

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020087.D
 Acq On : 01 May 2019 13:12
 Operator : JU/SJ
 Sample : PB119042BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:28:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	145989	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	549544	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	331115	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	732298	20.00	ng	0.00
76) Chrysene-d12	21.36	240	622298	20.00	ng	0.00
87) Perylene-d12	23.65	264	518631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1260894	141.18	ng	0.00
7) Phenol-d6	6.96	99	1688083	138.35	ng	0.00
23) Nitrobenzene-d5	8.96	82	1064811	76.50	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	673862	131.11	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2047678	76.09	ng	0.00
79) Terphenyl-d14	19.80	244	3042184	85.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	148841	33.979	ng	96
3) Pyridine	3.70	79	380194	33.937	ng	98
4) n-Nitrosodimethylamine	3.62	42	141802	39.473	ng	93
6) Aniline	7.13	93	502997	32.749	ng	99
8) 2-Chlorophenol	7.36	128	379503	39.024	ng	99
9) Benzaldehyde	6.94	77	289910	31.393	ng	97
10) Phenol	6.98	94	514832	39.195	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	363130	38.037	ng	98
12) 1,3-Dichlorobenzene	7.67	146	412529	36.460	ng	96
13) 1,4-Dichlorobenzene	7.83	146	424352	37.126	ng	95
14) 1,2-Dichlorobenzene	8.14	146	408979	37.557	ng	97
15) Benzyl Alcohol	8.03	79	448482	38.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	300287	37.933	ng	99
17) 2-Methylphenol	8.22	107	333205	39.407	ng	98
18) Hexachloroethane	8.86	117	171005	35.881	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	381533	36.549	ng	97
20) 3+4-Methylphenols	8.55	107	437742	38.953	ng	99
22) Acetophenone	8.62	105	617834	41.137	ng	98
24) Nitrobenzene	9.00	77	563847	39.069	ng	98
25) Isophorone	9.52	82	931256	38.796	ng	99
26) 2-Nitrophenol	9.70	139	180351	41.393	ng	97
27) 2,4-Dimethylphenol	9.76	122	339294	46.774	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	510260	39.030	ng	100
29) 2,4-Dichlorophenol	10.23	162	380542	41.603	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	450362	40.015	ng	98
31) Naphthalene	10.63	128	1126022	39.485	ng	99
32) Benzoic acid	9.89	122	176491	36.097	ng	98
33) 4-Chloroaniline	10.75	127	244034	20.791	ng	97
34) Hexachlorobutadiene	10.90	225	301003	37.806	ng	99
35) Caprolactam	11.54	113	53890	19.703	ng	95
36) 4-Chloro-3-methylphenol	11.86	107	414811	38.591	ng	97
37) 2-Methylnaphthalene	12.25	142	826780	39.767	ng	99
38) 1-Methylnaphthalene	12.47	142	785986	38.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	523427	40.405	ng	99

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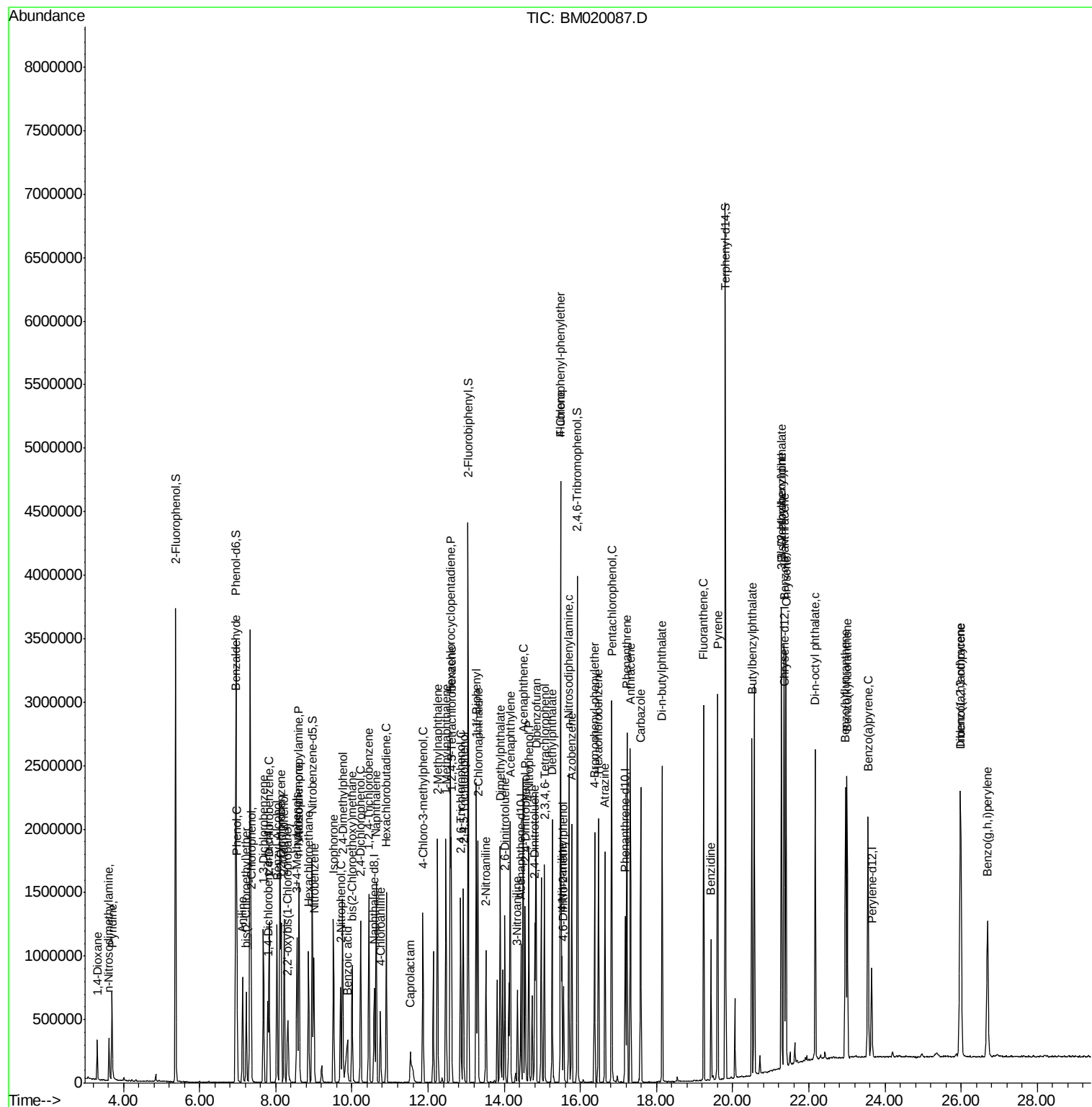
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	710049	93.089	nq	98
43) 2,4,6-Trichlorophenol	12.86	196	319277	43.366	nq	99
44) 2,4,5-Trichlorophenol	12.92	196	340934	41.452	nq	95
46) 1,1'-Biphenyl	13.26	154	1086375	39.861	nq	99
47) 2-Chloronaphthalene	13.31	162	863340	39.675	nq	99
48) 2-Nitroaniline	13.52	65	299535	38.665	nq	98
49) Acenaphthylene	14.16	152	1301522	37.373	nq	100
50) Dimethylphthalate	13.90	163	1057639	37.582	nq	99
51) 2,6-Dinitrotoluene	14.02	165	222966	37.617	nq	94
52) Acenaphthene	14.50	154	763393	38.226	nq	98
53) 3-Nitroaniline	14.35	138	134897	24.521	nq	97
54) 2,4-Dinitrophenol	14.55	184	235050	79.256	nq	97
55) Dibenzofuran	14.83	168	1289458	38.279	nq	98
56) 4-Nitrophenol	14.65	139	348845	74.321	nq	99
57) 2,4-Dinitrotoluene	14.80	165	301504	37.435	nq	97
58) Fluorene	15.48	166	1022654	36.966	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	311574	39.863	nq	100
60) Diethylphthalate	15.26	149	1036851	36.569	nq	99
61) 4-Chlorophenyl-phenylether	15.48	204	597774	38.135	nq	95
62) 4-Nitroaniline	15.52	138	202757	33.397	nq	99
63) Azobenzene	15.77	77	1223042	36.565	nq	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	143936	40.305	nq	96
66) n-Nitrosodiphenylamine	15.70	169	889937	41.300	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	360875	40.187	nq	97
68) Hexachlorobenzene	16.47	284	413973	40.061	nq	97
69) Atrazine	16.64	200	318093	37.774	nq	97
70) Pentachlorophenol	16.82	266	488675	82.652	nq	98
71) Phenanthrene	17.22	178	1562255	38.647	nq	99
72) Anthracene	17.31	178	1580874	39.115	nq	99
73) Carbazole	17.59	167	1326944	36.386	nq	99
74) Di-n-butylphthalate	18.14	149	1609661	36.677	nq	98
75) Fluoranthene	19.24	202	1798753	35.169	nq	99
77) Benzidine	19.43	184	589711	29.641	nq	99
78) Pyrene	19.60	202	1817982	43.513	nq	100
80) Butylbenzylphthalate	20.50	149	639605	42.097	nq	97
81) Benzo(a)anthracene	21.35	228	1630844	37.369	nq	100
82) 3,3'-Dichlorobenzidine	21.29	252	526073	31.584	nq	100
83) Chrysene	21.40	228	1614159	38.137	nq	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	907671	38.499	nq	100
85) Di-n-octyl phthalate	22.17	149	1437895	36.695	nq	99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1662632	33.025	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	1532828	44.757	nq	100
89) Benzo(k)fluoranthene	23.00	252	1544295	49.433	nq	99
90) Benzo(a)pyrene	23.55	252	1469746	47.247	nq	99
91) Dibenzo(a,h)anthracene	25.99	278	1440934	44.541	nq	99
92) Benzo(g,h,i)perylene	26.69	276	1390793	45.282	nq	98

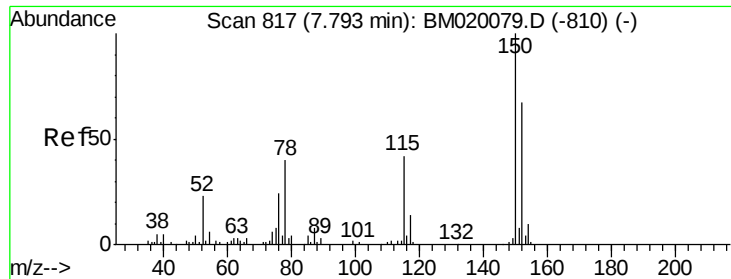
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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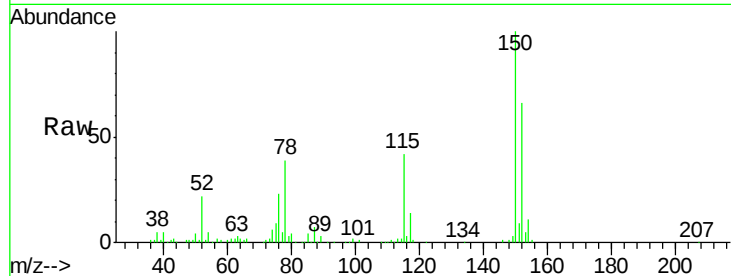


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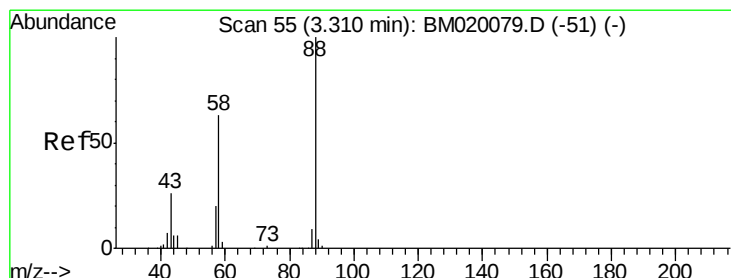
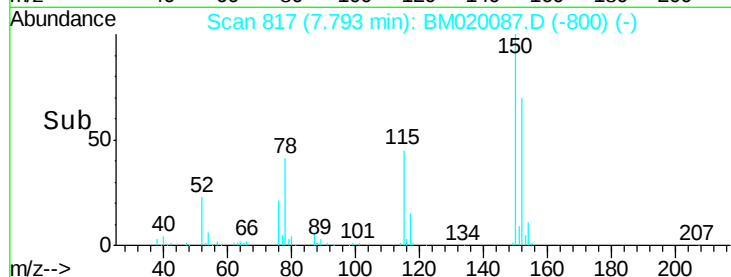
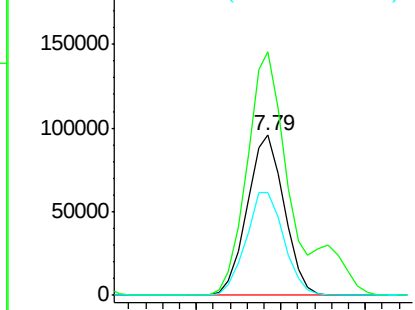
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	145989
Ion Ratio	Lower	Upper	
152	100		
150	152.2	119.8	179.8
115	64.4	50.8	76.2



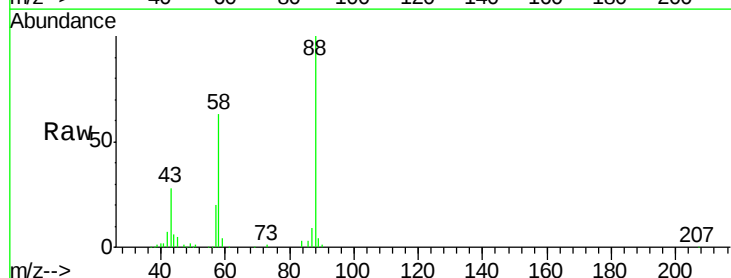
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



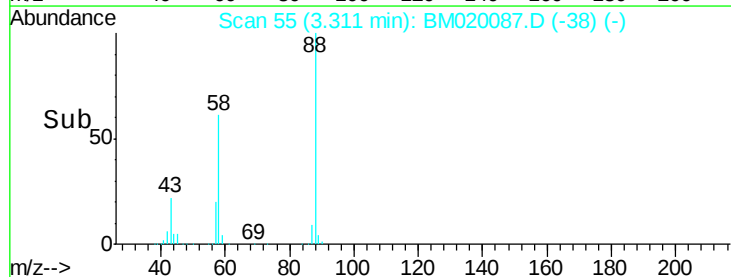
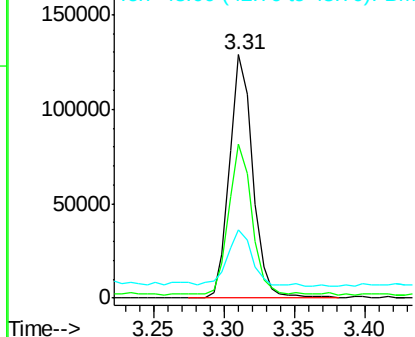
#2

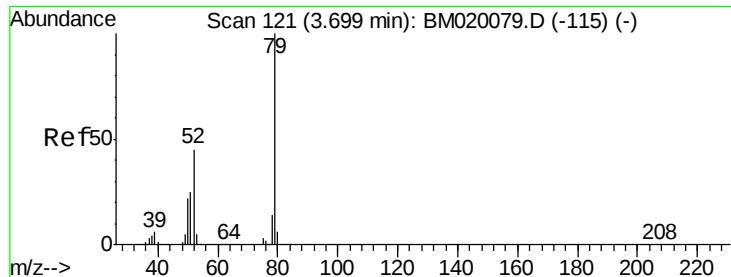
1,4-Dioxane
Concen: 33.979 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	88	Resp	148841
Ion Ratio	Lower	Upper	
88	100		
58	60.9	51.8	77.6
43	24.1	20.3	30.5



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





#3

Pvridine

Concen: 33.937 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

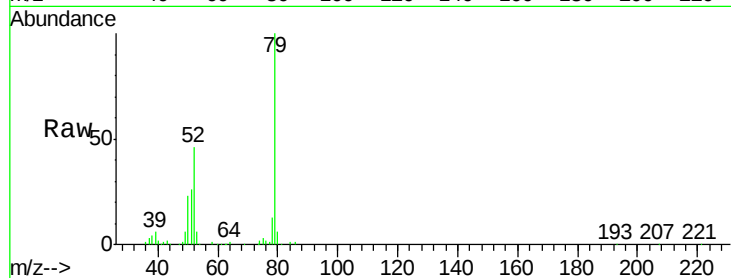
Tot Ion: 79 Resp: 380194

Ion Ratio Lower Upper

79 100

52 46.3 35.7 53.5

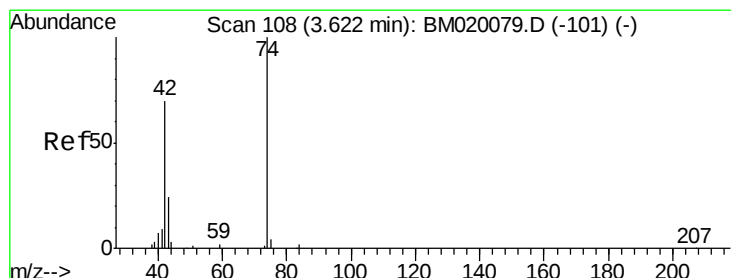
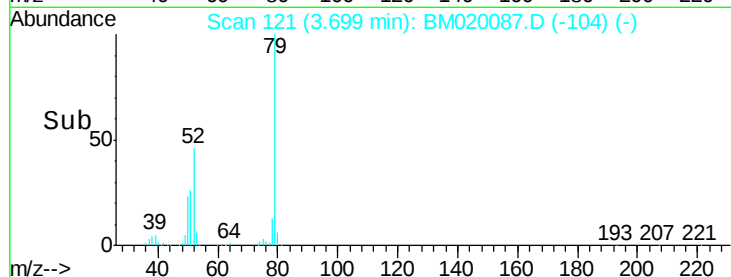
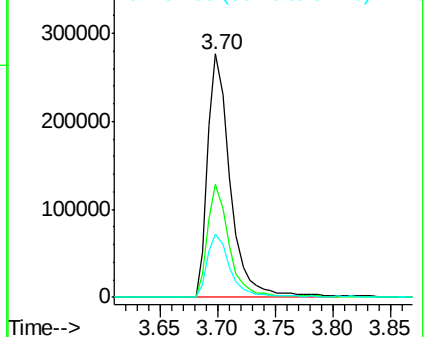
51 25.8 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020087.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020087.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020087.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 39.473 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

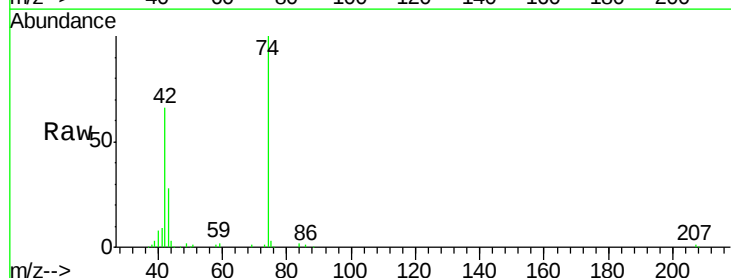
Tgt Ion: 42 Resp: 141802

Ion Ratio Lower Upper

42 100

74 151.6 113.7 170.5

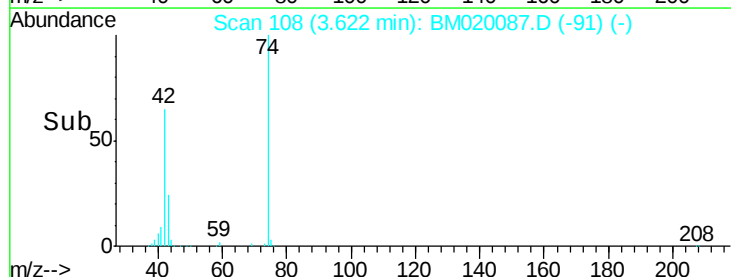
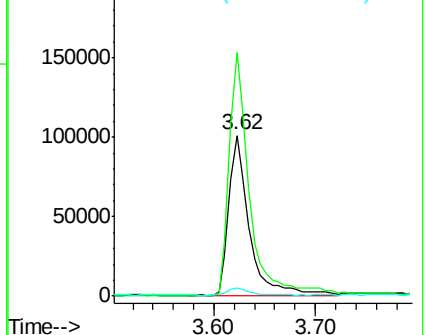
44 4.8 3.9 5.9

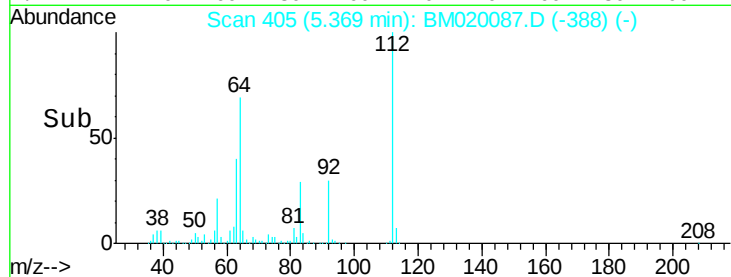
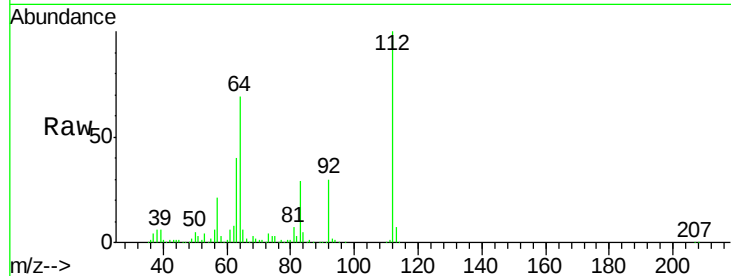
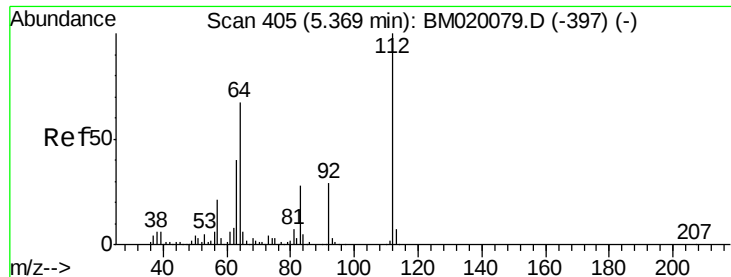


Abundance Ion 42.00 (41.70 to 42.70): BM020087.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020087.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020087.D (-101) (-)





#5

2-Fluorophenol

Concen: 141.178 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampled :

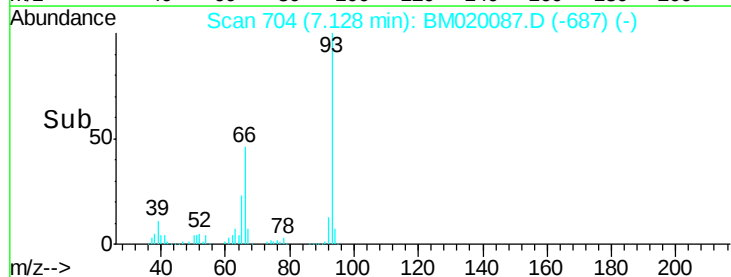
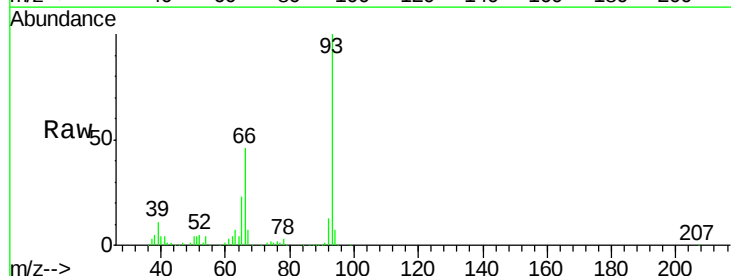
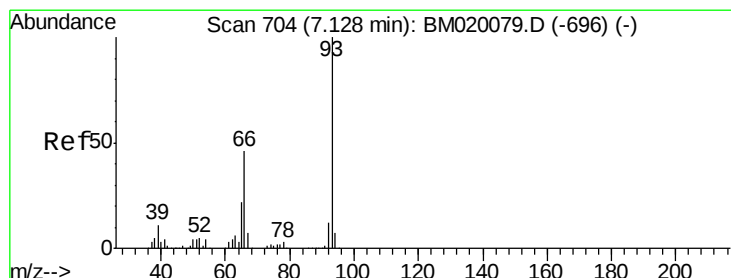
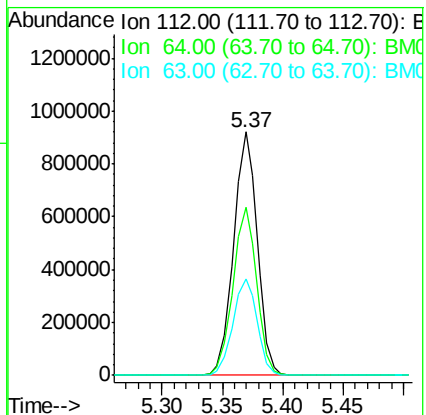
Tot Ion:112 Resp: 1260894

Ion Ratio Lower Upper

112 100

64 69.3 53.8 80.6

63 39.5 32.3 48.5



#6

Aniline

Concen: 32.749 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

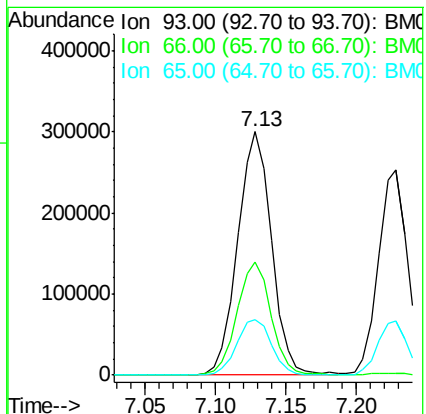
Tgt Ion: 93 Resp: 502997

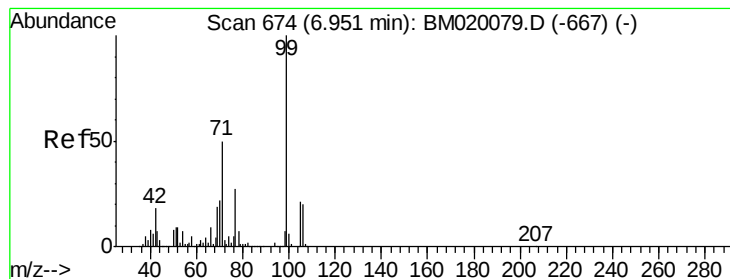
Ion Ratio Lower Upper

93 100

66 46.4 36.6 54.8

65 23.0 17.8 26.6





#7

Phenol-d6

Concen: 138.353 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

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BNA_M

ClientSampleId :

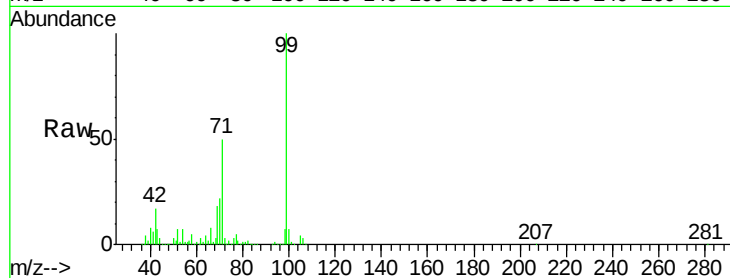
Tot Ion: 99 Resp: 1688083

Ion Ratio Lower Upper

99 100

42 16.7 14.2 21.2

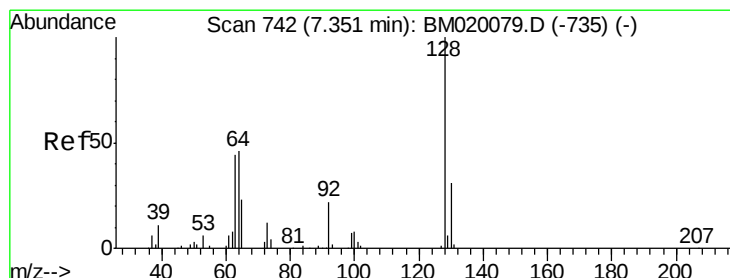
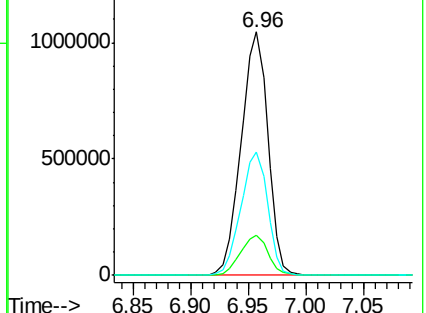
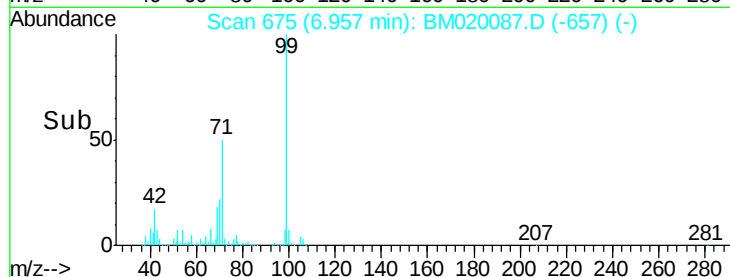
71 50.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 39.024 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

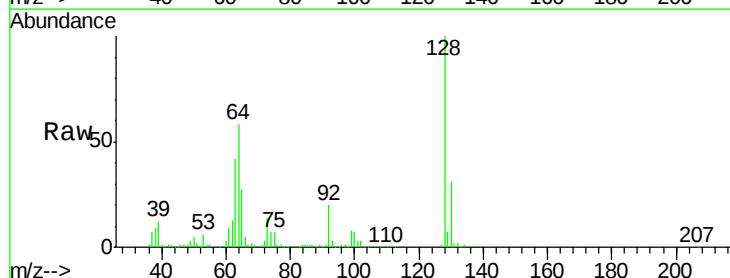
Tgt Ion: 128 Resp: 379503

Ion Ratio Lower Upper

128 100

130 31.1 10.8 50.8

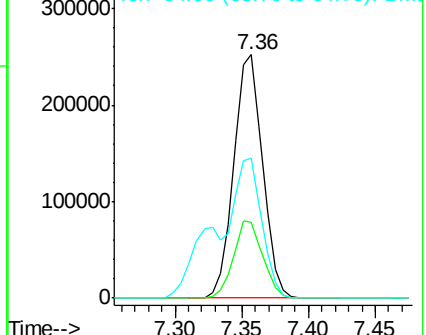
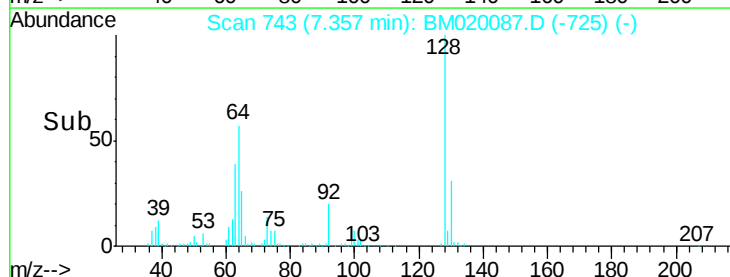
64 57.6 36.5 76.5

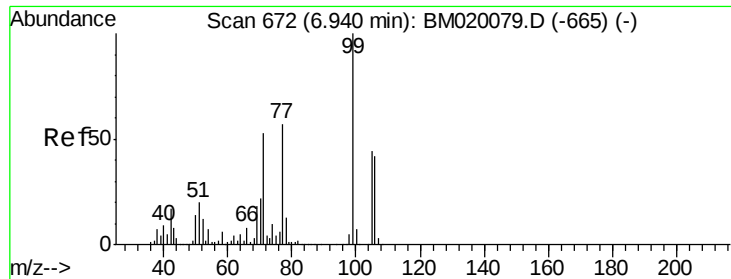


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)

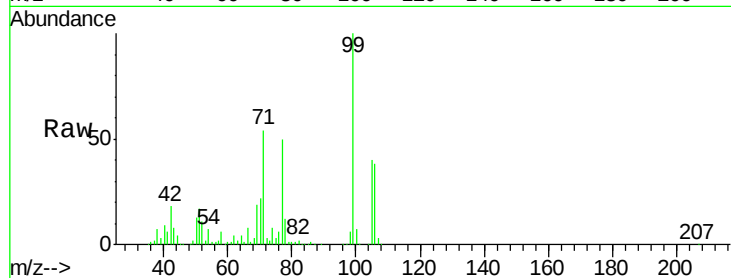




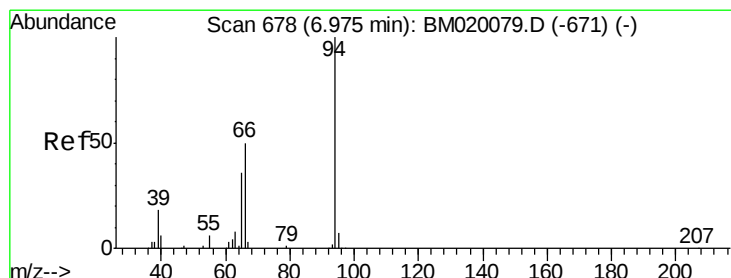
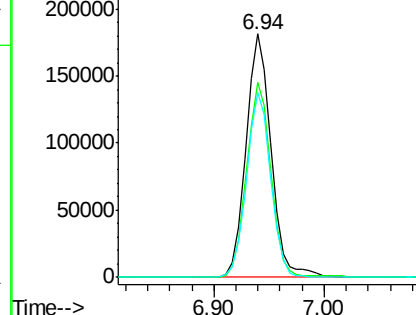
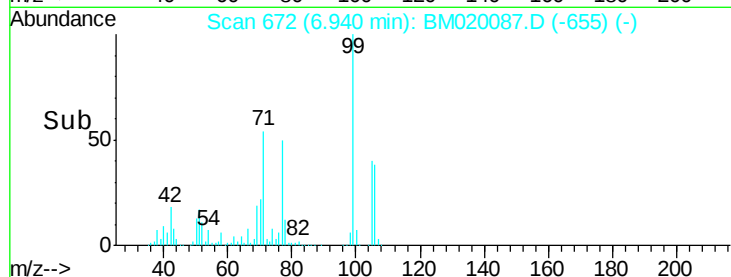
#9
Benzaldehyde
Concen: 31.393 ng
RT: 6.94 min Scan# 672
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 289910
Ion Ratio Lower Upper
77 100
105 80.2 57.8 97.8
106 75.9 53.6 93.6

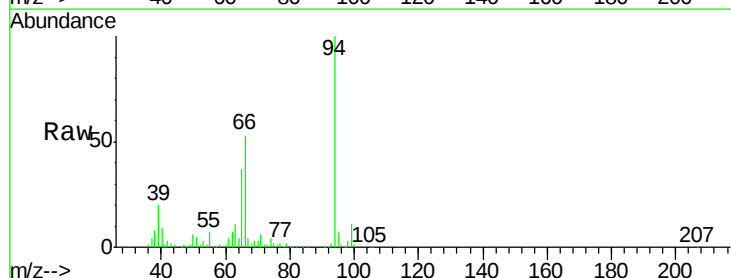


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

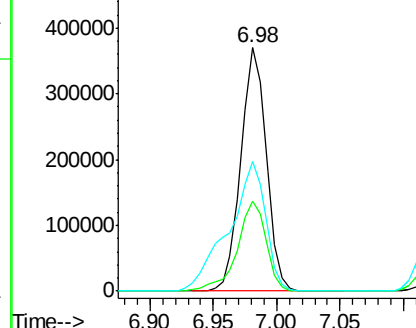
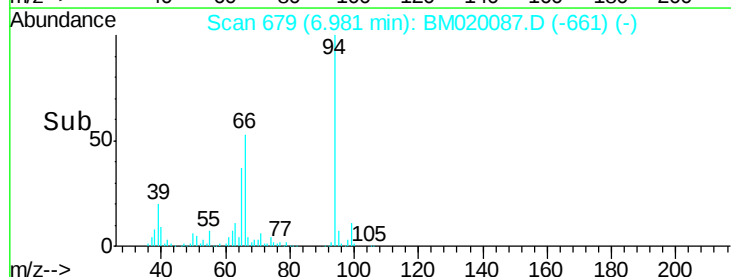


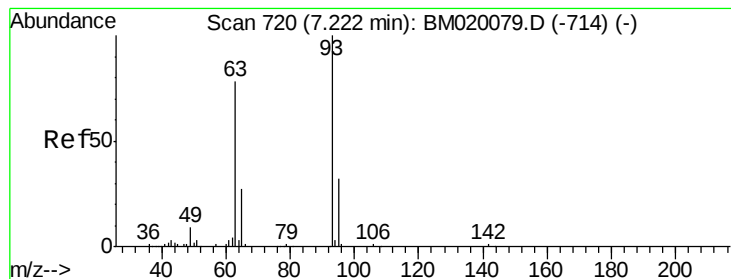
#10
Phenol
Concen: 39.195 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion: 94 Resp: 514832
Ion Ratio Lower Upper
94 100
65 37.2 17.0 57.0
66 53.2 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0

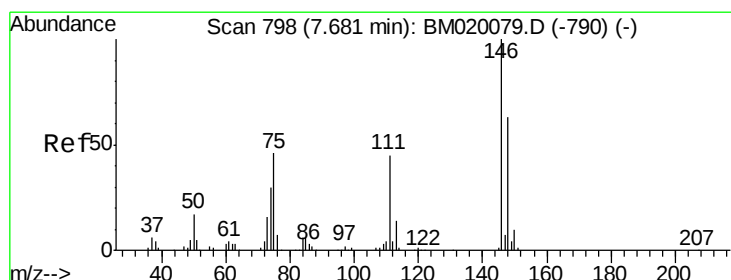
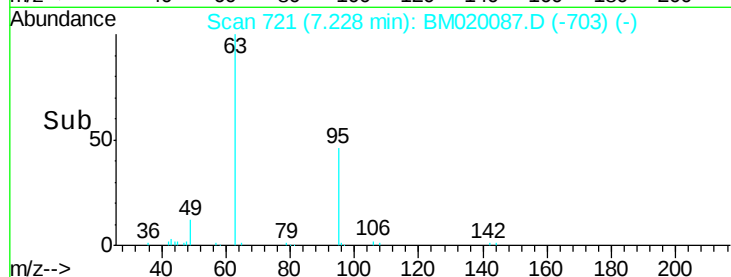
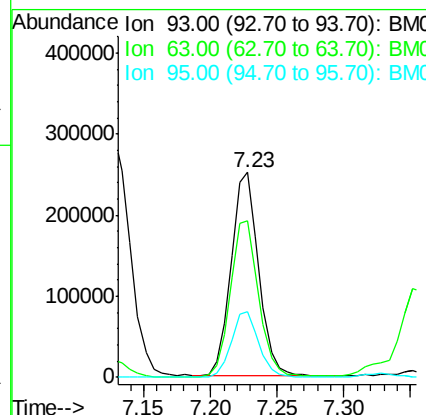
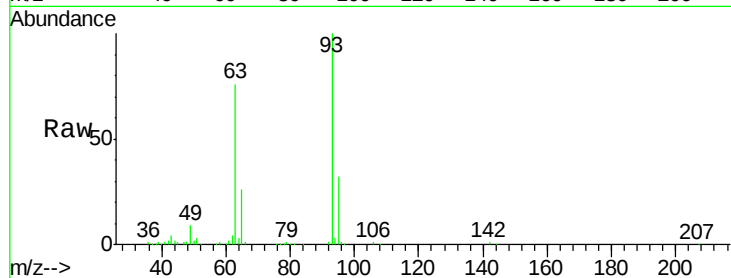




#11
 bis(2-Chloroethyl)ether
 Concen: 38.037 ng
 RT: 7.23 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

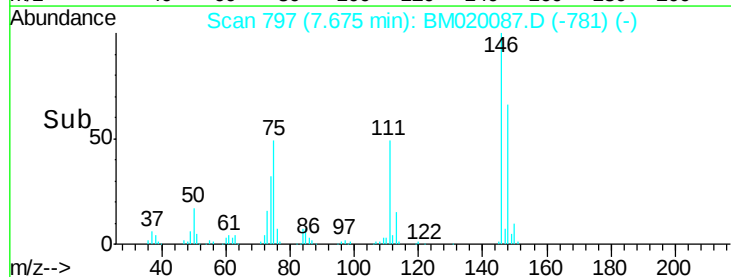
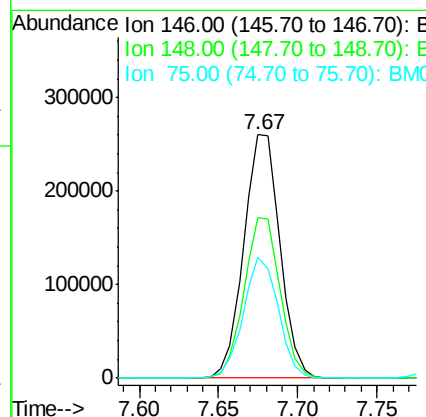
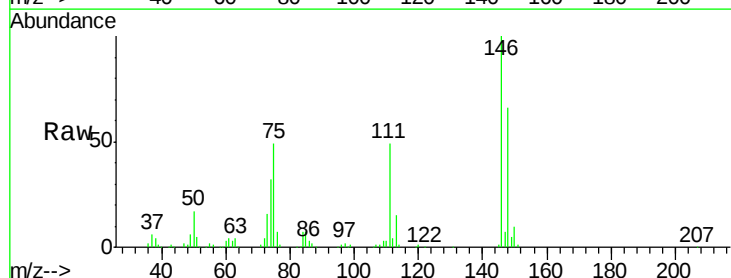
Instrument :
 BNA_M
 ClientSampled :

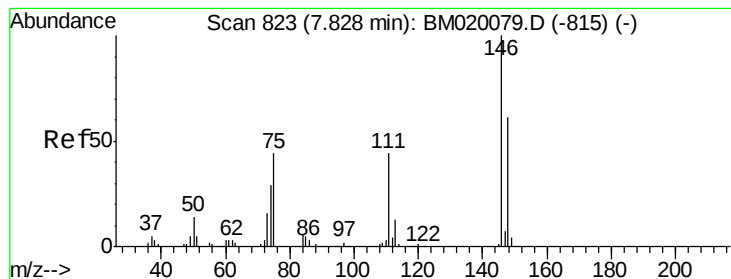
Tot Ion	93	Resp	363130
Ion	Ratio	Lower	Upper
93	100		
63	76.2	57.9	97.9
95	32.0	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 36.460 ng
 RT: 7.67 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	146	Resp	412529
Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.1	75.1
75	49.4	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 37.126 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampled :

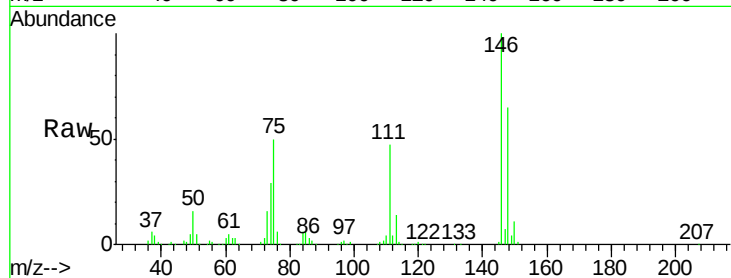
Tot Ion:146 Resp: 424352

Ion Ratio Lower Upper

146 100

148 65.1 48.5 72.7

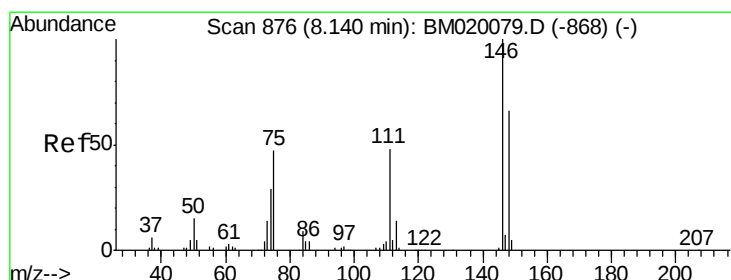
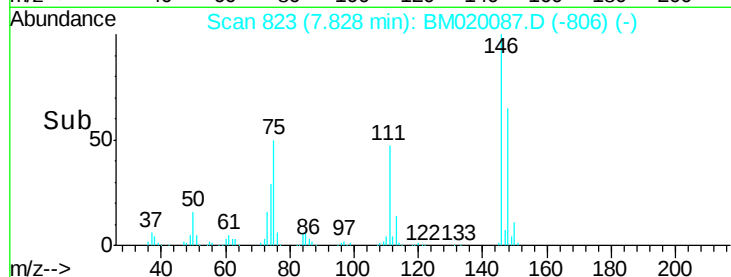
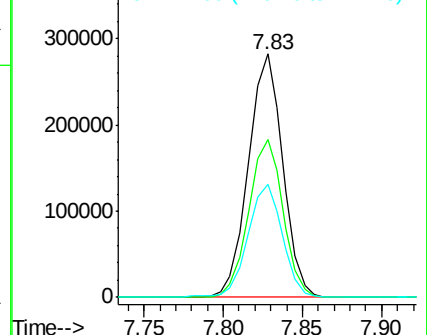
111 46.6 35.7 53.5



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: 37.557 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

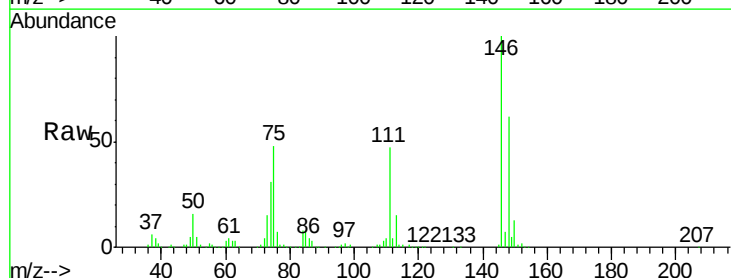
Tgt Ion:146 Resp: 408979

Ion Ratio Lower Upper

146 100

148 62.3 52.6 79.0

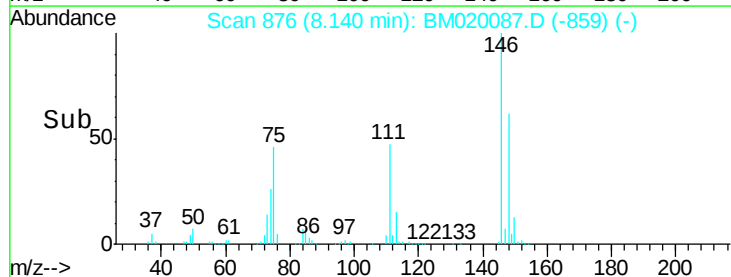
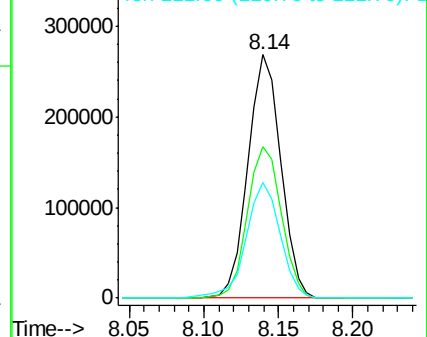
111 47.5 39.0 58.4

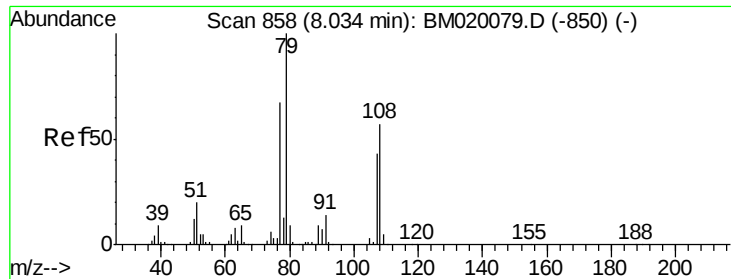


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

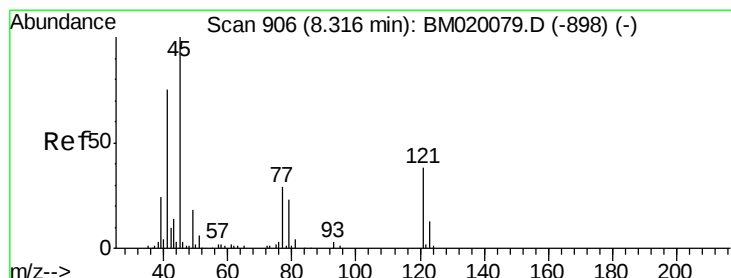
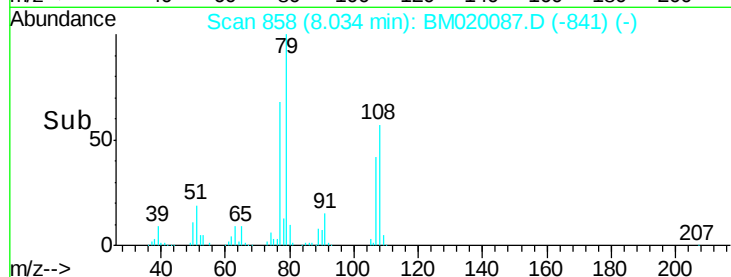
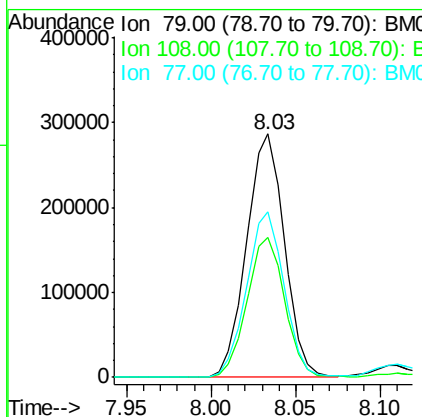
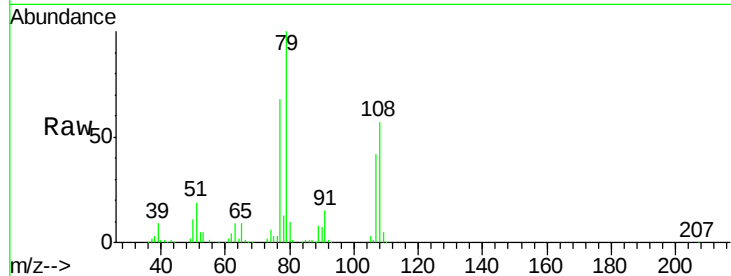




#15
Benzyl Alcohol
Concen: 38.119 ng
RT: 8.03 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

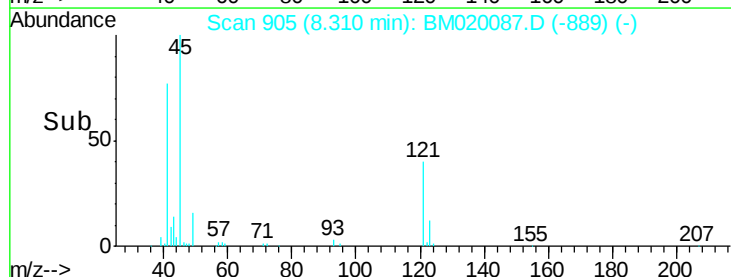
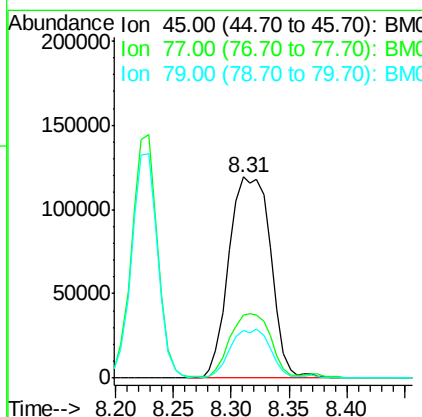
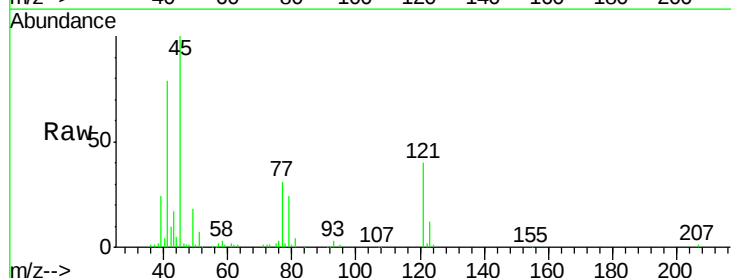
Instrument :
BNA_M
ClientSampled :

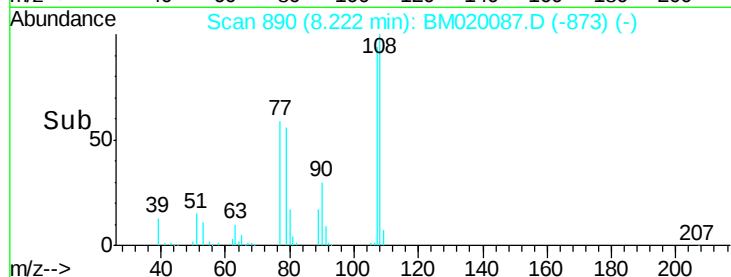
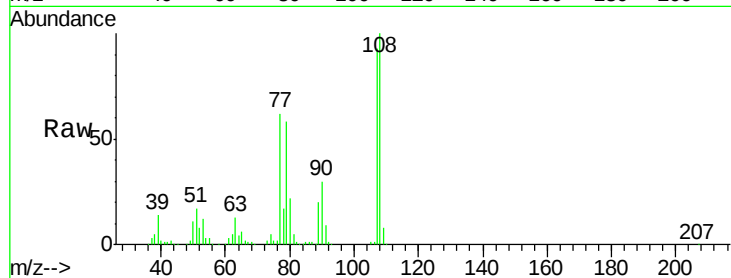
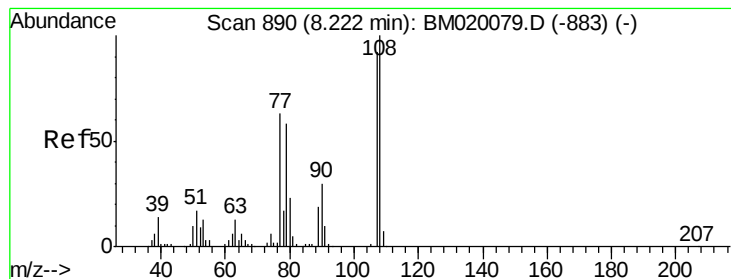
Tot Ion: 79 Resp: 448482
Ion Ratio Lower Upper
79 100
108 57.5 46.0 69.0
77 68.2 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.933 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion: 45 Resp: 300287
Ion Ratio Lower Upper
45 100
77 31.1 10.5 50.5
79 23.6 3.3 43.3





#17

2-Methylphenol

Concen: 39.407 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 333205

Ion Ratio Lower Upper

107 100

108 107.2 87.0 130.4

77 66.1 54.7 82.1

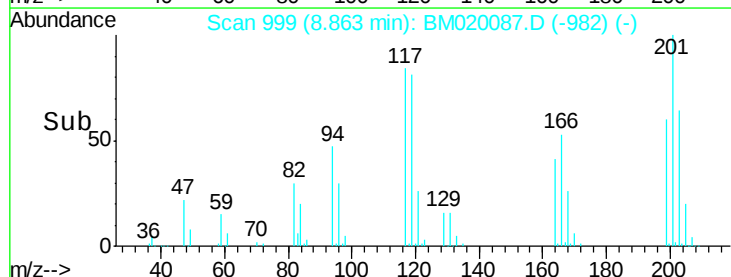
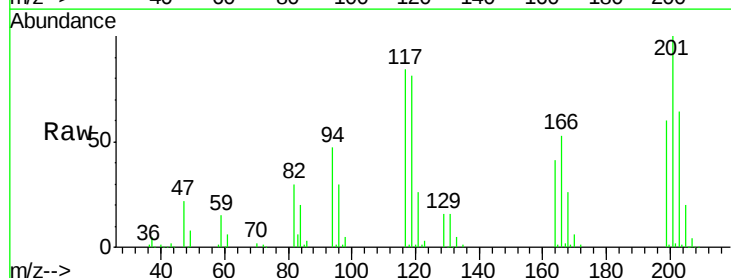
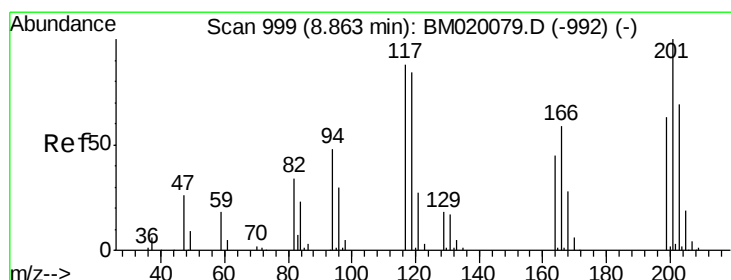
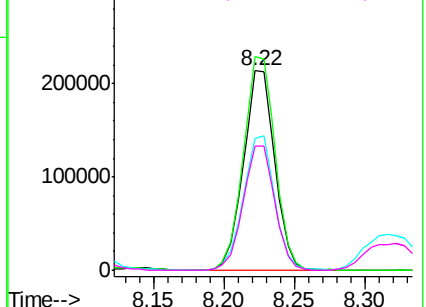
79 62.0 50.1 75.1

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: 35.881 ng

RT: 8.86 min Scan# 999

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:117 Resp: 171005

Ion Ratio Lower Upper

117 100

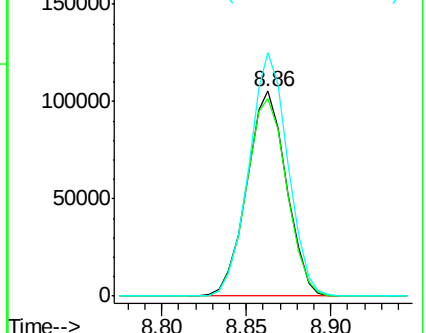
119 96.8 76.6 114.8

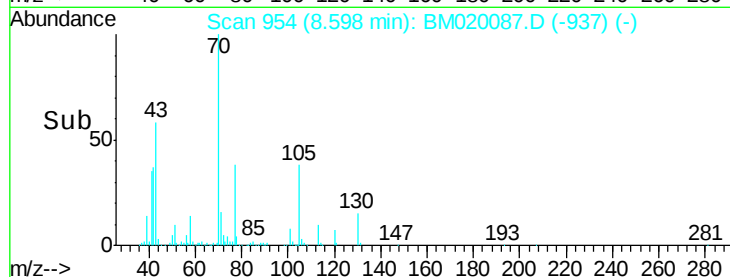
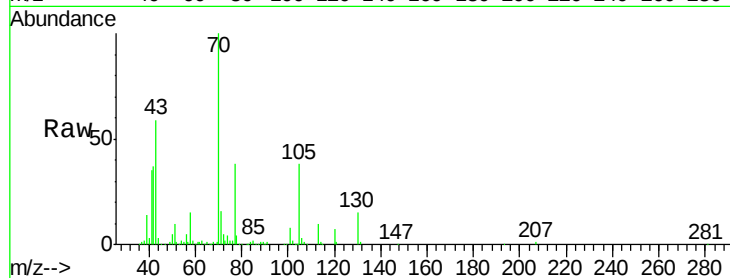
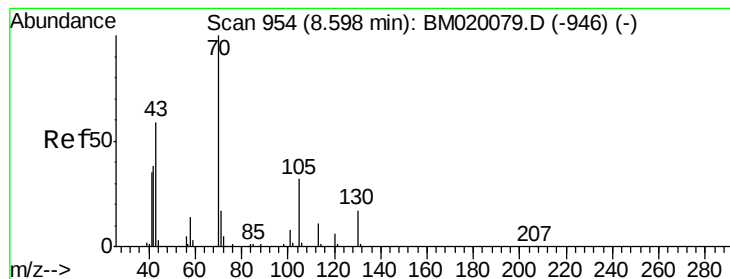
201 119.0 90.7 136.1

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: 36.549 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 381533

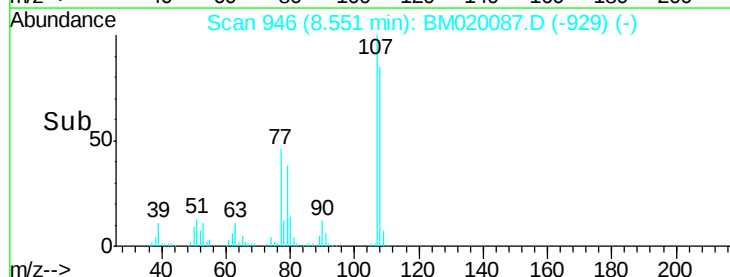
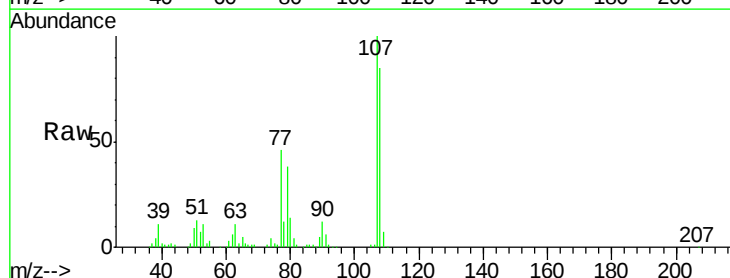
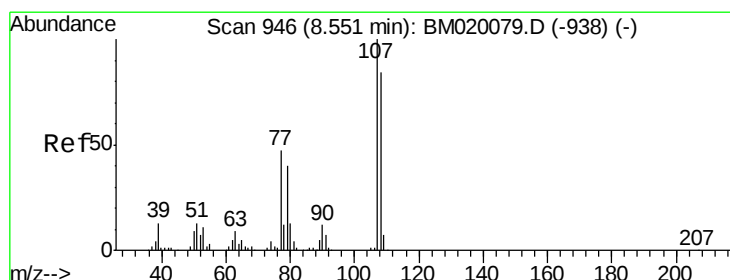
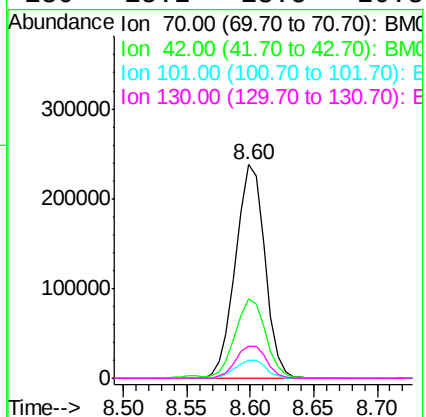
Ion Ratio Lower Upper

70 100

42 37.2 31.0 46.4

101 8.3 6.2 9.2

130 15.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 38.953 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:107 Resp: 437742

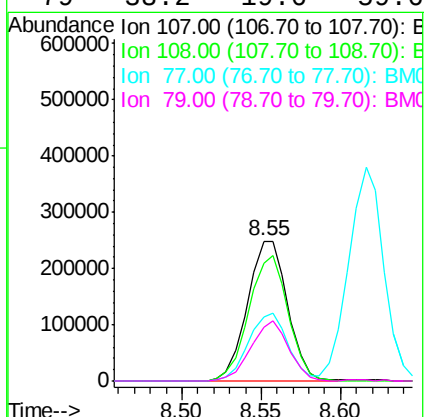
Ion Ratio Lower Upper

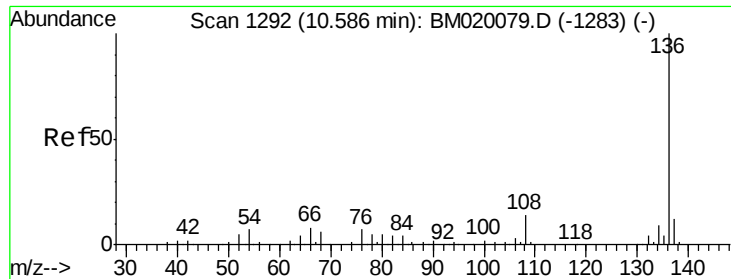
107 100

108 84.5 64.4 104.4

77 46.0 27.2 67.2

79 38.2 19.6 59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 549544

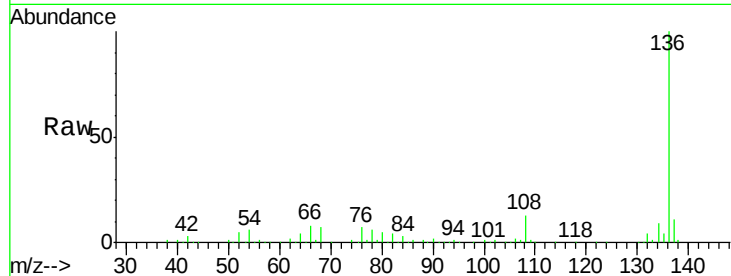
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.5 5.5 8.3

68 6.8 4.6 6.8

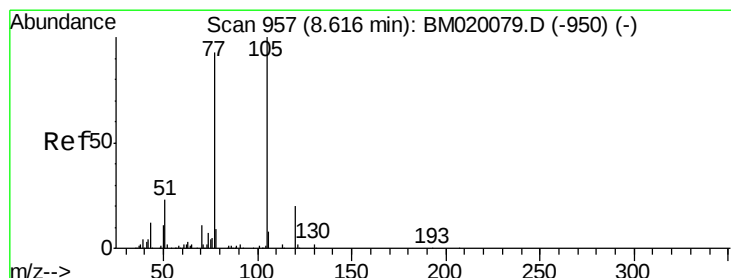
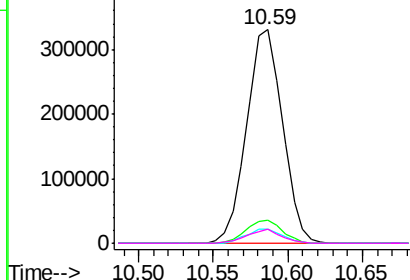
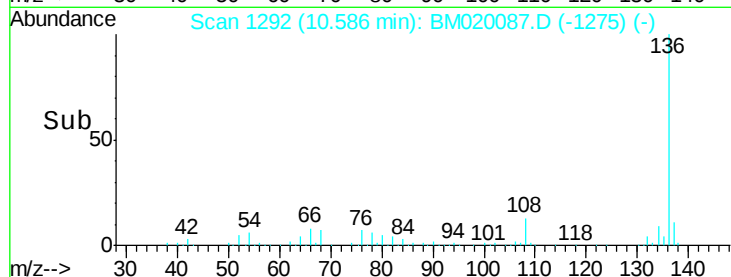


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.137 ng

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:105 Resp: 617834

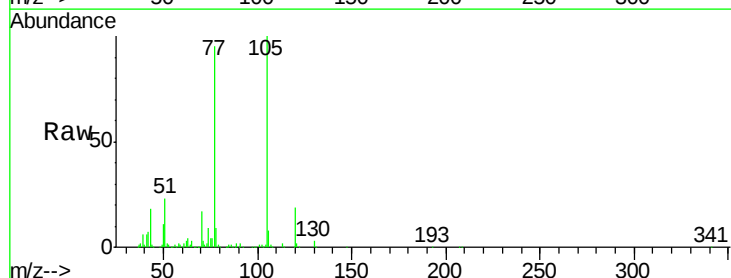
Ion Ratio Lower Upper

105 100

71 2.7 2.2 3.2

51 23.4 19.3 28.9

120 19.3 16.2 24.4

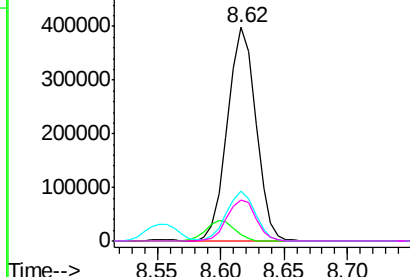
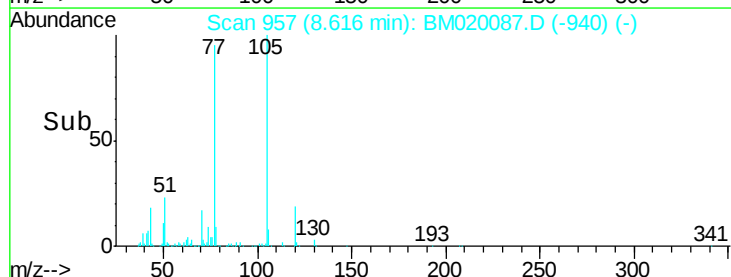


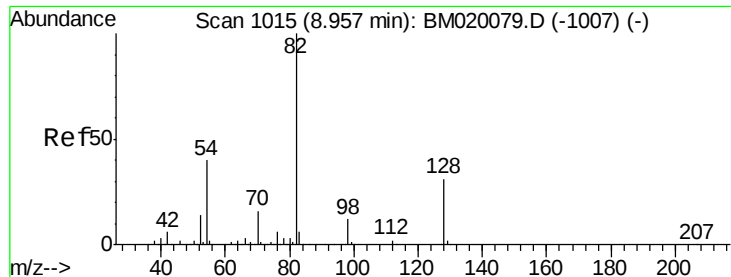
Abundance Ion 105.00 (104.70 to 105.70): E

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

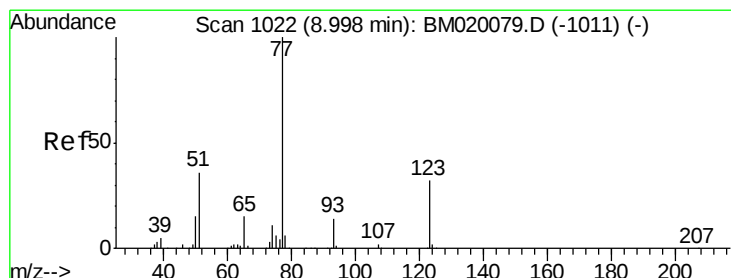
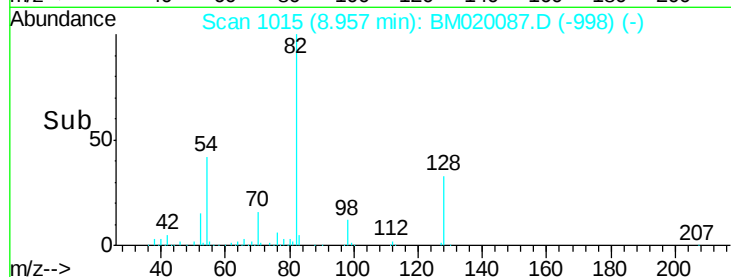
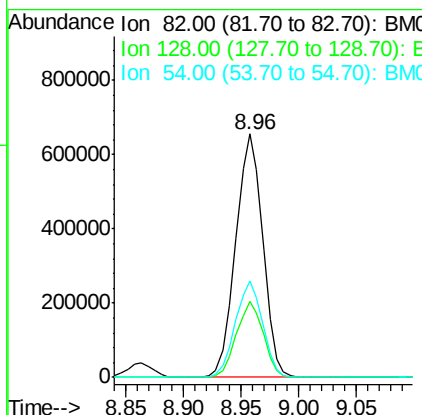
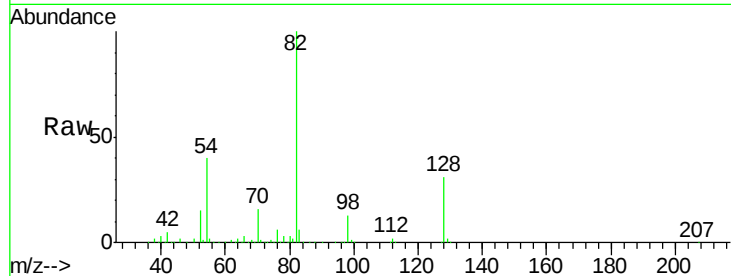




#23
 Nitrobenzene-d5
 Concen: 76.498 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

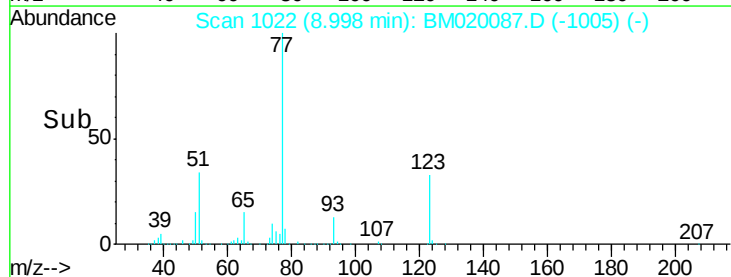
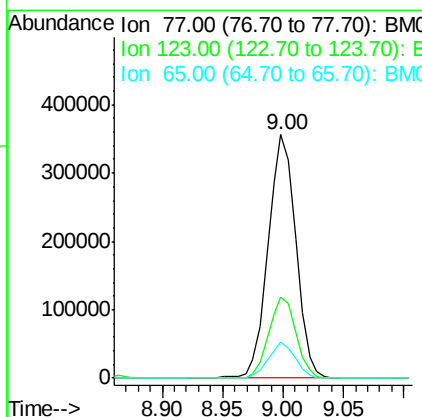
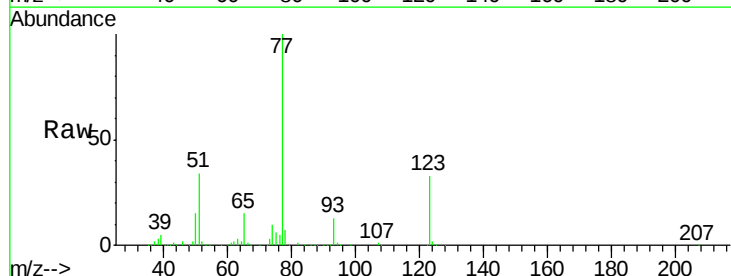
Instrument :
 BNA_M
 ClientSampled :

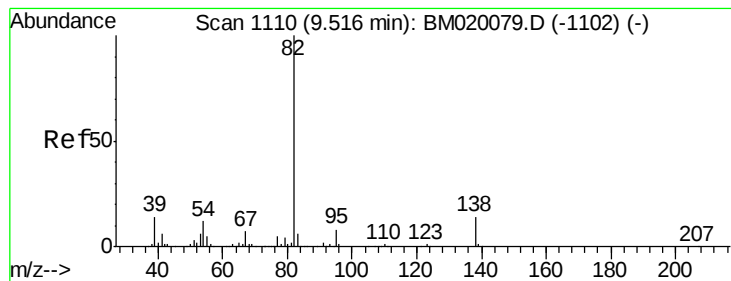
Tot Ion: 82 Resp: 1064811
 Ion Ratio Lower Upper
 82 100
 128 31.4 25.2 37.8
 54 39.7 31.9 47.9



#24
 Nitrobenzene
 Concen: 39.069 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion: 77 Resp: 563847
 Ion Ratio Lower Upper
 77 100
 123 33.2 25.5 38.3
 65 15.1 11.8 17.6





#25

Isophorone

Concen: 38.796 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

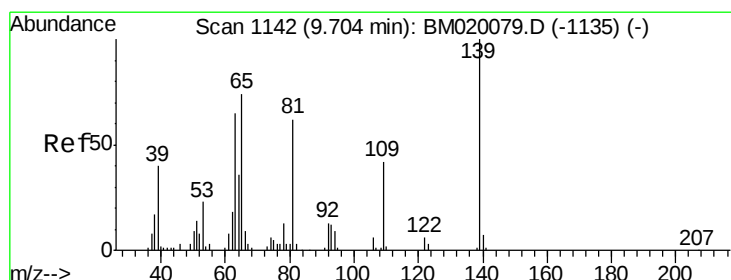
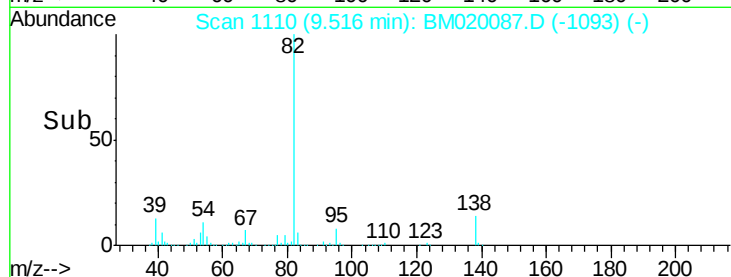
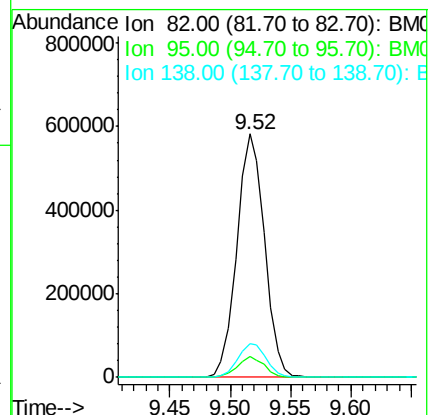
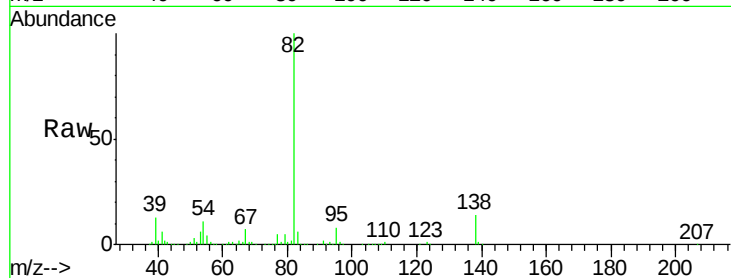
Tot Ion: 82 Resp: 931256

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

138 13.6 11.1 16.7



#26

2-Nitrophenol

Concen: 41.393 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

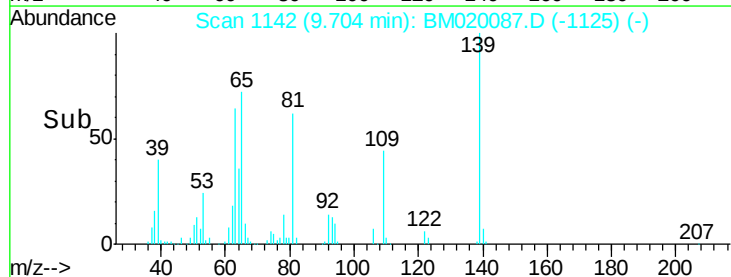
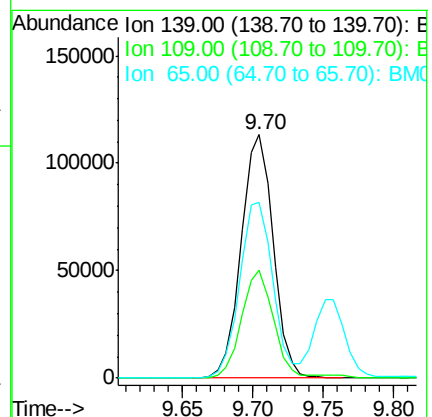
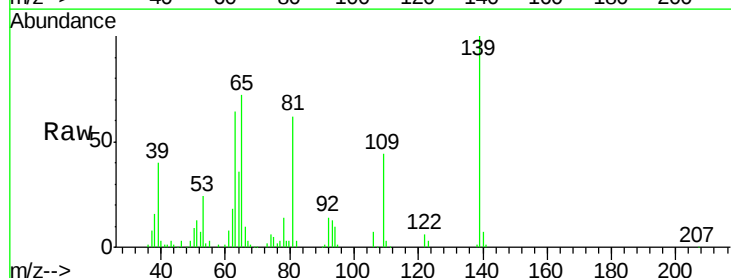
Tgt Ion: 139 Resp: 180351

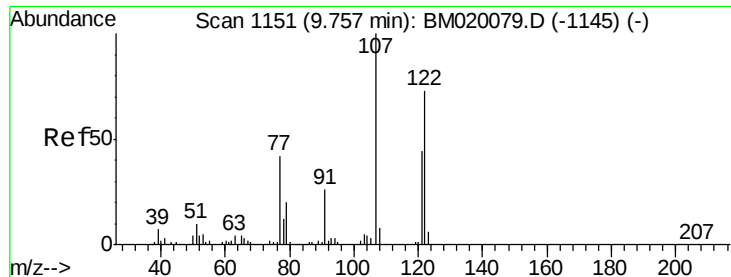
Ion Ratio Lower Upper

139 100

109 44.3 33.7 50.5

65 72.3 59.5 89.3

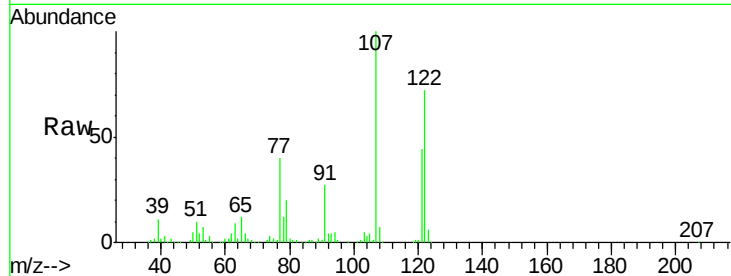




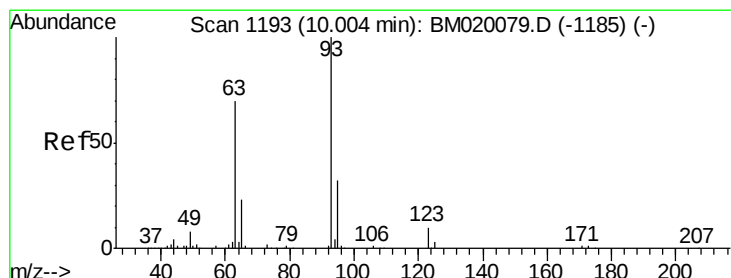
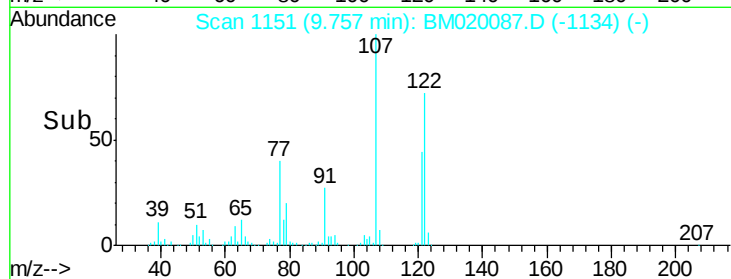
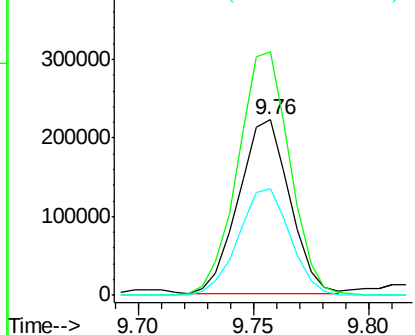
#27
 2,4-Dimethylphenol
 Concen: 46.774 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 339294
 Ion Ratio Lower Upper
 122 100
 107 138.6 108.6 162.8
 121 60.9 47.4 71.2

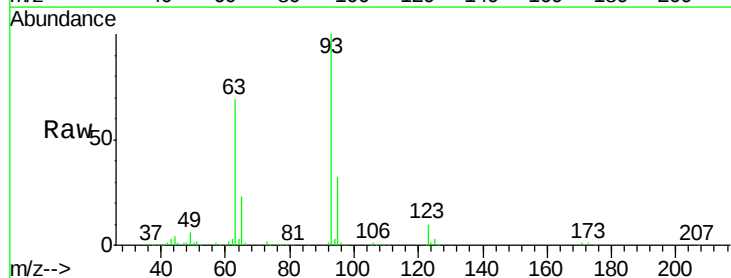


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

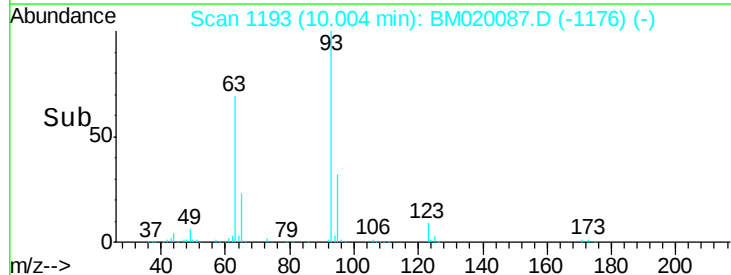
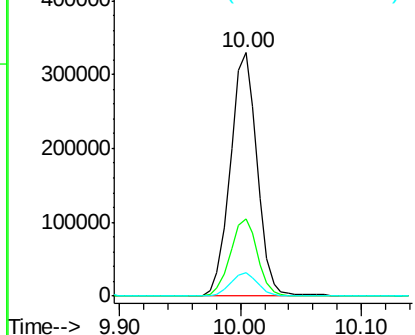


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.030 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion: 93 Resp: 510260
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 9.6 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

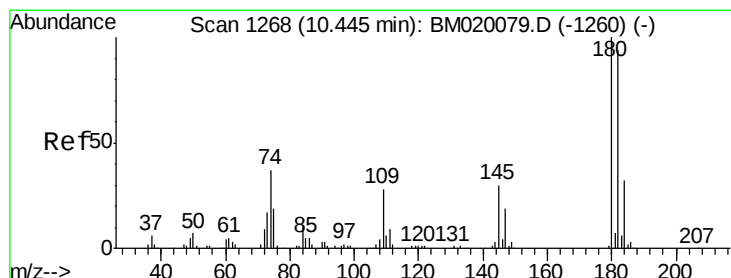
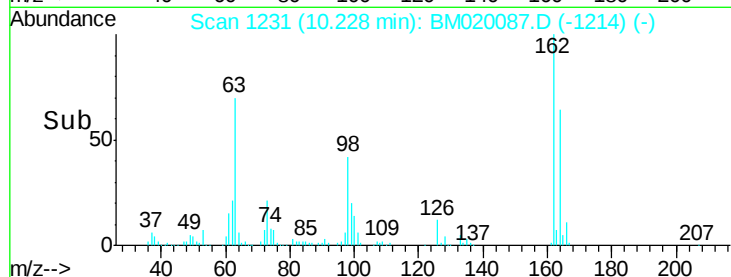
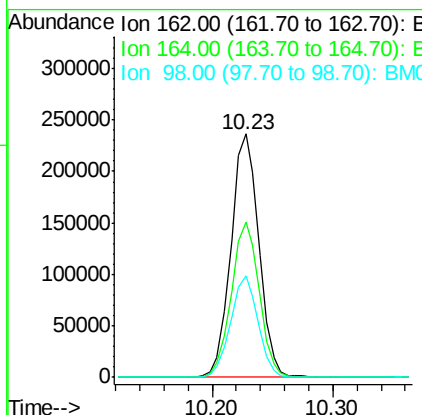
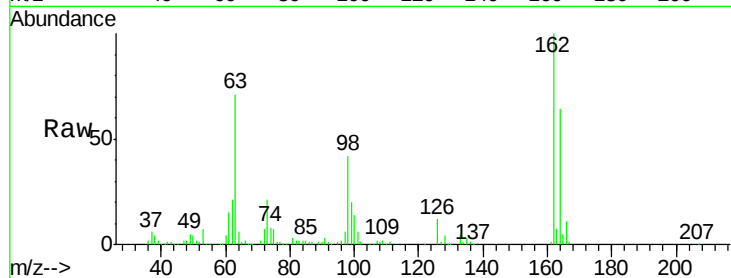




#29
 2,4-Dichlorophenol
 Concen: 41.603 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

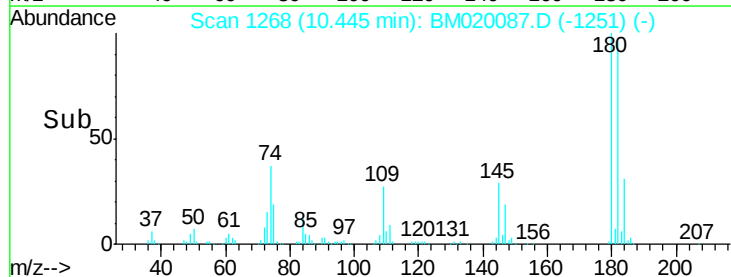
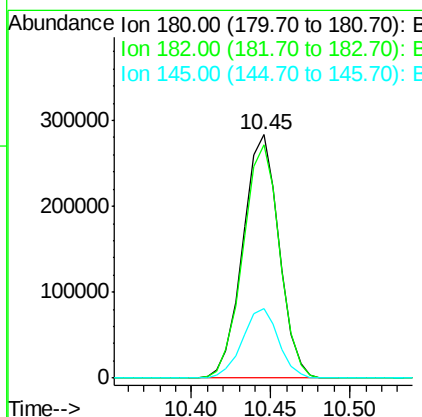
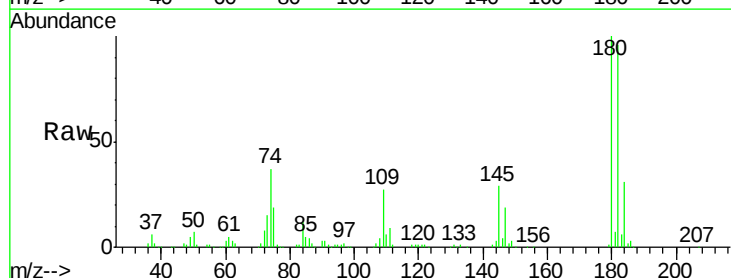
Instrument :
 BNA_M
 ClientSampleId :

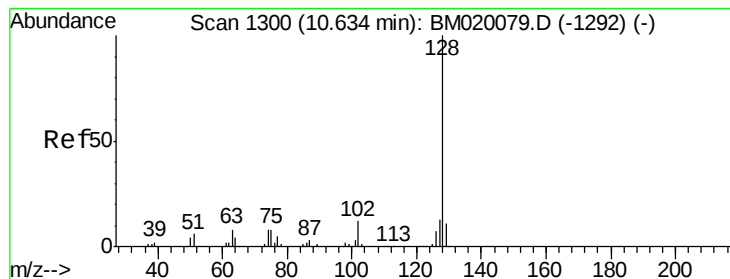
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.6	85.6
98	41.5	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.015 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	28.7	23.8	35.8

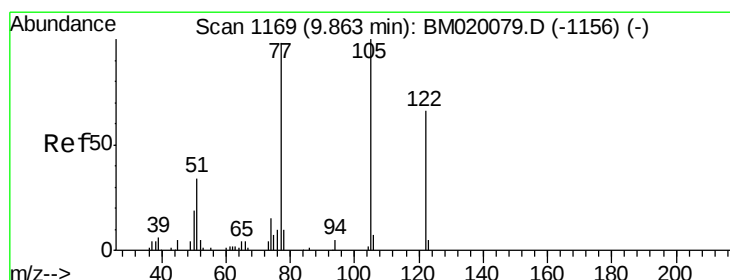
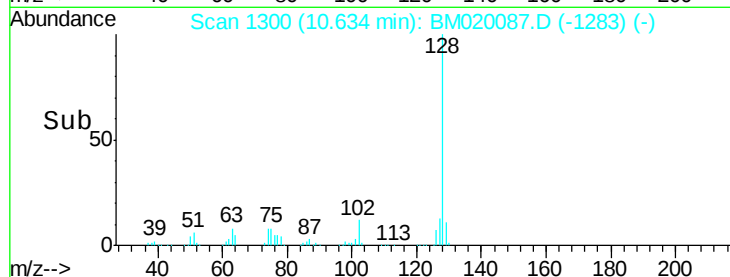
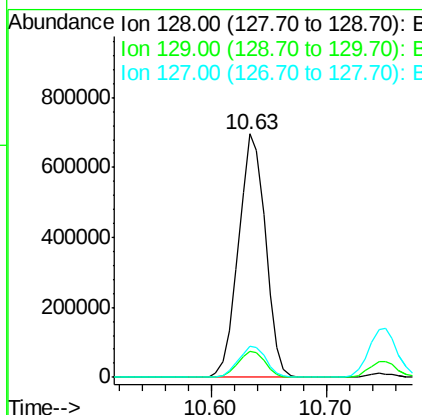
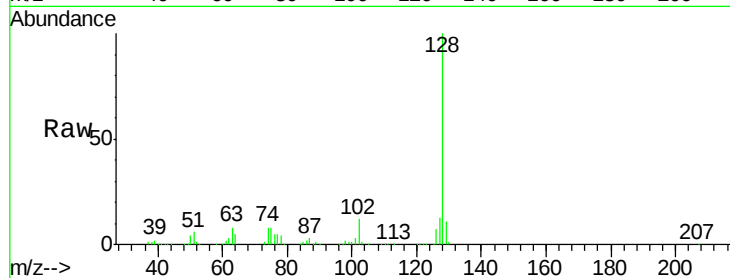




#31
Naphthalene
Concen: 39.485 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

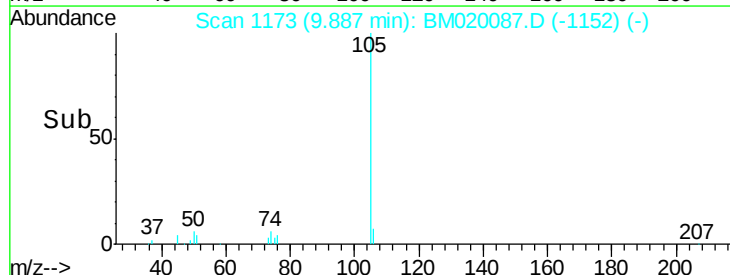
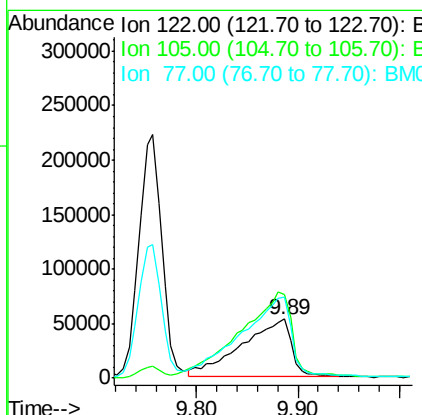
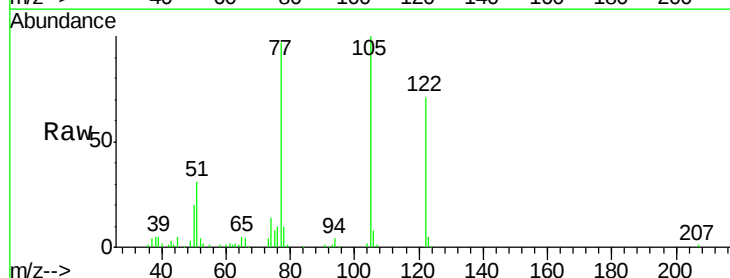
Instrument :
BNA_M
ClientSampleId :

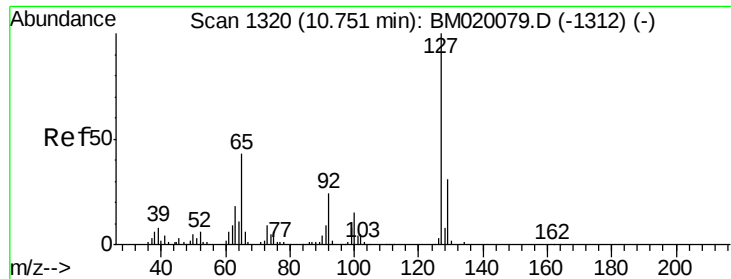
Tot Ion:128 Resp: 1126022
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 36.097 ng
RT: 9.89 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:122 Resp: 176491
Ion Ratio Lower Upper
122 100
105 141.8 122.5 162.5
77 138.1 123.3 163.3

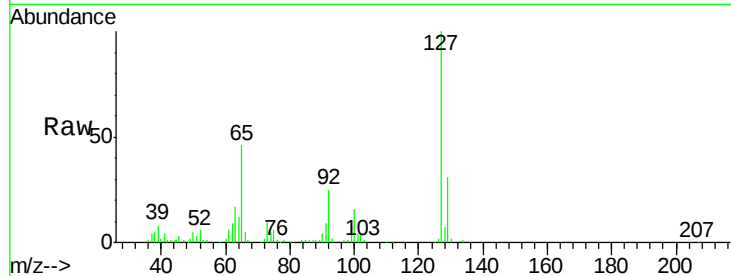




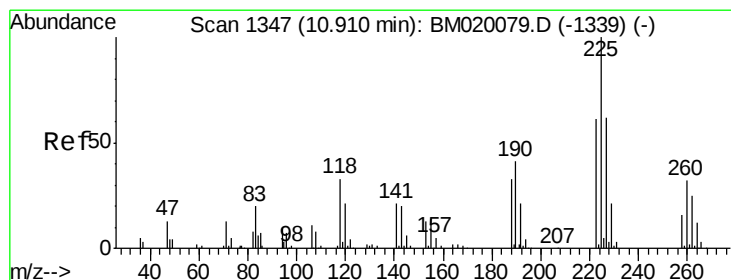
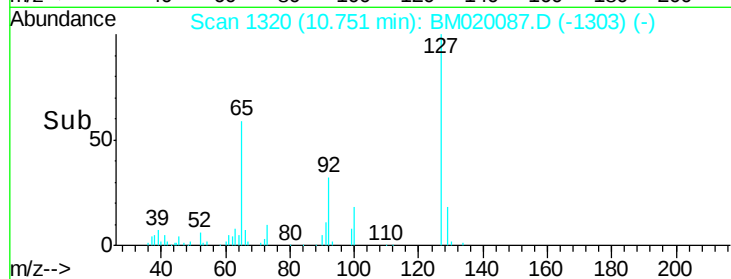
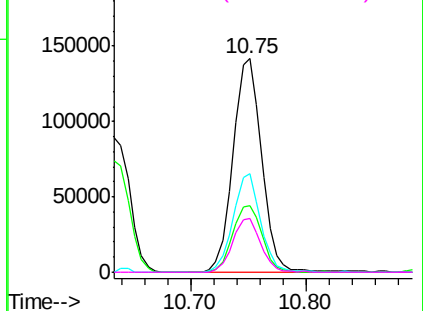
#33
4-Chloroaniline
Concen: 20.791 ng
RT: 10.75 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	244034
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.7	37.1
65	46.2	34.6	52.0
92	25.3	19.5	29.3

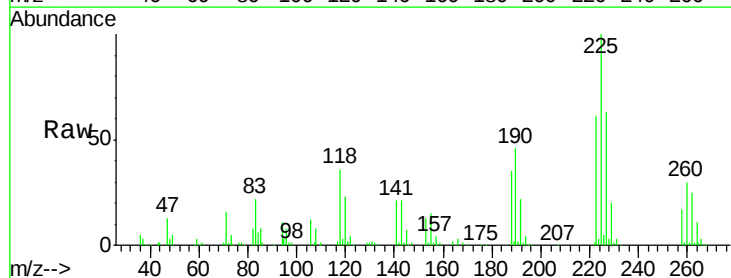


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

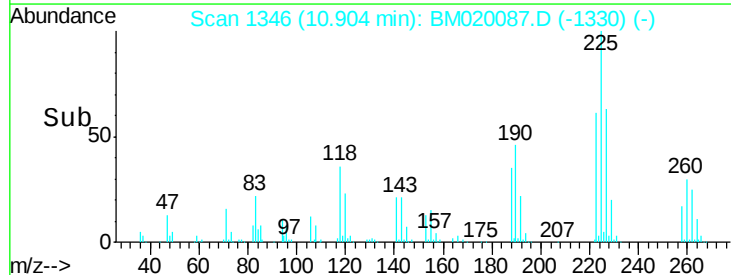
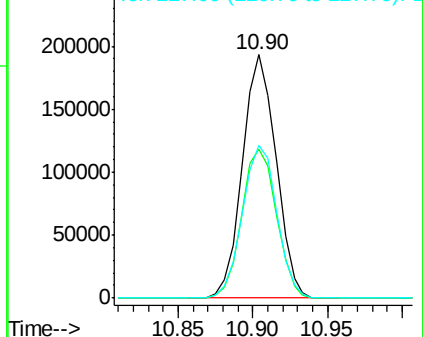


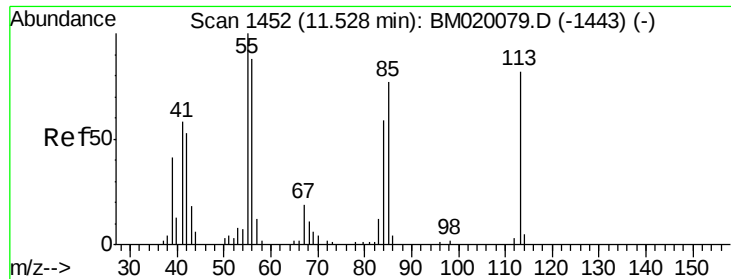
#34
Hexachlorobutadiene
Concen: 37.806 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:	225	Resp:	301003
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.9	73.3
227	62.9	49.6	74.4



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

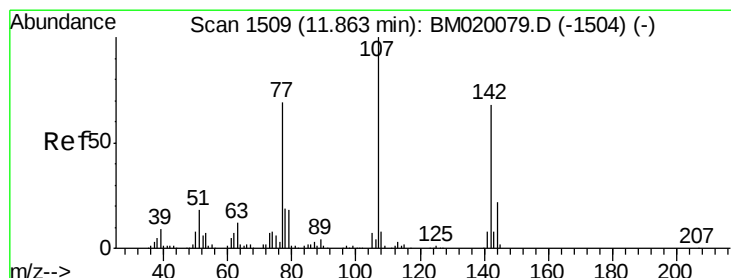
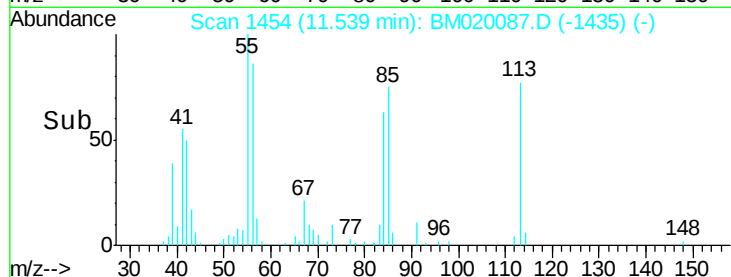
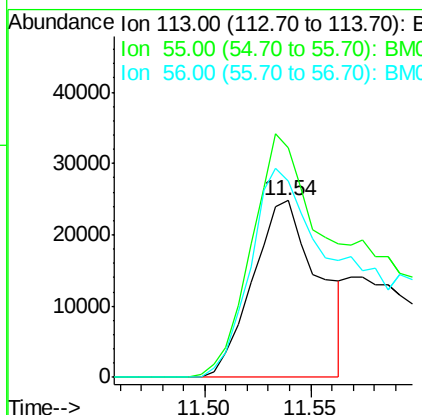
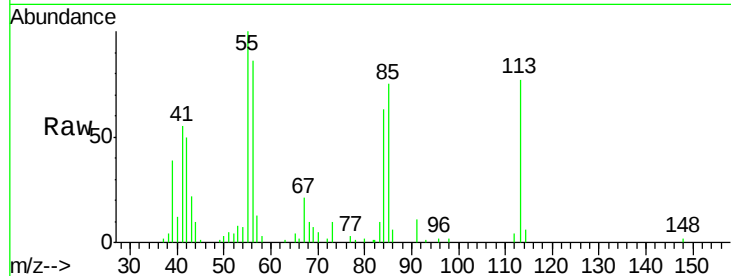




#35
 Caprolactam
 Concen: 19.703 ng
 RT: 11.54 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

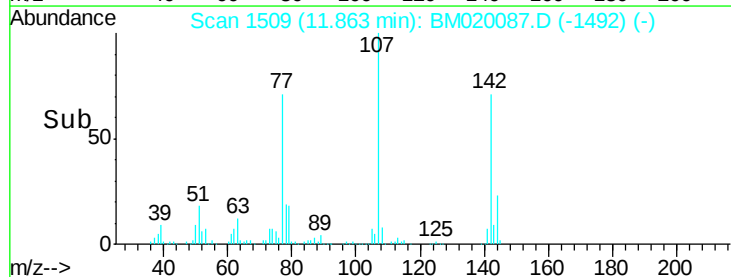
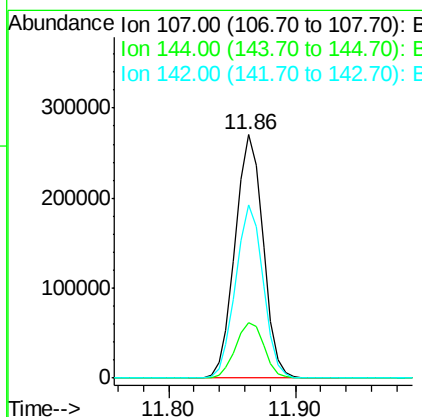
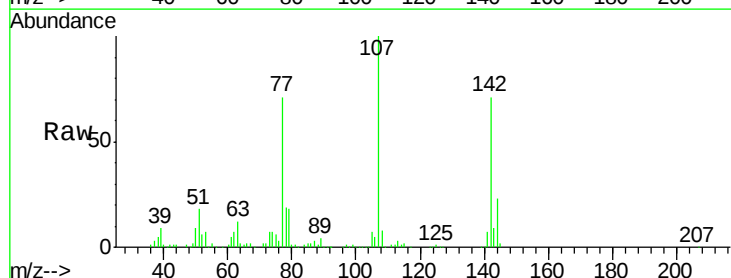
Instrument :
 BNA_M
 ClientSampleId :

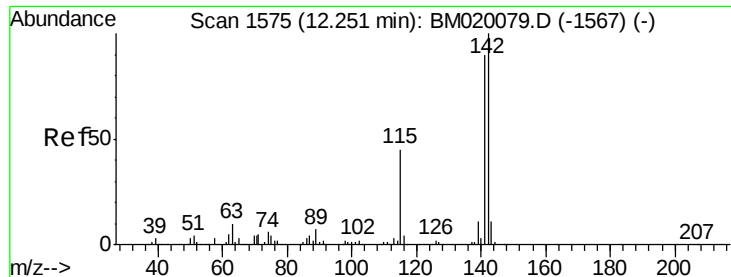
Tot Ion:113 Resp: 53890
 Ion Ratio Lower Upper
 113 100
 55 129.7 102.5 142.5
 56 110.9 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.591 ng
 RT: 11.86 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion:107 Resp: 414811
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.6 26.4
 142 71.3 54.6 82.0





#37

2-Methylnaphthalene

Concen: 39.767 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

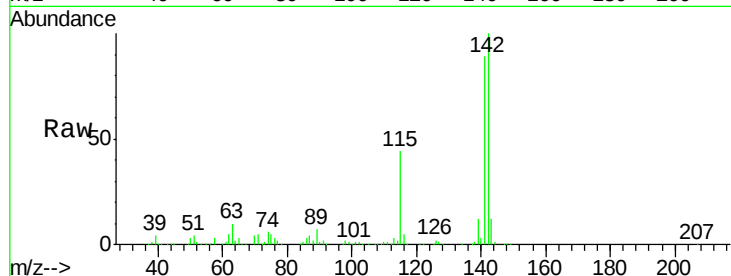
Tot Ion:142 Resp: 826780

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4

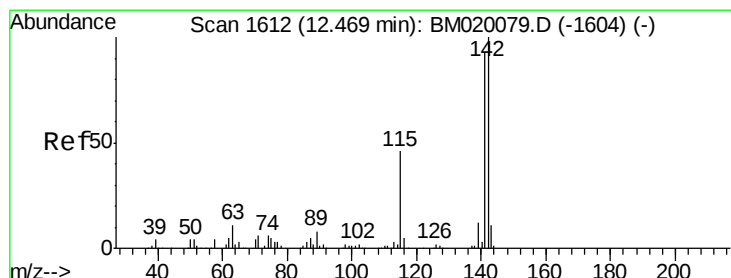
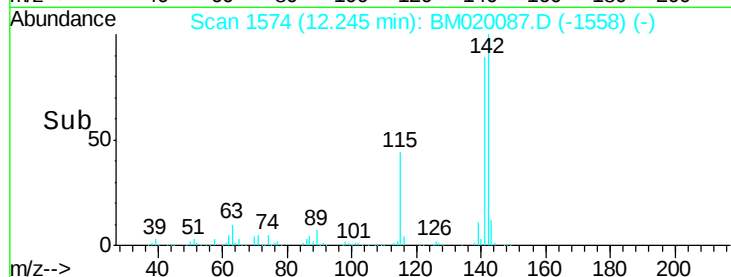
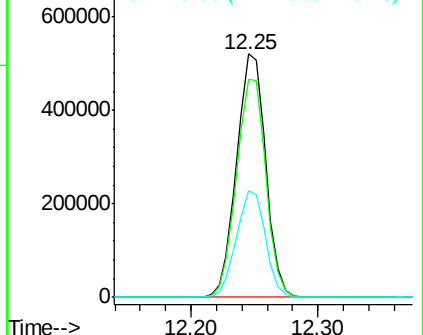
115 43.8 35.8 53.6



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: 38.661 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

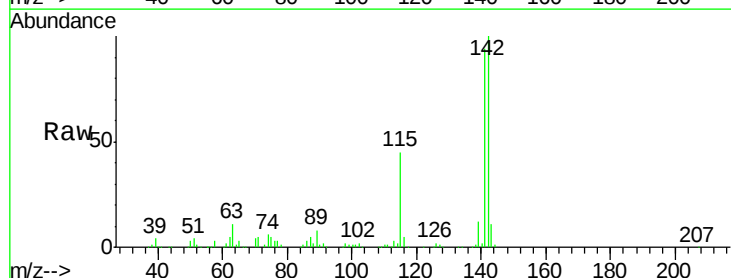
Tgt Ion:142 Resp: 785986

Ion Ratio Lower Upper

142 100

141 94.1 74.8 112.2

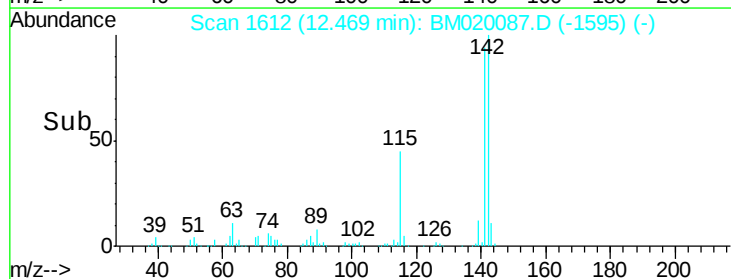
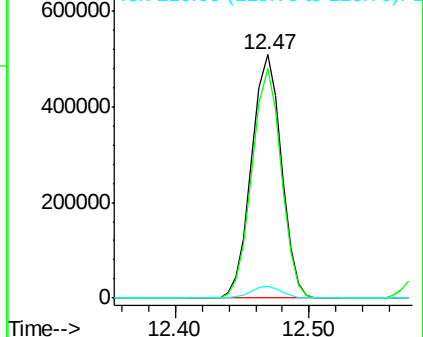
116 4.9 3.9 5.9

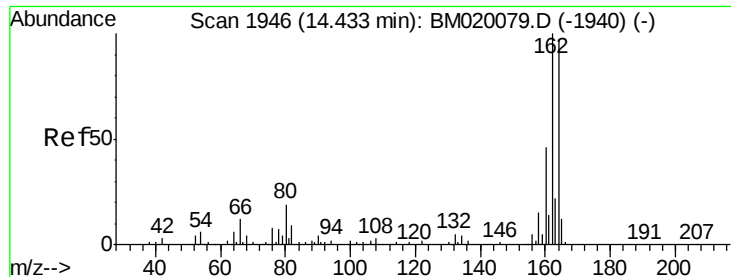


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

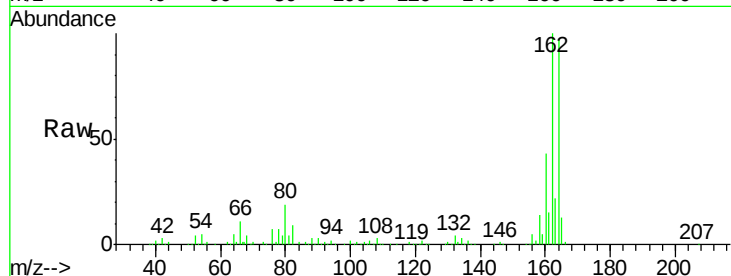
Tot Ion:164 Resp: 331115

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

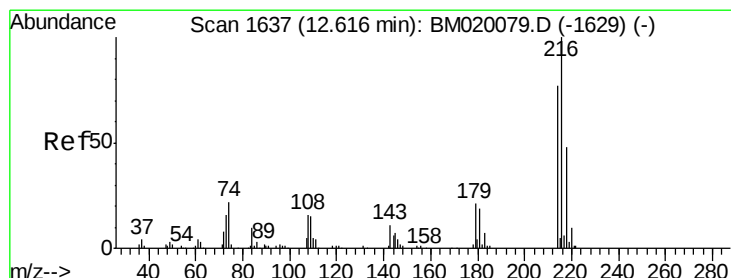
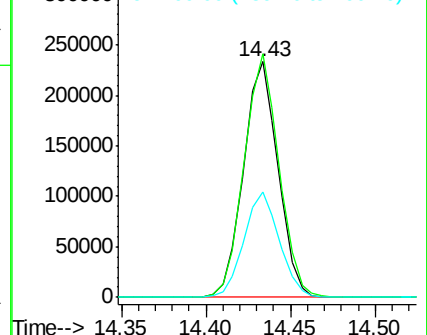
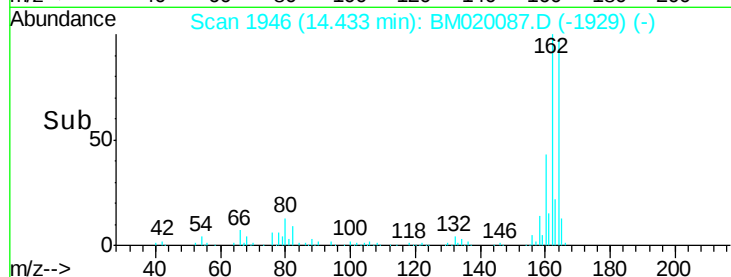
160 44.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.405 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:216 Resp: 523427

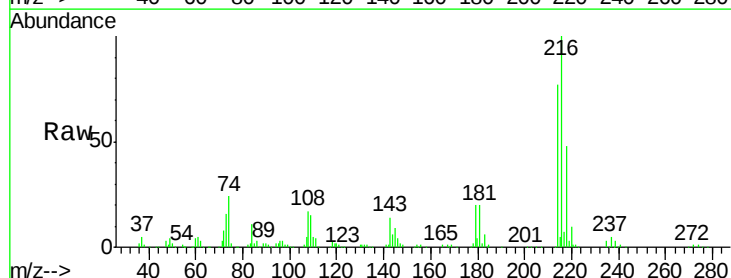
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.8 17.1 25.7

108 21.9 15.8 23.6

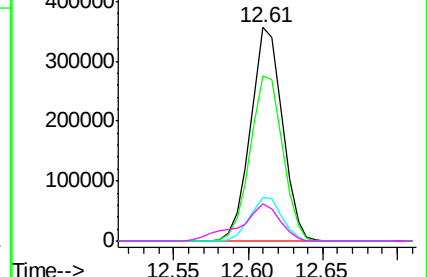
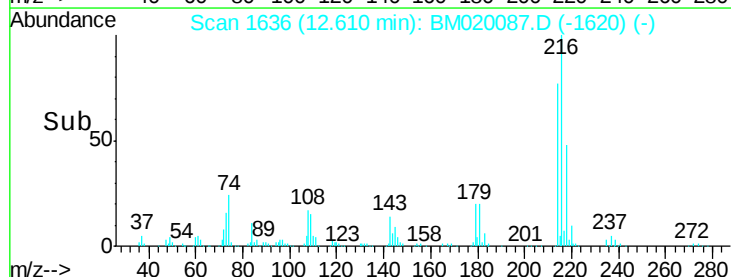


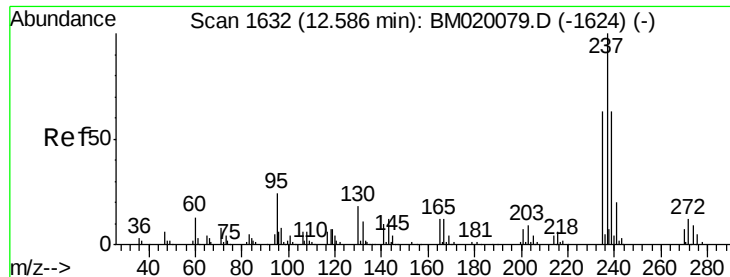
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.089 ng

RT: 12.59 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

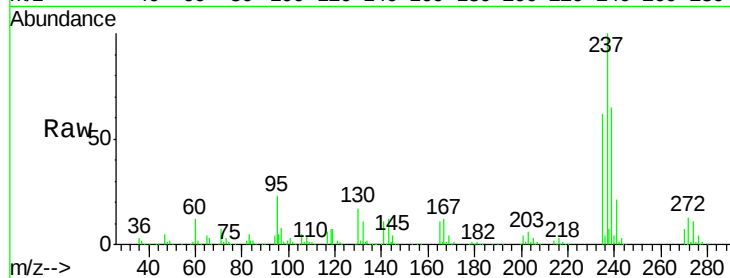
Tot Ion:237 Resp: 710049

Ion Ratio Lower Upper

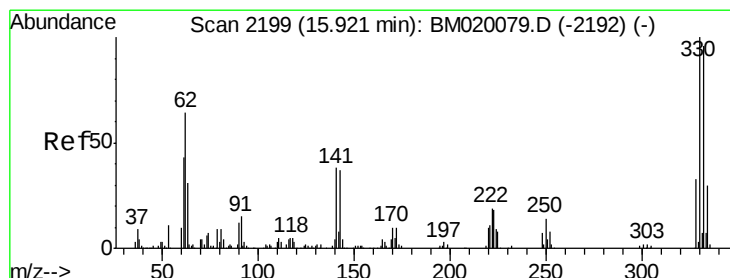
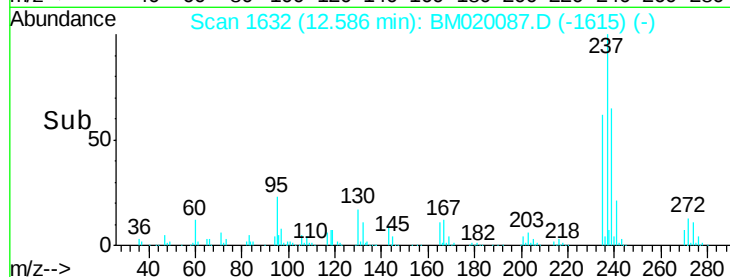
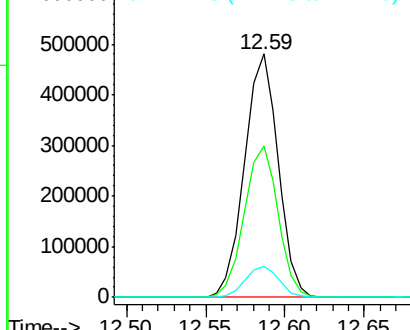
237 100

235 62.3 43.4 83.4

272 12.6 0.0 31.7



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: 131.114 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

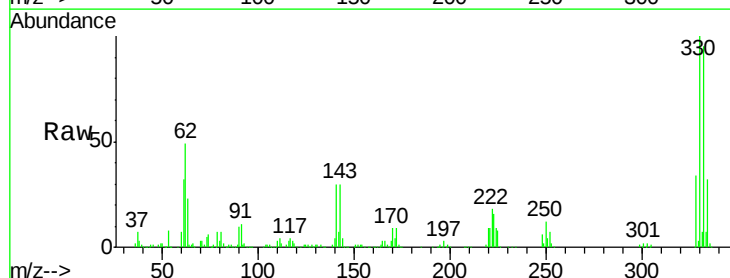
Tgt Ion:330 Resp: 673862

Ion Ratio Lower Upper

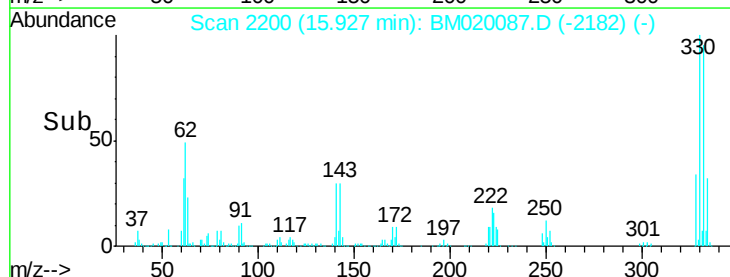
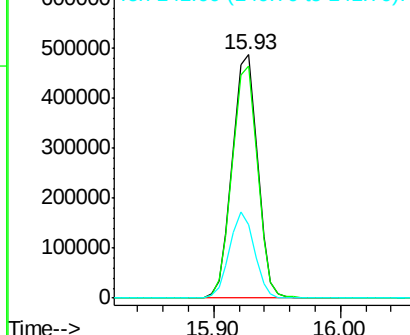
330 100

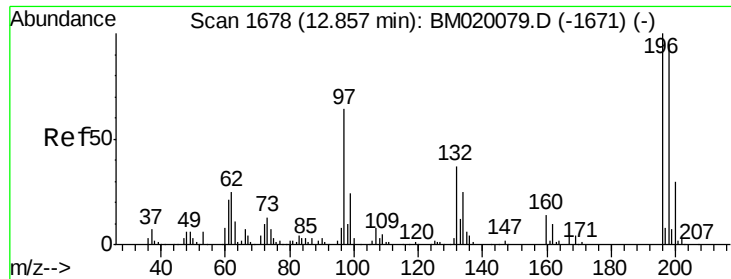
332 96.1 76.8 115.2

141 35.0 29.2 43.8



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

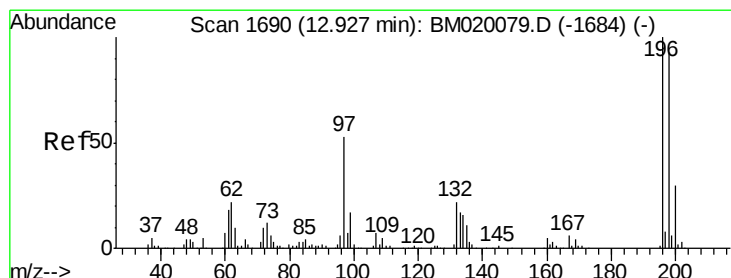
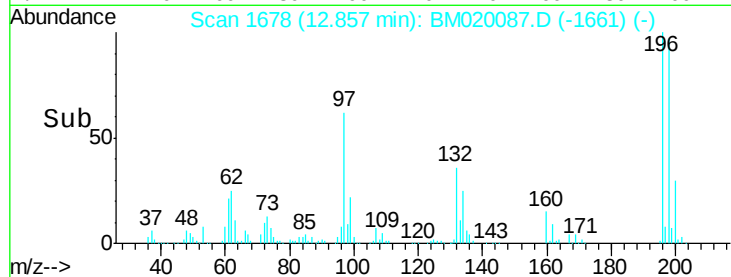
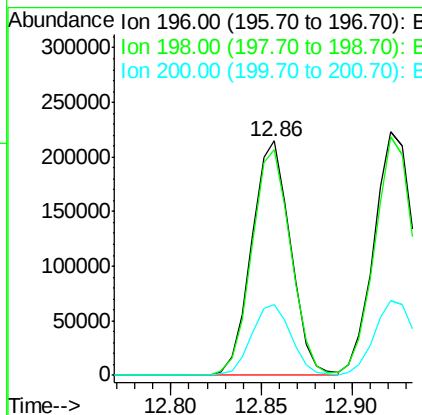
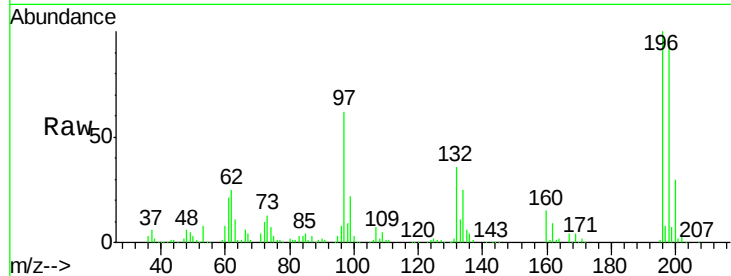




#43
 2,4,6-Trichlorophenol
 Concen: 43.366 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

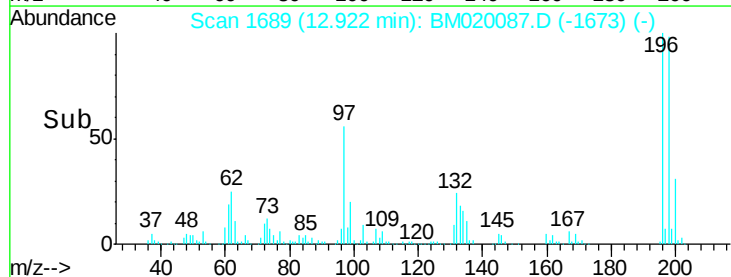
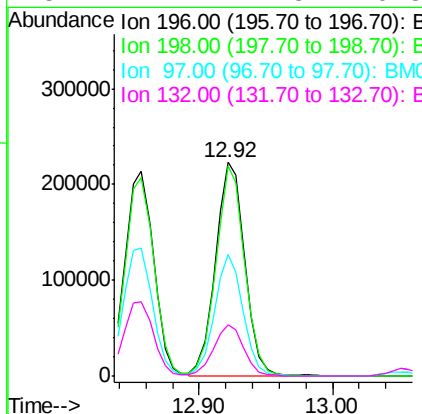
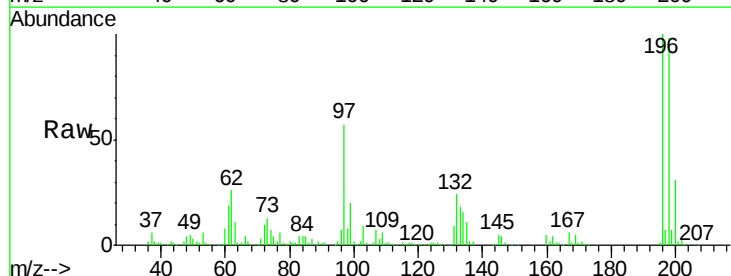
Instrument :
 BNA_M
 ClientSampleId :

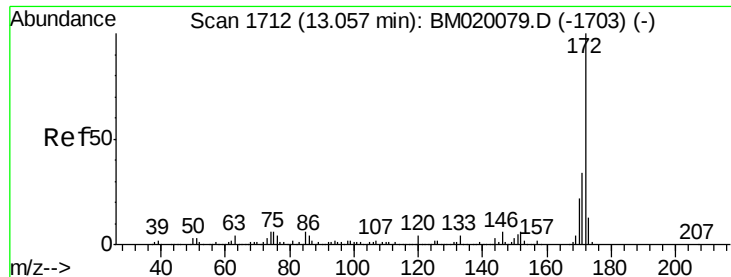
Tot Ion:196 Resp: 319277
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.2 114.2
 200 30.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.452 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion:196 Resp: 340934
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.7 112.1
 97 56.9 42.2 63.4
 132 24.2 17.8 26.8

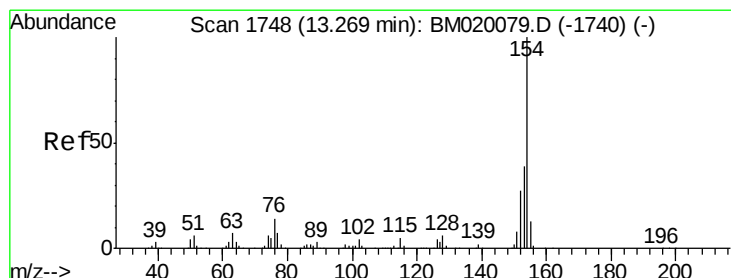
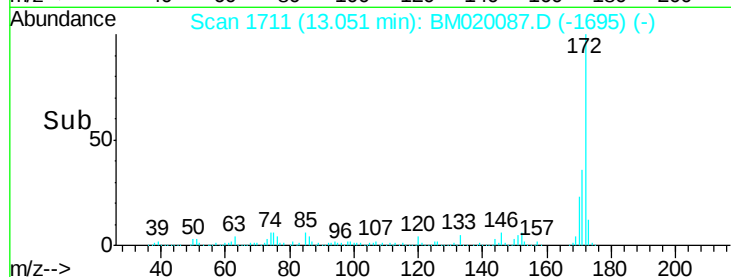
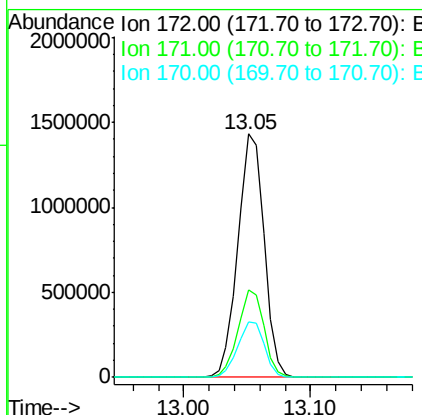
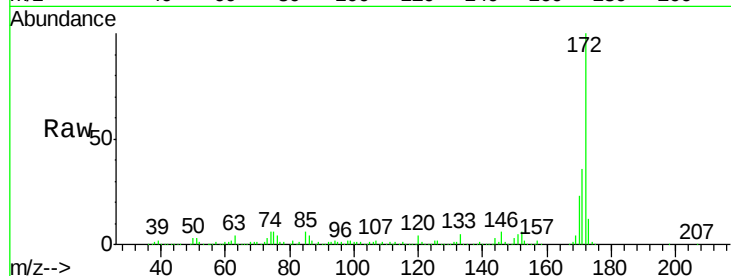




#45
2-Fluorobiphenyl
Concen: 76.088 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

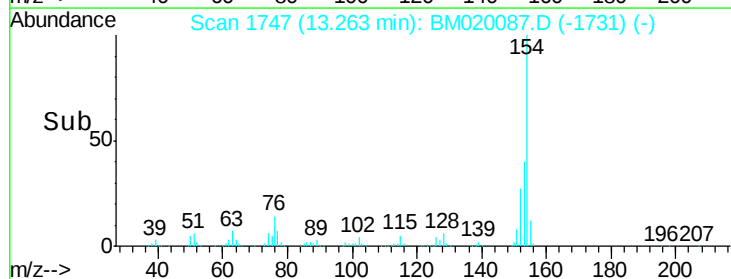
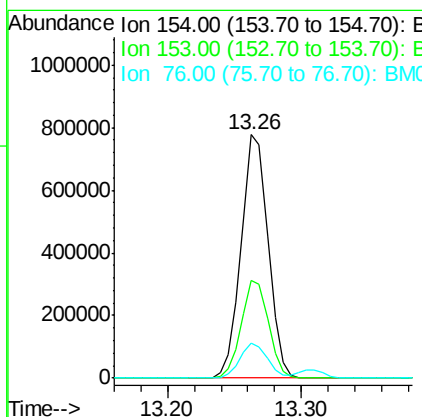
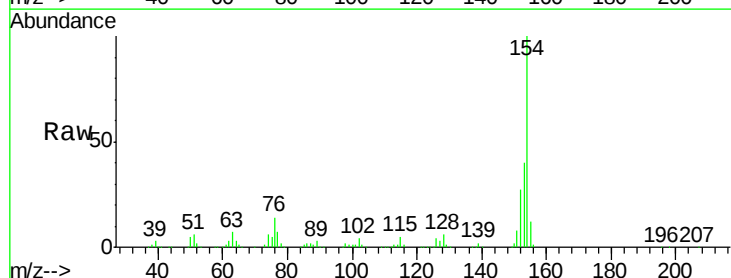
Instrument :
BNA_M
ClientSampleId :

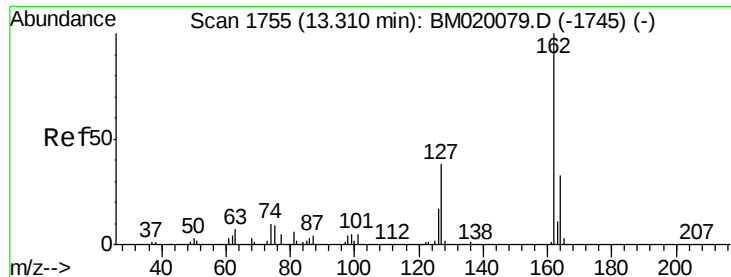
Tot Ion:172 Resp: 2047678
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.0 17.9 26.9



#46
1,1'-Biphenyl
Concen: 39.861 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:154 Resp: 1086375
Ion Ratio Lower Upper
154 100
153 39.9 19.4 59.4
76 14.5 0.0 34.5

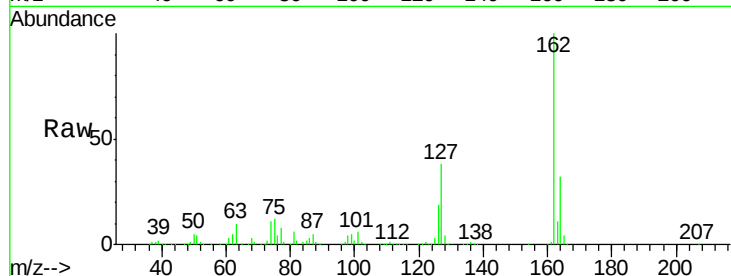




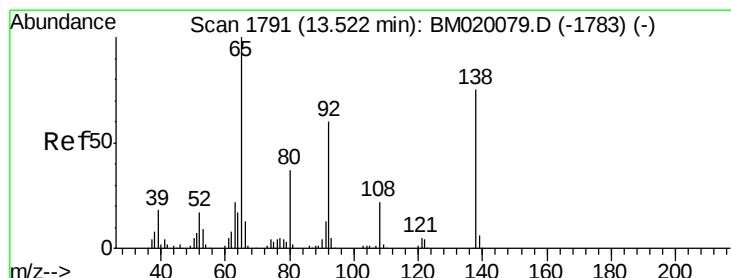
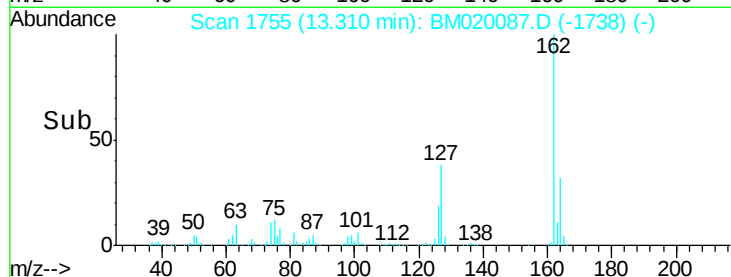
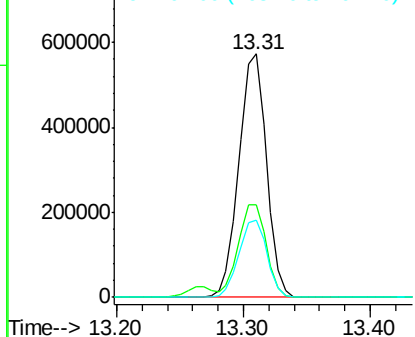
#47
 2-Chloronaphthalene
 Concen: 39.675 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.4
164	32.0	26.2	39.2

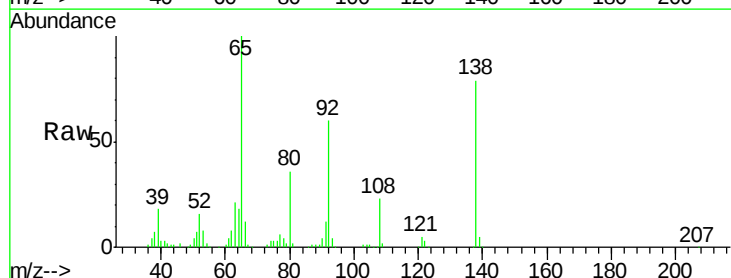


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

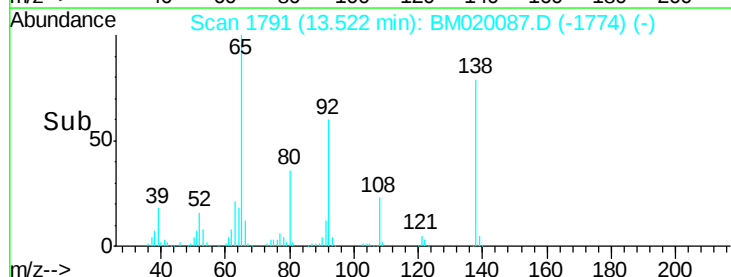
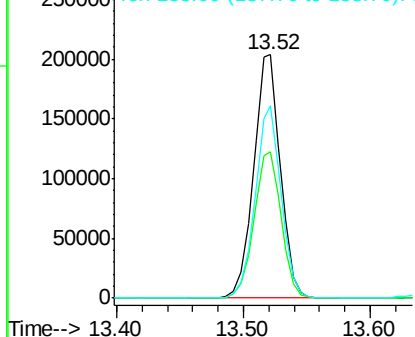


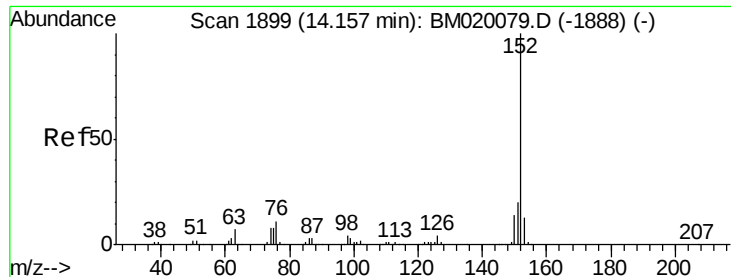
#48
 2-Nitroaniline
 Concen: 38.665 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	48.2	72.4
138	78.8	60.3	90.5



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: 37.373 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

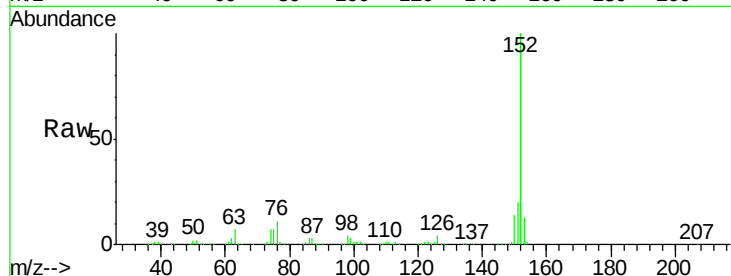
Tot Ion:152 Resp: 1301522

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

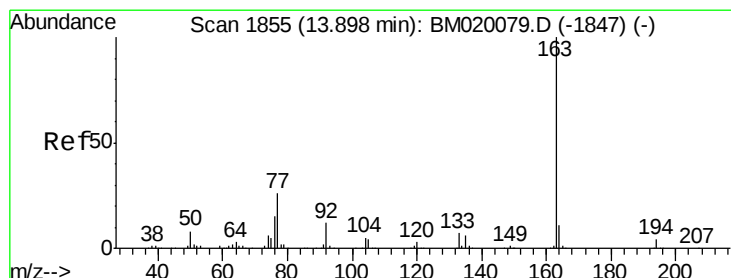
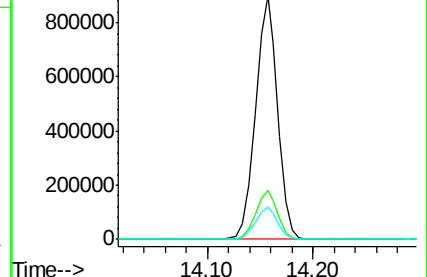
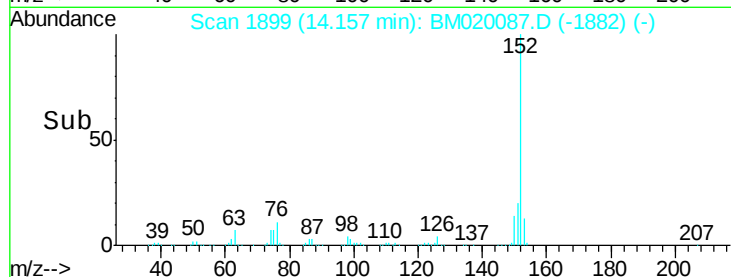
153 13.1 10.6 16.0



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: 37.582 ng

RT: 13.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

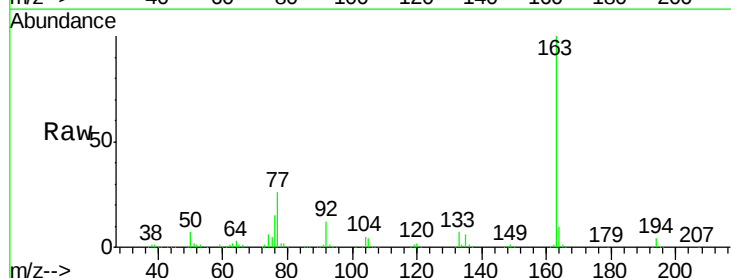
Tgt Ion:163 Resp: 1057639

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

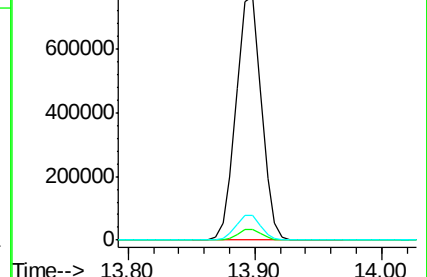
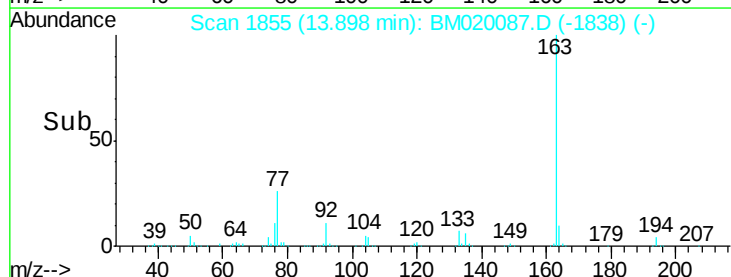
164 10.0 8.4 12.6

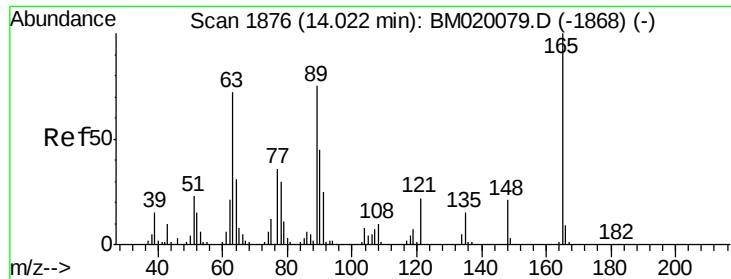


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.617 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

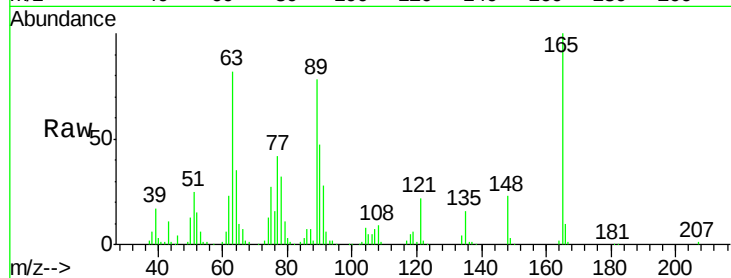
Tot Ion:165 Resp: 222966

Ion Ratio Lower Upper

165 100

63 81.7 60.3 90.5

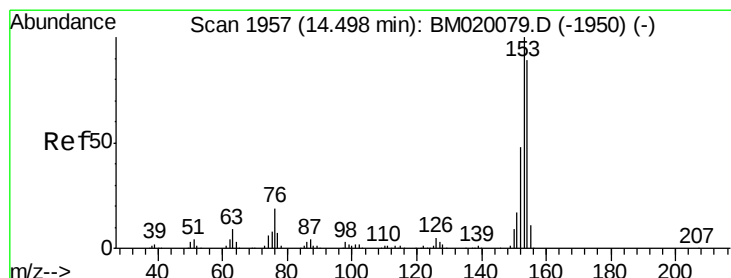
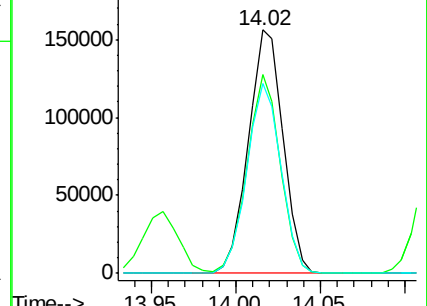
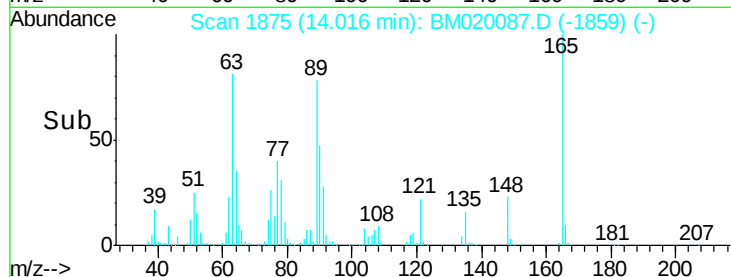
89 77.9 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 38.226 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

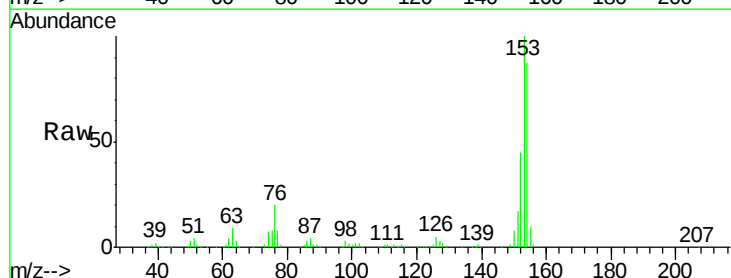
Tgt Ion:154 Resp: 763393

Ion Ratio Lower Upper

154 100

153 115.2 90.2 135.2

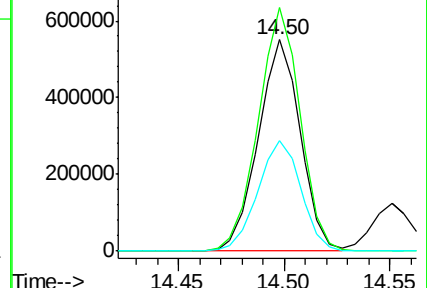
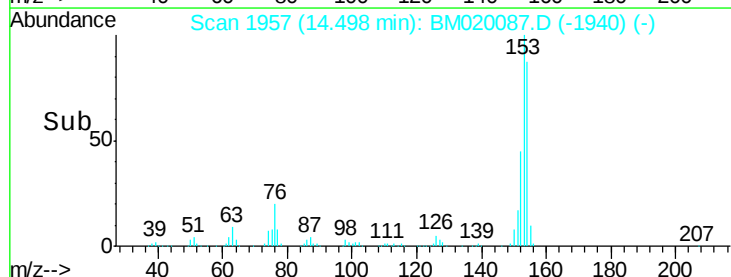
152 52.3 43.0 64.4

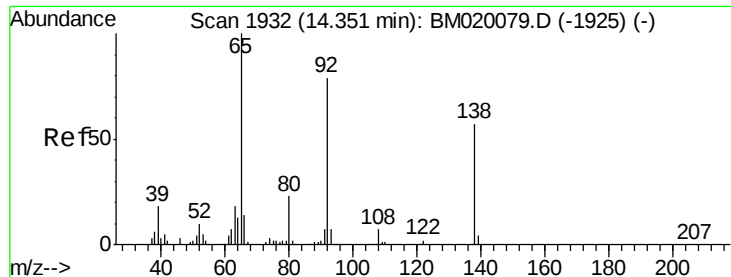


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.521 ng

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

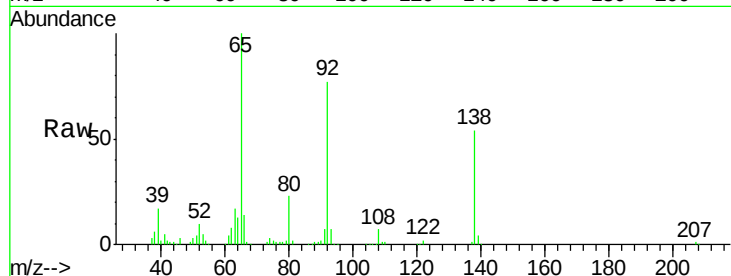
Tot Ion:138 Resp: 134897

Ion Ratio Lower Upper

138 100

108 13.1 10.4 15.6

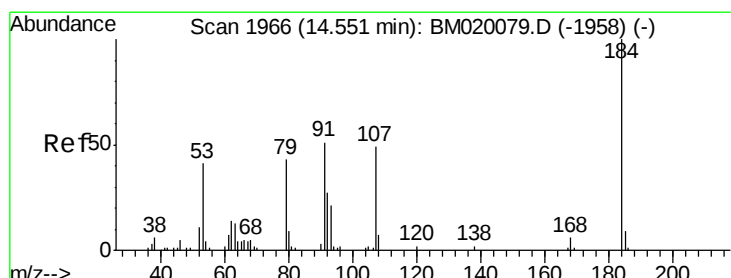
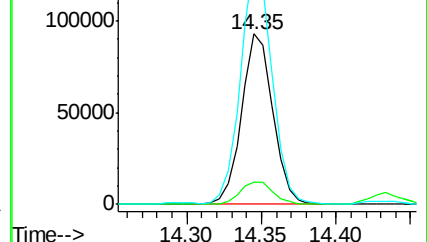
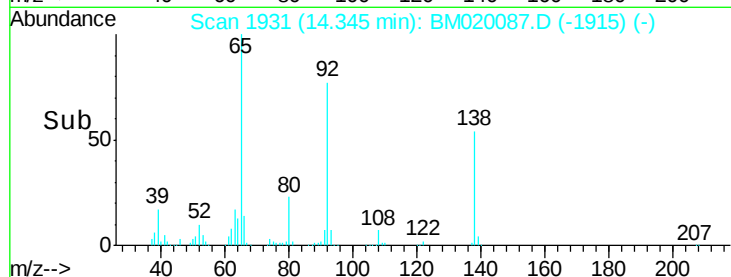
92 142.9 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 79.256 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

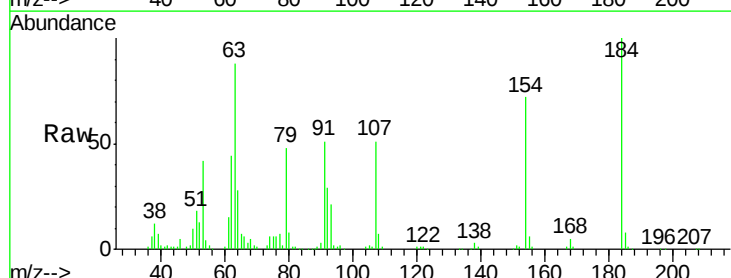
Tgt Ion:184 Resp: 235050

Ion Ratio Lower Upper

184 100

63 87.7 68.9 103.3

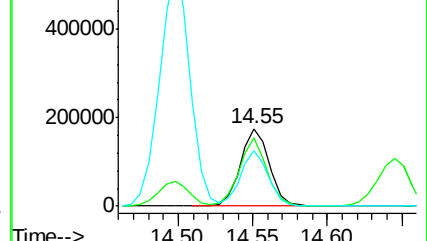
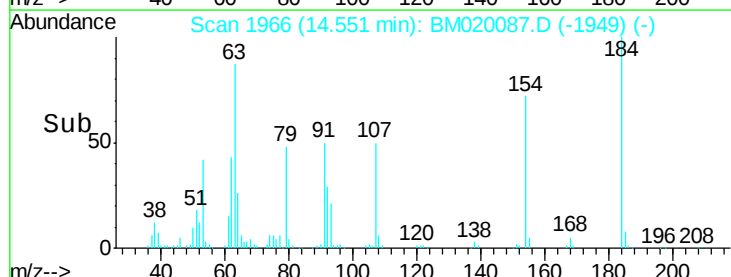
154 71.8 54.4 81.6

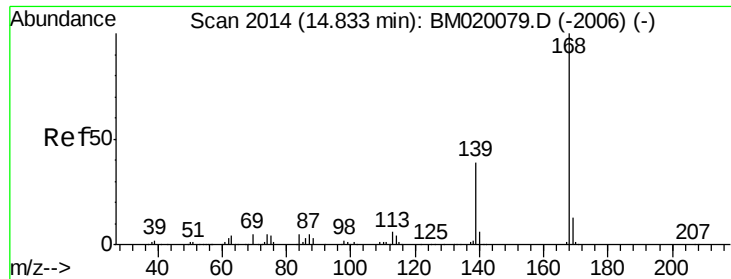


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

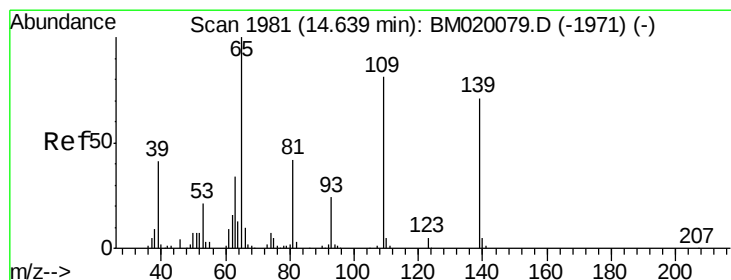
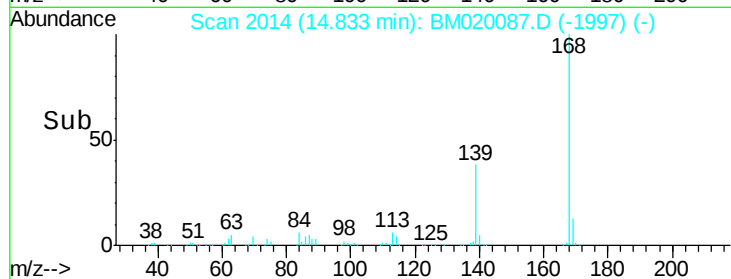
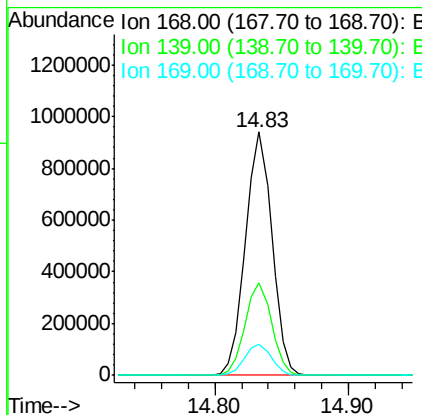
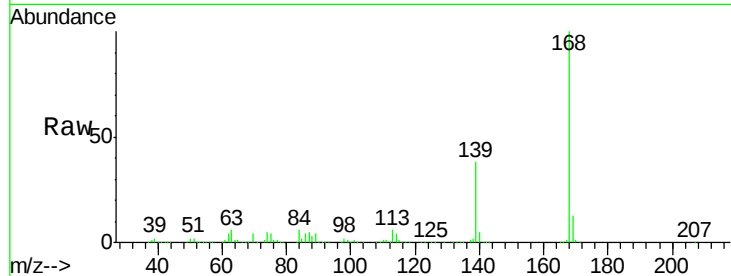




#55
Dibenzofuran
Concen: 38.279 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

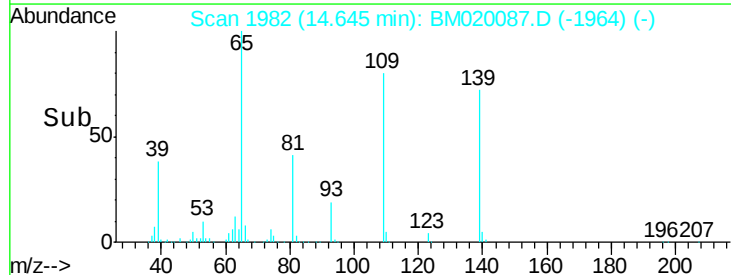
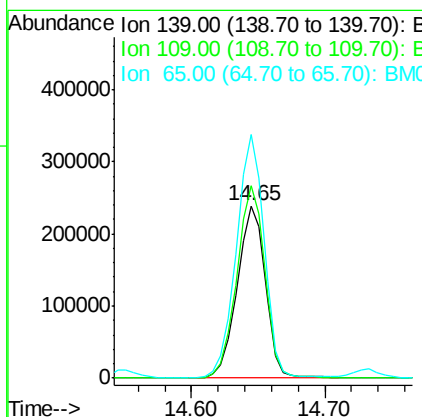
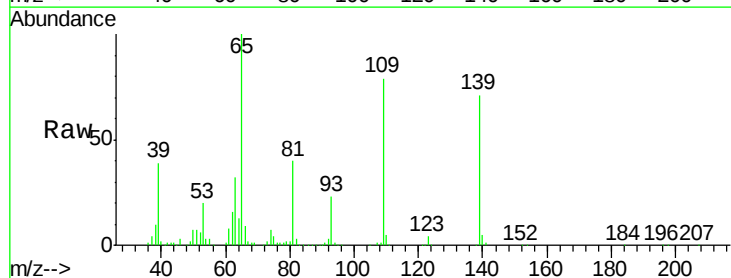
Instrument :
BNA_M
ClientSampleId :

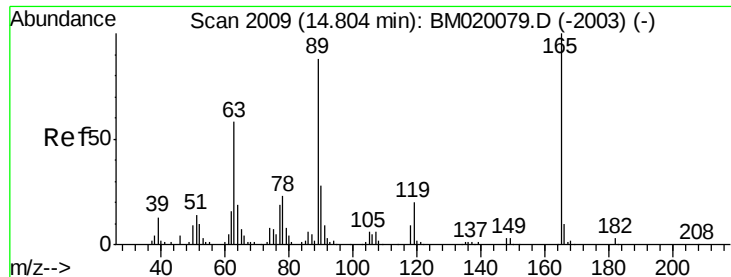
Tot Ion:168 Resp: 1289458
Ion Ratio Lower Upper
168 100
139 37.8 31.1 46.7
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 74.321 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:139 Resp: 348845
Ion Ratio Lower Upper
139 100
109 111.6 94.1 134.1
65 141.6 120.9 160.9

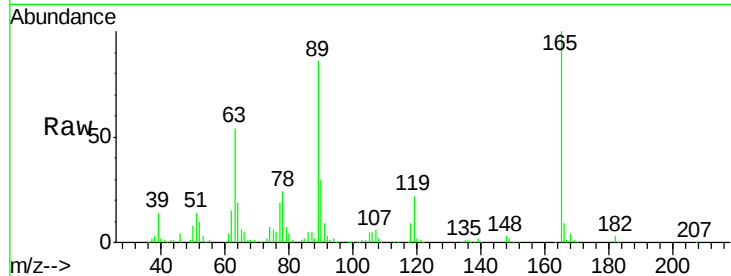




#57
2,4-Dinitrotoluene
Concen: 37.435 ng
RT: 14.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	46.2	69.2
89	85.9	70.6	105.8
182	3.2	2.2	3.2

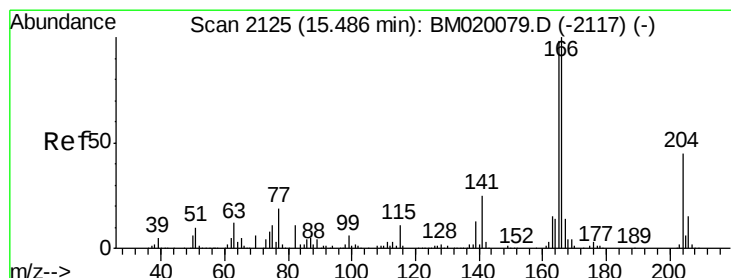
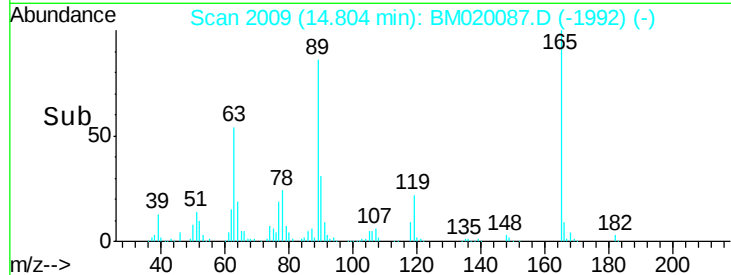
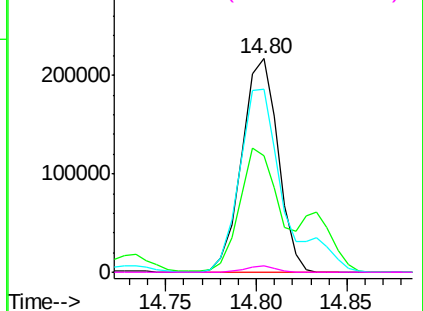


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

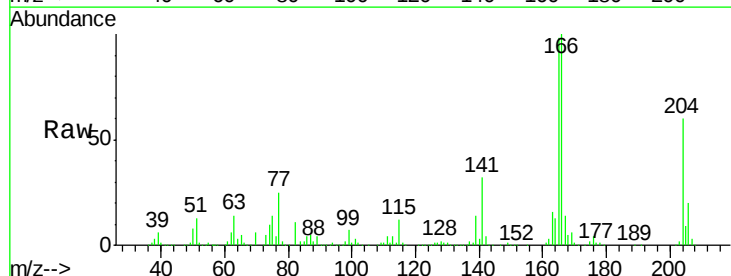
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.966 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

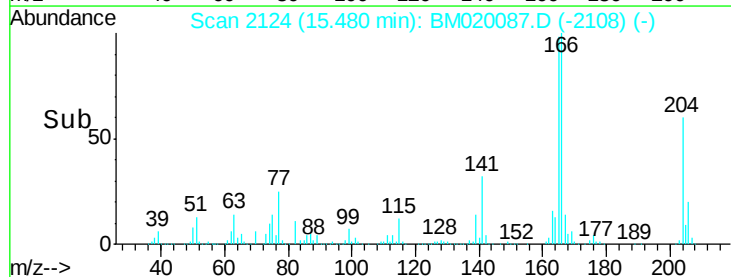
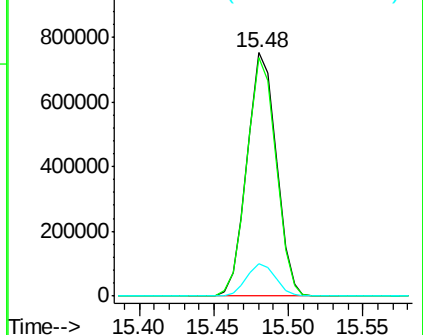
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

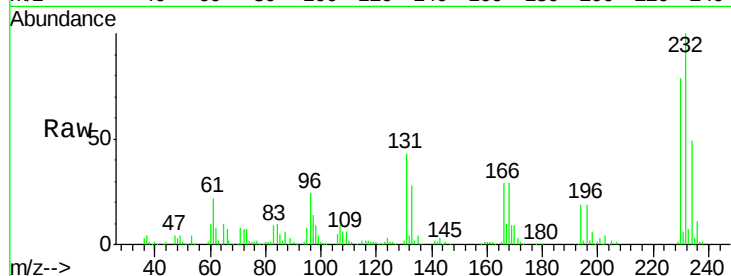




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.863 ng
RT: 15.05 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	34.2	51.4
130	2.4	2.0	3.0
166	29.9	23.8	35.8

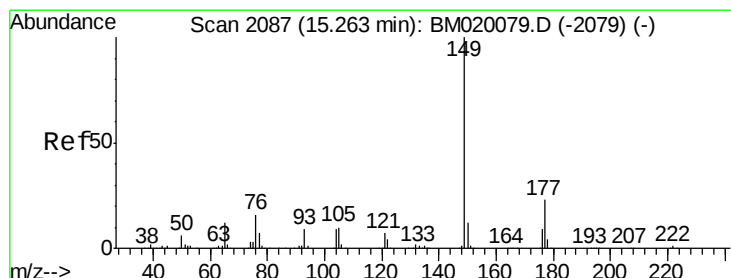
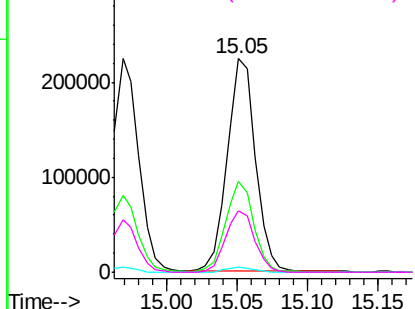
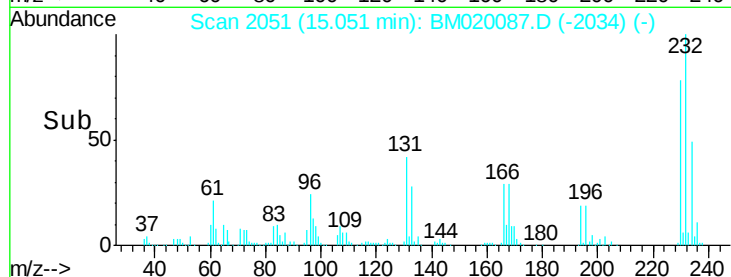


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

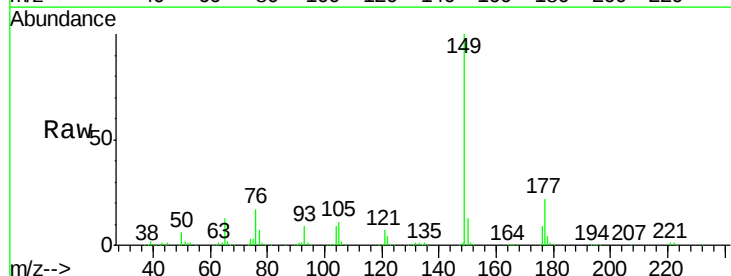
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 36.569 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

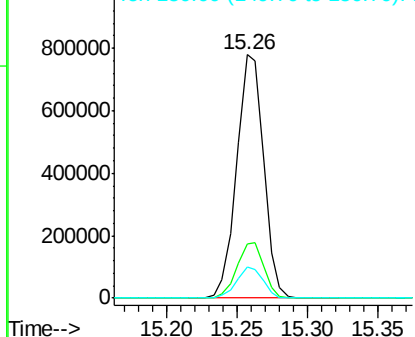
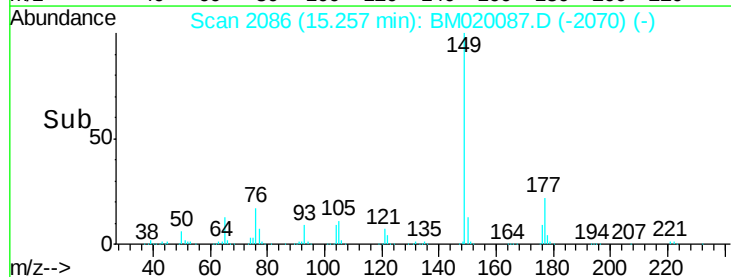
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.4
150	12.6	9.9	14.9



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

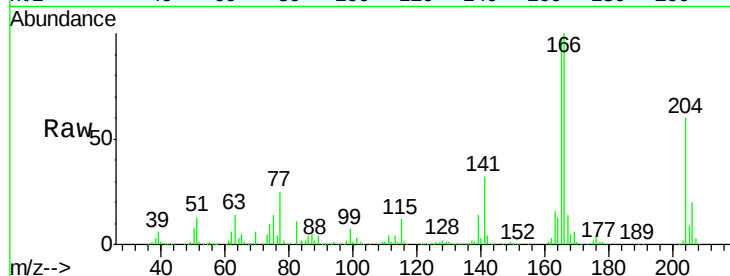




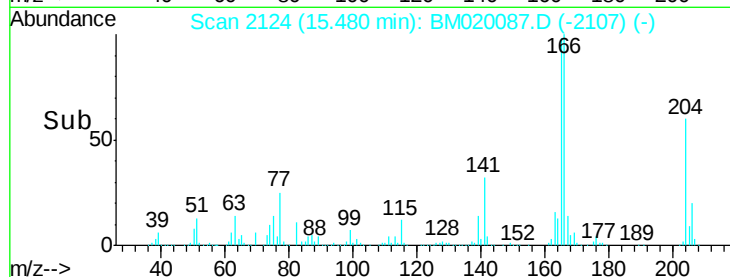
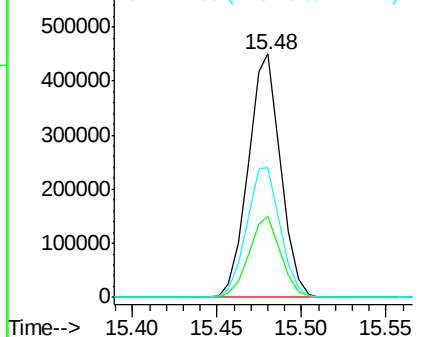
#61
4-Chlorophenyl-phenylether
Concen: 38.135 ng
RT: 15.48 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 597774
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 53.2 46.1 69.1

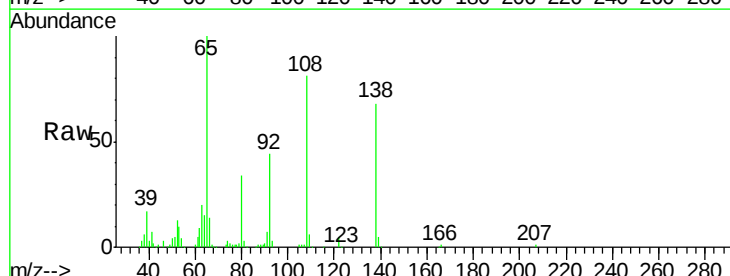


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

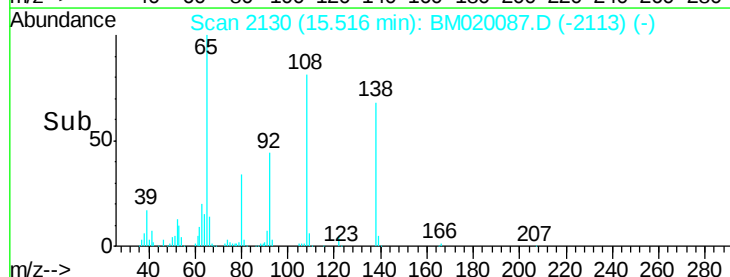
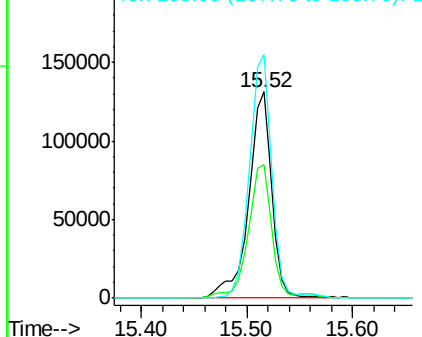


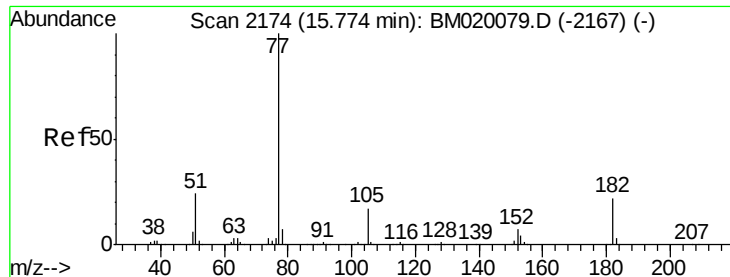
#62
4-Nitroaniline
Concen: 33.397 ng
RT: 15.52 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:138 Resp: 202757
Ion Ratio Lower Upper
138 100
92 64.8 45.9 85.9
108 118.0 97.7 137.7



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





#63

Azobenzene

Concen: 36.565 ng

RT: 15.77 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1223042

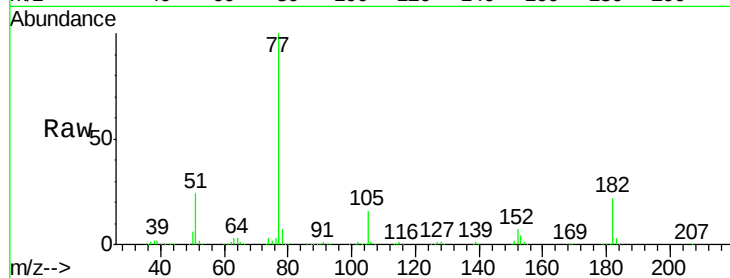
Ion Ratio Lower Upper

77 100

182 22.4 2.1 42.1

105 16.1 0.0 36.8

51 23.8 3.8 43.8

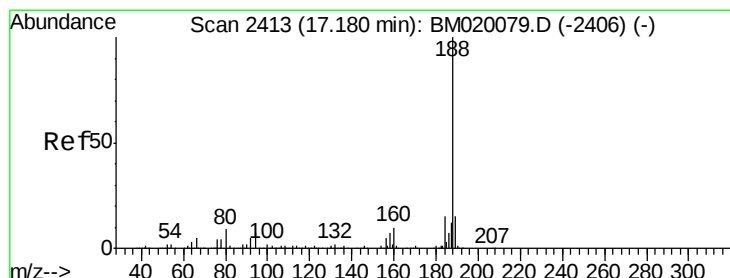
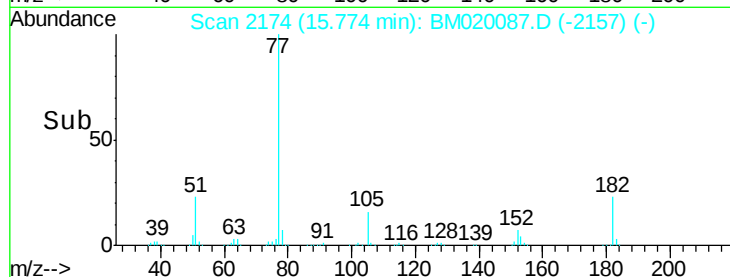
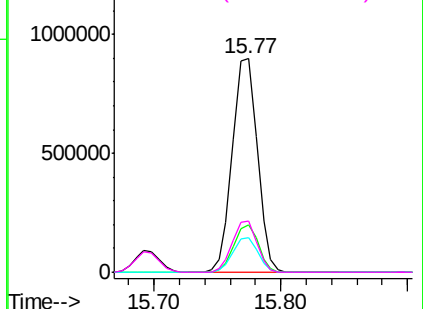


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

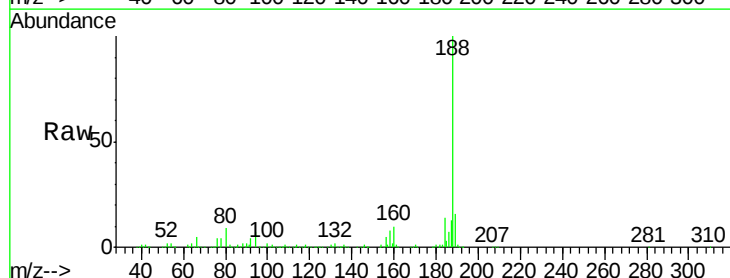
Tgt Ion: 188 Resp: 732298

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

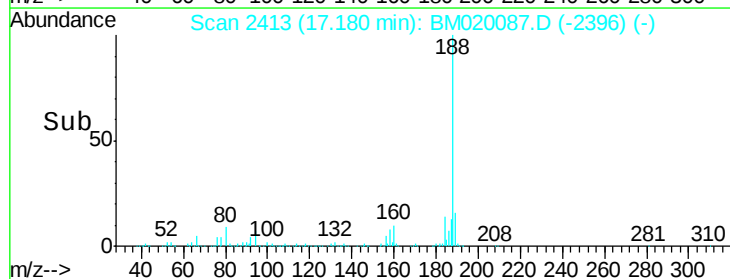
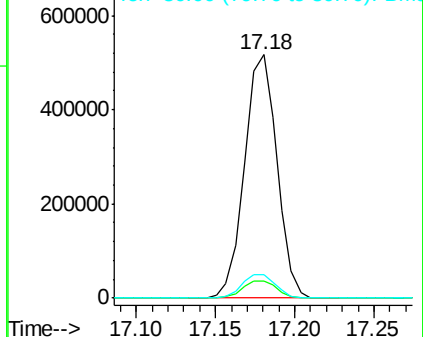
80 9.5 7.4 11.2

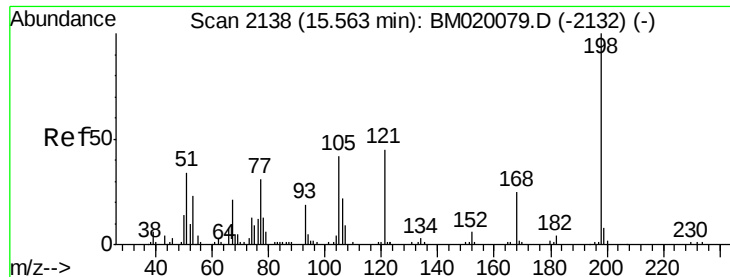


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

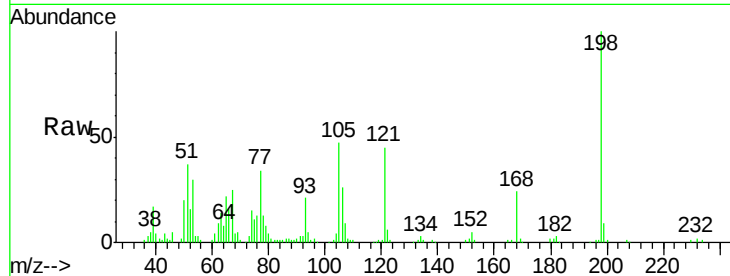




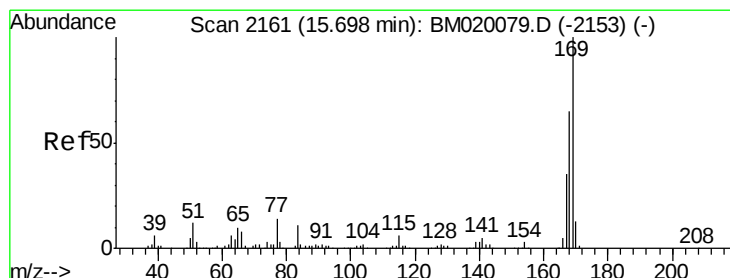
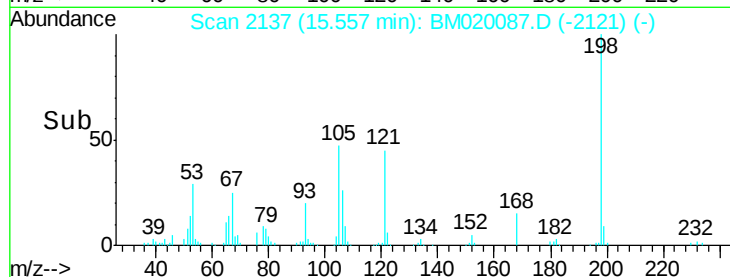
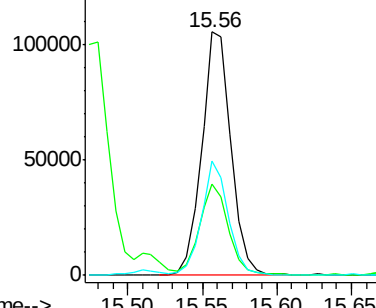
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.305 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.4	16.5	56.5
105	46.9	22.8	62.8

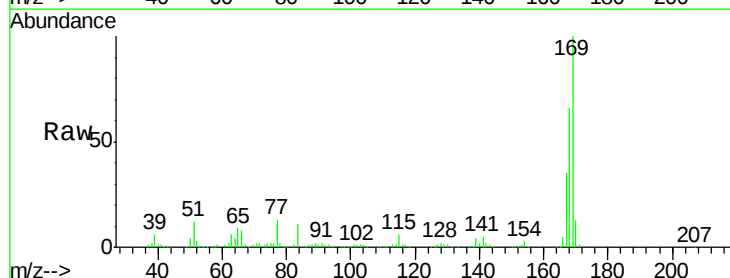


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM020087.D (-2132) (-)
 Ion 105.00 (104.70 to 105.70): E

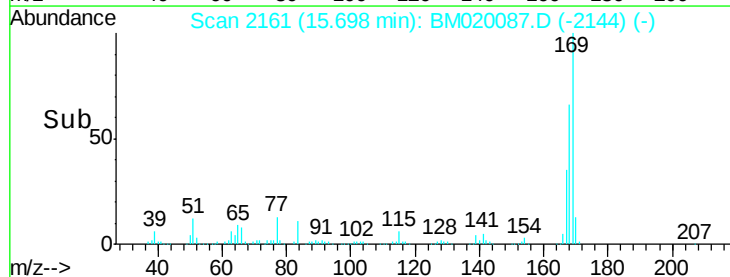
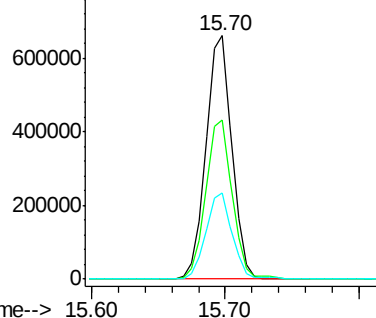


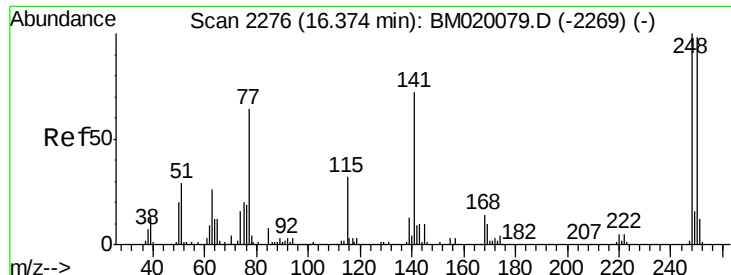
#66
 n-Nitrosodiphenylamine
 Concen: 41.300 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	51.9	77.9
167	35.2	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

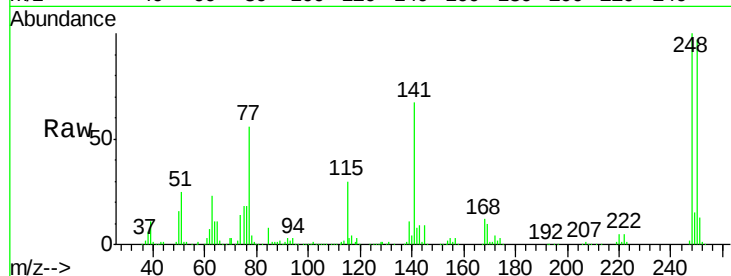




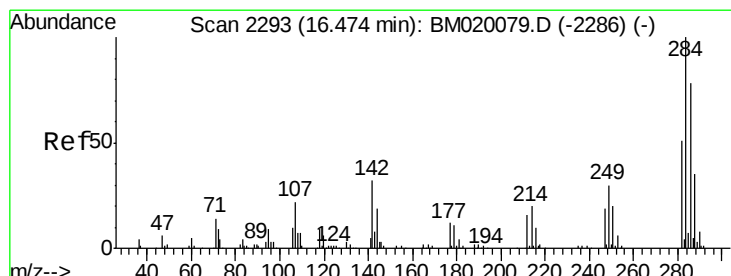
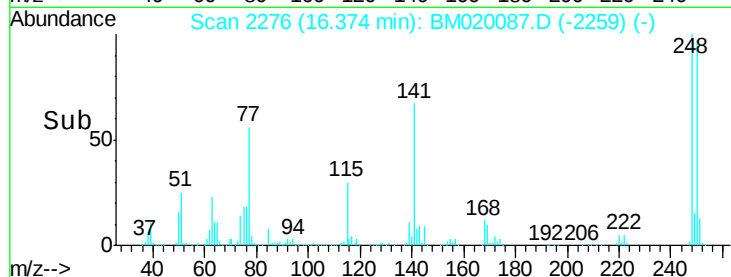
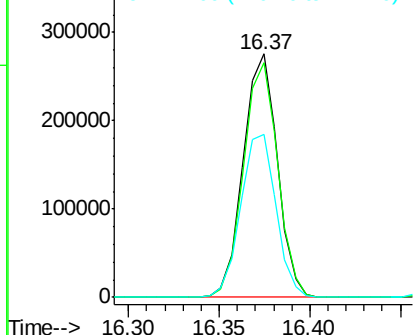
#67
4-Bromophenyl-phenylether
Concen: 40.187 ng
RT: 16.37 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 360875
Ion Ratio Lower Upper
248 100
250 96.6 78.4 117.6
141 66.9 57.4 86.2

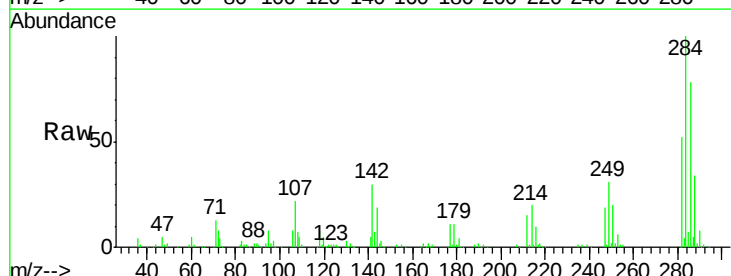


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

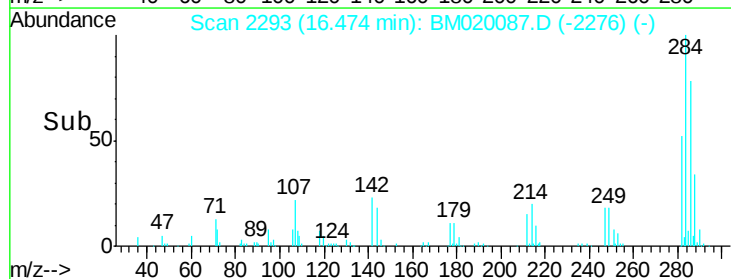
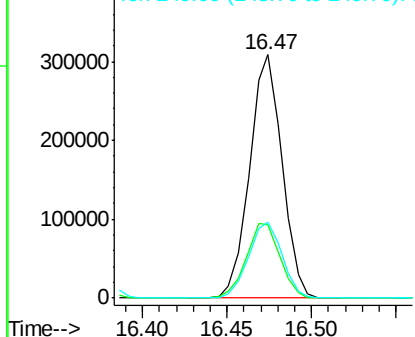


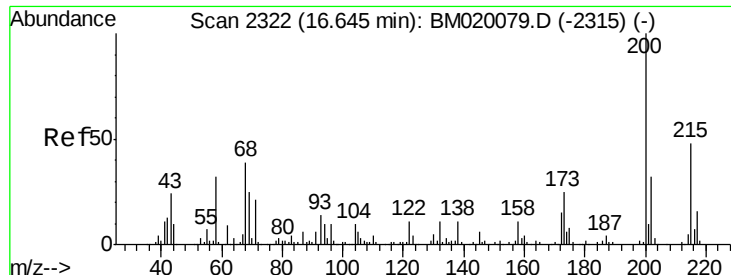
#68
Hexachlorobenzene
Concen: 40.061 ng
RT: 16.47 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:284 Resp: 413973
Ion Ratio Lower Upper
284 100
142 29.9 25.2 37.8
249 31.4 23.6 35.4



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

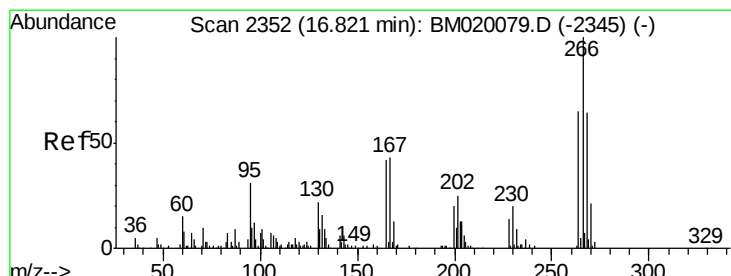
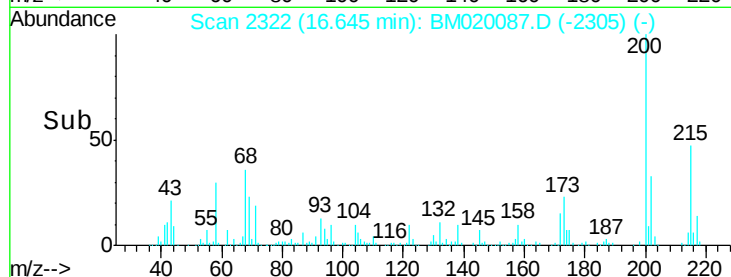
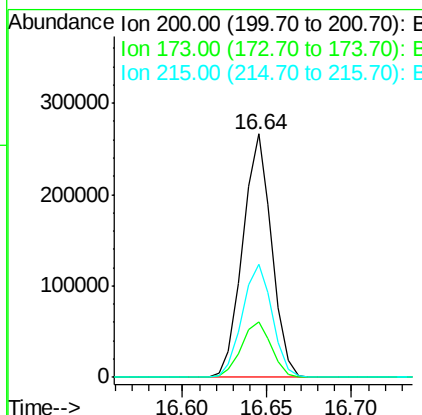
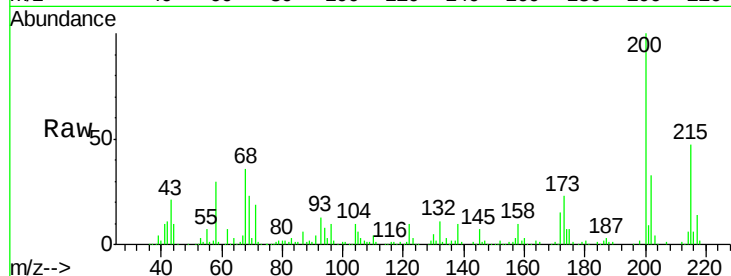




#69
Atrazine
Concen: 37.774 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

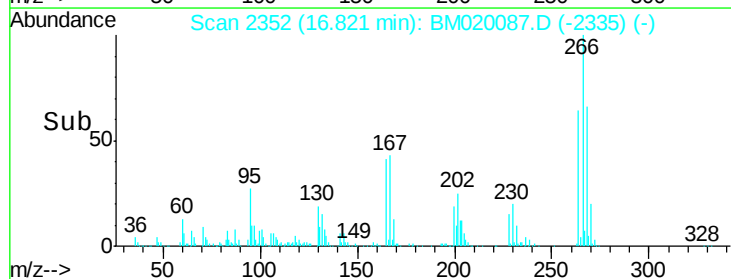
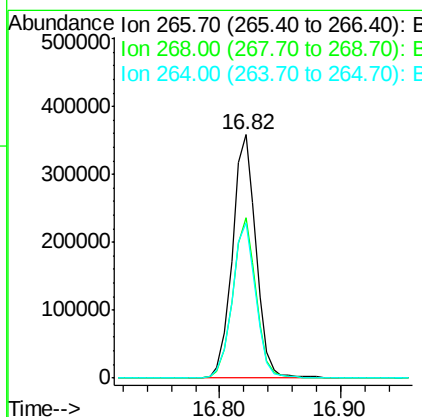
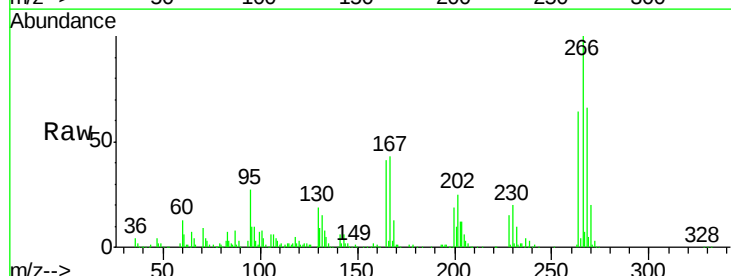
Instrument :
BNA_M
ClientSampleId :

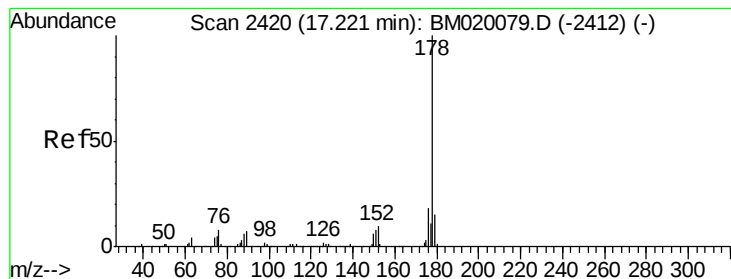
Tot Ion:200 Resp: 318093
Ion Ratio Lower Upper
200 100
173 22.9 4.6 44.6
215 46.6 28.0 68.0



#70
Pentachlorophenol
Concen: 82.652 ng
RT: 16.82 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:266 Resp: 488675
Ion Ratio Lower Upper
266 100
268 65.9 51.4 77.0
264 63.9 52.0 78.0





#71

Phenanthrene

Concen: 38.647 ng

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

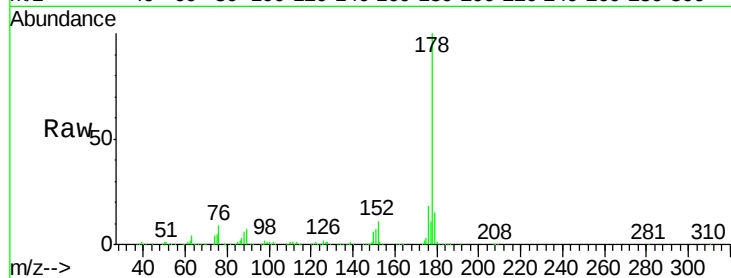
Tot Ion:178 Resp: 1562255

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

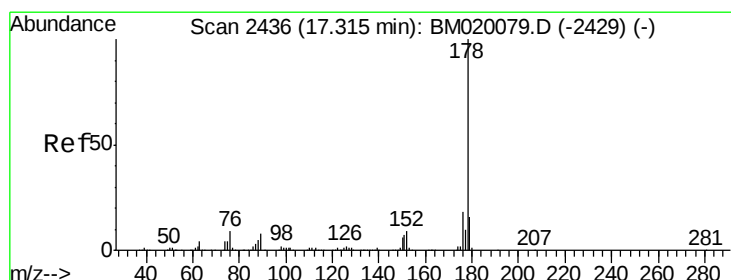
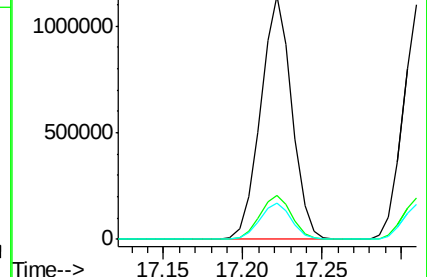
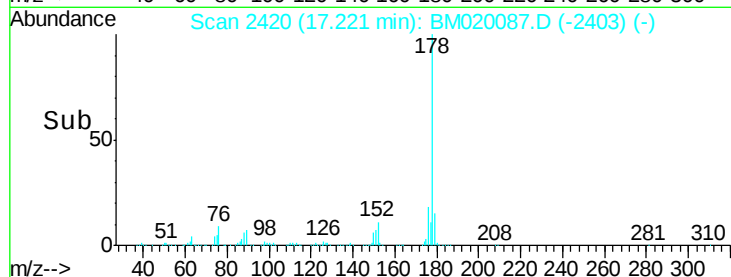
179 14.9 12.4 18.6



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: 39.115 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

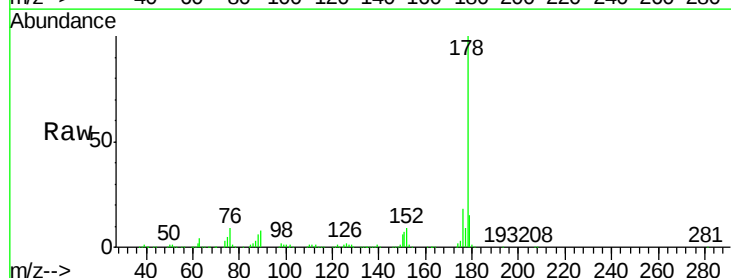
Tgt Ion:178 Resp: 1580874

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

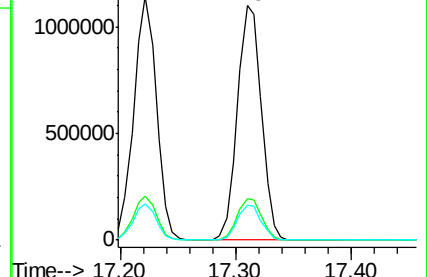
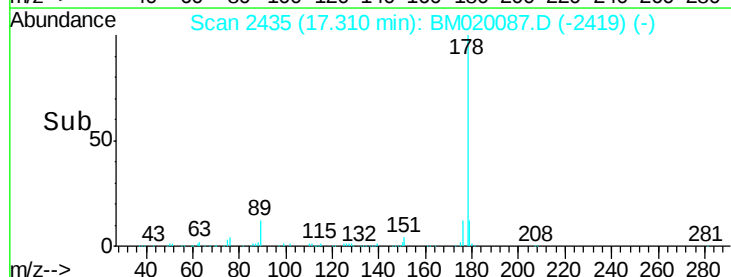
179 15.2 12.4 18.6

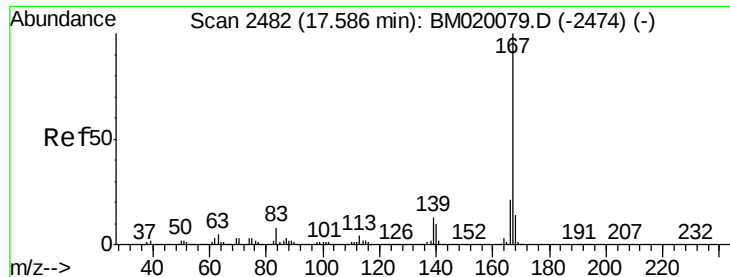


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

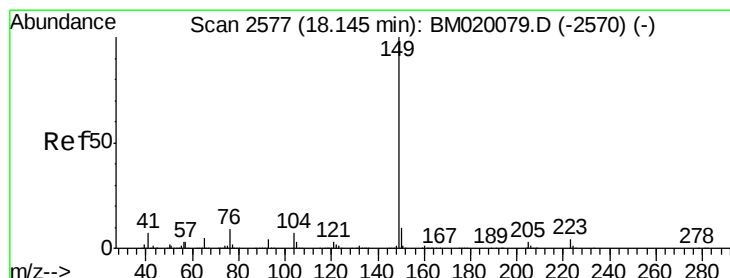
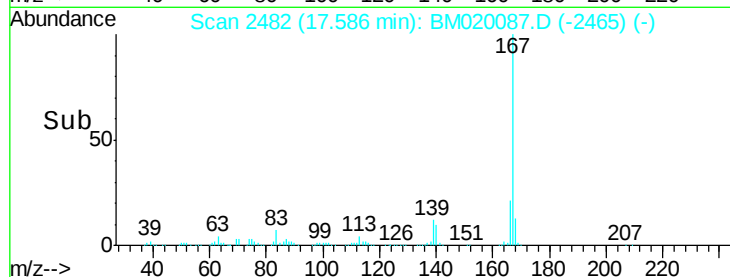
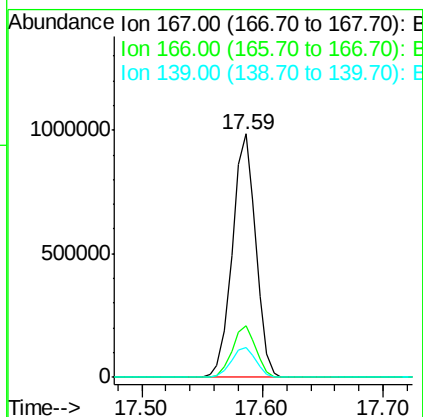
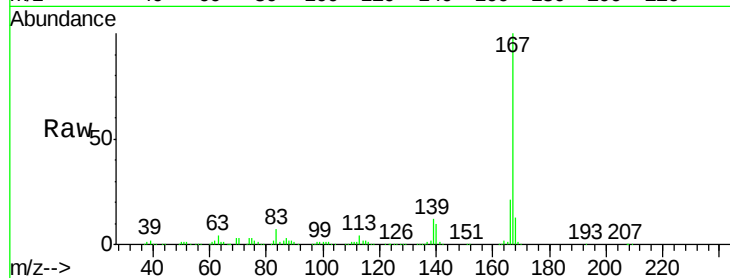




#73
 Carbazole
 Concen: 36.386 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

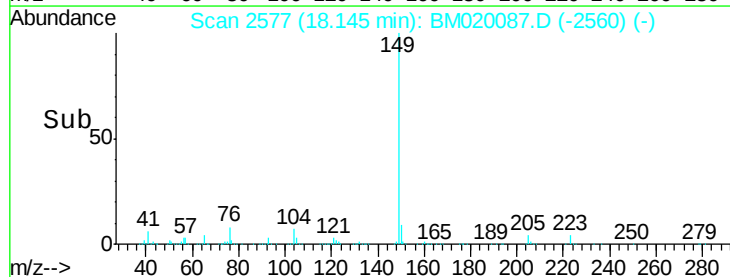
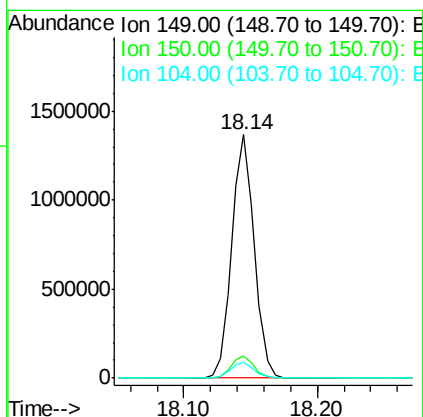
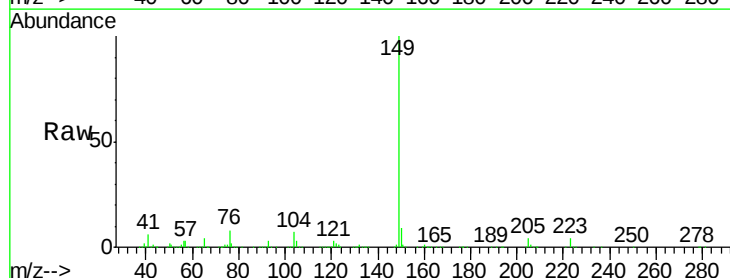
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1326944
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 36.677 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion:149 Resp: 1609661
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 6.7 5.7 8.5





#75

Fluoranthene

Concen: 35.169 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

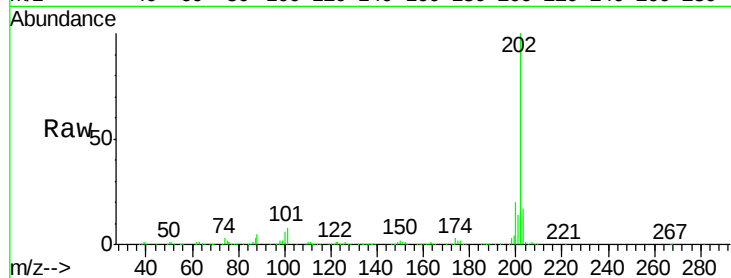
Tot Ion:202 Resp: 1798753

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.4

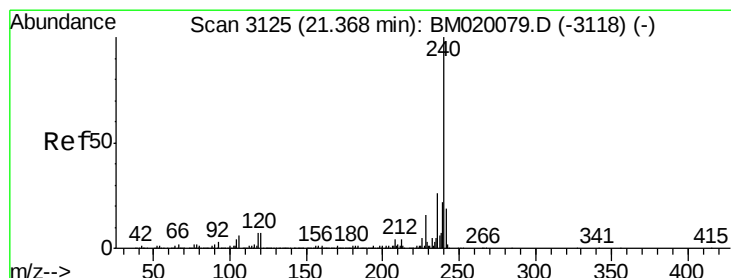
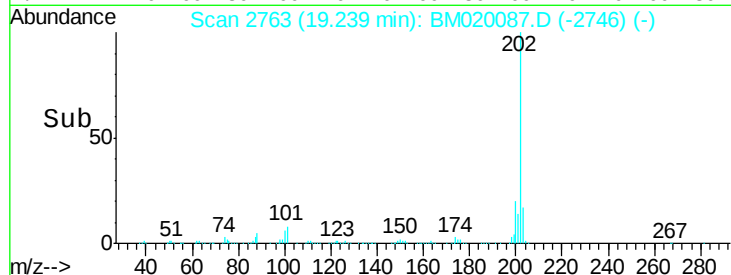
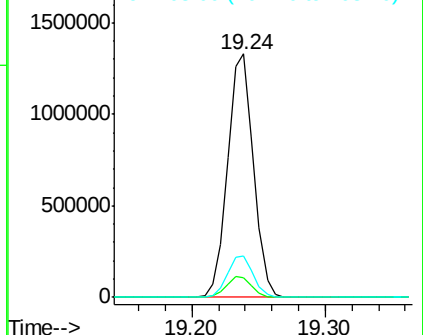
203 17.2 0.0 37.4



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

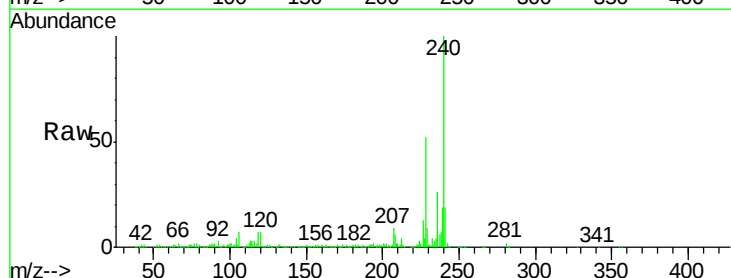
Tgt Ion:240 Resp: 622298

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

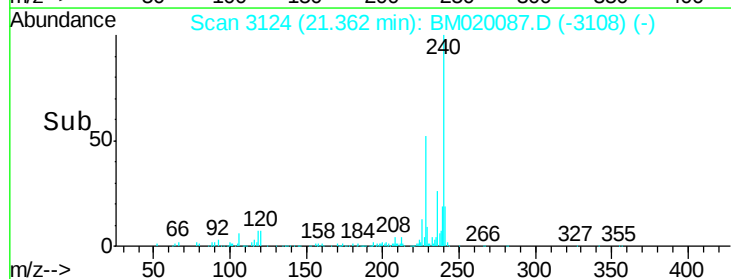
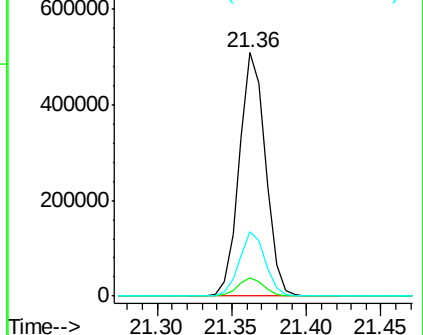
236 26.3 20.9 31.3

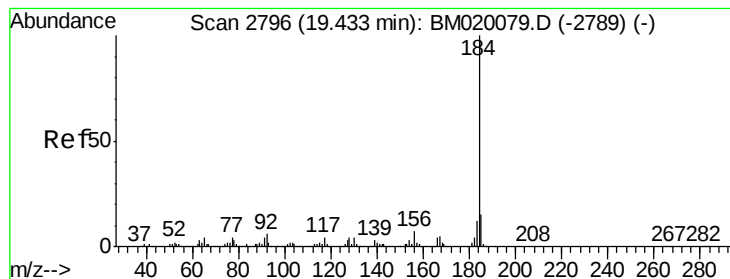


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.641 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

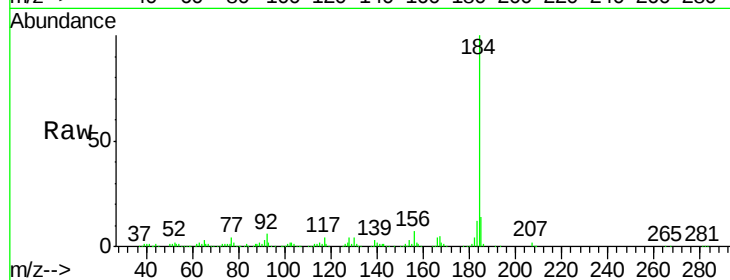
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 589711

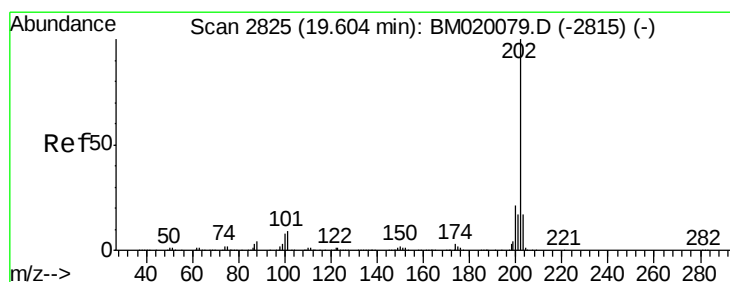
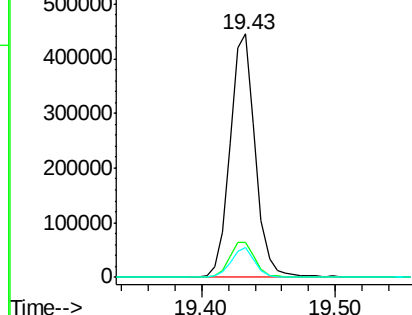
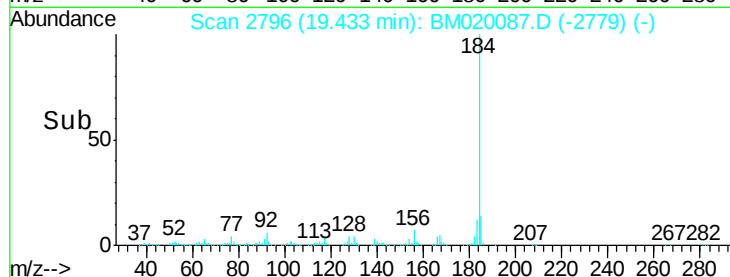
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	12.4	9.5	14.3



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: 43.513 ng

RT: 19.60 min Scan# 2825

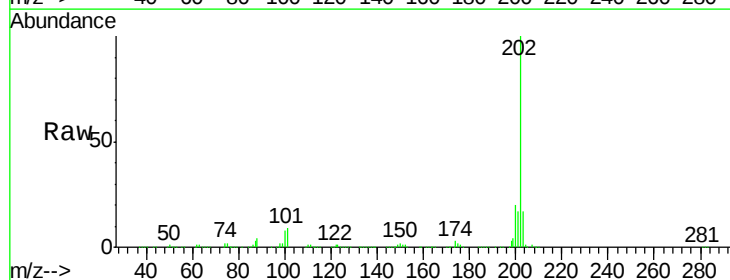
Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:202 Resp: 1817982

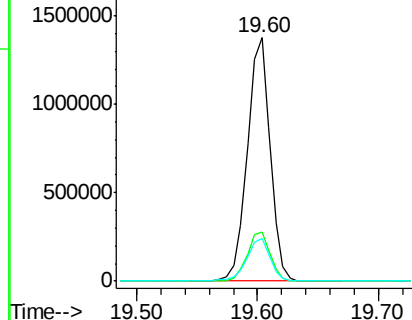
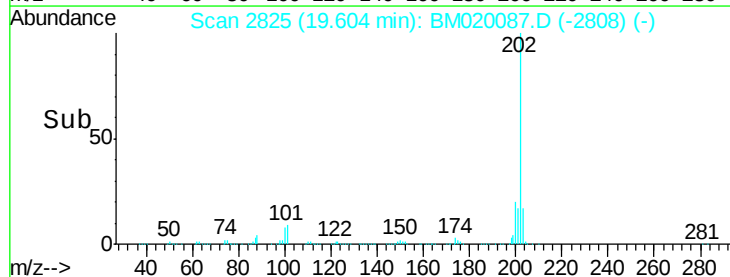
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.3	13.9	20.9

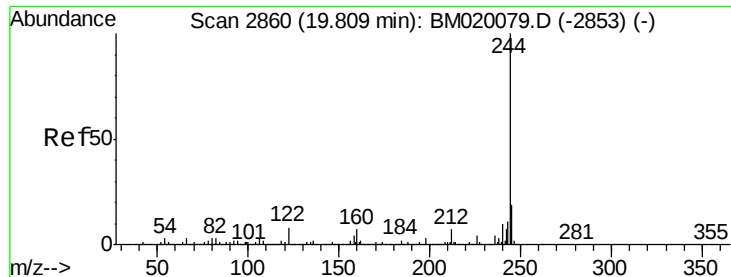


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.268 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

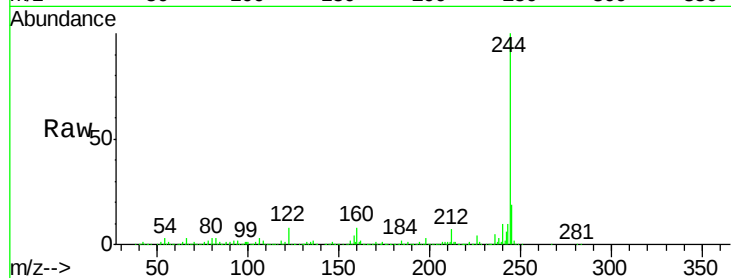
Tot Ion:244 Resp: 3042184

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

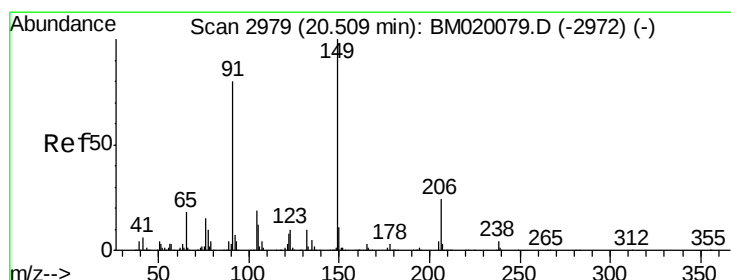
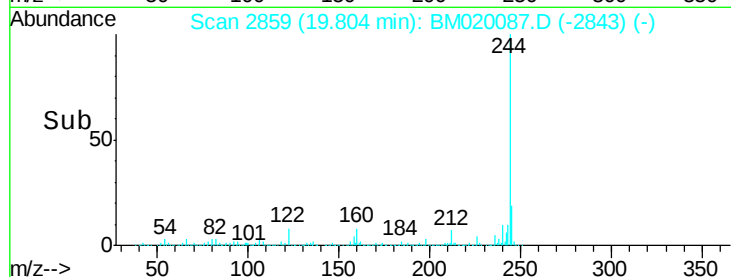
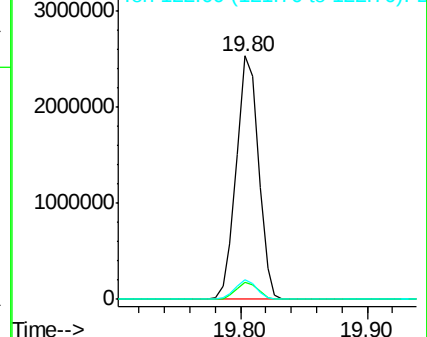
122 8.1 6.2 9.2



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: 42.097 ng

RT: 20.50 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

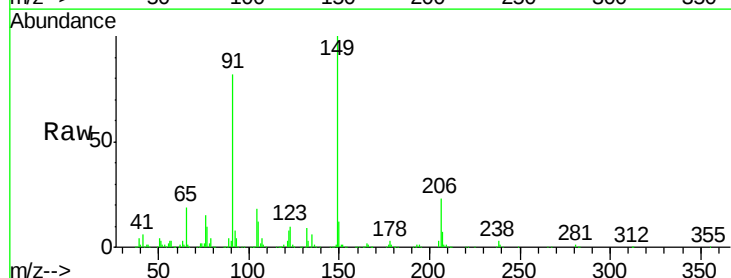
Tgt Ion:149 Resp: 639605

Ion Ratio Lower Upper

149 100

91 82.4 63.8 95.8

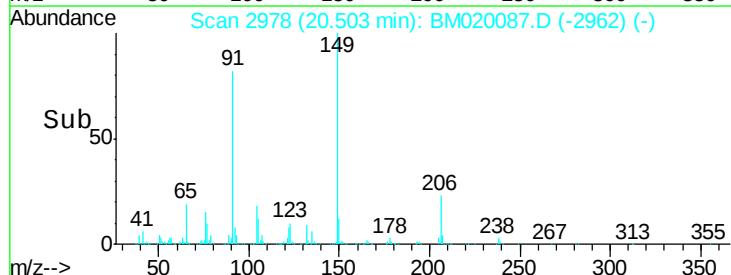
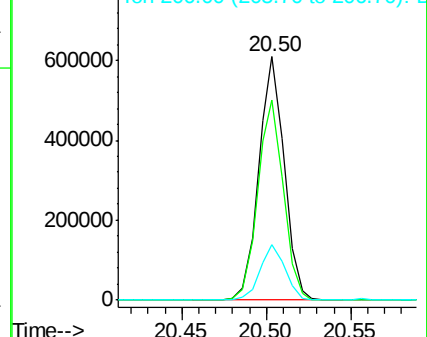
206 22.9 18.9 28.3

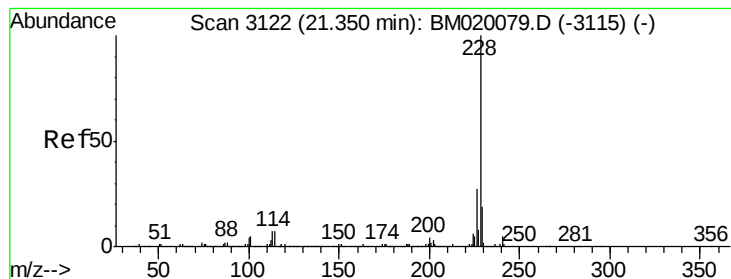


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.369 ng

RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

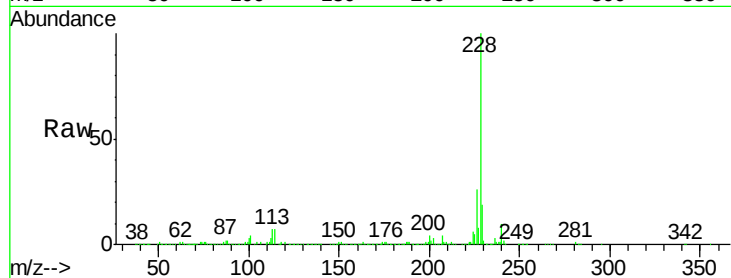
Tot Ion:228 Resp: 1630844

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.1	15.5	23.3

228 100

226 26.4 21.3 31.9

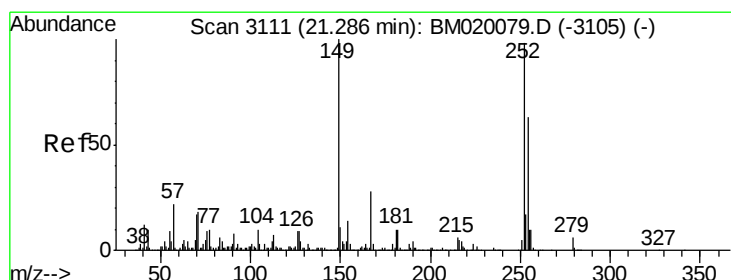
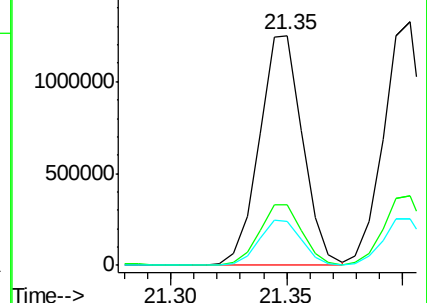
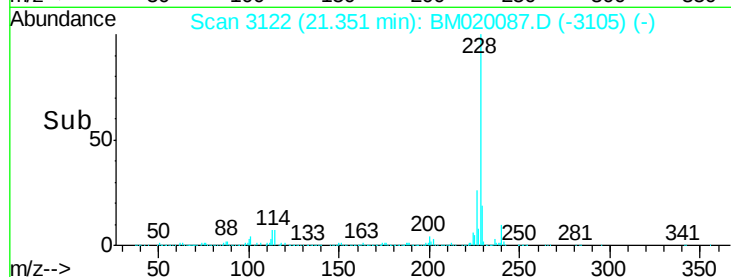
229 19.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.584 ng

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

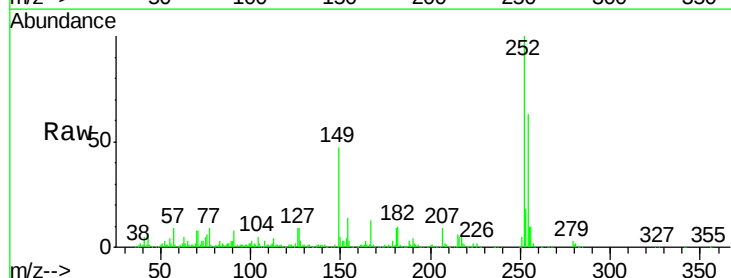
Tgt Ion:252 Resp: 526073

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.1	76.7
126	9.0	7.1	10.7

252 100

254 63.5 51.1 76.7

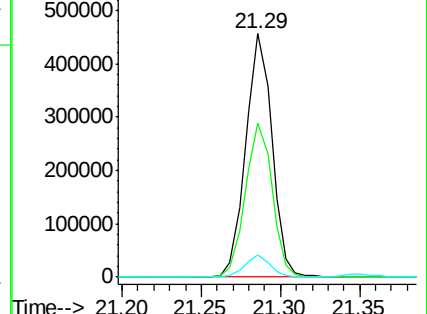
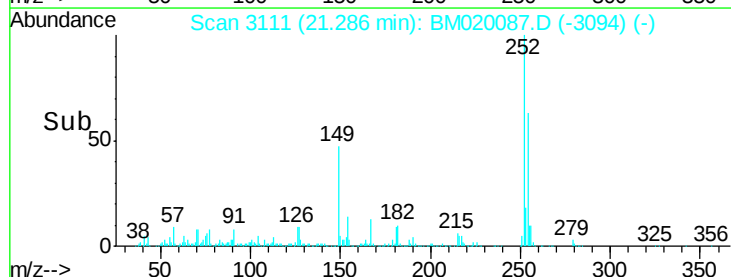
126 9.0 7.1 10.7

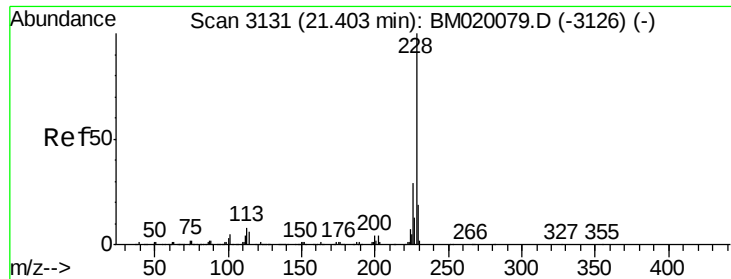


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

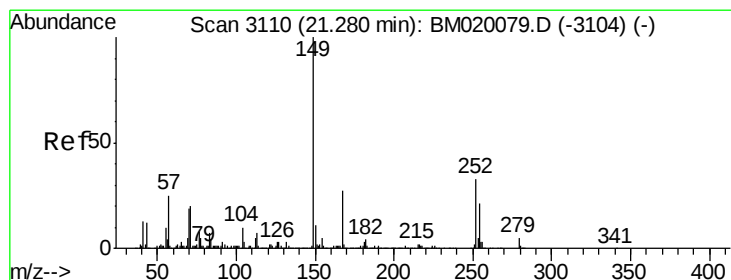
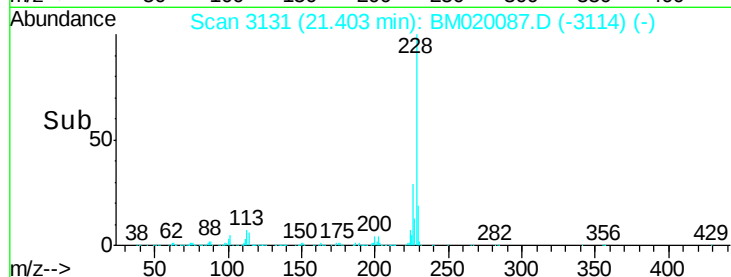
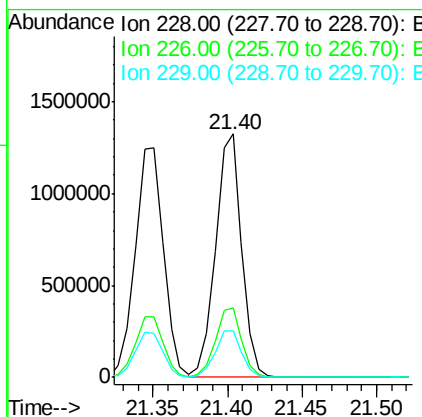
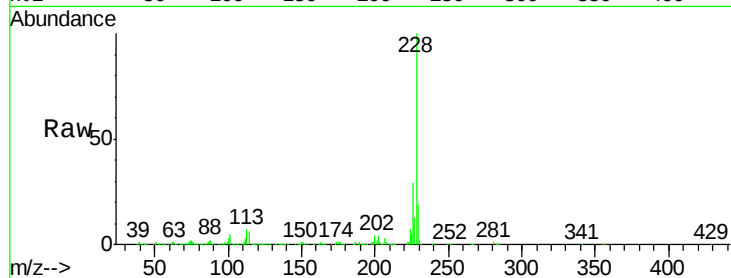




#83
 Chrvsene
 Concen: 38.137 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

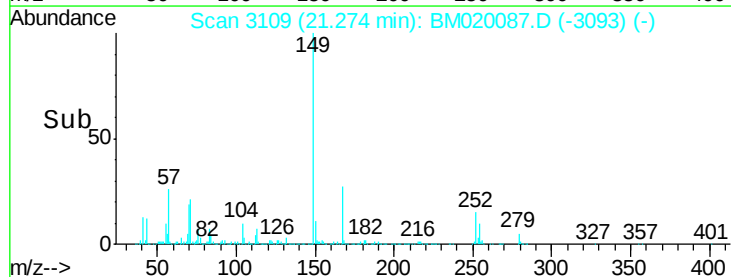
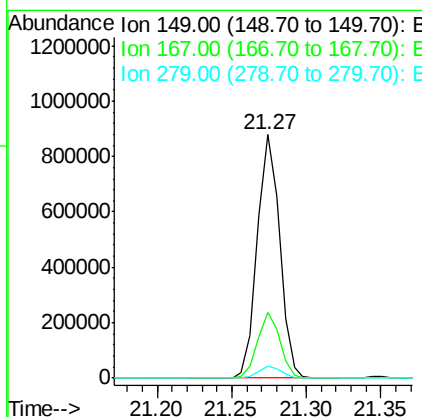
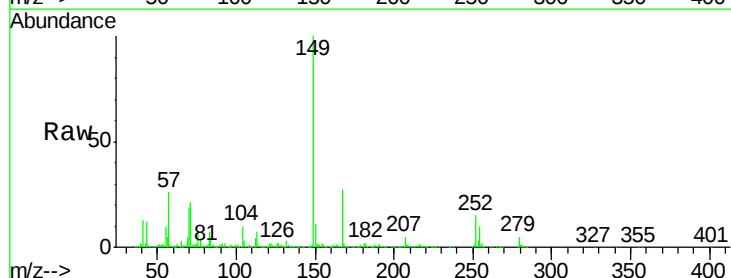
Instrument :
 BNA_M
 ClientSampleId :

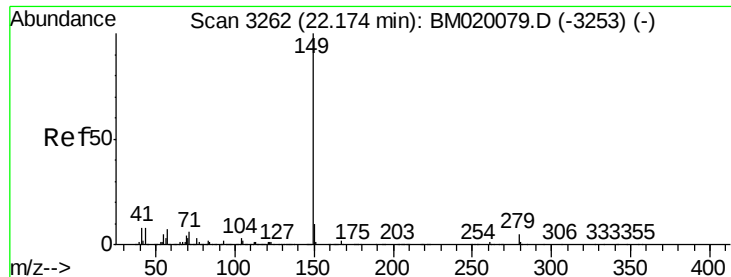
Tot Ion:228 Resp: 1614159
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.0 34.6
 229 18.9 15.5 23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.499 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion:149 Resp: 907671
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 5.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 36.695 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

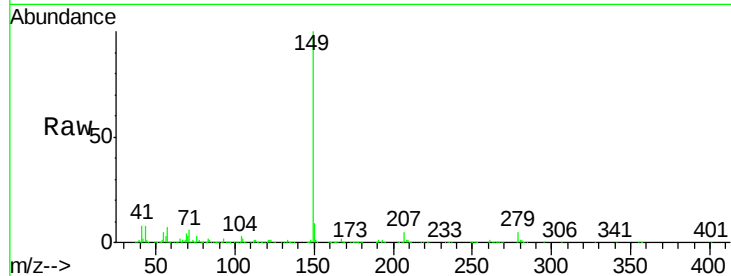
Tot Ion:149 Resp: 1437895

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

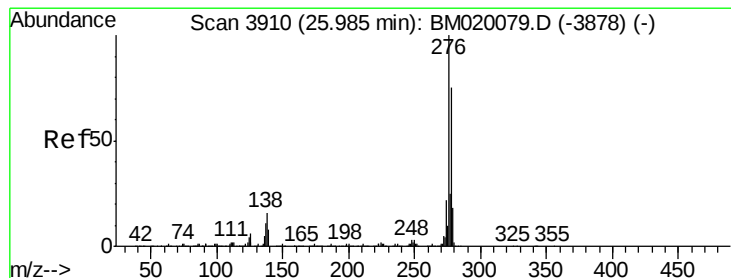
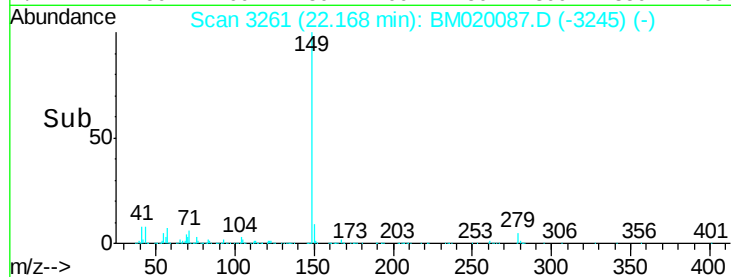
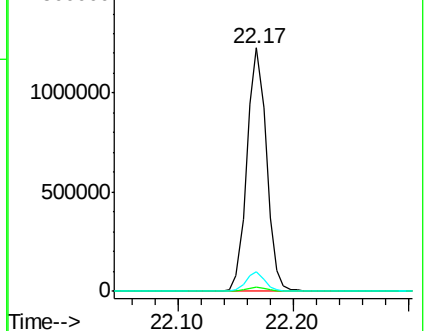
43 7.8 6.5 9.7



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: 33.025 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

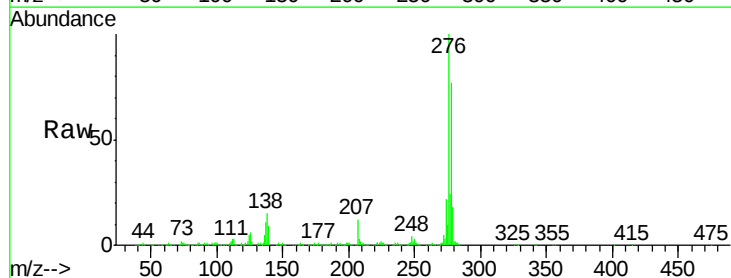
Tgt Ion:276 Resp: 1662632

Ion Ratio Lower Upper

276 100

138 16.9 0.0 0.0#

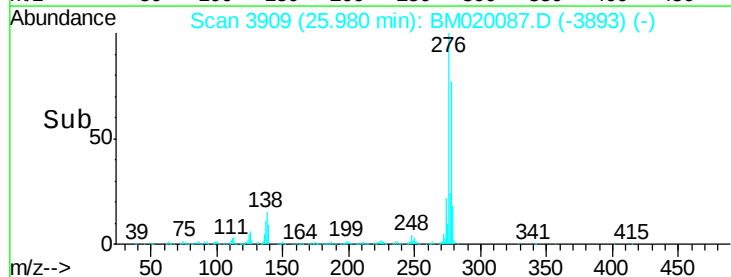
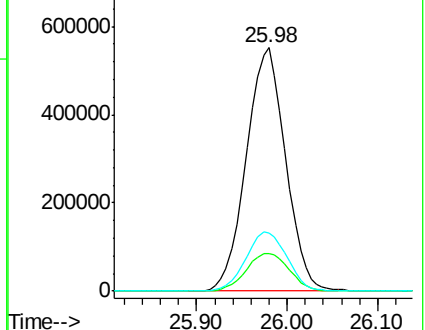
277 25.4 0.0 0.0#

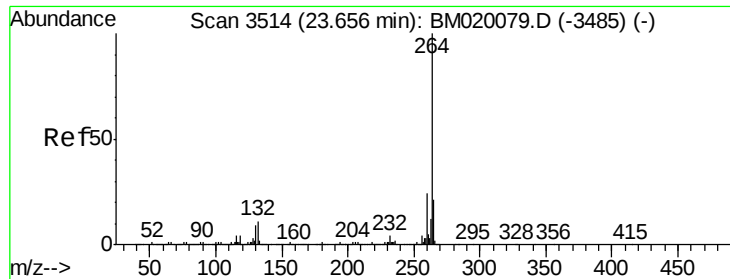


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

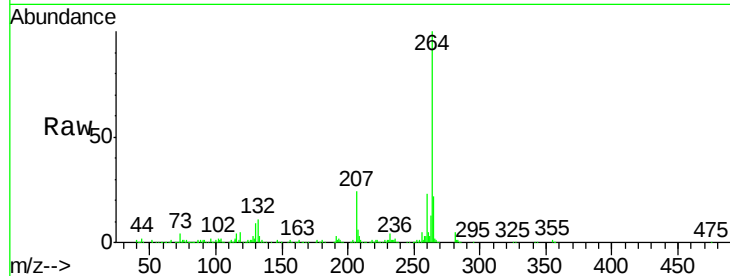
Tot Ion:264 Resp: 518631

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

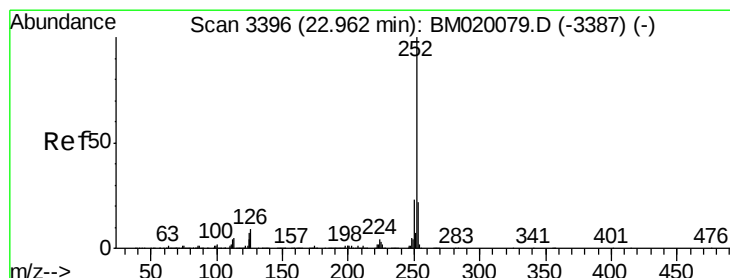
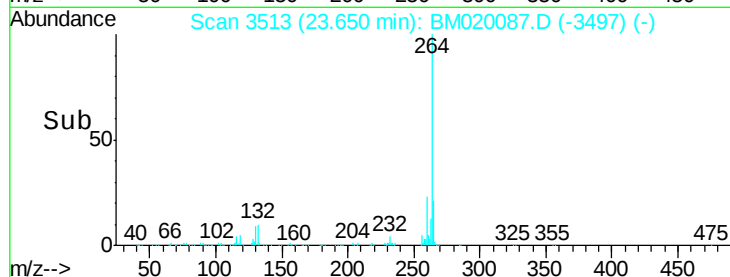
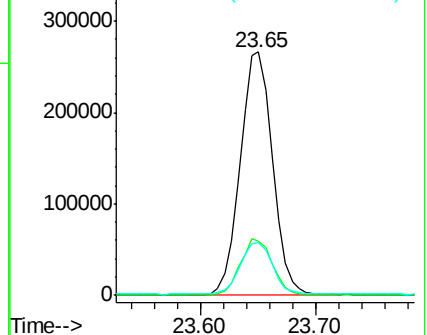
265 21.9 16.9 25.3



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: 44.757 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

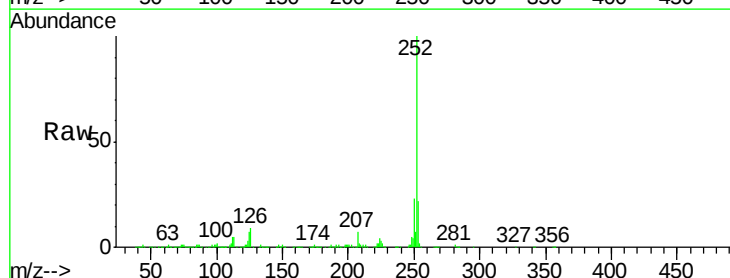
Tgt Ion:252 Resp: 1532828

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

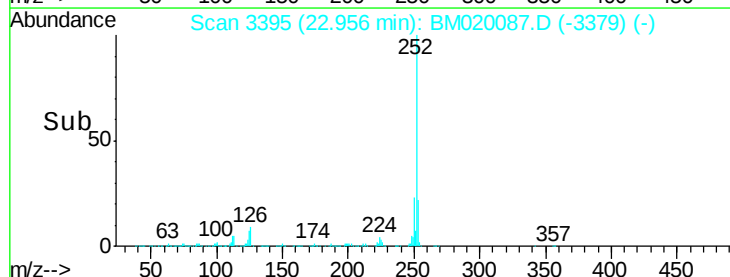
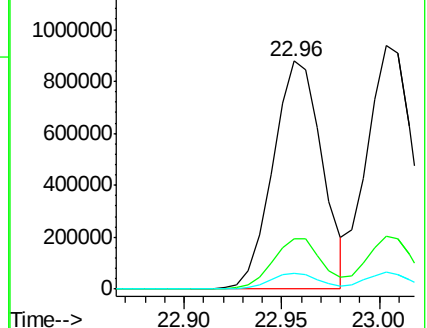
125 7.0 5.4 8.2

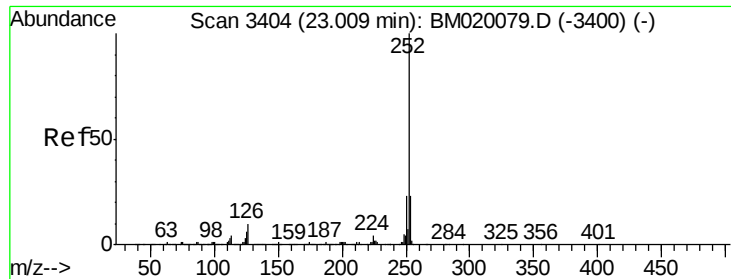


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.433 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

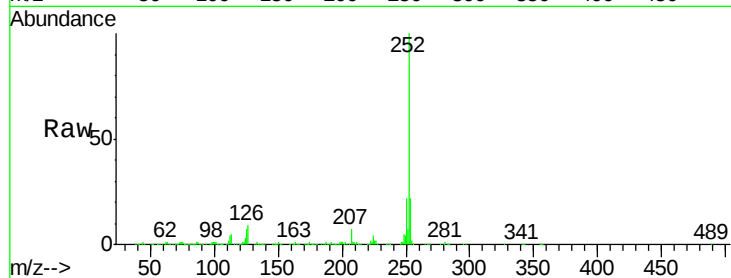
Tot Ion:252 Resp: 1544295

Ion Ratio Lower Upper

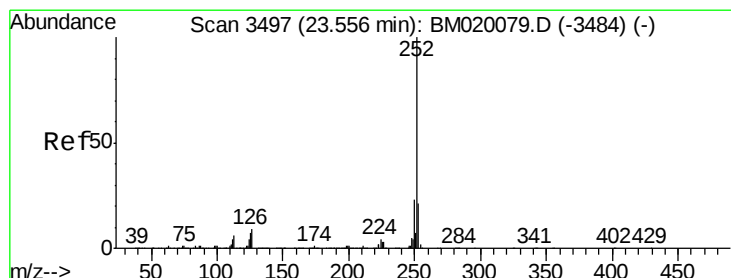
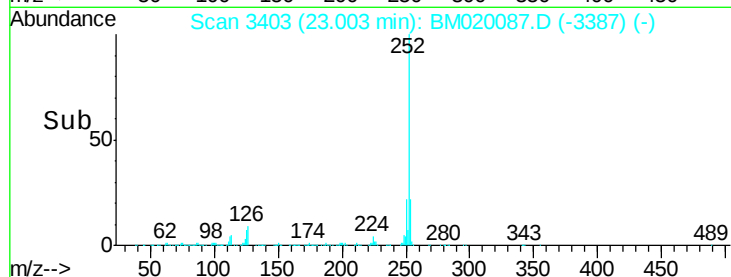
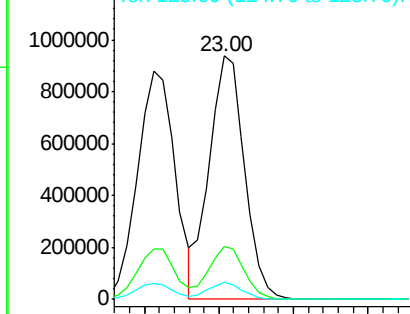
252 100

253 21.7 17.8 26.8

125 7.0 5.4 8.0



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



#90

Benzo(a)pyrene

Concen: 47.247 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

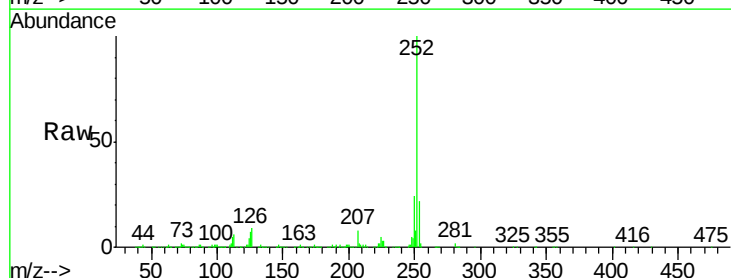
Tgt Ion:252 Resp: 1469746

Ion Ratio Lower Upper

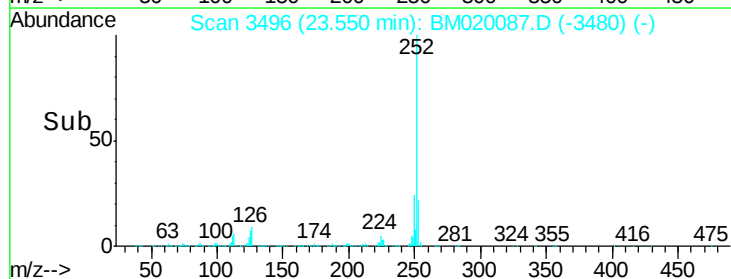
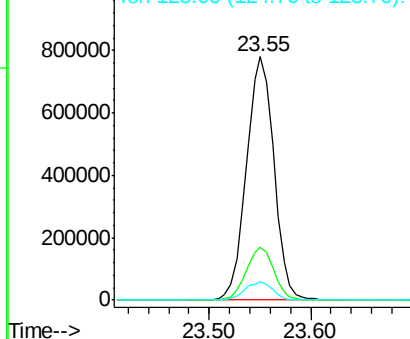
252 100

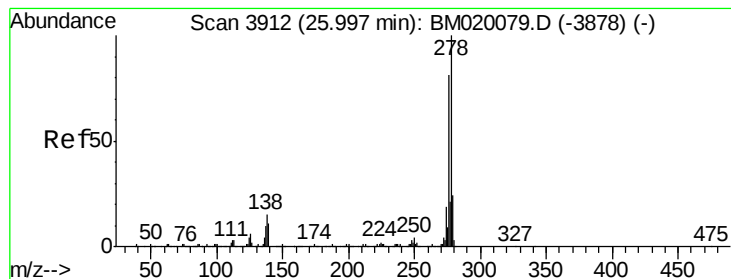
253 21.7 17.0 25.6

125 7.4 5.5 8.3



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: 44.541 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

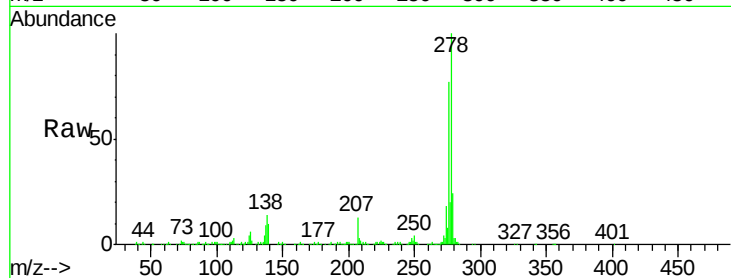
Tot Ion:278 Resp: 1440934

Ion Ratio Lower Upper

278 100

139 10.2 8.6 13.0

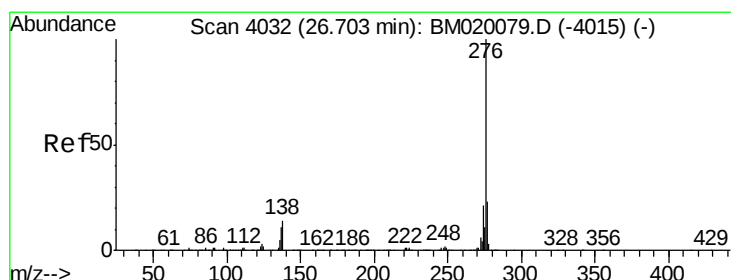
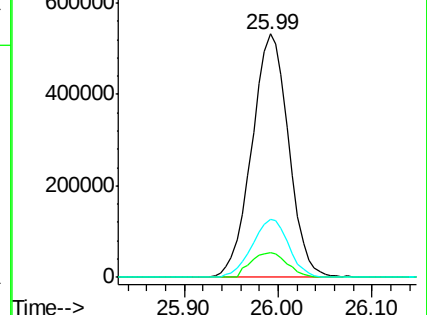
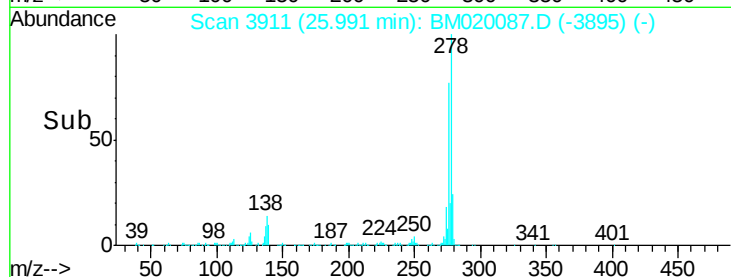
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.282 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

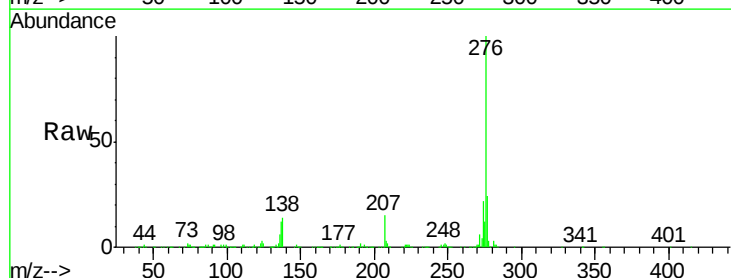
Tgt Ion:276 Resp: 1390793

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 14.2 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

