

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
 Data File : BM020105.D
 Acq On : 02 May 2019 17:09
 Operator : JU/SJ
 Sample : K2551-12DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: May 06 05:50:39 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	124038	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	484853	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	304175	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	744807	20.00	ng	0.00
76) Chrysene-d12	21.36	240	782410	20.00	ng	0.00
87) Perylene-d12	23.64	264	854338	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	200046	26.36	ng	0.00
7) Phenol-d6	6.95	99	302598	29.19	ng	0.00
23) Nitrobenzene-d5	8.95	82	231047	18.81	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	137858	29.20	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	504141	20.39	ng	0.00
79) Terphenyl-d14	19.80	244	942630	21.01	ng	0.00

Target Compounds

						Qvalue
11) bis(2-Chloroethyl)ether	7.22	93	180016	22.193	ng	97
12) 1,3-Dichlorobenzene	7.67	146	214651	22.328	ng	97
13) 1,4-Dichlorobenzene	7.82	146	583792	60.114	ng	96
14) 1,2-Dichlorobenzene	8.14	146	580327	62.723	ng	98
18) Hexachloroethane	8.86	117	101202	24.993	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	202417	22.822	ng	96
24) Nitrobenzene	9.00	77	796893	62.583	ng	98
25) Isophorone	9.51	82	1065673	50.319	ng	99
26) 2-Nitrophenol	9.70	139	86805	22.581	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	254736	22.085	ng	100
30) 1,2,4-Trichlorobenzene	10.45	180	512853	51.647	ng	99
31) Naphthalene	10.63	128	570519	22.675	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	261488	27.572	ng	95
44) 2,4,5-Trichlorophenol	12.92	196	229483	30.372	ng	98
47) 2-Chloronaphthalene	13.30	162	732552	36.646	ng	99
50) Dimethylphthalate	13.89	163	1543712	59.712	ng	99
51) 2,6-Dinitrotoluene	14.02	165	129210	23.730	ng	100
52) Acenaphthene	14.49	154	357409	19.482	ng	98
55) Dibenzofuran	14.83	168	426443	13.781	ng	100
57) 2,4-Dinitrotoluene	14.80	165	302145	40.837	ng	98
58) Fluorene	15.48	166	789276	31.057	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	610083	42.368	ng	96
67) 4-Bromophenyl-phenylether	16.37	248	350094	38.332	ng	98
68) Hexachlorobenzene	16.47	284	166422	15.835	ng	97
71) Phenanthrene	17.22	178	1025108	24.933	ng	99
80) Butylbenzylphthalate	20.50	149	961200	50.318	ng	100
81) Benzo(a)anthracene	21.34	228	1542985	28.121	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	2043884	68.952	ng	99
85) Di-n-octyl phthalate	22.16	149	555258	11.270	ng	99
90) Benzo(a)pyrene	23.54	252	1039841	20.292	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1040628	19.527	ng	99
92) Benzo(a,h,i)perylene	26.68	276	545761	10.787	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020105.D
Acq On : 02 May 2019 17:09
Operator : JU/SJ
Sample : K2551-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

Quant Time: May 06 05:50:39 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

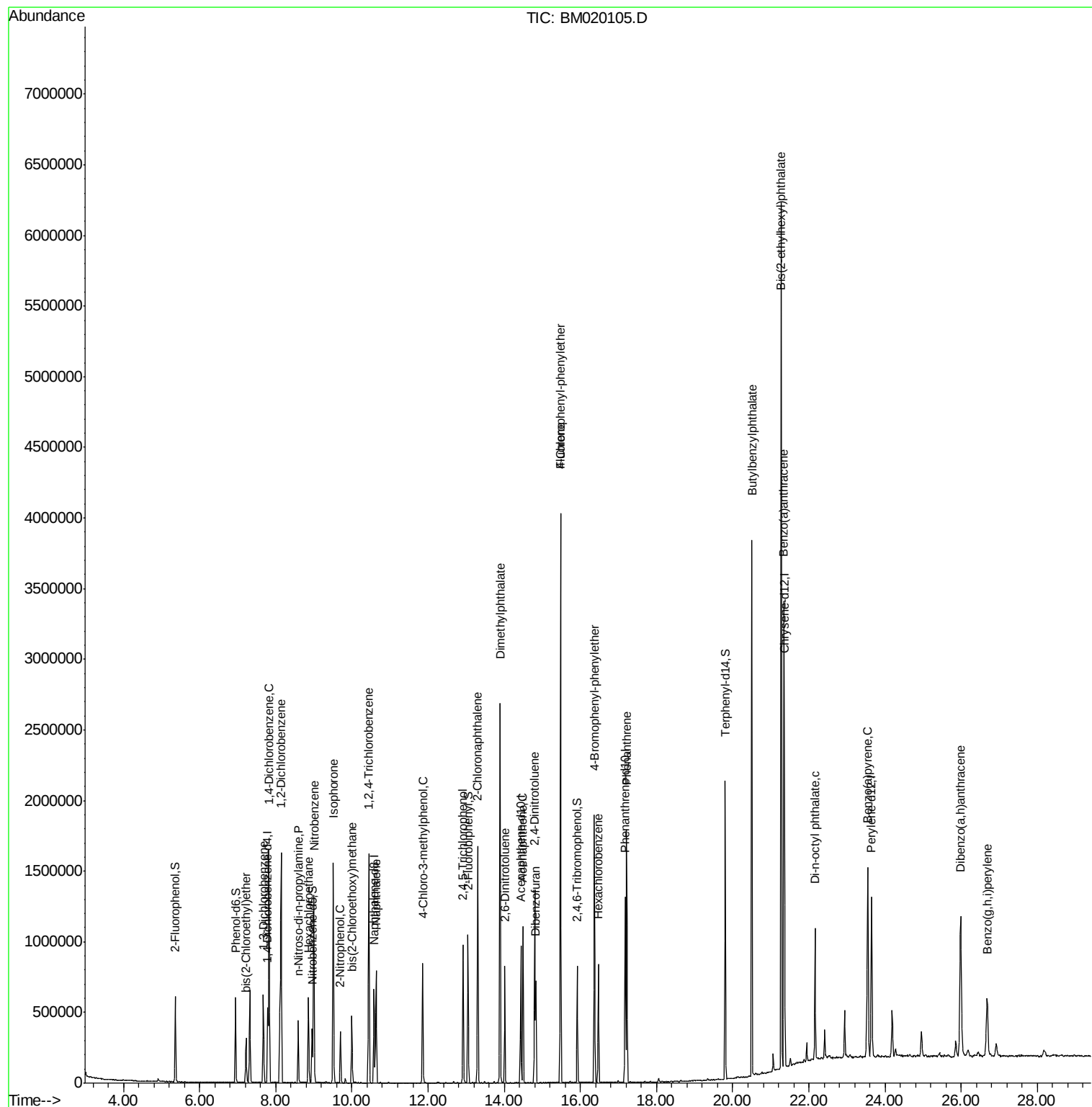
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

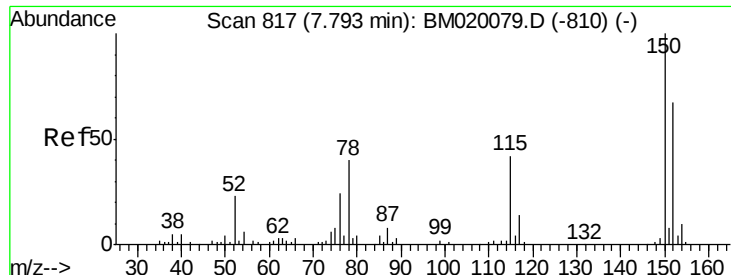
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
Data File : BM020105.D
Acq On : 02 May 2019 17:09
Operator : JU/SJ
Sample : K2551-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

Quant Time: May 06 05:50:39 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



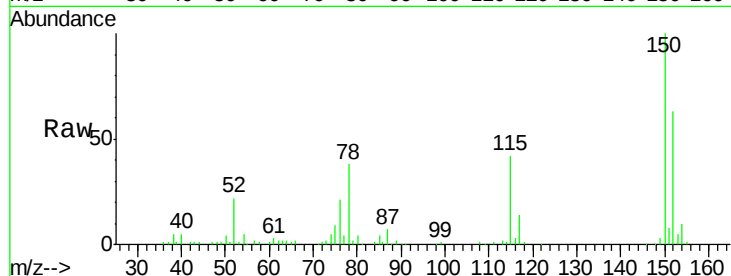


#1

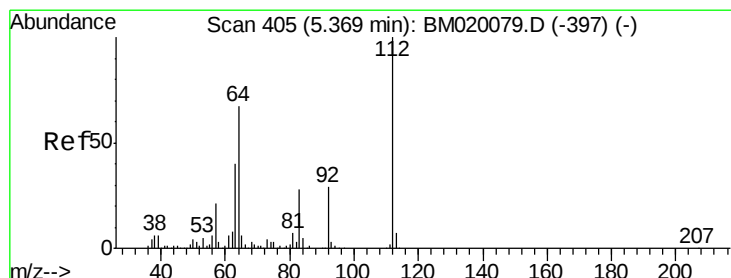
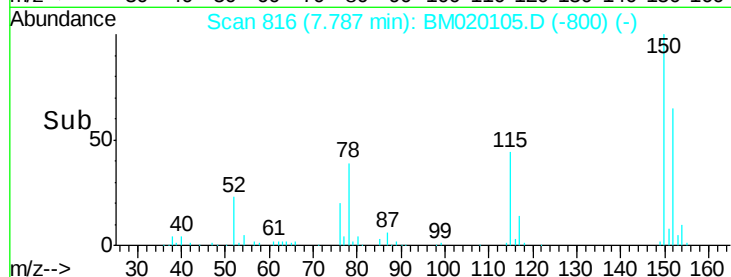
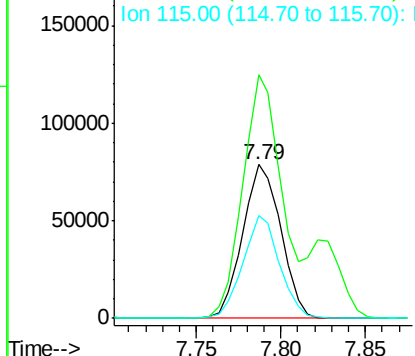
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

Tot Ion:152 Resp: 124038
Ion Ratio Lower Upper
152 100
150 158.5 119.8 179.8
115 67.1 50.8 76.2



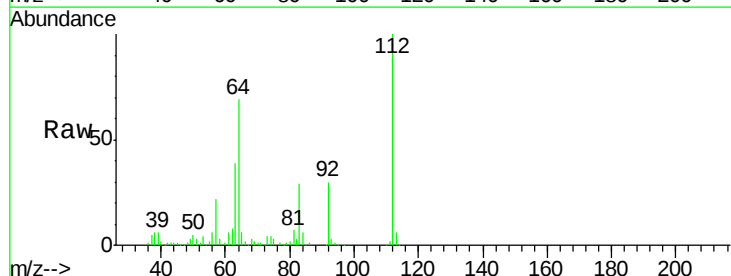
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



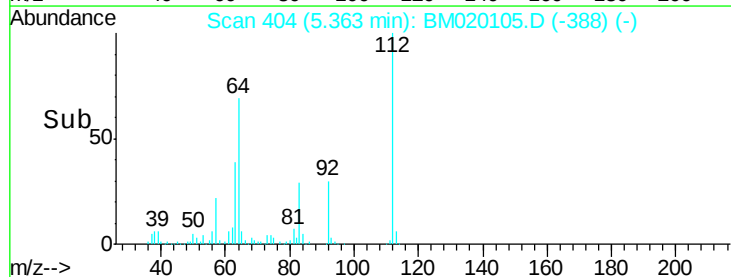
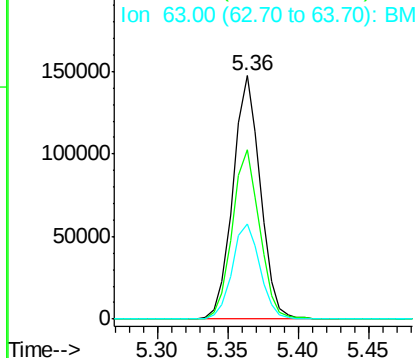
#5

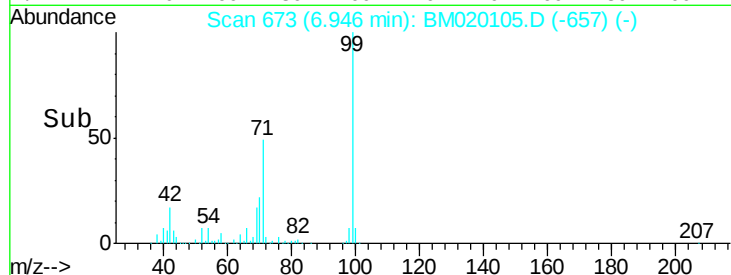
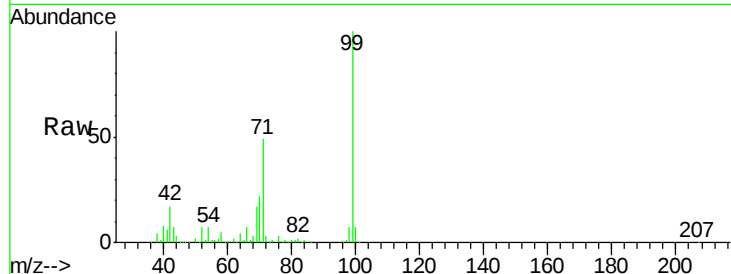
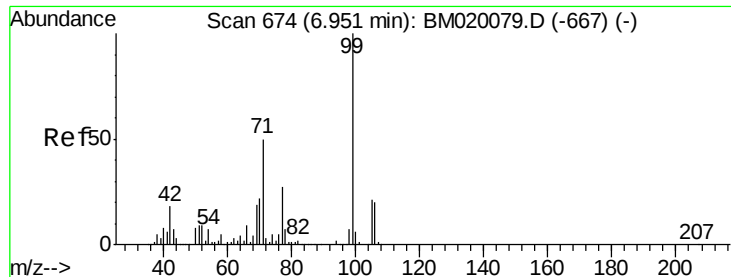
2-Fluorophenol
Concen: 26.362 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:112 Resp: 200046
Ion Ratio Lower Upper
112 100
64 69.4 53.8 80.6
63 38.9 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 29.189 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampled :

PT-BNA-SOILD

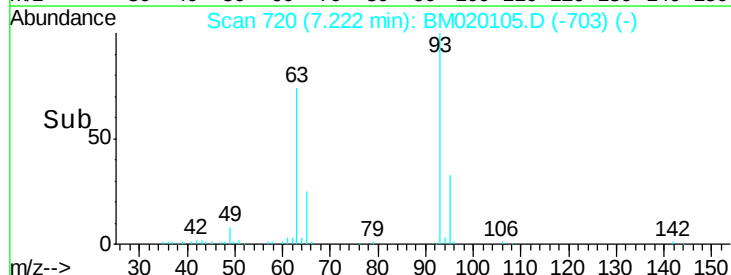
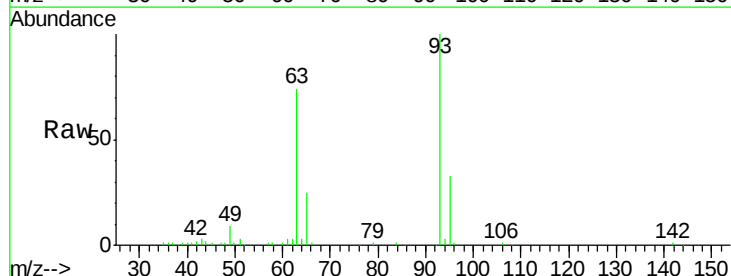
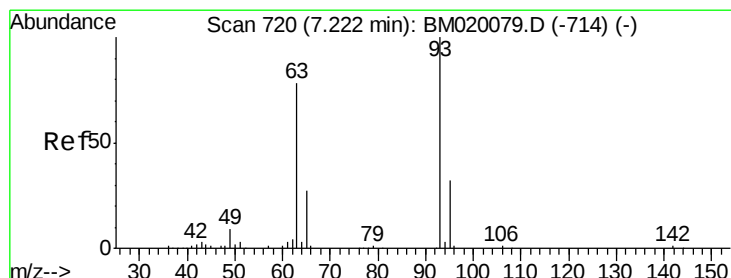
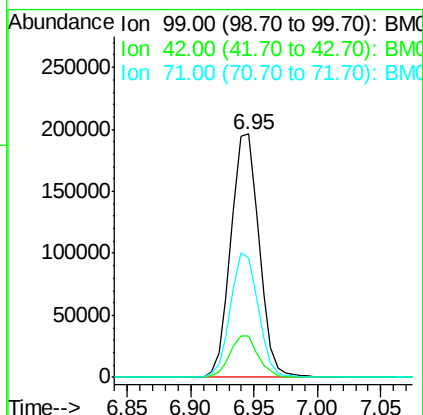
Tot Ion: 99 Resp: 302598

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

71 49.0 40.3 60.5



#11

bis(2-Chloroethyl)ether

Concen: 22.193 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

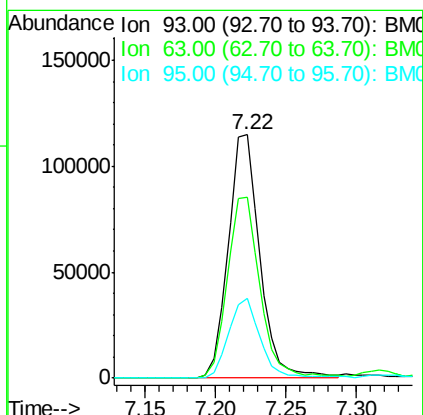
Tgt Ion: 93 Resp: 180016

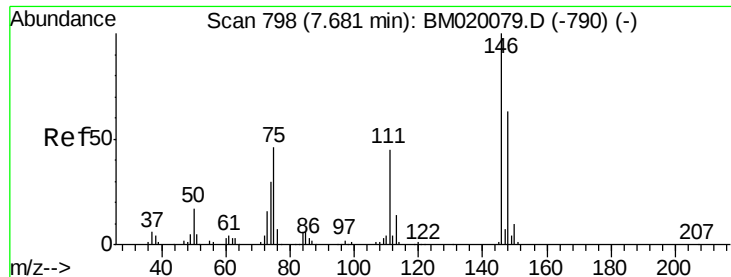
Ion Ratio Lower Upper

93 100

63 74.4 57.9 97.9

95 32.5 11.3 51.3





#12

1,3-Dichlorobenzene

Concen: 22.328 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

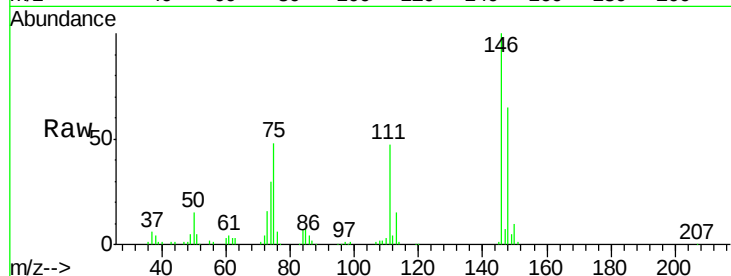
Tot Ion:146 Resp: 214651

Ion Ratio Lower Upper

146 100

148 64.8 50.1 75.1

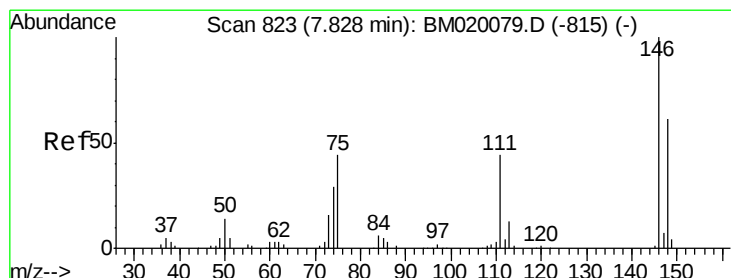
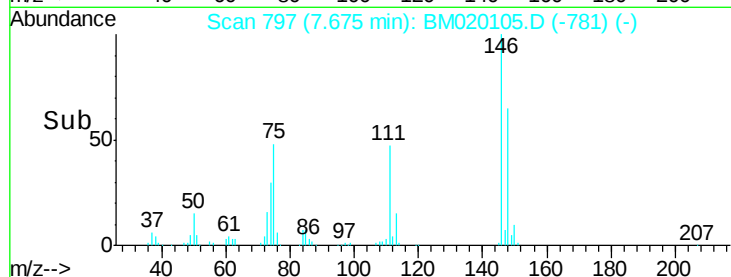
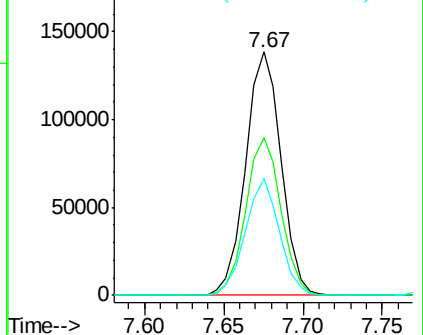
75 47.9 37.2 55.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 60.114 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

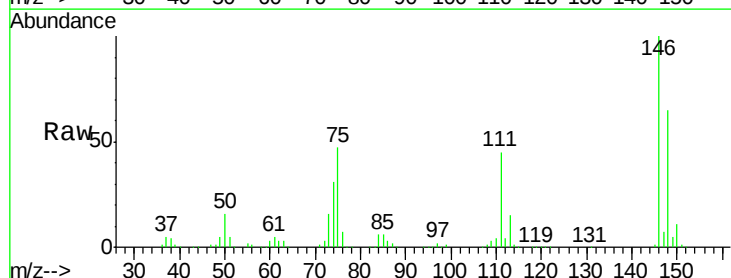
Tgt Ion:146 Resp: 583792

Ion Ratio Lower Upper

146 100

148 65.0 48.5 72.7

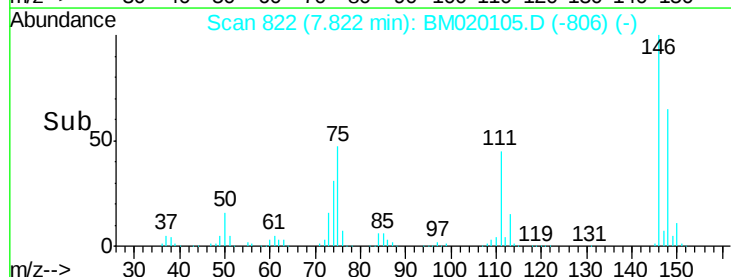
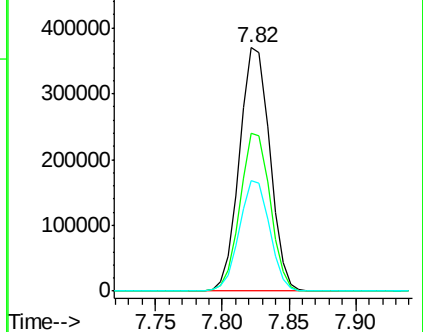
111 45.2 35.7 53.5

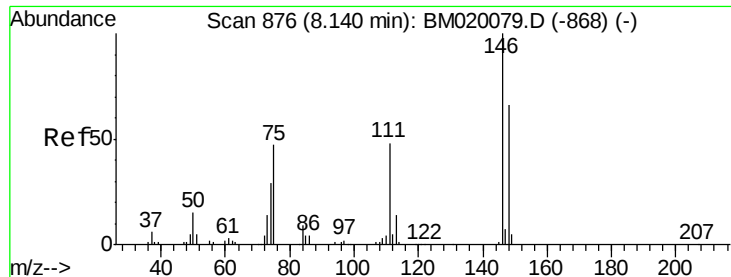


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 62.723 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

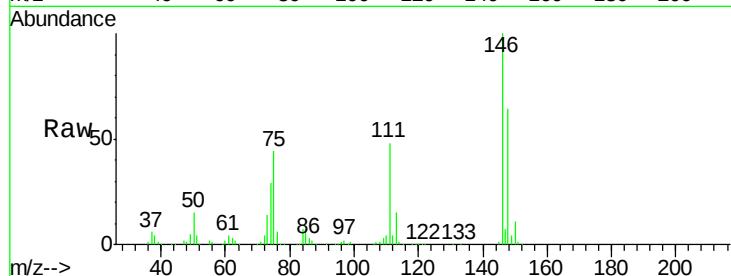
Tot Ion:146 Resp: 580327

Ion Ratio Lower Upper

146 100

148 64.0 52.6 79.0

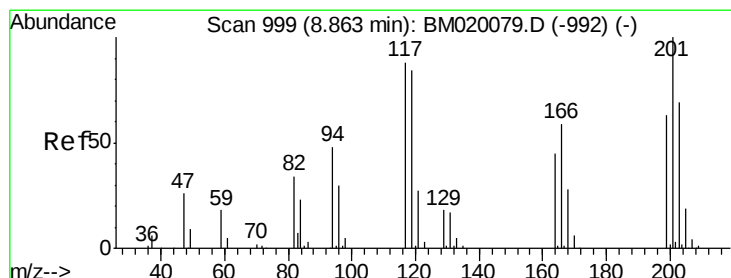
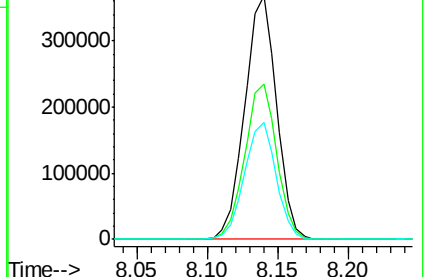
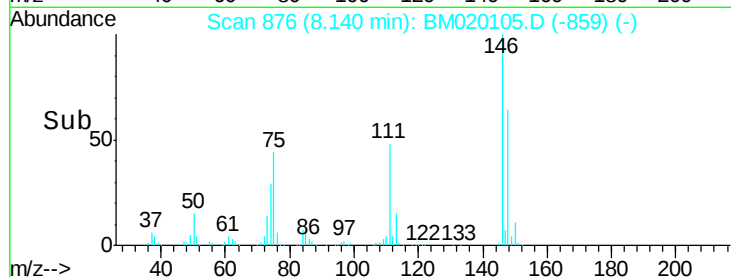
111 47.8 39.0 58.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#18

Hexachloroethane

Concen: 24.993 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

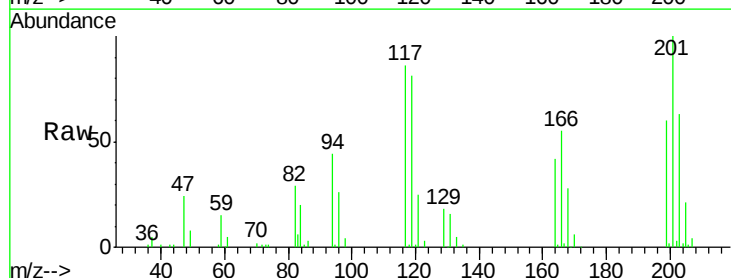
Tgt Ion:117 Resp: 101202

Ion Ratio Lower Upper

117 100

119 93.8 76.6 114.8

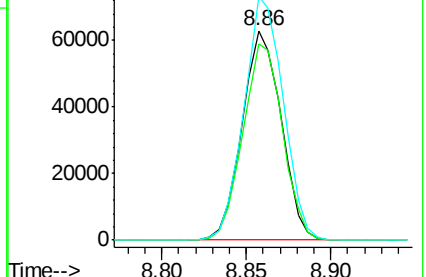
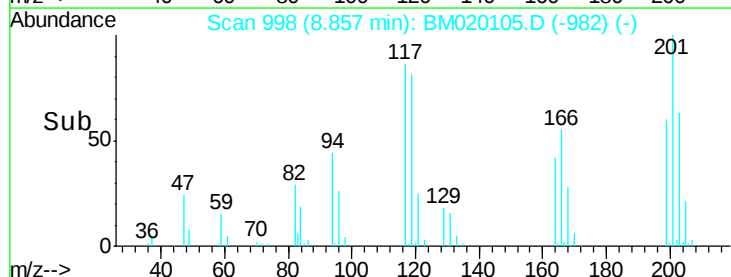
201 116.2 90.7 136.1

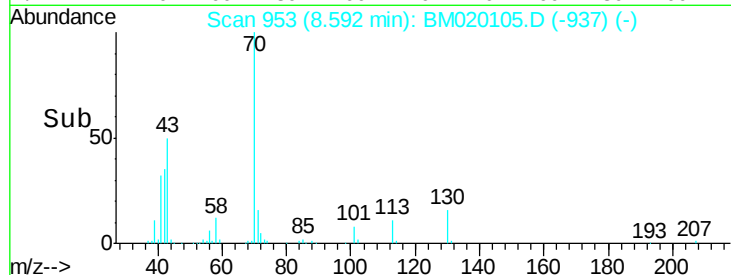
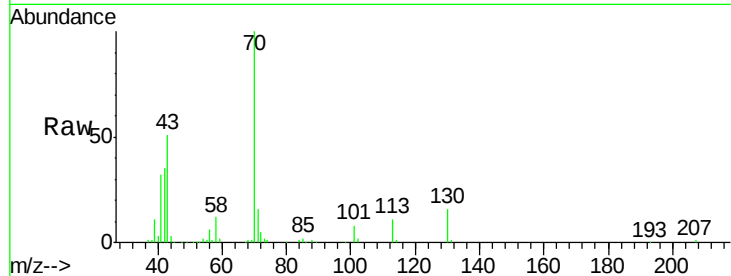
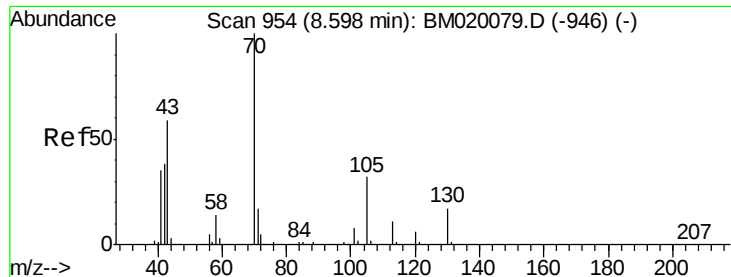


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

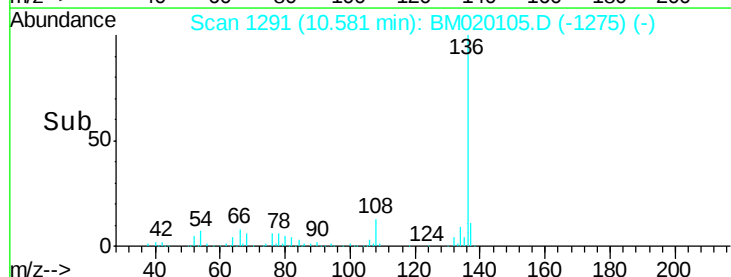
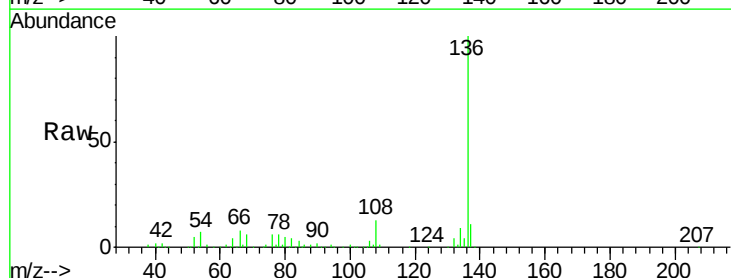
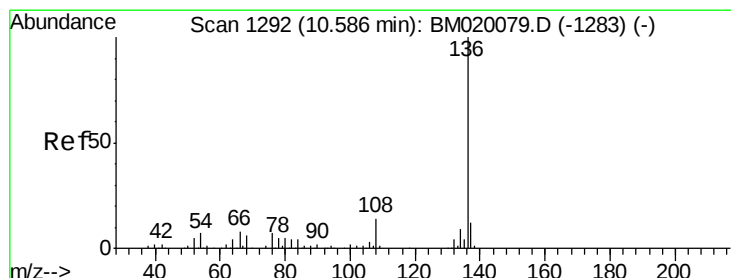
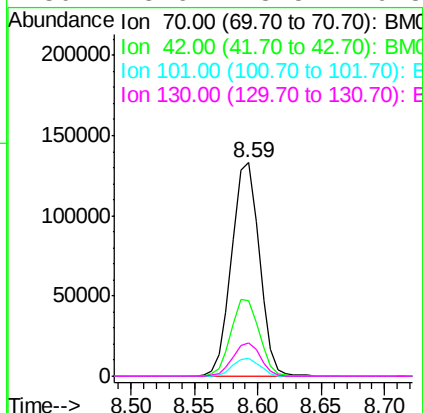




#19
n-Nitroso-di-n-propylamine
Concen: 22.822 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

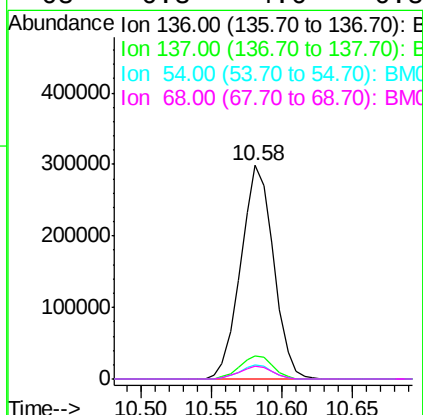
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

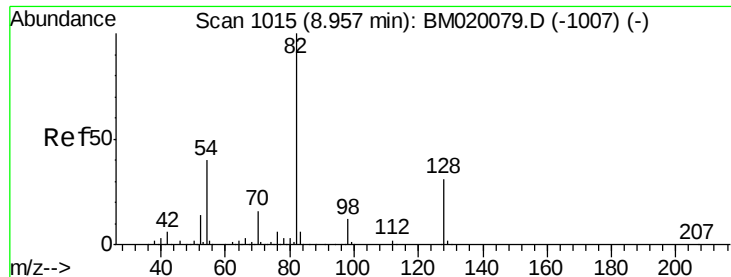
Tot Ion:	70	Resp:	202417
Ion	Ratio	Lower	Upper
70	100		
42	35.4	31.0	46.4
101	8.4	6.2	9.2
130	15.6	13.5	20.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:	136	Resp:	484853
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	6.7	5.5	8.3
68	6.3	4.6	6.8

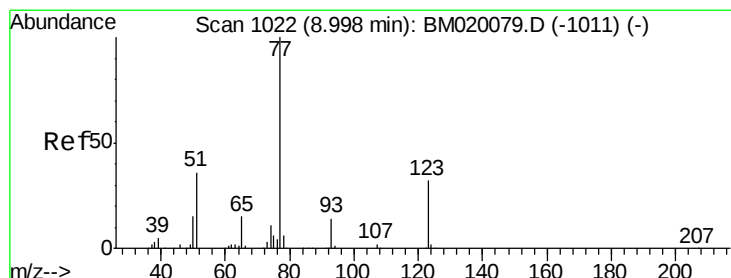
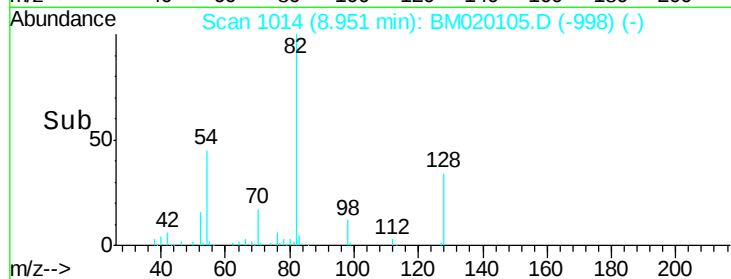
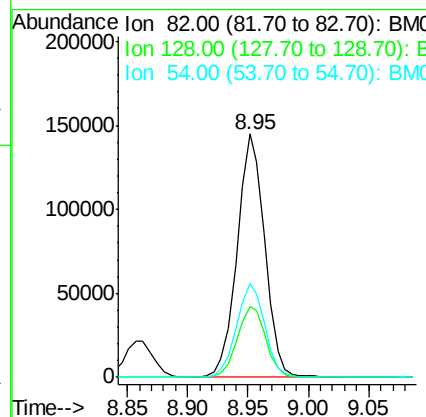
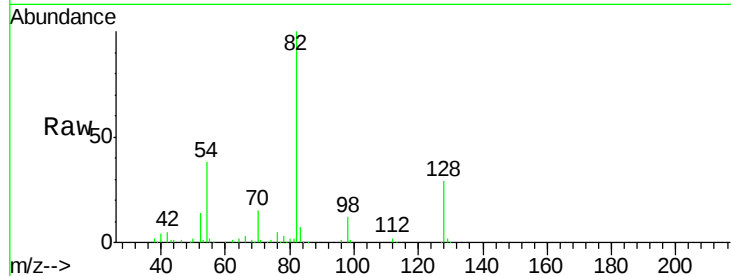




#23
 Nitrobenzene-d5
 Concen: 18.813 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020105.D
 Acq: 02 May 2019 17:09

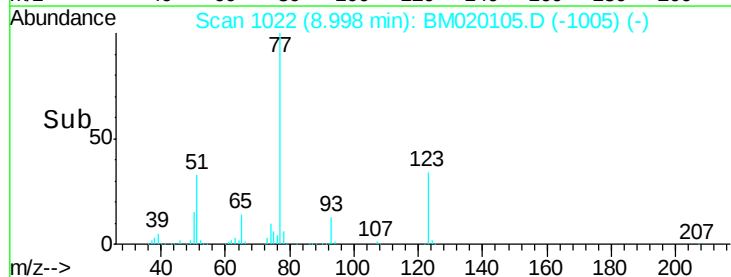
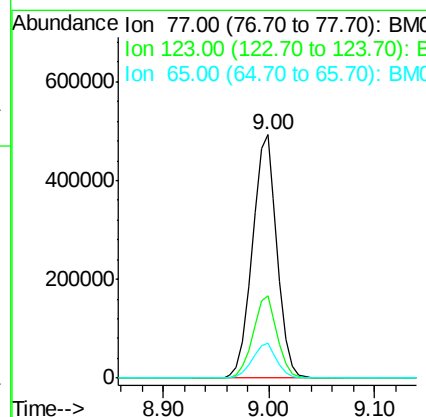
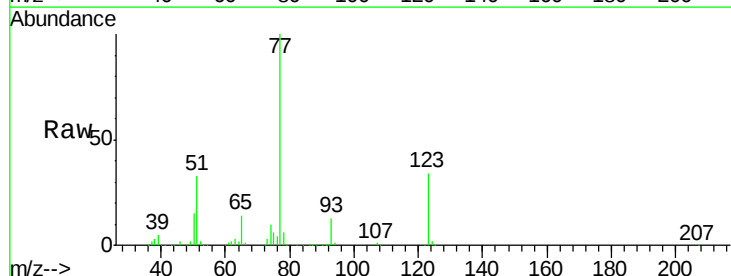
Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

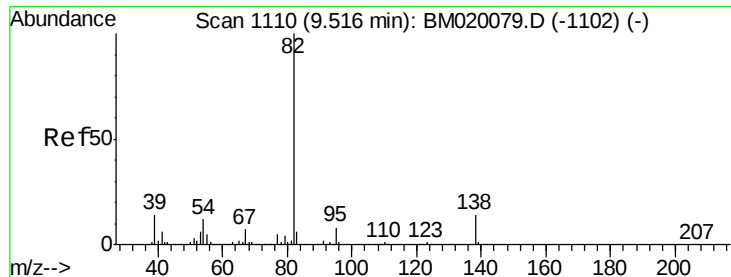
Tot Ion	82	Resp	231047
Ion Ratio	Lower	Upper	
82	100		
128	29.3	25.2	37.8
54	38.4	31.9	47.9



#24
 Nitrobenzene
 Concen: 62.583 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020105.D
 Acq: 02 May 2019 17:09

Tgt Ion	77	Resp	796893
Ion Ratio	Lower	Upper	
77	100		
123	33.6	25.5	38.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 50.319 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

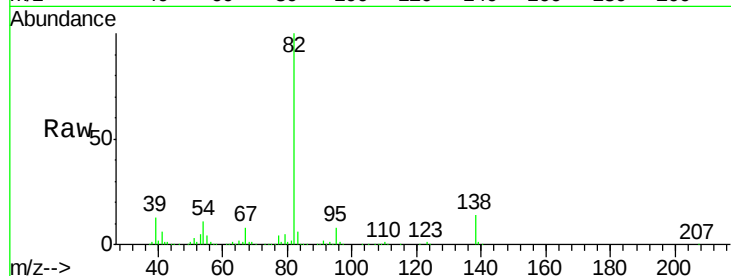
Tot Ion: 82 Resp: 1065673

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

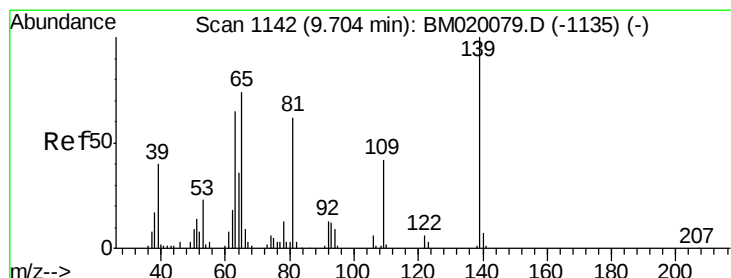
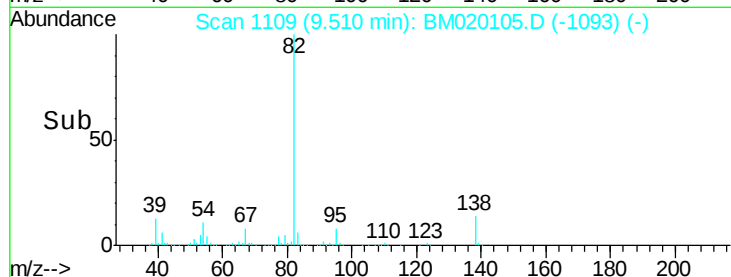
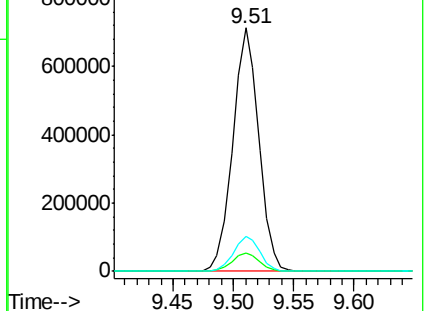
138 14.2 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020105.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020105.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020105.D (-1102) (-)



#26

2-Nitrophenol

Concen: 22.581 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

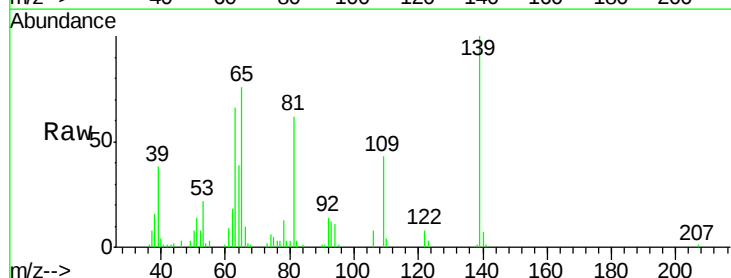
Tgt Ion: 139 Resp: 86805

Ion Ratio Lower Upper

139 100

109 42.7 33.7 50.5

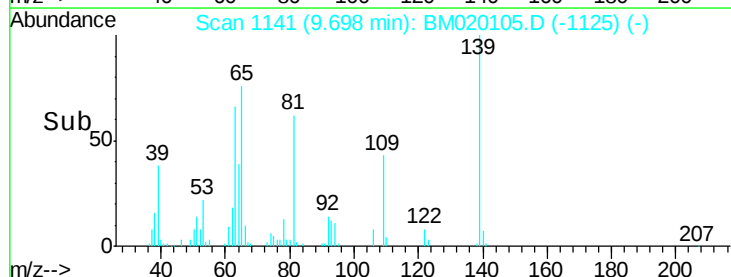
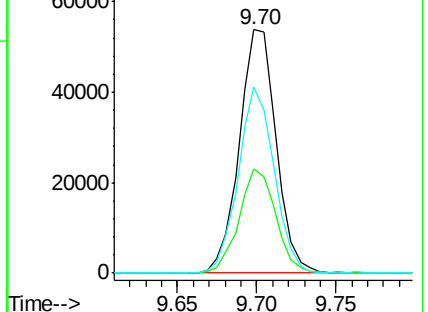
65 76.3 59.5 89.3

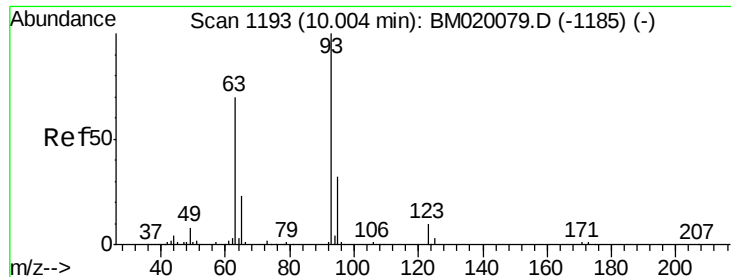


Abundance Ion 139.00 (138.70 to 139.70): BM020105.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020105.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020105.D (-1135) (-)

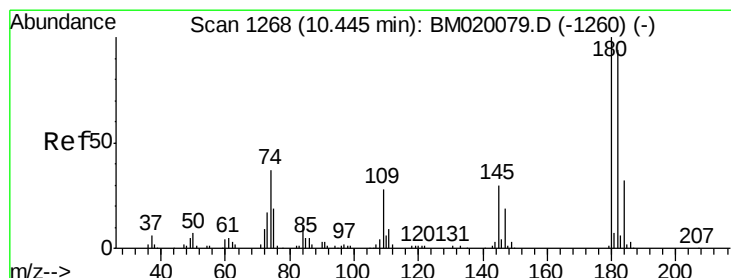
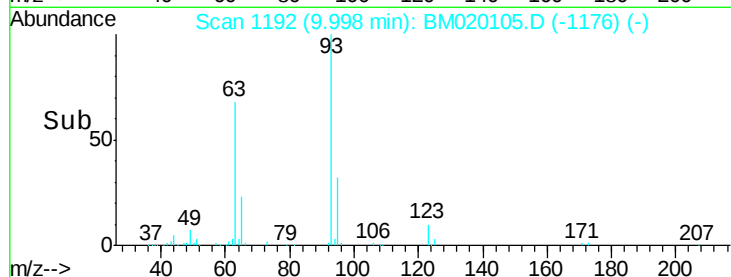
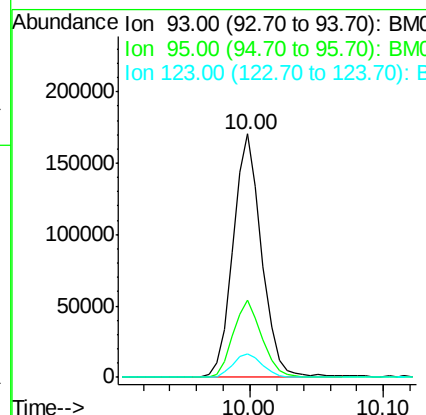
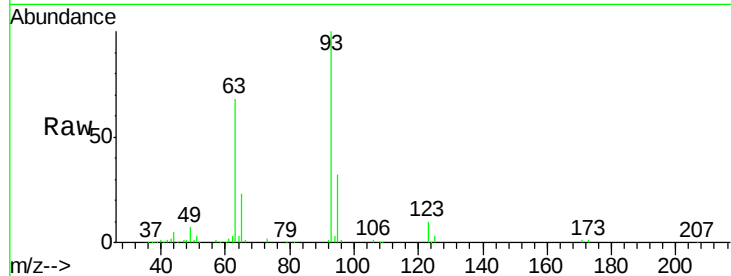




#28
bis(2-Chloroethoxy)methane
Concen: 22.085 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

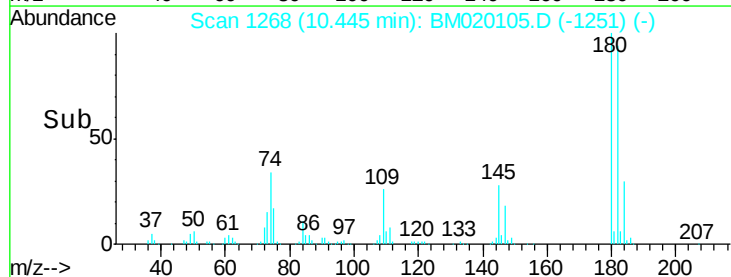
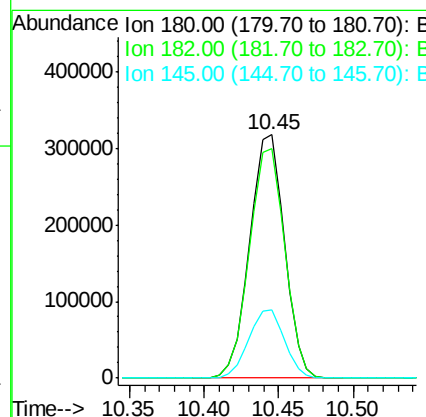
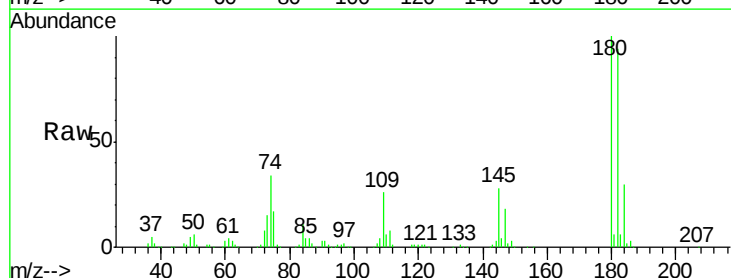
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

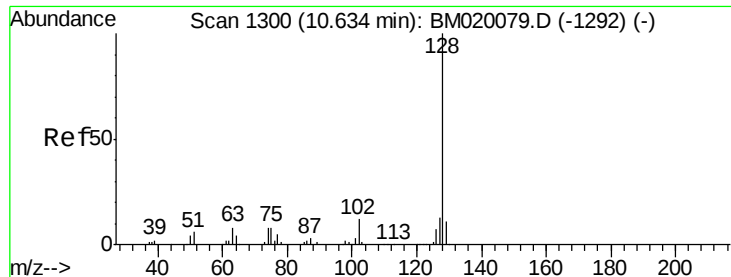
Tot Ion: 93 Resp: 254736
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 9.6 7.6 11.4



#30
1,2,4-Trichlorobenzene
Concen: 51.647 ng
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion: 180 Resp: 512853
Ion Ratio Lower Upper
180 100
182 94.4 75.4 113.0
145 28.1 23.8 35.8

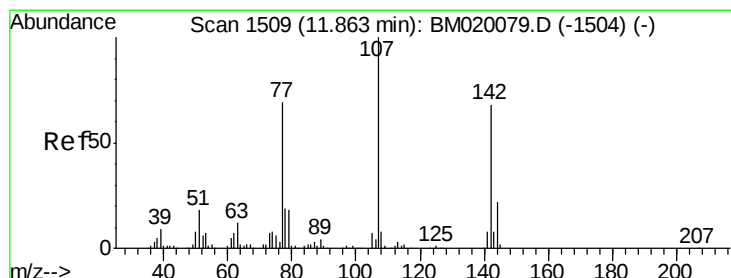
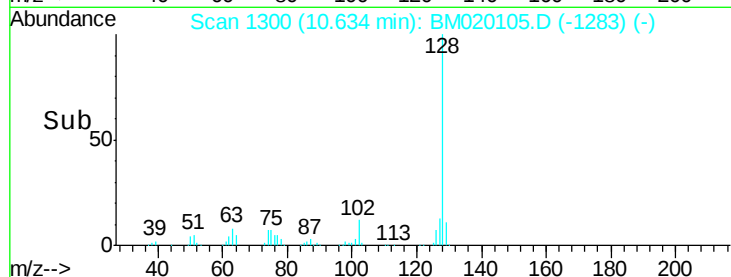
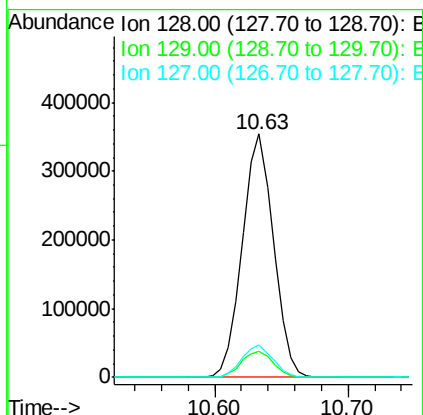
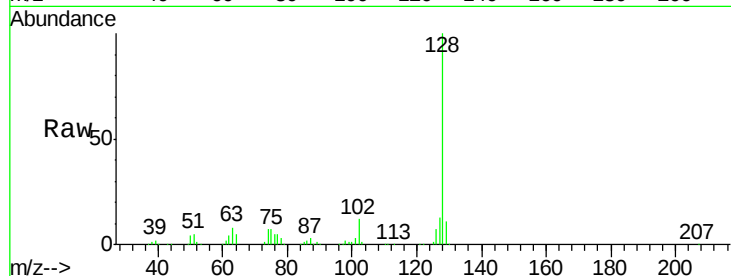




#31
Naphthalene
Concen: 22.675 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

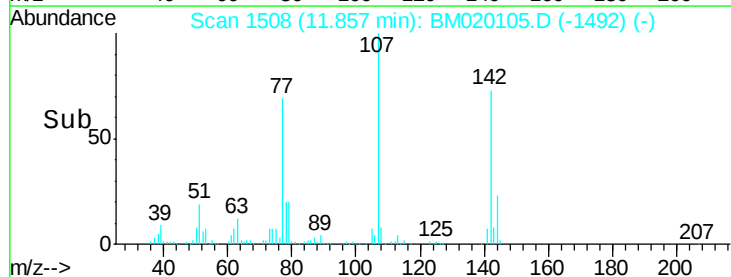
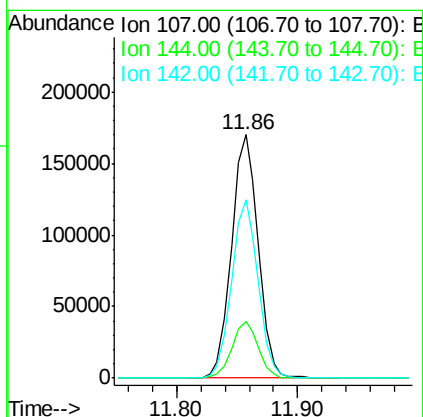
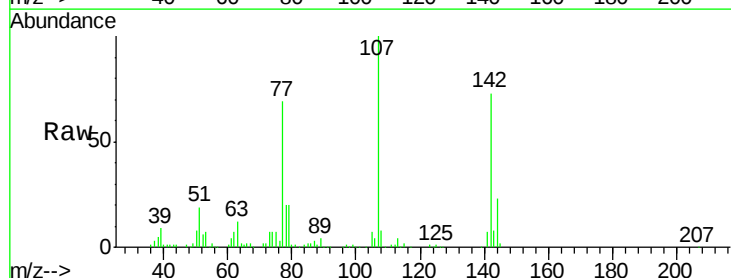
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

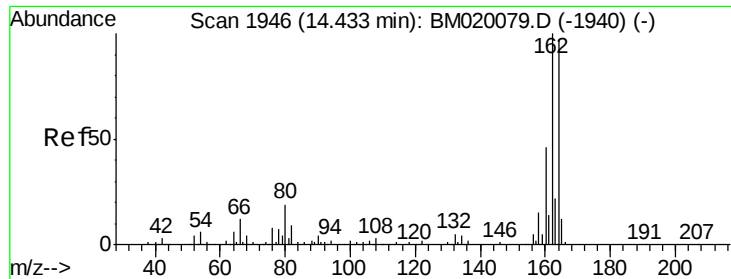
Tot Ion:128 Resp: 570519
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.5 10.4 15.6



#36
4-Chloro-3-methylphenol
Concen: 27.572 ng
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:107 Resp: 261488
Ion Ratio Lower Upper
107 100
144 23.3 17.6 26.4
142 73.4 54.6 82.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleID :

PT-BNA-SOILD

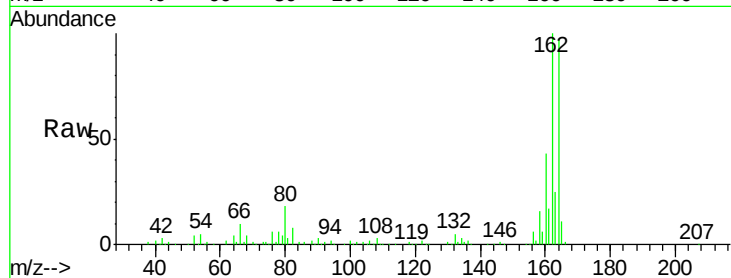
Tot Ion:164 Resp: 304175

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.2

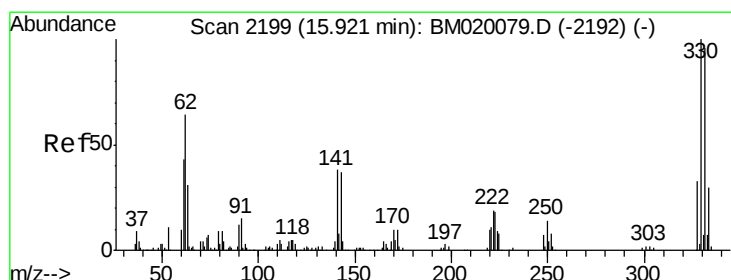
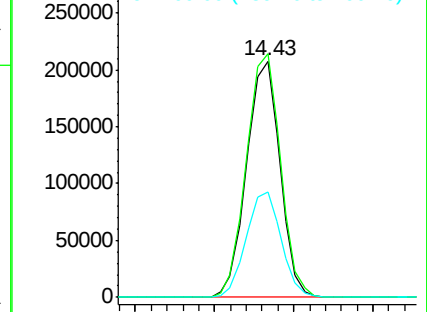
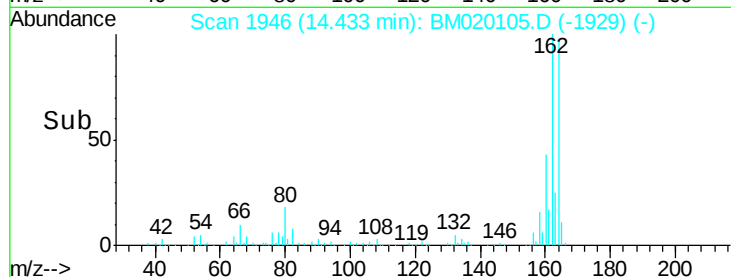
160 44.8 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 29.199 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

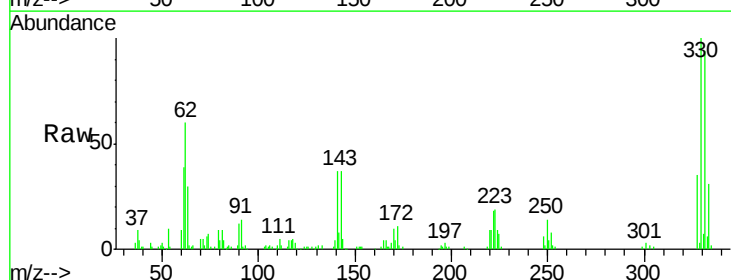
Tgt Ion:330 Resp: 137858

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

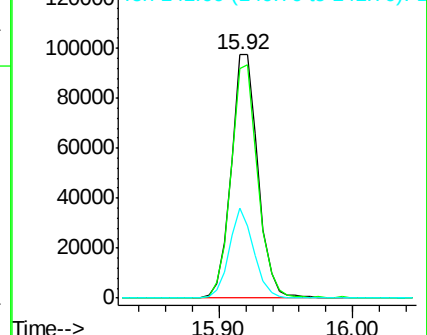
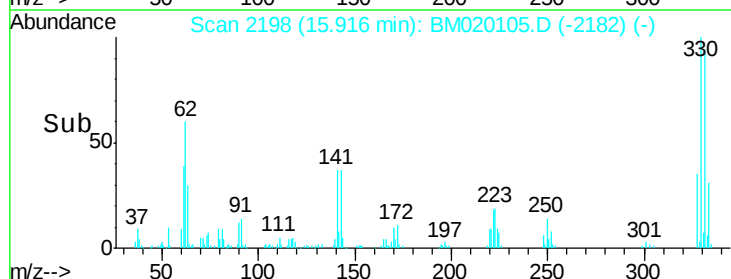
141 34.0 29.2 43.8

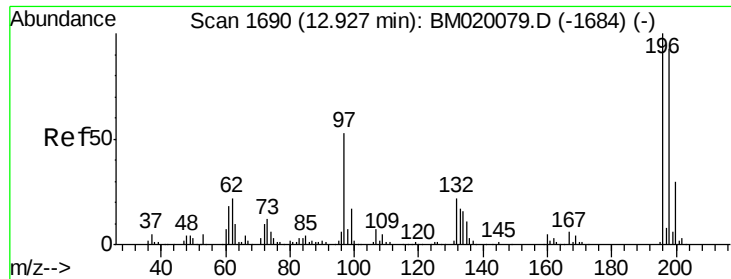


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

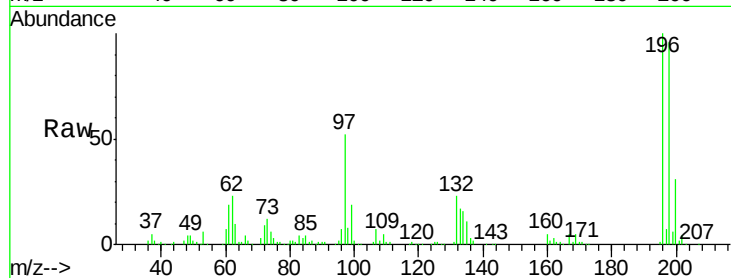




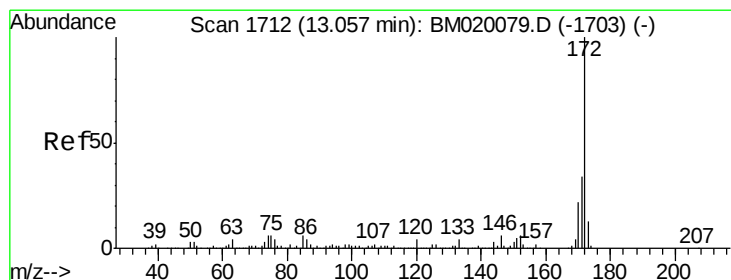
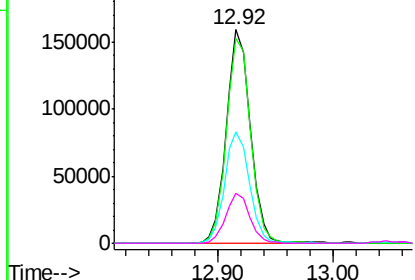
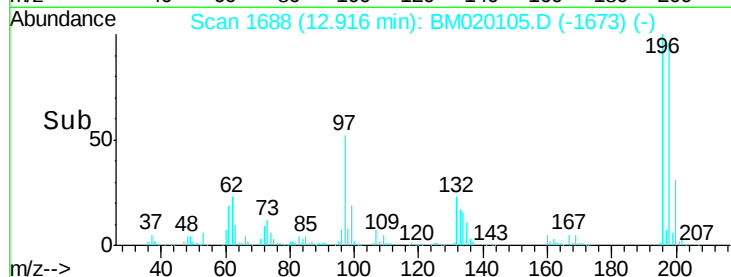
#44
 2,4,5-Trichlorophenol
 Concen: 30.372 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020105.D
 Acq: 02 May 2019 17:09

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	196	Resp	229483
Ion Ratio	Lower	Upper	
196	100		
198	95.7	74.7	112.1
97	52.2	42.2	63.4
132	23.3	17.8	26.8

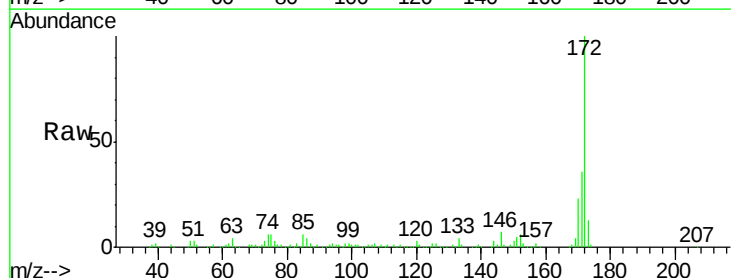


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

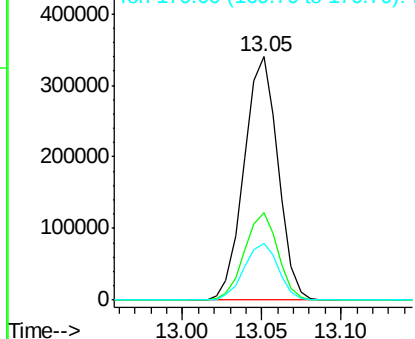
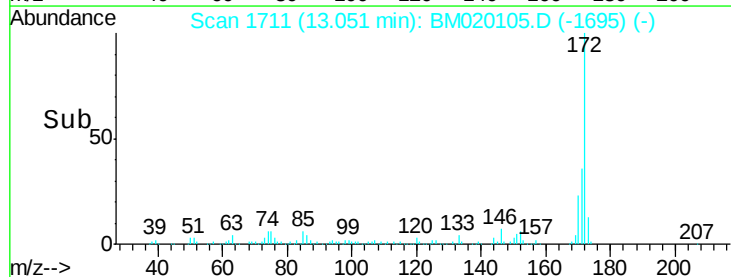


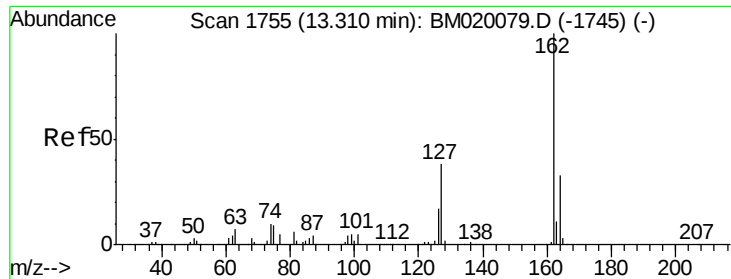
#45
 2-Fluorobiphenyl
 Concen: 20.392 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020105.D
 Acq: 02 May 2019 17:09

Tgt Ion	172	Resp	504141
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.3	40.9
170	23.2	17.9	26.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

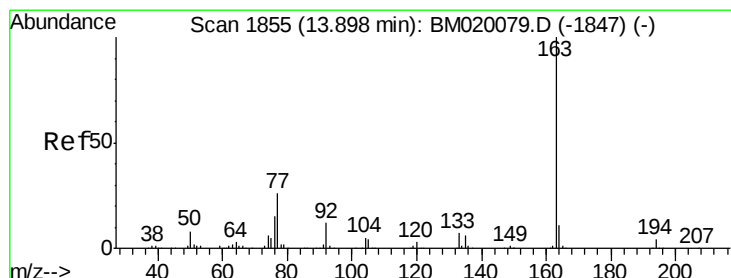
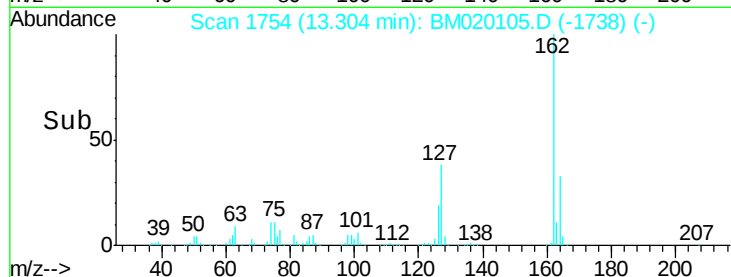
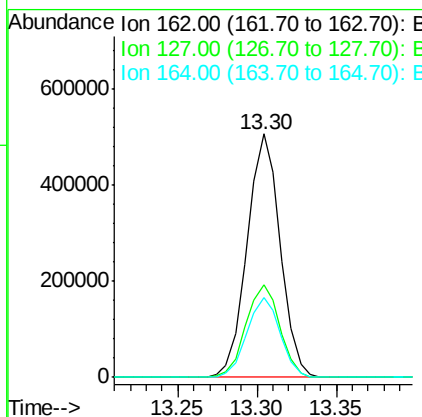
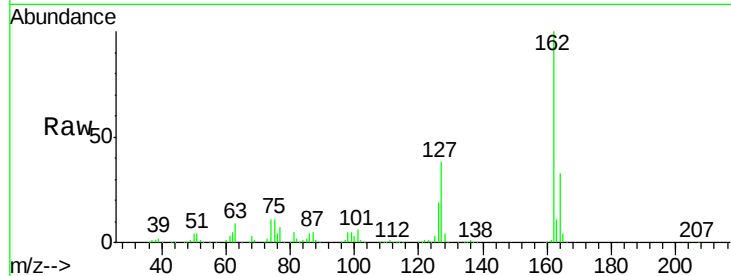




#47
2-Chloronaphthalene
Concen: 36.646 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

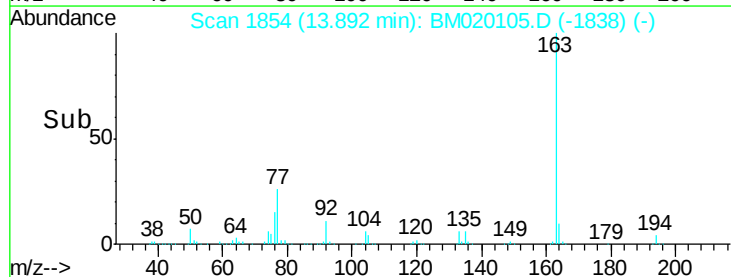
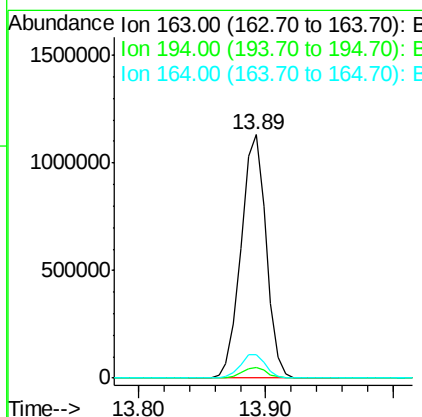
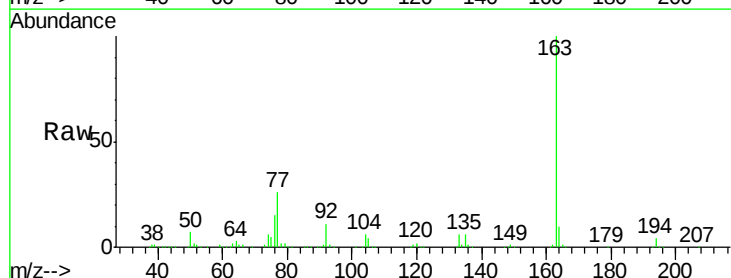
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

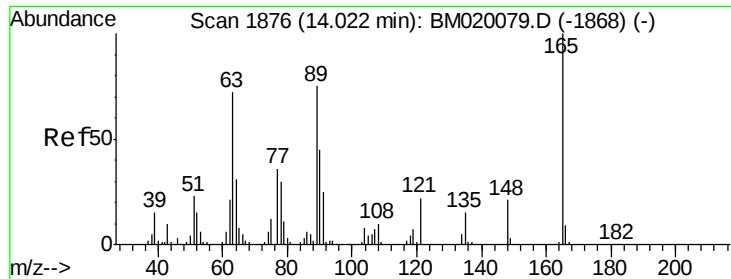
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.4
164	32.9	26.2	39.2



#50
Dimethylphthalate
Concen: 59.712 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.8	8.4	12.6

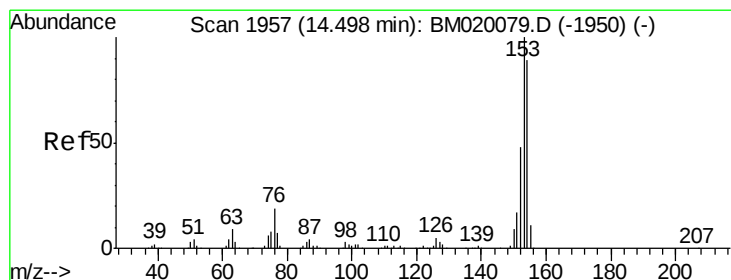
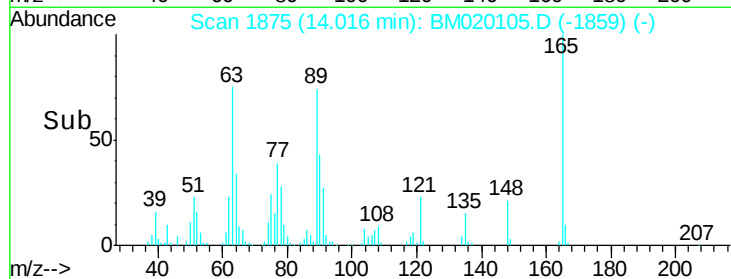
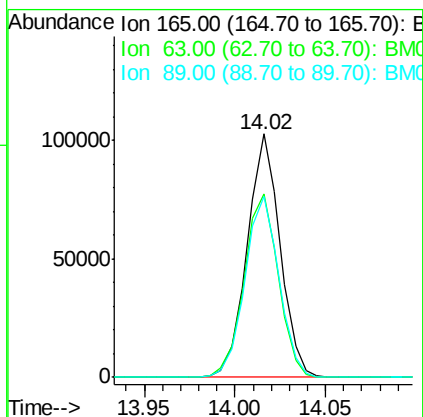
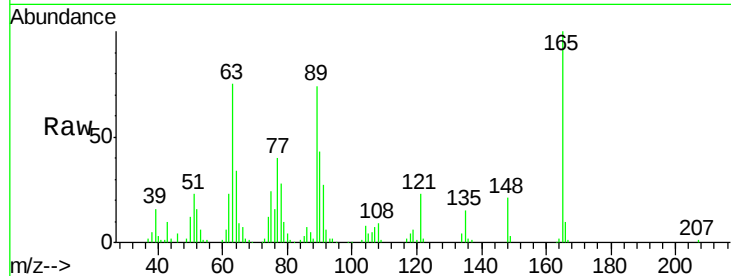




#51
2,6-Dinitrotoluene
Concen: 23.730 ng
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

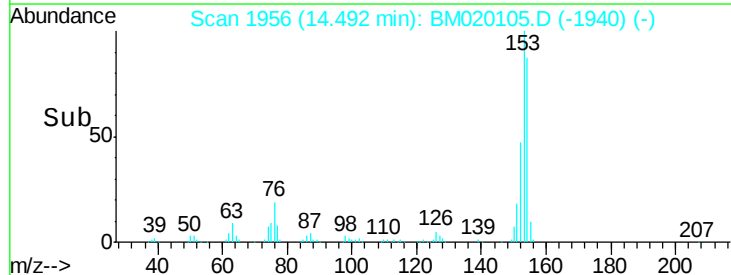
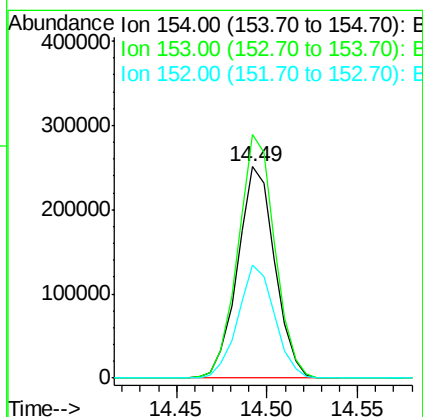
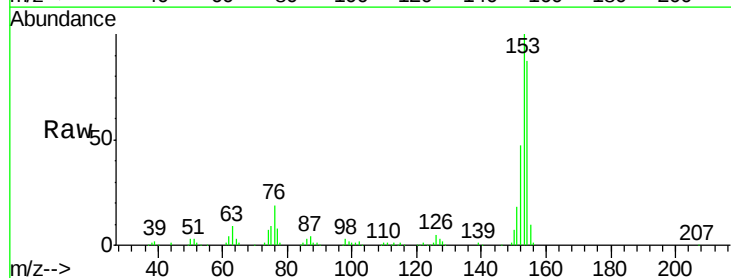
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

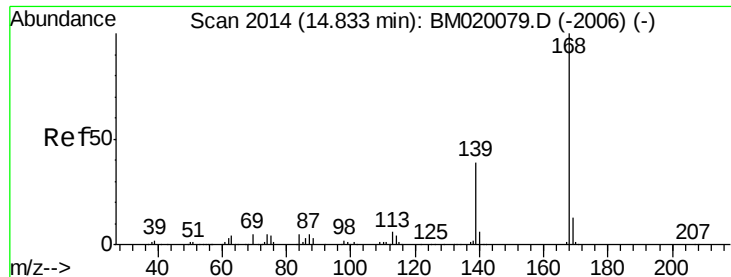
Tot Ion:165 Resp: 129210
Ion Ratio Lower Upper
165 100
63 75.4 60.3 90.5
89 74.2 59.8 89.6



#52
Acenaphthene
Concen: 19.482 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:154 Resp: 357409
Ion Ratio Lower Upper
154 100
153 115.3 90.2 135.2
152 53.7 43.0 64.4

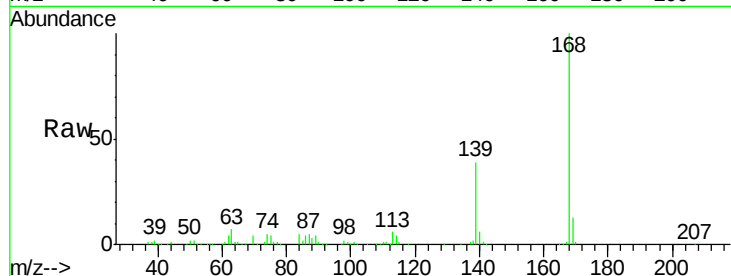




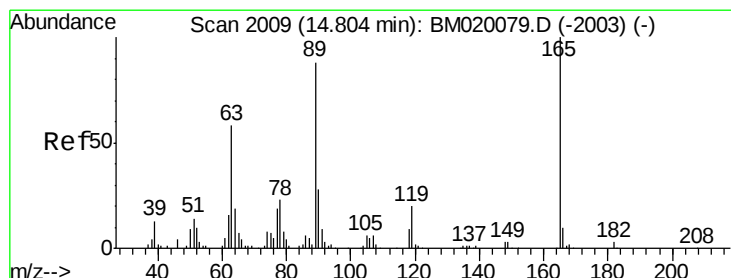
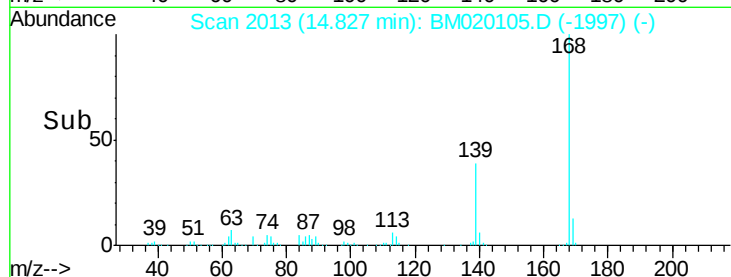
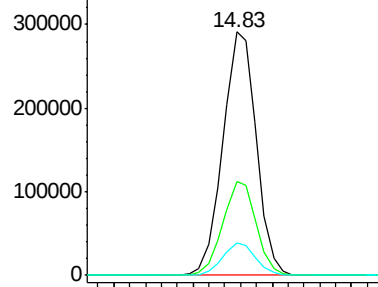
#55
Dibenzofuran
Concen: 13.781 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILD

Tot Ion:168 Resp: 426443
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 13.3 10.6 16.0

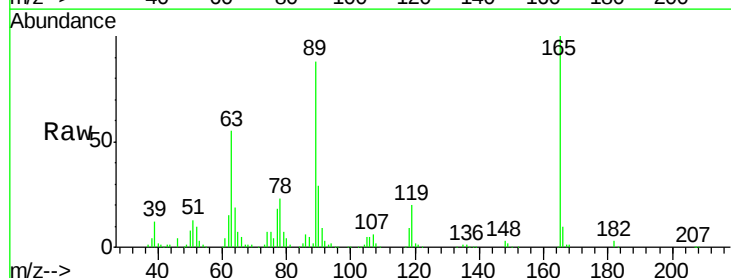


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

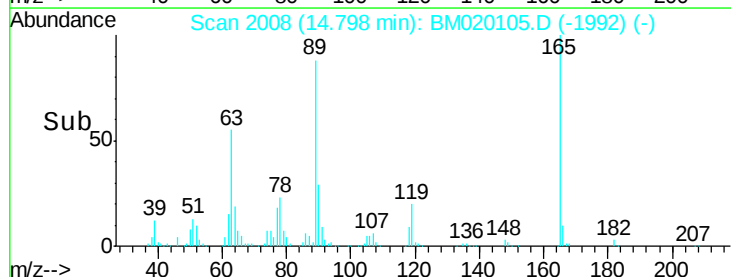
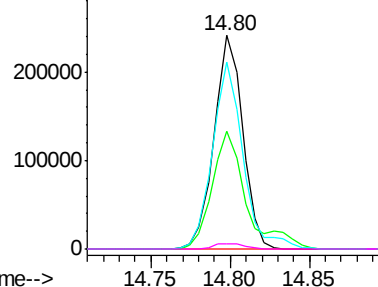


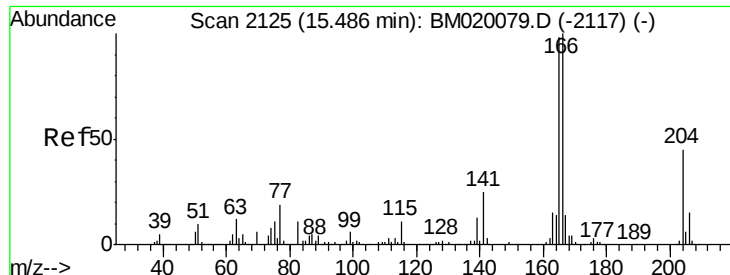
#57
2,4-Dinitrotoluene
Concen: 40.837 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion:165 Resp: 302145
Ion Ratio Lower Upper
165 100
63 54.9 46.2 69.2
89 87.6 70.6 105.8
182 2.5 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: 31.057 ng

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleID :

PT-BNA-SOILD

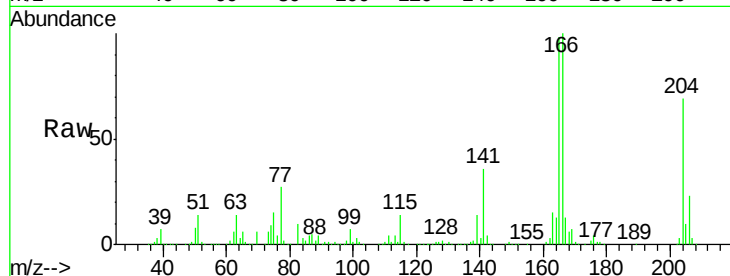
Tot Ion:166 Resp: 789276

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.2

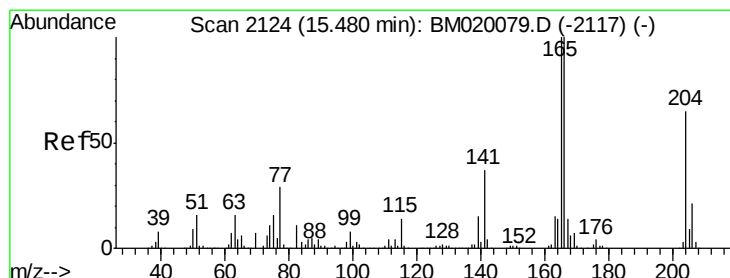
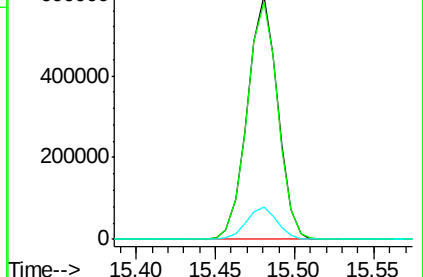
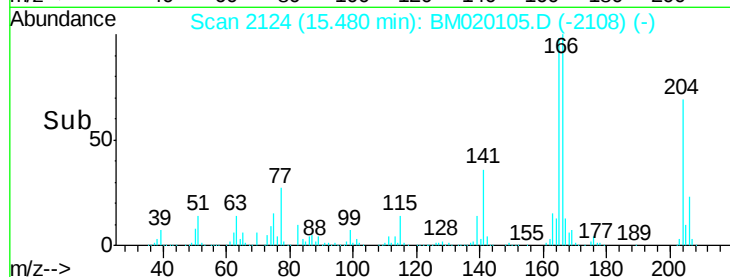
167 13.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Chlorophenyl-phenylether

Concen: 42.368 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

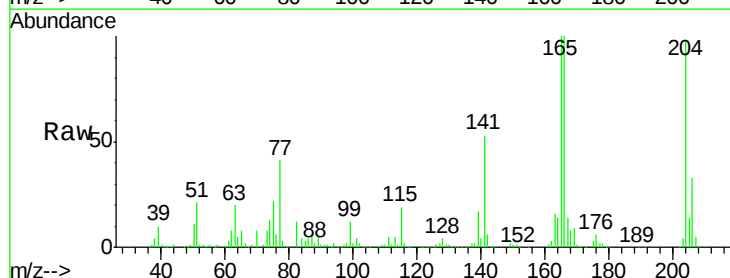
Tgt Ion:204 Resp: 610083

Ion Ratio Lower Upper

204 100

206 34.1 25.6 38.4

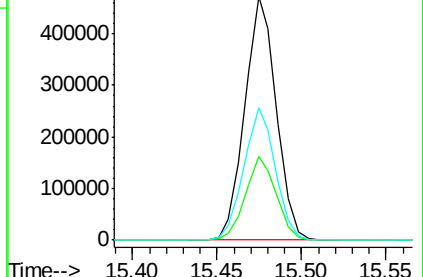
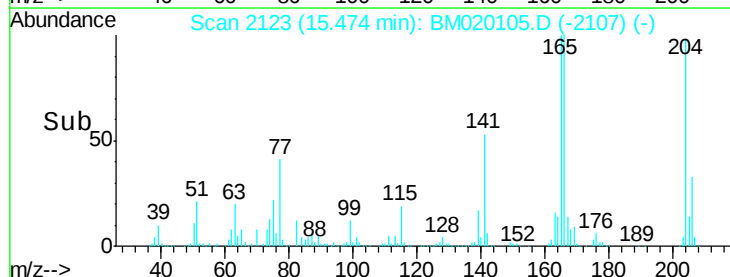
141 54.3 46.1 69.1

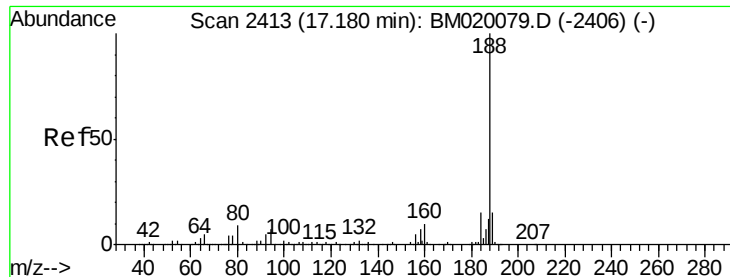


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

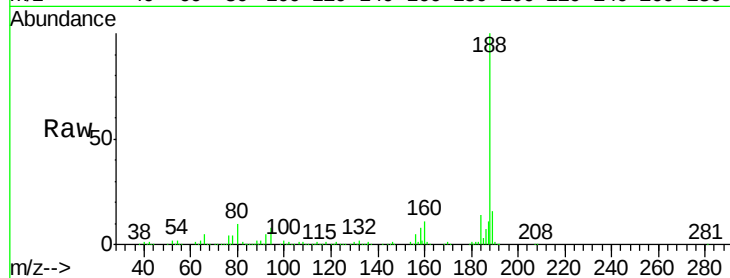
Tot Ion:188 Resp: 744807

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

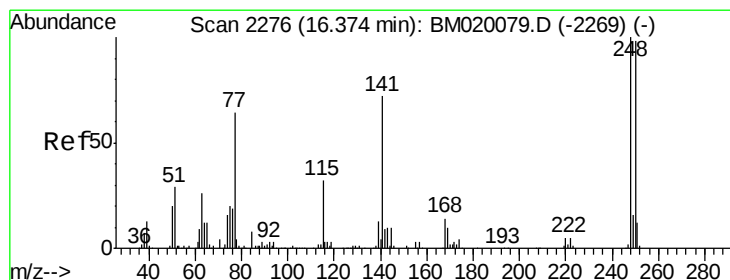
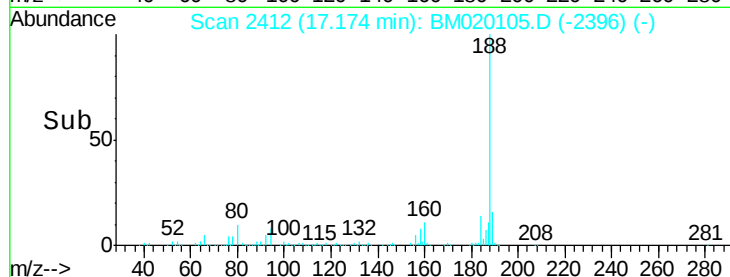
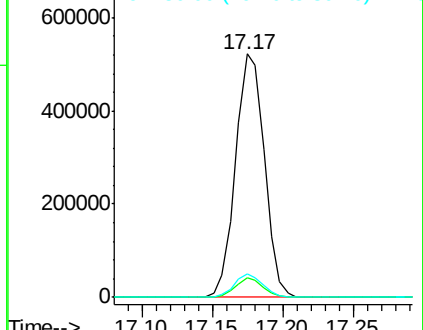
80 9.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#67

4-Bromophenyl-phenylether

Concen: 38.332 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

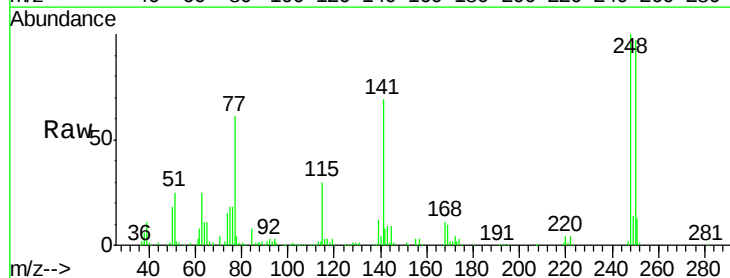
Tgt Ion:248 Resp: 350094

Ion Ratio Lower Upper

248 100

250 97.4 78.4 117.6

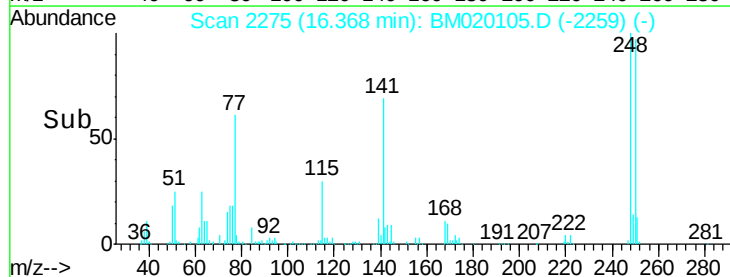
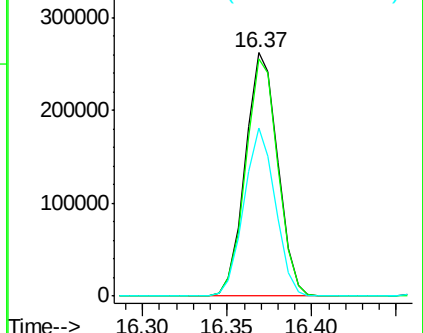
141 68.8 57.4 86.2

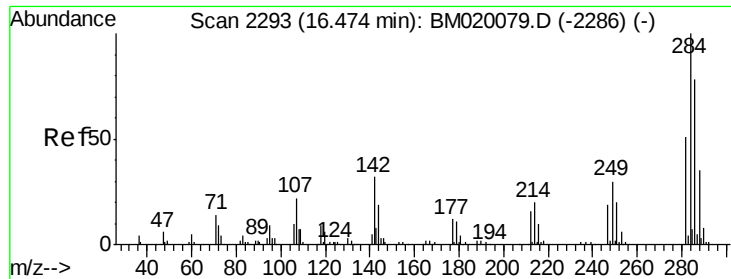


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 15.835 ng

RT: 16.47 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

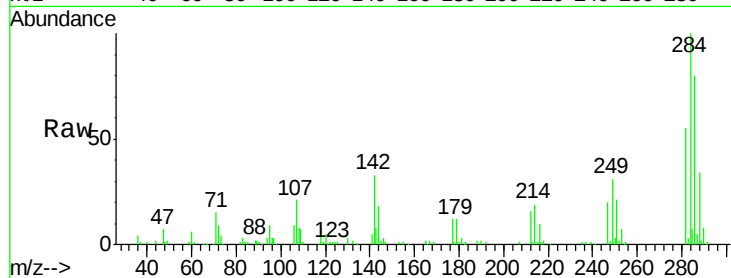
Tot Ion:284 Resp: 166422

Ion Ratio Lower Upper

284 100

142 33.4 25.2 37.8

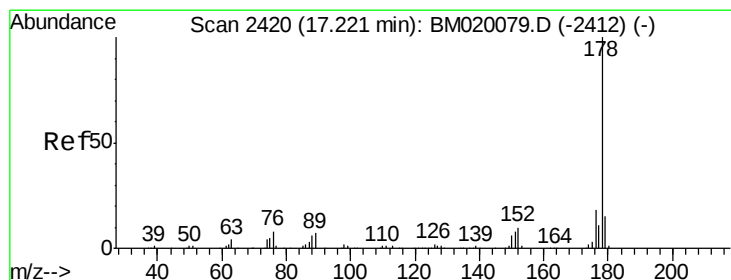
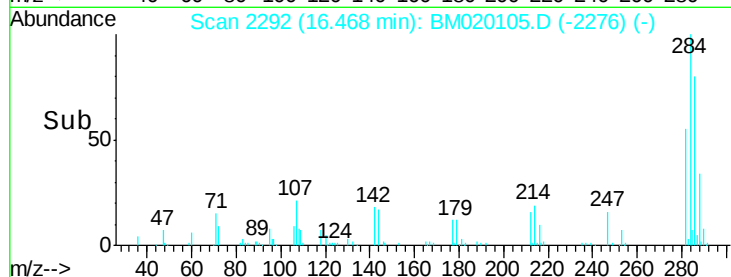
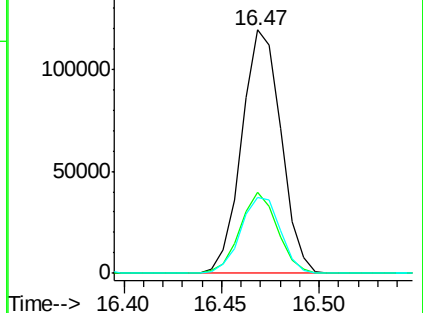
249 31.3 23.6 35.4



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



#71

Phenanthrene

Concen: 24.933 ng

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

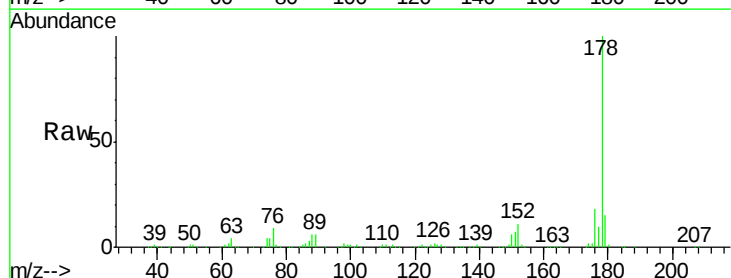
Tgt Ion:178 Resp: 1025108

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

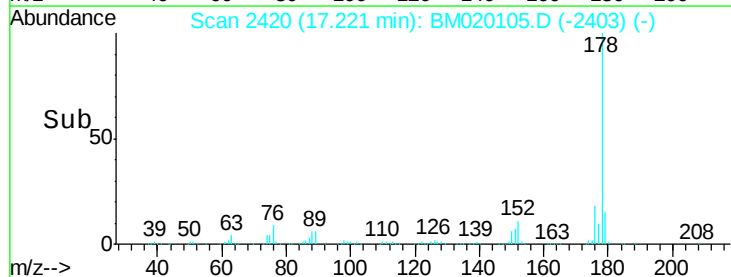
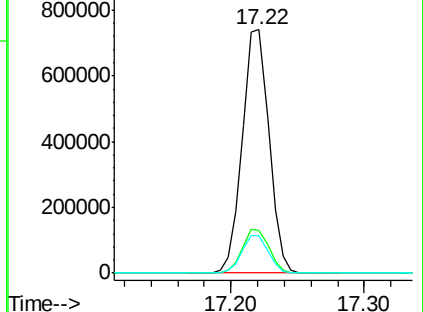
179 15.3 12.4 18.6

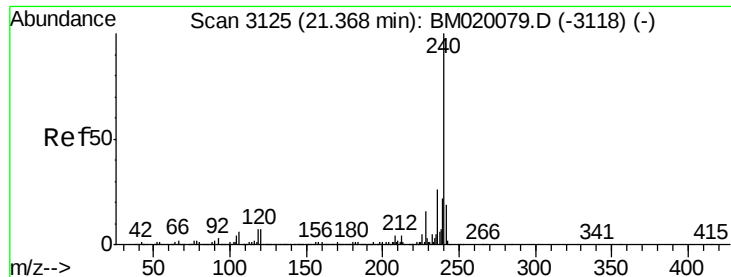


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILD

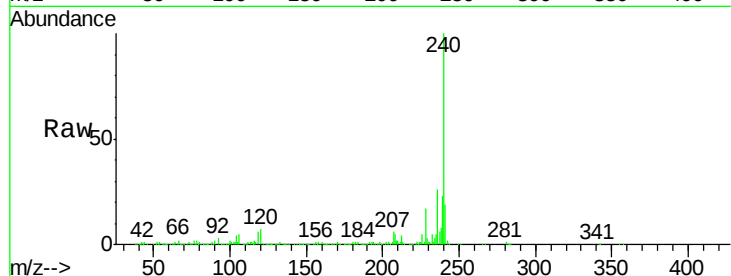
Tot Ion:240 Resp: 782410

Ion Ratio Lower Upper

240 100

120 6.6 5.6 8.4

236 26.2 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

21.36

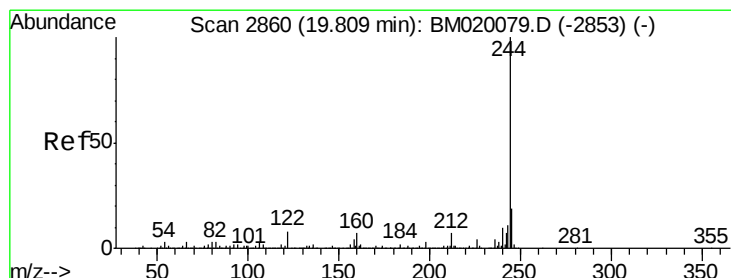
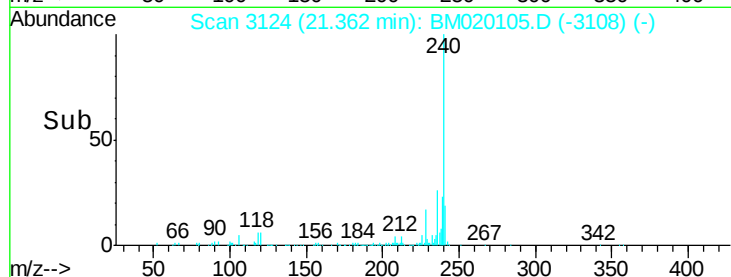
600000

400000

200000

0

Time-->



#79

Terphenyl-d14

Concen: 21.014 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

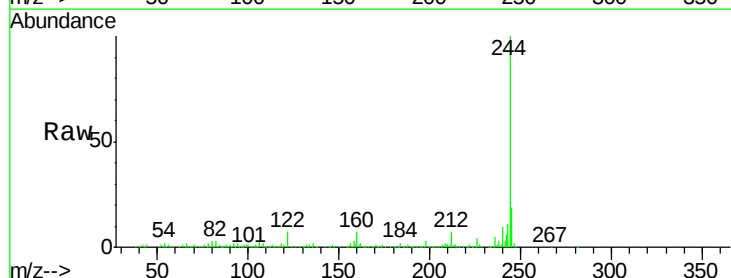
Tgt Ion:244 Resp: 942630

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 7.0 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.80

1000000

800000

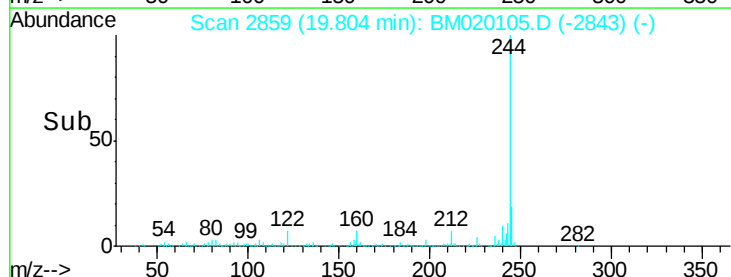
600000

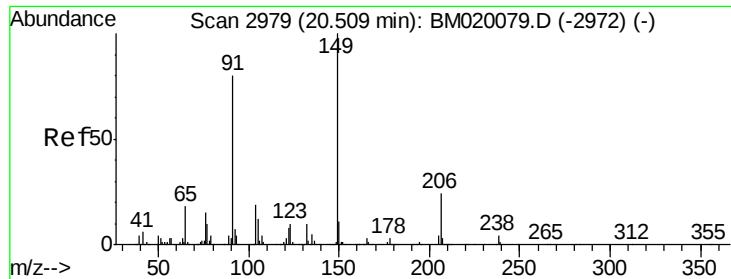
400000

200000

0

Time-->

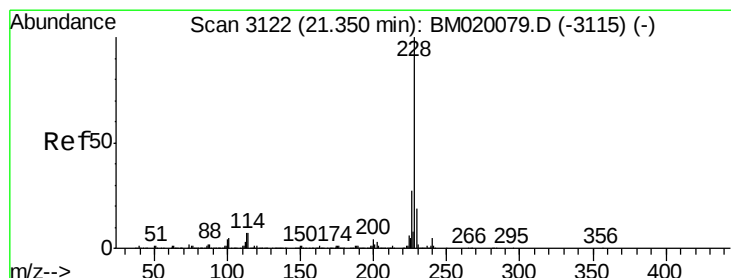
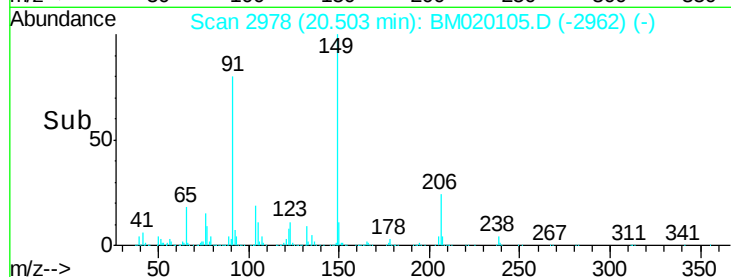
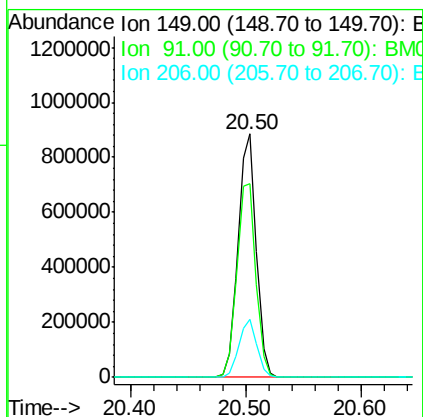
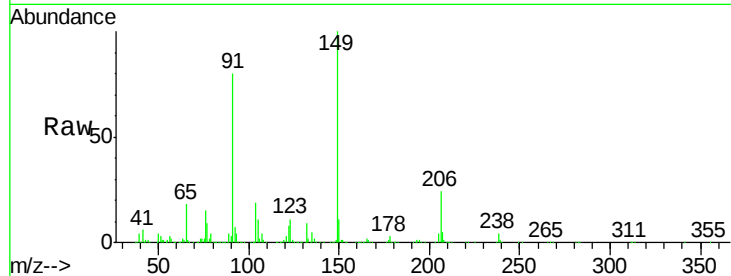




#80
Butylbenzylphthalate
Concen: 50.318 ng
RT: 20.50 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

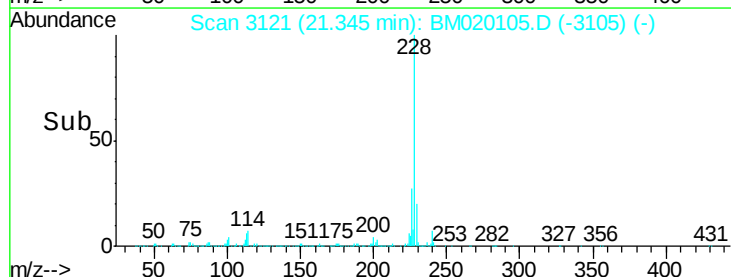
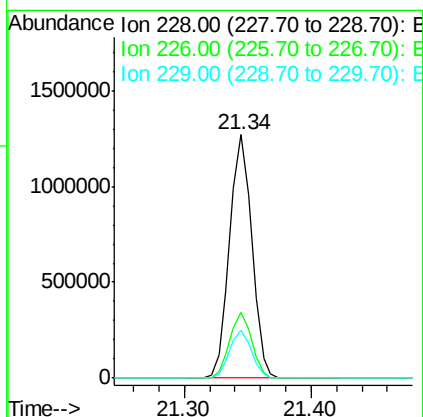
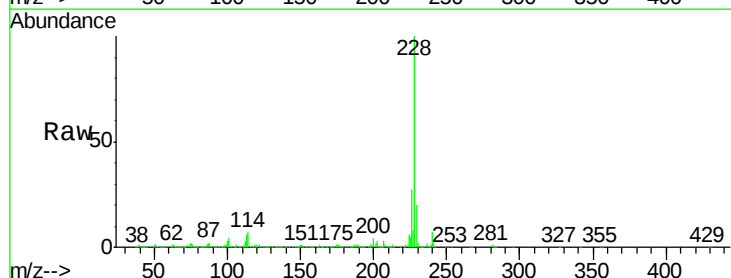
Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOILDL

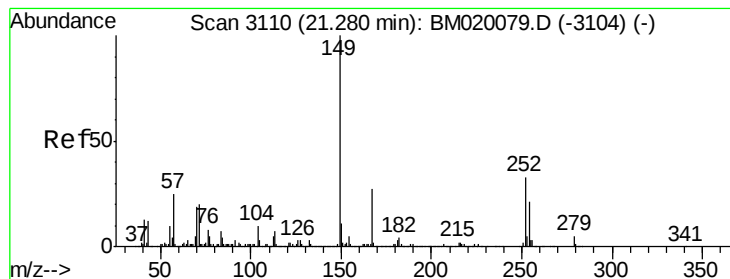
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.8	95.8
206	24.0	18.9	28.3



#81
Benzo(a)anthracene
Concen: 28.121 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020105.D
Acq: 02 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	19.7	15.5	23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 68.952 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

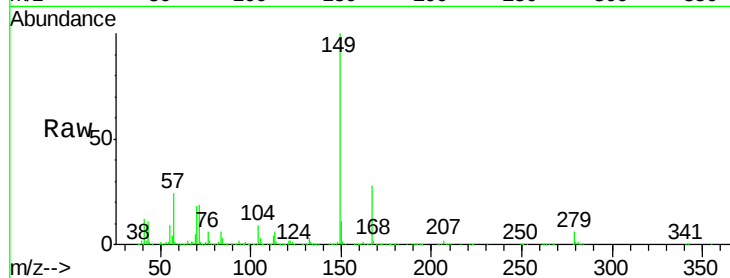
Tot Ion:149 Resp: 2043884

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

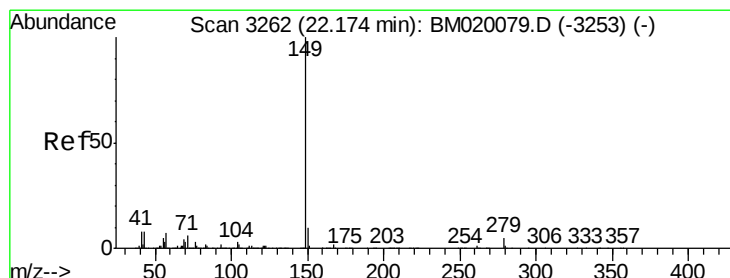
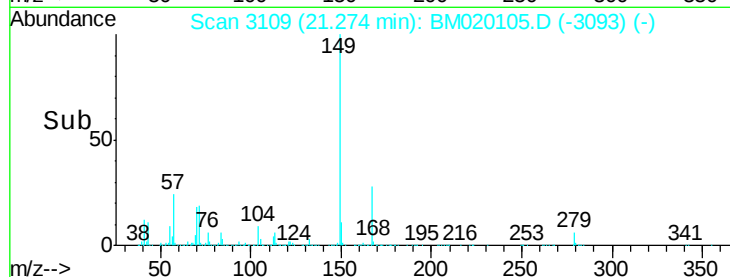
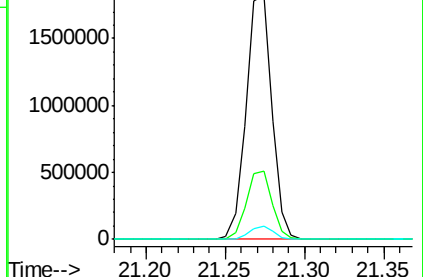
279 5.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 11.270 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

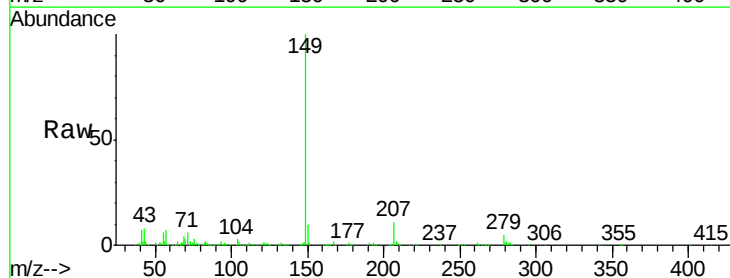
Tgt Ion:149 Resp: 555258

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

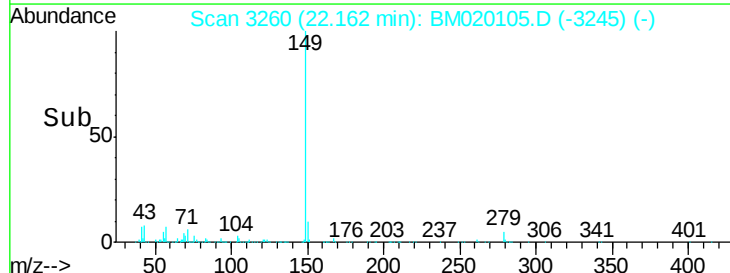
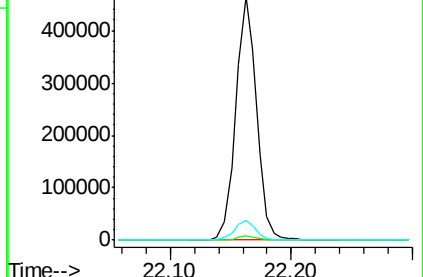
43 7.9 6.5 9.7

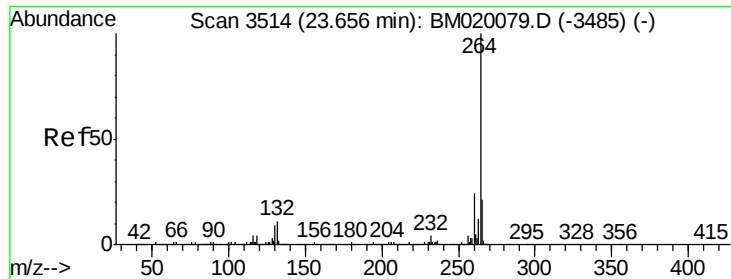


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

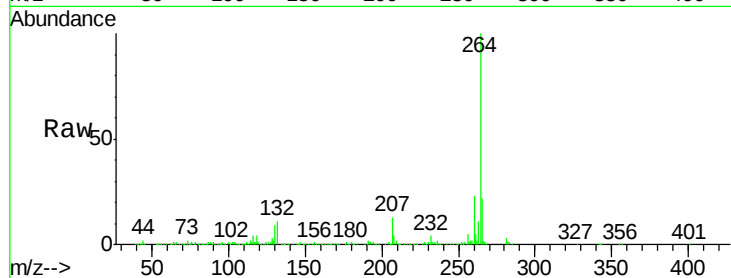
Tot Ion:264 Resp: 854338

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

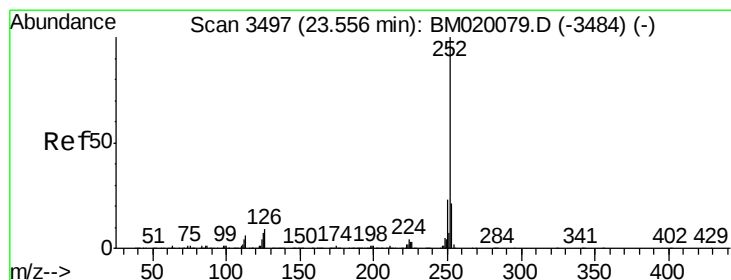
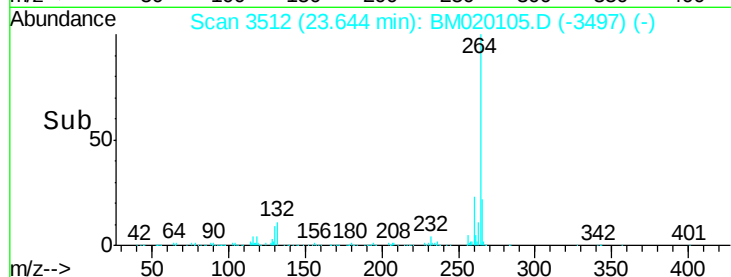
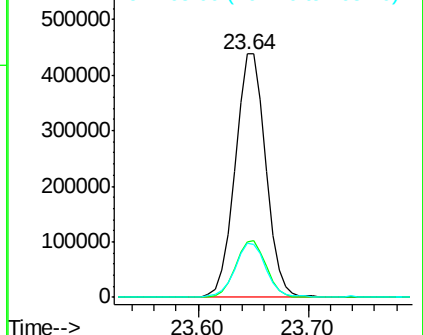
265 22.0 16.9 25.3



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



#90

Benzo(a)pyrene

Concen: 20.292 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

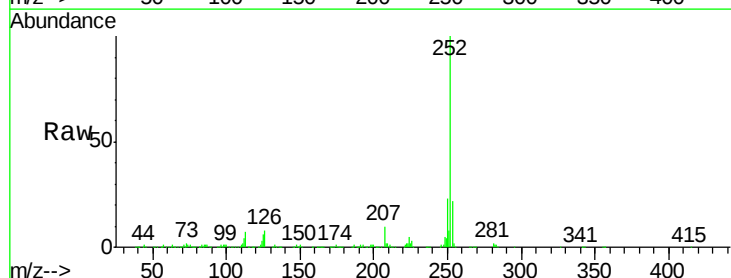
Tgt Ion:252 Resp: 1039841

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

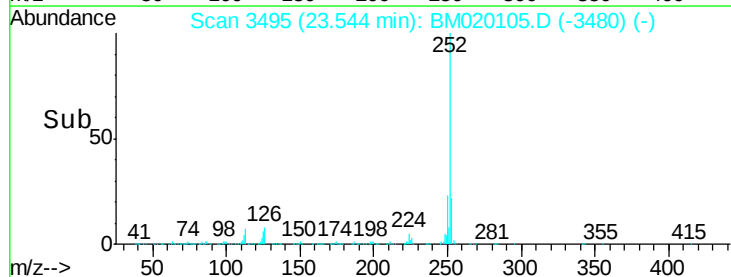
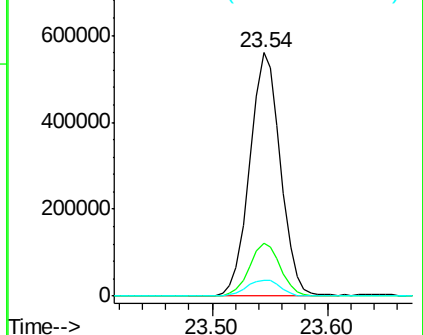
125 6.4 5.5 8.3

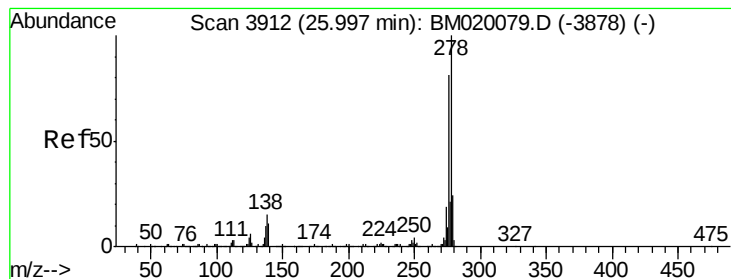


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 19.527 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

Instrument :

BNA_M

ClientSampleId :

PT-BNA-SOILDL

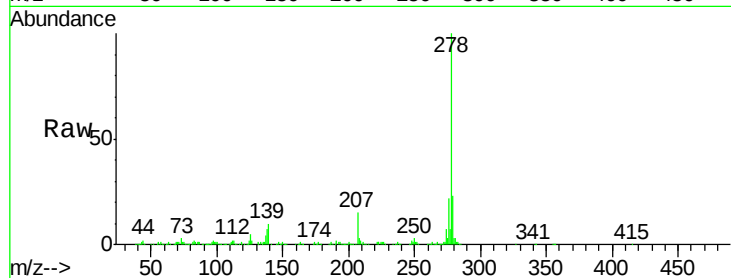
Tot Ion:278 Resp: 1040628

Ion Ratio Lower Upper

278 100

139 10.0 8.6 13.0

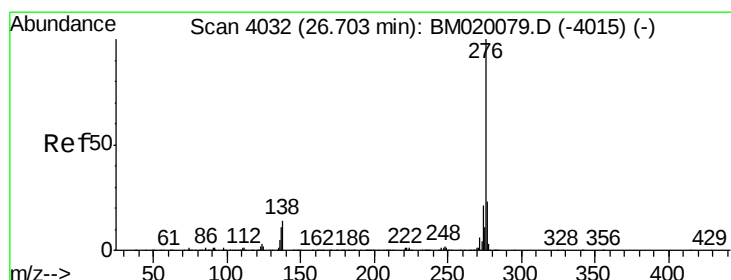
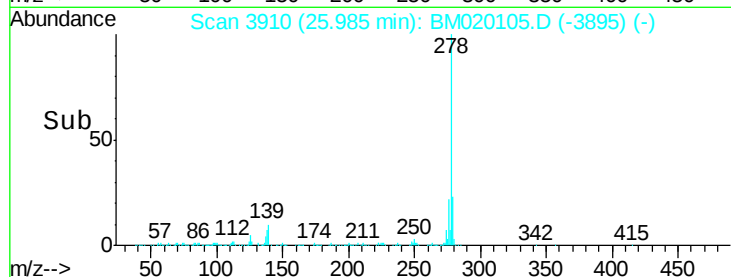
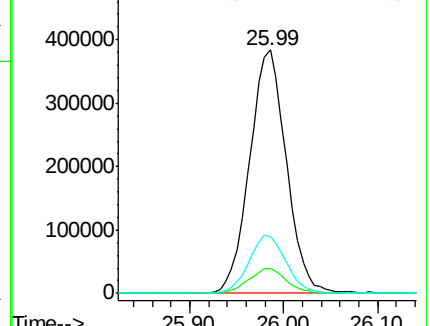
279 23.4 18.8 28.2



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: 10.787 ng

RT: 26.68 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BM020105.D

Acq: 02 May 2019 17:09

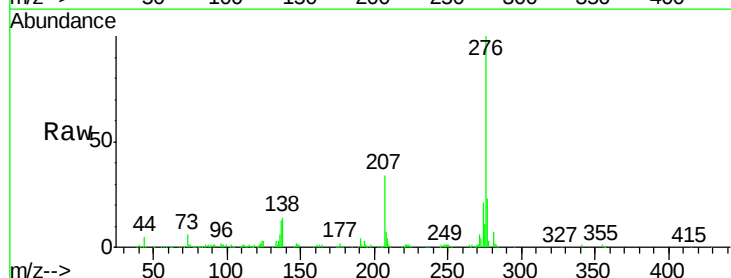
Tgt Ion:276 Resp: 545761

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 14.4 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

