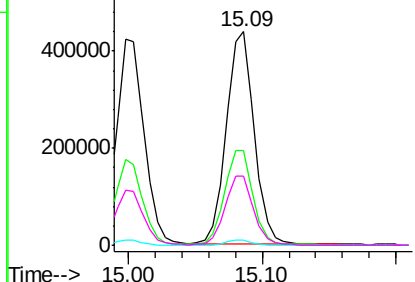
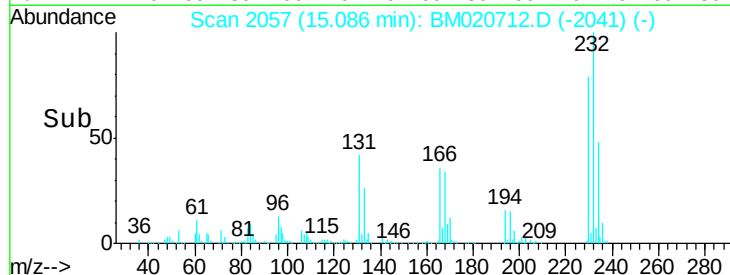
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.656 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:232 Resp: 640818
Ion Ratio Lower Upper
232 100
131 45.6 38.6 57.8
130 2.5 2.2 3.2
166 32.9 26.6 39.8

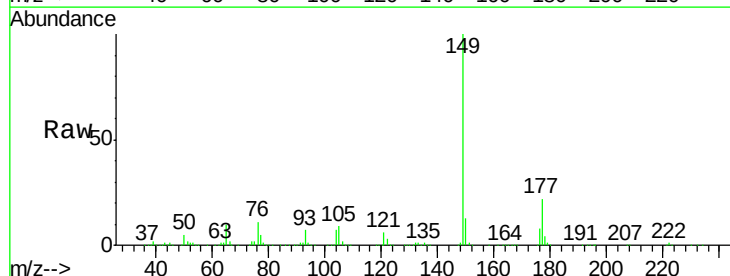


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

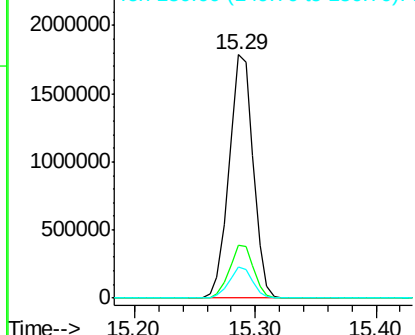
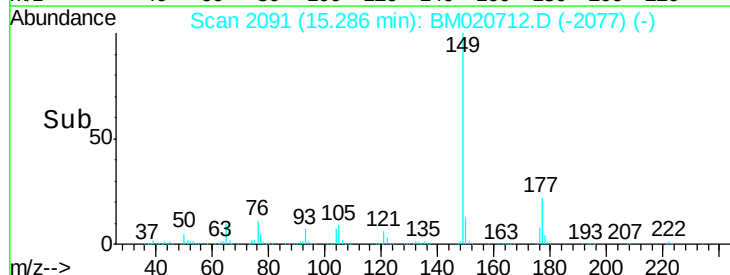


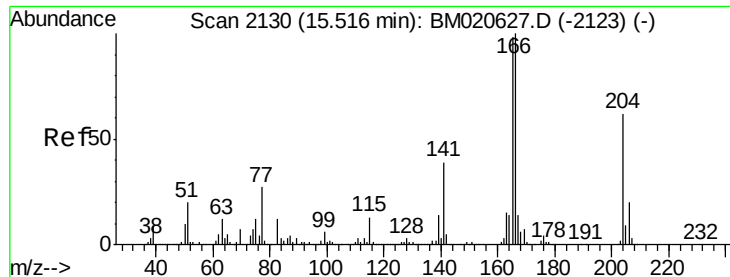
#60
Diethylphthalate
Concen: 37.994 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:149 Resp: 2476170
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.7 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

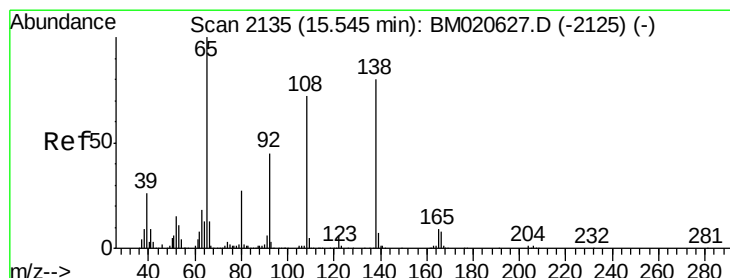
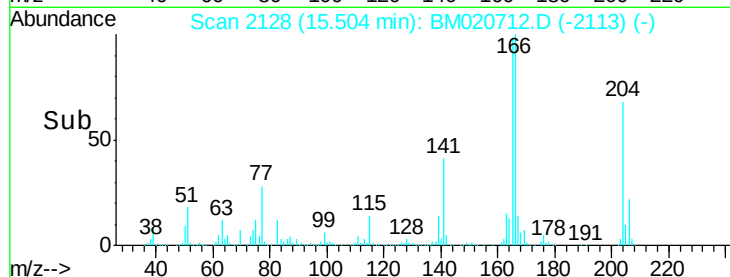
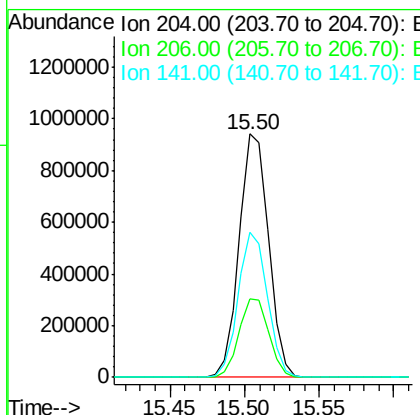
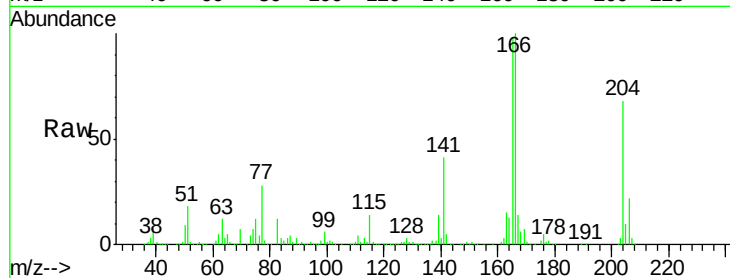




#61
 4-Chlorophenyl-phenylether
 Concen: 41.116 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

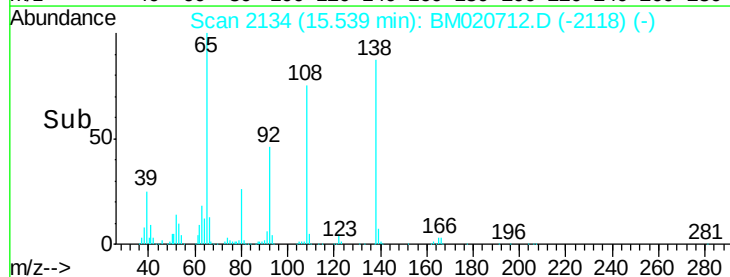
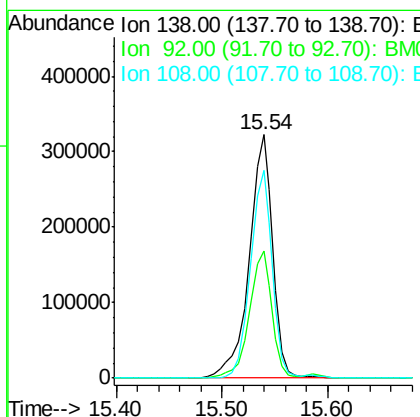
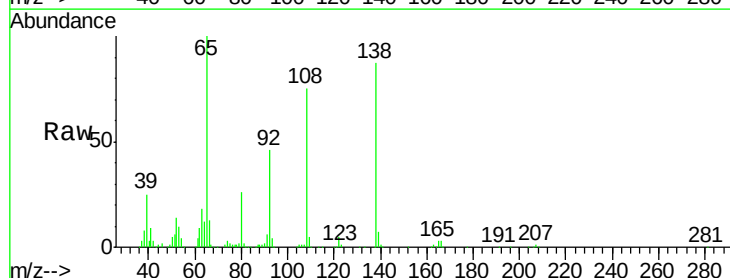
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

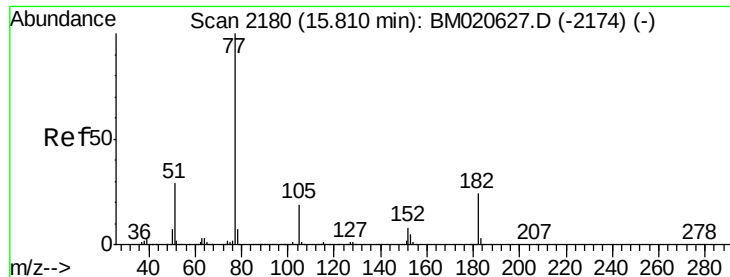
Tgt Ion:204 Resp: 1289009
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.8 38.8
 141 59.8 50.2 75.4



#62
 4-Nitroaniline
 Concen: 33.033 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:138 Resp: 501744
 Ion Ratio Lower Upper
 138 100
 92 52.5 36.7 76.7
 108 85.4 70.3 110.3





#63

Azobenzene

Concen: 38.008 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion: 77 Resp: 2374807

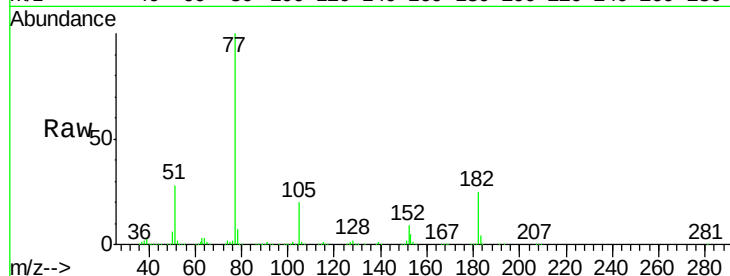
Ion Ratio Lower Upper

77 100

182 25.0 3.6 43.6

105 19.7 0.0 39.4

51 27.9 9.5 49.5

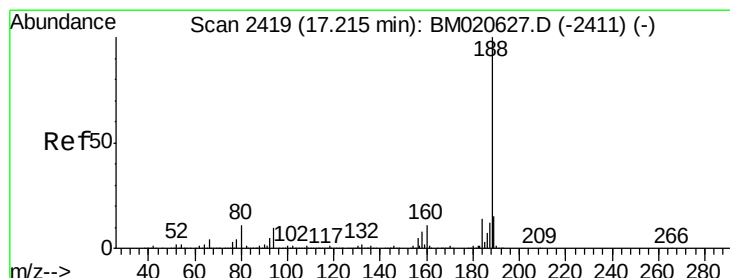
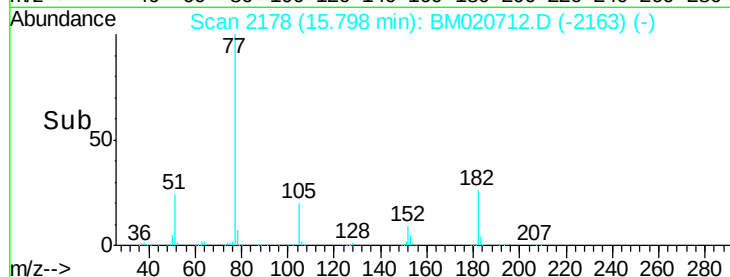
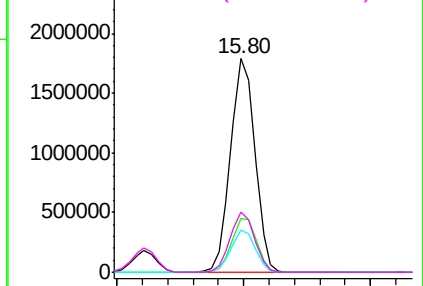


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020712.D

Acq: 04 Jun 2019 20:38

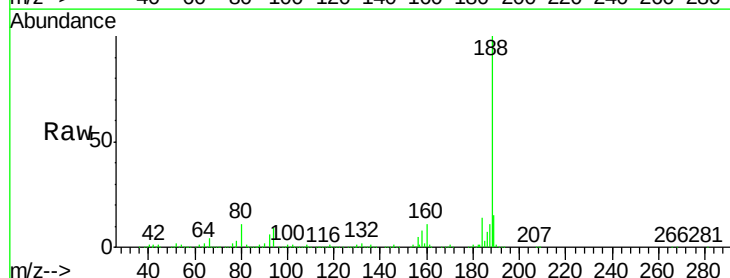
Tgt Ion: 188 Resp: 1366882

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

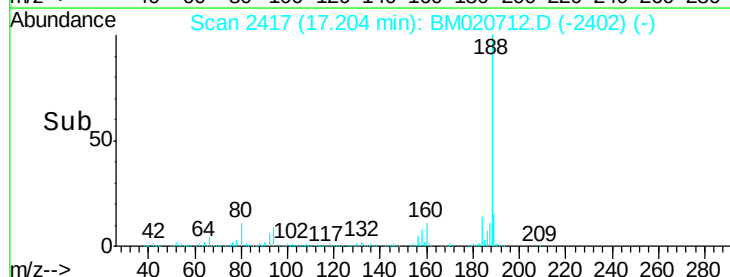
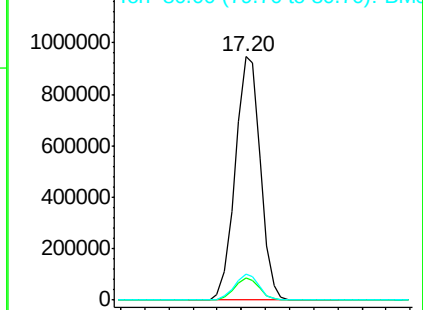
80 10.8 9.0 13.6

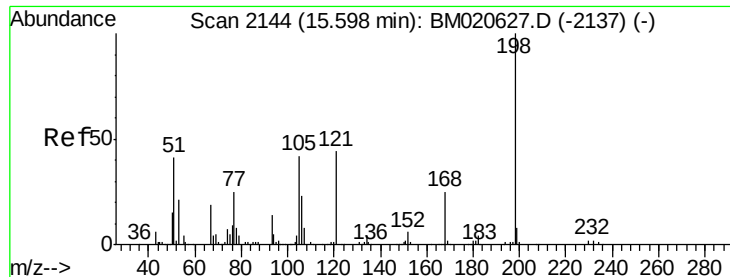


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

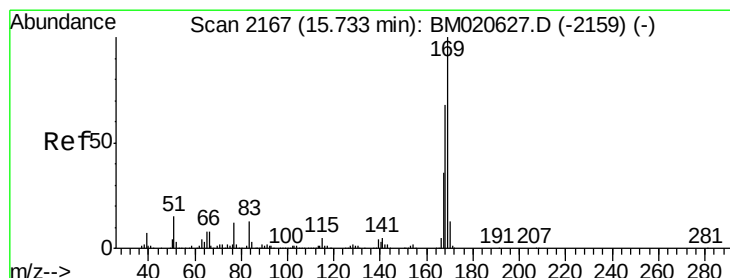
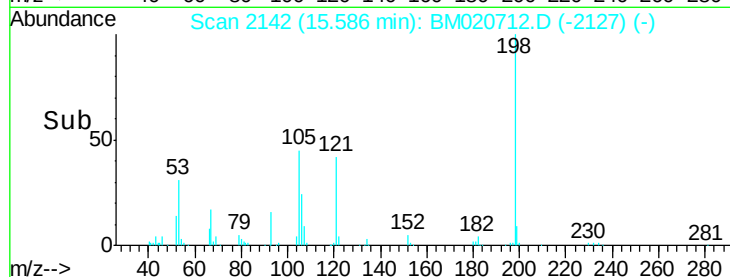
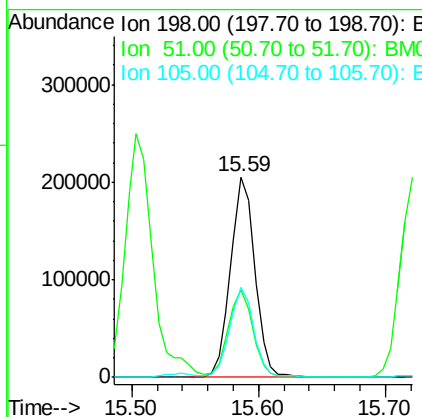
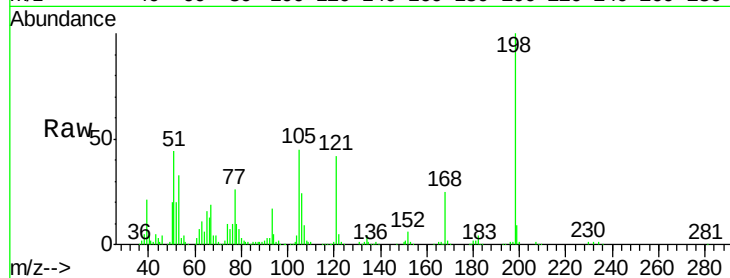




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.565 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

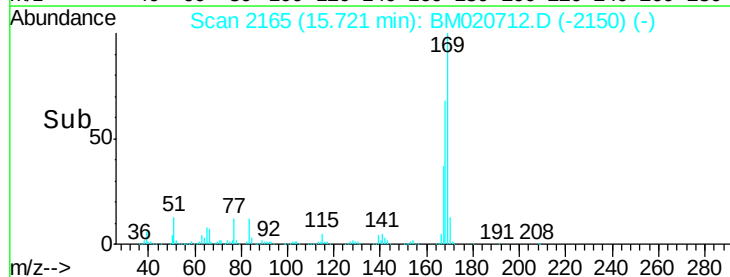
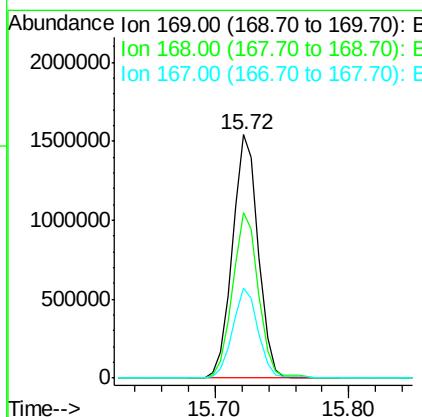
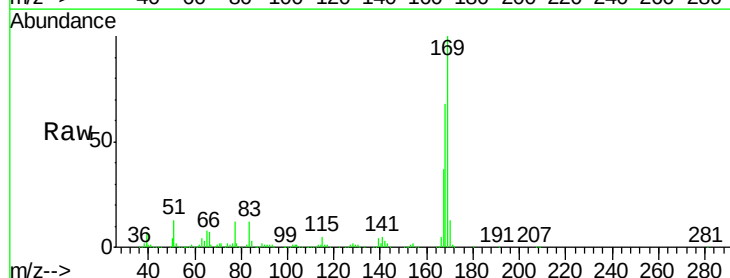
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

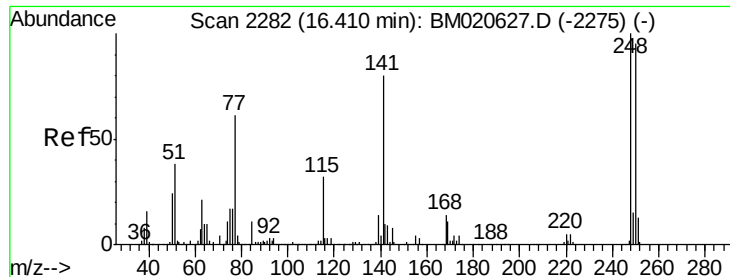
Tgt Ion:198 Resp: 272362
 Ion Ratio Lower Upper
 198 100
 51 43.9 27.7 67.7
 105 44.9 23.8 63.8



#66
 n-Nitrosodiphenylamine
 Concen: 47.228 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:169 Resp: 2066540
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.2 81.4
 167 36.8 29.1 43.7

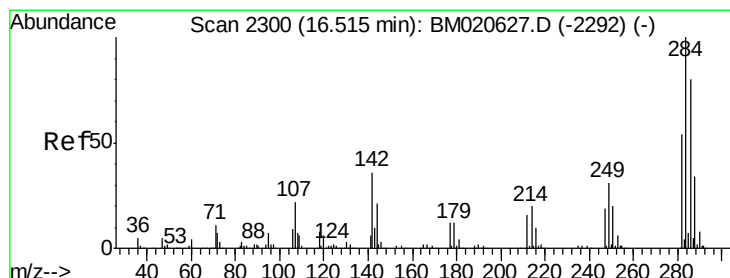
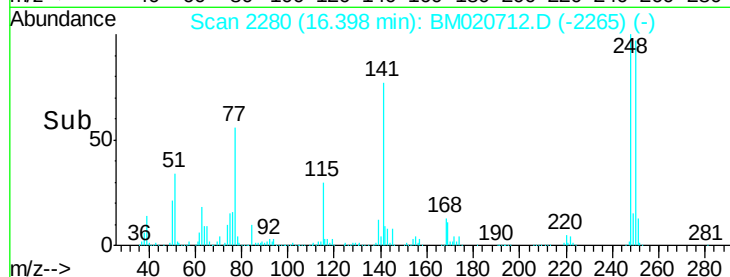
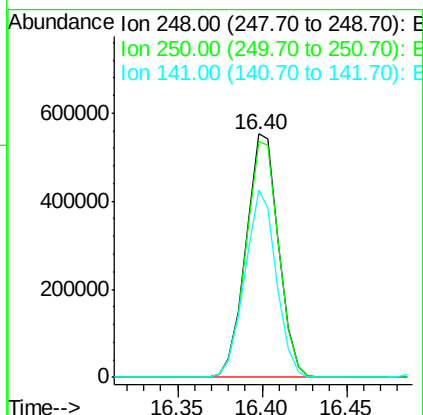
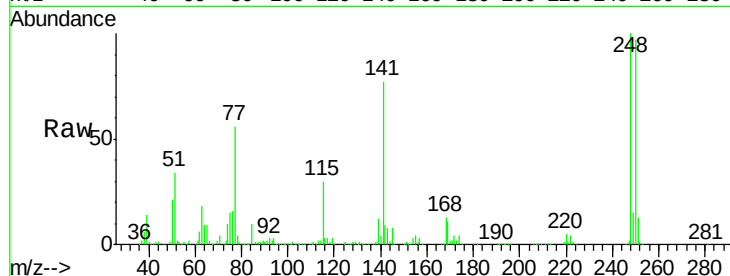




#67
 4-Bromophenyl-phenylether
 Concen: 46.066 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

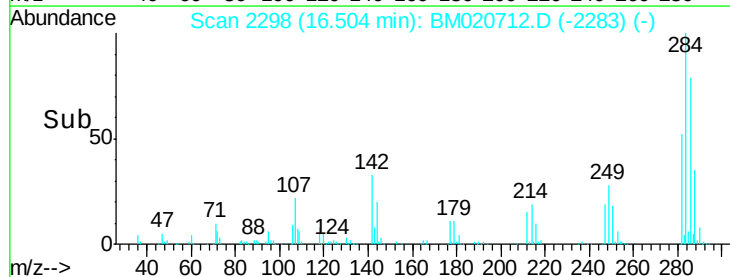
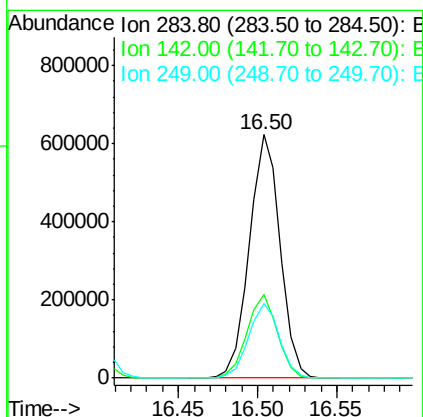
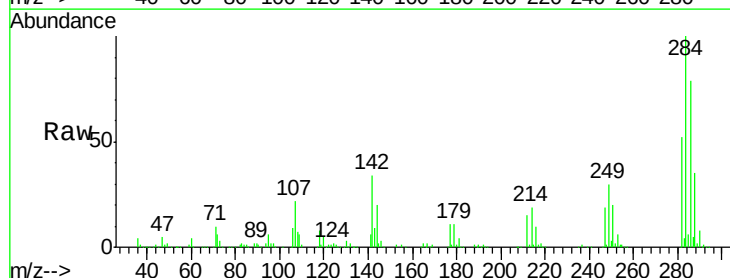
Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

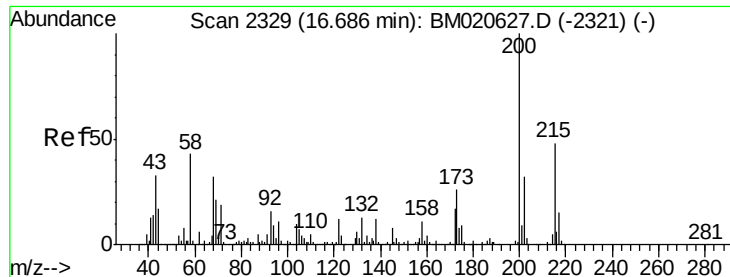
Tgt Ion:248 Resp: 741376
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.3 114.5
 141 76.9 64.2 96.2



#68
 Hexachlorobenzene
 Concen: 44.563 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:284 Resp: 837460
 Ion Ratio Lower Upper
 284 100
 142 34.4 28.6 42.8
 249 30.4 25.0 37.4





#69

Atrazine

Concen: 48.742 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

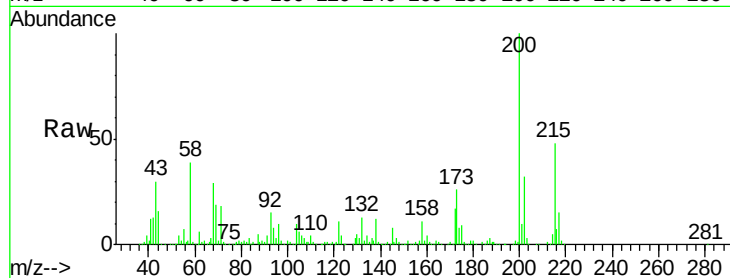
Tgt Ion:200 Resp: 636553

Ion Ratio Lower Upper

200 100

173 25.9 6.2 46.2

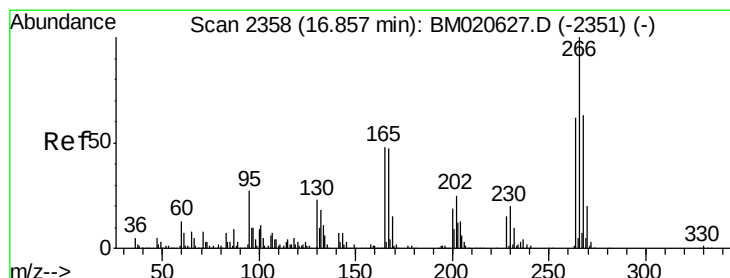
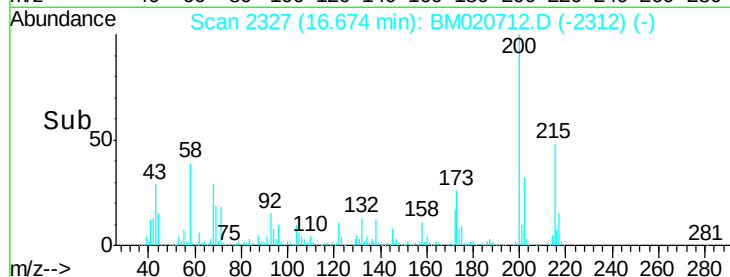
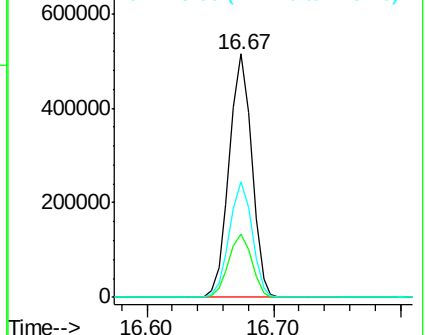
215 47.6 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.948 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

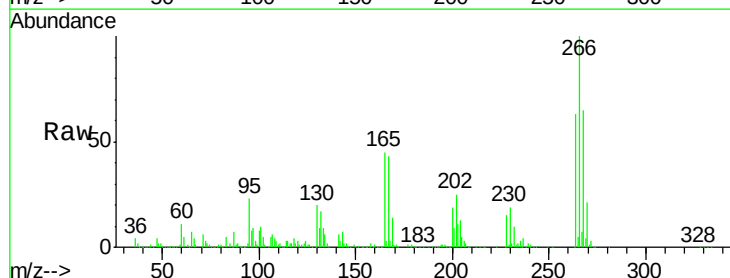
Tgt Ion:266 Resp: 922959

Ion Ratio Lower Upper

266 100

268 64.8 50.6 75.8

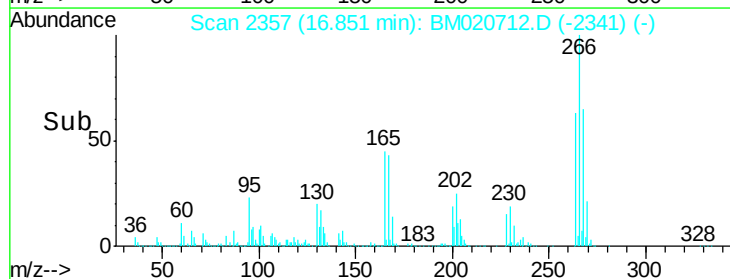
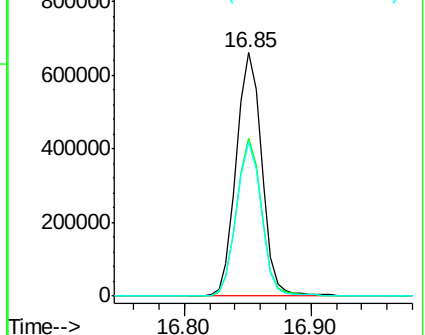
264 63.3 49.6 74.4

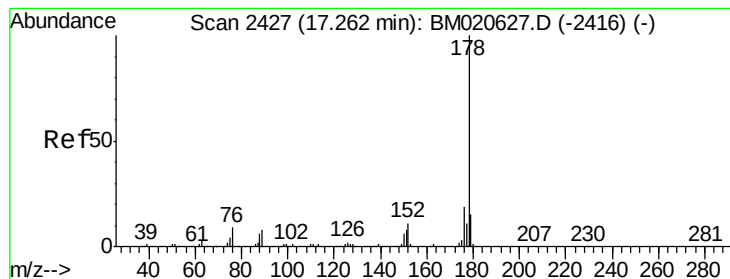


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.095 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

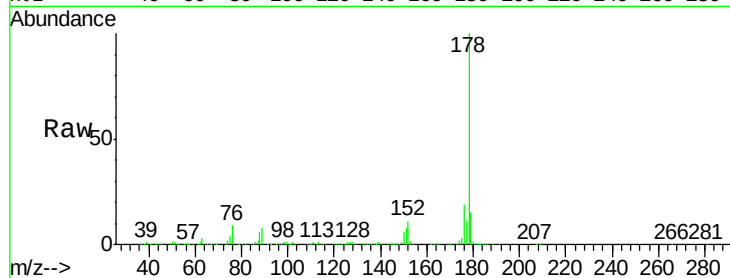
Tgt Ion:178 Resp: 3338978

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

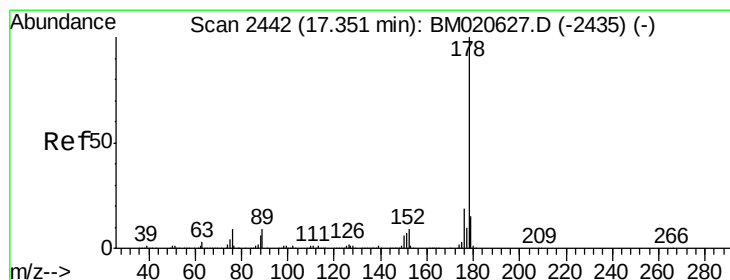
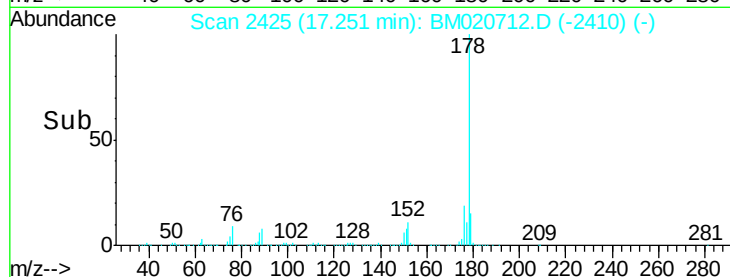
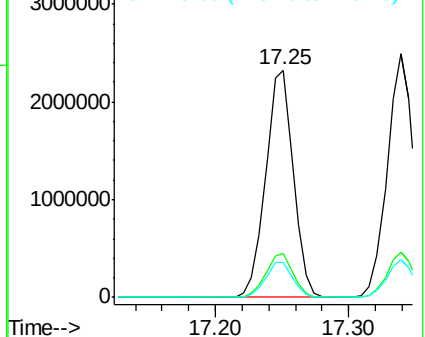
179 15.2 12.2 18.4



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: 44.004 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

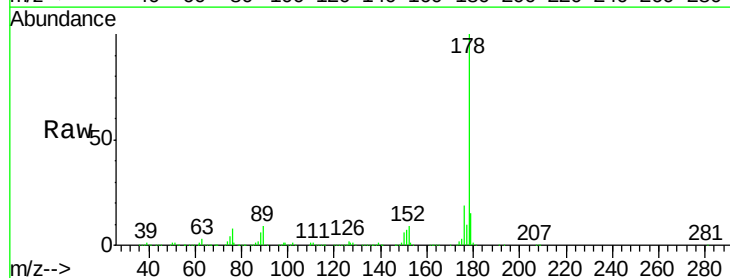
Tgt Ion:178 Resp: 3412367

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

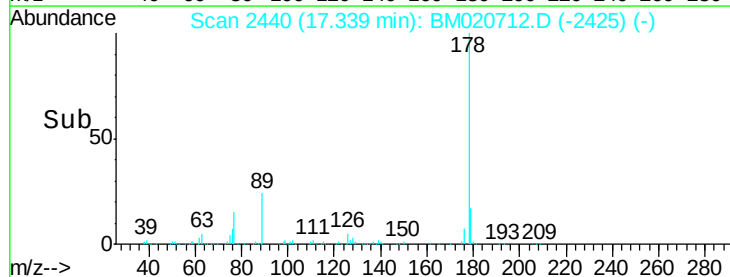
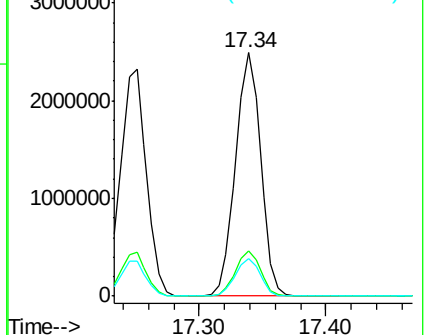
179 15.3 12.3 18.5

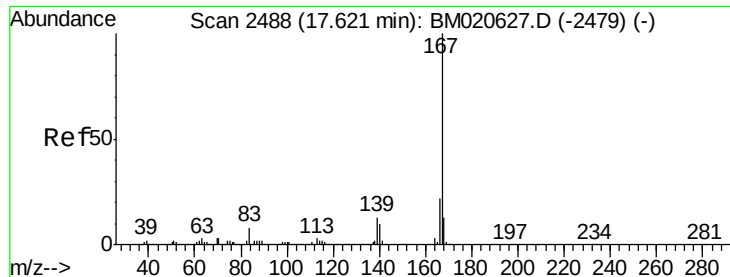


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.526 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

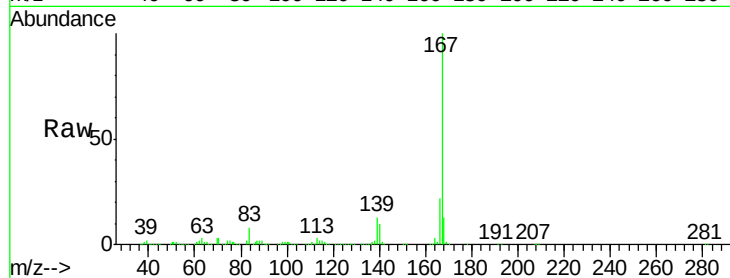
Tgt Ion:167 Resp: 2851878

Ion Ratio Lower Upper

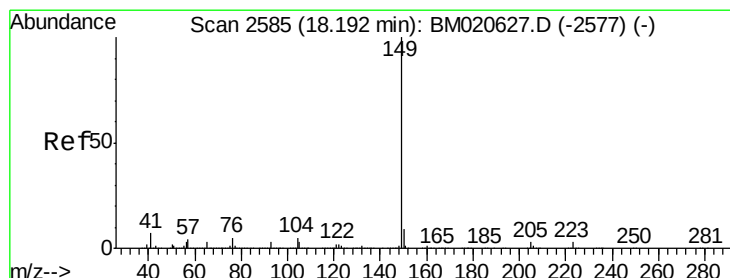
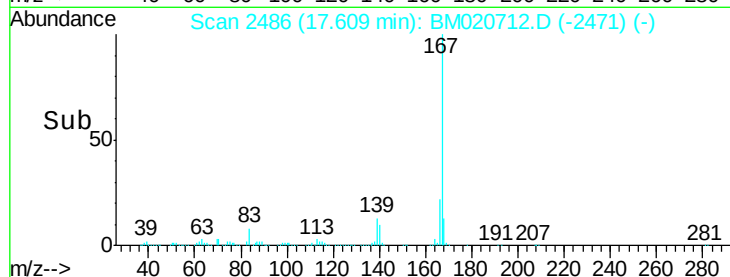
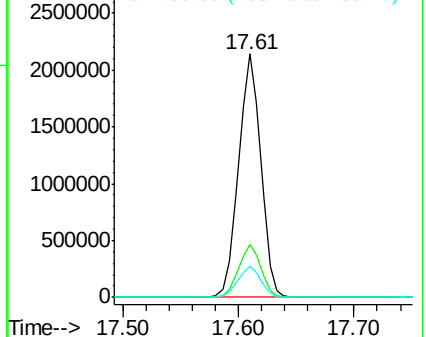
167 100

166 21.6 17.5 26.3

139 12.8 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.078 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

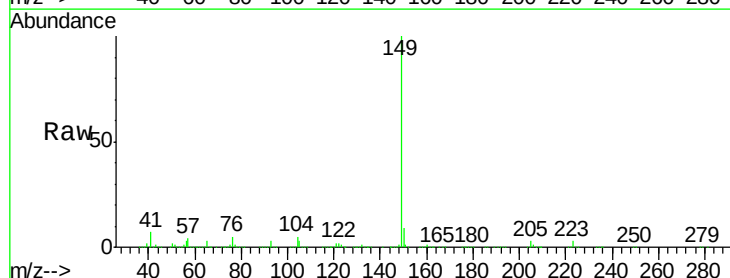
Tgt Ion:149 Resp: 3661188

Ion Ratio Lower Upper

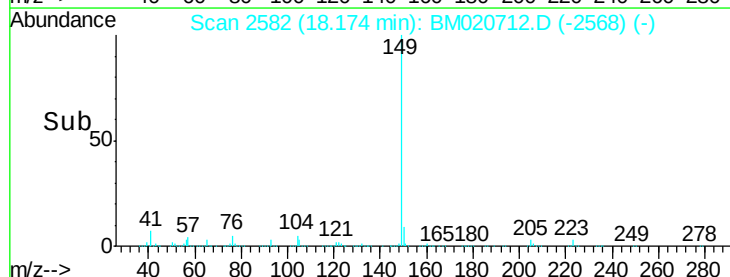
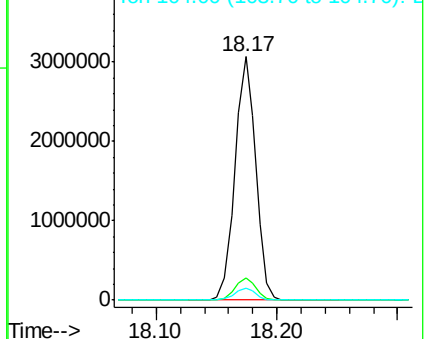
149 100

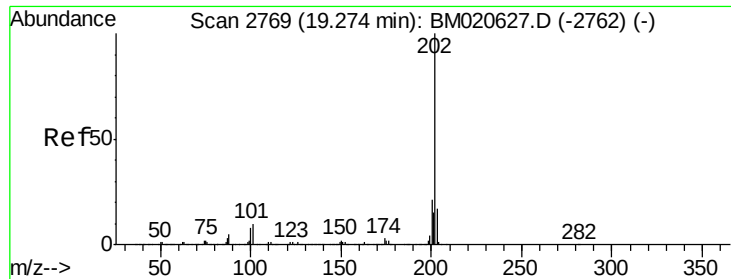
150 9.2 7.2 10.8

104 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.222 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

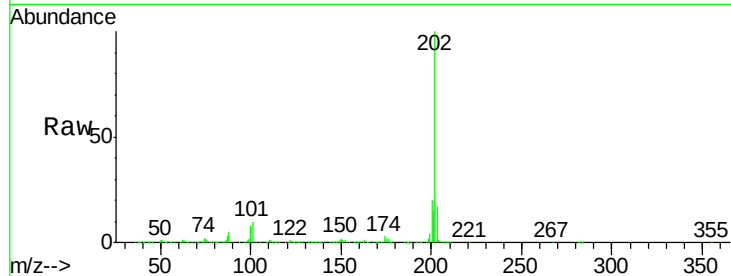
Tgt Ion:202 Resp: 3379521

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.4

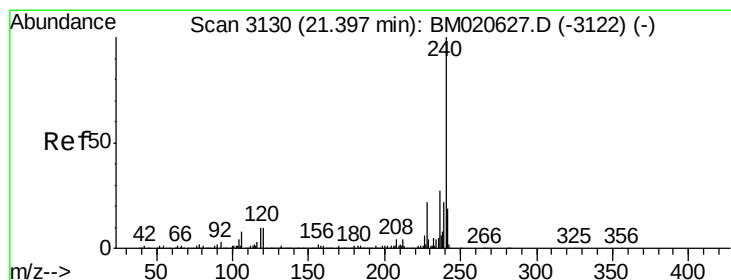
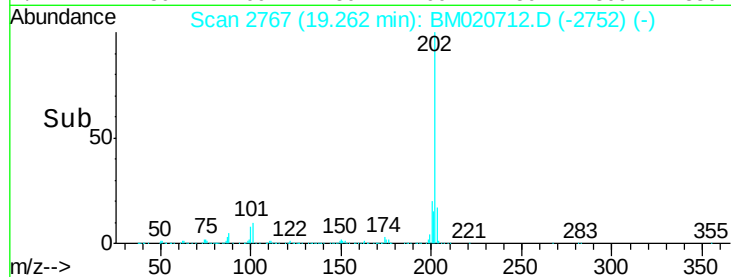
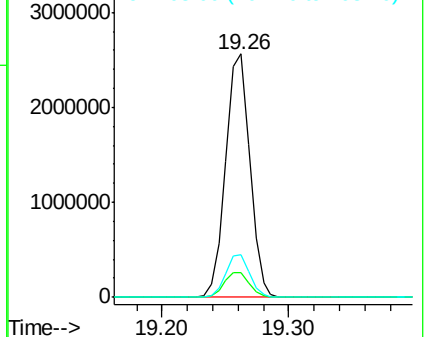
203 17.3 0.0 37.3



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: BM020712.D

Acq: 04 Jun 2019 20:38

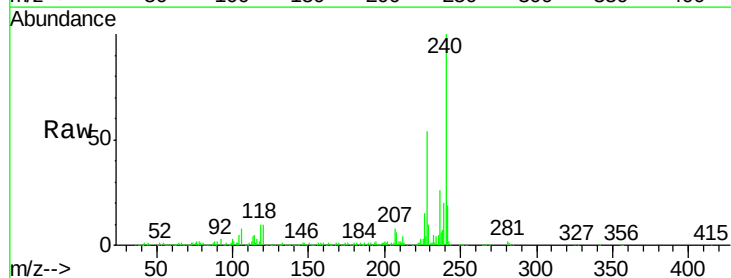
Tgt Ion:240 Resp: 1007852

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

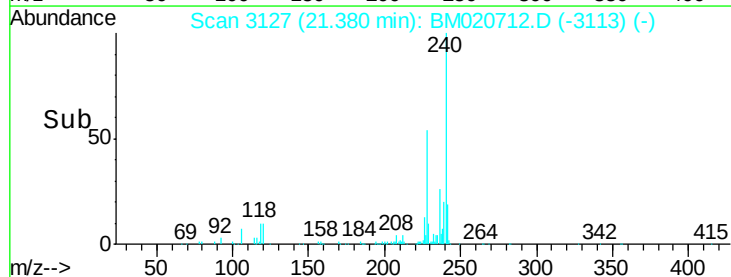
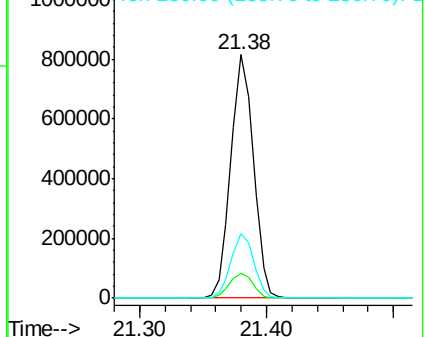
236 26.4 21.2 31.8

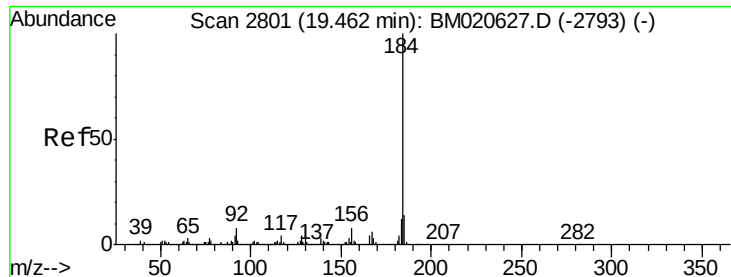


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.763 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

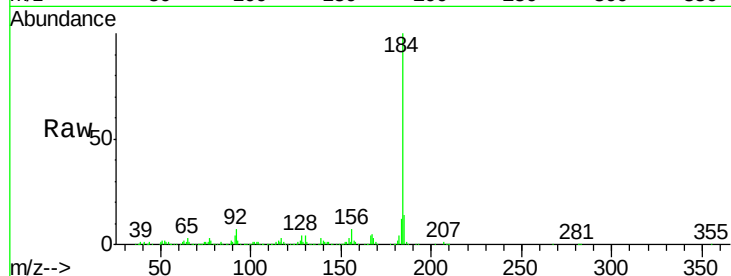
Tgt Ion:184 Resp: 1397556

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

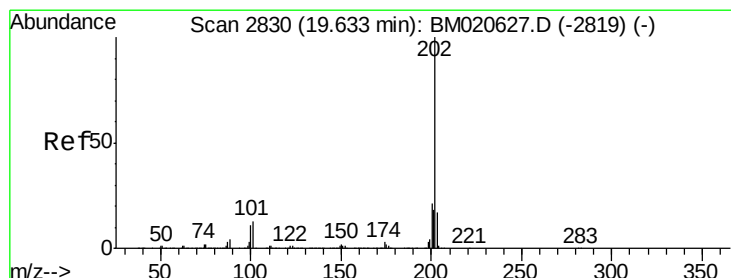
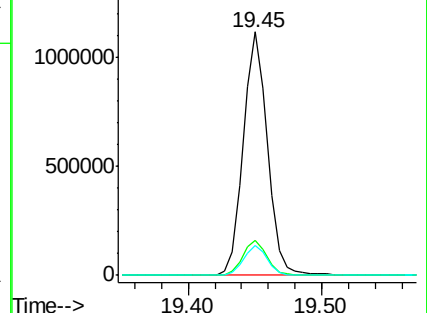
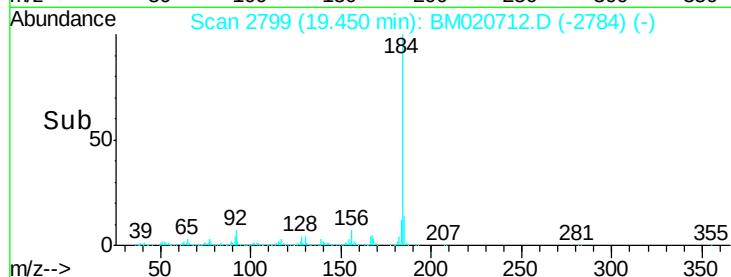
183 12.1 9.8 14.6



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: 43.517 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

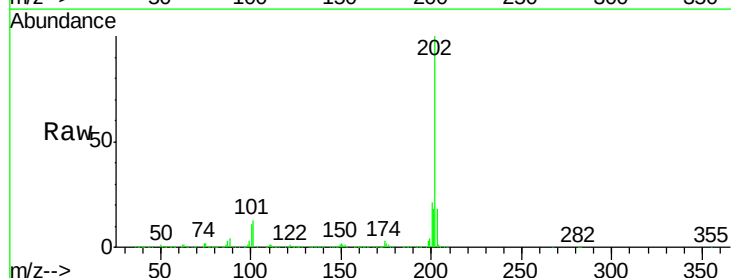
Tgt Ion:202 Resp: 3365668

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

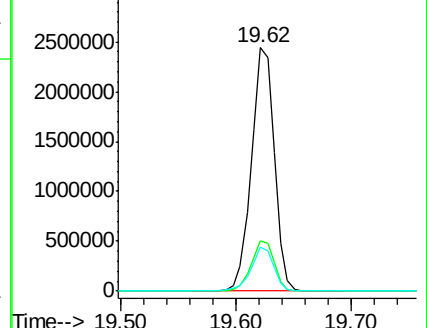
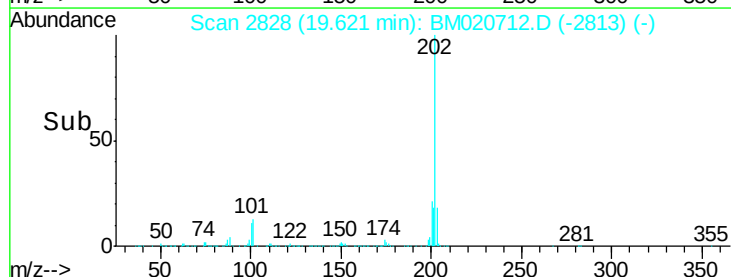
203 17.9 13.9 20.9

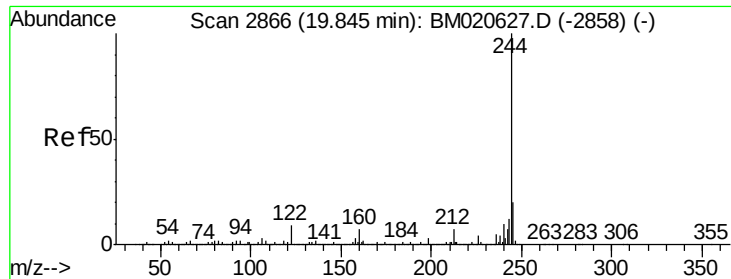


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.046 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

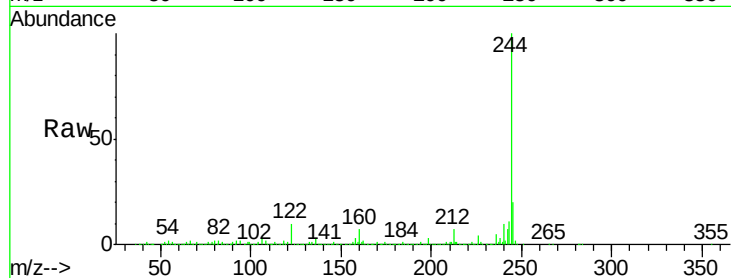
Tgt Ion:244 Resp: 5184706

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

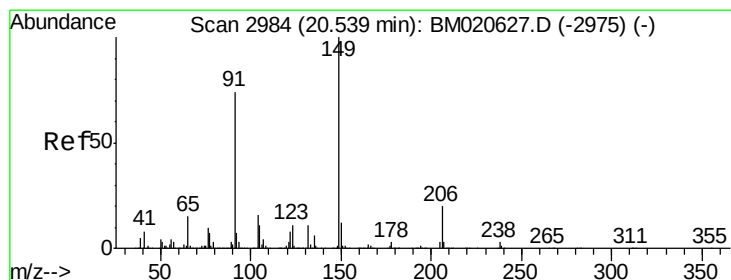
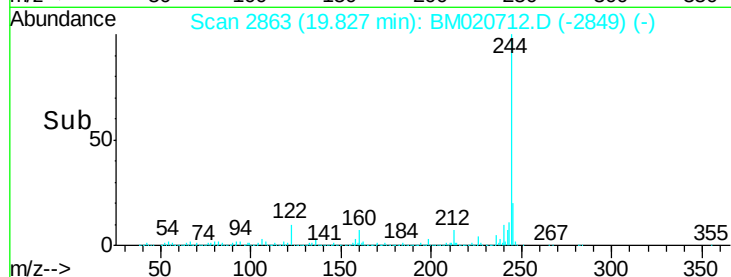
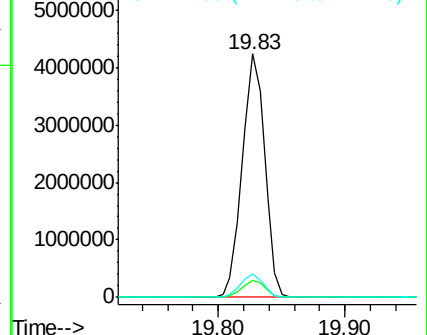
122 9.5 7.2 10.8



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: 41.660 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

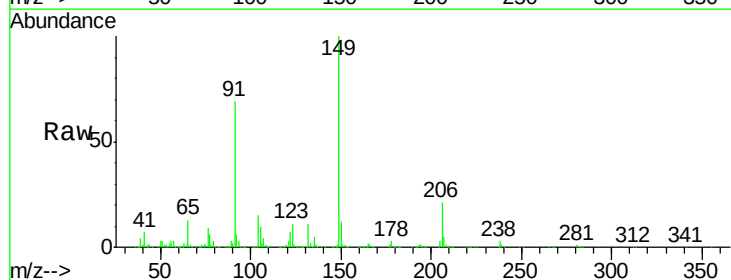
Tgt Ion:149 Resp: 1361625

Ion Ratio Lower Upper

149 100

91 68.7 59.6 89.4

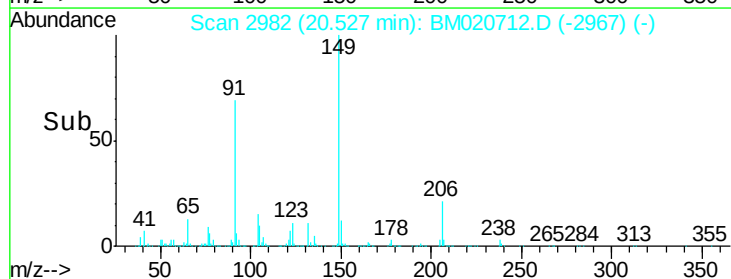
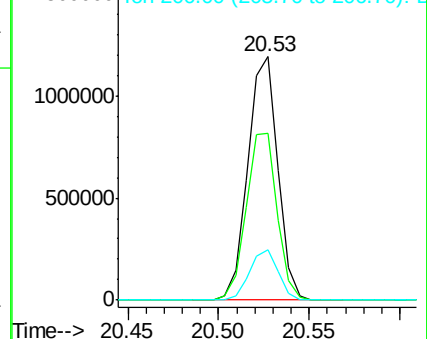
206 20.9 15.7 23.5

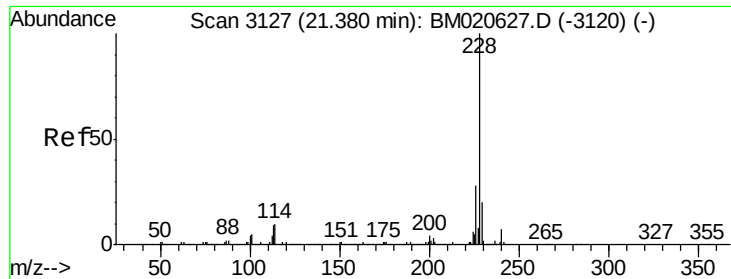


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

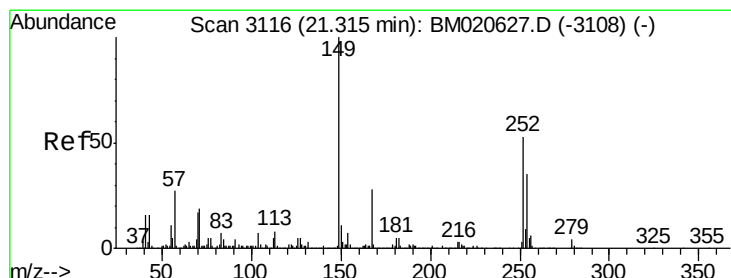
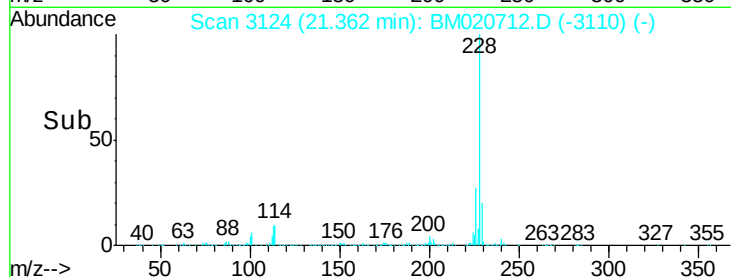
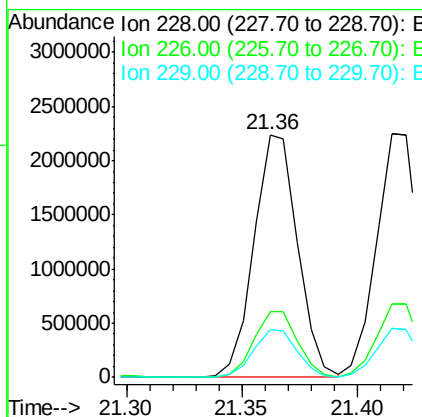
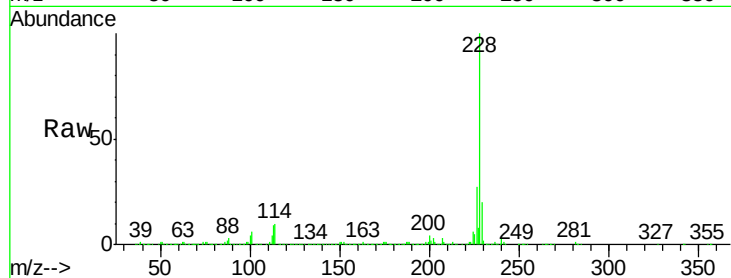




#81
Benzo(a)anthracene
Concen: 42.037 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

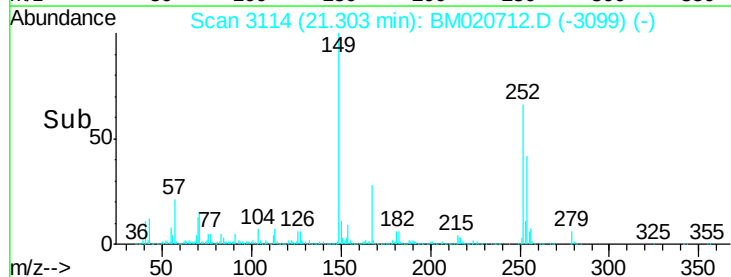
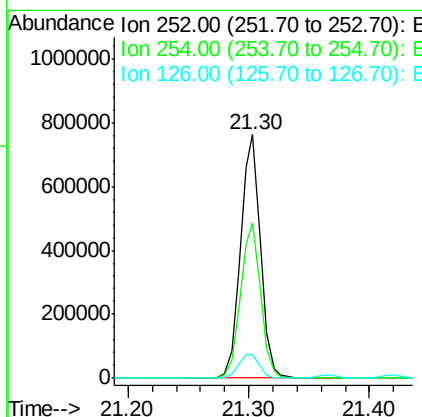
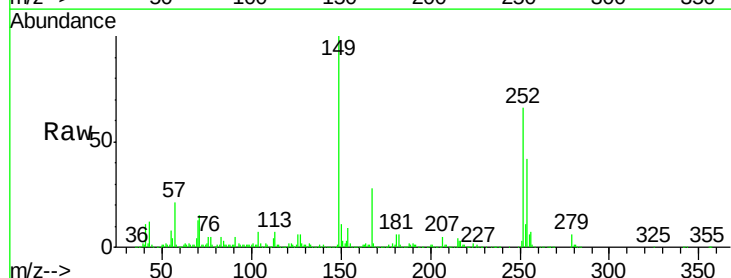
Instrument :
BNA_M
ClientSampleId :
PB119943BSD

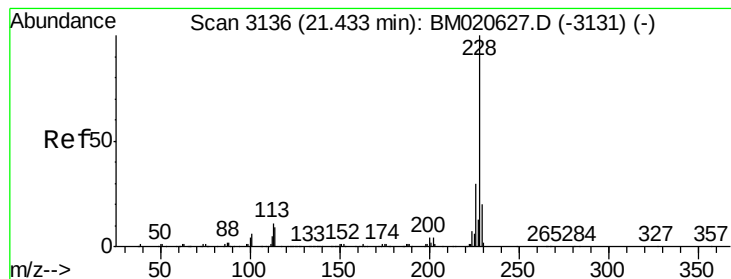
Tgt Ion:228 Resp: 2950355
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.967 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:252 Resp: 873005
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 9.7 8.0 12.0





#83

Chrysene

Concen: 43.253 ng

RT: 21.42 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

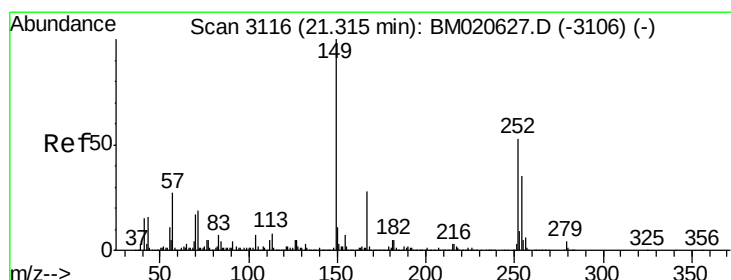
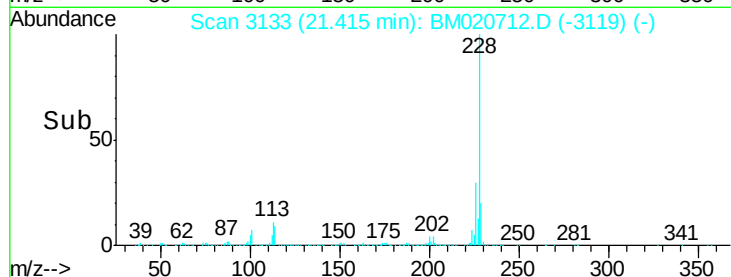
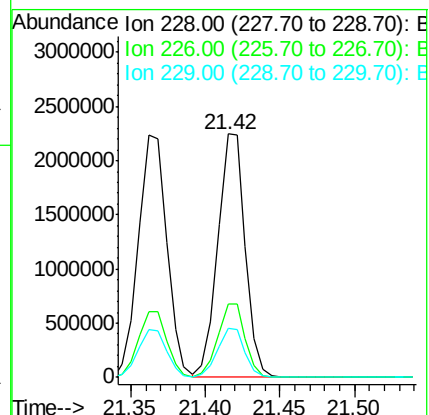
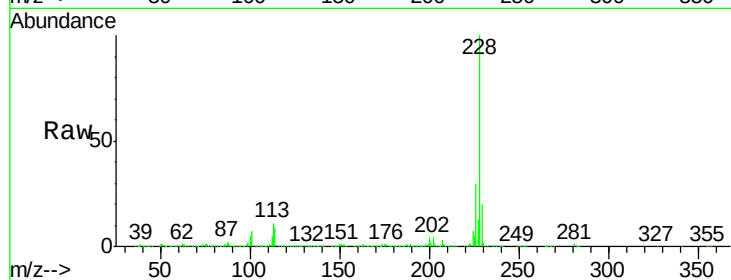
Tgt Ion:228 Resp: 2885652

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.185 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

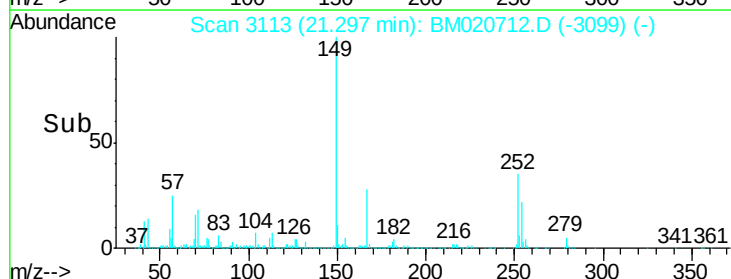
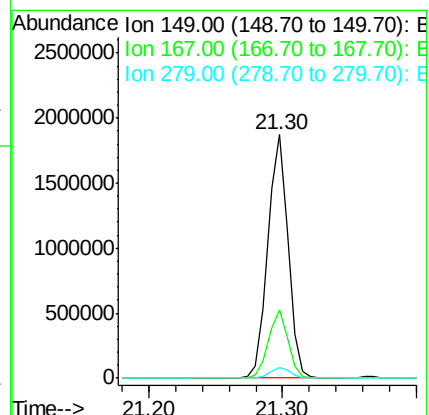
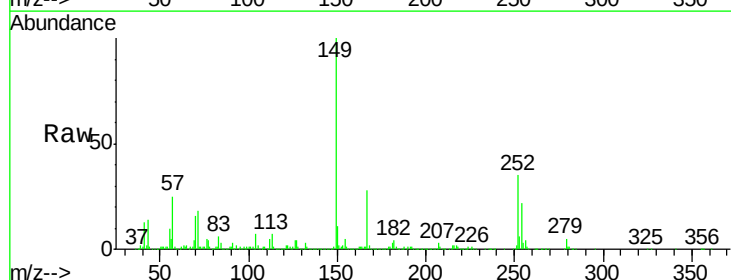
Tgt Ion:149 Resp: 1956424

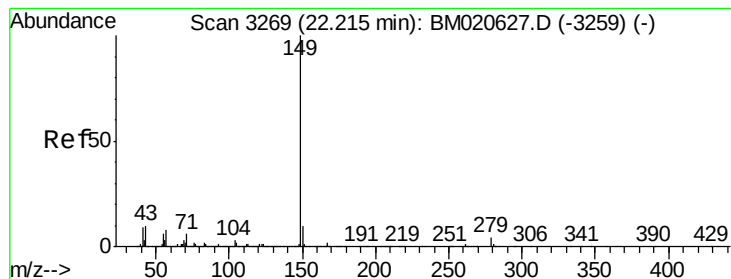
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.529 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

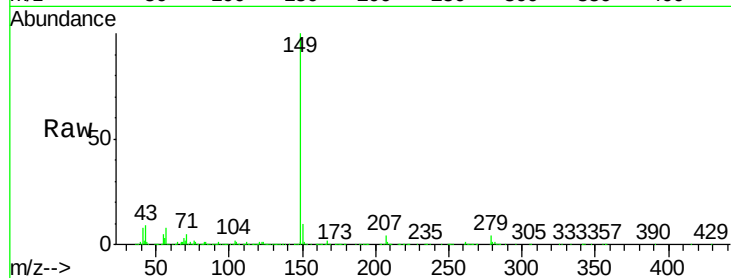
Tgt Ion:149 Resp: 3132008

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

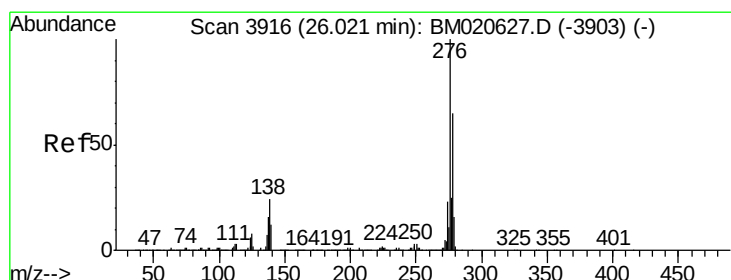
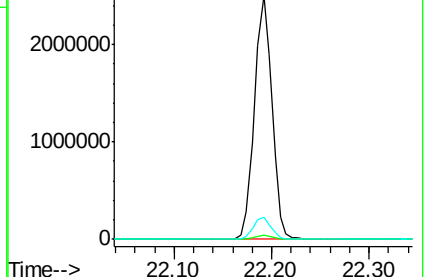
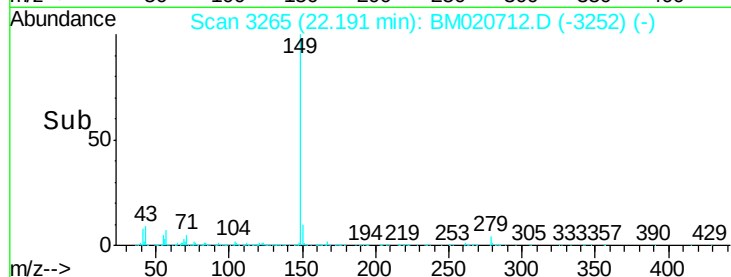
43 9.2 8.2 12.4



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: 55.645 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

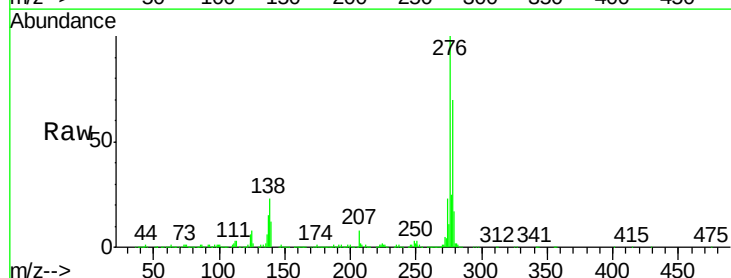
Tgt Ion:276 Resp: 3797939

Ion Ratio Lower Upper

276 100

138 23.6 19.8 29.8

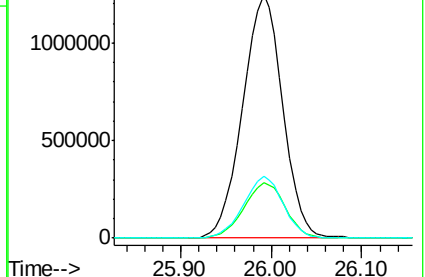
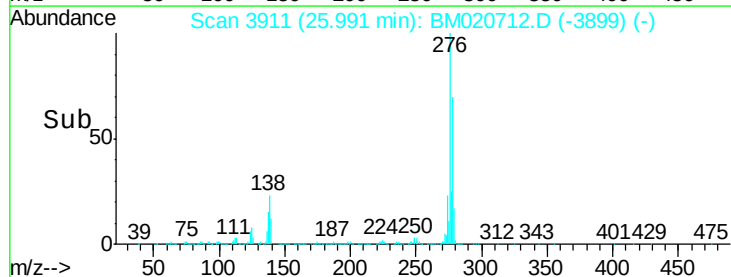
277 25.4 20.2 30.4

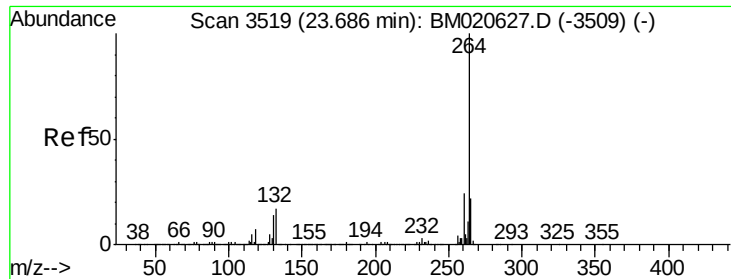


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

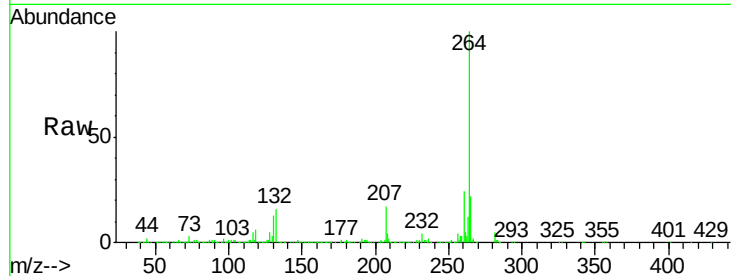
Tgt Ion:264 Resp: 1109409

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

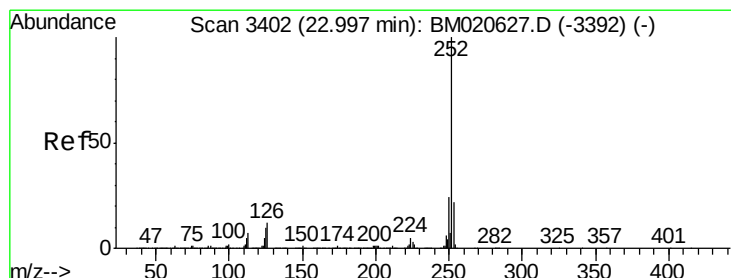
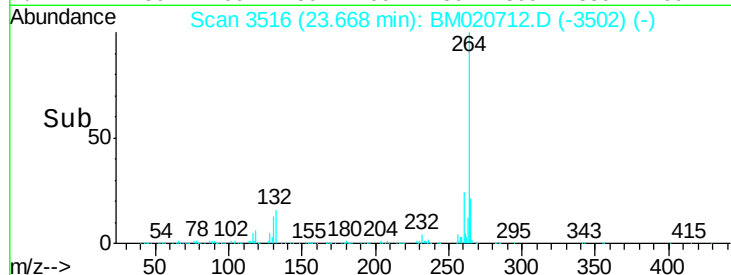
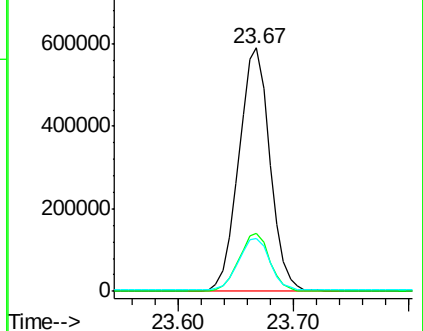
265 21.8 17.6 26.4



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: 42.750 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

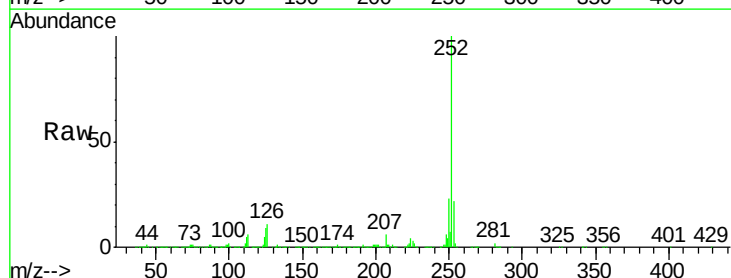
Tgt Ion:252 Resp: 3134684

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

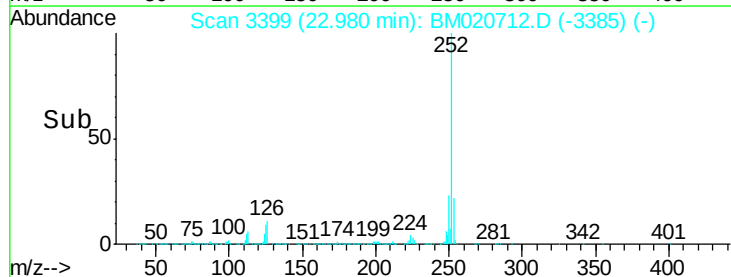
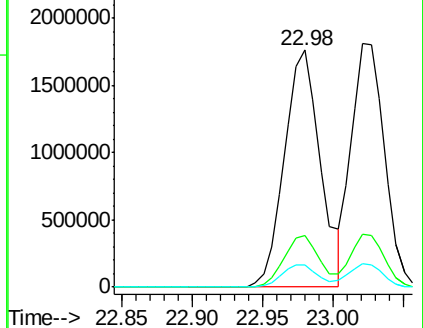
125 9.5 7.8 11.8

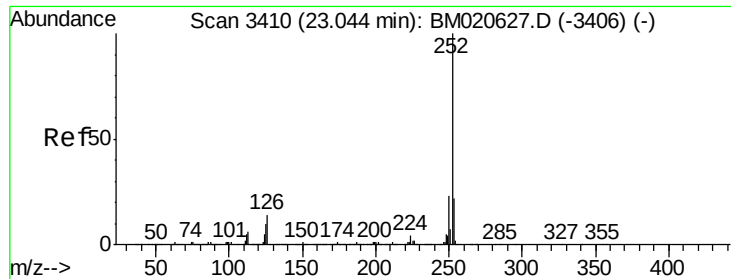


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.988 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

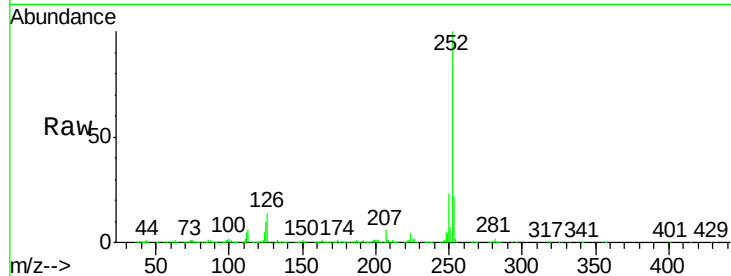
Tgt Ion:252 Resp: 2937116

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

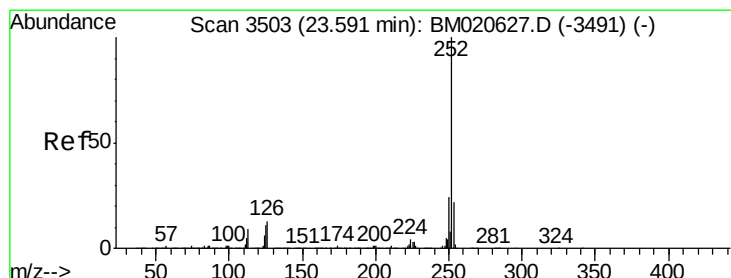
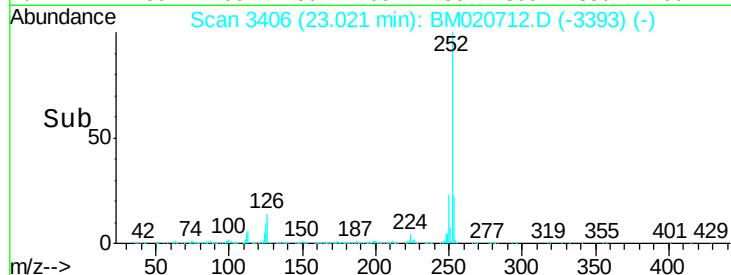
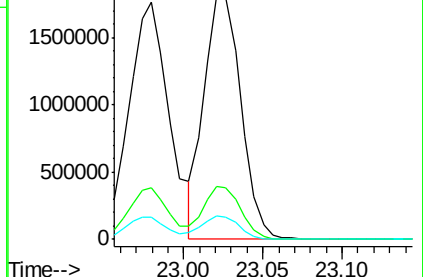
125 9.8 7.8 11.8



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



#90

Benzo(a)pyrene

Concen: 45.335 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

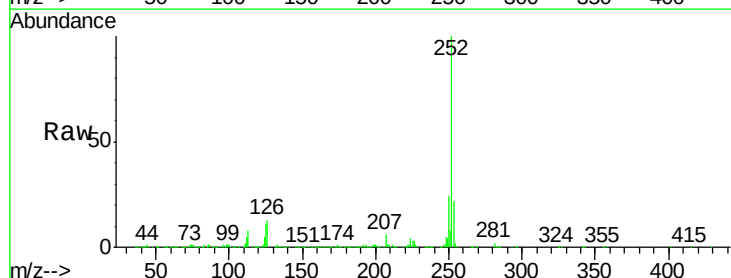
Tgt Ion:252 Resp: 3015218

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

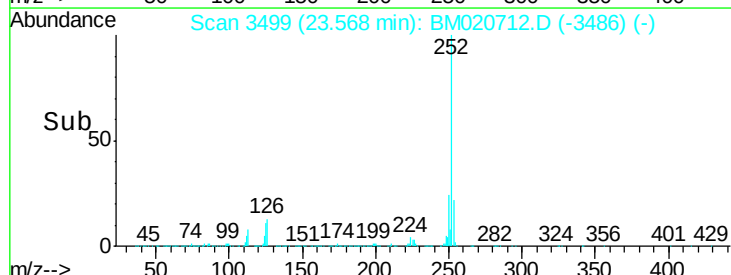
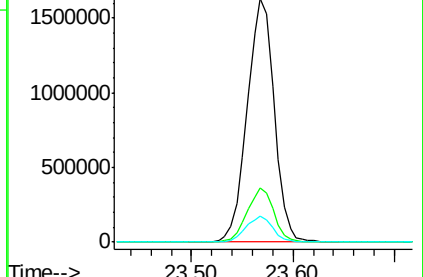
125 10.6 8.6 13.0

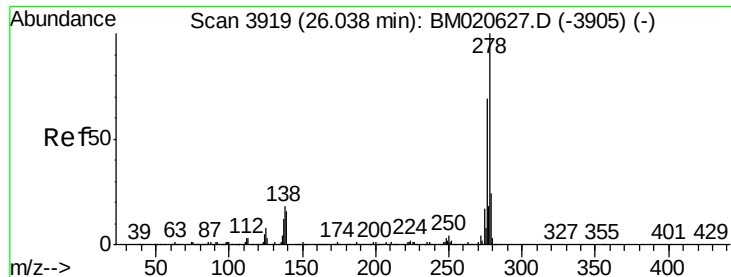


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



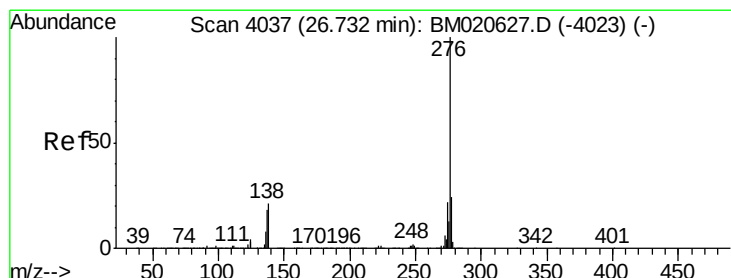
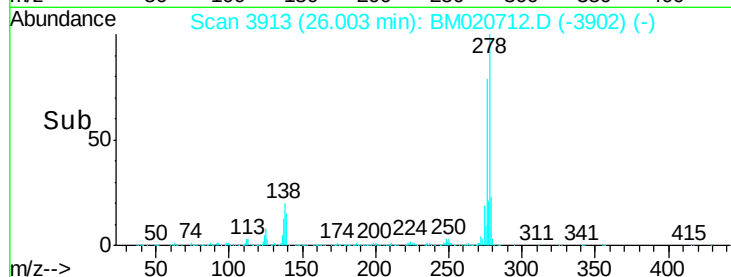
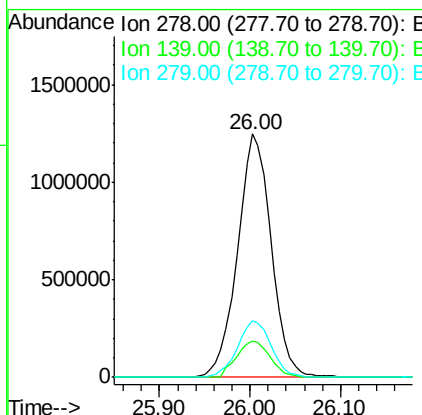
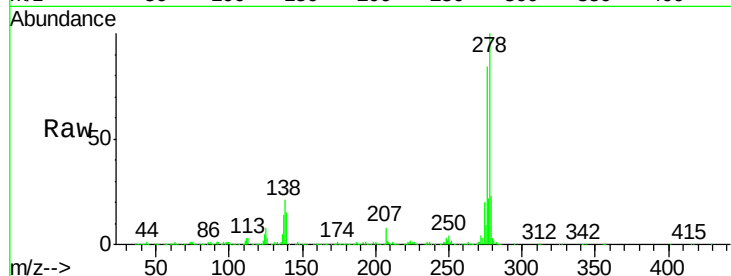


#91
Dibenzo(a,h)anthracene
Concen: 49.747 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:278 Resp: 3209959

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 51.556 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:276 Resp: 3089989

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.6	17.0	25.4

