

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113157.D
 Acq On : 20 Mar 2019 6:52
 Operator : JU/SJ
 Sample : K1948-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW046-031319

Quant Time: Mar 20 07:20:35 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	153122	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	471817	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	203880	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	336115	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	262043	20.00	ng	0.00
87) Perylene-d12	15.27	264	250175	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	951452	96.66	ng	0.00
7) Phenol-d6	6.37	99	1232435	99.67	ng	0.00
23) Nitrobenzene-d5	7.28	82	731970	92.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	218740	101.06	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1011728	81.27	ng	-0.01
79) Terphenyl-d14	12.82	244	813402	60.17	ng	0.00

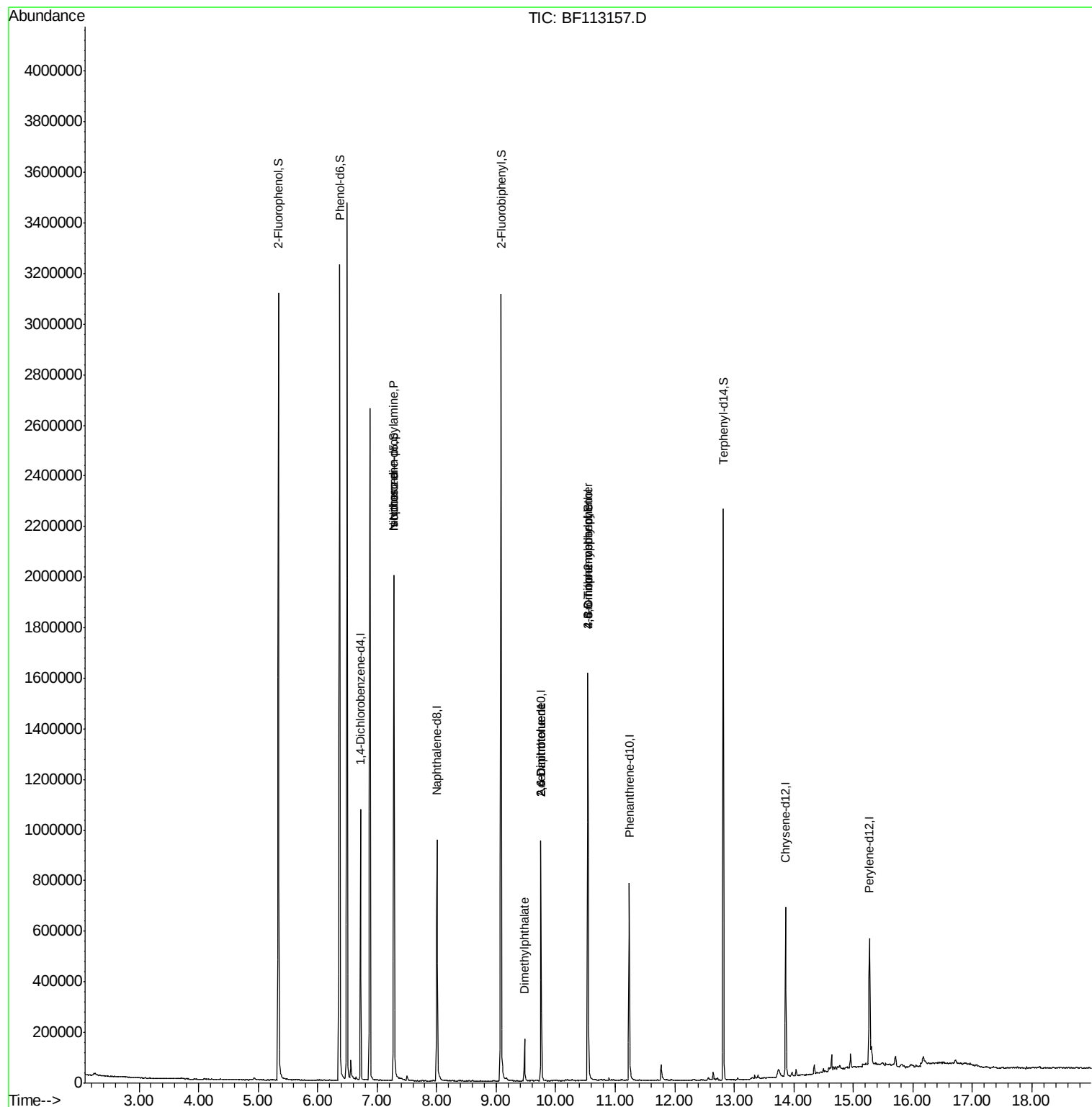
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	97247	12.418	ng	# 76
25) Isophorone	7.28	82	714355	42.053	ng	# 66
50) Dimethylphthalate	9.47	163	85888	5.713	ng	# 97
51) 2,6-Dinitrotoluene	9.75	165	26338	8.413	ng	# 17
57) 2,4-Dinitrotoluene	9.75	165	26338	6.768	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	236	4.767	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	11957	3.377	ng	# 1

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

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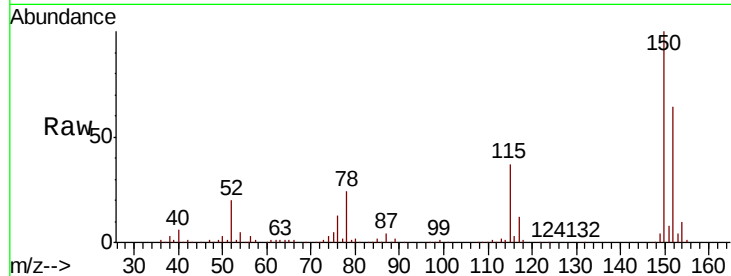


#1

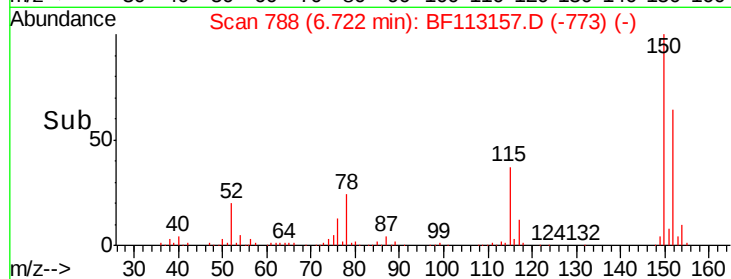
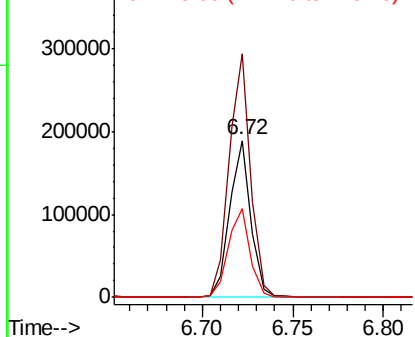
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:152 Resp: 153122
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.2
115 56.8 48.2 72.4



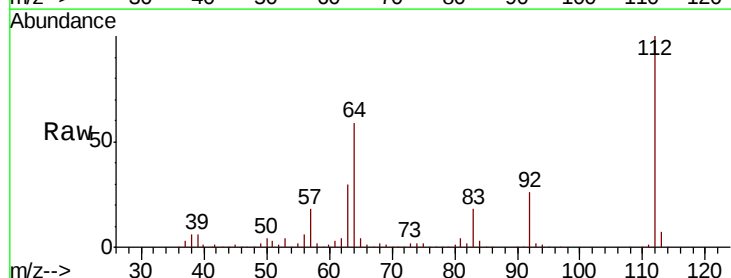
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



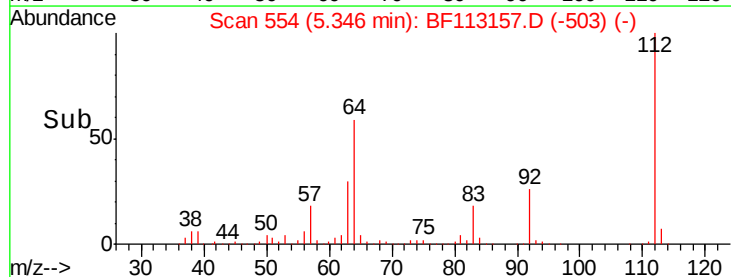
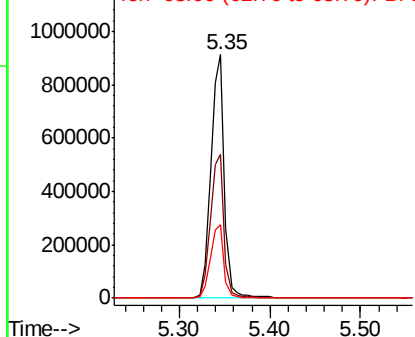
#5

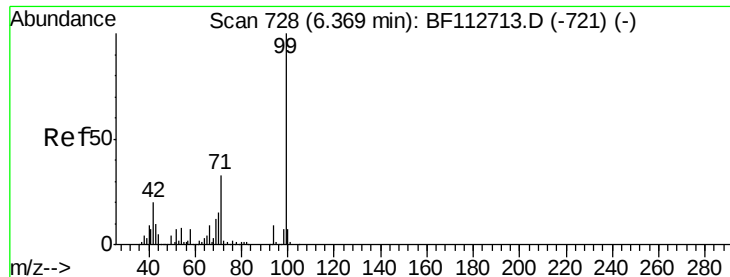
2-Fluorophenol
Concen: 96.657 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Tgt Ion:112 Resp: 951452
Ion Ratio Lower Upper
112 100
64 59.2 47.6 71.4
63 30.0 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: 99.669 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113157.D

Acq: 20 Mar 2019 6:52

Instrument :

BNA_F

ClientSampleId :

PST-025-SW046-031319

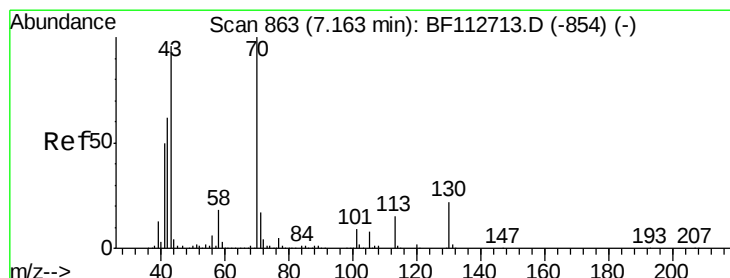
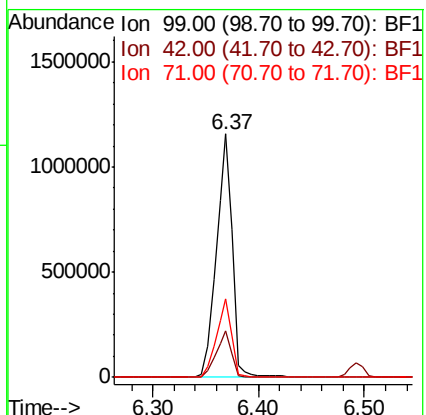
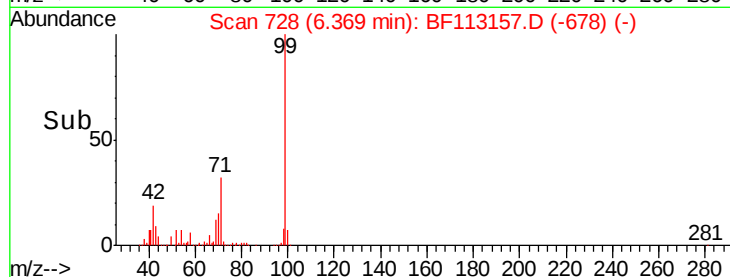
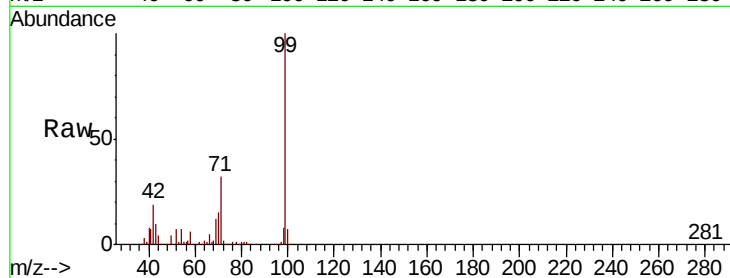
Tgt Ion: 99 Resp: 1232435

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 32.3 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.418 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113157.D

Acq: 20 Mar 2019 6:52

Tgt Ion: 70 Resp: 97247

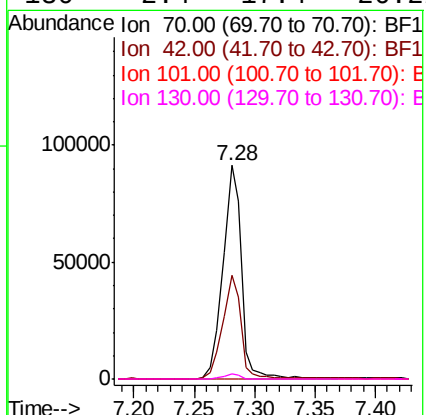
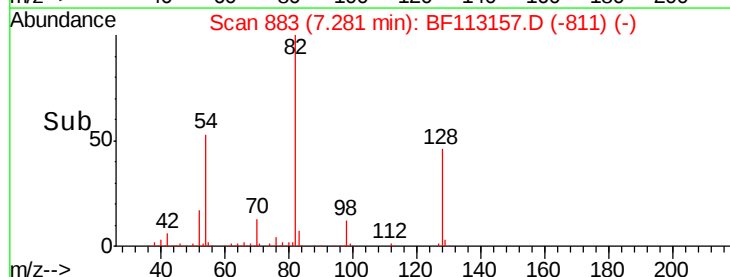
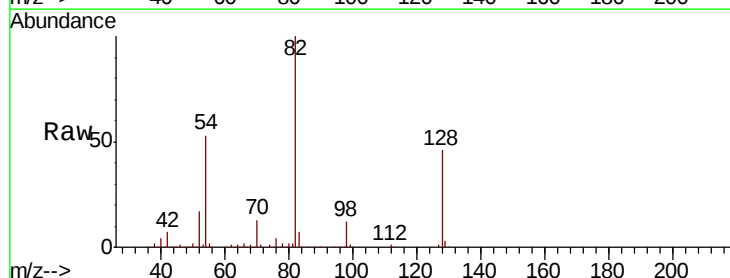
Ion Ratio Lower Upper

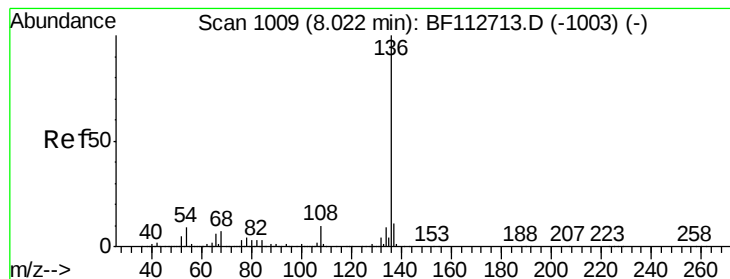
70 100

42 48.7 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: BF113157.D

Acq: 20 Mar 2019 6:52

Instrument :

BNA_F

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PST-025-SW046-031319

Tgt Ion: 136 Resp: 471817

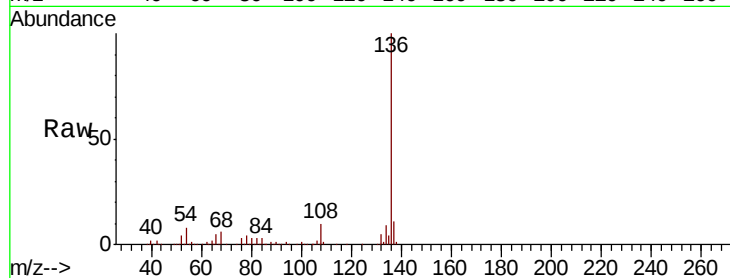
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 7.3 10.9

68 5.9 5.4 8.2

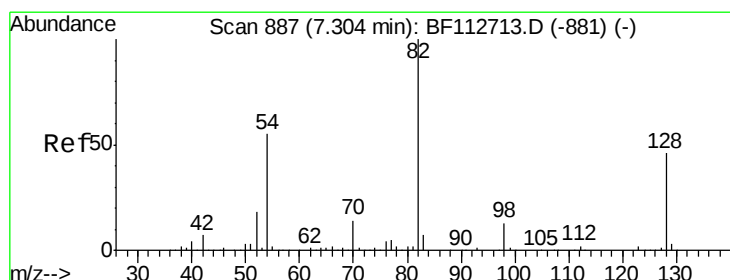
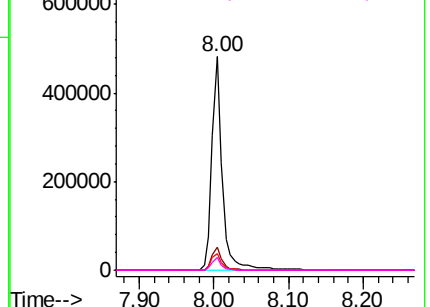
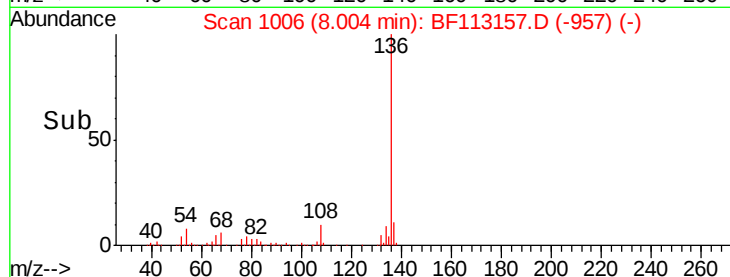


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.832 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113157.D

Acq: 20 Mar 2019 6:52

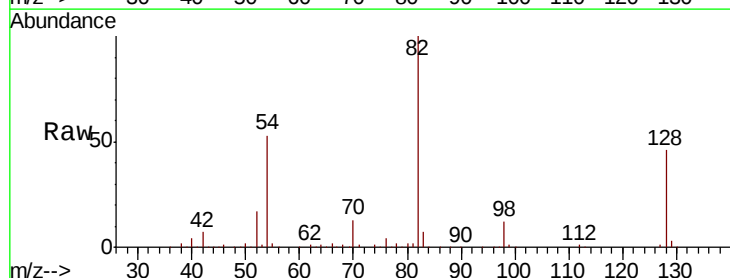
Tgt Ion: 82 Resp: 731970

Ion Ratio Lower Upper

82 100

128 45.8 36.3 54.5

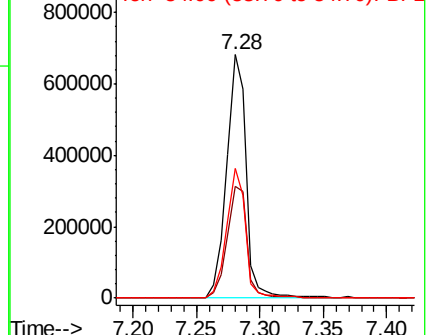
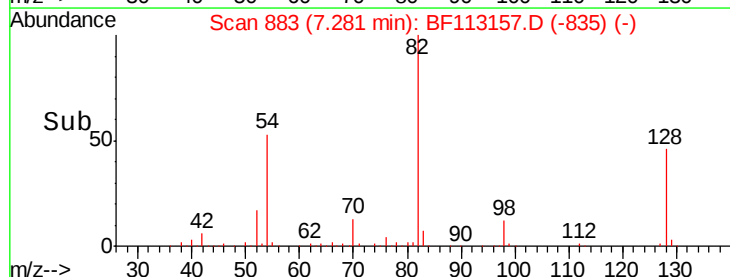
54 53.3 43.7 65.5



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

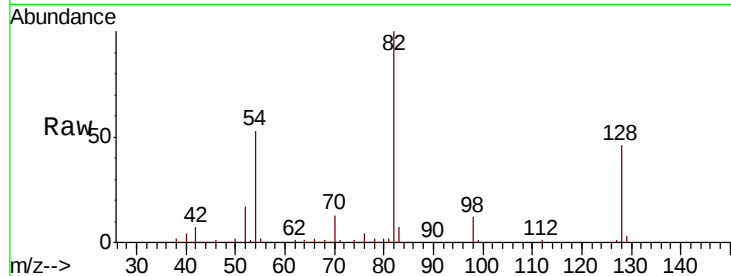




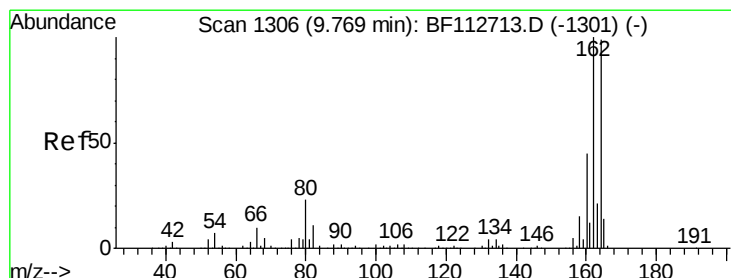
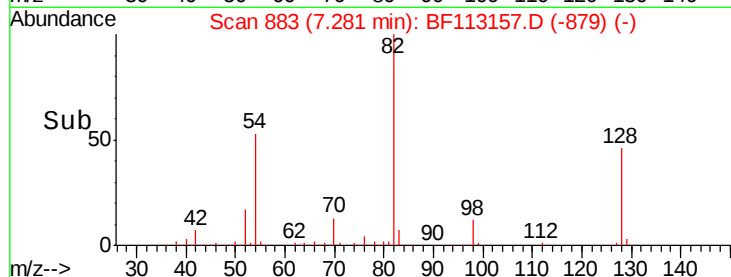
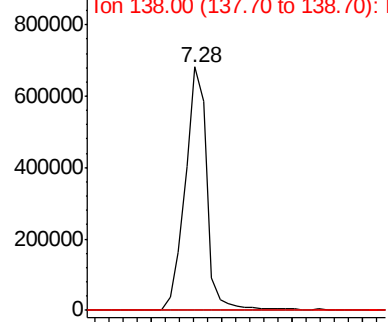
#25
Isophorone
Concen: 42.053 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

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BNA_F
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Tgt Ion: 82 Resp: 714355
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

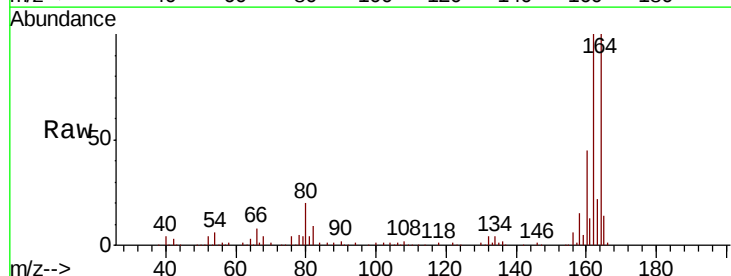


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

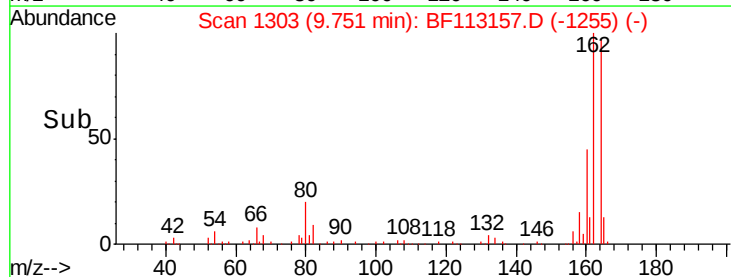
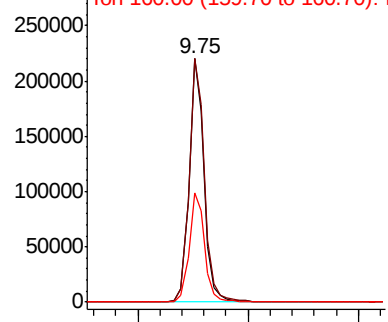


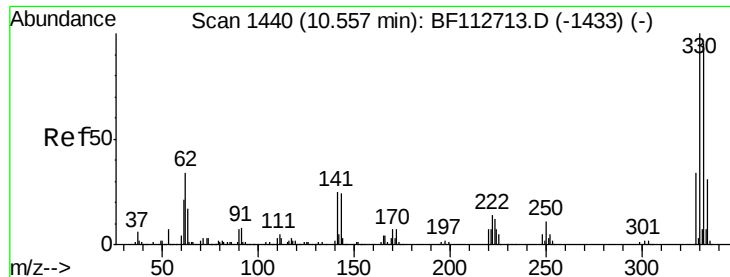
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Tgt Ion: 164 Resp: 203880
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.1 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

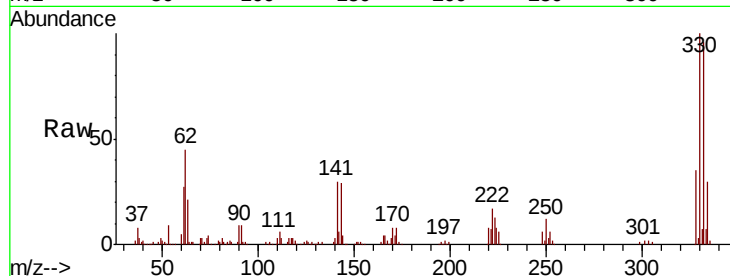




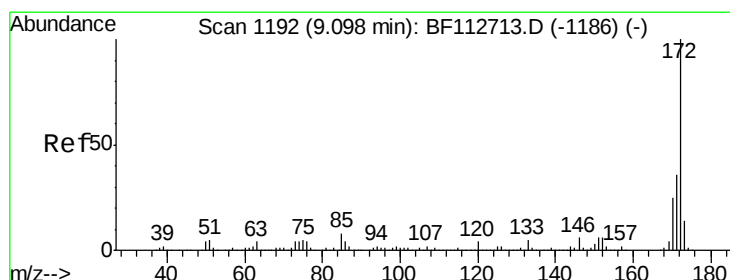
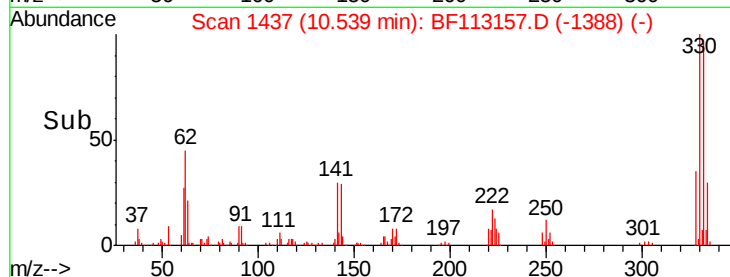
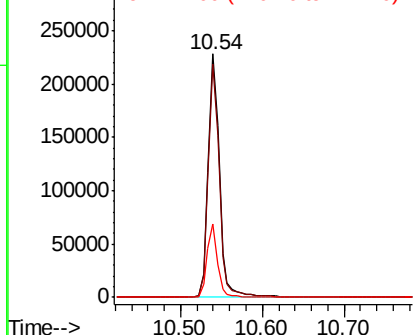
#42
 2,4,6-Tribromophenol
 Concen: 101.061 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

Instrument :
 BNA_F
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 PST-025-SW046-031319

Tgt Ion:330 Resp: 218740
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 28.5 27.0 40.6

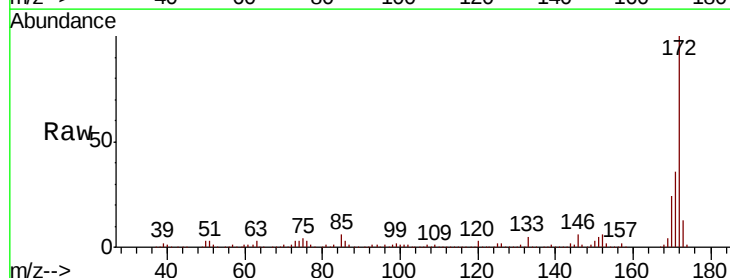


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

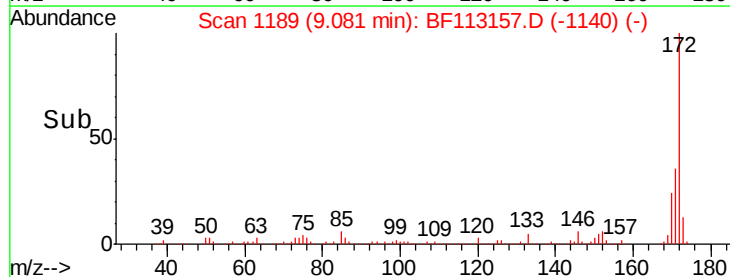
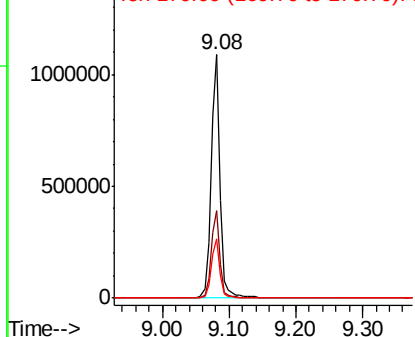


#45
 2-Fluorobiphenyl
 Concen: 81.269 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

Tgt Ion:172 Resp: 1011728
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.4 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

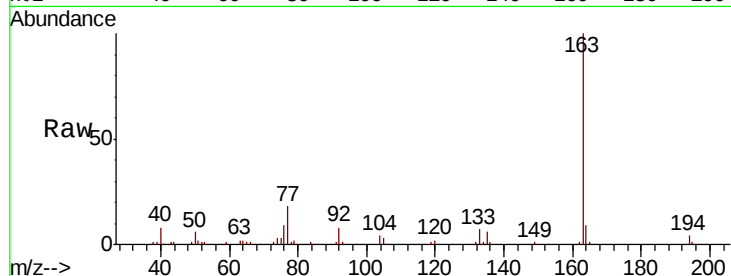




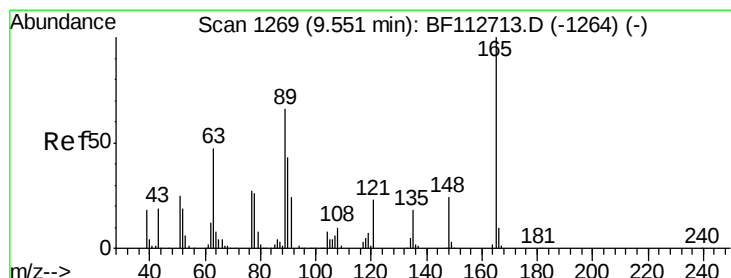
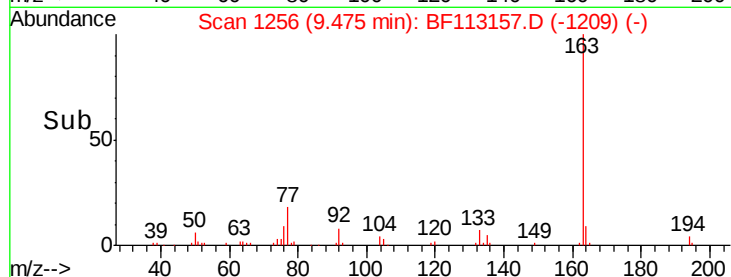
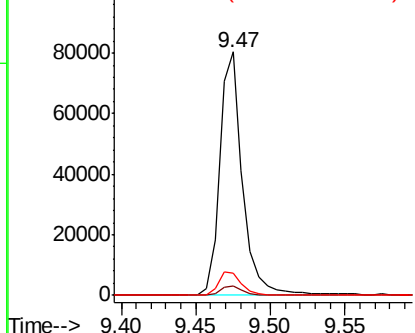
#50
Dimethylphthalate
Concen: 5.713 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
PST-025-SW046-031319

Tgt Ion:163 Resp: 85888
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.3 8.4 12.6

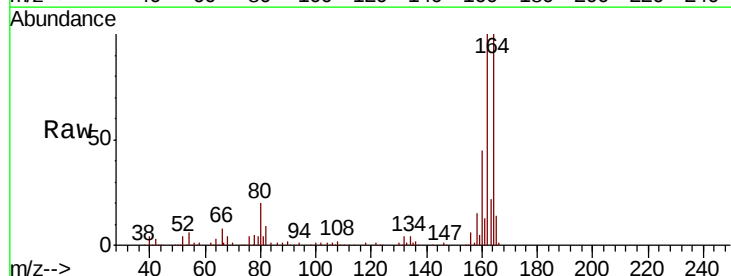


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

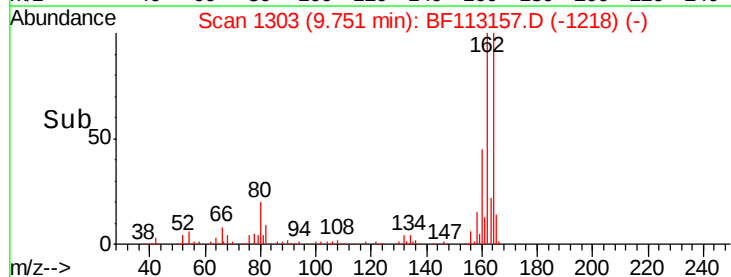
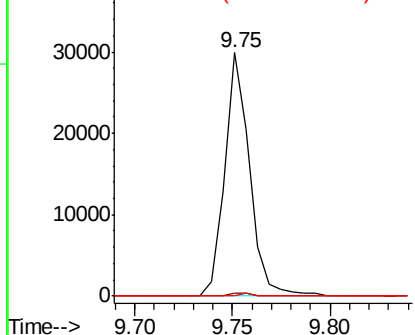


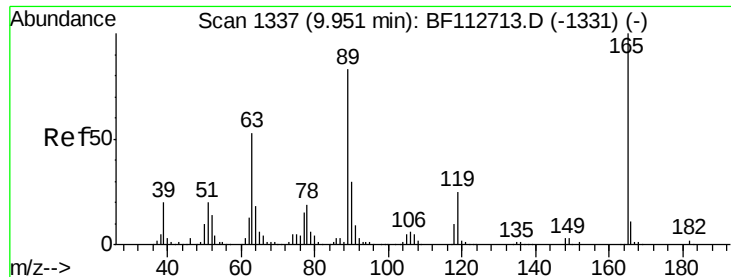
#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Tgt Ion:165 Resp: 26338
Ion Ratio Lower Upper
165 100
63 1.2 54.1 81.1#
89 0.0 52.8 79.2#



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

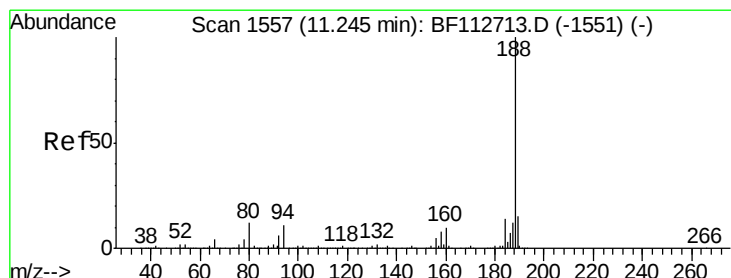
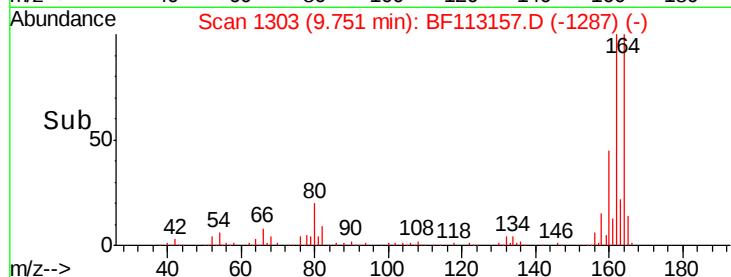
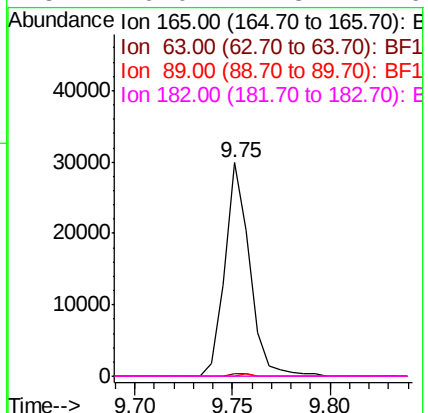
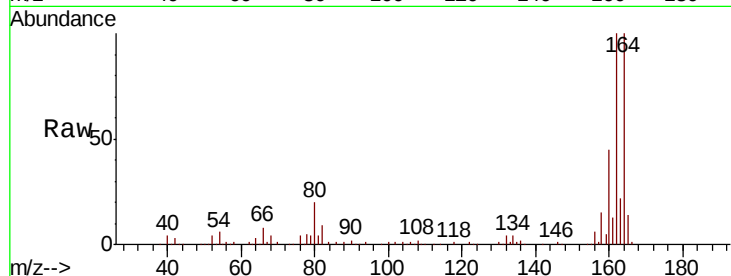




#57
 2,4-Dinitrotoluene
 Concen: 6.768 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

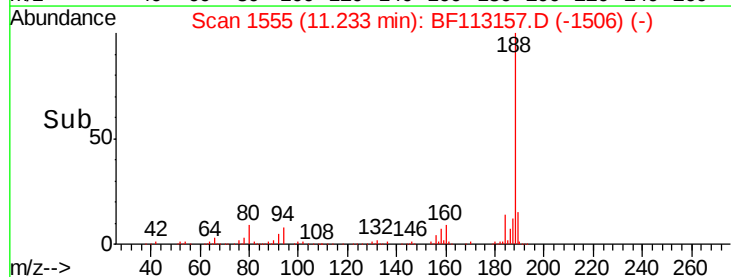
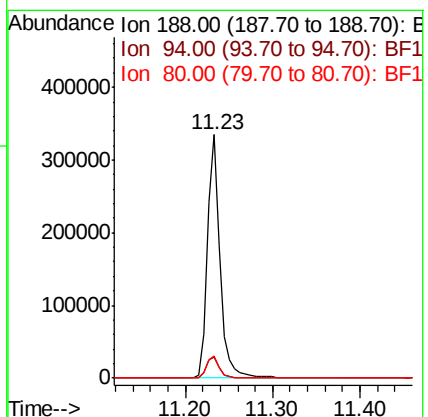
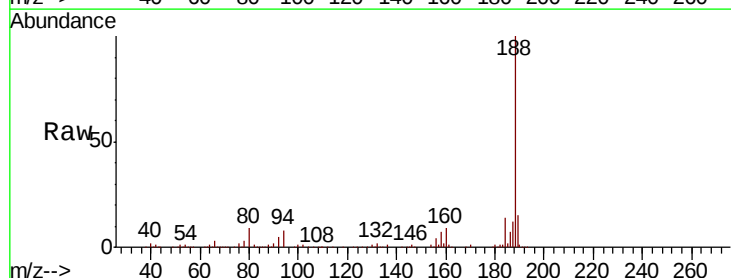
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 PST-025-SW046-031319

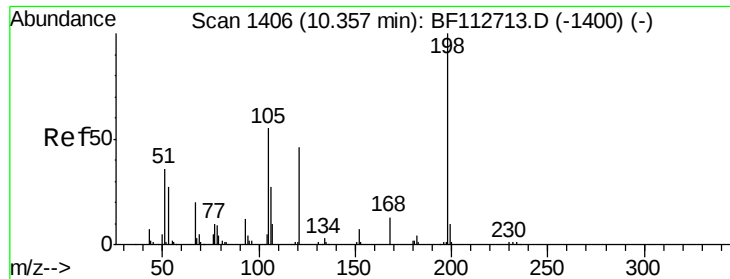
Tgt Ion:	165	Resp:	26338
Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	0.0	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

Tgt Ion:	188	Resp:	336115
Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	9.4	9.2	13.8

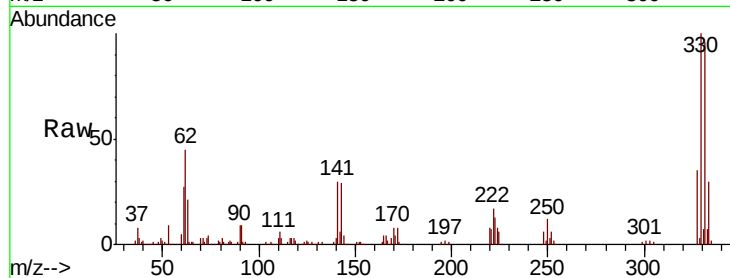




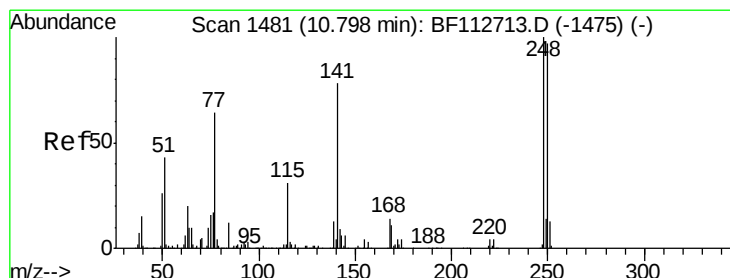
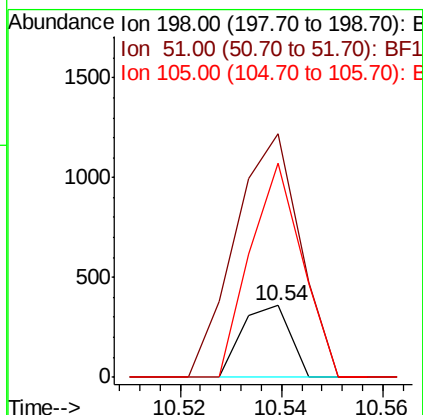
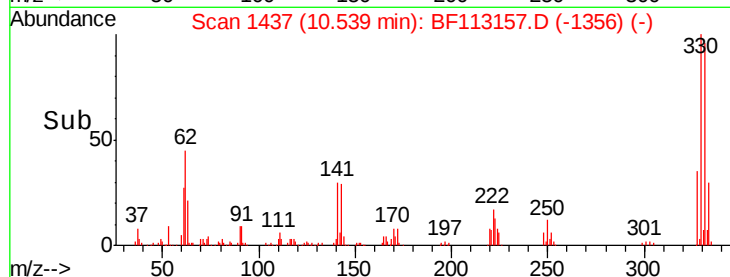
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.767 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW046-031319

Tgt Ion:198 Resp: 236
 Ion Ratio Lower Upper
 198 100
 51 338.6 43.8 83.8#
 105 297.8 36.5 76.5#

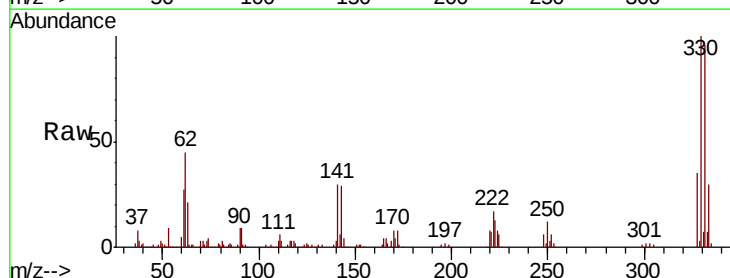


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

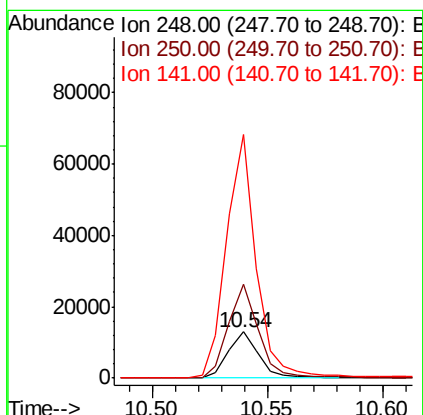
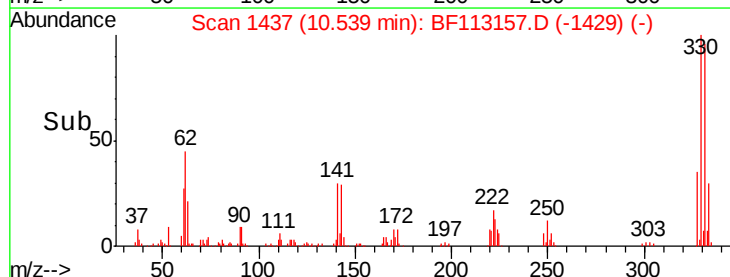


#67
 4-Bromophenyl-phenylether
 Concen: 3.377 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF113157.D
 Acq: 20 Mar 2019 6:52

Tgt Ion:248 Resp: 11957
 Ion Ratio Lower Upper
 248 100
 250 202.2 77.5 116.3#
 141 524.8 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

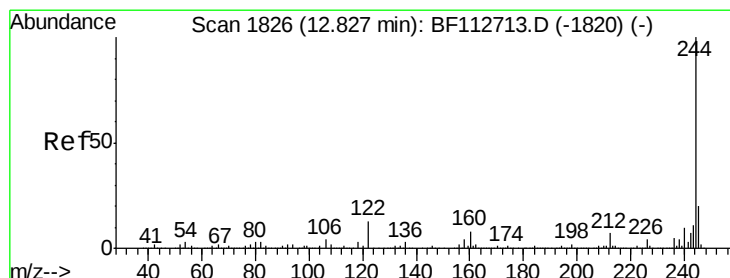
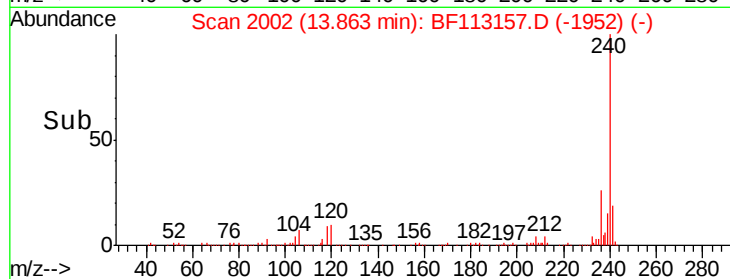
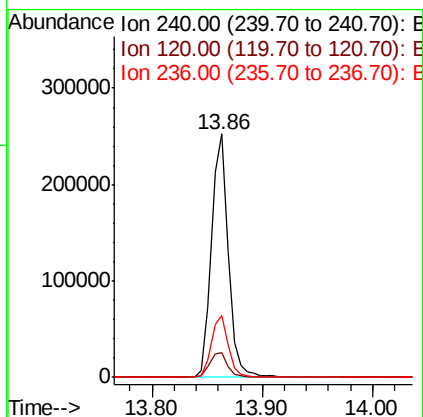
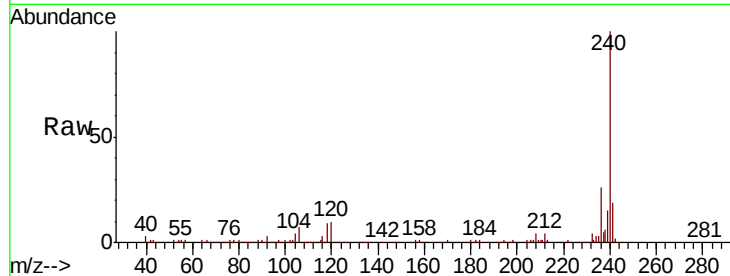




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

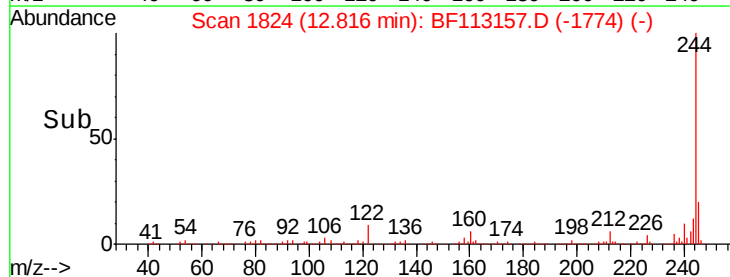
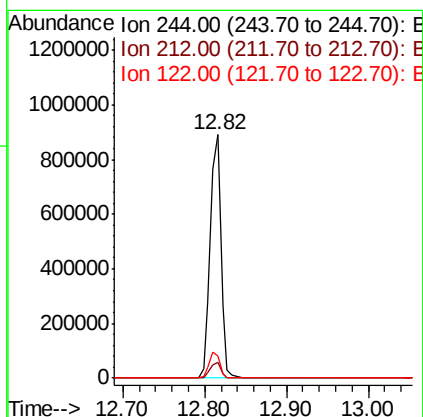
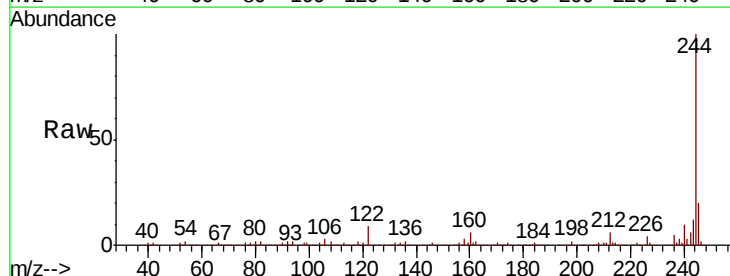
Instrument :
BNA_F
ClientSampleId :
PST-025-SW046-031319

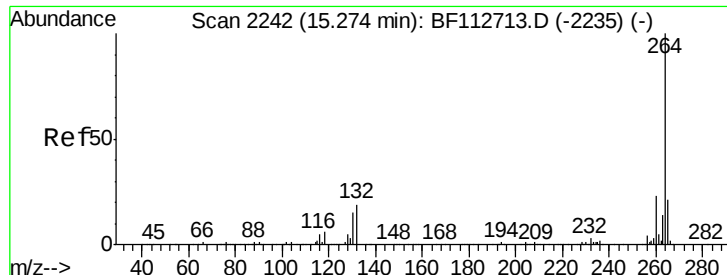
Tgt Ion:240 Resp: 262043
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 60.172 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113157.D
Acq: 20 Mar 2019 6:52

Tgt Ion:244 Resp: 813402
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 9.2 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: BF113157.D
Acq: 20 Mar 2019 6:52

Instrument :
BNA_F
ClientSampleId :
PST-025-SW046-031319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.5	17.2	25.8

