

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113222.D
 Acq On : 21 Mar 2019 21:41
 Operator : JU/SJ
 Sample : K2004-03 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(7.5-8.5)

Quant Time: Mar 22 02:06:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	175333	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	695585	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	328891	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	553573	20.00	ng	0.00
76) Chrysene-d12	13.87	240	441177	20.00	ng	0.00
87) Perylene-d12	15.29	264	332275	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	38933	3.45	ng	-0.01
7) Phenol-d6	6.37	99	59461	4.20	ng	0.00
23) Nitrobenzene-d5	7.28	82	33235	2.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	13977	4.00	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	76955	1.65	ng	-0.01
79) Terphenyl-d14	12.82	244	60722	2.67	ng	0.00

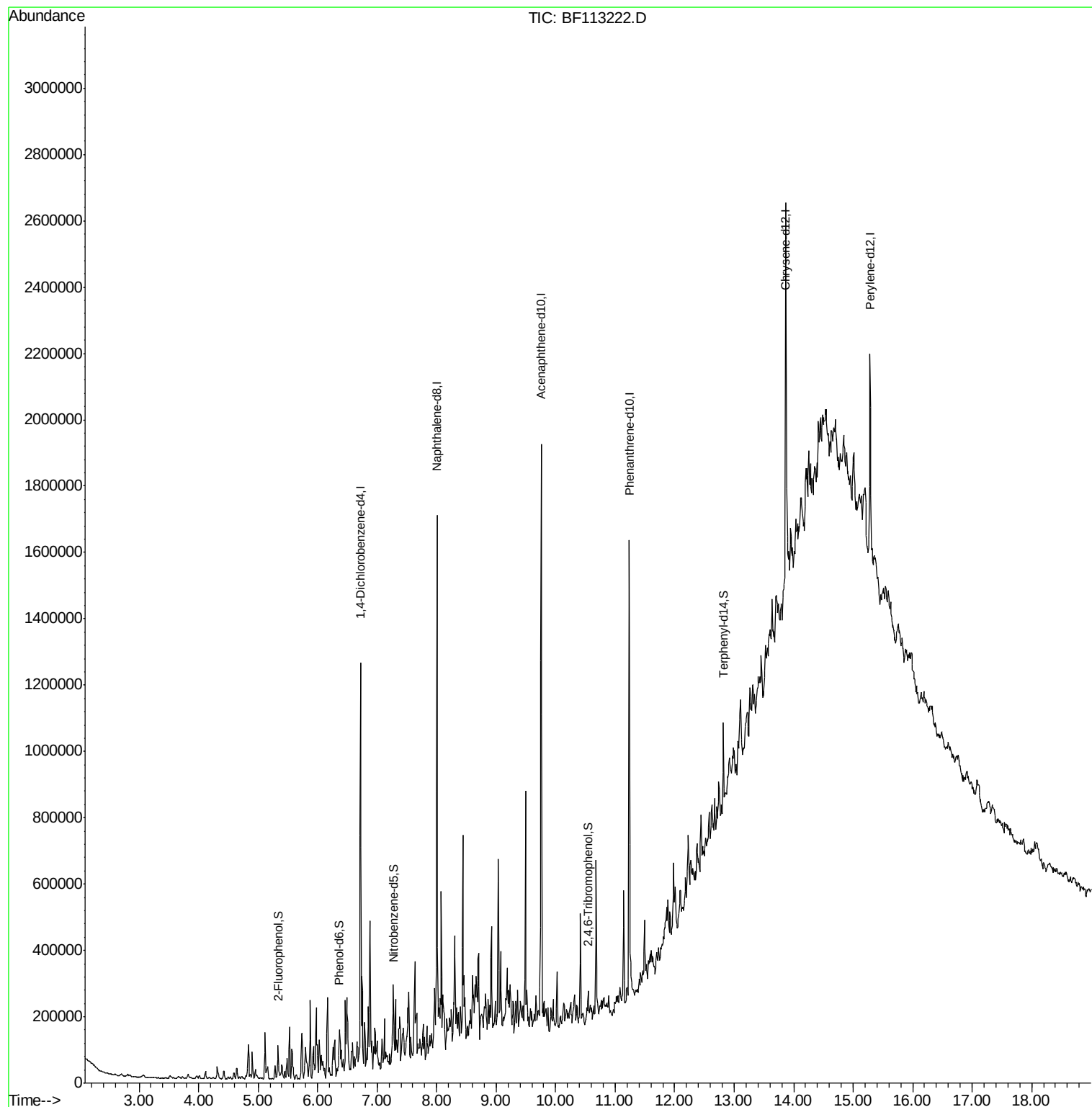
Target Compounds	Qvalue
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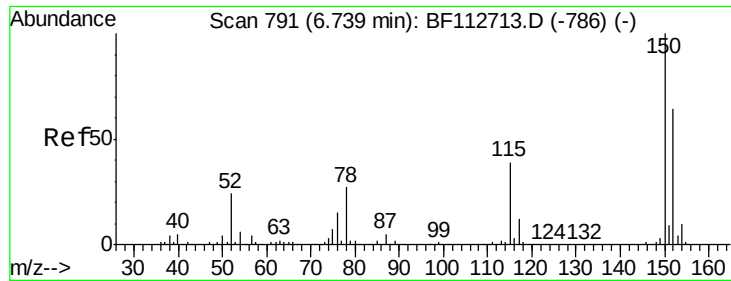
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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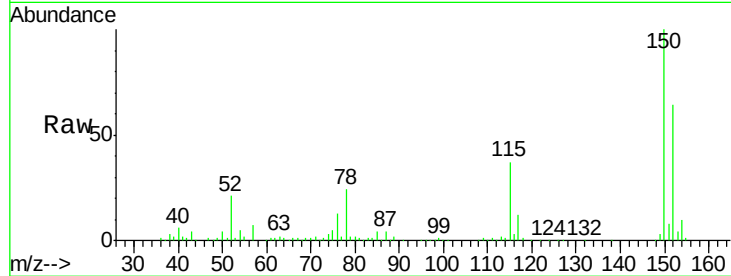


#1

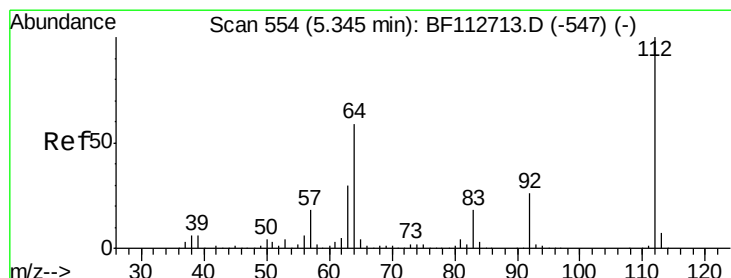
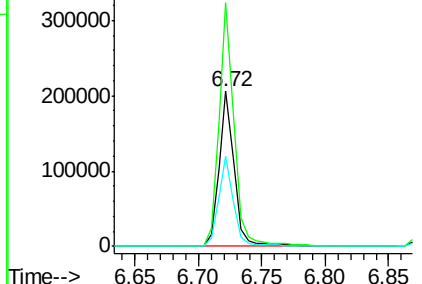
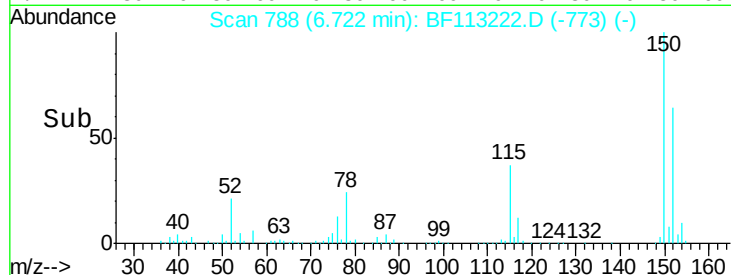
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113222.D
Acq: 21 Mar 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SB-19(7.5-8.5)

Tgt Ion:152 Resp: 175333
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 58.5 48.2 72.4



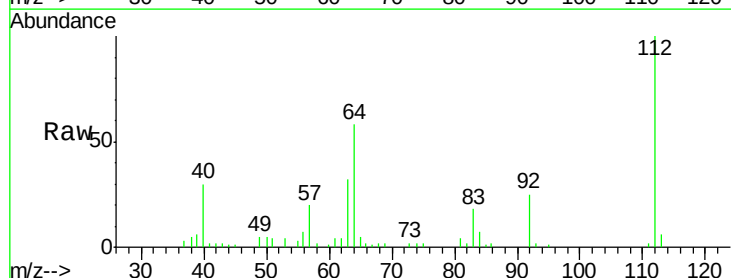
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



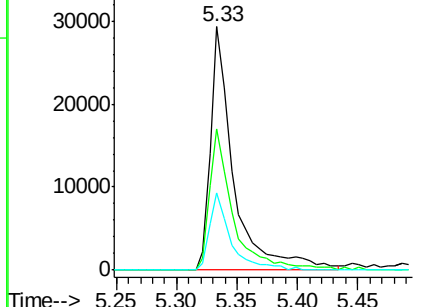
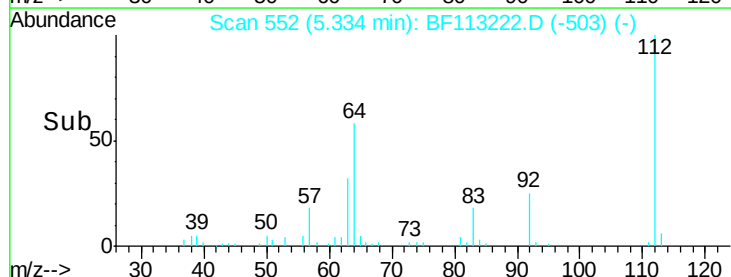
#5

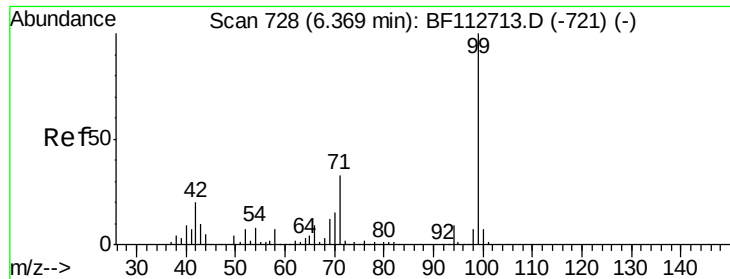
2-Fluorophenol
Concen: 3.454 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113222.D
Acq: 21 Mar 2019 21:41

Tgt Ion:112 Resp: 38933
Ion Ratio Lower Upper
112 100
64 57.8 47.6 71.4
63 32.0 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: 4.200 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

Instrument :

BNA_F

ClientSampled :

SB-19(7.5-8.5)

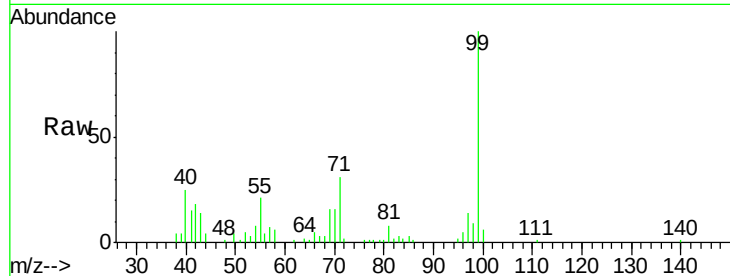
Tgt Ion: 99 Resp: 59461

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

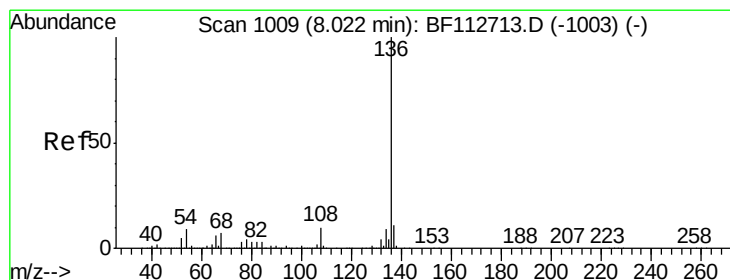
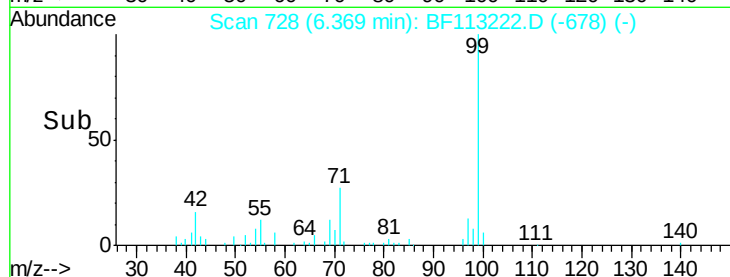
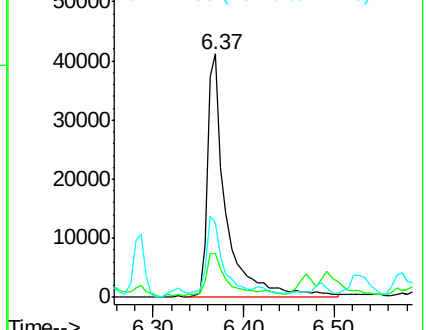
71 30.8 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

Tgt Ion: 136 Resp: 695585

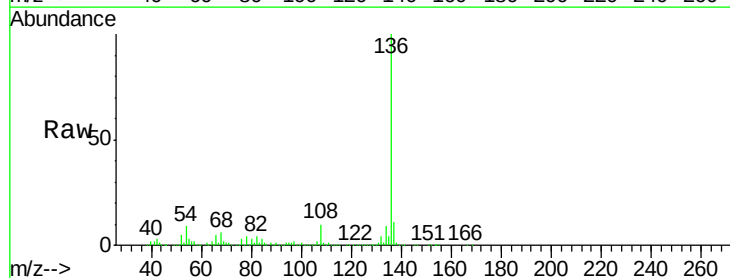
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 7.3 10.9

68 6.3 5.4 8.2

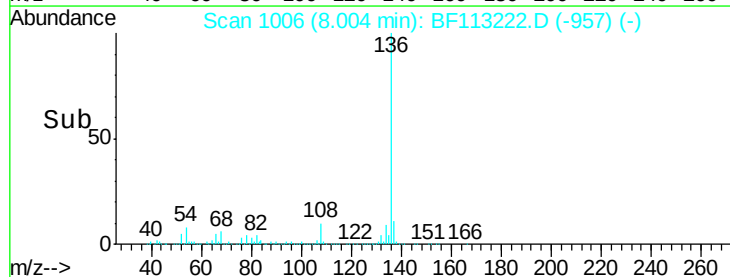
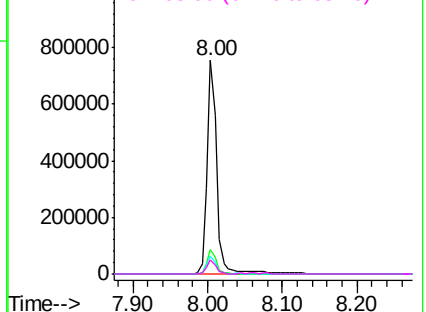


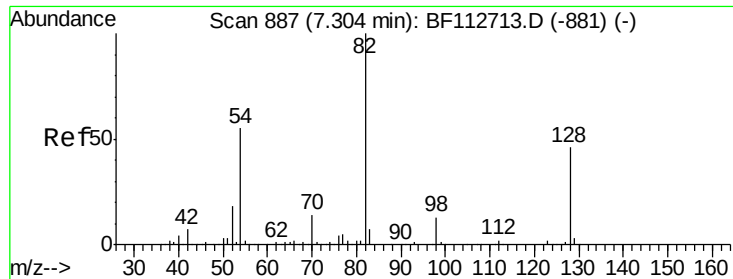
Abundance Ion 136.00 (135.70 to 136.70): E

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

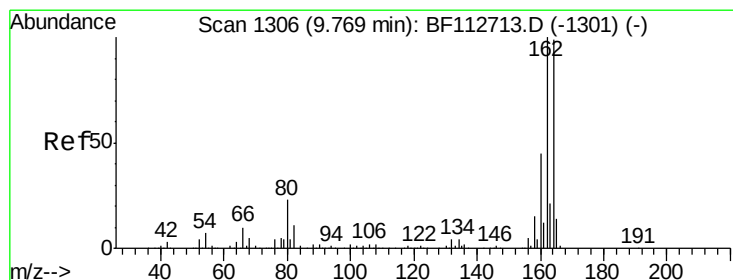
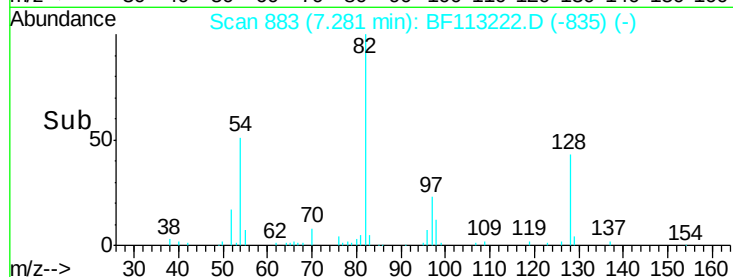
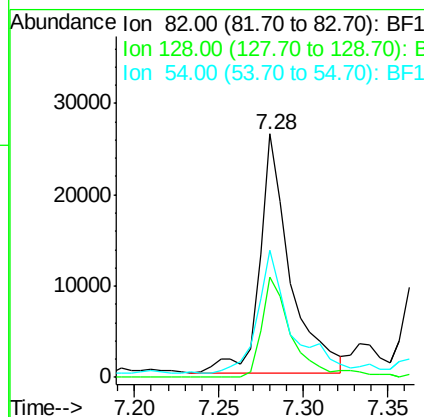
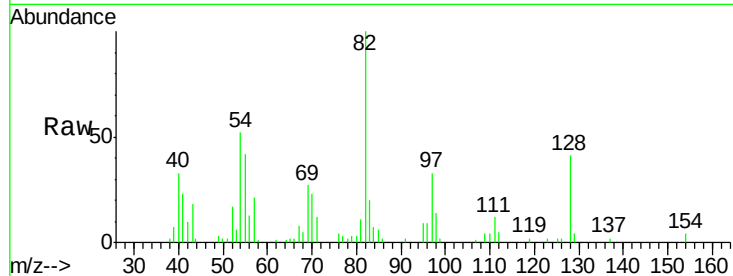




#23
 Nitrobenzene-d5
 Concen: 2.859 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113222.D
 Acq: 21 Mar 2019 21:41

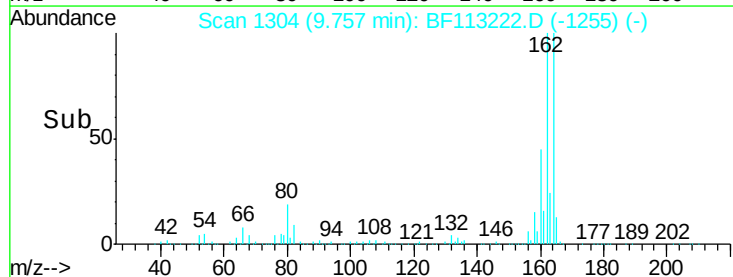
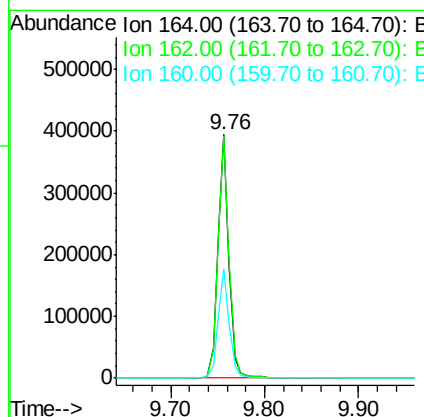
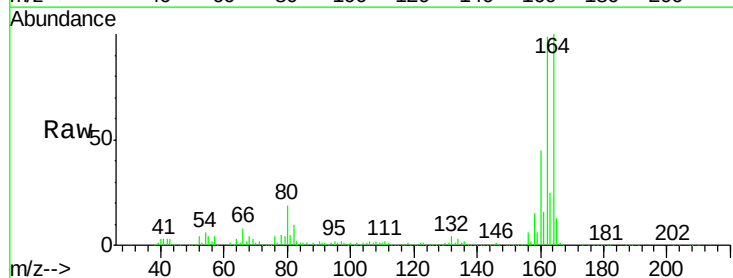
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(7.5-8.5)

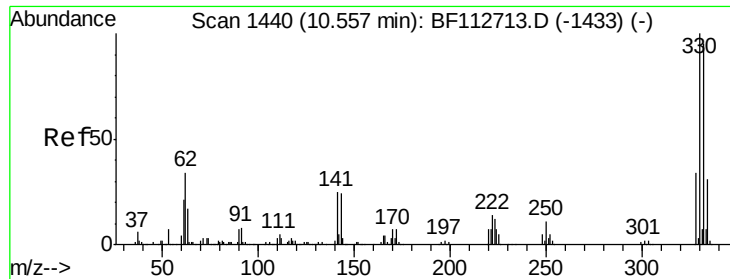
Tgt Ion: 82 Resp: 33235
 Ion Ratio Lower Upper
 82 100
 128 41.2 36.3 54.5
 54 52.0 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113222.D
 Acq: 21 Mar 2019 21:41

Tgt Ion: 164 Resp: 328891
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 44.8 36.0 54.0

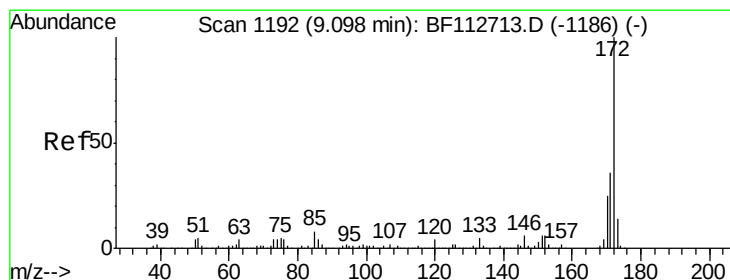
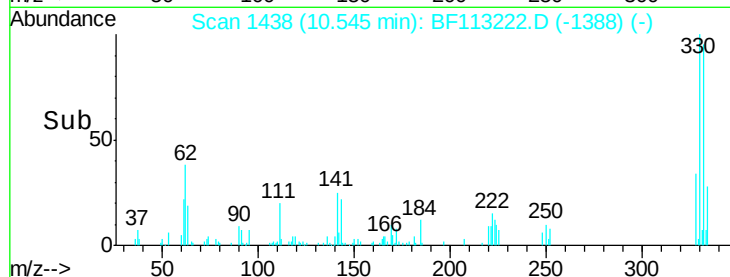
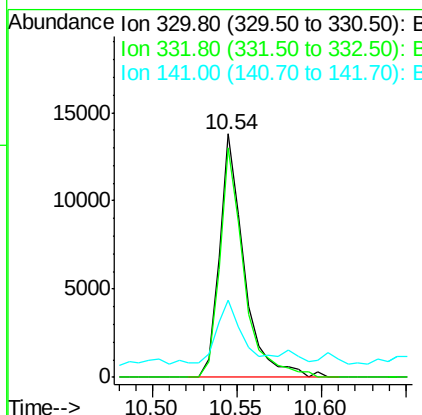
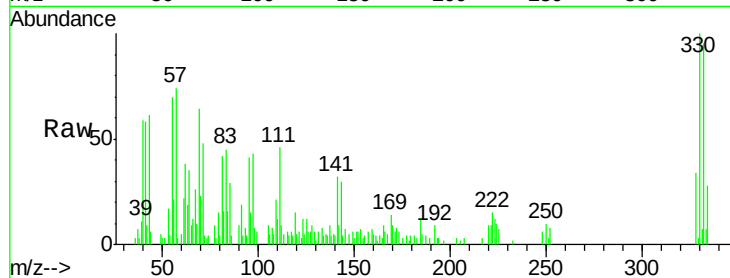




#42
 2,4,6-Tribromophenol
 Concen: 4.003 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113222.D
 Acq: 21 Mar 2019 21:41

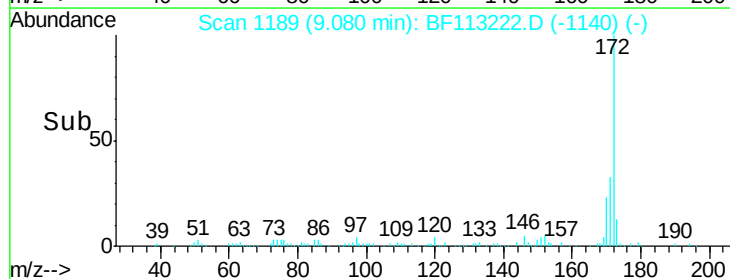
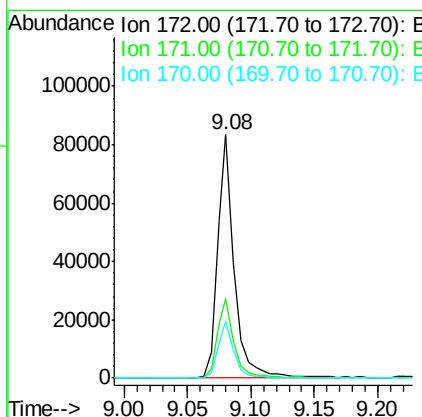
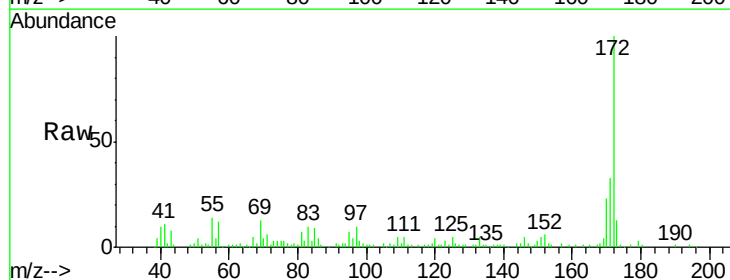
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(7.5-8.5)

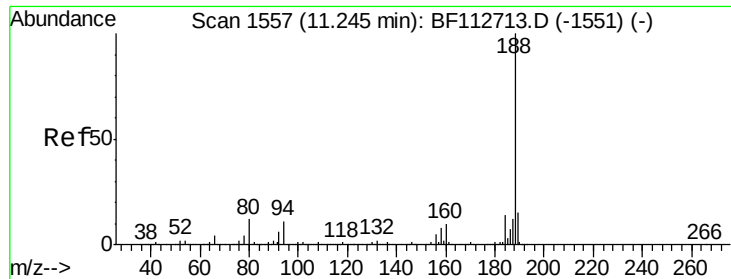
Tgt Ion:330 Resp: 13977
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.2 114.4
 141 26.0 27.0 40.6#



#45
 2-Fluorobiphenyl
 Concen: 1.649 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113222.D
 Acq: 21 Mar 2019 21:41

Tgt Ion:172 Resp: 76955
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.0 43.4
 170 23.5 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

Instrument :

BNA_F

ClientSampleId :

SB-19(7.5-8.5)

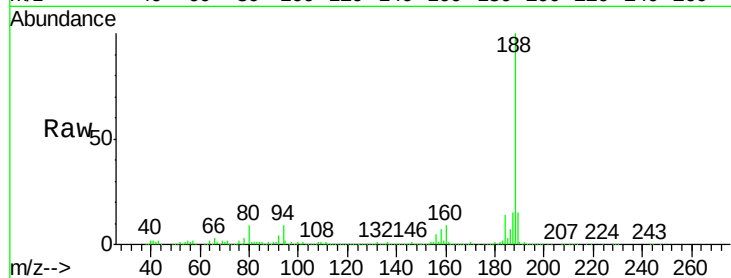
Tgt Ion:188 Resp: 553573

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

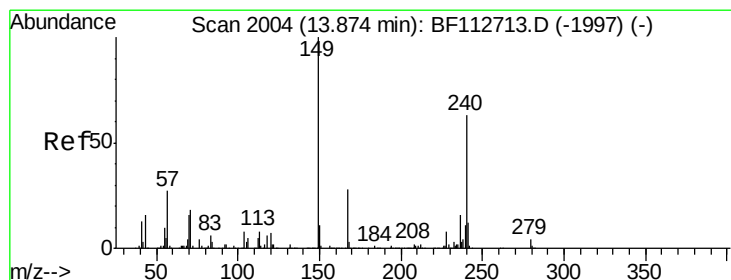
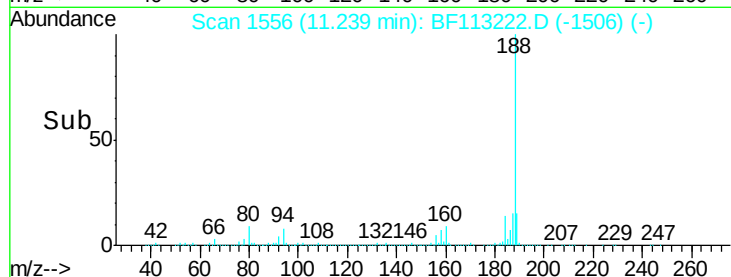
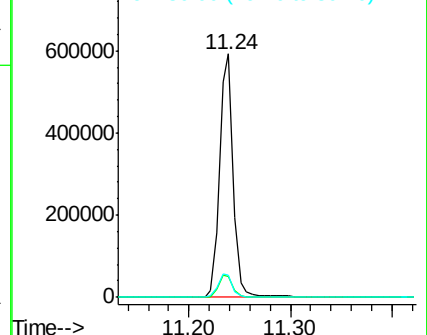
80 8.9 9.2 13.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

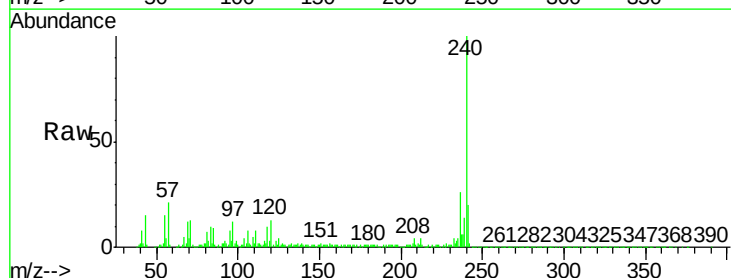
Tgt Ion:240 Resp: 441177

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

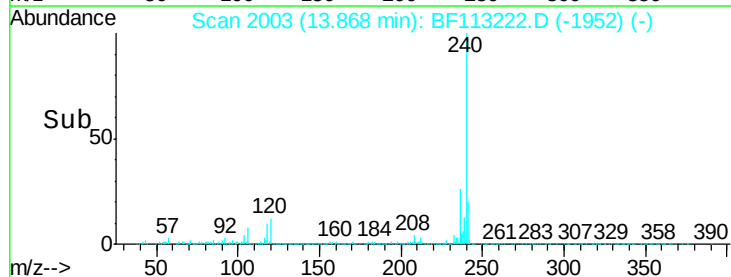
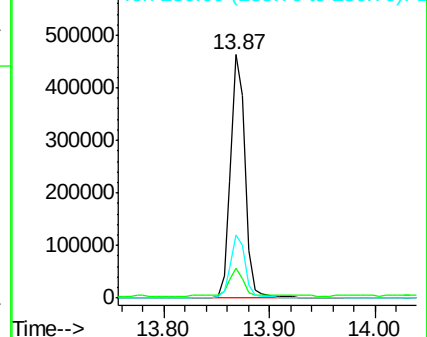
236 25.9 20.7 31.1

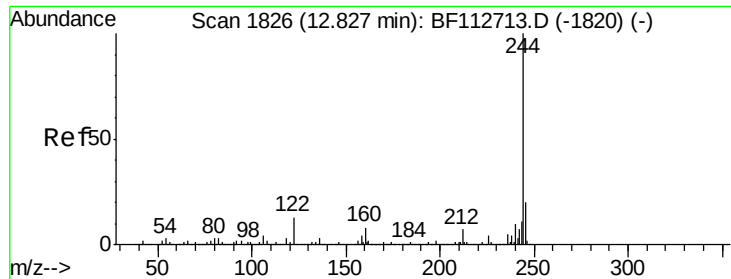


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.668 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

Instrument :

BNA_F

ClientSampleId :

SB-19(7.5-8.5)

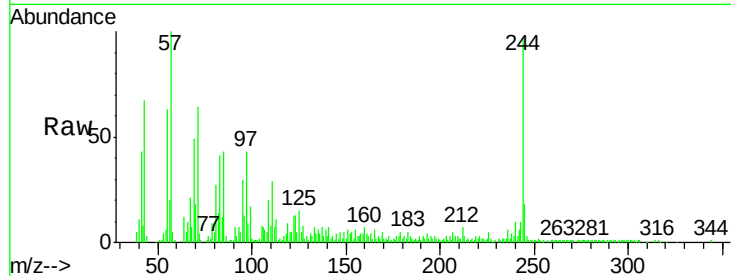
Tgt Ion:244 Resp: 60722

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

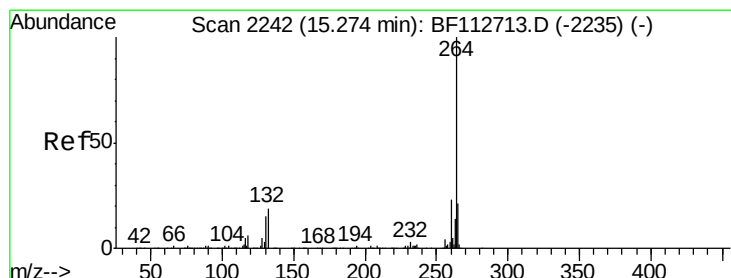
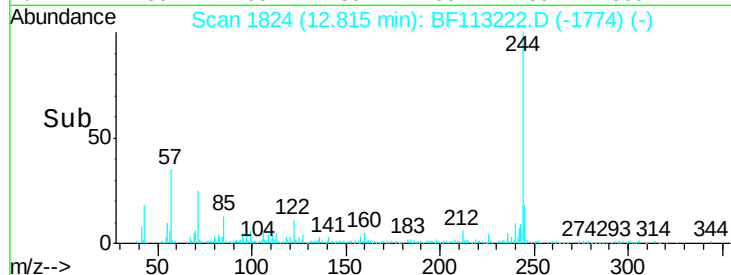
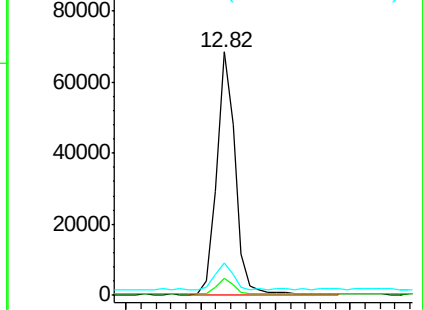
122 13.4 10.5 15.7



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: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF113222.D

Acq: 21 Mar 2019 21:41

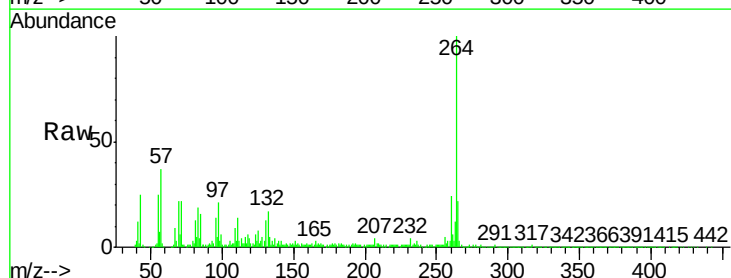
Tgt Ion:264 Resp: 332275

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 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

