

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113158.D
 Acq On : 20 Mar 2019 7:20
 Operator : JU/SJ
 Sample : K1948-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW080-031319

Quant Time: Mar 20 08:19:21 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

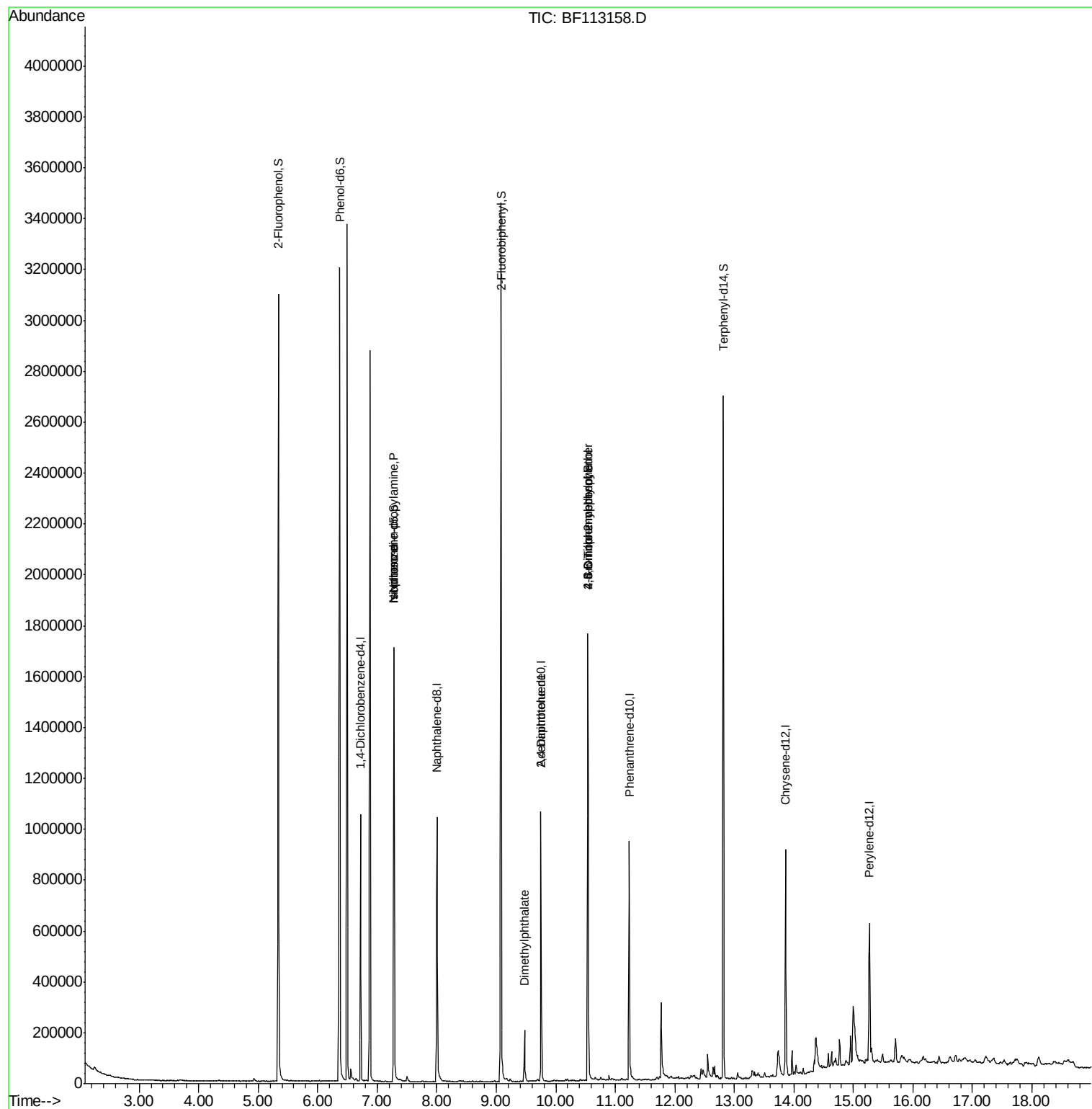
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150081	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	513415	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	223501	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	373093	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	321333	20.00	ng	0.00
87) Perylene-d12	15.27	264	261755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	961845	99.69	ng	0.00
7) Phenol-d6	6.37	99	1264137	104.30	ng	0.00
23) Nitrobenzene-d5	7.28	82	639639	74.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	242327	102.13	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1096894	80.08	ng	-0.01
79) Terphenyl-d14	12.82	244	945623	57.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	83552	10.885	ng	# 76
25) Isophorone	7.28	82	629573	34.059	ng	# 66
50) Dimethylphthalate	9.47	163	98907	6.002	ng	98
57) 2,4-Dinitrotoluene	9.75	165	28874	6.769	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	442	4.873	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	13891	3.535	ng	# 1

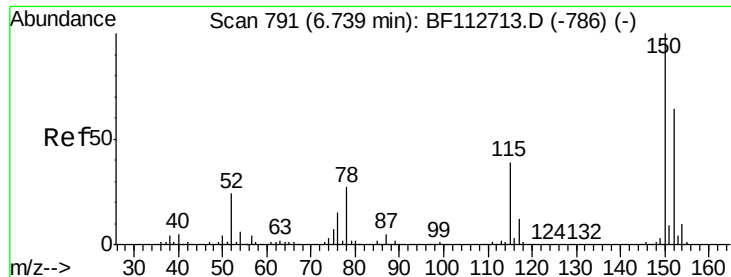
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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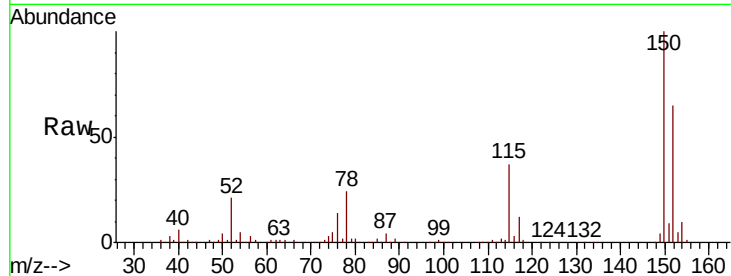




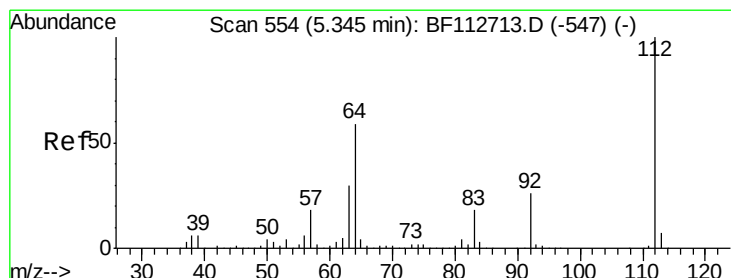
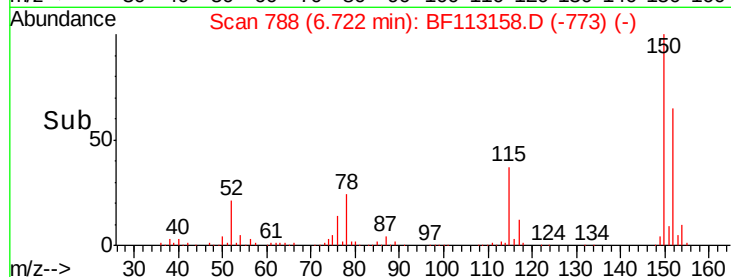
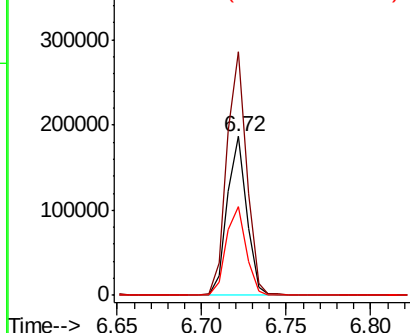
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW080-031319

Tgt Ion:152 Resp: 150081
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.2 186.2
 115 56.3 48.2 72.4

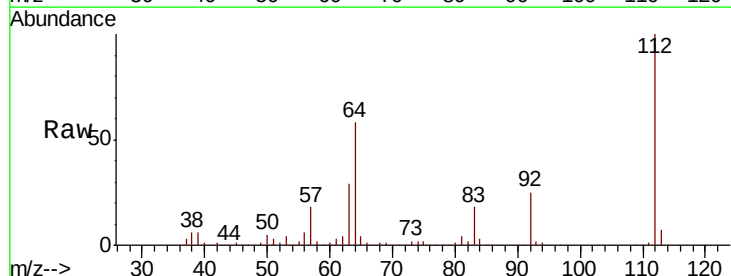


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

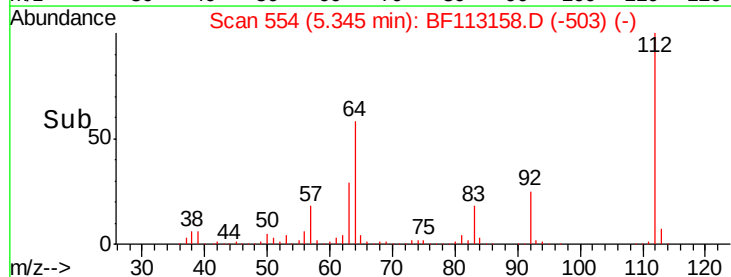
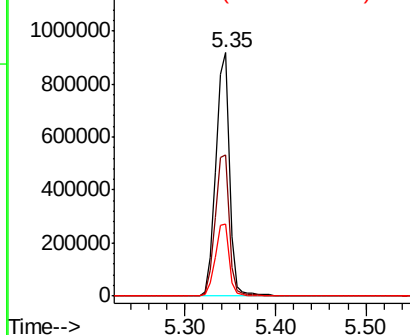


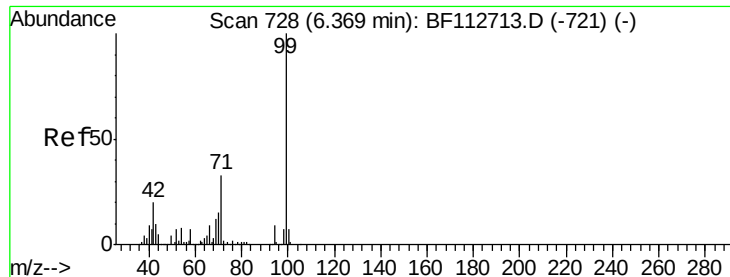
#5
 2-Fluorophenol
 Concen: 99.692 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Tgt Ion:112 Resp: 961845
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.6 71.4
 63 29.5 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: 104.305 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

PST-025-SW080-031319

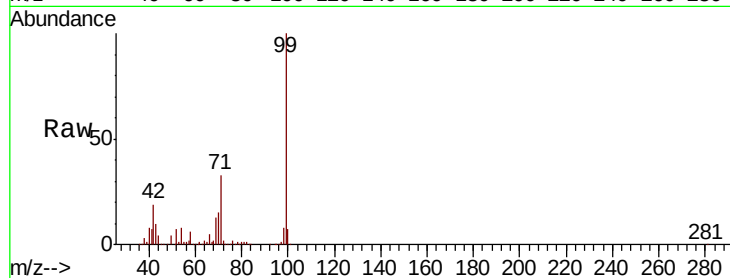
Tgt Ion: 99 Resp: 1264137

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

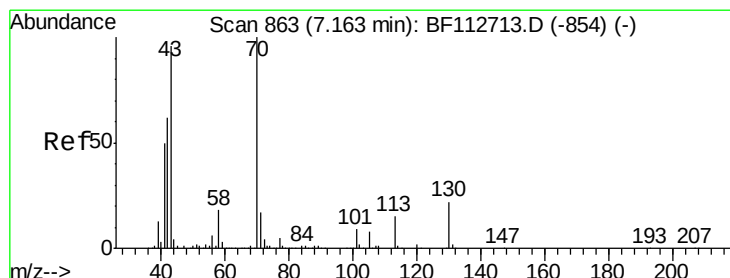
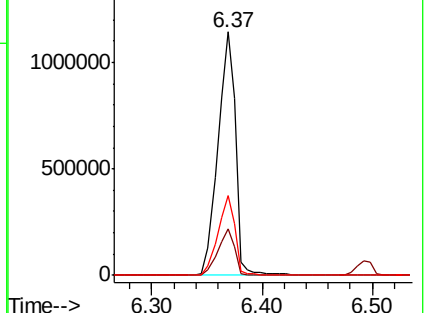
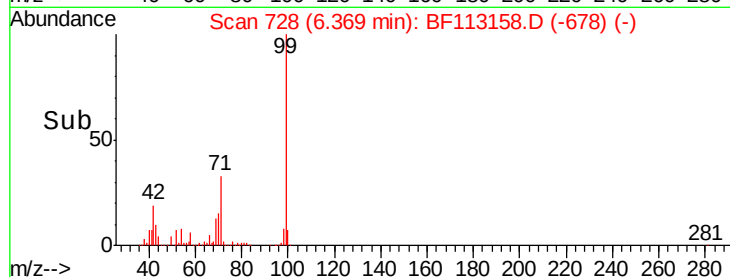
71 32.6 26.2 39.4



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: 10.885 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

Tgt Ion: 70 Resp: 83552

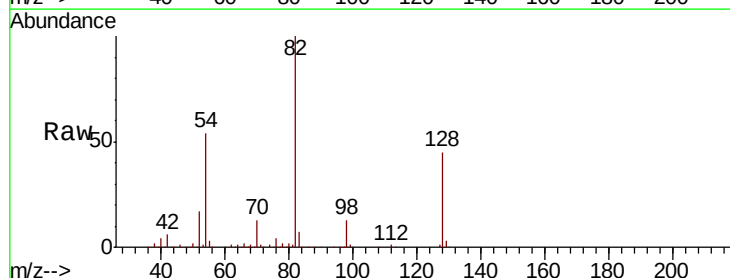
Ion Ratio Lower Upper

70 100

42 48.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

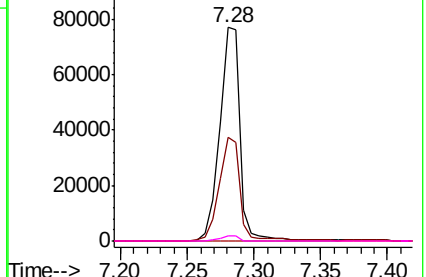
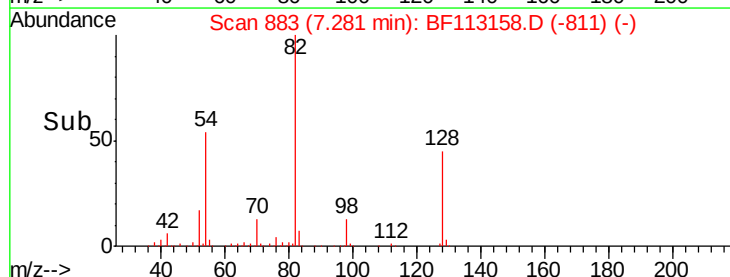


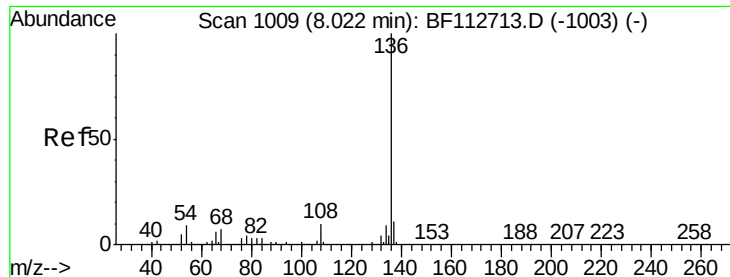
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

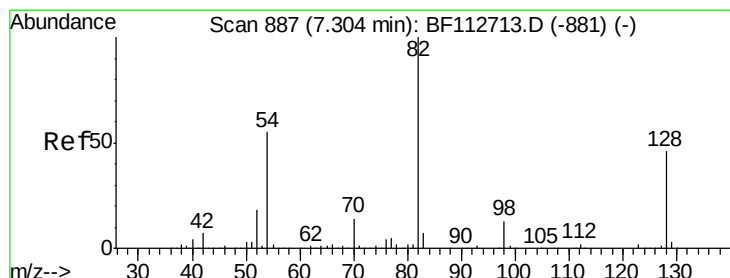
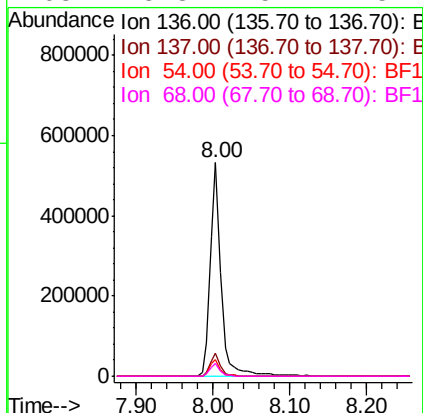
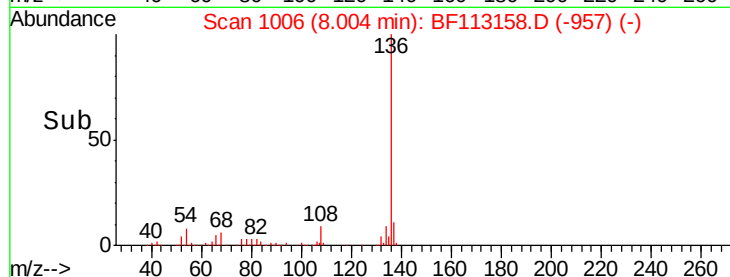
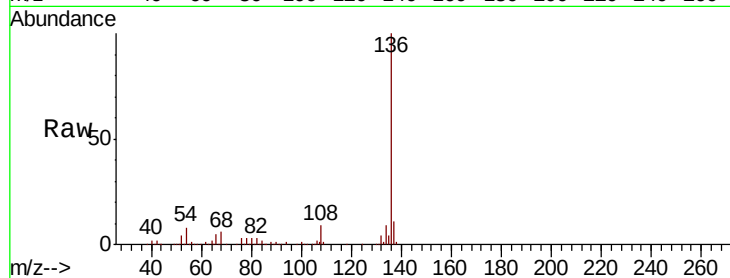




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

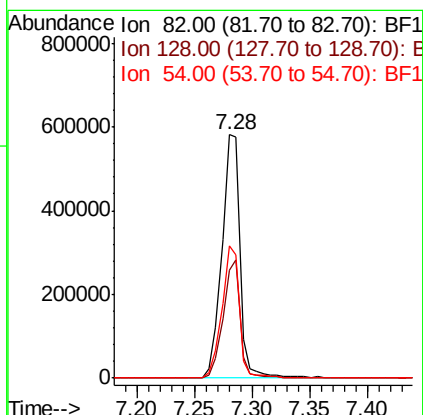
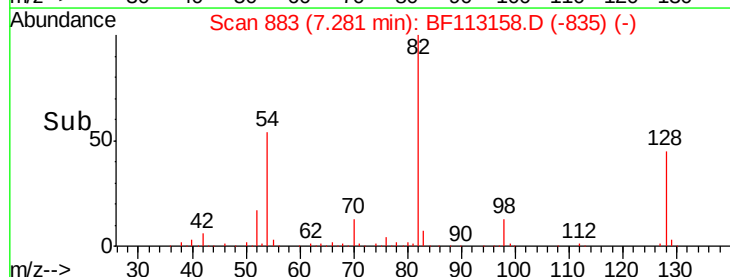
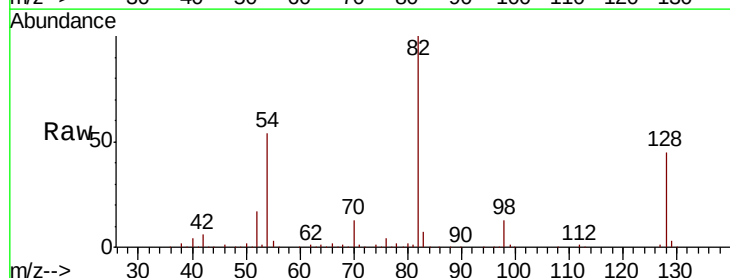
Instrument :
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PST-025-SW080-031319

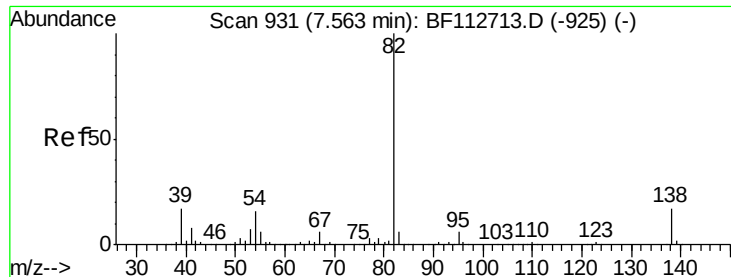
Tgt Ion:	136	Resp:	513415
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	7.3	10.9
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 74.549 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

Tgt Ion:	82	Resp:	639639
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.3	54.5
54	54.1	43.7	65.5





#25

Isophorone

Concen: 34.059 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

PST-025-SW080-031319

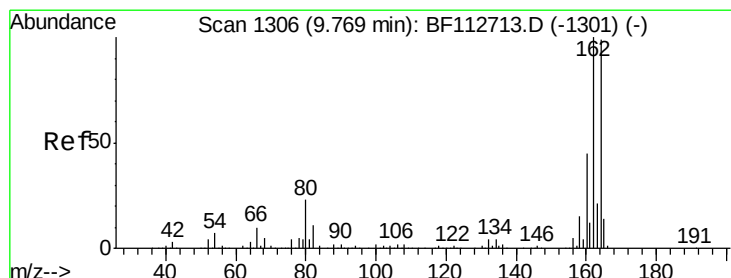
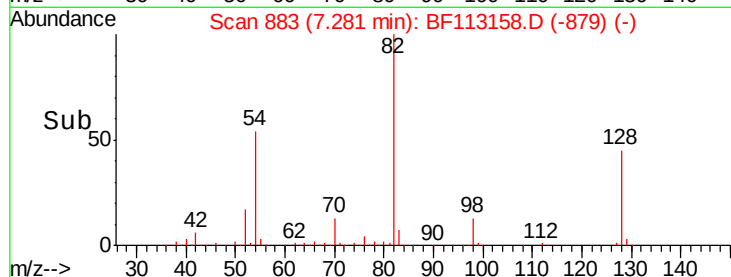
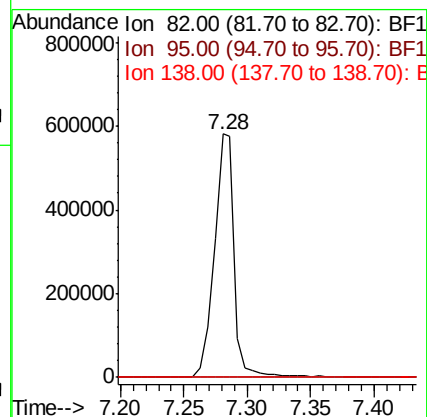
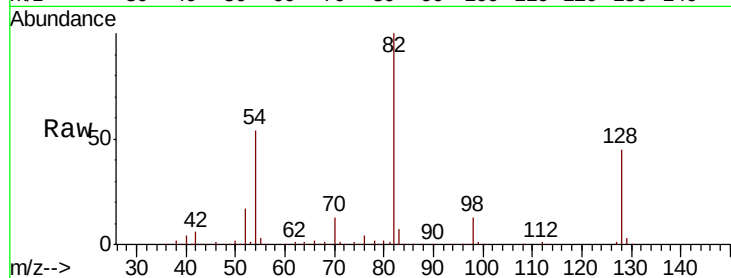
Tgt Ion: 82 Resp: 629573

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

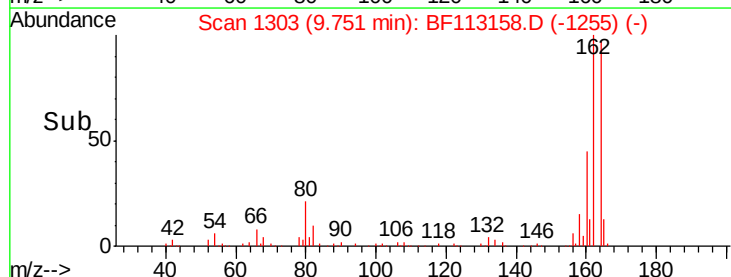
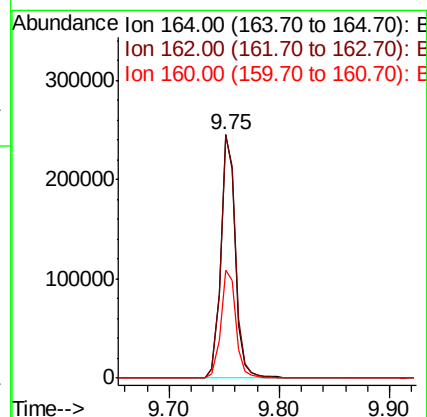
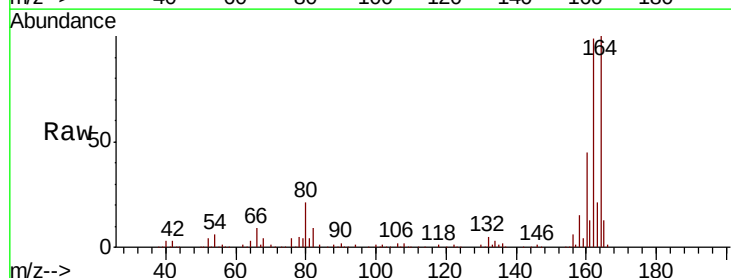
Tgt Ion: 164 Resp: 223501

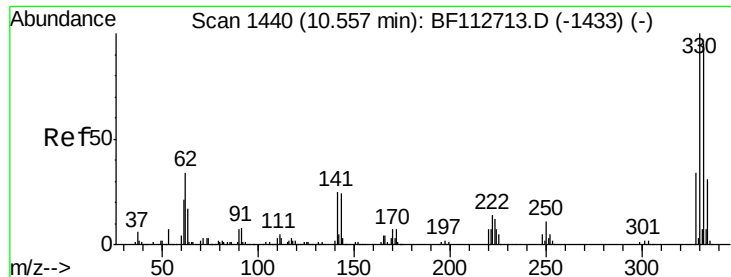
Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

160 44.6 36.0 54.0

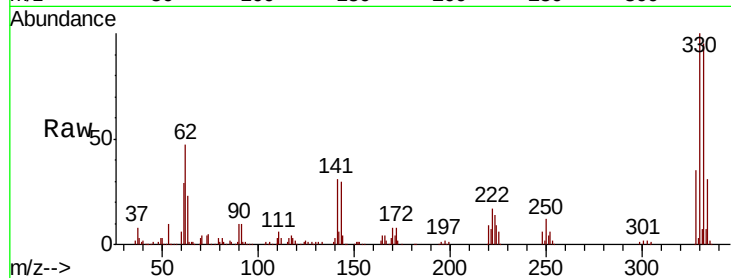




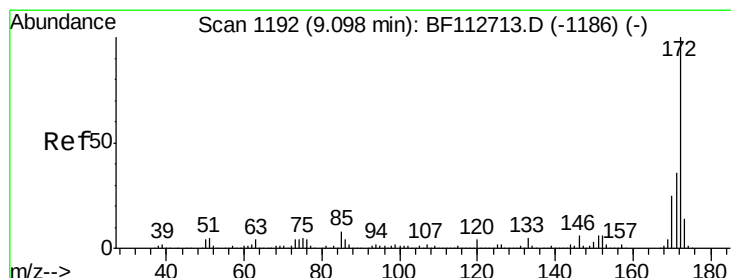
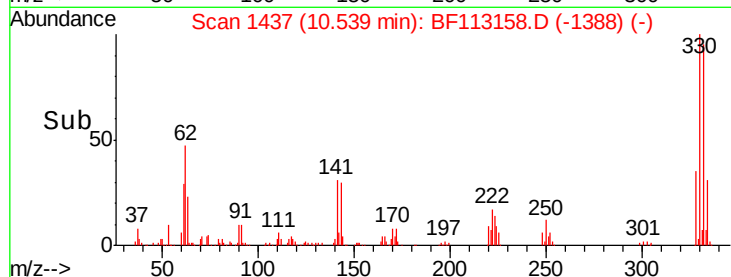
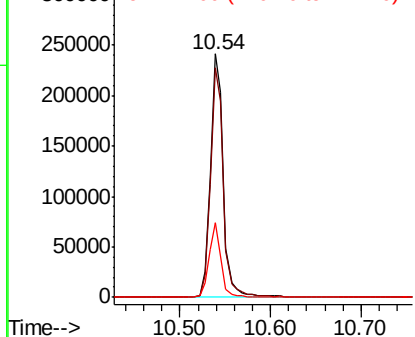
#42
 2,4,6-Tribromophenol
 Concen: 102.129 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW080-031319

Tgt Ion:330 Resp: 242327
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 28.7 27.0 40.6

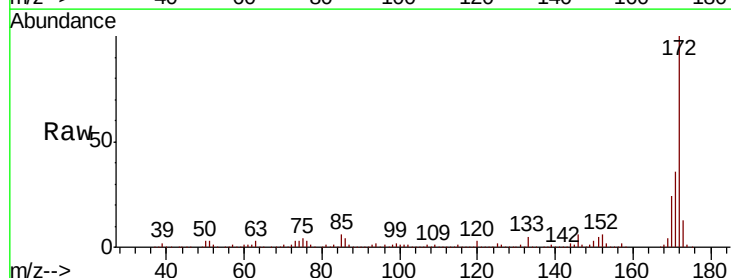


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

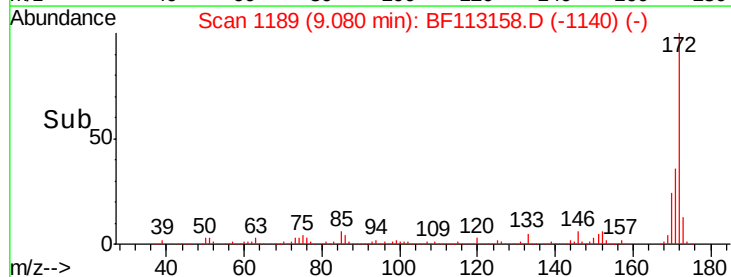
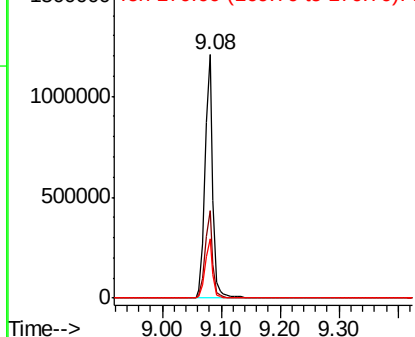


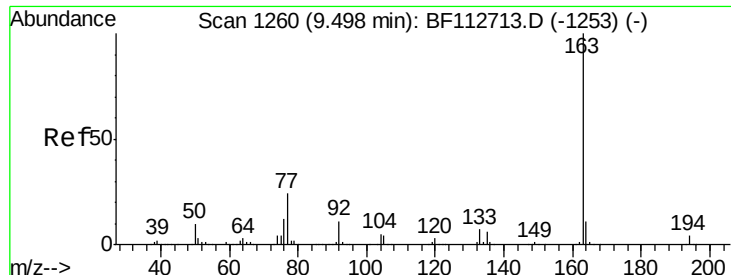
#45
 2-Fluorobiphenyl
 Concen: 80.078 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Tgt Ion:172 Resp: 1096894
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.3 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

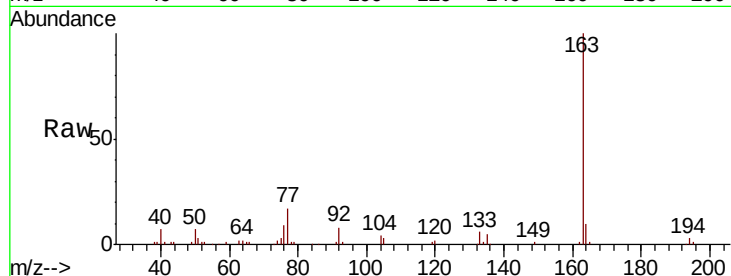




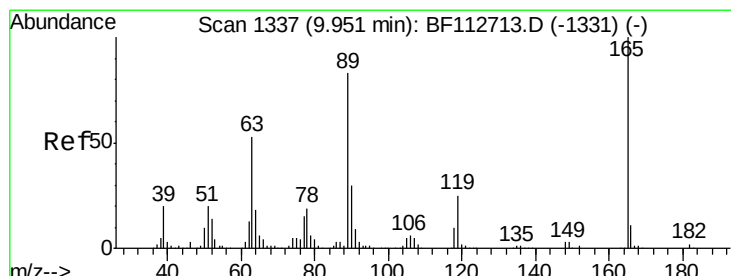
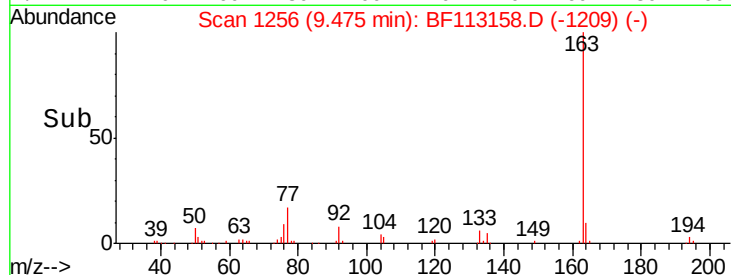
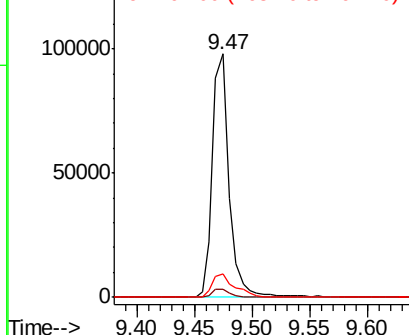
#50
Dimethylphthalate
Concen: 6.002 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

Instrument :
BNA_F
ClientSampleId :
PST-025-SW080-031319

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.6	8.4	12.6

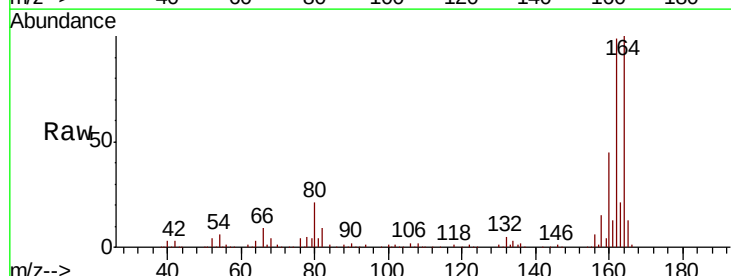


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

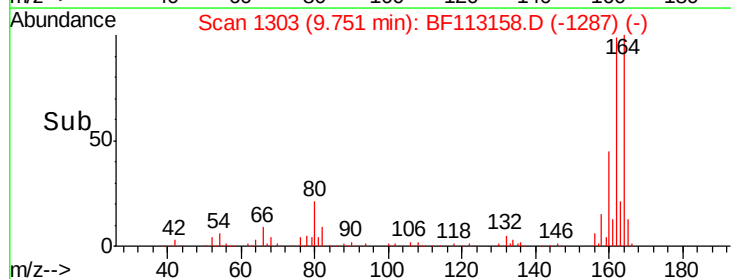
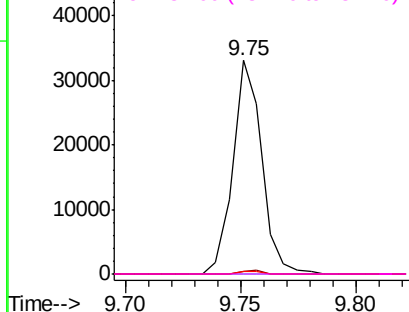


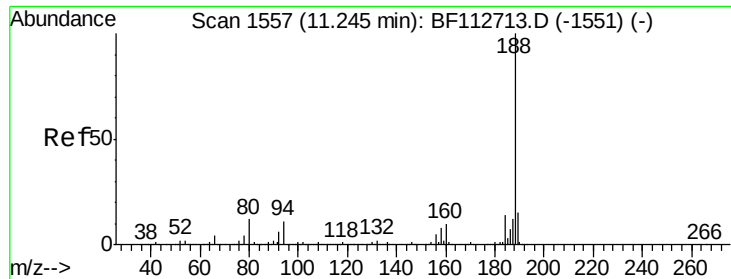
#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

Instrument :

BNA_F

ClientSampleId :

PST-025-SW080-031319

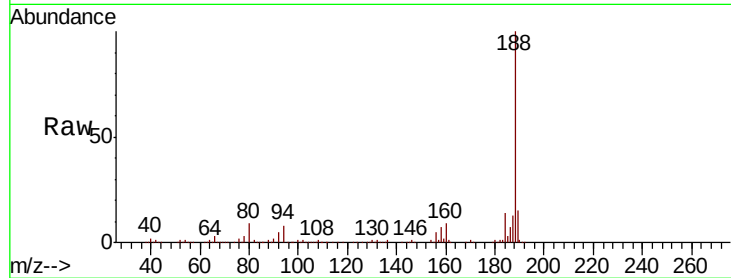
Tgt Ion:188 Resp: 373093

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

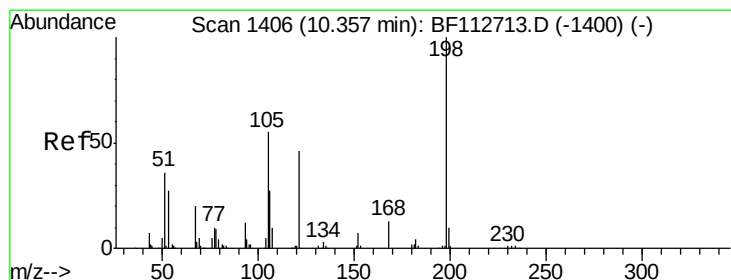
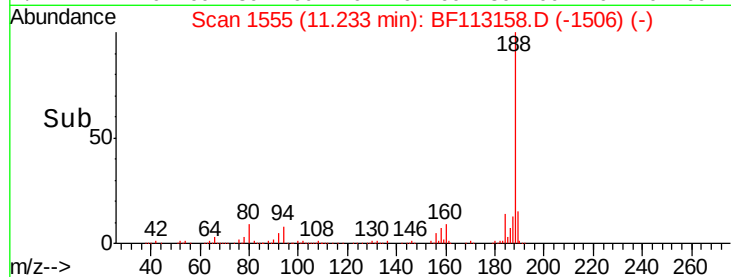
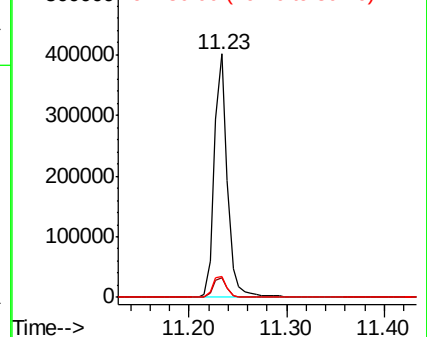
80 8.8 9.2 13.8#



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: 4.873 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF113158.D

Acq: 20 Mar 2019 7:20

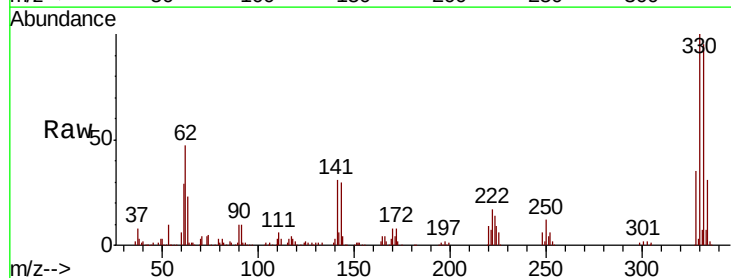
Tgt Ion:198 Resp: 442

Ion Ratio Lower Upper

198 100

51 210.4 43.8 83.8#

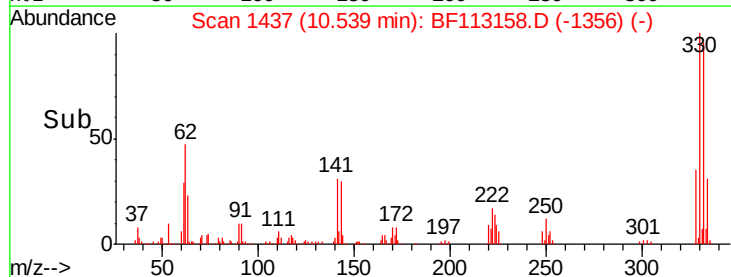
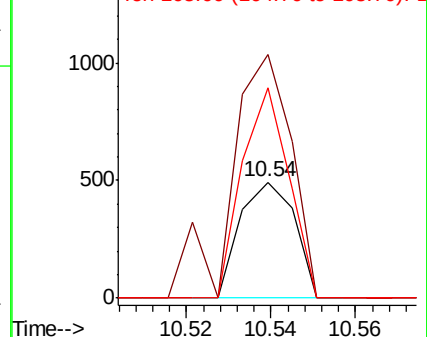
105 181.7 36.5 76.5#

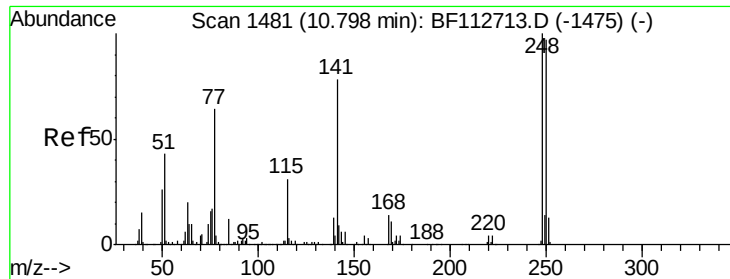


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

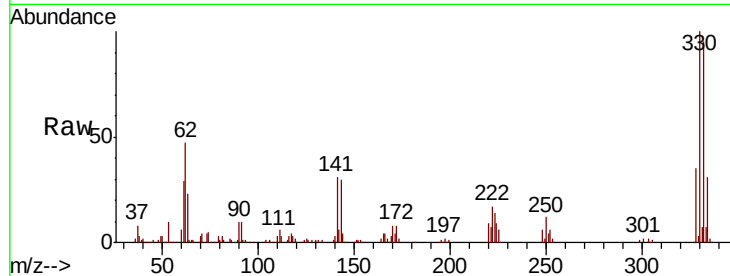




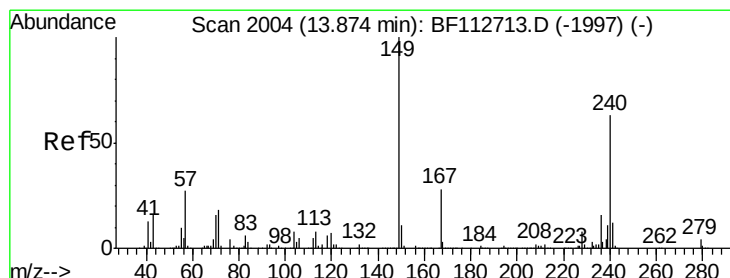
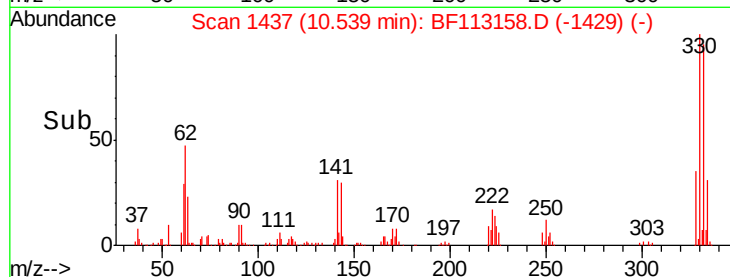
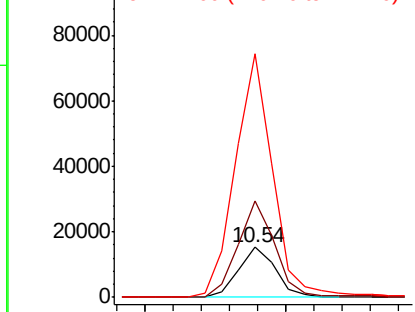
#67
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

Instrument :
BNA_F
ClientSampleId :
PST-025-SW080-031319

Tgt Ion: 248 Resp: 13891
Ion Ratio Lower Upper
248 100
250 193.8 77.5 116.3#
141 488.0 62.4 93.6#

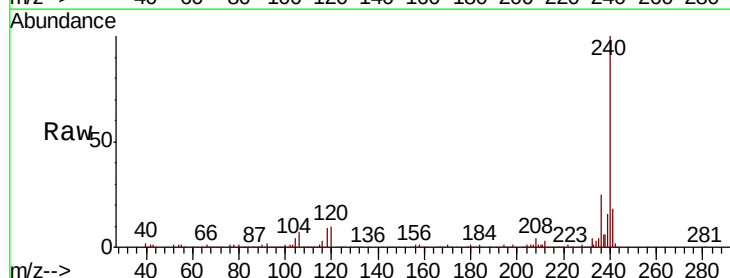


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

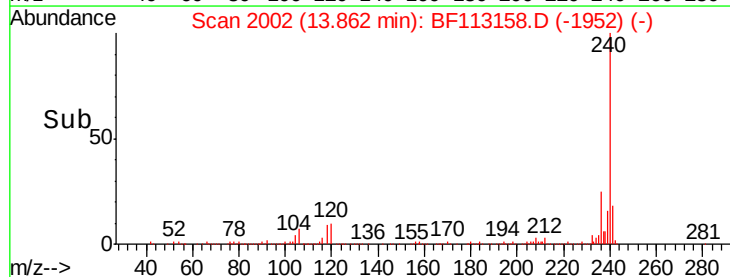
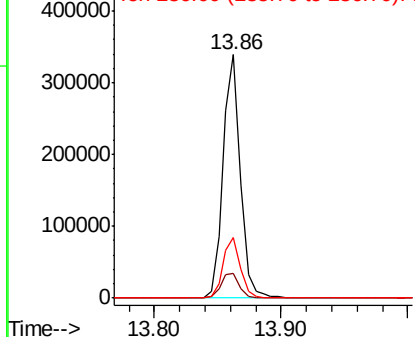


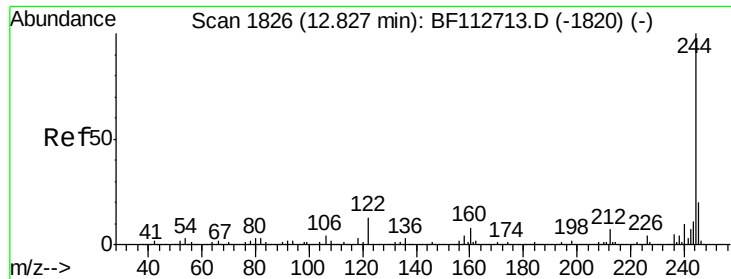
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113158.D
Acq: 20 Mar 2019 7:20

Tgt Ion: 240 Resp: 321333
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.1 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

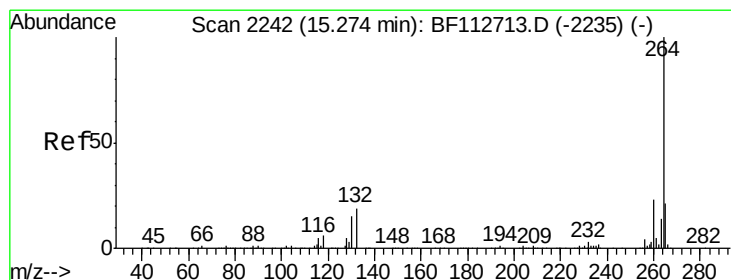
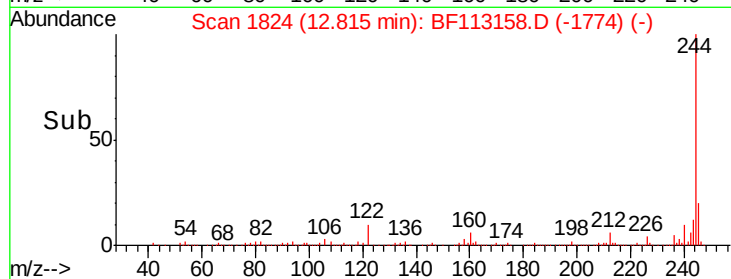
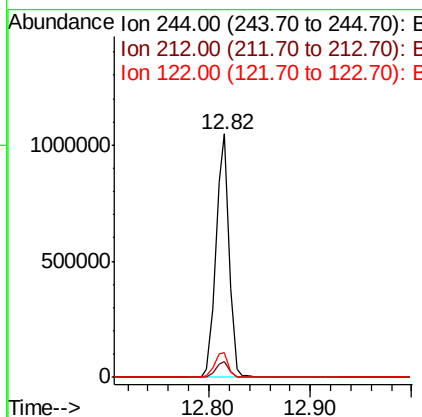
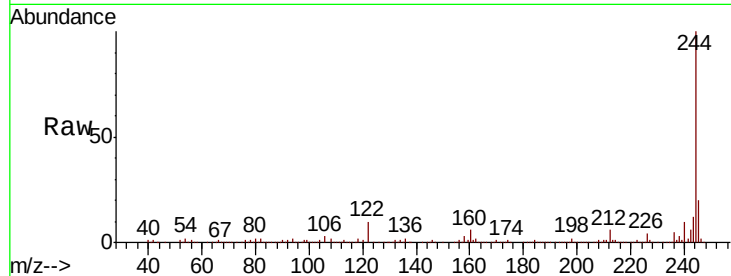




#79
 Terphenyl-d14
 Concen: 57.046 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW080-031319

Tgt Ion: 244 Resp: 945623
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.0 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113158.D
 Acq: 20 Mar 2019 7:20

Tgt Ion: 264 Resp: 261755
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 22.1 17.2 25.8

