

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
 Data File : BF120361.D
 Acq On : 19 May 2020 14:01
 Operator : MA/SJ
 Sample : L2665-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Quant Time: May 19 14:33:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

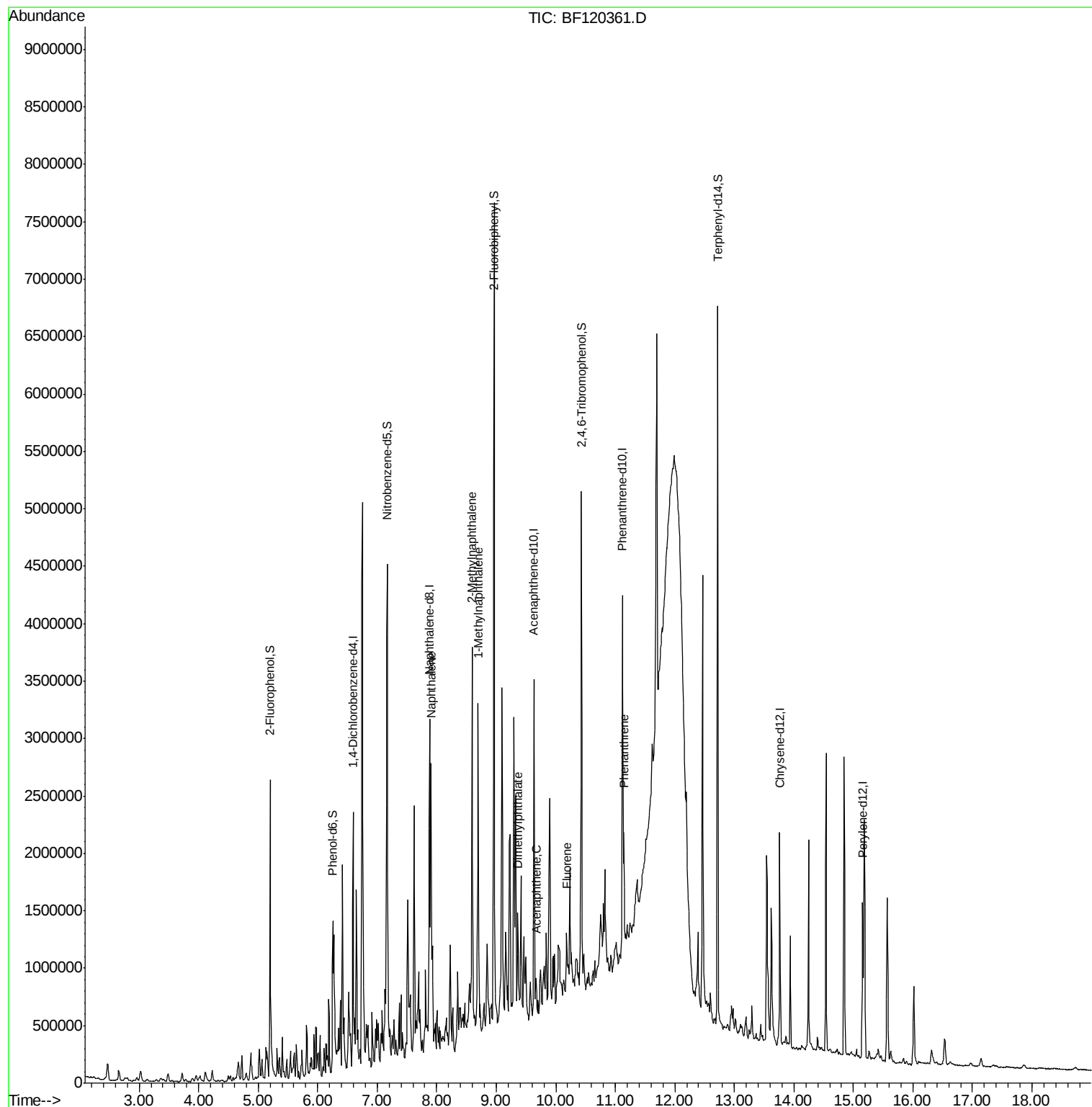
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	389150	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1304854	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	671114	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1300995	20.00	ng	0.00
76) Chrysene-d12	13.76	240	728822	20.00	ng	-0.01
87) Perylene-d12	15.16	264	606744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	895156	44.76	ng	0.00
7) Phenol-d6	6.25	99	798537	31.57	ng	0.00
23) Nitrobenzene-d5	7.17	82	1491907	78.28	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	656375	119.95	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2867445	87.78	ng	0.00
79) Terphenyl-d14	12.72	244	2518064	76.33	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.90	128	1020433	18.53	ng	98
37) 2-Methylnaphthalene	8.60	142	980222	26.01	ng	98
38) 1-Methylnaphthalene	8.69	142	895897	24.51	ng	99
50) Dimethylphthalate	9.36	163	353731	8.34	ng	100
52) Acenaphthene	9.67	154	66593	2.06	ng	98
58) Fluorene	10.18	166	128145	3.62	ng	# 96
71) Phenanthrene	11.15	178	325447	5.95	ng	99

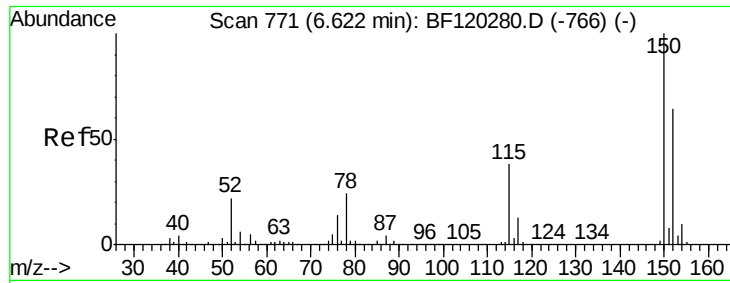
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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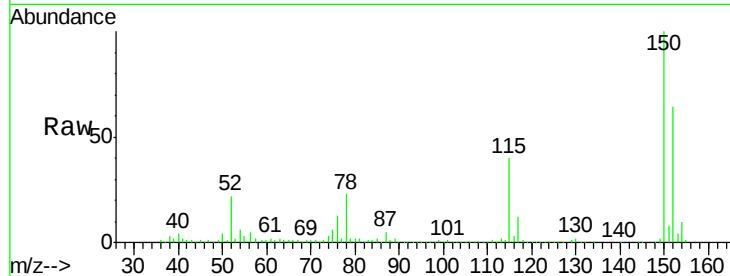




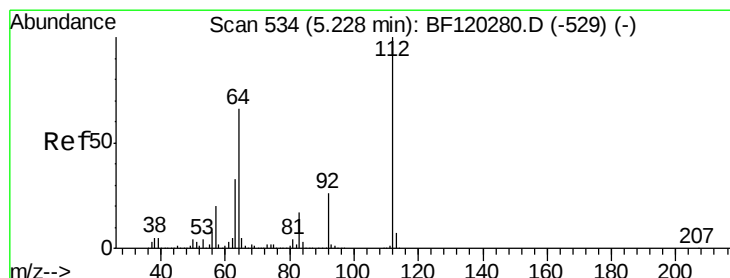
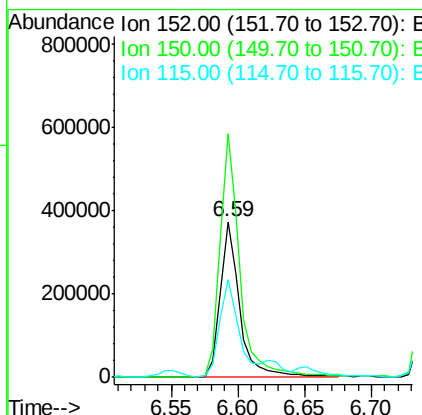
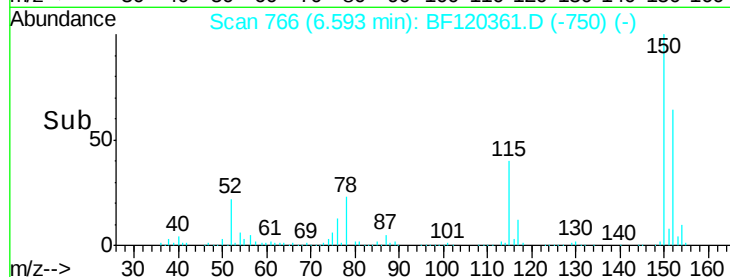
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Tgt Ion:152 Resp: 389150
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.2 189.2
 115 63.1 47.9 71.9

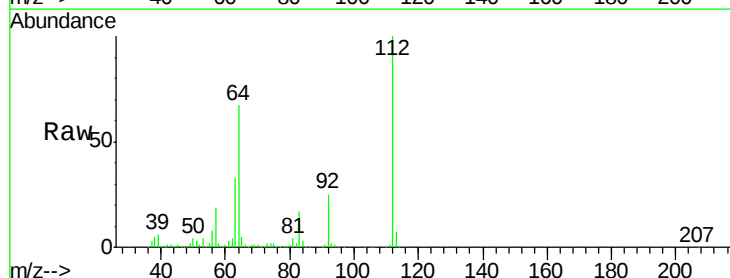


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

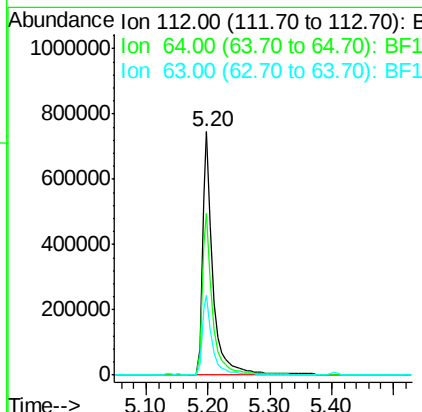
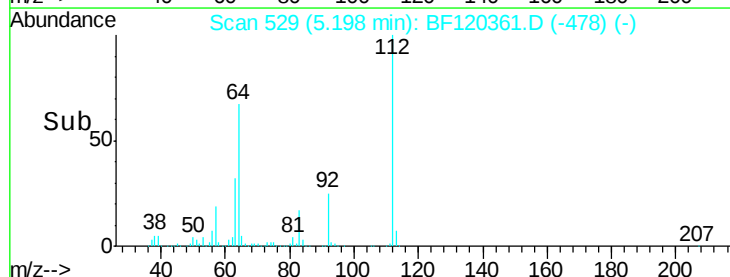


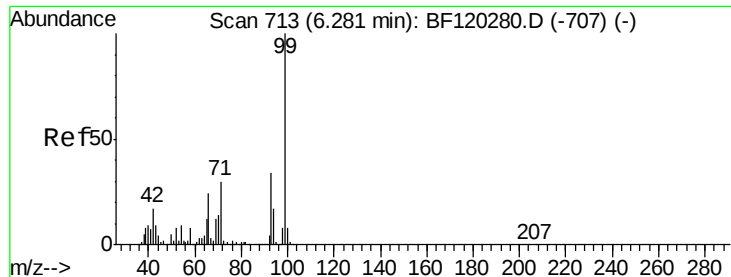
#5
 2-Fluorophenol
 Concen: 44.76 ng
 RT: 5.20 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

Tgt Ion:112 Resp: 895156
 Ion Ratio Lower Upper
 112 100
 64 66.6 52.7 79.1
 63 32.5 26.2 39.4



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: 31.57 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

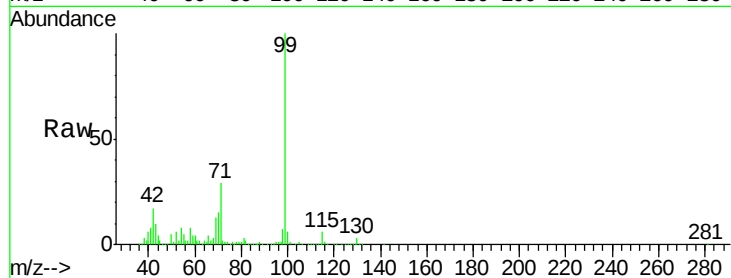
Tgt Ion: 99 Resp: 798537

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

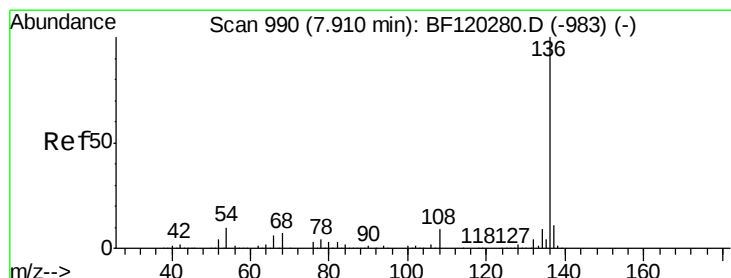
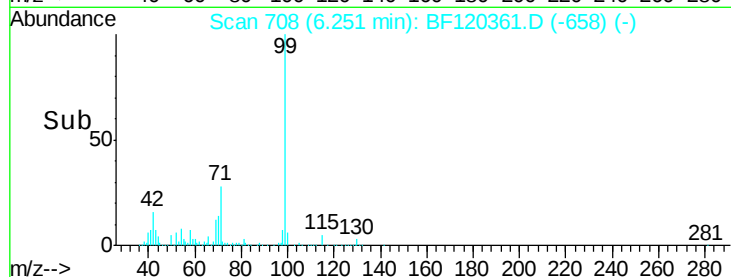
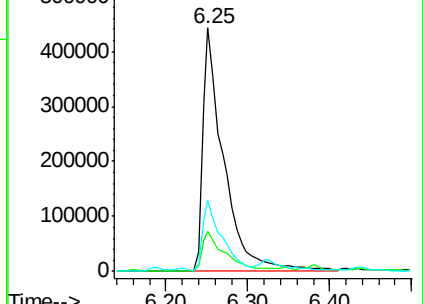
71 28.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Tgt Ion: 136 Resp: 1304854

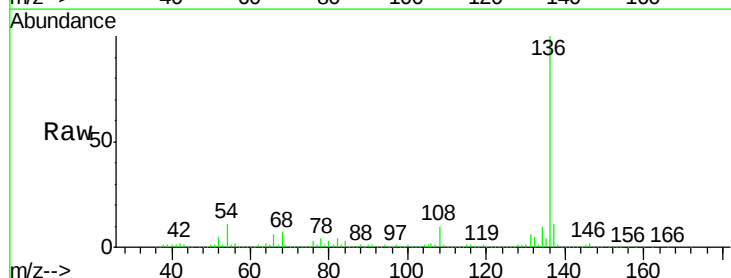
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.1 7.9 11.9

68 7.2 5.4 8.2

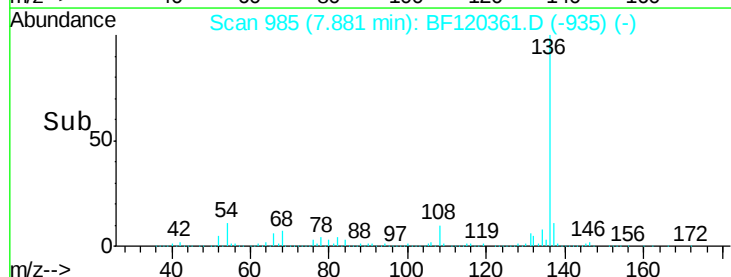
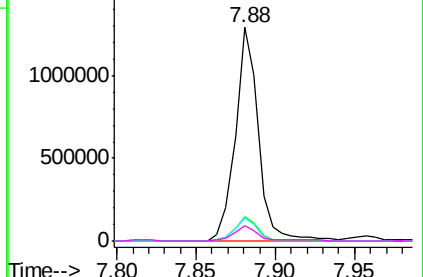


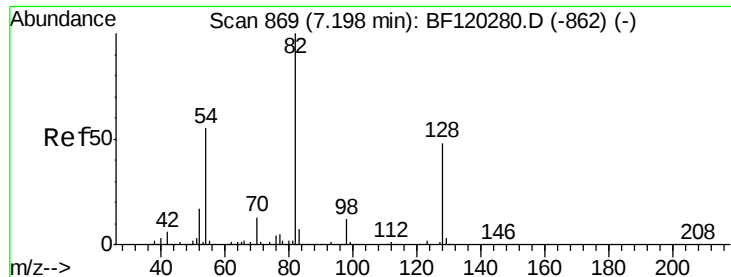
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

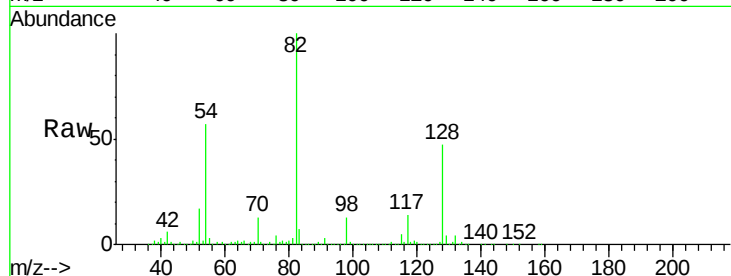




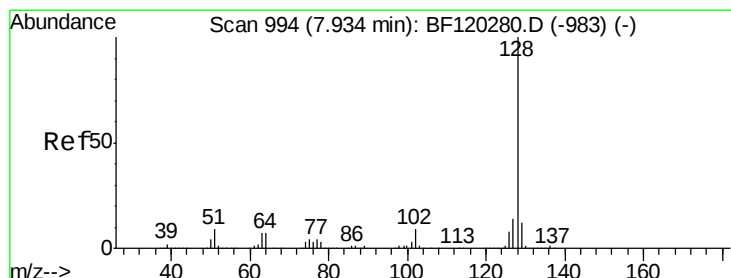
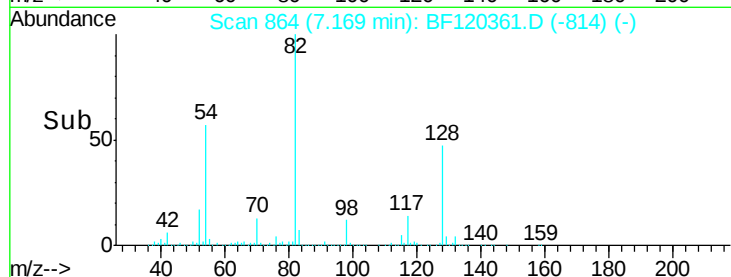
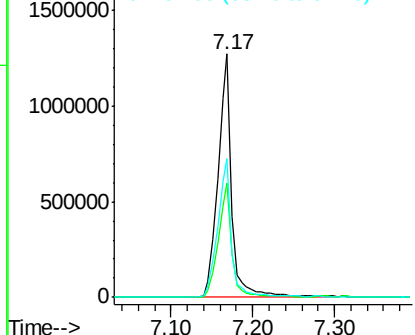
#23
Nitrobenzene-d5
Concen: 78.28 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

Tgt Ion: 82 Resp: 1491907
Ion Ratio Lower Upper
82 100
128 46.7 38.3 57.5
54 56.9 43.9 65.9

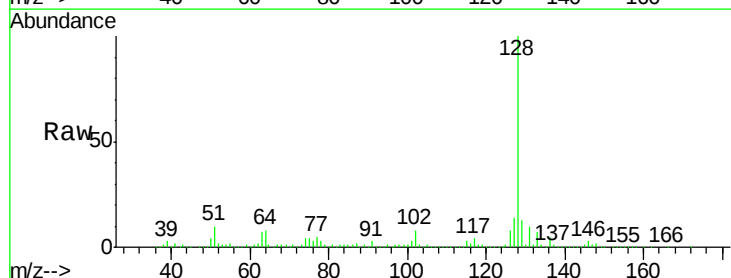


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

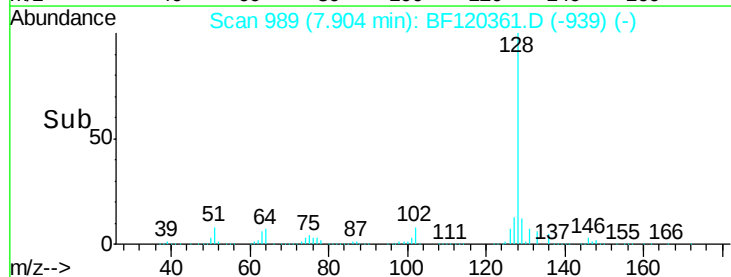
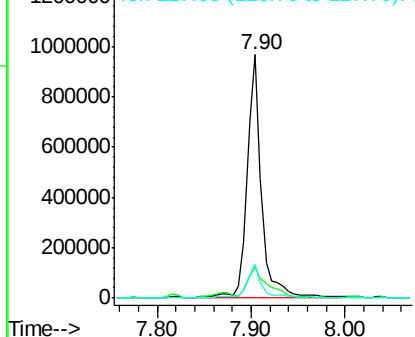


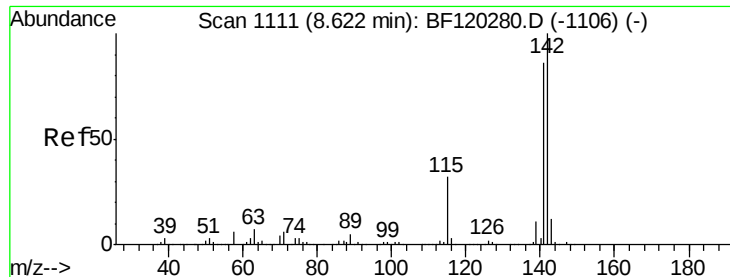
#31
Naphthalene
Concen: 18.53 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Tgt Ion: 128 Resp: 1020433
Ion Ratio Lower Upper
128 100
129 12.9 9.3 13.9
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

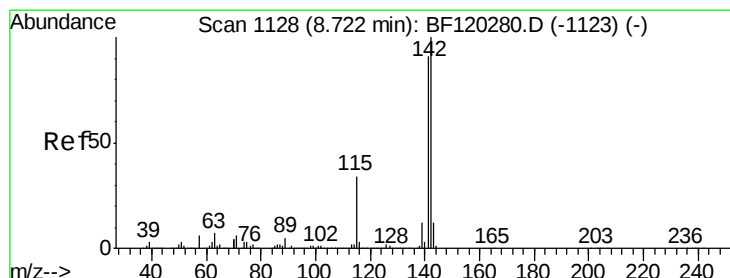
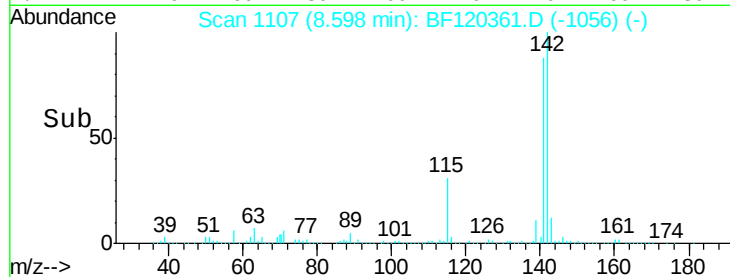
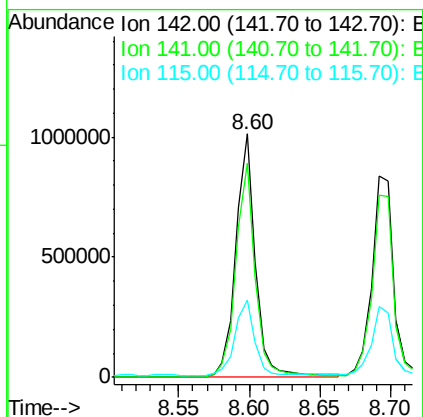
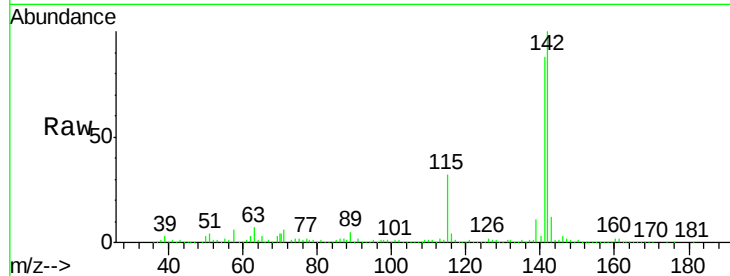




#37
2-Methylnaphthalene
Concen: 26.01 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

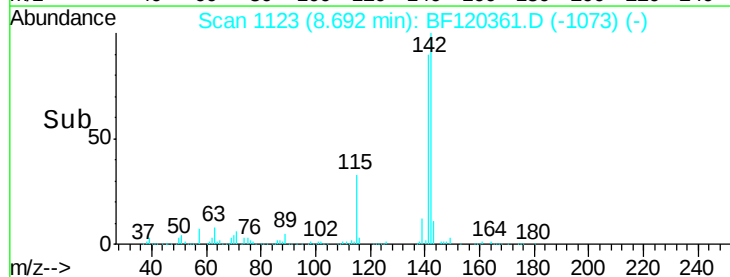
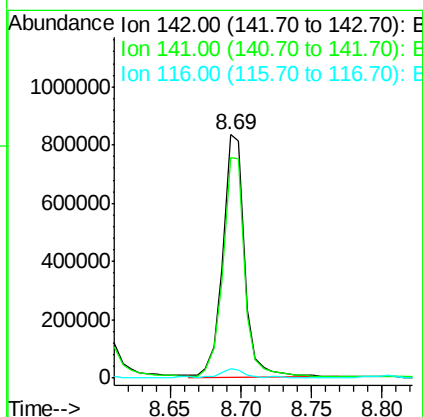
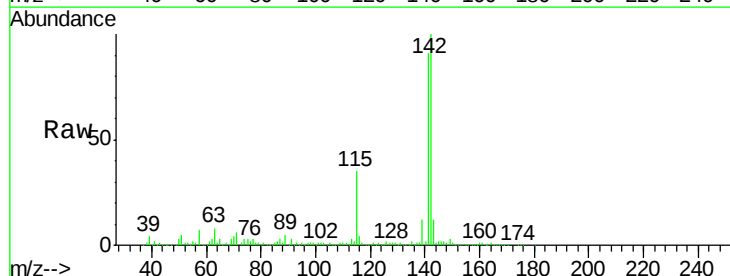
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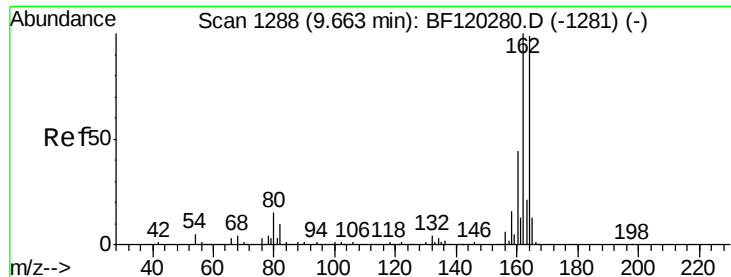
Tgt Ion:142 Resp: 980222
Ion Ratio Lower Upper
142 100
141 88.2 68.8 103.2
115 31.6 25.7 38.5



#38
1-Methylnaphthalene
Concen: 24.51 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Tgt Ion:142 Resp: 895897
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6
116 4.1 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

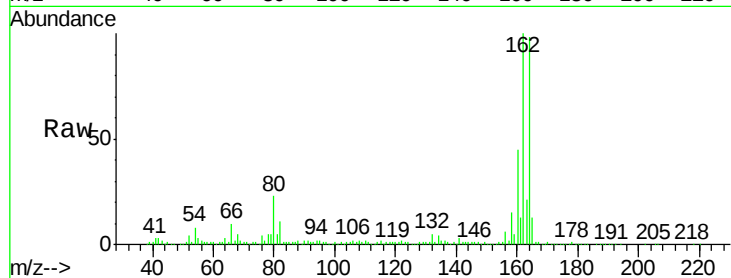
Tgt Ion:164 Resp: 671114

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

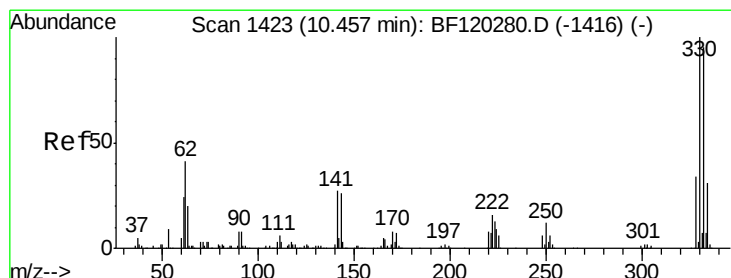
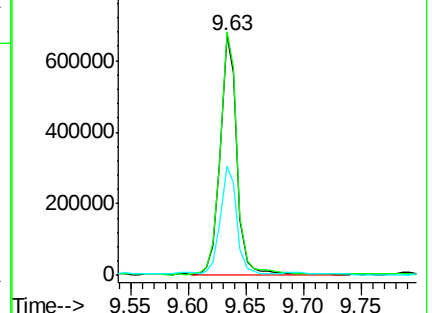
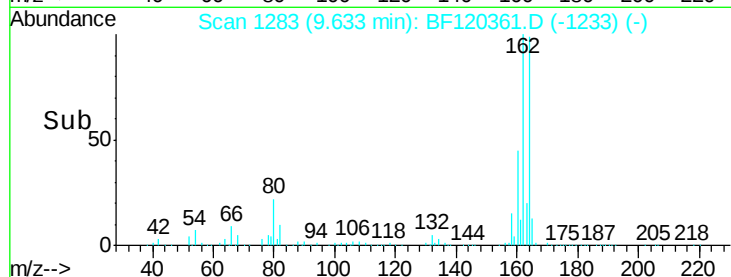
160 45.4 35.8 53.6



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: 119.95 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

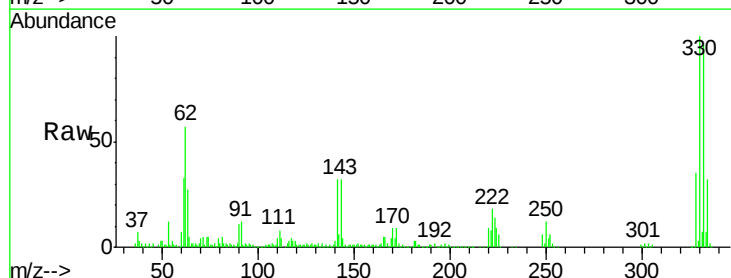
Tgt Ion:330 Resp: 656375

Ion Ratio Lower Upper

330 100

332 95.5 76.5 114.7

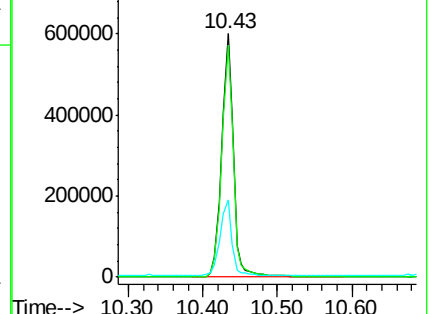
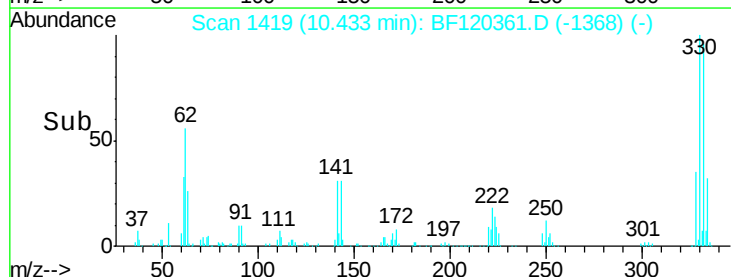
141 30.9 25.4 38.0

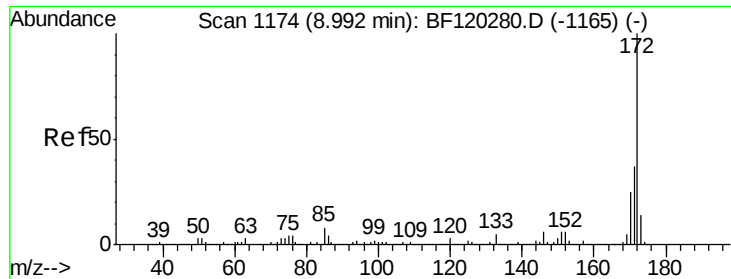


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

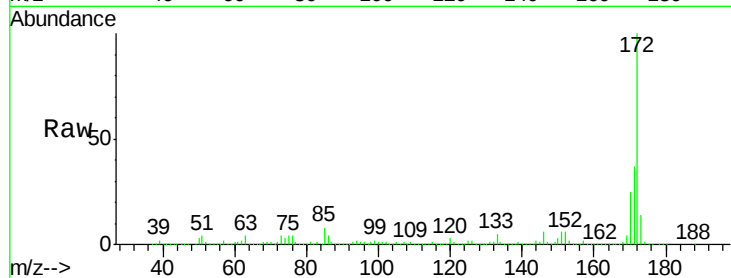




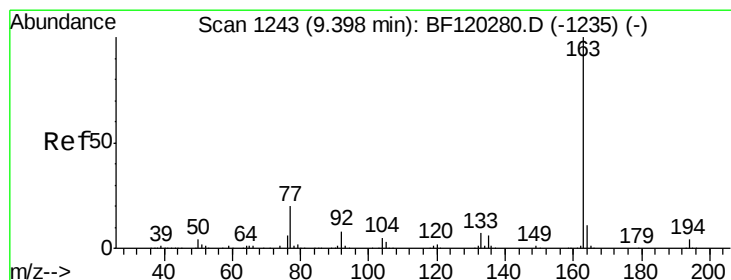
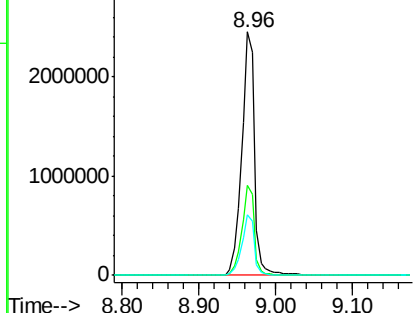
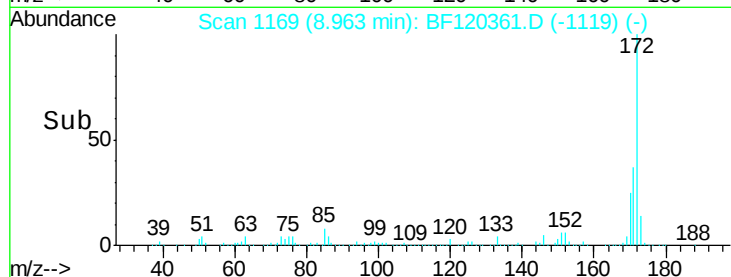
#45
 2-Fluorobiphenyl
 Concen: 87.78 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

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Tgt Ion:172 Resp: 2867445
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 19.9 29.9

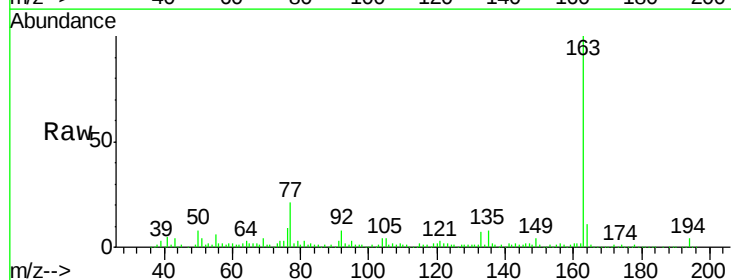


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

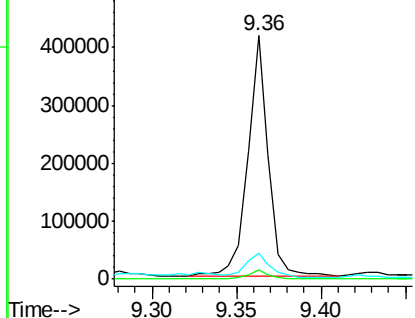
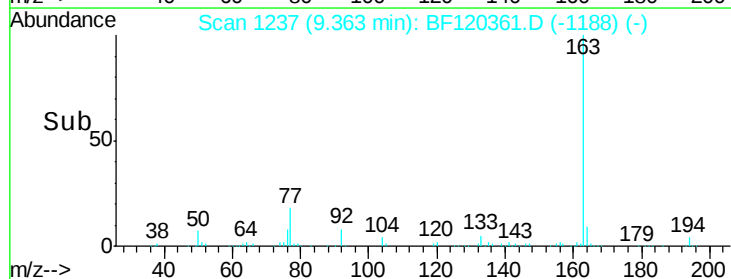


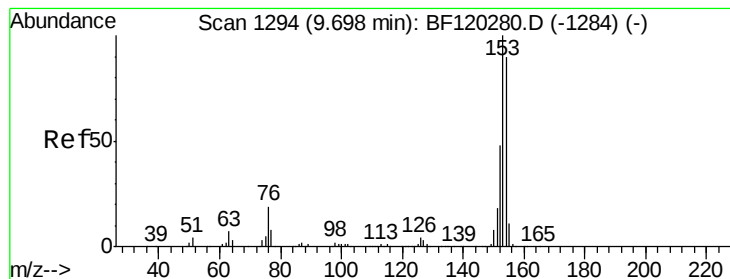
#50
 Dimethylphthalate
 Concen: 8.34 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

Tgt Ion:163 Resp: 353731
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.1 4.7
 164 10.7 8.6 12.8



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





#52

Acenaphthene

Concen: 2.06 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

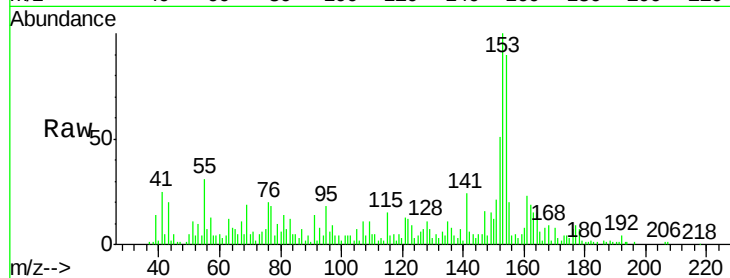
Tgt Ion:154 Resp: 66593

Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.4

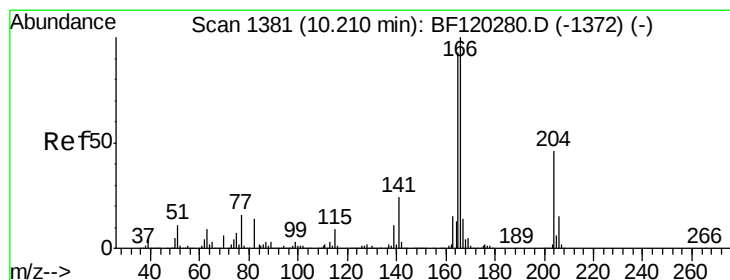
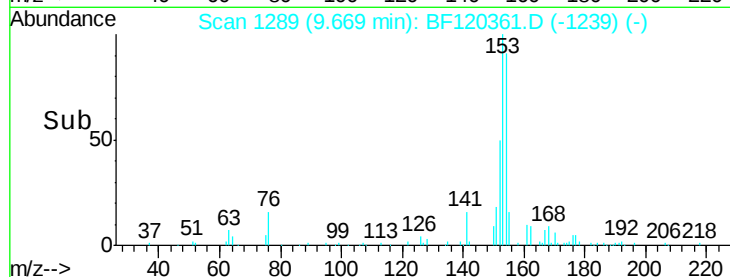
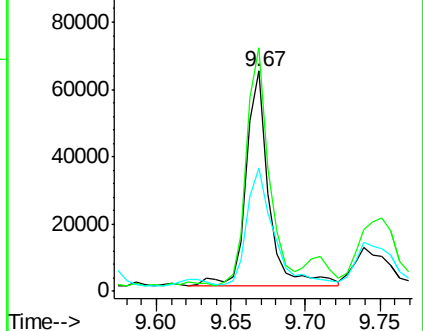
152 56.2 42.6 64.0



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



#58

Fluorene

Concen: 3.62 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

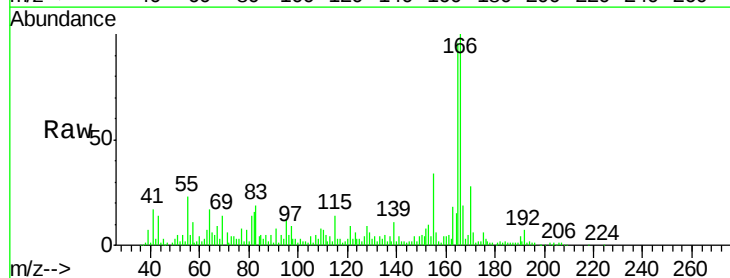
Tgt Ion:166 Resp: 128145

Ion Ratio Lower Upper

166 100

165 96.0 74.7 112.1

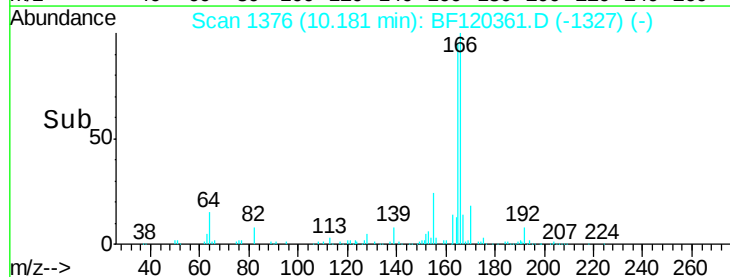
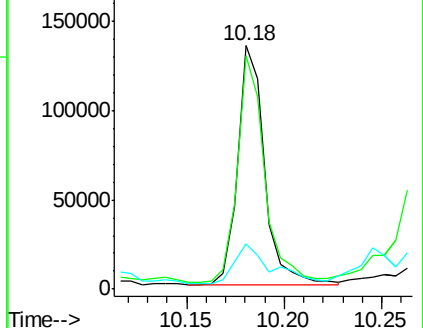
167 18.6 11.4 17.0#

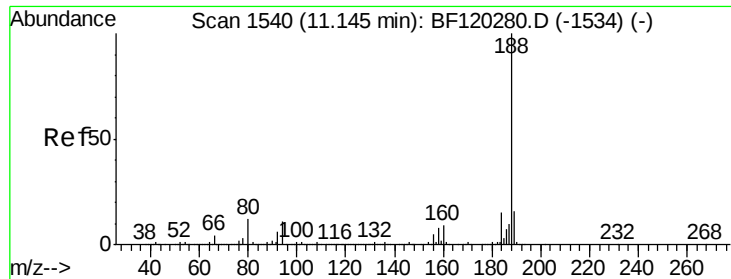


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

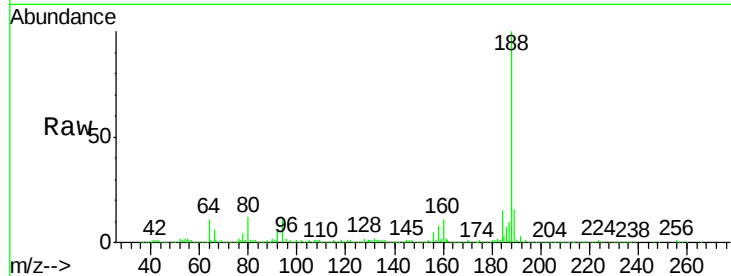




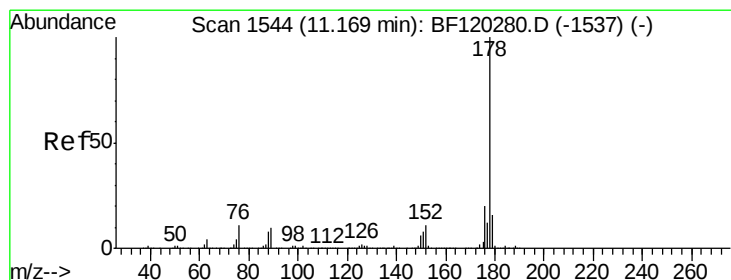
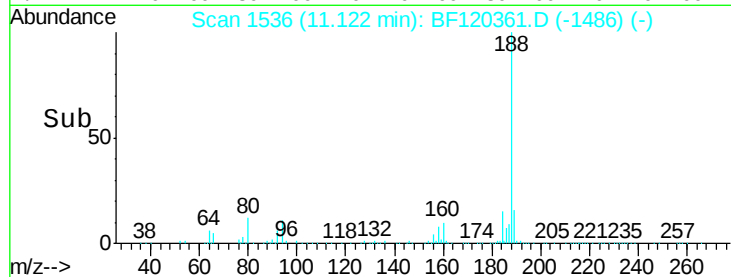
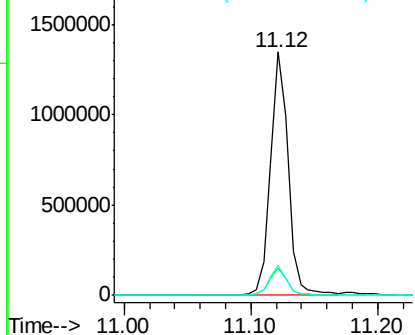
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

Tgt Ion:188 Resp: 1300995
Ion Ratio Lower Upper
188 100
94 11.2 8.6 13.0
80 12.1 9.2 13.8

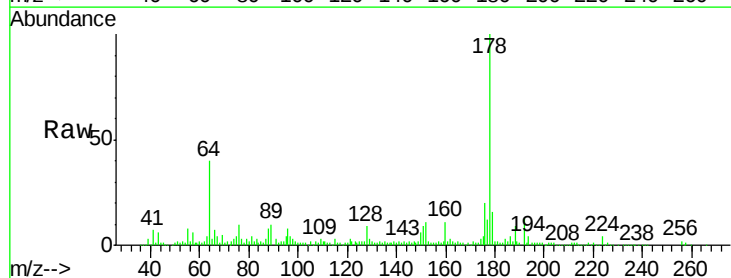


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

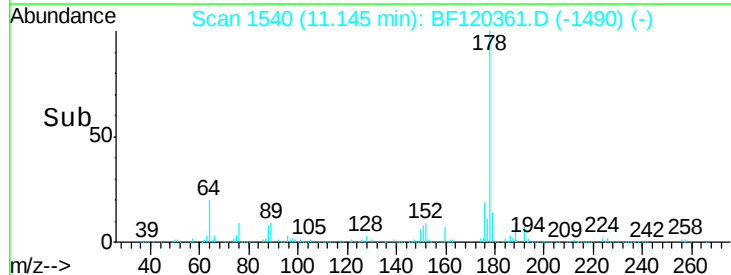
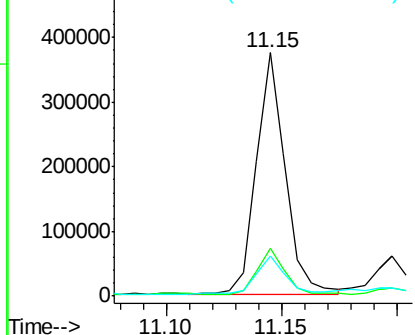


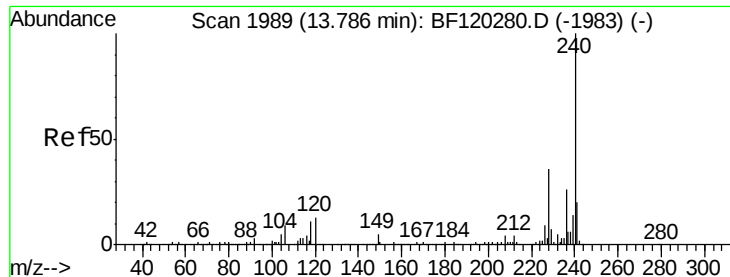
#71
Phenanthrene
Concen: 5.95 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Tgt Ion:178 Resp: 325447
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.3 12.8 19.2



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: 20.00 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

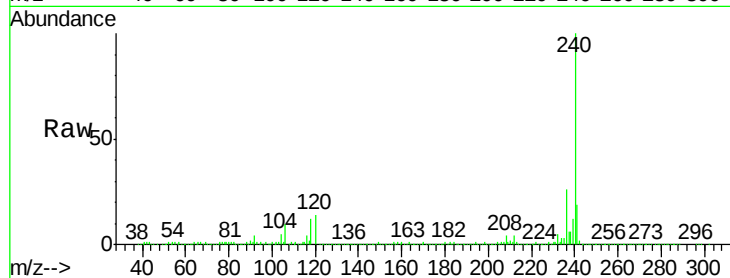
Tgt Ion:240 Resp: 728822

Ion Ratio Lower Upper

240 100

120 14.0 10.4 15.6

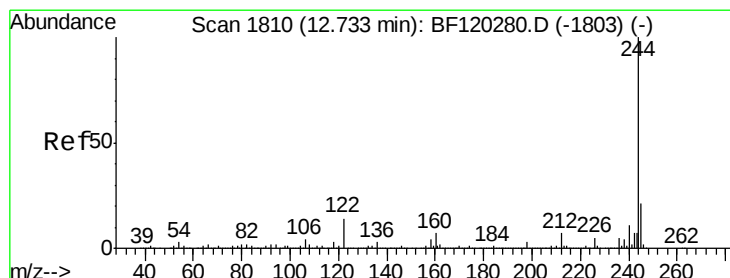
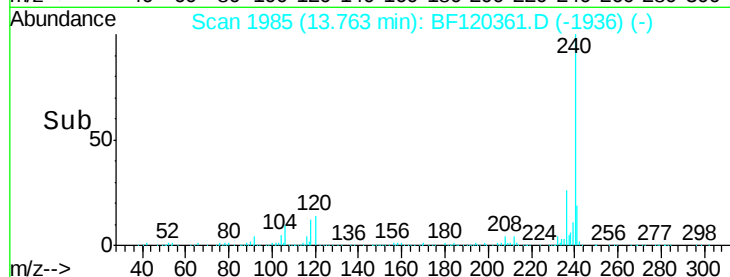
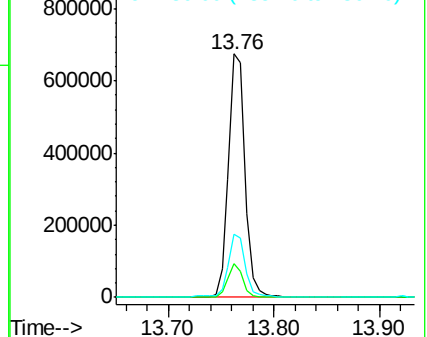
236 26.2 21.0 31.6



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



#79

Terphenyl-d14

Concen: 76.33 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

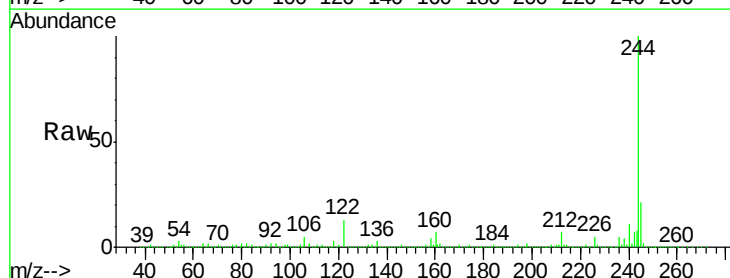
Tgt Ion:244 Resp: 2518064

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

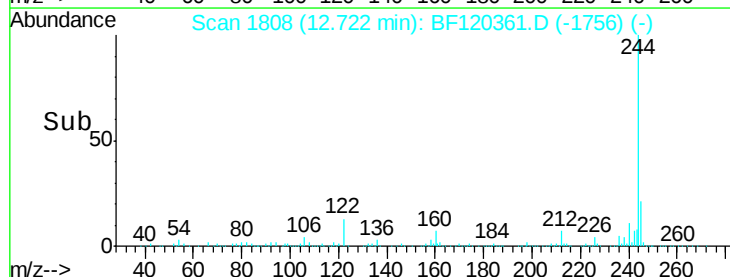
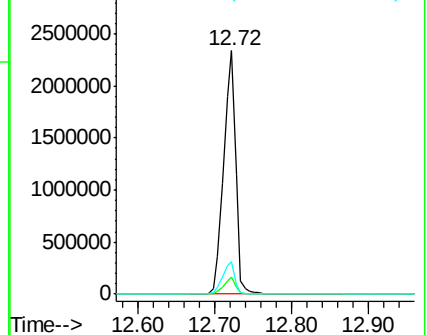
122 13.4 10.8 16.2

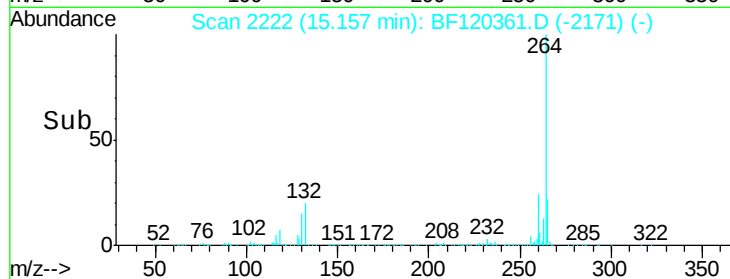
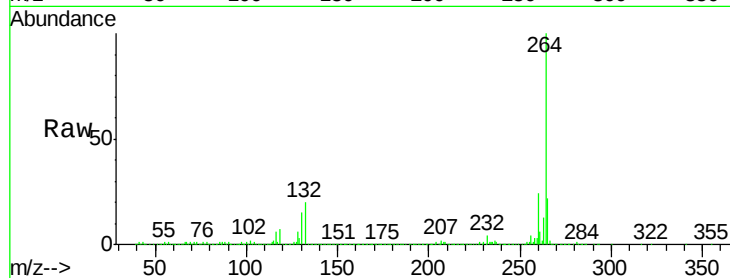
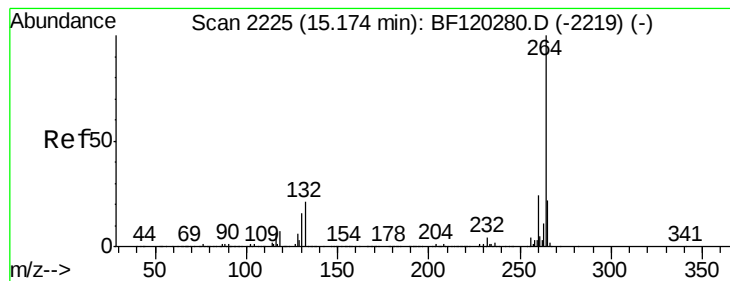


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tgt Ion: 264 Resp: 606744

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.1 17.5 26.3

