

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120407.D
 Acq On : 28 May 2020 14:46
 Operator : MA/SJ
 Sample : L2771-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOX-HILL-RD-2

Quant Time: May 28 15:28:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

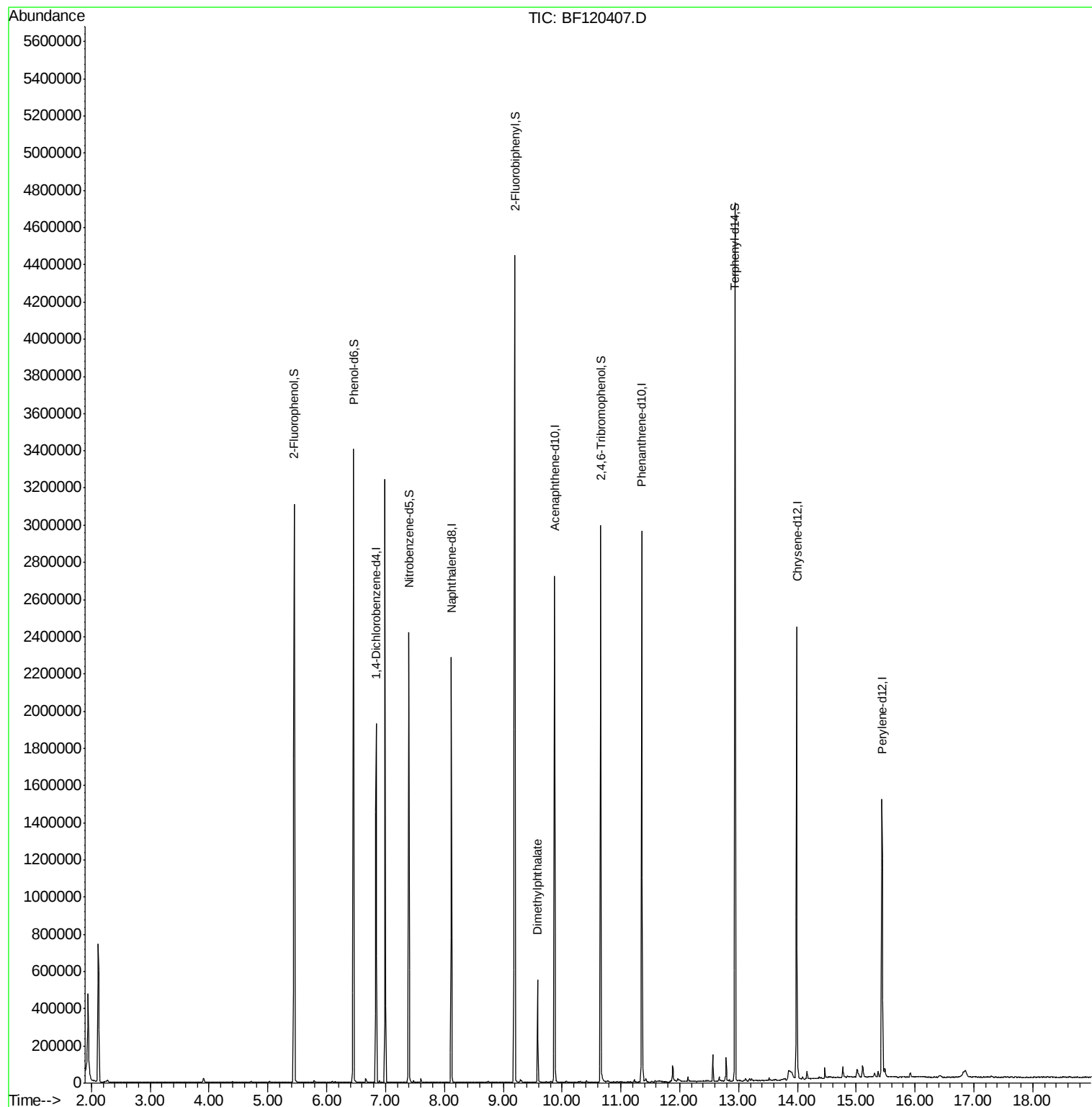
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	276644	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1055984	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	543680	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1049637	20.00	ng	0.00
76) Chrysene-d12	13.99	240	820411	20.00	ng	0.00
86) Perylene-d12	15.44	264	686911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	931036	64.14	ng	0.00
7) Phenol-d6	6.46	99	1187052	66.34	ng	-0.01
23) Nitrobenzene-d5	7.40	82	752872	46.64	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	347709	69.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1509426	47.11	ng	0.00
79) Terphenyl-d14	12.94	244	1744302	47.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	194395	5.72	ng	Qvalue 98

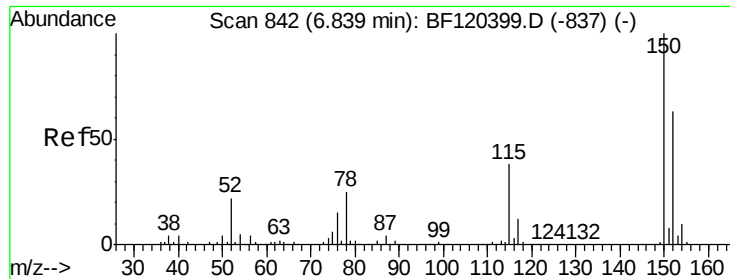
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

Instrument :

BNA_F

ClientSampleId :

FOX-HILL-RD-2

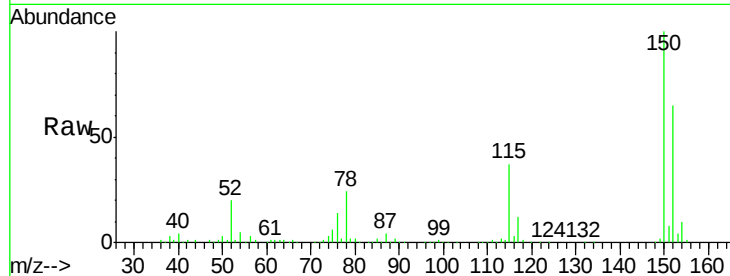
Tgt Ion:152 Resp: 276644

Ion Ratio Lower Upper

152 100

150 153.3 126.5 189.7

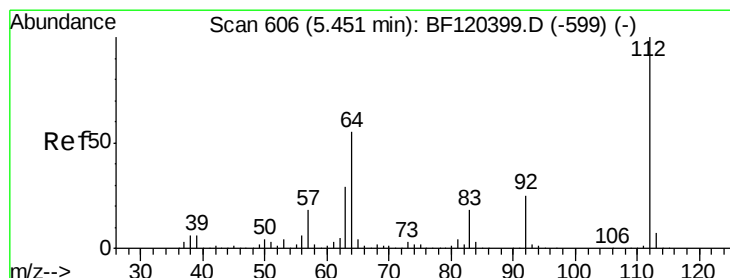
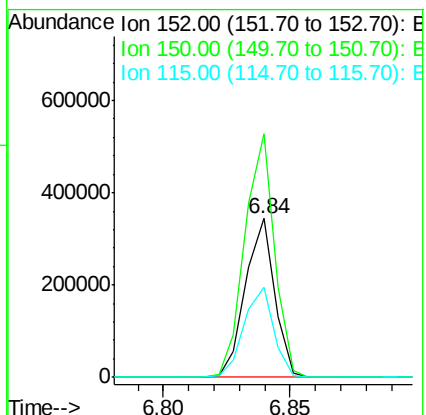
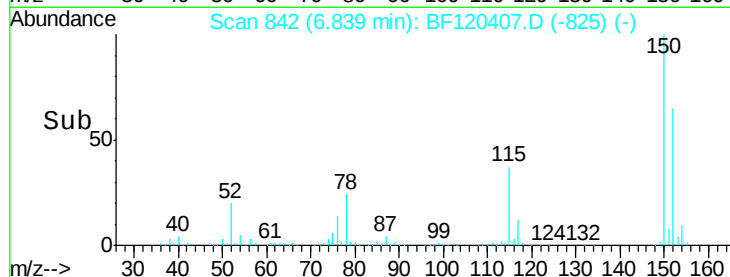
115 56.8 47.6 71.4



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: 64.14 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

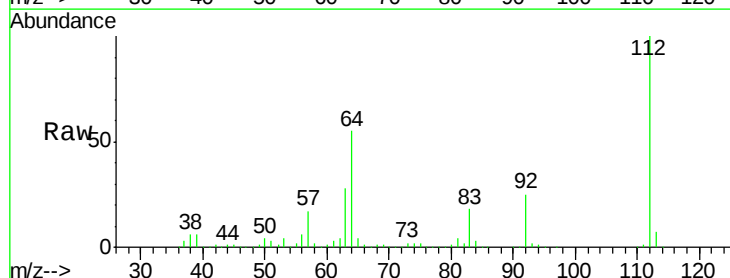
Tgt Ion:112 Resp: 931036

Ion Ratio Lower Upper

112 100

64 54.7 44.3 66.5

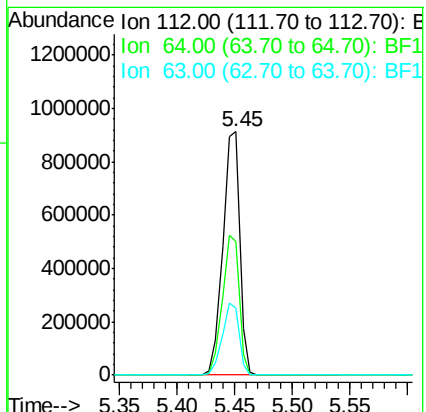
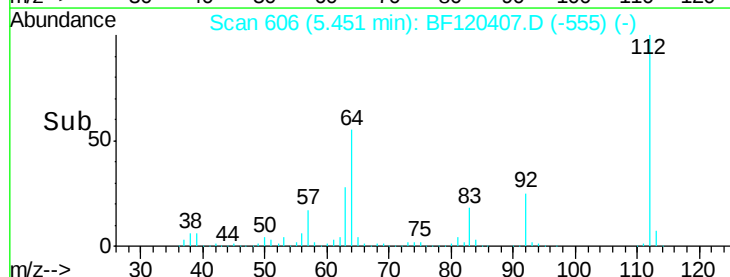
63 27.7 22.9 34.3



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: 66.34 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

Instrument :

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ClientSampleId :

FOX-HILL-RD-2

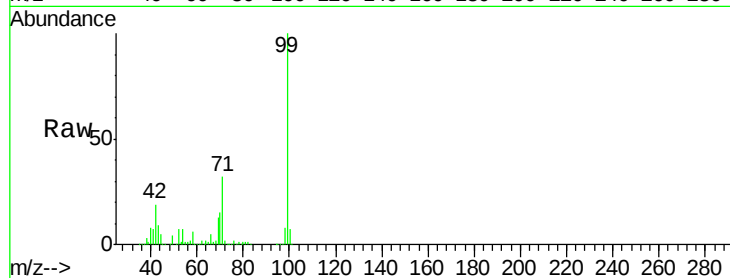
Tgt Ion: 99 Resp: 1187052

Ion Ratio Lower Upper

99 100

42 19.0 15.2 22.8

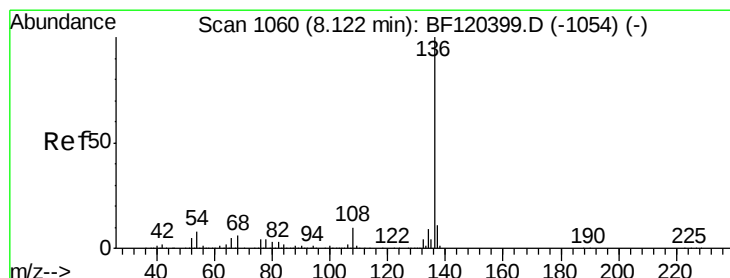
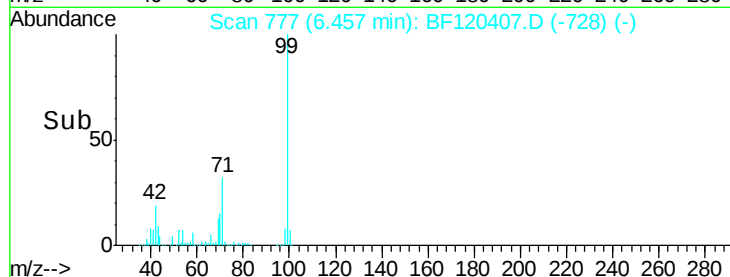
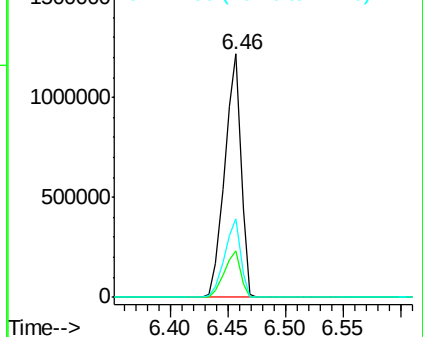
71 32.1 25.6 38.4



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: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

Tgt Ion: 136 Resp: 1055984

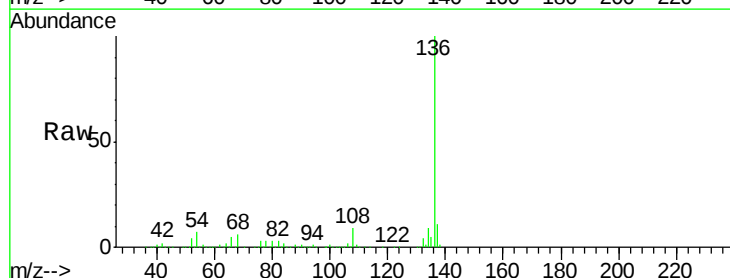
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.3 6.7 10.1

68 5.7 5.0 7.4

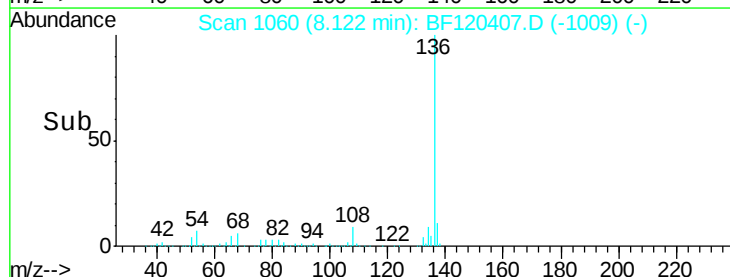
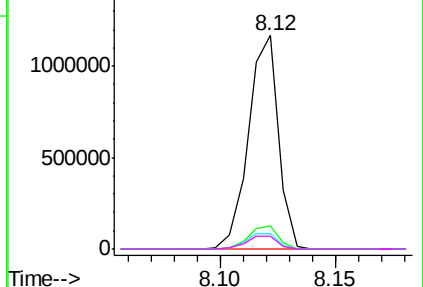


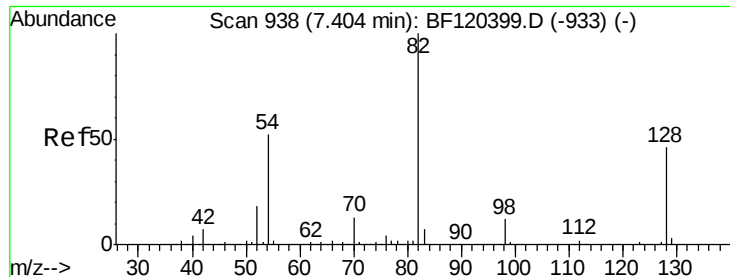
Abundance Ion 136.00 (135.70 to 136.70): E

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

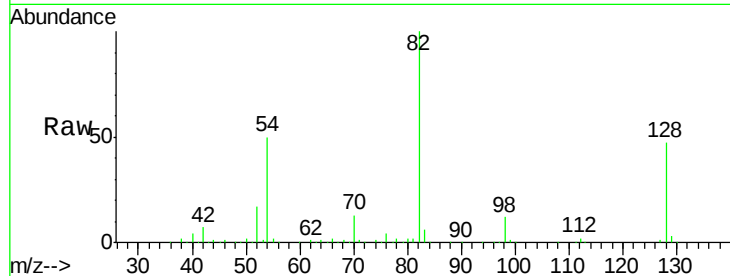




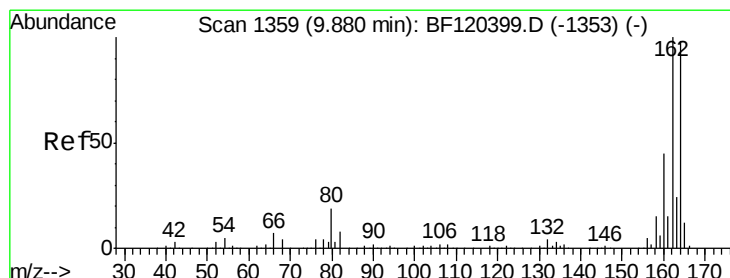
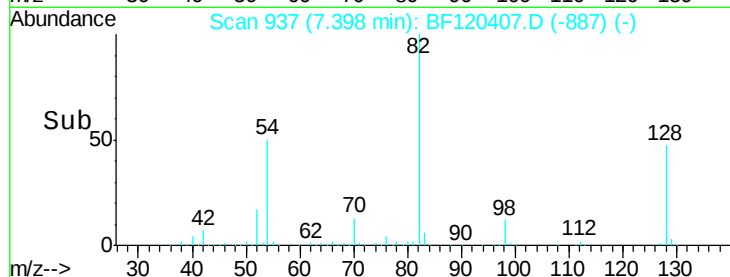
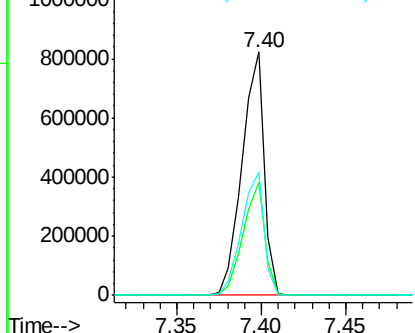
#23
 Nitrobenzene-d5
 Concen: 46.64 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120407.D
 Acq: 28 May 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 FOX-HILL-RD-2

Tgt Ion: 82 Resp: 752872
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.8 55.2
 54 50.4 41.6 62.4

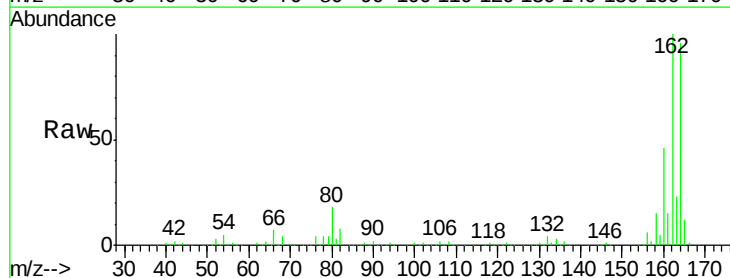


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

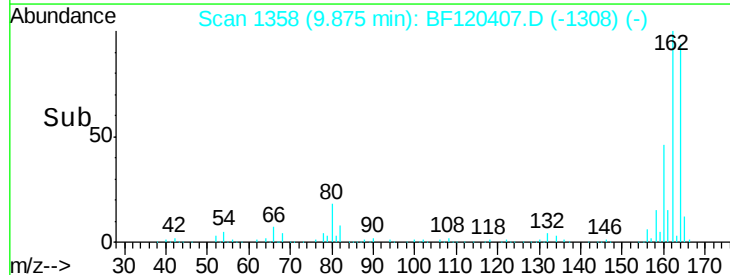
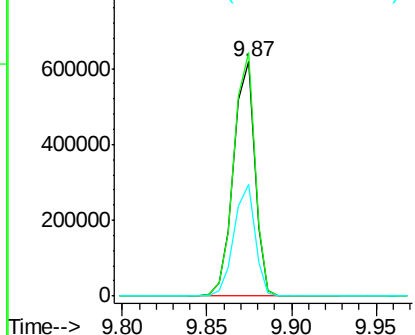


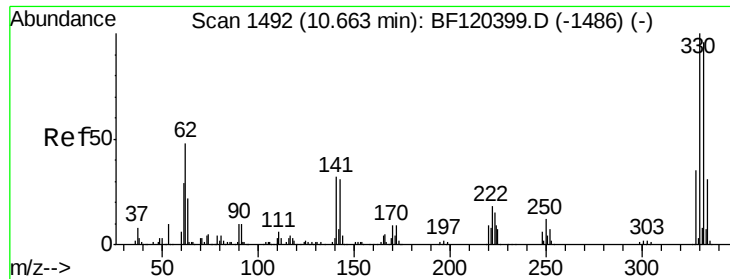
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120407.D
 Acq: 28 May 2020 14:46

Tgt Ion: 164 Resp: 543680
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.3 121.9
 160 47.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

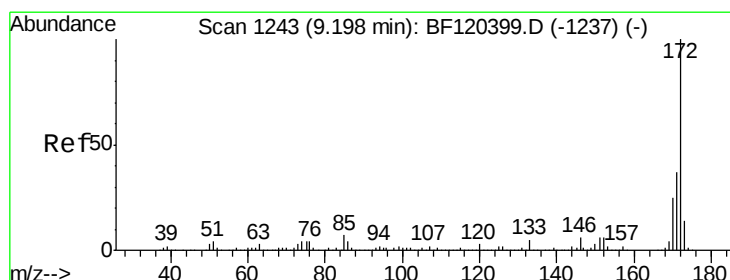
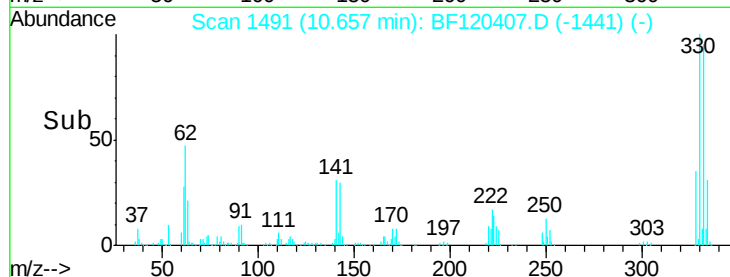
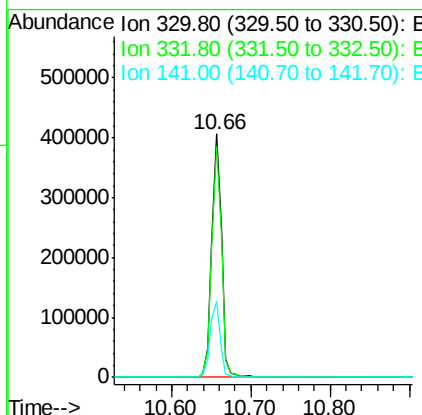
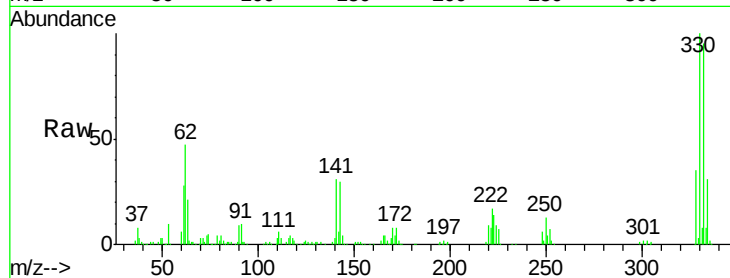




#42
 2,4,6-Tribromophenol
 Concen: 69.03 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120407.D
 Acq: 28 May 2020 14:46

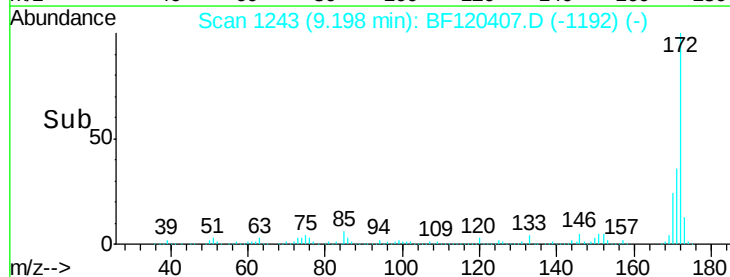
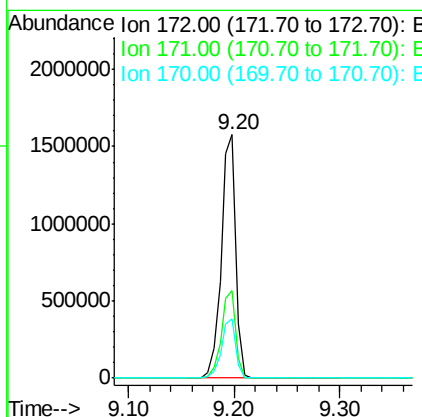
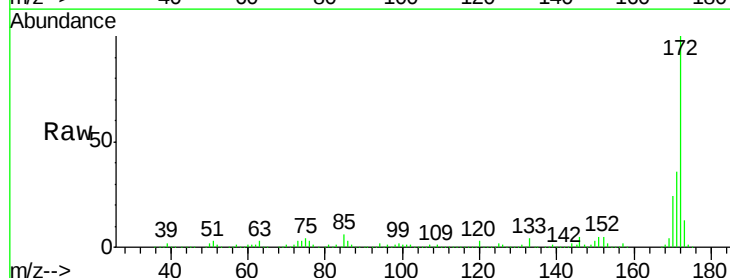
Instrument :
 BNA_F
 ClientSampleId :
 FOX-HILL-RD-2

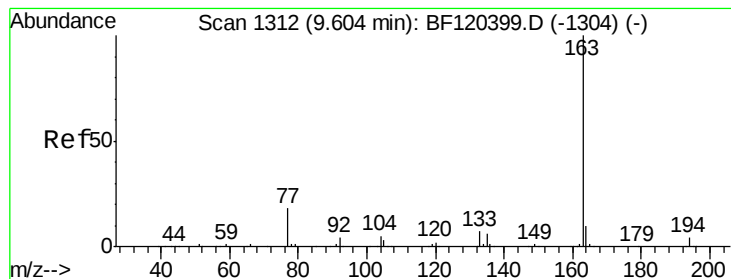
Tgt Ion:330 Resp: 347709
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 32.0 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 47.11 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120407.D
 Acq: 28 May 2020 14:46

Tgt Ion:172 Resp: 1509426
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 19.9 29.9





#50

Dimethylphthalate

Concen: 5.72 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

Instrument :

BNA_F

ClientSampleId :

FOX-HILL-RD-2

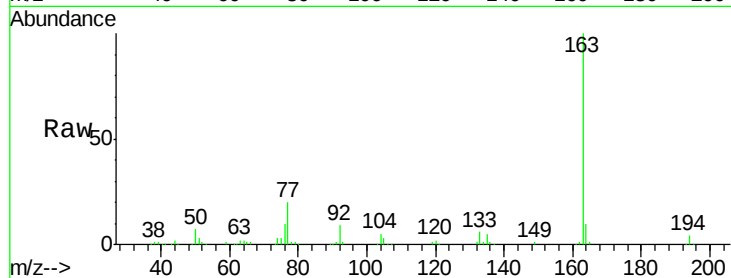
Tgt Ion:163 Resp: 194395

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

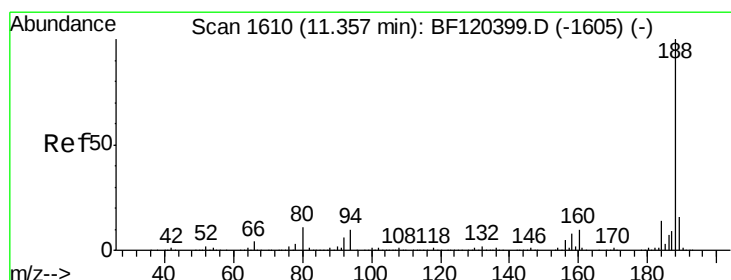
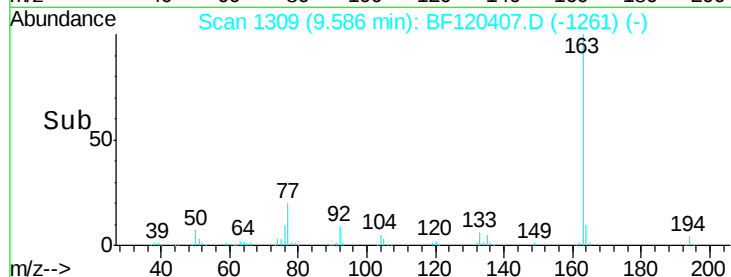
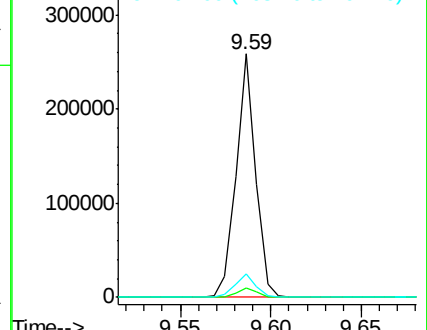
164 9.7 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

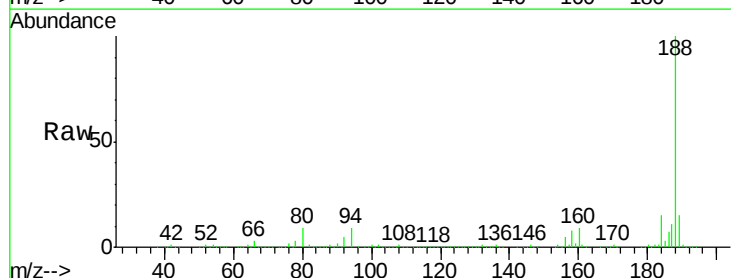
Tgt Ion:188 Resp: 1049637

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

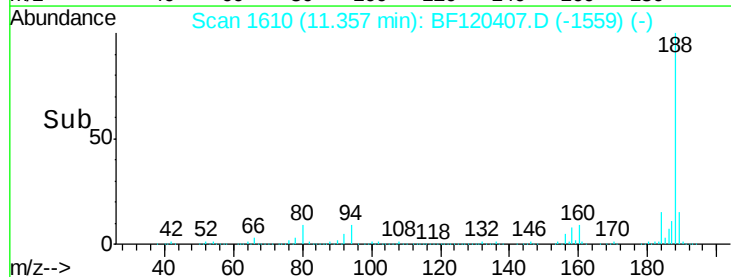
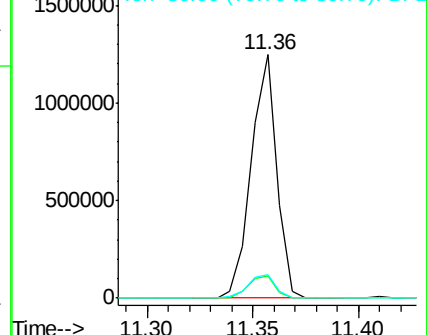
80 9.5 8.6 13.0

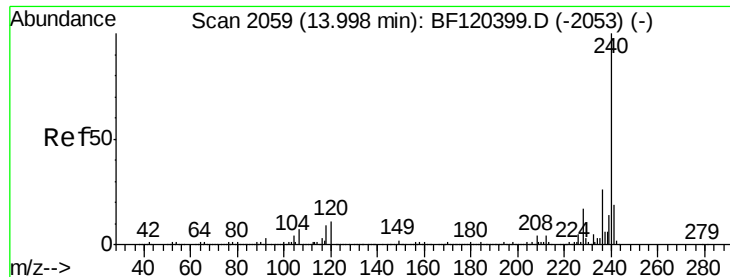


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

Instrument :

BNA_F

ClientSampleId :

FOX-HILL-RD-2

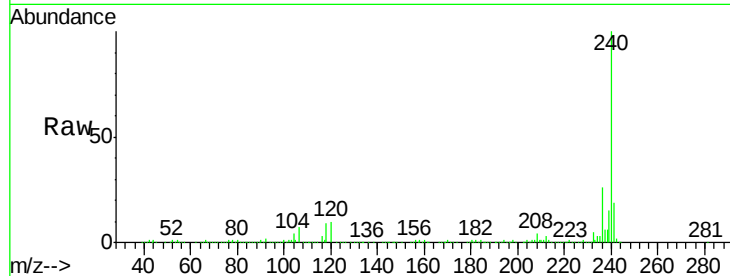
Tgt Ion:240 Resp: 820411

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

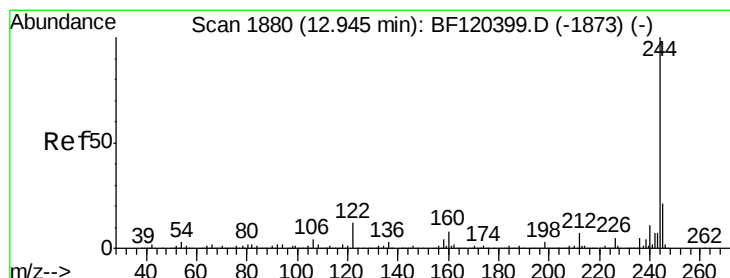
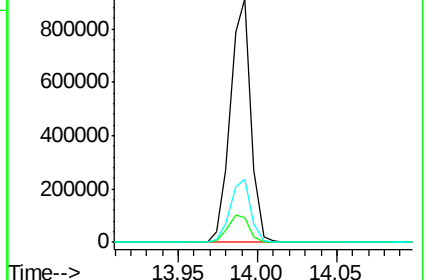
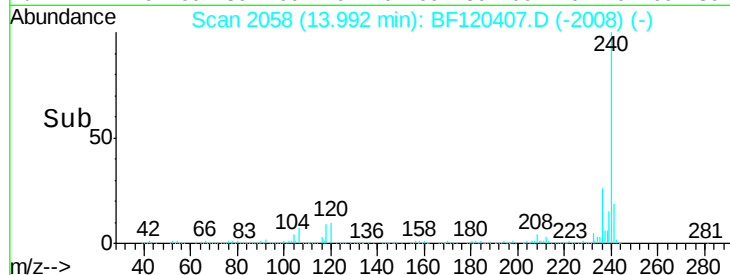
236 26.0 21.0 31.4



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: 47.31 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120407.D

Acq: 28 May 2020 14:46

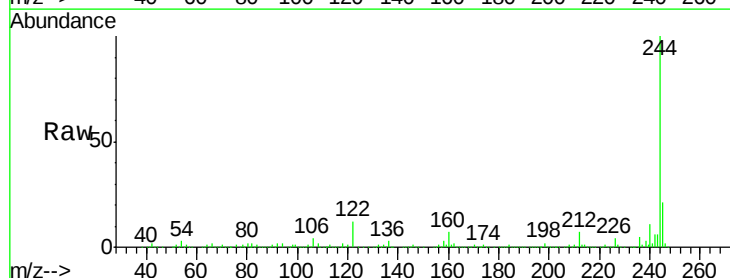
Tgt Ion:244 Resp: 1744302

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

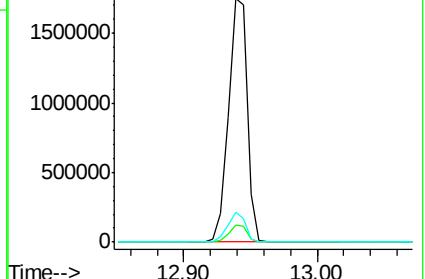
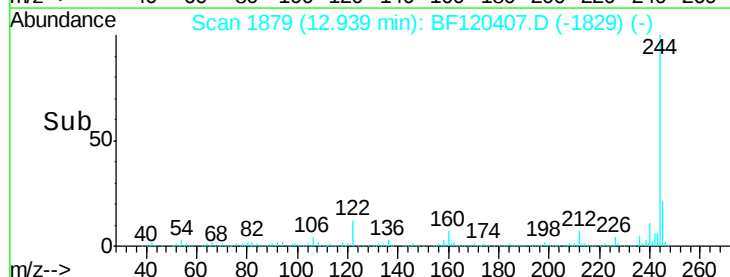
122 12.2 9.2 13.8

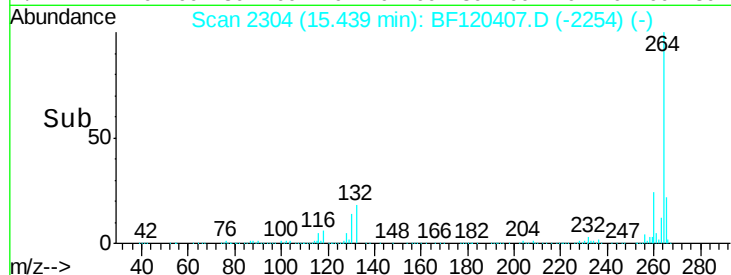
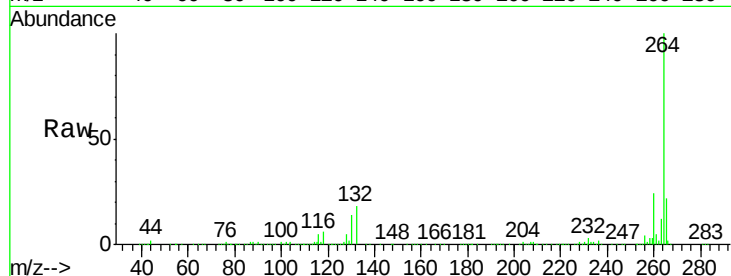
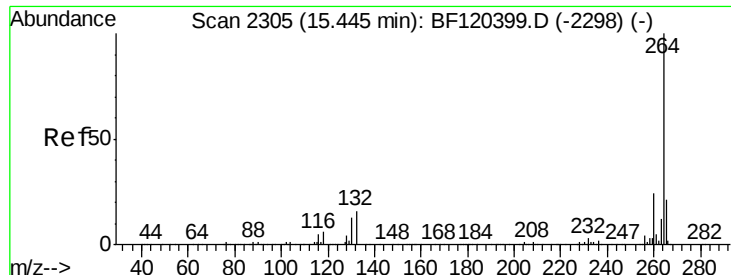


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF120407.D
Acq: 28 May 2020 14:46

Instrument :
BNA_F
ClientSampleId :
FOX-HILL-RD-2

Tgt Ion:	264	Resp:	686911
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	16.9	25.3

