

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113614.D
 Acq On : 5 Apr 2019 10:45
 Operator : JU/SJ
 Sample : PB118551BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Quant Time: Apr 05 14:03:33 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	125922	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	484512	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	240410	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	506283	20.00	ng	0.00
76) Chrysene-d12	13.83	240	437537	20.00	ng	-0.02
87) Perylene-d12	15.23	264	357942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	769622	104.22	ng	0.01
7) Phenol-d6	6.33	99	990315	108.81	ng	0.00
23) Nitrobenzene-d5	7.25	82	603644	72.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	322554	111.69	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1196496	80.12	ng	-0.01
79) Terphenyl-d14	12.78	244	1380287	64.23	ng	-0.01

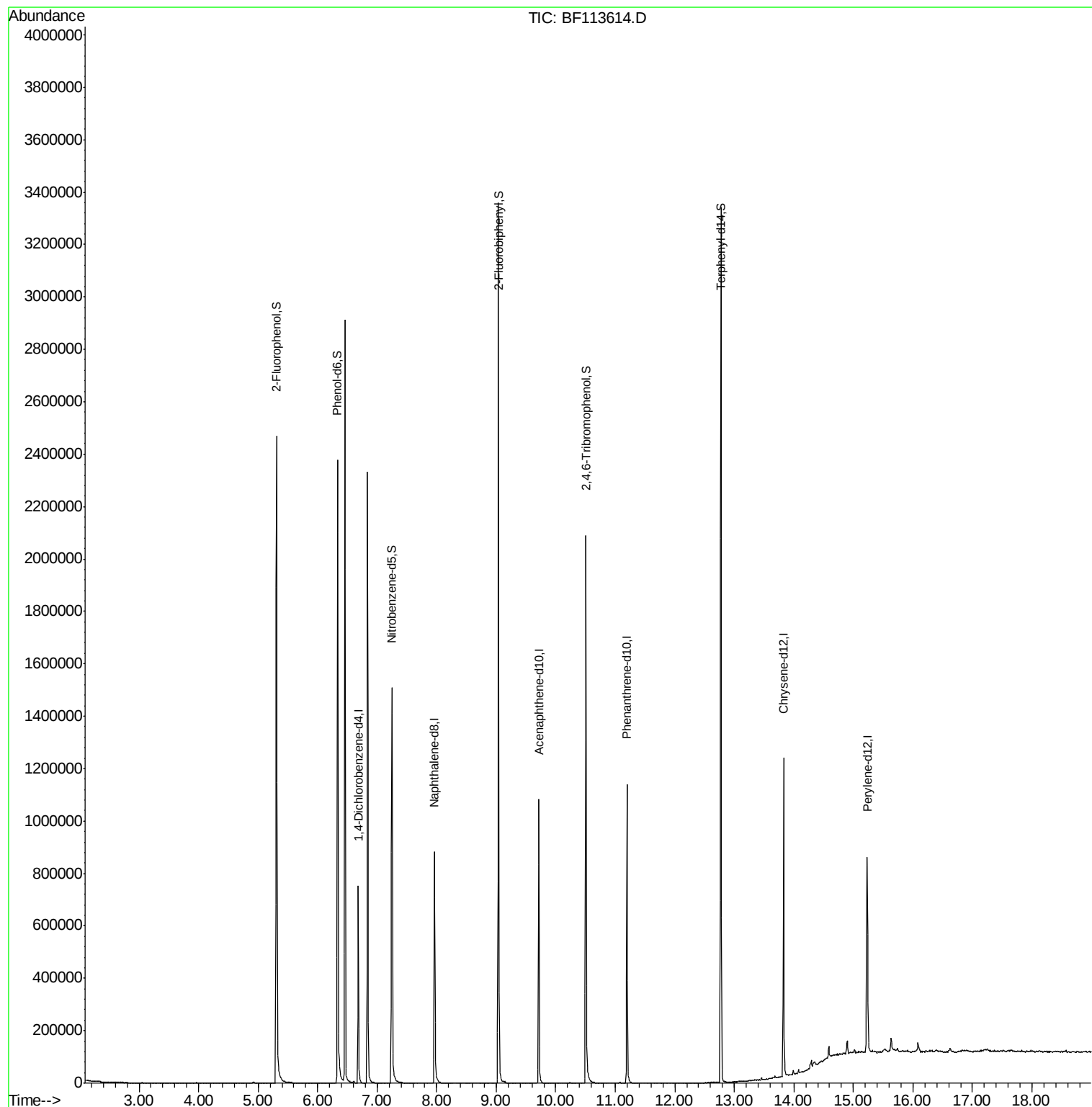
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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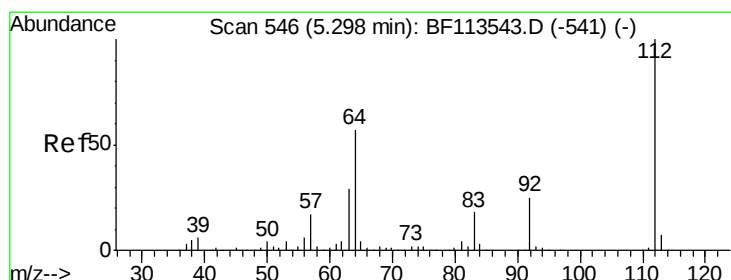
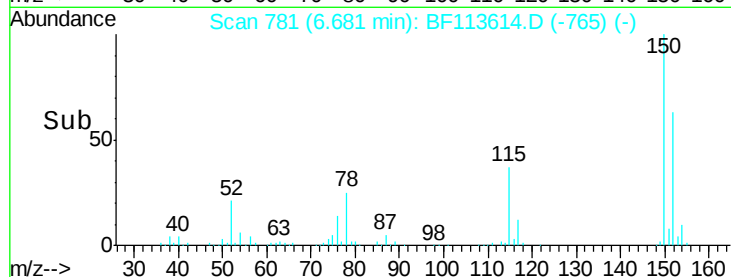
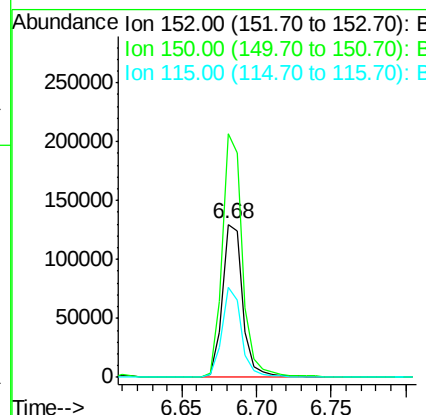
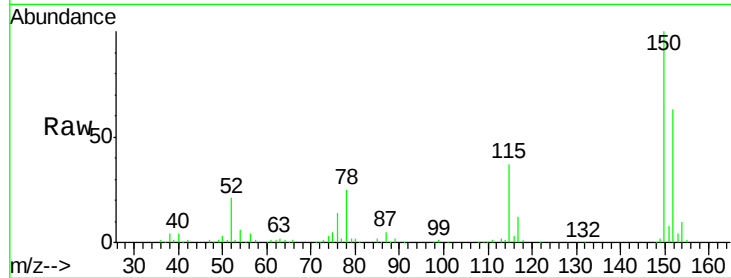




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

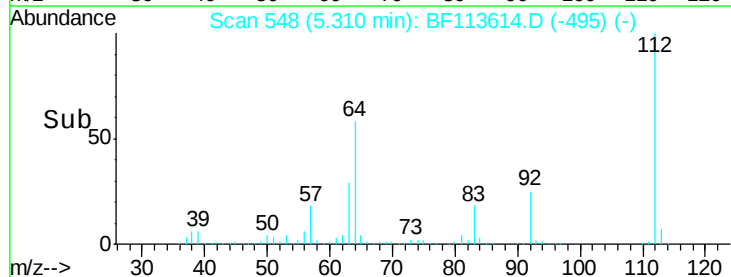
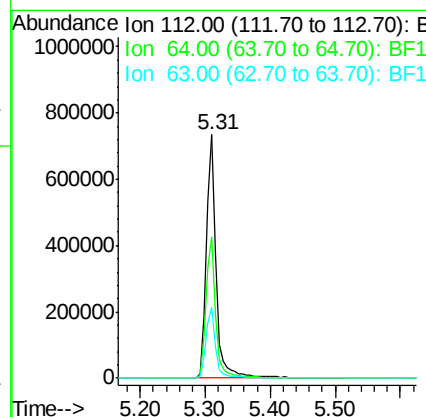
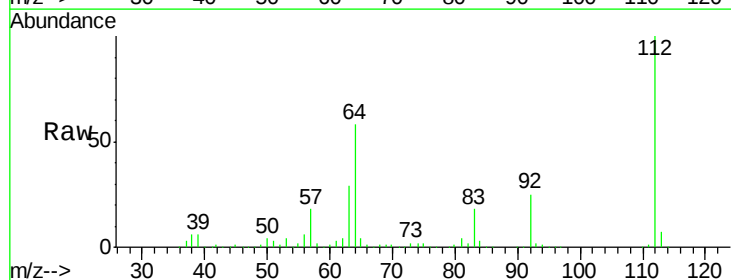
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

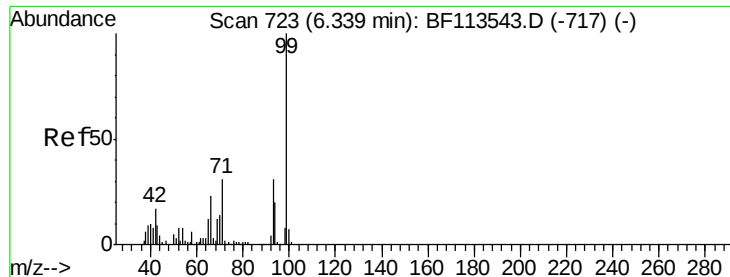
Tgt Ion:152 Resp: 125922
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.7 187.1
 115 58.9 46.0 69.0



#5
 2-Fluorophenol
 Concen: 104.222 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion:112 Resp: 769622
 Ion Ratio Lower Upper
 112 100
 64 57.8 49.2 73.8
 63 29.3 24.9 37.3





#7

Phenol-d6

Concen: 108.809 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

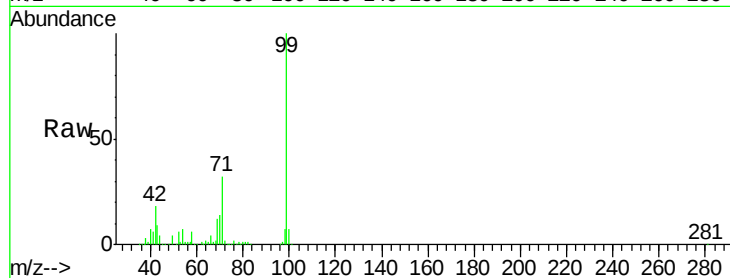
Tgt Ion: 99 Resp: 990315

Ion Ratio Lower Upper

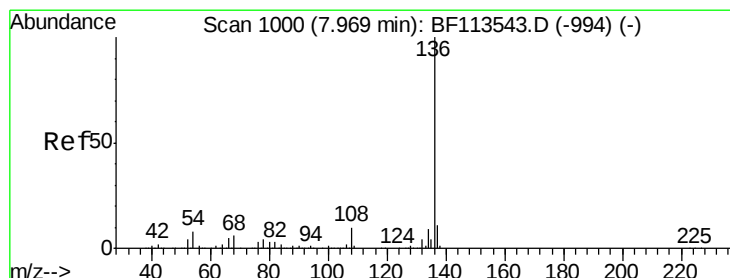
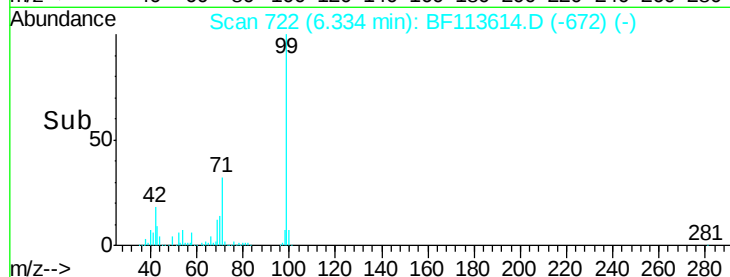
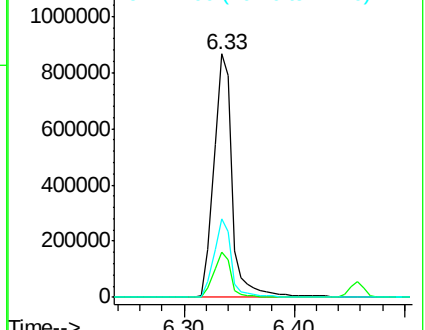
99 100

42 18.4 14.8 22.2

71 32.1 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: BF113614.D

Acq: 5 Apr 2019 10:45

Tgt Ion: 136 Resp: 484512

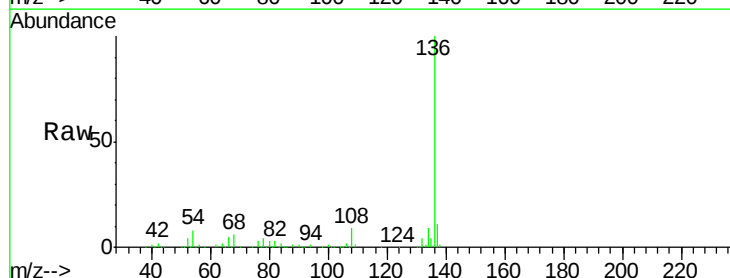
Ion Ratio Lower Upper

136 100

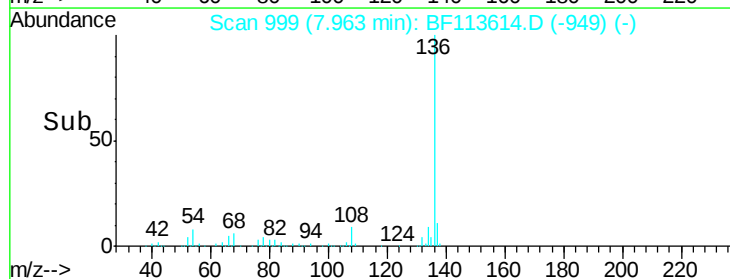
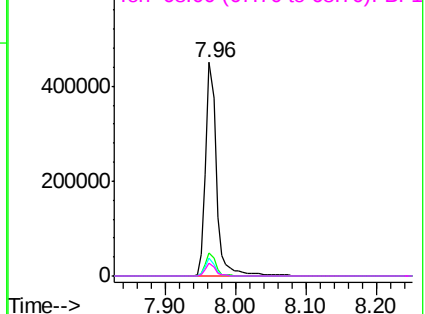
137 10.8 8.9 13.3

54 8.3 7.0 10.6

68 6.3 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

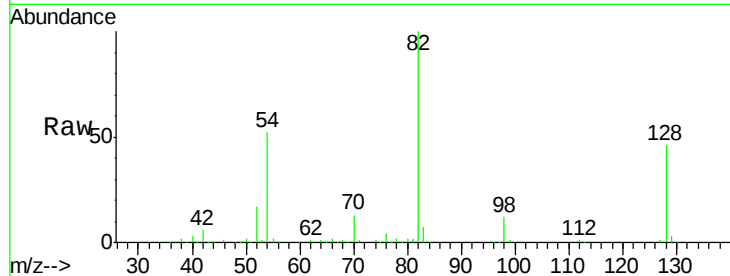




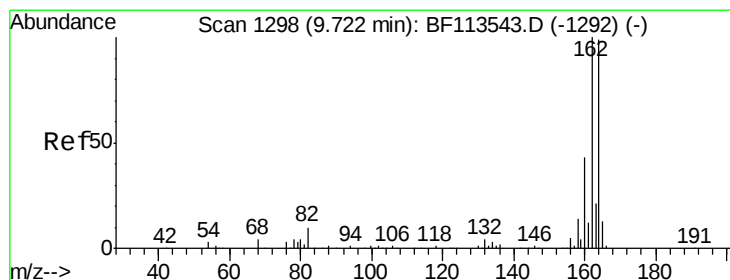
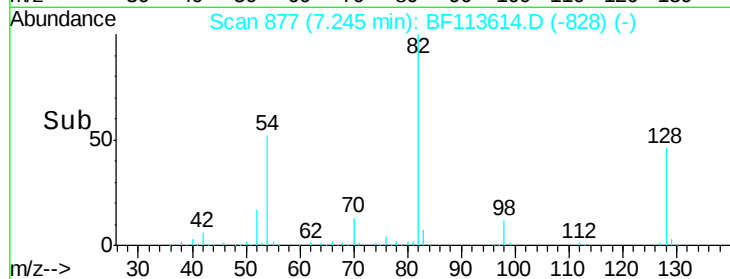
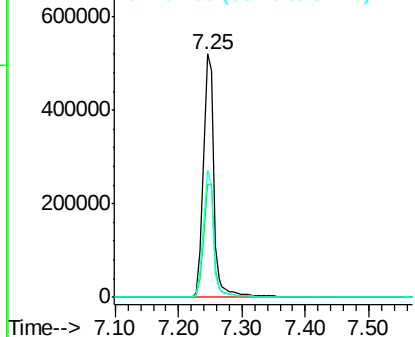
#23
 Nitrobenzene-d5
 Concen: 72.978 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Tgt Ion: 82 Resp: 603644
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.5 54.7
 54 52.2 42.2 63.2

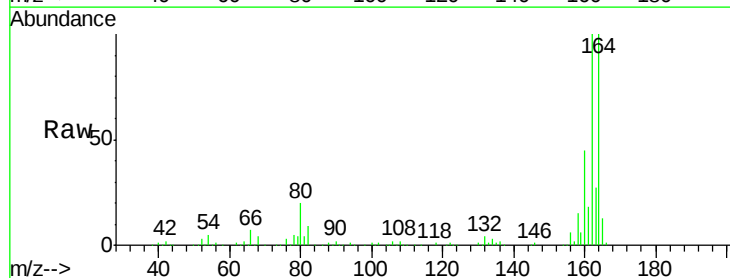


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

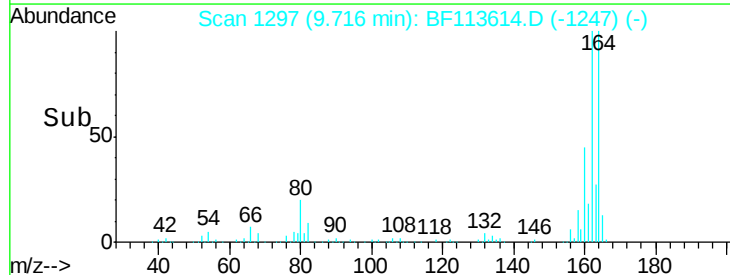
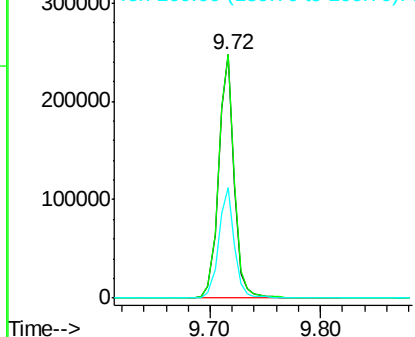


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion: 164 Resp: 240410
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.8 122.6
 160 45.2 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

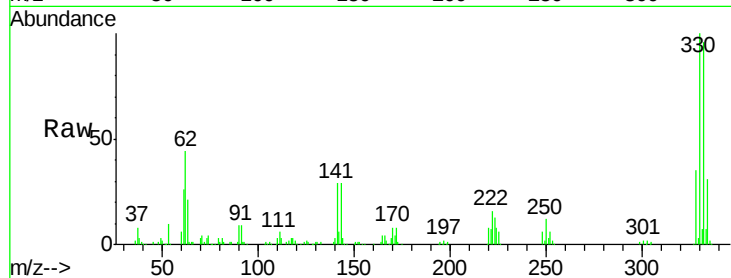




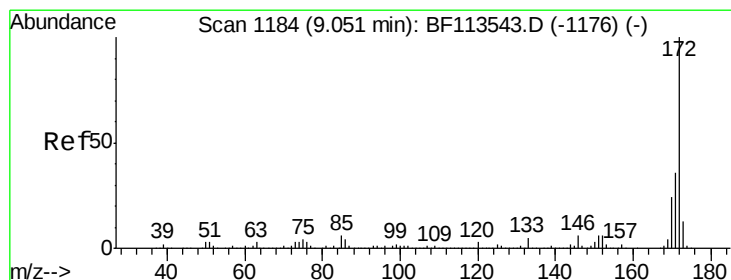
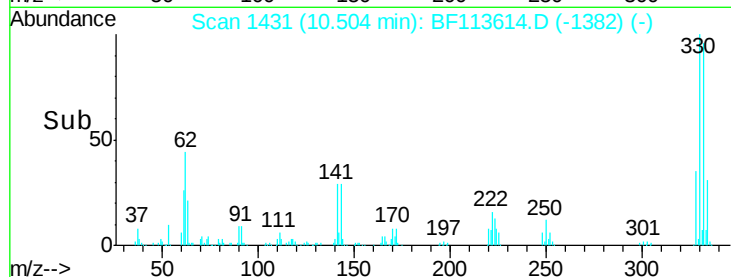
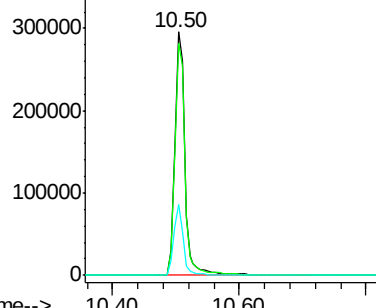
#42
 2,4,6-Tribromophenol
 Concen: 111.691 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BL

Tgt Ion:330 Resp: 322554
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 27.4 22.7 34.1

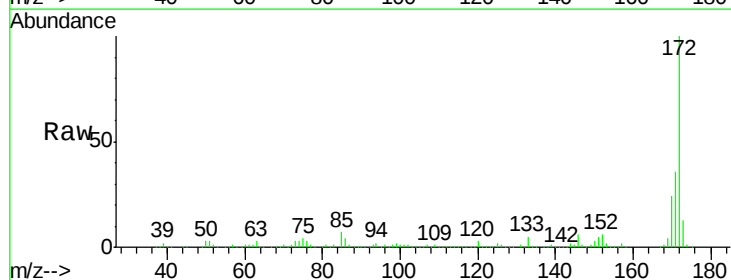


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

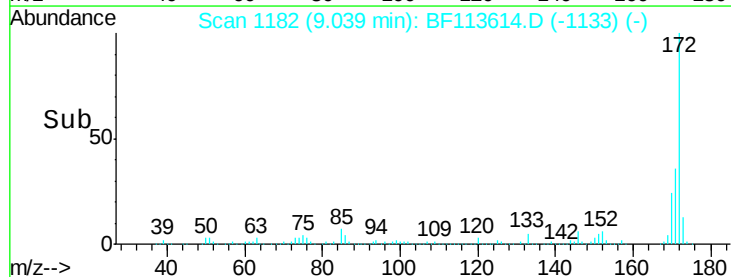
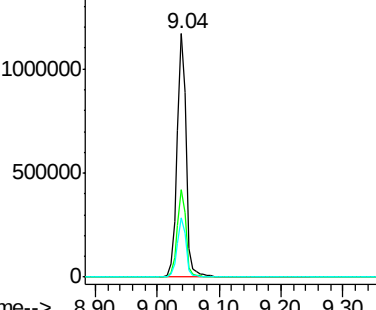


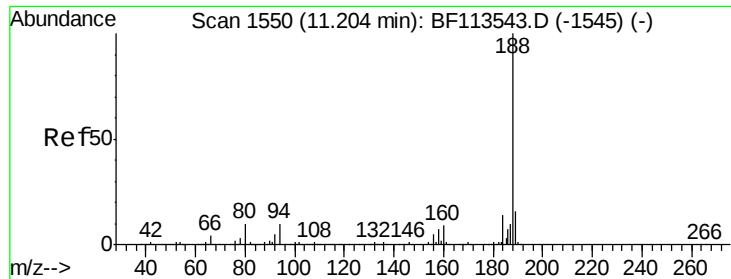
#45
 2-Fluorobiphenyl
 Concen: 80.123 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113614.D
 Acq: 5 Apr 2019 10:45

Tgt Ion:172 Resp: 1196496
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

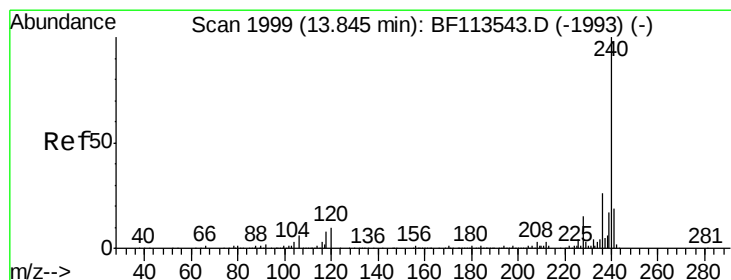
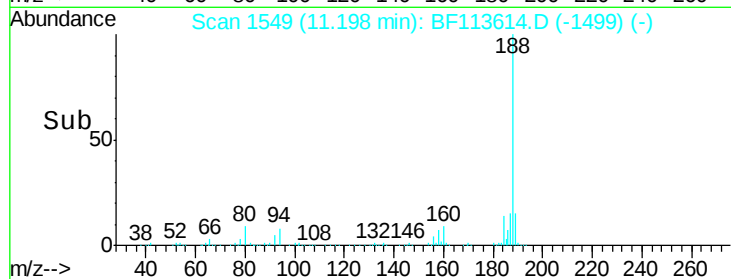
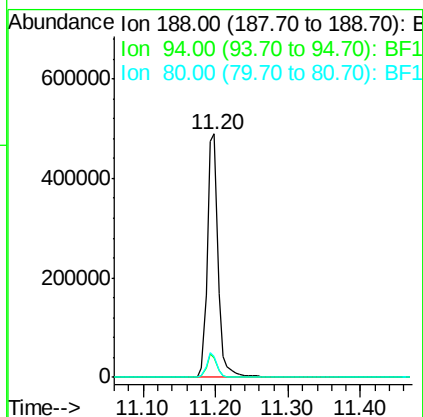
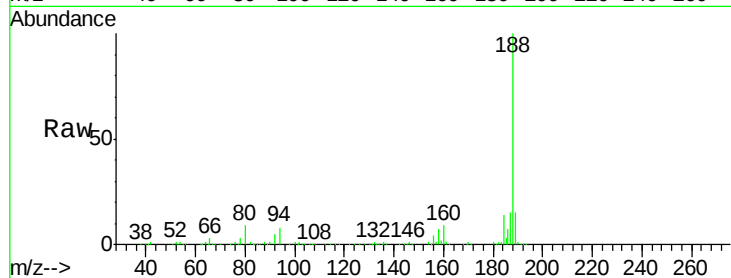




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

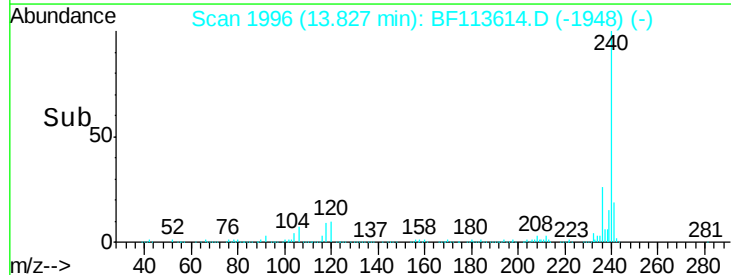
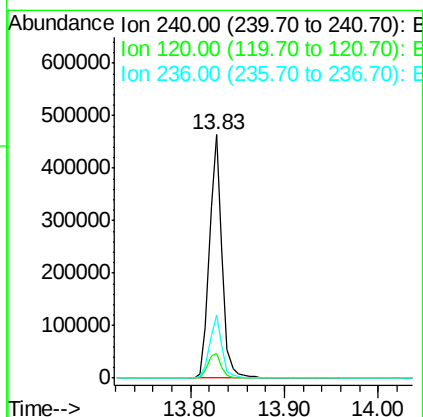
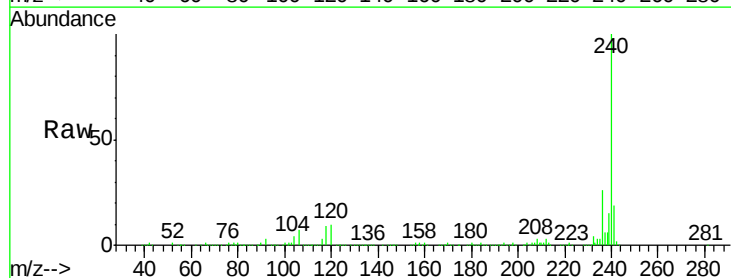
Instrument :
BNA_F
ClientSampleId :
PB118551BL

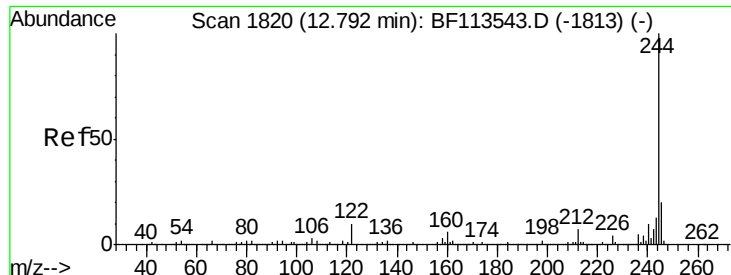
Tgt Ion:188 Resp: 506283
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113614.D
Acq: 5 Apr 2019 10:45

Tgt Ion:240 Resp: 437537
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 64.230 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113614.D

Acq: 5 Apr 2019 10:45

Instrument :

BNA_F

ClientSampleId :

PB118551BL

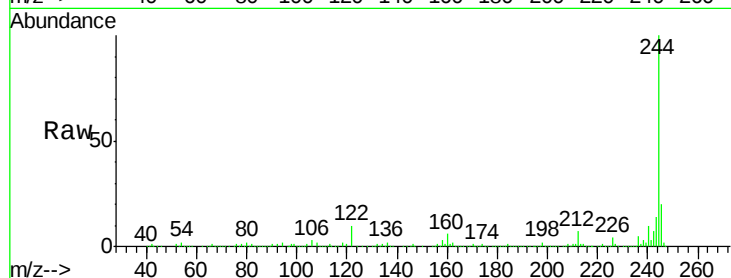
Tgt Ion:244 Resp: 1380287

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

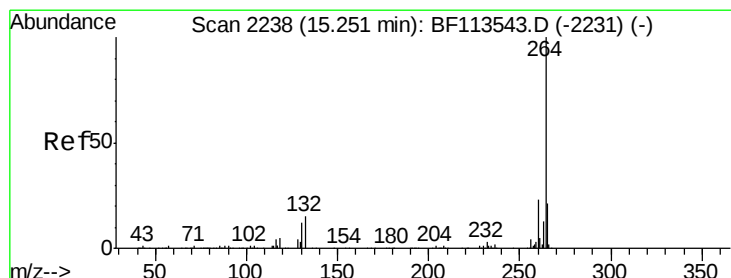
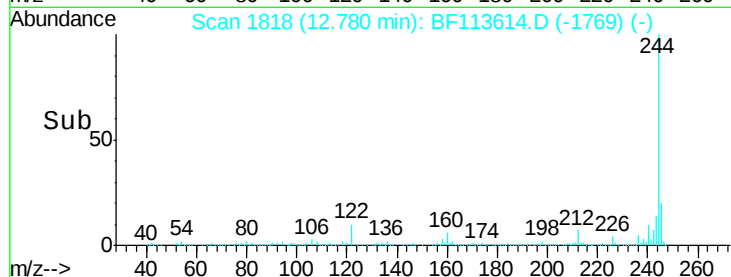
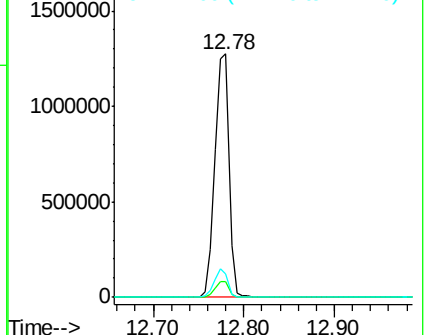
122 9.7 8.6 13.0



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: BF113614.D

Acq: 5 Apr 2019 10:45

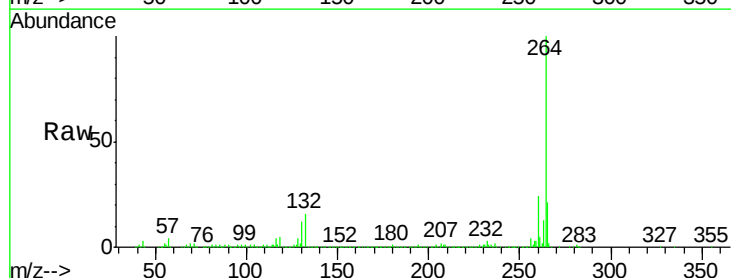
Tgt Ion:264 Resp: 357942

Ion Ratio Lower Upper

264 100

260 23.7 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

