

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020090.D
 Acq On : 01 May 2019 15:01
 Operator : JU/SJ
 Sample : PB119354BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:29:30 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	105937	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	399307	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	247216	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	576657	20.00	ng	0.00
76) Chrysene-d12	21.36	240	556594	20.00	ng	0.00
87) Perylene-d12	23.65	264	508037	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	865700	133.58	ng	0.00
7) Phenol-d6	6.95	99	1143914	129.20	ng	0.00
23) Nitrobenzene-d5	8.96	82	764871	75.62	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	525730	137.01	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1518219	75.56	ng	0.00
79) Terphenyl-d14	19.80	244	2544980	79.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	109349	34.402	ng	98
3) Pyridine	3.70	79	273511	33.645	ng	99
4) n-Nitrosodimethylamine	3.62	42	104248	39.991	ng	99
6) Aniline	7.13	93	335146	30.070	ng	98
8) 2-Chlorophenol	7.36	128	266506	37.766	ng	98
9) Benzaldehyde	6.94	77	204214	30.474	ng	98
10) Phenol	6.98	94	356832	37.437	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	255395	36.866	ng	100
12) 1,3-Dichlorobenzene	7.67	146	305834	37.249	ng	98
13) 1,4-Dichlorobenzene	7.83	146	310485	37.434	ng	96
14) 1,2-Dichlorobenzene	8.14	146	294358	37.251	ng	99
15) Benzyl Alcohol	8.03	79	310488	36.368	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	196024	34.124	ng	97
17) 2-Methylphenol	8.22	107	234672	38.247	ng	98
18) Hexachloroethane	8.86	117	129798	37.532	ng	98
19) n-Nitroso-di-n-propylamine	8.60	70	269125	35.528	ng	98
20) 3+4-Methylphenols	8.55	107	308625	37.846	ng	99
22) Acetophenone	8.62	105	438767	40.205	ng	# 99
24) Nitrobenzene	9.00	77	409632	39.062	ng	98
25) Isophorone	9.52	82	653674	37.478	ng	99
26) 2-Nitrophenol	9.70	139	124829	39.429	ng	99
27) 2,4-Dimethylphenol	9.75	122	236116	44.797	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	361709	38.077	ng	99
29) 2,4-Dichlorophenol	10.23	162	272682	41.028	ng	96
30) 1,2,4-Trichlorobenzene	10.45	180	335591	41.036	ng	98
31) Naphthalene	10.63	128	811229	39.149	ng	100
32) Benzoic acid	9.87	122	127281	35.876	ng	95
33) 4-Chloroaniline	10.75	127	180776	21.196	ng	98
34) Hexachlorobutadiene	10.90	225	232886	40.256	ng	96
35) Caprolactam	11.53	113	63858	32.132	ng	92
36) 4-Chloro-3-methylphenol	11.86	107	293827	37.620	ng	99
37) 2-Methylnaphthalene	12.24	142	607687	40.226	ng	99
38) 1-Methylnaphthalene	12.47	142	569518	38.553	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	397860	41.135	ng	98

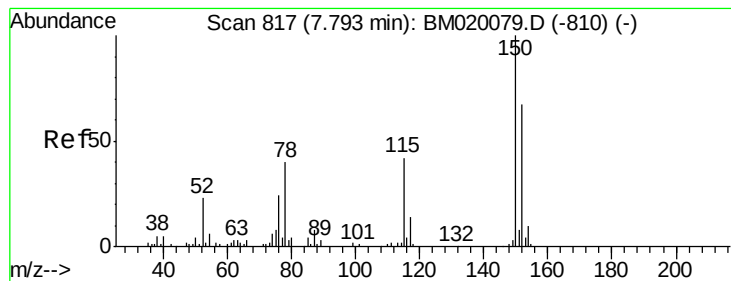
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020090.D
 Acq On : 01 May 2019 15:01
 Operator : JU/SJ
 Sample : PB119354BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:29:30 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)
41) Hexachlorocyclopentadiene	12.59	237	522686	91.781	ng	98
43) 2,4,6-Trichlorophenol	12.86	196	230092	41.859	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	247836	40.359	ng	96
46) 1,1'-Biphenyl	13.26	154	791974	38.921	ng	98
47) 2-Chloronaphthalene	13.30	162	642842	39.568	ng	99
48) 2-Nitroaniline	13.52	65	216935	37.506	ng	98
49) Acenaphthylene	14.16	152	969647	37.293	ng	99
50) Dimethylphthalate	13.89	163	791499	37.670	ng	99
51) 2,6-Dinitrotoluene	14.02	165	166356	37.591	ng	97
52) Acenaphthene	14.50	154	574369	38.522	ng	98
53) 3-Nitroaniline	14.34	138	96712	23.546	ng	96
54) 2,4-Dinitrophenol	14.55	184	172210	77.932	ng	98
55) Dibenzofuran	14.83	168	974656	38.754	ng	100
56) 4-Nitrophenol	14.64	139	262606	74.936	ng	98
57) 2,4-Dinitrotoluene	14.80	165	231864	38.558	ng	98
58) Fluorene	15.48	166	780493	37.787	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	236476	40.523	ng	98
60) Diethylphthalate	15.26	149	800660	37.823	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	455509	38.922	ng	99
62) 4-Nitroaniline	15.51	138	152770	33.703	ng	92
63) Azobenzene	15.77	77	952705	38.149	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	104644	37.761	ng	95
66) n-Nitrosodiphenylamine	15.69	169	682257	40.207	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	279022	39.458	ng	96
68) Hexachlorobenzene	16.47	284	320074	39.334	ng	97
69) Atrazine	16.64	200	249674	37.651	ng	99
70) Pentachlorophenol	16.82	266	388837	83.516	ng	97
71) Phenanthrene	17.22	178	1237539	38.877	ng	99
72) Anthracene	17.31	178	1253596	39.389	ng	99
73) Carbazole	17.59	167	1058934	36.875	ng	99
74) Di-n-butylphthalate	18.14	149	1289060	37.299	ng	99
75) Fluoranthene	19.23	202	1491457	37.031	ng	99
77) Benzidine	19.43	184	488057	27.427	ng	99
78) Pyrene	19.60	202	1506034	40.302	ng	99
80) Butylbenzylphthalate	20.50	149	541656	39.859	ng	98
81) Benzo(a)anthracene	21.34	228	1450259	37.154	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	494092	33.165	ng	99
83) Chrysene	21.40	228	1448783	38.271	ng	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	807705	38.303	ng	98
85) Di-n-octyl phthalate	22.17	149	1323837	37.772	ng	100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1765628	39.211	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1485084	44.267	ng	99
89) Benzo(k)fluoranthene	23.00	252	1487313	48.602	ng	99
90) Benzo(a)pyrene	23.55	252	1454016	47.716	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1516696	47.860	ng	98
92) Benzo(g,h,i)perylene	26.69	276	1486115	49.394	ng	98

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

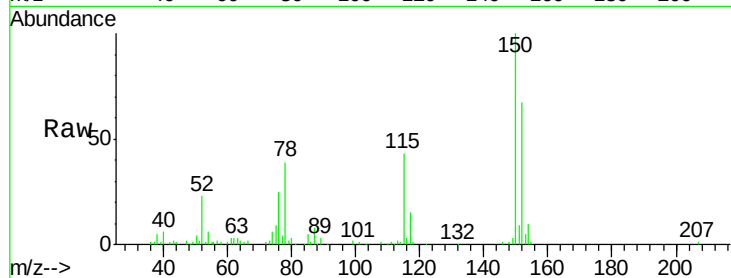


#1

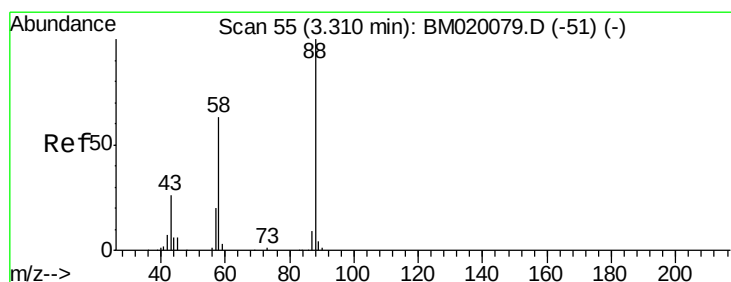
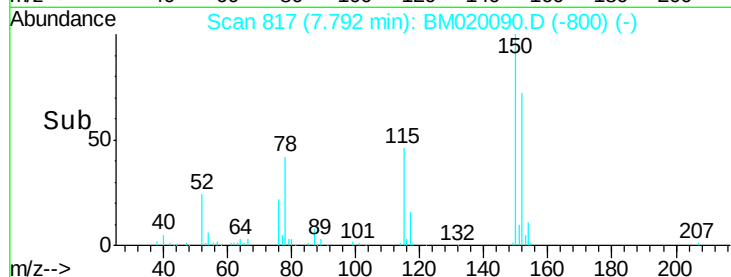
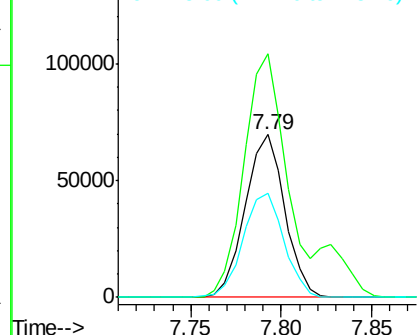
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 105937
Ion Ratio Lower Upper
152 100
150 149.4 119.8 179.8
115 64.0 50.8 76.2



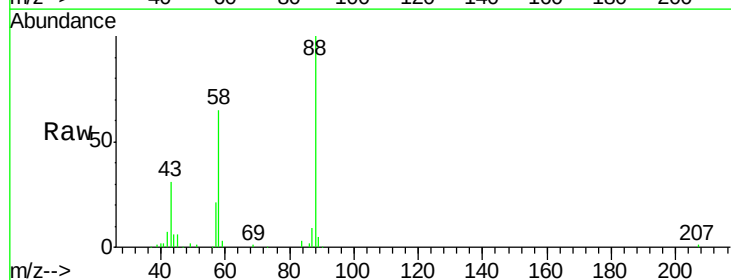
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



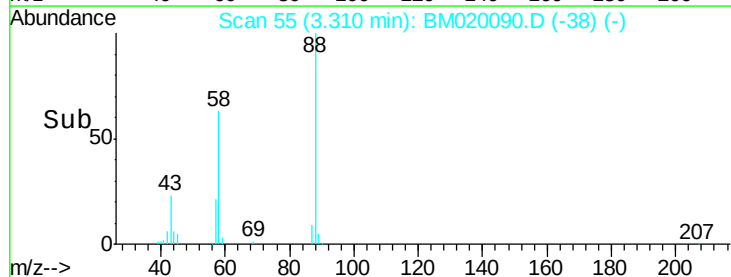
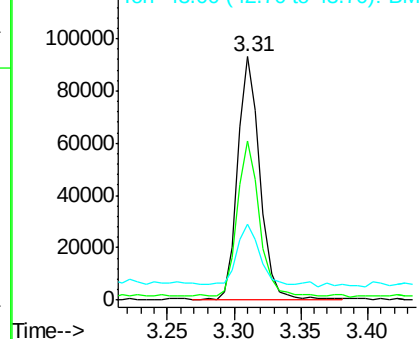
#2

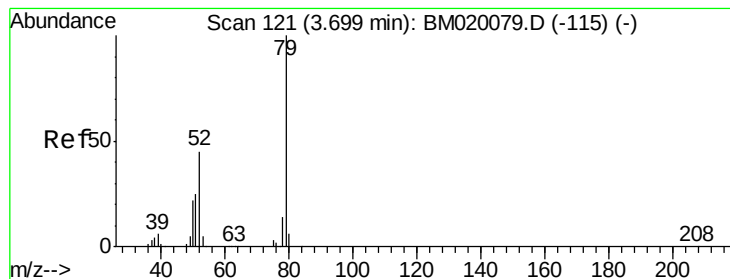
1,4-Dioxane
Concen: 34.402 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion: 88 Resp: 109349
Ion Ratio Lower Upper
88 100
58 63.0 51.8 77.6
43 25.2 20.3 30.5



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





#3

Pvridine

Concen: 33.645 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

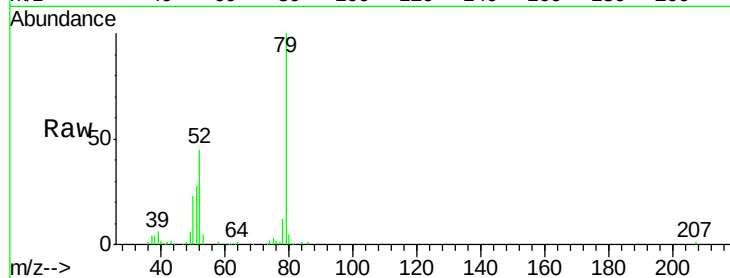
Tot Ion: 79 Resp: 273511

Ion Ratio Lower Upper

79 100

52 44.5 35.7 53.5

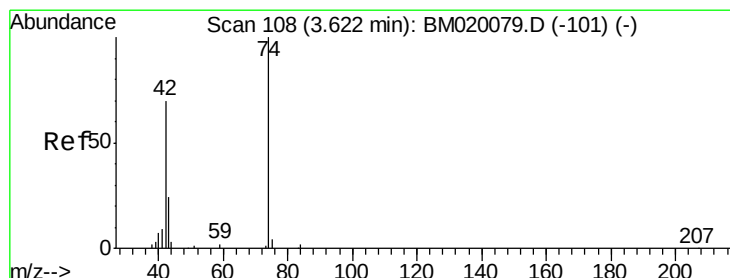
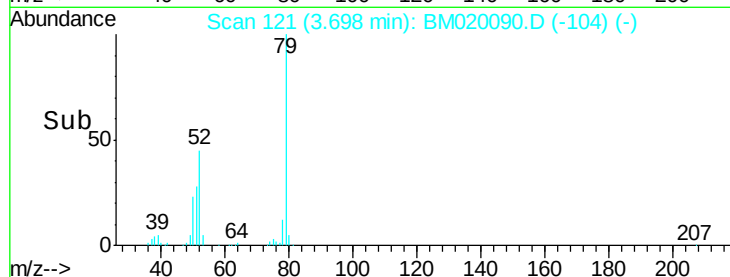
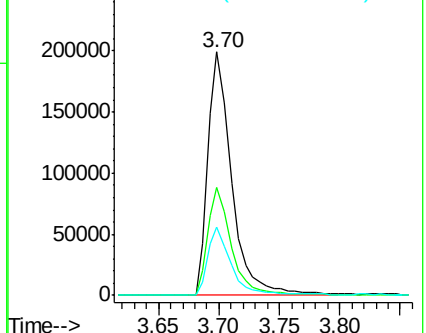
51 28.0 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 39.991 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

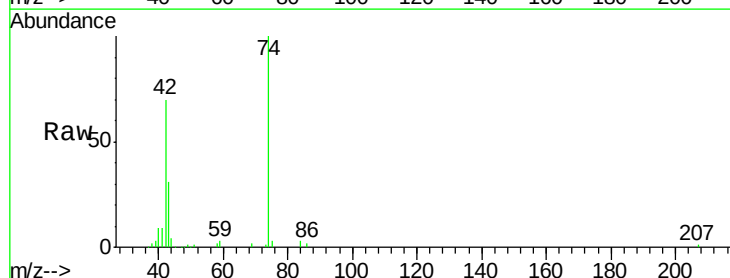
Tgt Ion: 42 Resp: 104248

Ion Ratio Lower Upper

42 100

74 143.1 113.7 170.5

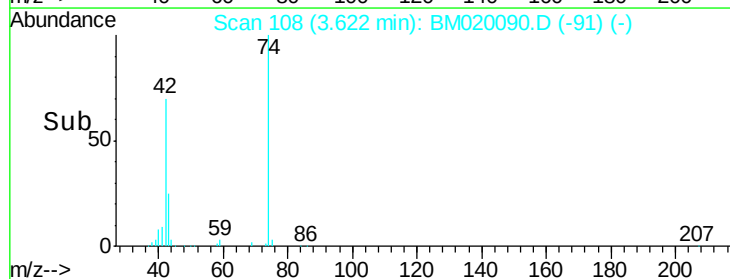
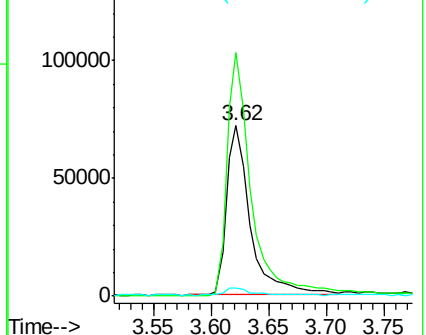
44 5.1 3.9 5.9

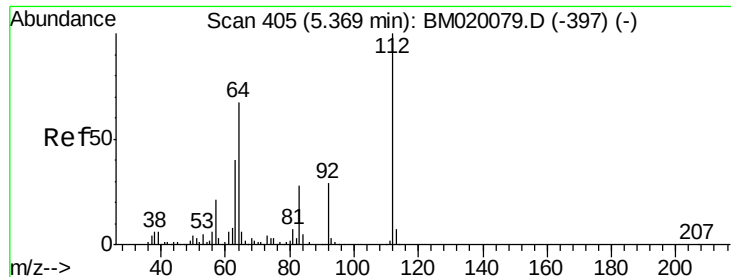


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#5

2-Fluorophenol

Concen: 133.576 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

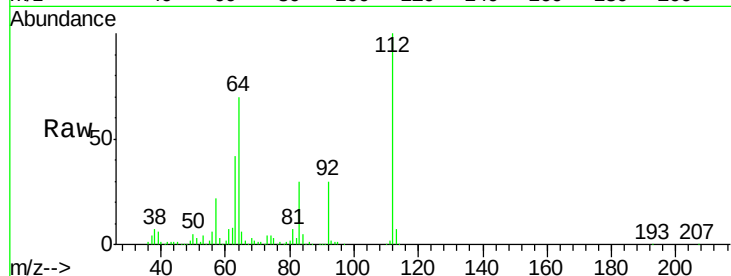
Tot Ion:112 Resp: 865700

Ion Ratio Lower Upper

112 100

64 69.6 53.8 80.6

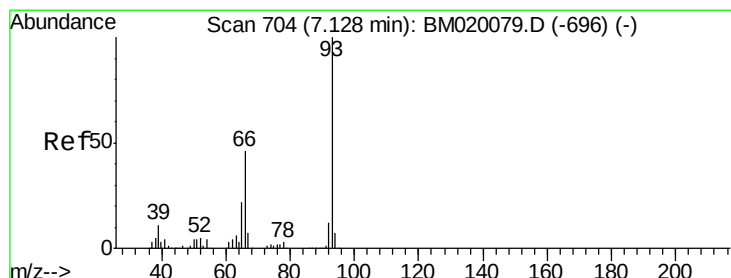
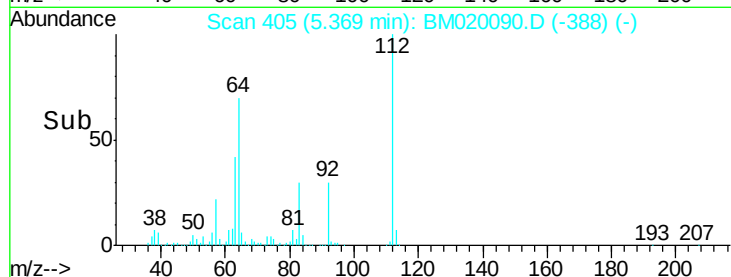
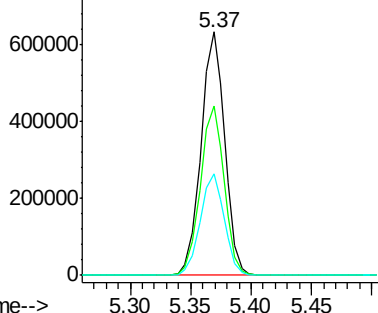
63 41.7 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.070 ng

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

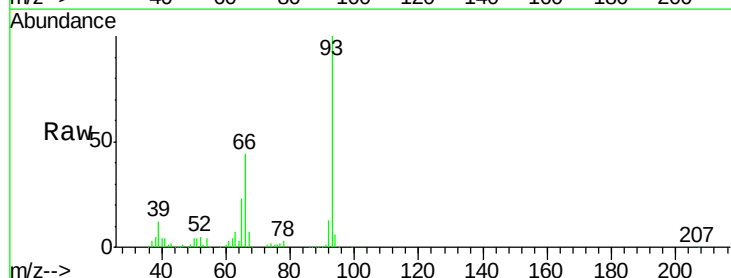
Tgt Ion: 93 Resp: 335146

Ion Ratio Lower Upper

93 100

66 44.3 36.6 54.8

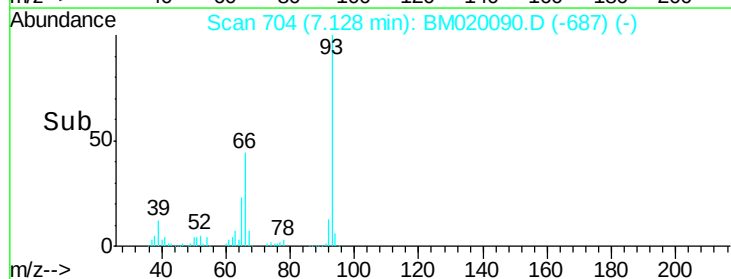
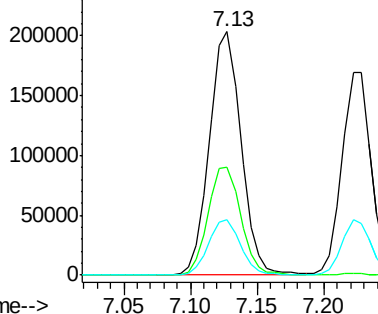
65 22.9 17.8 26.6

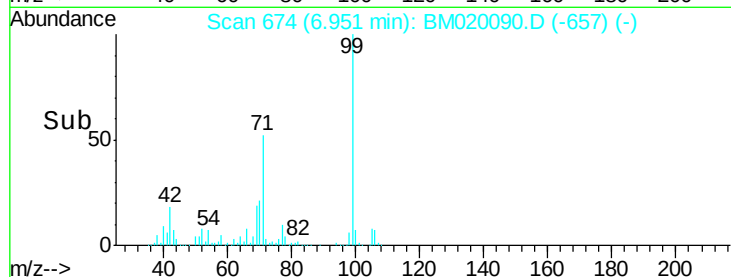
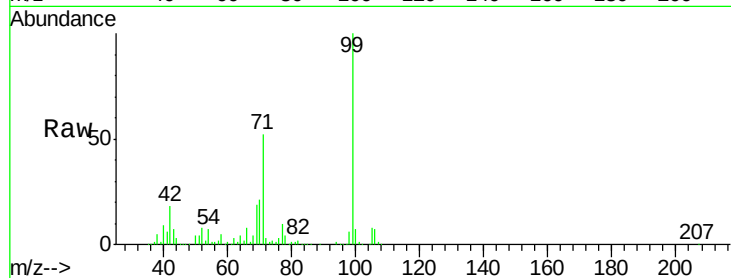
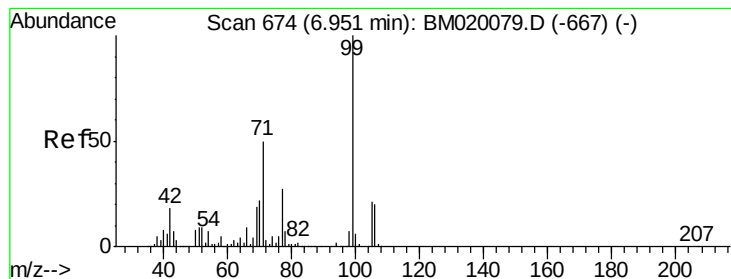


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 129.199 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampled :

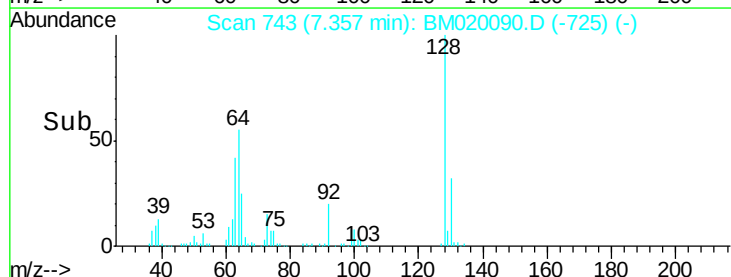
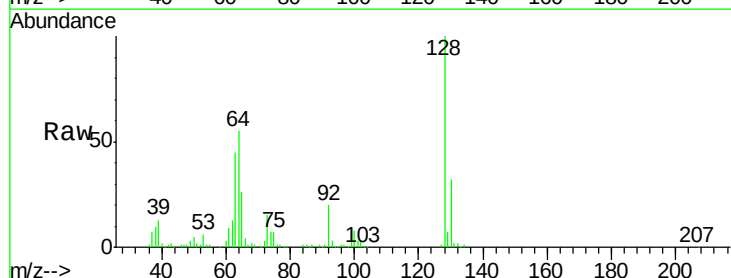
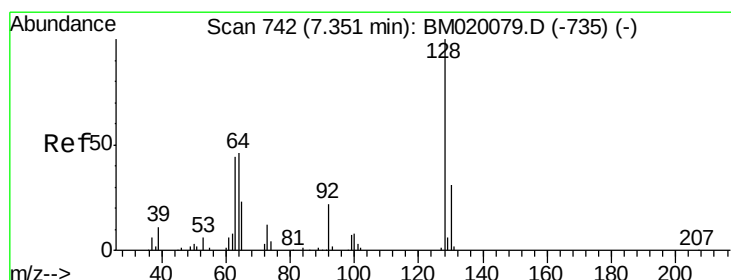
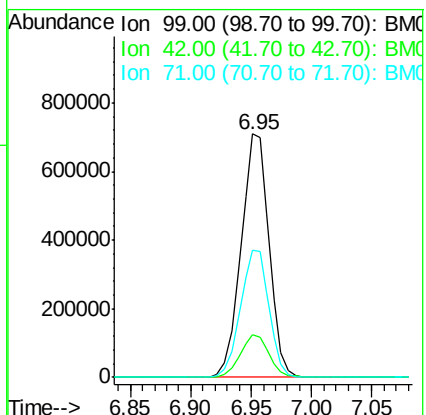
Tot Ion: 99 Resp: 1143914

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.2

71 52.5 40.3 60.5



#8

2-Chlorophenol

Concen: 37.766 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

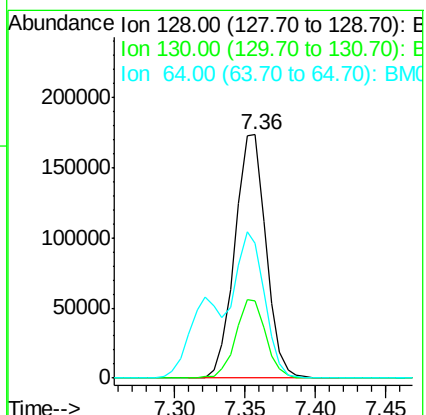
Tgt Ion: 128 Resp: 266506

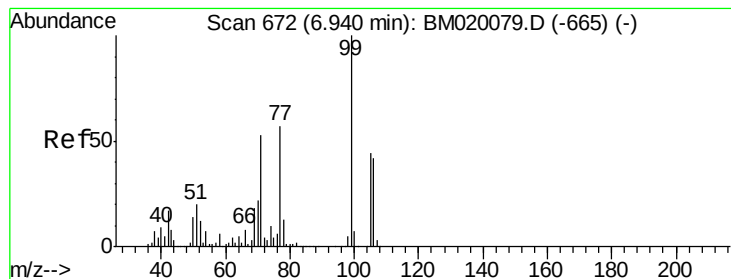
Ion Ratio Lower Upper

128 100

130 32.0 10.8 50.8

64 55.4 36.5 76.5





#9

Benzaldehyde

Concen: 30.474 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampled :

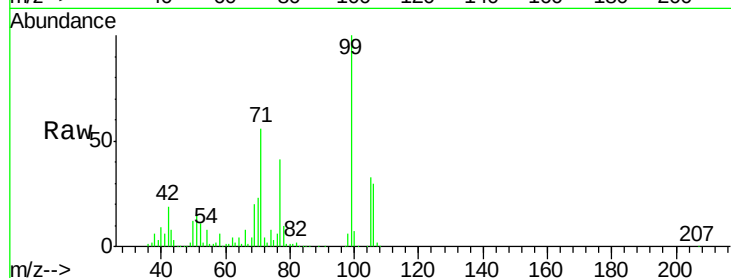
Tot Ion: 77 Resp: 204214

Ion Ratio Lower Upper

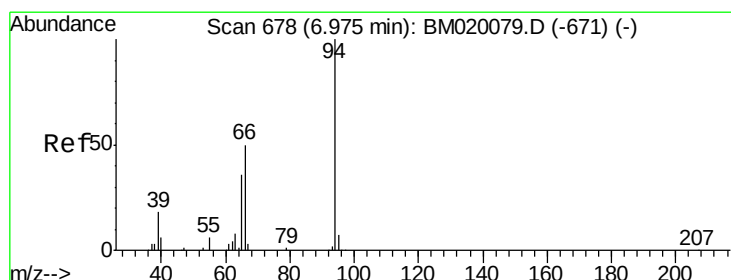
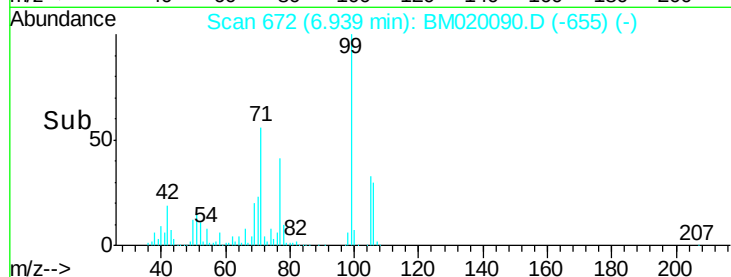
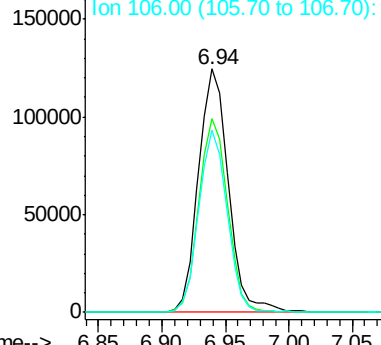
77 100

105 79.8 57.8 97.8

106 74.6 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 37.437 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

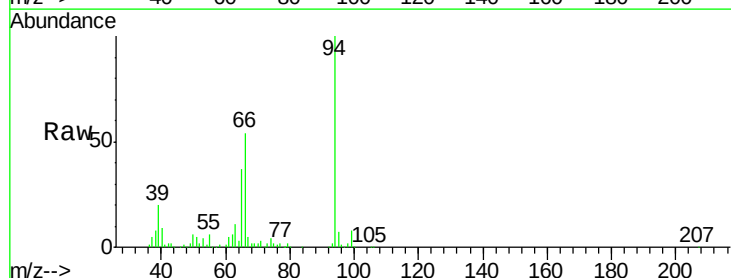
Tgt Ion: 94 Resp: 356832

Ion Ratio Lower Upper

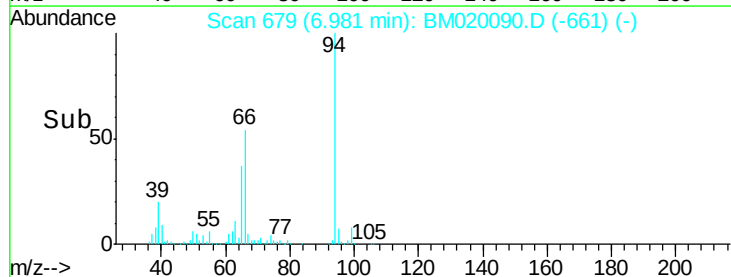
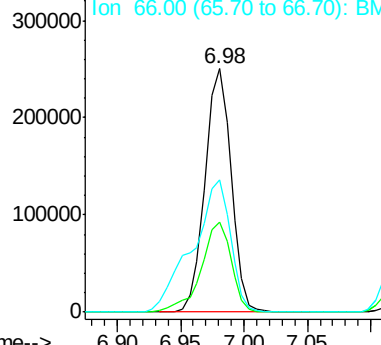
94 100

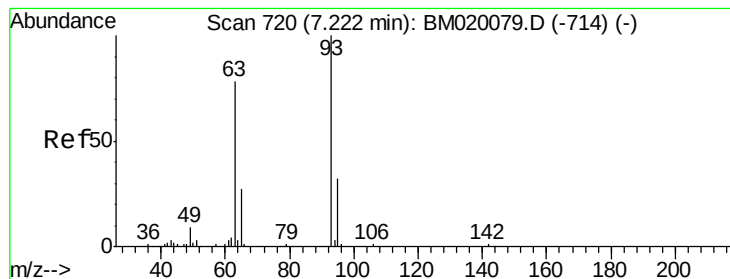
65 36.8 17.0 57.0

66 54.1 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

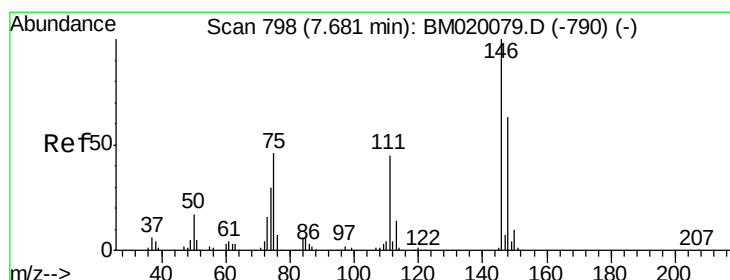
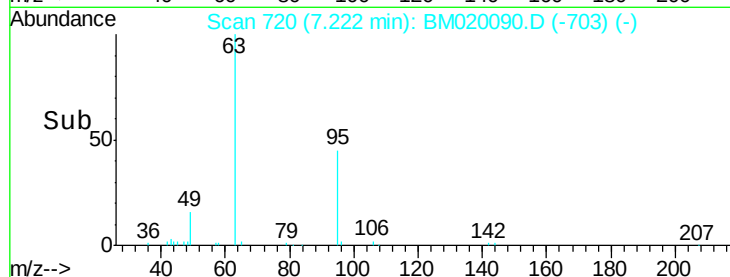
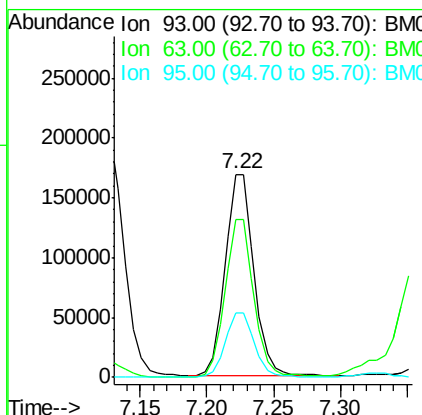
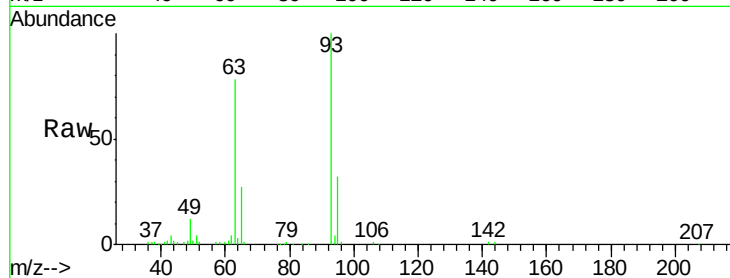




#11
bis(2-Chloroethyl)ether
Concen: 36.866 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

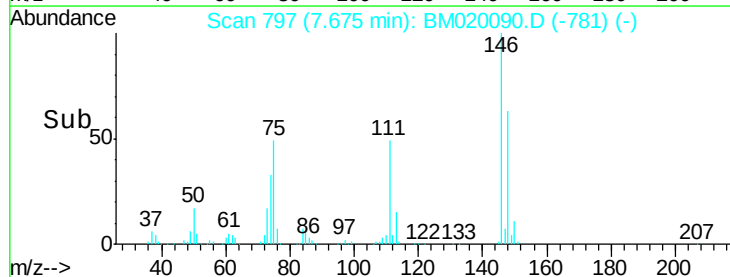
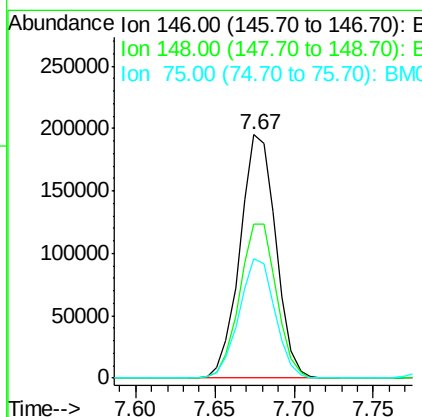
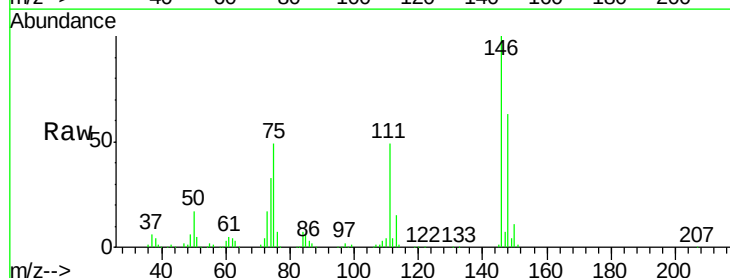
Instrument :
BNA_M
ClientSampleId :

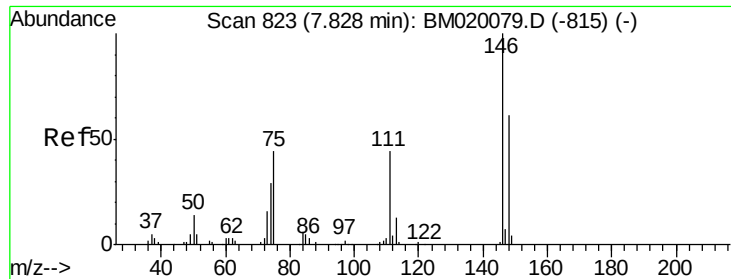
Tot Ion	93	Resp	255395
Ion Ratio	Lower	Upper	
93	100		
63	77.6	57.9	97.9
95	31.6	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 37.249 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	146	Resp	305834
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.1	75.1
75	49.3	37.2	55.8

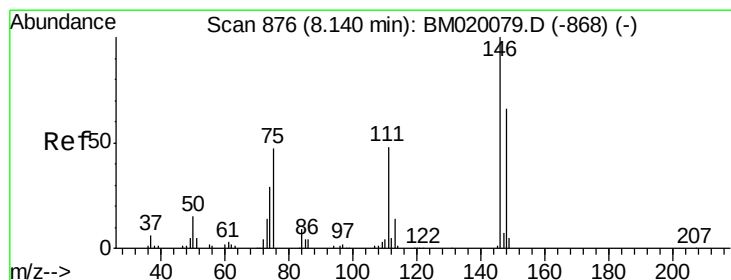
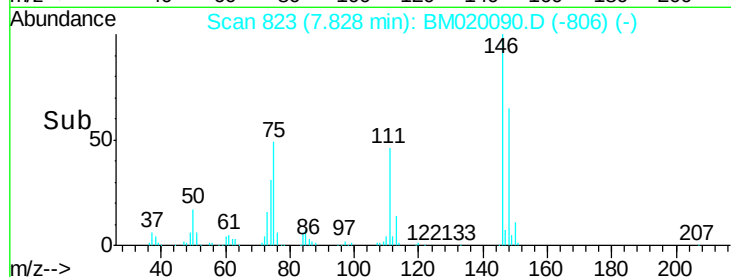
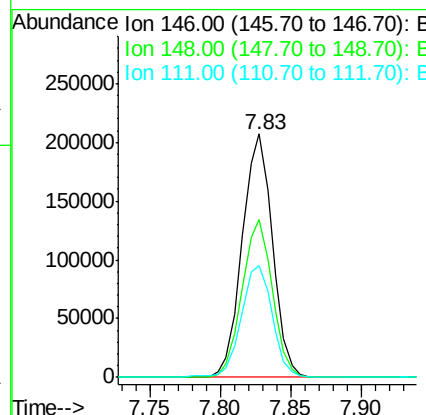
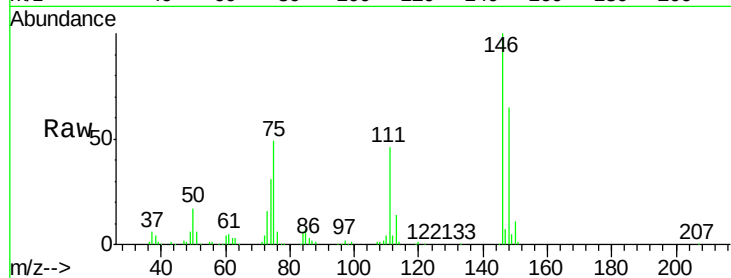




#13
 1,4-Dichlorobenzene
 Concen: 37.434 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

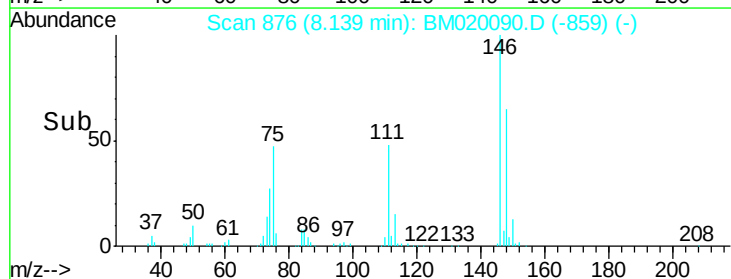
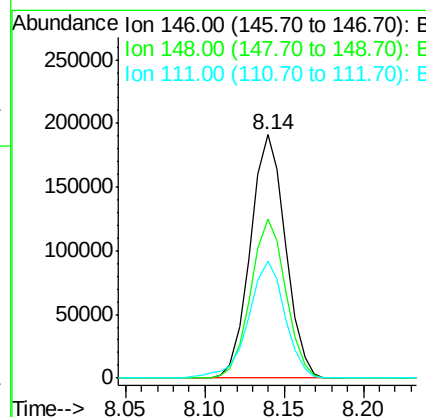
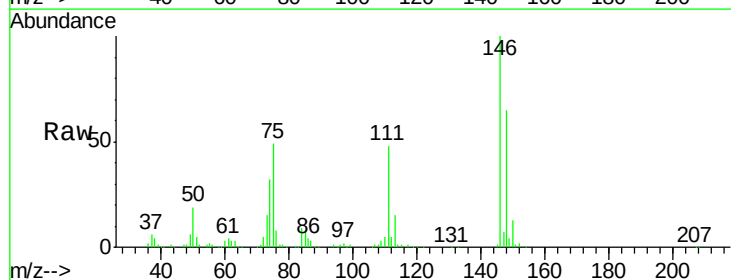
Instrument :
 BNA_M
 ClientSampleId :

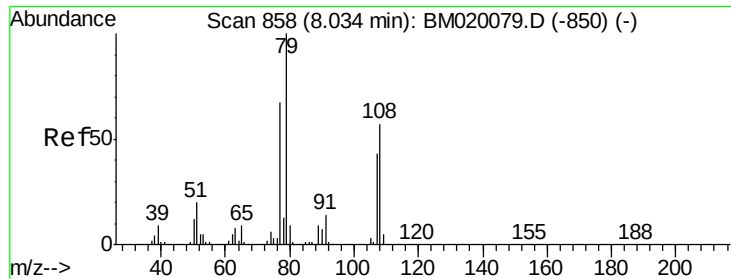
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	48.5	72.7
111	46.1	35.7	53.5



#14
 1,2-Dichlorobenzene
 Concen: 37.251 ng
 RT: 8.14 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	79.0
111	48.2	39.0	58.4

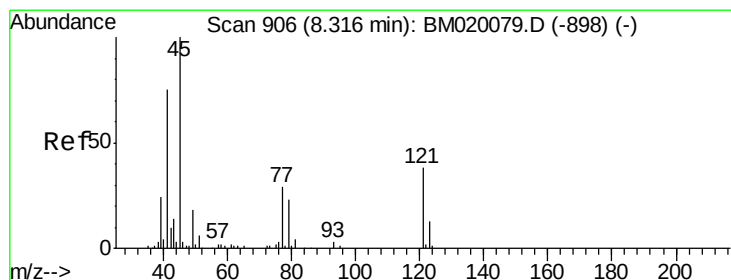
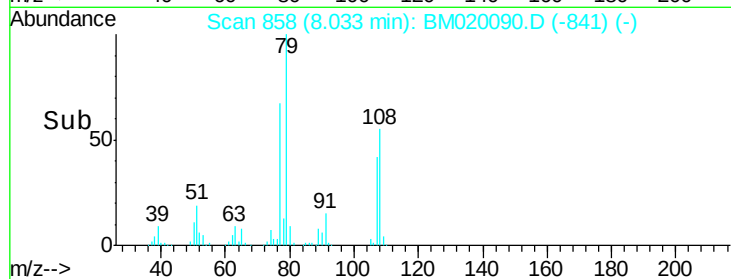
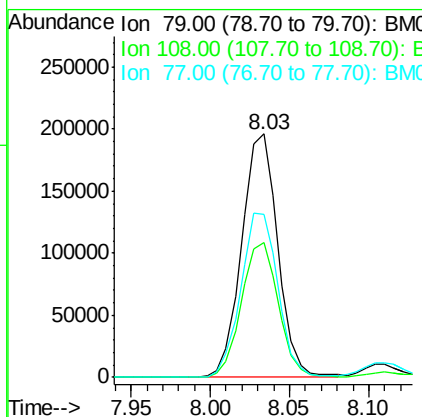
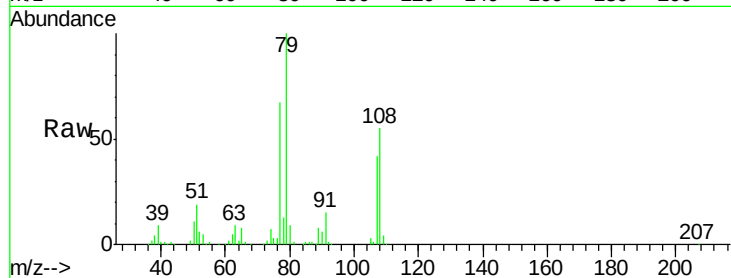




#15
Benzyl Alcohol
Concen: 36.368 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

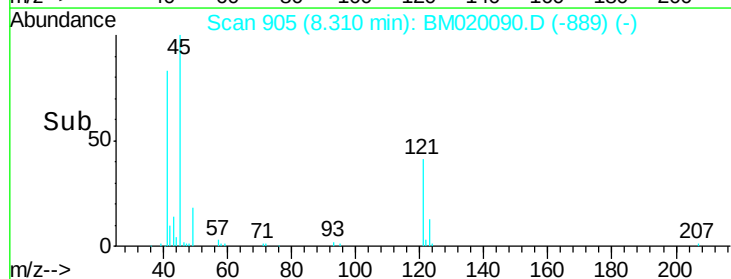
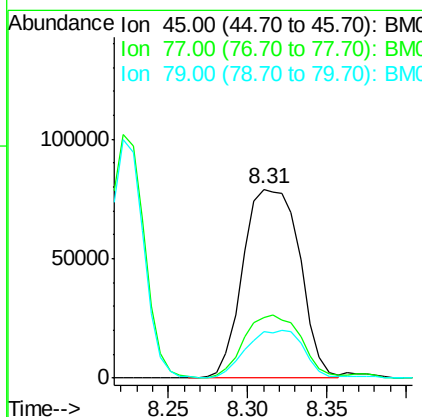
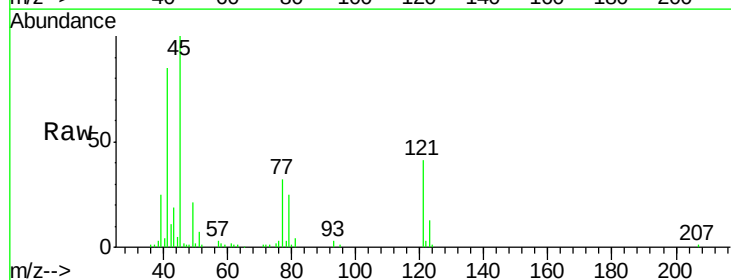
Instrument :
BNA_M
ClientSampleId :

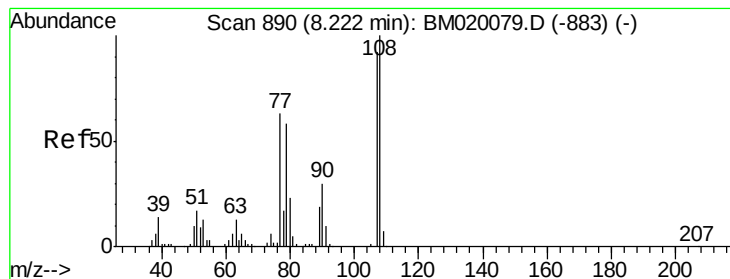
Tot Ion: 79 Resp: 310488
Ion Ratio Lower Upper
79 100
108 55.5 46.0 69.0
77 67.1 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.124 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion: 45 Resp: 196024
Ion Ratio Lower Upper
45 100
77 32.1 10.5 50.5
79 24.7 3.3 43.3

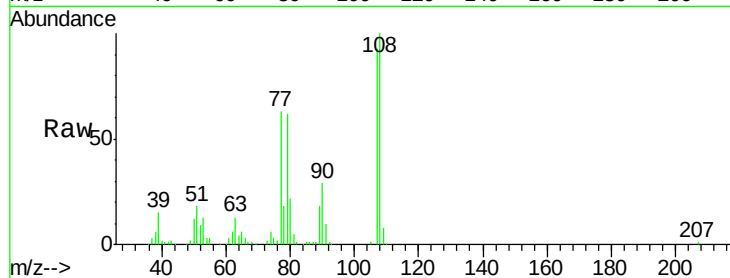




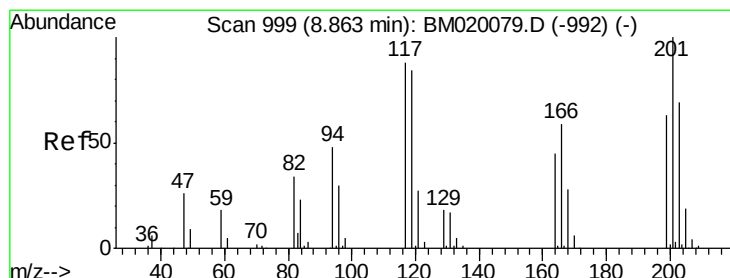
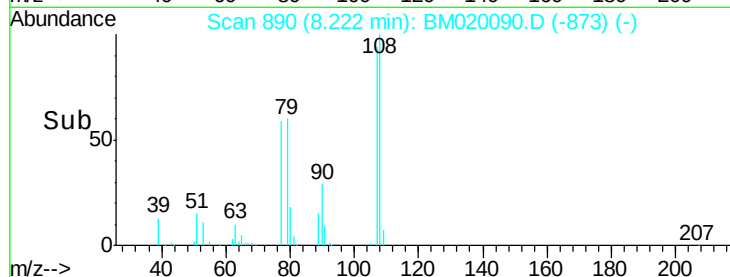
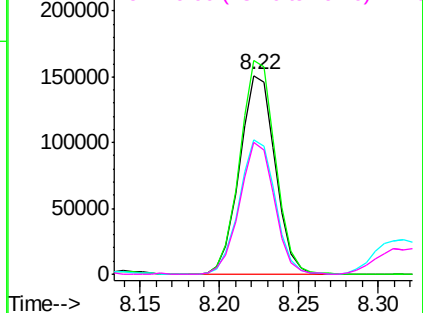
#17
2-Methylphenol
Concen: 38.247 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	234672
Ion	Ratio	Lower	Upper
107	100		
108	107.6	87.0	130.4
77	67.6	54.7	82.1
79	66.3	50.1	75.1

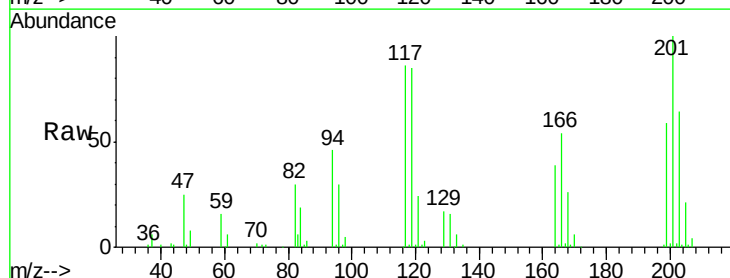


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

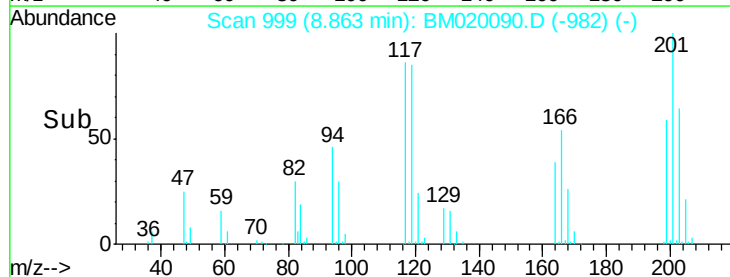
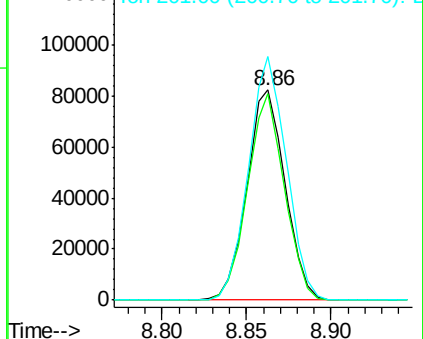


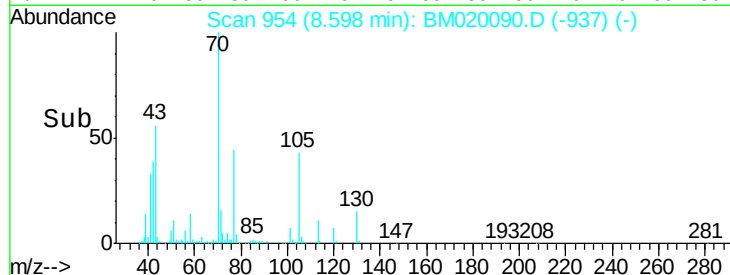
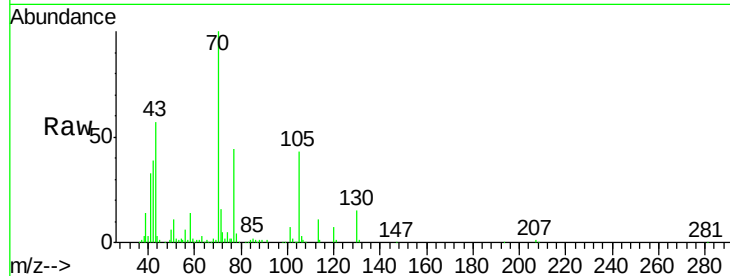
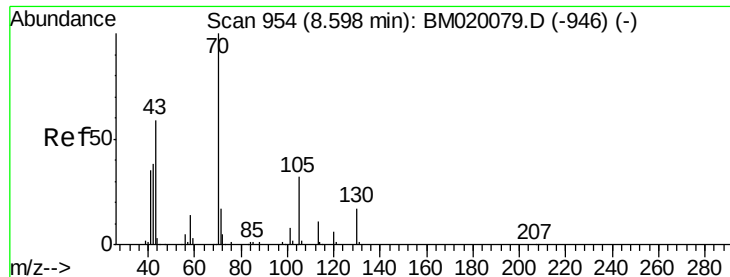
#18
Hexachloroethane
Concen: 37.532 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:	117	Resp:	129798
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
201	115.8	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

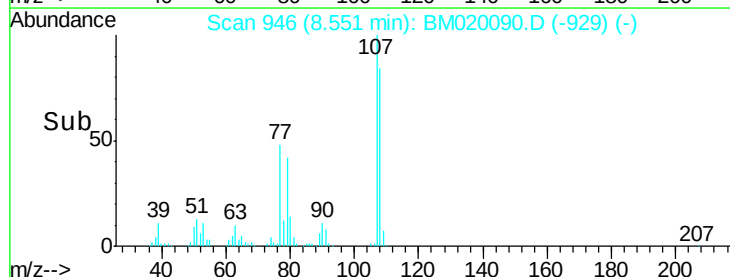
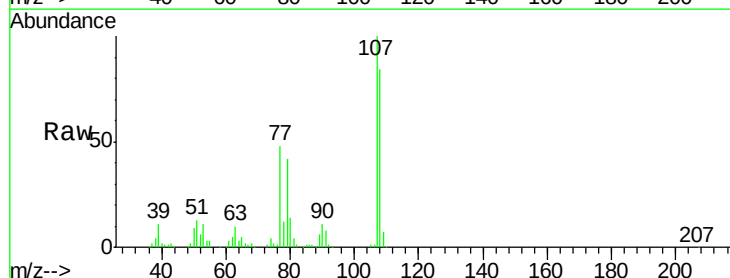
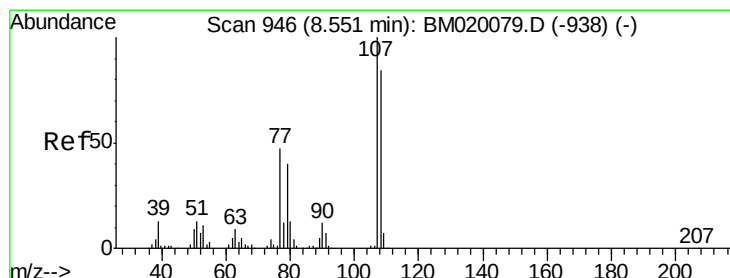
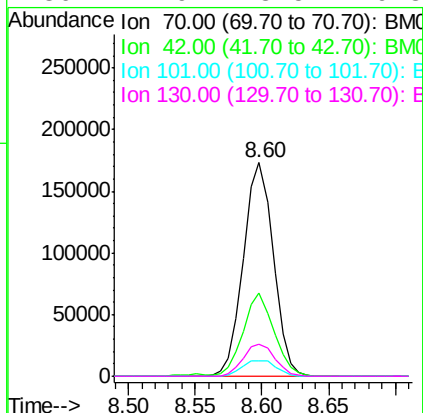




#19
n-Nitroso-di-n-propylamine
Concen: 35.528 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

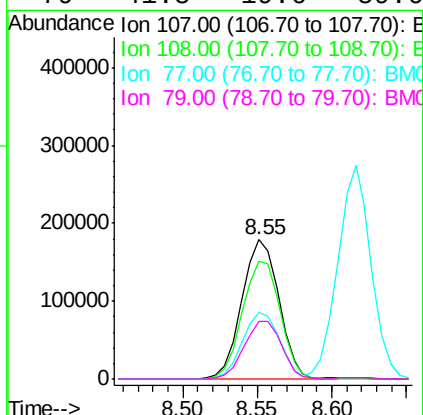
Instrument :
BNA_M
ClientSampleId :

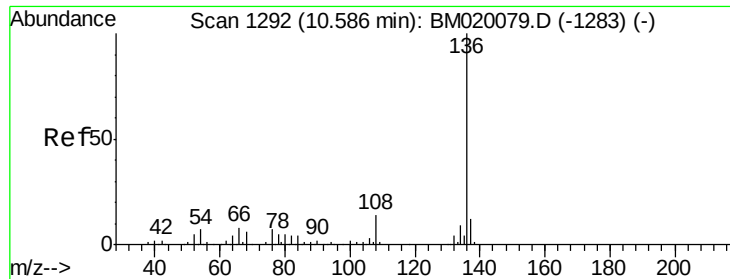
Tot Ion:	70	Resp:	269125
Ion	Ratio	Lower	Upper
70	100		
42	39.1	31.0	46.4
101	7.3	6.2	9.2
130	14.9	13.5	20.3



#20
3+4-Methylphenols
Concen: 37.846 ng
RT: 8.55 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:	107	Resp:	308625
Ion	Ratio	Lower	Upper
107	100		
108	84.2	64.4	104.4
77	47.7	27.2	67.2
79	41.5	19.6	59.6

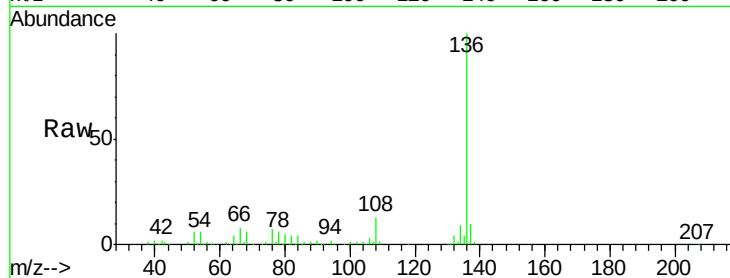




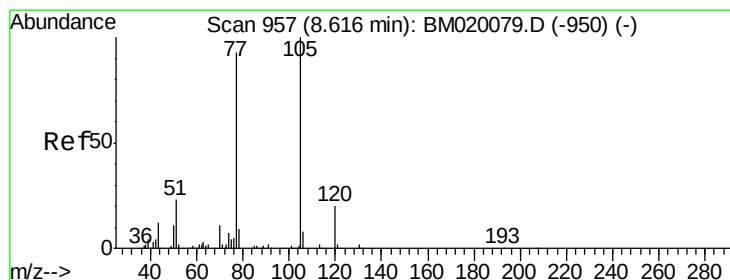
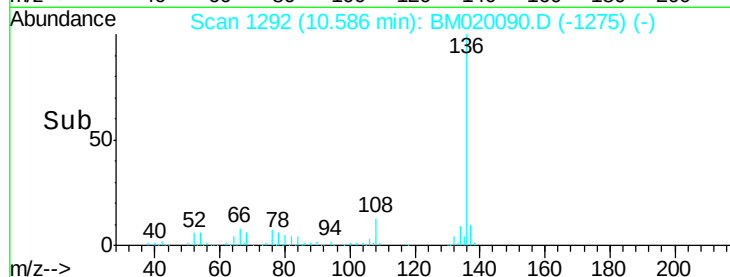
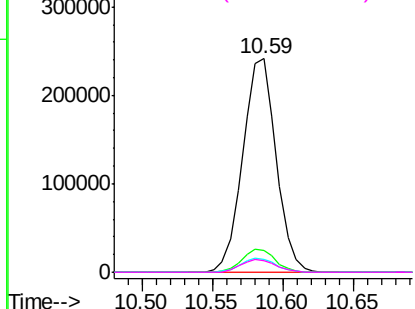
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	399307
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.6 14.4
54	6.3	5.5 8.3
68	5.5	4.6 6.8

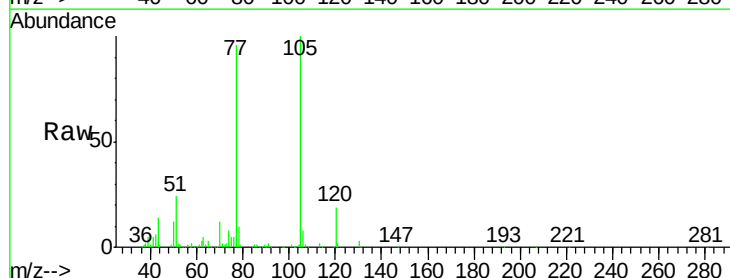


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

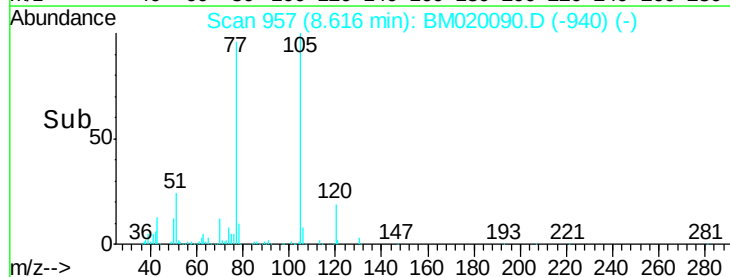
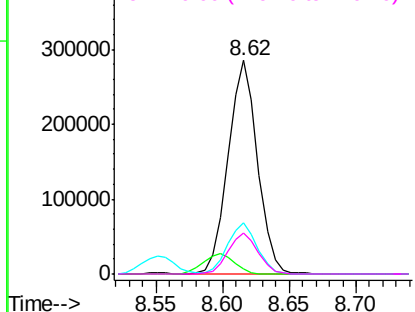


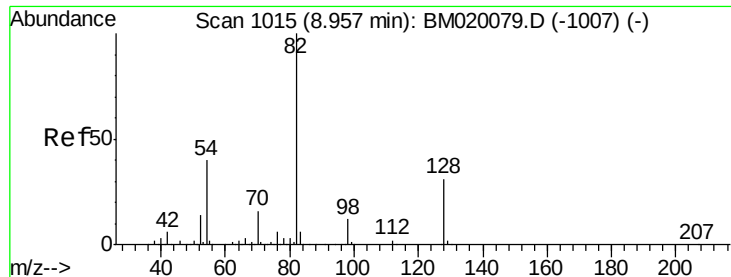
#22
Acetophenone
Concen: 40.205 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:105	Resp:	438767
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.2 3.2#
51	24.2	19.3 28.9
120	19.2	16.2 24.4



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

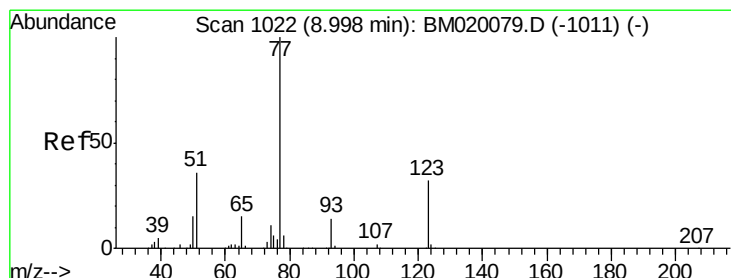
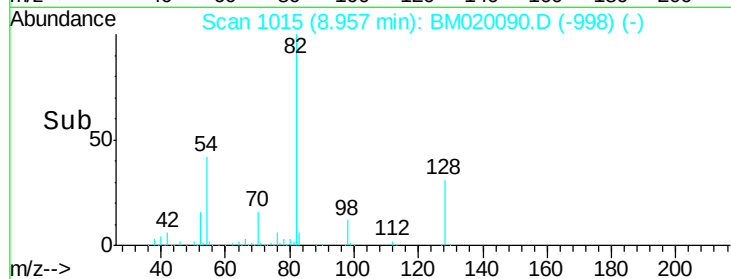
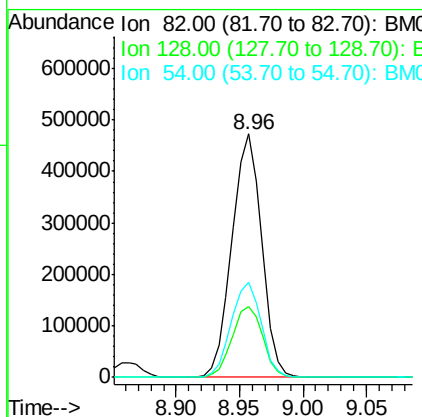
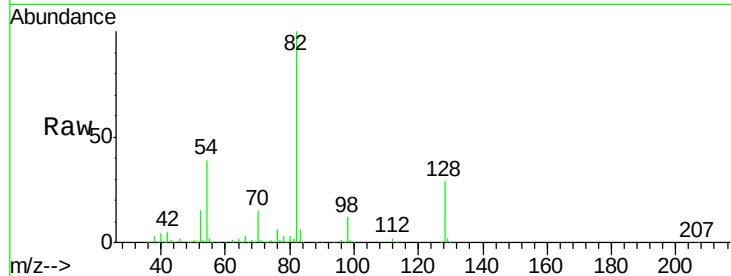




#23
 Nitrobenzene-d5
 Concen: 75.624 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

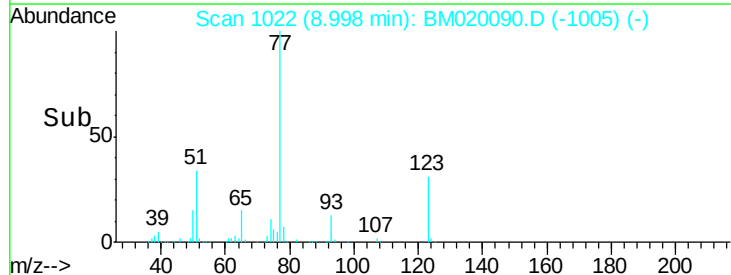
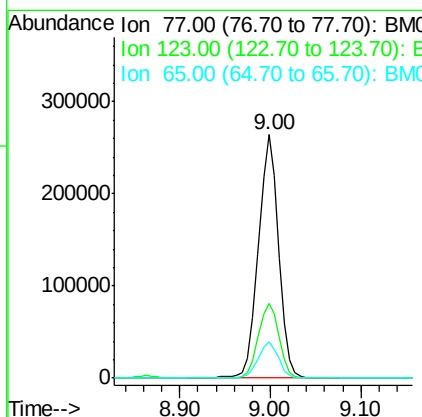
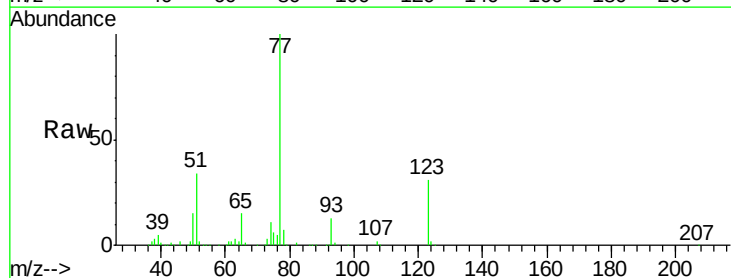
Instrument :
 BNA_M
 ClientSampleId :

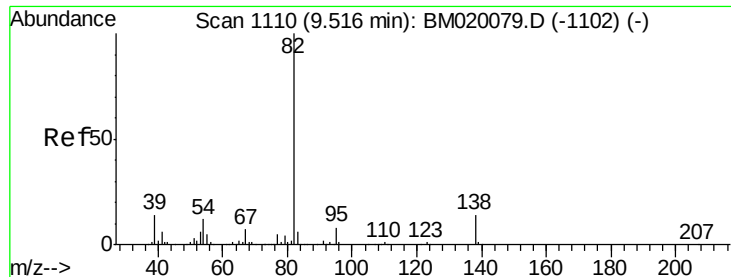
Tot Ion	82	Resp	764871
Ion Ratio	100	Lower	Upper
128	29.2	25.2	37.8
54	39.3	31.9	47.9



#24
 Nitrobenzene
 Concen: 39.062 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	77	Resp	409632
Ion Ratio	100	Lower	Upper
123	30.6	25.5	38.3
65	14.9	11.8	17.6





#25

Isophorone

Concen: 37.478 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampled :

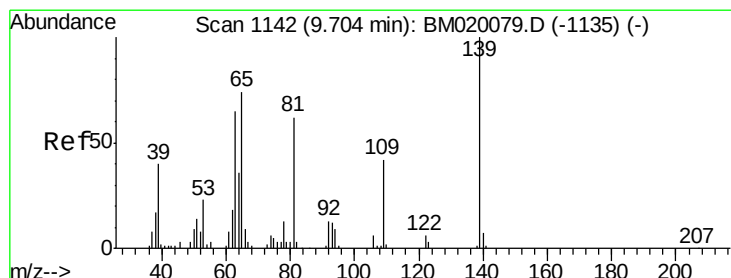
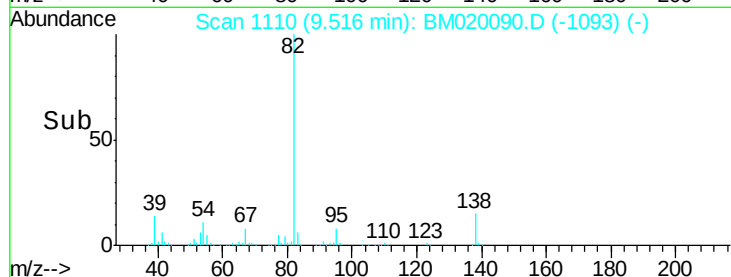
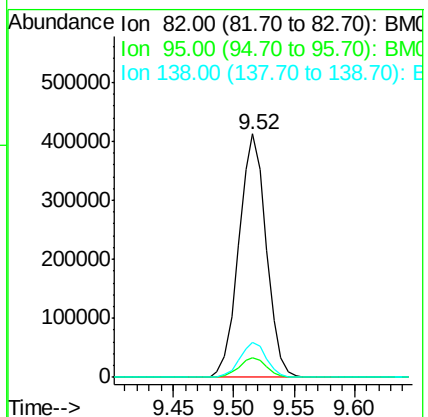
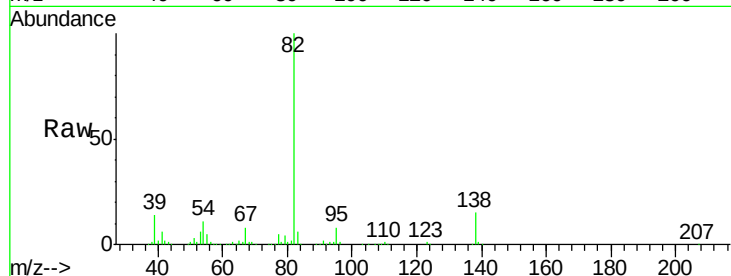
Tot Ion: 82 Resp: 653674

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 14.6 11.1 16.7



#26

2-Nitrophenol

Concen: 39.429 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

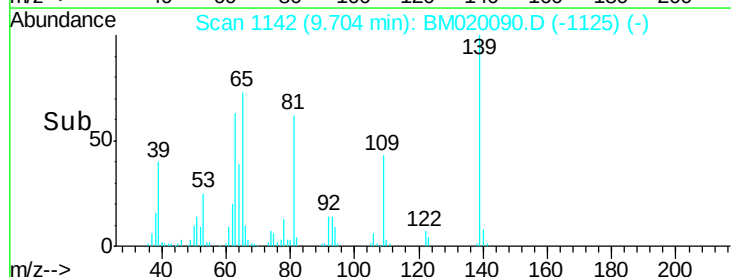
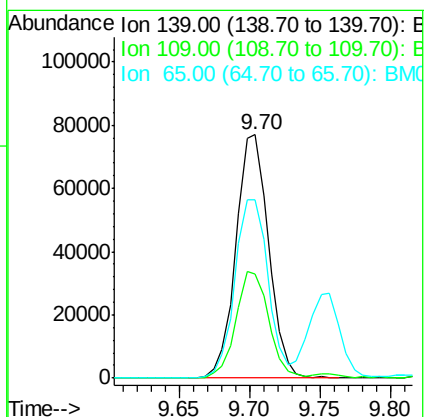
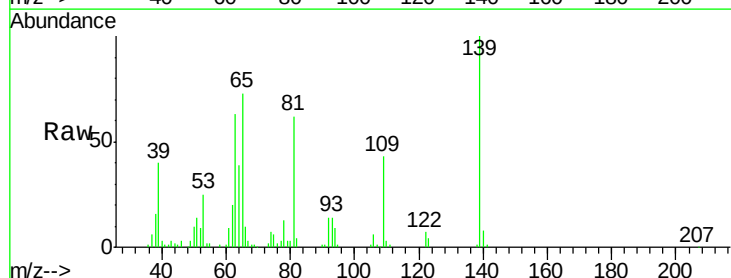
Tgt Ion: 139 Resp: 124829

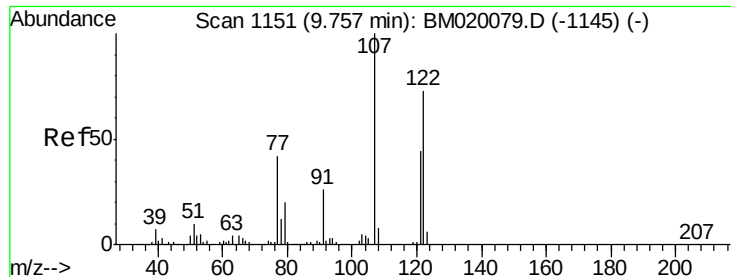
Ion Ratio Lower Upper

139 100

109 42.8 33.7 50.5

65 73.5 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 44.797 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

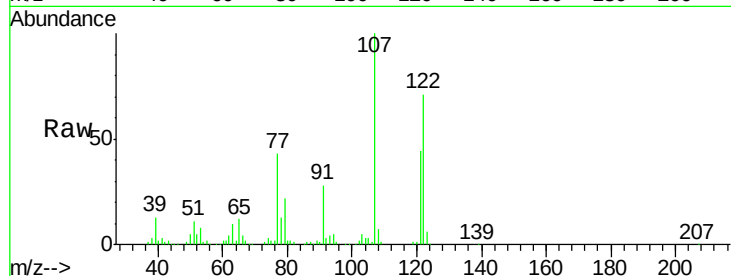
Tot Ion:122 Resp: 236116

Ion Ratio Lower Upper

122 100

107 140.0 108.6 162.8

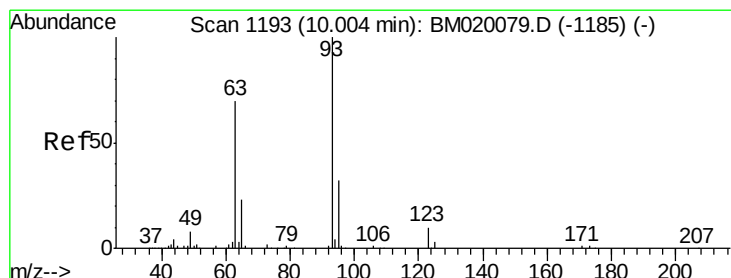
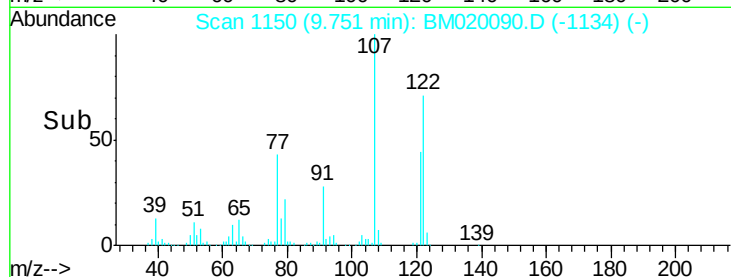
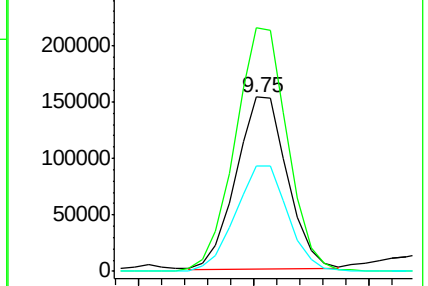
121 60.9 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.077 ng

RT: 10.00 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

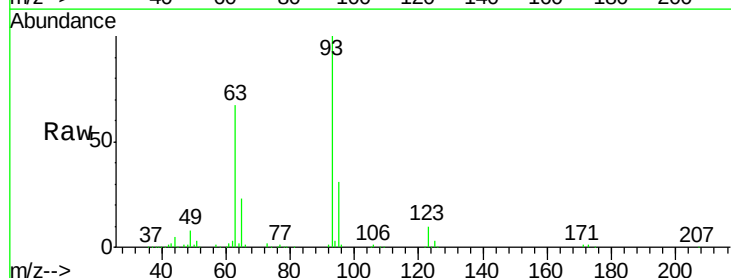
Tgt Ion: 93 Resp: 361709

Ion Ratio Lower Upper

93 100

95 31.4 25.5 38.3

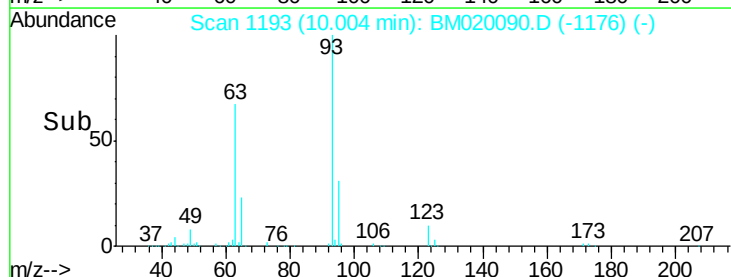
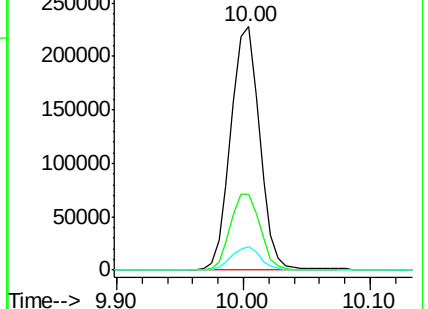
123 9.7 7.6 11.4

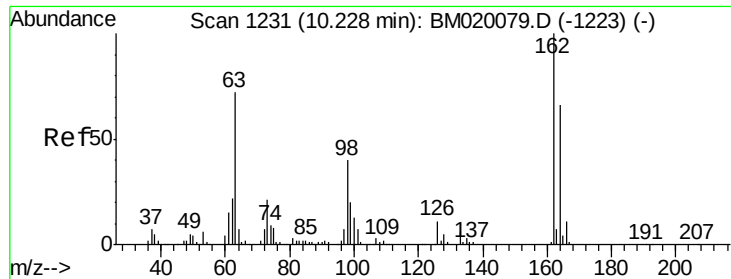


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

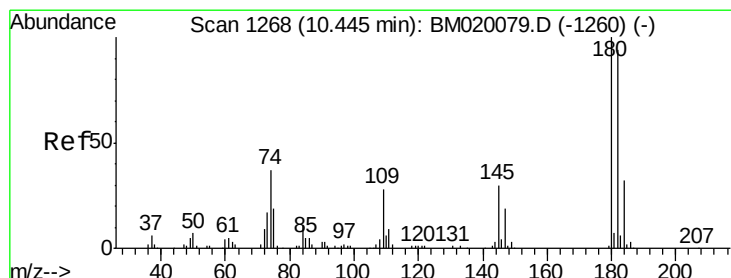
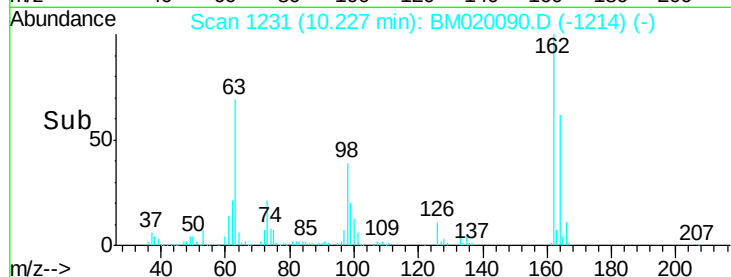
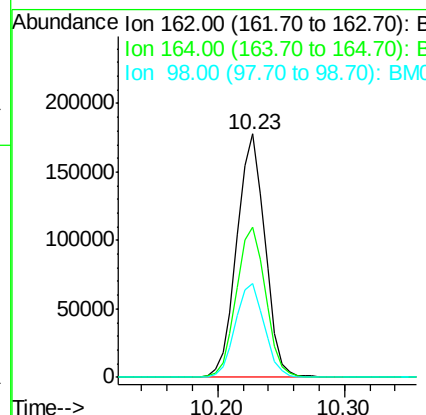
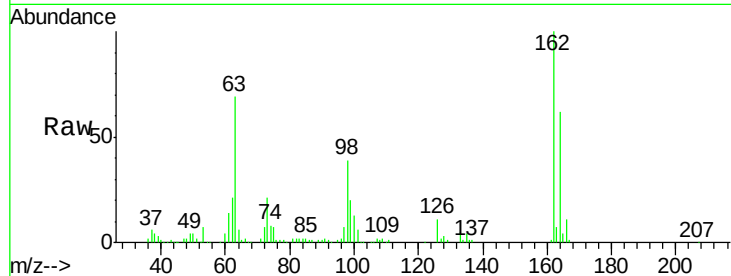




#29
 2,4-Dichlorophenol
 Concen: 41.028 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

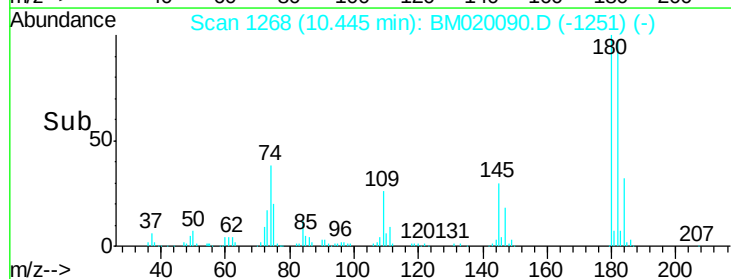
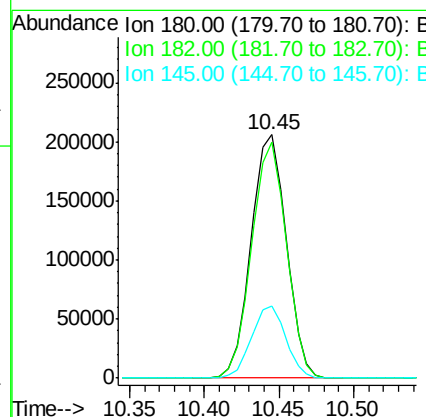
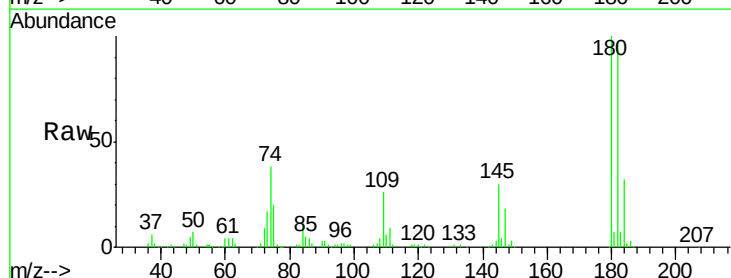
Instrument :
 BNA_M
 ClientSampled :

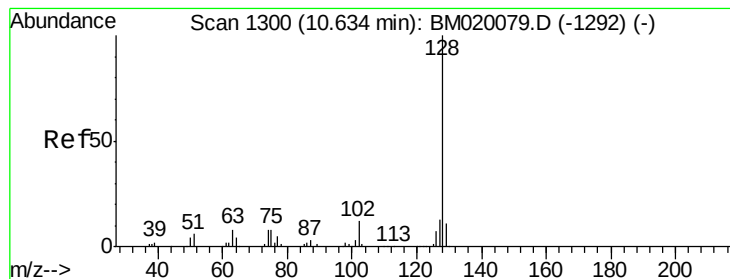
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	45.6	85.6
98	38.6	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.036 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.4	113.0
145	29.5	23.8	35.8





#31

Naphthalene

Concen: 39.149 ng

RT: 10.63 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

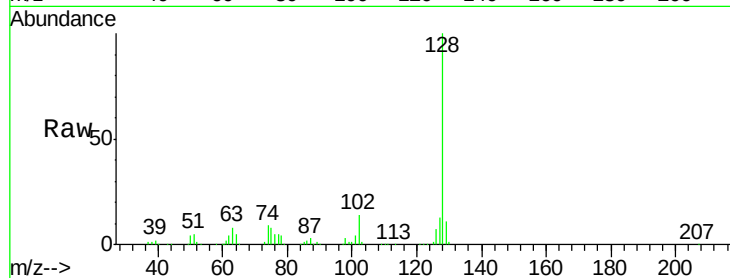
Tot Ion:128 Resp: 811229

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

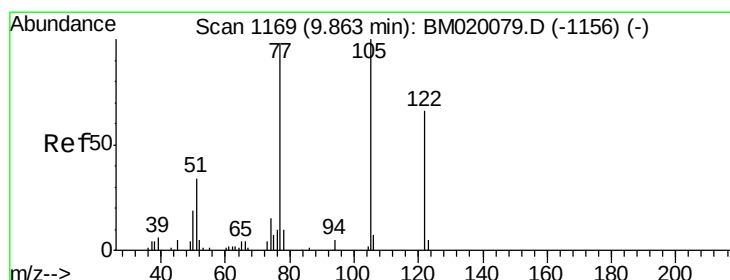
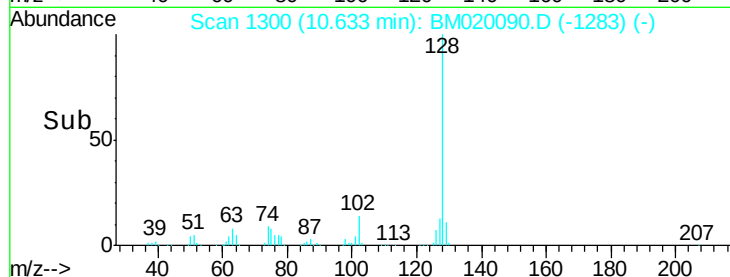
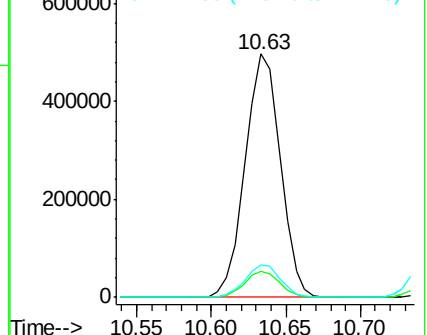
127 13.1 10.4 15.6



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: 35.876 ng

RT: 9.87 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

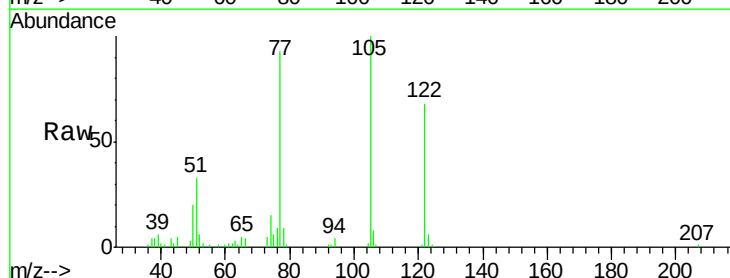
Tgt Ion:122 Resp: 127281

Ion Ratio Lower Upper

122 100

105 146.5 122.5 162.5

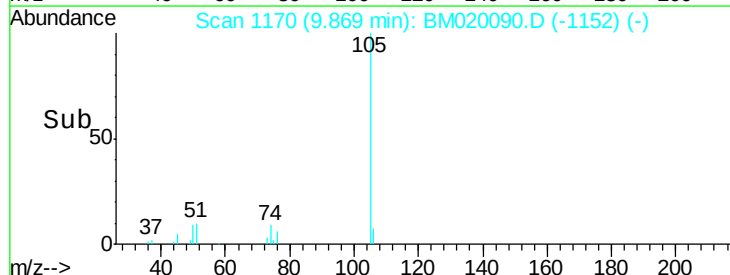
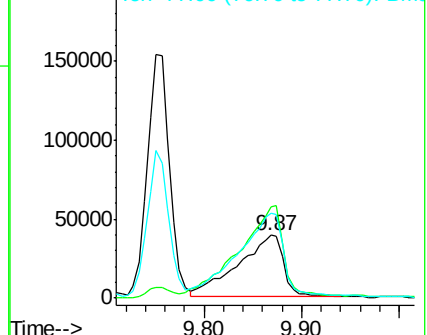
77 135.9 123.3 163.3

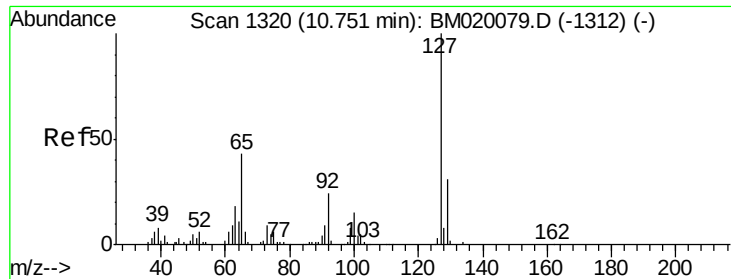


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

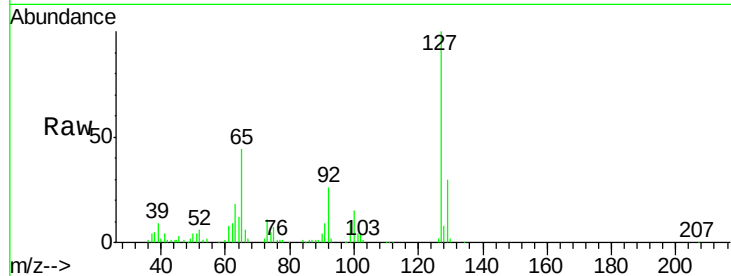




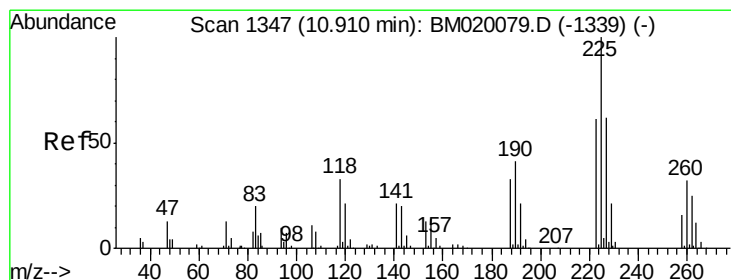
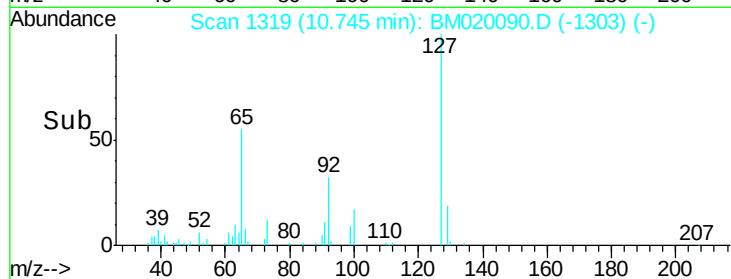
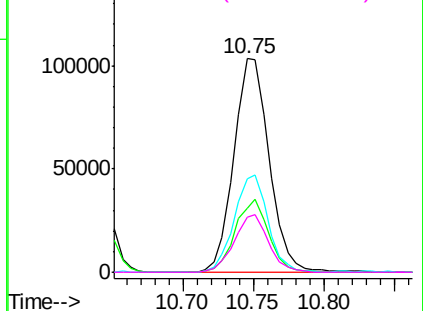
#33
4-Chloroaniline
Concen: 21.196 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	180776
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.7	37.1
65	43.9	34.6	52.0
92	25.9	19.5	29.3

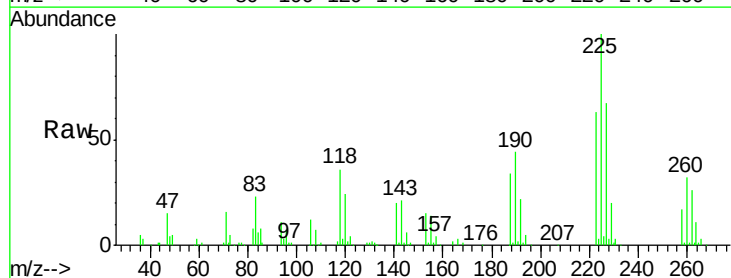


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

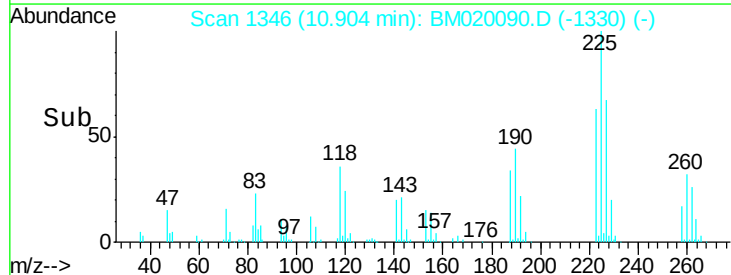
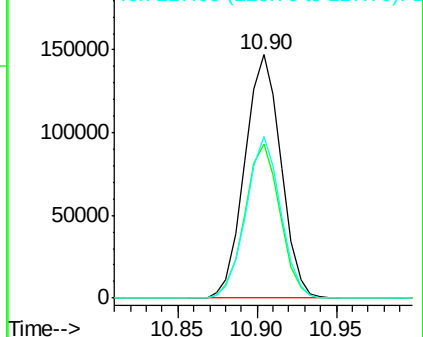


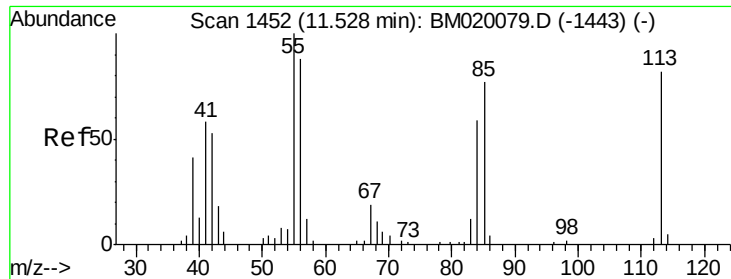
#34
Hexachlorobutadiene
Concen: 40.256 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:	225	Resp:	232886
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.9	73.3
227	66.6	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

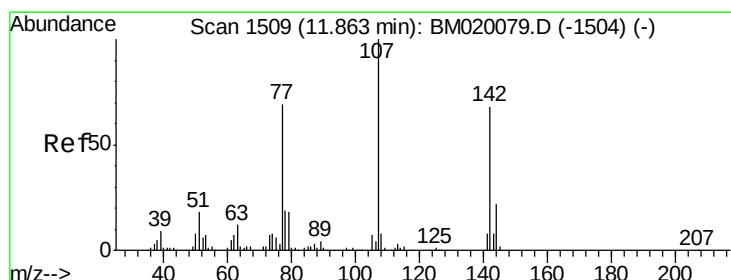
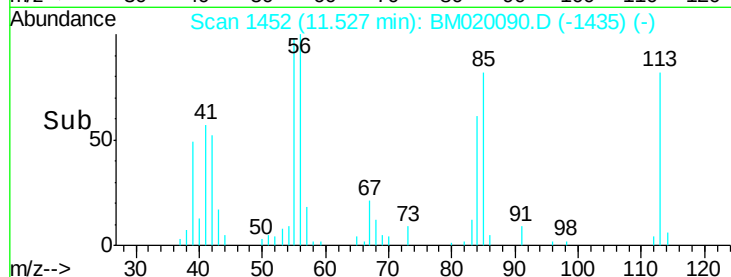
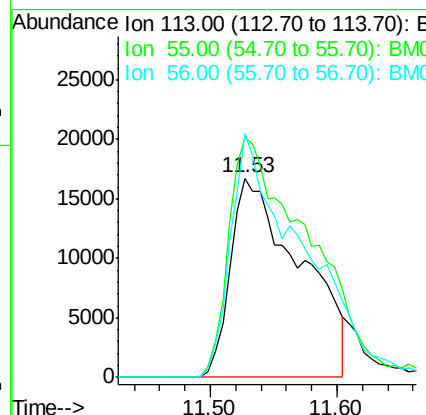
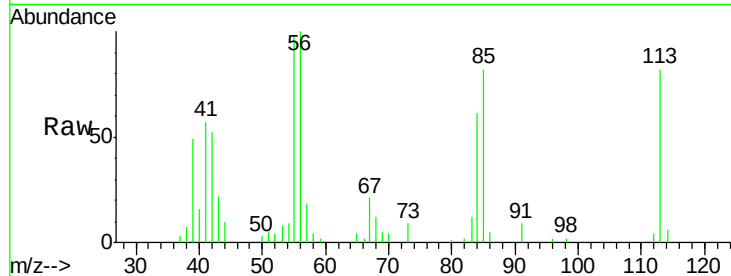




#35
 Caprolactam
 Concen: 32.132 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

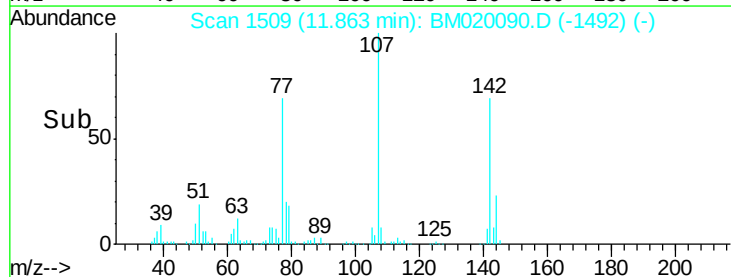
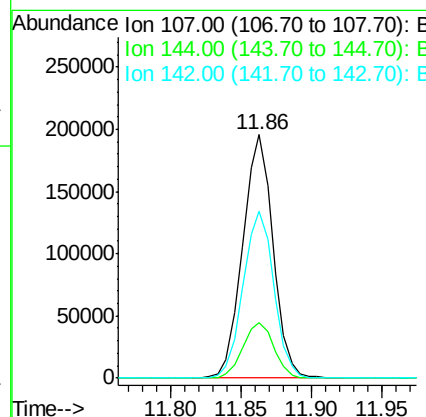
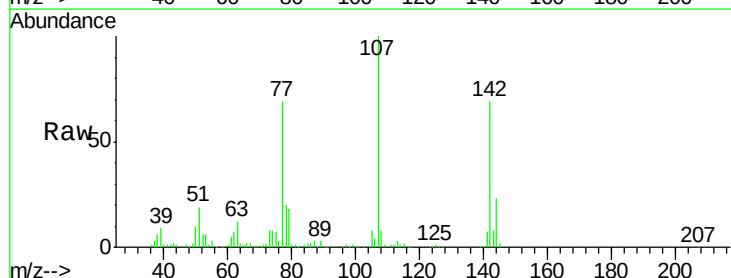
Instrument :
 BNA_M
 ClientSampleId :

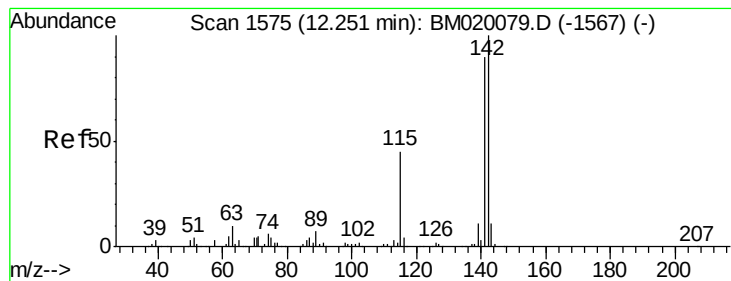
Tot Ion:113 Resp: 63858
 Ion Ratio Lower Upper
 113 100
 55 120.4 102.5 142.5
 56 122.5 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.620 ng
 RT: 11.86 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:107 Resp: 293827
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.6 26.4
 142 68.5 54.6 82.0

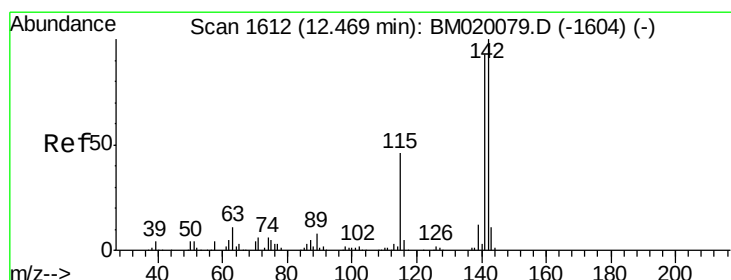
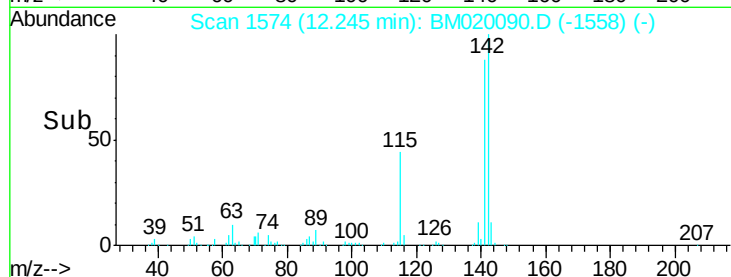
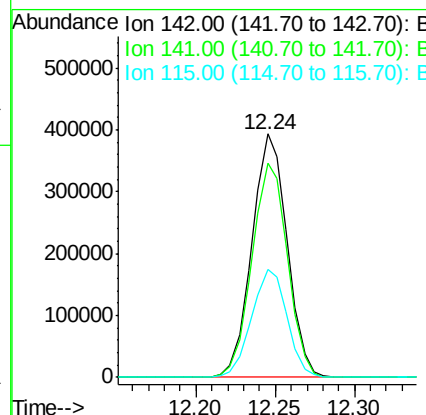
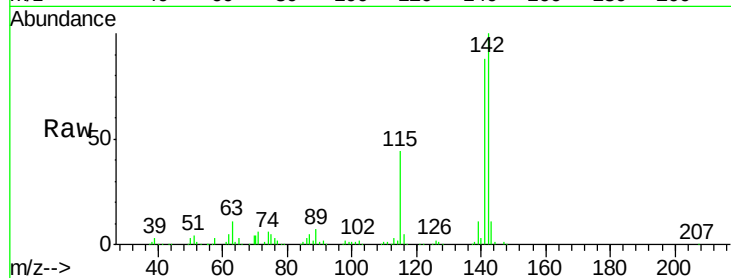




#37
 2-Methylnaphthalene
 Concen: 40.226 ng
 RT: 12.24 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

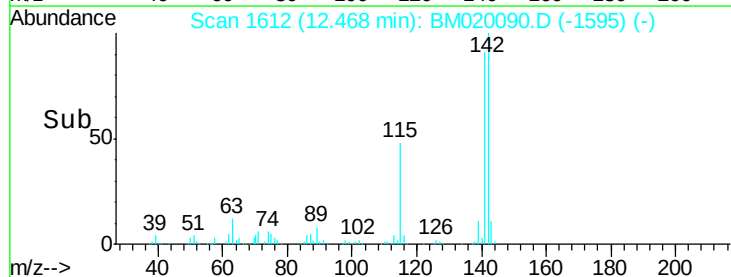
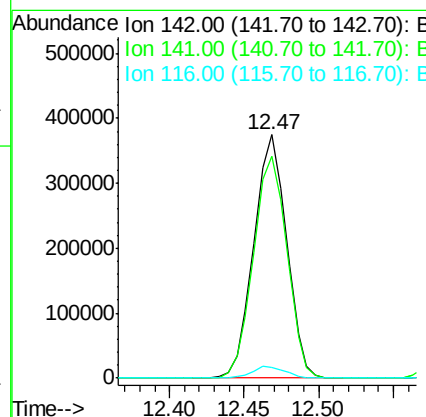
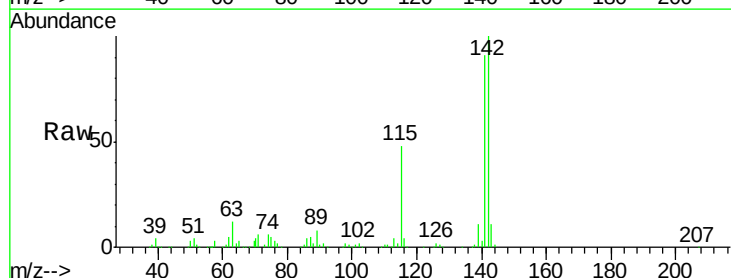
Instrument :
 BNA_M
 ClientSampleId :

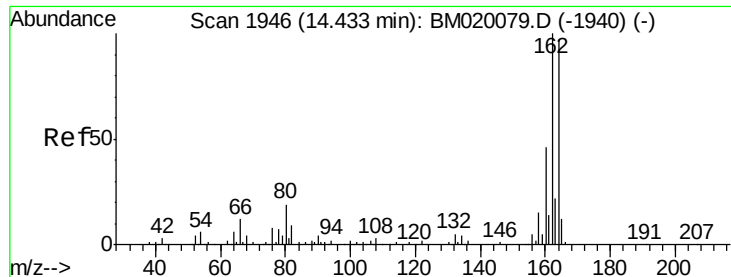
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	44.2	35.8	53.6



#38
 1-Methylnaphthalene
 Concen: 38.553 ng
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.8	112.2
116	4.4	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

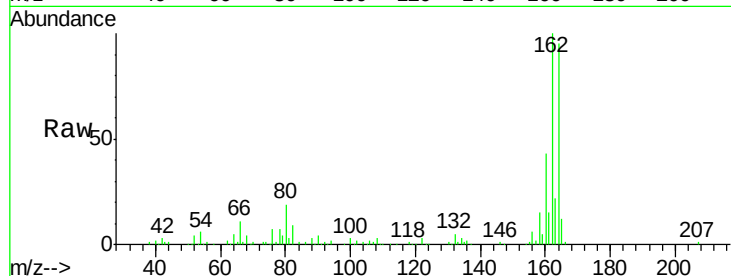
Tot Ion:164 Resp: 247216

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

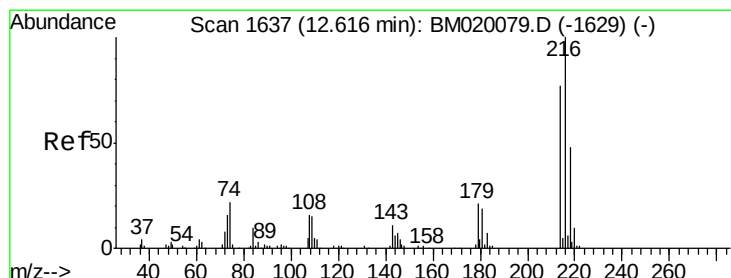
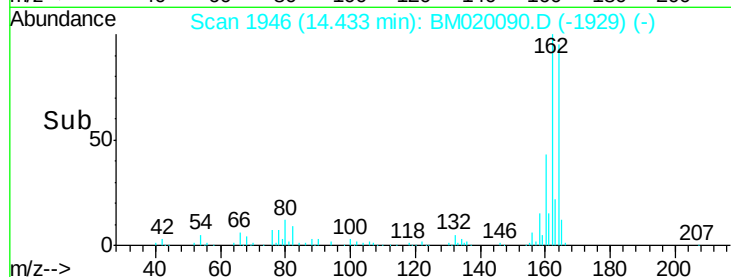
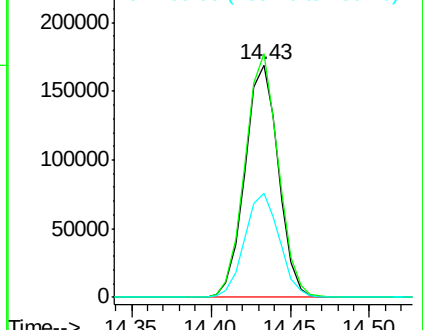
160 44.5 37.6 56.4



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: 41.135 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:216 Resp: 397860

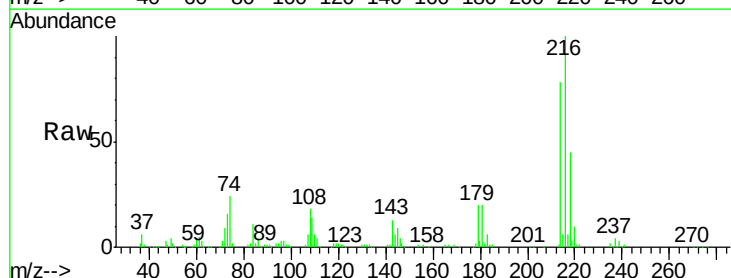
Ion Ratio Lower Upper

216 100

214 77.6 62.6 94.0

179 20.4 17.1 25.7

108 22.0 15.8 23.6

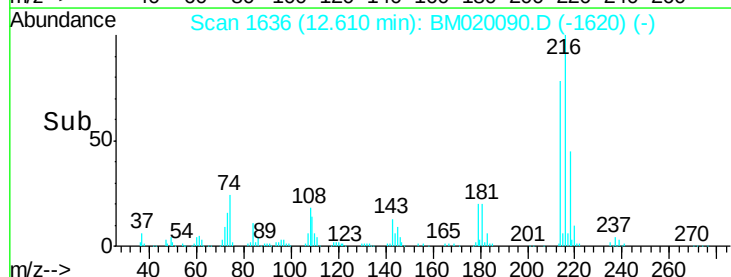
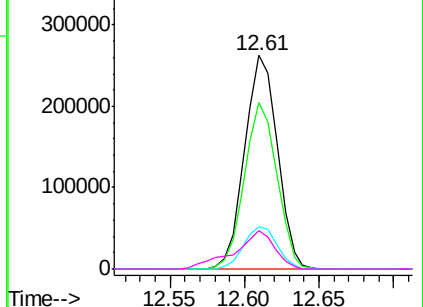


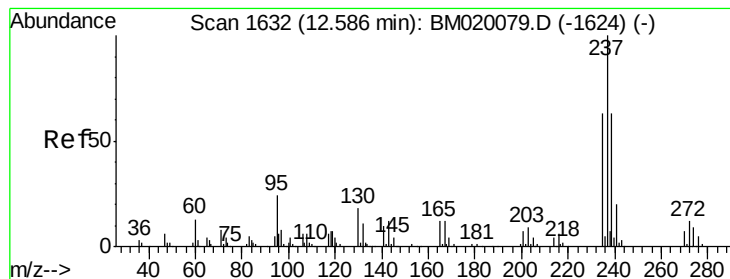
Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.781 ng

RT: 12.59 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

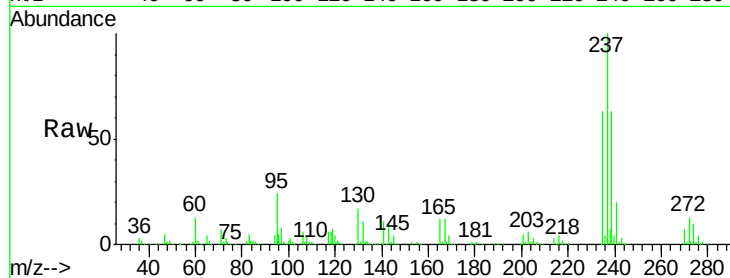
Tot Ion:237 Resp: 522686

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

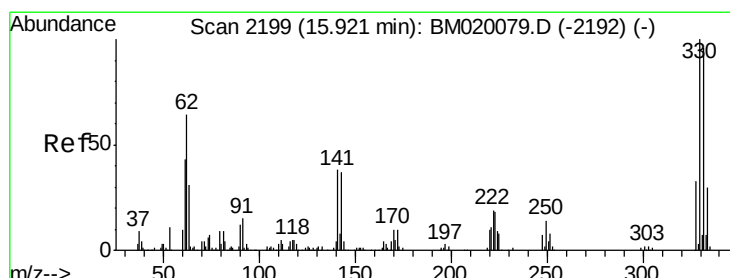
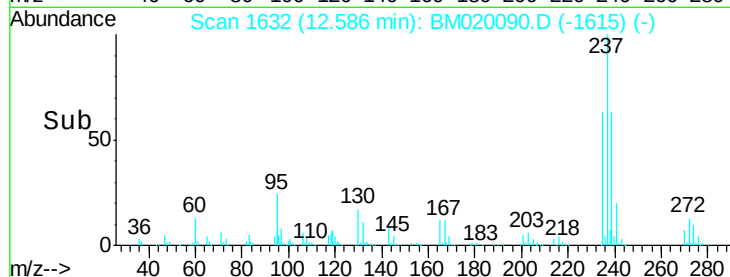
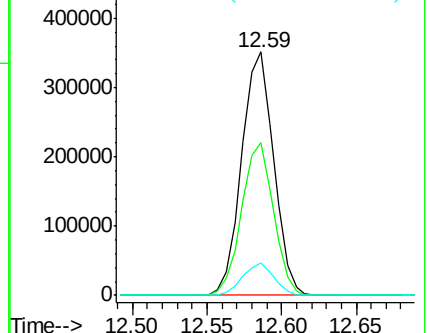
272 13.4 0.0 31.7



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: 137.007 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

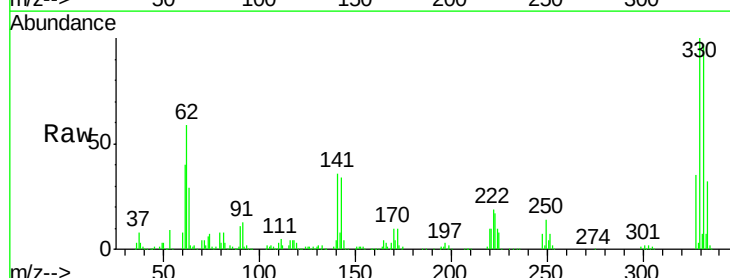
Tgt Ion:330 Resp: 525730

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

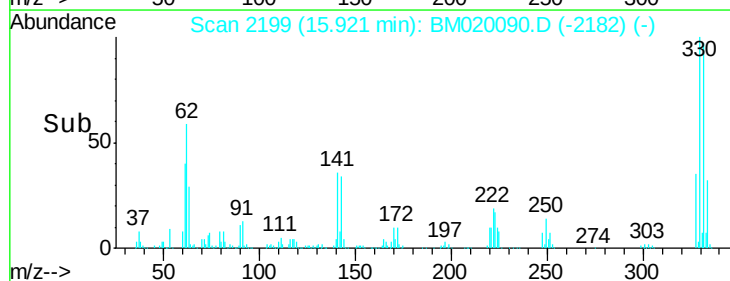
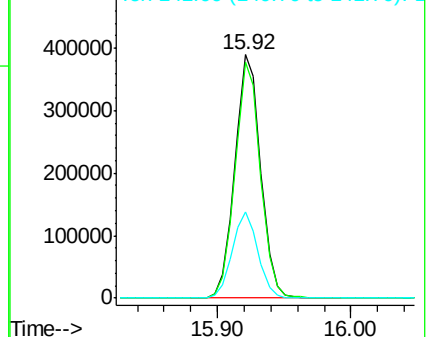
141 35.5 29.2 43.8

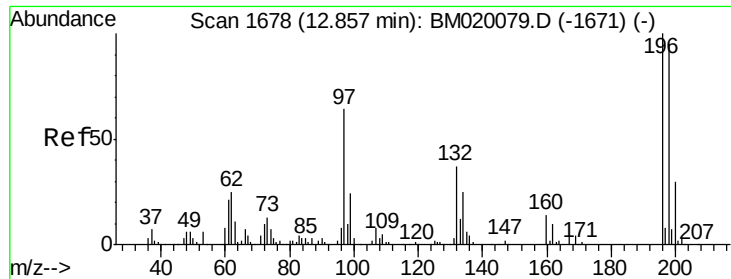


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

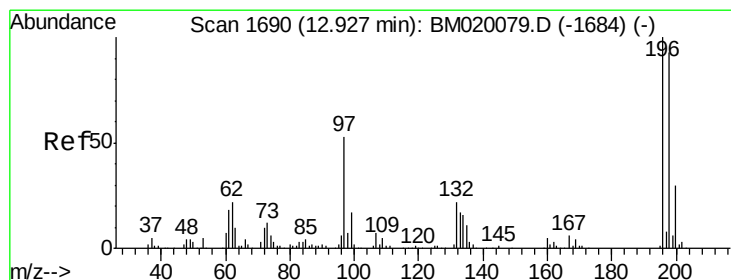
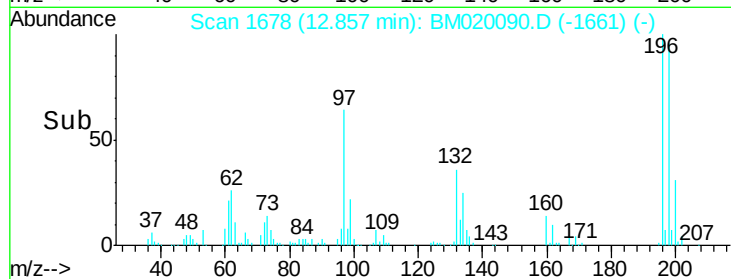
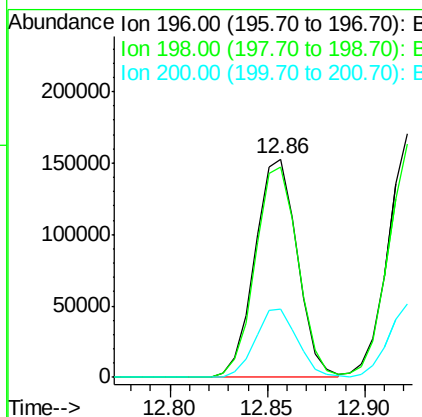
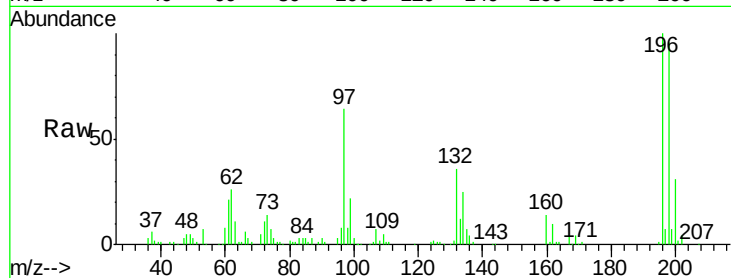




#43
 2,4,6-Trichlorophenol
 Concen: 41.859 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

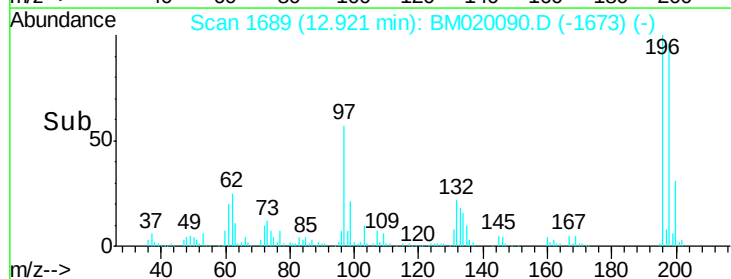
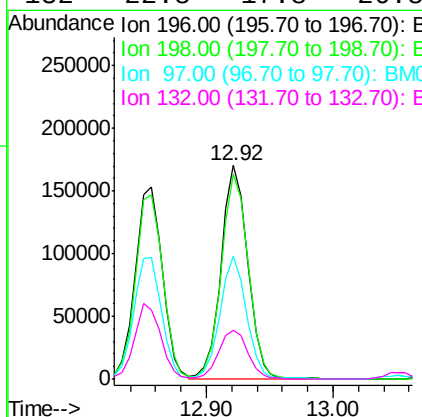
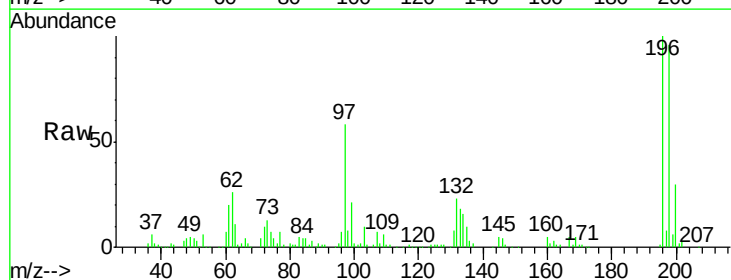
Instrument :
 BNA_M
 ClientSampleId :

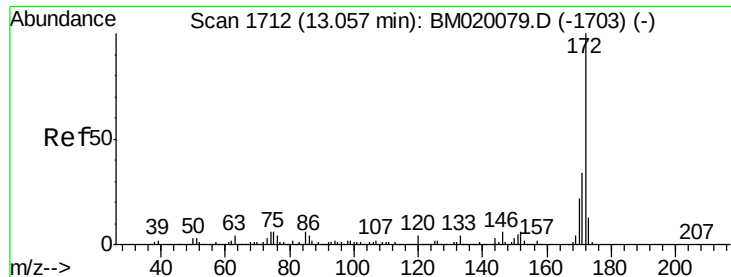
Tot Ion:196 Resp: 230092
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.2
 200 31.1 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.359 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:196 Resp: 247836
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.7 112.1
 97 57.7 42.2 63.4
 132 22.8 17.8 26.8



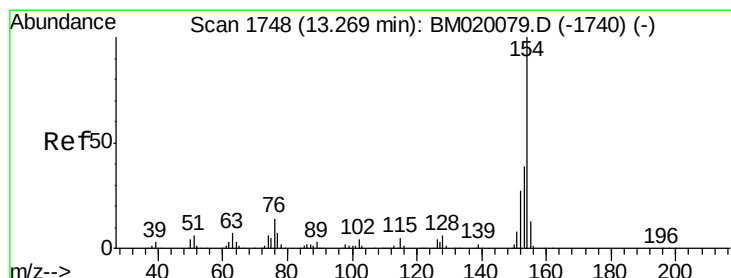
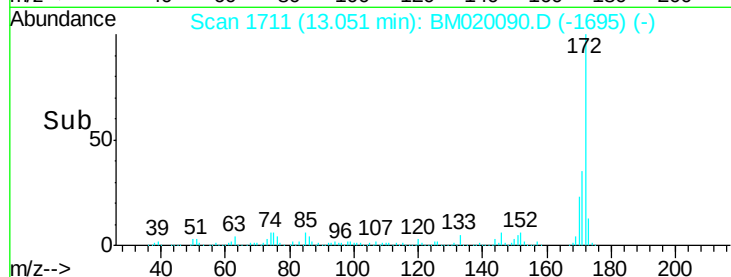
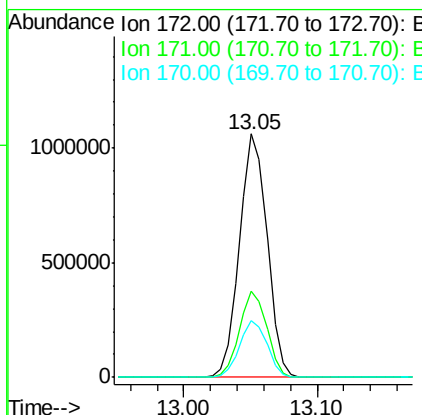
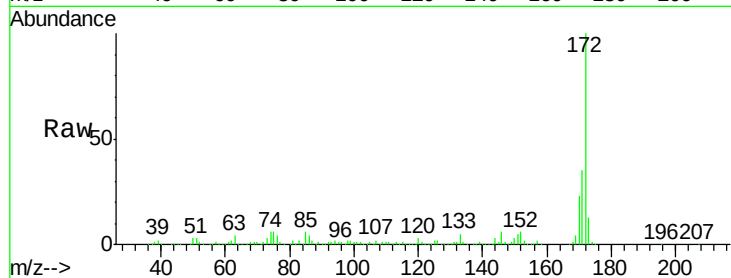


#45
 2-Fluorobiphenyl
 Concen: 75.560 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1518219

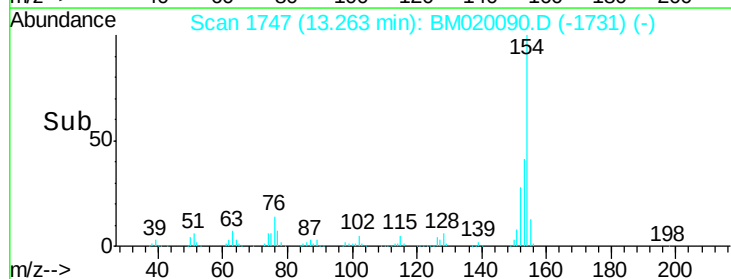
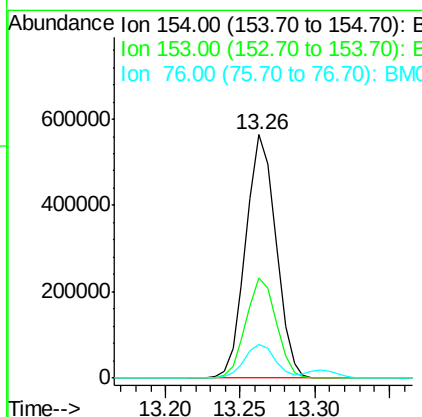
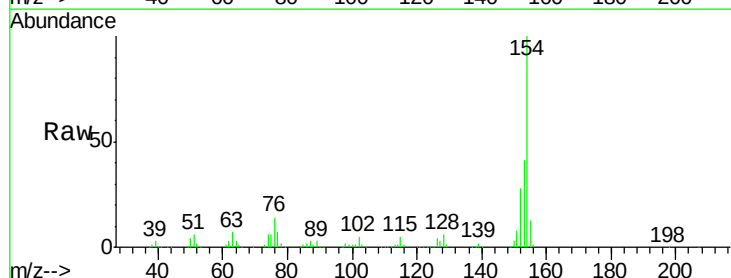
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.2	17.9	26.9

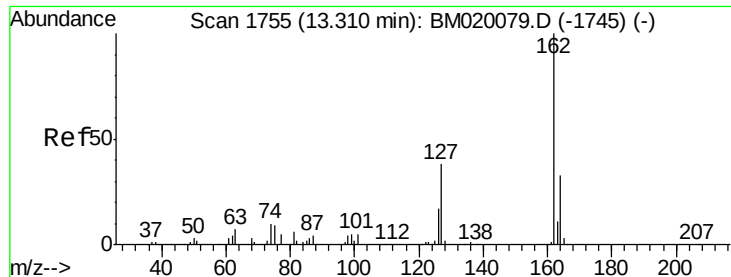


#46
 1,1'-Biphenyl
 Concen: 38.921 ng
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:154 Resp: 791974

Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.4	59.4
76	14.0	0.0	34.5

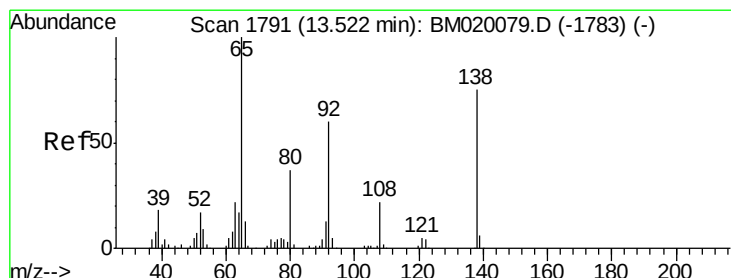
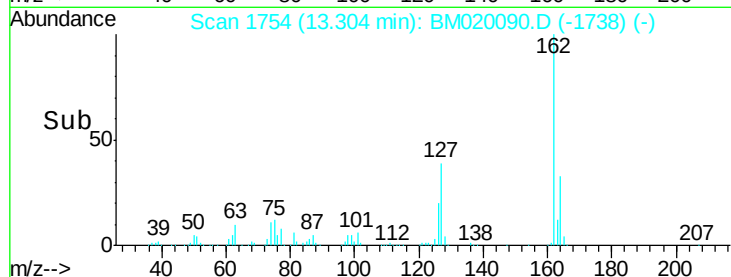
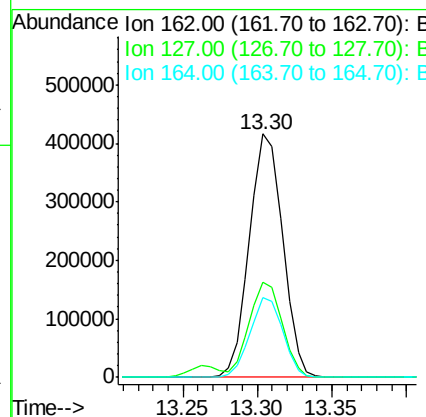
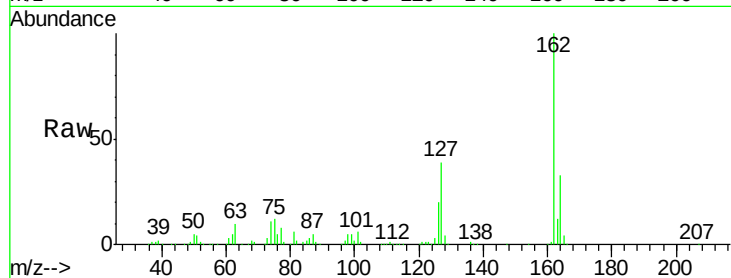




#47
 2-Chloronaphthalene
 Concen: 39.568 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

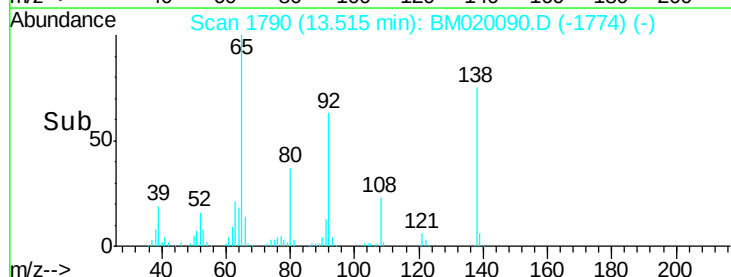
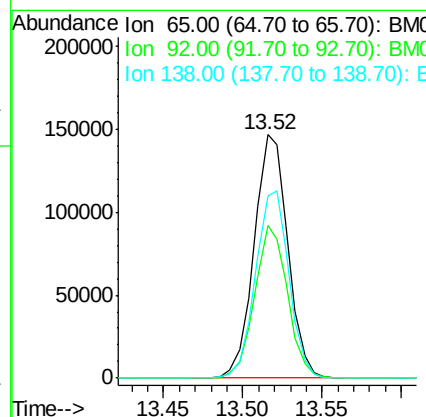
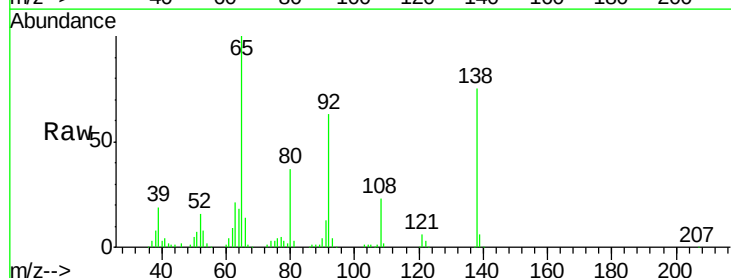
Instrument :
 BNA_M
 ClientSampled :

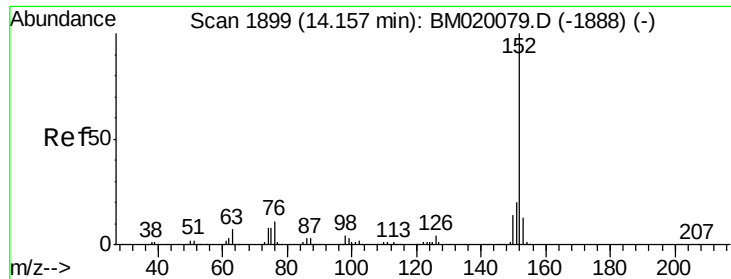
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	32.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 37.506 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	48.2	72.4
138	74.6	60.3	90.5





#49

Acenaphthylene

Concen: 37.293 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

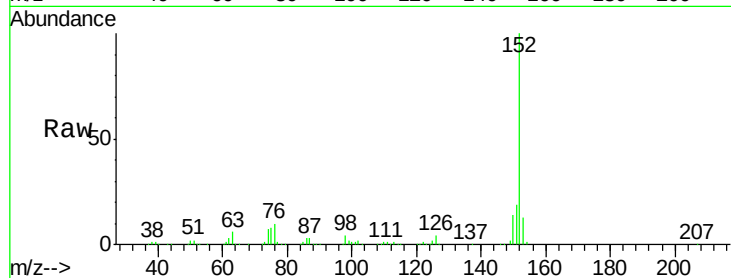
Tot Ion:152 Resp: 969647

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	13.1	10.6	16.0

152 100

151 19.2 16.2 24.2

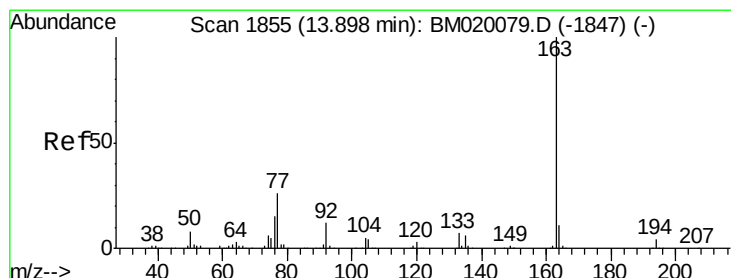
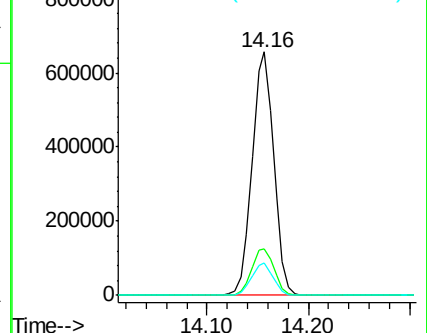
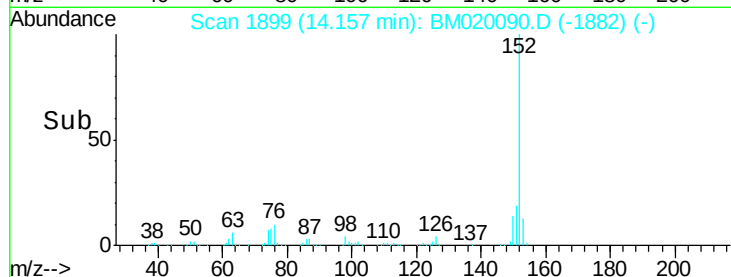
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.670 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

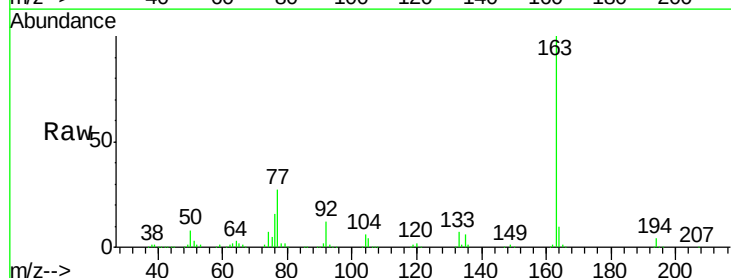
Tgt Ion:163 Resp: 791499

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.1	8.4	12.6

163 100

194 4.1 3.6 5.4

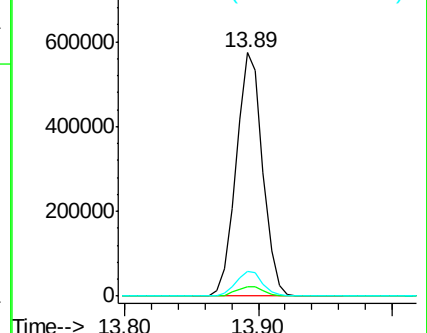
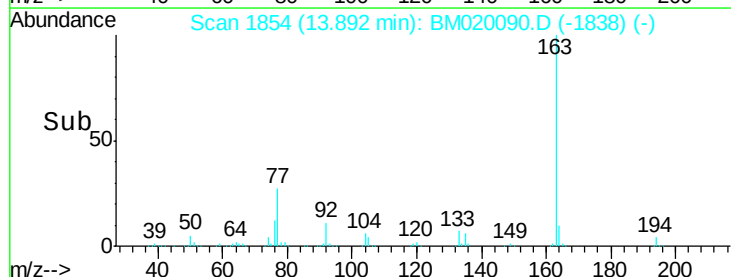
164 10.1 8.4 12.6

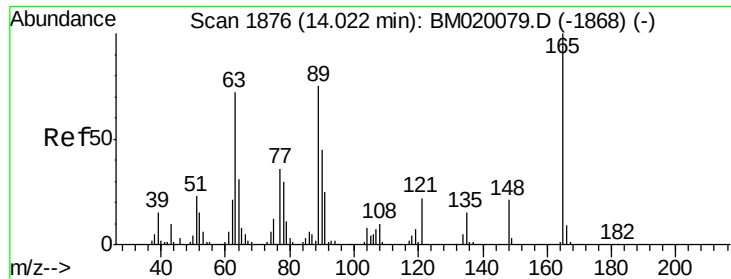


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.591 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

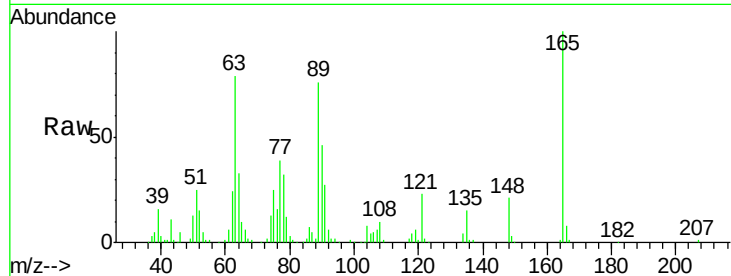
Tot Ion:165 Resp: 166356

Ion Ratio Lower Upper

165 100

63 78.6 60.3 90.5

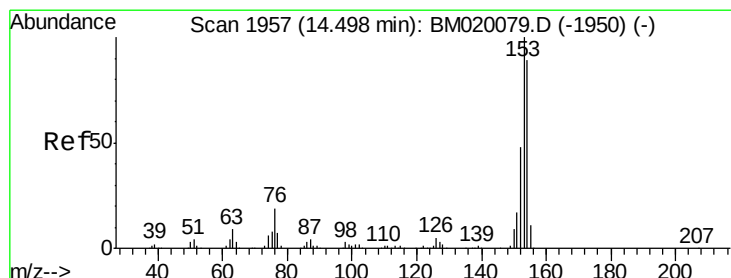
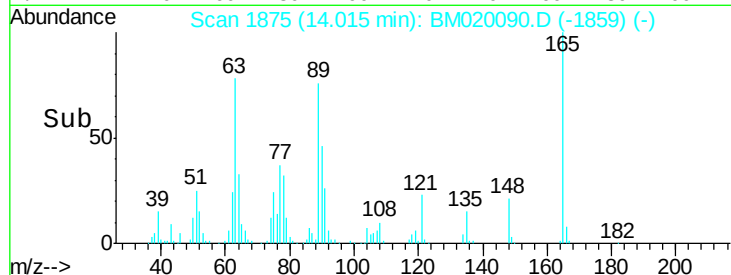
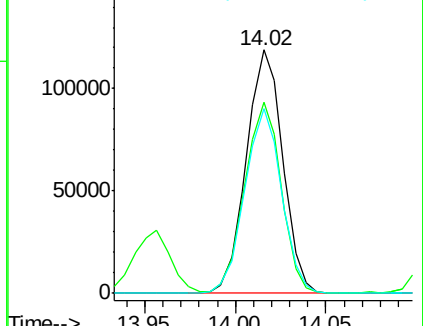
89 75.7 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 38.522 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

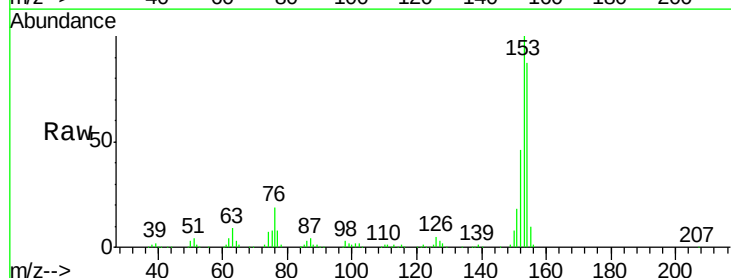
Tgt Ion:154 Resp: 574369

Ion Ratio Lower Upper

154 100

153 115.3 90.2 135.2

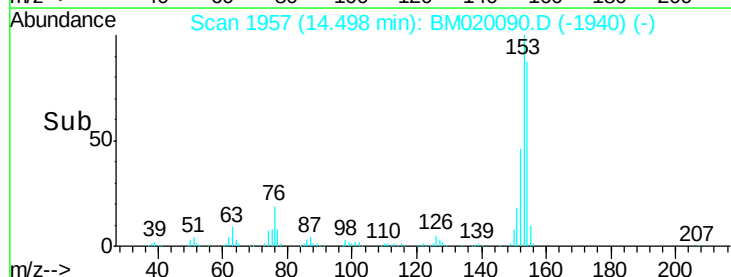
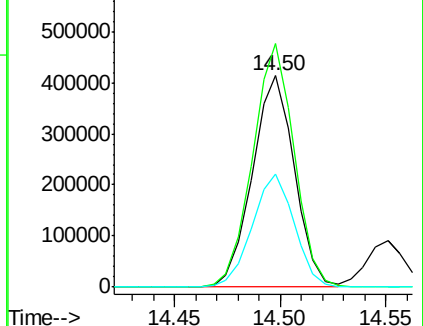
152 53.6 43.0 64.4

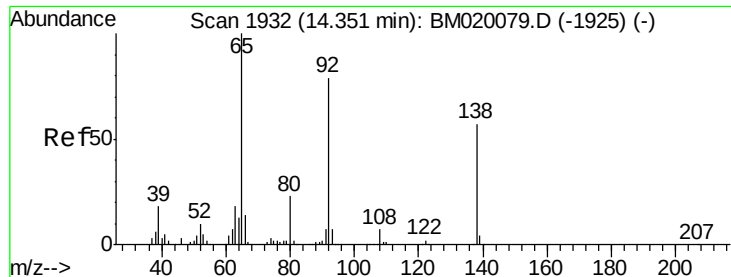


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.546 ng

RT: 14.34 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

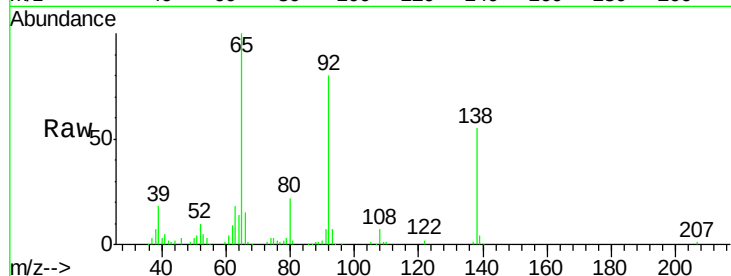
Tot Ion:138 Resp: 96712

Ion Ratio Lower Upper

138 100

108 13.5 10.4 15.6

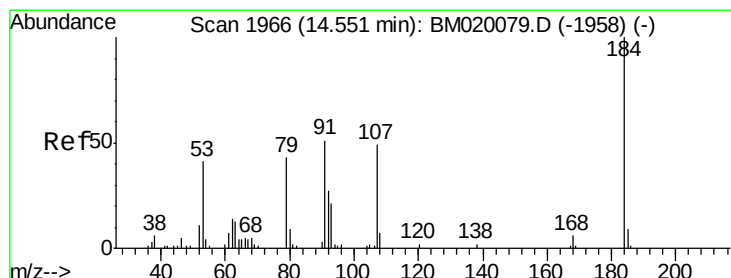
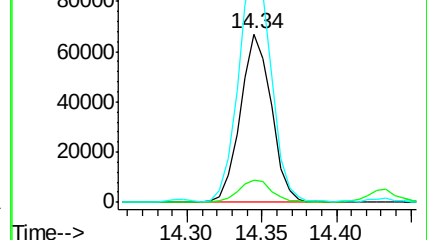
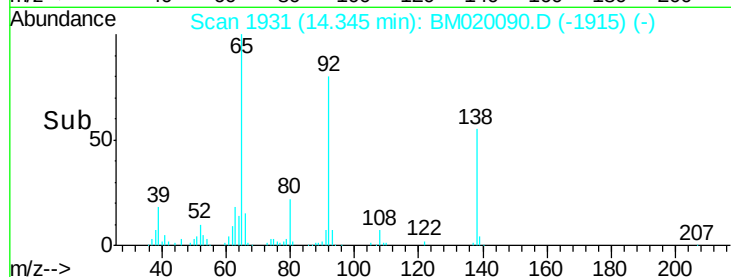
92 144.5 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 77.932 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

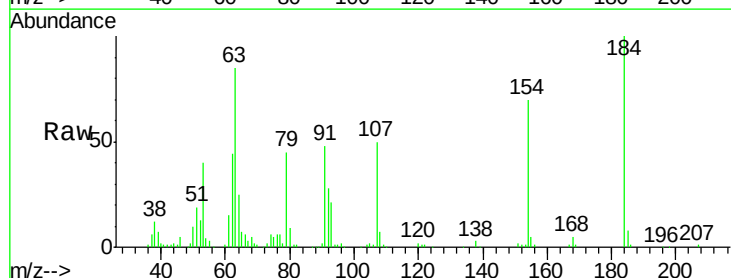
Tgt Ion:184 Resp: 172210

Ion Ratio Lower Upper

184 100

63 84.6 68.9 103.3

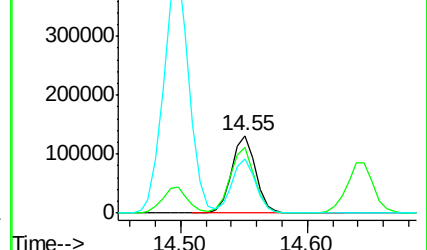
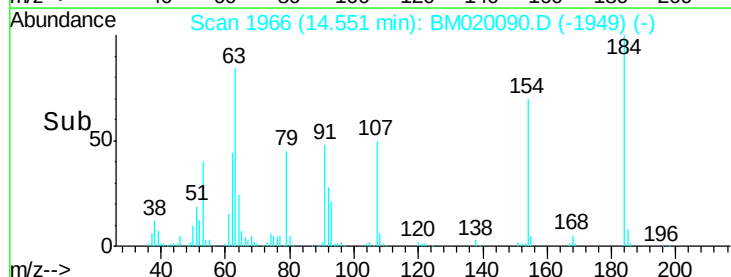
154 70.0 54.4 81.6

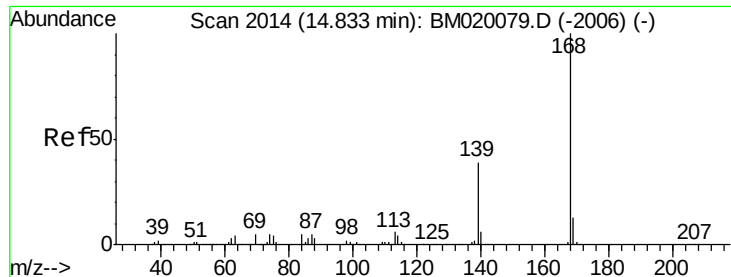


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

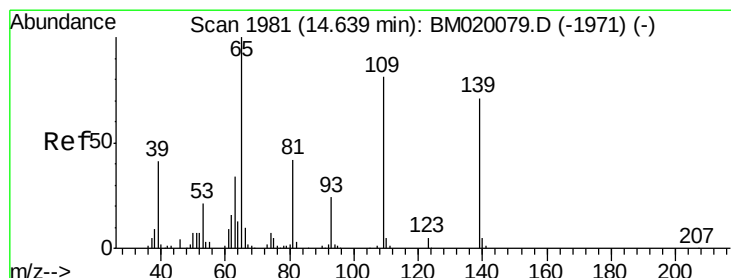
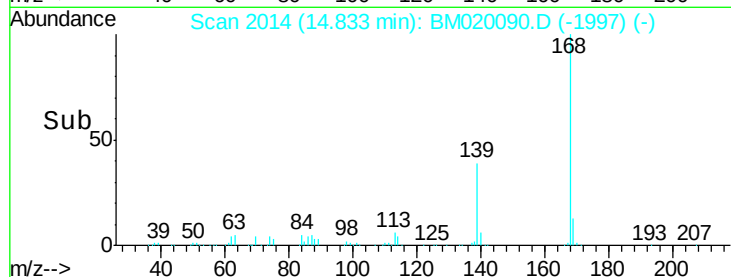
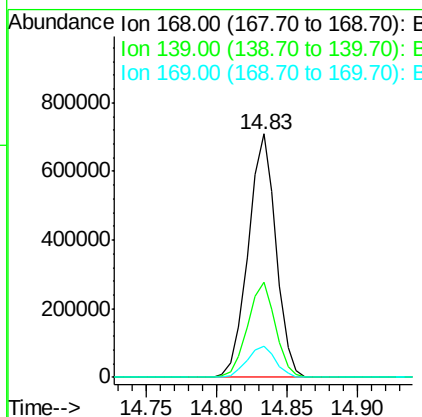
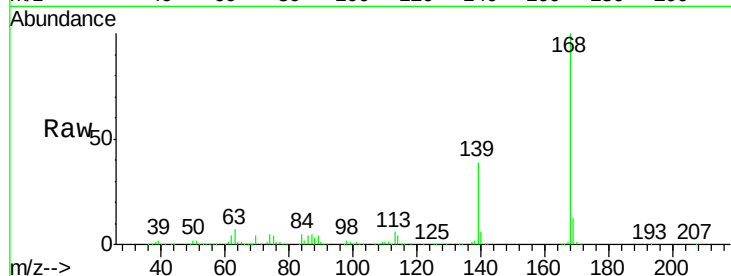




#55
Dibenzenofuran
Concen: 38.754 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

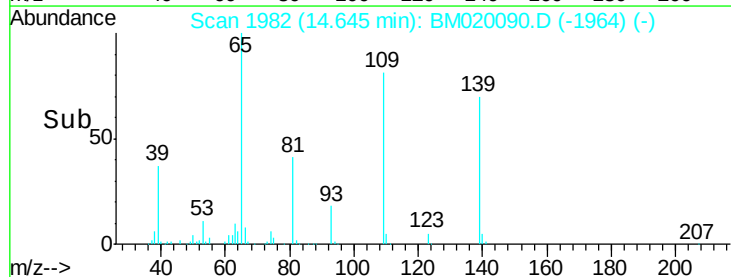
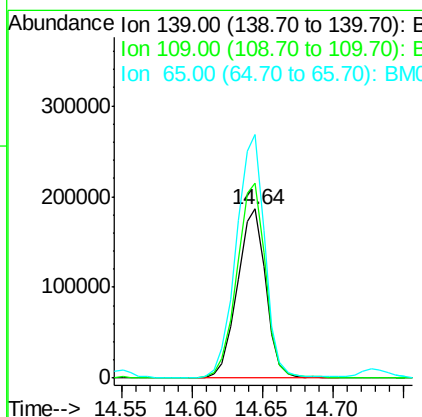
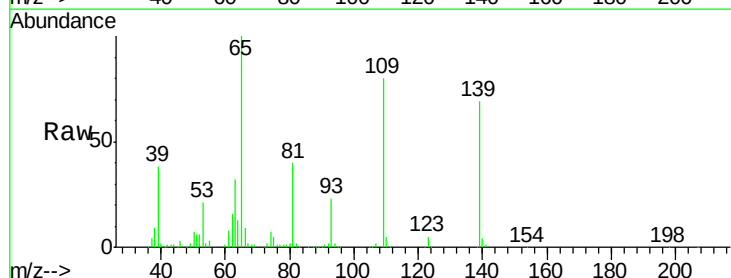
Instrument :
BNA_M
ClientSampleId :

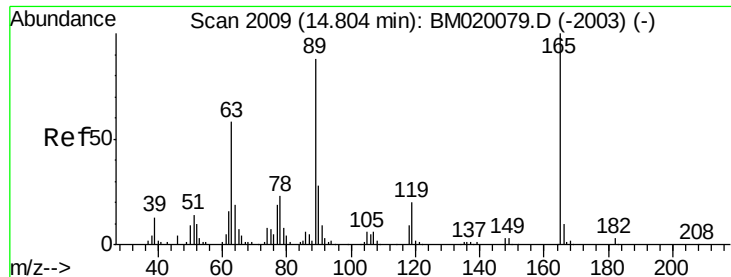
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	12.6	10.6	16.0



#56
4-Nitrophenol
Concen: 74.936 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	115.2	94.1	134.1
65	144.3	120.9	160.9

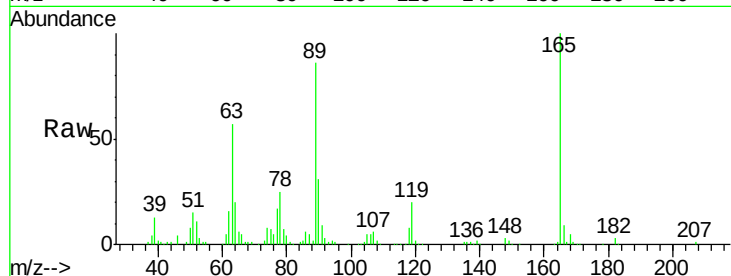




#57
 2,4-Dinitrotoluene
 Concen: 38.558 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	165	Resp	231864
Ion	Ratio	Lower	Upper
165	100		
63	57.0	46.2	69.2
89	85.6	70.6	105.8
182	2.9	2.2	3.2

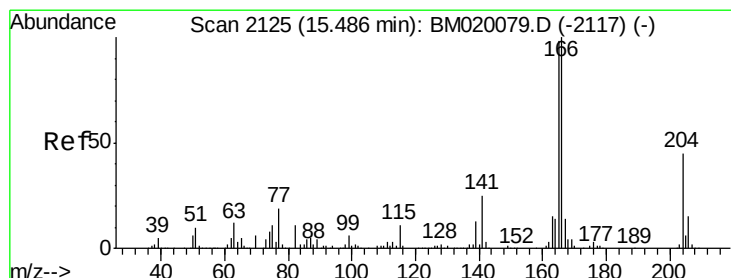
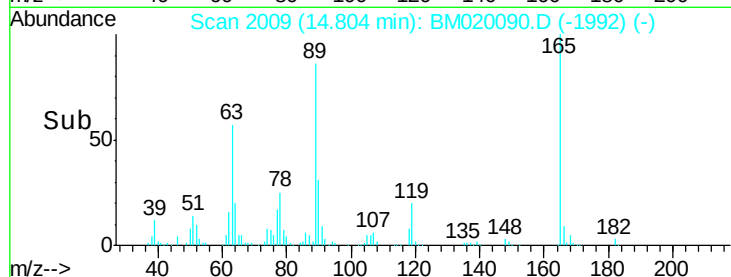
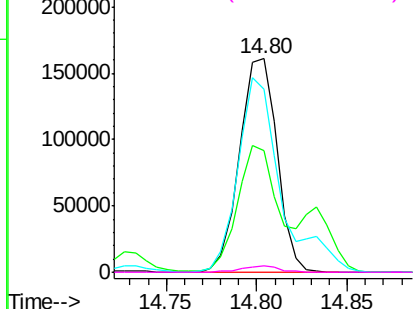


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

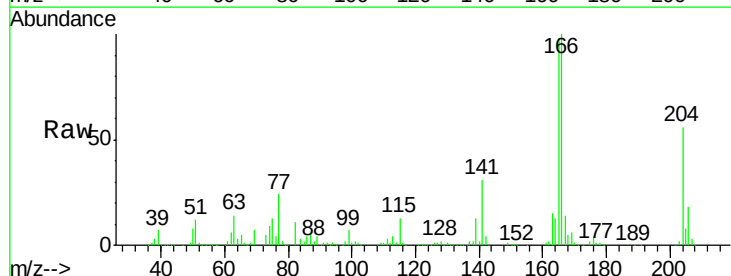
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.787 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

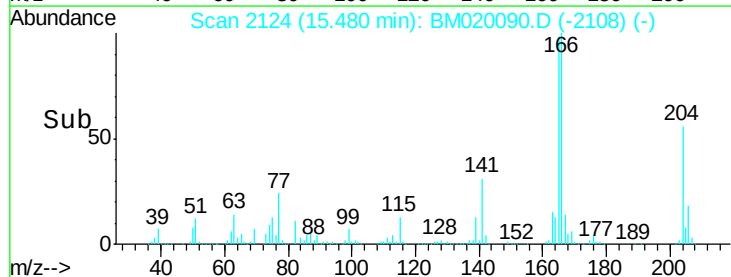
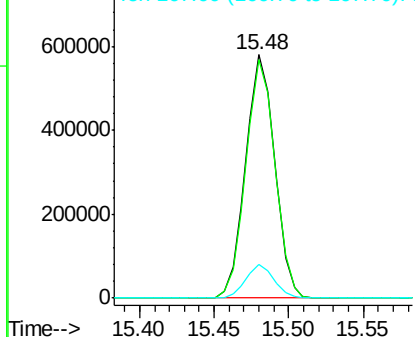
Tgt Ion	166	Resp	780493
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	14.0	11.0	16.4

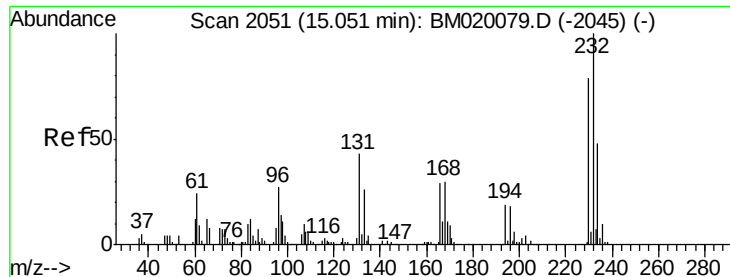


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

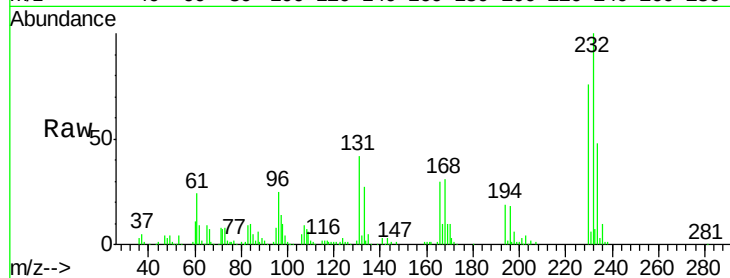




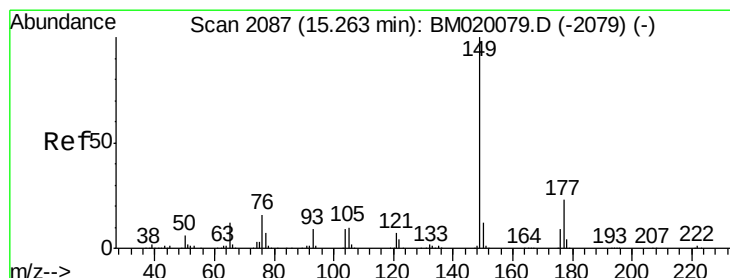
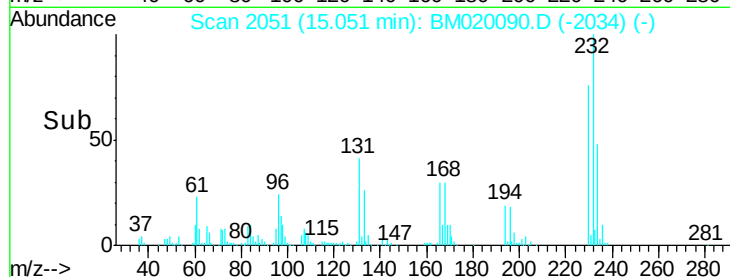
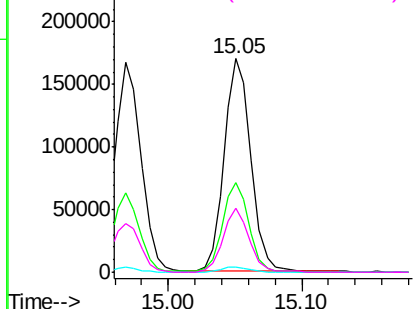
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.523 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	236476
Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.2	51.4
130	2.6	2.0	3.0
166	29.5	23.8	35.8

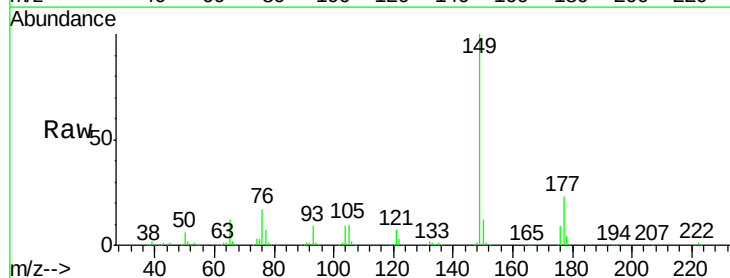


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

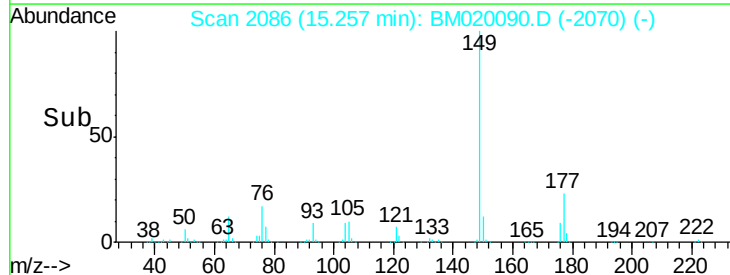
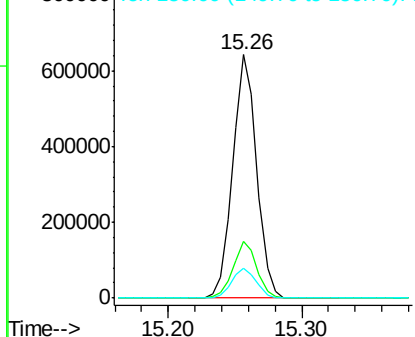


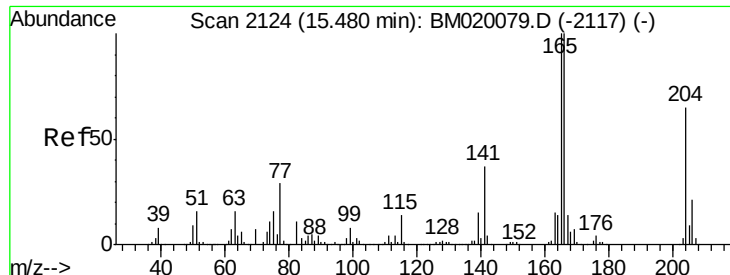
#60
 Diethylphthalate
 Concen: 37.823 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:	149	Resp:	800660
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.4
150	12.2	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

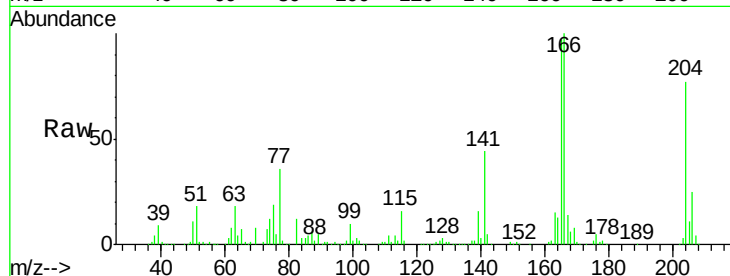




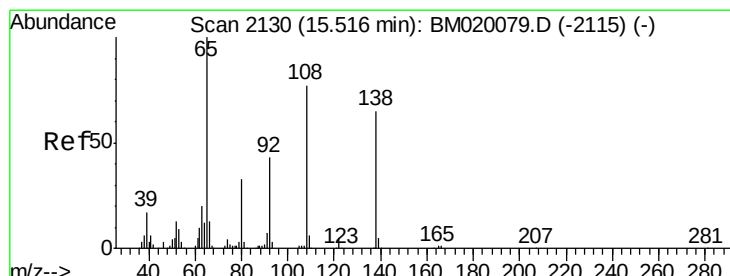
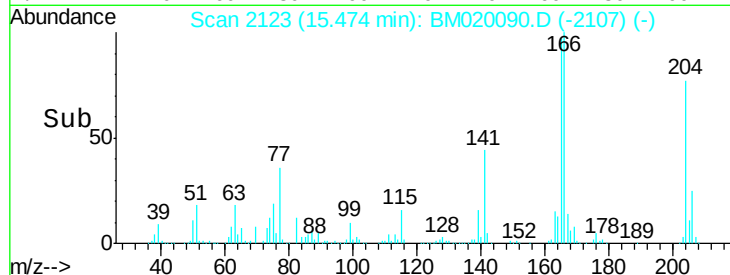
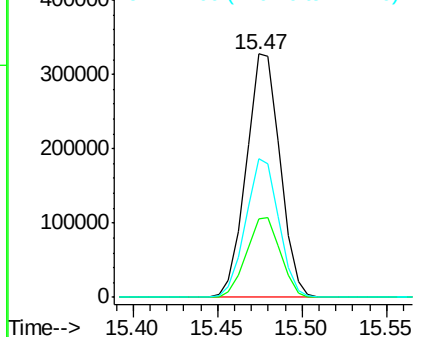
#61
4-Chlorophenyl-phenylether
Concen: 38.922 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 455509
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 56.9 46.1 69.1

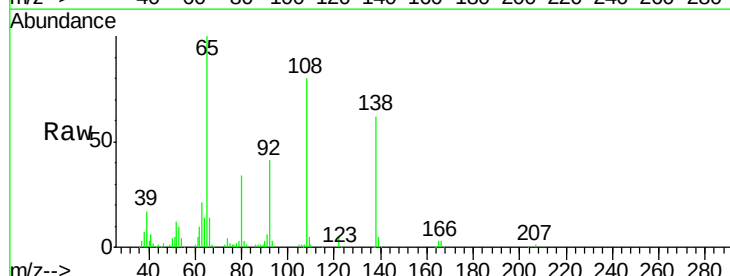


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

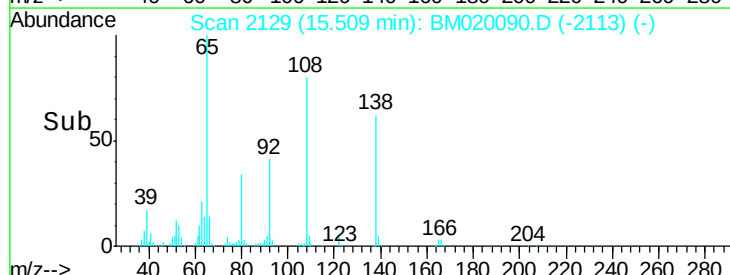
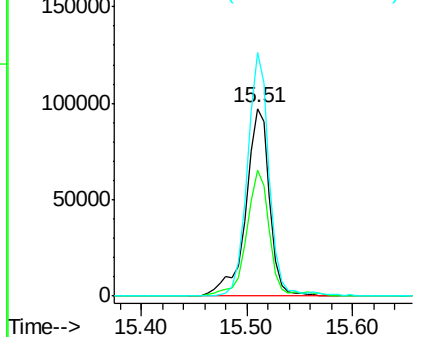


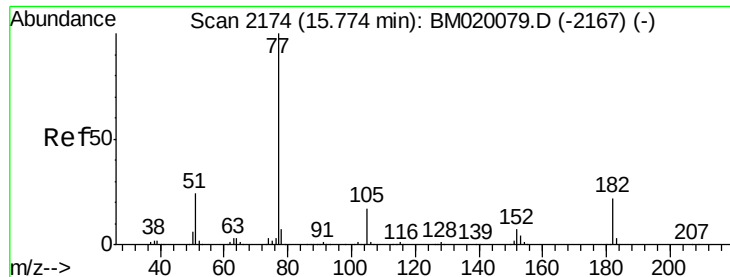
#62
4-Nitroaniline
Concen: 33.703 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:138 Resp: 152770
Ion Ratio Lower Upper
138 100
92 67.3 45.9 85.9
108 129.8 97.7 137.7



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

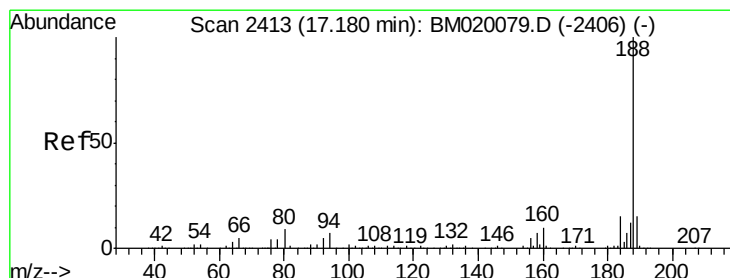
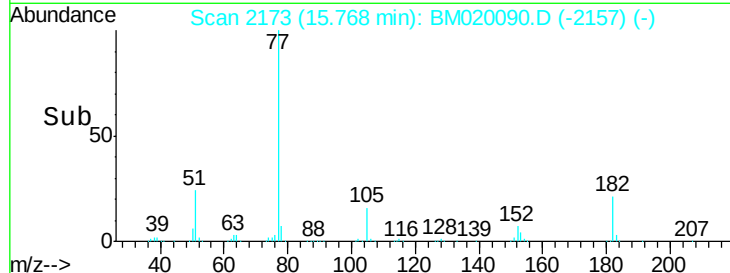
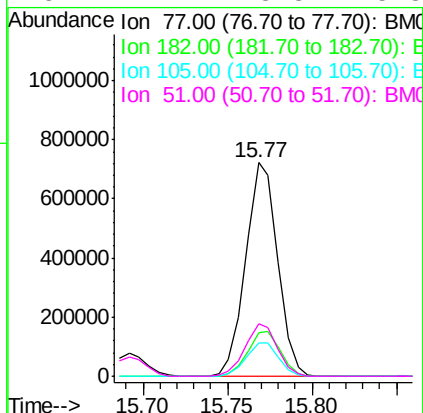
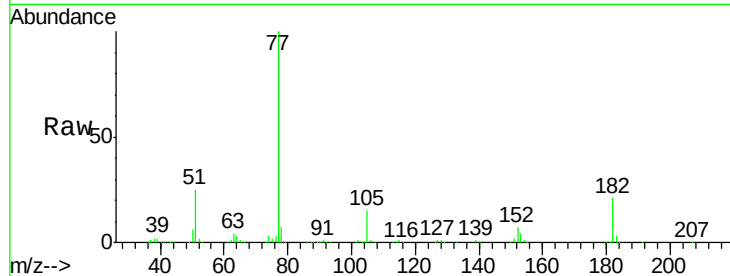




#63
Azobenzene
Concen: 38.149 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

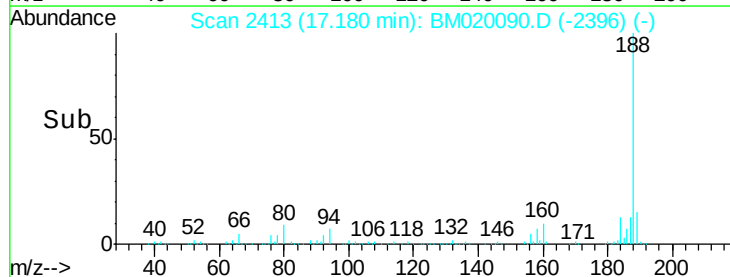
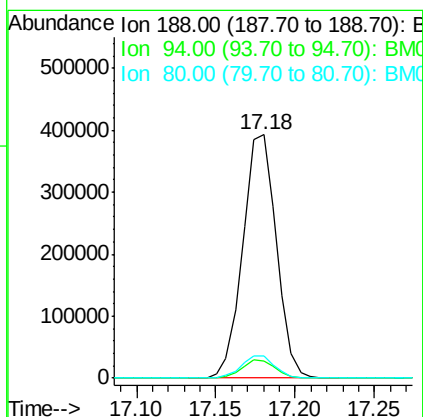
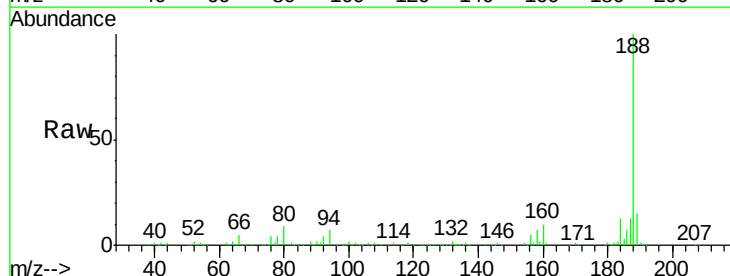
Instrument :
BNA_M
ClientSampleId :

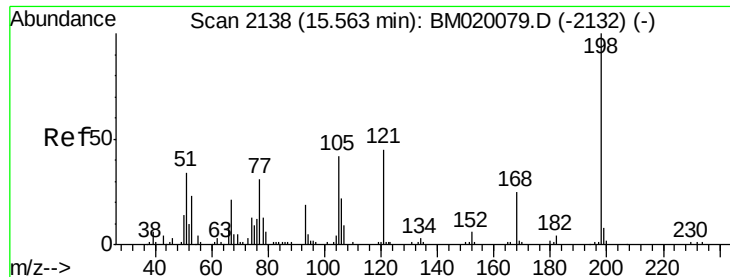
Tot Ion:	77	Resp:	952705
Ion	Ratio	Lower	Upper
77	100		
182	20.7	2.1	42.1
105	15.4	0.0	36.8
51	24.7	3.8	43.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:	188	Resp:	576657
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	9.1	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 37.761 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampled :

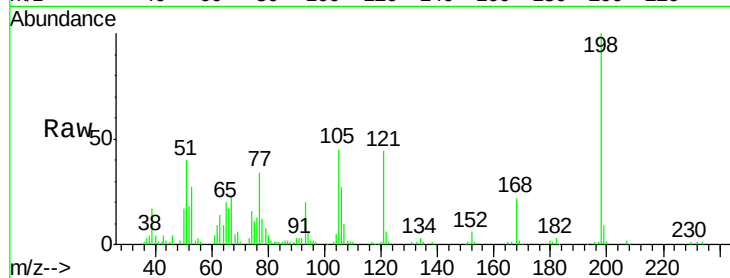
Tot Ion:198 Resp: 104644

Ion Ratio Lower Upper

198 100

51 40.1 16.5 56.5

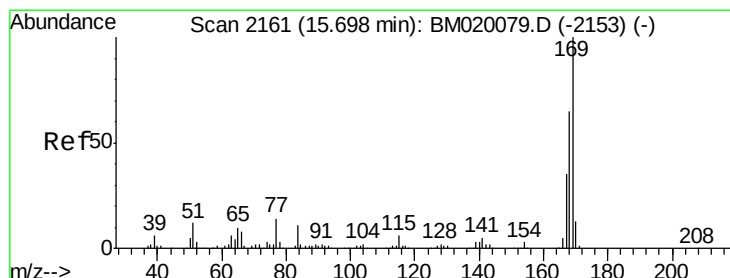
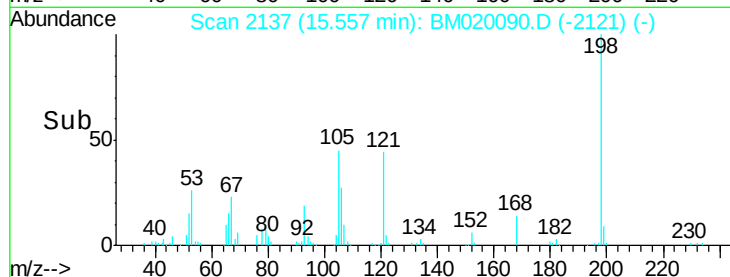
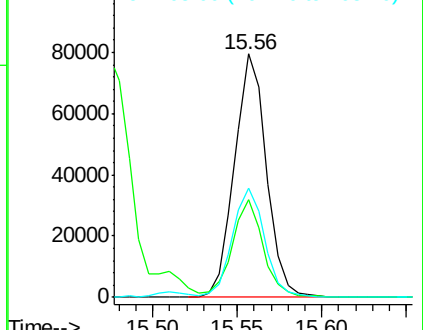
105 45.0 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.207 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

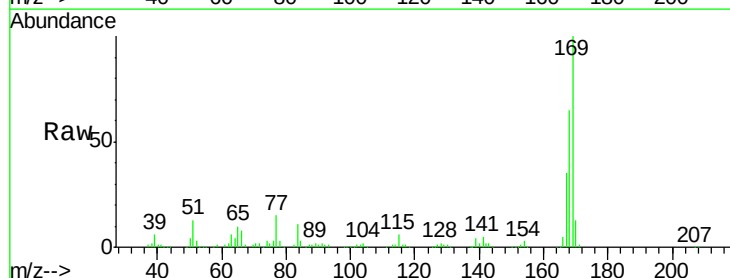
Tgt Ion:169 Resp: 682257

Ion Ratio Lower Upper

169 100

168 65.4 51.9 77.9

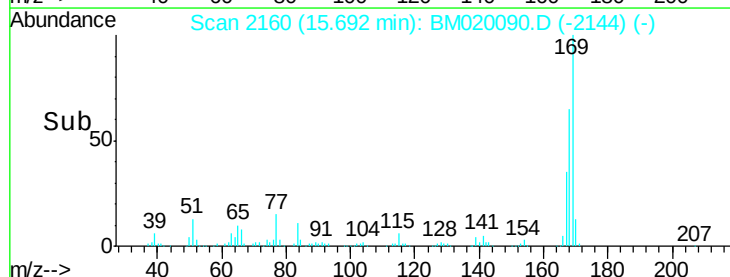
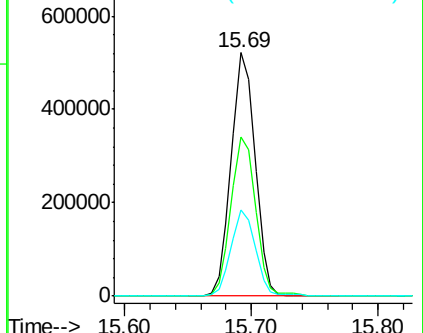
167 35.4 27.8 41.6

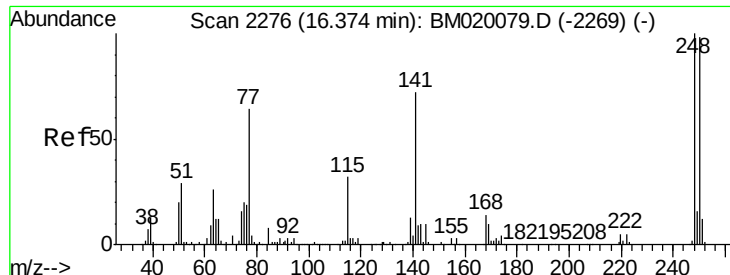


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

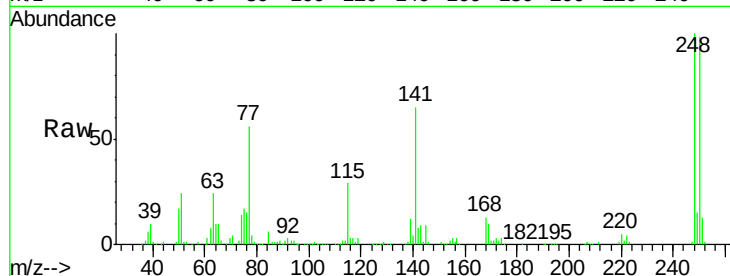




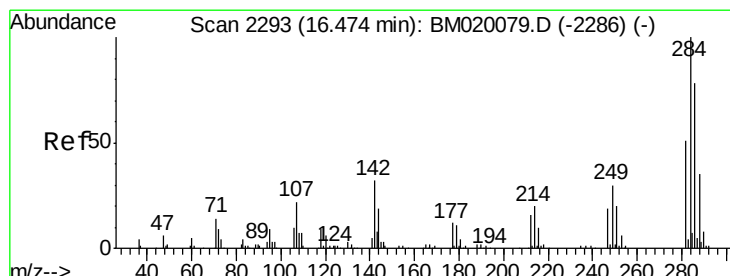
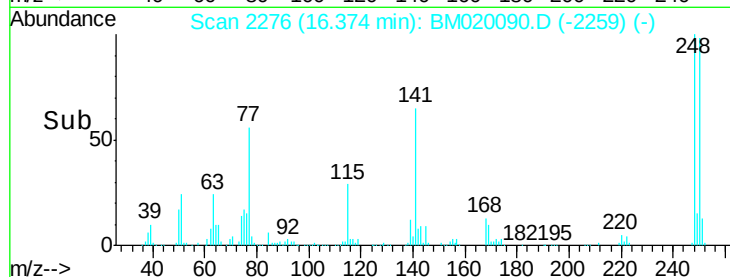
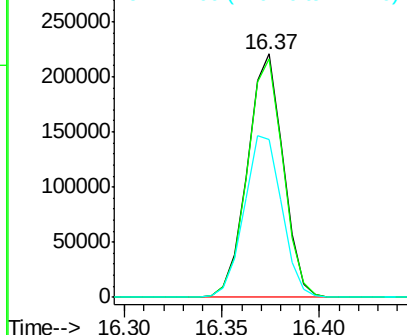
#67
4-Bromophenyl-phenylether
Concen: 39.458 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 279022
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 64.6 57.4 86.2

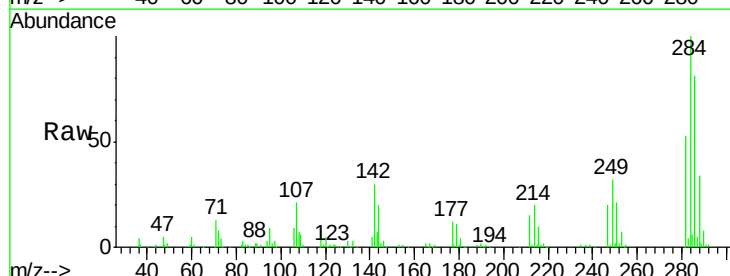


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

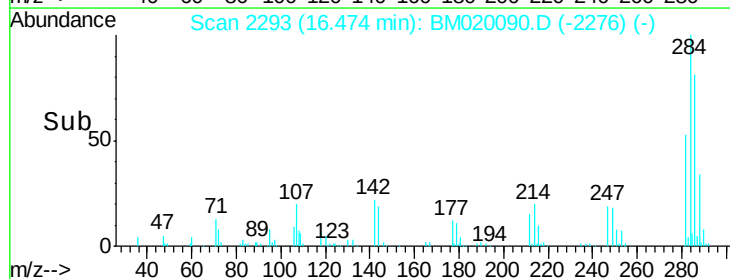
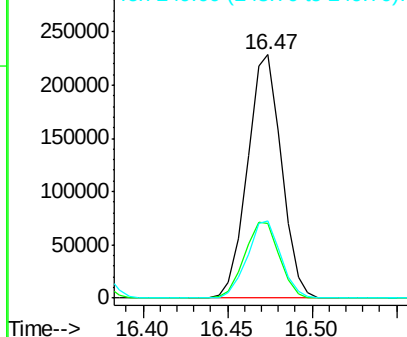


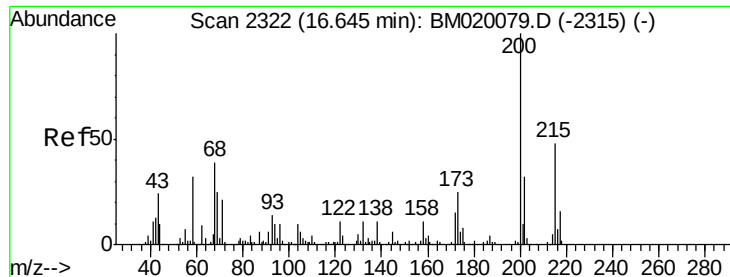
#68
Hexachlorobenzene
Concen: 39.334 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:284 Resp: 320074
Ion Ratio Lower Upper
284 100
142 30.4 25.2 37.8
249 31.8 23.6 35.4



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

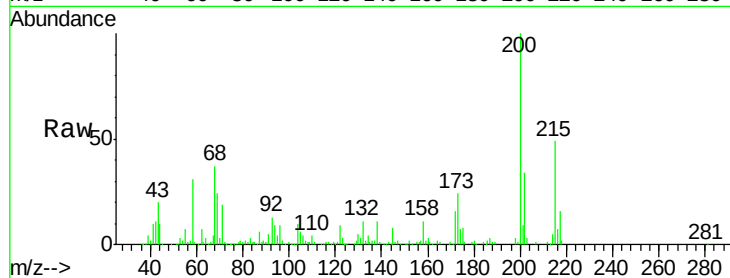




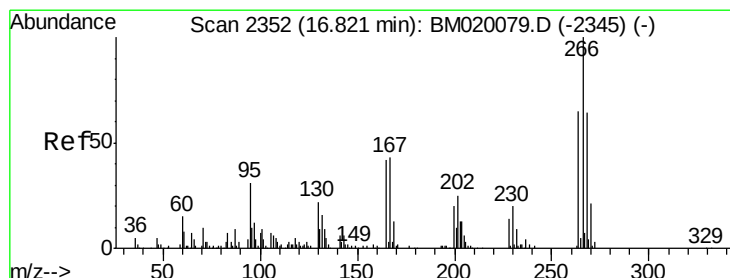
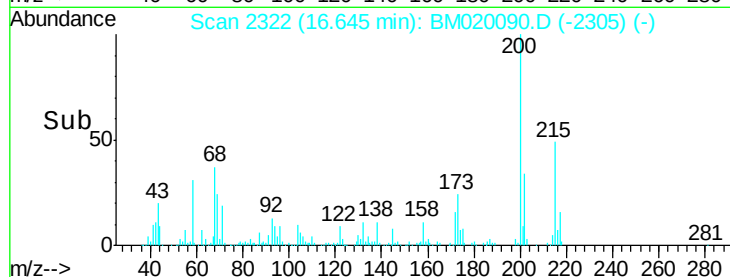
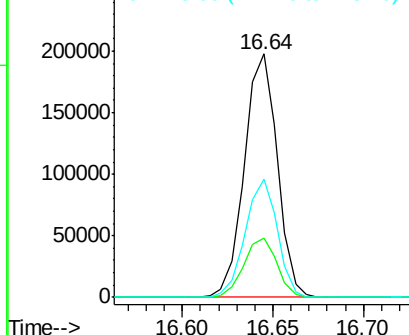
#69
Atrazine
Concen: 37.651 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.6	44.6
215	48.7	28.0	68.0

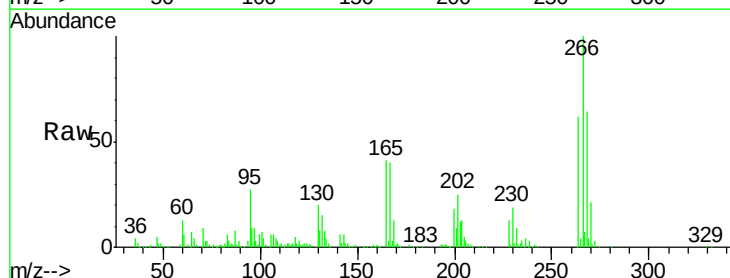


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

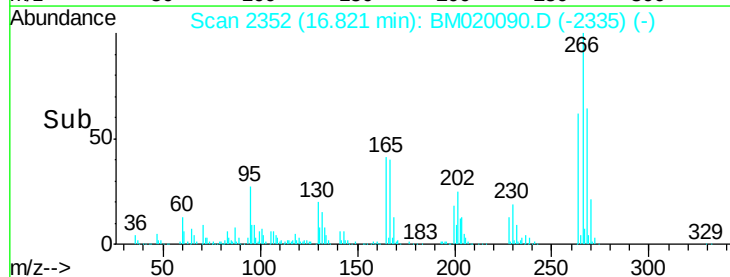
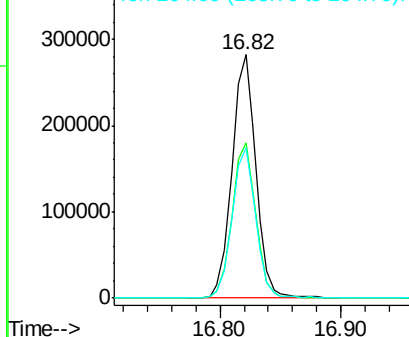


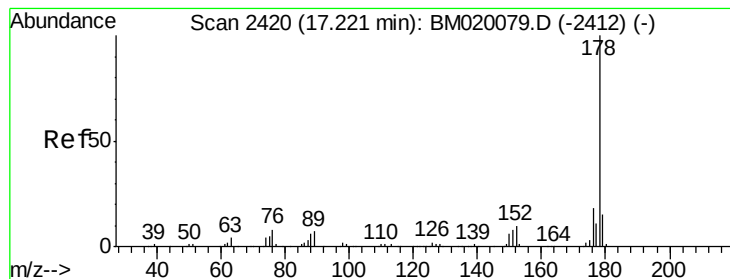
#70
Pentachlorophenol
Concen: 83.516 ng
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	61.6	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.877 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

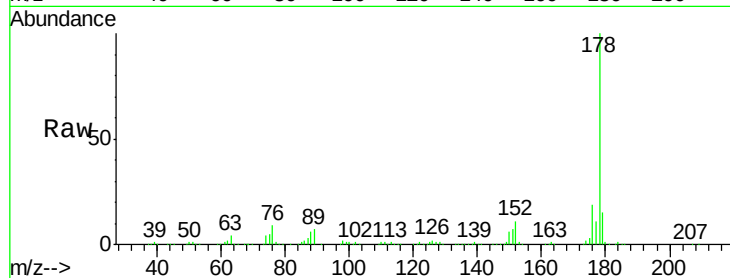
Tot Ion:178 Resp: 1237539

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

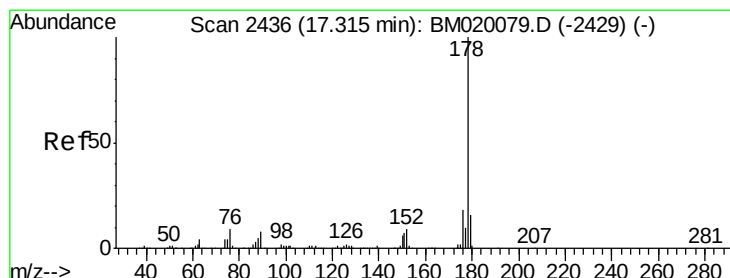
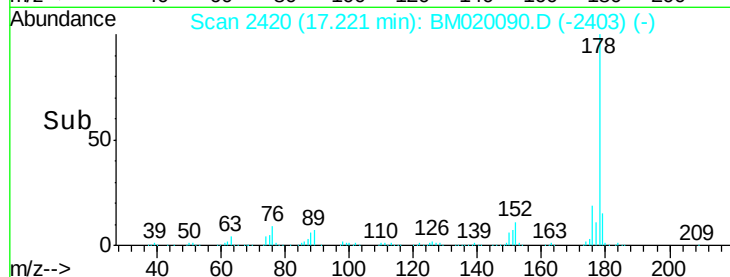
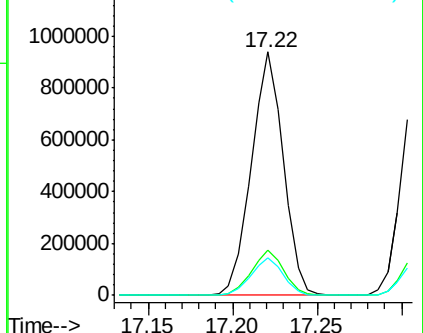
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.389 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

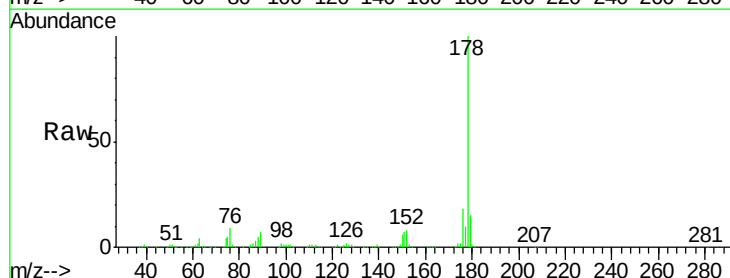
Tgt Ion:178 Resp: 1253596

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

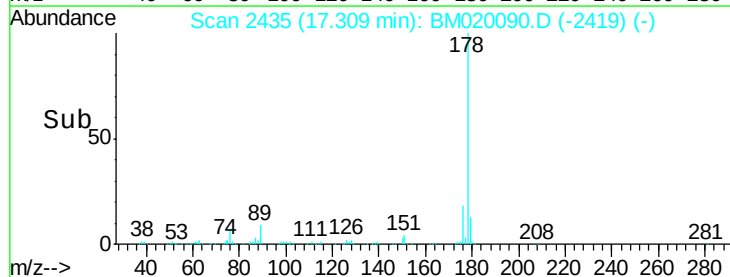
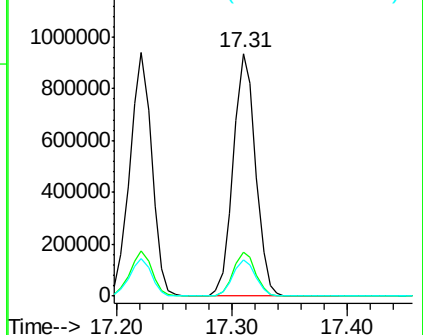
179 14.9 12.4 18.6

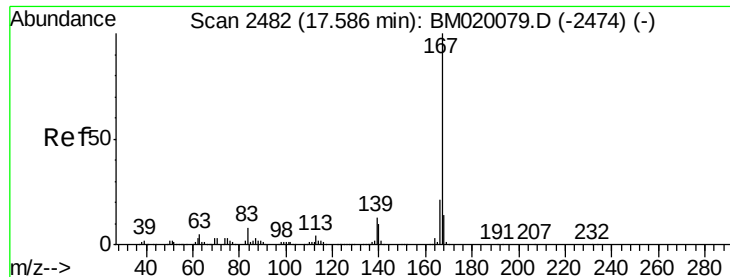


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

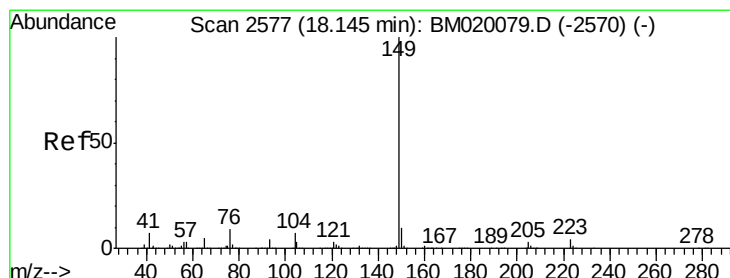
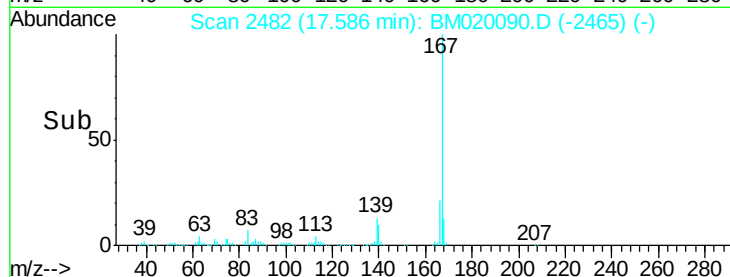
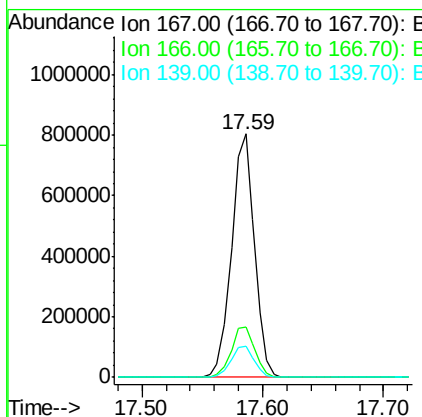
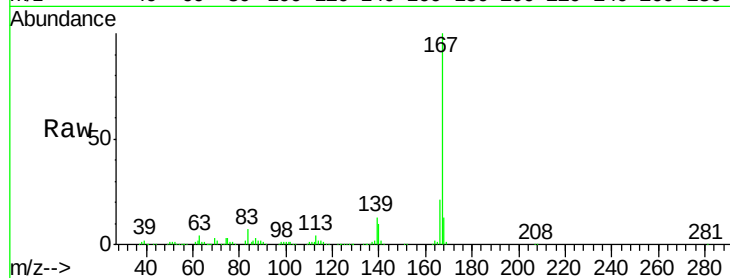




#73
 Carbazole
 Concen: 36.875 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

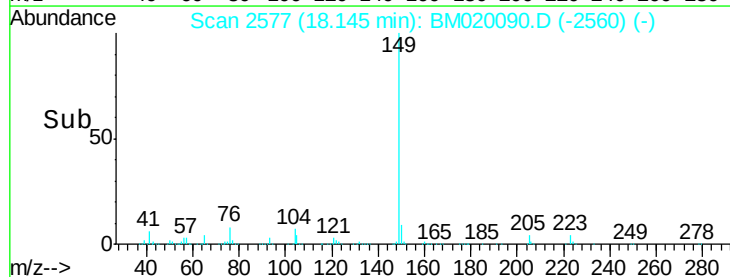
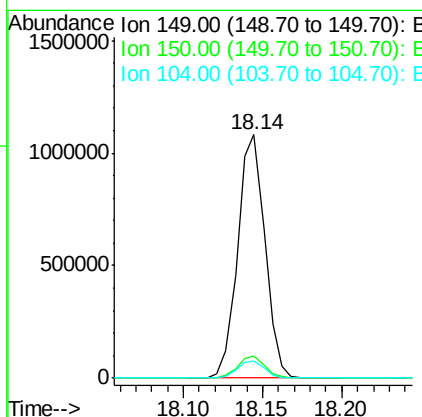
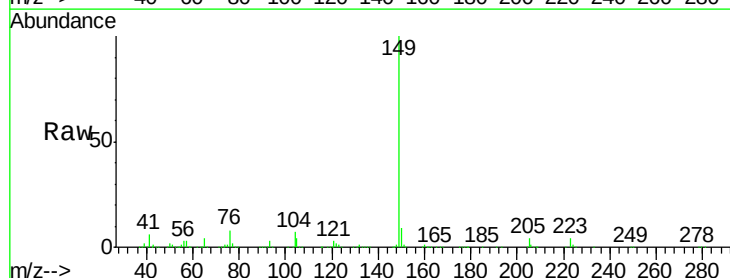
Instrument :
 BNA_M
 ClientSampled :

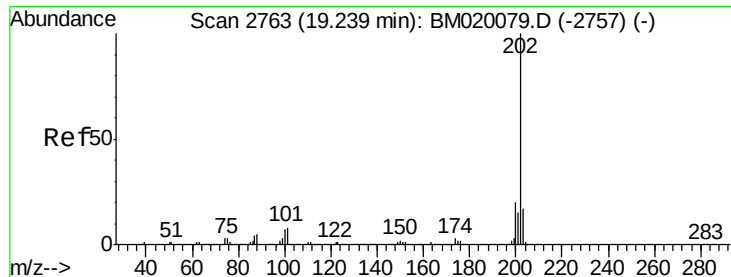
Tot Ion:167 Resp: 1058934
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.6
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.299 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:149 Resp: 1289060
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 6.8 5.7 8.5





#75

Fluoranthene

Concen: 37.031 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampled :

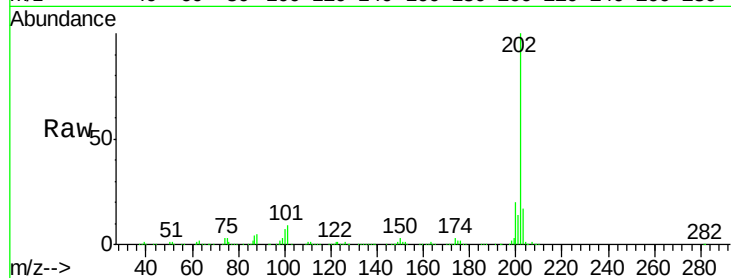
Tot Ion:202 Resp: 1491457

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

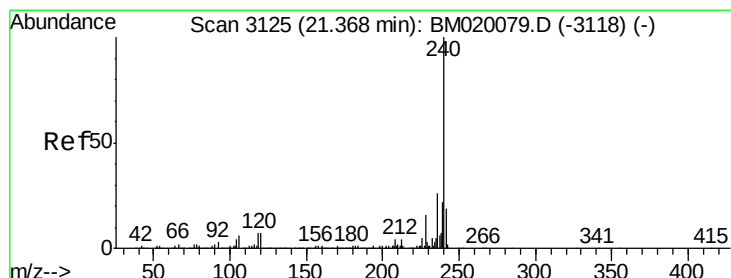
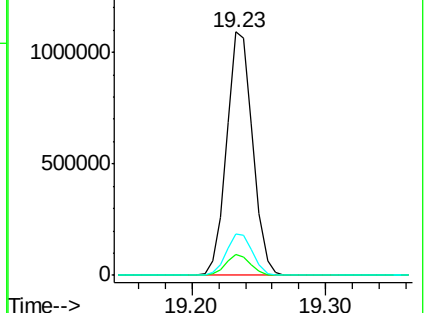
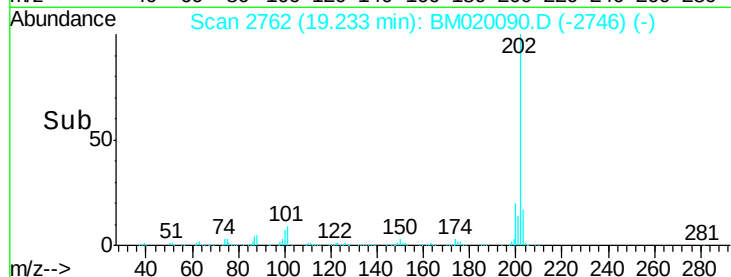
203 17.1 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

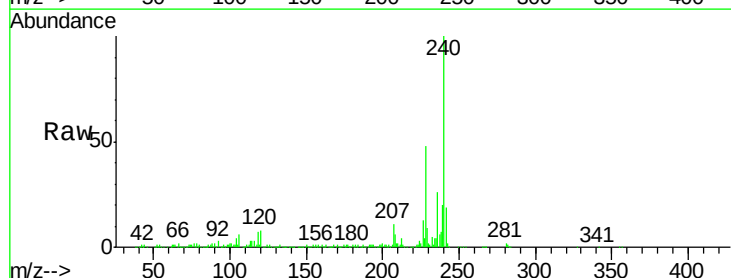
Tgt Ion:240 Resp: 556594

Ion Ratio Lower Upper

240 100

120 7.6 5.6 8.4

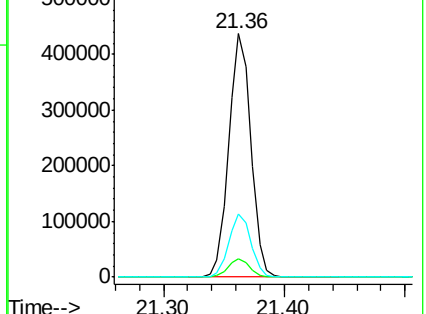
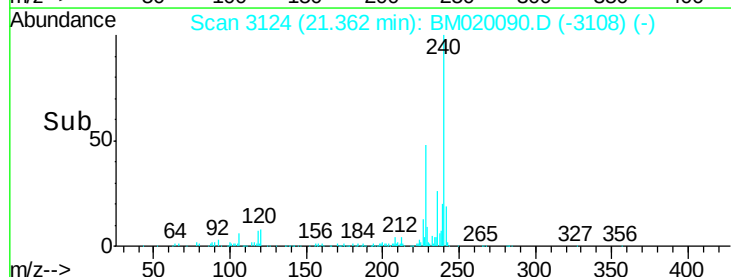
236 25.9 20.9 31.3

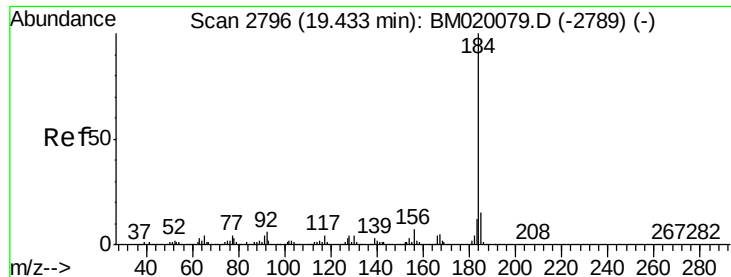


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.427 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

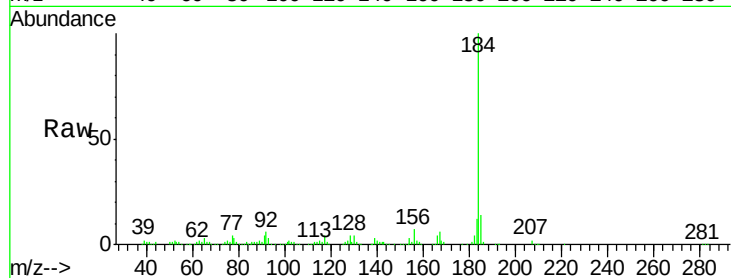
Instrument :

BNA_M

ClientSampled :

Tot Ion:184 Resp: 488057

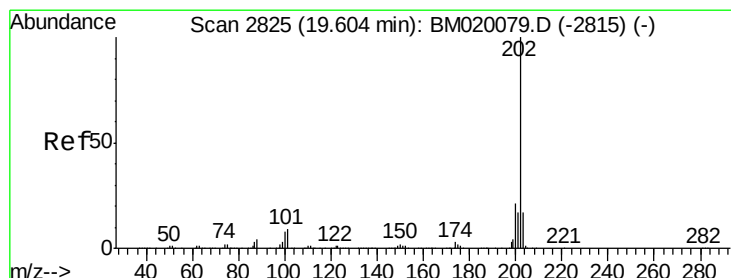
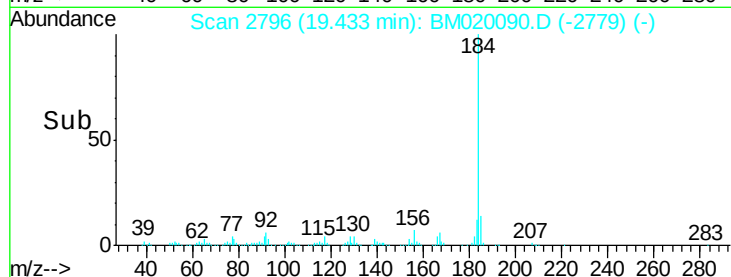
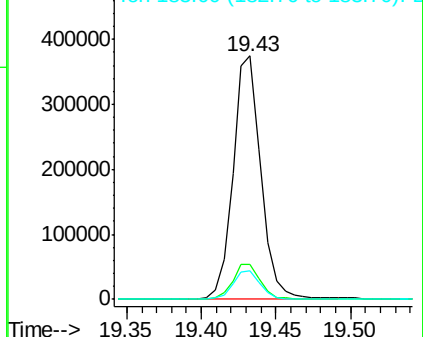
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.0	18.0
183	11.8	9.5	14.3



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: 40.302 ng

RT: 19.60 min Scan# 2825

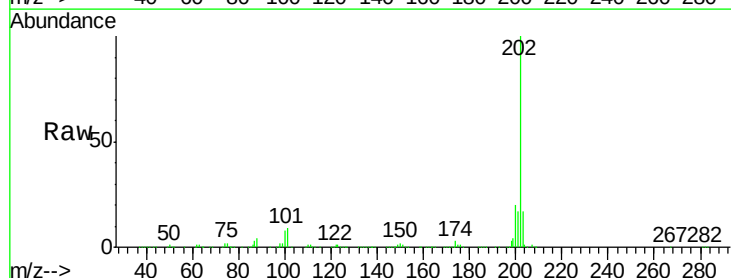
Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:202 Resp: 1506034

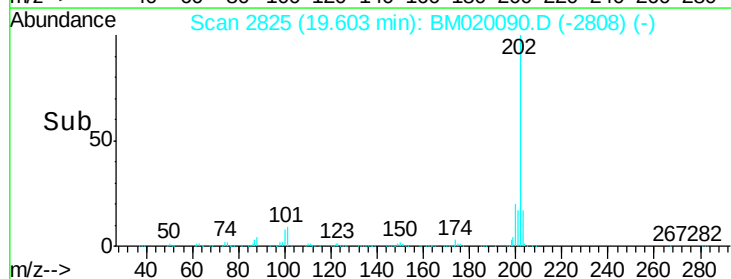
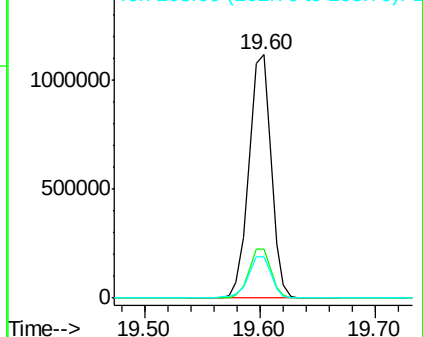
Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.1	13.9	20.9

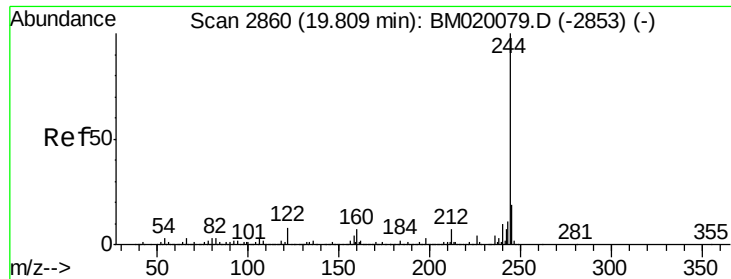


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

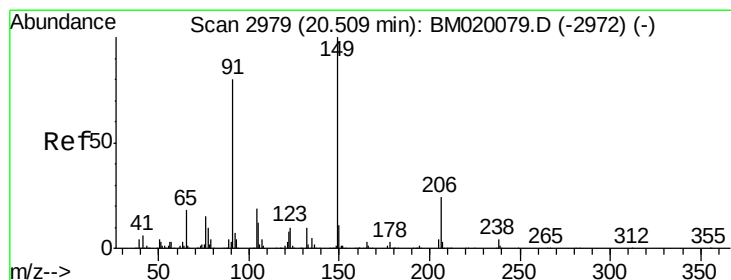
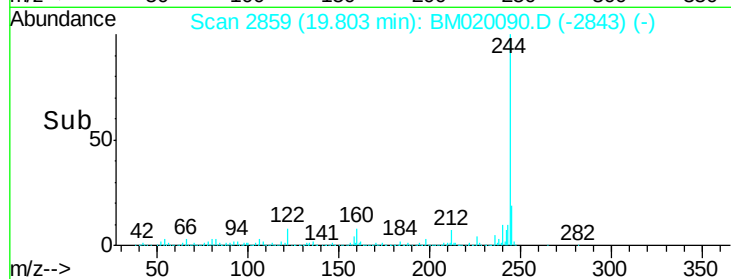
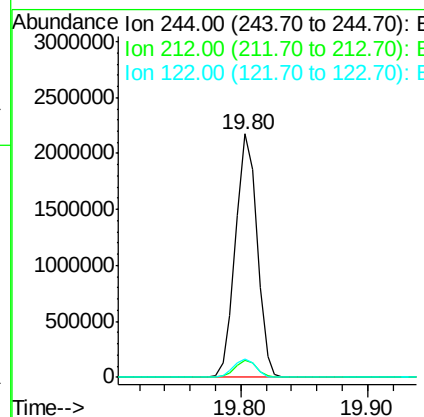
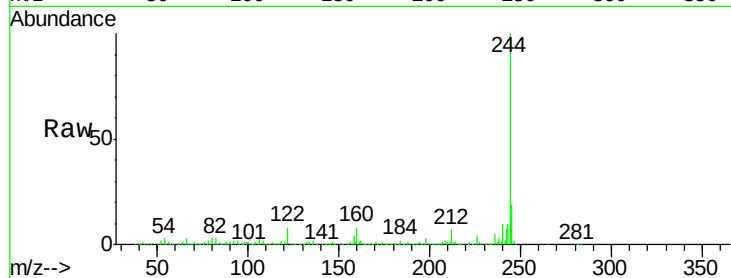




#79
 Terphenyl-d14
 Concen: 79.753 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

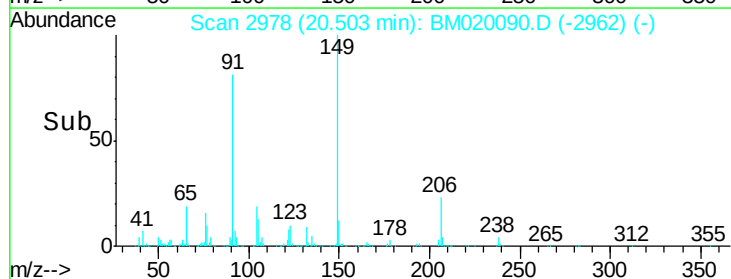
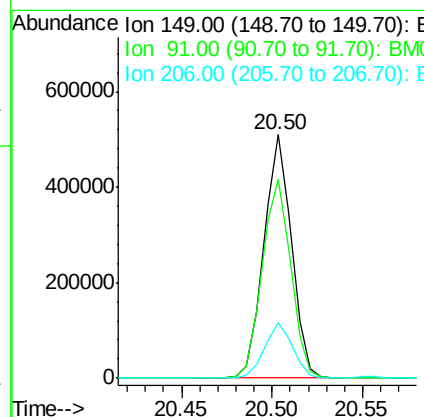
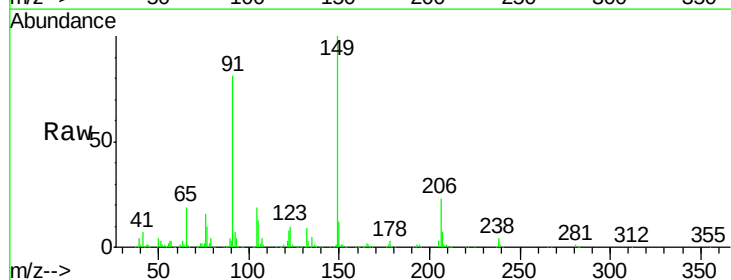
Instrument :
 BNA_M
 ClientSampleId :

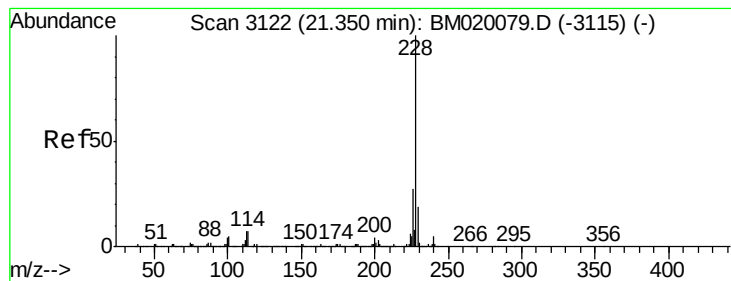
Tot Ion:244 Resp: 2544980
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.7 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 39.859 ng
 RT: 20.50 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BM020090.D
 Acq: 01 May 2019 15:01

Tgt Ion:149 Resp: 541656
 Ion Ratio Lower Upper
 149 100
 91 81.5 63.8 95.8
 206 22.5 18.9 28.3





#81

Benzo(a)anthracene

Concen: 37.154 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

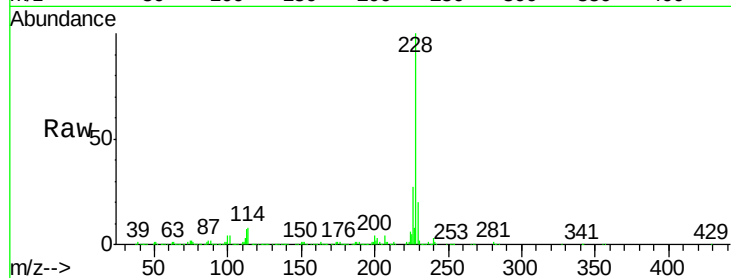
Tot Ion:228 Resp: 1450259

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.2	15.5	23.3

228 100

226 26.5 21.3 31.9

229 20.2 15.5 23.3

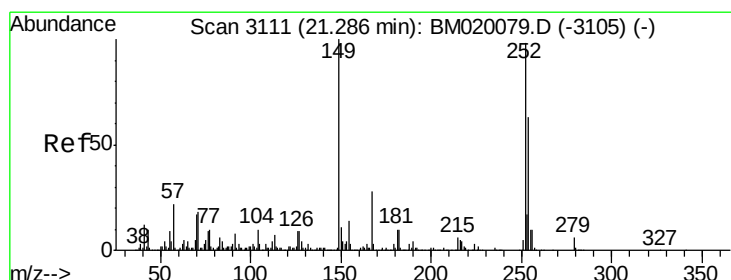
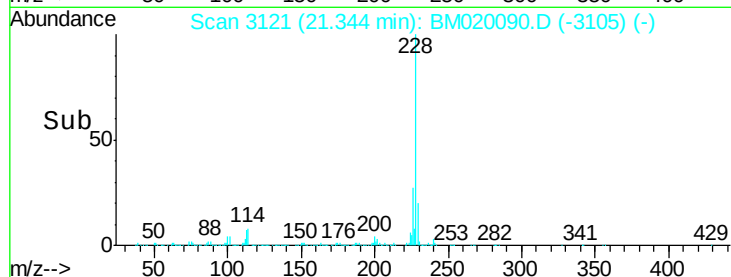
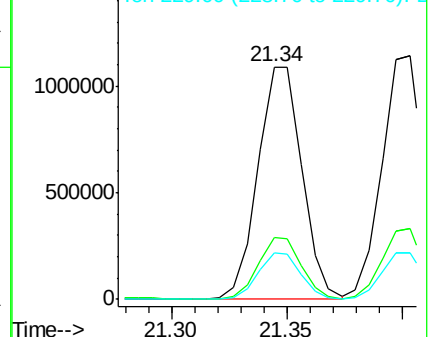


Abundance

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: 33.165 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

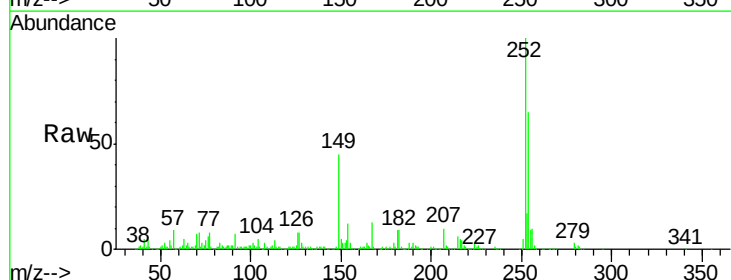
Tgt Ion:252 Resp: 494092

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	8.1	7.1	10.7

252 100

254 64.6 51.1 76.7

126 8.1 7.1 10.7

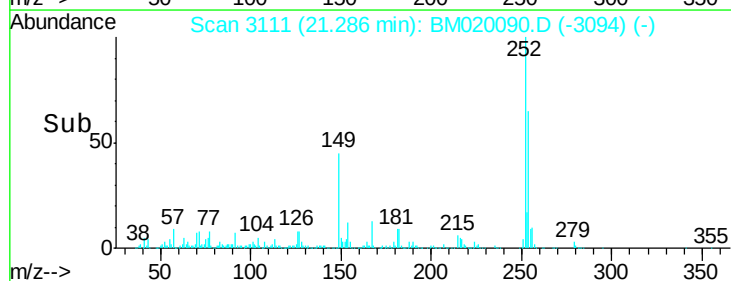
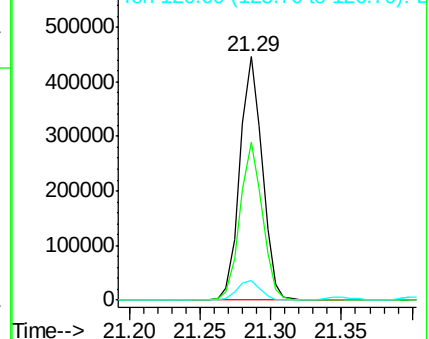


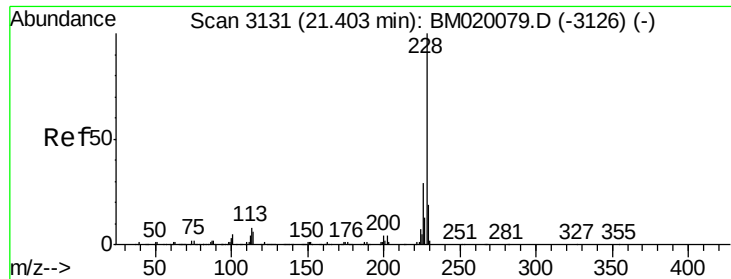
Abundance

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

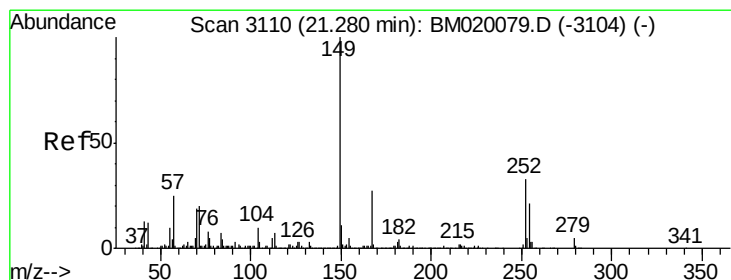
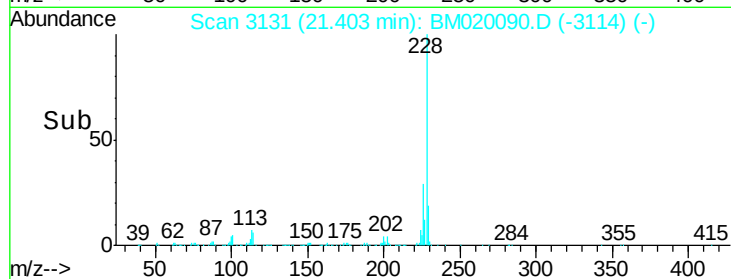
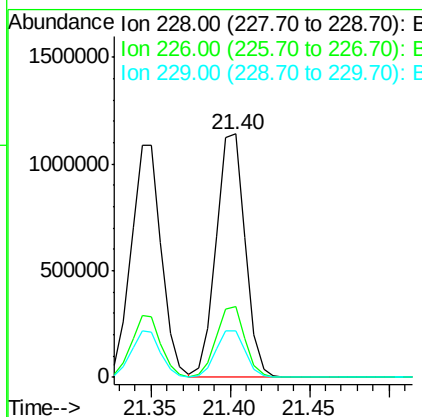
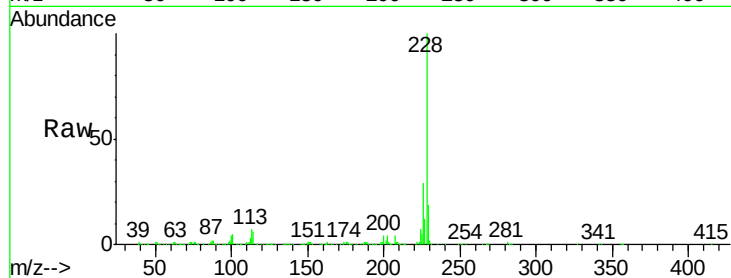




#83
Chrysene
Concen: 38.271 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

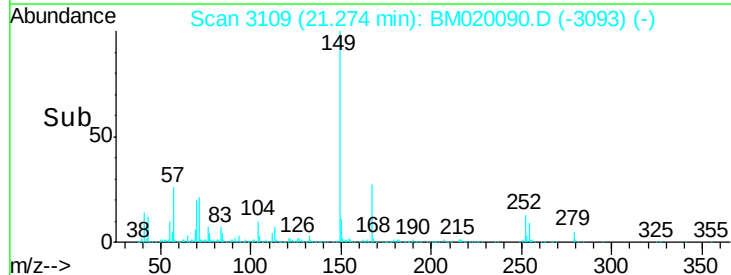
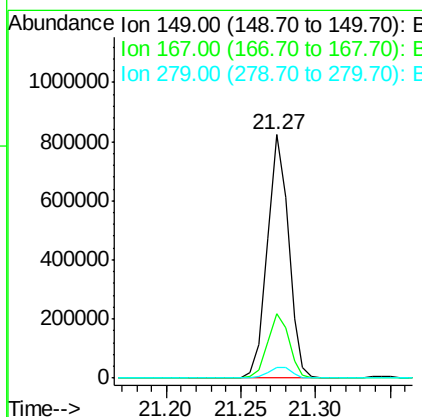
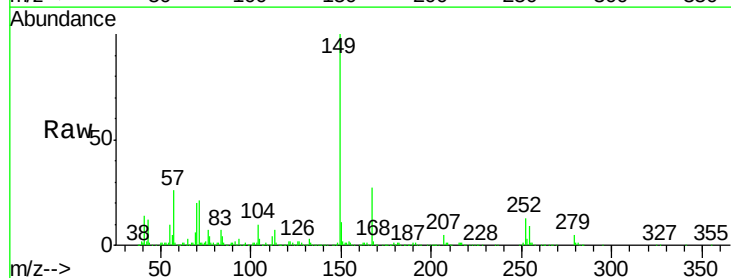
Instrument :
BNA_M
ClientSampleId :

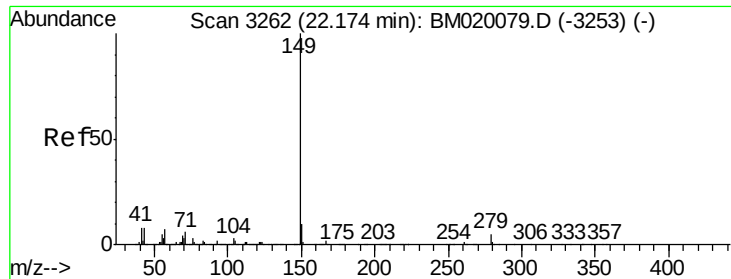
Tot Ion:228 Resp: 1448783
Ion Ratio Lower Upper
228 100
226 28.9 23.0 34.6
229 19.0 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.303 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:149 Resp: 807705
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.8
279 4.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 37.772 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

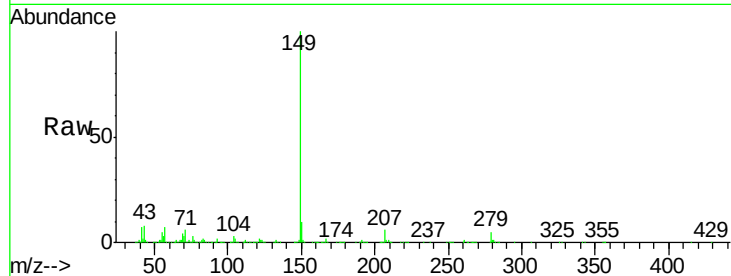
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1323837

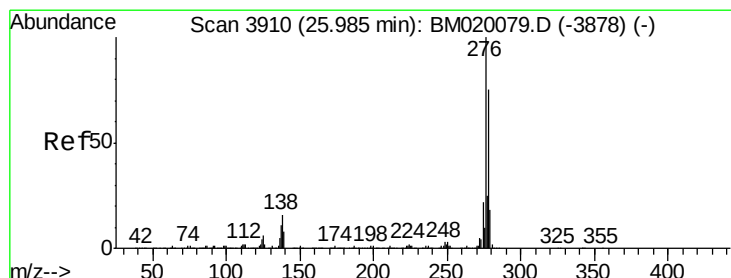
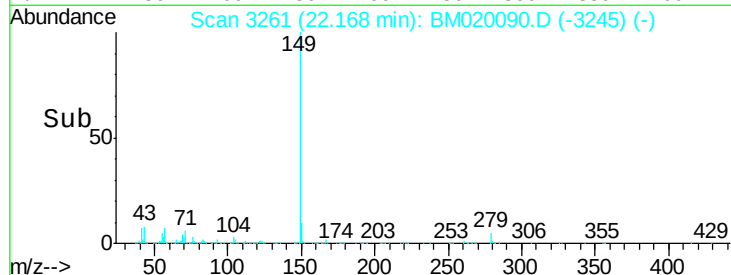
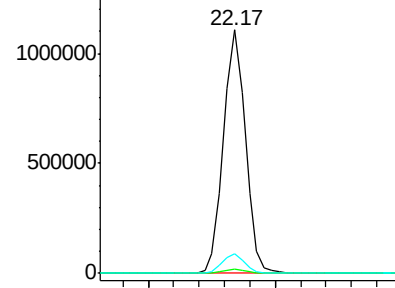
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.0	6.5	9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.211 ng

RT: 25.98 min Scan# 3909

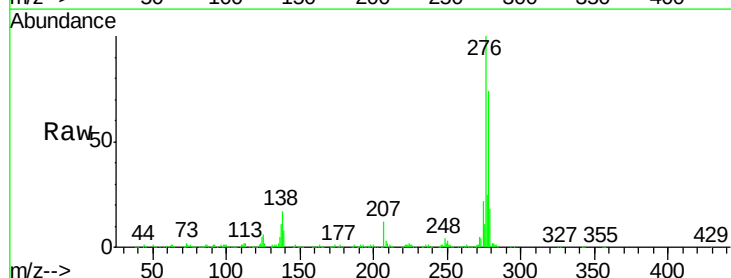
Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Tgt Ion:276 Resp: 1765628

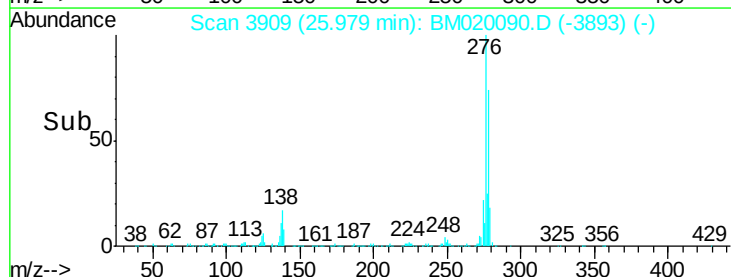
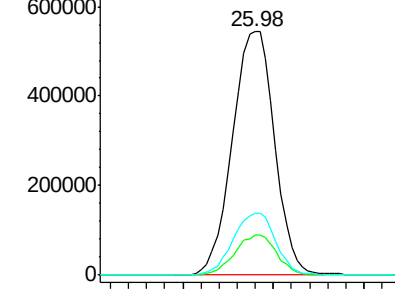
Ion	Ratio	Lower	Upper
276	100		
138	16.4	0.0	0.0#
277	25.6	0.0	0.0#

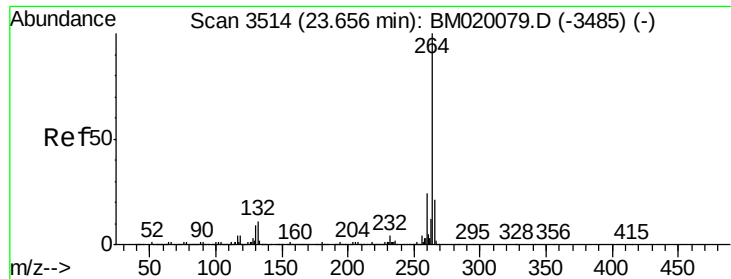


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

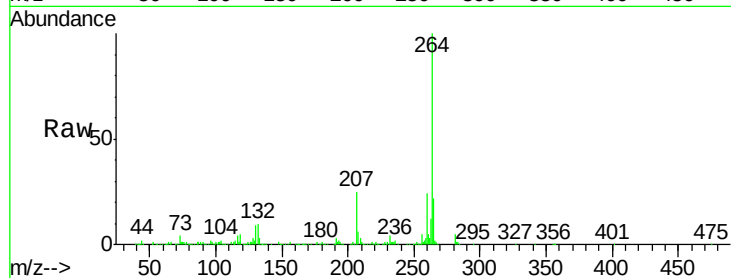
Tot Ion:264 Resp: 508037

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

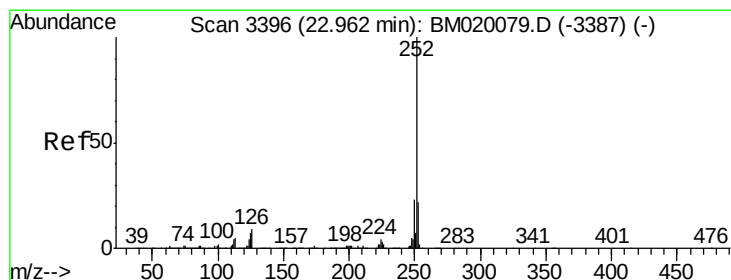
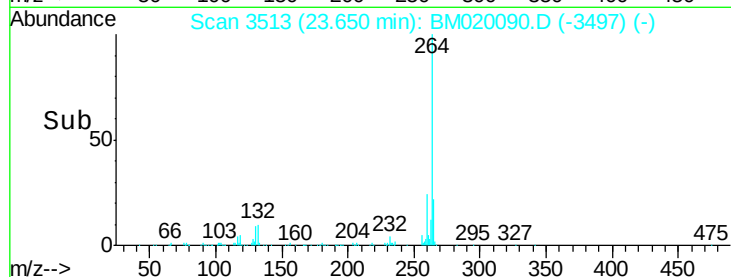
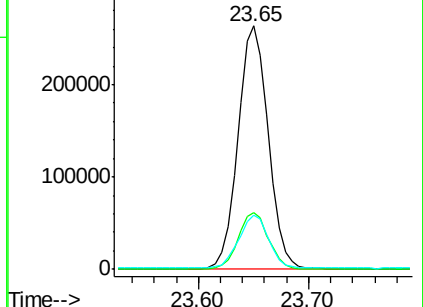
265 22.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.267 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

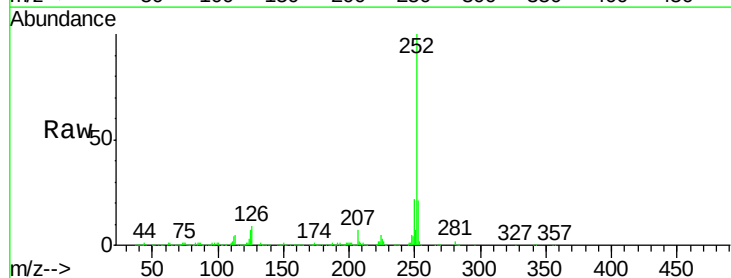
Tgt Ion:252 Resp: 1485084

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

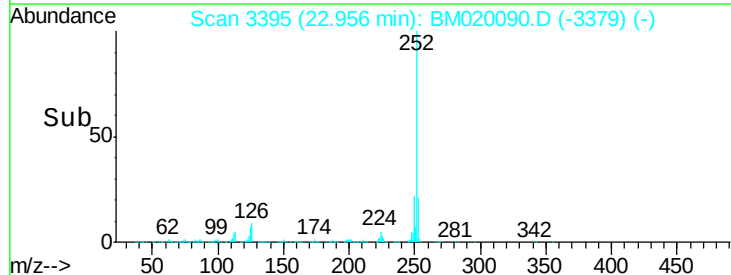
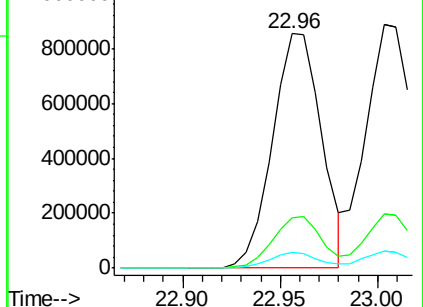
125 6.9 5.4 8.2

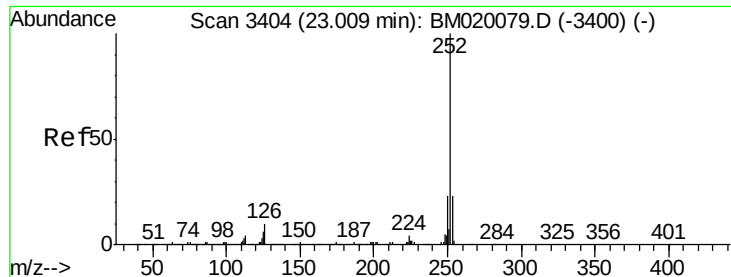


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

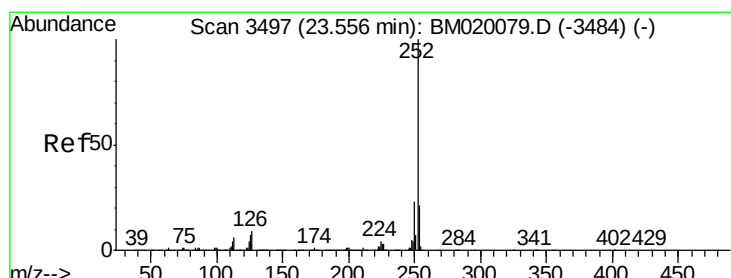
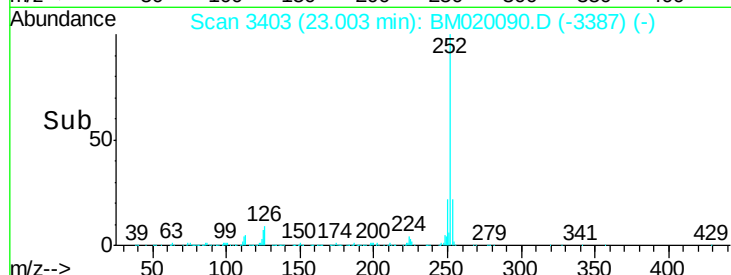
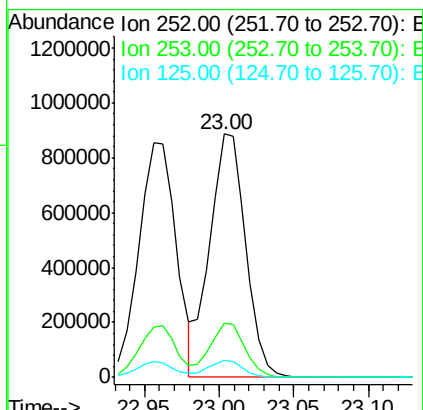
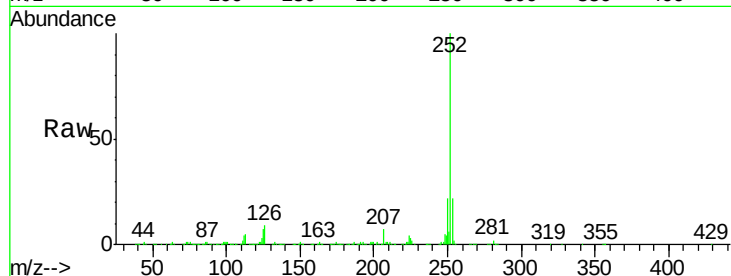




#89
Benzo(k)fluoranthene
Concen: 48.602 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

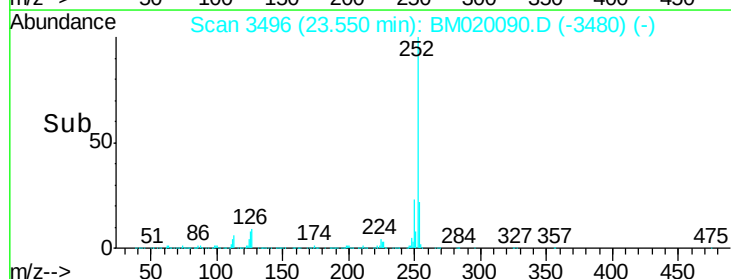
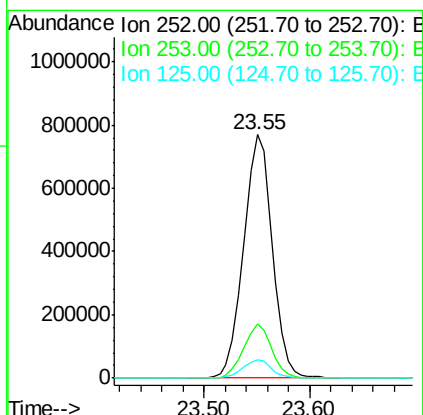
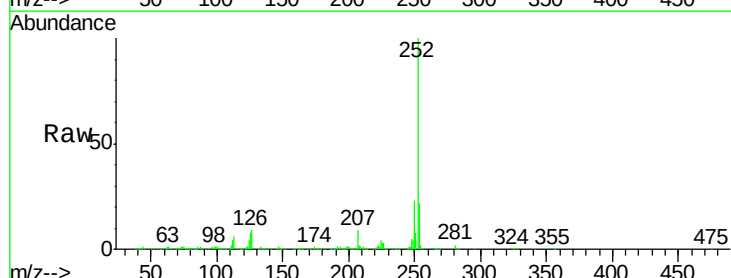
Instrument :
BNA_M
ClientSampled :

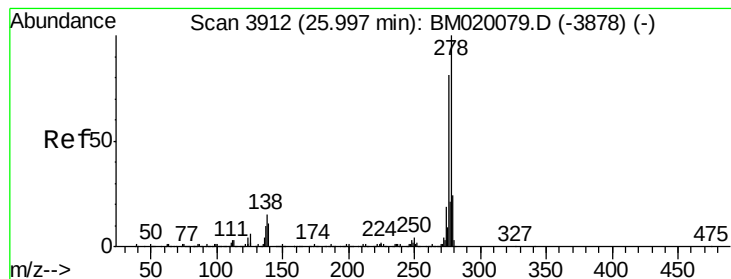
Tot Ion:252 Resp: 1487313
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 7.2 5.4 8.0



#90
Benzo(a)pyrene
Concen: 47.716 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020090.D
Acq: 01 May 2019 15:01

Tgt Ion:252 Resp: 1454016
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 7.5 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 47.860 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

Instrument :

BNA_M

ClientSampleId :

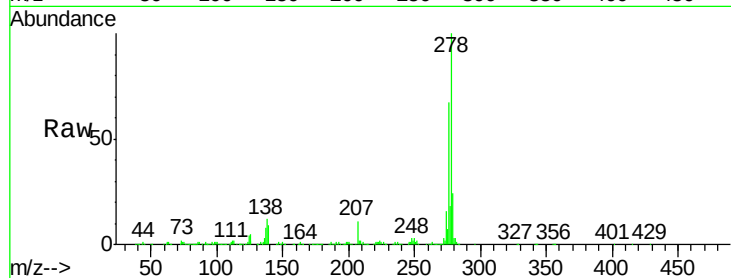
Tot Ion:278 Resp: 1516696

Ion Ratio Lower Upper

278 100

139 9.0 8.6 13.0

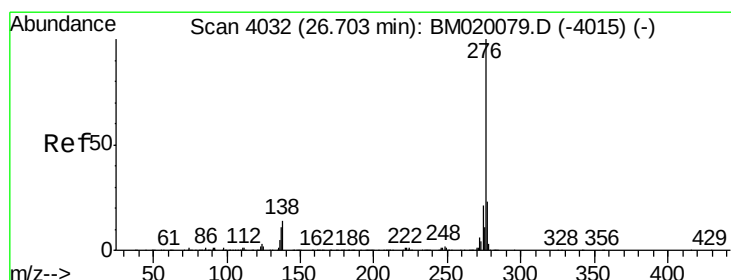
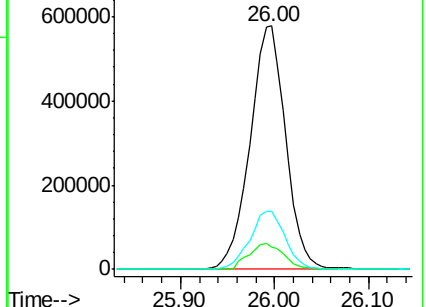
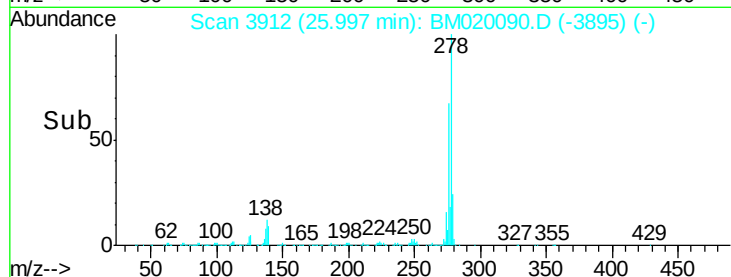
279 23.7 18.8 28.2



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: 49.394 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020090.D

Acq: 01 May 2019 15:01

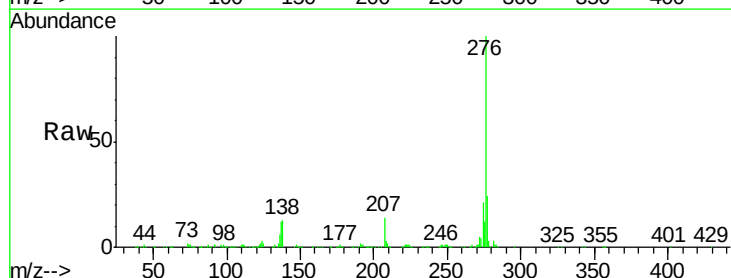
Tgt Ion:276 Resp: 1486115

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 13.1 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

