

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113258.D
 Acq On : 23 Mar 2019 14:05
 Operator : JU/SJ
 Sample : K1933-05DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Quant Time: Mar 23 23:09:25 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

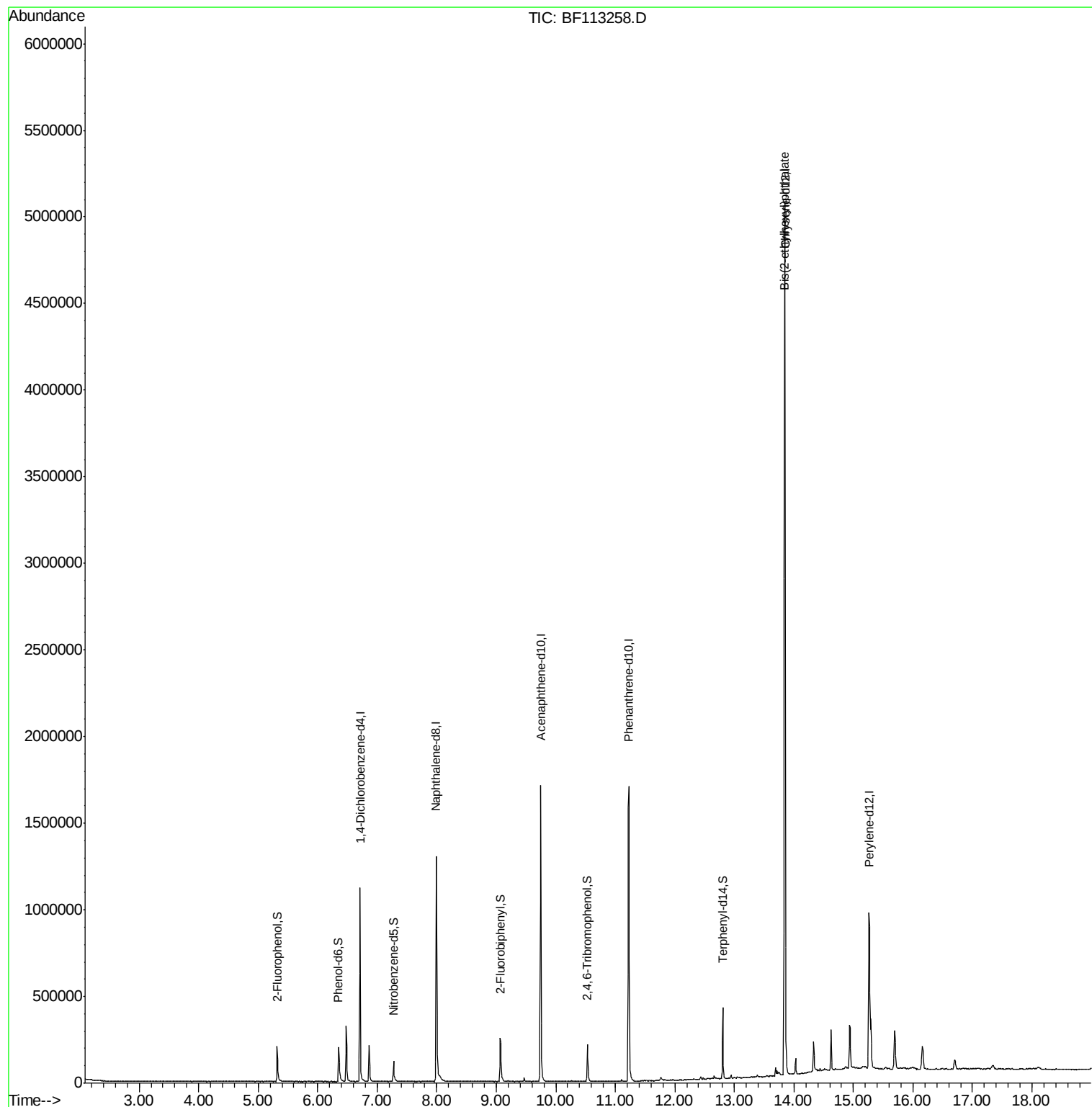
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	180127	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	765714	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	375823	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	768661	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	510512	20.00	ng	-0.01
87) Perylene-d12	15.26	264	463588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	75756	6.54	ng	-0.02
7) Phenol-d6	6.35	99	108297	7.45	ng	-0.02
23) Nitrobenzene-d5	7.27	82	60356	4.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	33917	8.50	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	124137	2.97	ng	-0.02
79) Terphenyl-d14	12.80	244	145538	5.53	ng	-0.02
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	13.84	149	1382058	62.025	ng	99

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

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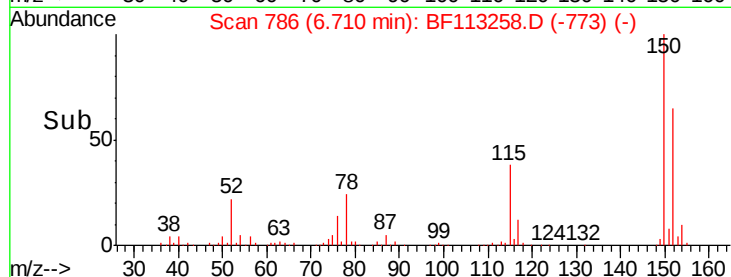
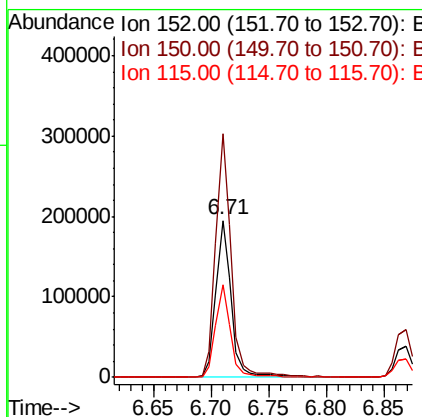
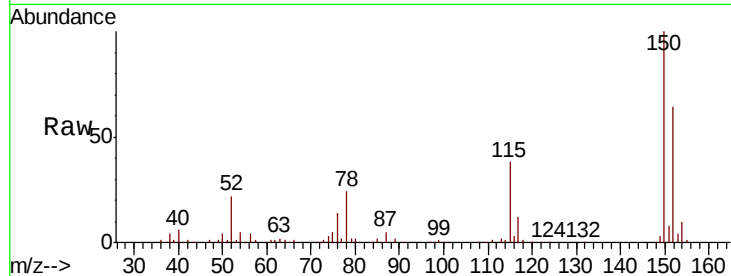


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

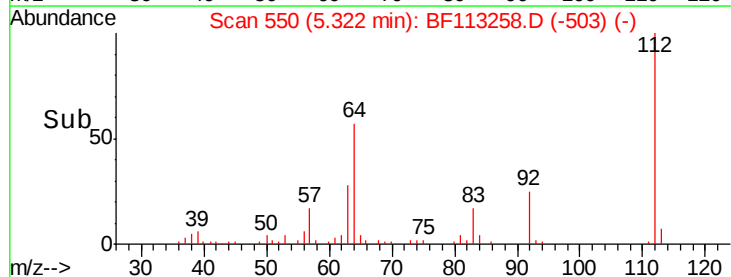
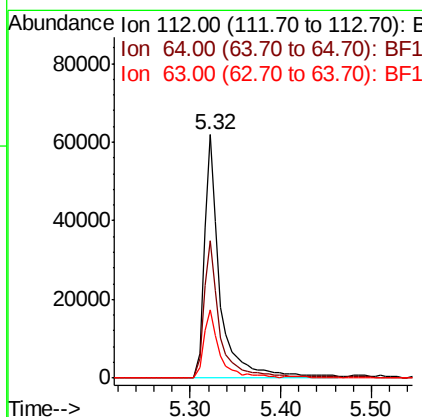
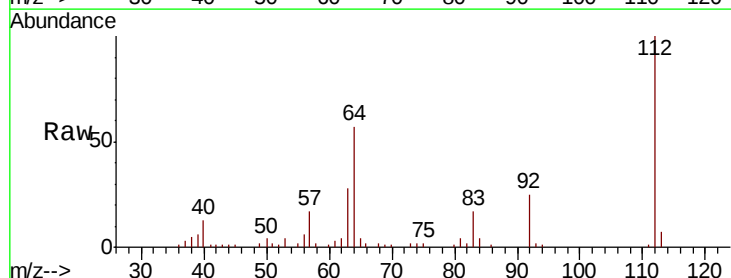
Tot Ion:152 Resp: 180127
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.2 186.2
 115 58.9 48.2 72.4

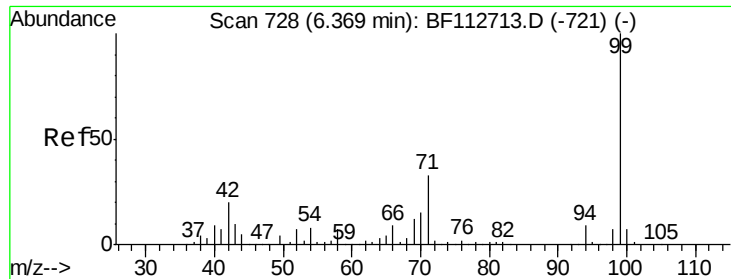


#5

2-Fluorophenol
 Concen: 6.542 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Tgt Ion:112 Resp: 75756
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 27.9 24.4 36.6





#7

Phenol-d6

Concen: 7.445 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Instrument :

BNA_F

ClientSampleId :

S-5DL

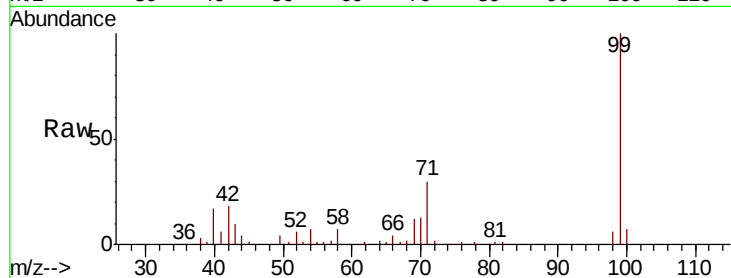
Tot Ion: 99 Resp: 108297

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

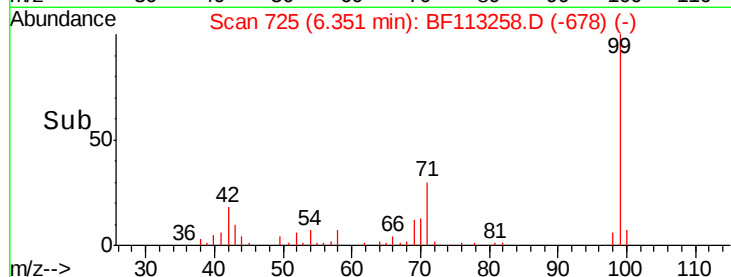
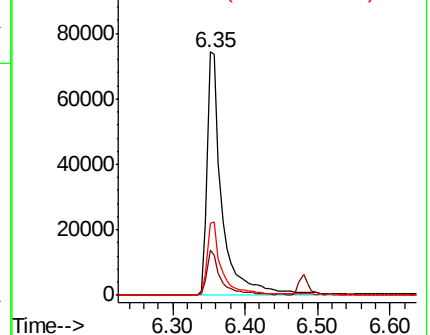
71 29.7 26.2 39.4



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: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Tgt Ion: 136 Resp: 765714

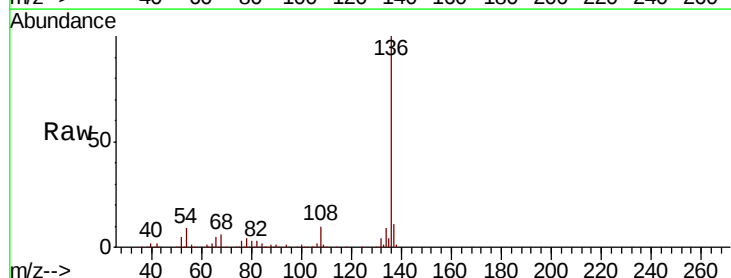
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.8 7.3 10.9

68 6.3 5.4 8.2

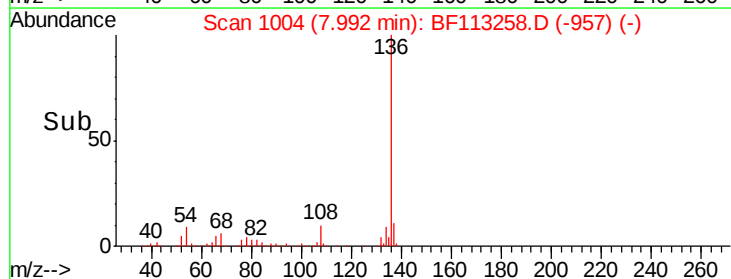
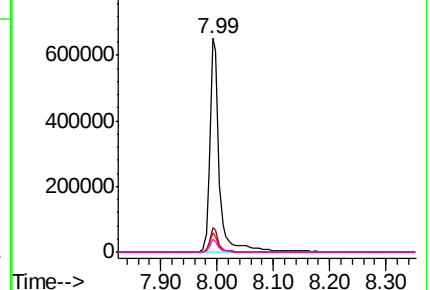


Abundance Ion 136.00 (135.70 to 136.70): E

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

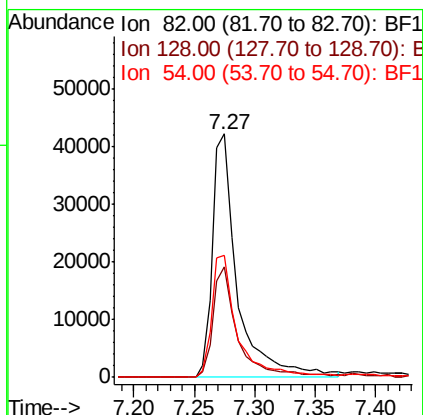
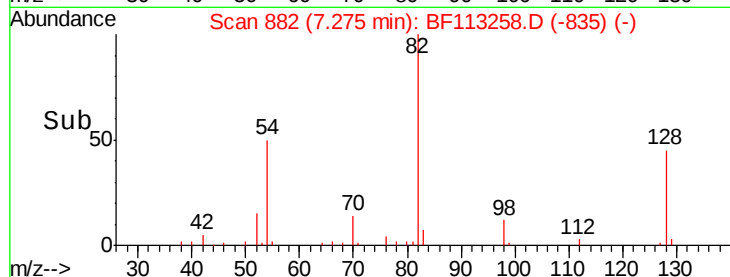
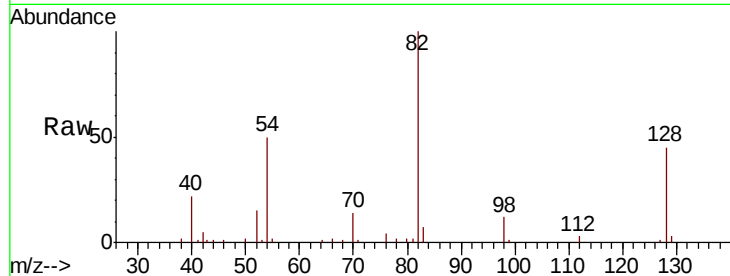




#23
Nitrobenzene-d5
Concen: 4.717 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

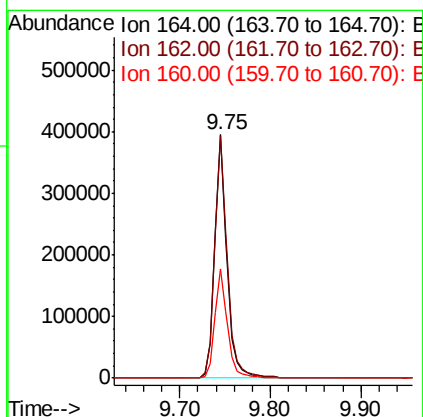
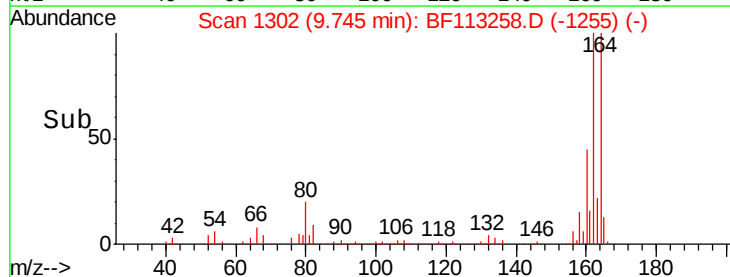
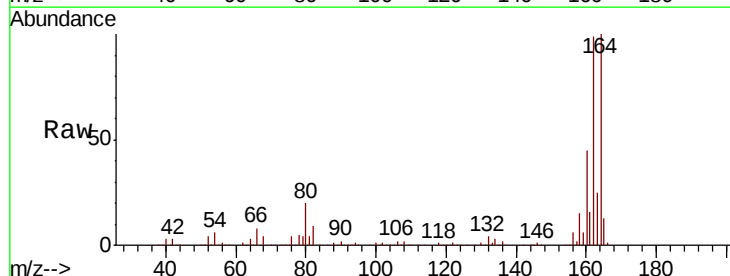
Instrument :
BNA_F
ClientSampleId :
S-5DL

Tot Ion: 82 Resp: 60356
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 50.2 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Tgt Ion: 164 Resp: 375823
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.7 36.0 54.0

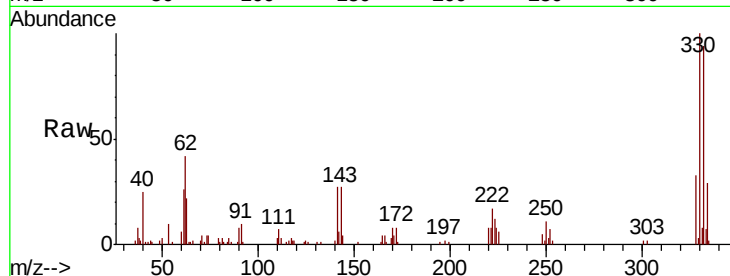




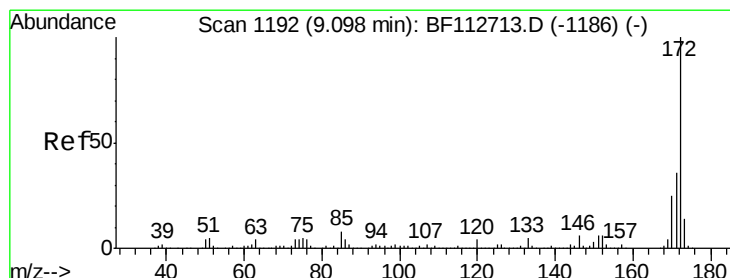
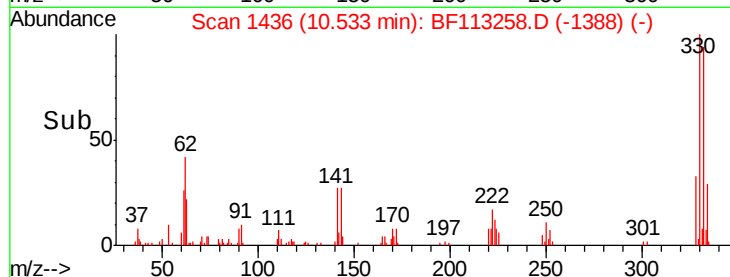
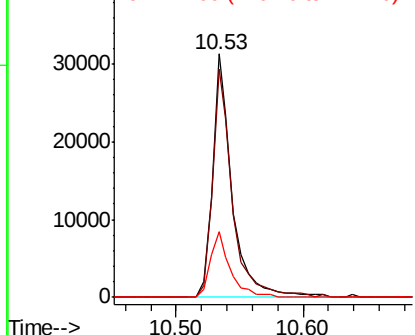
#42
 2,4,6-Tribromophenol
 Concen: 8.501 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :
 S-5DL

Tot Ion:330 Resp: 33917
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 27.5 27.0 40.6

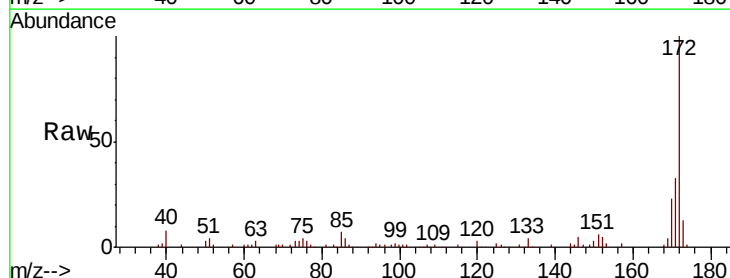


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

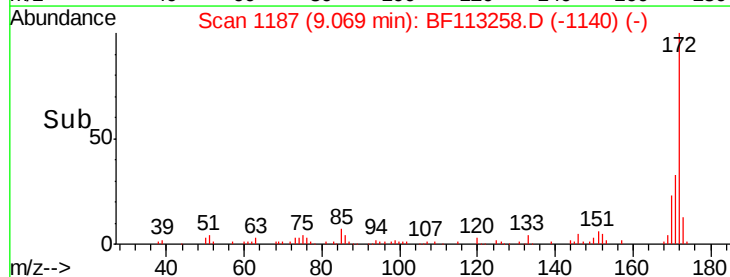
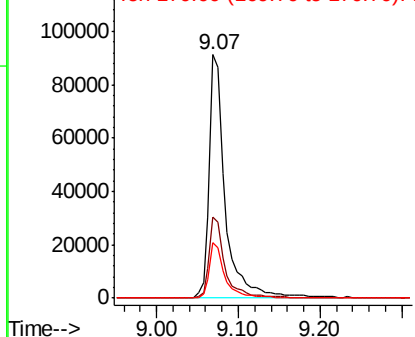


#45
 2-Fluorobiphenyl
 Concen: 2.970 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF113258.D
 Acq: 23 Mar 2019 14:05

Tgt Ion:172 Resp: 124137
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.0 43.4
 170 22.6 20.0 30.0



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: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Instrument :

BNA_F

ClientSampleId :

S-5DL

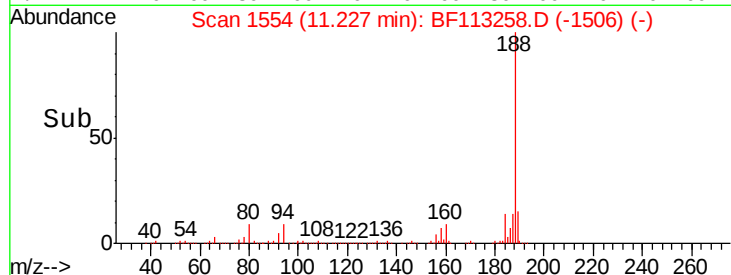
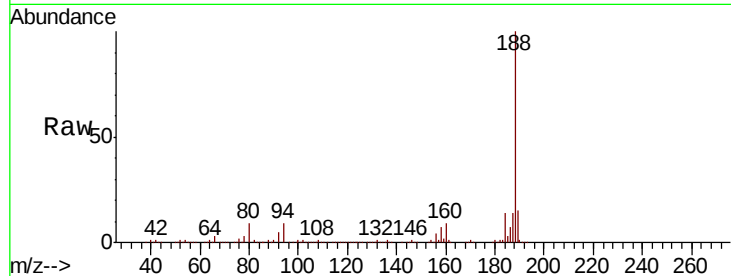
Tot Ion:188 Resp: 768661

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

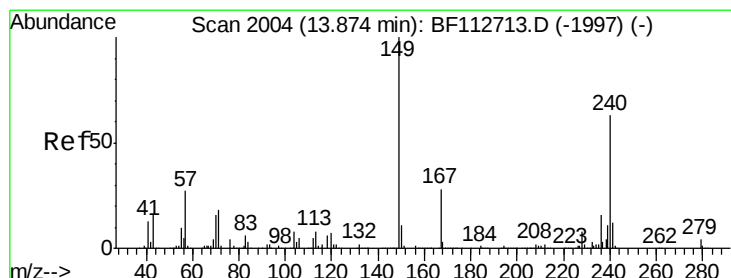
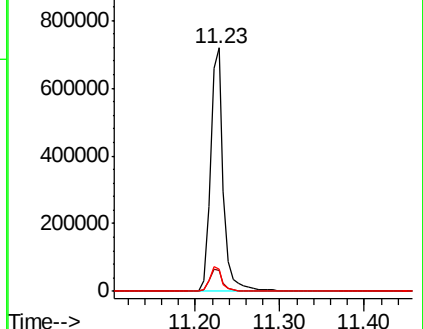
80 9.0 9.2 13.8#



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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

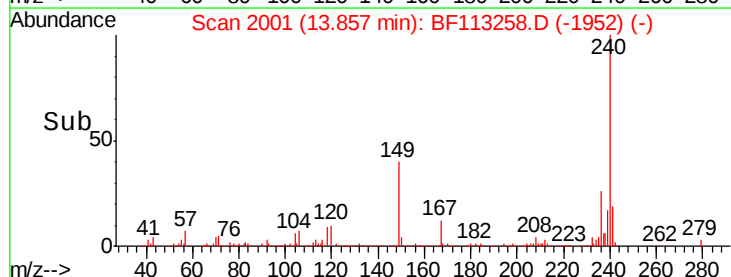
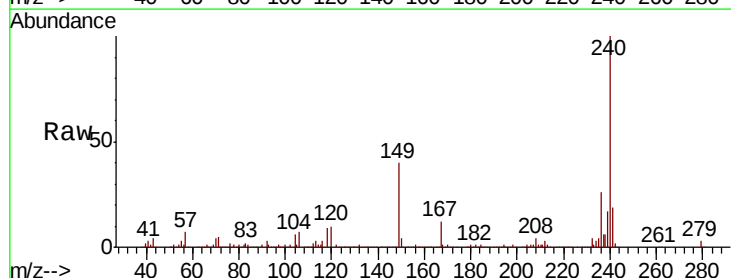
Tgt Ion:240 Resp: 510512

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

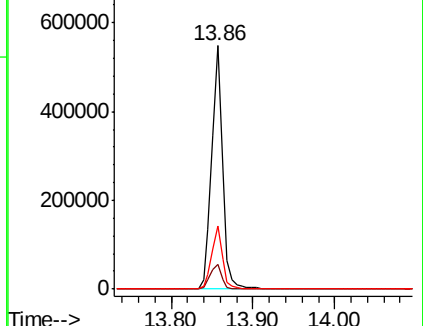
236 26.0 20.7 31.1

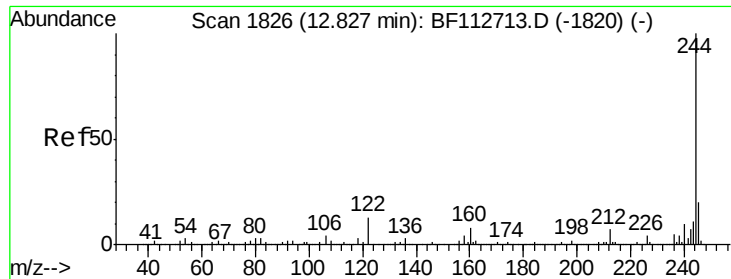


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 5.526 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

Instrument :

BNA_F

ClientSampleId :

S-5DL

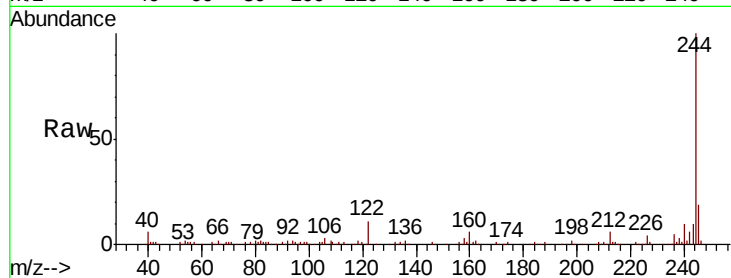
Tot Ion:244 Resp: 145538

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

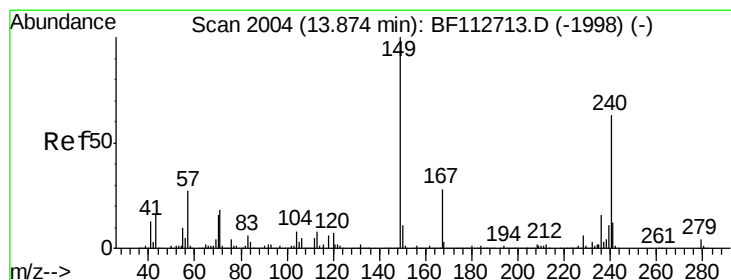
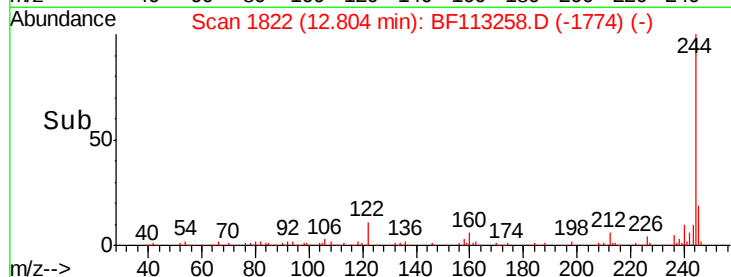
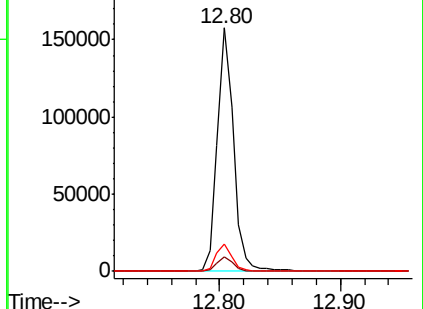
122 11.0 10.5 15.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.025 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF113258.D

Acq: 23 Mar 2019 14:05

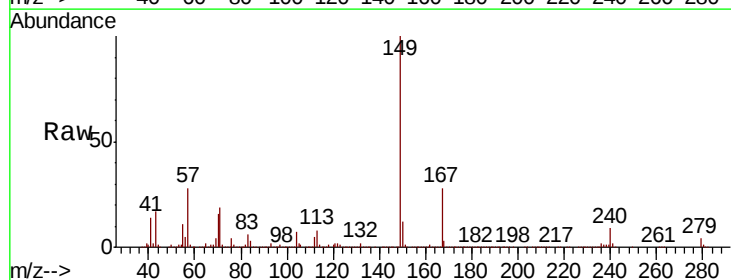
Tgt Ion:149 Resp: 1382058

Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

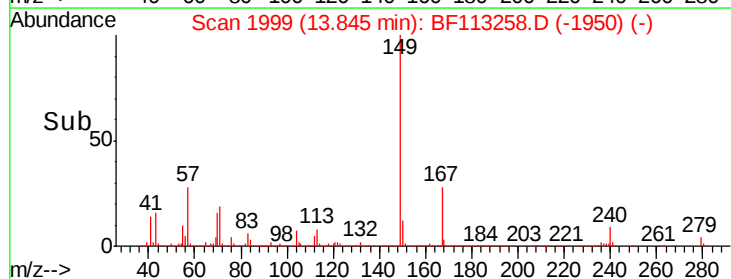
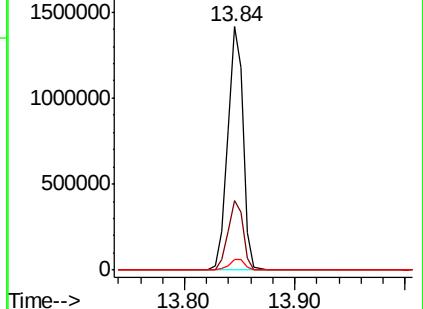
279 4.2 3.3 4.9

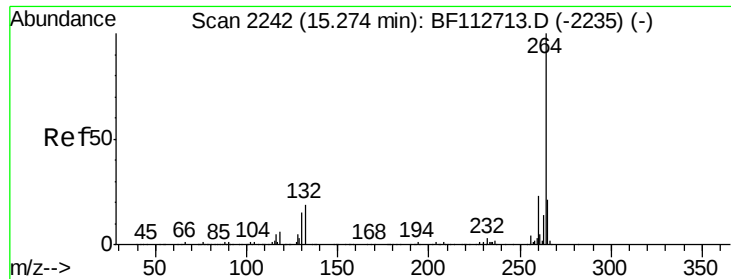


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113258.D
Acq: 23 Mar 2019 14:05

Instrument :
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ClientSampleId :
S-5DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	17.2	25.8

