

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113159.D
 Acq On : 20 Mar 2019 7:48
 Operator : JU/SJ
 Sample : K1947-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B128-031319

Quant Time: Mar 20 08:25:22 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

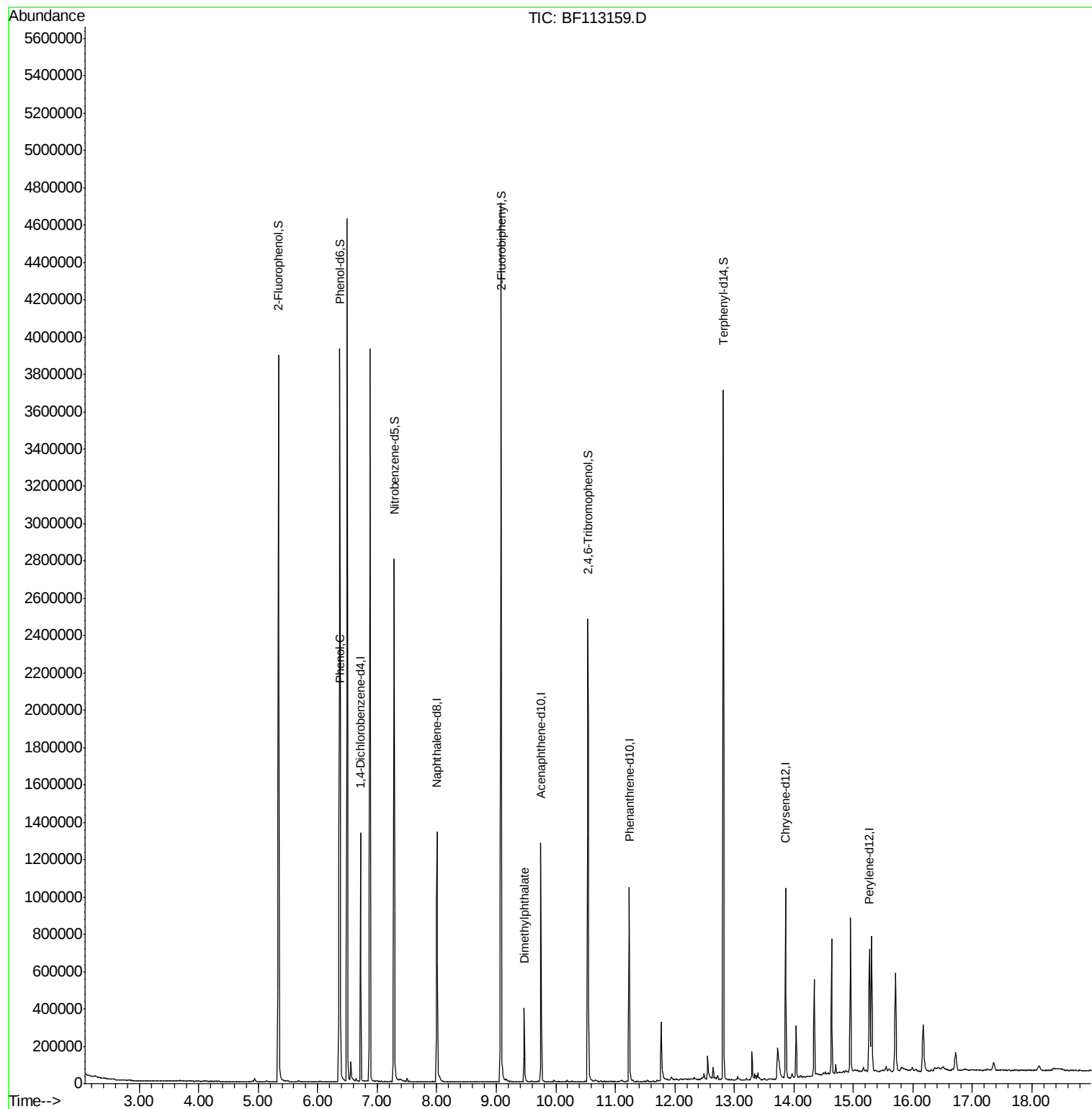
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183418	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	668440	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	263363	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	423923	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	374239	20.00	ng	0.00
87) Perylene-d12	15.27	264	315836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1209666	102.59	ng	0.00
7) Phenol-d6	6.37	99	1637048	110.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	969698	86.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	346156	123.81	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1493672	97.85	ng	-0.01
79) Terphenyl-d14	12.82	244	1315343	68.13	ng	0.00
Target Compounds						
10) Phenol	6.39	94	79509	4.600	ng	89
50) Dimethylphthalate	9.47	163	187710	9.666	ng	98

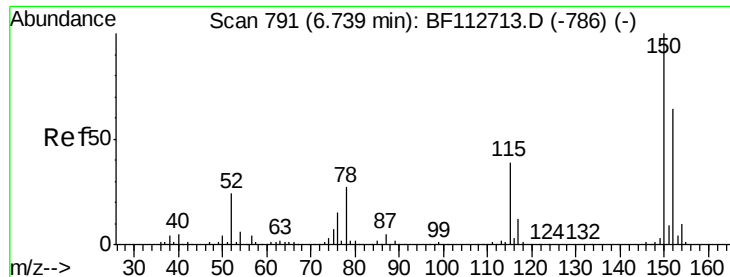
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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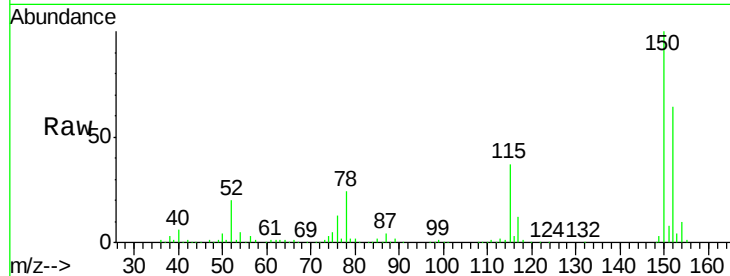


#1

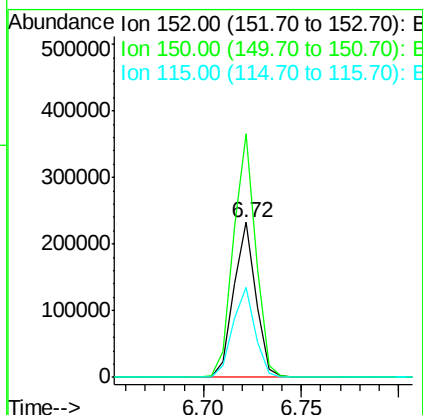
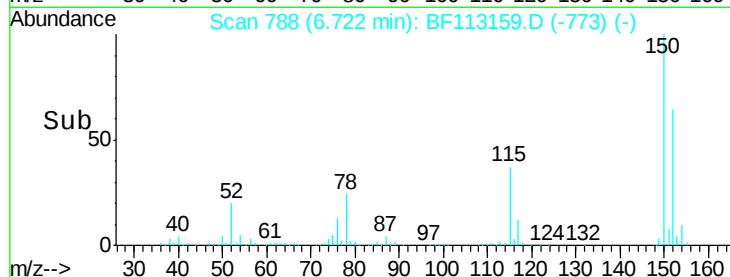
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:152 Resp: 183418
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 58.3 48.2 72.4



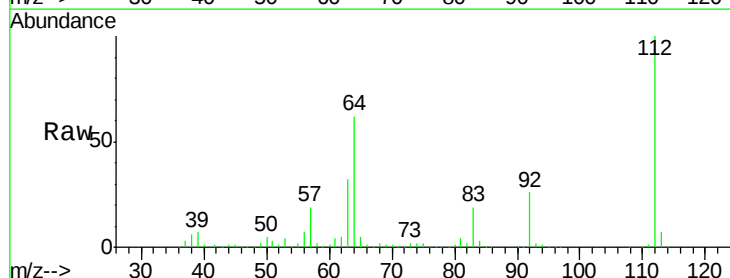
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



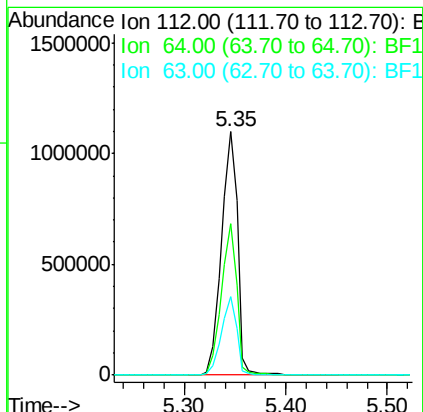
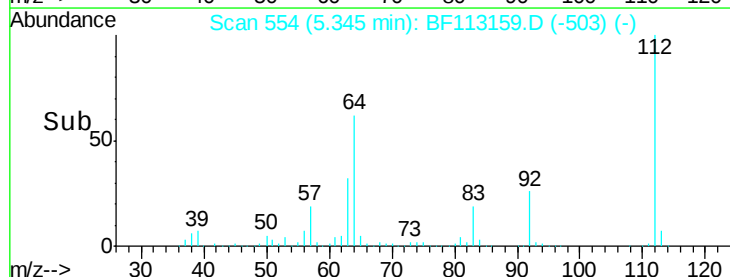
#5

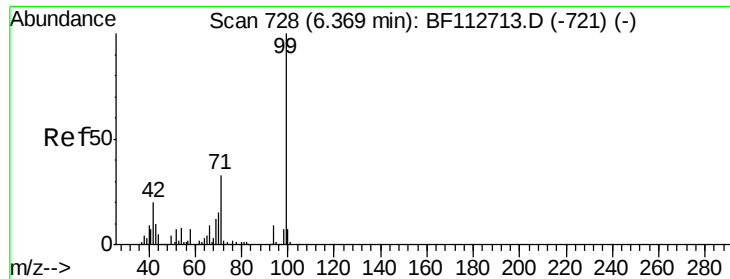
2-Fluorophenol
Concen: 102.590 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

Tgt Ion:112 Resp: 1209666
Ion Ratio Lower Upper
112 100
64 62.0 47.6 71.4
63 32.1 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: 110.524 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

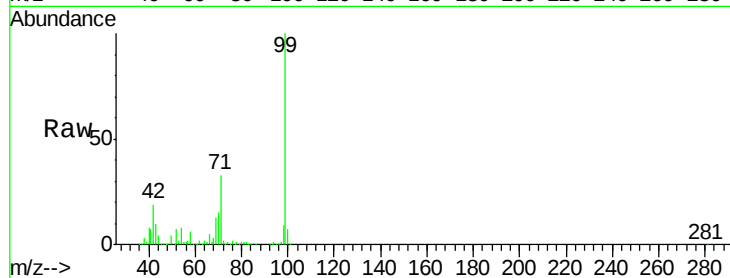
Tgt Ion: 99 Resp: 1637048

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

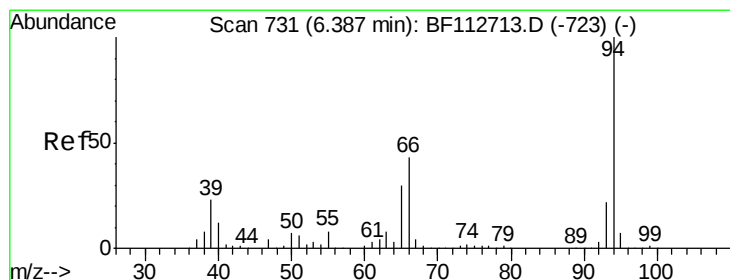
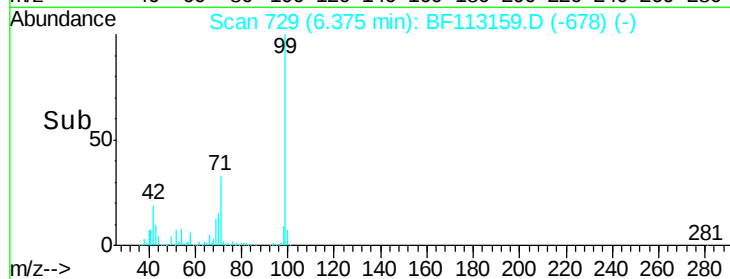
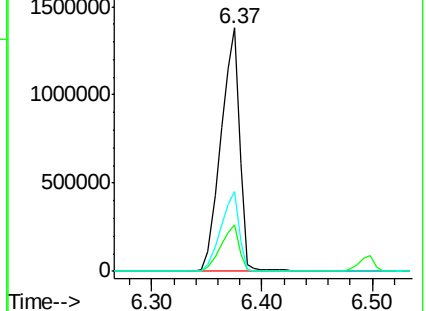
71 32.8 26.2 39.4



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



#10

Phenol

Concen: 4.600 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

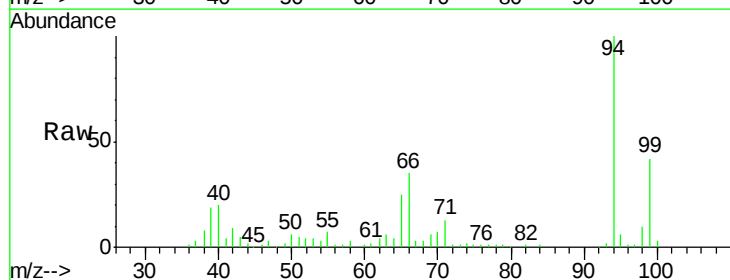
Tgt Ion: 94 Resp: 79509

Ion Ratio Lower Upper

94 100

65 25.2 10.5 50.5

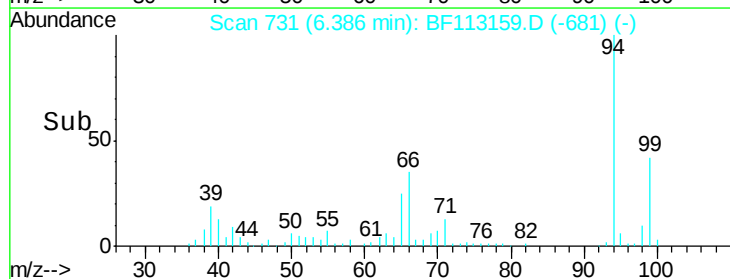
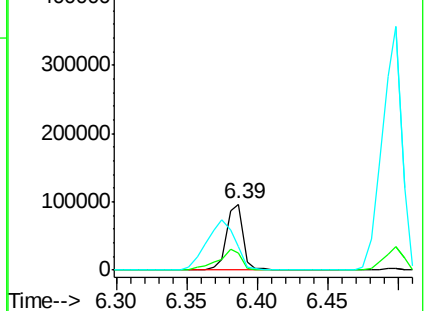
66 34.8 22.6 62.6

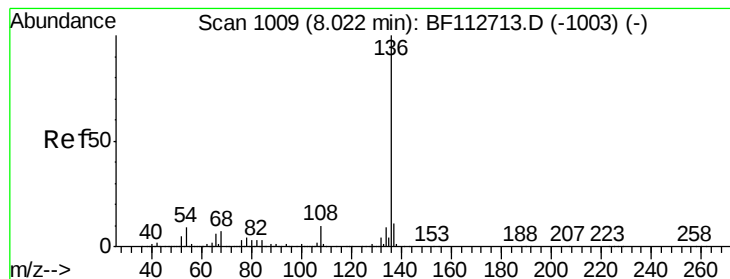


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

Tgt Ion: 136 Resp: 668440

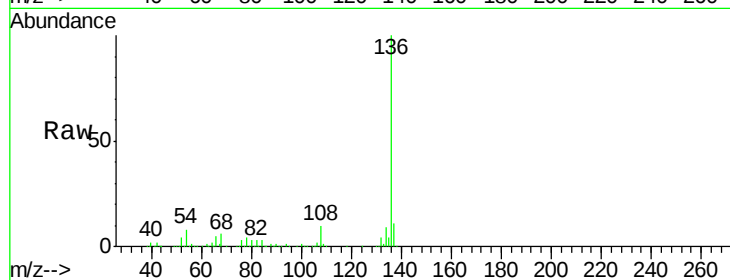
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 7.3 10.9

68 5.9 5.4 8.2

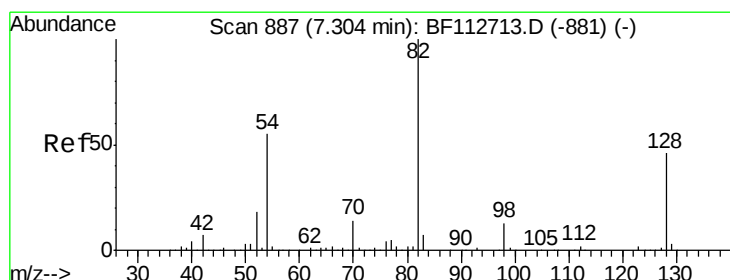
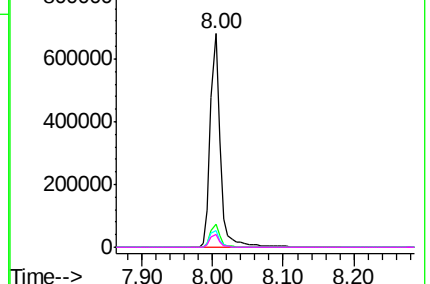
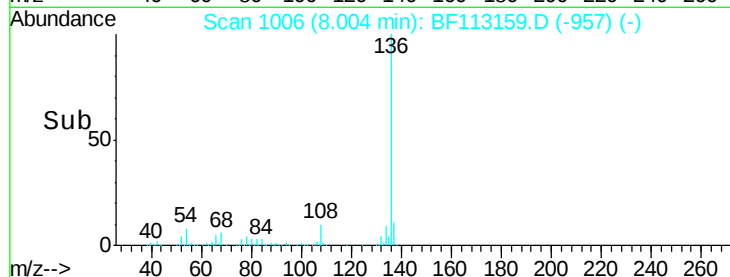


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.806 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

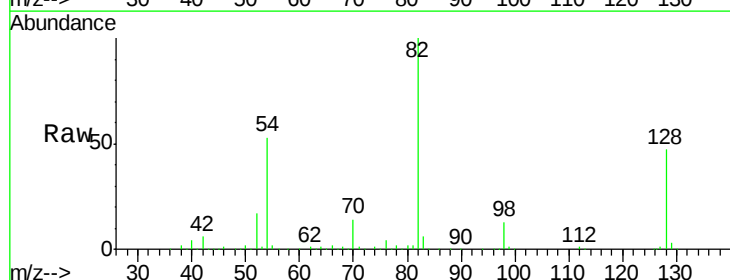
Tgt Ion: 82 Resp: 969698

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

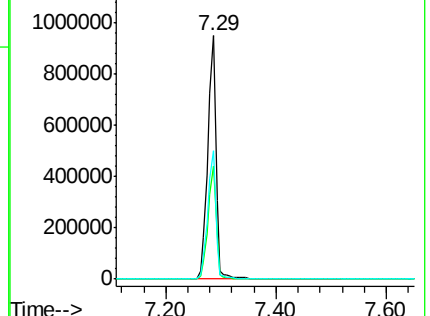
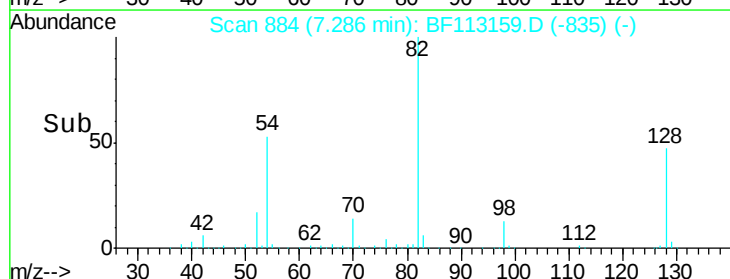
54 52.9 43.7 65.5

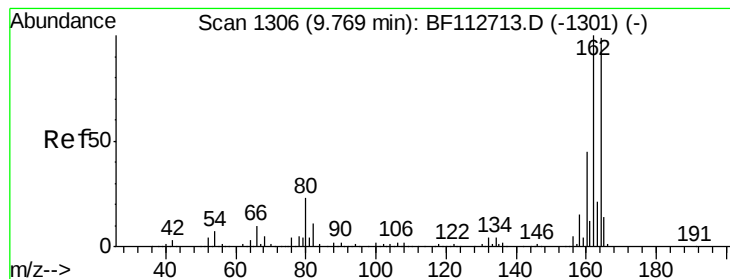


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

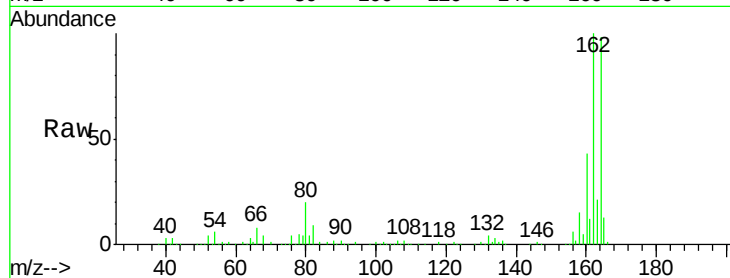
Tgt Ion:164 Resp: 263363

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

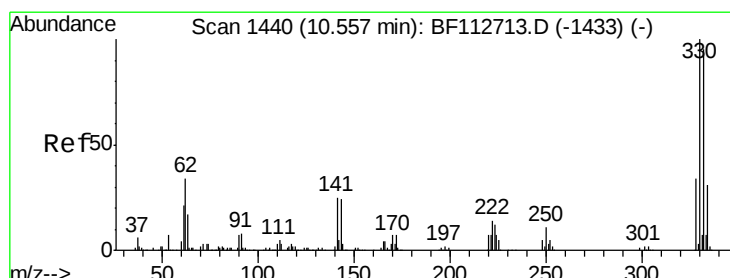
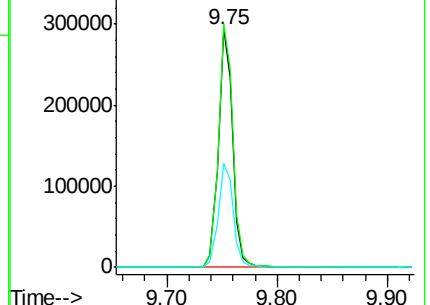
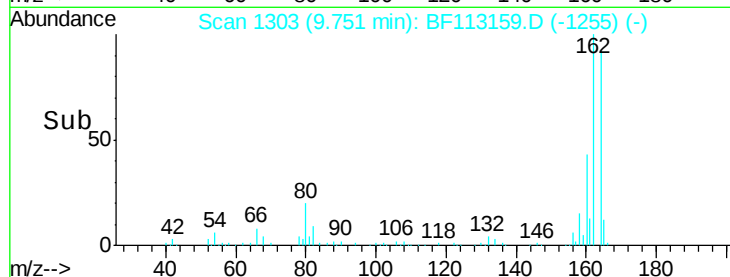
160 43.4 36.0 54.0



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: 123.807 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

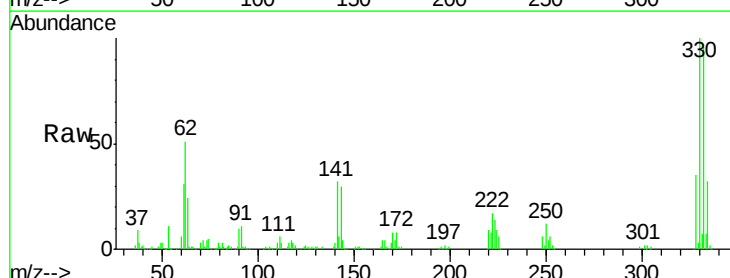
Tgt Ion:330 Resp: 346156

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

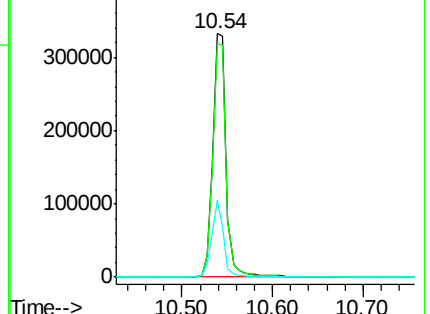
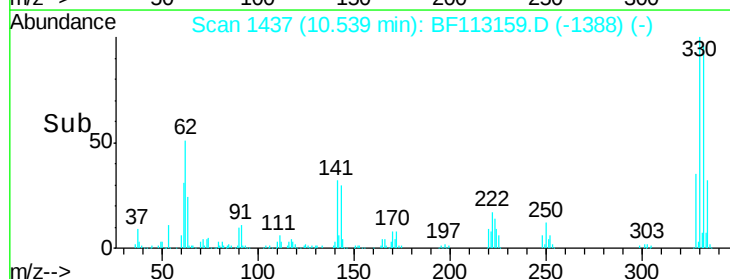
141 28.4 27.0 40.6



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

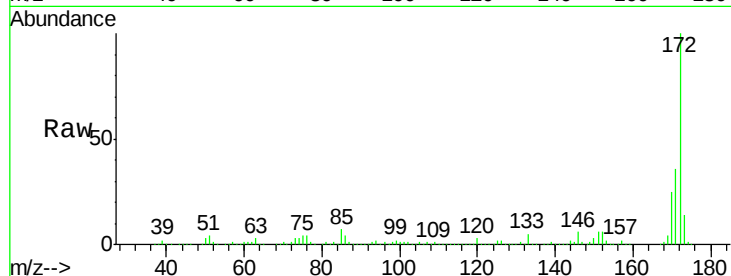




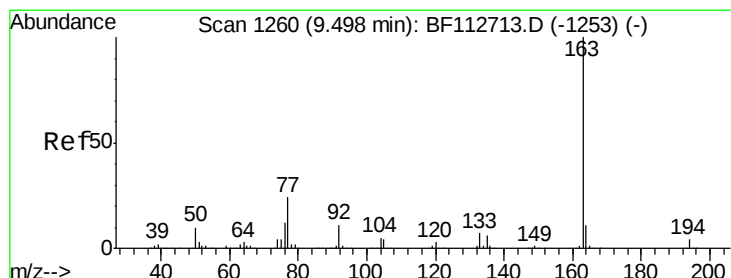
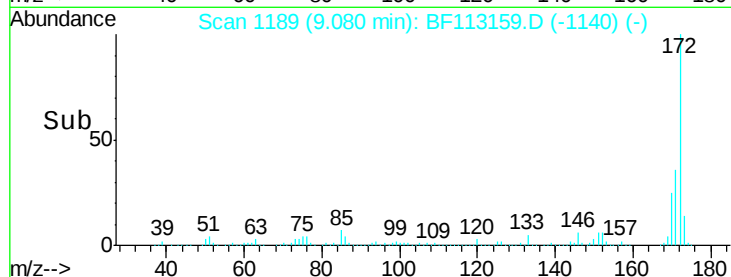
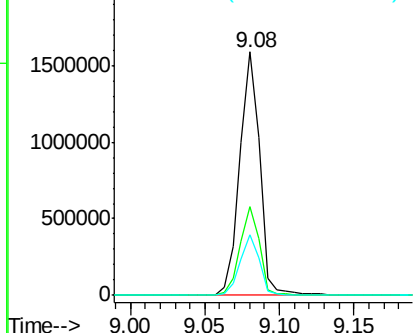
#45
 2-Fluorobiphenyl
 Concen: 97.849 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113159.D
 Acq: 20 Mar 2019 7:48

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B128-031319

Tgt Ion:172 Resp: 1493672
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.6 20.0 30.0

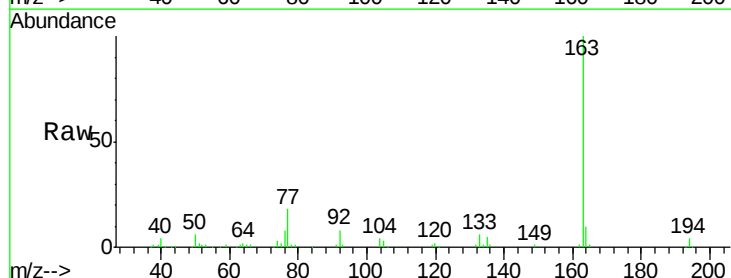


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

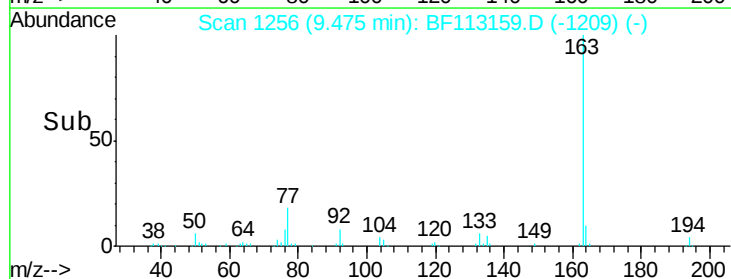
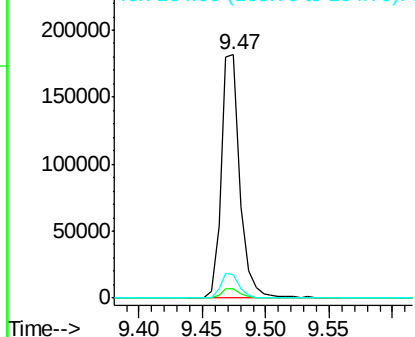


#50
 Dimethylphthalate
 Concen: 9.666 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF113159.D
 Acq: 20 Mar 2019 7:48

Tgt Ion:163 Resp: 187710
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

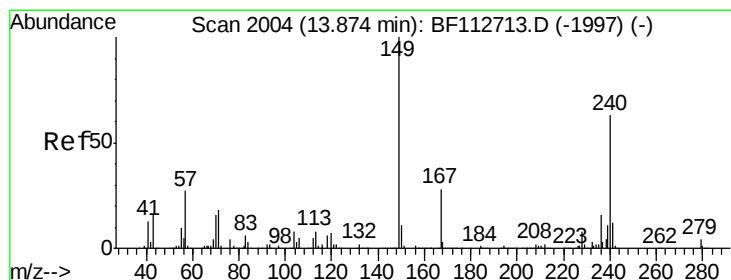
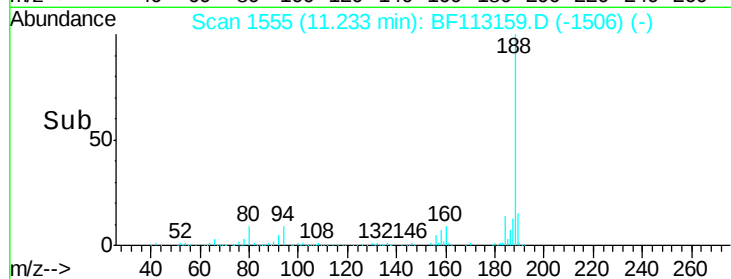
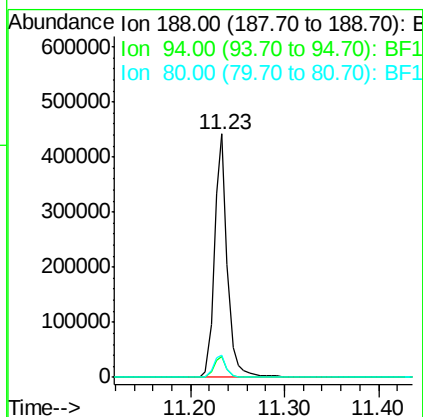
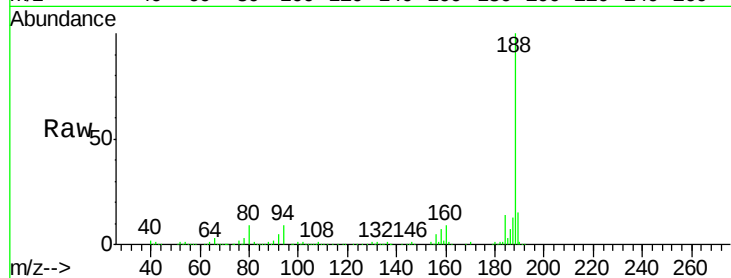




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

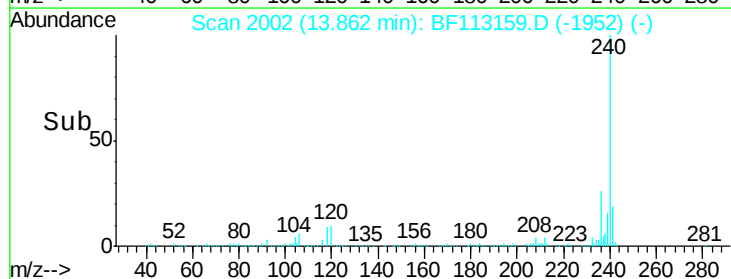
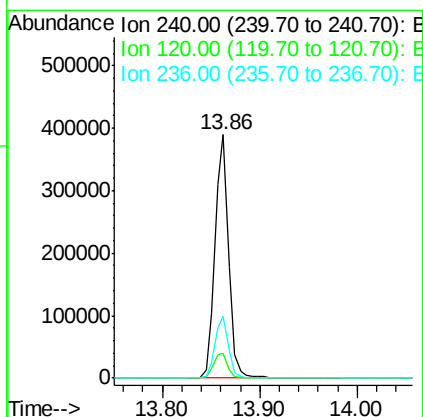
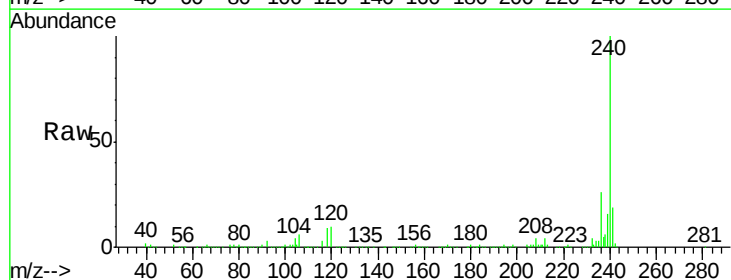
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BNA_F
ClientSampleId :
PST-025-B128-031319

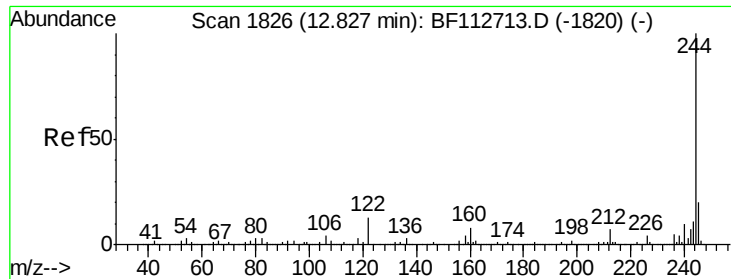
Tgt Ion:188 Resp: 423923
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.9 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

Tgt Ion:240 Resp: 374239
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 68.133 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

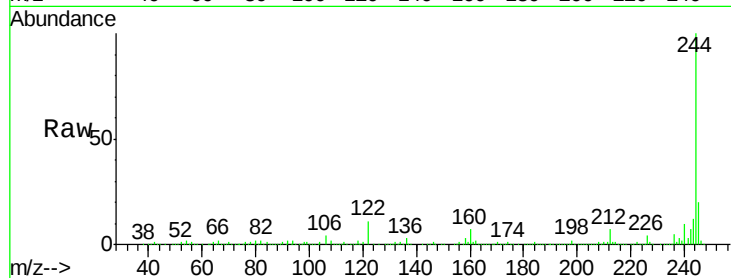
Tgt Ion:244 Resp: 1315343

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

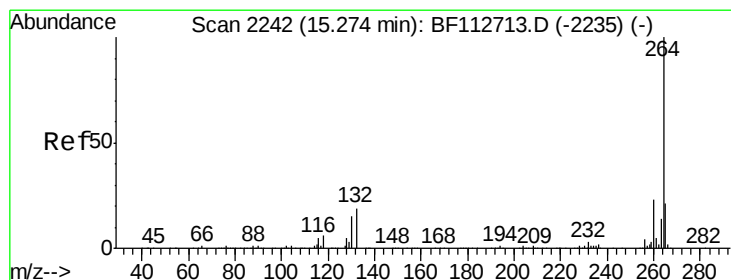
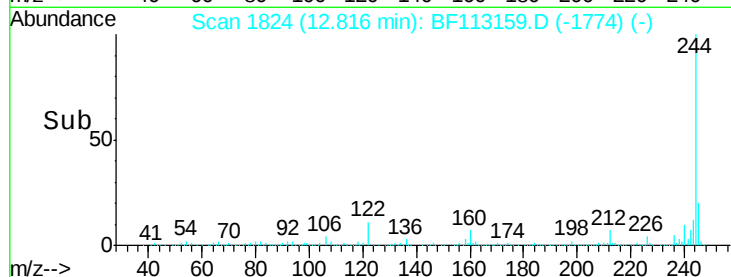
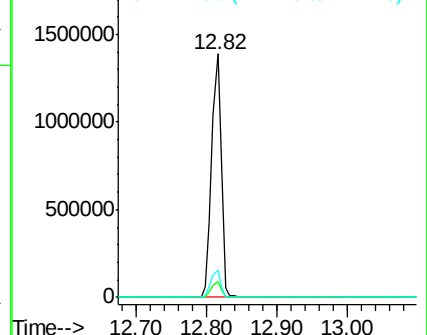
122 11.1 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113159.D

Acq: 20 Mar 2019 7:48

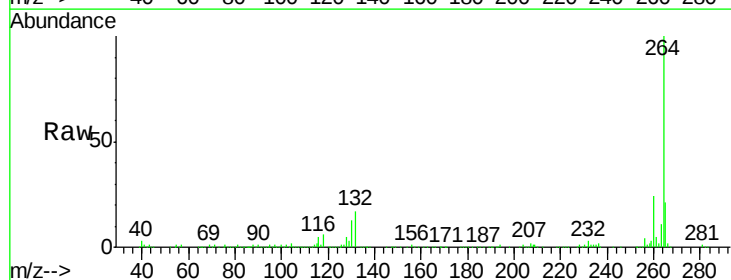
Tgt Ion:264 Resp: 315836

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.3 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

