

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118062.D
 Acq On : 3 Dec 2019 15:05
 Operator : JU
 Sample : PB125174TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125174TB

Quant Time: Dec 03 15:37:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	142794	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	564220	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	296329	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	563308	20.00	ng	0.00
76) Chrysene-d12	14.07	240	394062	20.00	ng	0.00
87) Perylene-d12	15.56	264	370271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1075198	133.28	ng	0.02
7) Phenol-d6	6.51	99	1333966	137.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	837574	88.25	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	474313	151.19	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1627410	98.53	ng	0.00
79) Terphenyl-d14	13.02	244	2032167	94.25	ng	0.00

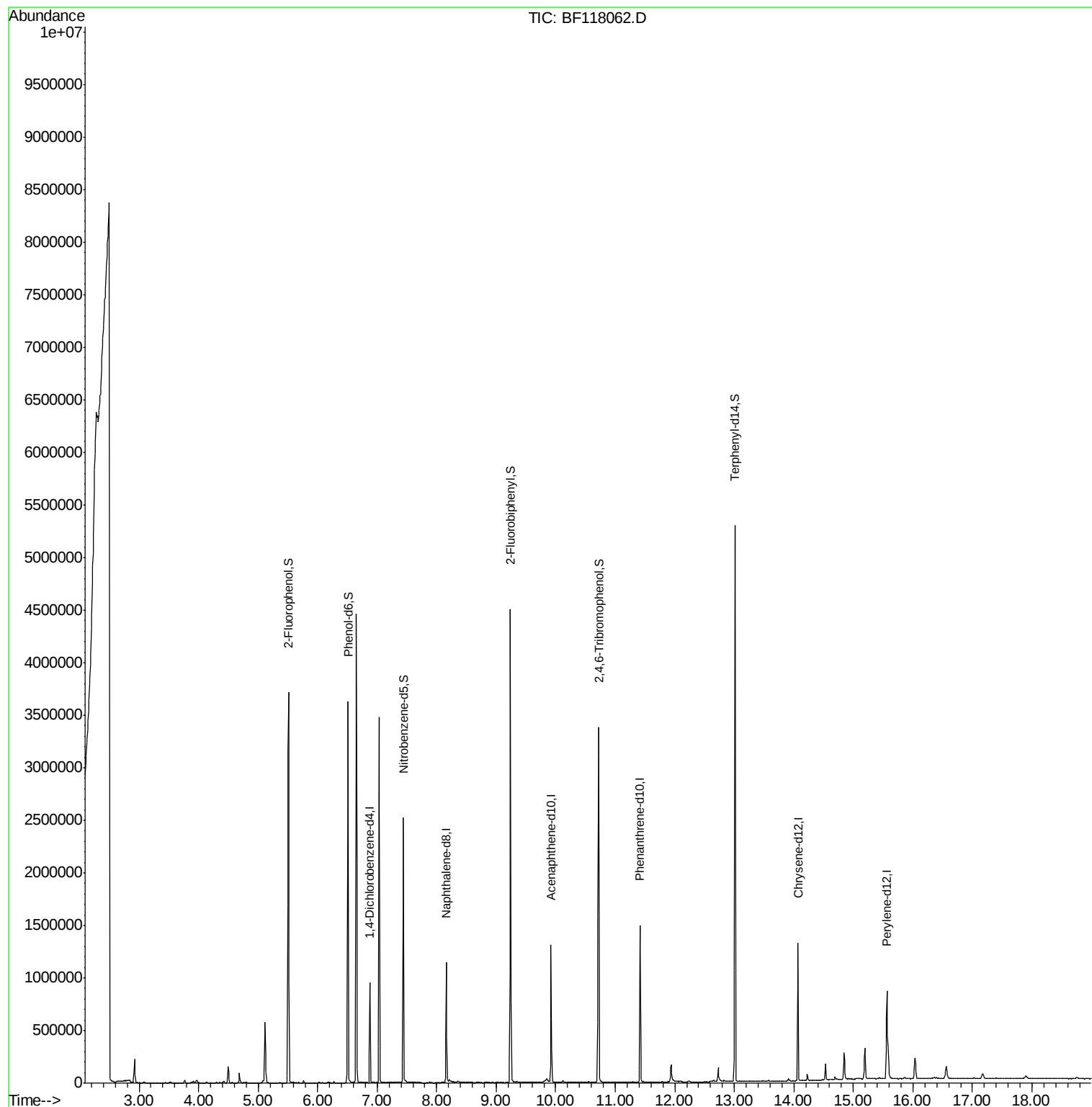
Target Compounds Qvalue

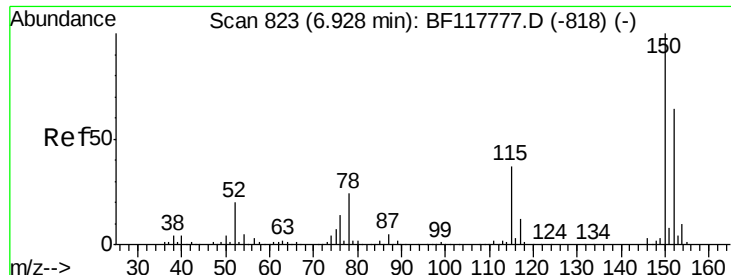
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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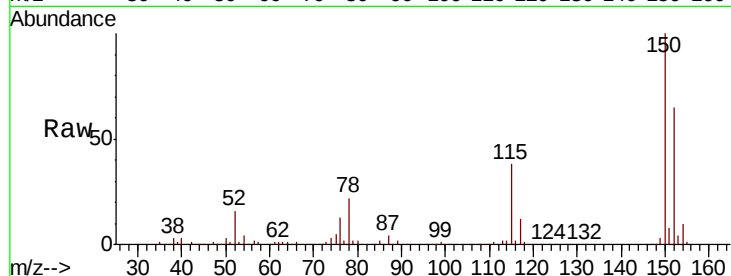


#1

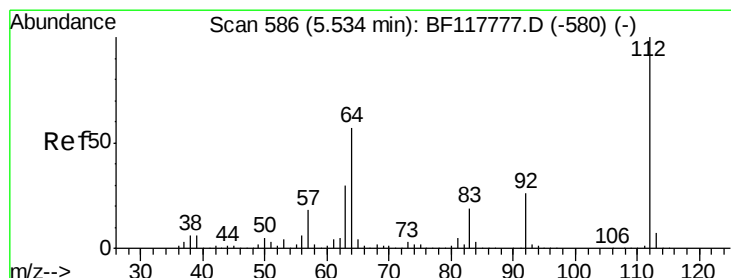
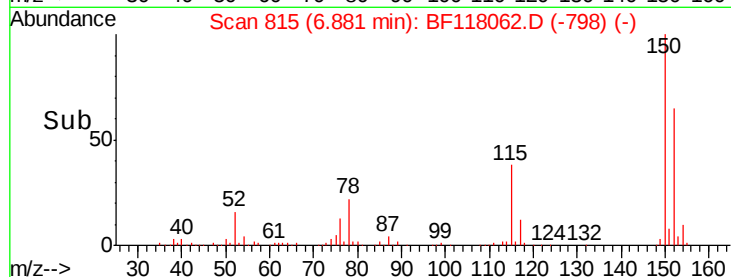
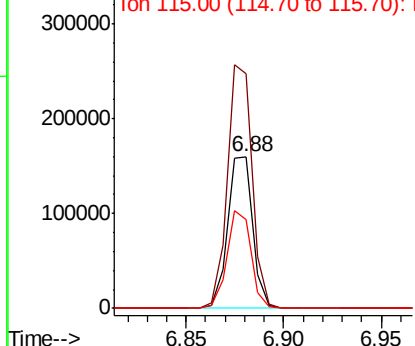
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118062.D
 Acq: 3 Dec 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB125174TB

Tot Ion:152 Resp: 142794
 Ion Ratio Lower Upper
 152 100
 150 154.9 121.4 182.2
 115 58.4 48.8 73.2



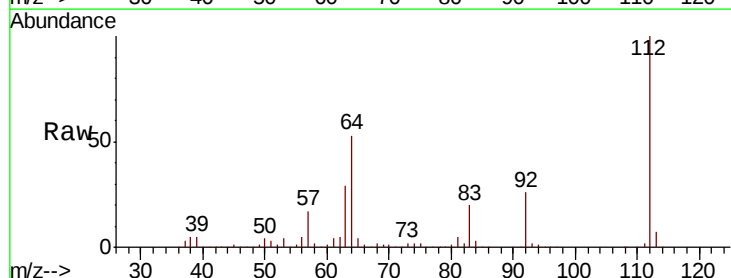
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



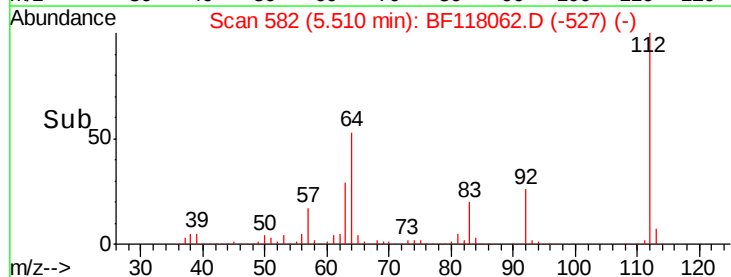
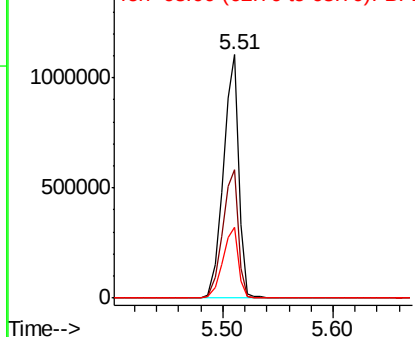
#5

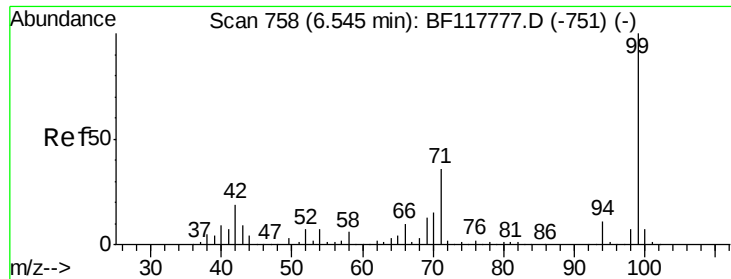
2-Fluorophenol
 Concen: 133.284 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF118062.D
 Acq: 3 Dec 2019 15:05

Tgt Ion:112 Resp: 1075198
 Ion Ratio Lower Upper
 112 100
 64 53.0 45.1 67.7
 63 29.3 24.6 37.0



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: 137.097 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB125174TB

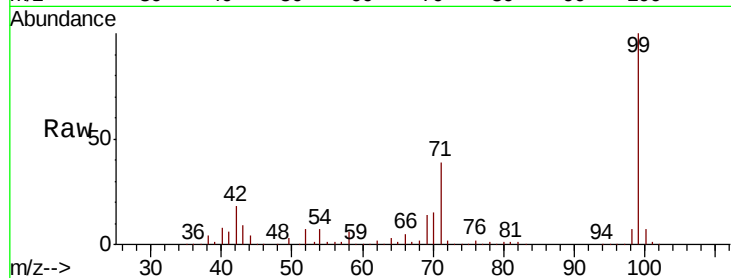
Tot Ion: 99 Resp: 1333966

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

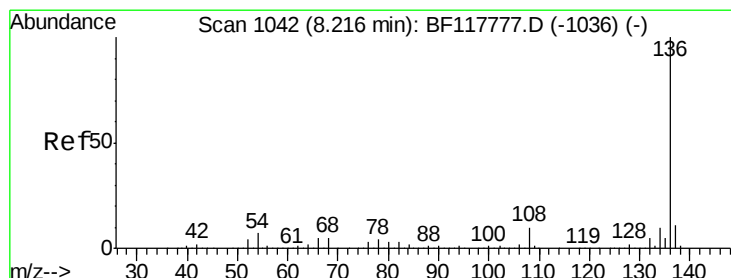
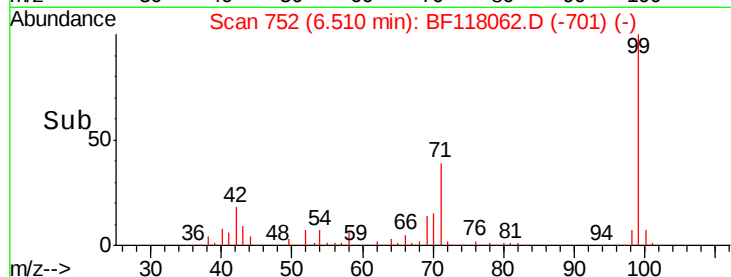
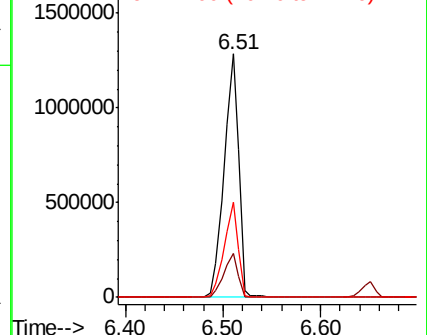
71 38.9 29.2 43.8



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: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

Tgt Ion: 136 Resp: 564220

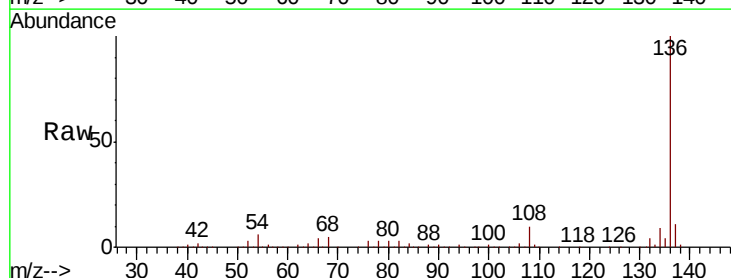
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.0 4.9 7.3

68 4.6 3.6 5.4

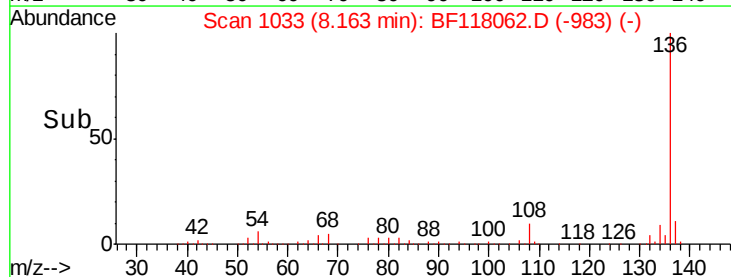
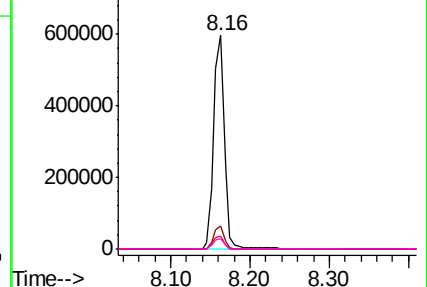


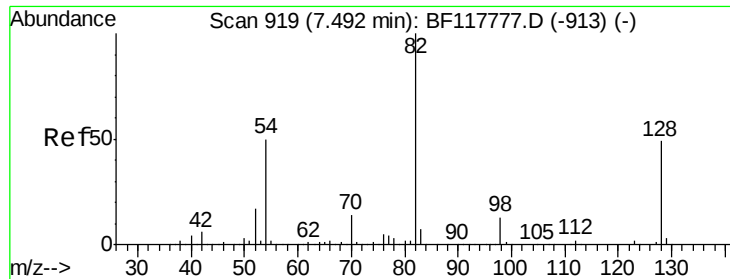
Abundance Ion 136.00 (135.70 to 136.70): E

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

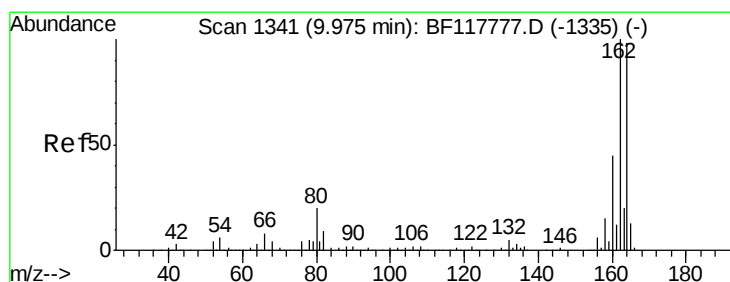
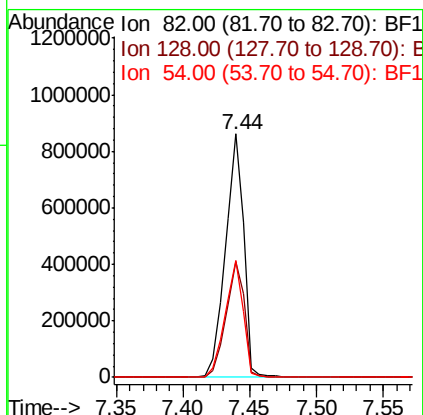
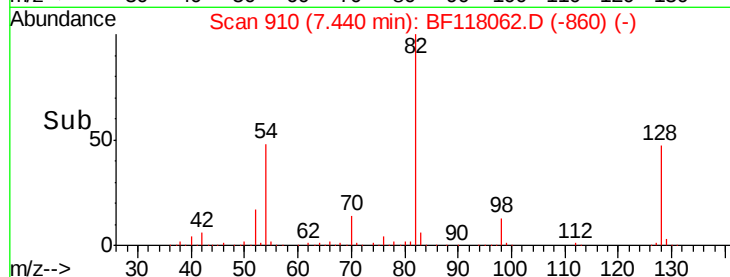
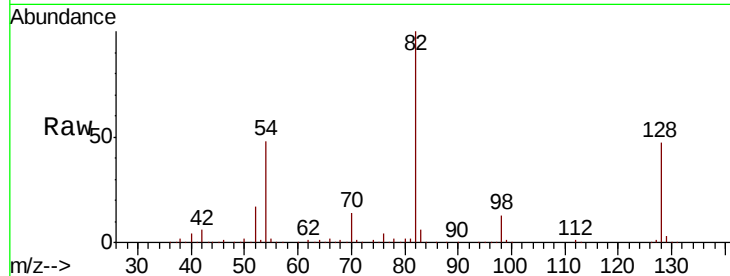




#23
Nitrobenzene-d5
Concen: 88.246 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118062.D
Acq: 3 Dec 2019 15:05

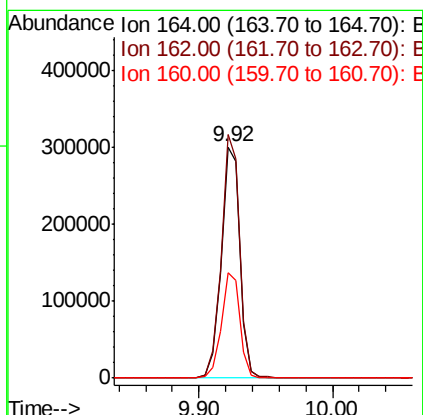
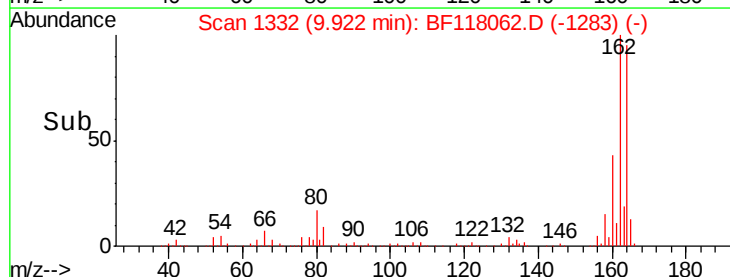
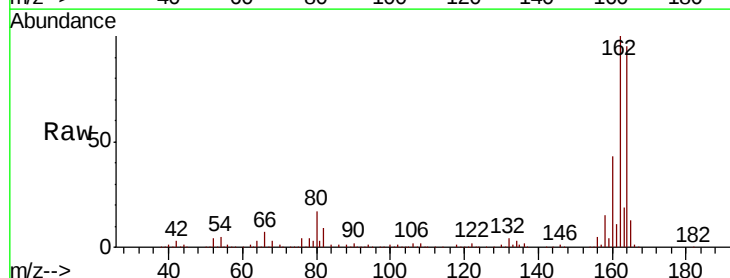
Instrument :
BNA_F
ClientSampleId :
PB125174TB

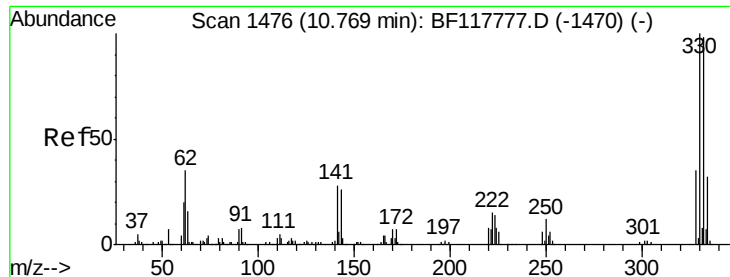
Tot Ion: 82 Resp: 837574
Ion Ratio Lower Upper
82 100
128 47.3 38.2 57.4
54 47.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118062.D
Acq: 3 Dec 2019 15:05

Tgt Ion:164 Resp: 296329
Ion Ratio Lower Upper
164 100
162 105.2 81.8 122.8
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.190 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB125174TB

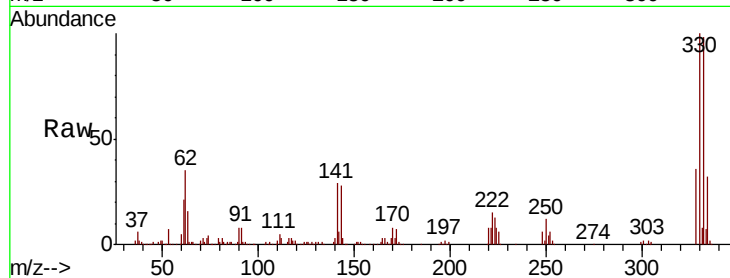
Tot Ion:330 Resp: 474313

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

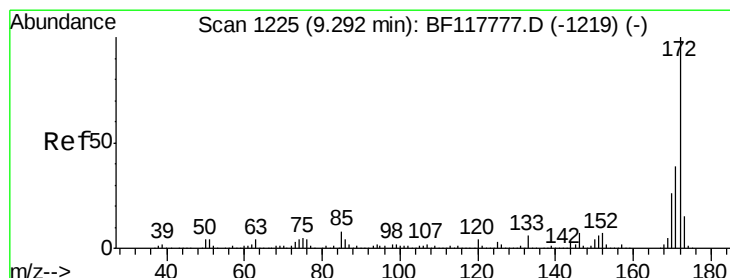
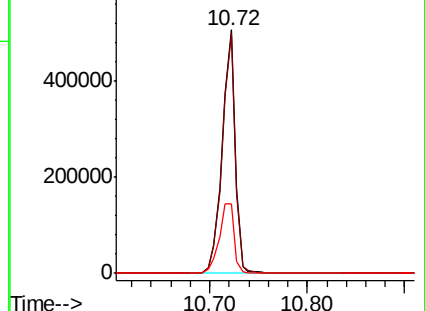
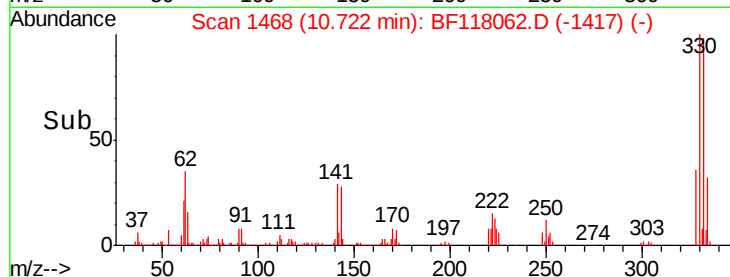
141 32.5 26.4 39.6



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: 98.527 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

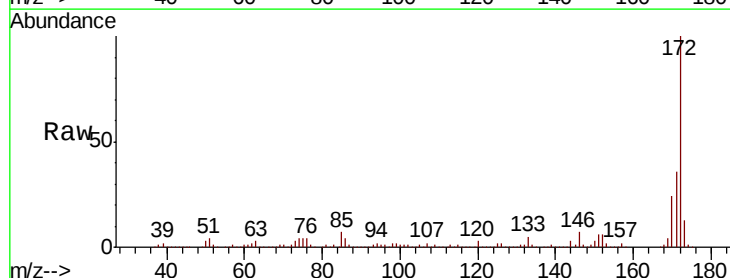
Tgt Ion:172 Resp: 1627410

Ion Ratio Lower Upper

172 100

171 36.2 29.2 43.8

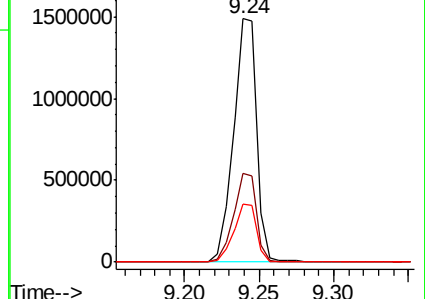
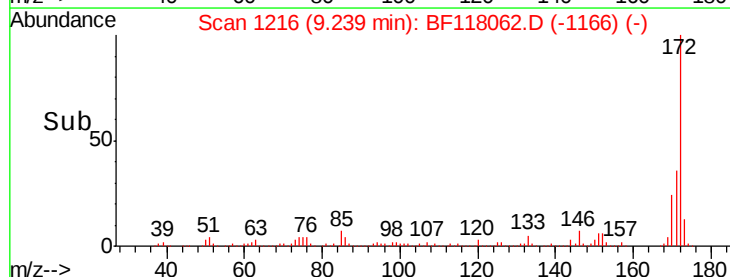
170 24.0 19.3 28.9

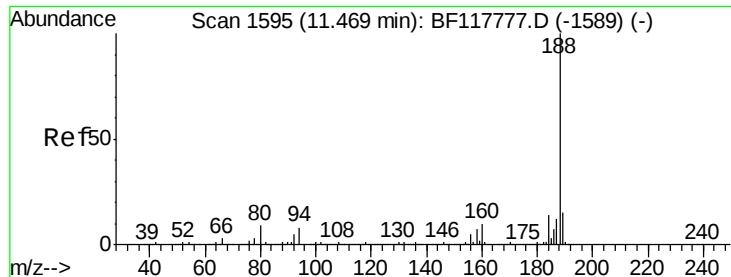


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

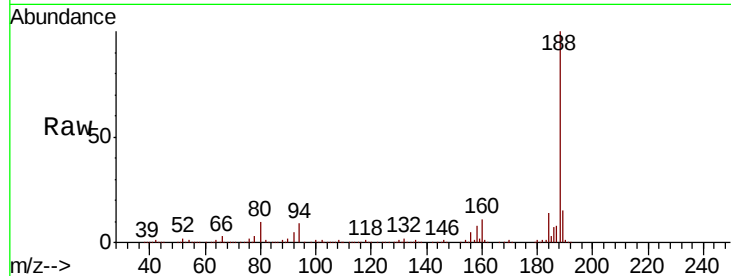




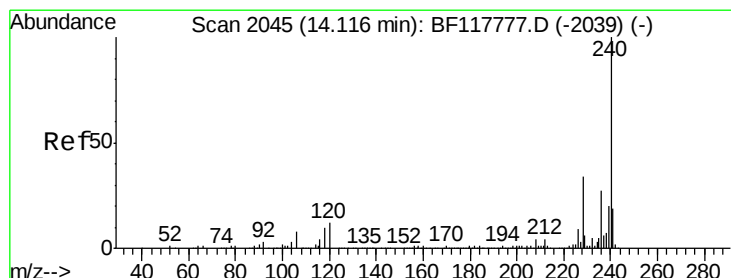
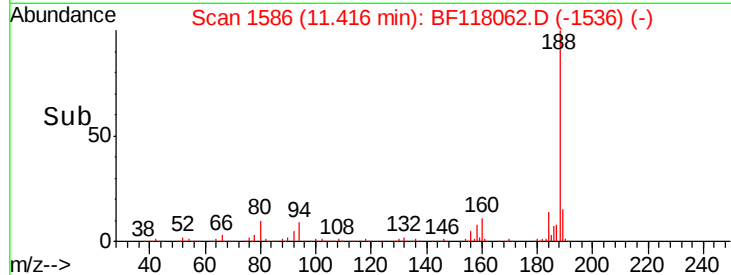
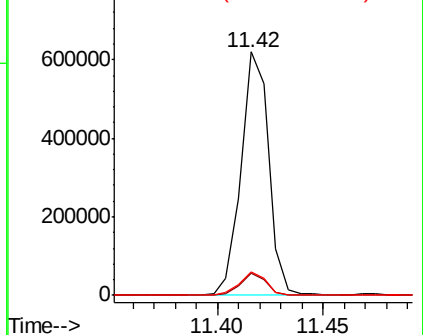
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF118062.D
Acq: 3 Dec 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB125174TB

Tot Ion:188 Resp: 563308
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.2 10.8

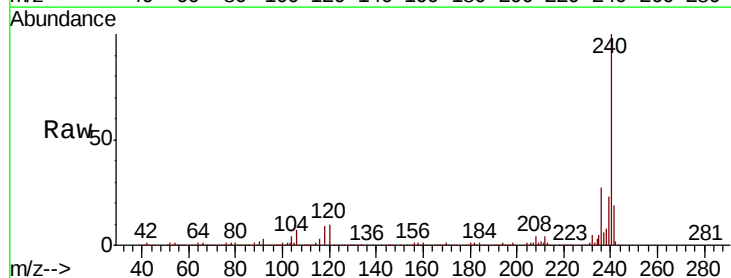


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

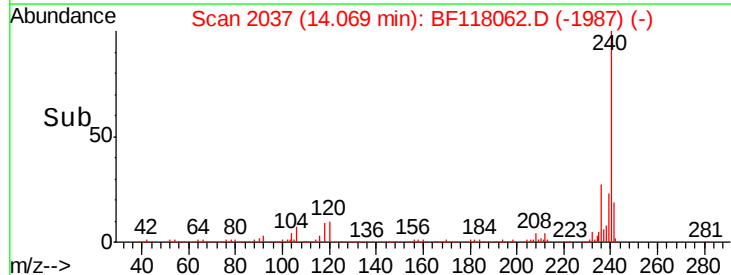
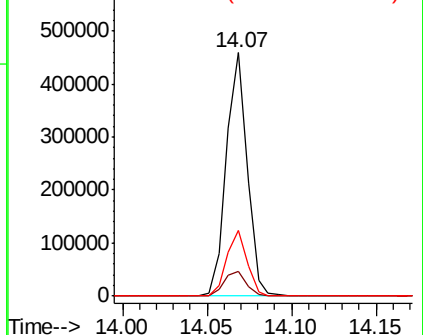


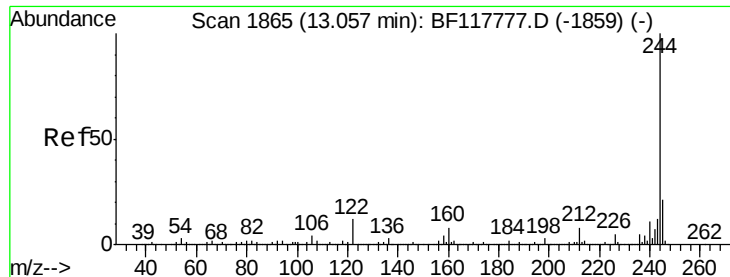
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118062.D
Acq: 3 Dec 2019 15:05

Tgt Ion:240 Resp: 394062
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.8 20.6 31.0



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: 94.249 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

Instrument :

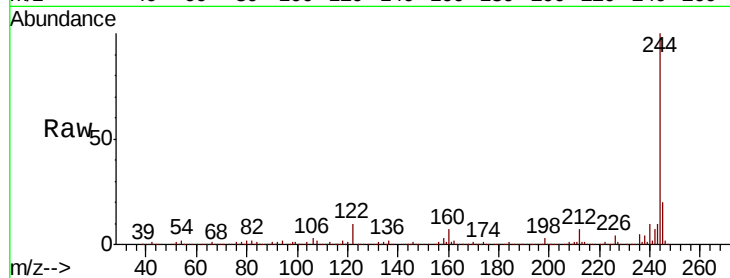
BNA_F

ClientSampleId :

PB125174TB

Tot Ion:244 Resp: 2032167

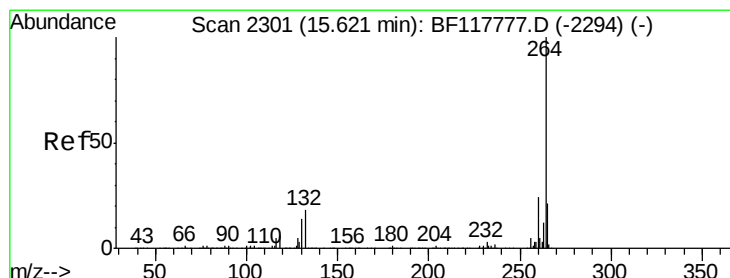
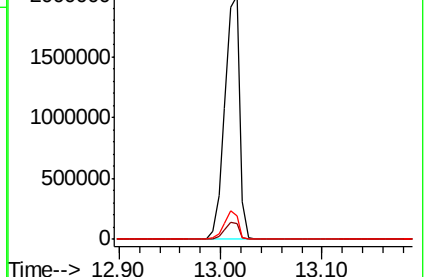
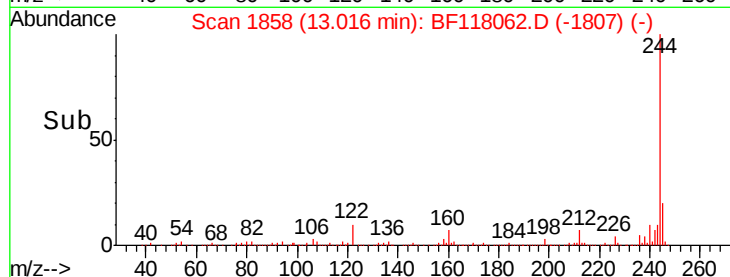
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.5	7.2	10.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

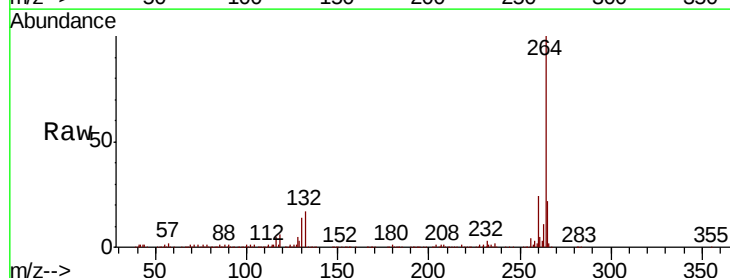
Delta R.T. -0.01 min

Lab File: BF118062.D

Acq: 3 Dec 2019 15:05

Tgt Ion:264 Resp: 370271

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.9	16.4	24.6



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

