

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 08:19:32 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

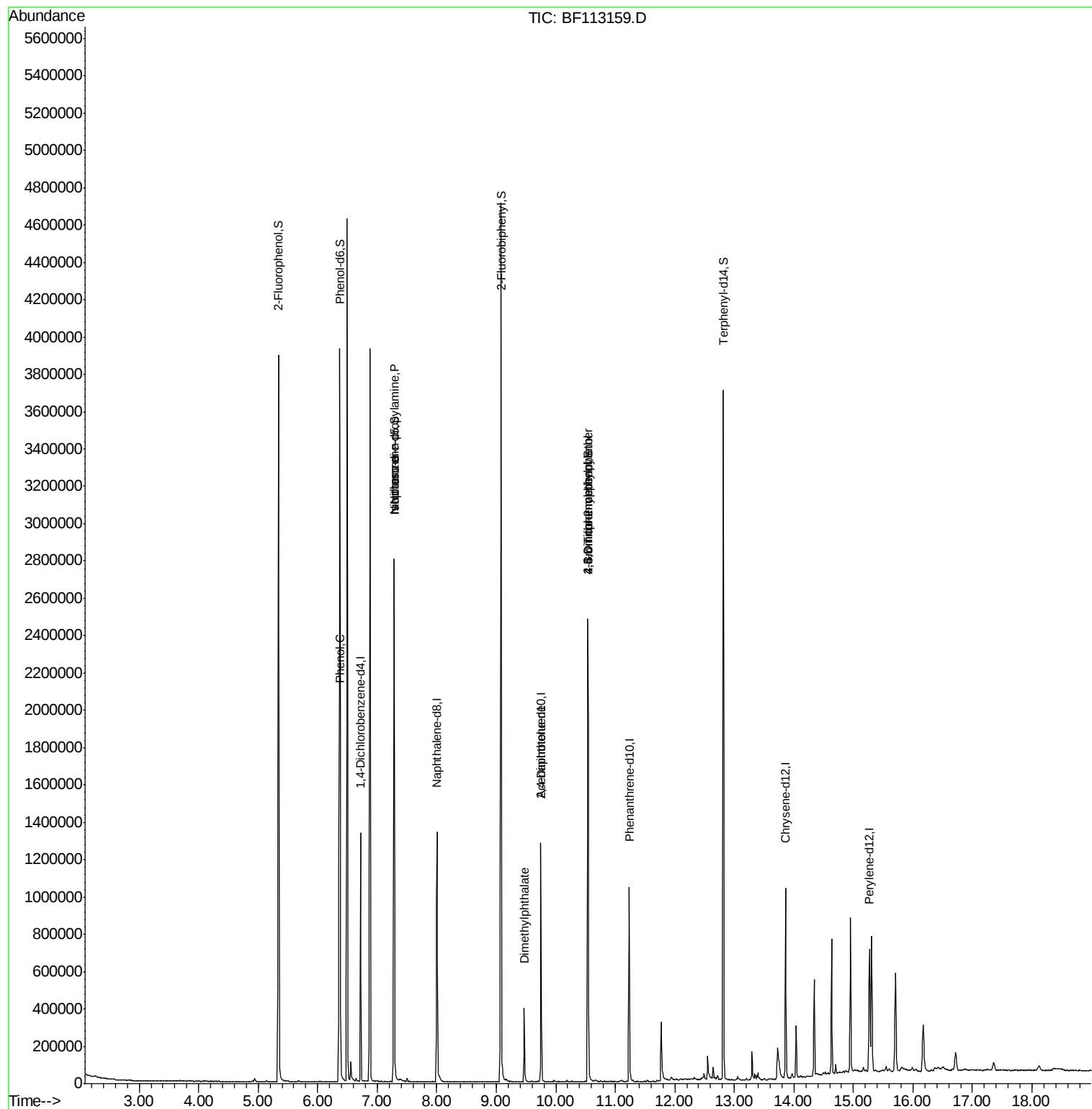
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183418	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	668440	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	263363	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	423923	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	374239	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
19) n-Nitroso-di-n-propylamine	7.29	70	126520	13.487	ng	# 75
25) Isophorone	7.29	82	959545	39.872	ng	# 66
50) Dimethylphthalate	9.47	163	187710	9.666	ng	98
57) 2,4-Dinitrotoluene	9.75	165	32860	6.537	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	582	4.915	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	19723	4.417	ng	# 1

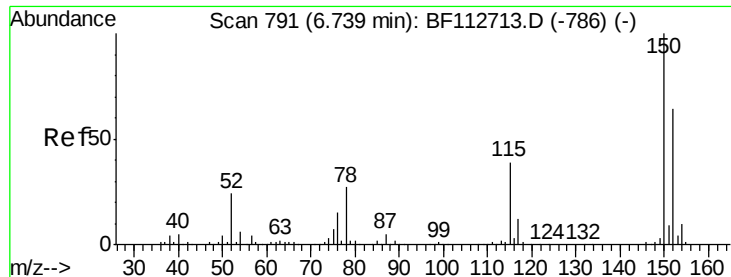
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

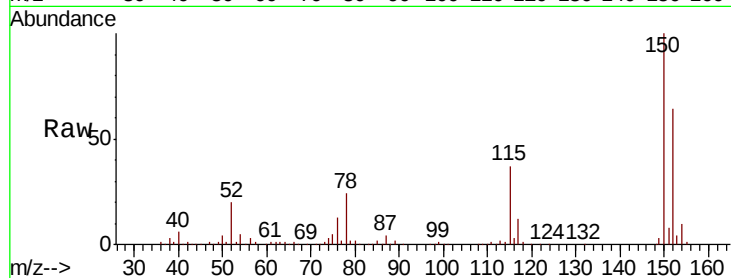
Tgt Ion:152 Resp: 183418

Ion Ratio Lower Upper

152 100

150 157.4 124.2 186.2

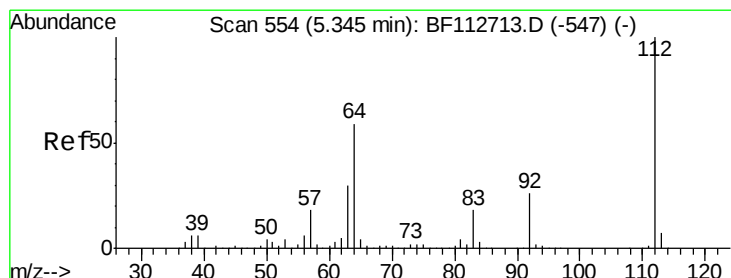
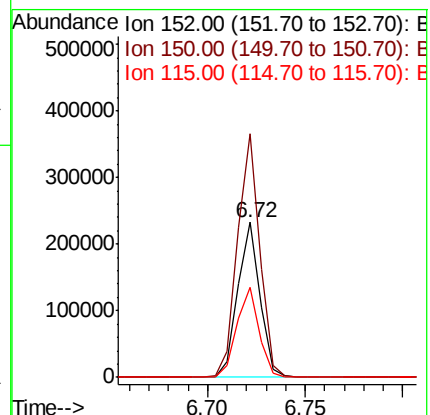
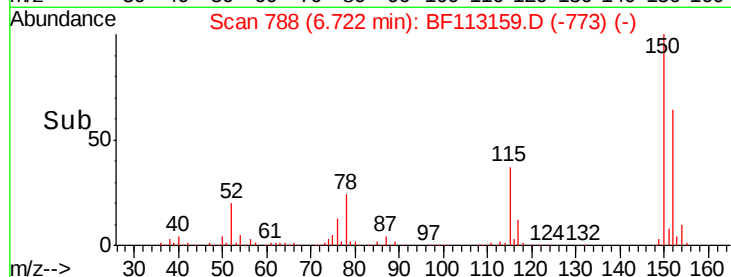
115 58.3 48.2 72.4



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

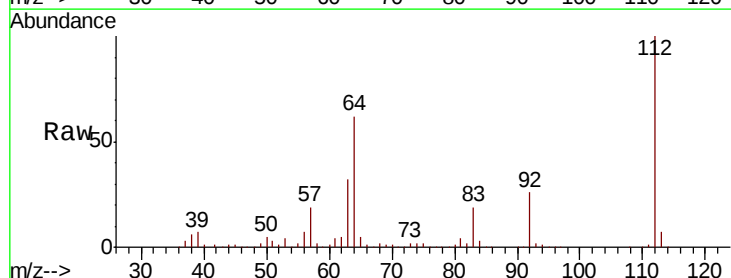
Tgt Ion:112 Resp: 1209666

Ion Ratio Lower Upper

112 100

64 62.0 47.6 71.4

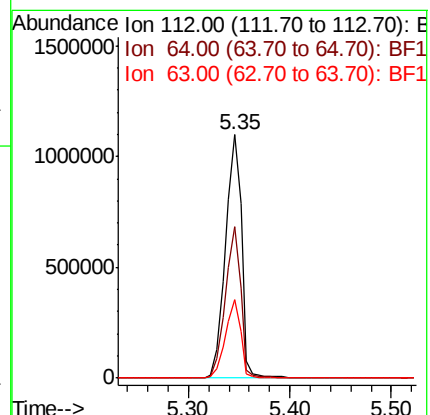
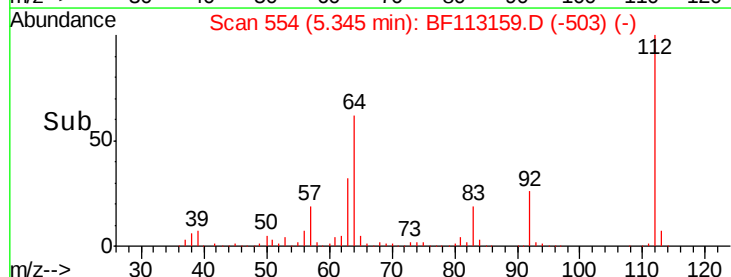
63 32.1 24.4 36.6

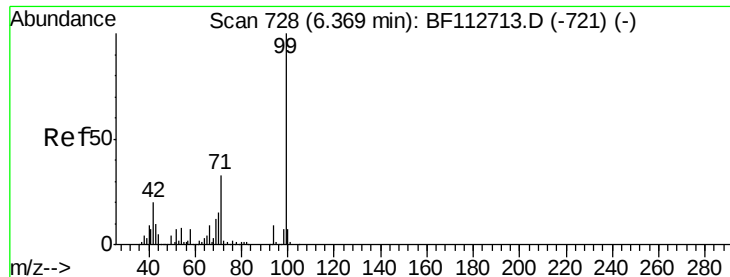


Abundance Ion 112.00 (111.70 to 112.70): E

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

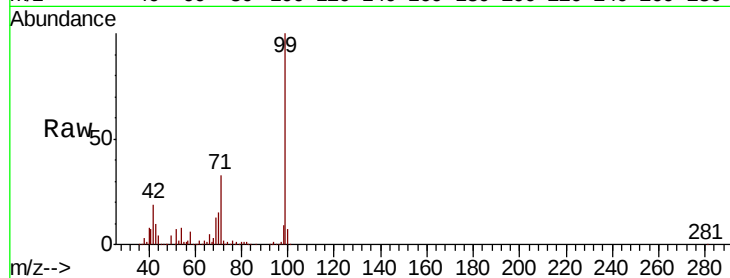
Tgt Ion: 99 Resp: 1637048

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

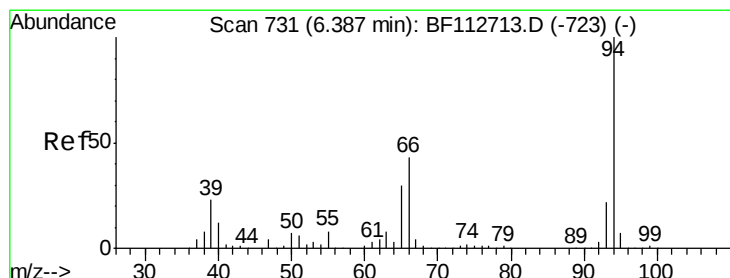
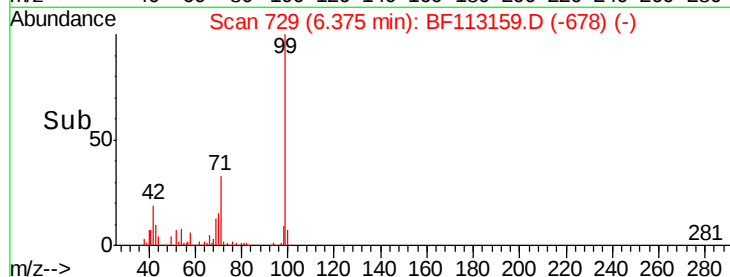
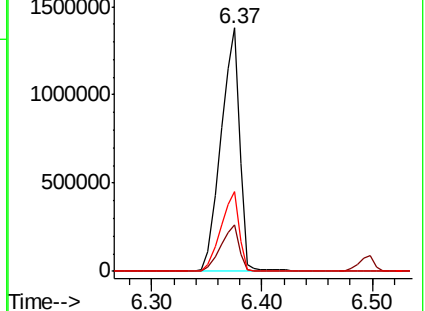
71 32.8 26.2 39.4



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

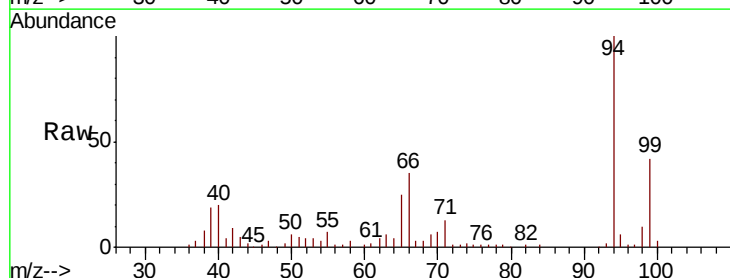
Tgt Ion: 94 Resp: 79509

Ion Ratio Lower Upper

94 100

65 25.2 10.5 50.5

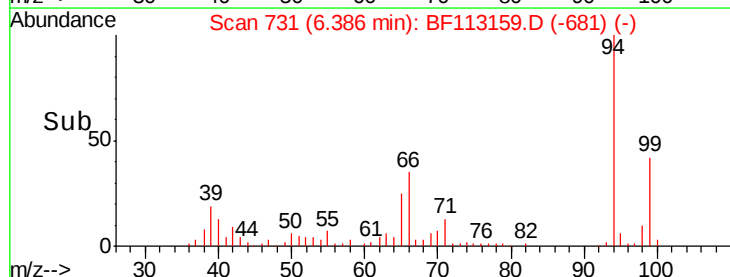
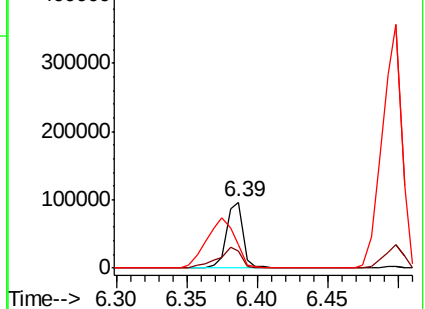
66 34.8 22.6 62.6



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

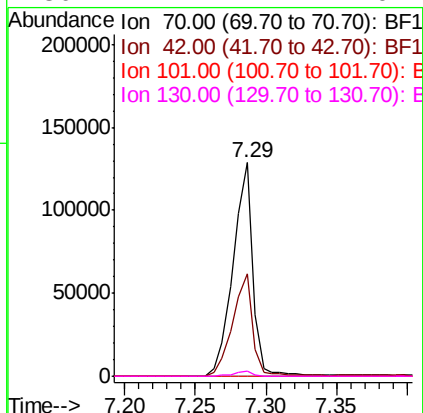
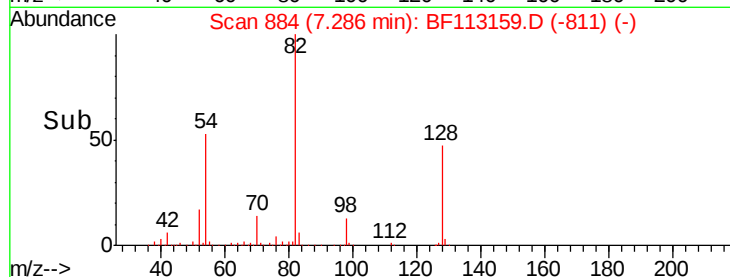
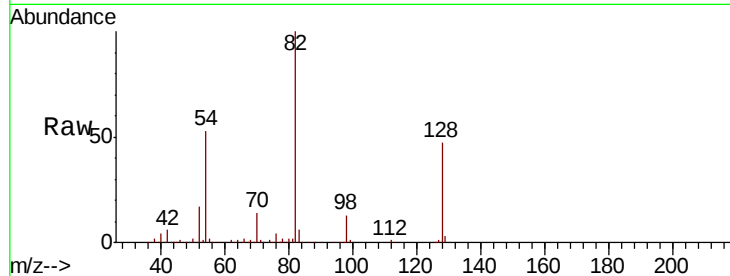




#19
n-Nitroso-di-n-propylamine
Concen: 13.487 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

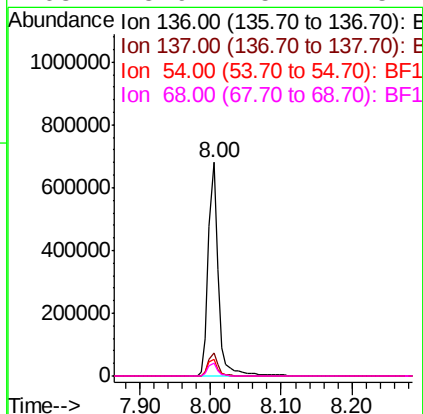
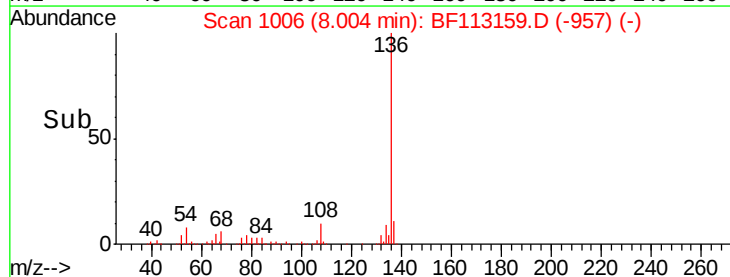
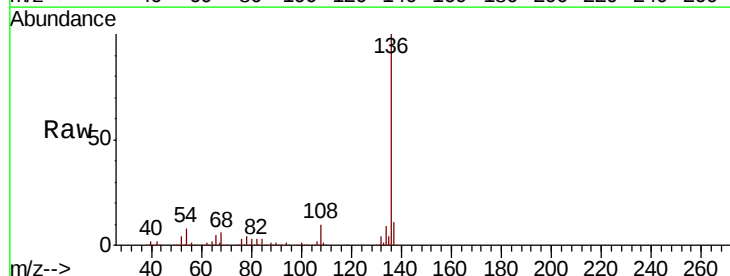
Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

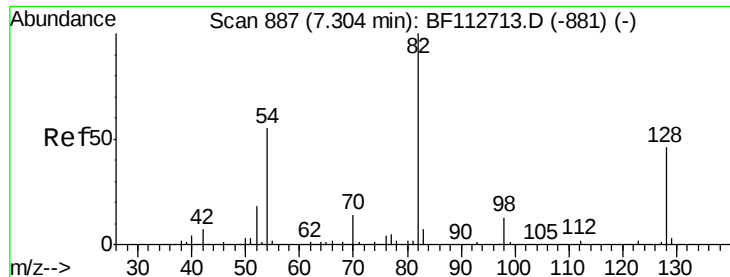
Tgt Ion: 70 Resp: 126520
Ion Ratio Lower Upper
70 100
42 47.8 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#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

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

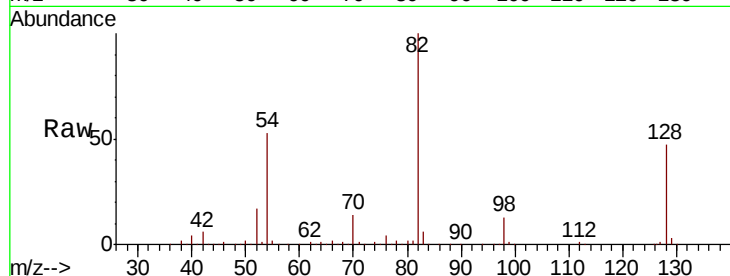




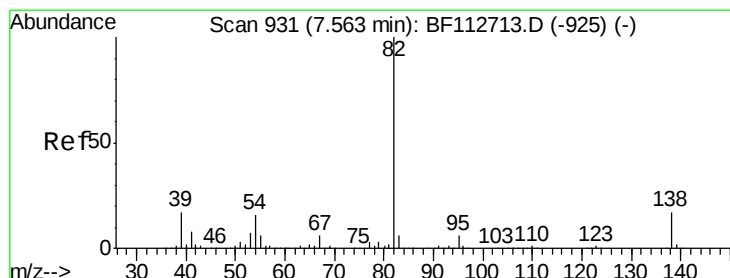
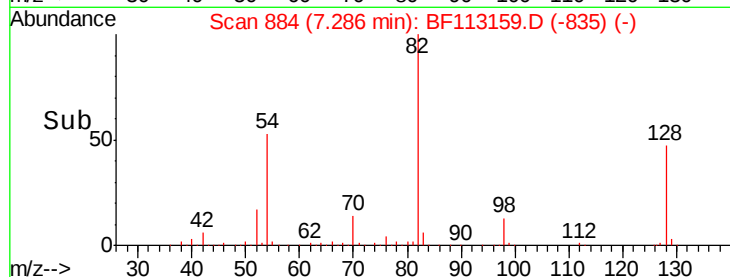
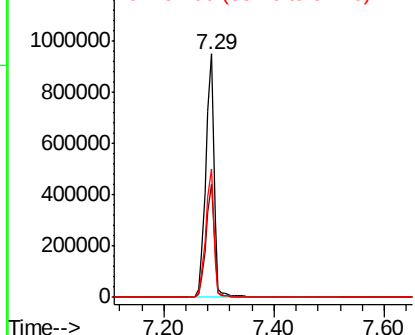
#23
Nitrobenzene-d5
Concen: 86.806 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

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

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

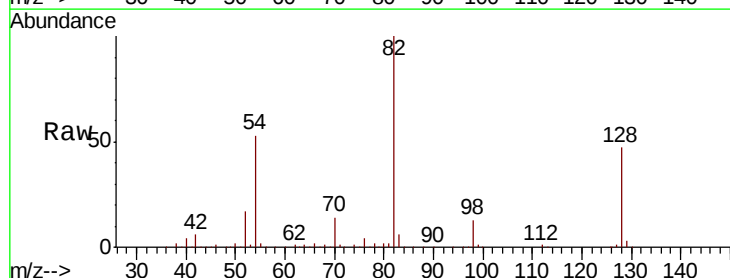


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

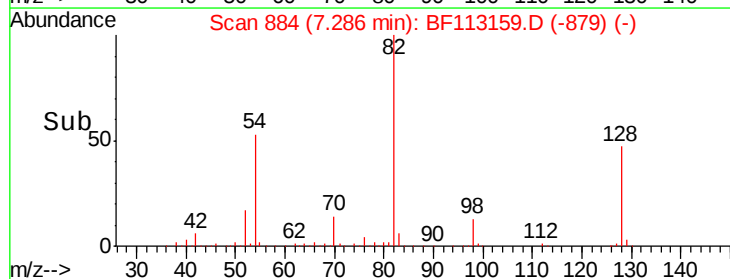
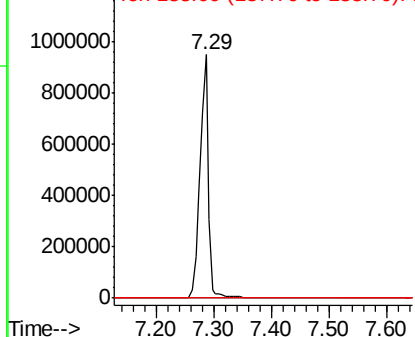


#25
Isophorone
Concen: 39.872 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

Tgt Ion: 82 Resp: 959545
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

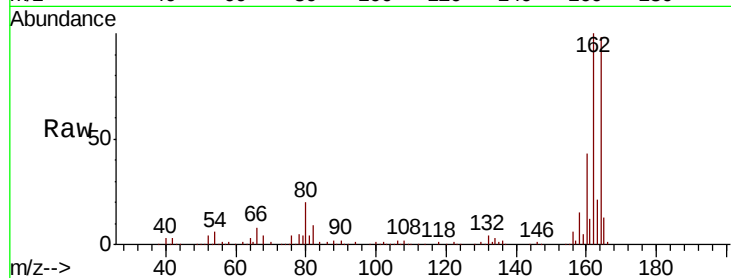




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113159.D
 Acq: 20 Mar 2019 7:48

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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	43.4	36.0	54.0

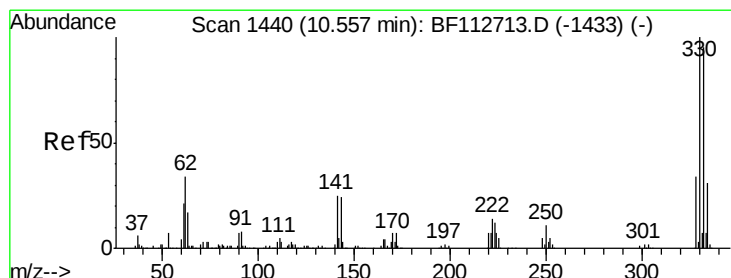
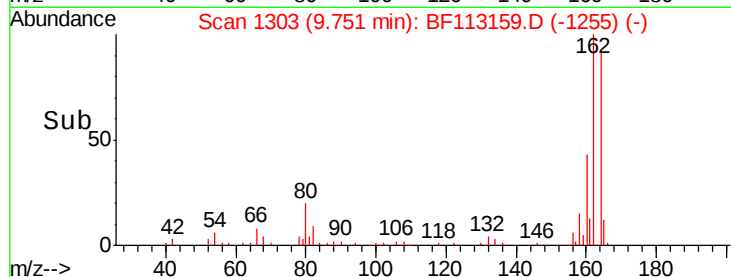
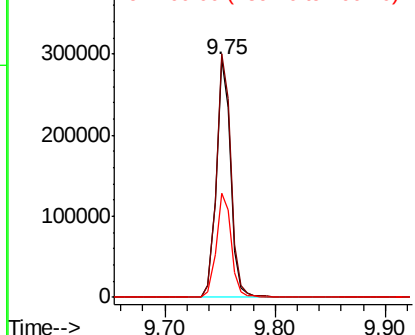


Abundance

Ion 164.00 (163.70 to 164.70): E

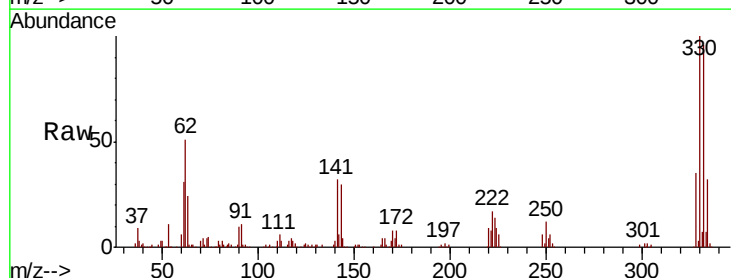
Ion 162.00 (161.70 to 162.70): E

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	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	28.4	27.0	40.6

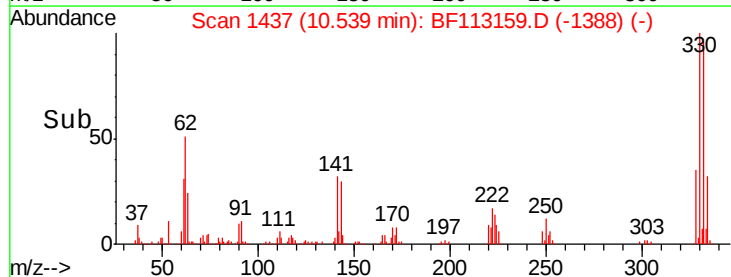
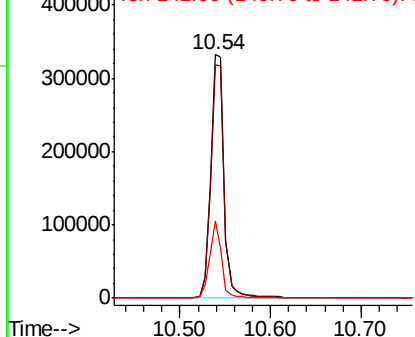


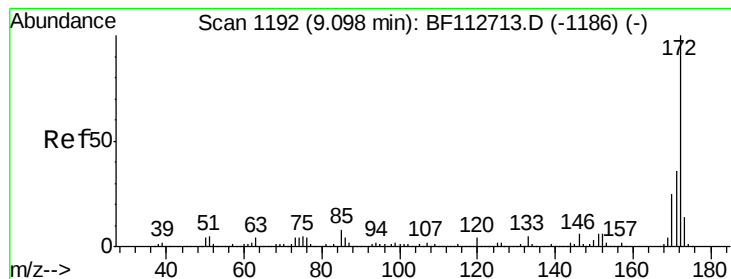
Abundance

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 :

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ClientSampleId :

PST-025-B128-031319

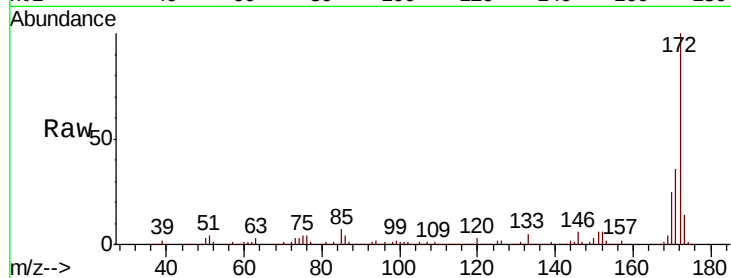
Tgt Ion:172 Resp: 1493672

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

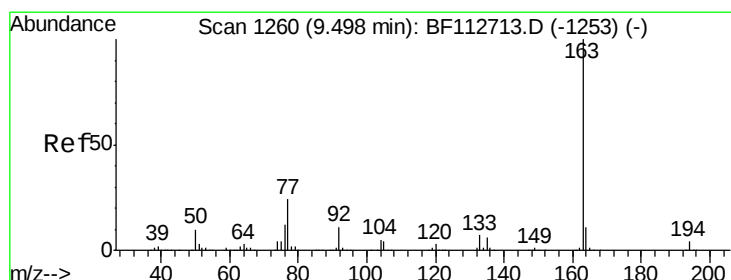
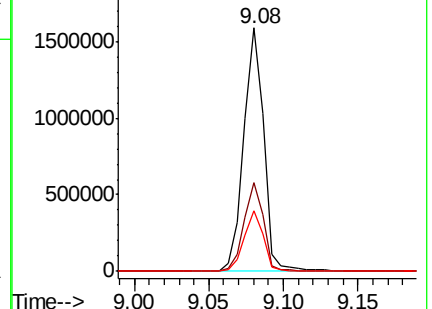
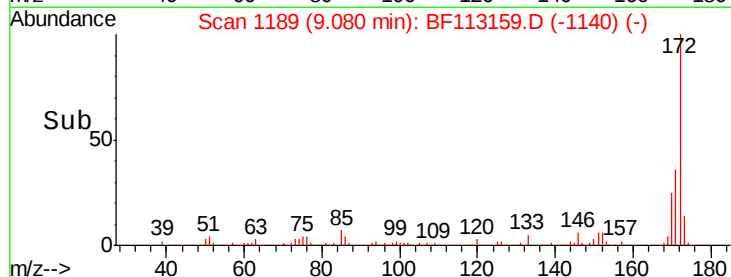
170 24.6 20.0 30.0



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

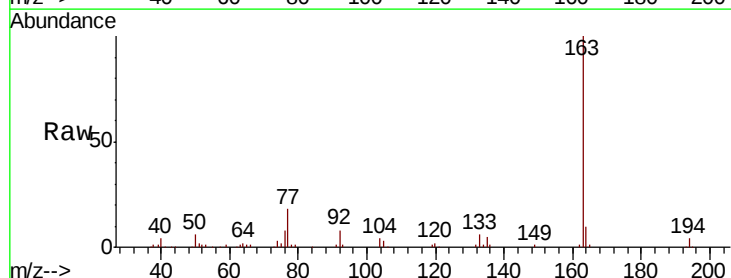
Tgt Ion:163 Resp: 187710

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

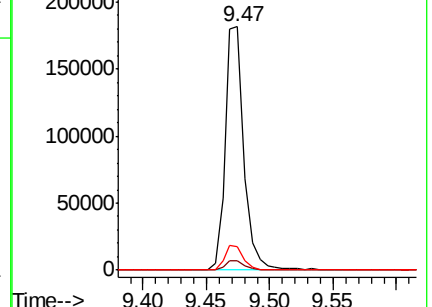
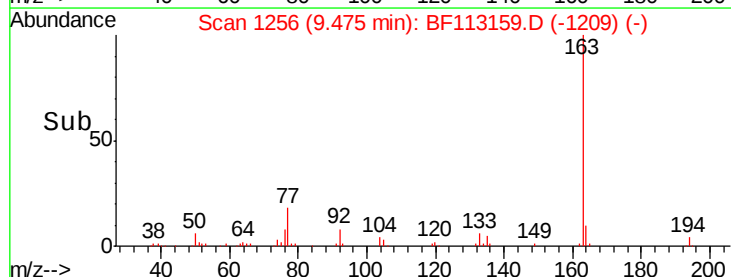
164 9.8 8.4 12.6



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

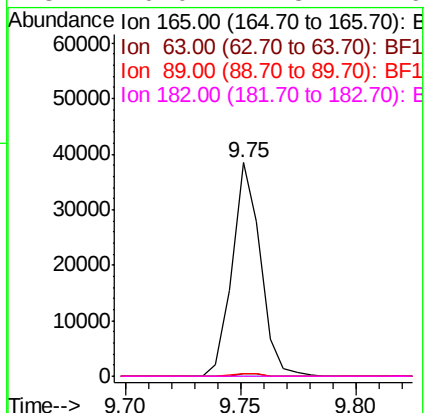
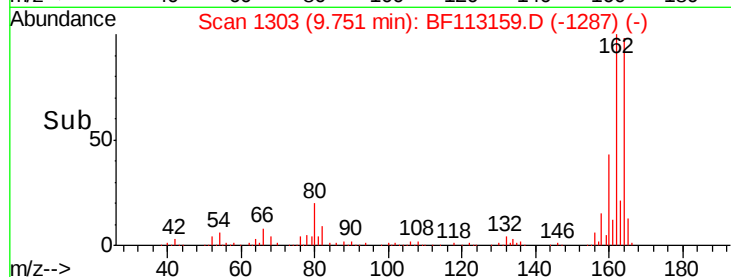
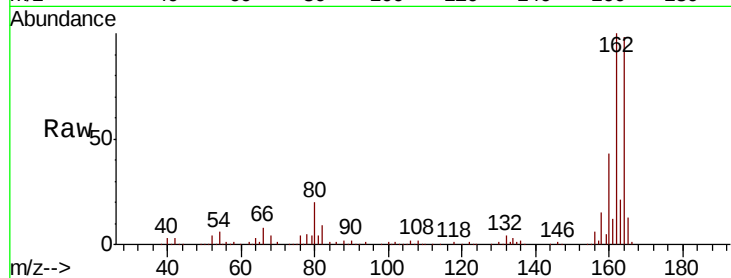




#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

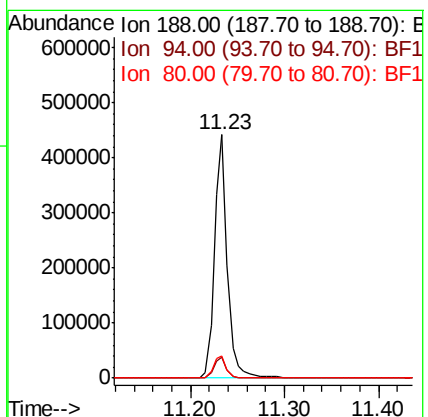
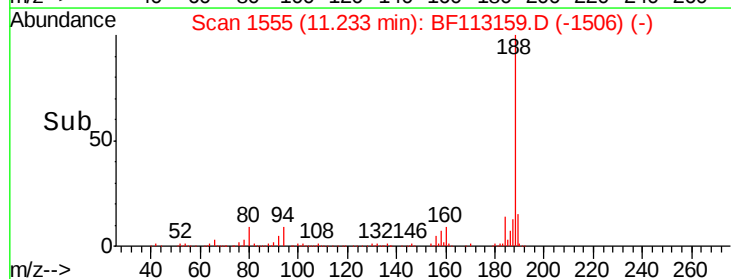
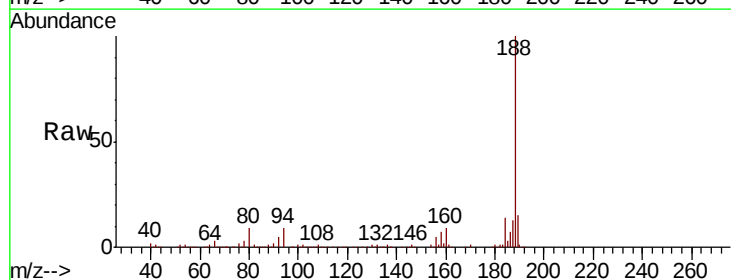
Instrument :
BNA_F
ClientSampleId :
PST-025-B128-031319

Tgt Ion:	165	Resp:	32860
Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#



#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

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#

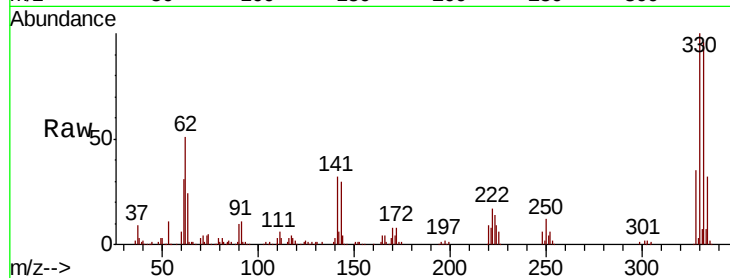




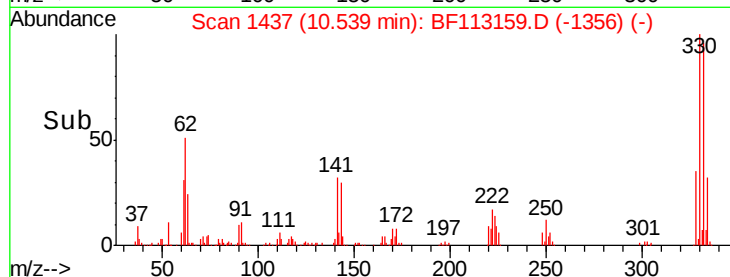
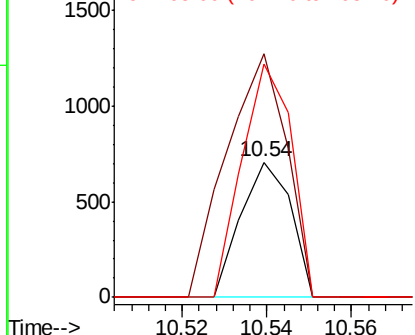
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.915 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF113159.D
 Acq: 20 Mar 2019 7:48

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

Tgt Ion:198 Resp: 582
 Ion Ratio Lower Upper
 198 100
 51 179.8 43.8 83.8#
 105 172.7 36.5 76.5#

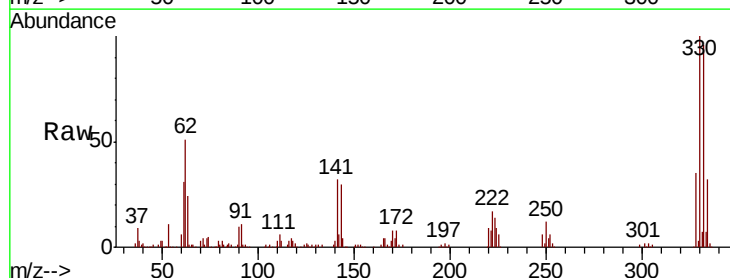


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

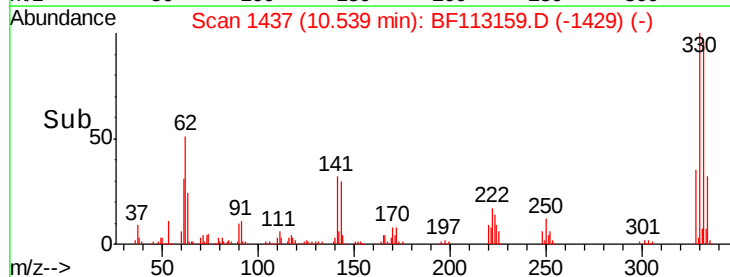
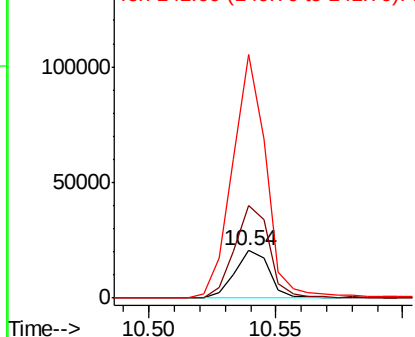


#67
 4-Bromophenyl-phenylether
 Concen: 4.417 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113159.D
 Acq: 20 Mar 2019 7:48

Tgt Ion:248 Resp: 19723
 Ion Ratio Lower Upper
 248 100
 250 194.6 77.5 116.3#
 141 511.3 62.4 93.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

PST-025-B128-031319

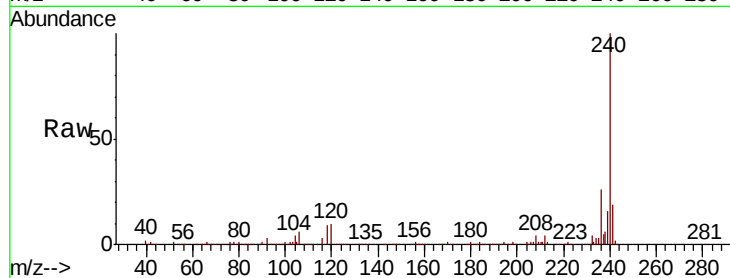
Tgt Ion:240 Resp: 374239

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

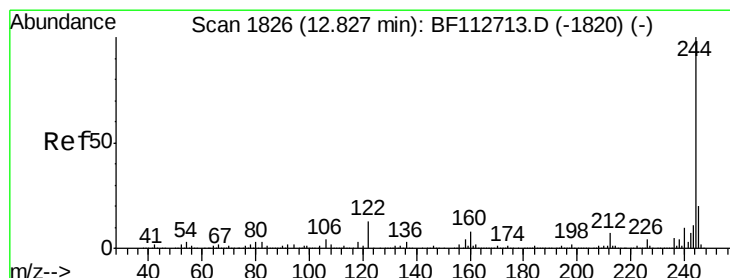
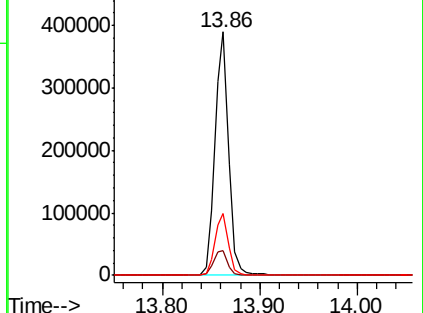
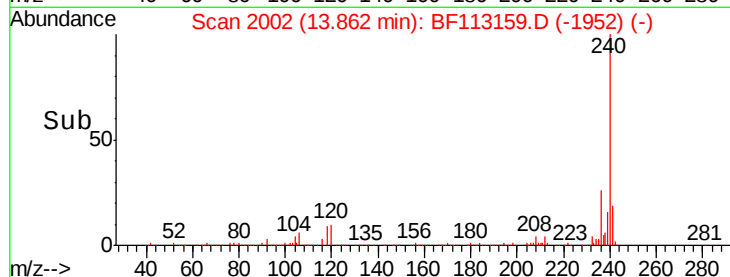
236 25.6 20.7 31.1



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: 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

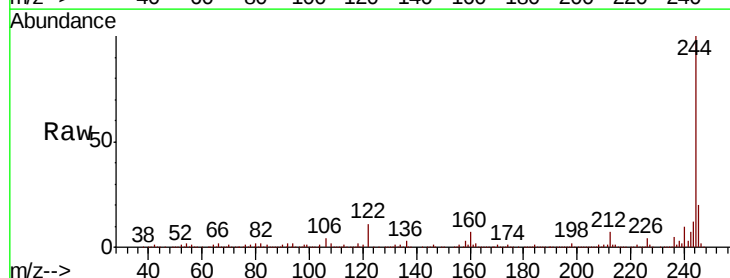
Tgt Ion:244 Resp: 1315343

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

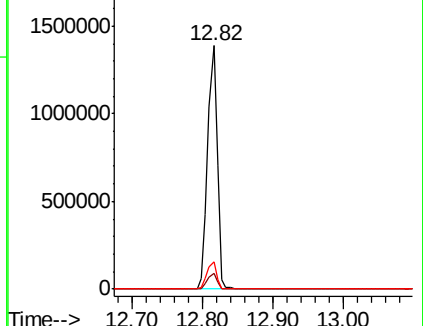
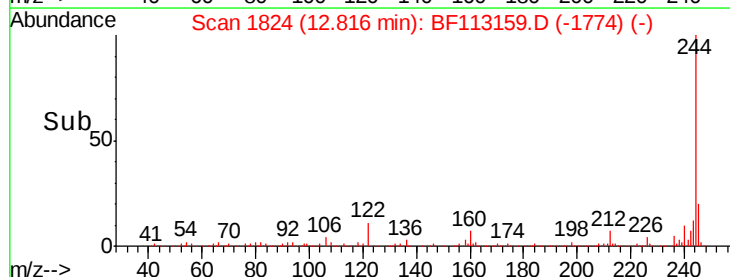
122 11.1 10.5 15.7

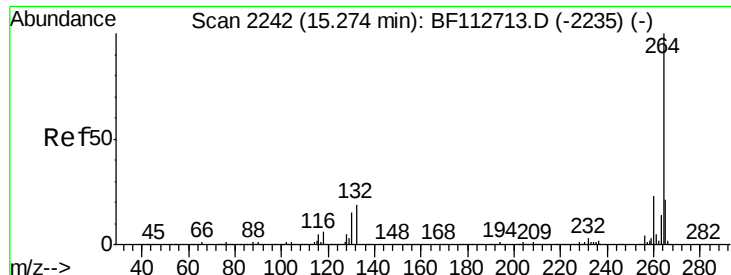


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

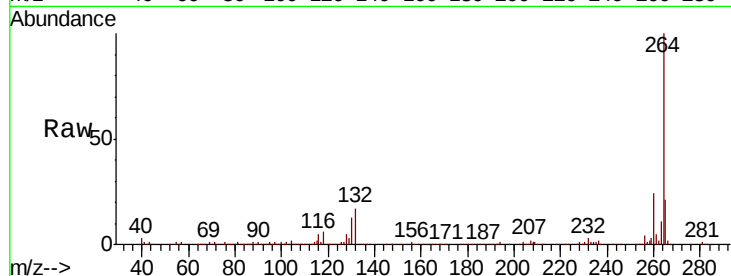




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113159.D
Acq: 20 Mar 2019 7:48

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

Tgt 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

