

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112737.D
 Acq On : 27 Feb 2019 23:47
 Operator : JU/SJ
 Sample : K1594-22 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

Quant Time: Feb 28 03:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

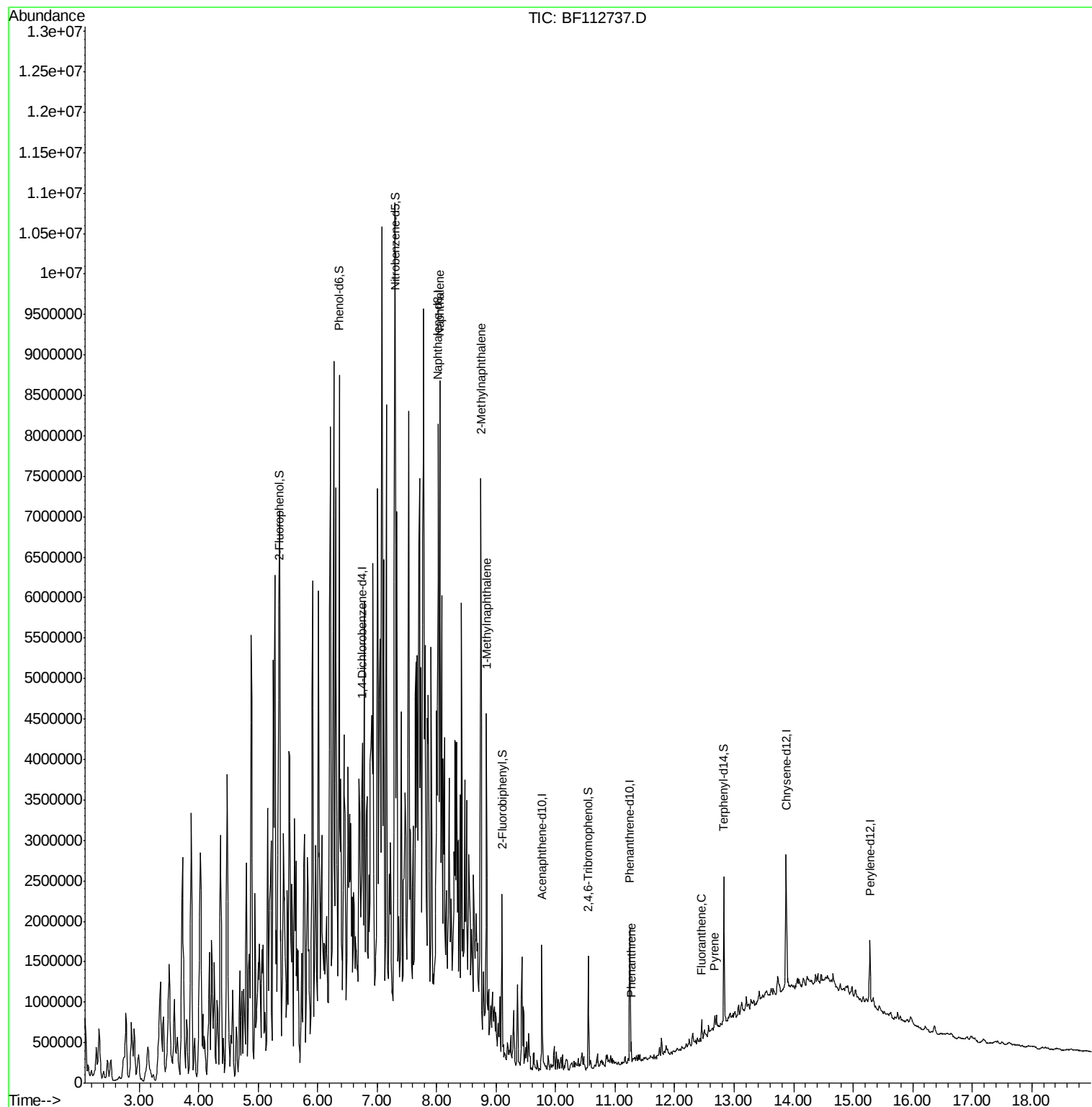
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172088	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	473789	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	292881	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	592256	20.00	ng	0.00
76) Chrysene-d12	13.87	240	510213	20.00	ng	0.00
87) Perylene-d12	15.28	264	360810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	450379	40.71	ng	0.00
7) Phenol-d6	6.37	99	538814	38.77	ng	0.00
23) Nitrobenzene-d5	7.31	82	258960	32.71	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	145497	46.79	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	524778	20.79	ng	0.00
79) Terphenyl-d14	12.83	244	607718	23.09	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.05	128	1772799	75.366	ng	96
37) 2-Methylnaphthalene	8.75	142	1918404	126.289	ng	98
38) 1-Methylnaphthalene	8.84	142	915192	62.195	ng	99
71) Phenanthrene	11.27	178	85704	2.908	ng	99
75) Fluoranthene	12.45	202	90313	2.861	ng	99
78) Pyrene	12.68	202	89294	2.076	ng	97

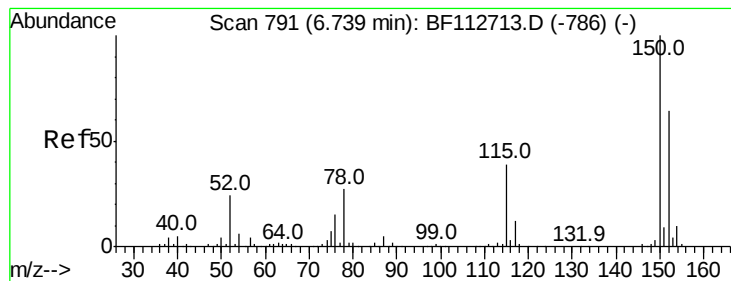
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112737.D
Acq On : 27 Feb 2019 23:47
Operator : JU/SJ
Sample : K1594-22 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)

Quant Time: Feb 28 03:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



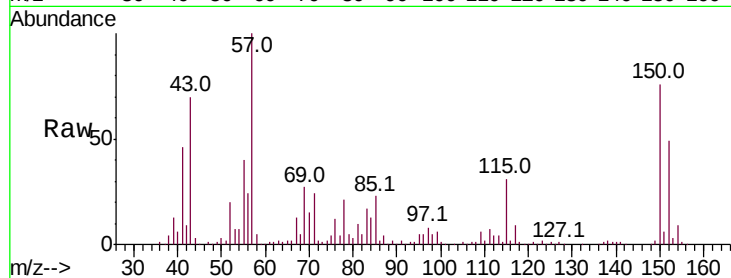


#1

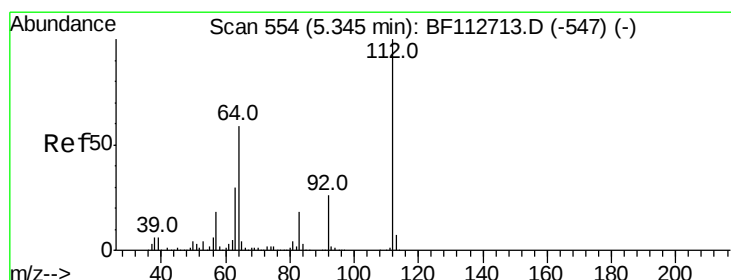
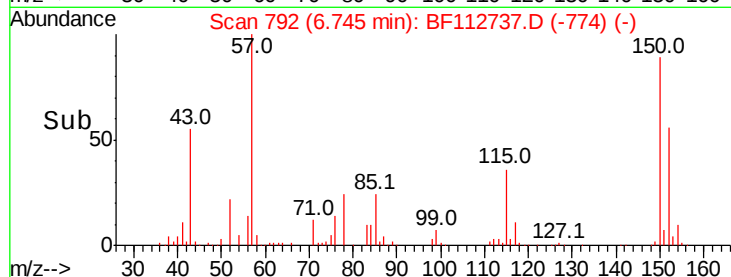
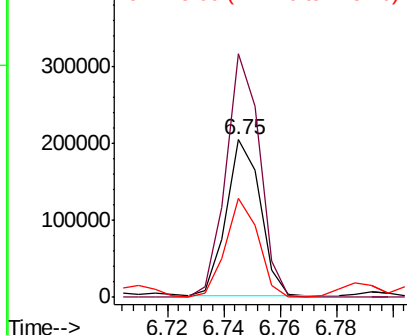
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

Tot Ion:152 Resp: 172088
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 62.7 48.2 72.4



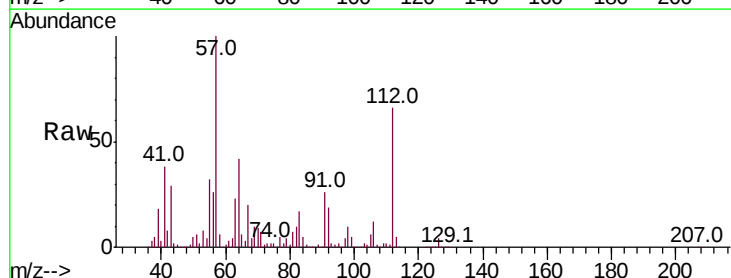
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



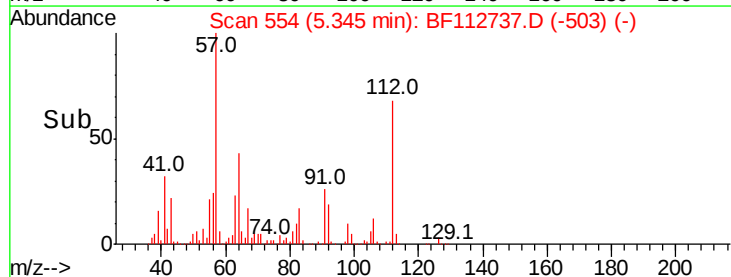
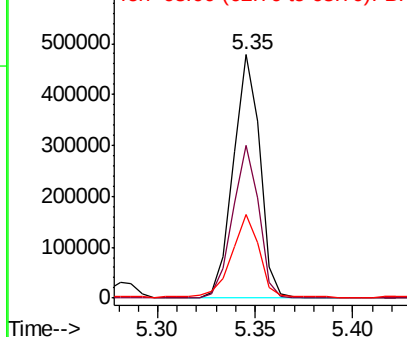
#5

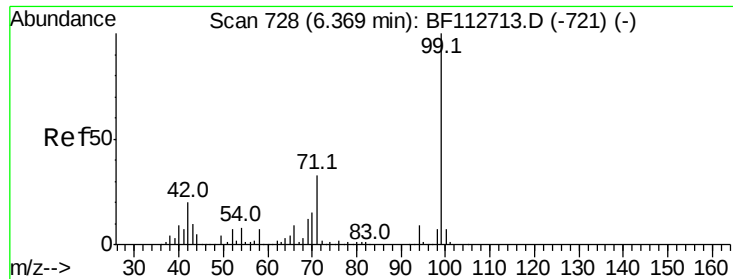
2-Fluorophenol
 Concen: 40.711 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

Tgt Ion:112 Resp: 450379
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.6 71.4
 63 34.1 24.4 36.6



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: 38.773 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

Instrument :

BNA_F

ClientSampled :

B-1(8-9)

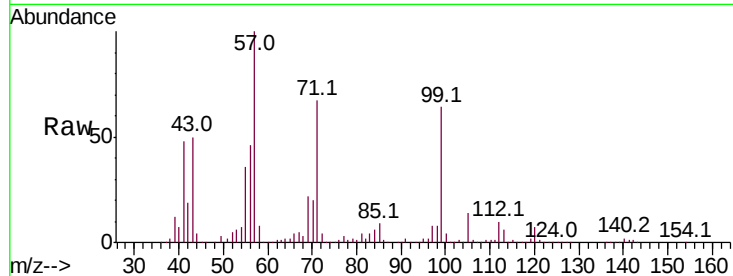
Tot Ion: 99 Resp: 538814

Ion Ratio Lower Upper

99 100

42 30.3 16.3 24.5#

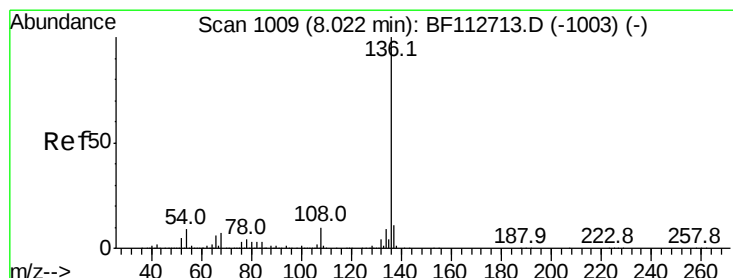
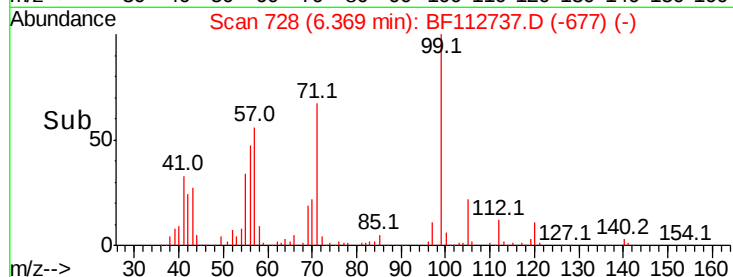
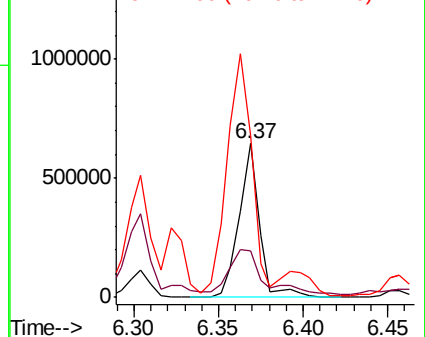
71 104.7 26.2 39.4#



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: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

Tgt Ion: 136 Resp: 473789

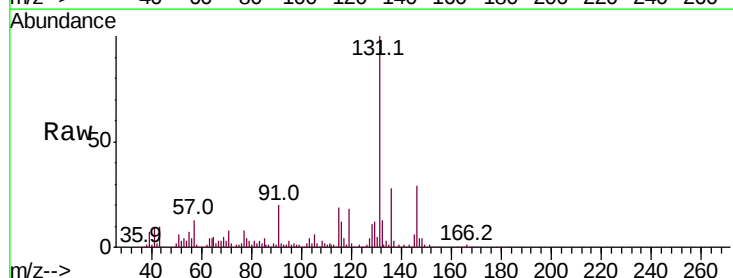
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 12.3 7.3 10.9#

68 9.1 5.4 8.2#

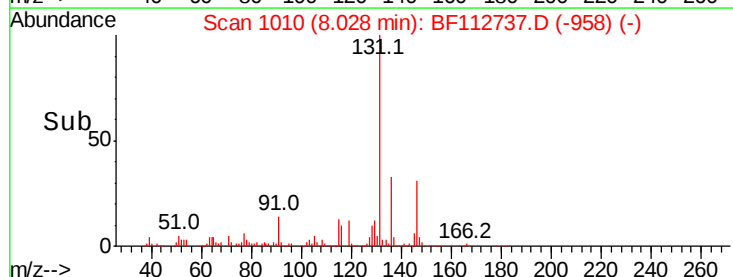
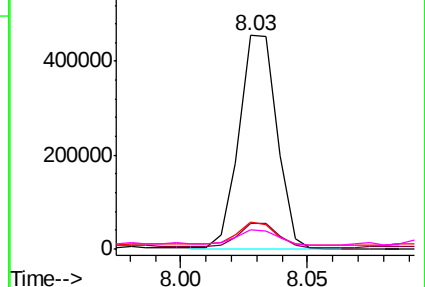


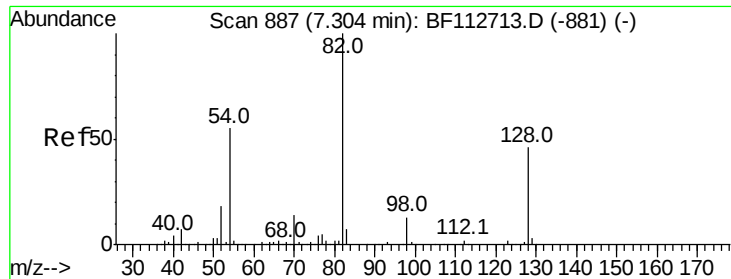
Abundance Ion 136.00 (135.70 to 136.70): E

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

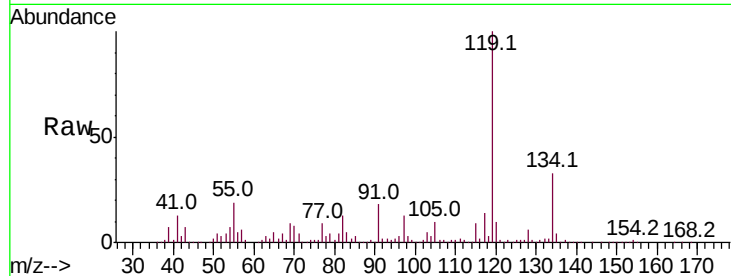




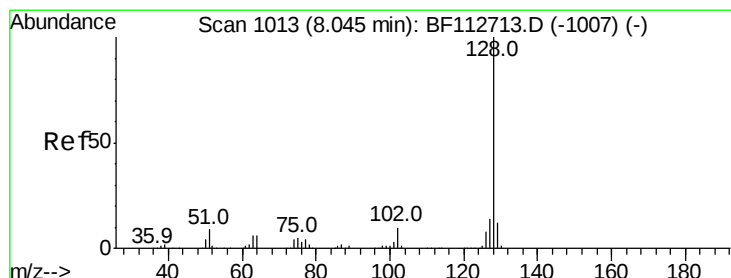
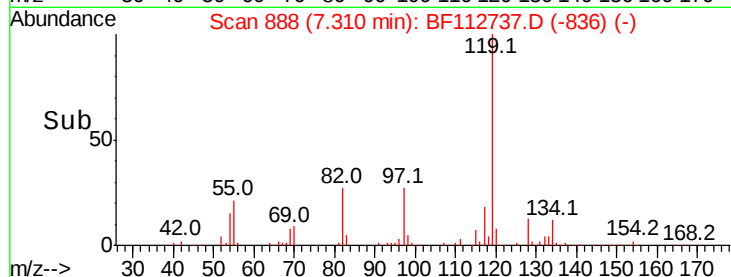
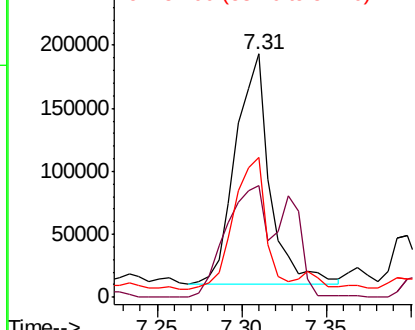
#23
 Nitrobenzene-d5
 Concen: 32.706 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

Tot Ion: 82 Resp: 258960
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 57.7 43.7 65.5

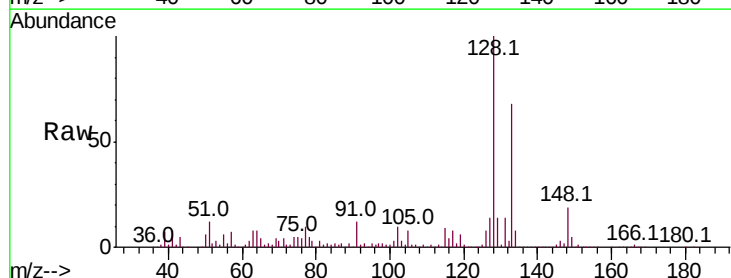


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

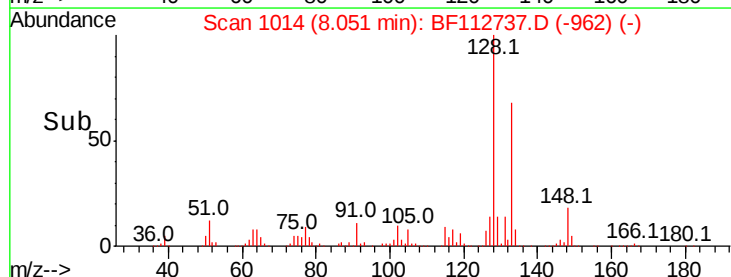
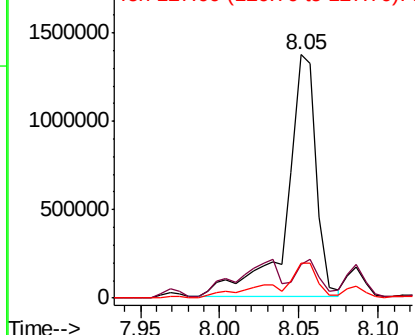


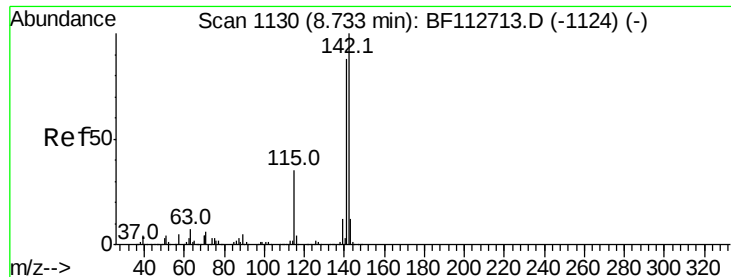
#31
 Naphthalene
 Concen: 75.366 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

Tgt Ion: 128 Resp: 1772799
 Ion Ratio Lower Upper
 128 100
 129 13.9 9.3 13.9
 127 14.3 10.9 16.3



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





#37

2-Methylnaphthalene

Concen: 126.289 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.01 min

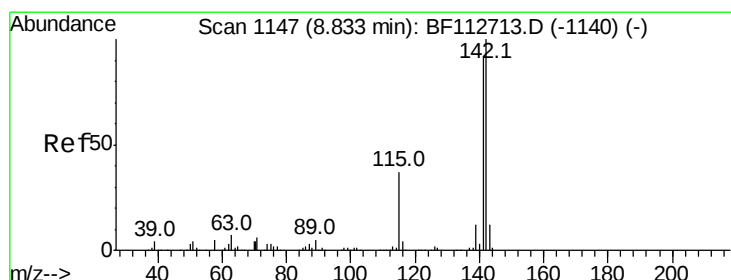
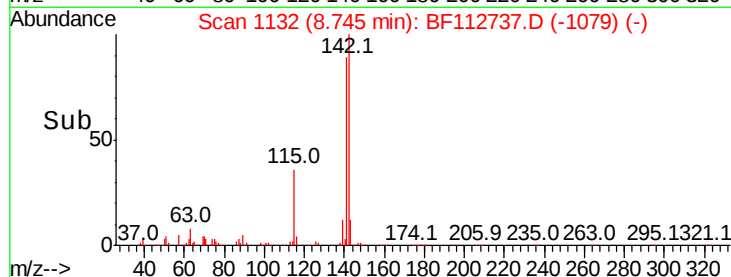
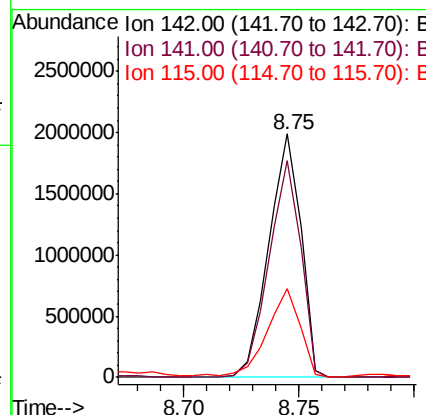
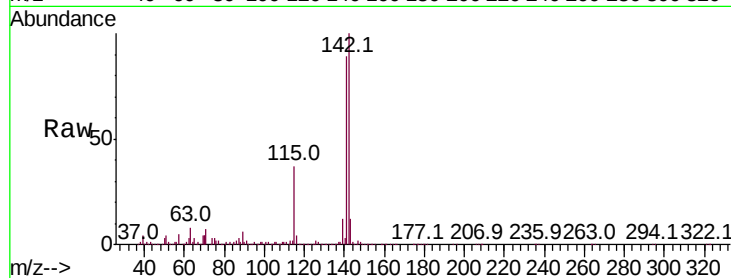
Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)

Tot Ion:142 Resp: 1918404

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	36.7	27.8	41.6



#38

1-Methylnaphthalene

Concen: 62.195 ng

RT: 8.84 min Scan# 1148

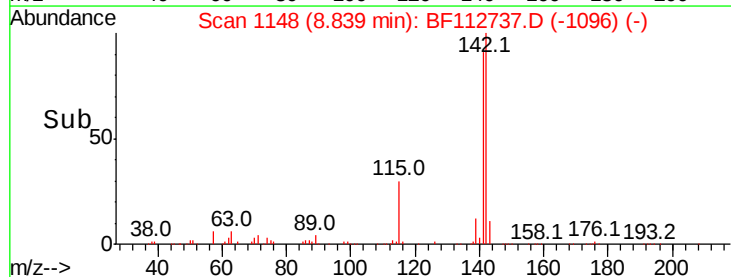
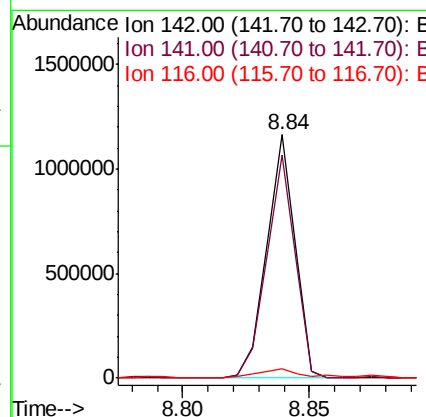
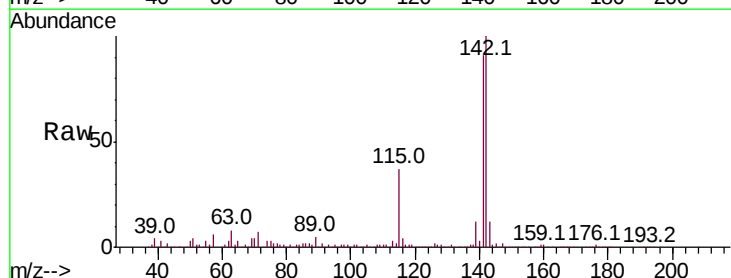
Delta R.T. 0.01 min

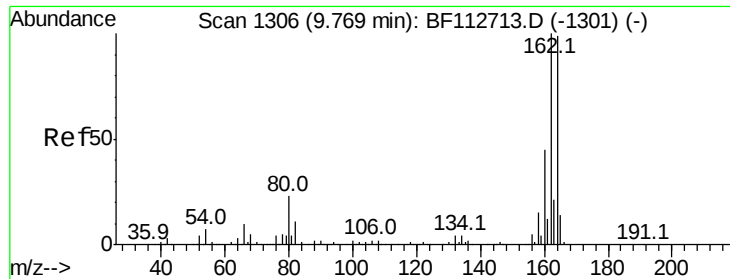
Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

Tgt Ion:142 Resp: 915192

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	4.0	3.1	4.7

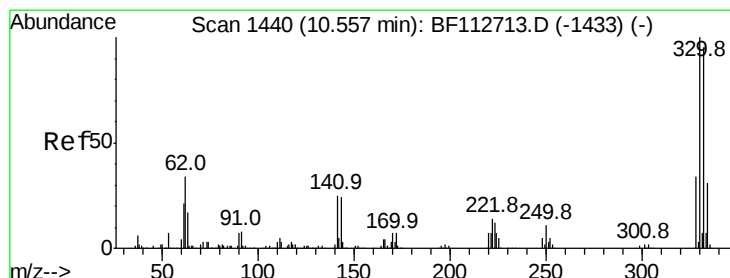
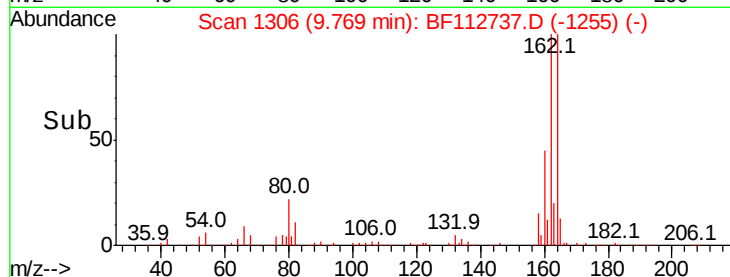
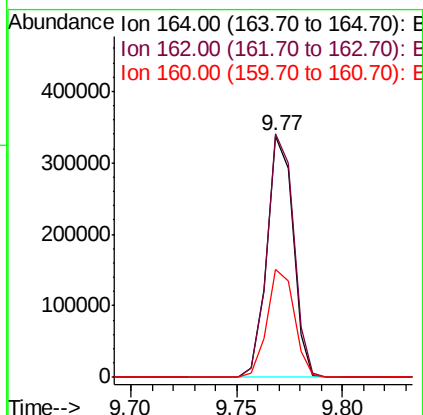
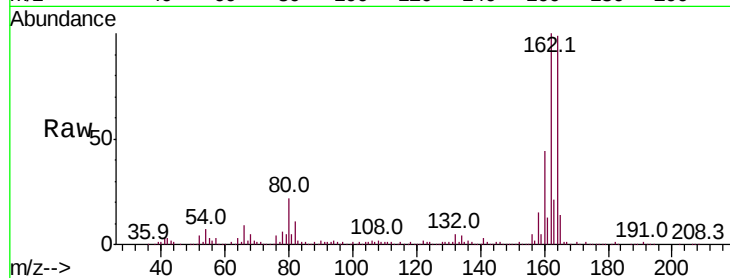




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

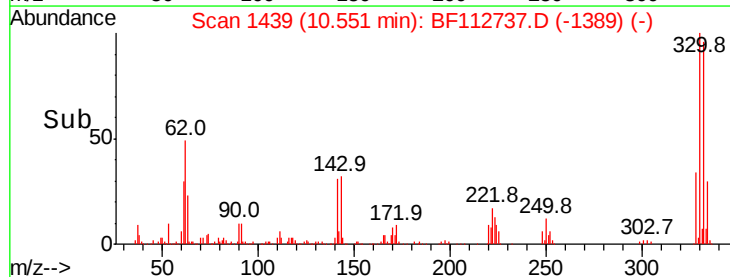
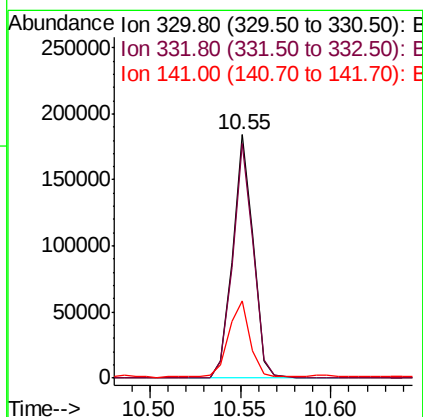
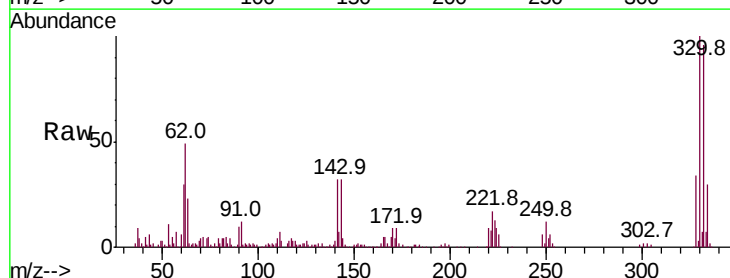
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)

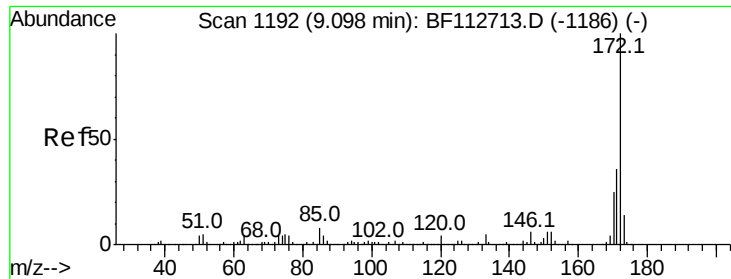
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.9	36.0	54.0



#42
 2,4,6-Tribromophenol
 Concen: 46.794 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112737.D
 Acq: 27 Feb 2019 23:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	33.5	27.0	40.6

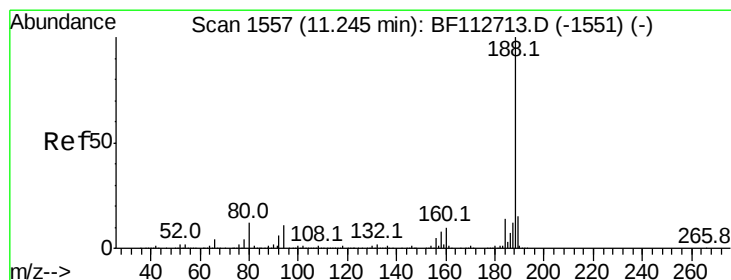
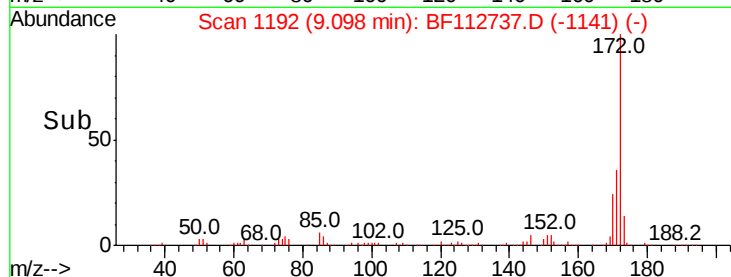
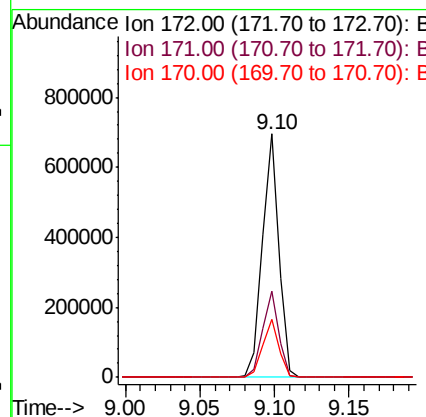
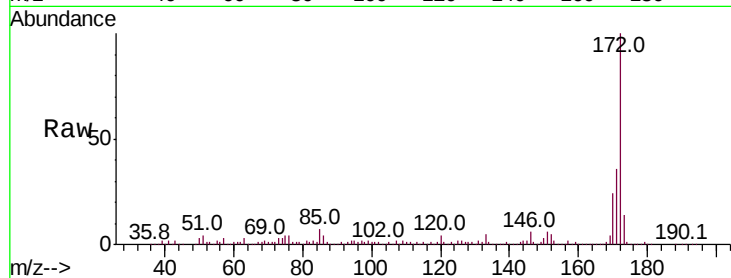




#45
2-Fluorobiphenyl
Concen: 20.789 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

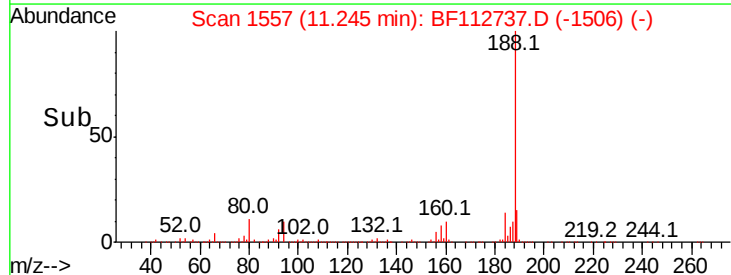
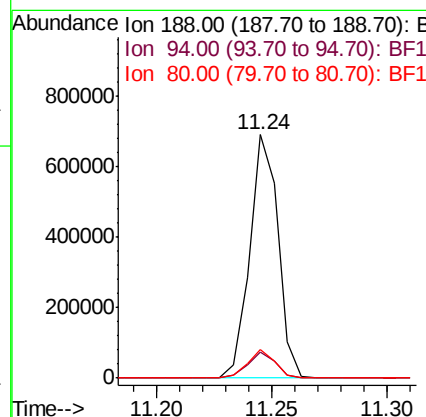
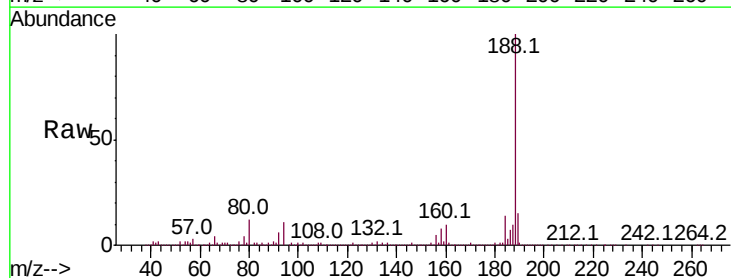
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)

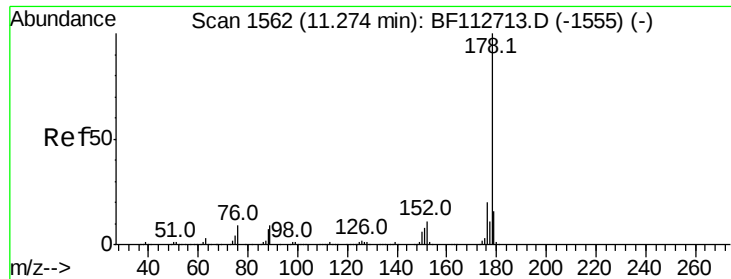
Tot Ion:172 Resp: 524778
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.7 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

Tgt Ion:188 Resp: 592256
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.5 9.2 13.8

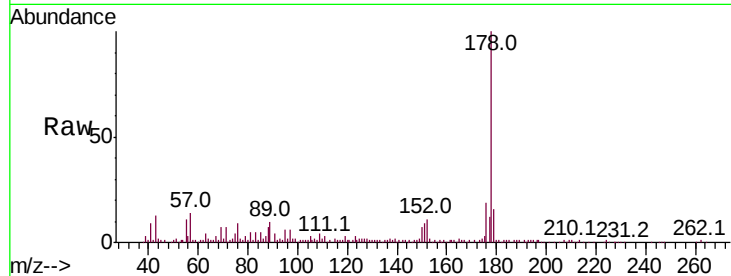




#71
Phenanthrene
Concen: 2.908 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.8	12.7	19.1

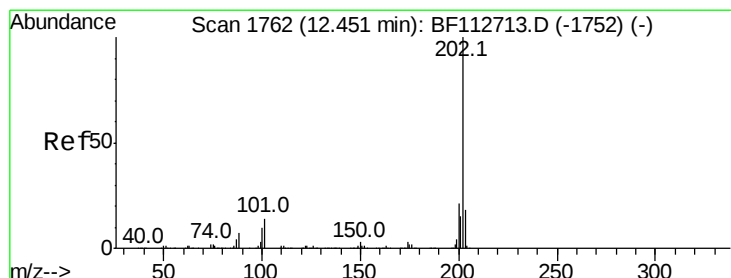
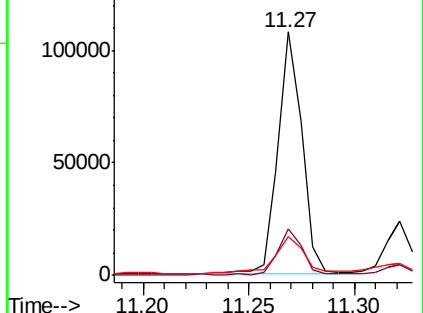
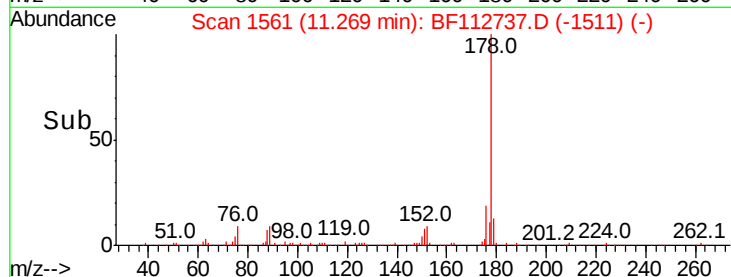


Abundance

Ion 178.00 (177.70 to 178.70): E

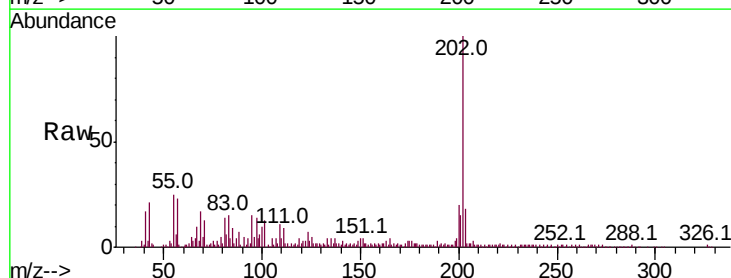
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 2.861 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	18.3	0.0	38.4

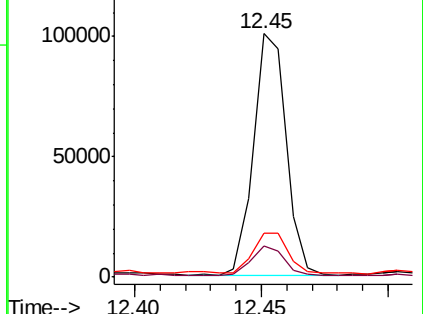
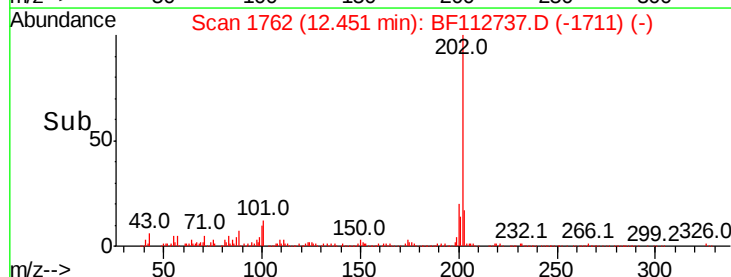


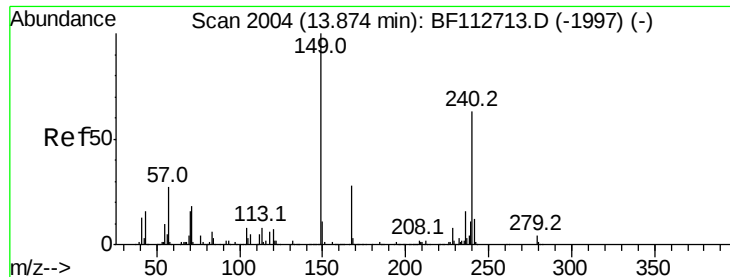
Abundance

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

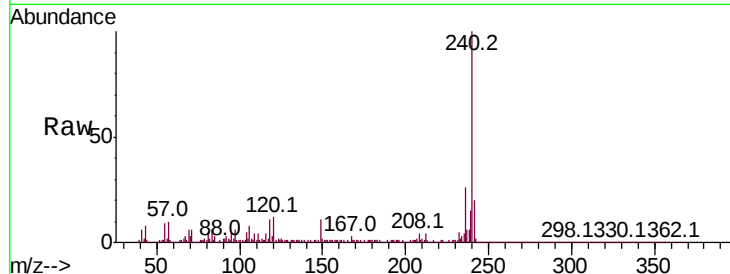




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	26.3	20.7	31.1

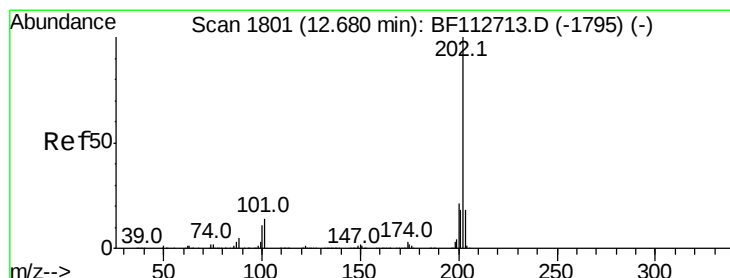
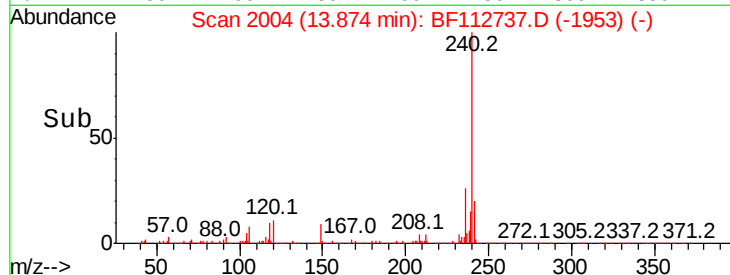
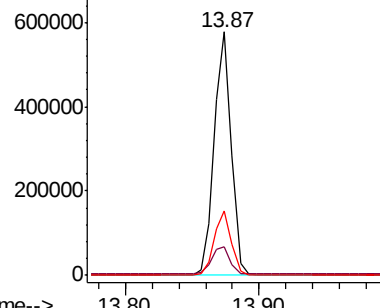


Abundance

Ion 240.00 (239.70 to 240.70): E

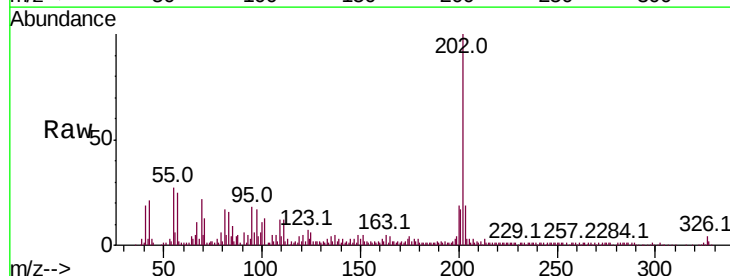
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.076 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112737.D
Acq: 27 Feb 2019 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.4
203	18.9	14.4	21.6

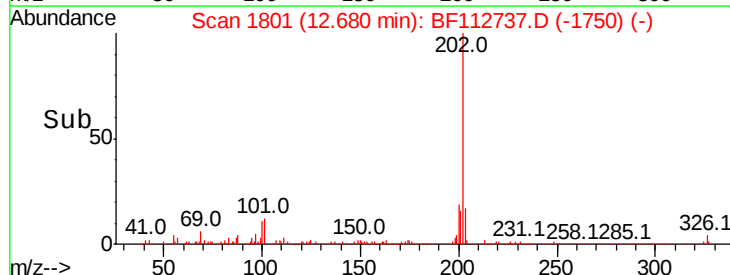
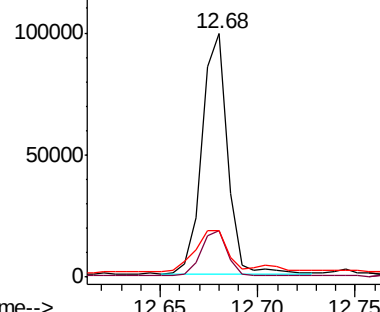


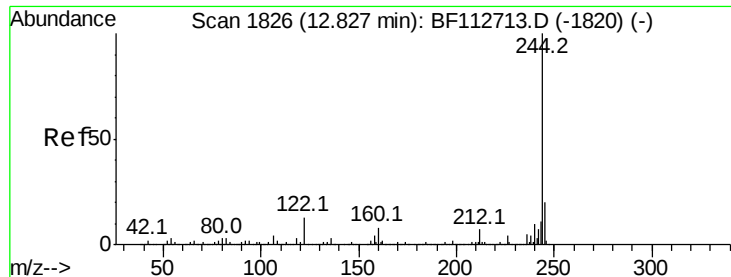
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.090 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

Instrument :

BNA_F

ClientSampled :

B-1(8-9)

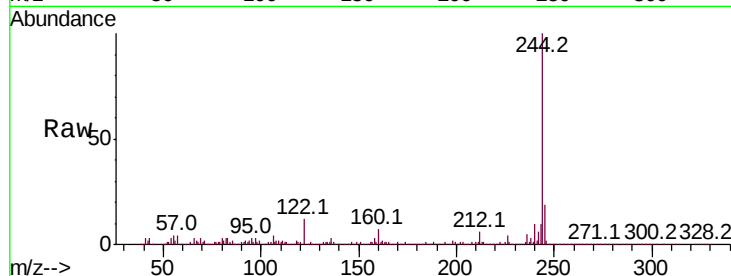
Tot Ion:244 Resp: 607718

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

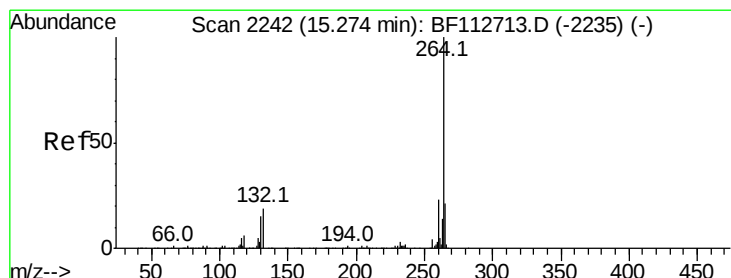
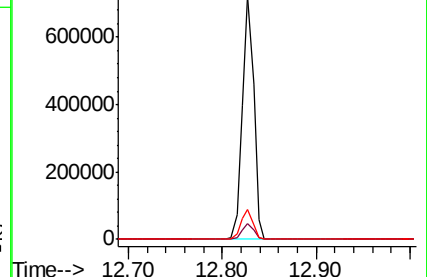
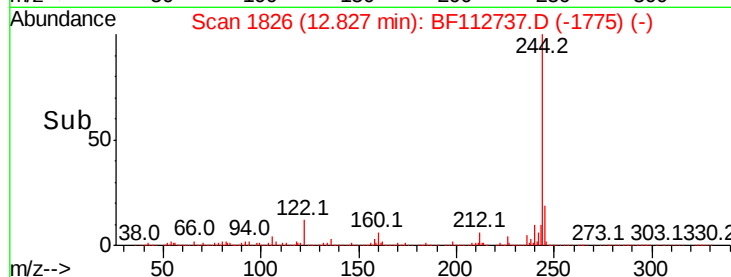
122 12.4 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112737.D

Acq: 27 Feb 2019 23:47

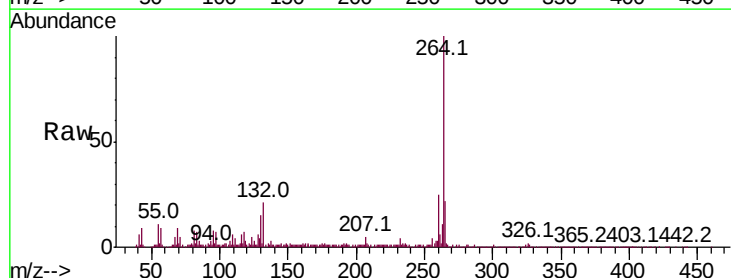
Tgt Ion:264 Resp: 360810

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 21.9 17.2 25.8



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

