

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113440.D
 Acq On : 30 Mar 2019 4:59
 Operator : JU/SJ
 Sample : K2138-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Quant Time: Mar 30 06:21:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	141283	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	520341	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	230140	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	403580	20.00	ng	0.00
76) Chrysene-d12	13.85	240	421920	20.00	ng	0.00
87) Perylene-d12	15.24	264	326362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	852066	98.61	ng	0.02
7) Phenol-d6	6.36	99	989932	90.56	ng	0.00
23) Nitrobenzene-d5	7.27	82	712627	81.29	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	328139	115.43	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1332323	92.24	ng	0.00
79) Terphenyl-d14	12.79	244	1324113	69.17	ng	0.00

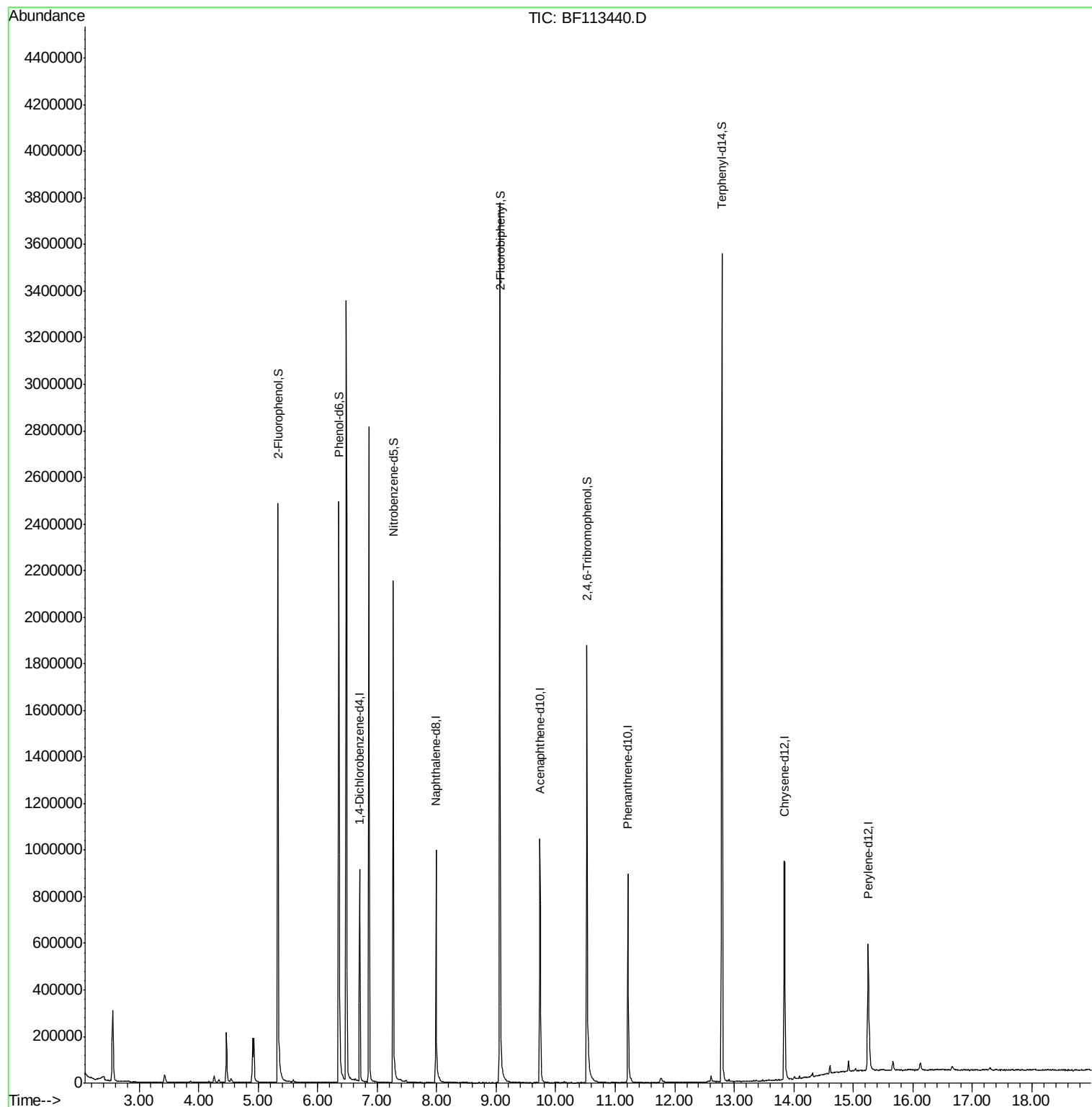
Target Compounds Qvalue

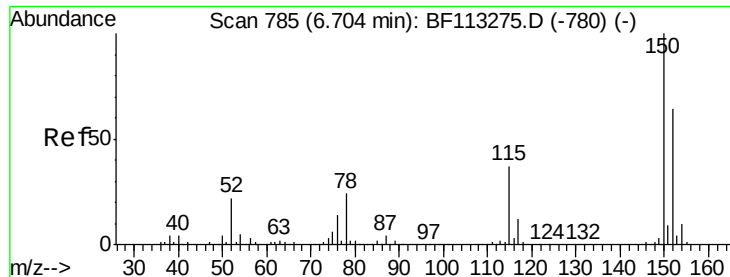
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

S6A(2-10)COMP

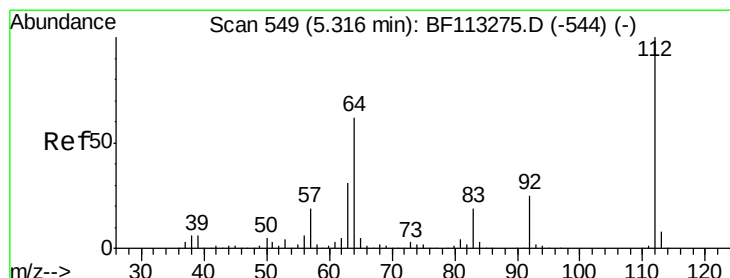
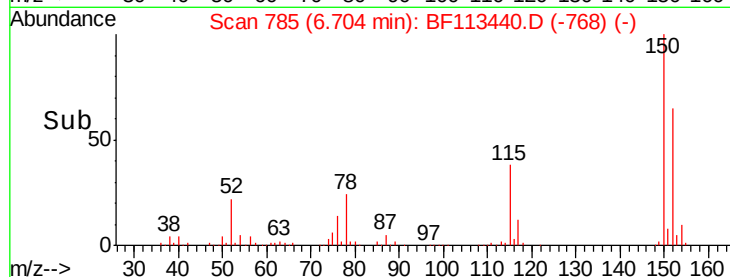
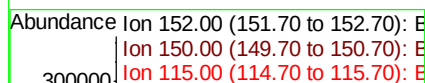
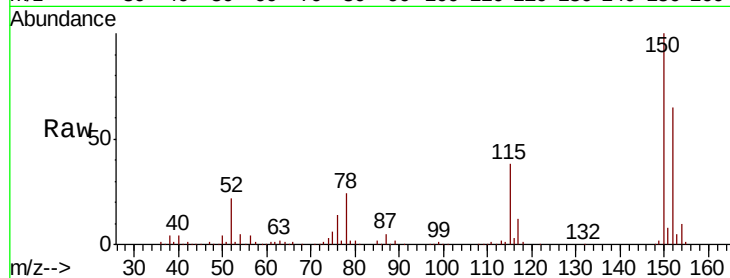
Tot Ion:152 Resp: 141283

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

115 58.3 46.0 69.0



#5

2-Fluorophenol

Concen: 98.613 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

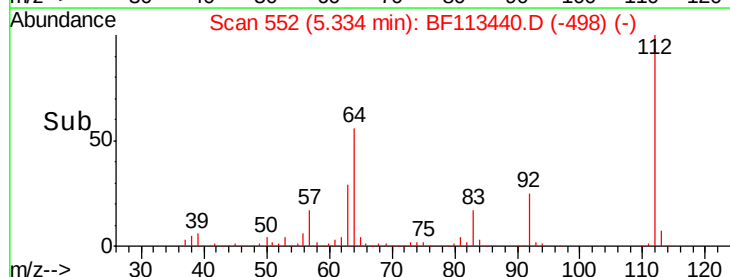
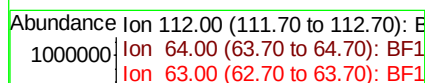
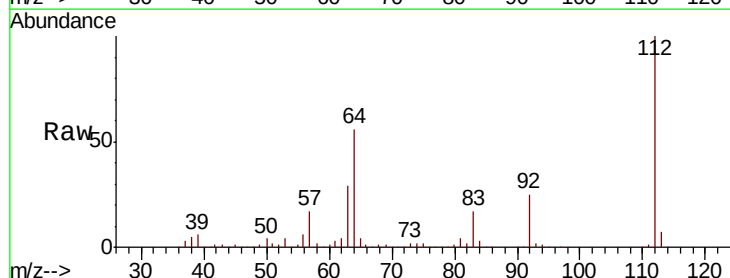
Tgt Ion:112 Resp: 852066

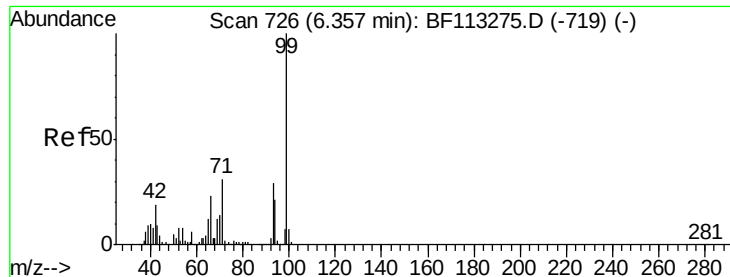
Ion Ratio Lower Upper

112 100

64 56.1 49.2 73.8

63 28.5 24.9 37.3





#7

Phenol-d6

Concen: 90.564 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

S6A(2-10)COMP

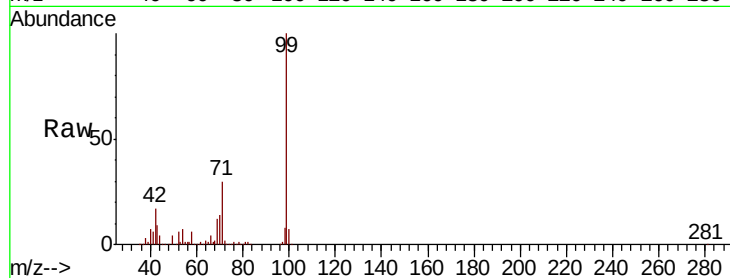
Tot Ion: 99 Resp: 989932

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

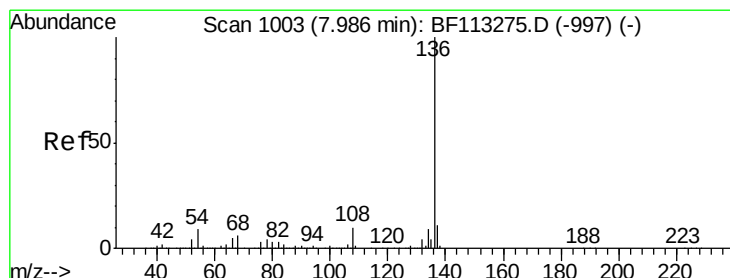
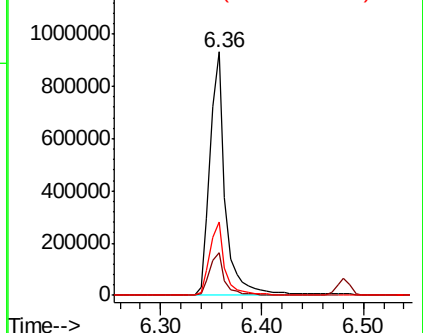
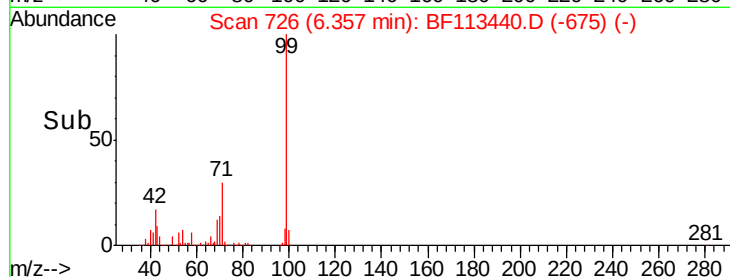
71 30.3 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Tgt Ion: 136 Resp: 520341

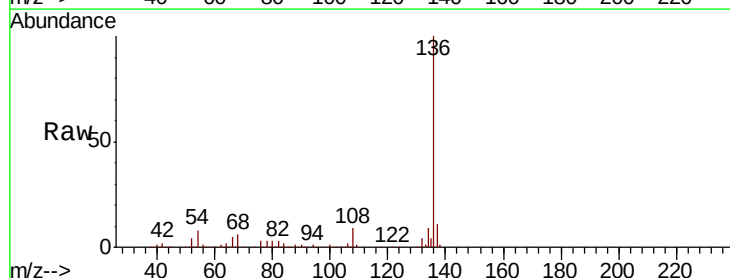
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 7.0 10.6

68 6.2 4.8 7.2

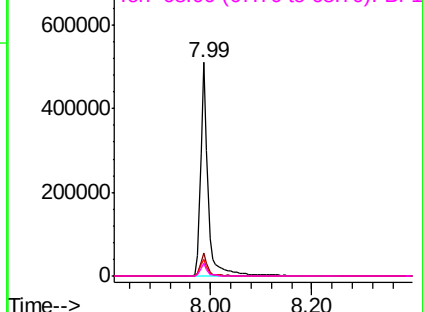
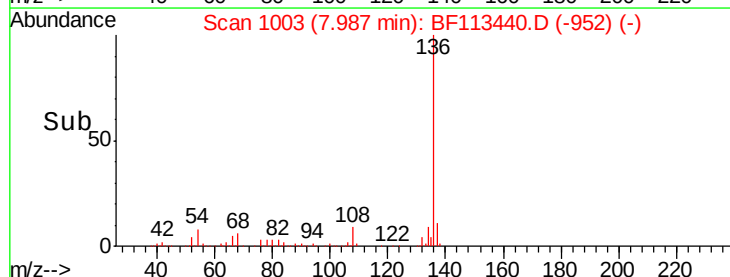


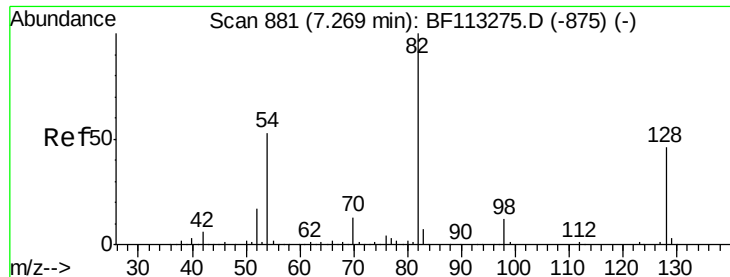
Abundance Ion 136.00 (135.70 to 136.70): E

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

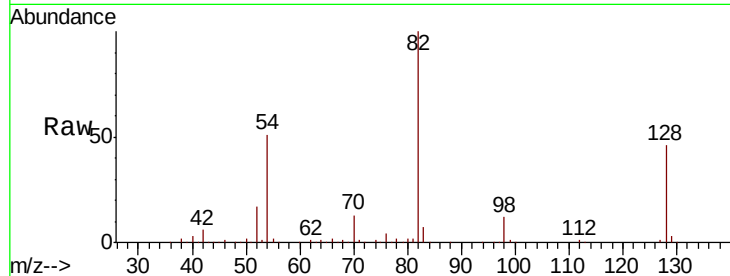




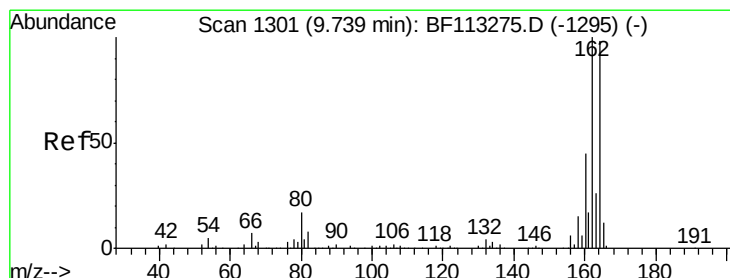
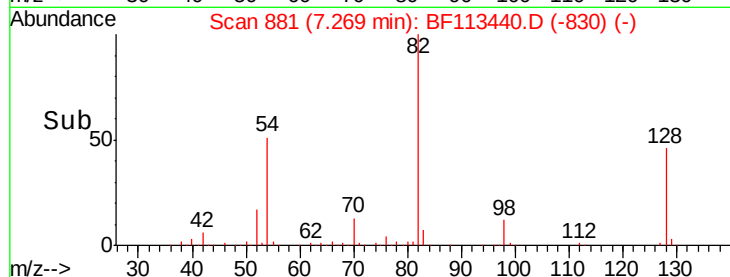
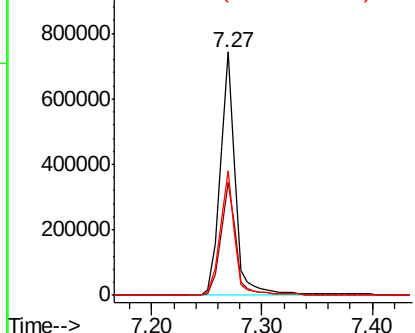
#23
 Nitrobenzene-d5
 Concen: 81.288 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Tot Ion: 82 Resp: 712627
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 51.4 42.2 63.2

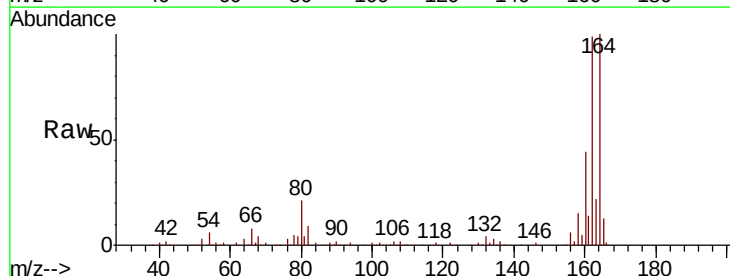


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

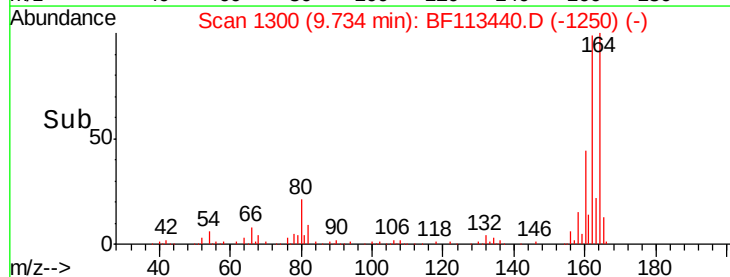
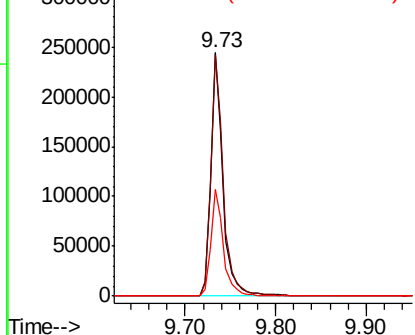


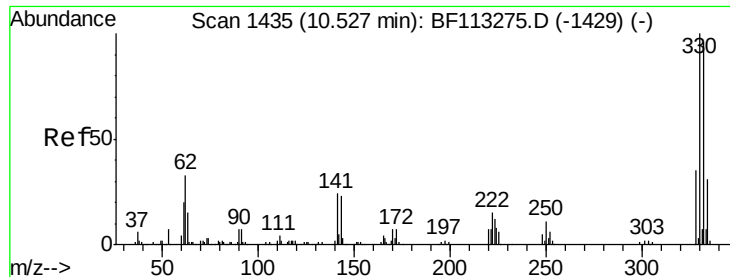
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Tgt Ion:164 Resp: 230140
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.8 122.6
 160 43.8 36.4 54.6



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

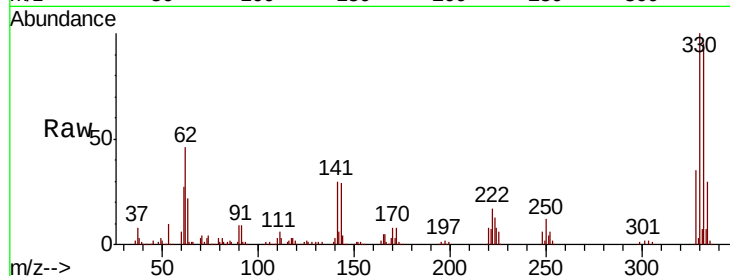




#42
 2,4,6-Tribromophenol
 Concen: 115.430 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.6
141	26.7	22.7	34.1

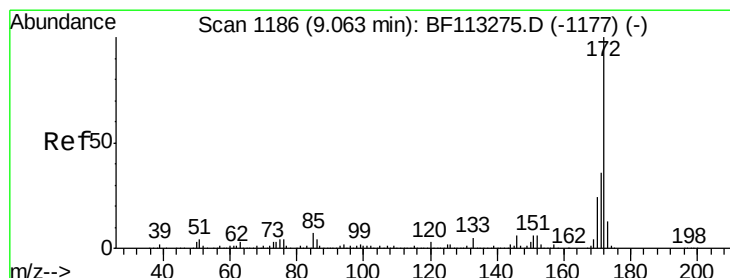
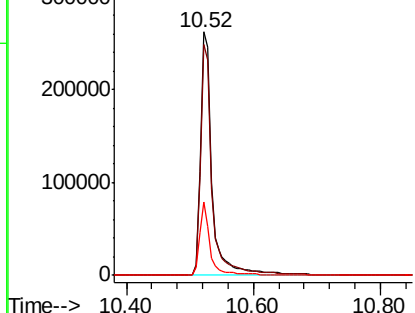
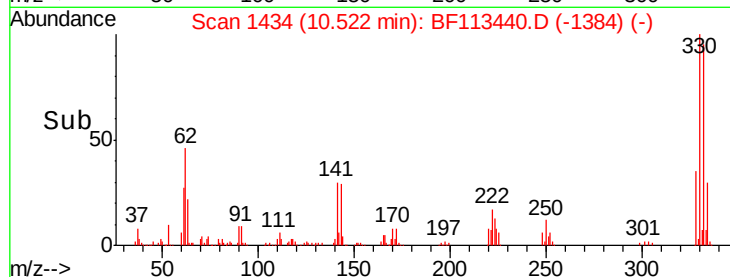


Abundance

Ion 329.80 (329.50 to 330.50): E

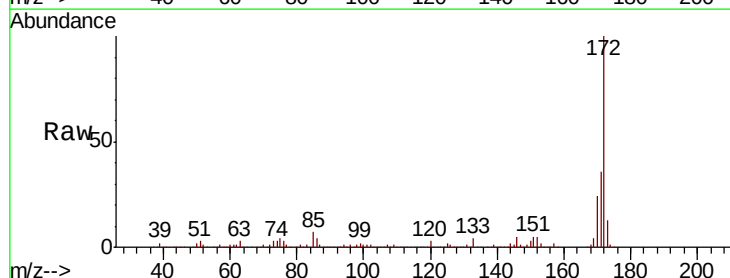
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.239 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.5	29.3

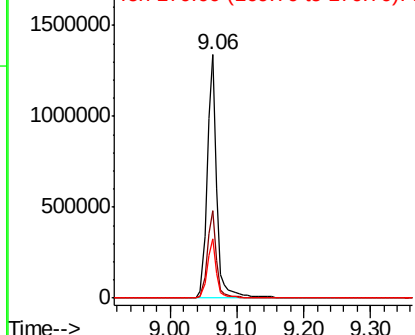
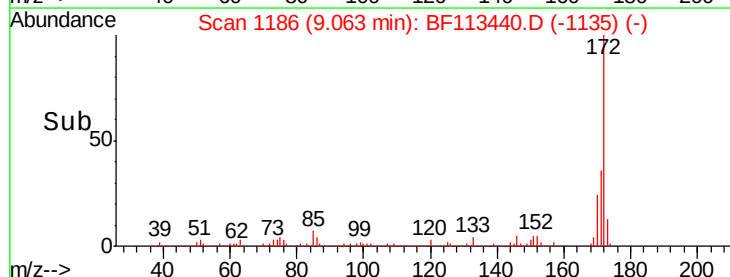


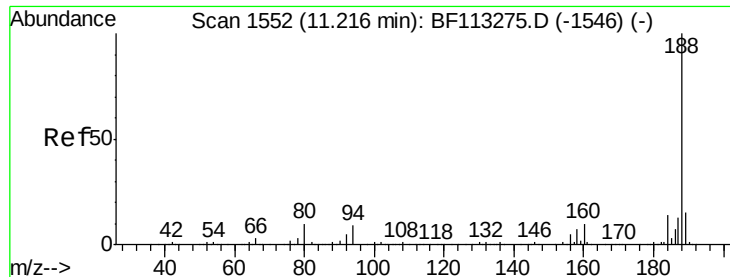
Abundance

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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

Instrument :

BNA_F

ClientSampleId :

S6A(2-10)COMP

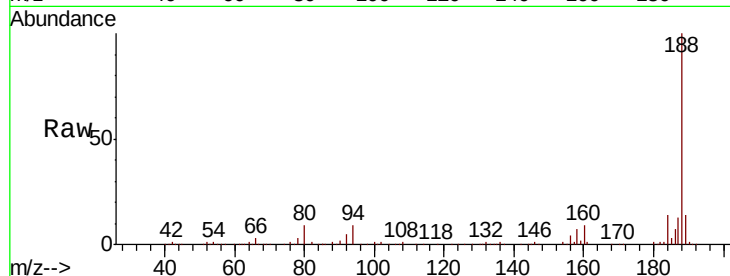
Tot Ion:188 Resp: 403580

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

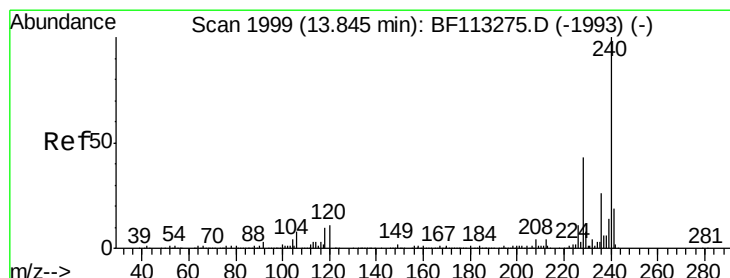
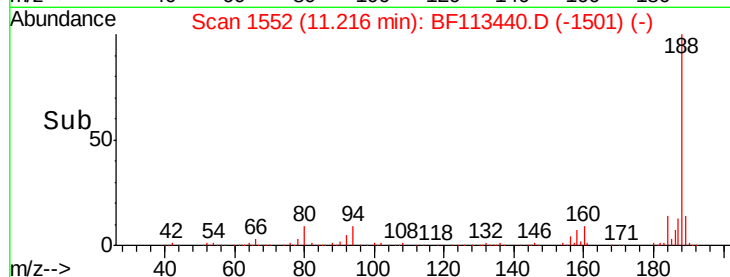
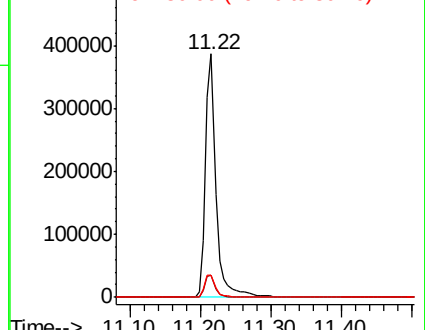
80 9.0 7.7 11.5



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: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113440.D

Acq: 30 Mar 2019 4:59

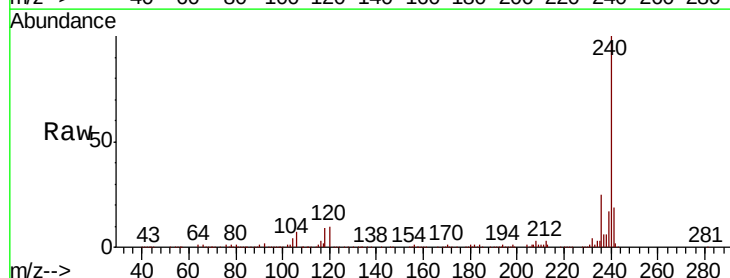
Tgt Ion:240 Resp: 421920

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

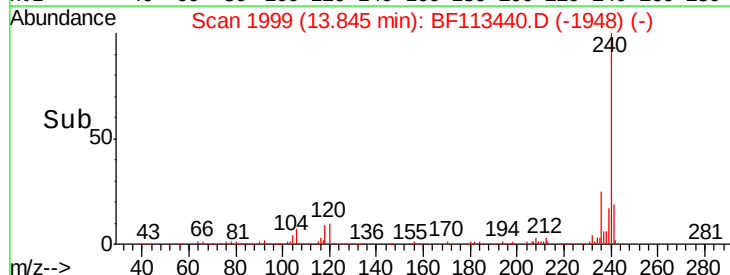
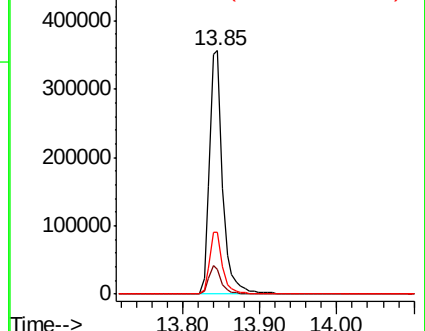
236 25.3 20.9 31.3

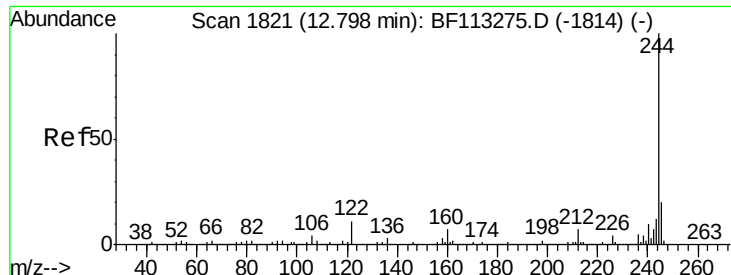


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

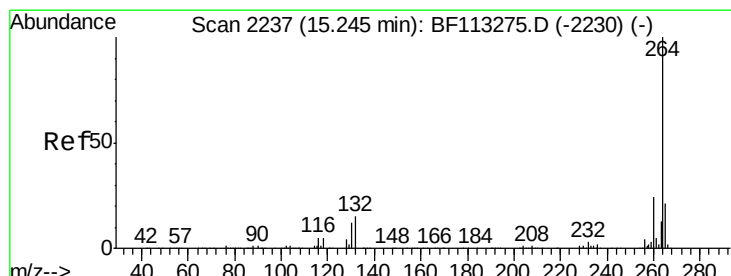
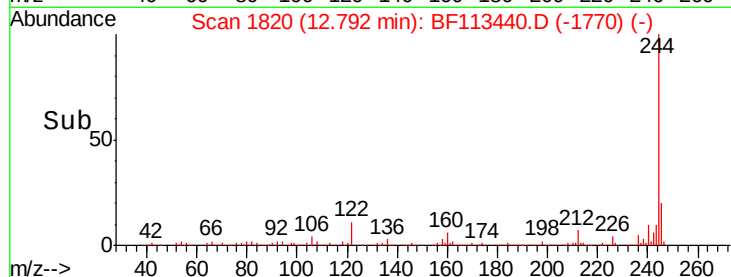
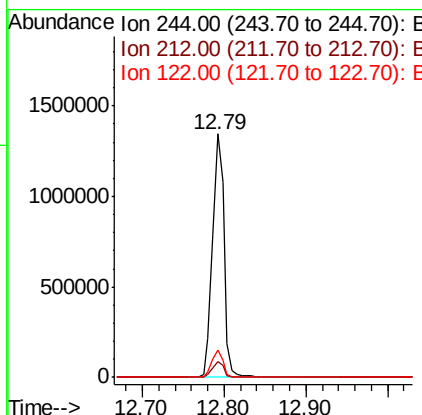
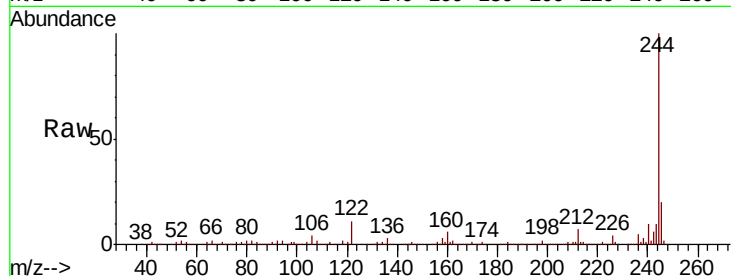




#79
 Terphenyl-d14
 Concen: 69.173 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 S6A(2-10)COMP

Tot Ion:244 Resp: 1324113
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.3 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113440.D
 Acq: 30 Mar 2019 4:59

Tgt Ion:264 Resp: 326362
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.9 17.1 25.7

