

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119626.D
 Acq On : 28 Mar 2020 19:35
 Operator : CG/JU
 Sample : L2052-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 29 23:20:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	313677	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1035296	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	452730	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	686973	20.00	ng	0.00
76) Chrysene-d12	14.01	240	529819	20.00	ng	0.00
87) Perylene-d12	15.48	264	438557	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1924892	97.69	ng	0.01
7) Phenol-d6	6.46	99	2386750	94.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	1446959	75.96	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	413604	88.55	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2103195	68.82	ng	0.00
79) Terphenyl-d14	12.96	244	1620297	59.92	ng	0.00

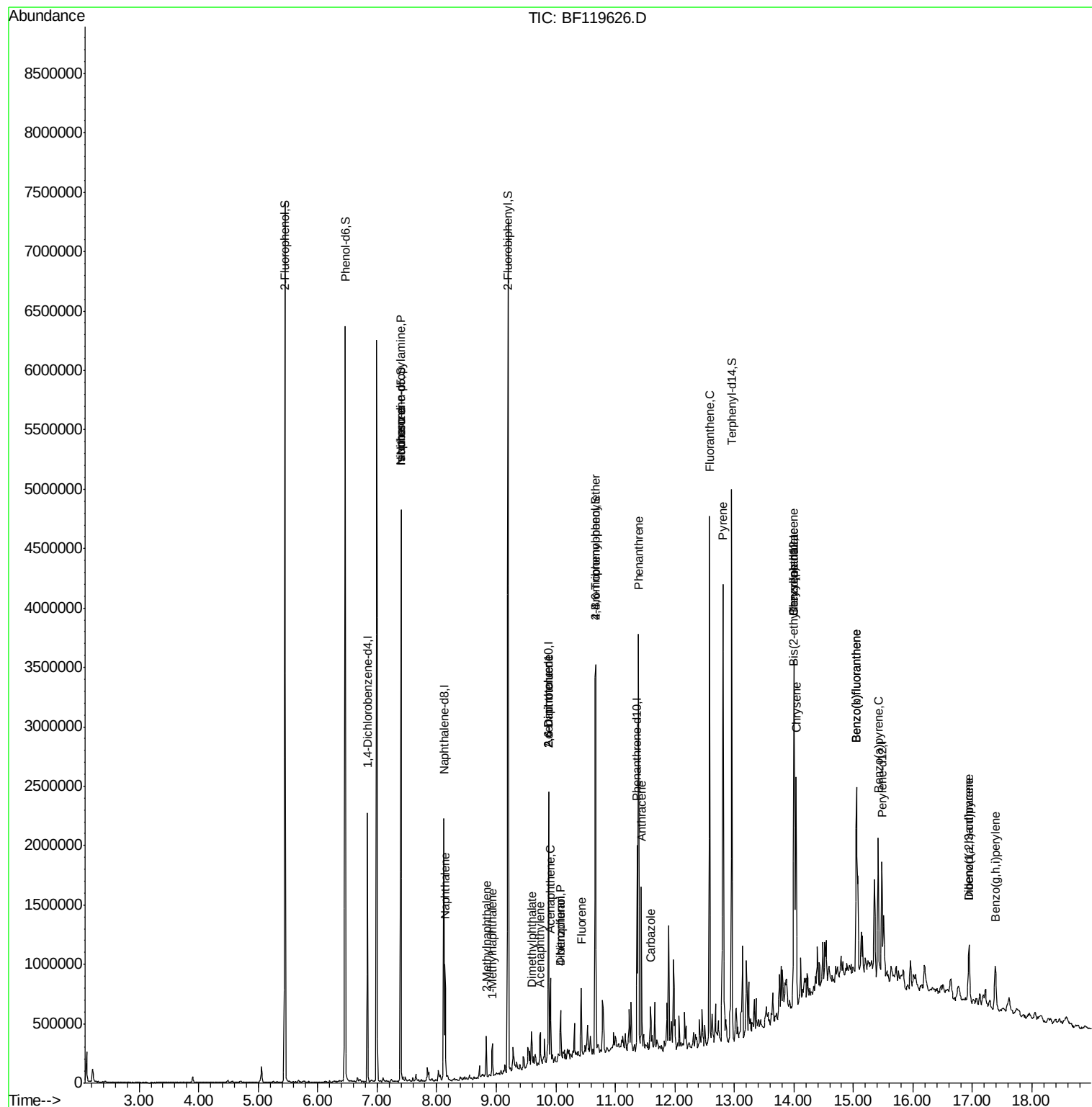
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	190322	12.54	ng	# 73
25) Isophorone	7.40	82	1426832	36.92	ng	# 65
31) Naphthalene	8.14	128	110430	2.07	ng	98
37) 2-Methylnaphthalene	8.83	142	88514	2.53	ng	95
38) 1-Methylnaphthalene	8.93	142	67992	2.05	ng	98
49) Acenaphthylene	9.74	152	109589	2.42	ng	99
50) Dimethylphthalate	9.59	163	82074	2.55	ng	# 98
51) 2,6-Dinitrotoluene	9.88	165	60336	8.75	ng	# 27
52) Acenaphthene	9.91	154	131375	4.65	ng	98
55) Dibenzofuran	10.08	168	123030	3.03	ng	98
56) 4-Nitrophenol	10.08	139	42630	6.21	ng	# 9
57) 2,4-Dinitrotoluene	9.88	165	60336	6.95	ng	# 20
58) Fluorene	10.43	166	167177	5.58	ng	97
67) 4-Bromophenyl-phenylether	10.67	248	24984	3.19	ng	# 1
71) Phenanthrene	11.39	178	1199686	33.68	ng	98
72) Anthracene	11.44	178	517361	14.29	ng	96
73) Carbazole	11.59	167	131407	3.67	ng	97
75) Fluoranthene	12.59	202	1875567	48.65	ng	98
78) Pyrene	12.81	202	1654975	38.06	ng	98
81) Benzo(a)anthracene	14.00	228	901011	26.15	ng	96
83) Chrysene	14.04	228	831984	23.40	ng	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	44660	2.13	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.94	276	347523	10.38	ng	95
88) Benzo(b)fluoranthene	15.05	252	1196547	40.84	ng	# 95
89) Benzo(k)fluoranthene	15.05	252	1196547	42.89	ng	97
90) Benzo(a)pyrene	15.42	252	582193	21.87	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	86750	3.73	ng	# 86
92) Benzo(g,h,i)perylene	17.39	276	316878	13.55	ng	96

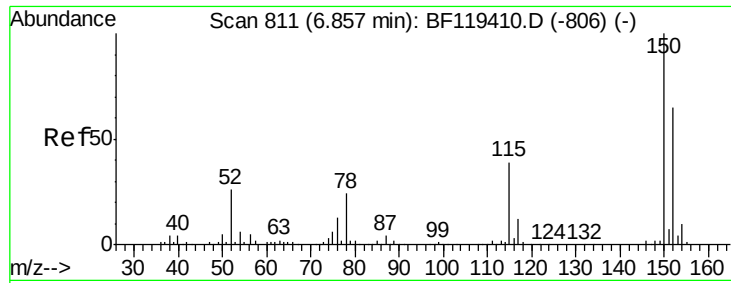
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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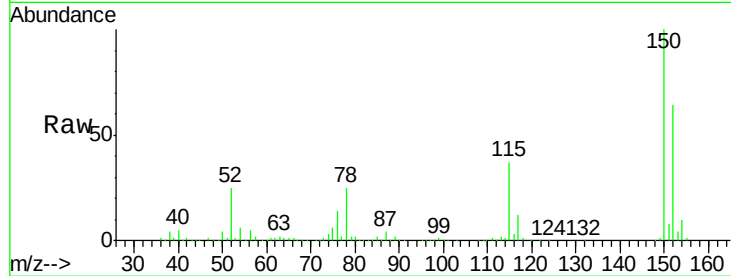


#1

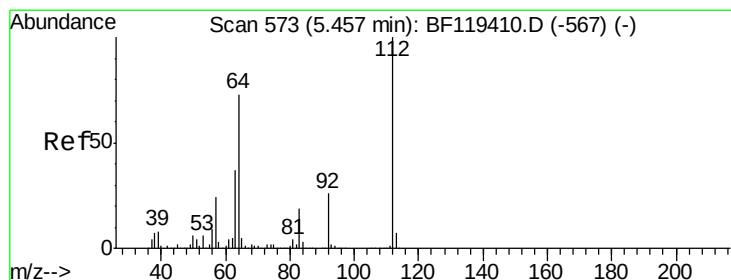
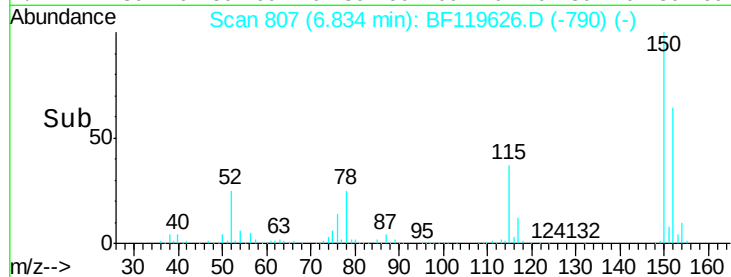
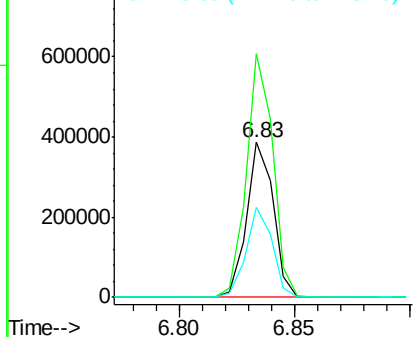
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:152 Resp: 313677
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 58.4 49.6 74.4



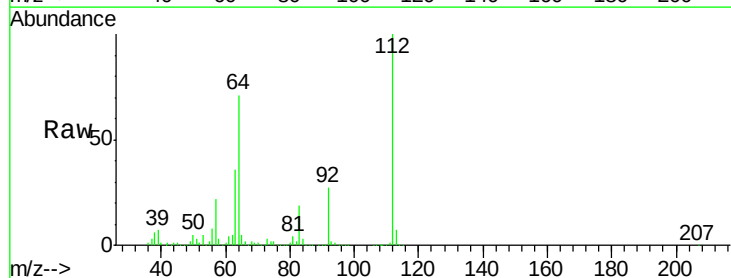
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



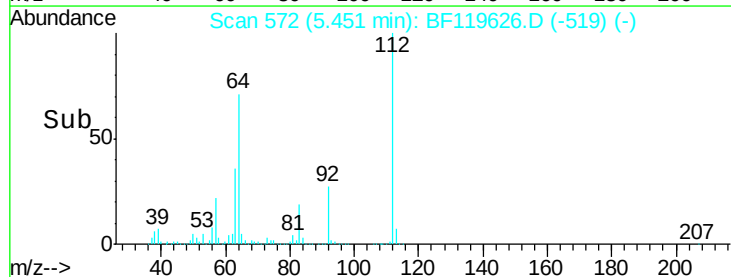
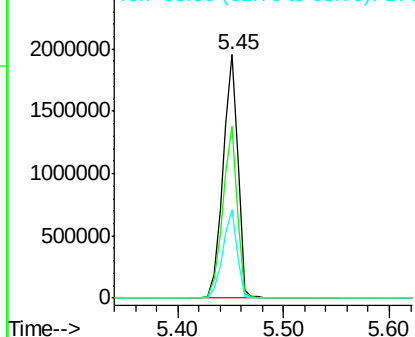
#5

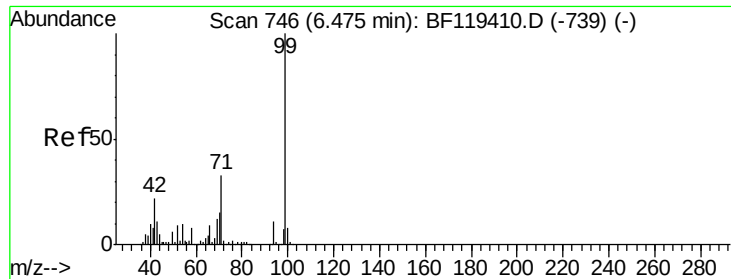
2-Fluorophenol
Concen: 97.69 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion:112 Resp: 1924892
Ion Ratio Lower Upper
112 100
64 70.6 56.7 85.1
63 36.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.82 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

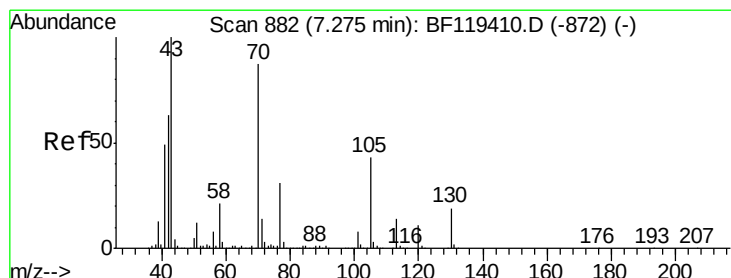
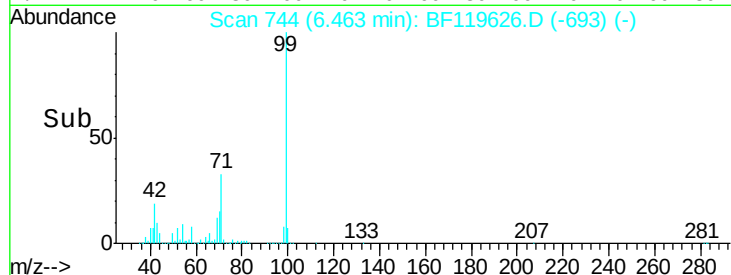
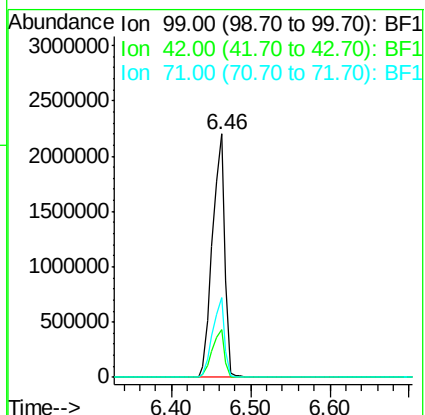
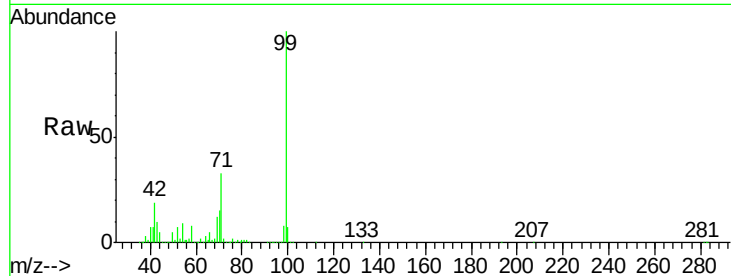
Tgt Ion: 99 Resp: 2386750

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Tgt Ion: 70 Resp: 190322

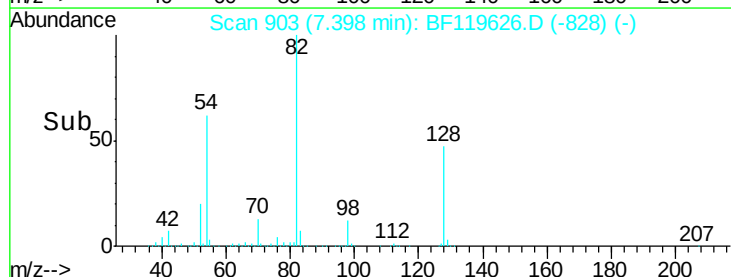
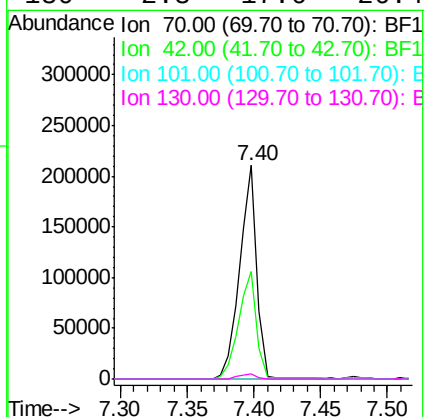
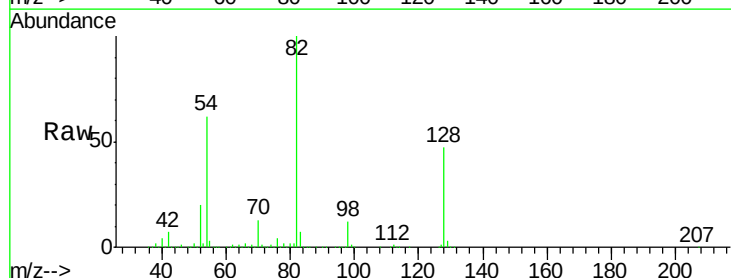
Ion Ratio Lower Upper

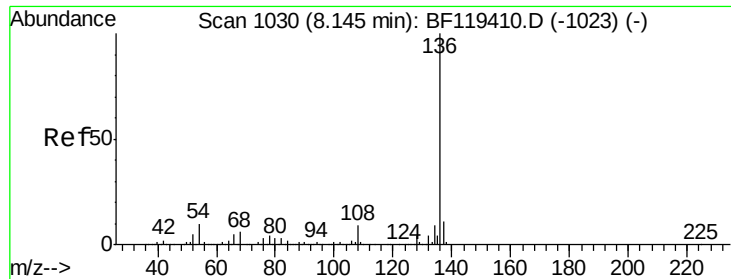
70 100

42 50.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

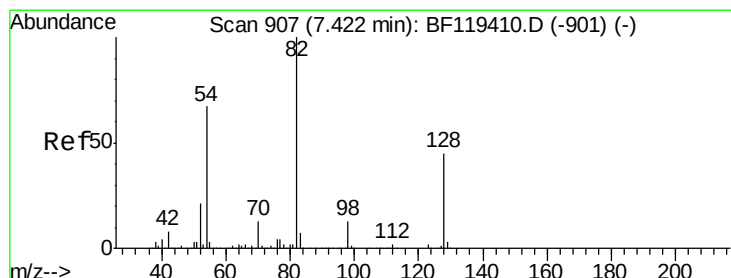
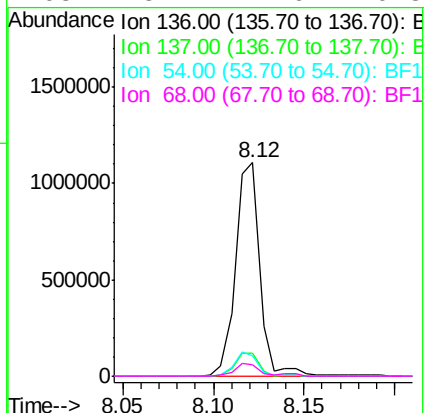
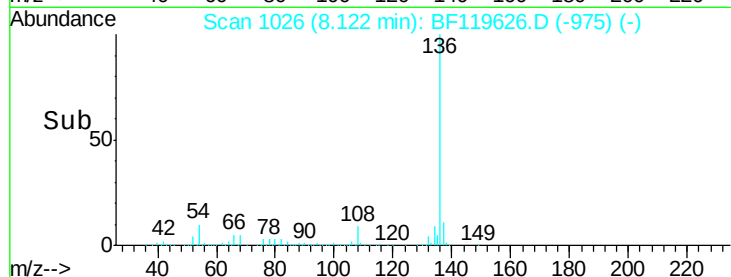
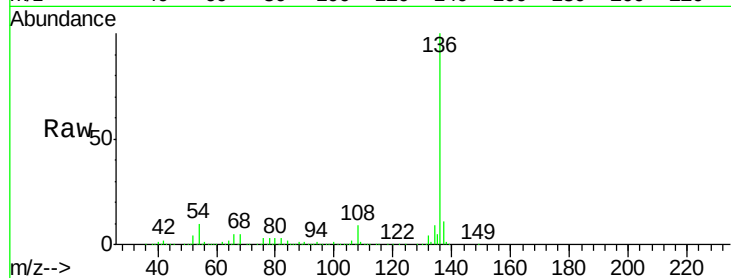




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

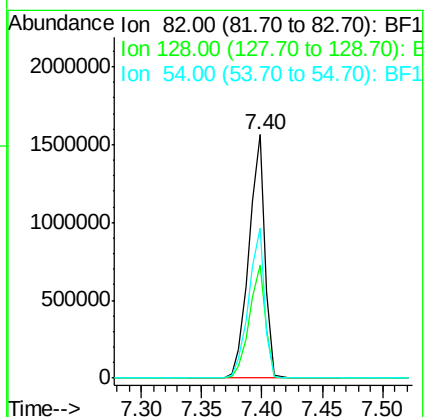
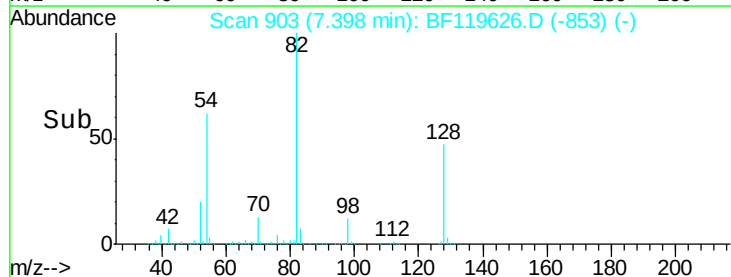
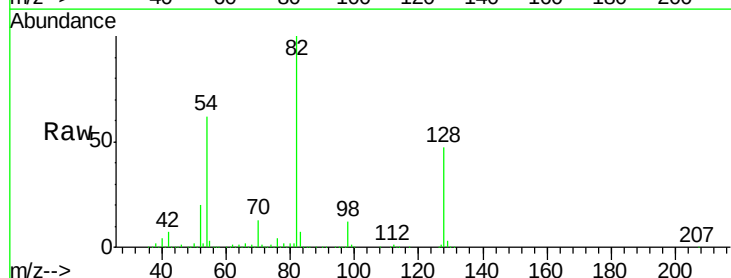
Instrument :
BNA_F
ClientSampleId :
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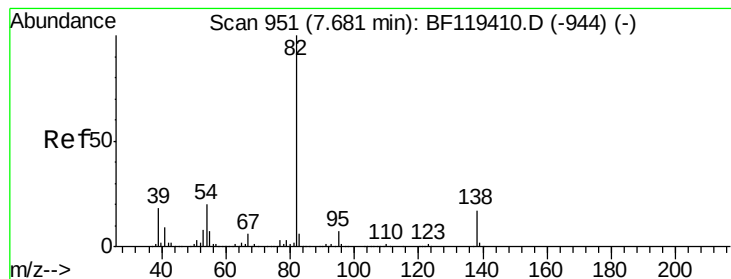
Tgt Ion:136 Resp: 1035296
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.8 9.1 13.7
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 75.96 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion: 82 Resp: 1446959
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 61.8 50.6 75.8





#25

Isophorone

Concen: 36.92 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

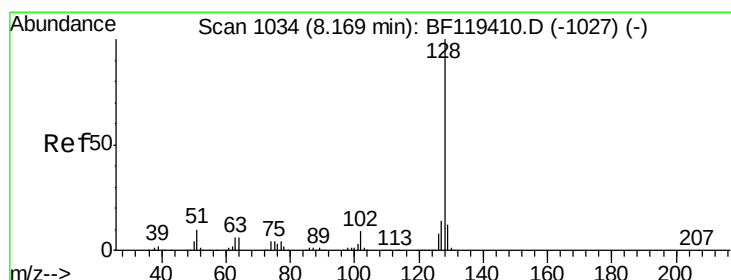
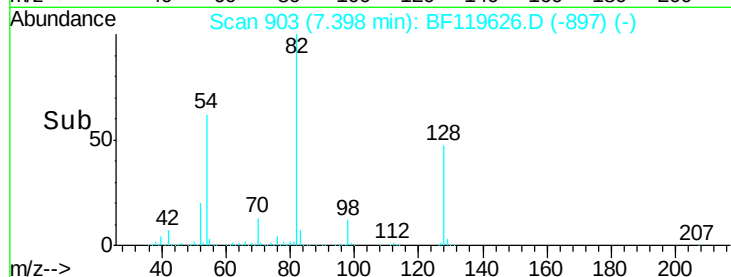
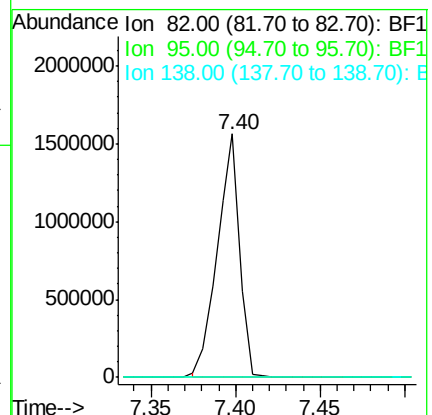
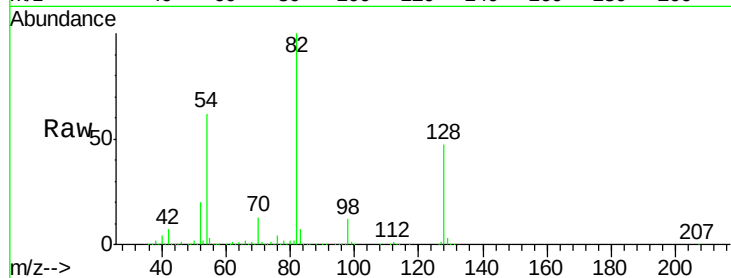
Tgt Ion: 82 Resp: 1426832

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#31

Naphthalene

Concen: 2.07 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

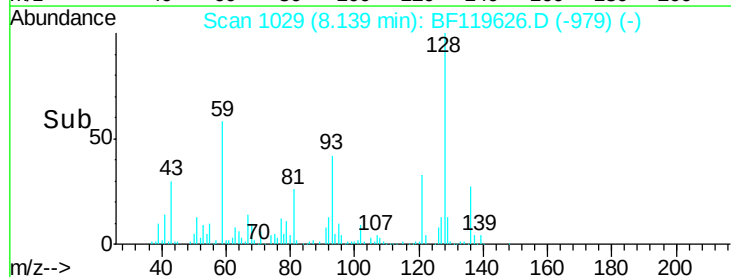
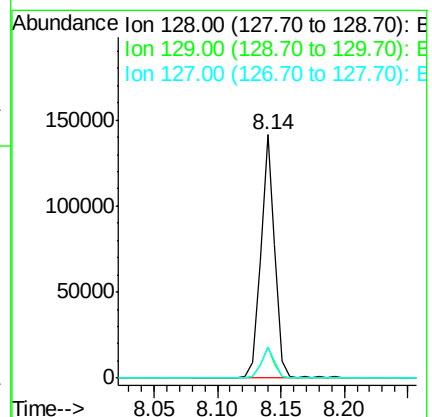
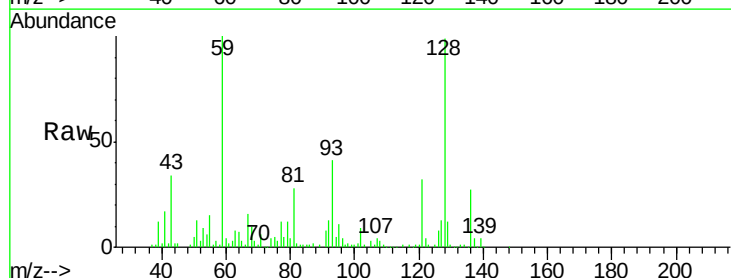
Tgt Ion: 128 Resp: 110430

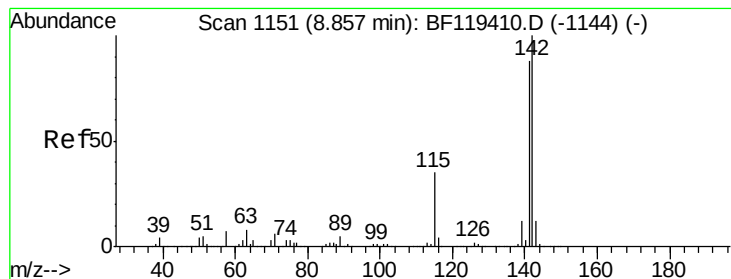
Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

127 13.0 11.3 16.9





#37

2-Methylnaphthalene

Concen: 2.53 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

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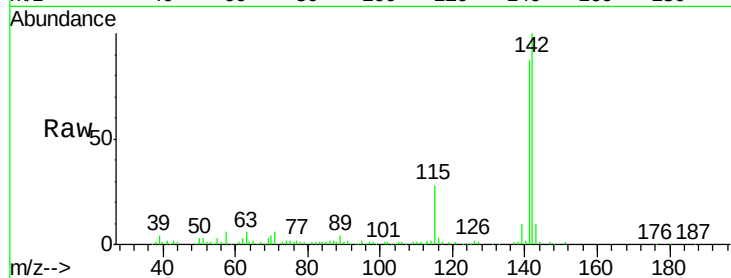
Tgt Ion:142 Resp: 88514

Ion Ratio Lower Upper

142 100

141 87.1 71.7 107.5

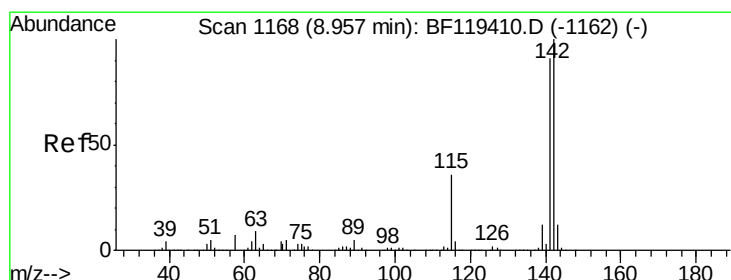
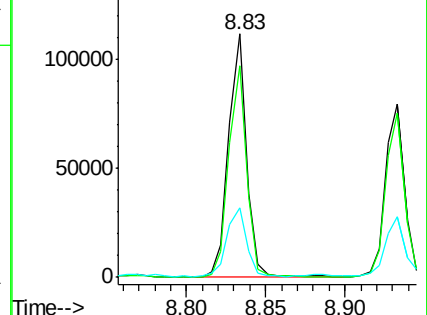
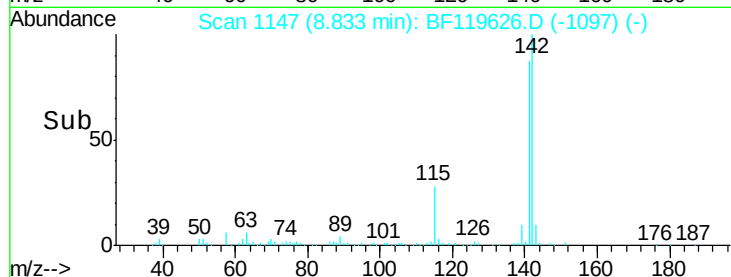
115 28.3 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.05 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

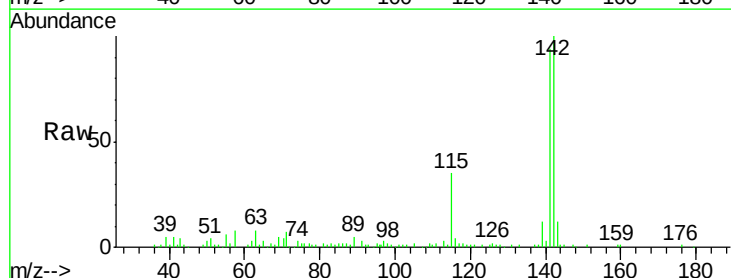
Tgt Ion:142 Resp: 67992

Ion Ratio Lower Upper

142 100

141 94.3 73.7 110.5

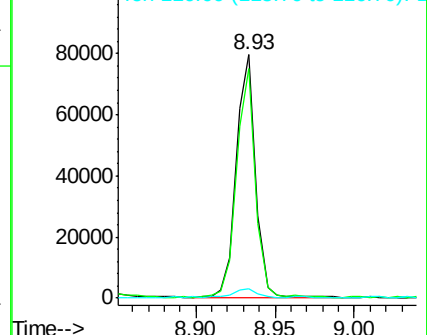
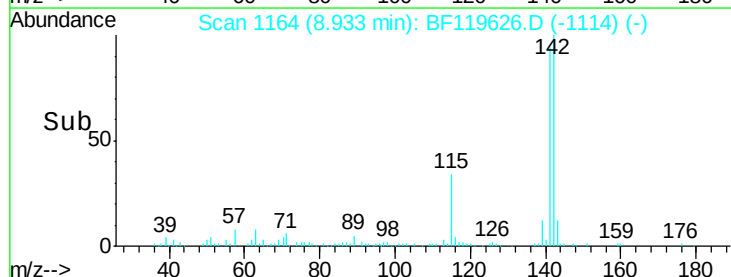
116 4.1 3.0 4.6

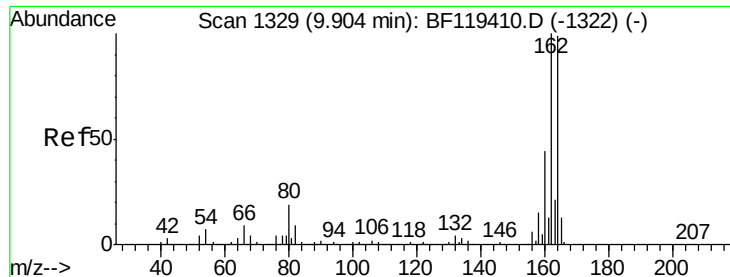


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119626.D

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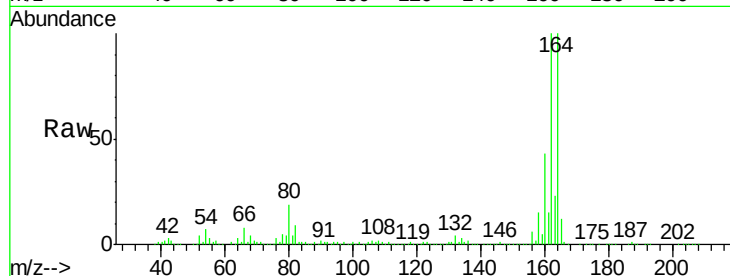
Tgt Ion:164 Resp: 452730

Ion Ratio Lower Upper

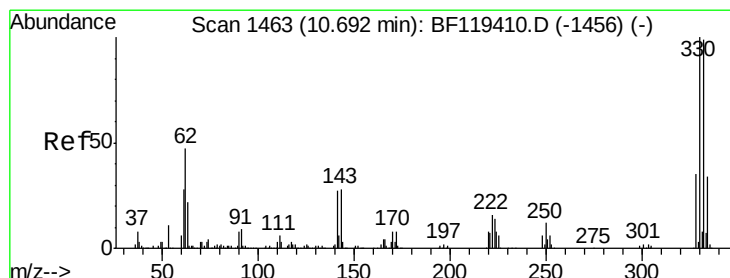
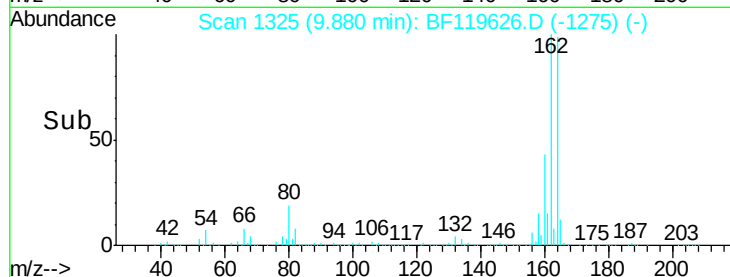
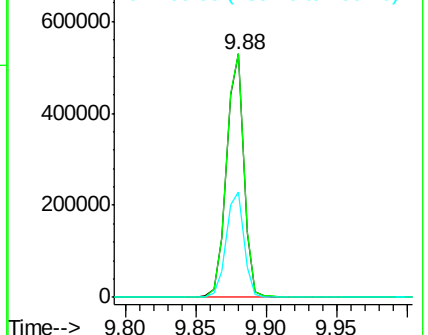
164 100

162 100.0 80.6 121.0

160 43.3 35.7 53.5



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: 88.55 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

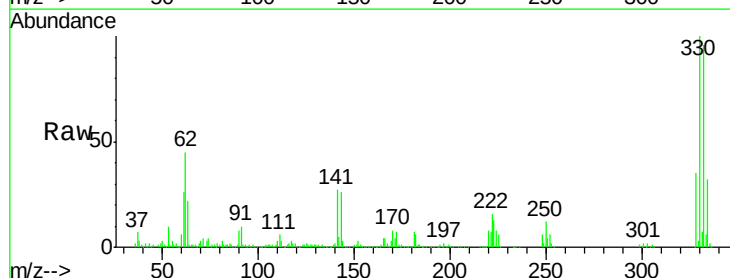
Tgt Ion:330 Resp: 413604

Ion Ratio Lower Upper

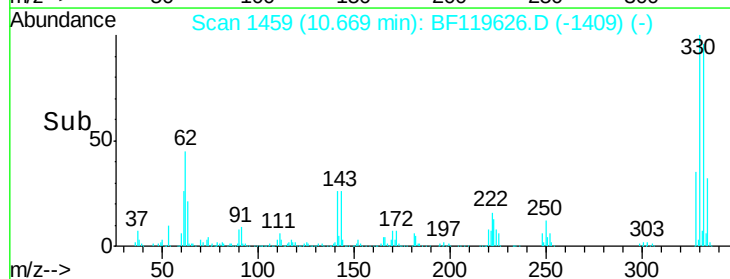
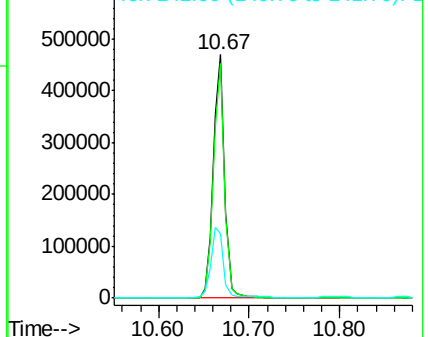
330 100

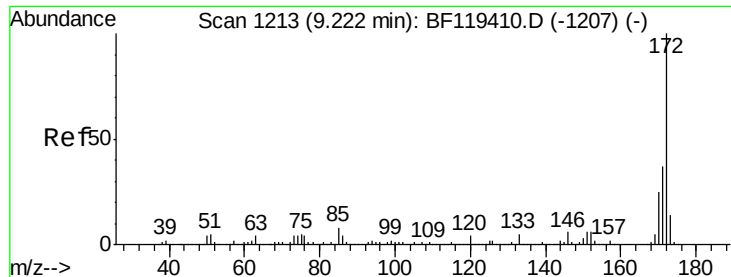
332 94.8 75.7 113.5

141 30.5 25.4 38.0



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

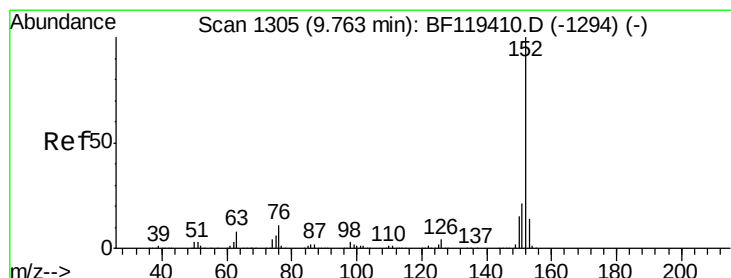
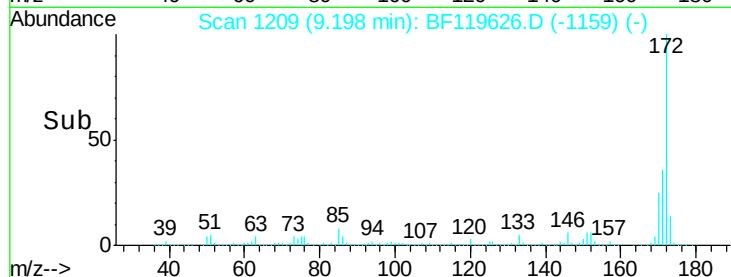
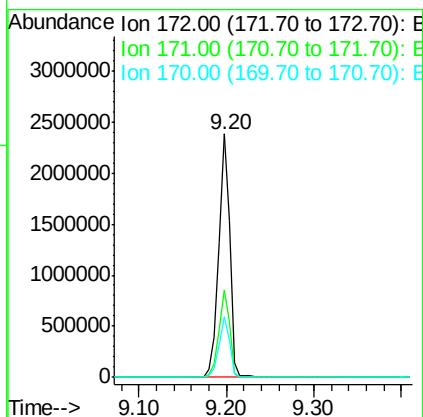
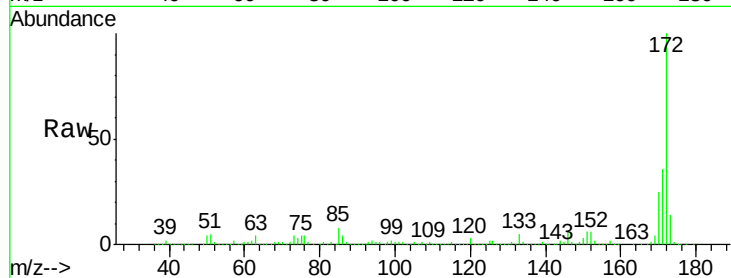




#45
2-Fluorobiphenyl
Concen: 68.82 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

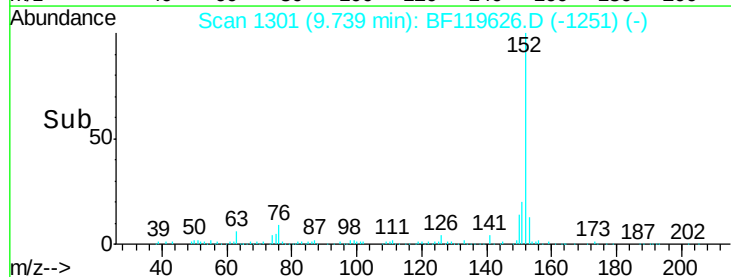
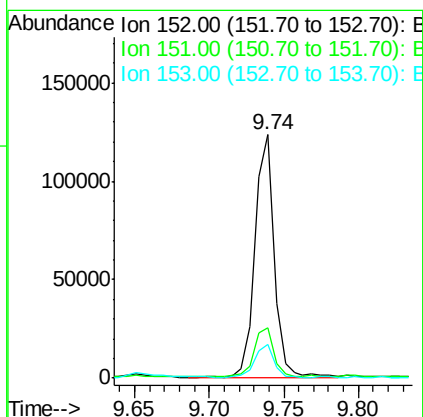
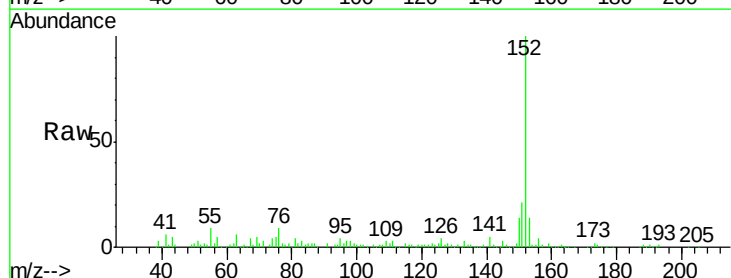
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

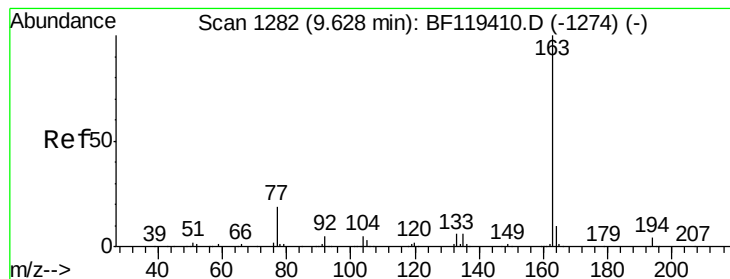
Tgt Ion:172 Resp: 2103195
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.8 20.2 30.2



#49
Acenaphthylene
Concen: 2.42 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion:152 Resp: 109589
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.6 11.2 16.8





#50

Dimethylphthalate

Concen: 2.55 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

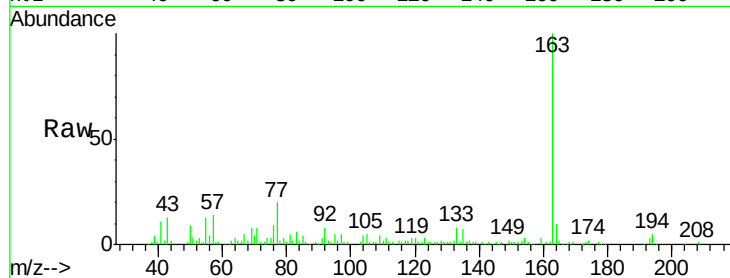
Tgt Ion:163 Resp: 82074

Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

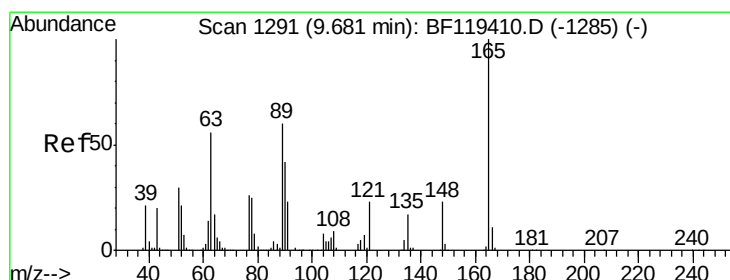
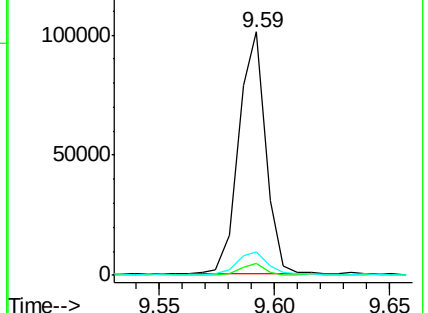
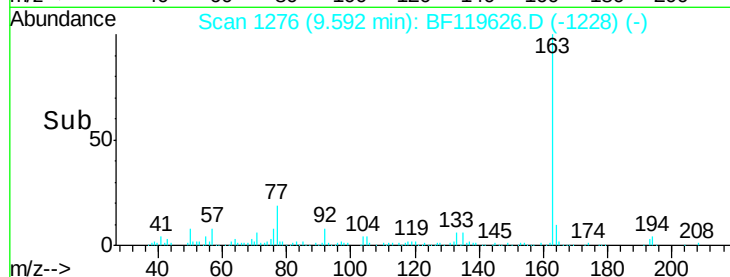
164 9.6 8.2 12.2



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: 8.75 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

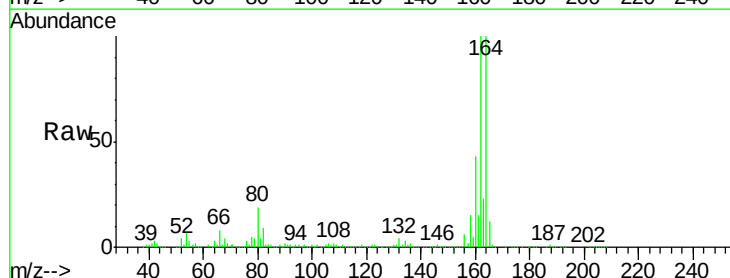
Tgt Ion:165 Resp: 60336

Ion Ratio Lower Upper

165 100

63 1.9 45.0 67.4#

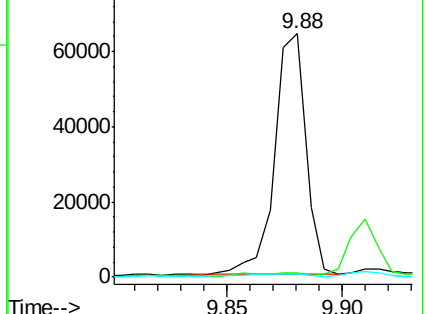
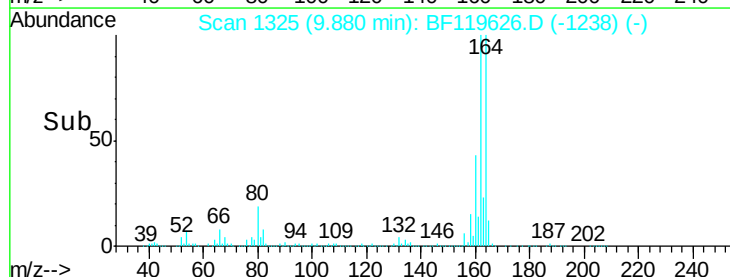
89 1.3 41.5 62.3#

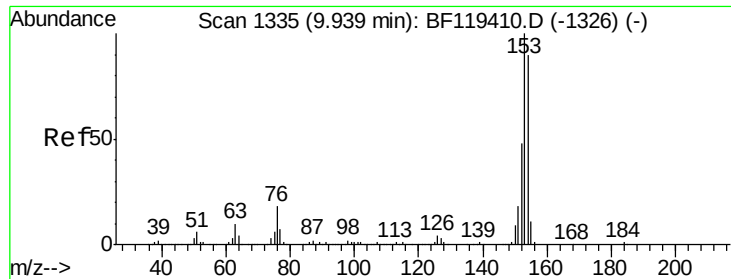


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 4.65 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

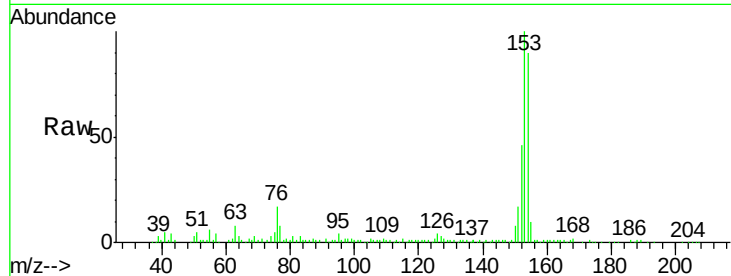
Tgt Ion:154 Resp: 131375

Ion Ratio Lower Upper

154 100

153 110.8 88.1 132.1

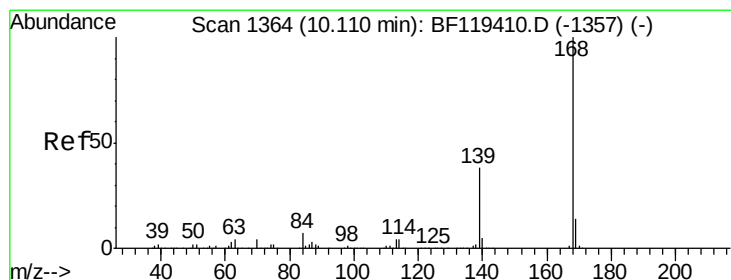
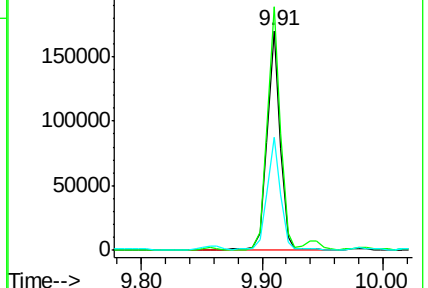
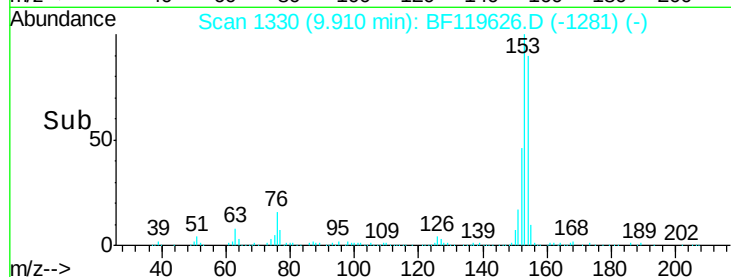
152 51.2 43.0 64.4



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



#55

Dibenzofuran

Concen: 3.03 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

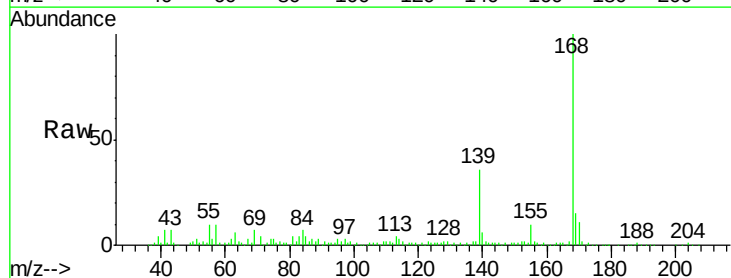
Tgt Ion:168 Resp: 123030

Ion Ratio Lower Upper

168 100

139 36.2 30.1 45.1

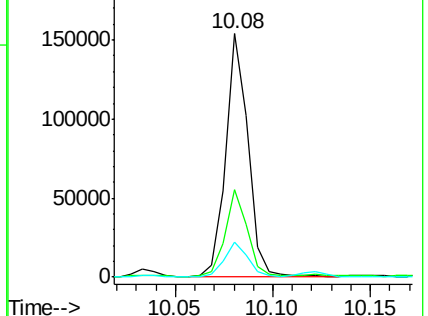
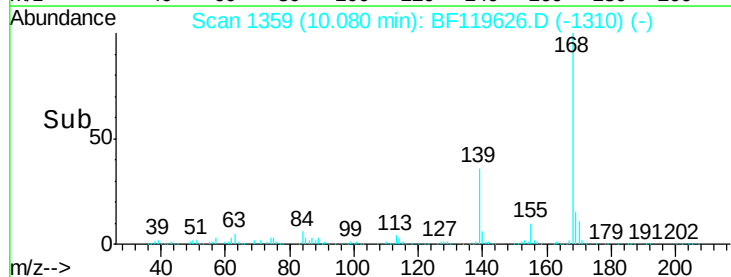
169 14.6 11.0 16.6

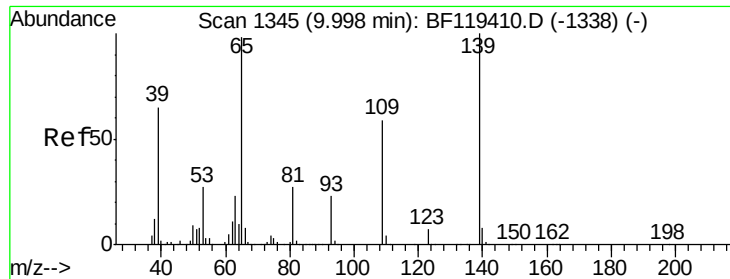


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

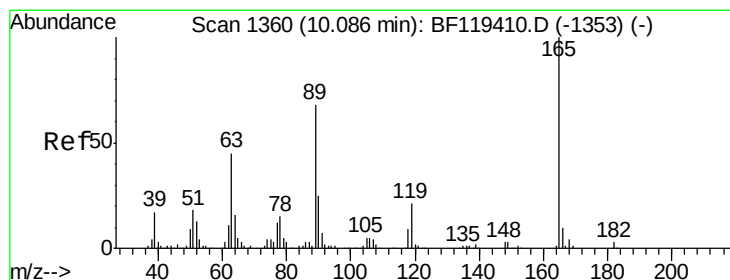
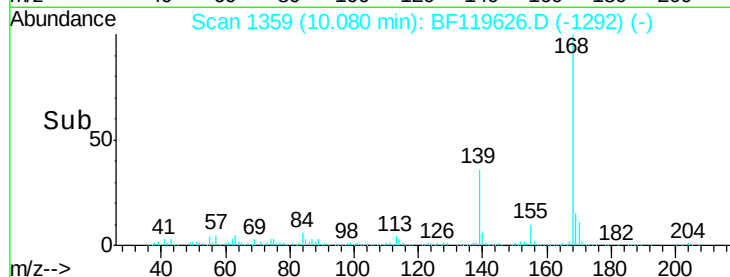
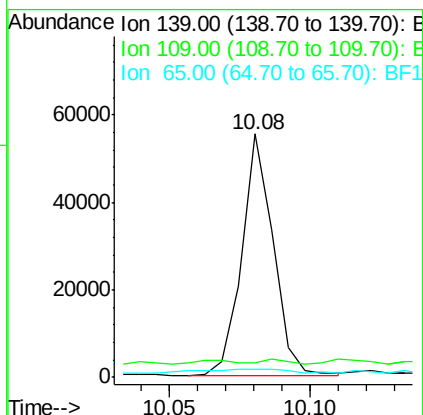
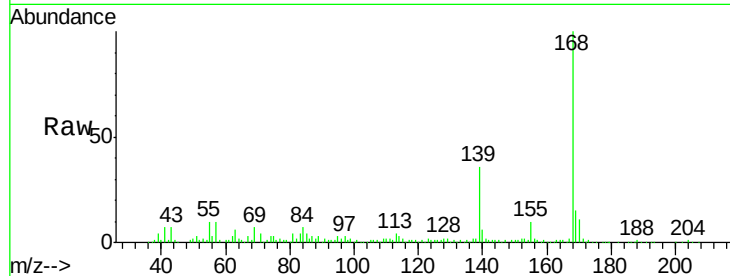




#56
4-Nitrophenol
Concen: 6.21 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.09 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

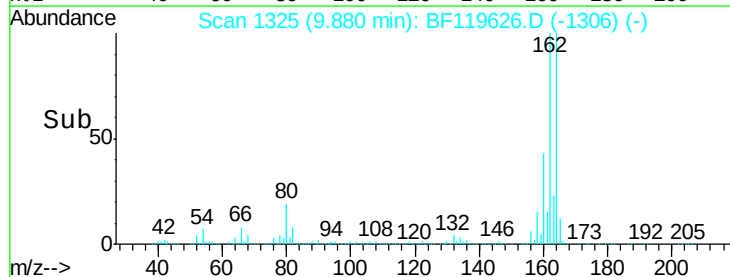
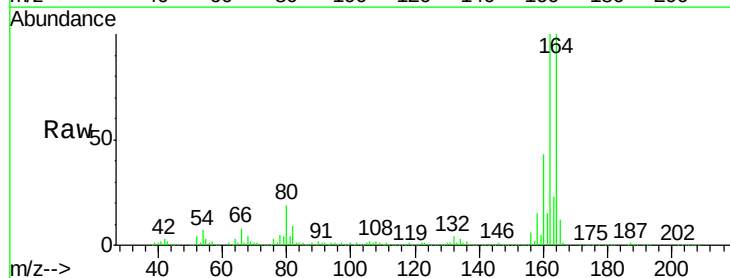
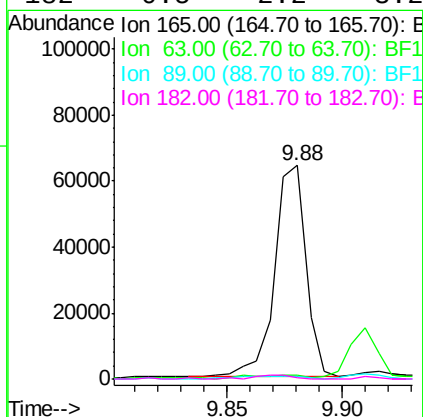
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

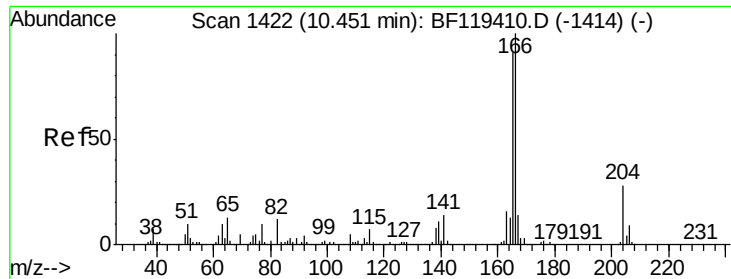
Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.0	43.3	83.3#
65	3.5	91.0	131.0#



#57
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.6	64.0#
89	1.3	61.0	91.4#
182	0.5	2.2	3.2#





#58

Fluorene

Concen: 5.58 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

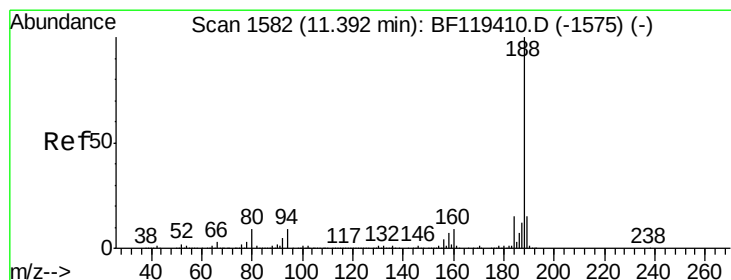
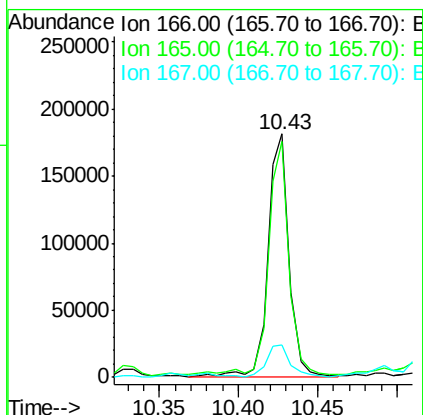
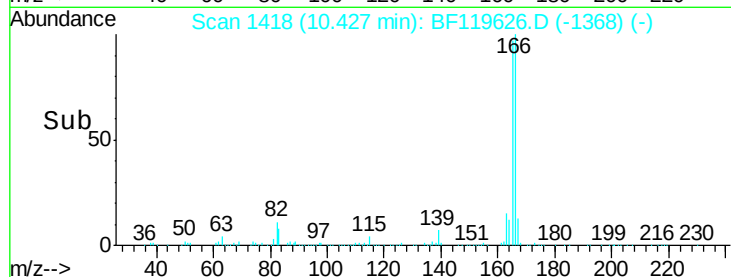
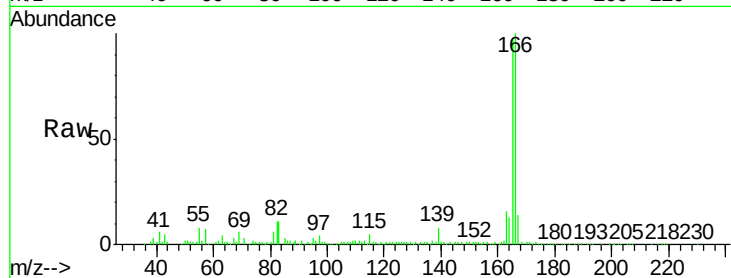
Tgt Ion:166 Resp: 167177

Ion Ratio Lower Upper

166 100

165 97.1 75.4 113.2

167 13.5 11.2 16.8



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

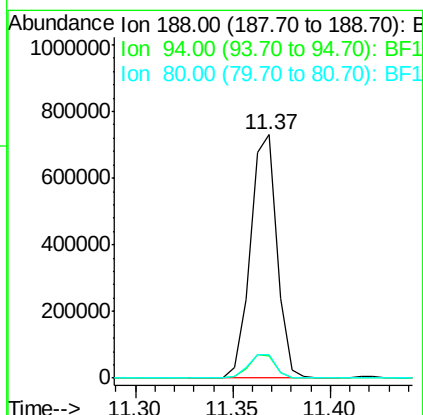
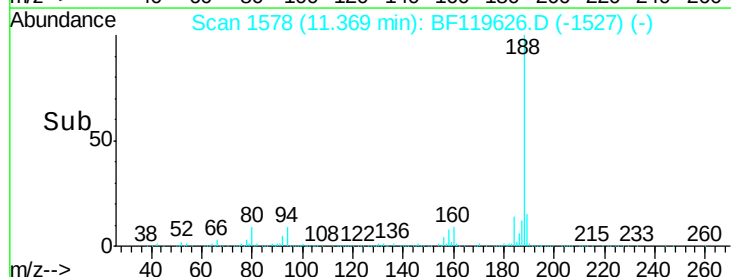
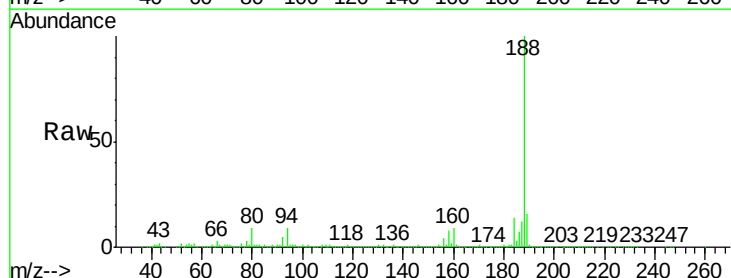
Tgt Ion:188 Resp: 686973

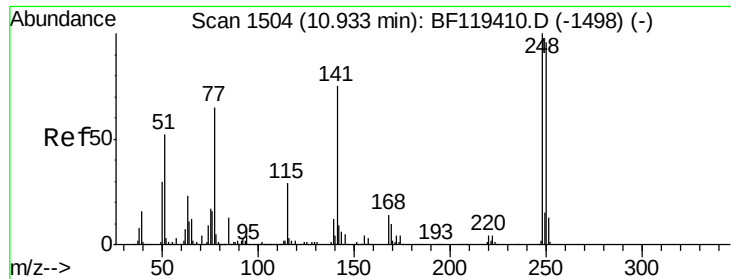
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.4 9.0 13.4





#67

4-Bromophenyl-phenylether

Concen: 3.19 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

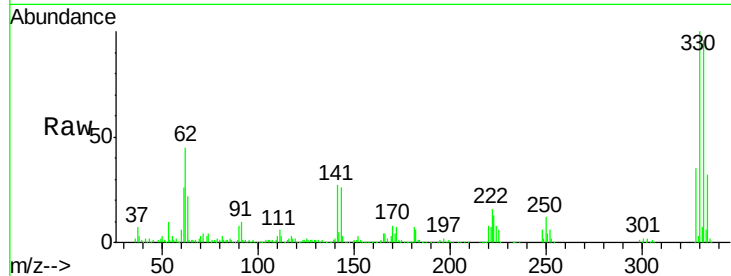
Tgt Ion:248 Resp: 24984

Ion Ratio Lower Upper

248 100

250 197.9 77.3 115.9#

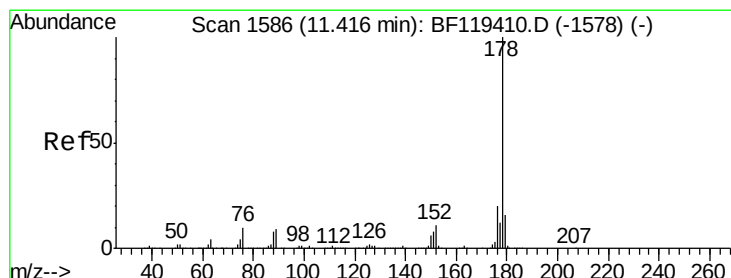
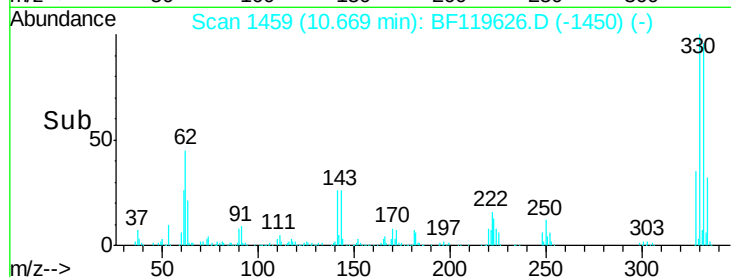
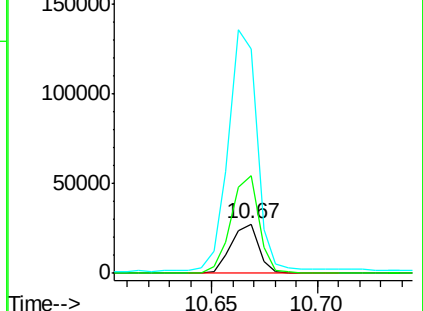
141 453.8 58.6 87.8#



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



#71

Phenanthrene

Concen: 33.68 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

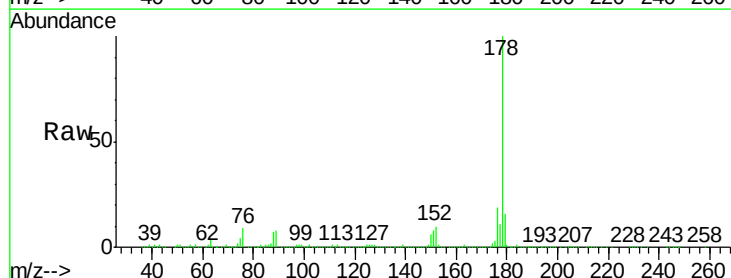
Tgt Ion:178 Resp: 1199686

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

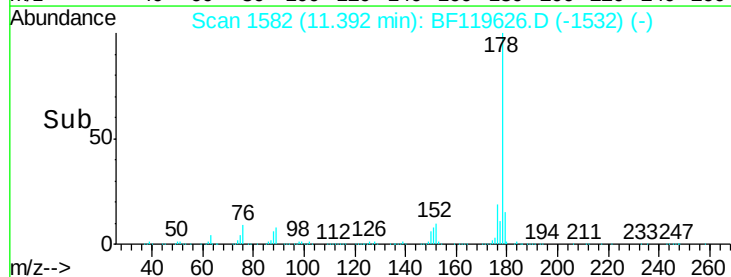
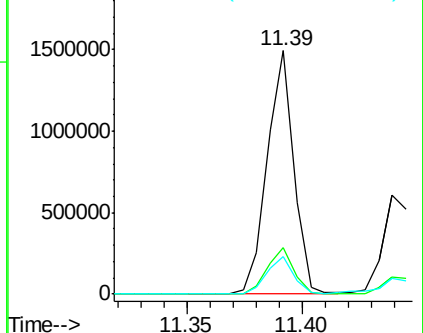
179 15.6 13.2 19.8

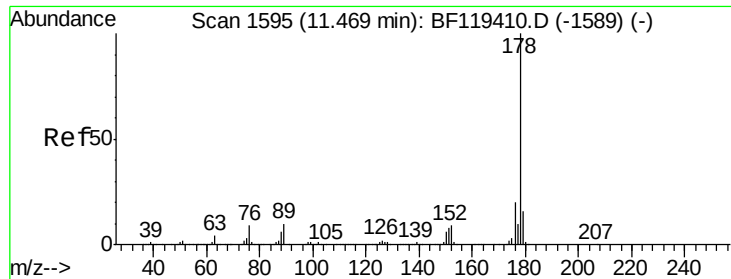


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

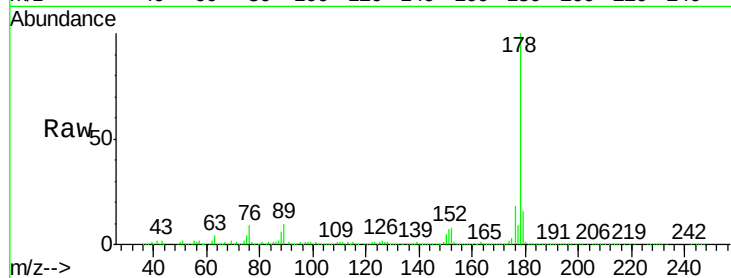




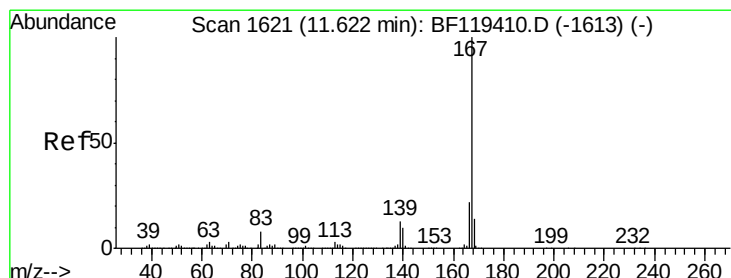
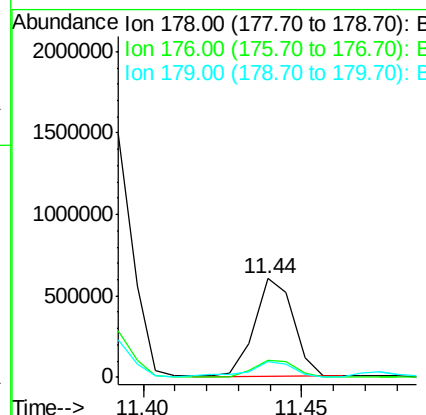
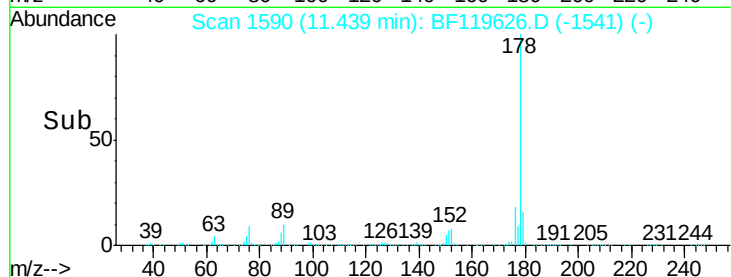
#72
 Anthracene
 Concen: 14.29 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF119626.D
 Acq: 28 Mar 2020 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tgt Ion:178 Resp: 517361
 Ion Ratio Lower Upper
 178 100
 176 17.6 16.1 24.1
 179 15.7 13.0 19.4

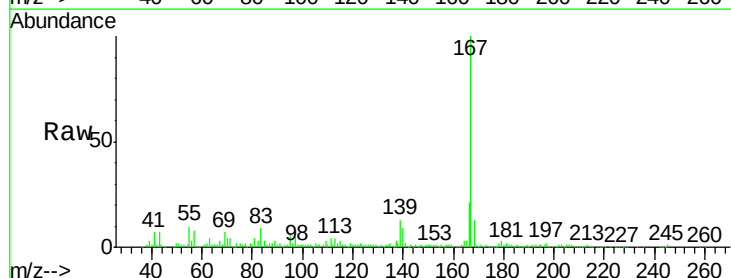


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

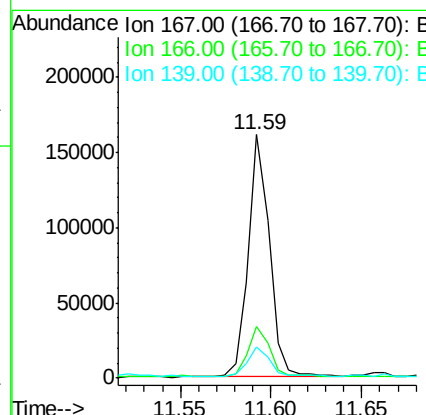
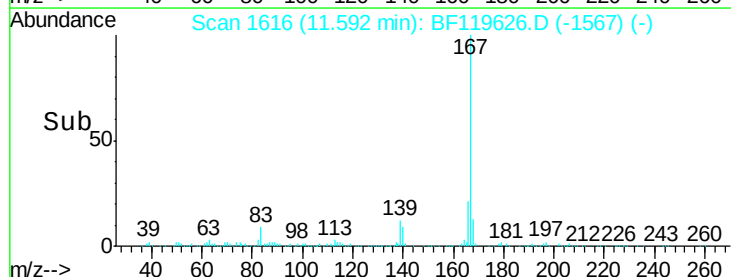


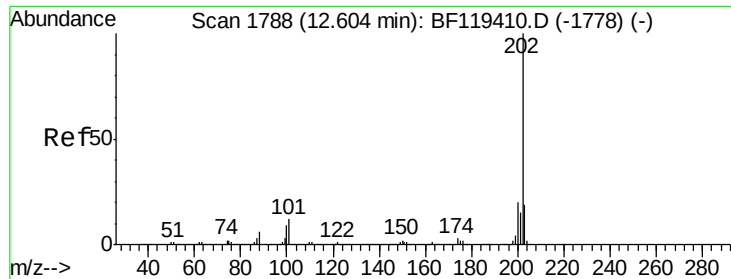
#73
 Carbazole
 Concen: 3.67 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF119626.D
 Acq: 28 Mar 2020 19:35

Tgt Ion:167 Resp: 131407
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.4
 139 12.9 10.7 16.1



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





#75

Fluoranthene

Concen: 48.65 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

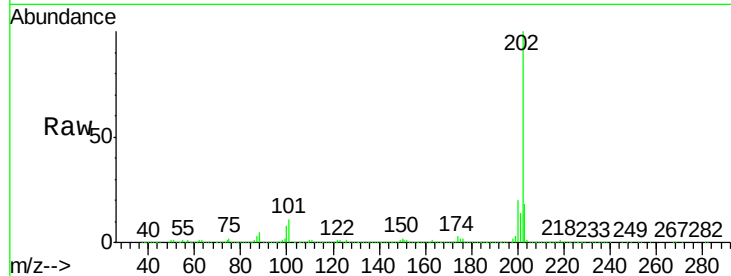
Tgt Ion:202 Resp: 1875567

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.2

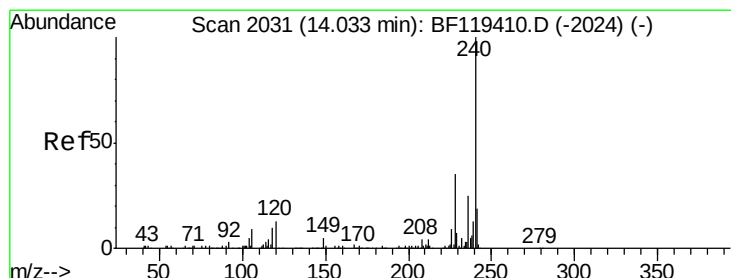
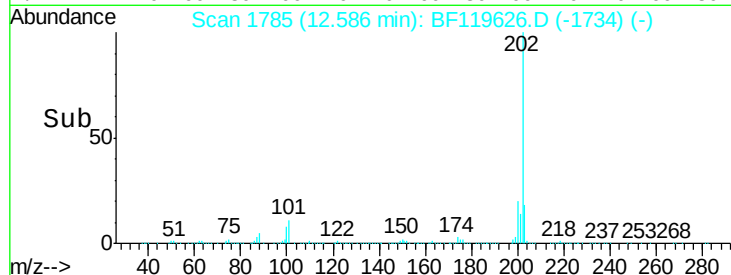
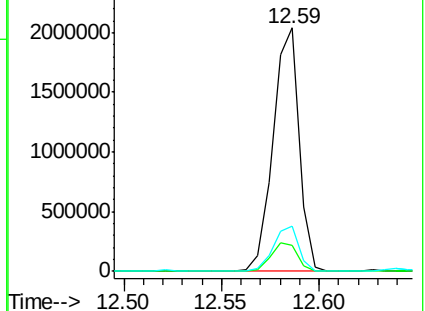
203 18.4 0.0 38.8



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: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

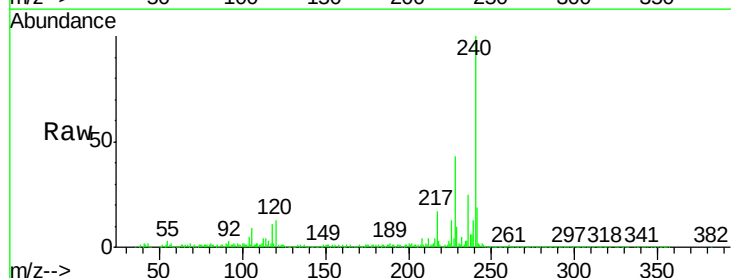
Tgt Ion:240 Resp: 529819

Ion Ratio Lower Upper

240 100

120 12.7 10.6 15.8

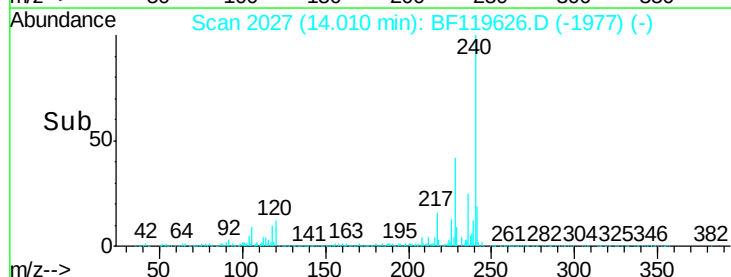
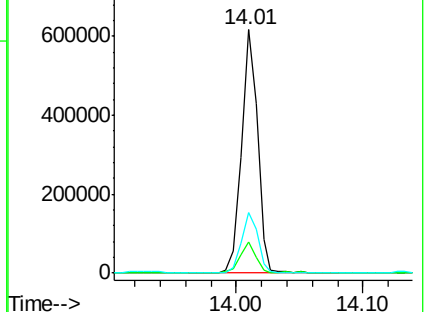
236 24.9 20.2 30.2

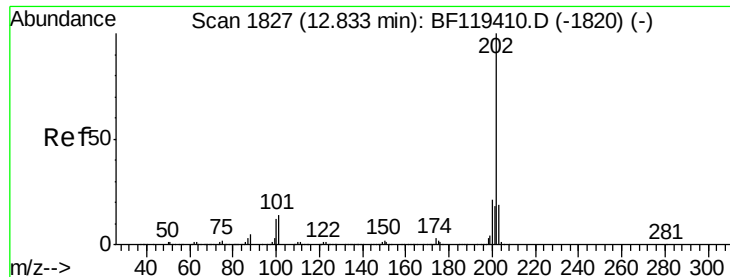


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

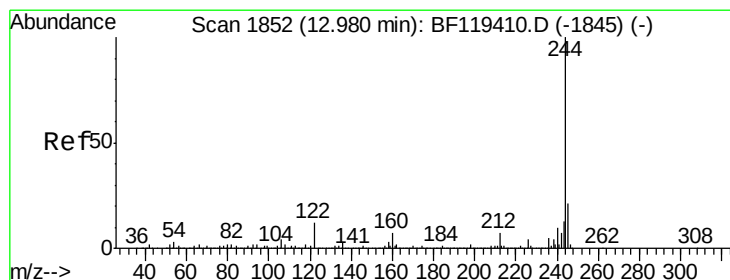
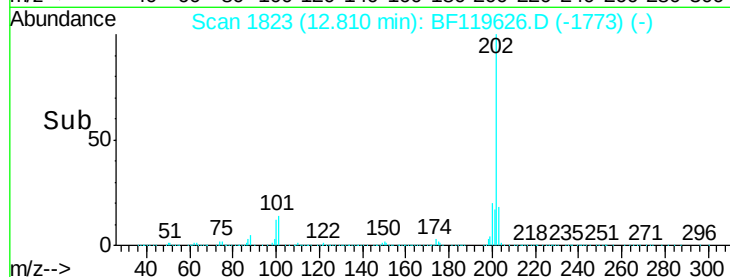
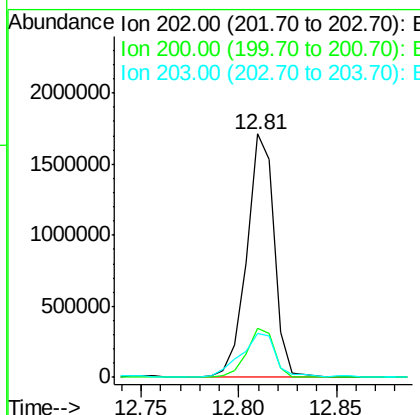
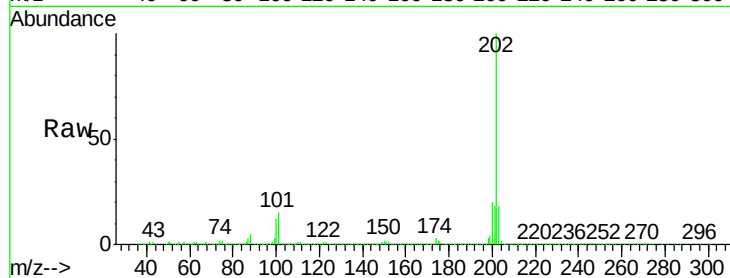




#78
 Pyrene
 Concen: 38.06 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF119626.D
 Acq: 28 Mar 2020 19:35

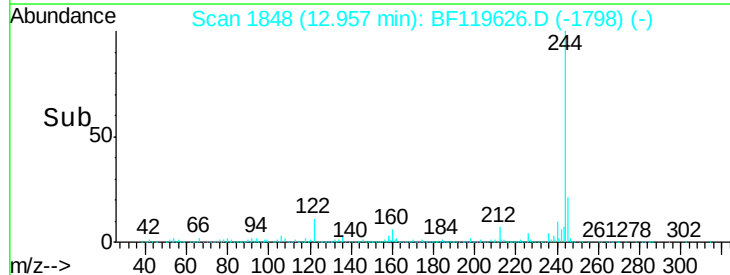
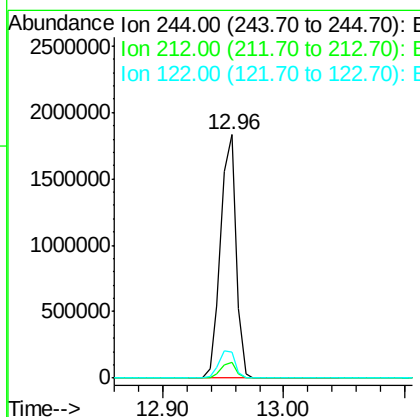
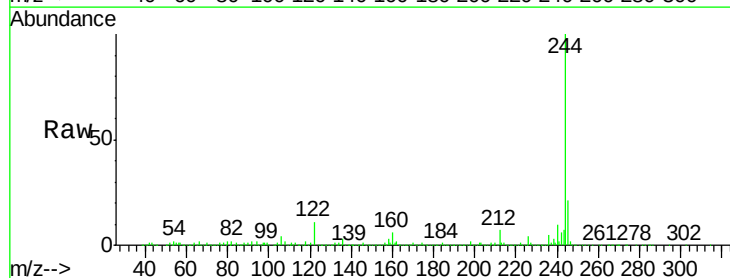
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

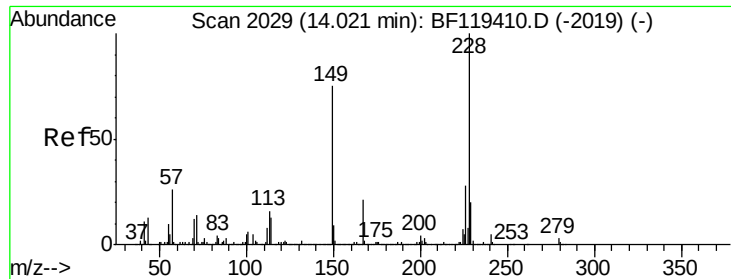
Tgt Ion: 202 Resp: 1654975
 Ion Ratio Lower Upper
 202 100
 200 20.0 16.8 25.2
 203 18.3 15.1 22.7



#79
 Terphenyl-d14
 Concen: 59.92 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119626.D
 Acq: 28 Mar 2020 19:35

Tgt Ion: 244 Resp: 1620297
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.9 10.3 15.5

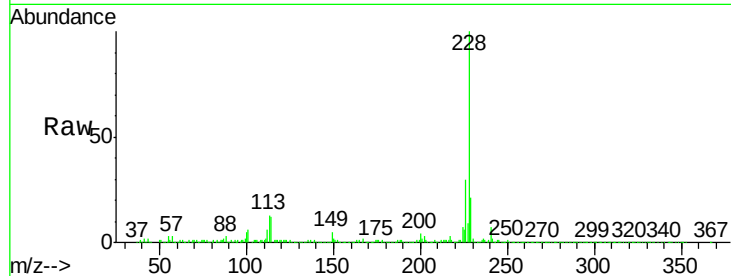




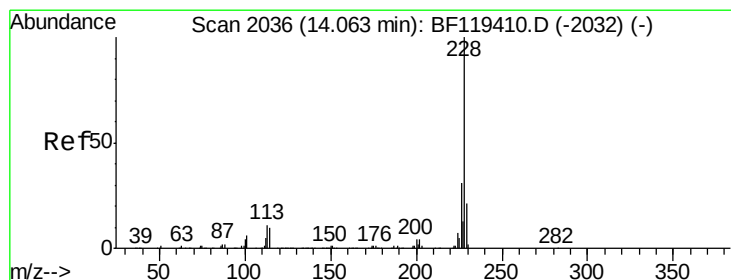
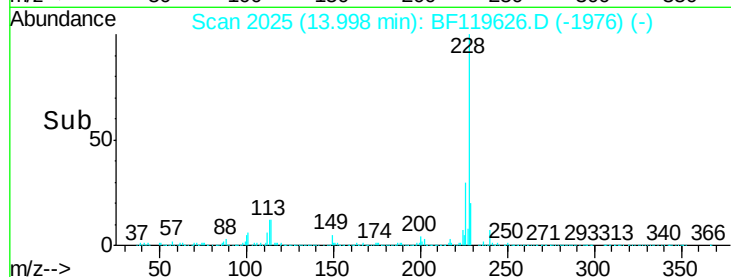
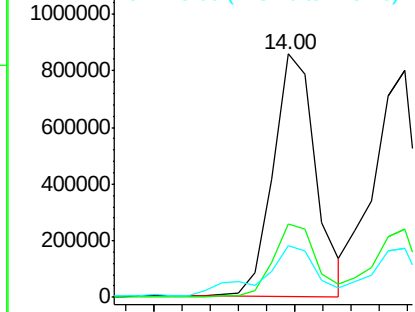
#81
Benzo(a)anthracene
Concen: 26.15 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:228 Resp: 901011
Ion Ratio Lower Upper
228 100
226 30.0 21.8 32.8
229 21.1 16.2 24.4

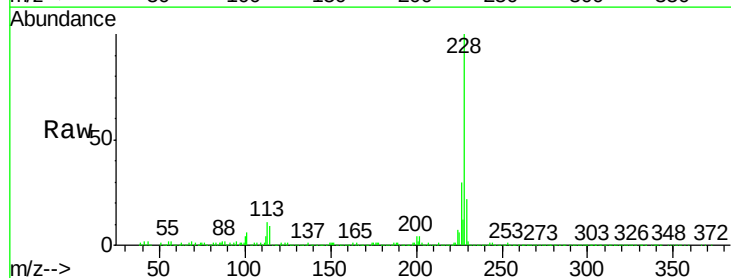


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

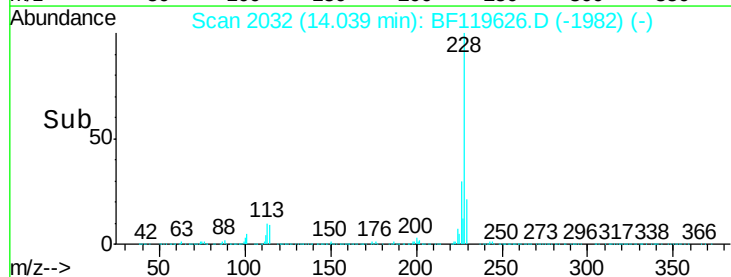
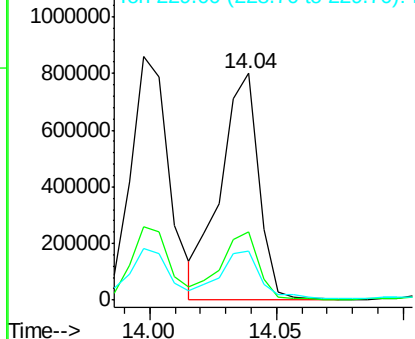


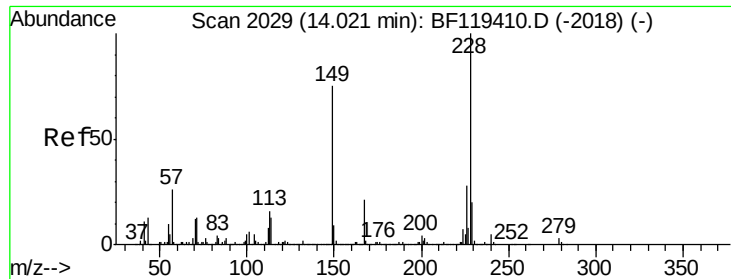
#83
Chrysene
Concen: 23.40 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion:228 Resp: 831984
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.0
229 21.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

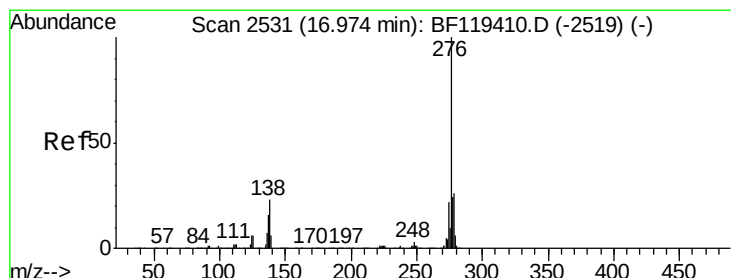
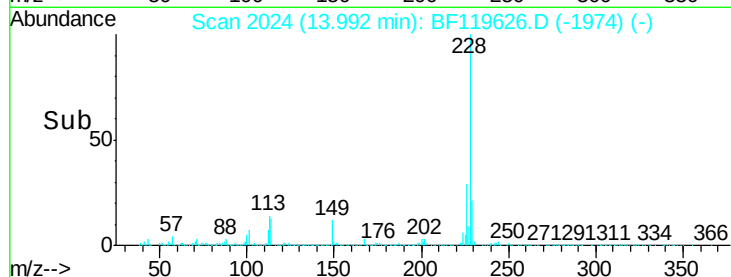
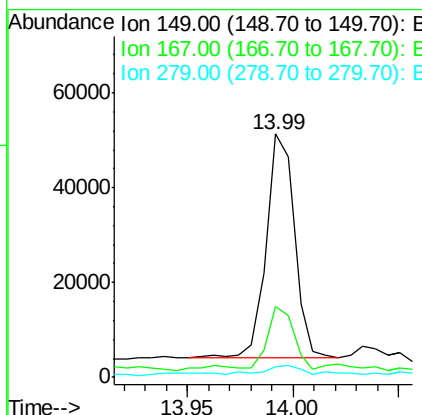
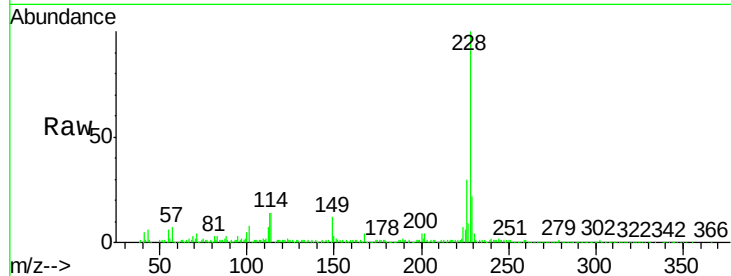




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.13 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

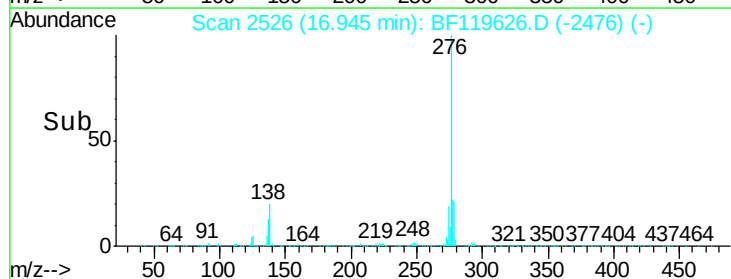
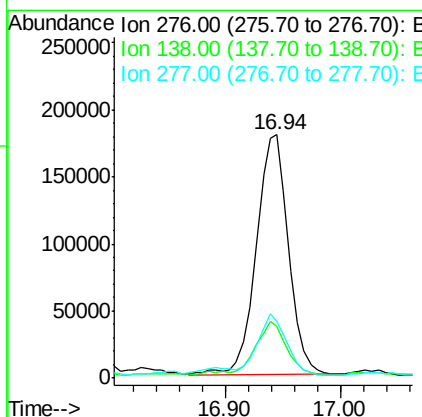
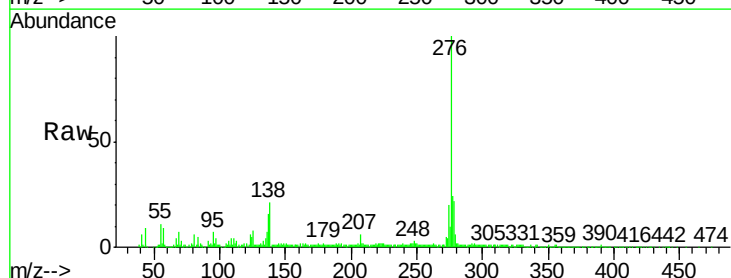
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

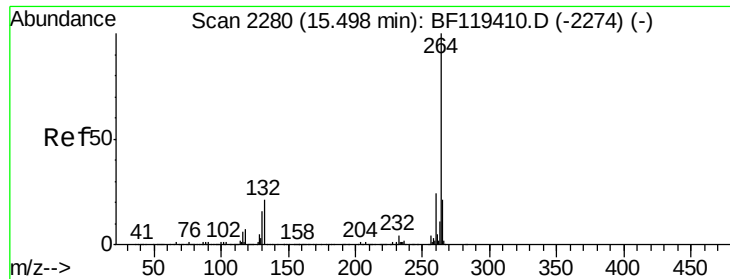
Tgt Ion:149 Resp: 44660
Ion Ratio Lower Upper
149 100
167 29.0 21.3 31.9
279 4.2 2.7 4.1#



#86
Indeno(1,2,3-cd)pyrene
Concen: 10.38 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion:276 Resp: 347523
Ion Ratio Lower Upper
276 100
138 21.5 19.6 29.4
277 23.1 20.0 30.0



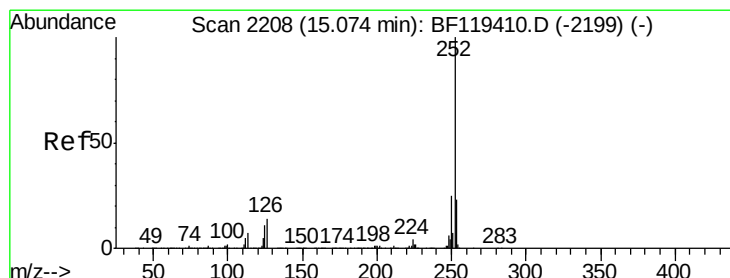
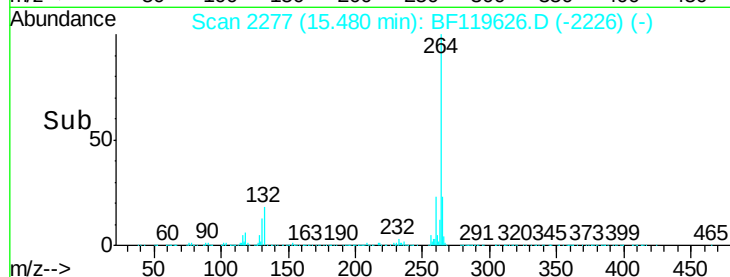
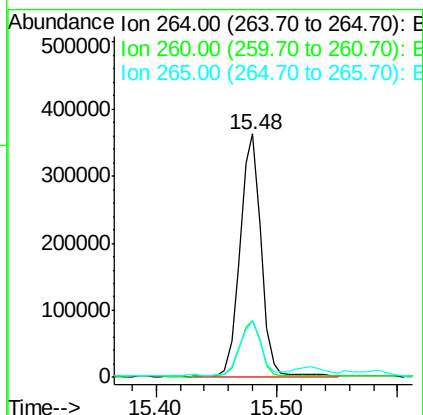
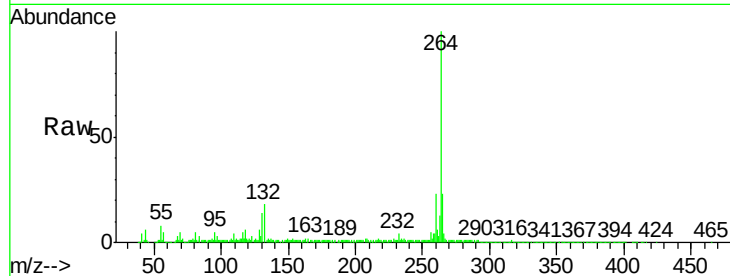


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion: 264 Resp: 438557

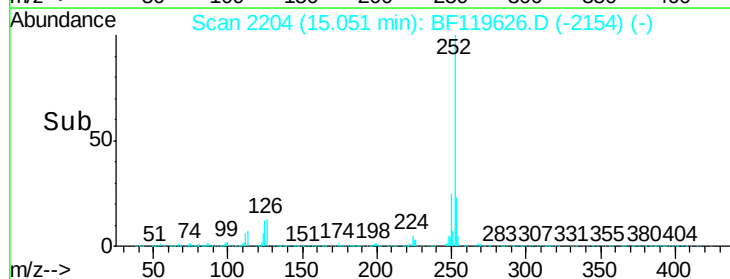
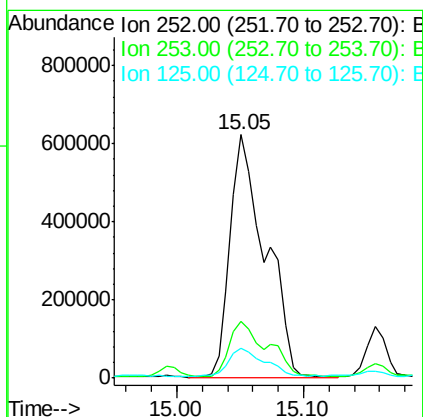
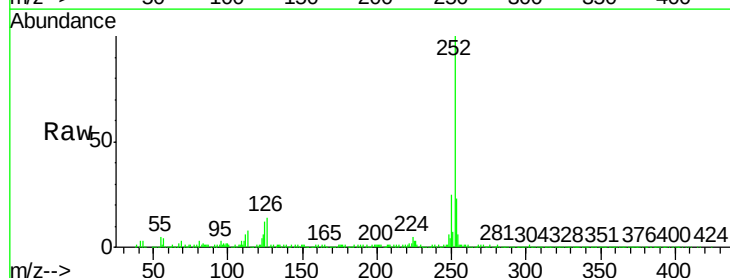
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	23.1	17.7	26.5

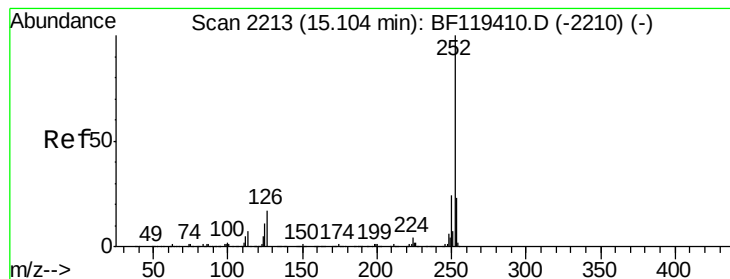


#88
Benzo(b)fluoranthene
Concen: 40.84 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion: 252 Resp: 1196547

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	12.3	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 42.89 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

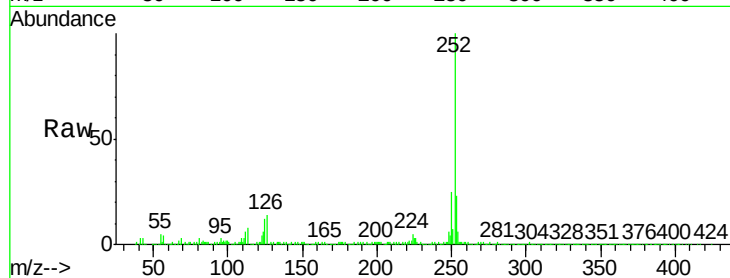
Tgt Ion:252 Resp: 1196547

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

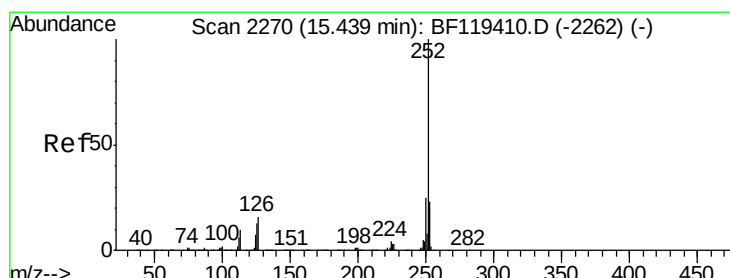
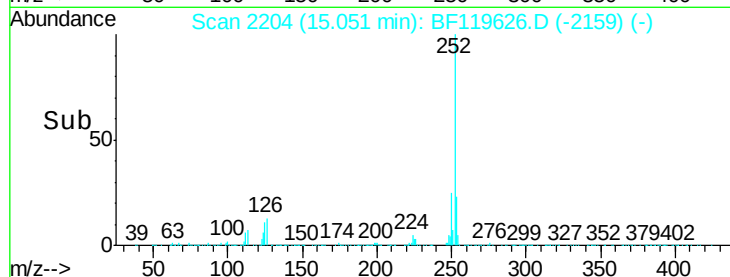
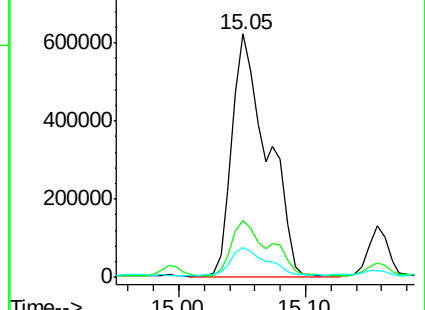
125 12.3 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 21.87 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF119626.D

Acq: 28 Mar 2020 19:35

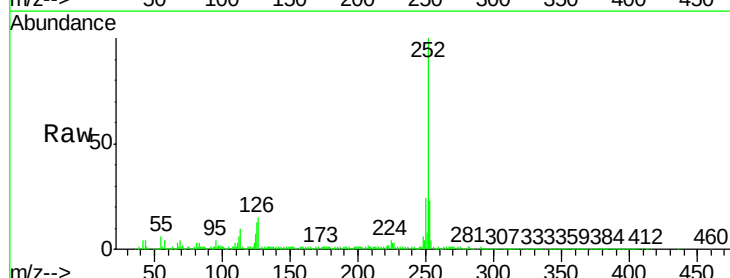
Tgt Ion:252 Resp: 582193

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

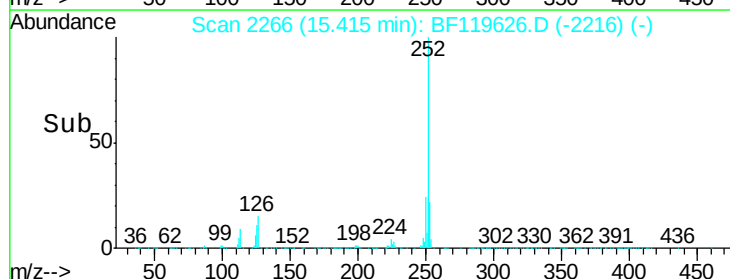
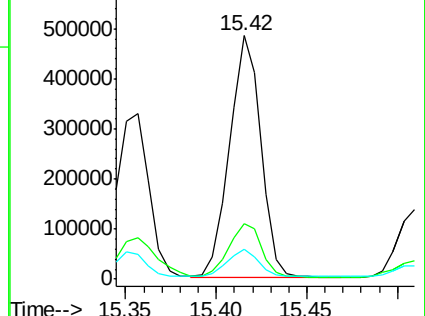
125 12.5 9.4 14.2

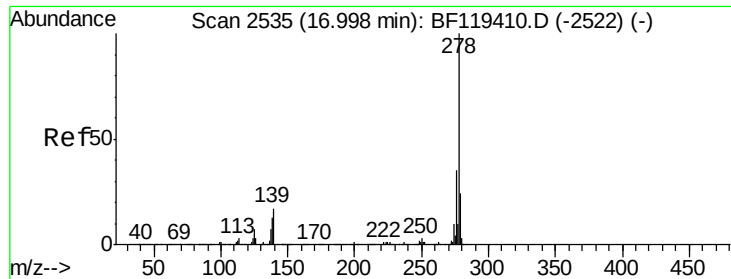


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

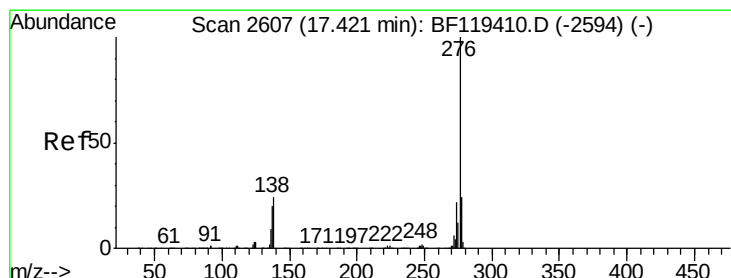
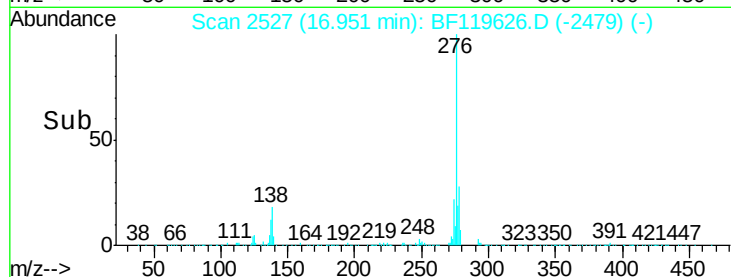
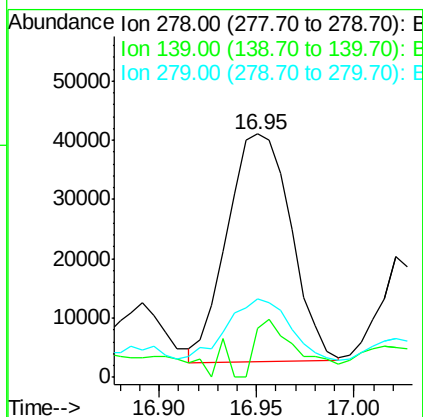
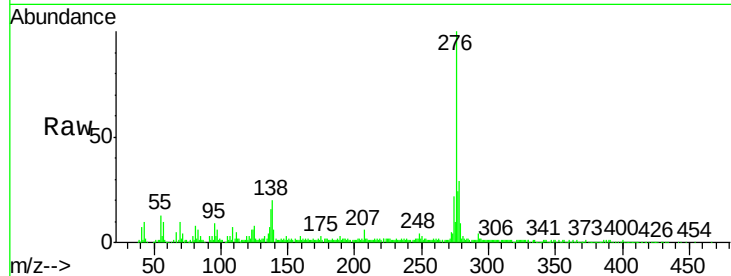




#91
Dibenzo(a,h)anthracene
Concen: 3.73 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tgt Ion:278 Resp: 86750
Ion Ratio Lower Upper
278 100
139 19.9 12.6 19.0#
279 32.0 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 13.55 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF119626.D
Acq: 28 Mar 2020 19:35

Tgt Ion:276 Resp: 316878
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 22.4 15.4 23.0

