

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 14:31:48 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

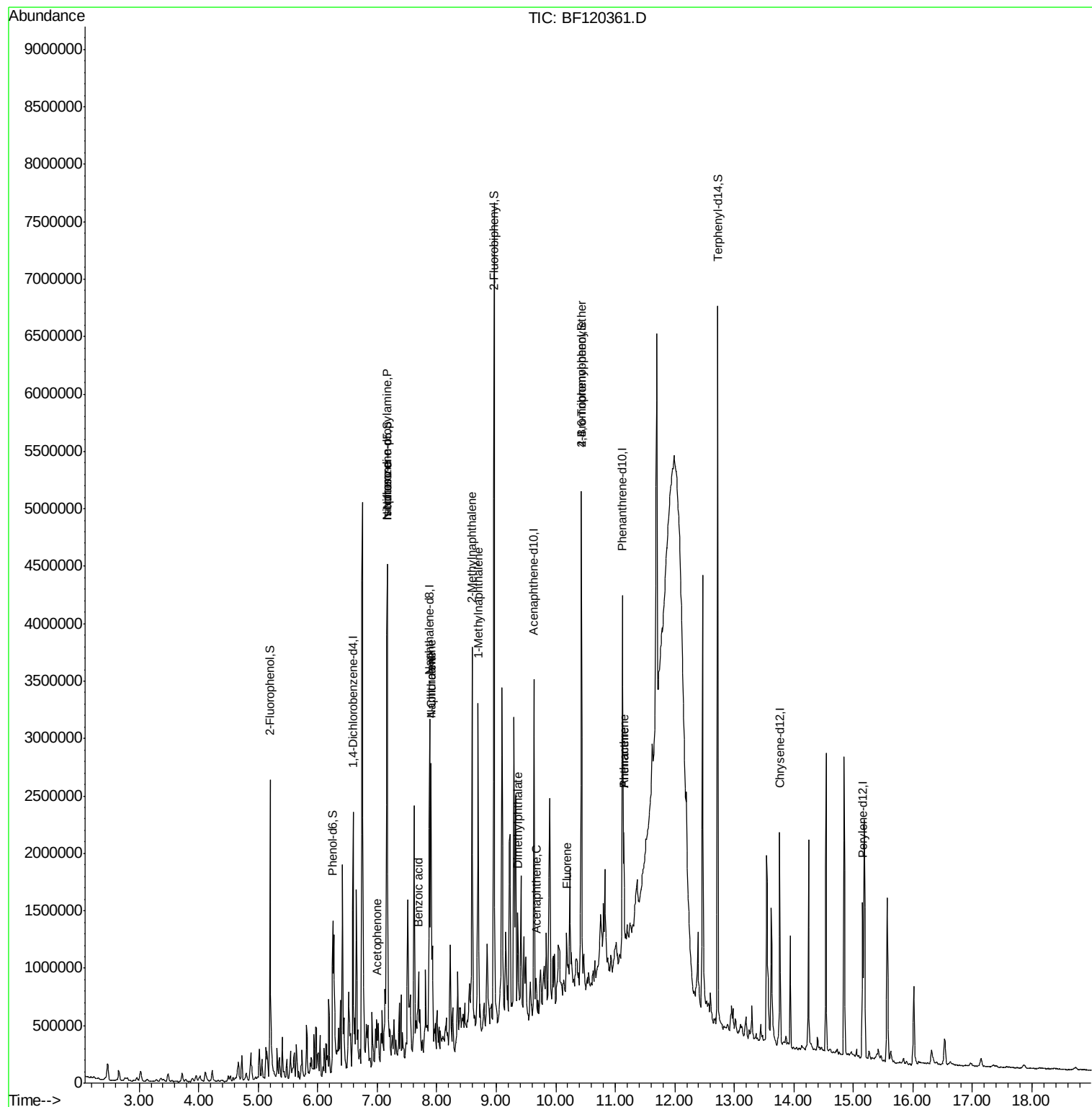
						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	191033	11.529	ng	# 80
22) Acetophenone	6.99	105	133582	4.997	ng	# 67
25) Isophorone	7.17	82	1452809	36.637	ng	# 65
31) Naphthalene	7.90	128	1020433	18.529	ng	# 98
32) Benzoic acid	7.70	122	37003	3.618	ng	# 28
33) 4-Chloroaniline	7.90	127	150918	6.013	ng	# 34
37) 2-Methylnaphthalene	8.60	142	980222	26.010	ng	# 98
38) 1-Methylnaphthalene	8.69	142	895897	24.511	ng	# 99
50) Dimethylphthalate	9.36	163	353731	8.338	ng	# 100
52) Acenaphthene	9.67	154	66593	2.062	ng	# 98
58) Fluorene	10.18	166	128145	3.618	ng	# 96
67) 4-Bromophenyl-phenylether	10.43	248	40120	3.178	ng	# 1
71) Phenanthrene	11.15	178	325447	5.953	ng	# 99
72) Anthracene	11.15	178	325447	5.561	ng	# 100

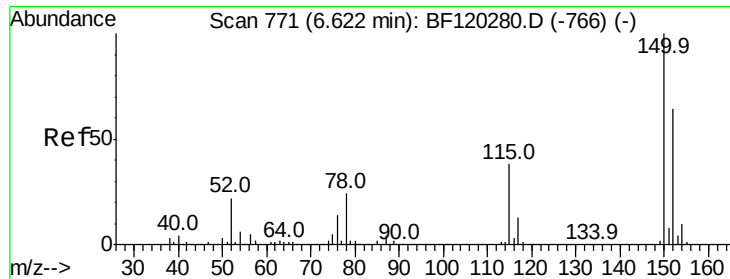
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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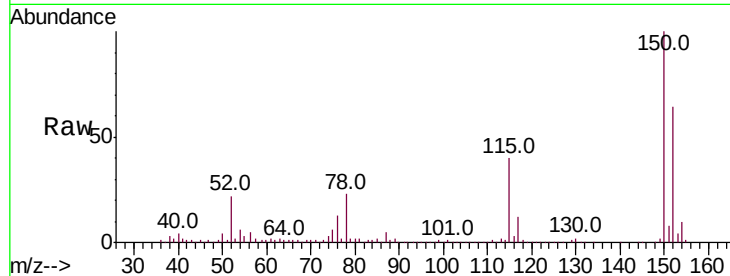


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	63.1	47.9	71.9

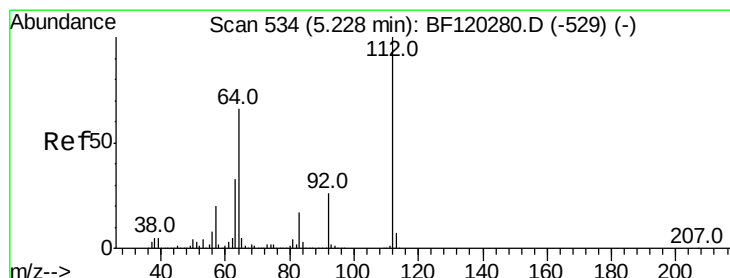
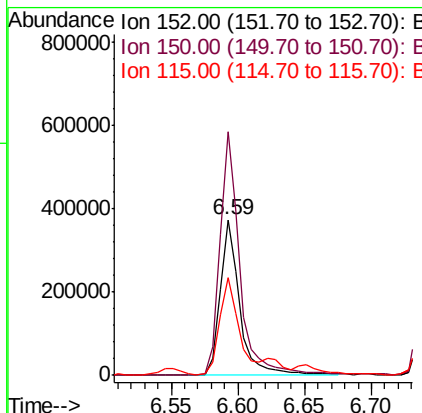
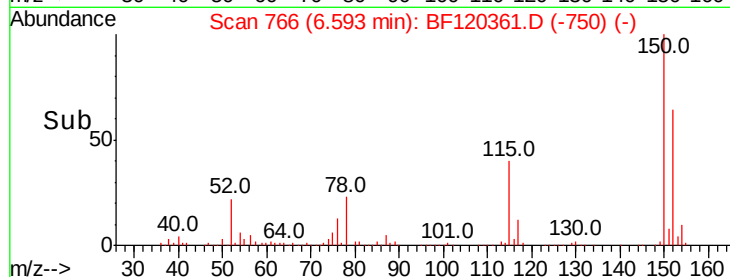


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

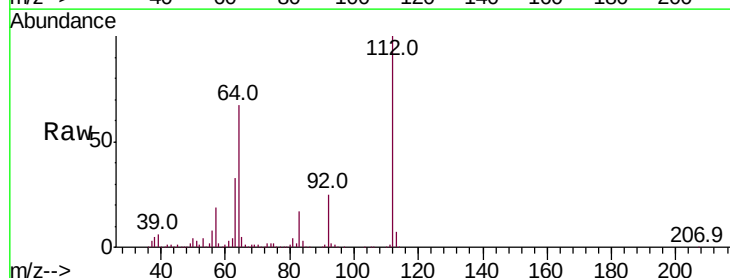
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.757 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	Ratio	Lower	Upper
112	100		
64	66.6	52.7	79.1
63	32.5	26.2	39.4

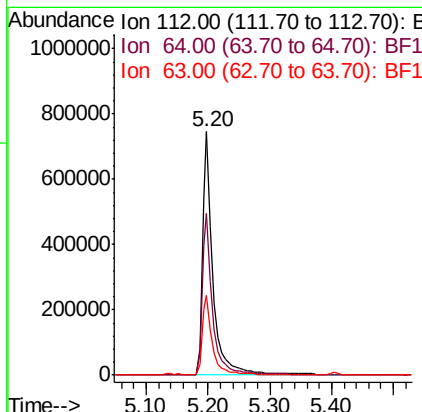
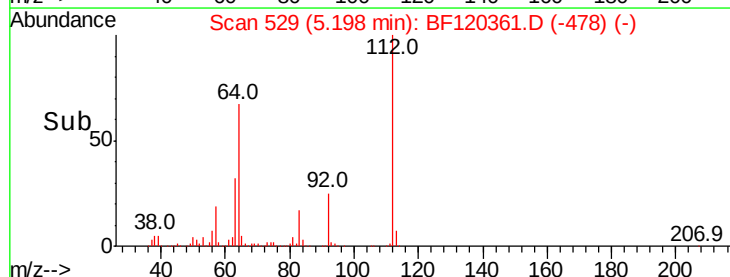


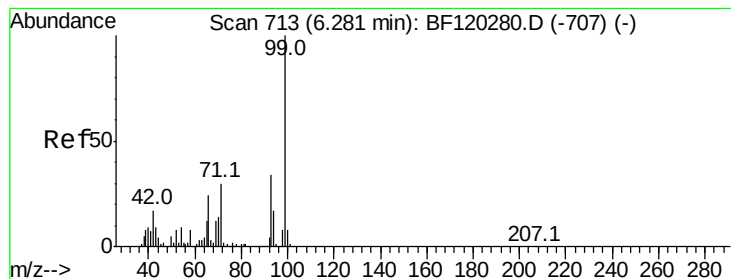
Abundance

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: 31.572 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

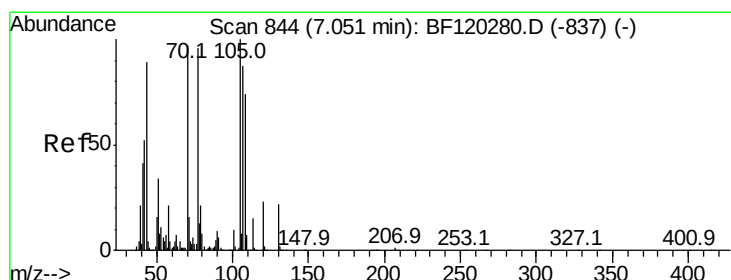
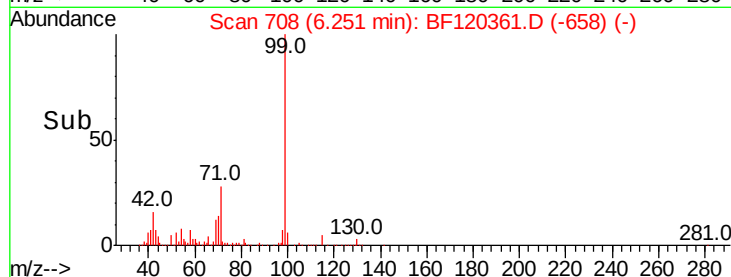
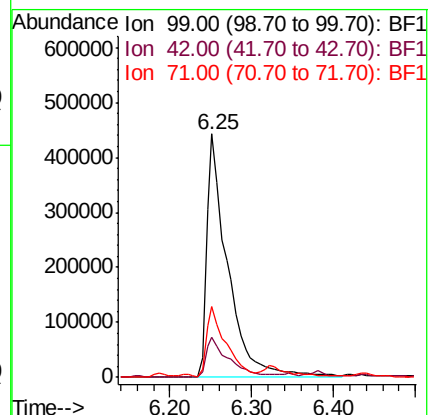
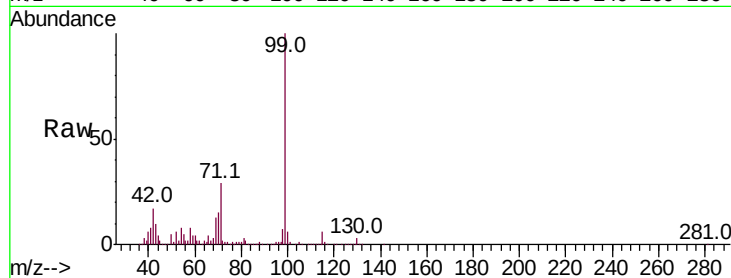
Tot Ion: 99 Resp: 798537

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 28.9 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.529 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.14 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Tgt Ion: 70 Resp: 191033

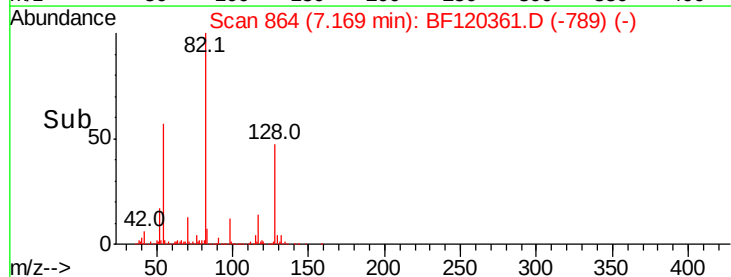
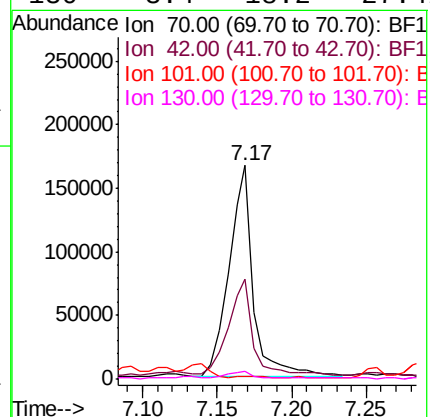
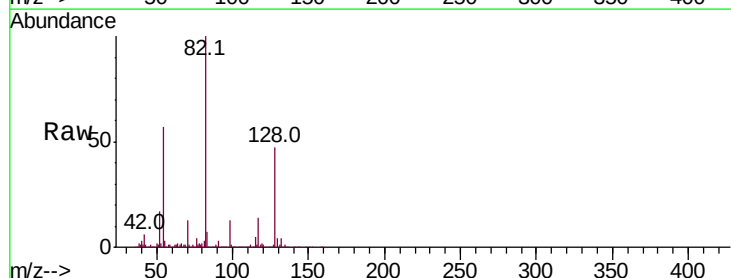
Ion Ratio Lower Upper

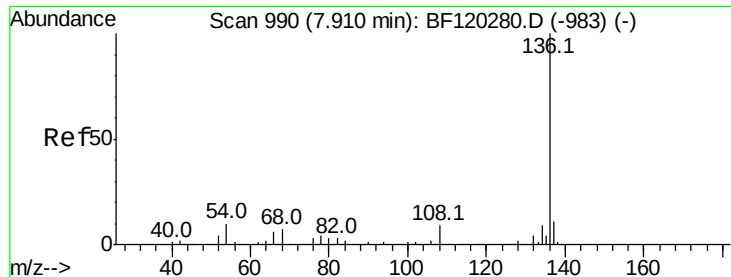
70 100

42 46.8 43.4 65.0

101 1.1 7.8 11.8#

130 3.4 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion:136 Resp: 1304854

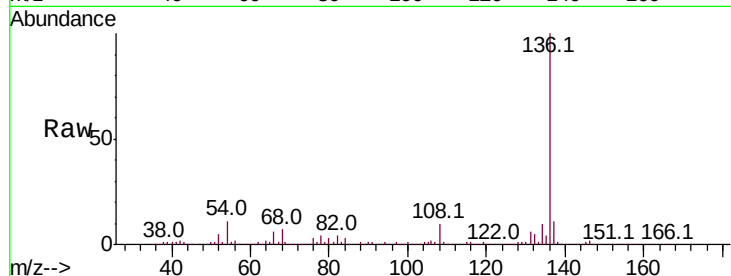
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.1 7.9 11.9

68 7.2 5.4 8.2

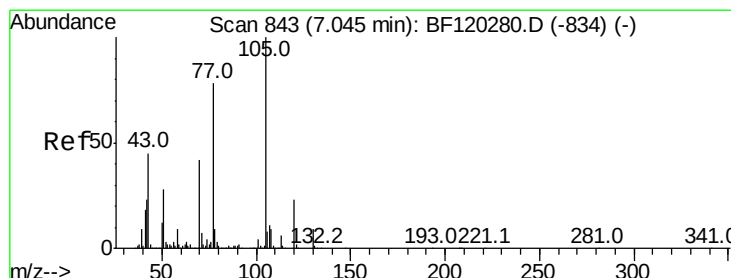
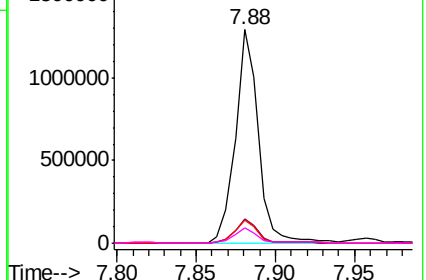
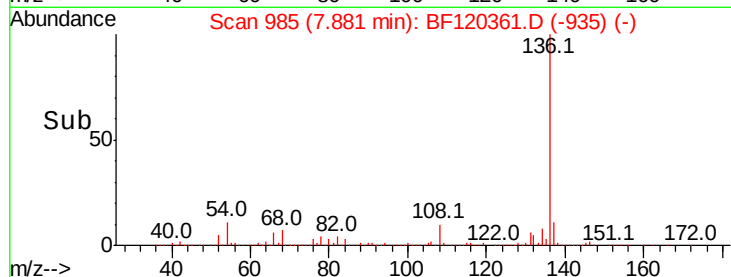


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 4.997 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Tgt Ion:105 Resp: 133582

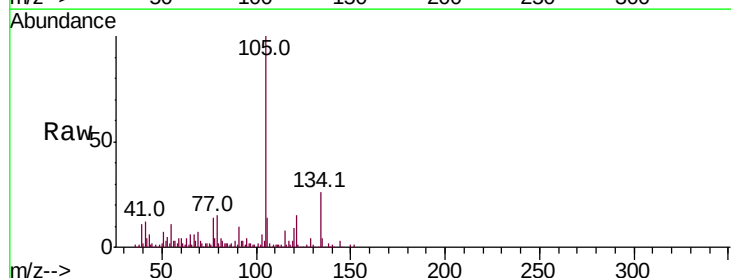
Ion Ratio Lower Upper

105 100

71 1.7 5.6 8.4#

51 7.1 22.6 34.0#

120 9.4 18.7 28.1#

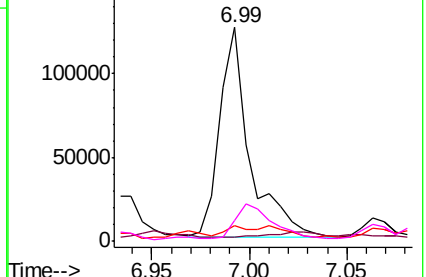
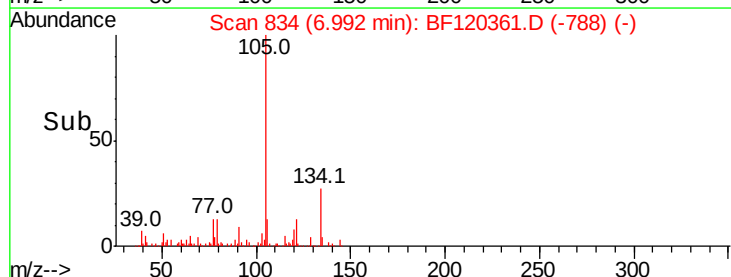


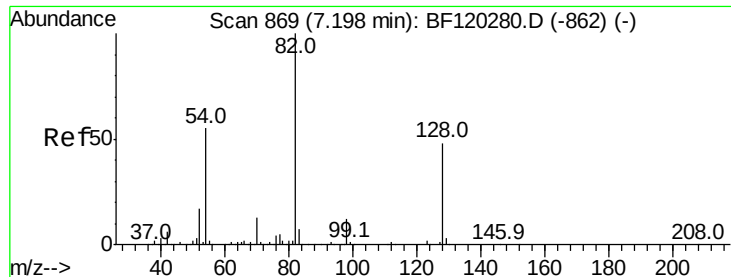
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.281 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

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ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

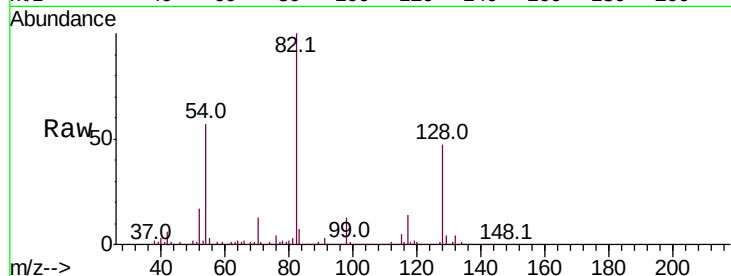
Tot Ion: 82 Resp: 1491907

Ion Ratio Lower Upper

82 100

128 46.7 38.3 57.5

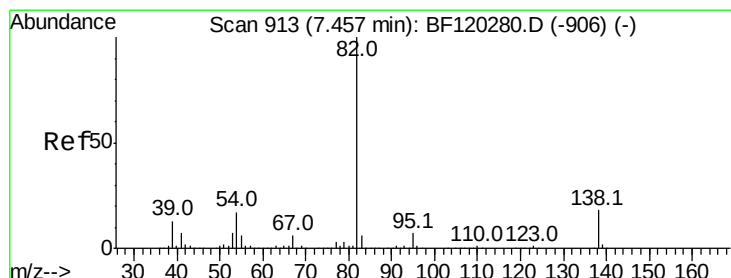
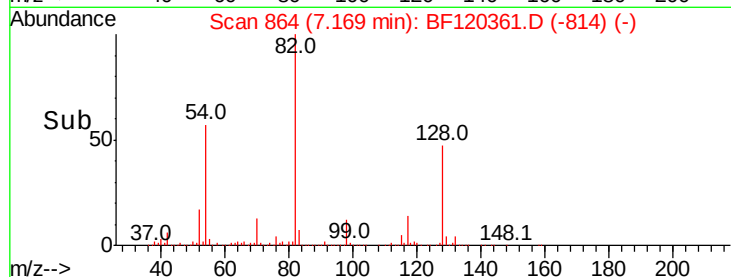
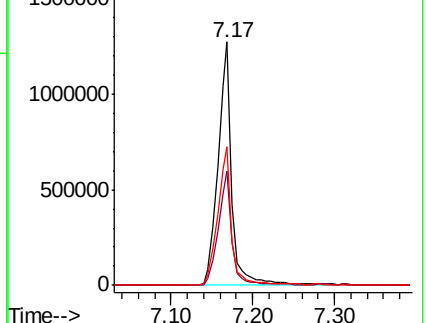
54 56.9 43.9 65.9



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



#25

Isophorone

Concen: 36.637 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.26 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

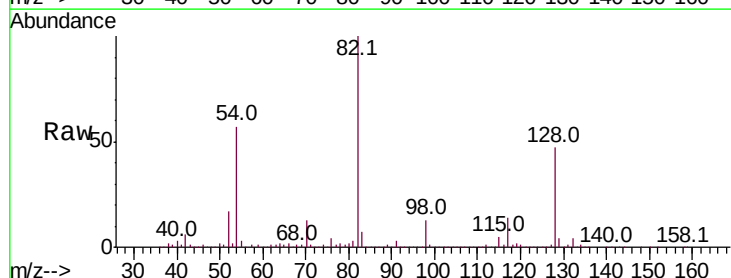
Tgt Ion: 82 Resp: 1452809

Ion Ratio Lower Upper

82 100

95 0.3 5.4 8.0#

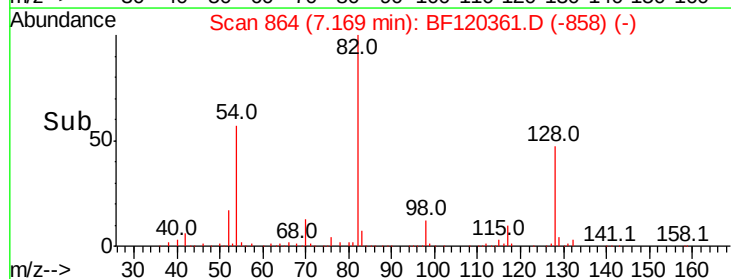
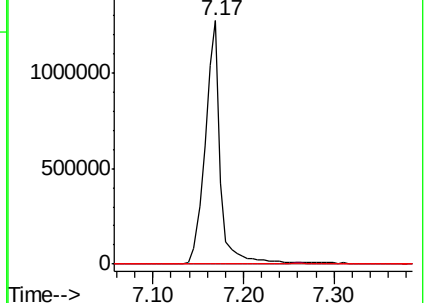
138 0.0 14.7 22.1#

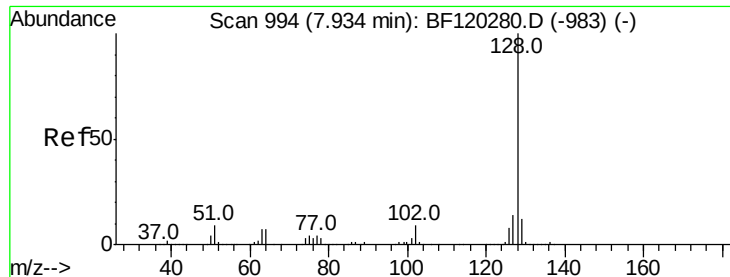


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

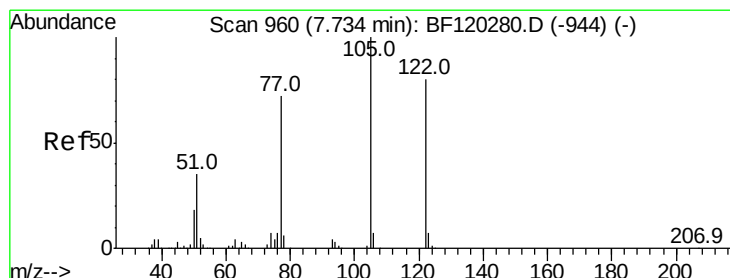
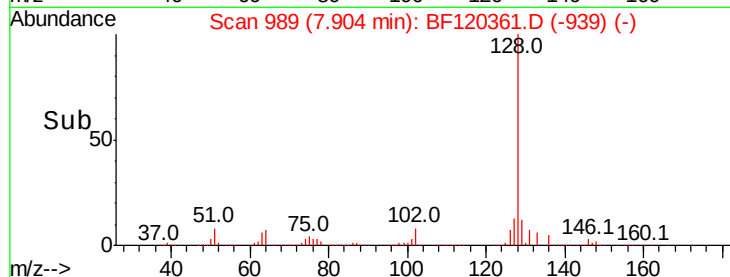
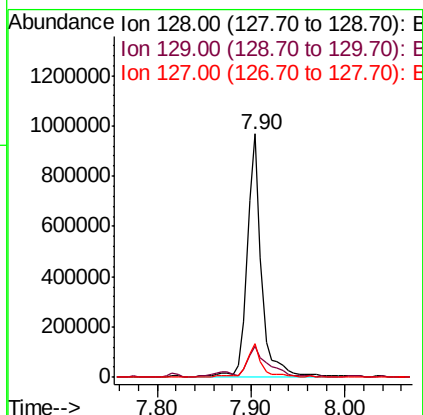
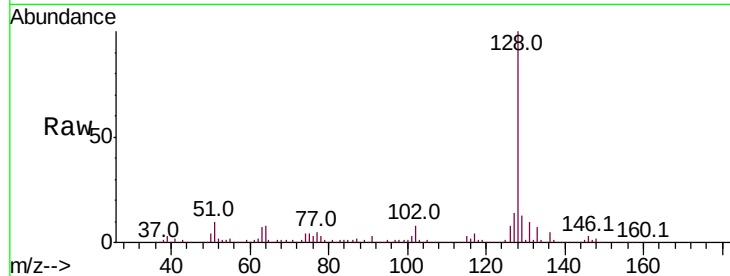




#31
Naphthalene
Concen: 18.529 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

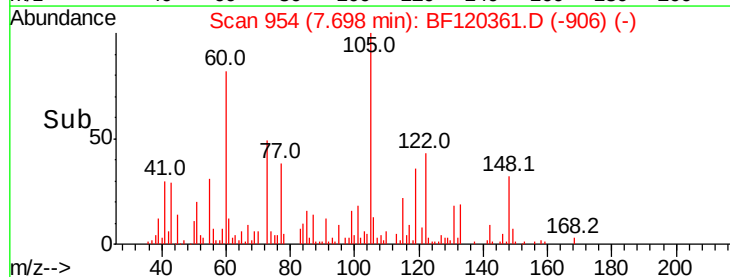
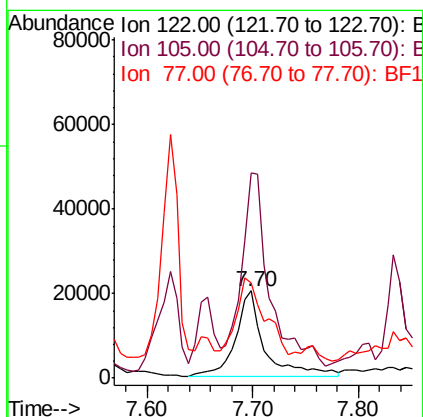
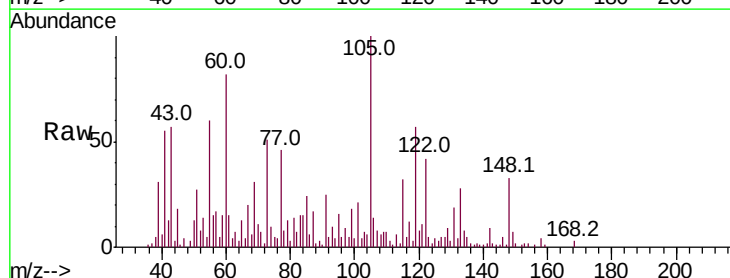
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AMENDED-COMP-SPLP-LEACHATE

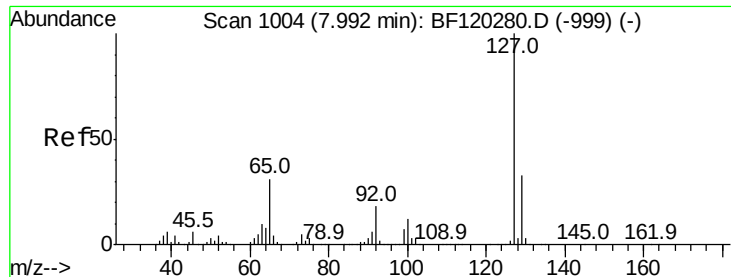
Tot Ion:128 Resp: 1020433
Ion Ratio Lower Upper
128 100
129 12.9 9.3 13.9
127 13.7 11.2 16.8



#32
Benzoic acid
Concen: 3.618 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Tgt Ion:122 Resp: 37003
Ion Ratio Lower Upper
122 100
105 236.3 98.1 138.1#
77 109.7 66.7 106.7#

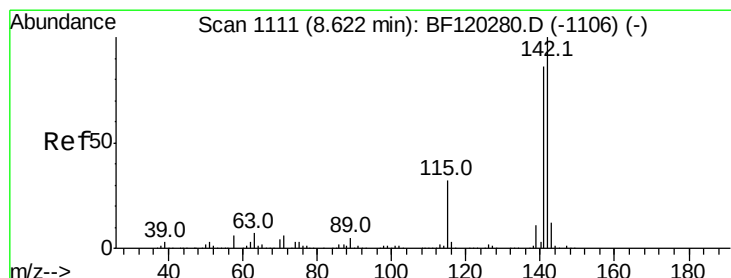
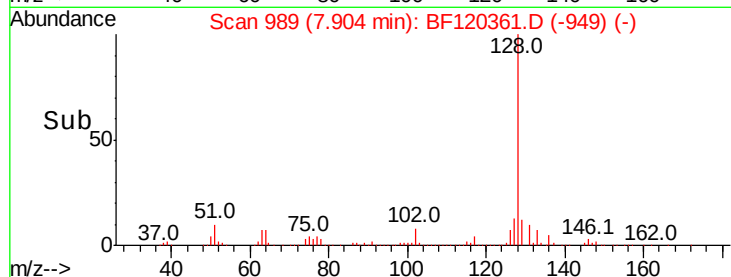
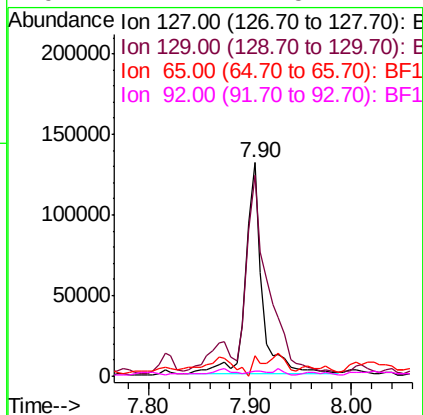
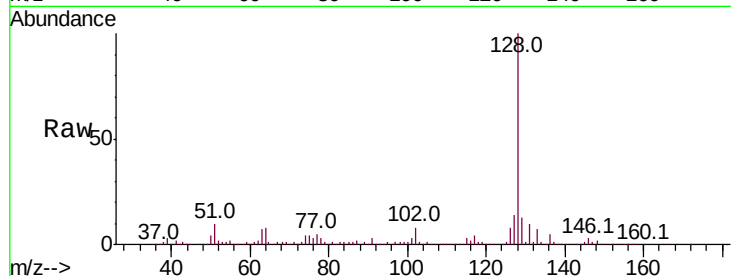




#33
 4-Chloroaniline
 Concen: 6.013 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.06 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

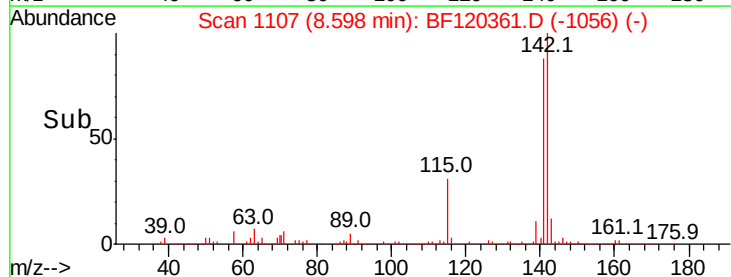
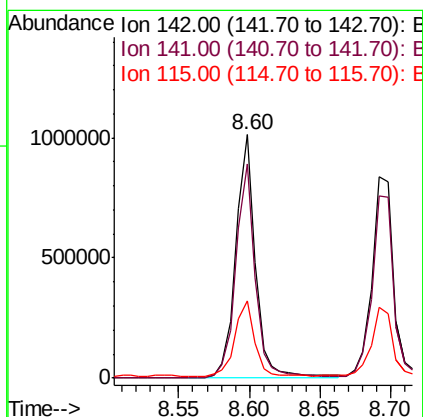
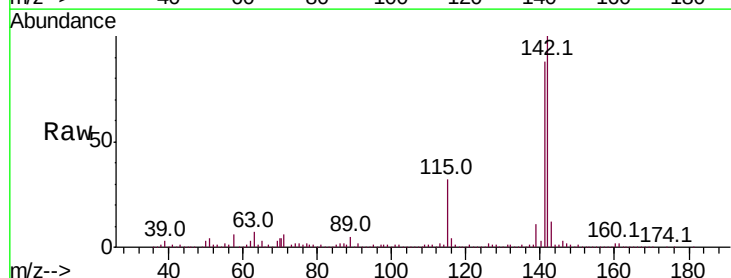
Instrument :
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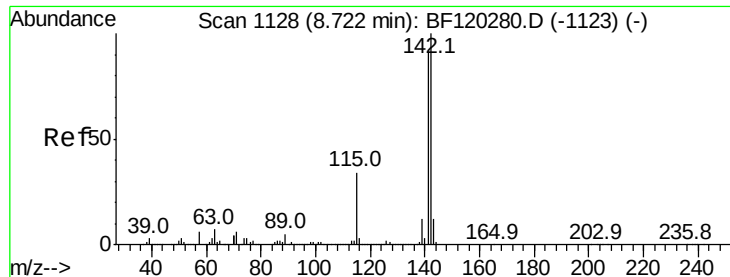
Tot Ion:127	Resp:	150918
Ion Ratio	Lower	Upper
127	100	
129	94.0	26.4 39.6#
65	9.6	24.8 37.2#
92	2.4	14.5 21.7#



#37
 2-Methylnaphthalene
 Concen: 26.010 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

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

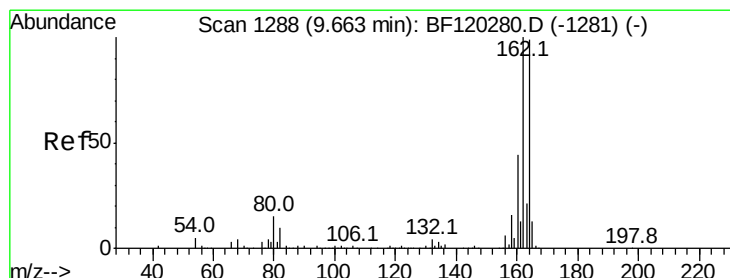
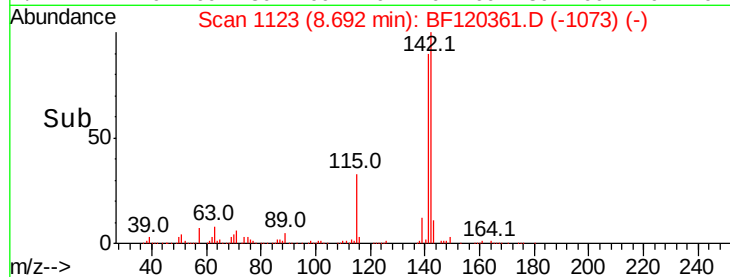
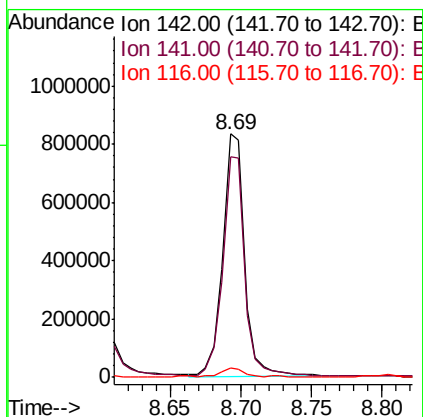
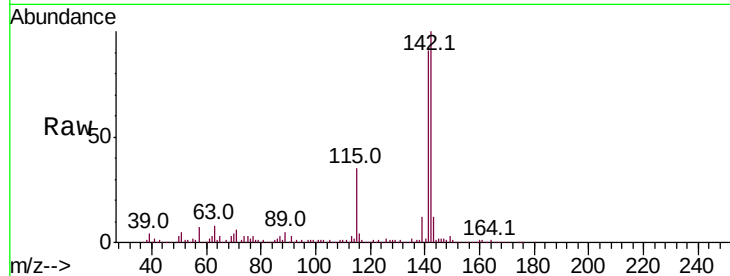




#38
1-Methylnaphthalene
Concen: 24.511 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

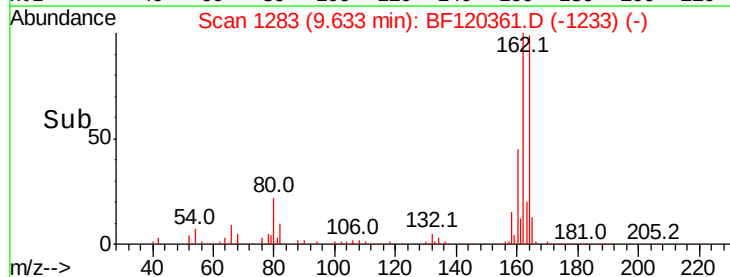
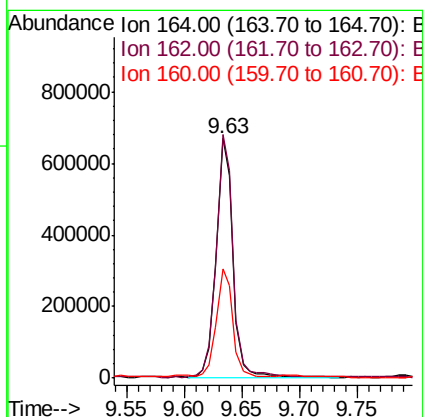
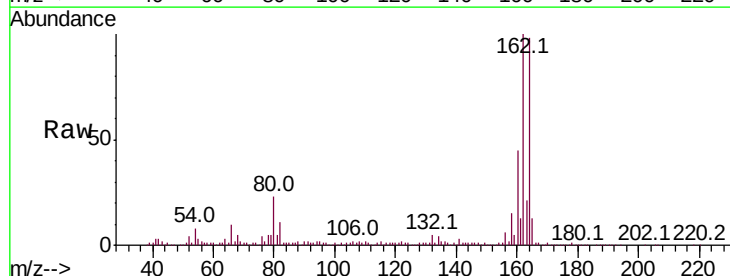
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

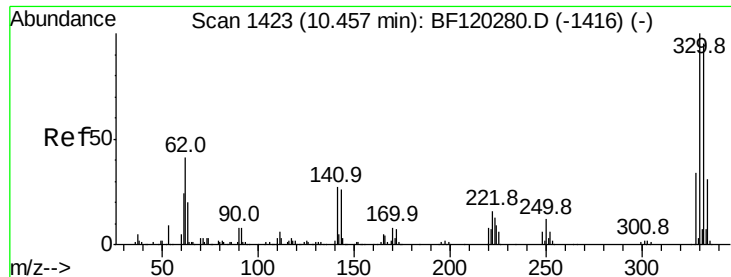
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
116	4.1	2.7	4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.2	121.8
160	45.4	35.8	53.6

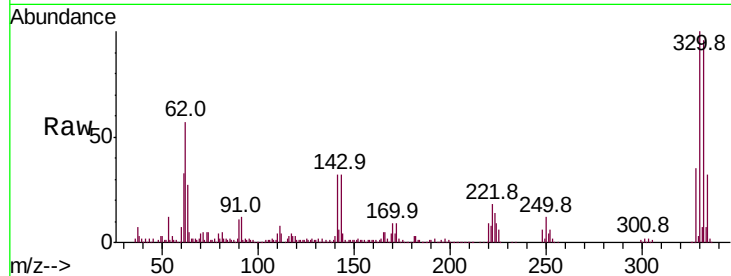




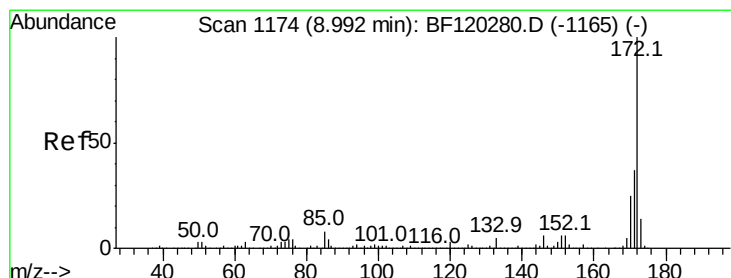
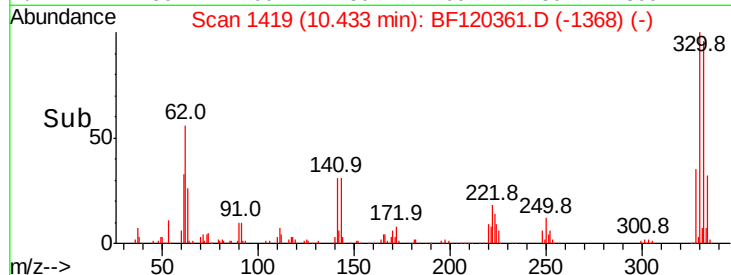
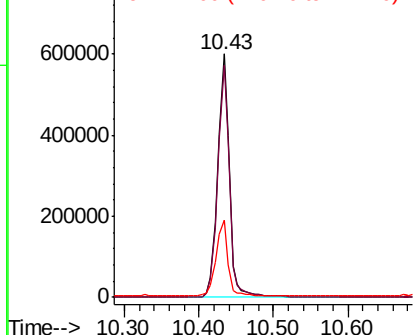
#42
 2,4,6-Tribromophenol
 Concen: 119.954 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

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

Tot Ion:330 Resp: 656375
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.5 114.7
 141 30.9 25.4 38.0

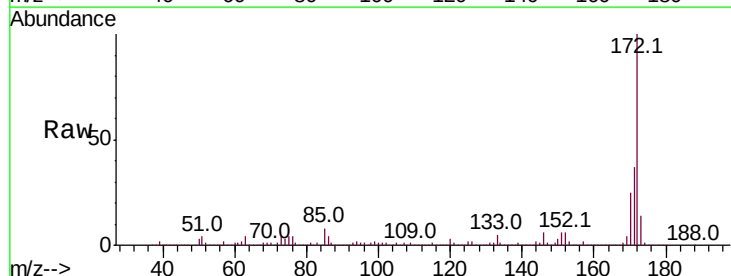


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

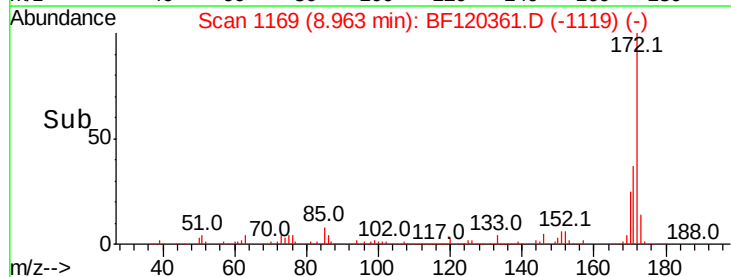
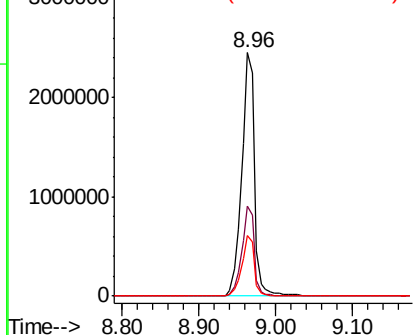


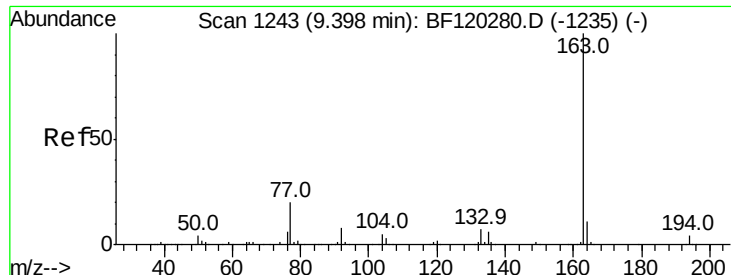
#45
 2-Fluorobiphenyl
 Concen: 87.781 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

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

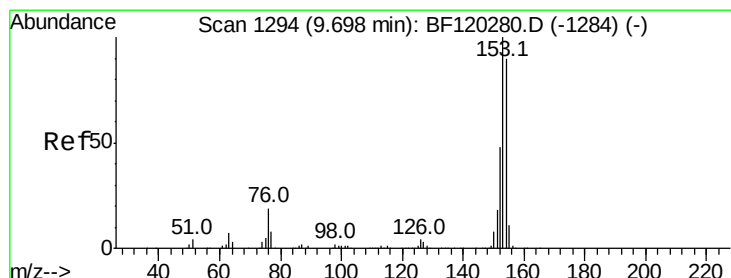
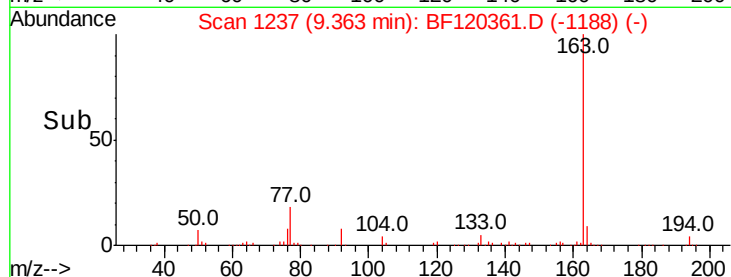
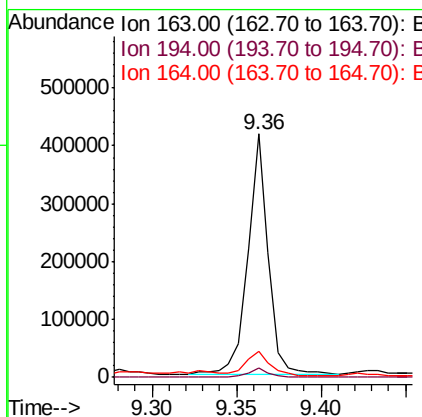
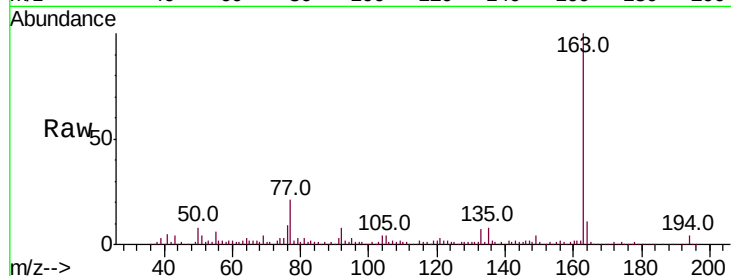




#50
Dimethylphthalate
Concen: 8.338 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

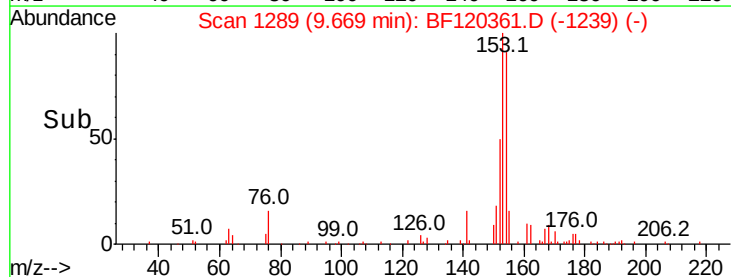
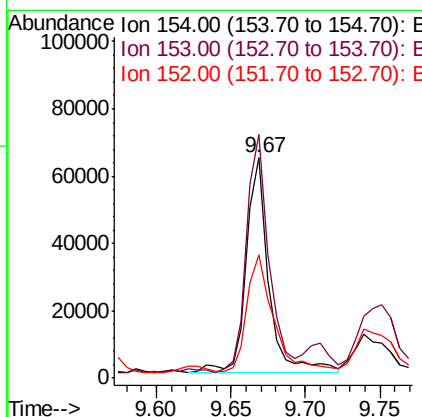
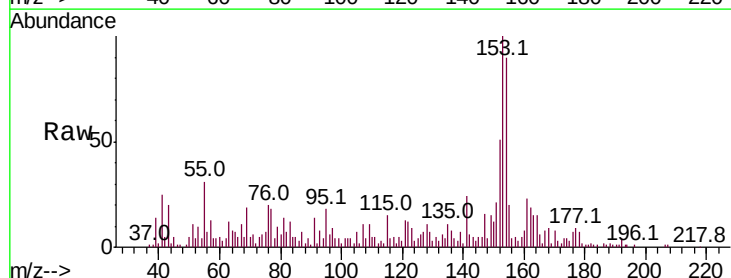
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

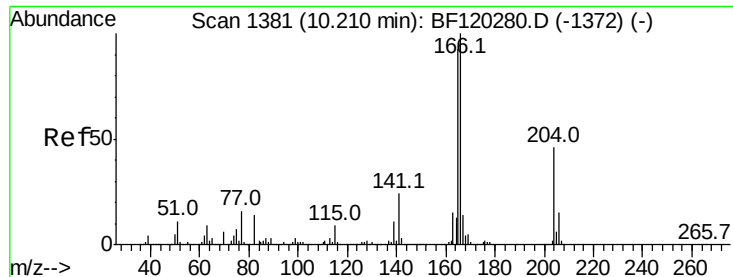
Tot Ion:163 Resp: 353731
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.7 8.6 12.8



#52
Acenaphthene
Concen: 2.062 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF120361.D
Acq: 19 May 2020 14:01

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

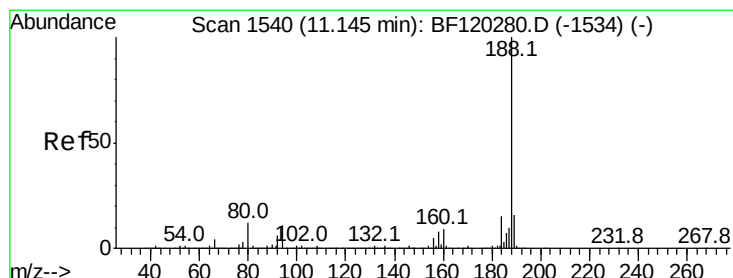
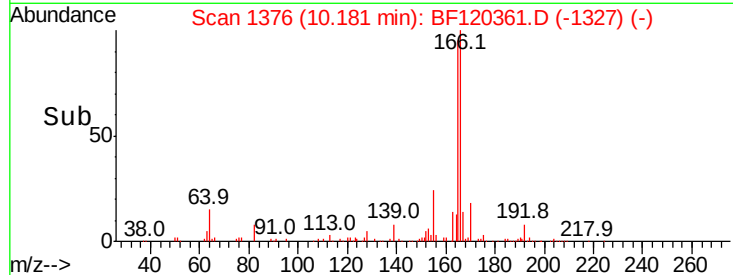
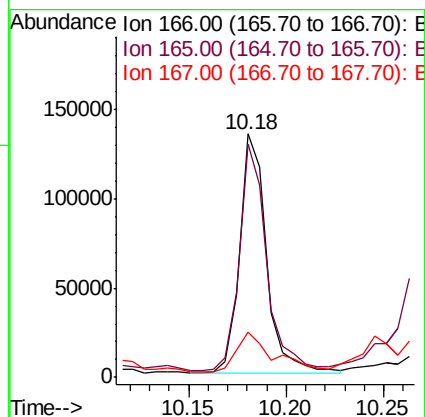
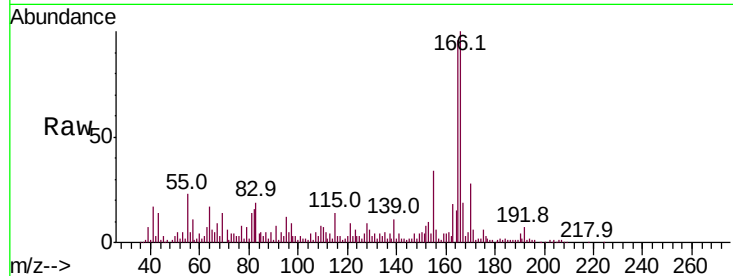




#58
 Fluorene
 Concen: 3.618 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

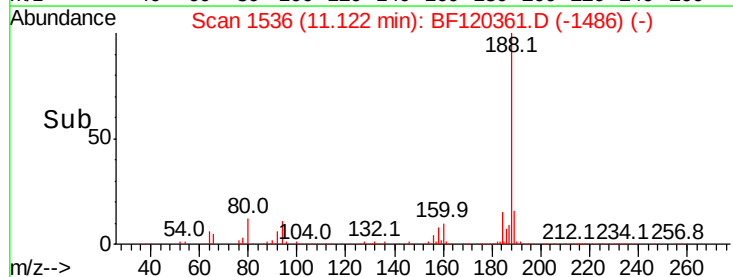
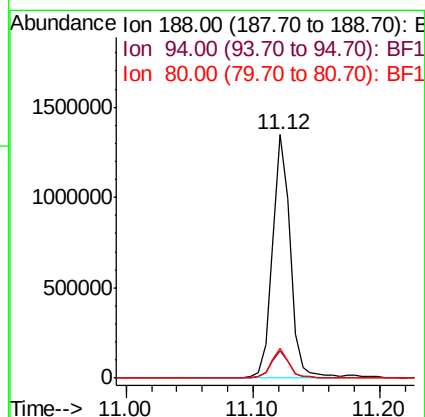
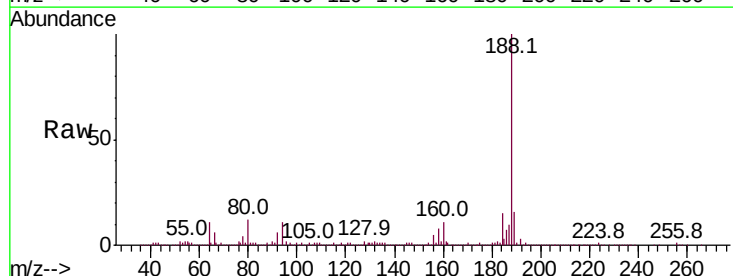
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

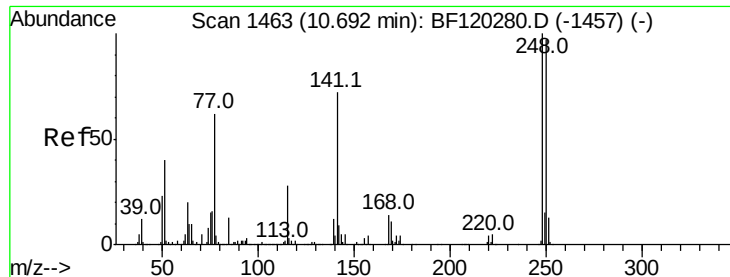
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.0	74.7	112.1
167	18.6	11.4	17.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

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

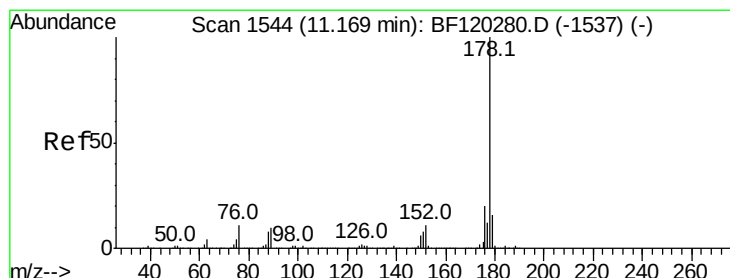
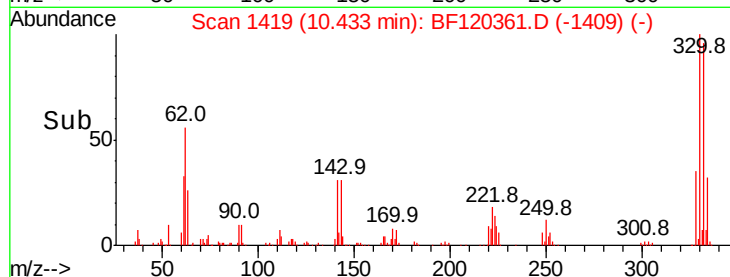
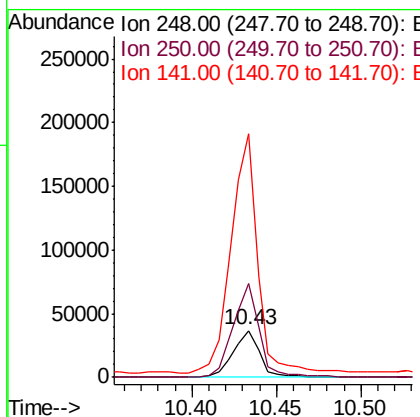
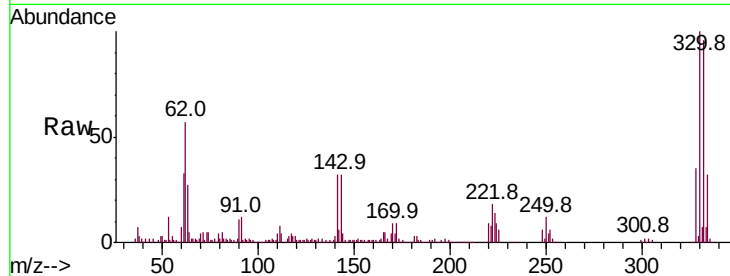




#67
 4-Bromophenyl-phenylether
 Concen: 3.178 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.24 min
 Lab File: BF120361.D
 Acq: 19 May 2020 14:01

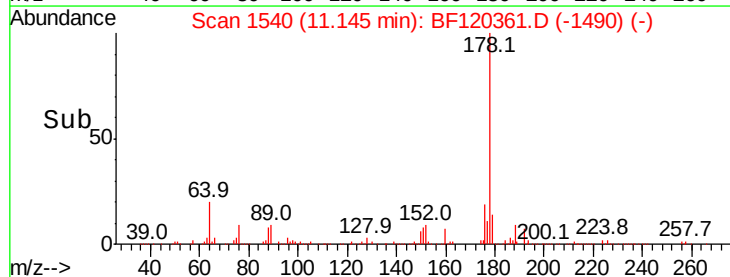
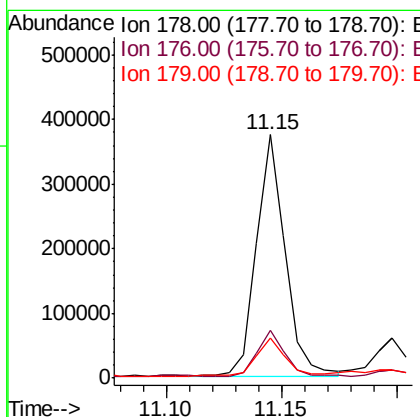
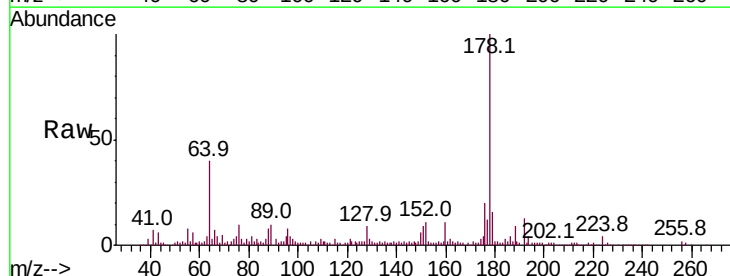
Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

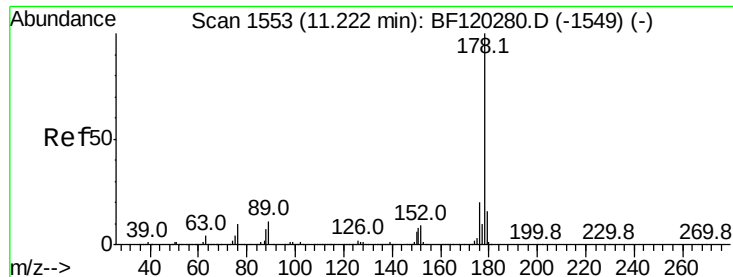
Tot Ion:248 Resp: 40120
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.8 116.6#
 141 517.8 57.7 86.5#



#71
 Phenanthrene
 Concen: 5.953 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





#72

Anthracene

Concen: 5.561 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.06 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

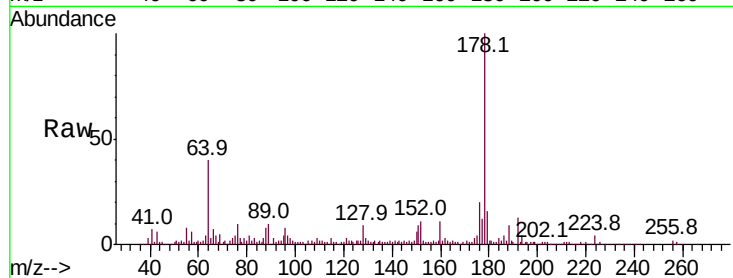
Tot Ion:178 Resp: 325447

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

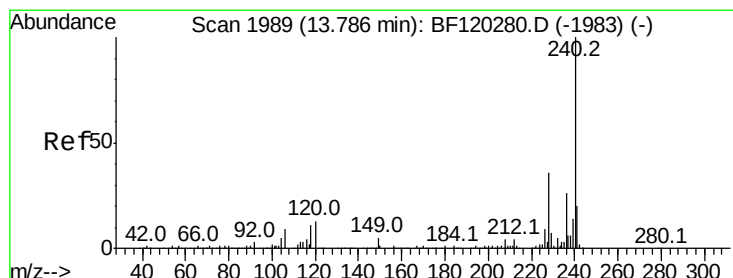
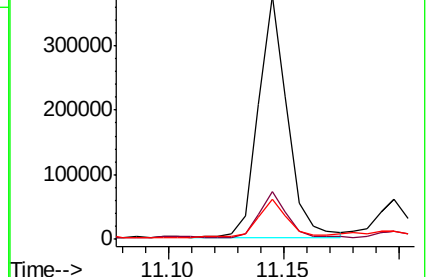
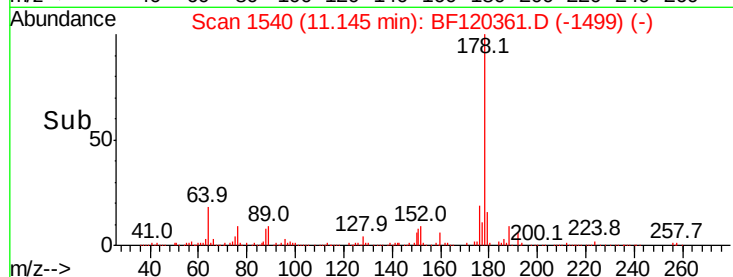
179 16.3 13.0 19.6



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: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

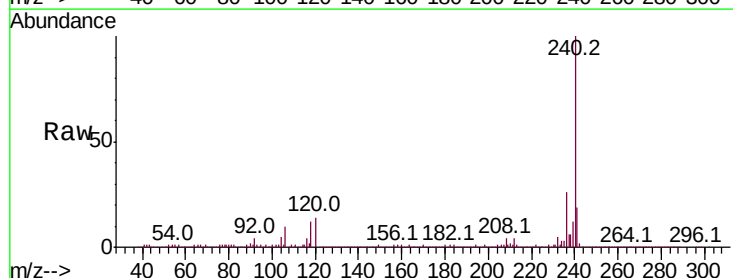
Tgt Ion:240 Resp: 728822

Ion Ratio Lower Upper

240 100

120 14.0 10.4 15.6

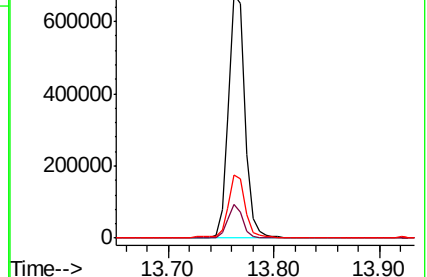
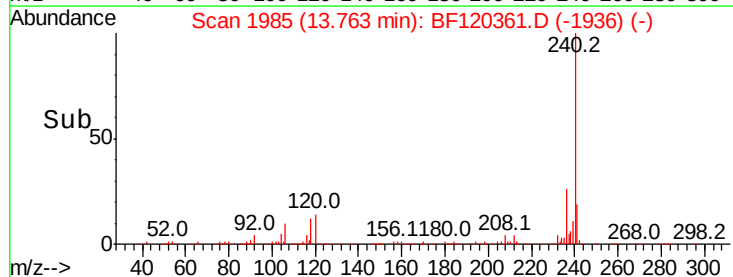
236 26.2 21.0 31.6

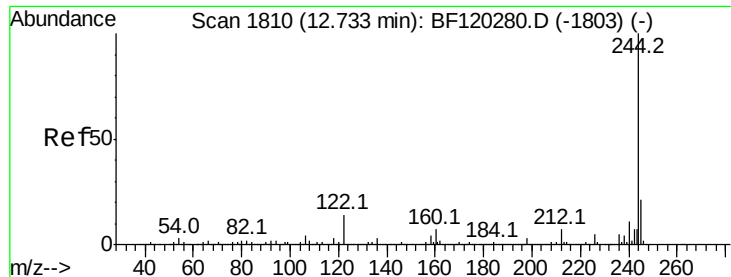


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.328 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

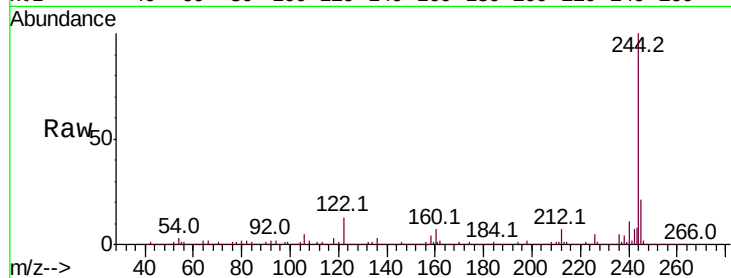
Tot Ion:244 Resp: 2518064

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

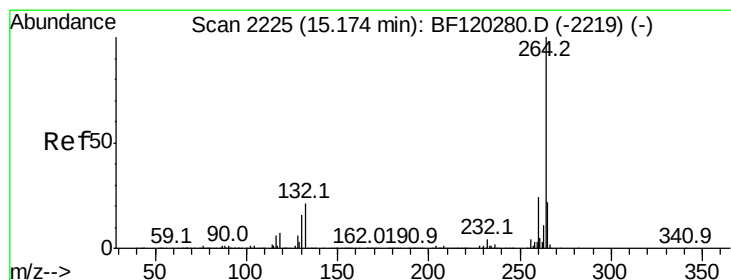
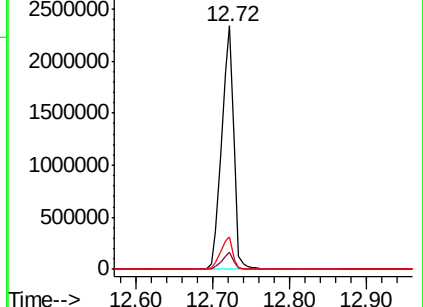
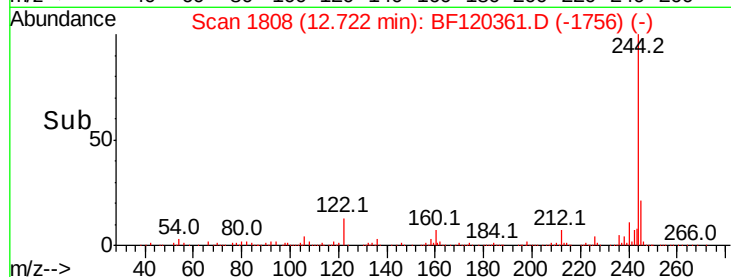
122 13.4 10.8 16.2



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: 20.000 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF120361.D

Acq: 19 May 2020 14:01

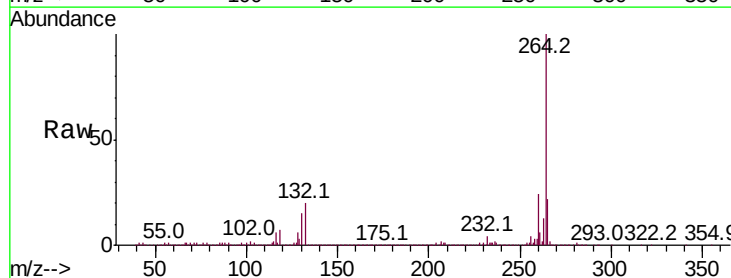
Tgt Ion:264 Resp: 606744

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.1 17.5 26.3



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

