

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113681.D
 Acq On : 10 Apr 2019 3:05
 Operator : JU/SJ
 Sample : K2338-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SHALLOW

Quant Time: Apr 10 07:29:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104615	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	391806	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	181328	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	337669	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	285734	20.00	ng	-0.02
87) Perylene-d12	15.23	264	277400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	741929	120.93	ng	0.00
7) Phenol-d6	6.33	99	869254	114.96	ng	0.00
23) Nitrobenzene-d5	7.25	82	632811	94.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	304967	140.01	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1171074	103.97	ng	-0.02
79) Terphenyl-d14	12.77	244	1161212	82.74	ng	-0.02

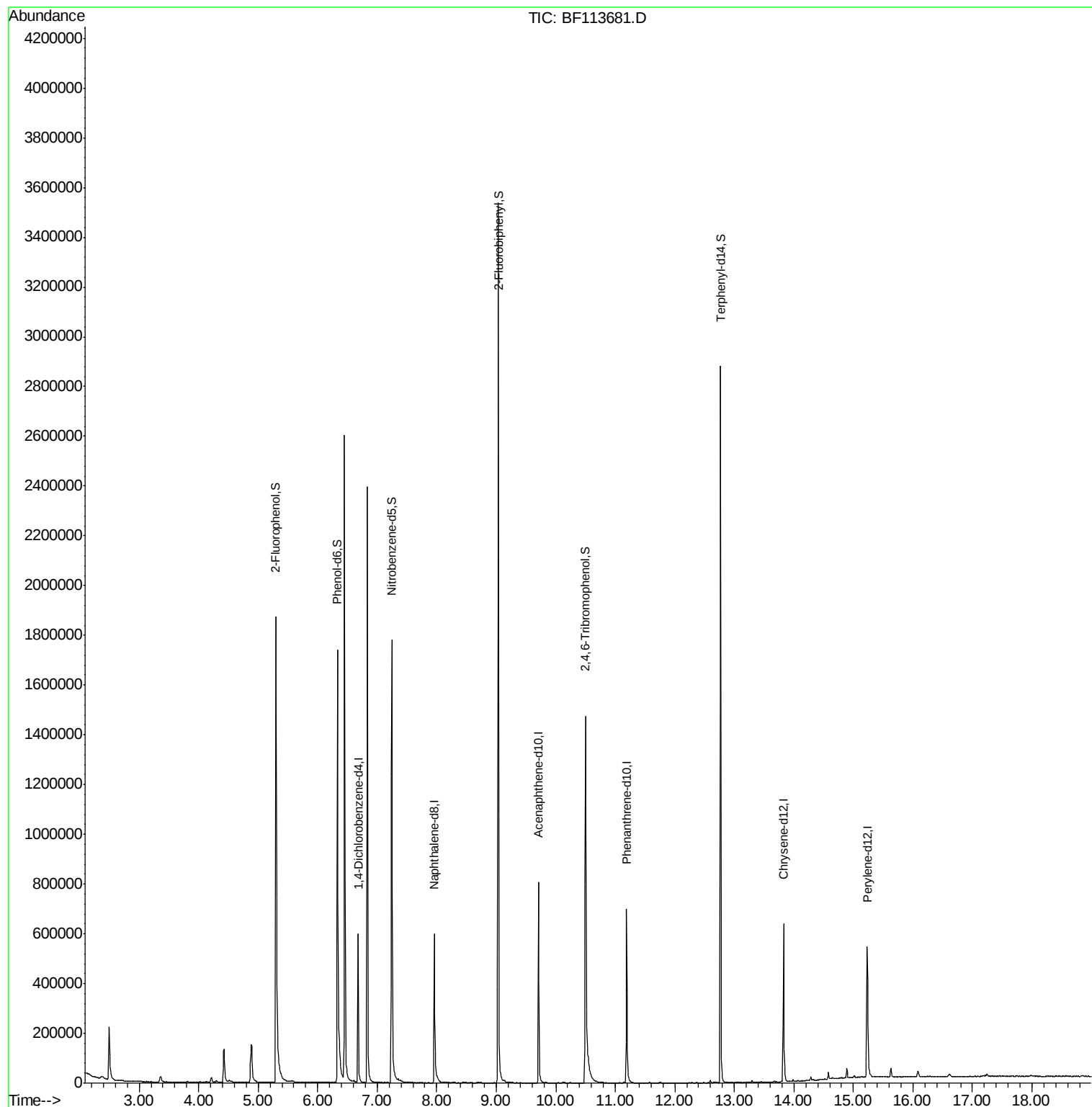
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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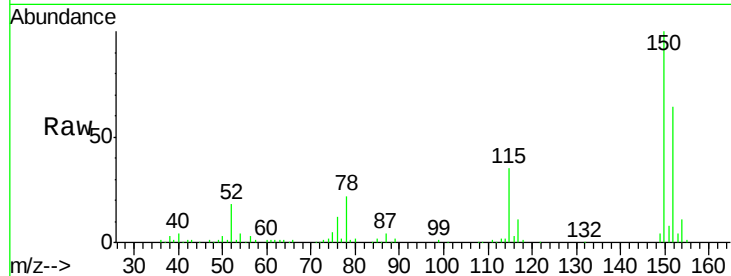


#1

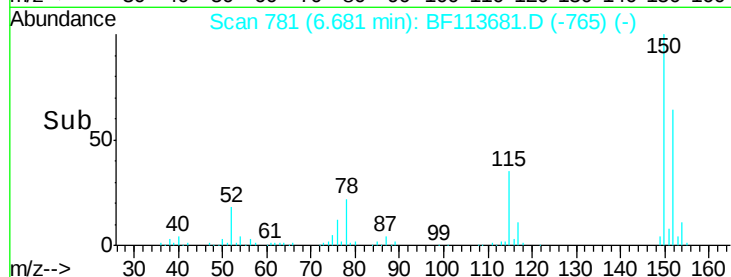
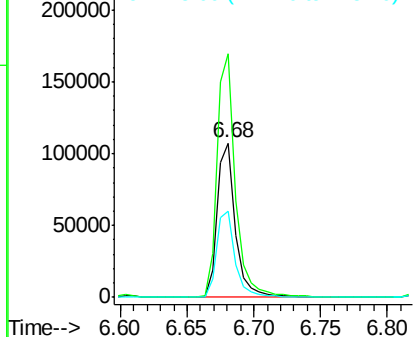
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

Instrument :
BNA_F
ClientSampleId :
TP-2-SHALLOW

Tgt Ion:152 Resp: 104615
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 55.6 46.0 69.0



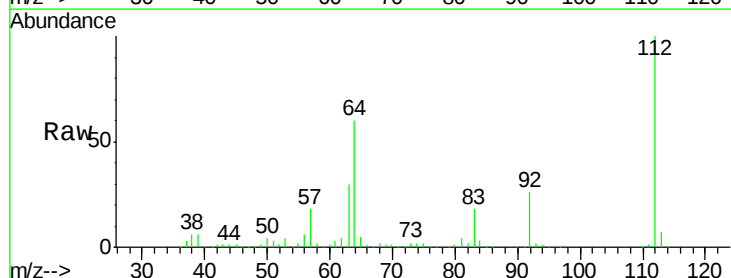
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



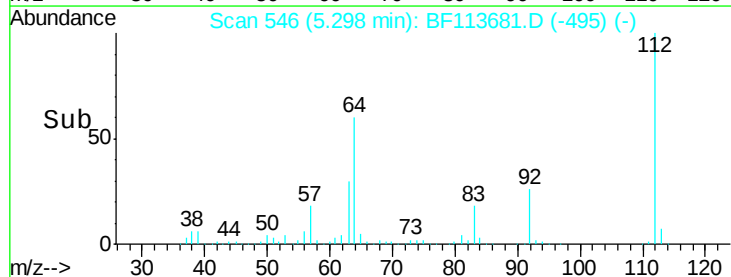
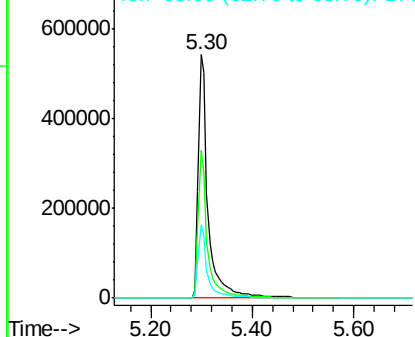
#5

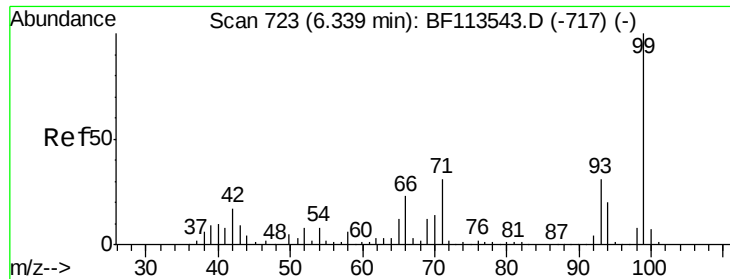
2-Fluorophenol
Concen: 120.935 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

Tgt Ion:112 Resp: 741929
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 30.3 24.9 37.3



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: 114.960 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

TP-2-SHALLOW

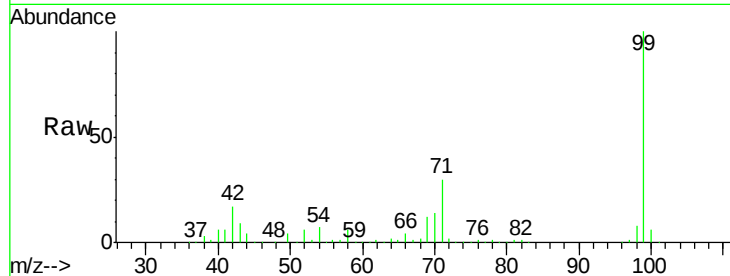
Tgt Ion: 99 Resp: 869254

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

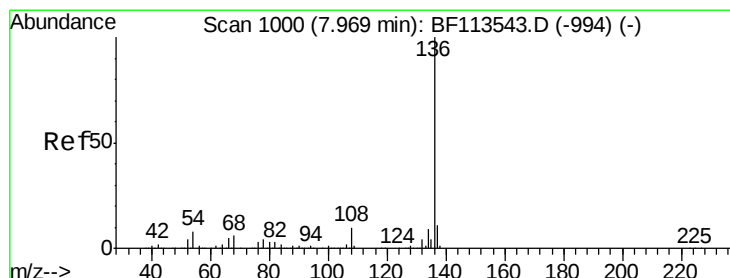
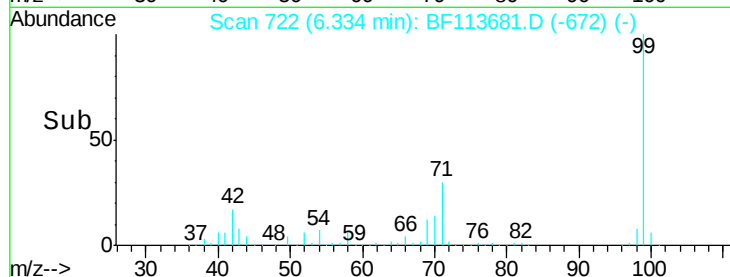
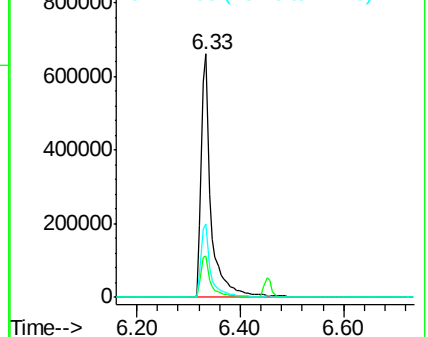
71 30.2 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Tgt Ion: 136 Resp: 391806

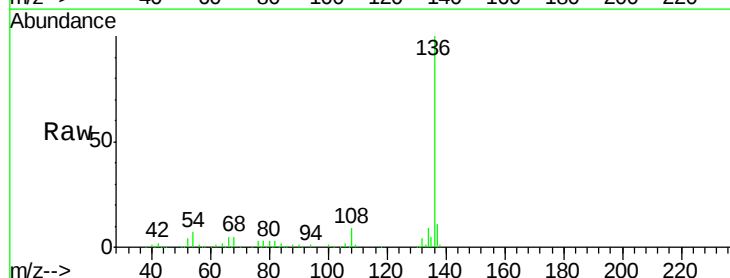
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 7.0 10.6#

68 5.4 4.8 7.2

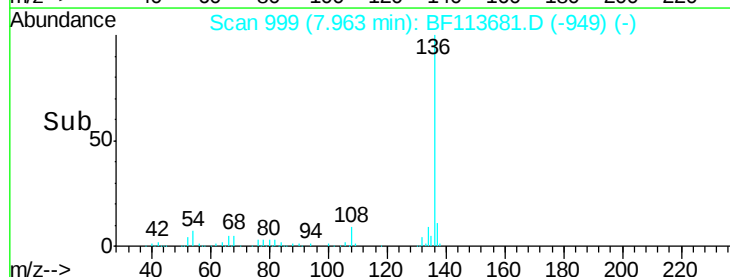
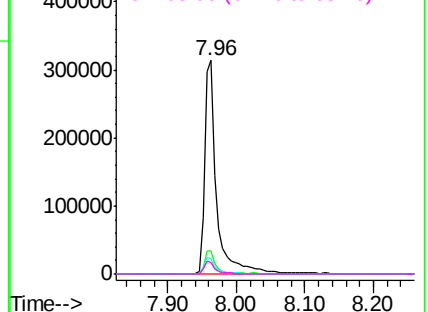


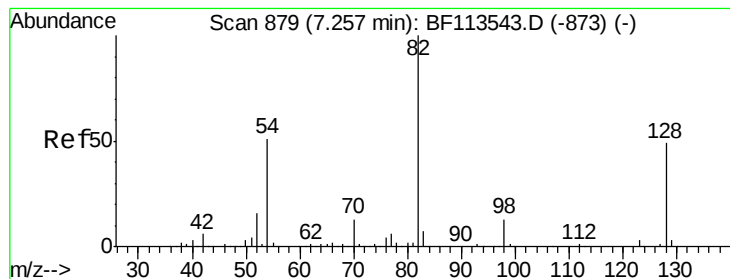
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.606 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

TP-2-SHALLOW

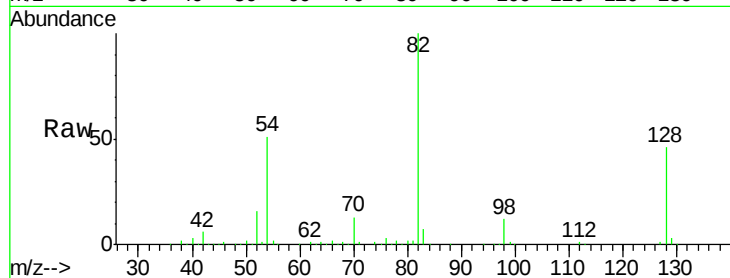
Tgt Ion: 82 Resp: 632811

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

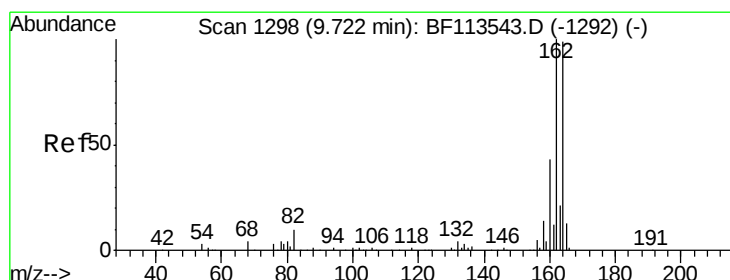
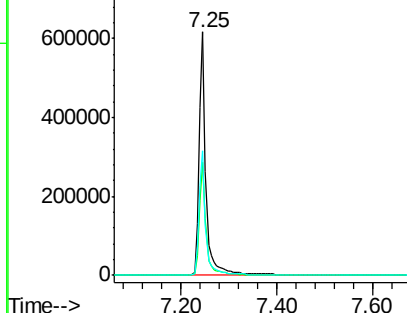
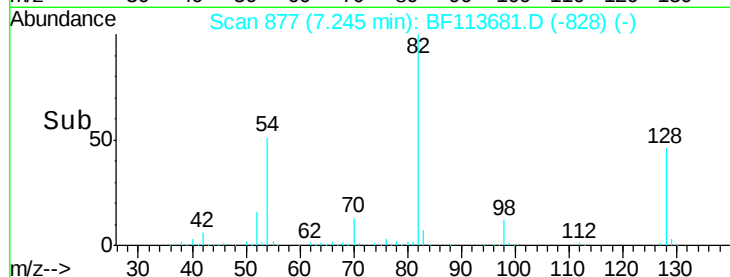
54 51.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

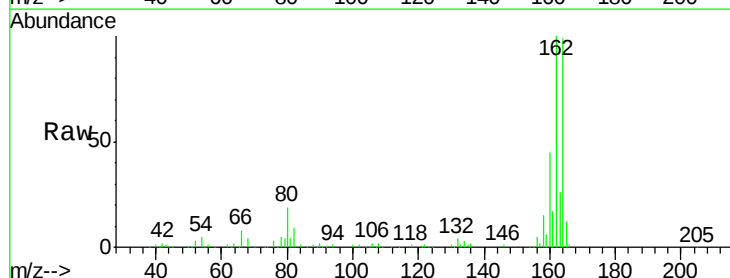
Tgt Ion: 164 Resp: 181328

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

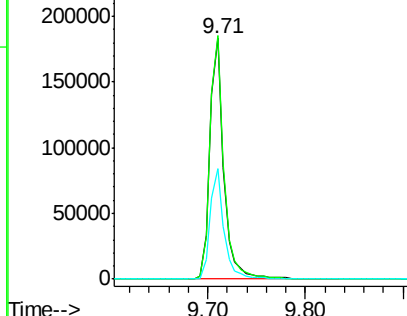
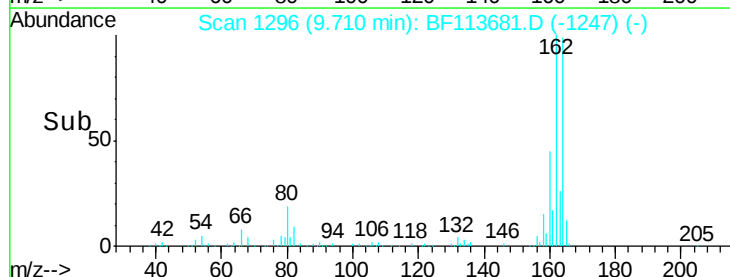
160 45.9 36.4 54.6

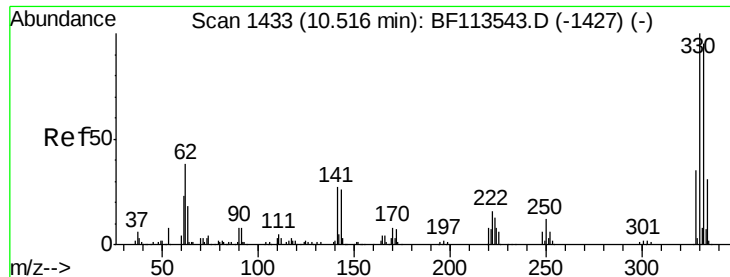


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

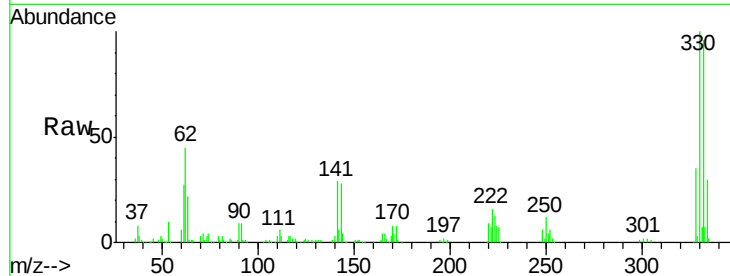




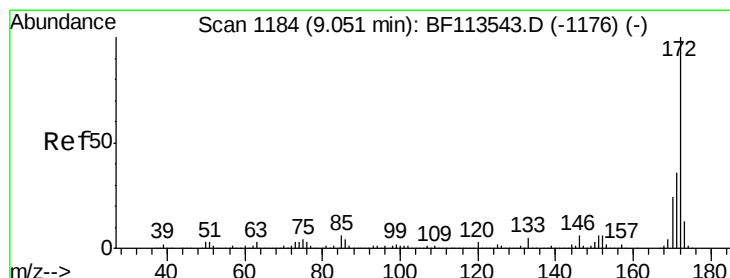
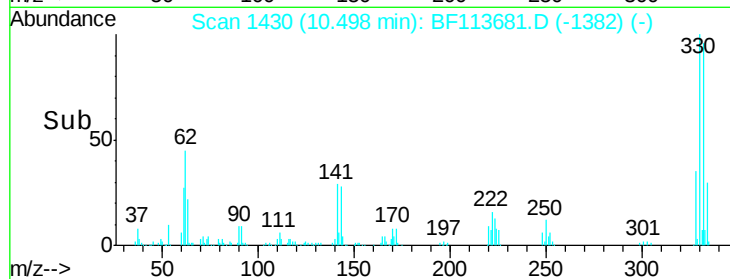
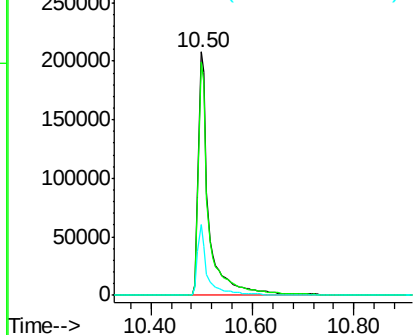
#42
 2,4,6-Tribromophenol
 Concen: 140.009 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-SHALLOW

Tgt Ion:330 Resp: 304967
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.8 116.6
 141 27.3 22.7 34.1

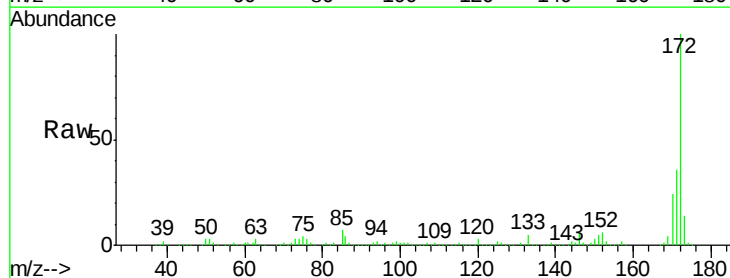


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

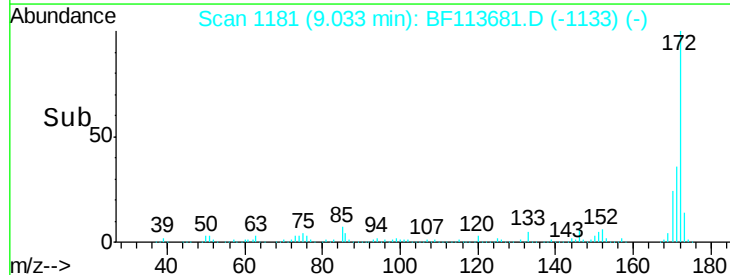
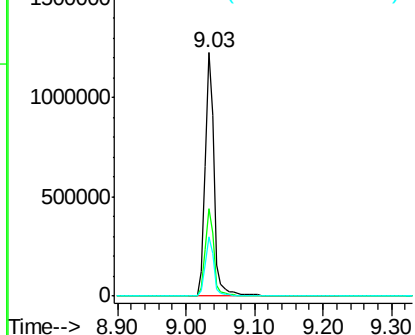


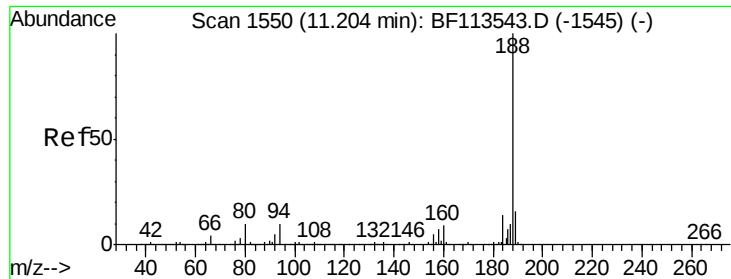
#45
 2-Fluorobiphenyl
 Concen: 103.972 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113681.D
 Acq: 10 Apr 2019 3:05

Tgt Ion:172 Resp: 1171074
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 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

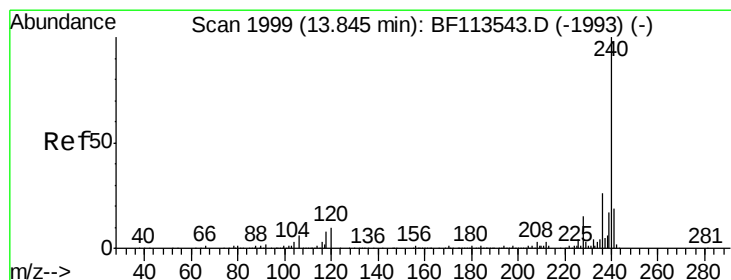
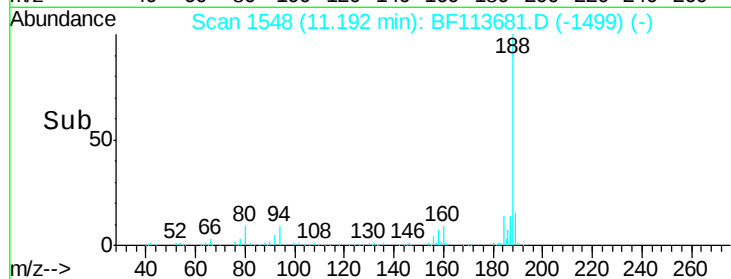
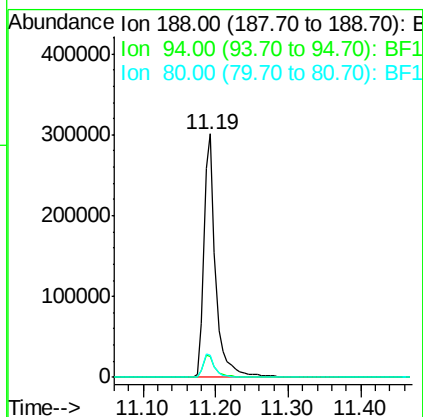
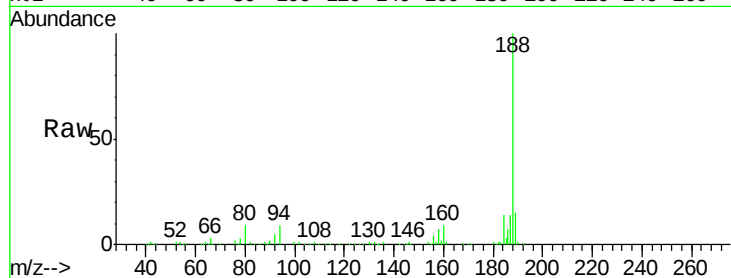




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

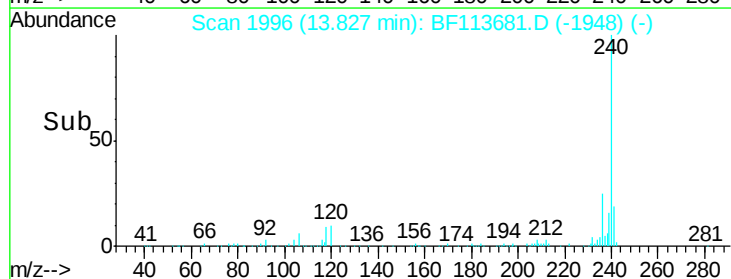
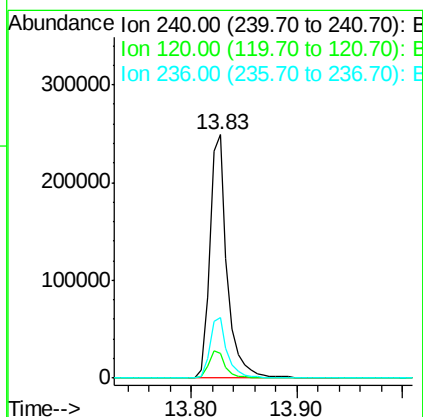
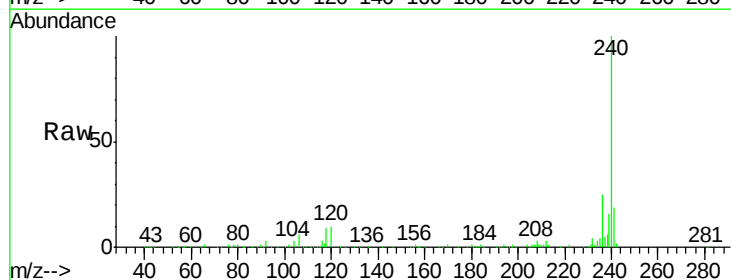
Instrument :
BNA_F
ClientSampleId :
TP-2-SHALLOW

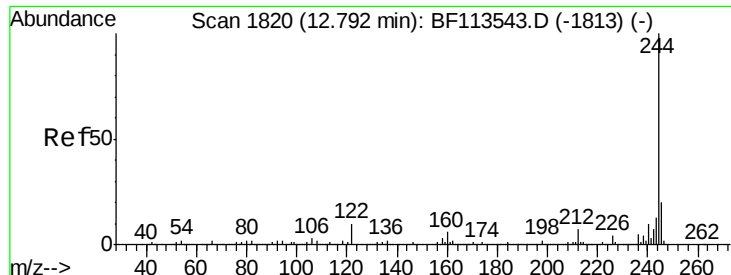
Tgt Ion:188 Resp: 337669
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113681.D
Acq: 10 Apr 2019 3:05

Tgt Ion:240 Resp: 285734
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 24.7 20.9 31.3





#79

Terphenyl-d14

Concen: 82.743 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

Instrument :

BNA_F

ClientSampleId :

TP-2-SHALLOW

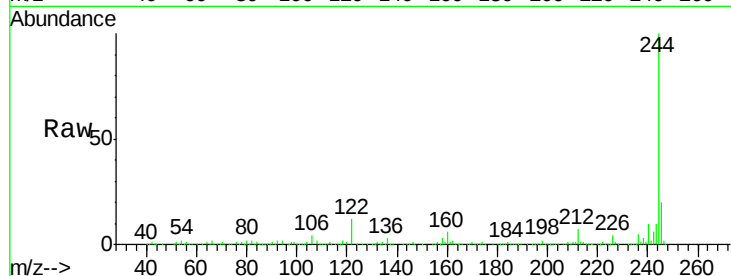
Tgt Ion:244 Resp: 1161212

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

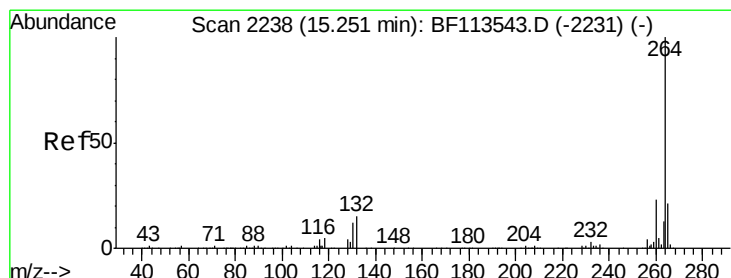
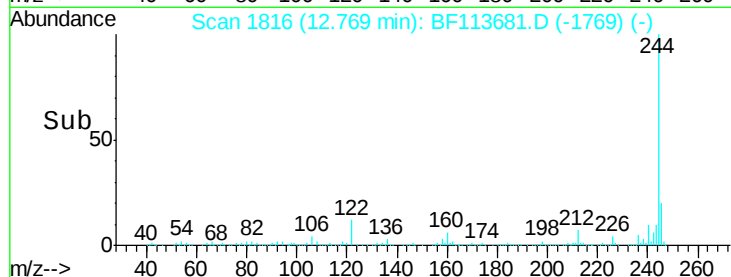
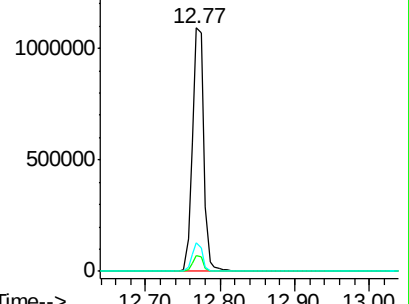
122 11.6 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113681.D

Acq: 10 Apr 2019 3:05

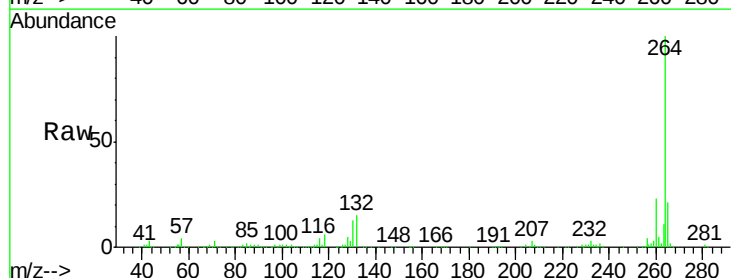
Tgt Ion:264 Resp: 277400

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.4 17.1 25.7



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

