

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113156.D
 Acq On : 20 Mar 2019 6:24
 Operator : JU/SJ
 Sample : K1948-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW047-031319

Quant Time: Mar 20 07:20:24 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

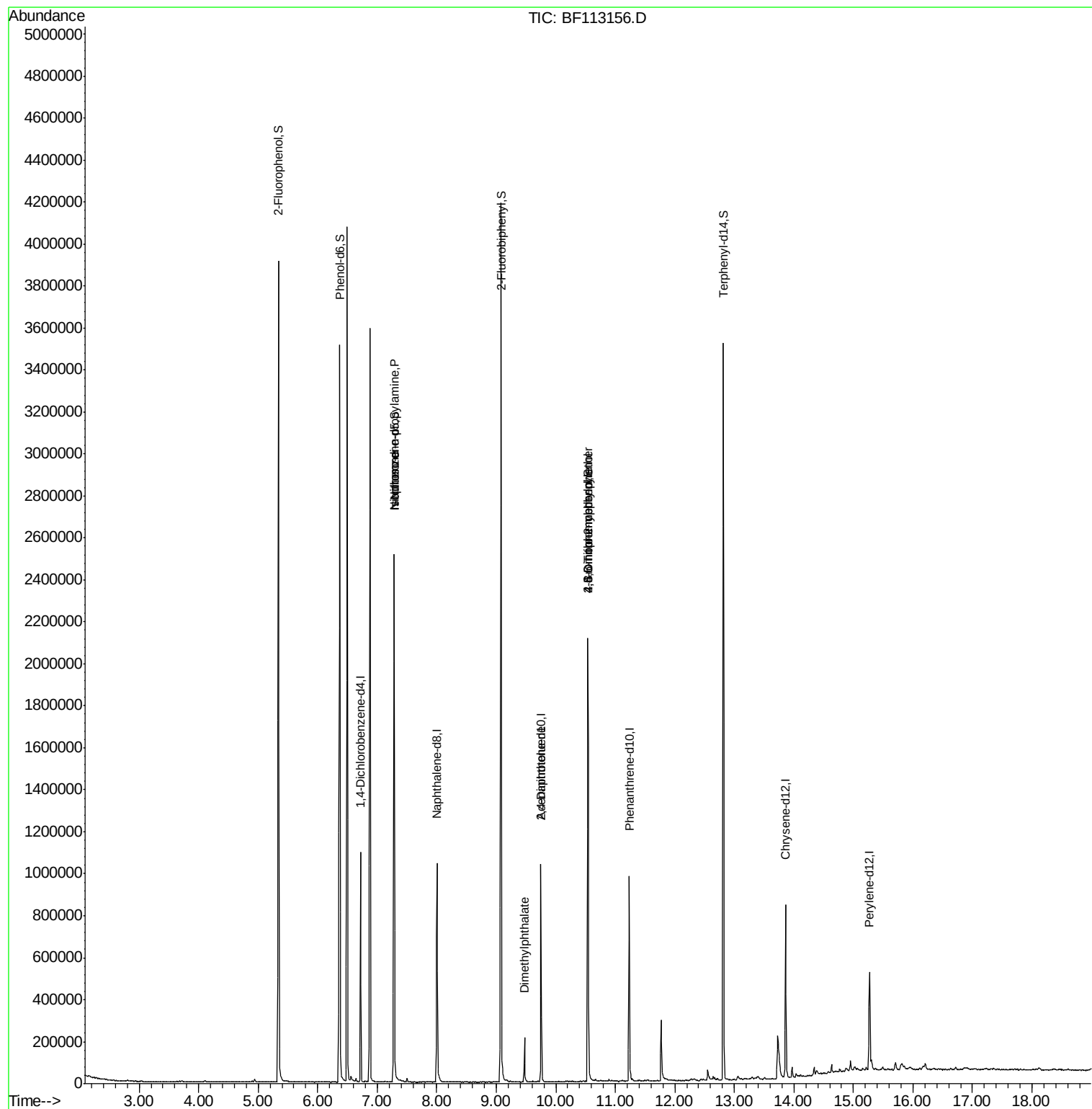
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157778	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	514121	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	225167	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	390844	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	298884	20.00	ng	0.00
87) Perylene-d12	15.27	264	231209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1175549	115.90	ng	0.00
7) Phenol-d6	6.37	99	1406153	110.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	875239	101.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	300793	125.83	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1325030	103.32	ng	-0.01
79) Terphenyl-d14	12.82	244	1267402	82.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	115195	14.275	ng	# 76
25) Isophorone	7.29	82	862236	46.582	ng	# 66
50) Dimethylphthalate	9.47	163	102948	6.201	ng	98
57) 2,4-Dinitrotoluene	9.75	165	28800	6.701	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	536	4.914	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	16436	3.992	ng	# 1

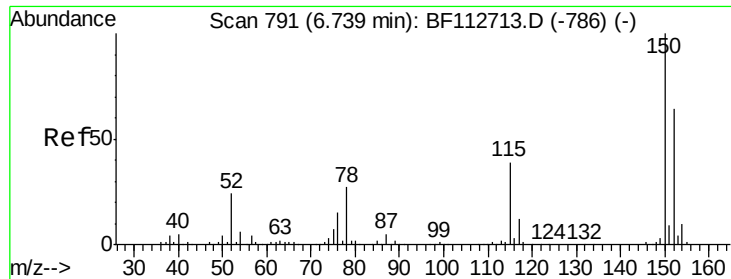
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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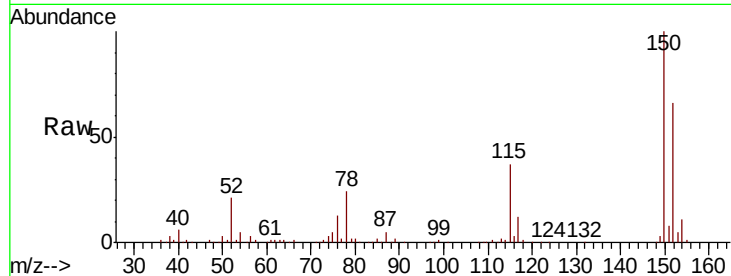


#1

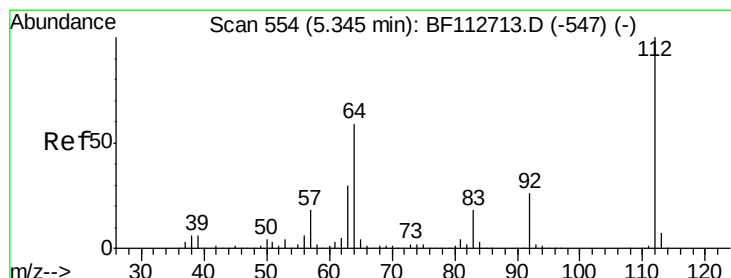
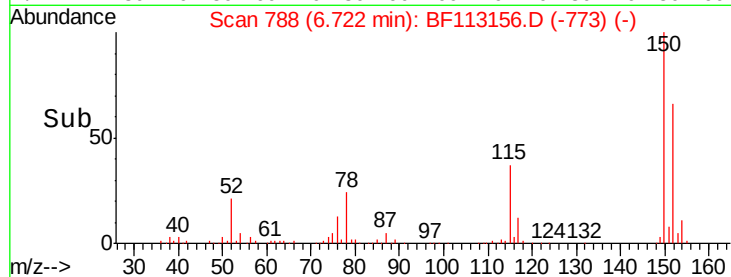
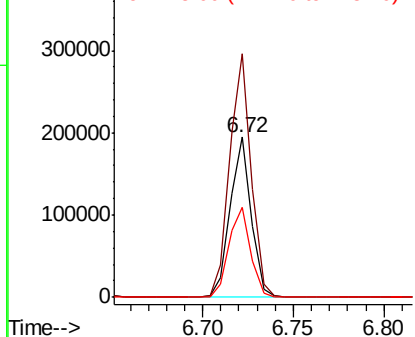
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113156.D
 Acq: 20 Mar 2019 6:24

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW047-031319

Tgt Ion:152 Resp: 157778
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.2 186.2
 115 56.3 48.2 72.4



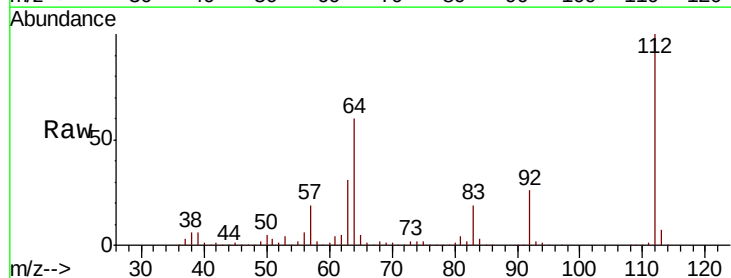
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



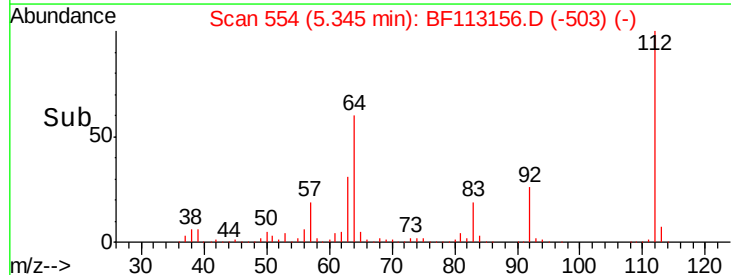
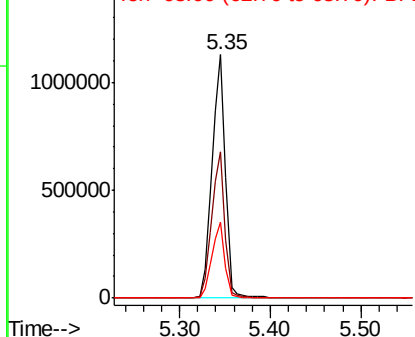
#5

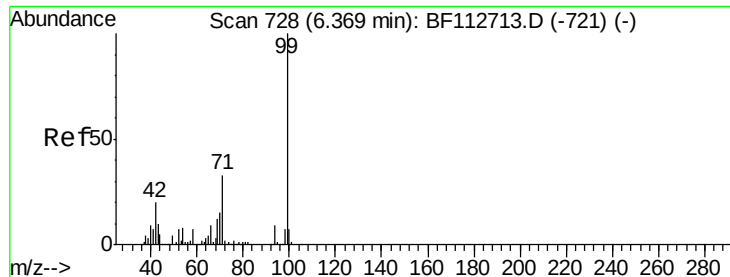
2-Fluorophenol
 Concen: 115.898 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113156.D
 Acq: 20 Mar 2019 6:24

Tgt Ion:112 Resp: 1175549
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.6 71.4
 63 31.1 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: 110.363 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

Instrument :

BNA_F

ClientSampleId :

PST-025-SW047-031319

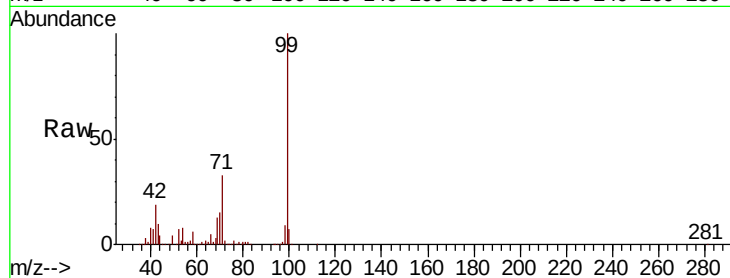
Tgt Ion: 99 Resp: 1406153

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

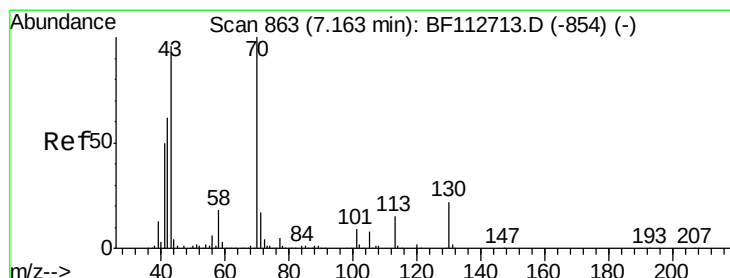
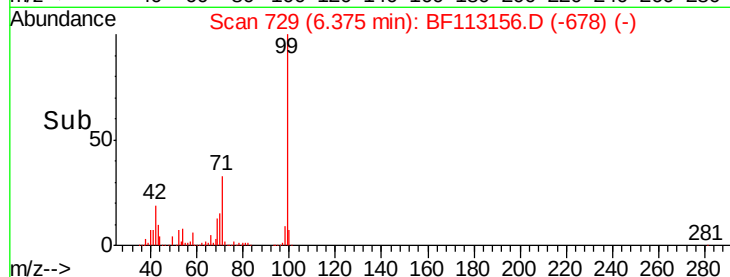
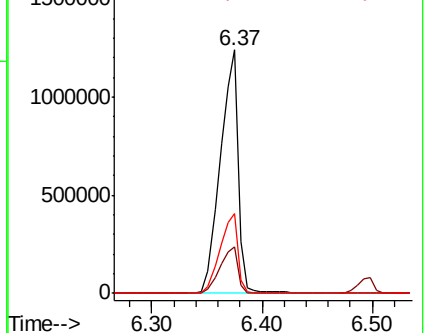
71 32.7 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.275 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

Tgt Ion: 70 Resp: 115195

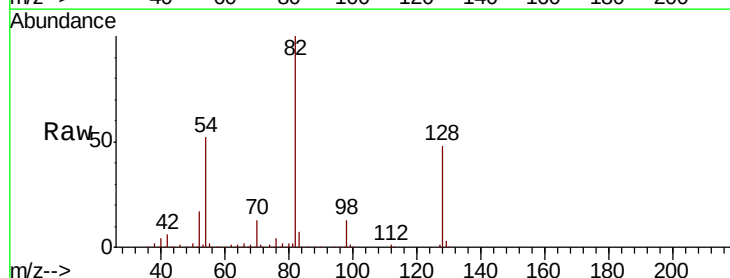
Ion Ratio Lower Upper

70 100

42 48.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

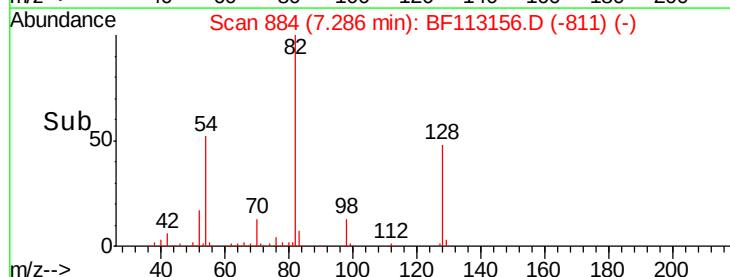
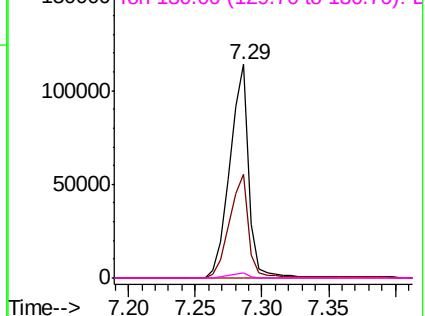


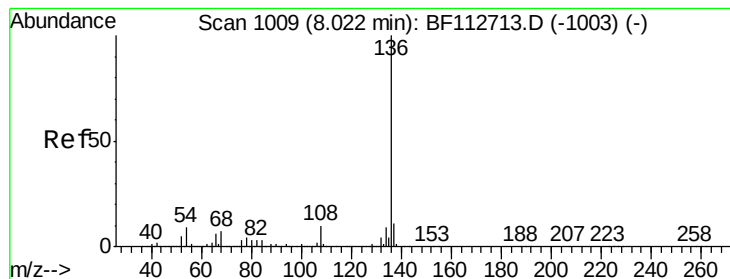
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

Instrument :

BNA_F

ClientSampleId :

PST-025-SW047-031319

Tgt Ion: 136 Resp: 514121

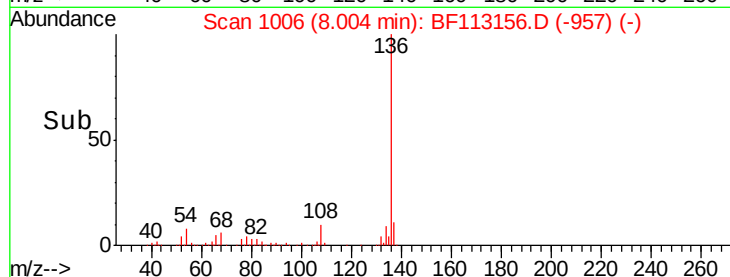
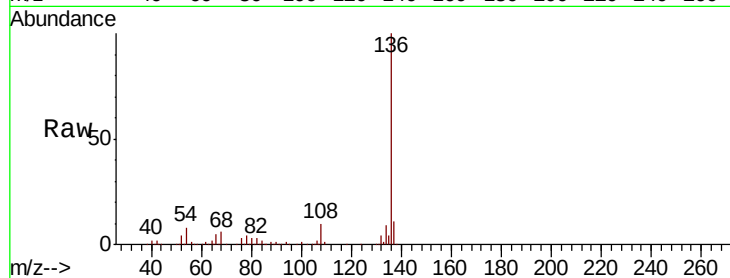
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 7.3 10.9

68 5.7 5.4 8.2

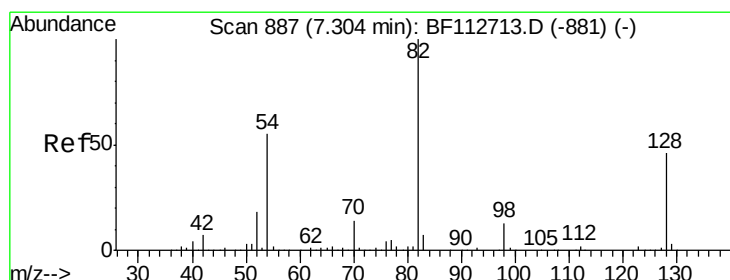
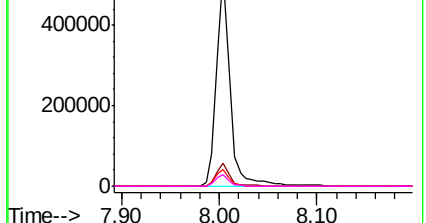


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.868 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

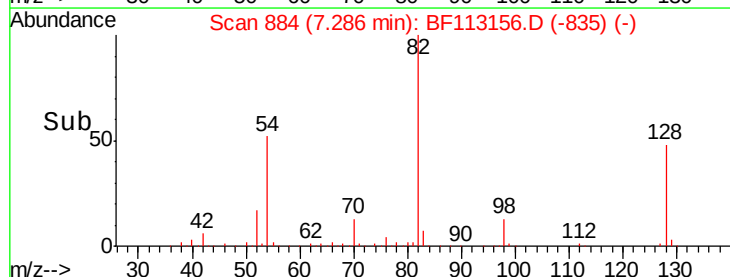
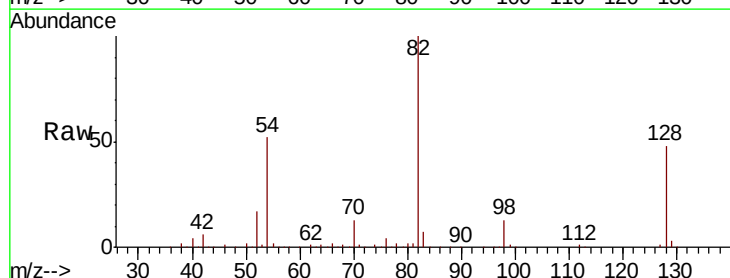
Tgt Ion: 82 Resp: 875239

Ion Ratio Lower Upper

82 100

128 47.7 36.3 54.5

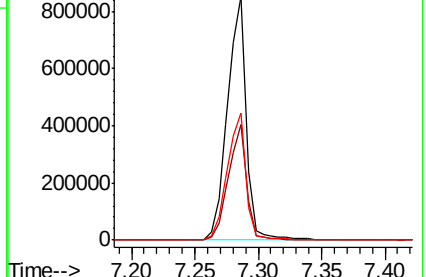
54 52.0 43.7 65.5

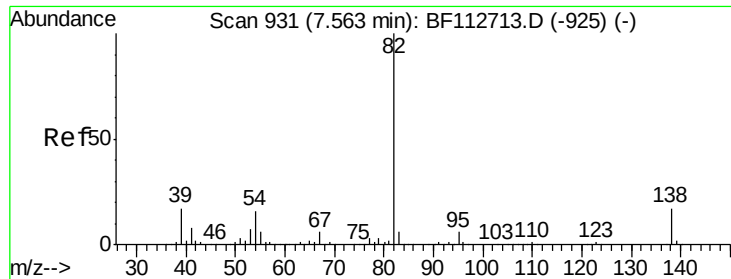


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.582 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

Instrument :

BNA_F

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PST-025-SW047-031319

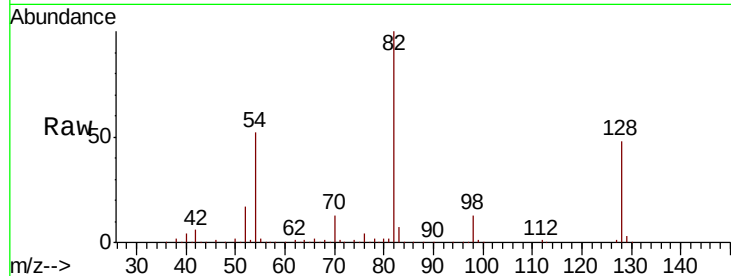
Tgt Ion: 82 Resp: 862236

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

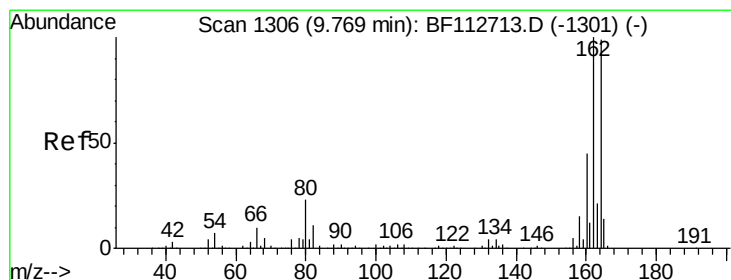
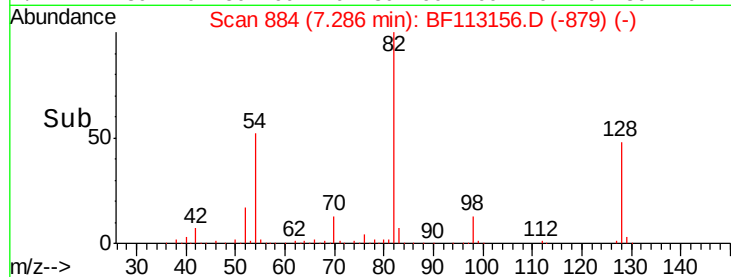
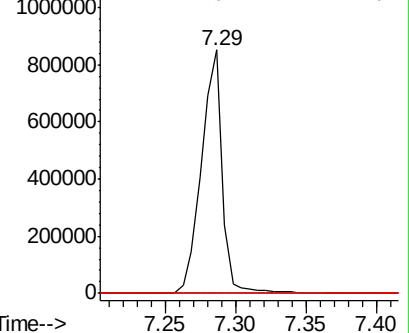
138 0.0 13.8 20.8#



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: BF113156.D

Acq: 20 Mar 2019 6:24

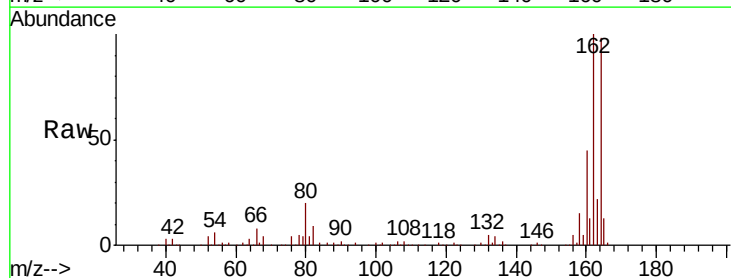
Tgt Ion: 164 Resp: 225167

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

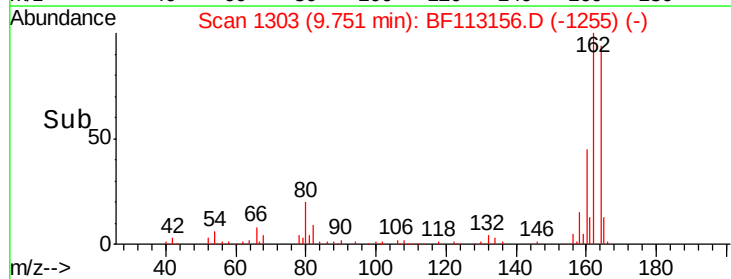
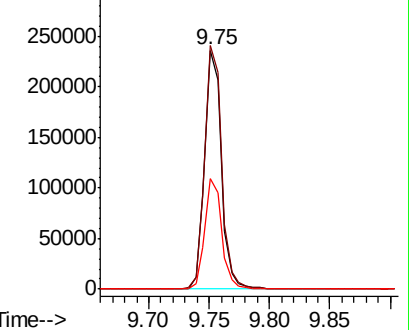
160 46.3 36.0 54.0

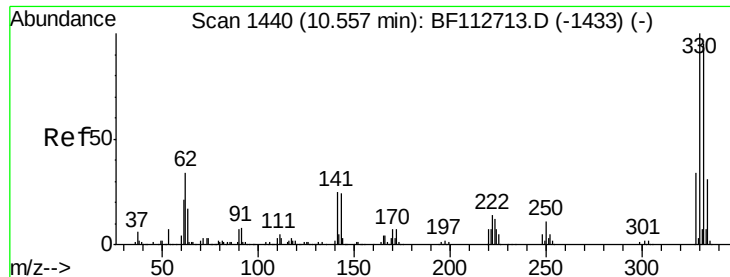


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

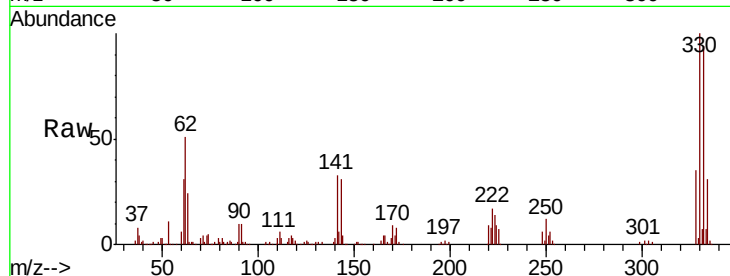




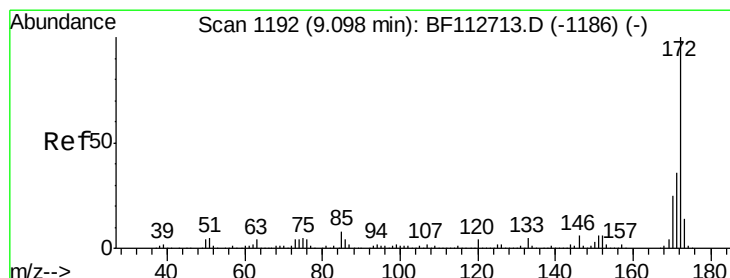
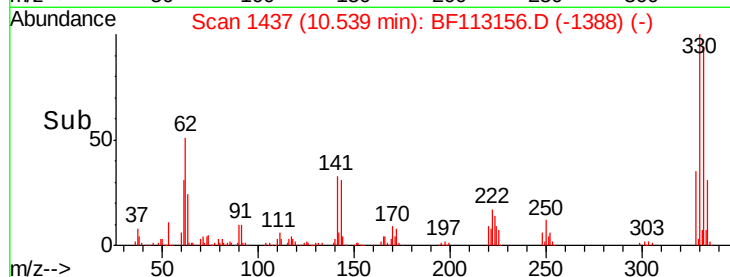
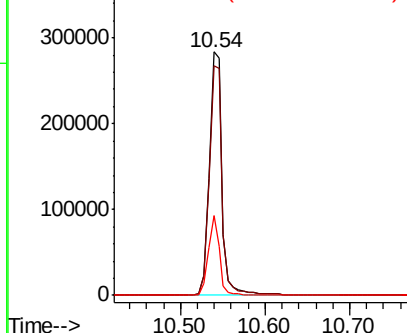
#42
 2,4,6-Tribromophenol
 Concen: 125.832 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113156.D
 Acq: 20 Mar 2019 6:24

Instrument :
 BNA_F
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 PST-025-SW047-031319

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.6	27.0	40.6

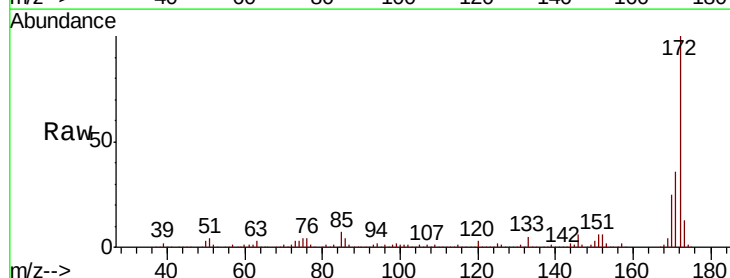


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

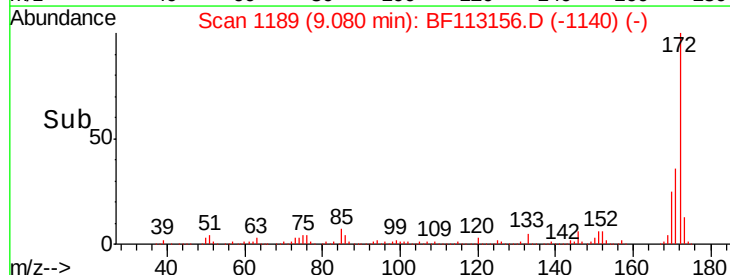
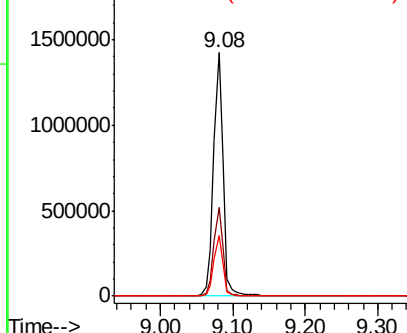


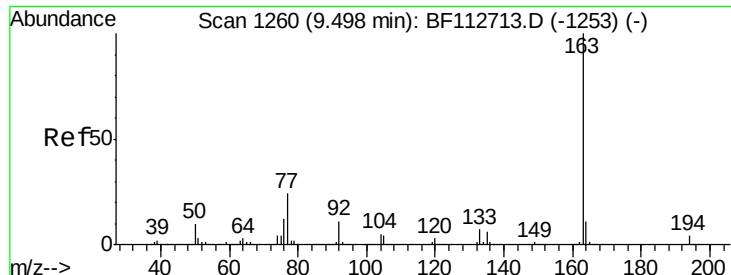
#45
 2-Fluorobiphenyl
 Concen: 103.319 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113156.D
 Acq: 20 Mar 2019 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.8	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

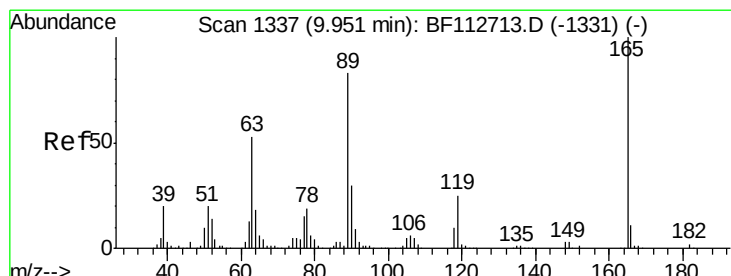
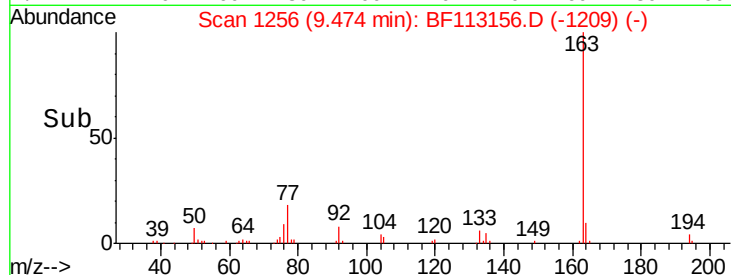
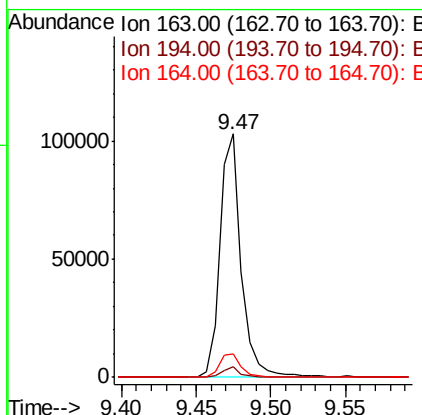
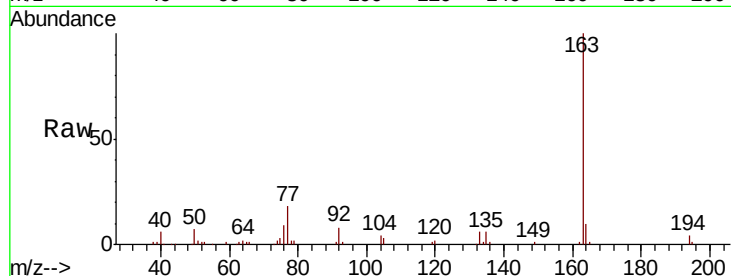




#50
Dimethylphthalate
Concen: 6.201 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113156.D
Acq: 20 Mar 2019 6:24

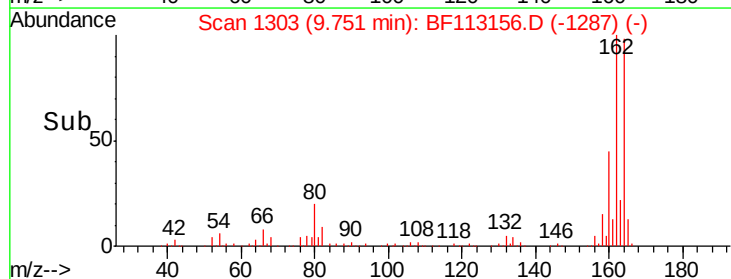
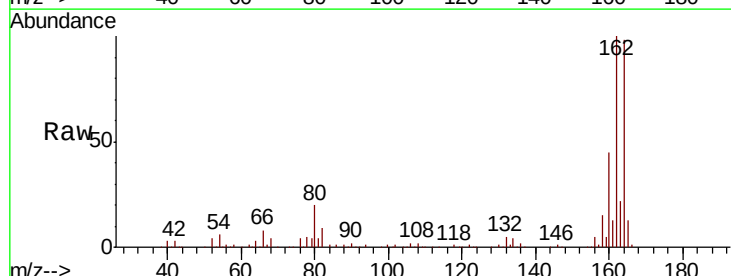
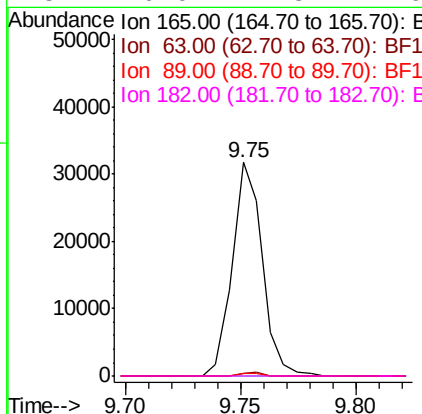
Instrument :
BNA_F
ClientSampleId :
PST-025-SW047-031319

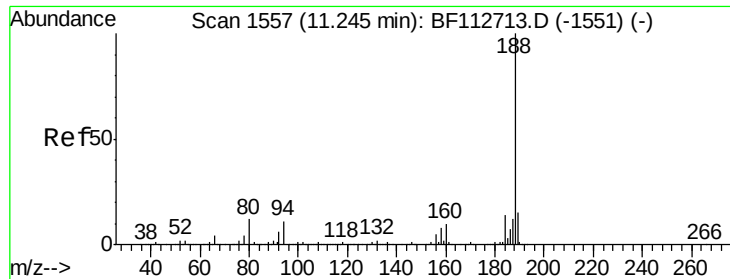
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4
164	9.5	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113156.D
Acq: 20 Mar 2019 6:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.1	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: BF113156.D

Acq: 20 Mar 2019 6:24

Instrument :

BNA_F

ClientSampleId :

PST-025-SW047-031319

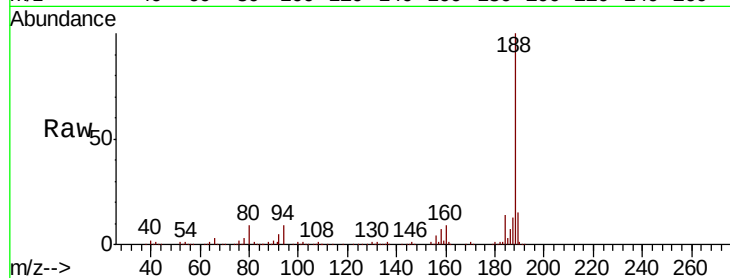
Tgt Ion:188 Resp: 390844

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

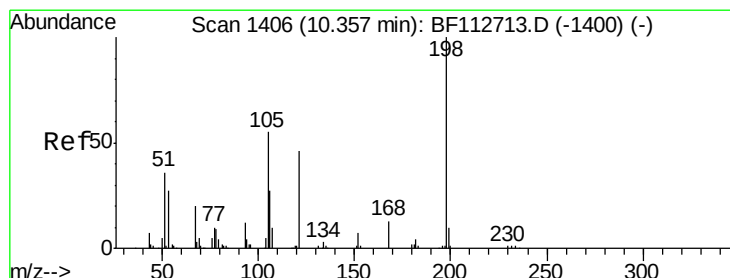
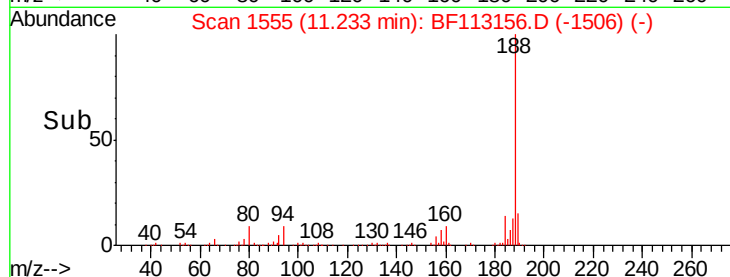
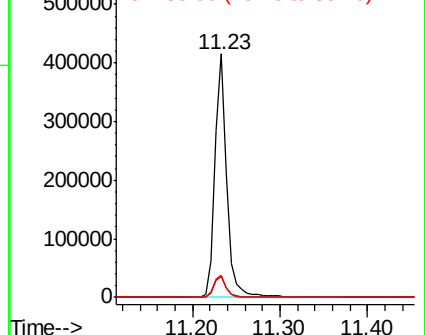
80 8.9 9.2 13.8#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.914 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

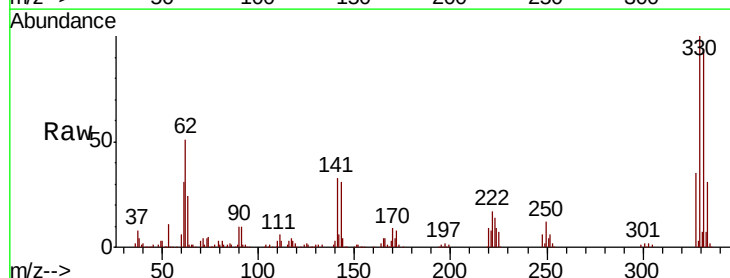
Tgt Ion:198 Resp: 536

Ion Ratio Lower Upper

198 100

51 159.7 43.8 83.8#

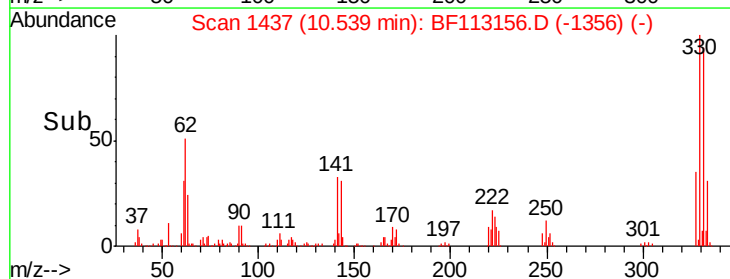
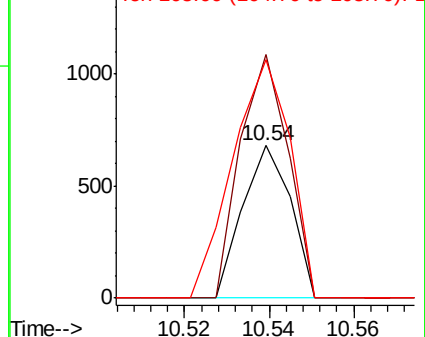
105 156.8 36.5 76.5#

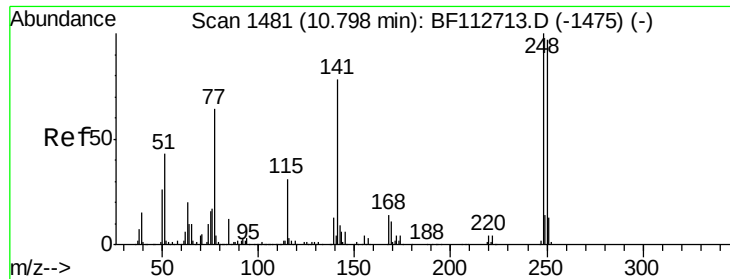


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

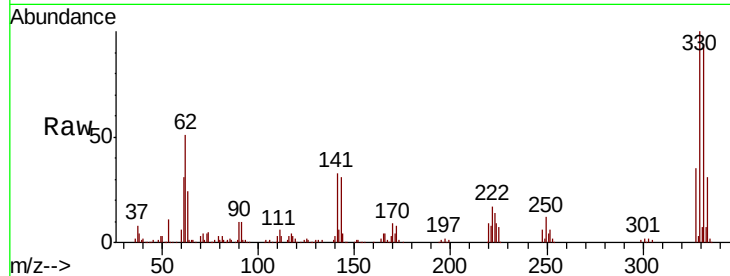




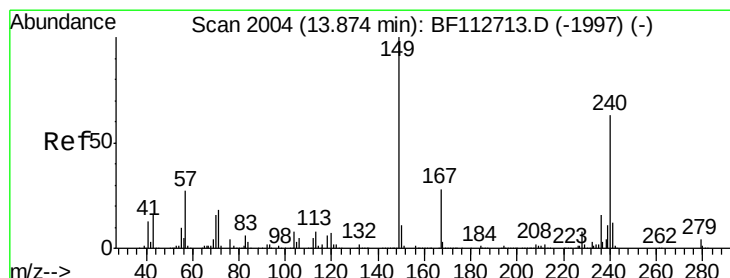
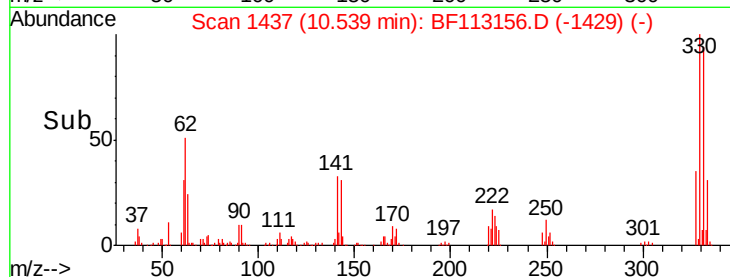
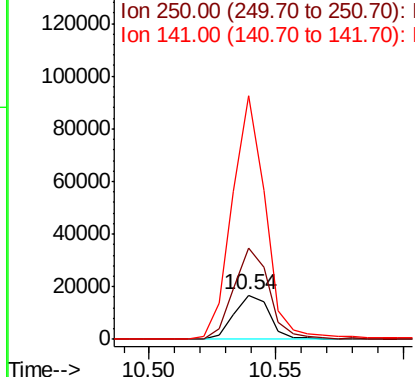
#67
4-Bromophenyl-phenylether
Concen: 3.992 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113156.D
Acq: 20 Mar 2019 6:24

Instrument :
BNA_F
ClientSampleId :
PST-025-SW047-031319

Tgt Ion:248 Resp: 16436
Ion Ratio Lower Upper
248 100
250 204.2 77.5 116.3#
141 547.7 62.4 93.6#

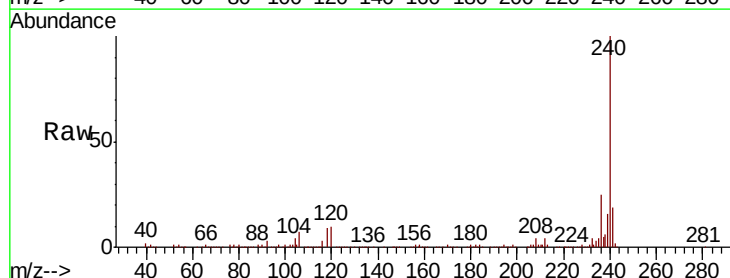


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

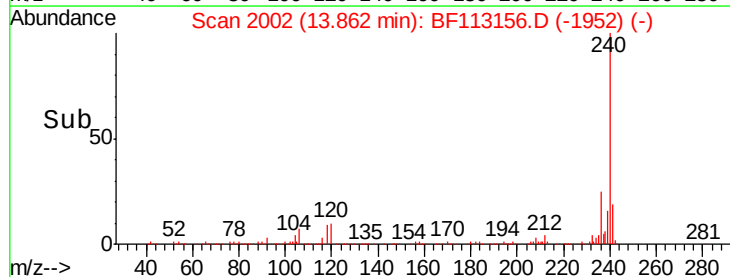
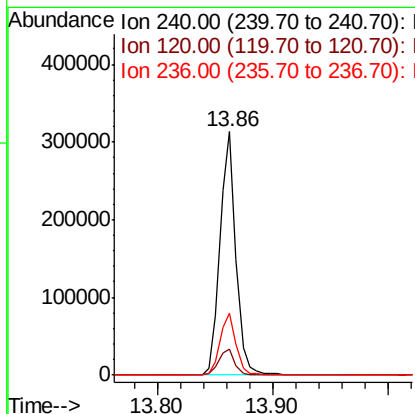


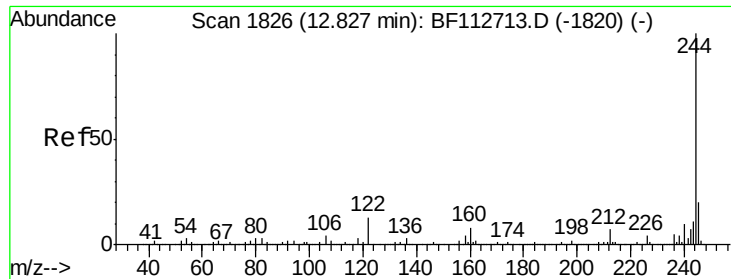
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113156.D
Acq: 20 Mar 2019 6:24

Tgt Ion:240 Resp: 298884
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.3 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: 82.201 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113156.D

Acq: 20 Mar 2019 6:24

Instrument :

BNA_F

ClientSampleId :

PST-025-SW047-031319

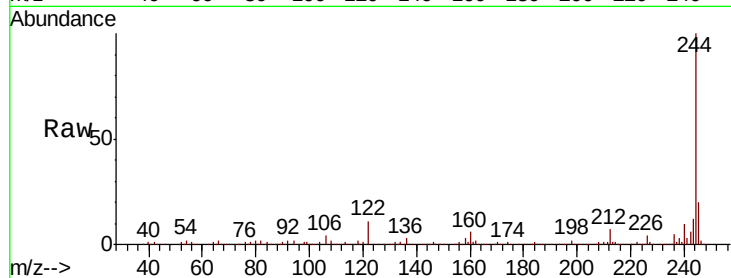
Tgt Ion:244 Resp: 1267402

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

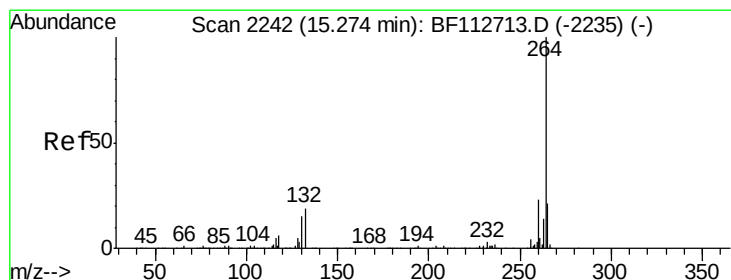
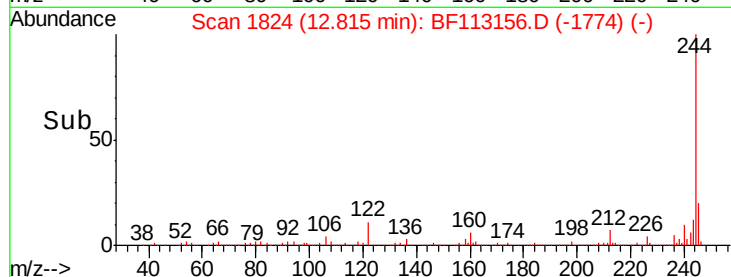
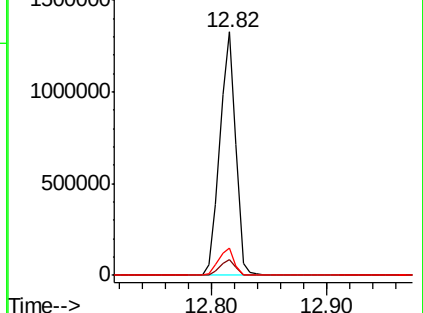
122 11.1 10.5 15.7



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: BF113156.D

Acq: 20 Mar 2019 6:24

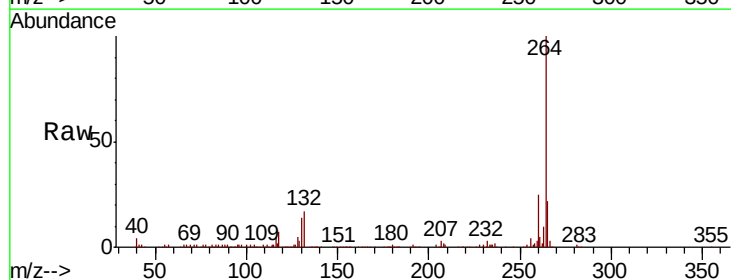
Tgt Ion:264 Resp: 231209

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.5 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

