

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020121.D
 Acq On : 03 May 2019 20:40
 Operator : JU/SJ
 Sample : K2584-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 23:56:52 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	129873	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	463423	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	281291	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	644847	20.00	ng	0.00
76) Chrysene-d12	21.36	240	679427	20.00	ng	-0.01
87) Perylene-d12	23.64	264	789576	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1078530	135.74	ng	0.00
7) Phenol-d6	6.95	99	1531857	141.13	ng	0.00
23) Nitrobenzene-d5	8.95	82	1089537	92.82	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	610596	139.85	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1893770	82.83	ng	-0.01
79) Terphenyl-d14	19.80	244	3693960	94.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	115322	29.594	ng	94
3) Pyridine	3.70	79	326779	32.789	ng	98
4) n-Nitrosodimethylamine	3.62	42	128042	40.066	ng	# 90
6) Aniline	7.12	93	391644	28.663	ng	99
8) 2-Chlorophenol	7.35	128	361126	41.743	ng	97
9) Benzaldehyde	6.93	77	89817	10.933	ng	98
10) Phenol	6.98	94	516931	44.239	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	347794	40.951	ng	97
12) 1,3-Dichlorobenzene	7.67	146	385552	38.304	ng	99
13) 1,4-Dichlorobenzene	7.82	146	391438	38.496	ng	98
14) 1,2-Dichlorobenzene	8.13	146	380742	39.302	ng	98
15) Benzyl Alcohol	8.03	79	432896	41.360	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	280101	39.774	ng	98
17) 2-Methylphenol	8.22	107	325833	43.317	ng	98
18) Hexachloroethane	8.86	117	154612	36.467	ng	91
19) n-Nitroso-di-n-propylamine	8.59	70	361395	38.916	ng	95
20) 3+4-Methylphenols	8.55	107	434382	43.450	ng	98
22) Acetophenone	8.61	105	594098	46.907	ng	# 97
24) Nitrobenzene	8.99	77	536662	44.095	ng	97
25) Isophorone	9.51	82	861882	42.578	ng	99
26) 2-Nitrophenol	9.70	139	191506	52.121	ng	96
27) 2,4-Dimethylphenol	9.75	122	308892	50.496	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	474711	43.059	ng	97
29) 2,4-Dichlorophenol	10.22	162	369097	47.851	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	438368	46.187	ng	99
31) Naphthalene	10.63	128	1094169	45.498	ng	99
32) Benzoic acid	9.85	122	116401	29.672	ng	94
33) 4-Chloroaniline	10.75	127	146811	14.832	ng	98
34) Hexachlorobutadiene	10.90	225	295671	44.038	ng	98
35) Caprolactam	11.53	113	61472	26.652	ng	97
36) 4-Chloro-3-methylphenol	11.86	107	366027	40.380	ng	94
37) 2-Methylnaphthalene	12.24	142	784880	44.768	ng	99
38) 1-Methylnaphthalene	12.46	142	730575	42.613	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	508794	46.232	ng	99

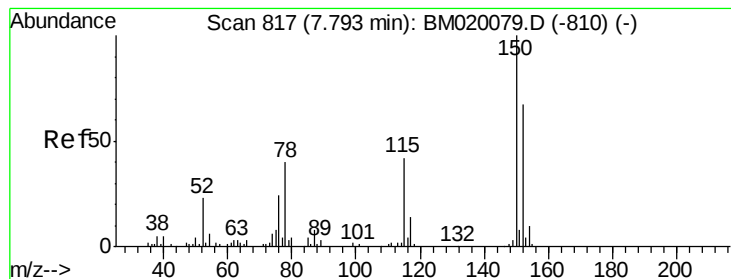
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	489423	75.529	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	292708	46.799	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	311303	44.553	ng	96
46) 1,1'-Biphenyl	13.26	154	970212	41.904	ng	98
47) 2-Chloronaphthalene	13.30	162	790479	42.761	ng	99
48) 2-Nitroaniline	13.52	65	267097	40.585	ng	93
49) Acenaphthylene	14.15	152	1108920	37.483	ng	99
50) Dimethylphthalate	13.89	163	1118739	46.794	ng	98
51) 2,6-Dinitrotoluene	14.01	165	201990	40.114	ng	98
52) Acenaphthene	14.49	154	678201	39.976	ng	99
53) 3-Nitroaniline	14.35	138	126257	27.016	ng	94
54) 2,4-Dinitrophenol	14.55	184	227838	89.238	ng	94
55) Dibenzofuran	14.83	168	1122539	39.227	ng	98
56) 4-Nitrophenol	14.65	139	372479	93.413	ng	89
57) 2,4-Dinitrotoluene	14.80	165	294106	42.984	ng	96
58) Fluorene	15.47	166	913523	38.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	301246	45.369	ng	97
60) Diethylphthalate	15.25	149	1004233	41.693	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	529369	39.753	ng	94
62) 4-Nitroaniline	15.51	138	210515	40.816	ng	98
63) Azobenzene	15.76	77	1065394	37.494	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	151962	46.899	ng	96
66) n-Nitrosodiphenylamine	15.69	169	831382	43.815	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	337130	42.634	ng	94
68) Hexachlorobenzene	16.47	284	391345	43.007	ng	97
69) Atrazine	16.64	200	311637	42.026	ng	98
70) Pentachlorophenol	16.82	266	531831	102.150	ng	98
71) Phenanthrene	17.22	178	1608798	45.196	ng	100
72) Anthracene	17.31	178	1602683	45.032	ng	99
73) Carbazole	17.58	167	1487118	46.309	ng	99
74) Di-n-butylphthalate	18.14	149	1866412	48.294	ng	98
75) Fluoranthene	19.23	202	2261137	50.205	ng	100
77) Benzidine	19.43	184	645345	29.710	ng	100
78) Pyrene	19.60	202	2306660	50.567	ng	99
80) Butylbenzylphthalate	20.50	149	910336	54.878	ng	100
81) Benzo(a)anthracene	21.34	228	2373167	49.806	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	745021	40.967	ng	99
83) Chrysene	21.40	228	2334097	50.510	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1390314	54.012	ng	99
85) Di-n-octyl phthalate	22.16	149	2402314	56.152	ng	98
86) Indeno(1,2,3-cd)pyrene	25.97	276	3070164	55.856	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2580755	49.497	ng	100
89) Benzo(k)fluoranthene	23.00	252	2531499	53.227	ng	99
90) Benzo(a)pyrene	23.54	252	2529128	53.403	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	2604867	52.889	ng	99
92) Benzo(g,h,i)perylene	26.69	276	2532675	54.163	ng	99

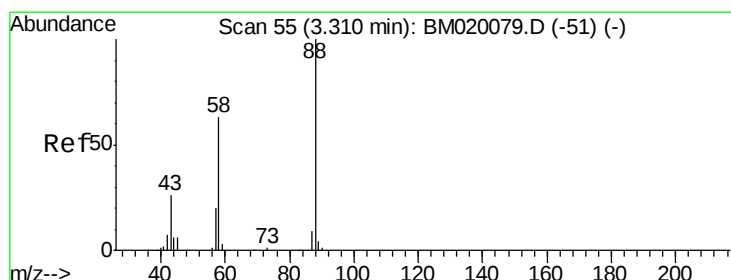
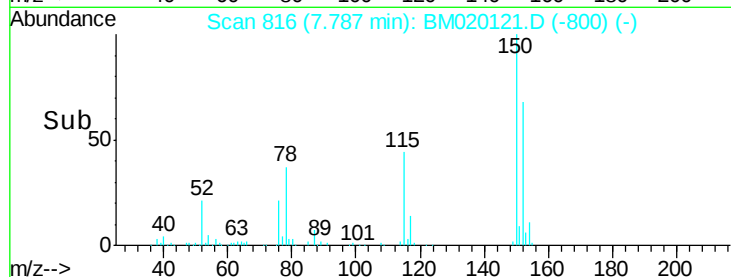
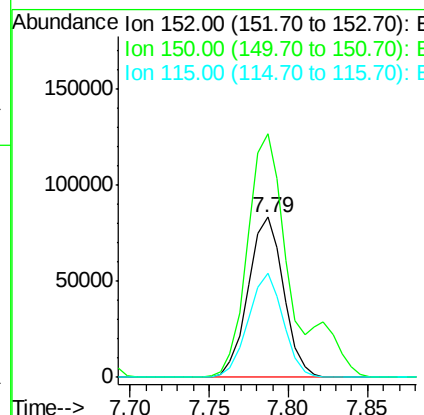
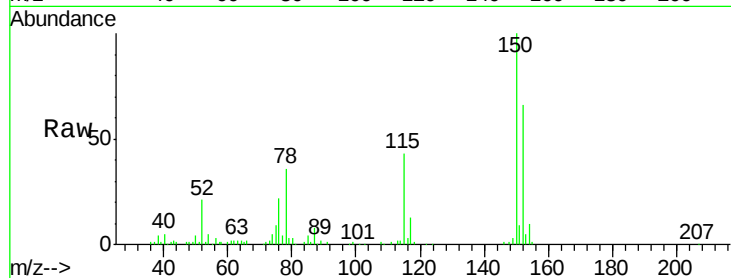
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

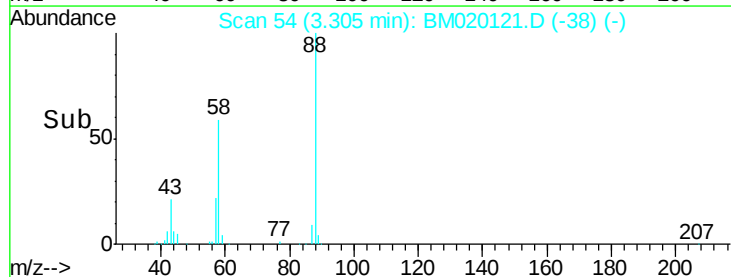
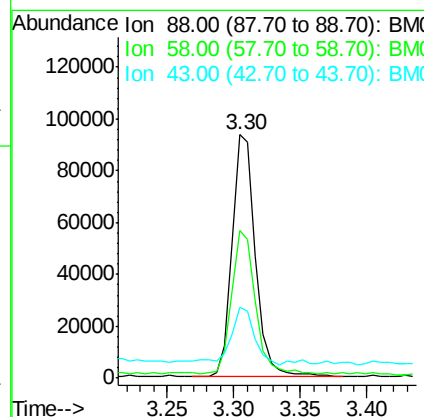
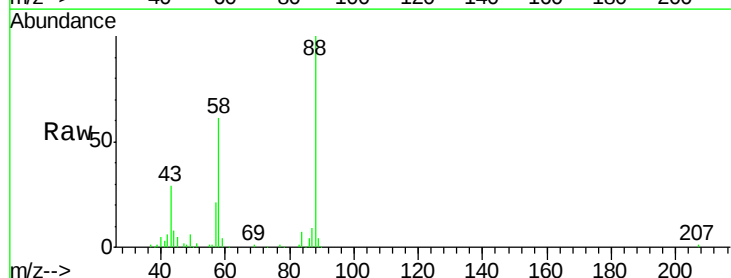
Instrument :
 BNA_M
 ClientSampleId :

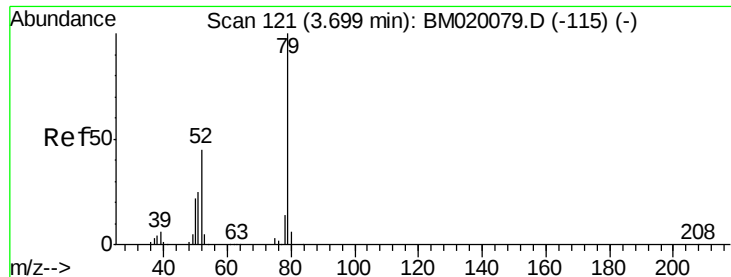
Tot Ion:152 Resp: 129873
 Ion Ratio Lower Upper
 152 100
 150 151.9 119.8 179.8
 115 64.6 50.8 76.2



#2
 1,4-Dioxane
 Concen: 29.594 ng
 RT: 3.30 min Scan# 54
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion: 88 Resp: 115322
 Ion Ratio Lower Upper
 88 100
 58 59.3 51.8 77.6
 43 23.9 20.3 30.5





#3

Pvridine

Concen: 32.789 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

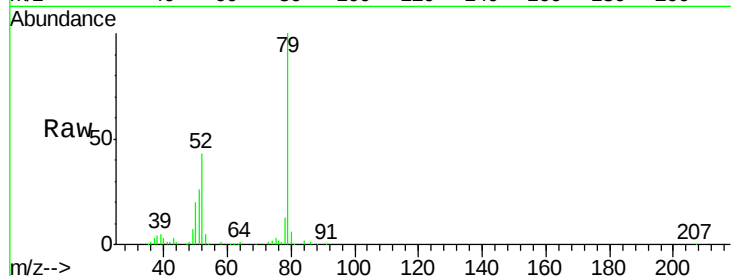
Tot Ion: 79 Resp: 326779

Ion Ratio Lower Upper

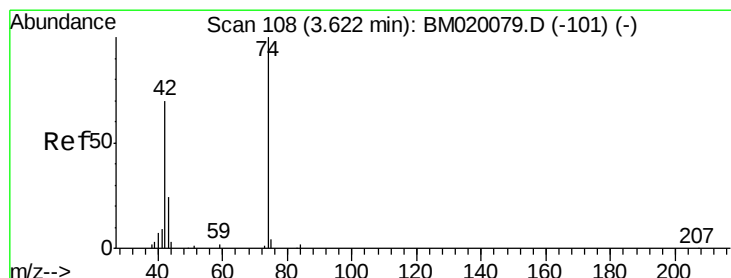
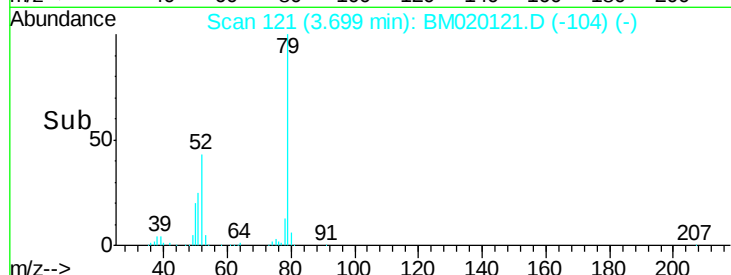
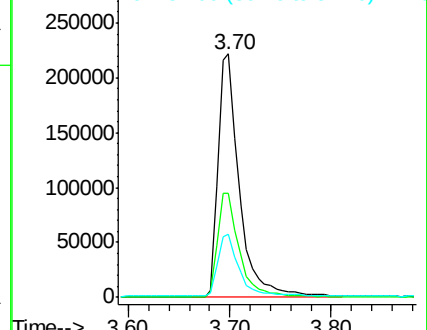
79 100

52 42.8 35.7 53.5

51 26.0 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 40.066 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

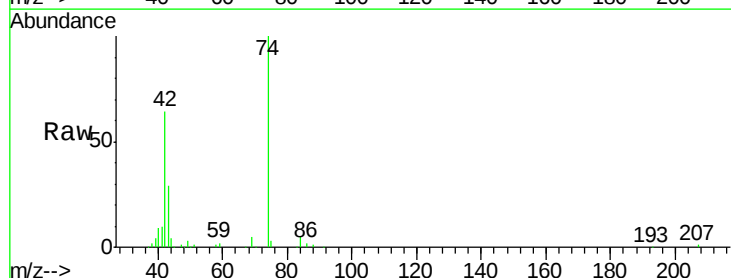
Tgt Ion: 42 Resp: 128042

Ion Ratio Lower Upper

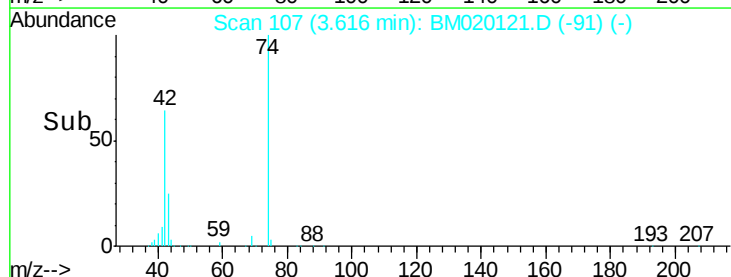
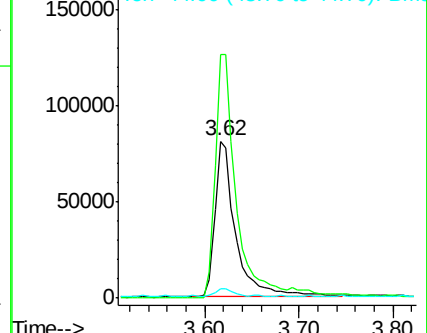
42 100

74 155.1 113.7 170.5

44 6.2 3.9 5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 135.745 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampled :

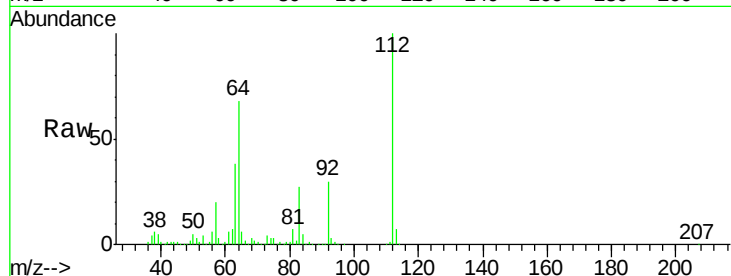
Tot Ion:112 Resp: 1078530

Ion Ratio Lower Upper

112 100

64 67.7 53.8 80.6

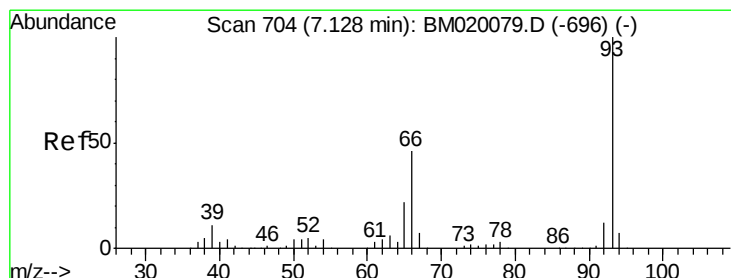
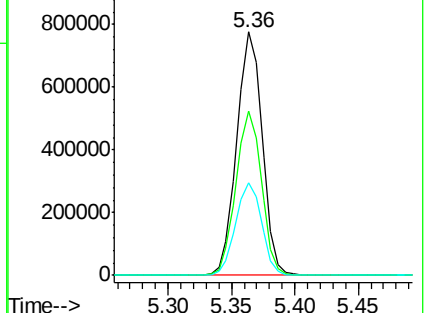
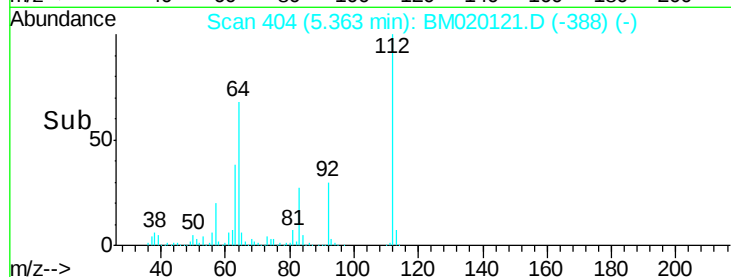
63 38.3 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 28.663 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

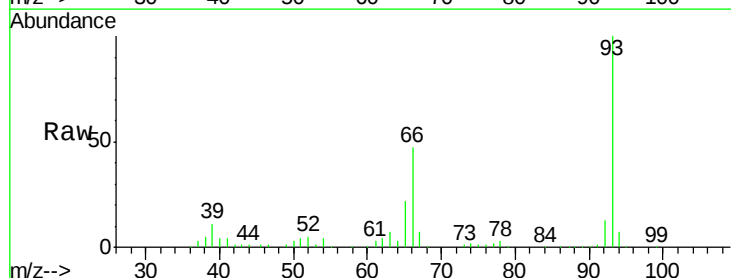
Tgt Ion: 93 Resp: 391644

Ion Ratio Lower Upper

93 100

66 46.6 36.6 54.8

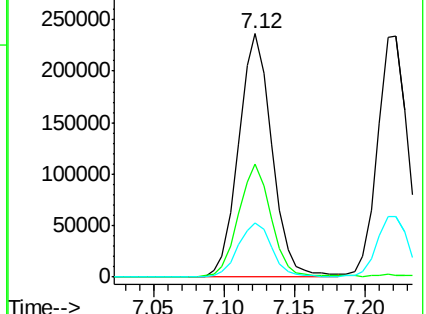
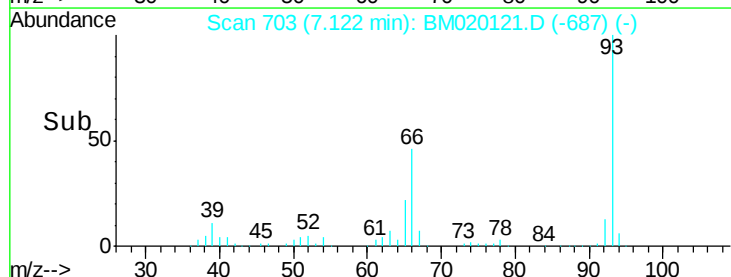
65 22.3 17.8 26.6

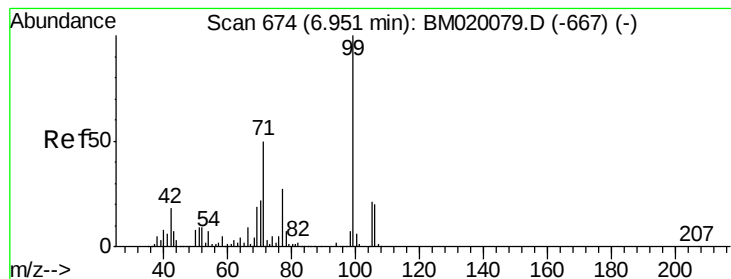


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 141.128 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

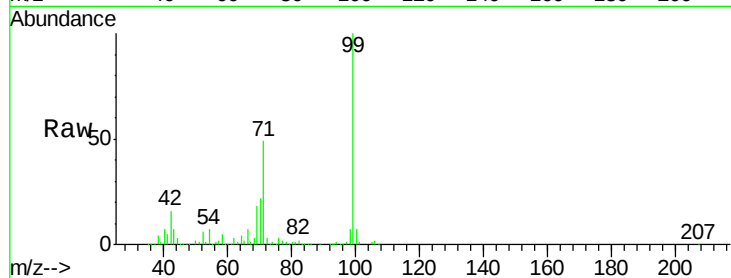
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1531857

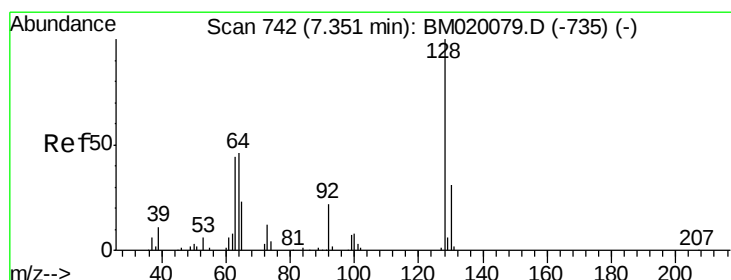
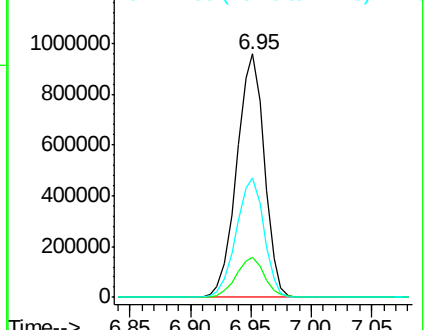
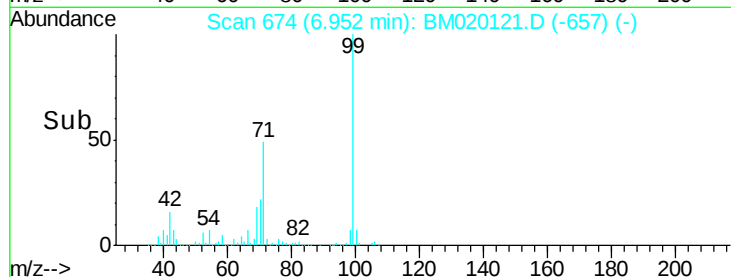
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.2
71	49.1	40.3	60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020121.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020121.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020121.D (-657) (-)



#8

2-Chlorophenol

Concen: 41.743 ng

RT: 7.35 min Scan# 741

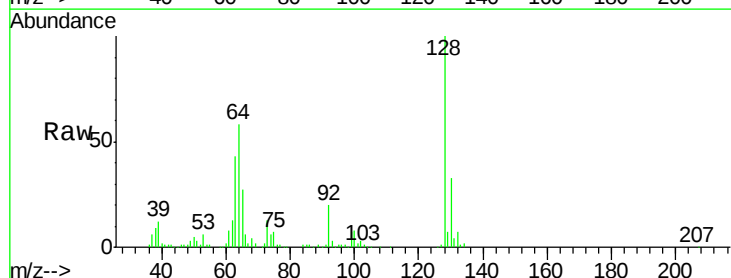
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion: 128 Resp: 361126

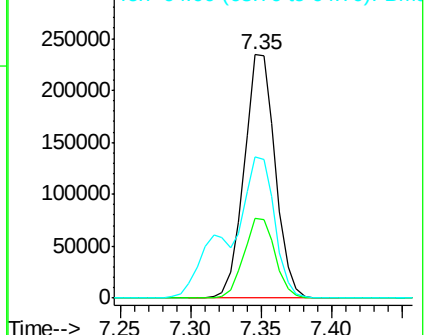
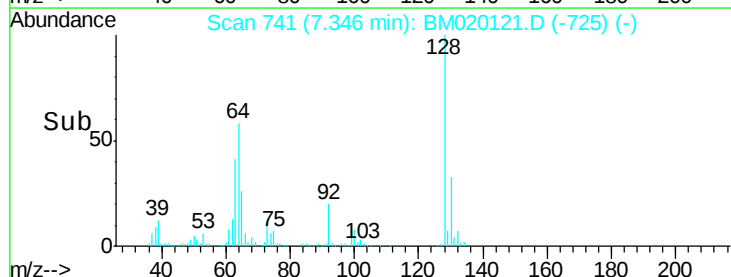
Ion	Ratio	Lower	Upper
128	100		
130	32.7	10.8	50.8
64	58.0	36.5	76.5

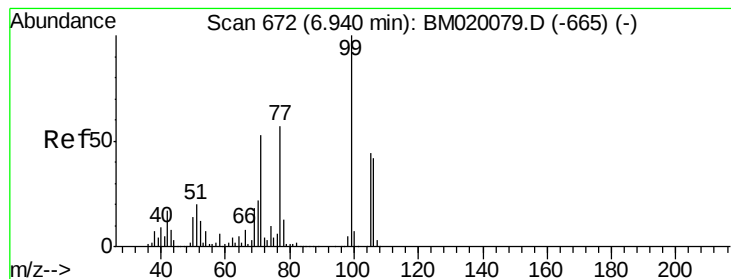


Abundance Ion 128.00 (127.70 to 128.70): BM020121.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020121.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020121.D (-725) (-)





#9

Benzaldehyde

Concen: 10.933 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

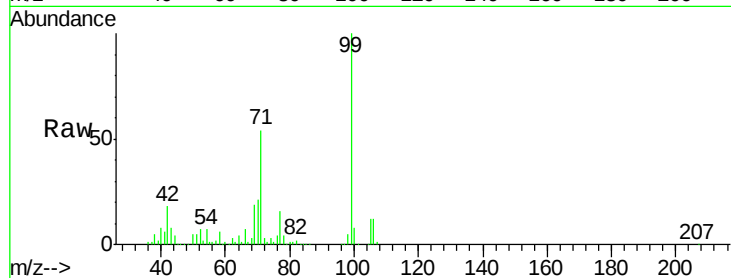
Tot Ion: 77 Resp: 89817

Ion Ratio Lower Upper

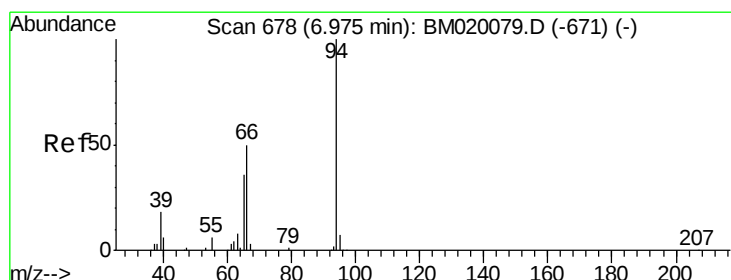
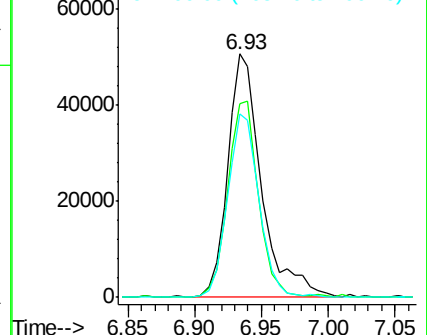
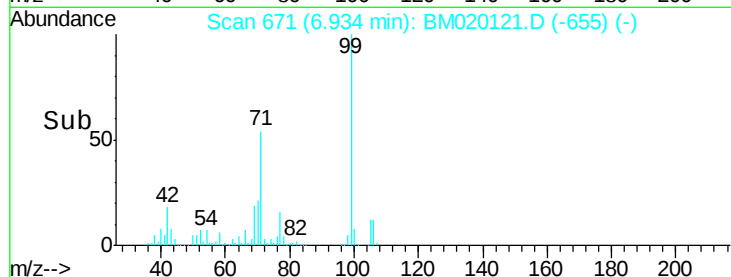
77 100

105 79.5 57.8 97.8

106 75.3 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020121.D (-655) (-)



#10

Phenol

Concen: 44.239 ng

RT: 6.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

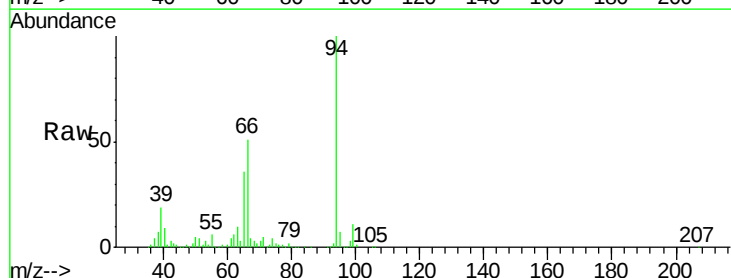
Tgt Ion: 94 Resp: 516931

Ion Ratio Lower Upper

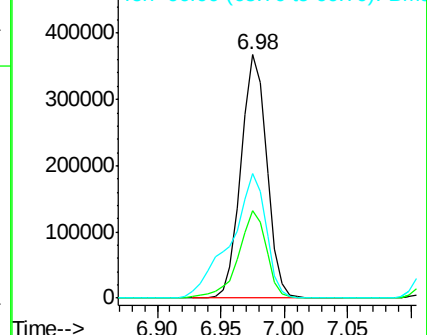
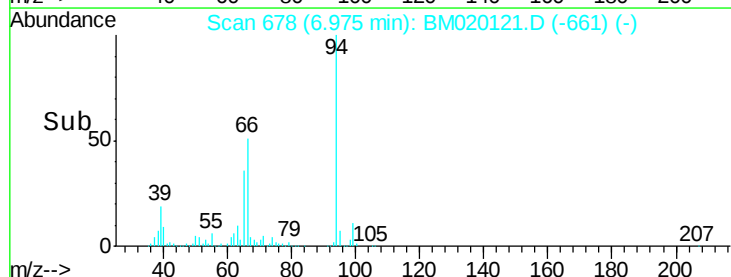
94 100

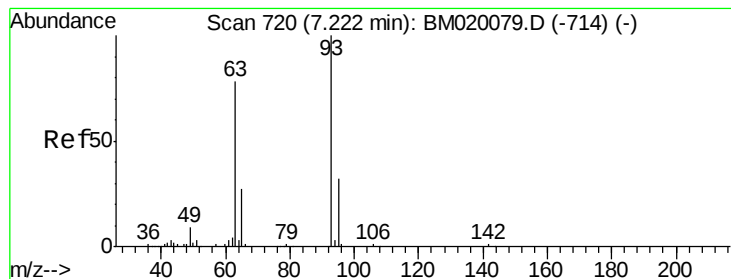
65 36.0 17.0 57.0

66 51.2 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020121.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 40.951 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

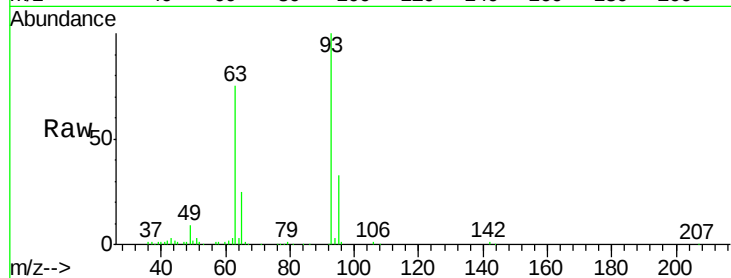
Tot Ion: 93 Resp: 347794

Ion Ratio Lower Upper

93 100

63 75.5 57.9 97.9

95 33.2 11.3 51.3

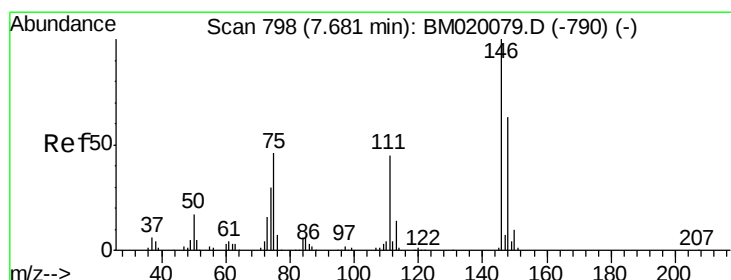
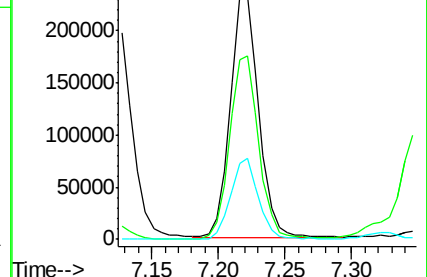
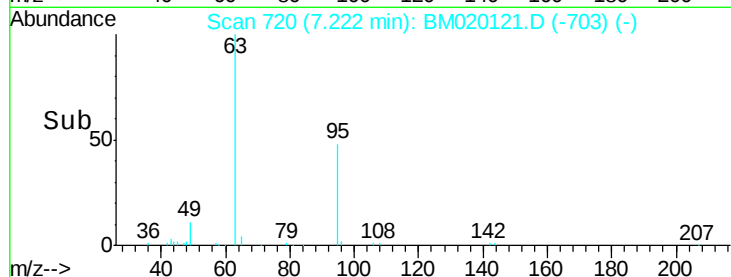


Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 38.304 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

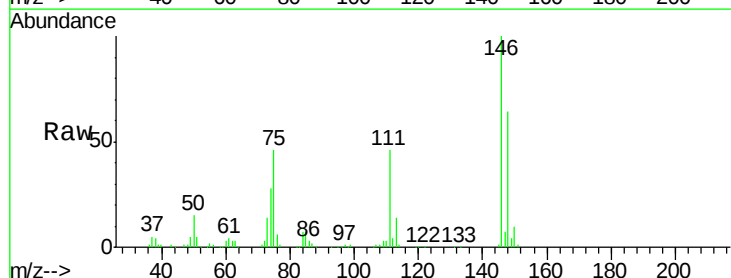
Tgt Ion: 146 Resp: 385552

Ion Ratio Lower Upper

146 100

148 63.6 50.1 75.1

75 45.5 37.2 55.8

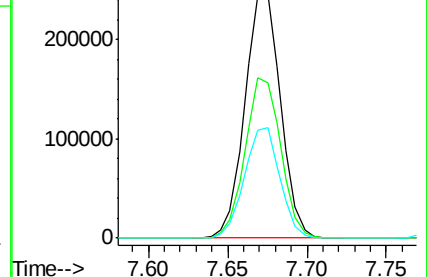
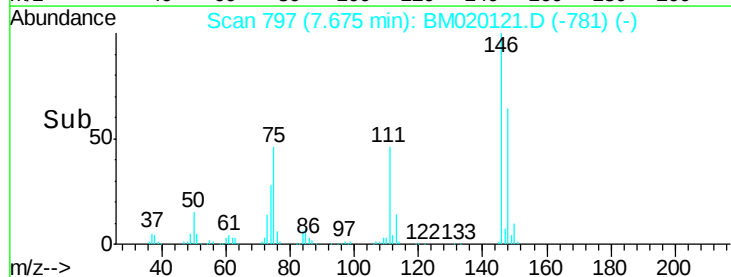


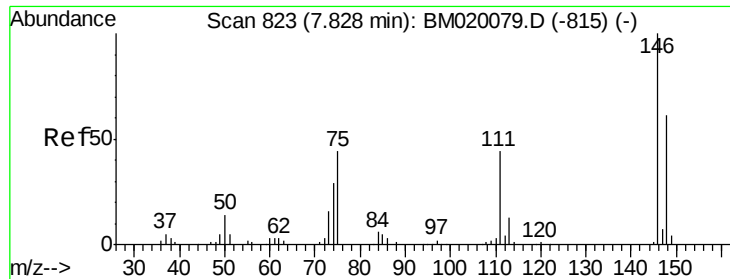
Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)

Time-->

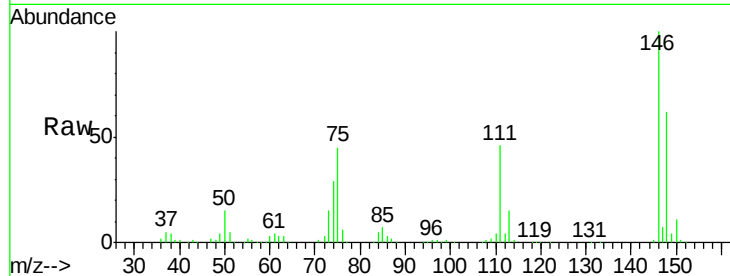




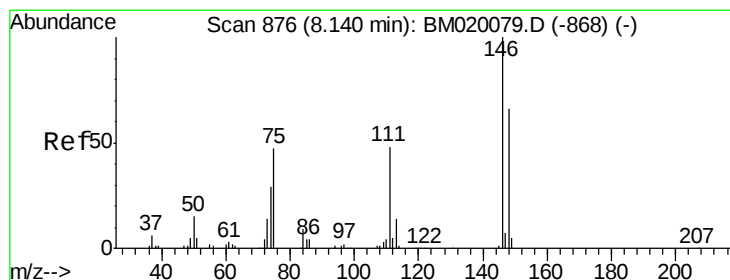
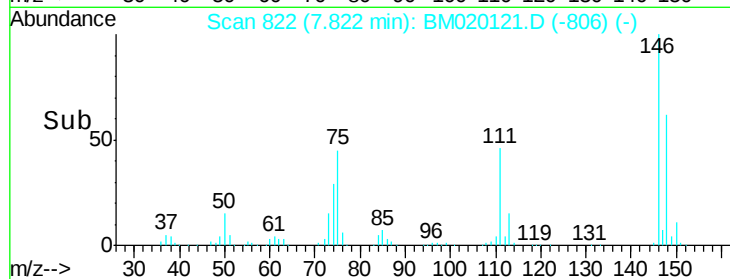
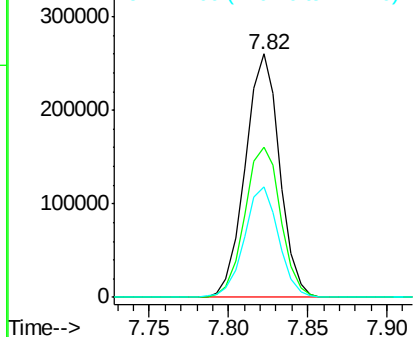
#13
 1,4-Dichlorobenzene
 Concen: 38.496 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 391438
 Ion Ratio Lower Upper
 146 100
 148 61.8 48.5 72.7
 111 45.5 35.7 53.5

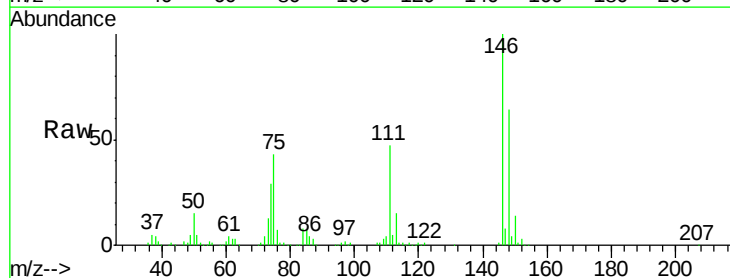


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

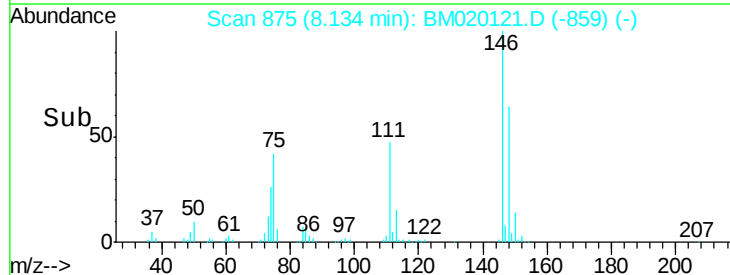
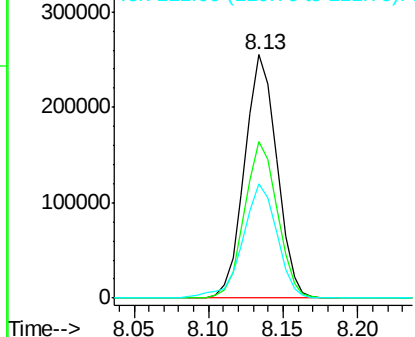


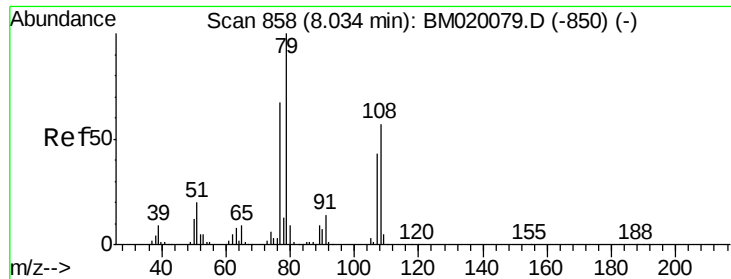
#14
 1,2-Dichlorobenzene
 Concen: 39.302 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:146 Resp: 380742
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.6 79.0
 111 47.1 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: 41.360 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampled :

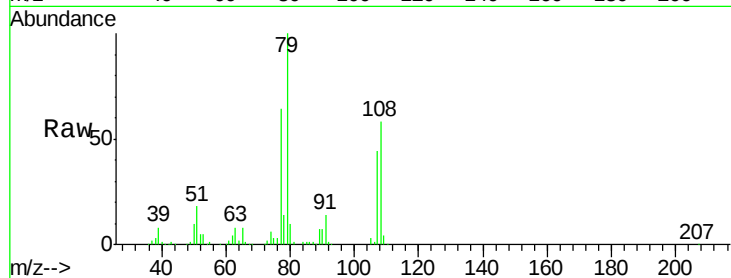
Tot Ion: 79 Resp: 432896

Ion Ratio Lower Upper

79 100

108 57.6 46.0 69.0

77 63.6 53.8 80.6

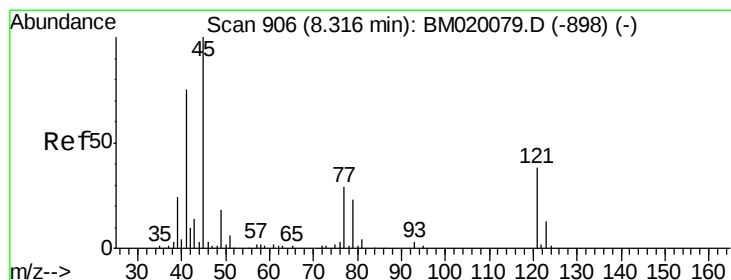
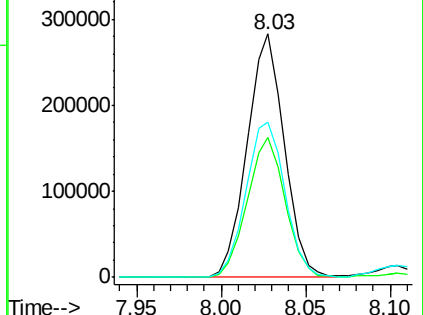
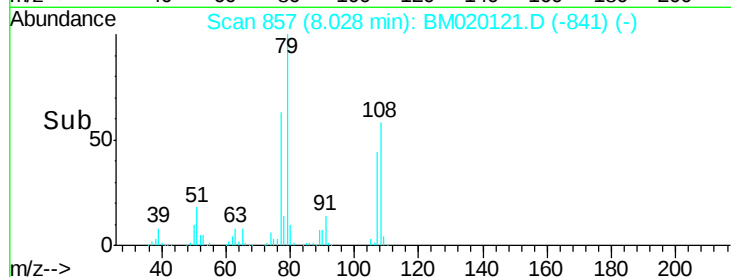


Abundance Ion 79.00 (78.70 to 79.70): BM020121.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020121.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020121.D (-841) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.774 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

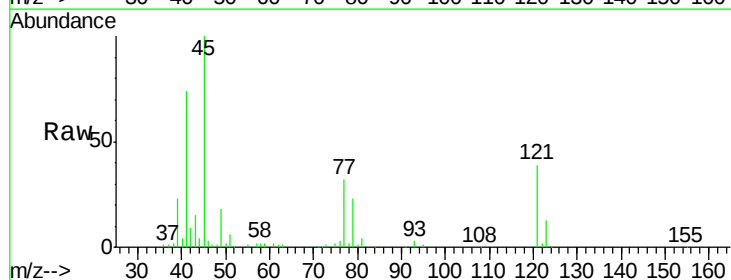
Tgt Ion: 45 Resp: 280101

Ion Ratio Lower Upper

45 100

77 32.0 10.5 50.5

79 22.6 3.3 43.3

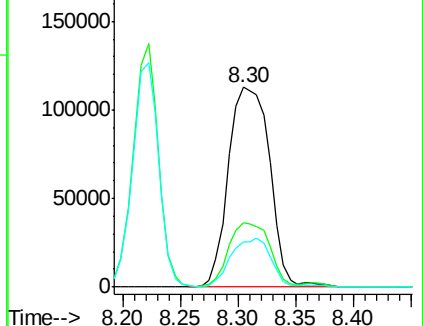
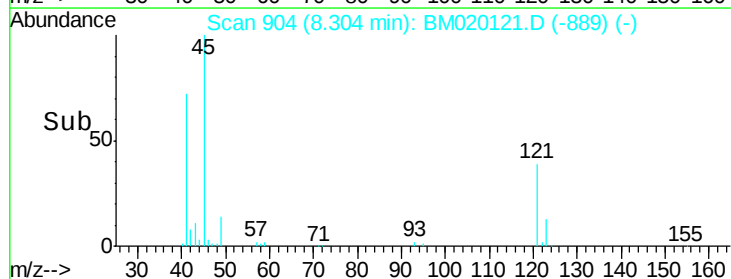


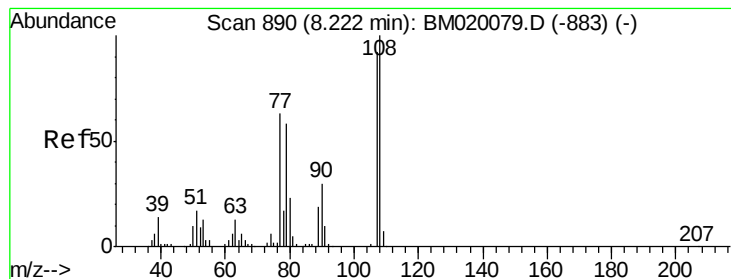
Abundance Ion 45.00 (44.70 to 45.70): BM020121.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020121.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020121.D (-889) (-)

Time-->

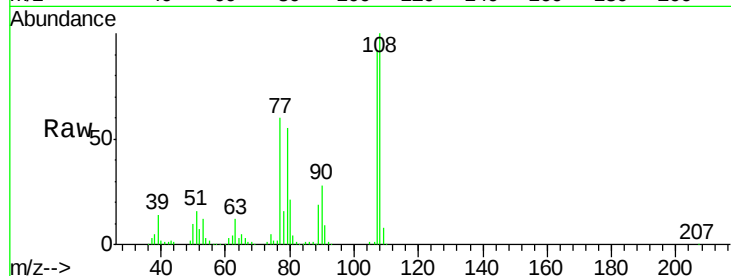




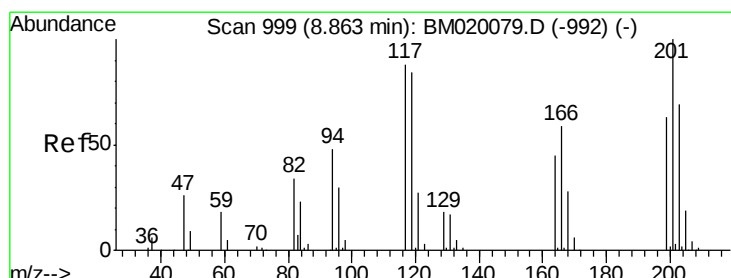
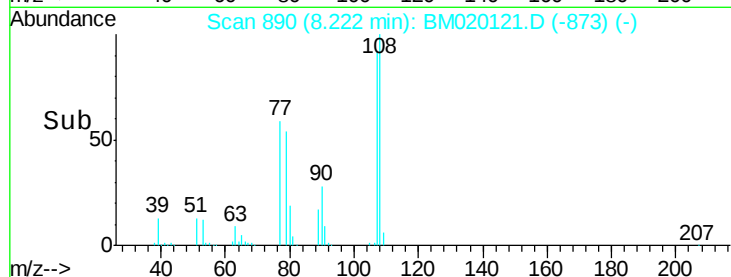
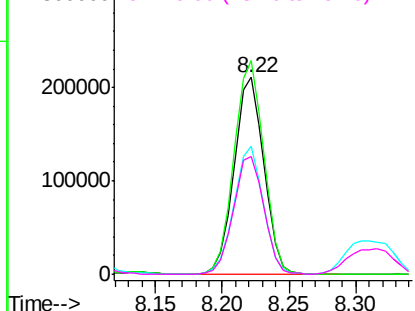
#17
2-Methylphenol
Concen: 43.317 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	325833
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.0	130.4
77	65.1	54.7	82.1
79	59.9	50.1	75.1

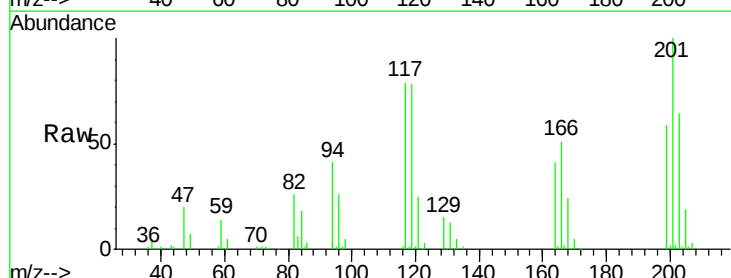


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

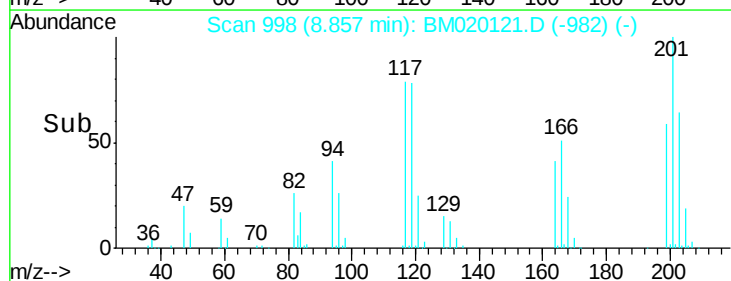
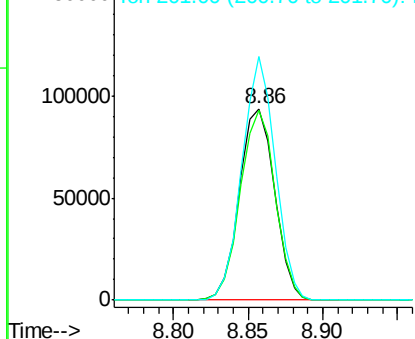


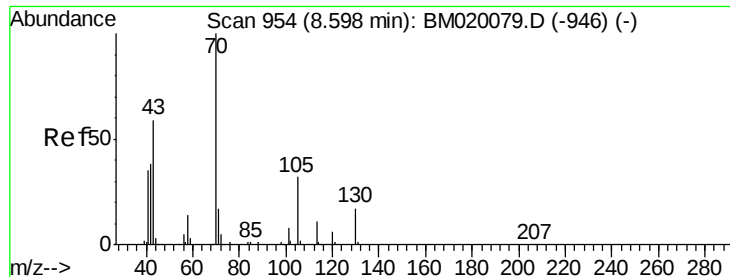
#18
Hexachloroethane
Concen: 36.467 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:	117	Resp:	154612
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.6	114.8
201	127.1	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

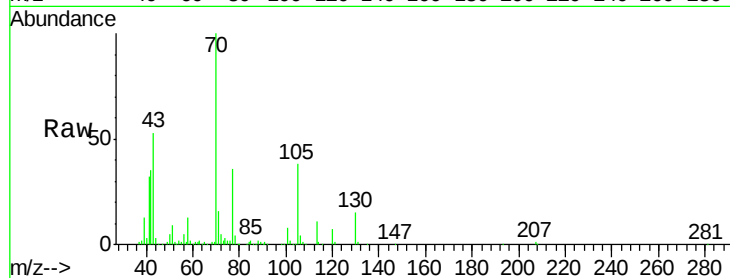




#19
n-Nitroso-di-n-propylamine
Concen: 38.916 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	361395
Ion	Ratio	Lower	Upper
70	100		
42	35.4	31.0	46.4
101	8.5	6.2	9.2
130	15.0	13.5	20.3

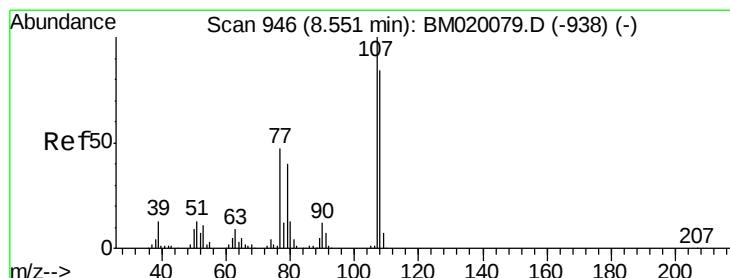
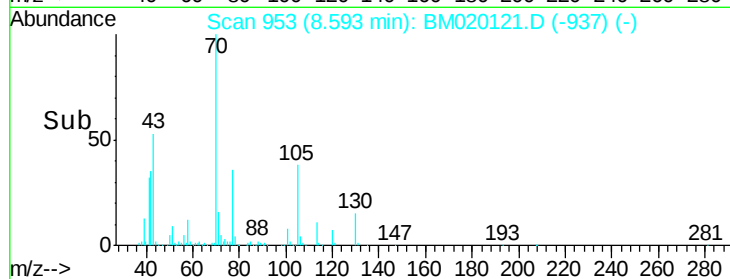
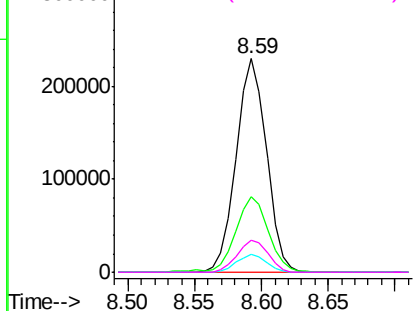


Abundance Ion 70.00 (69.70 to 70.70): BM020121.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM020121.D (-937) (-)

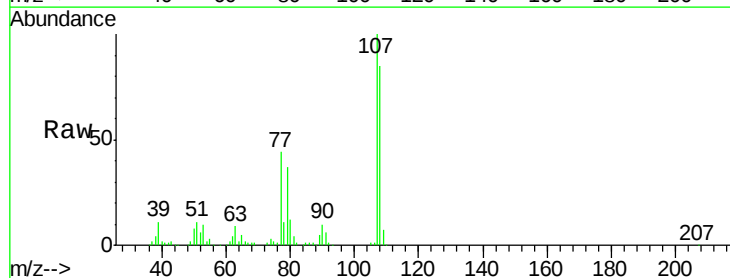
Ion 101.00 (100.70 to 101.70): BM020121.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM020121.D (-937) (-)



#20
3+4-Methylphenols
Concen: 43.450 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:	107	Resp:	434382
Ion	Ratio	Lower	Upper
107	100		
108	84.6	64.4	104.4
77	44.4	27.2	67.2
79	37.4	19.6	59.6

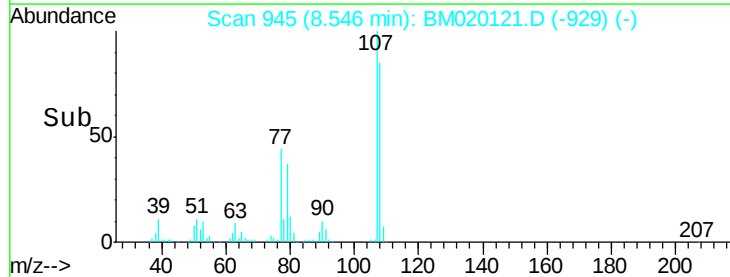
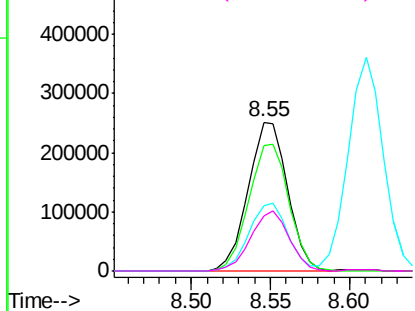


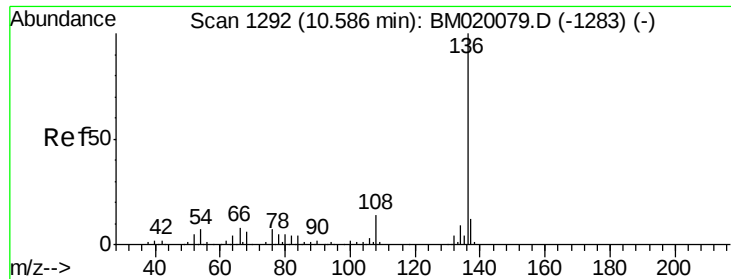
Abundance Ion 107.00 (106.70 to 107.70): BM020121.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM020121.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM020121.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM020121.D (-929) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 463423

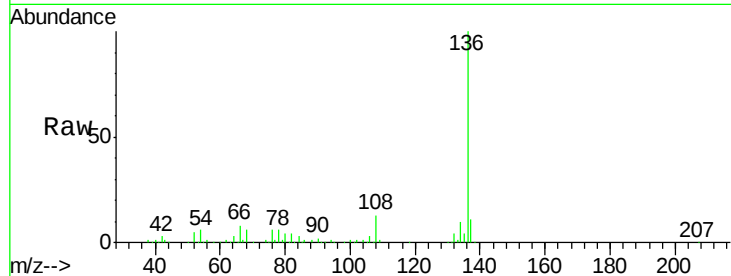
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 5.9 5.5 8.3

68 6.2 4.6 6.8

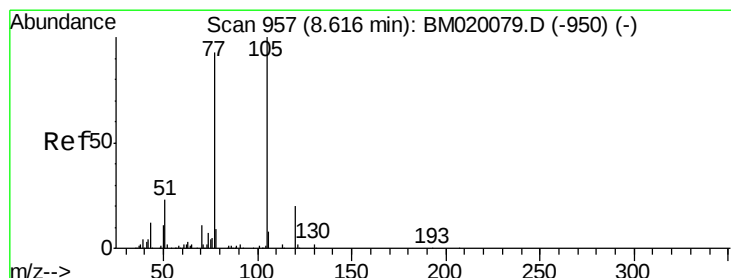
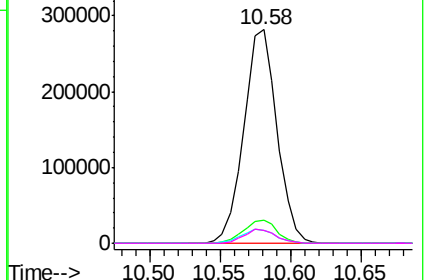
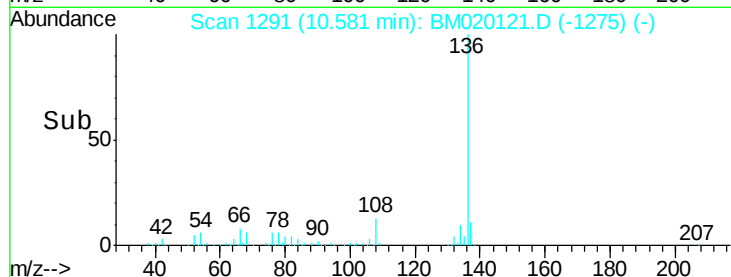


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 46.907 ng

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:105 Resp: 594098

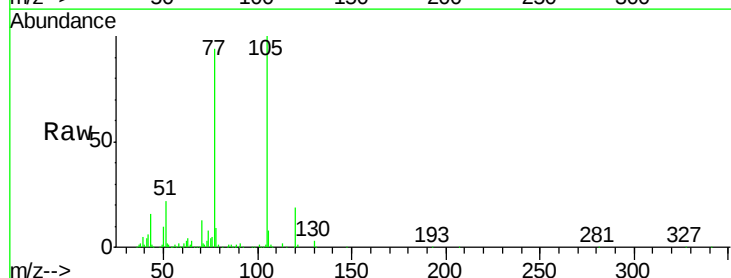
Ion Ratio Lower Upper

105 100

71 2.1 2.2 3.2#

51 22.1 19.3 28.9

120 19.1 16.2 24.4

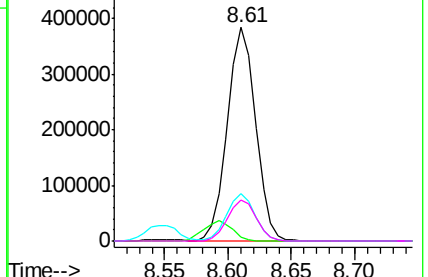
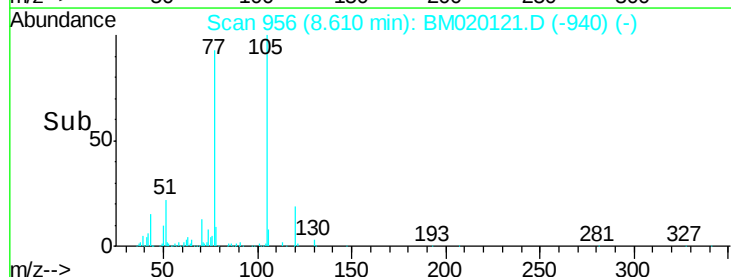


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

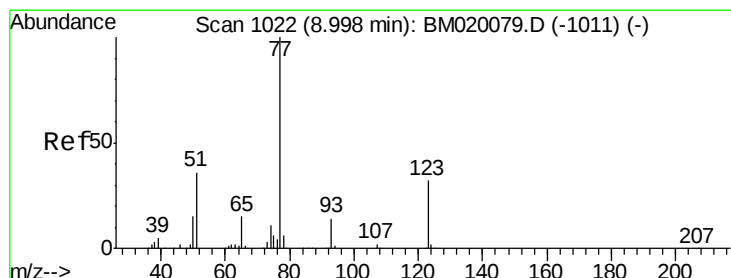
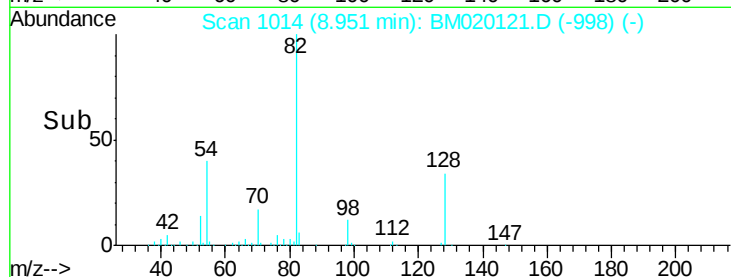
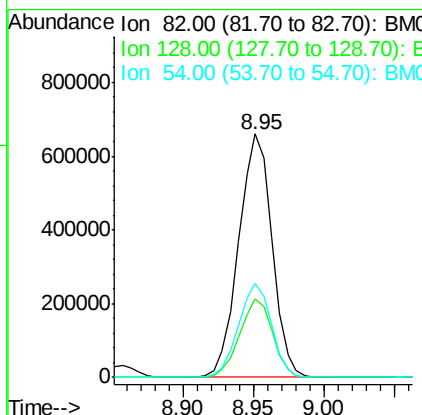
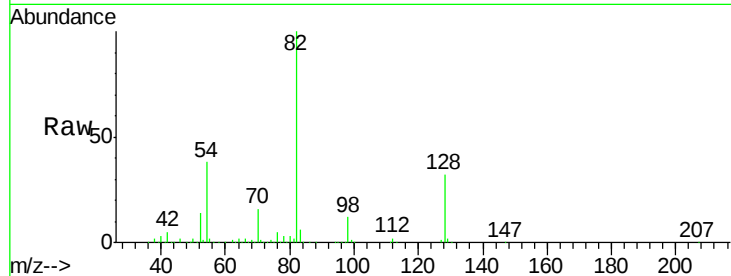




#23
 Nitrobenzene-d5
 Concen: 92.820 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

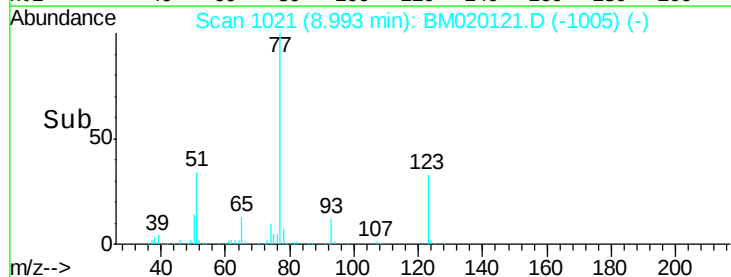
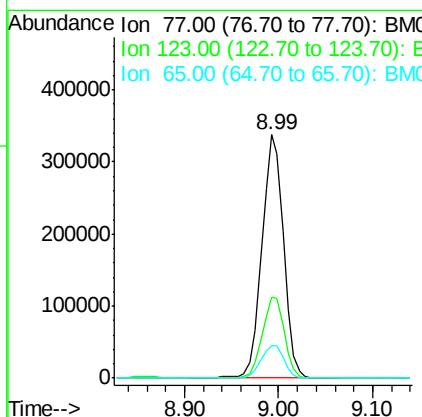
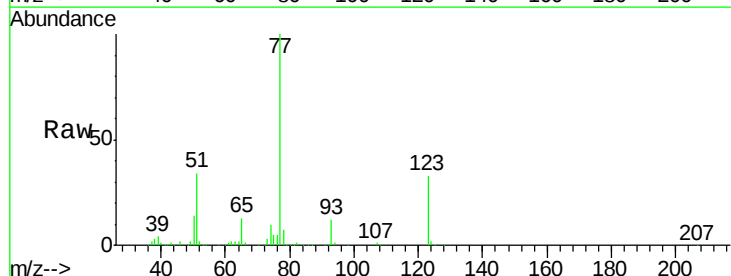
Instrument :
 BNA_M
 ClientSampleId :

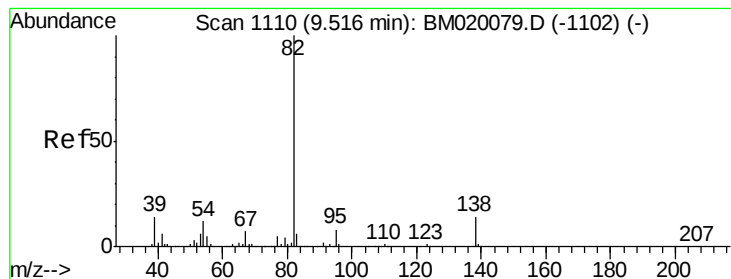
Tot Ion: 82 Resp: 1089537
 Ion Ratio Lower Upper
 82 100
 128 32.2 25.2 37.8
 54 38.5 31.9 47.9



#24
 Nitrobenzene
 Concen: 44.095 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion: 77 Resp: 536662
 Ion Ratio Lower Upper
 77 100
 123 33.3 25.5 38.3
 65 13.5 11.8 17.6





#25

Isophorone

Concen: 42.578 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

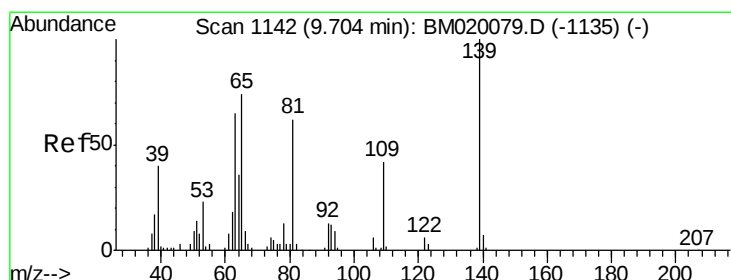
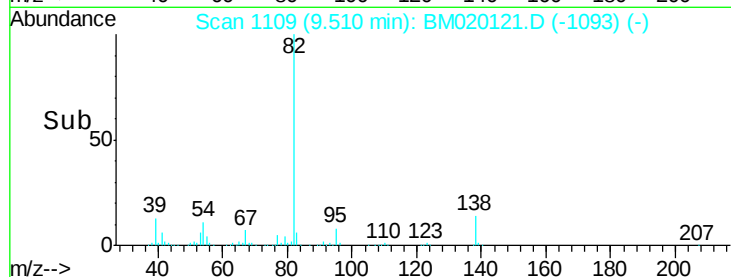
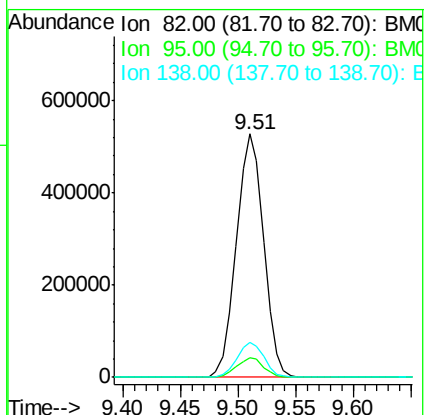
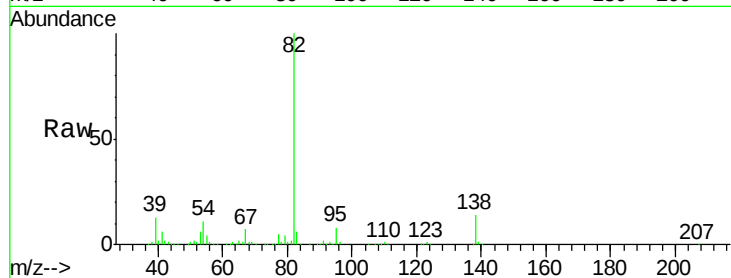
Tot Ion: 82 Resp: 861882

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 14.2 11.1 16.7



#26

2-Nitrophenol

Concen: 52.121 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

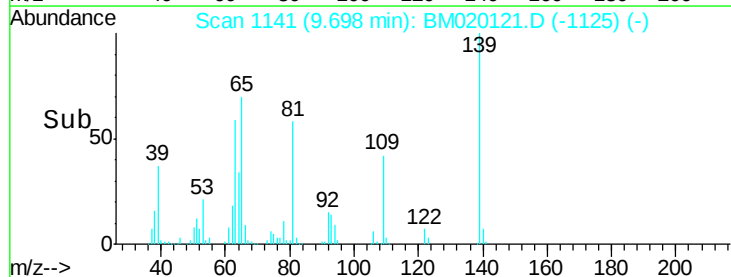
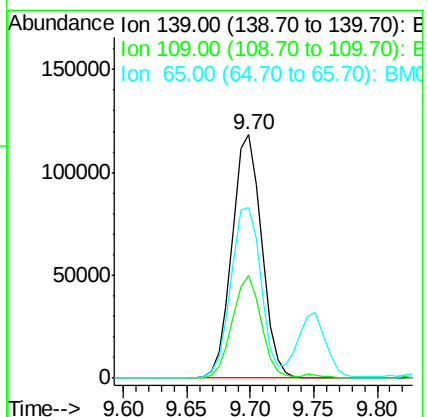
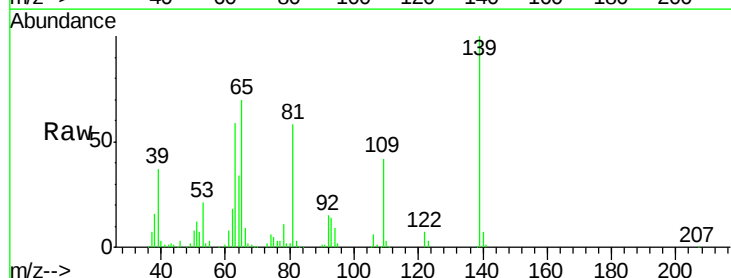
Tgt Ion: 139 Resp: 191506

Ion Ratio Lower Upper

139 100

109 42.3 33.7 50.5

65 69.9 59.5 89.3

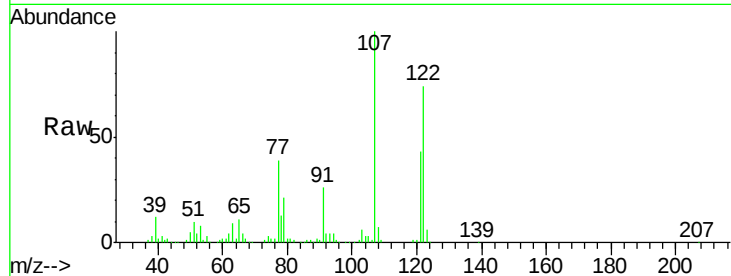




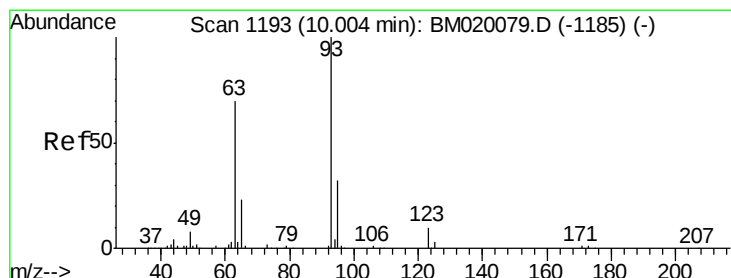
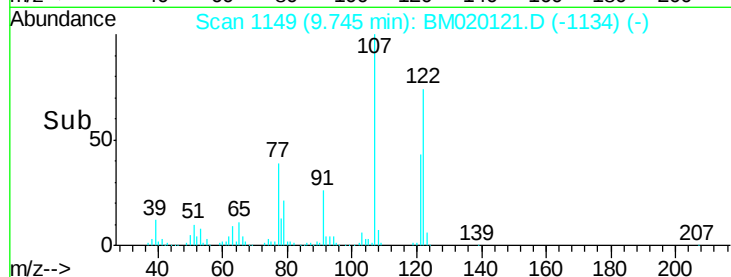
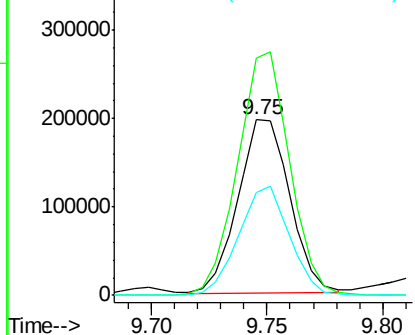
#27
 2,4-Dimethylphenol
 Concen: 50.496 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	108.6	162.8
121	58.5	47.4	71.2

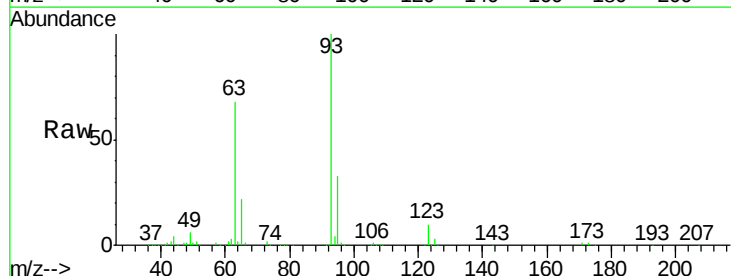


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

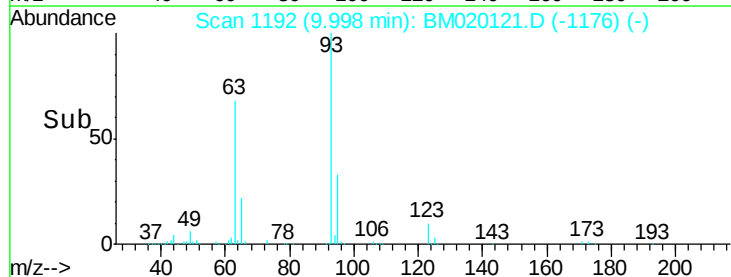
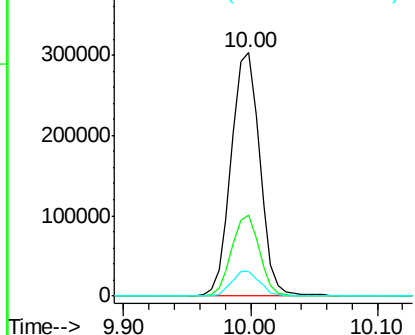


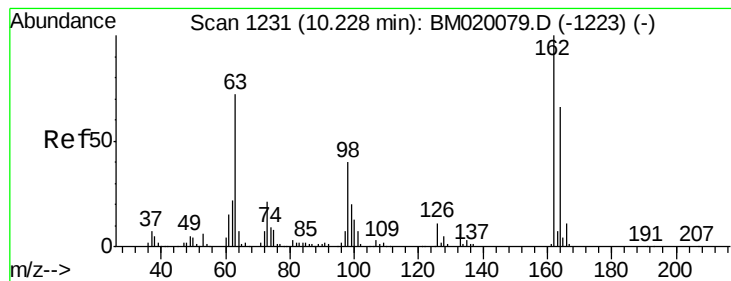
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.059 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	10.4	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: 47.851 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

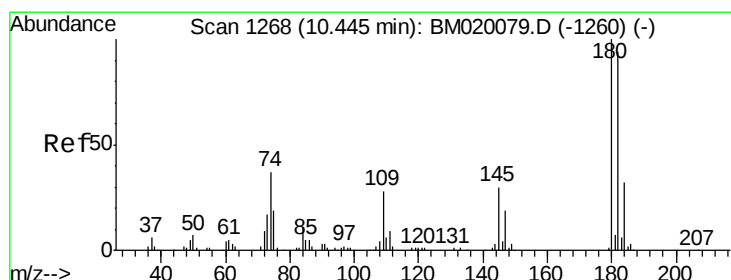
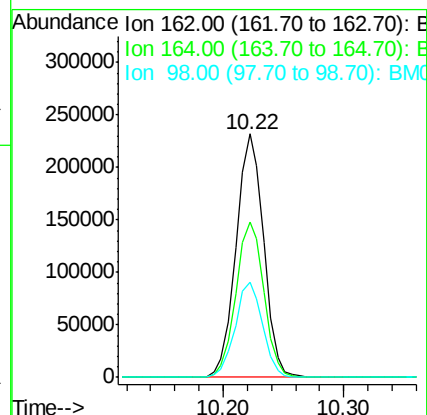
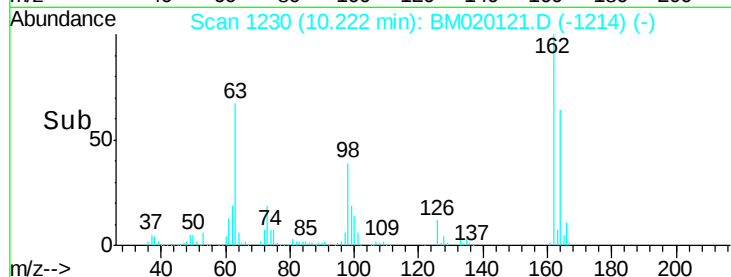
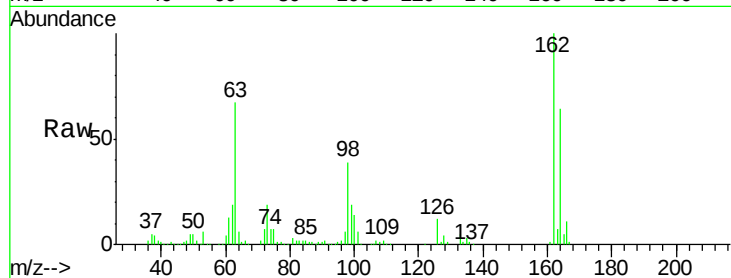
Tot Ion:162 Resp: 369097

Ion Ratio Lower Upper

162 100

164 63.6 45.6 85.6

98 39.2 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 46.187 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

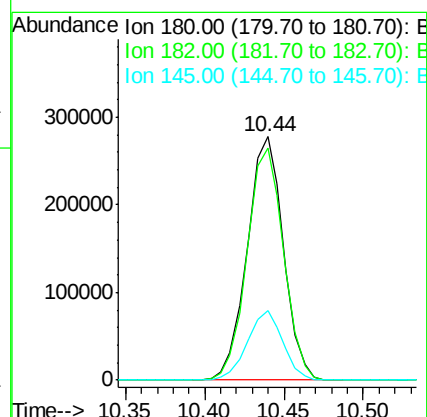
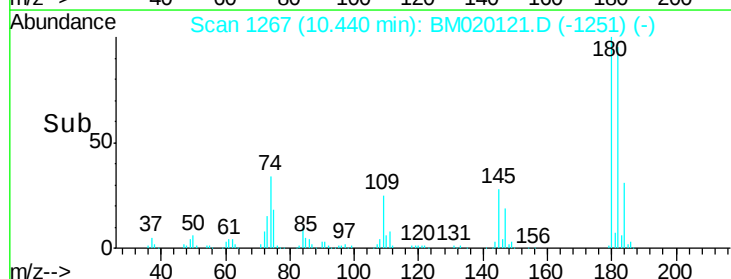
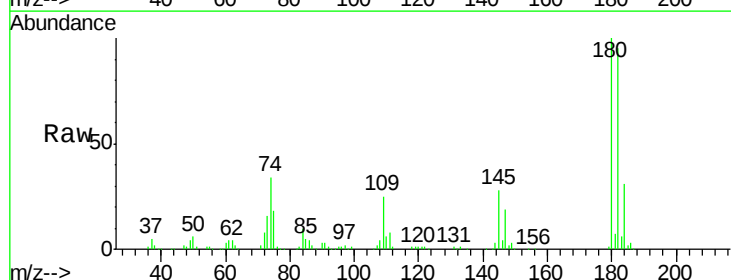
Tgt Ion:180 Resp: 438368

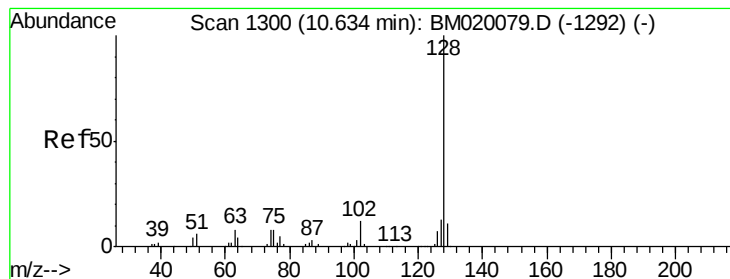
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

145 28.4 23.8 35.8





#31

Naphthalene

Concen: 45.498 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

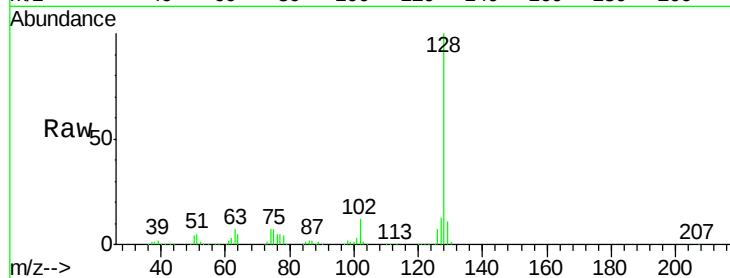
Tot Ion:128 Resp: 1094169

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

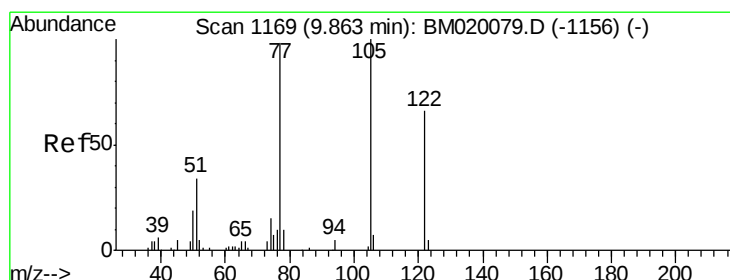
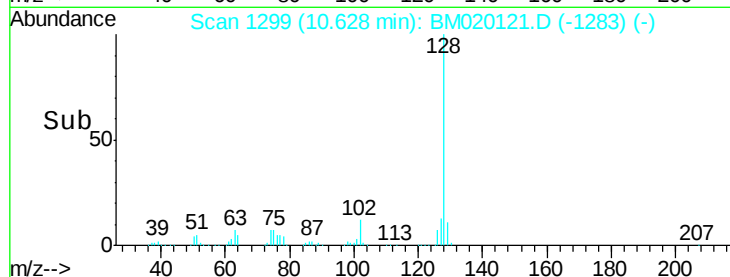
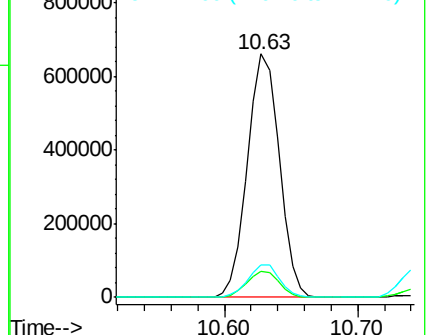
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.672 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

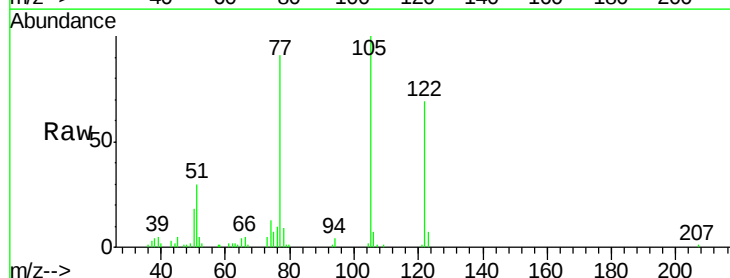
Tgt Ion:122 Resp: 116401

Ion Ratio Lower Upper

122 100

105 145.1 122.5 162.5

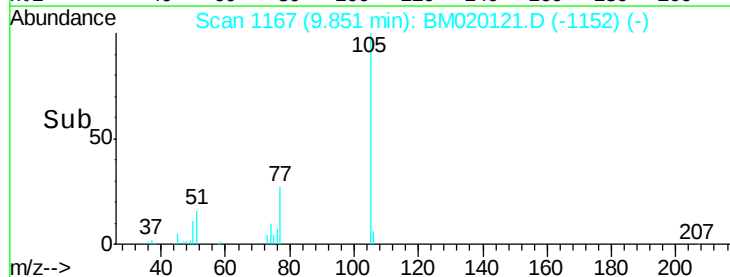
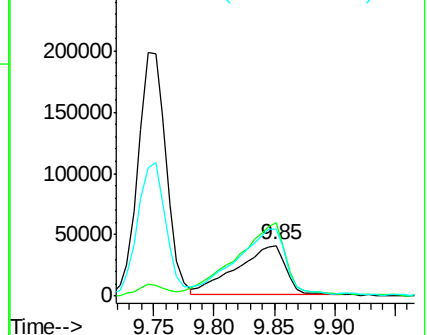
77 131.3 123.3 163.3

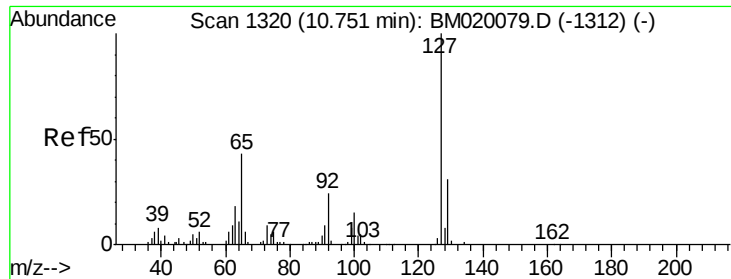


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

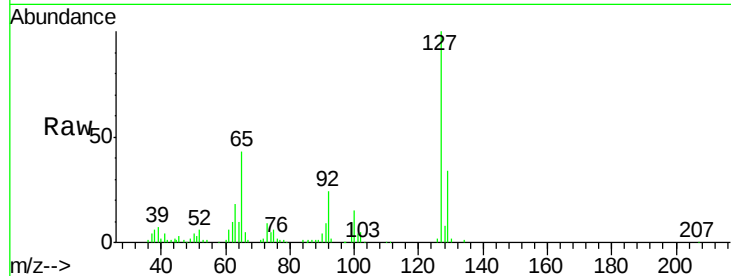




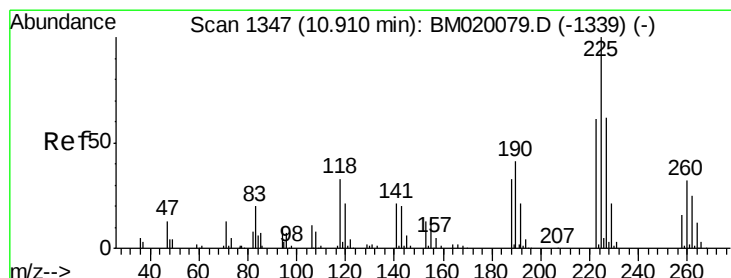
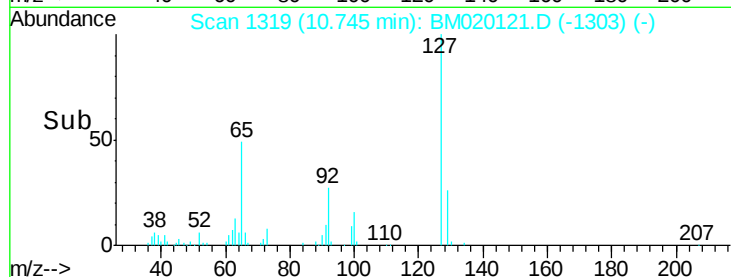
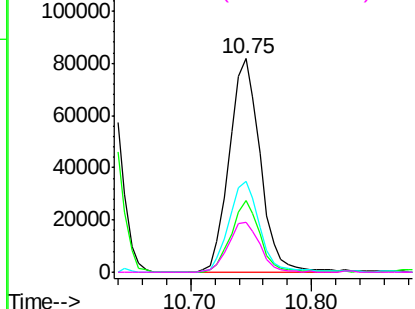
#33
4-Chloroaniline
Concen: 14.832 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	146811
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.7	37.1
65	42.8	34.6	52.0
92	23.6	19.5	29.3

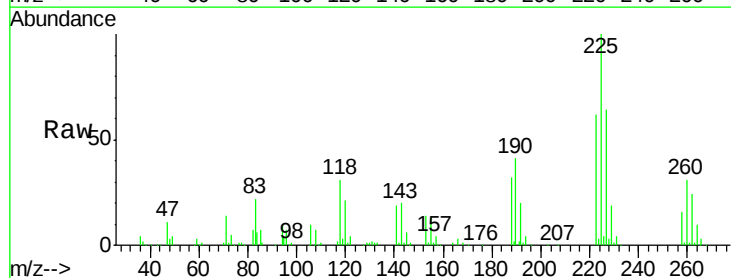


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

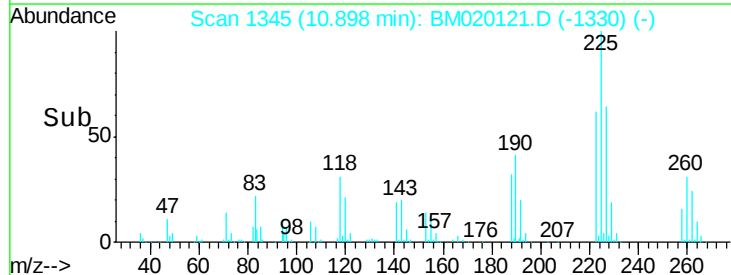
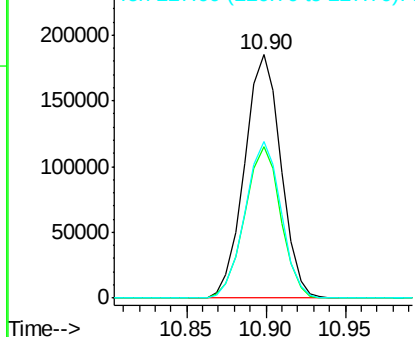


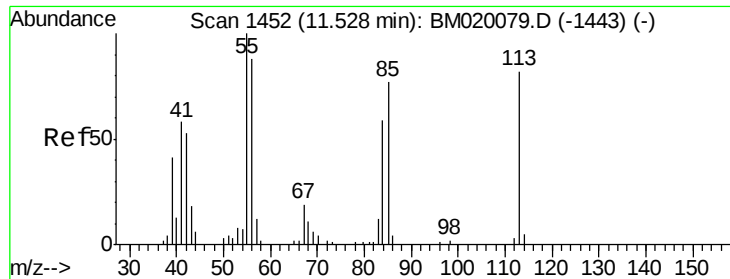
#34
Hexachlorobutadiene
Concen: 44.038 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:	225	Resp:	295671
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.9	73.3
227	64.1	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

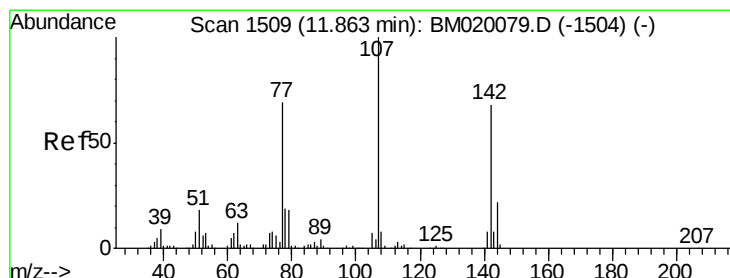
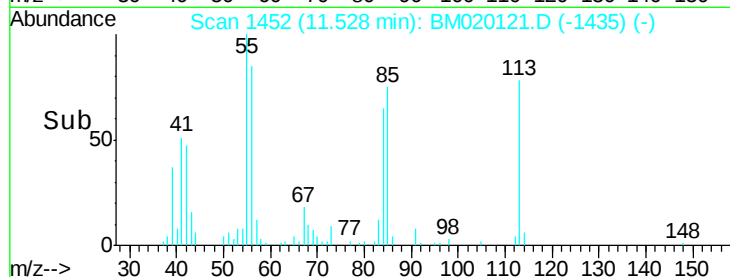
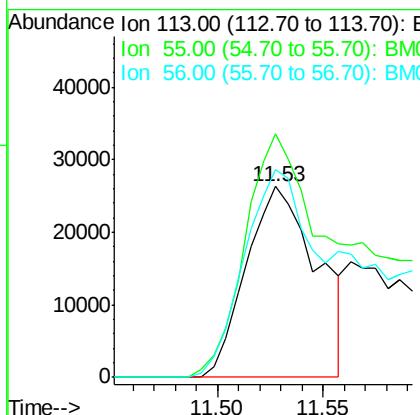
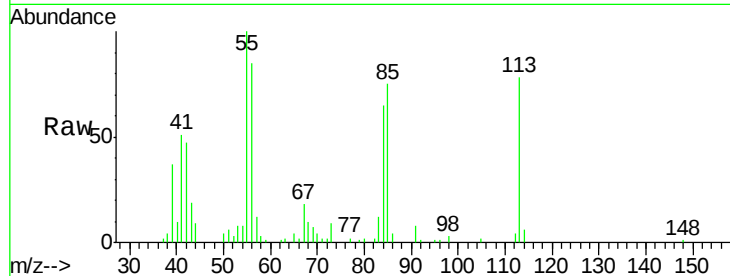




#35
 Caprolactam
 Concen: 26.652 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

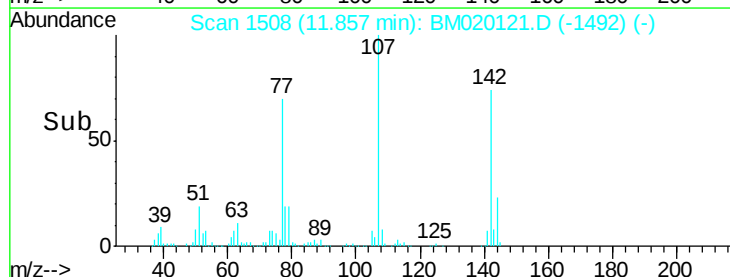
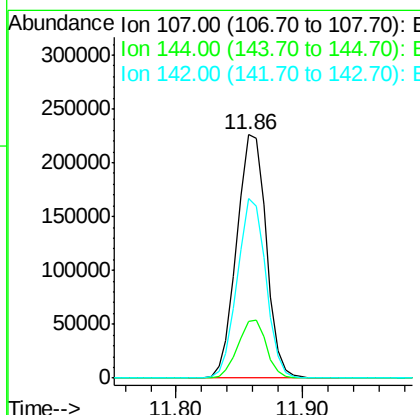
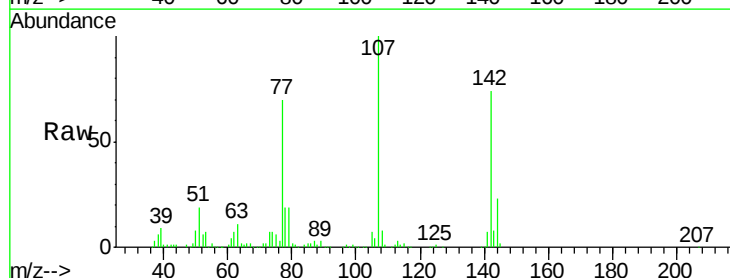
Instrument :
 BNA_M
 ClientSampled :

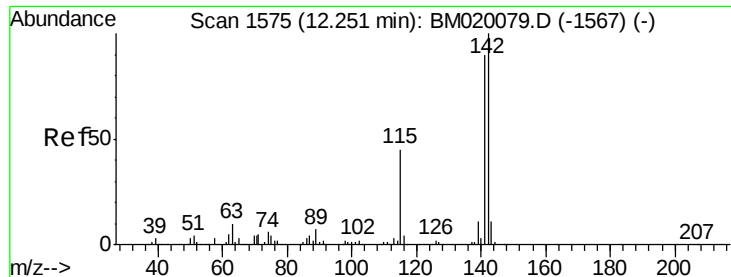
Tot Ion:113 Resp: 61472
 Ion Ratio Lower Upper
 113 100
 55 127.5 102.5 142.5
 56 108.9 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.380 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:107 Resp: 366027
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.6 26.4
 142 73.5 54.6 82.0

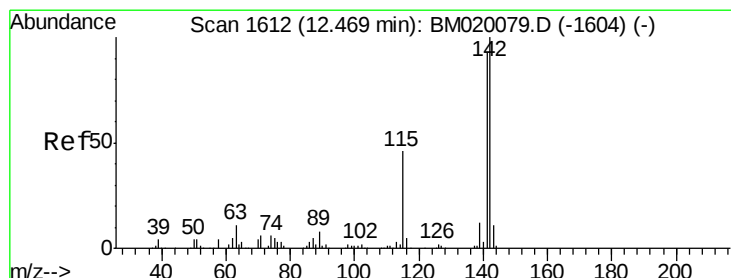
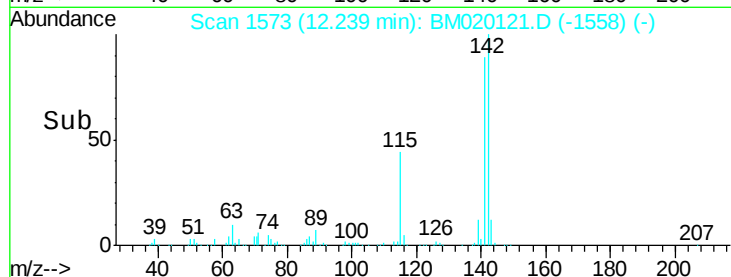
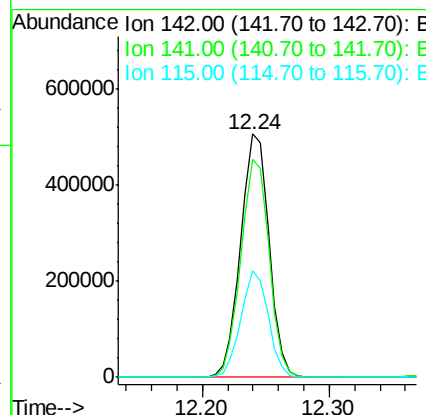
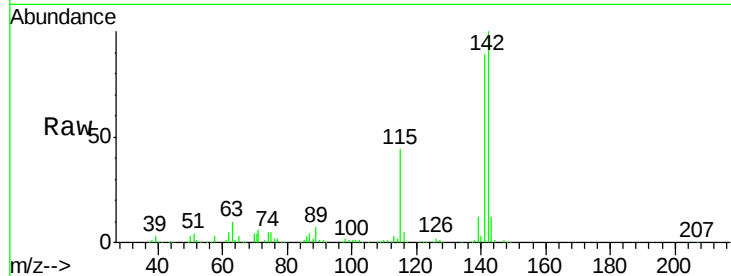




#37
 2-Methylnaphthalene
 Concen: 44.768 ng
 RT: 12.24 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

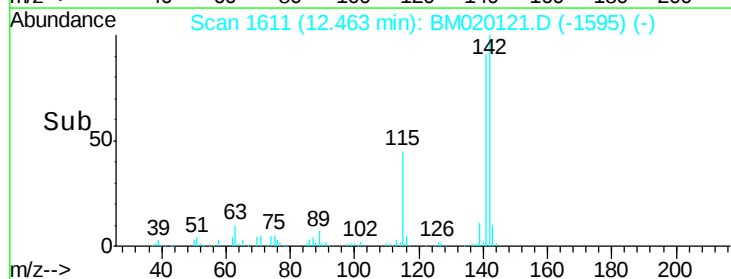
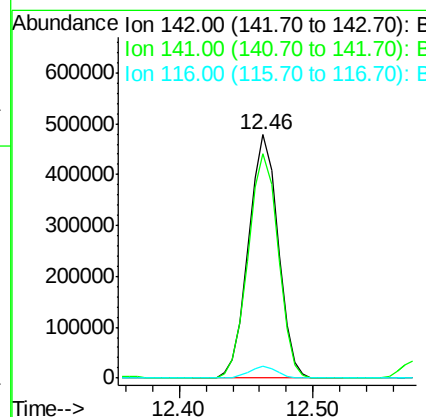
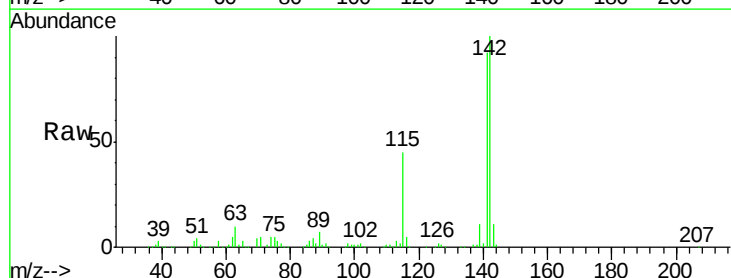
Instrument :
 BNA_M
 ClientSampleId :

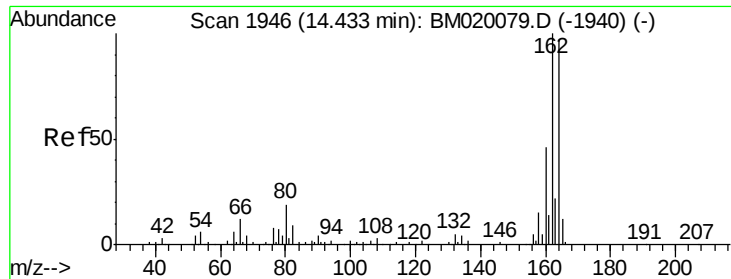
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	43.7	35.8	53.6



#38
 1-Methylnaphthalene
 Concen: 42.613 ng
 RT: 12.46 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	5.0	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampled :

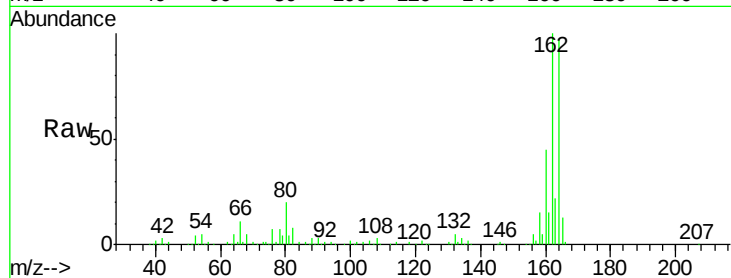
Tot Ion:164 Resp: 281291

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

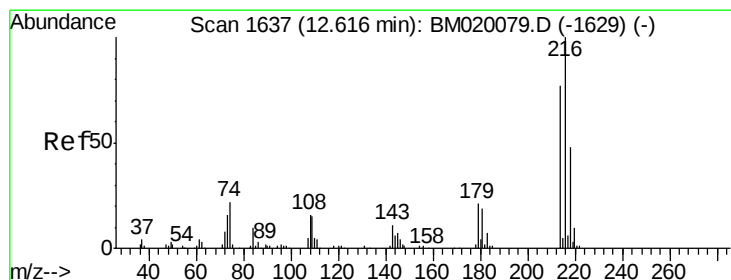
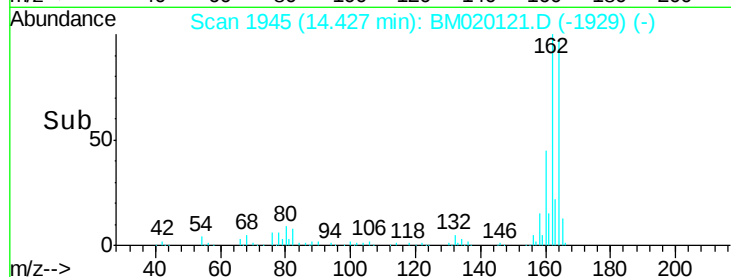
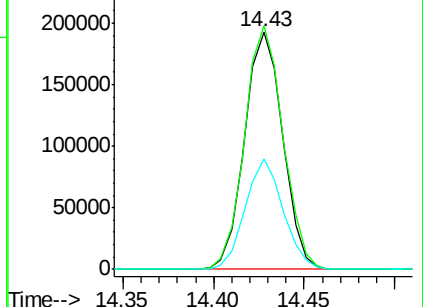
160 46.5 37.6 56.4



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: 46.232 ng

RT: 12.60 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:216 Resp: 508794

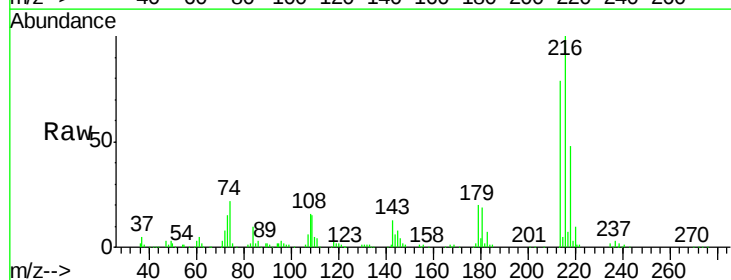
Ion Ratio Lower Upper

216 100

214 77.6 62.6 94.0

179 19.8 17.1 25.7

108 19.2 15.8 23.6

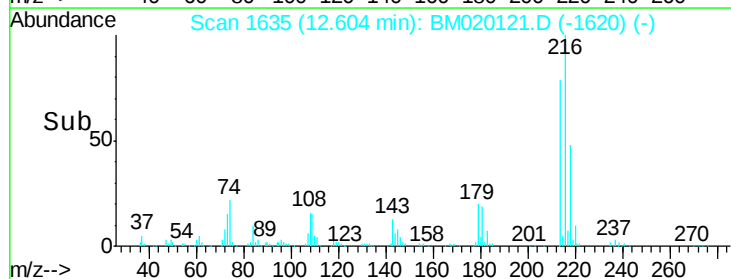
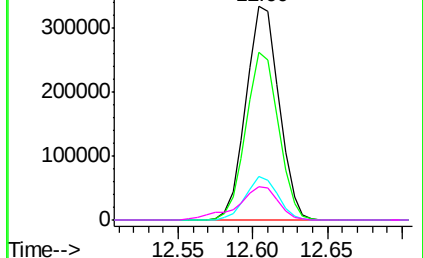


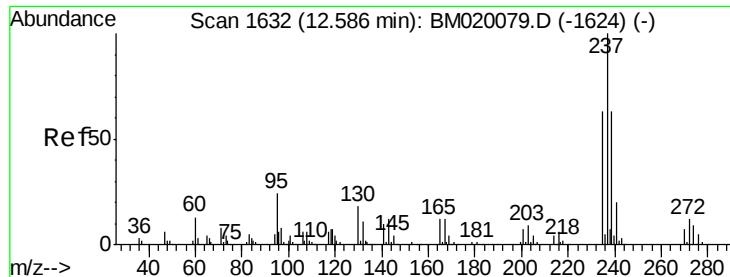
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.529 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

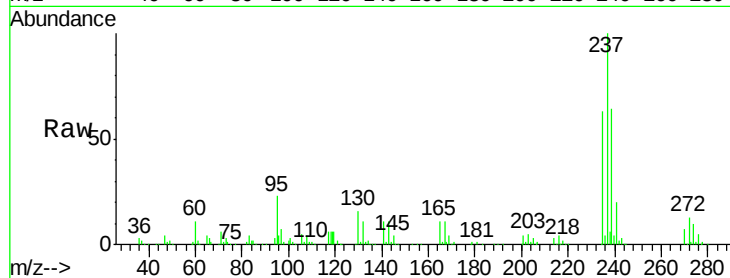
Tot Ion:237 Resp: 489423

Ion Ratio Lower Upper

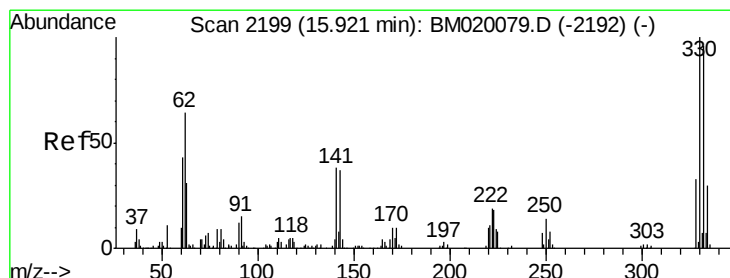
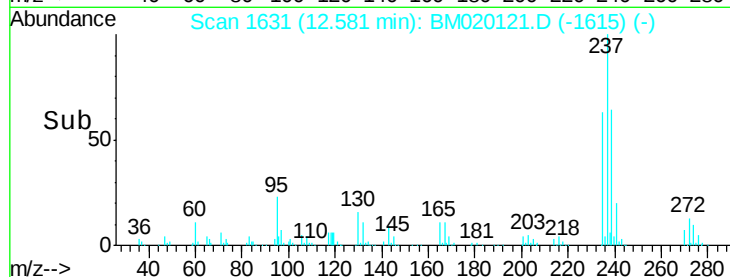
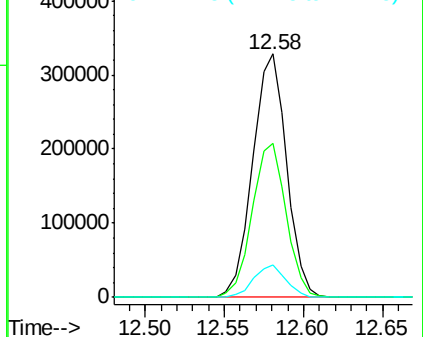
237 100

235 63.0 43.4 83.4

272 13.1 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: 139.847 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

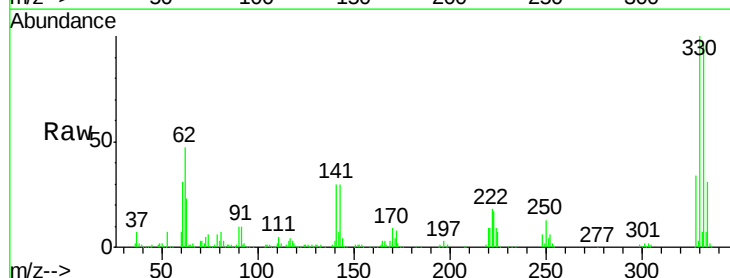
Tgt Ion:330 Resp: 610596

Ion Ratio Lower Upper

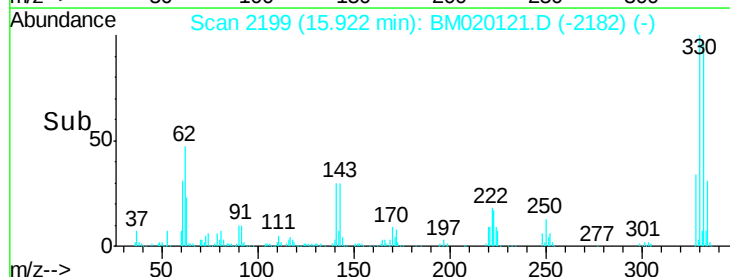
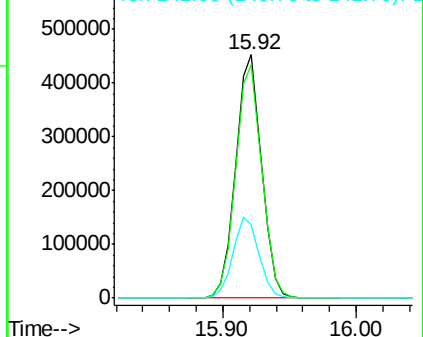
330 100

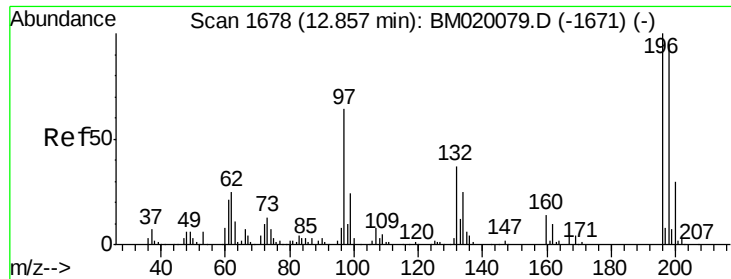
332 97.0 76.8 115.2

141 33.5 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

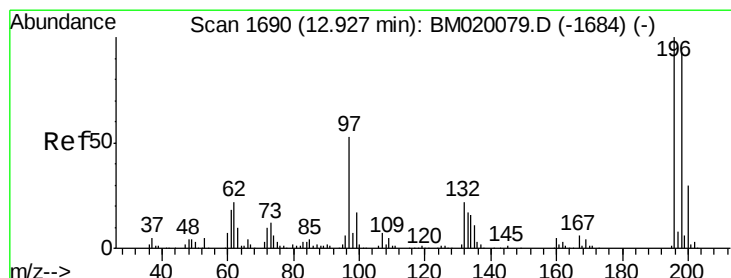
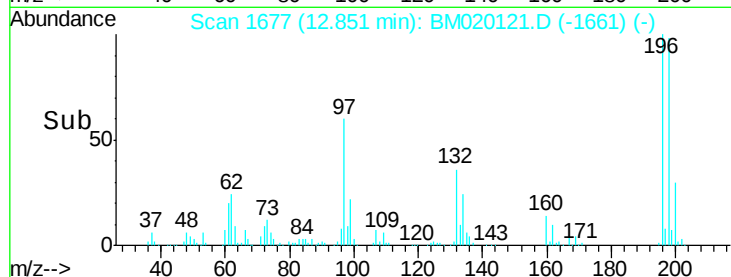
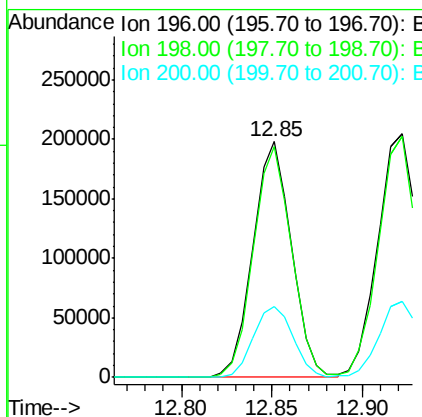
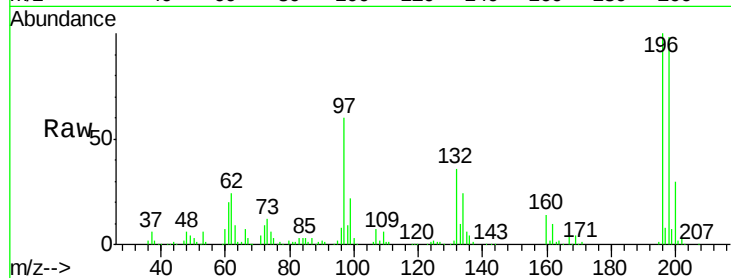




#43
 2,4,6-Trichlorophenol
 Concen: 46.799 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

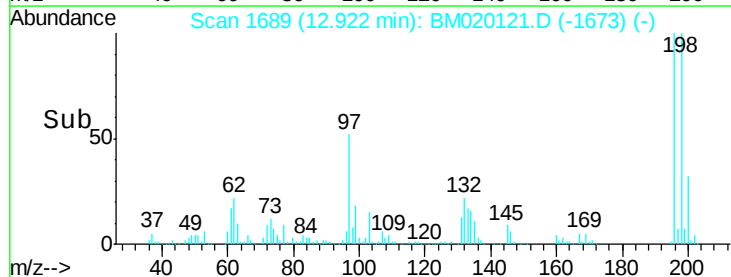
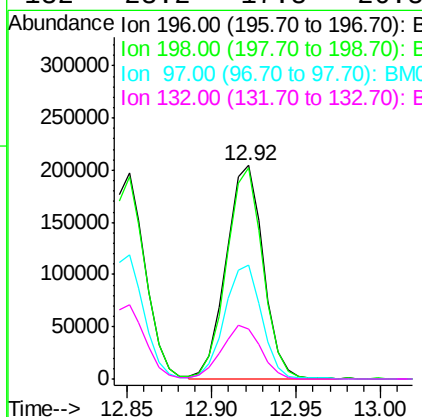
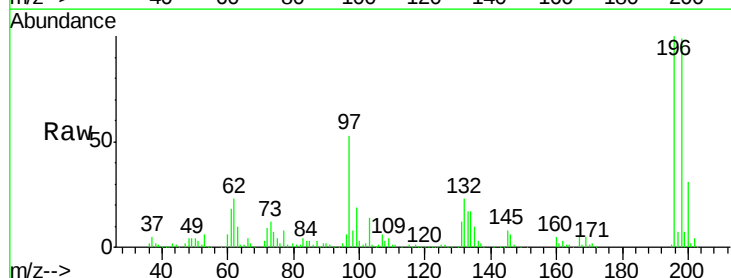
Instrument :
 BNA_M
 ClientSampleId :

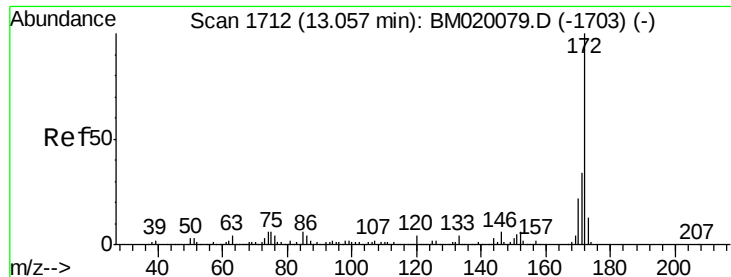
Tot Ion:196 Resp: 292708
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.2 114.2
 200 30.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.553 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:196 Resp: 311303
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.7 112.1
 97 53.2 42.2 63.4
 132 23.2 17.8 26.8

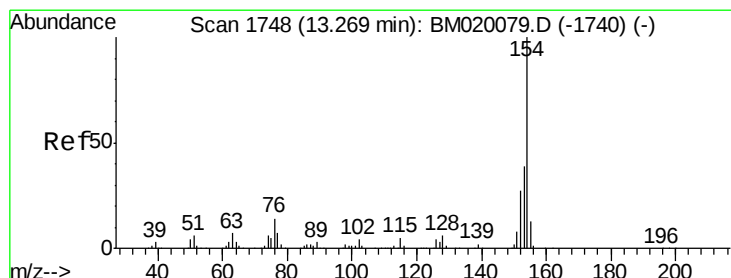
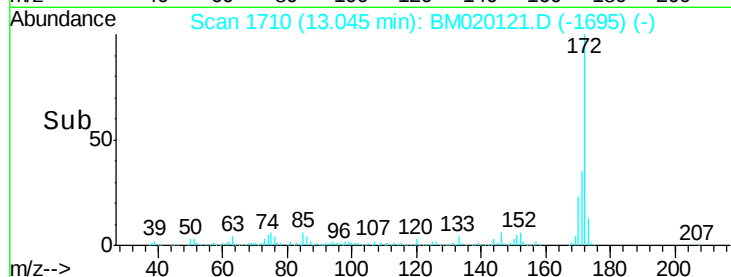
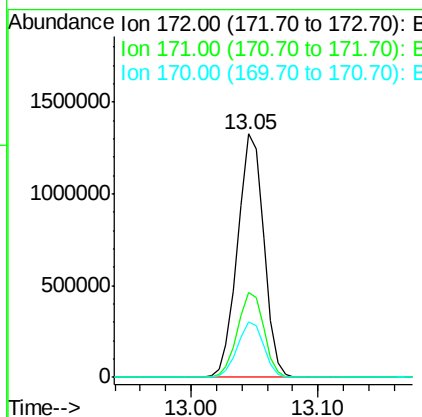
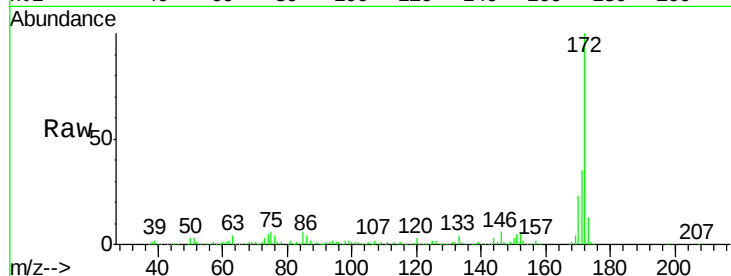




#45
2-Fluorobiphenyl
Concen: 82.833 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

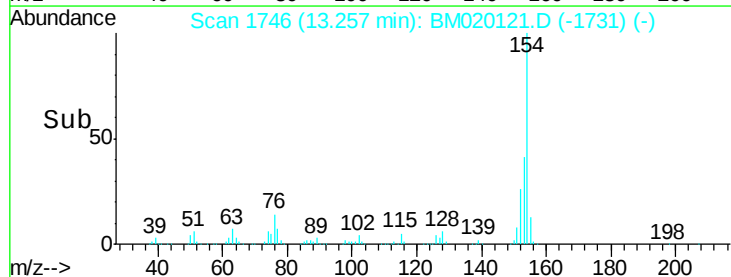
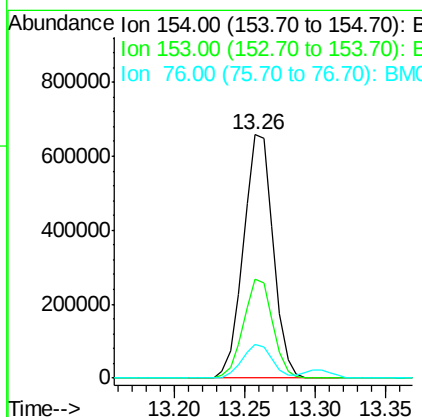
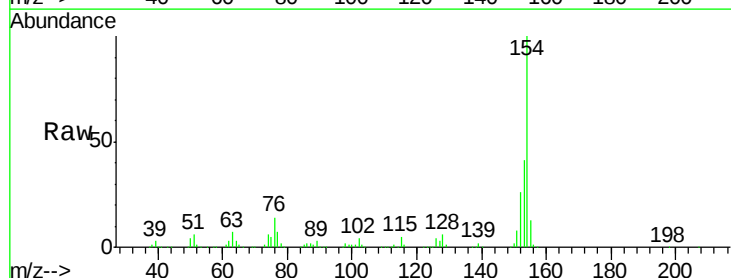
Instrument :
BNA_M
ClientSampleId :

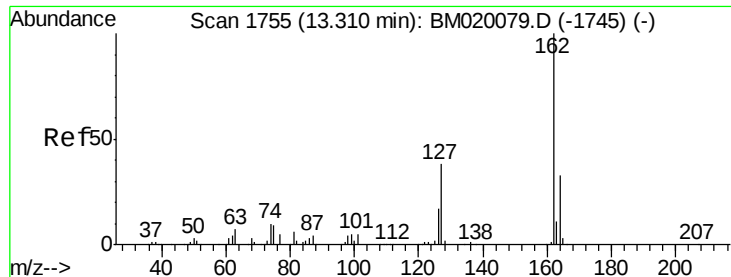
Tot Ion:172 Resp: 1893770
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 22.6 17.9 26.9



#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 13.26 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:154 Resp: 970212
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 13.9 0.0 34.5

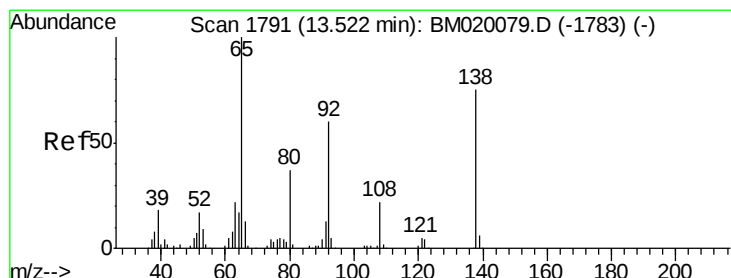
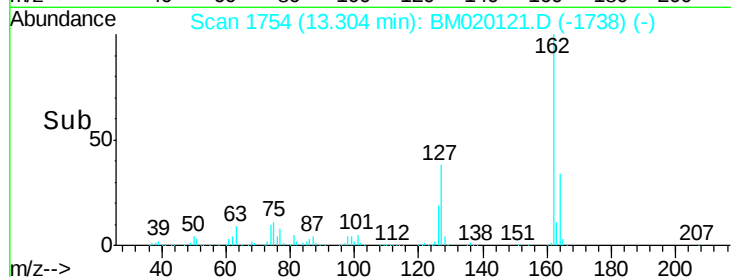
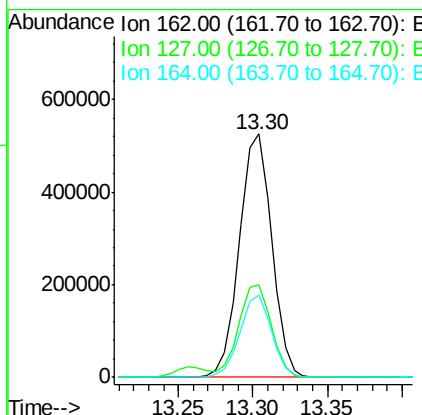
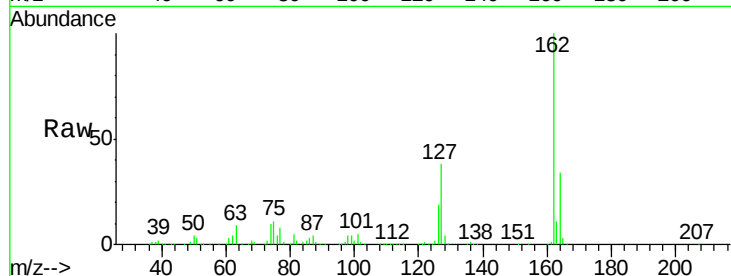




#47
 2-Chloronaphthalene
 Concen: 42.761 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

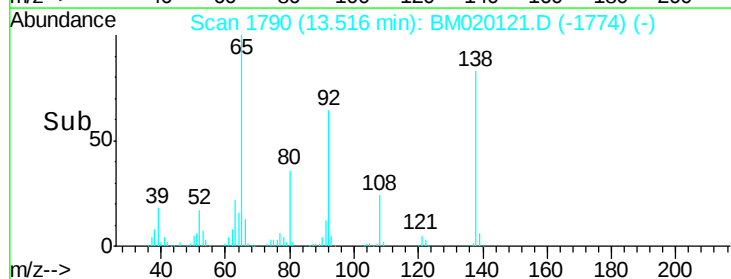
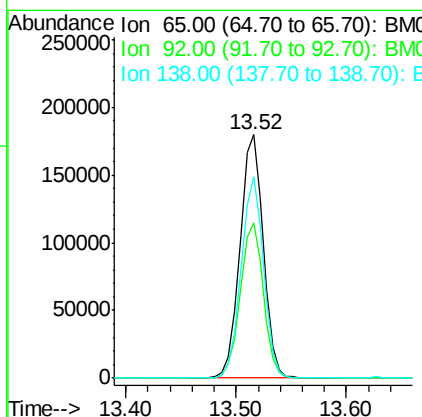
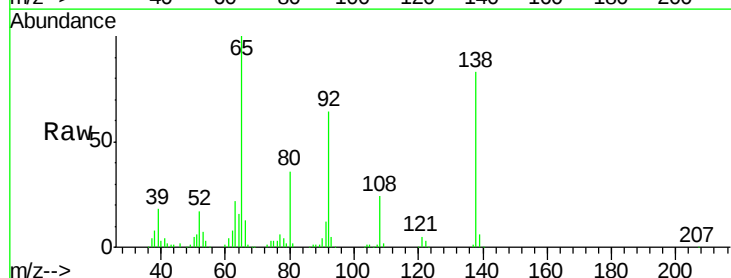
Instrument :
 BNA_M
 ClientSampleId :

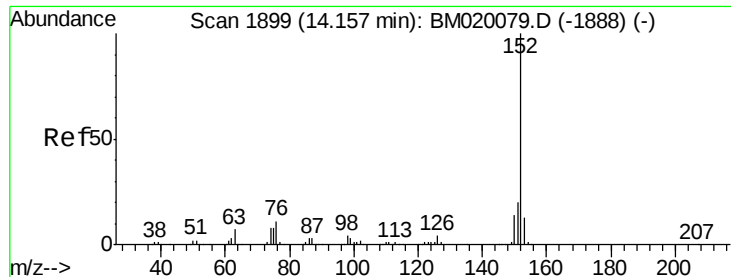
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.4
164	33.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 40.585 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	48.2	72.4
138	82.9	60.3	90.5





#49

Acenaphthylene

Concen: 37.483 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

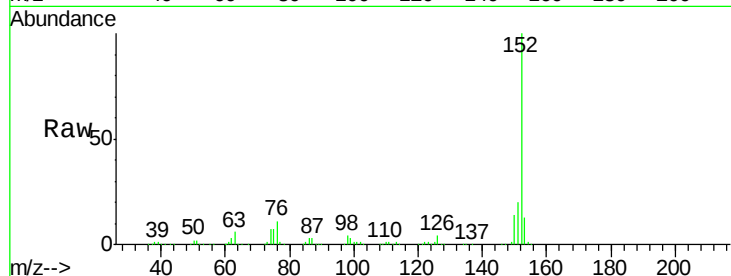
Tot Ion:152 Resp: 1108920

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

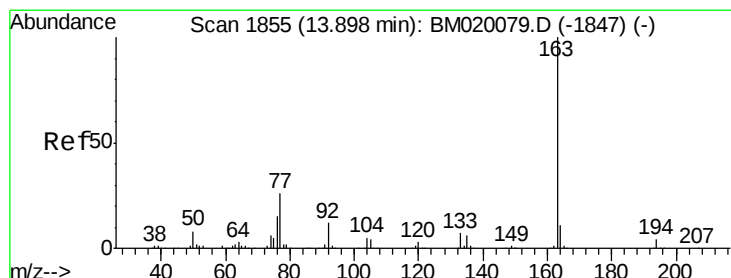
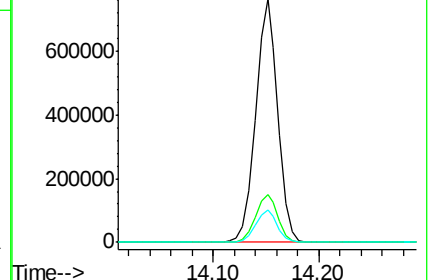
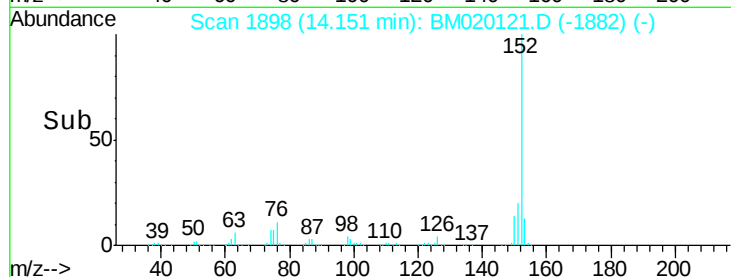
153 13.4 10.6 16.0



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: 46.794 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

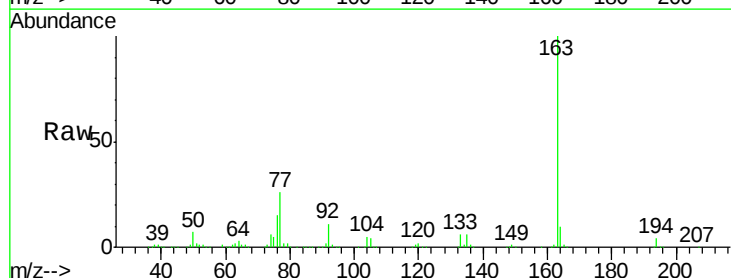
Tgt Ion:163 Resp: 1118739

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

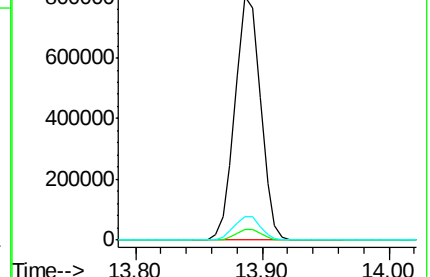
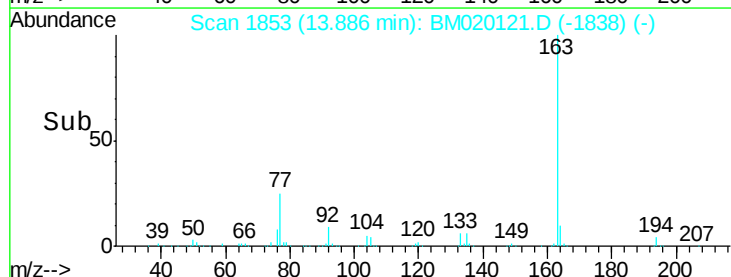
164 9.8 8.4 12.6

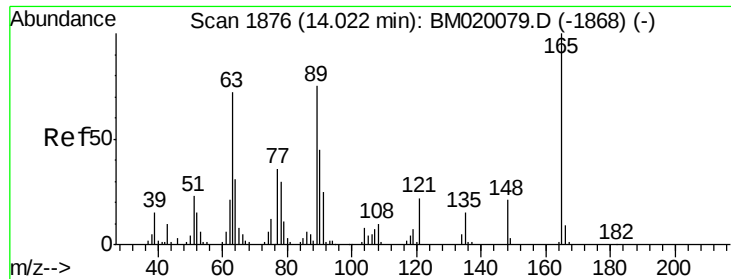


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

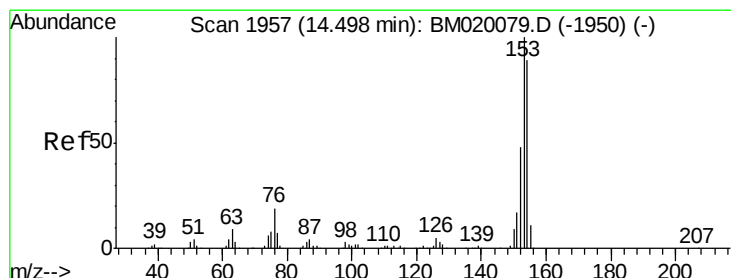
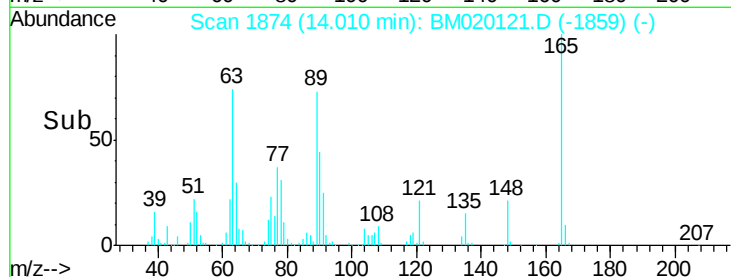
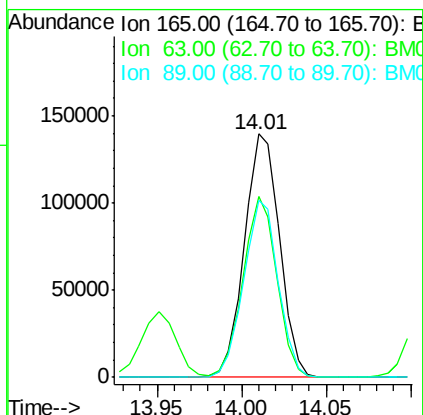
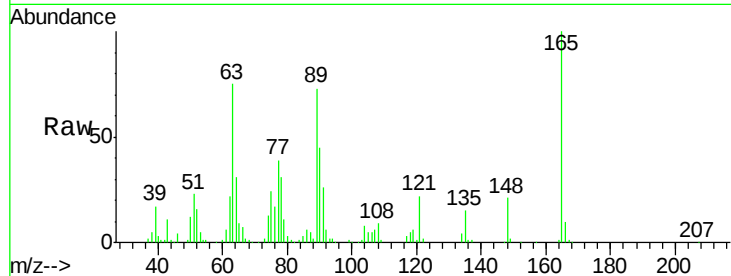




#51
 2,6-Dinitrotoluene
 Concen: 40.114 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

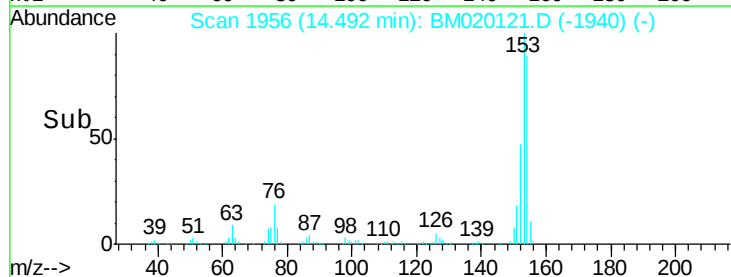
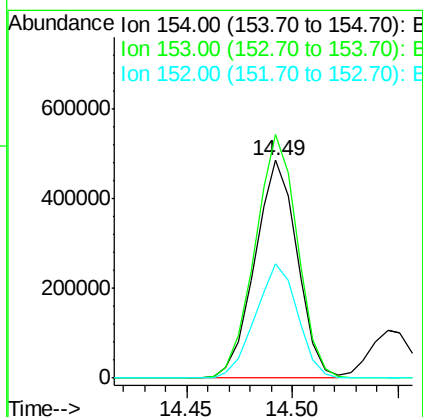
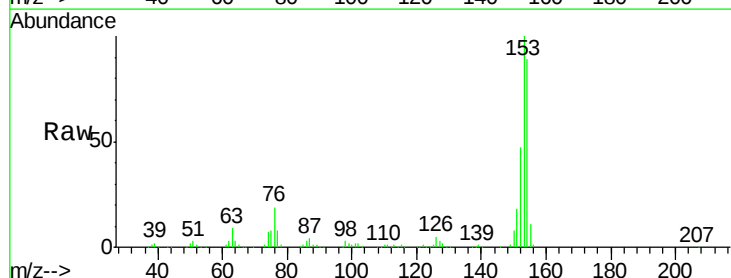
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 201990
 Ion Ratio Lower Upper
 165 100
 63 74.5 60.3 90.5
 89 72.8 59.8 89.6



#52
 Acenaphthene
 Concen: 39.976 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:154 Resp: 678201
 Ion Ratio Lower Upper
 154 100
 153 111.8 90.2 135.2
 152 52.3 43.0 64.4

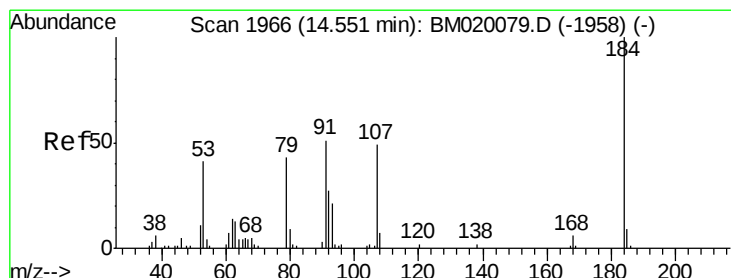
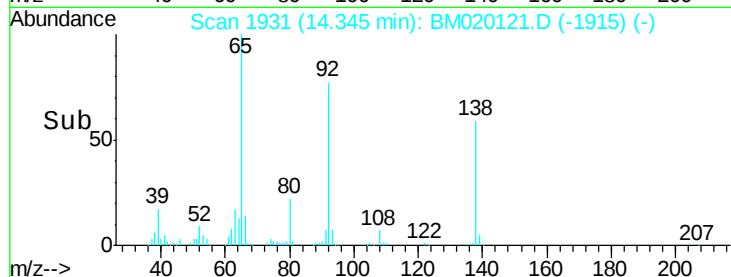
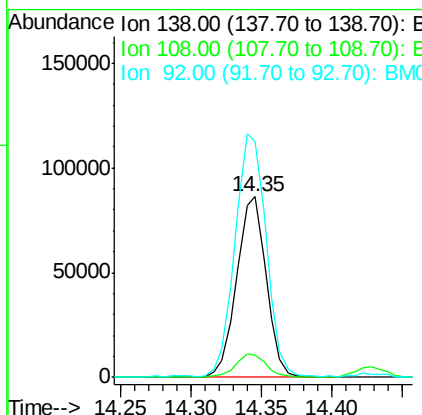
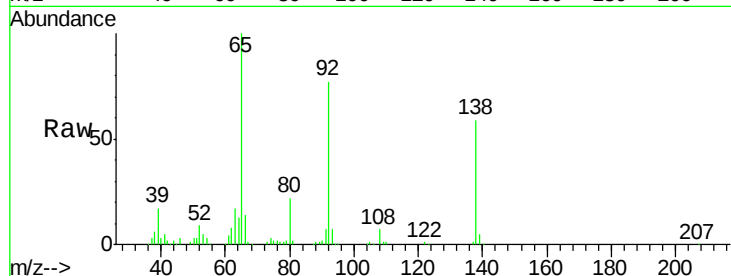




#53
 3-Nitroaniline
 Concen: 27.016 ng
 RT: 14.35 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

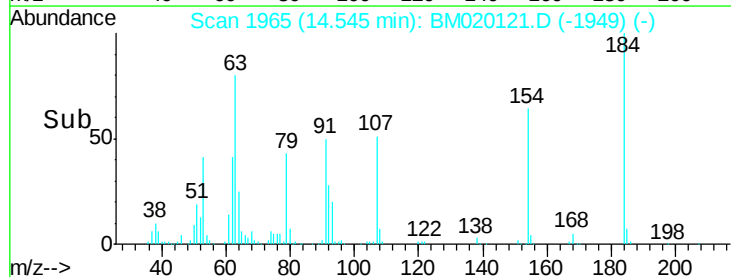
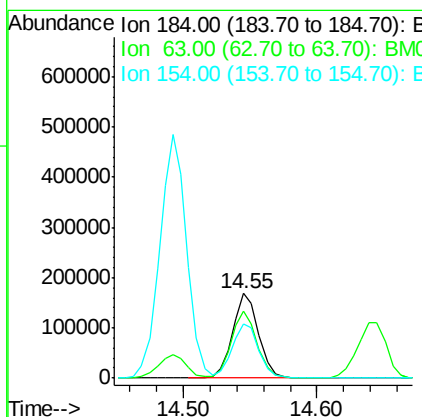
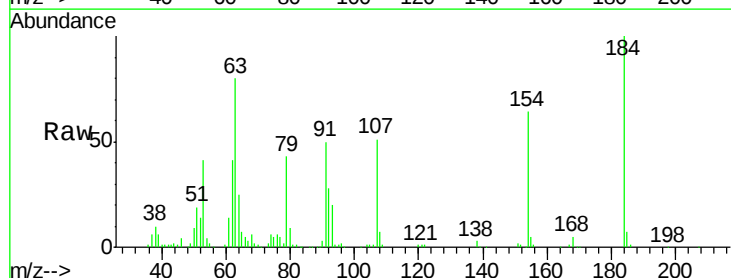
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:138 Resp: 126257
 Ion Ratio Lower Upper
 138 100
 108 12.1 10.4 15.6
 92 131.0 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 89.238 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:184 Resp: 227838
 Ion Ratio Lower Upper
 184 100
 63 79.9 68.9 103.3
 154 64.1 54.4 81.6

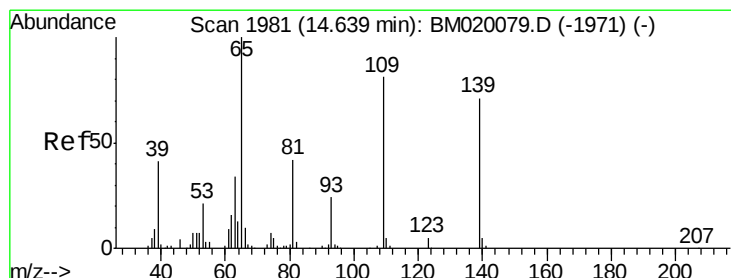
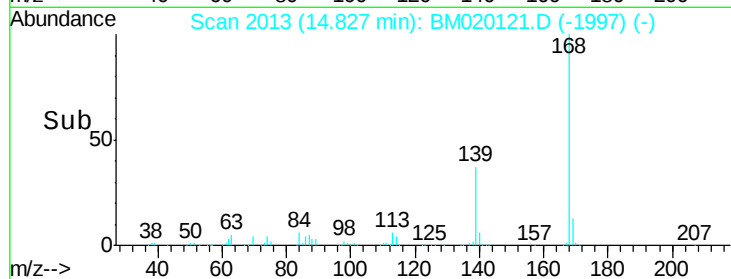
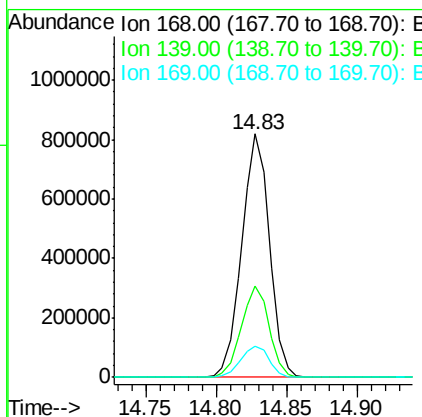
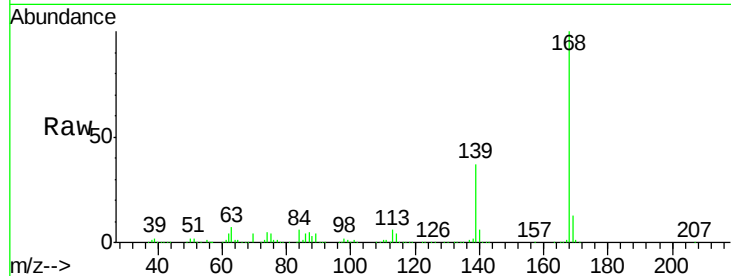




#55
Dibenzofuran
Concen: 39.227 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

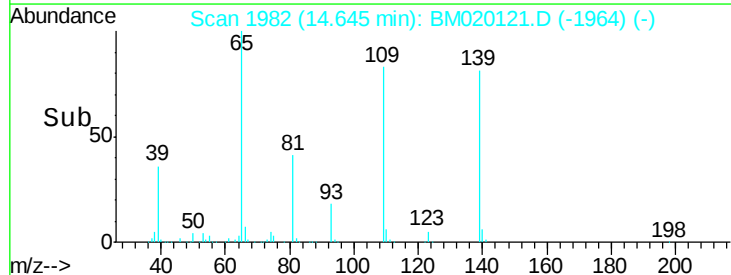
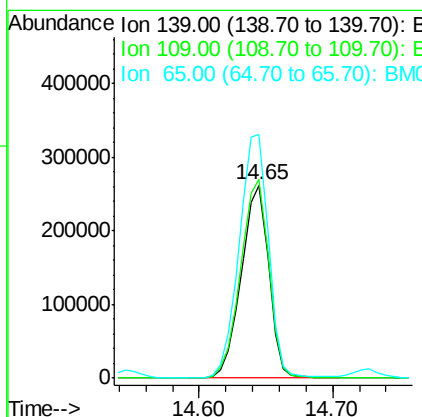
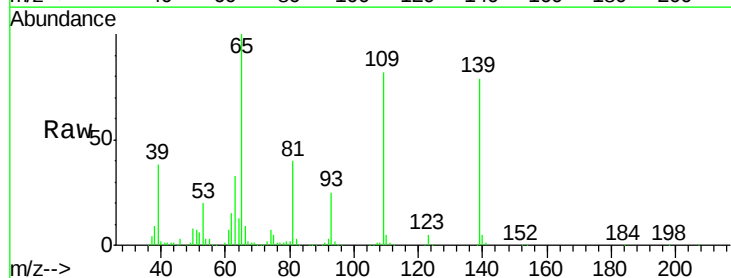
Instrument :
BNA_M
ClientSampleId :

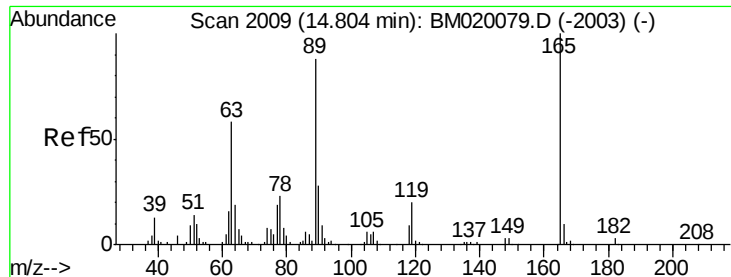
Tot Ion:168 Resp: 1122539
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 93.413 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:139 Resp: 372479
Ion Ratio Lower Upper
139 100
109 103.1 94.1 134.1
65 126.3 120.9 160.9

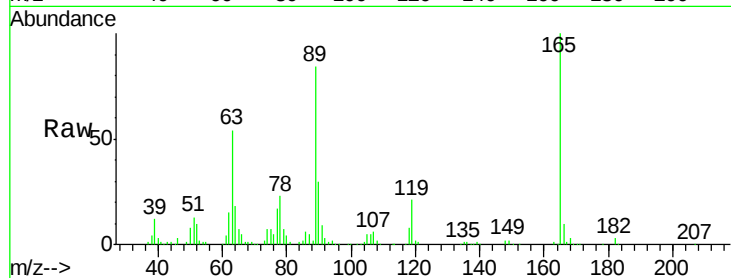




#57
 2,4-Dinitrotoluene
 Concen: 42.984 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	294106
Ion Ratio	Lower	Upper
165	100	
63	54.1	46.2 69.2
89	84.3	70.6 105.8
182	2.8	2.2 3.2

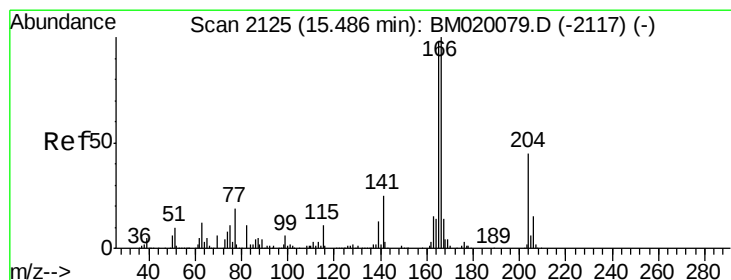
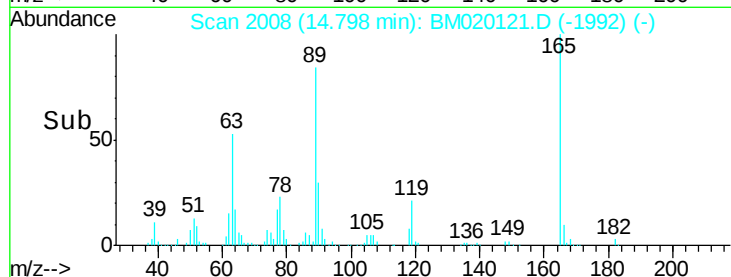
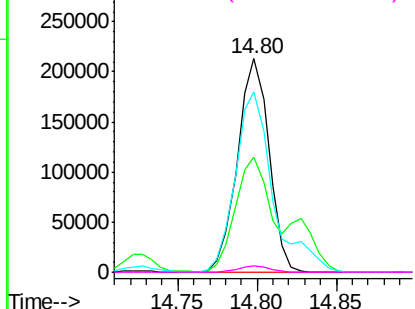


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

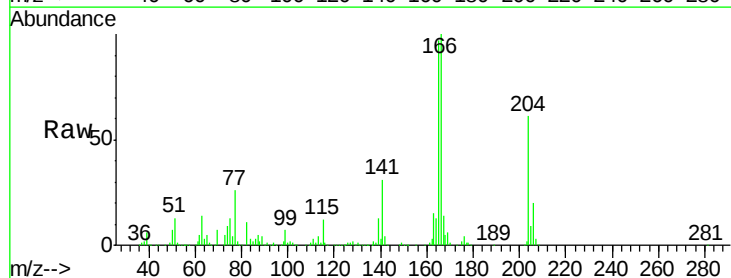
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.870 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

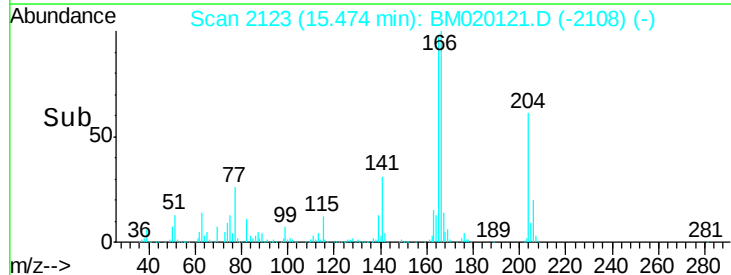
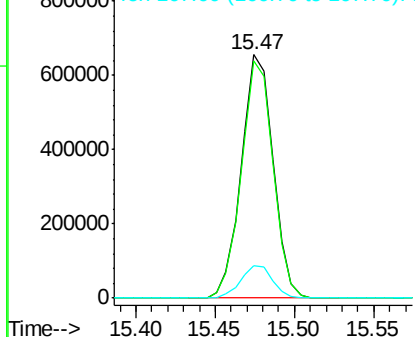
Tgt Ion:166	Resp:	913523
Ion Ratio	Lower	Upper
166	100	
165	97.3	78.2 117.2
167	13.5	11.0 16.4



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

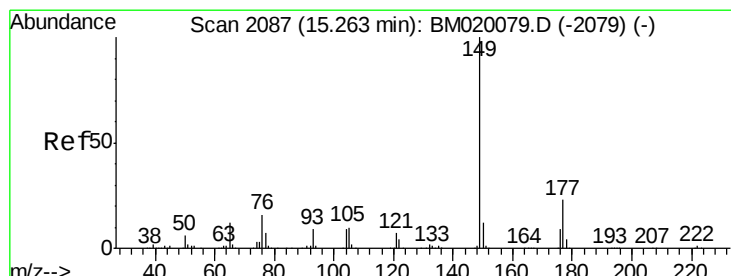
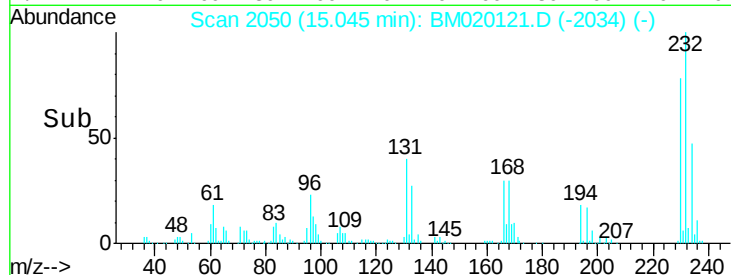
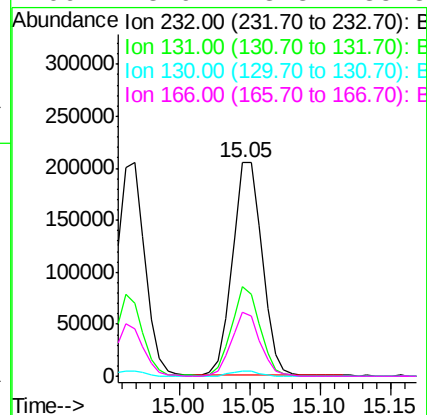
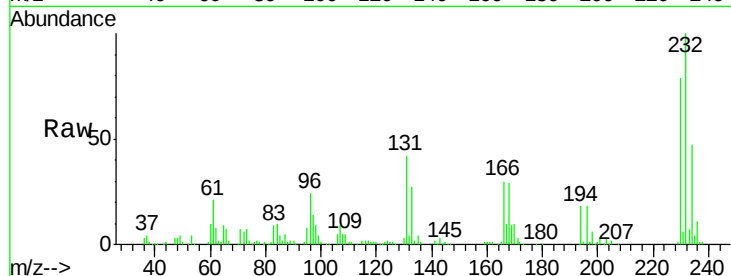




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.369 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

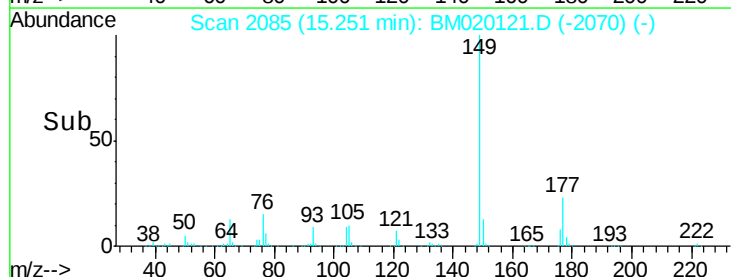
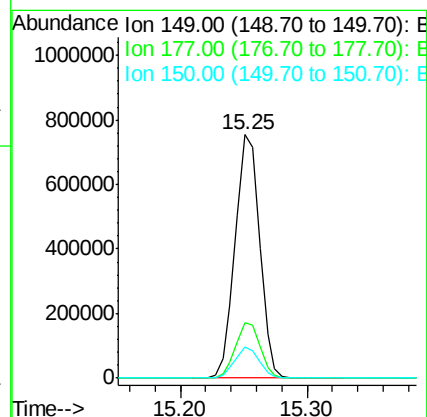
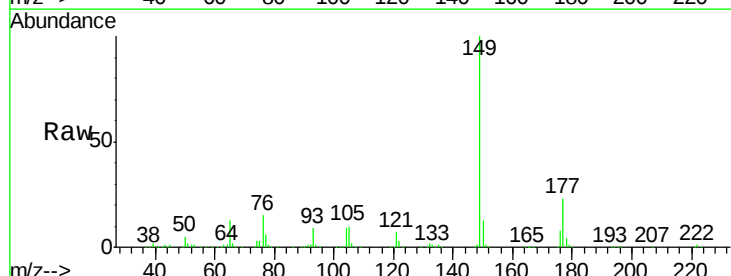
Instrument :
 BNA_M
 ClientSampleId :

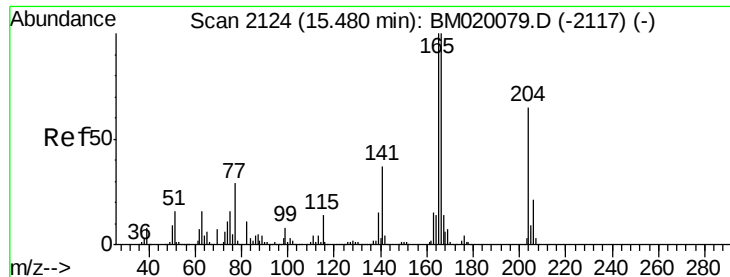
Tot Ion:	232	Resp:	301246
Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.2	51.4
130	2.4	2.0	3.0
166	28.9	23.8	35.8



#60
 Diethylphthalate
 Concen: 41.693 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:	149	Resp:	1004233
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.5	9.9	14.9

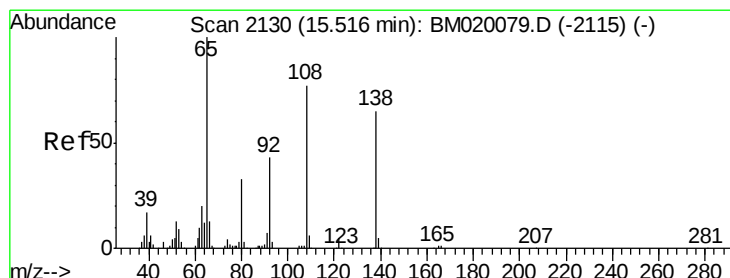
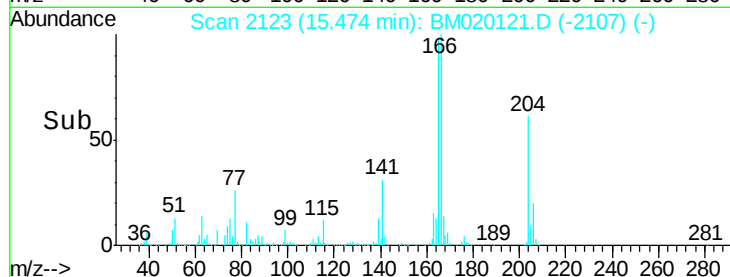
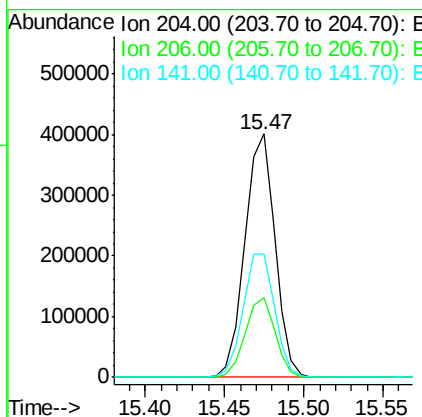
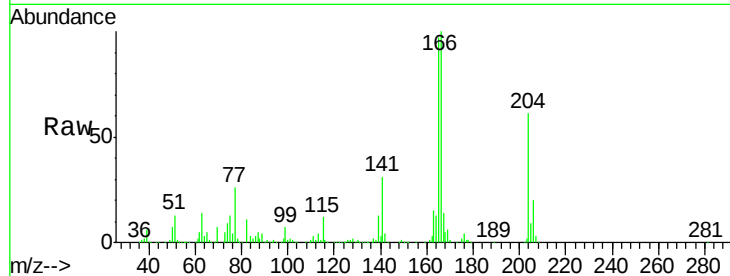




#61
 4-Chlorophenyl-phenylether
 Concen: 39.753 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

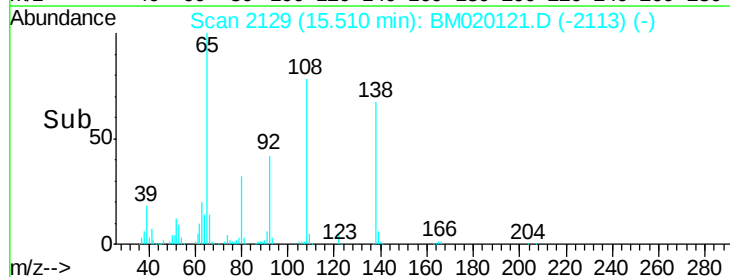
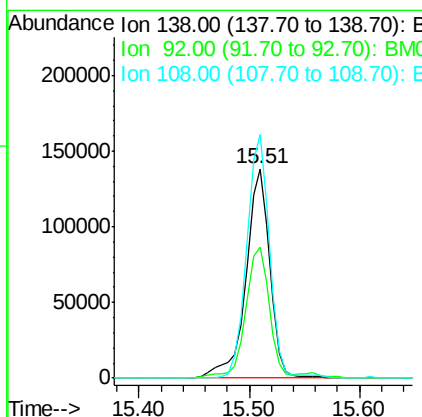
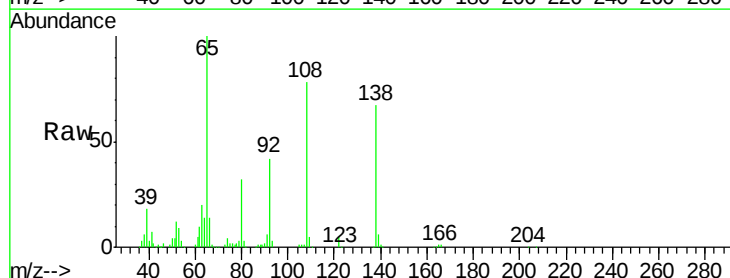
Instrument :
 BNA_M
 ClientSampleId :

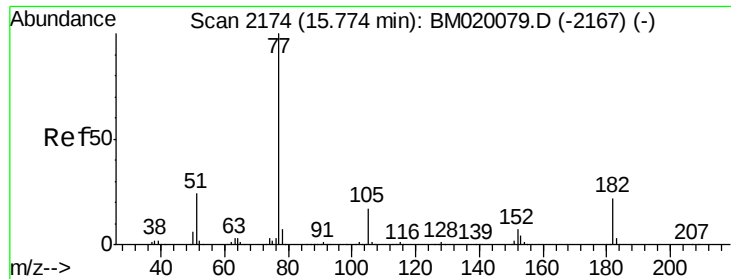
Tot Ion:204 Resp: 529369
 Ion Ratio Lower Upper
 204 100
 206 32.5 25.6 38.4
 141 50.6 46.1 69.1



#62
 4-Nitroaniline
 Concen: 40.816 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:138 Resp: 210515
 Ion Ratio Lower Upper
 138 100
 92 62.6 45.9 85.9
 108 116.4 97.7 137.7

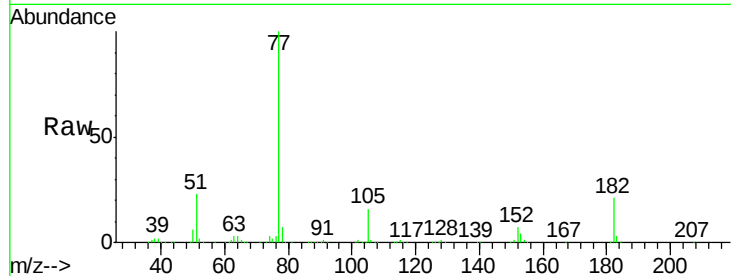




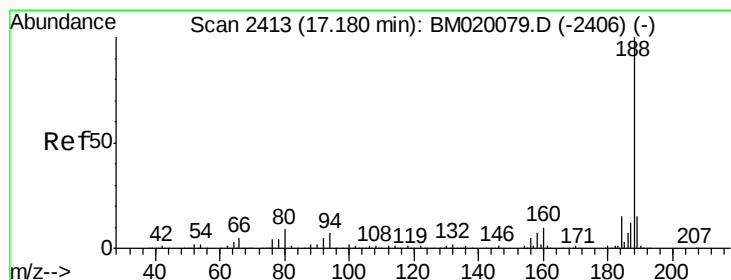
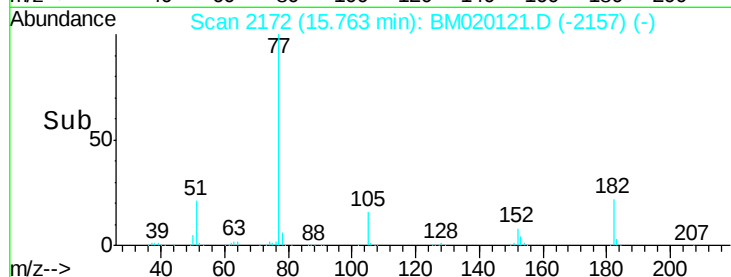
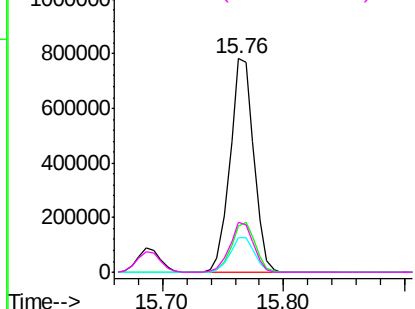
#63
Azobenzene
Concen: 37.494 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1065394
Ion Ratio Lower Upper
77 100
182 21.4 2.1 42.1
105 16.0 0.0 36.8
51 23.3 3.8 43.8

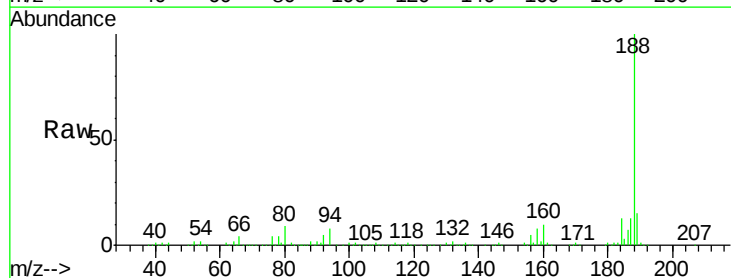


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

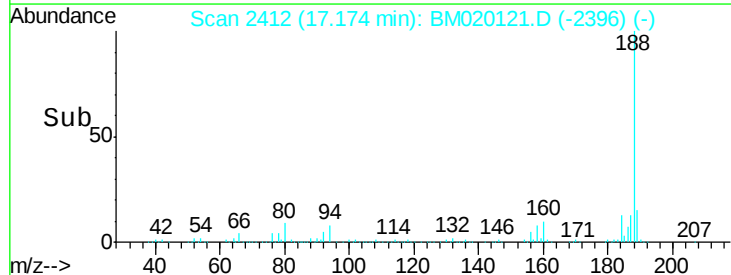
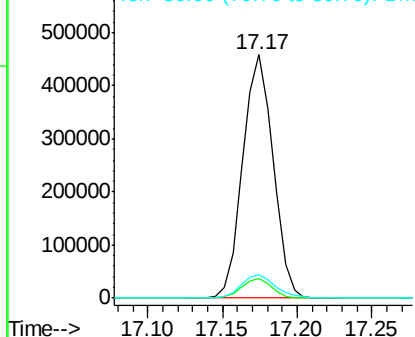


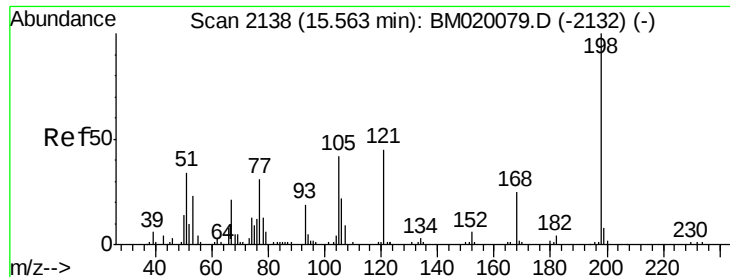
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion: 188 Resp: 644847
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.4 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

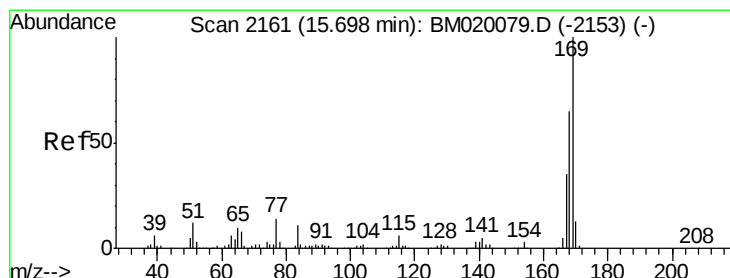
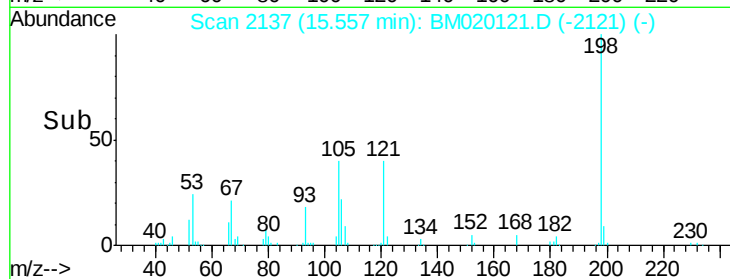
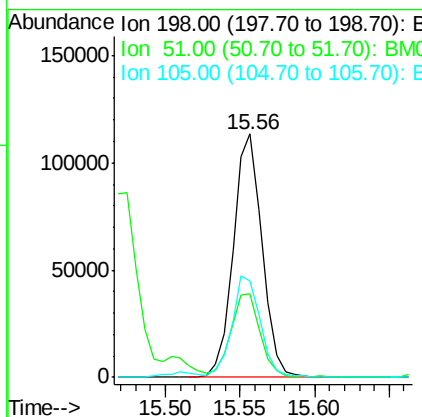
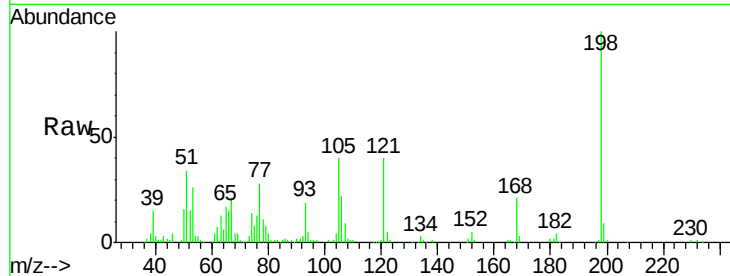




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.899 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

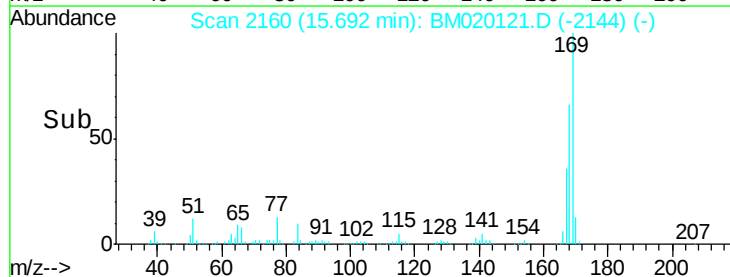
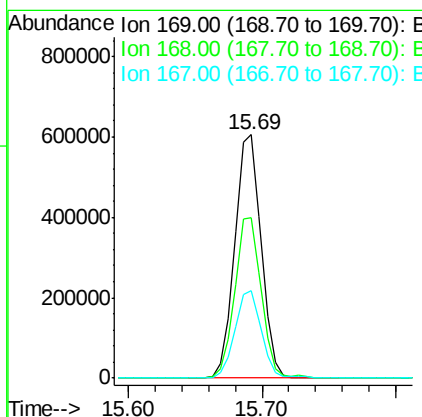
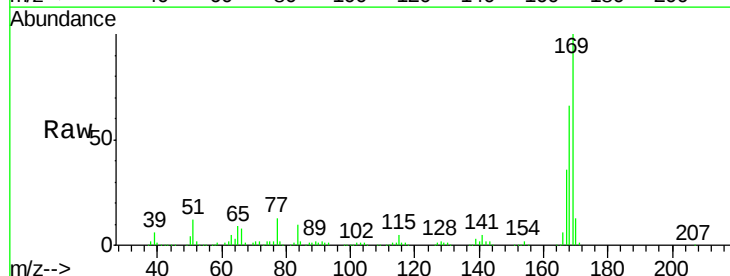
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	198	Resp	151962
Ion Ratio	100	Lower	Upper
51	34.3	16.5	56.5
105	39.6	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 43.815 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	169	Resp	831382
Ion Ratio	100	Lower	Upper
168	65.8	51.9	77.9
167	36.1	27.8	41.6

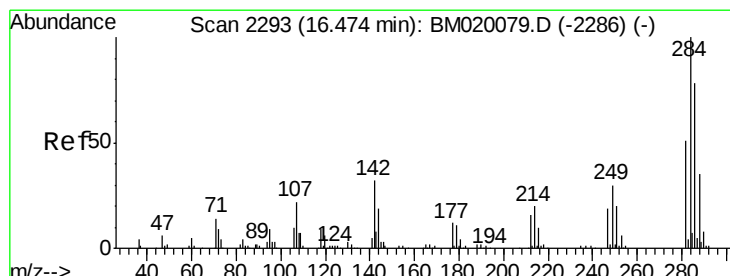
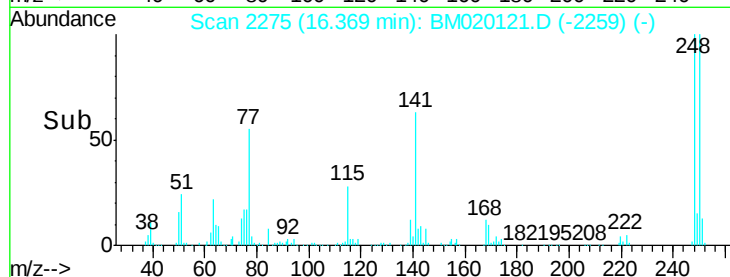
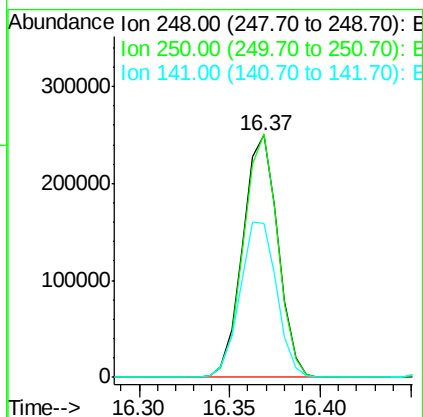
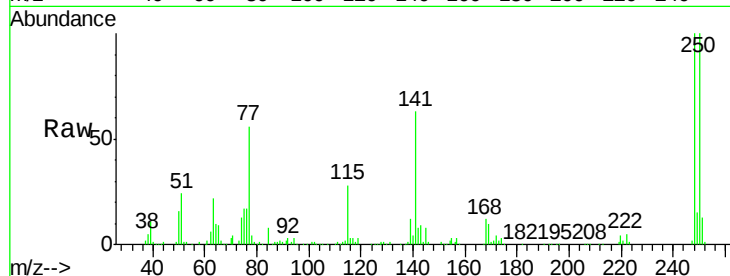




#67
4-Bromophenyl-phenylether
Concen: 42.634 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

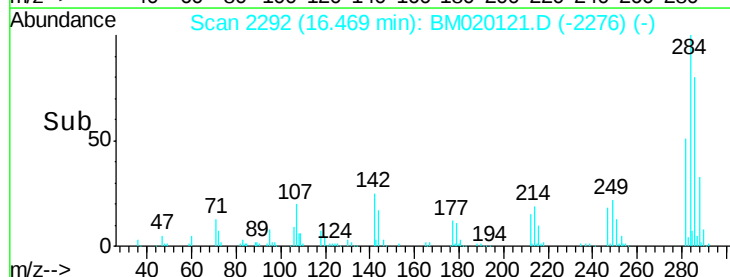
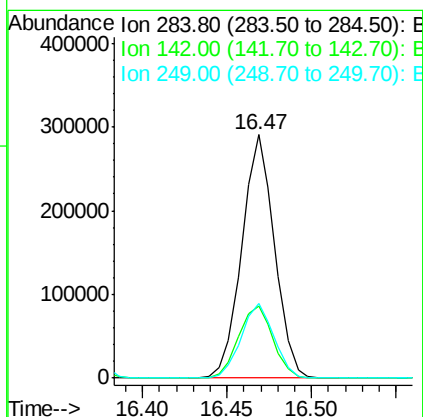
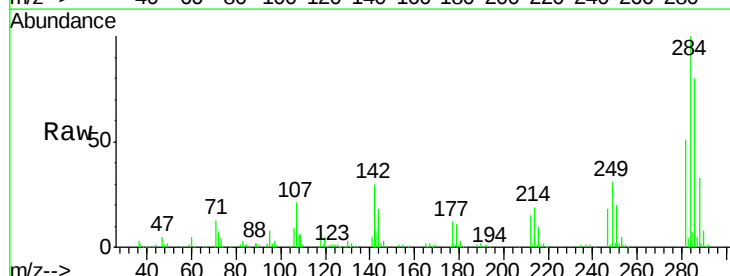
Instrument :
BNA_M
ClientSampleId :

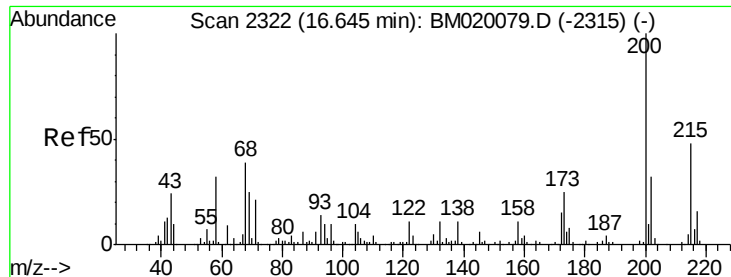
Tot Ion:248 Resp: 337130
Ion Ratio Lower Upper
248 100
250 100.5 78.4 117.6
141 63.6 57.4 86.2



#68
Hexachlorobenzene
Concen: 43.007 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:284 Resp: 391345
Ion Ratio Lower Upper
284 100
142 29.7 25.2 37.8
249 30.9 23.6 35.4

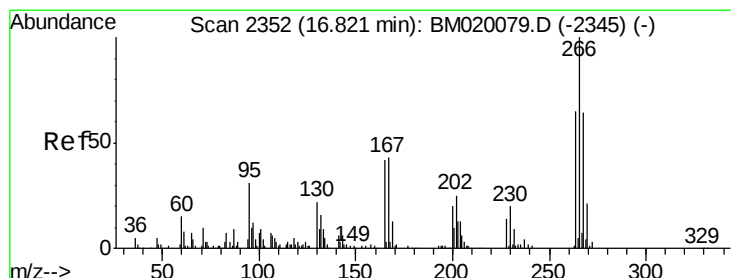
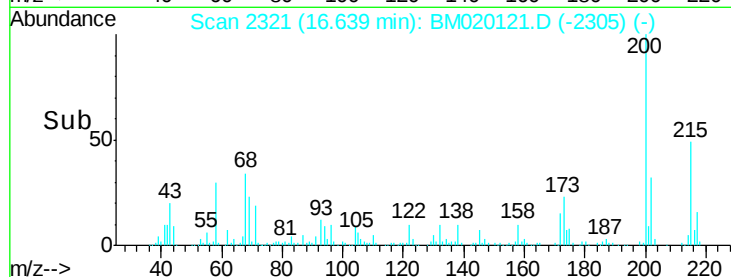
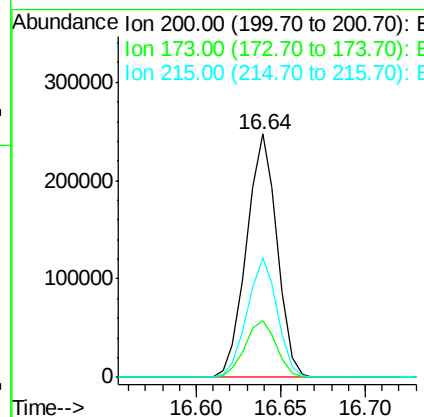
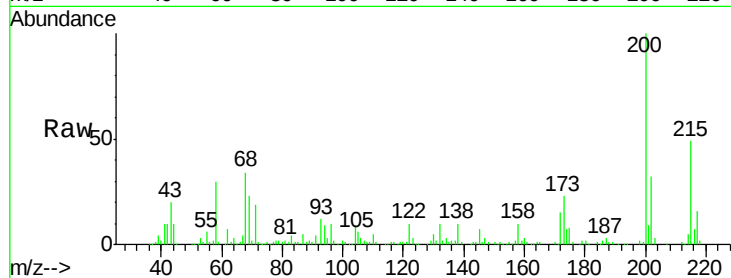




#69
 Atrazine
 Concen: 42.026 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

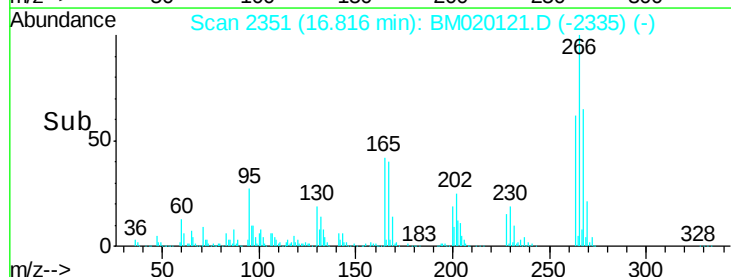
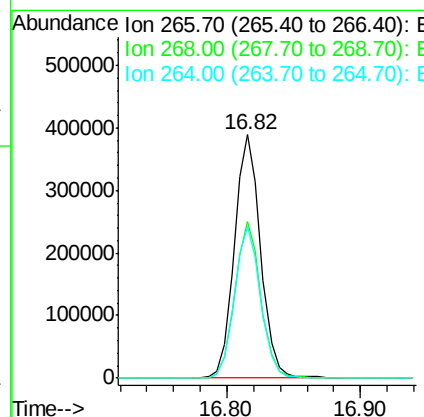
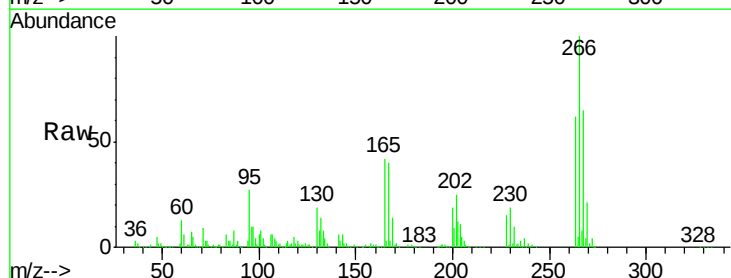
Instrument :
 BNA_M
 ClientSampleId :

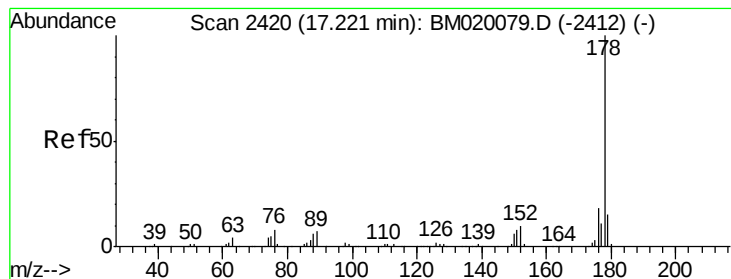
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.6	44.6
215	49.2	28.0	68.0



#70
 Pentachlorophenol
 Concen: 102.150 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.4	77.0
264	62.4	52.0	78.0





#71

Phenanthrene

Concen: 45.196 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

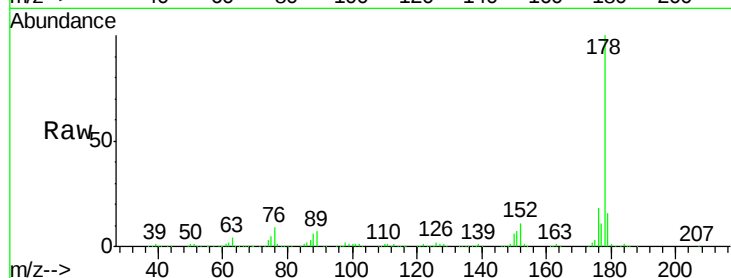
Tot Ion:178 Resp: 1608798

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.6	12.4	18.6

178 100

176 18.5 14.6 21.8

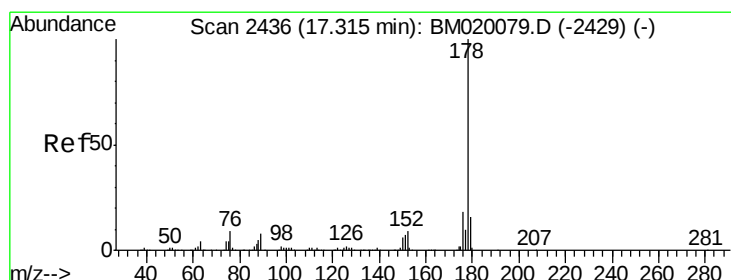
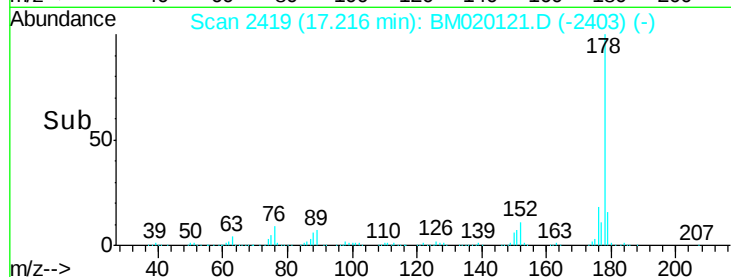
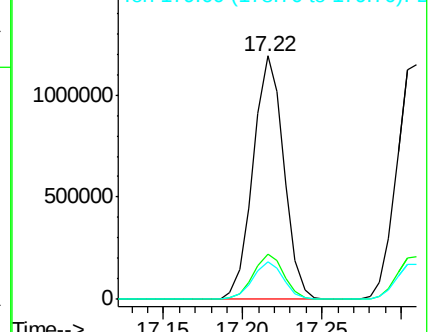
179 15.6 12.4 18.6



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: 45.032 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

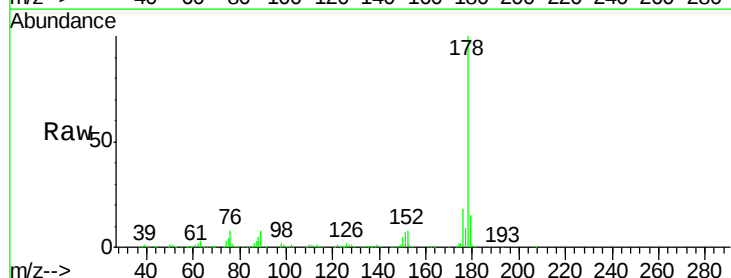
Tgt Ion:178 Resp: 1602683

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.0	12.4	18.6

178 100

176 18.0 14.6 22.0

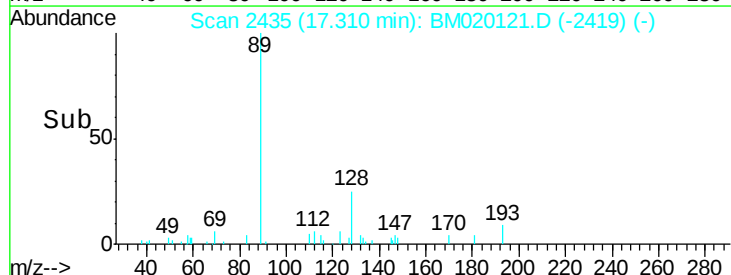
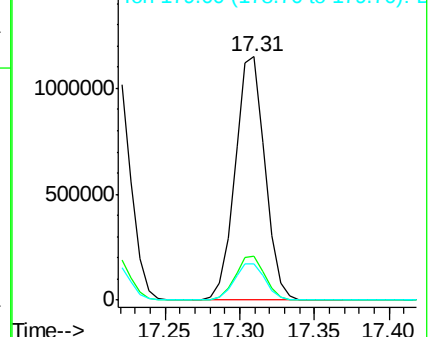
179 15.0 12.4 18.6

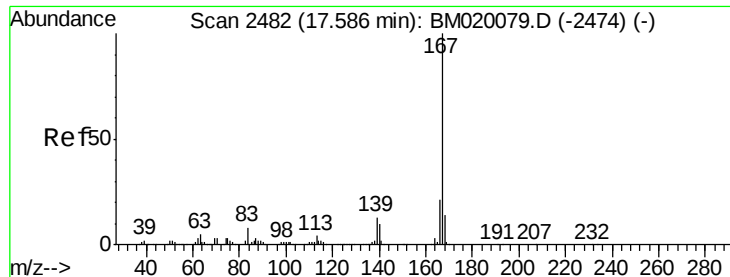


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.309 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampled :

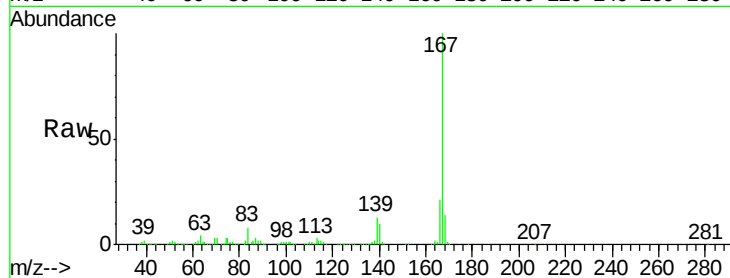
Tot Ion:167 Resp: 1487118

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

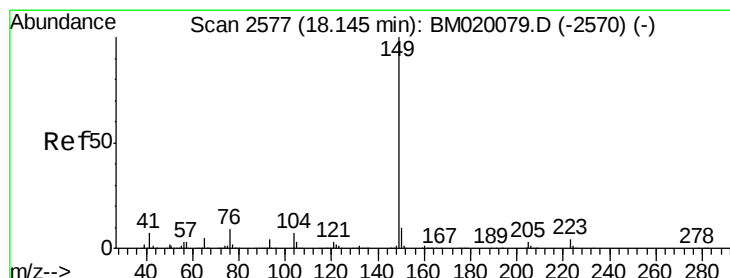
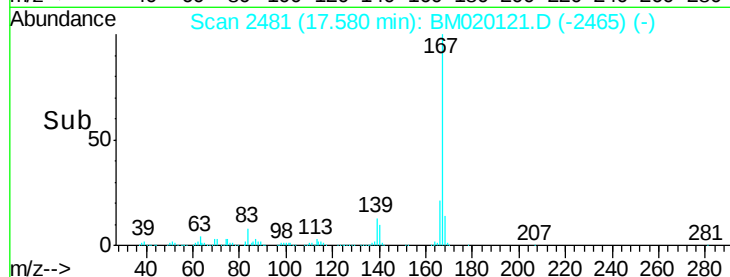
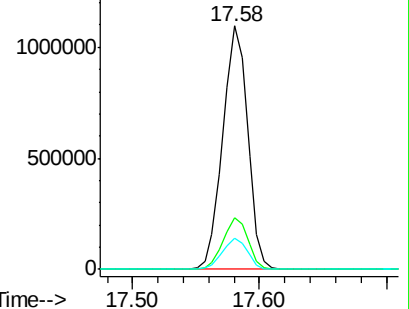
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.294 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

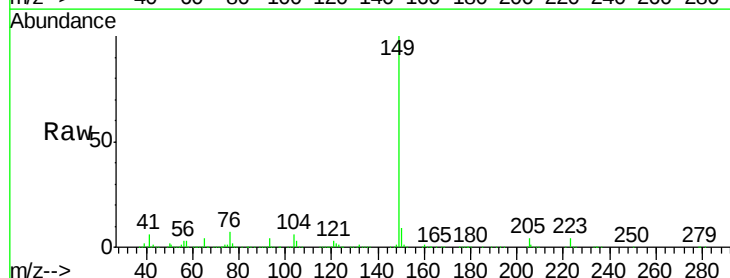
Tgt Ion:149 Resp: 1866412

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

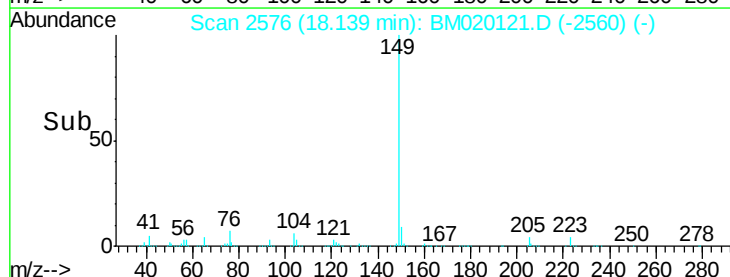
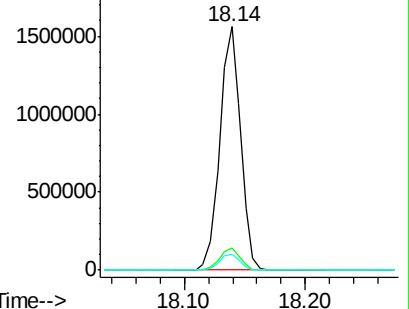
104 6.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.205 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

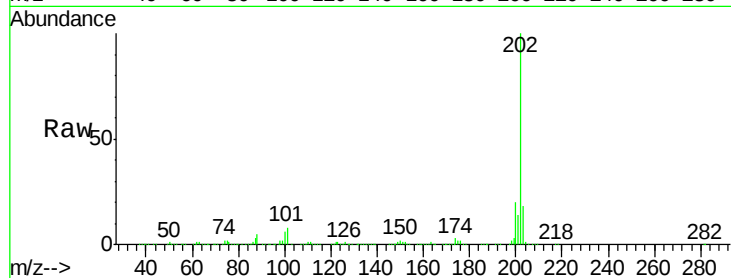
Tot Ion:202 Resp: 2261137

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.4

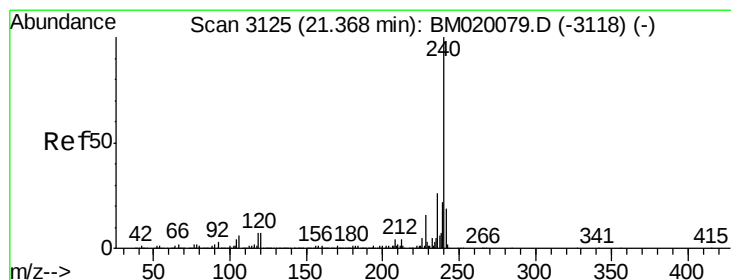
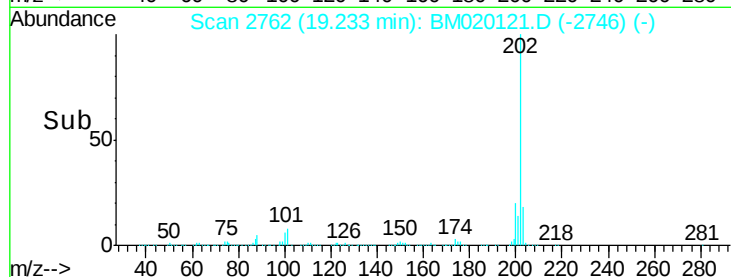
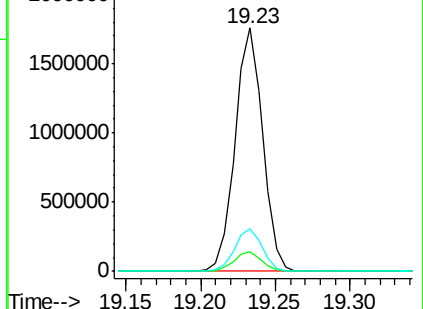
203 17.6 0.0 37.4



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# 3123

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

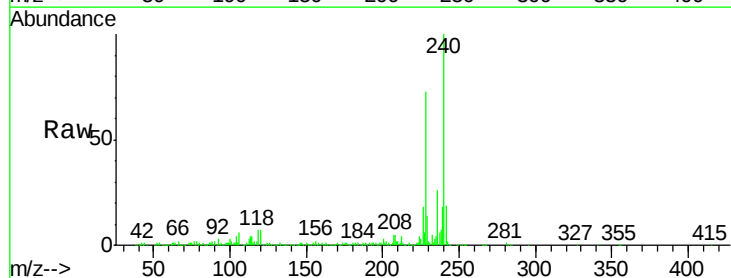
Tgt Ion:240 Resp: 679427

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

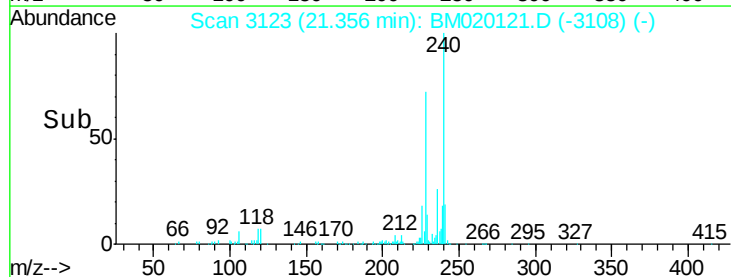
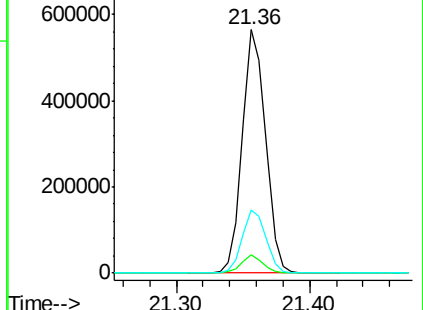
236 25.7 20.9 31.3

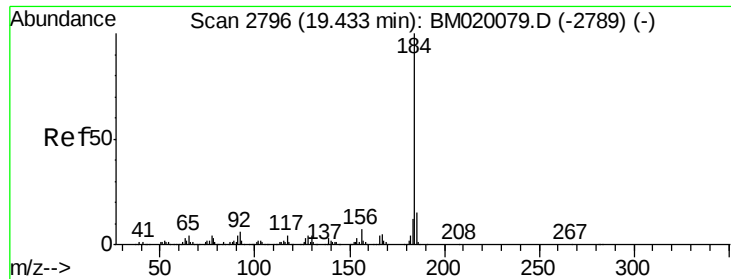


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.710 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

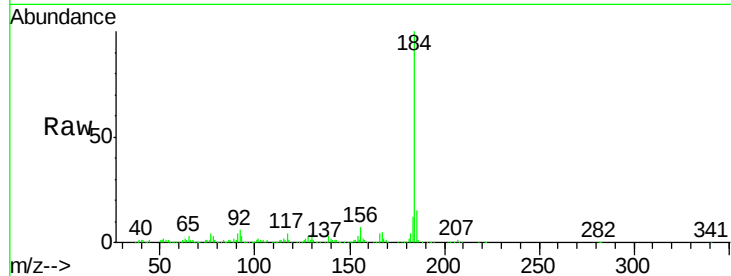
Tot Ion:184 Resp: 645345

Ion Ratio Lower Upper

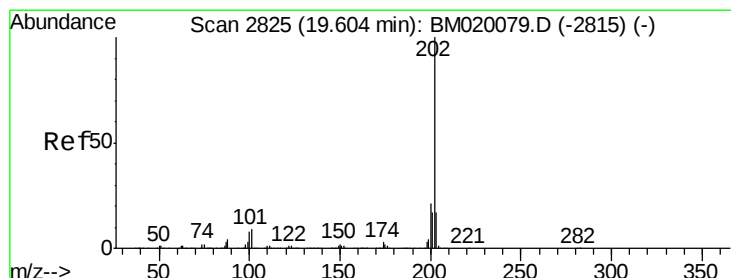
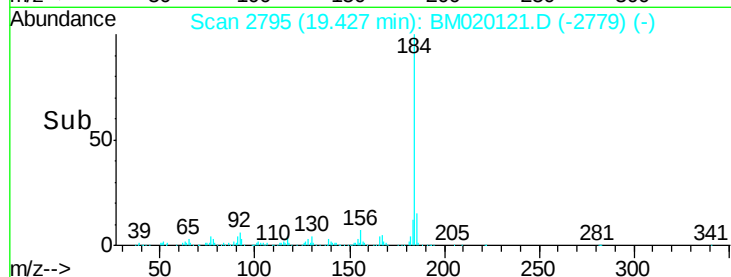
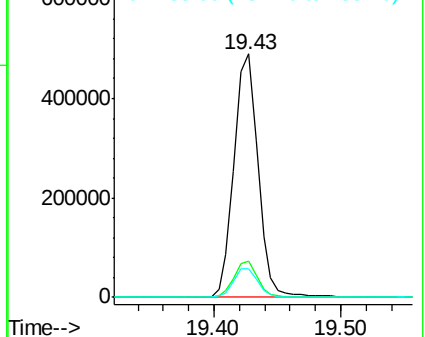
184 100

185 15.0 12.0 18.0

183 11.8 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: 50.567 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

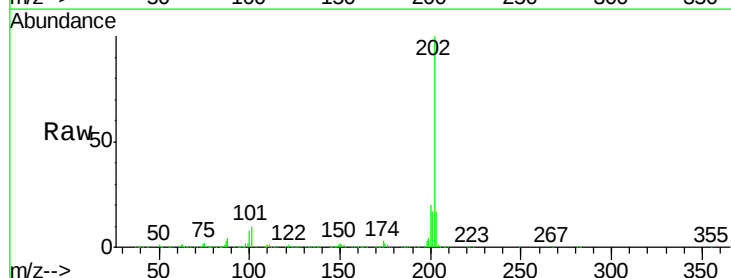
Tgt Ion:202 Resp: 2306660

Ion Ratio Lower Upper

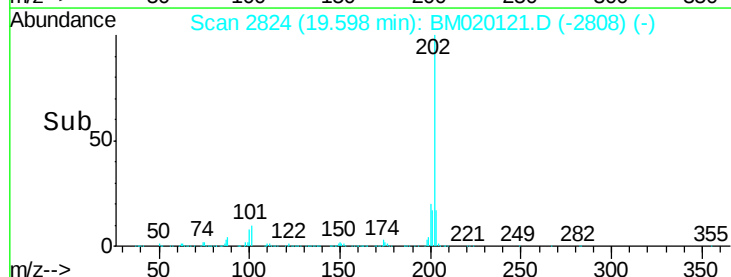
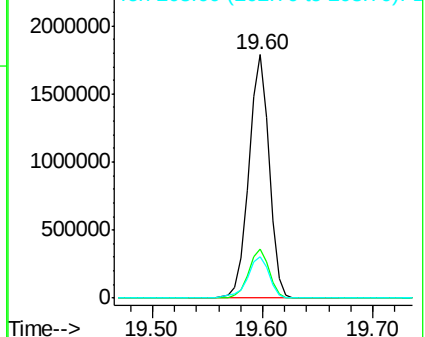
202 100

200 20.3 16.5 24.7

203 17.2 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: 94.831 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

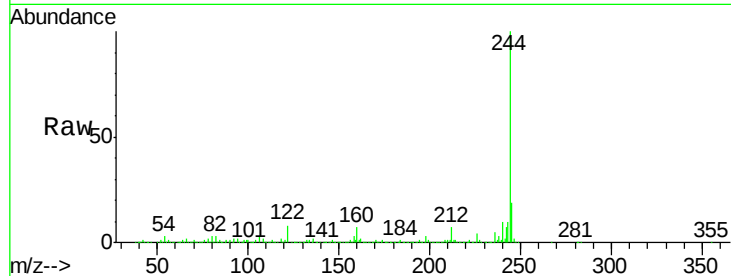
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3693960

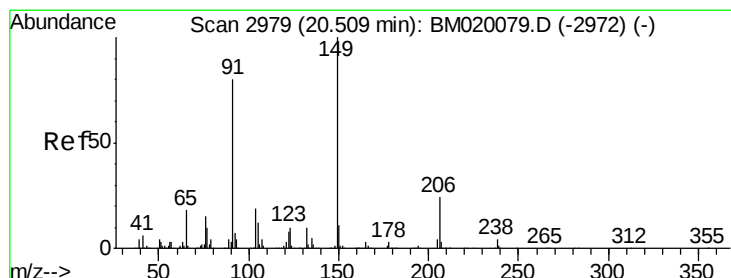
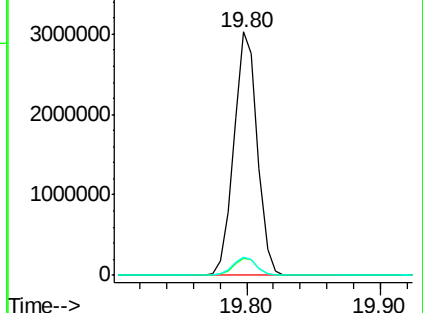
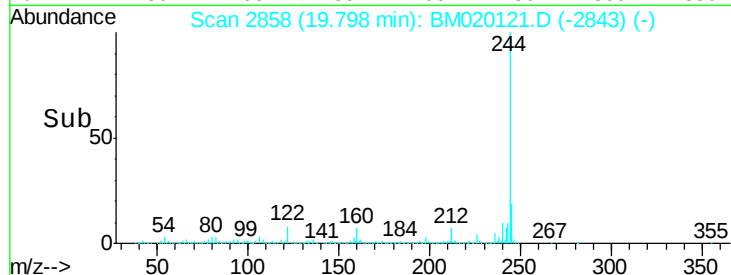
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.6	6.2	9.2



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: 54.878 ng

RT: 20.50 min Scan# 2977

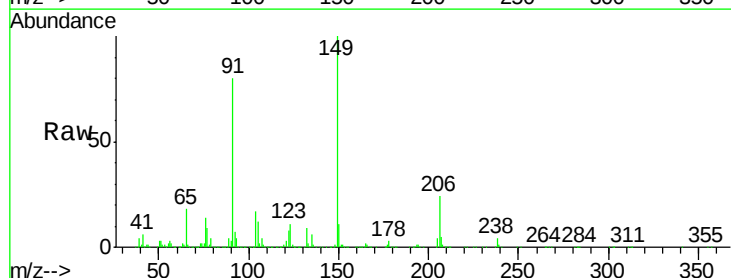
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:149 Resp: 910336

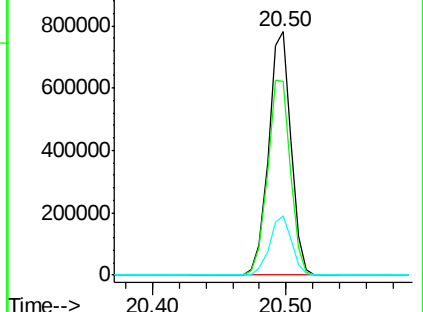
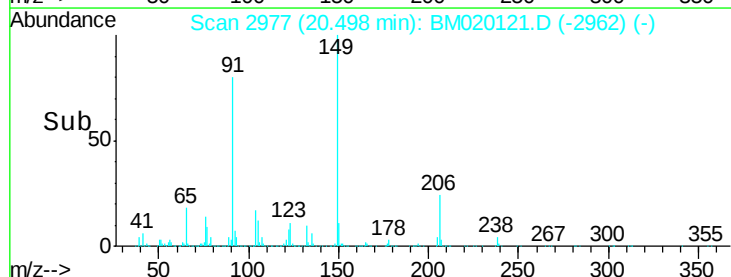
Ion	Ratio	Lower	Upper
149	100		
91	79.6	63.8	95.8
206	24.2	18.9	28.3

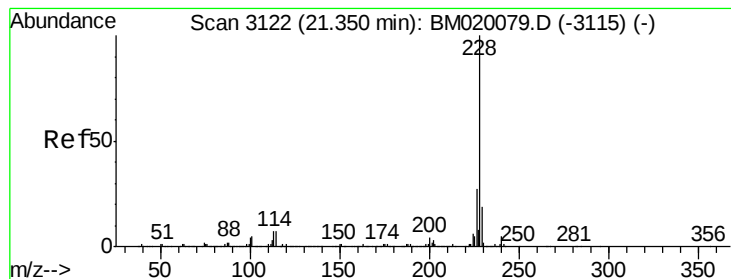


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.806 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

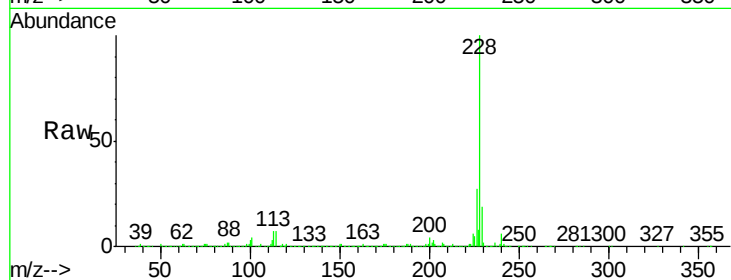
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2373167

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	15.5	23.3

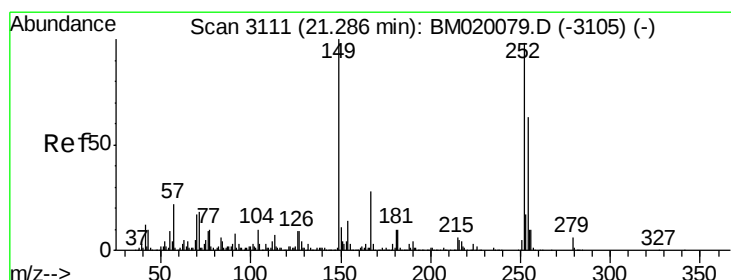
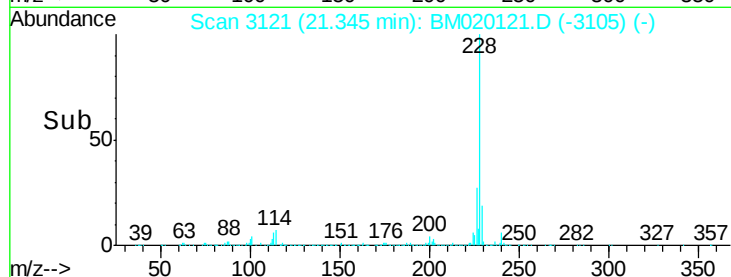
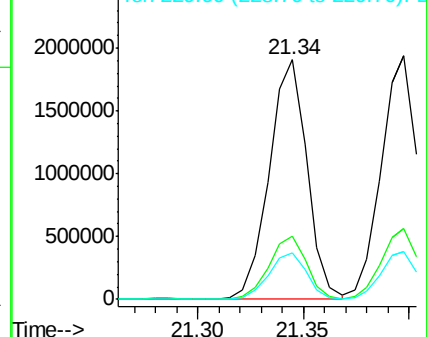


Abundance

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: 40.967 ng

RT: 21.28 min Scan# 3110

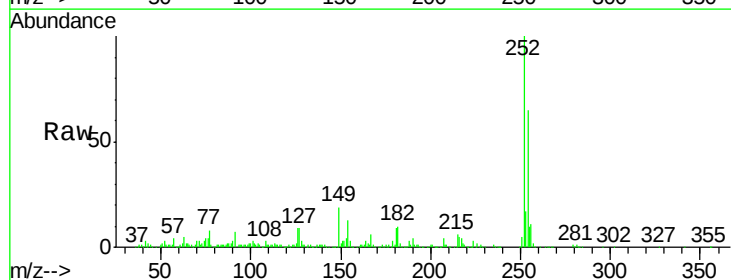
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:252 Resp: 745021

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	8.7	7.1	10.7

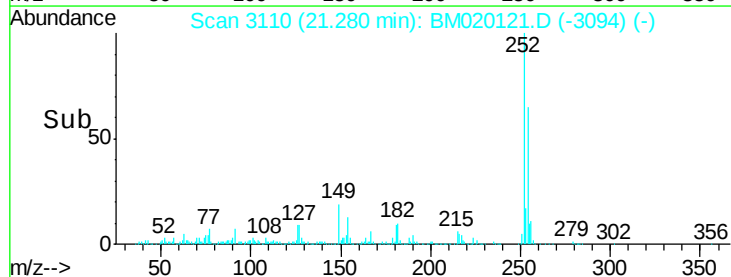
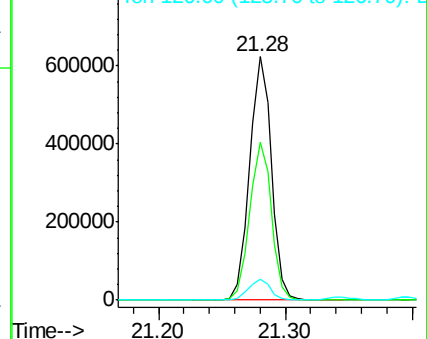


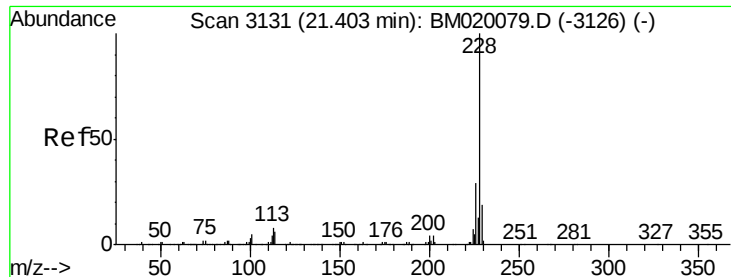
Abundance

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

Chrysene

Concen: 50.510 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

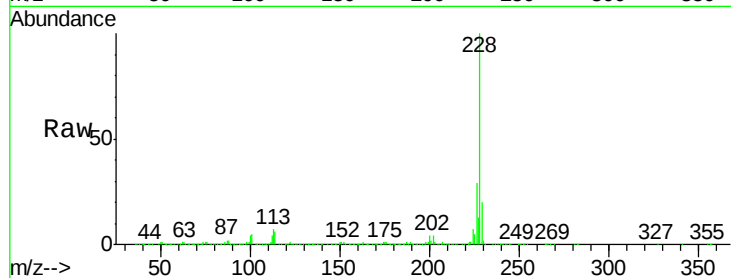
Tot Ion:228 Resp: 2334097

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	19.6	15.5	23.3

228 100

226 29.3 23.0 34.6

229 19.6 15.5 23.3

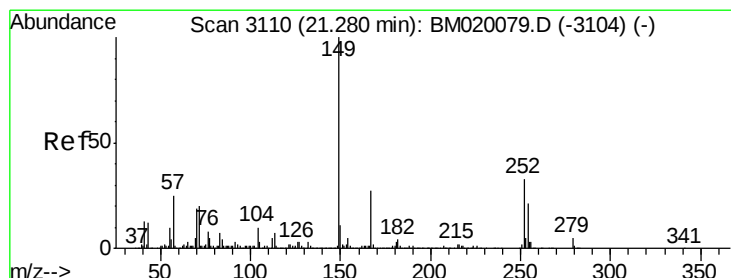
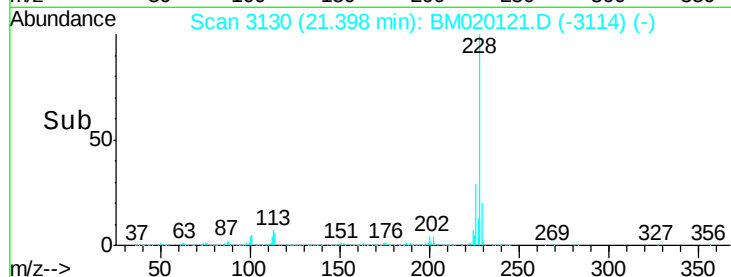
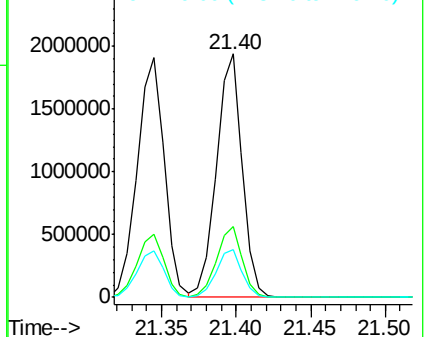


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.012 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

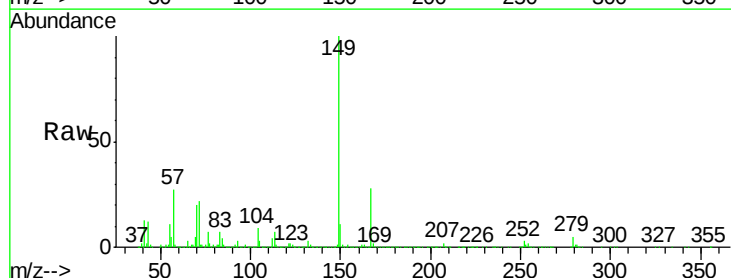
Tgt Ion:149 Resp: 1390314

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.6	4.2	6.2

149 100

167 27.5 21.8 32.8

279 4.6 4.2 6.2

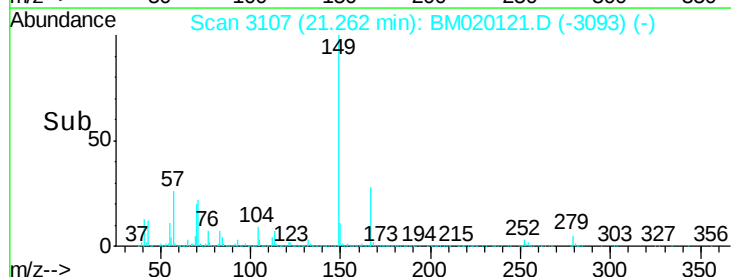
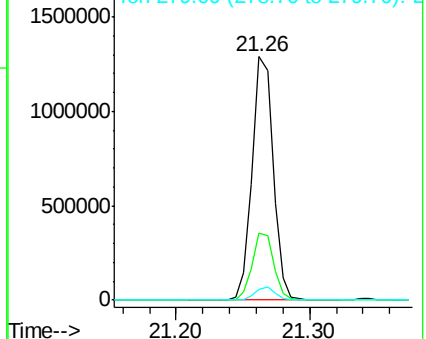


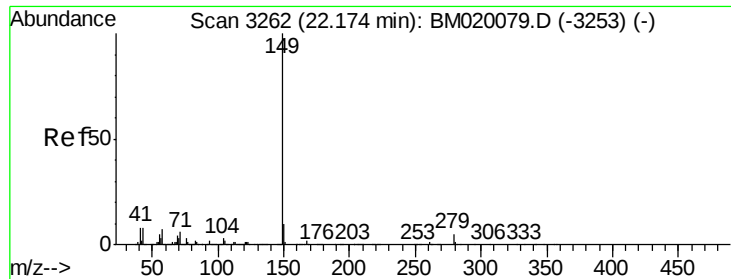
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.152 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampled :

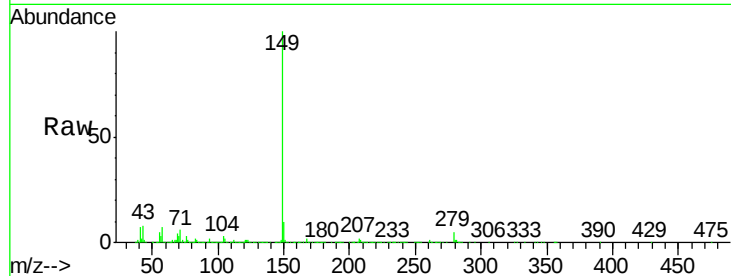
Tot Ion:149 Resp: 2402314

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.4 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): E

2500000

2000000

1500000

1000000

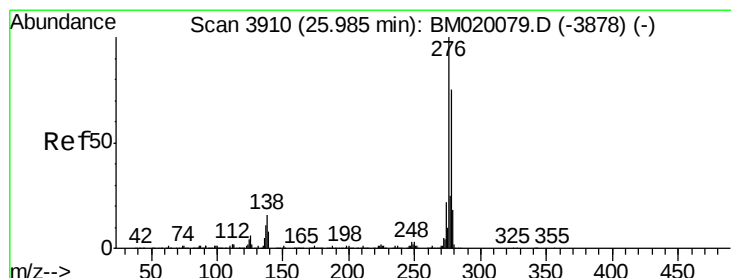
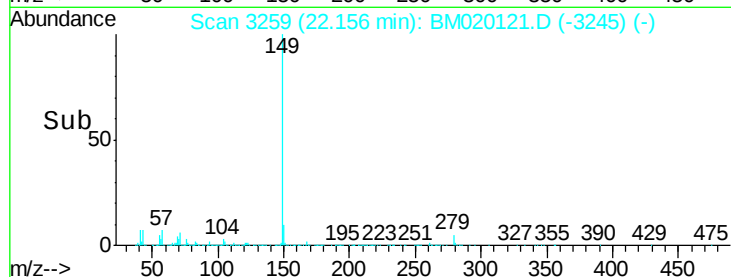
500000

0

22.16

22.10 22.20

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.856 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

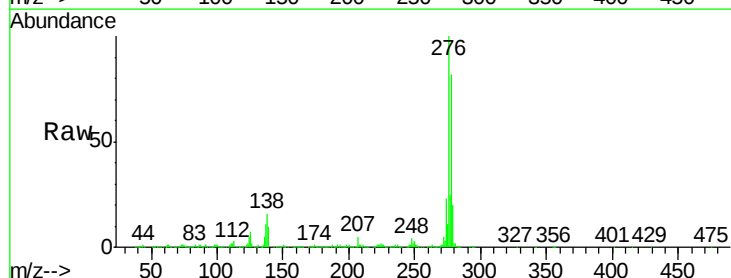
Tgt Ion:276 Resp: 3070164

Ion Ratio Lower Upper

276 100

138 16.3 0.0 0.0#

277 25.1 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

1200000

1000000

800000

600000

400000

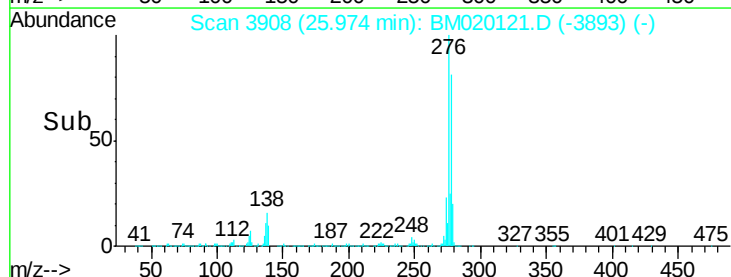
200000

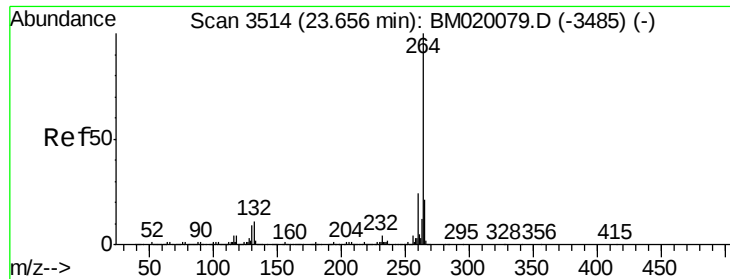
0

25.97

25.90 26.00 26.10

Time-->



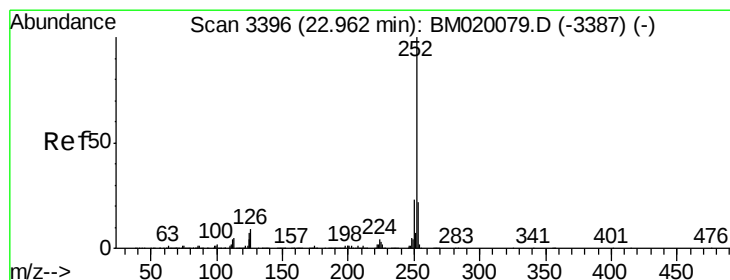
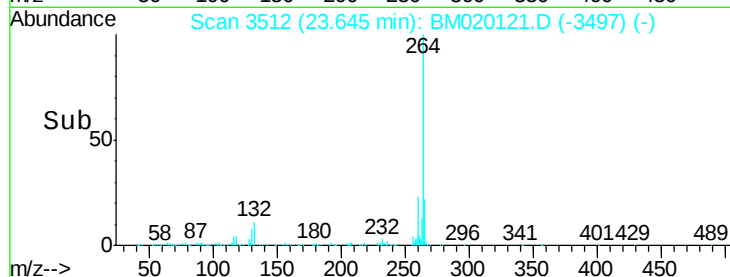
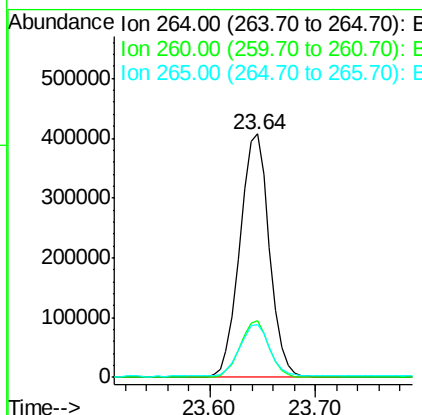
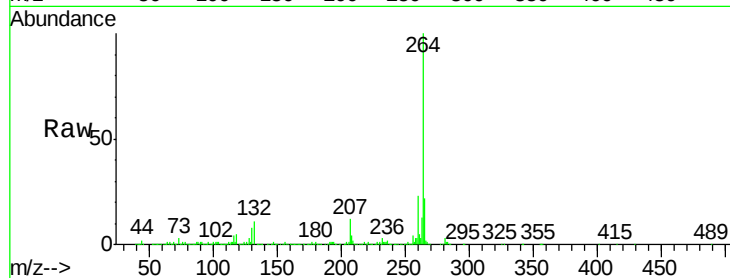


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 789576

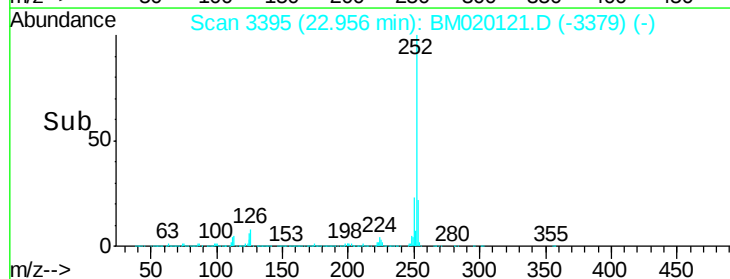
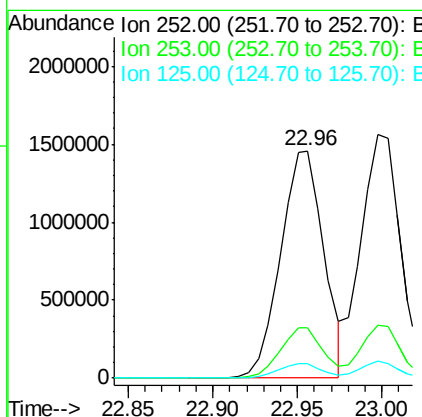
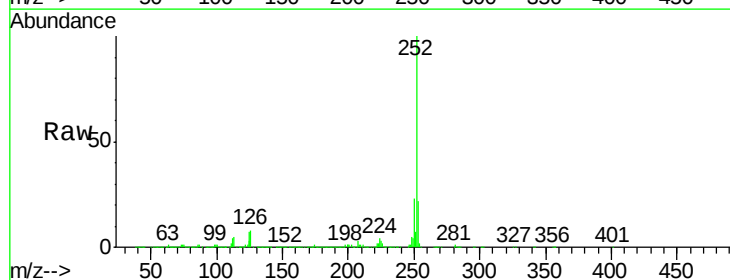
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	16.9	25.3

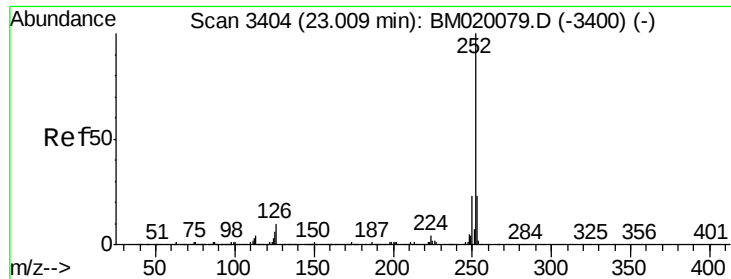


#88
Benzo(b)fluoranthene
Concen: 49.497 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:252 Resp: 2580755

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.5	5.4	8.2

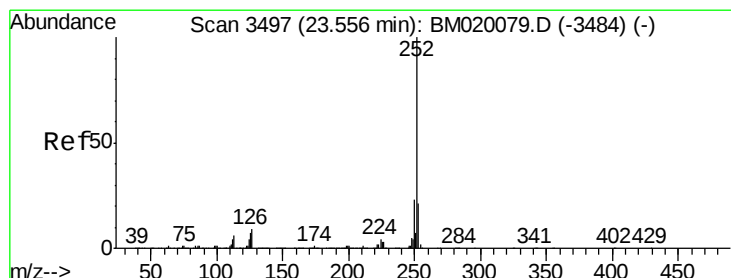
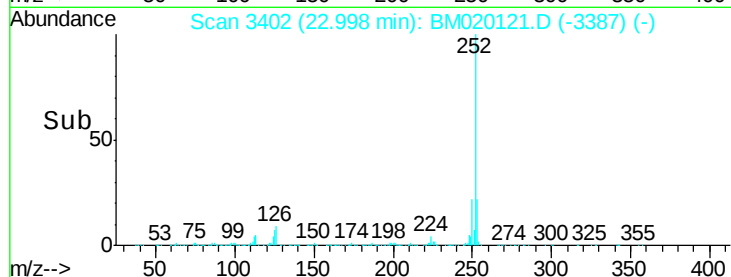
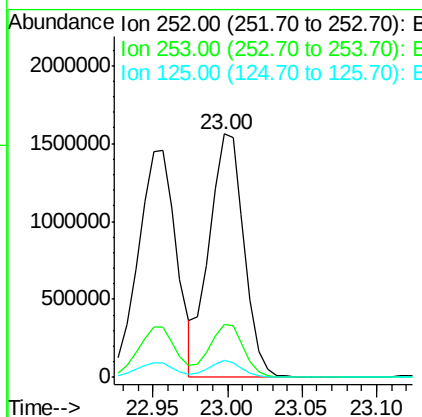
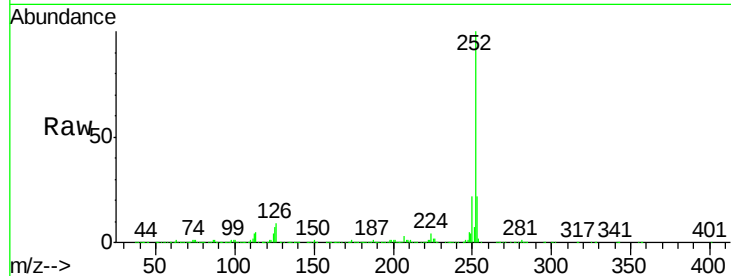




#89
Benzo(k)fluoranthene
Concen: 53.227 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

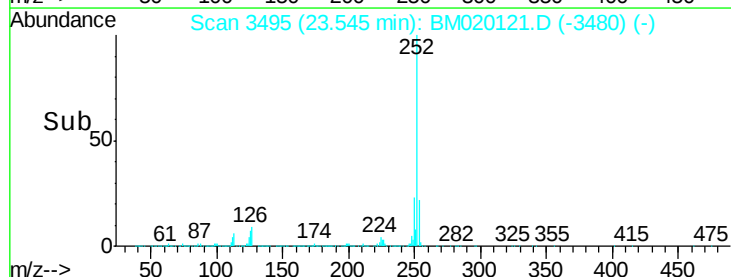
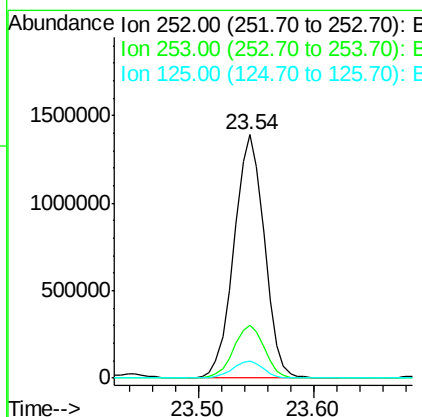
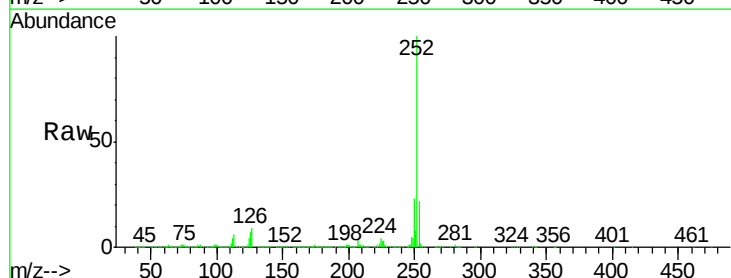
Instrument :
BNA_M
ClientSampleId :

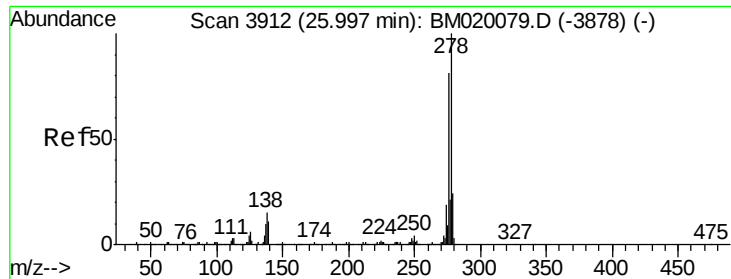
Tot Ion:252 Resp: 2531499
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.1 5.4 8.0



#90
Benzo(a)pyrene
Concen: 53.403 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:252 Resp: 2529128
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 6.9 5.5 8.3

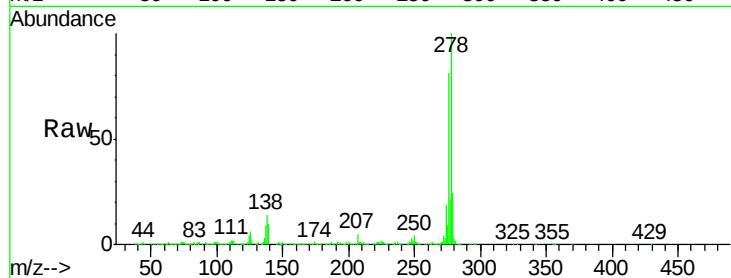




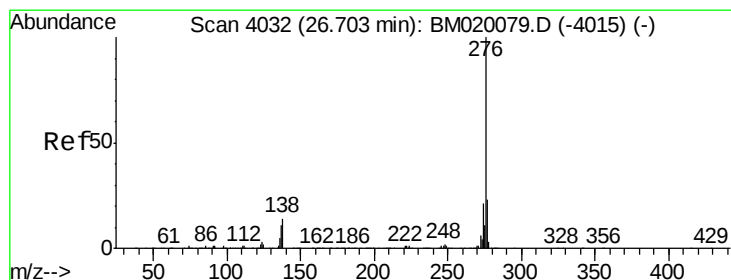
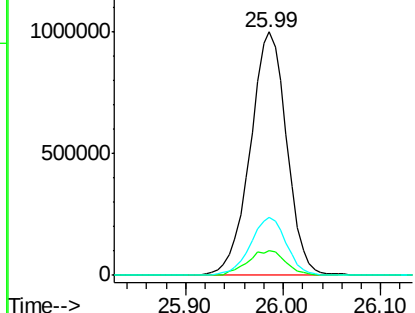
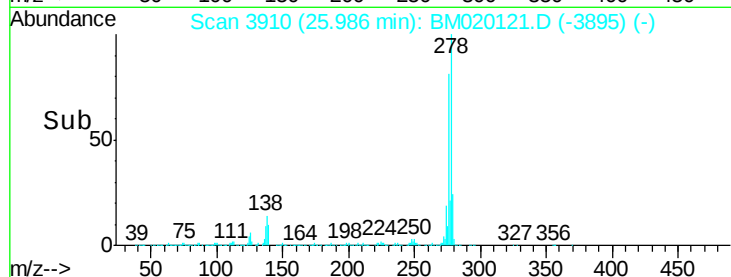
#91
Dibenzo(a,h)anthracene
Concen: 52.889 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2604867
Ion Ratio Lower Upper
278 100
139 10.3 8.6 13.0
279 23.6 18.8 28.2

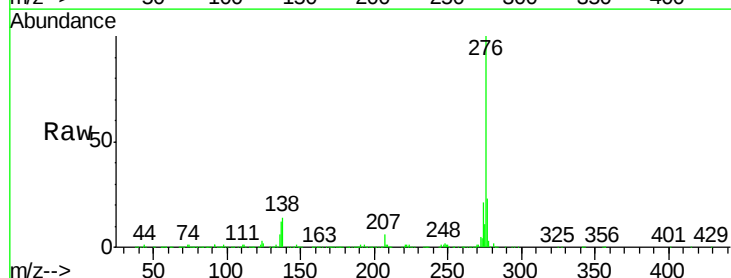


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.163 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:276 Resp: 2532675
Ion Ratio Lower Upper
276 100
277 23.4 18.4 27.6
138 13.9 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

