

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113111.D
 Acq On : 19 Mar 2019 1:24
 Operator : JU/SJ
 Sample : K1947-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B127-031319

Quant Time: Mar 19 06:46:24 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	6.73	152	145435	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	579394	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	280797	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	449592	20.00	ng	0.00
76) Chrysene-d12	13.87	240	337356	20.00	ng	0.00
87) Perylene-d12	15.28	264	246619	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	774657	82.86	ng	0.00
7) Phenol-d6	6.37	99	957995	81.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	661155	68.28	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	240714	80.75	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1211822	67.79	ng	0.00
79) Terphenyl-d14	12.82	244	913805	52.51	ng	0.00

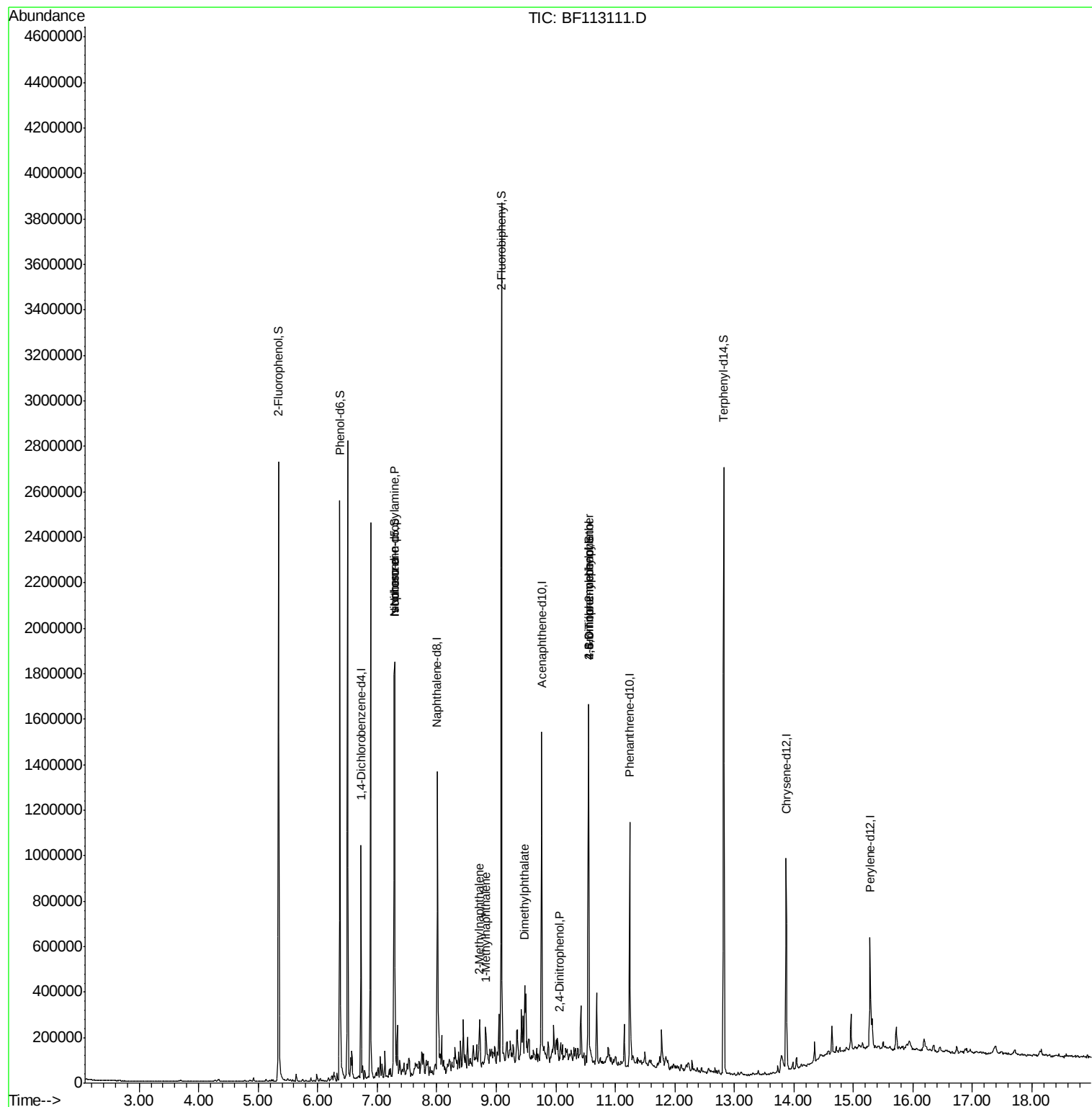
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	89505	12.033	ng	# 74
25) Isophorone	7.29	82	653433	31.325	ng	# 66
37) 2-Methylnaphthalene	8.72	142	68649	3.695	ng	98
38) 1-Methylnaphthalene	8.82	142	41927	2.330	ng	97
50) Dimethylphthalate	9.48	163	110208	5.323	ng	# 98
54) 2,4-Dinitrophenol	10.06	184	603	6.768	ng	# 54
65) 4,6-Dinitro-2-methylphenol	10.55	198	477	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	13741	2.902	ng	# 1

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

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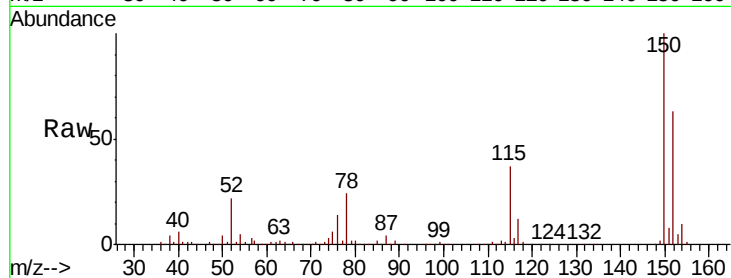


#1

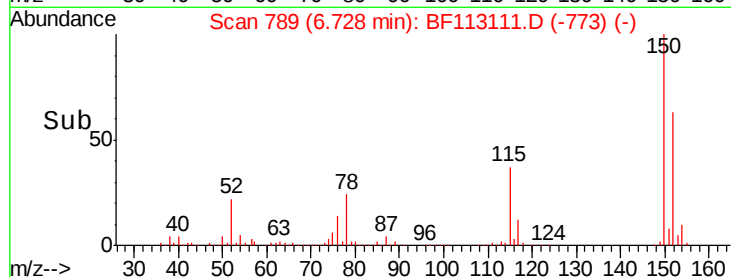
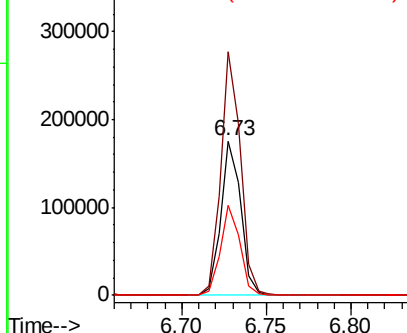
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:152 Resp: 145435
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.2
115 58.1 48.2 72.4



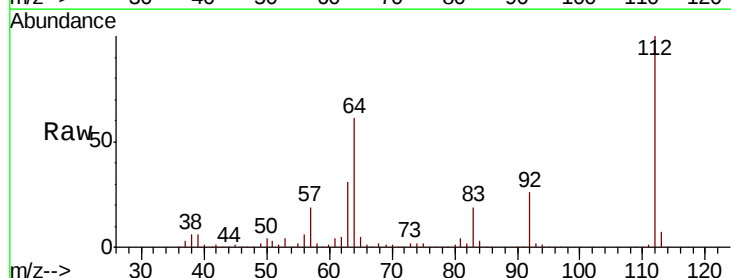
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



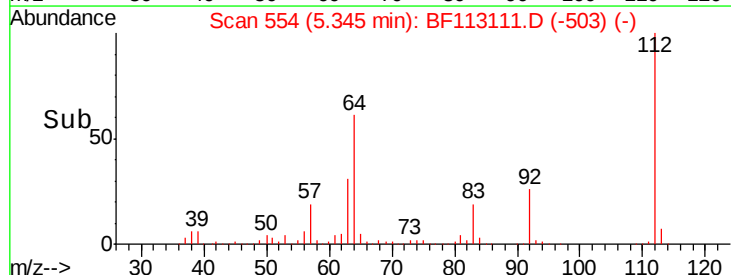
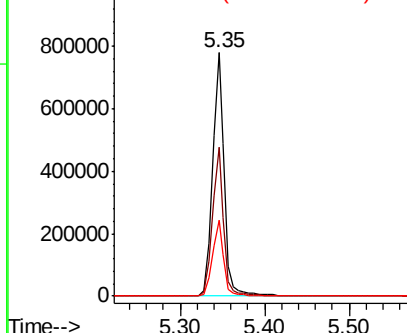
#5

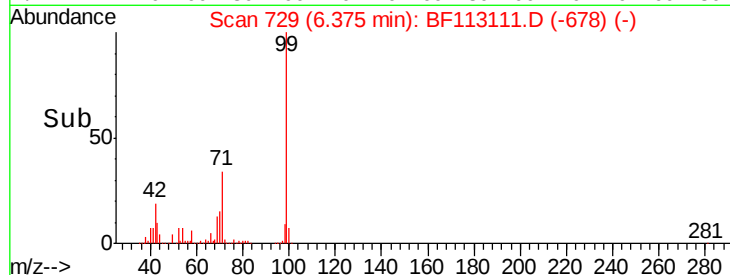
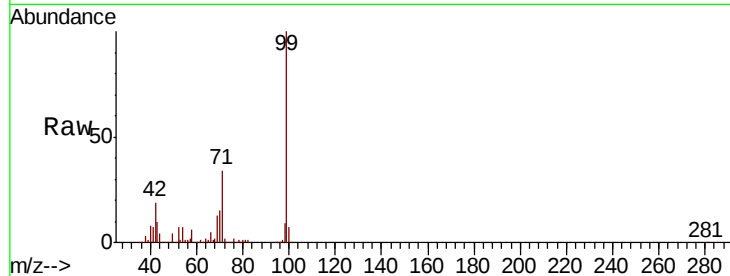
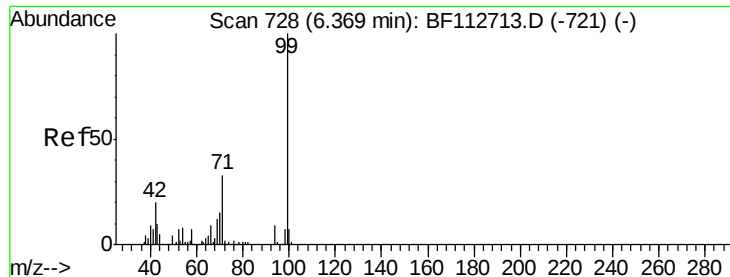
2-Fluorophenol
Concen: 82.856 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:112 Resp: 774657
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 31.2 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: 81.570 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

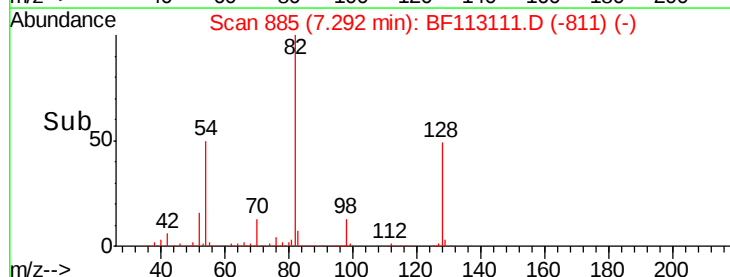
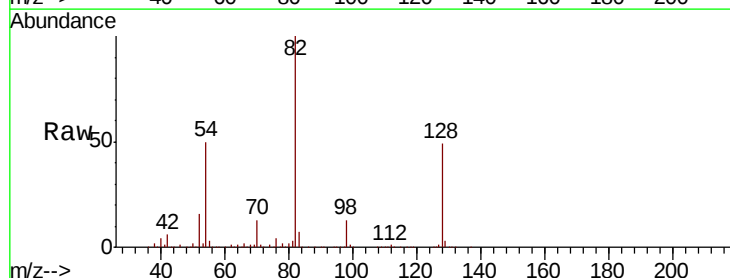
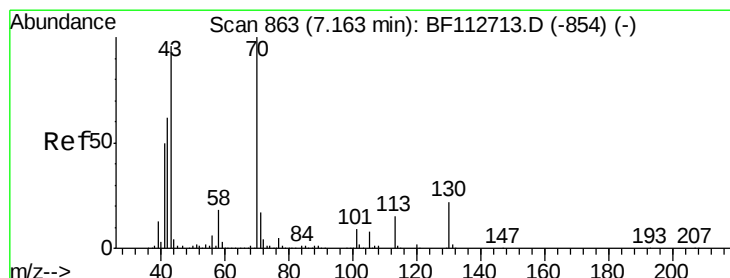
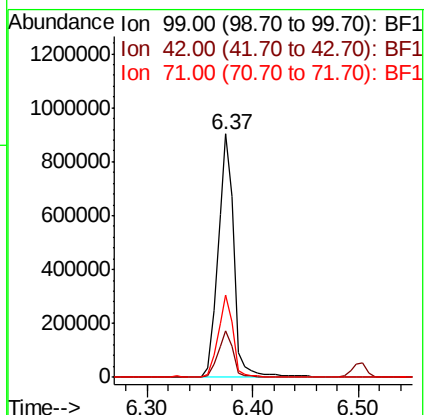
Tgt Ion: 99 Resp: 957995

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

71 33.7 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.033 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Tgt Ion: 70 Resp: 89505

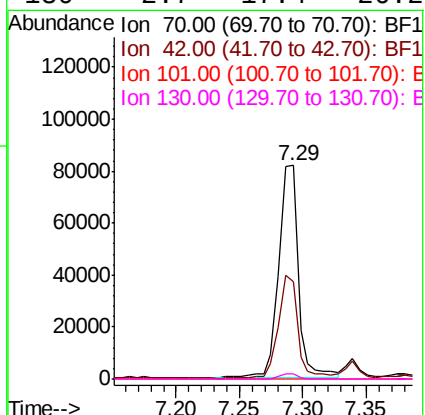
Ion Ratio Lower Upper

70 100

42 45.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.7 17.4 26.2#

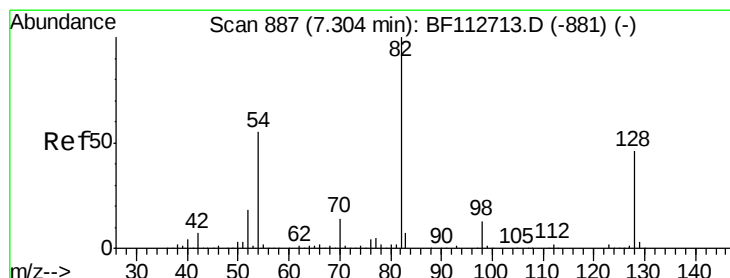
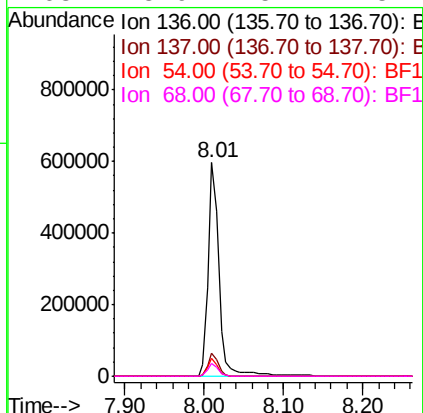
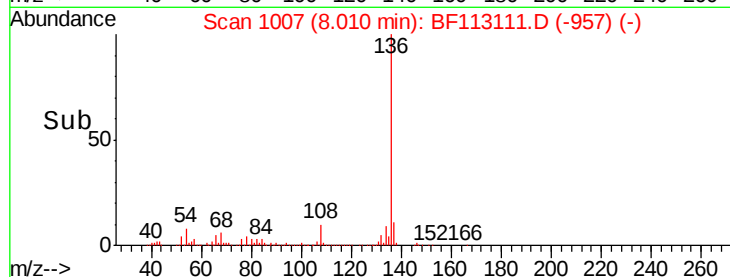
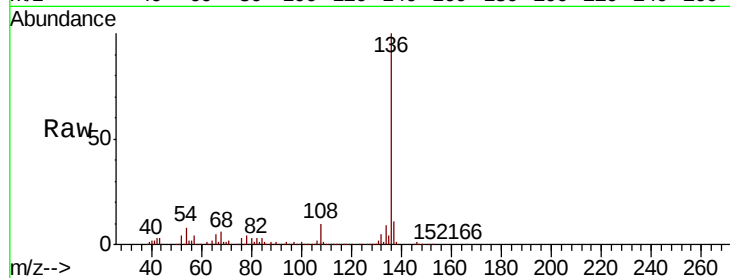




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

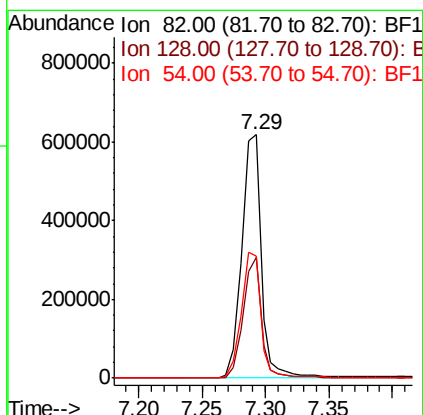
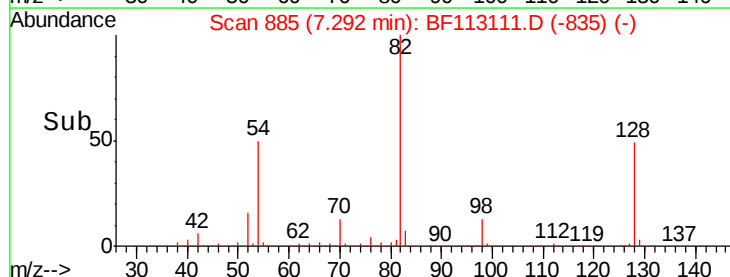
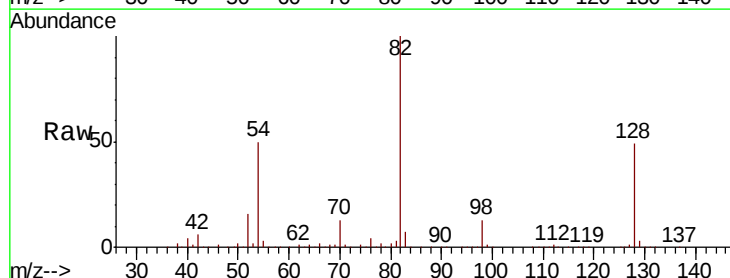
Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Tgt Ion:	136	Resp:	579394
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.3	10.9
68	5.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 68.282 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:	82	Resp:	661155
Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.3	54.5
54	50.0	43.7	65.5





#25

Isophorone

Concen: 31.325 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

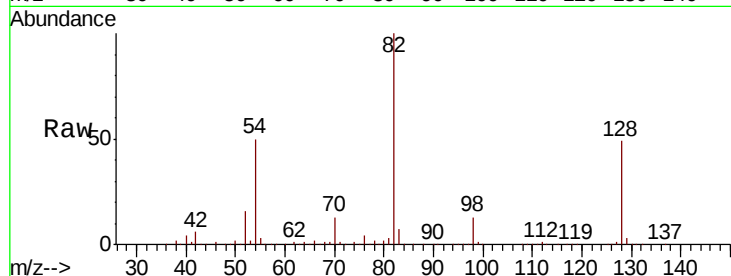
Tgt Ion: 82 Resp: 653433

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

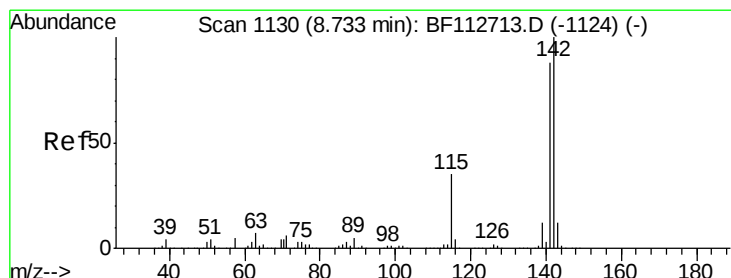
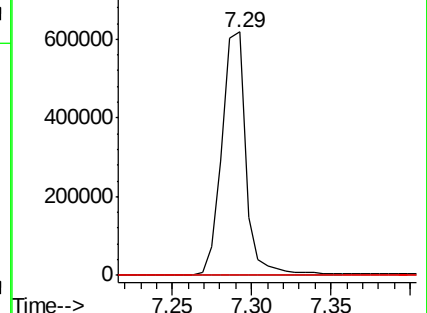
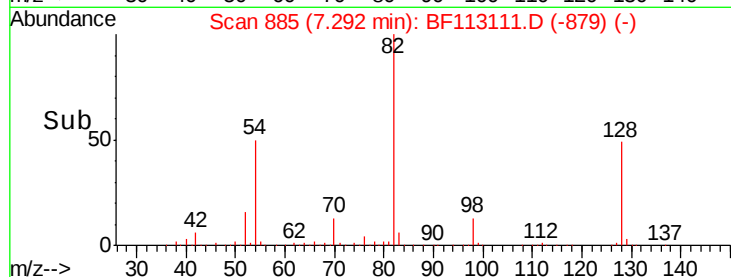
138 0.0 13.8 20.8#



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



#37

2-Methylnaphthalene

Concen: 3.695 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

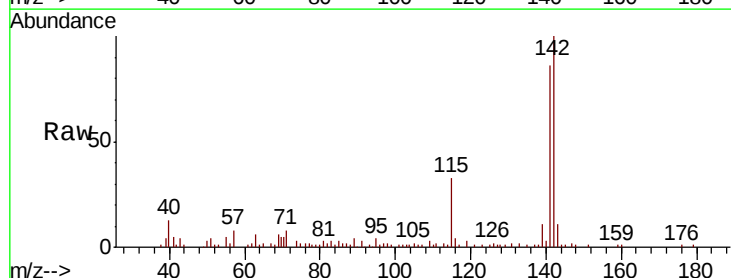
Tgt Ion: 142 Resp: 68649

Ion Ratio Lower Upper

142 100

141 86.5 70.3 105.5

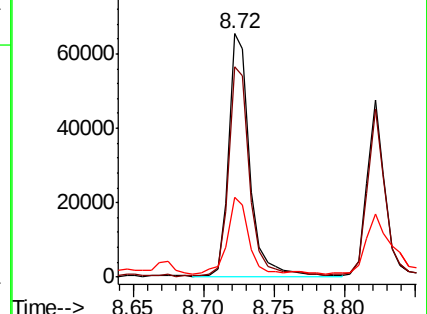
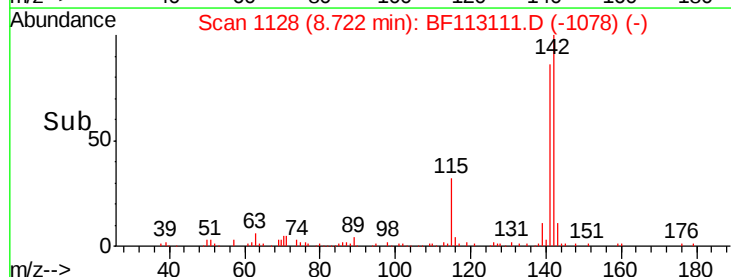
115 32.9 27.8 41.6

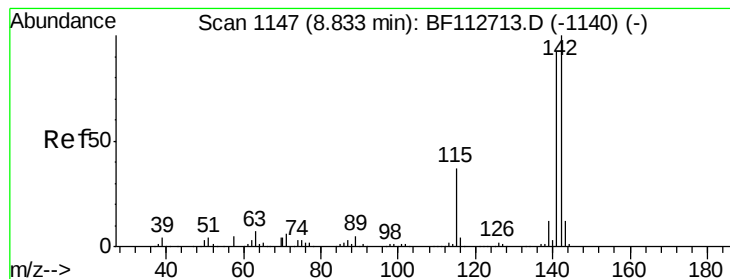


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 2.330 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

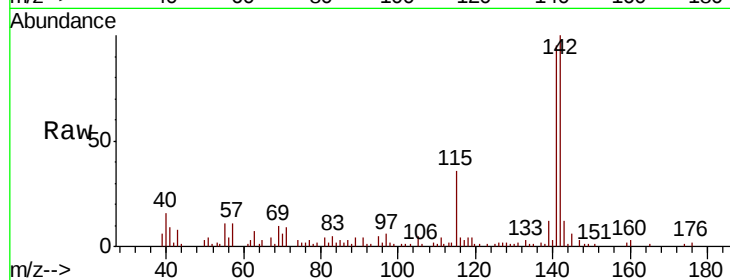
Tgt Ion:142 Resp: 41927

Ion Ratio Lower Upper

142 100

141 94.7 73.7 110.5

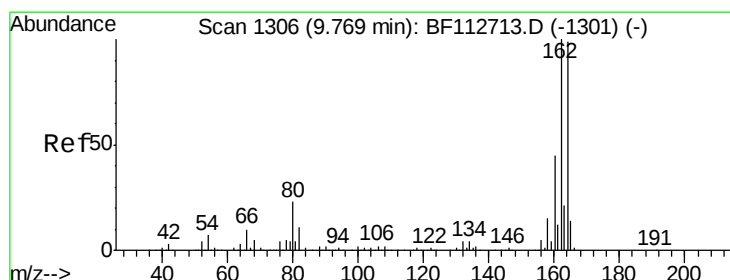
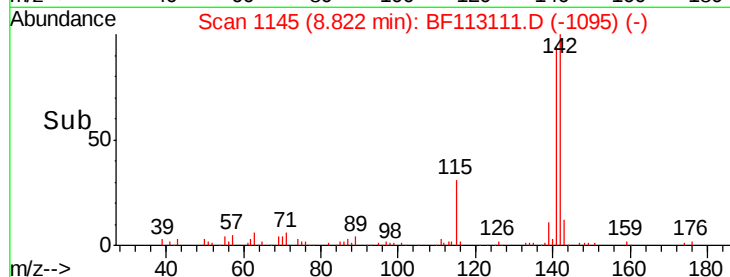
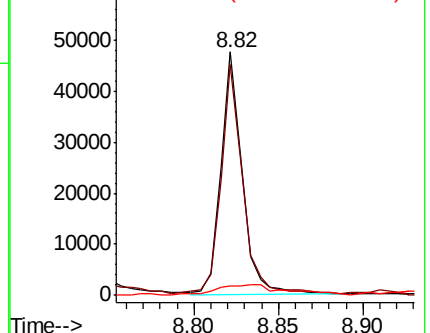
116 4.1 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

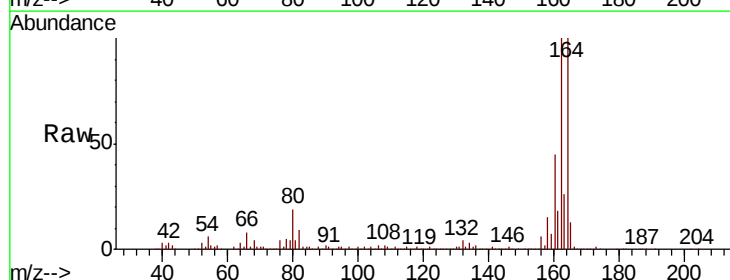
Tgt Ion:164 Resp: 280797

Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

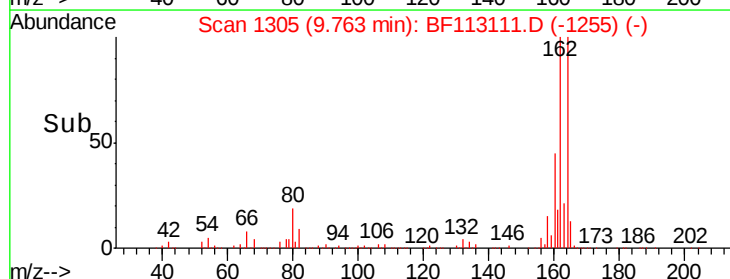
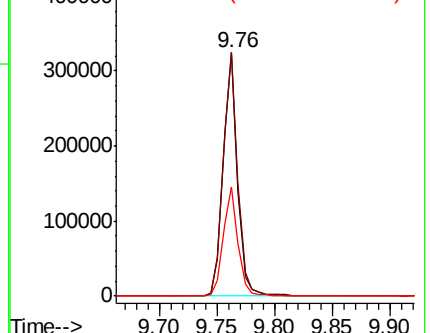
160 45.0 36.0 54.0

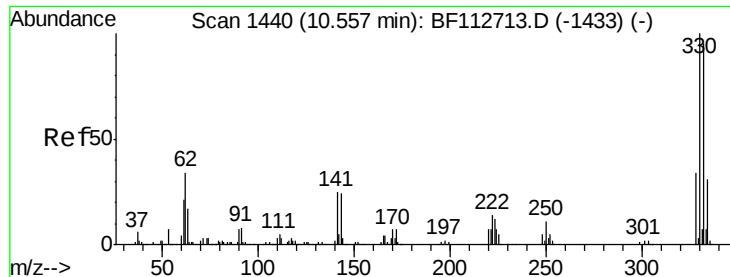


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

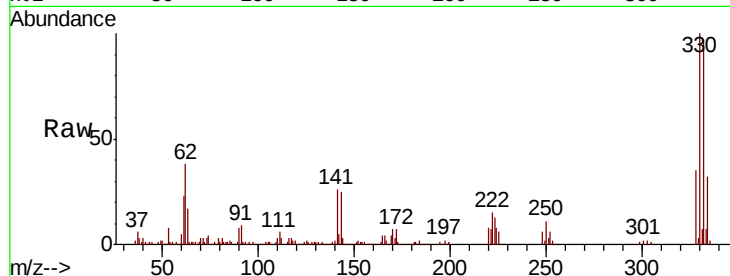




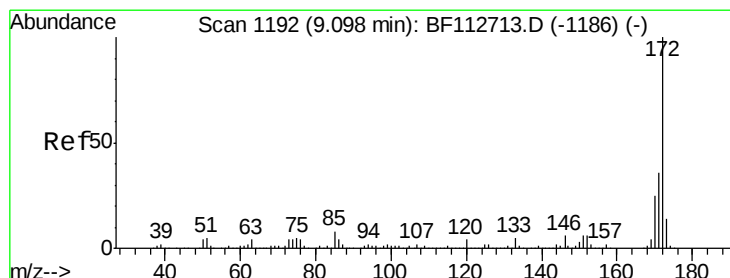
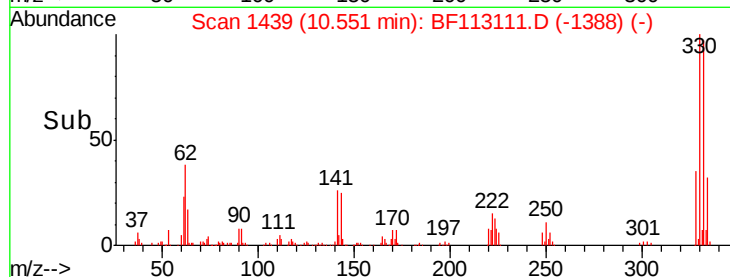
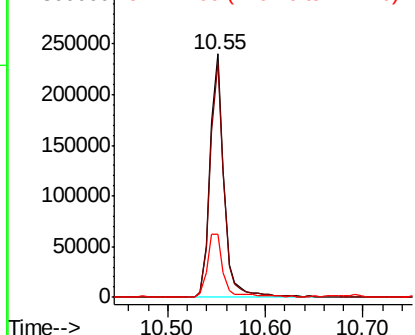
#42
 2,4,6-Tribromophenol
 Concen: 80.749 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Instrument :
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Tgt Ion:330 Resp: 240714
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 28.1 27.0 40.6

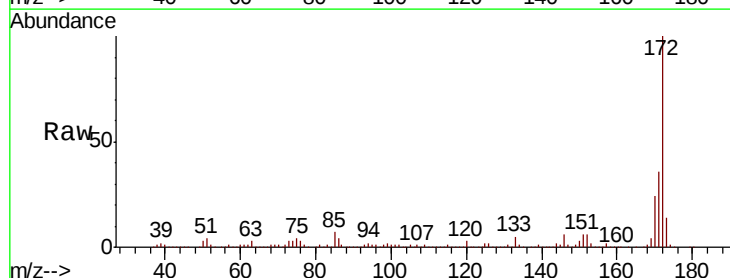


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

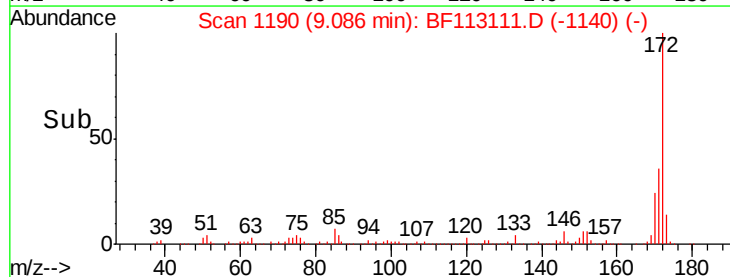
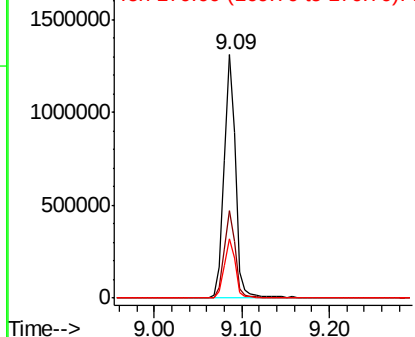


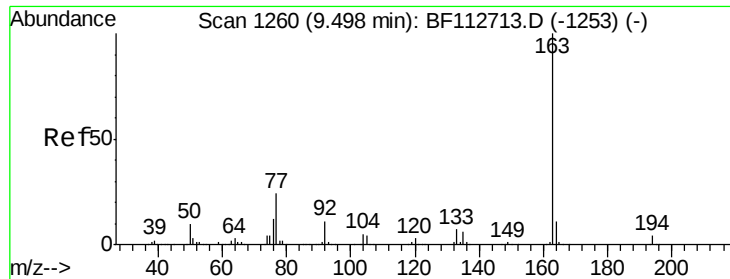
#45
 2-Fluorobiphenyl
 Concen: 67.786 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Tgt Ion:172 Resp: 1211822
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

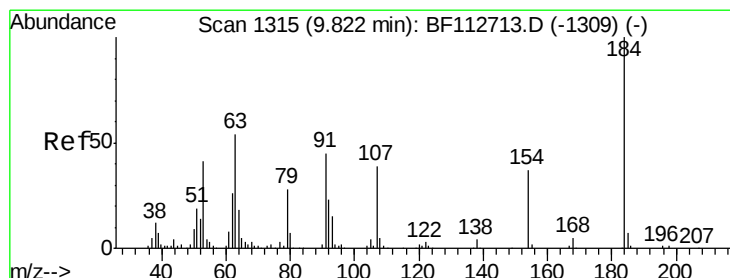
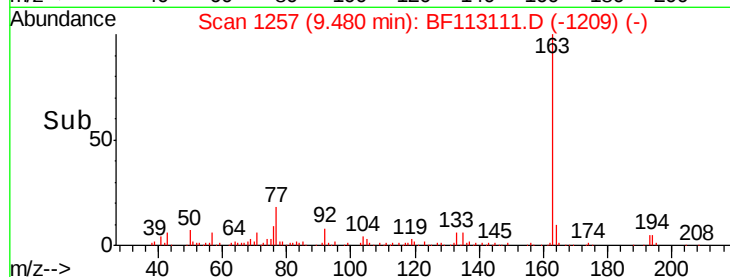
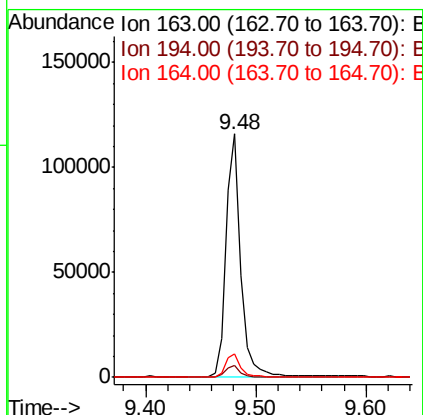
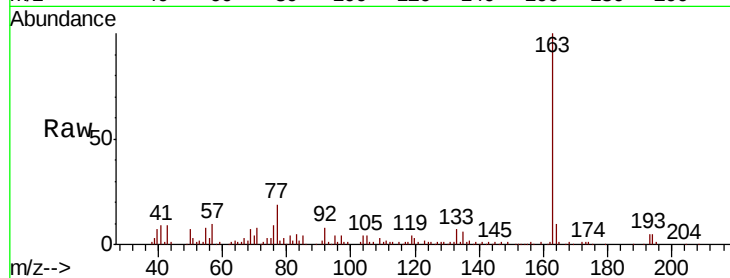




#50
Dimethylphthalate
Concen: 5.323 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

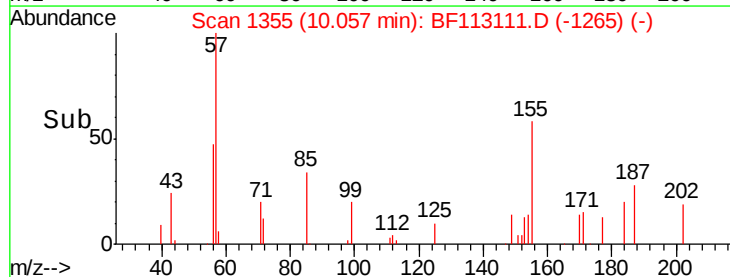
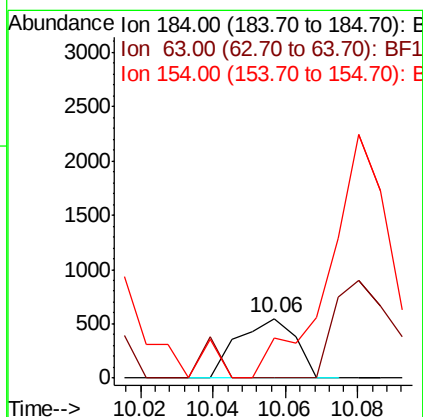
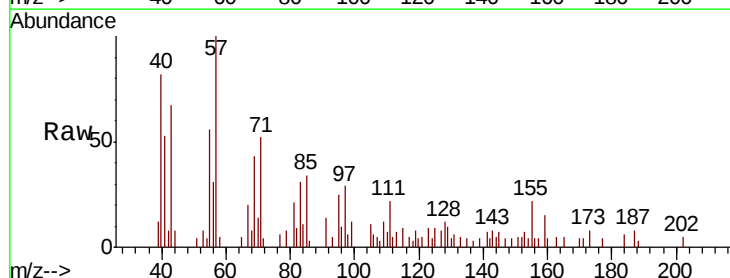
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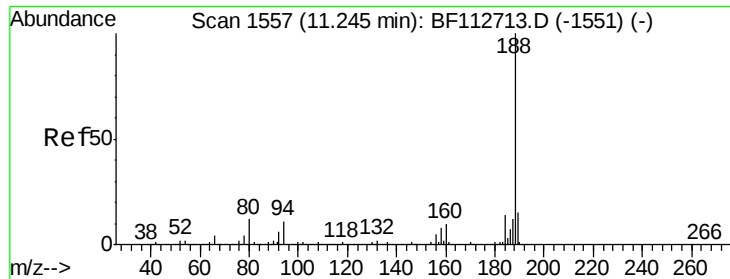
Tgt Ion:163 Resp: 110208
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.4#
164 9.8 8.4 12.6



#54
2,4-Dinitrophenol
Concen: 6.768 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.23 min
Lab File: BF113111.D
Acq: 19 Mar 2019 1:24

Tgt Ion:184 Resp: 603
Ion Ratio Lower Upper
184 100
63 0.0 45.3 67.9#
154 68.4 46.0 69.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

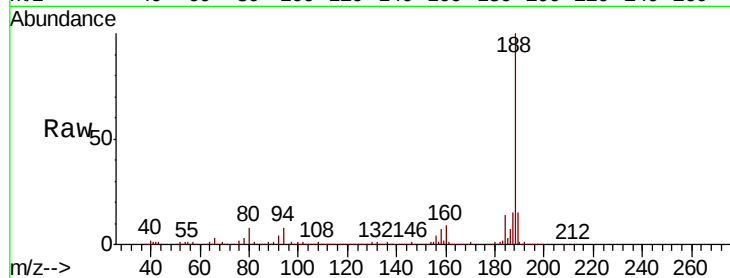
Tgt Ion:188 Resp: 449592

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

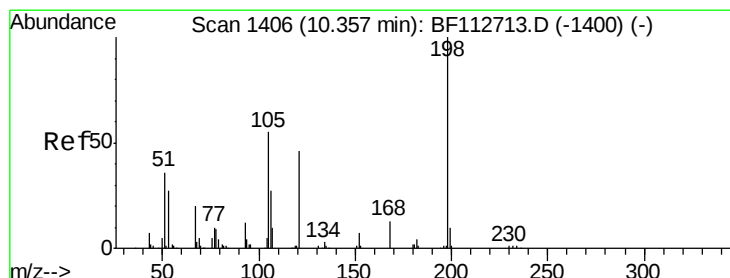
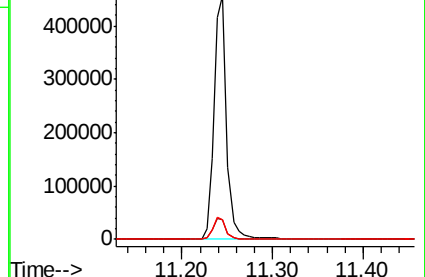
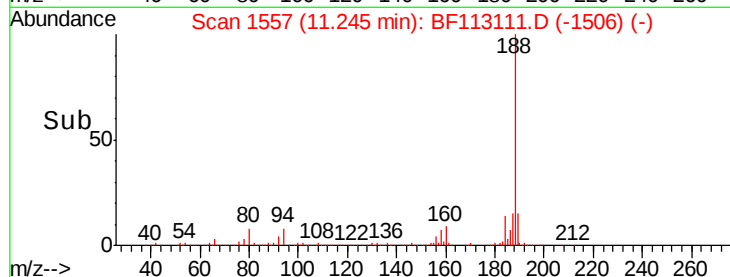
80 8.1 9.2 13.8#



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: 4.846 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

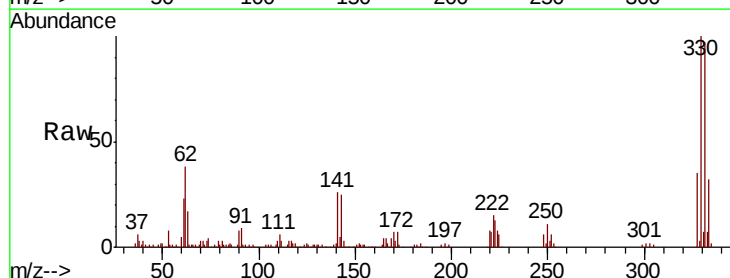
Tgt Ion:198 Resp: 477

Ion Ratio Lower Upper

198 100

51 192.3 43.8 83.8#

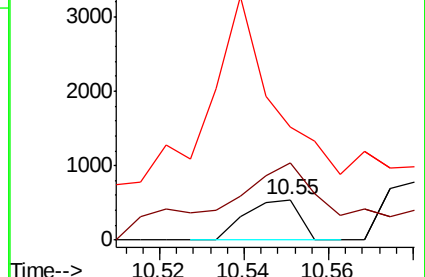
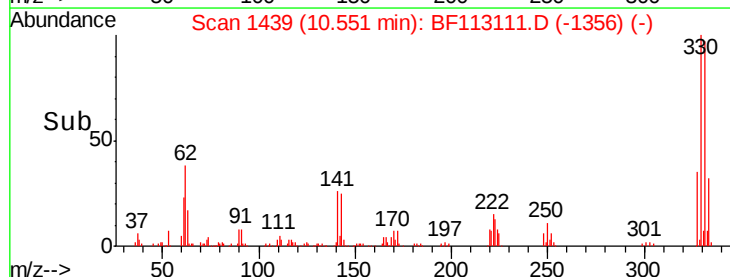
105 279.0 36.5 76.5#

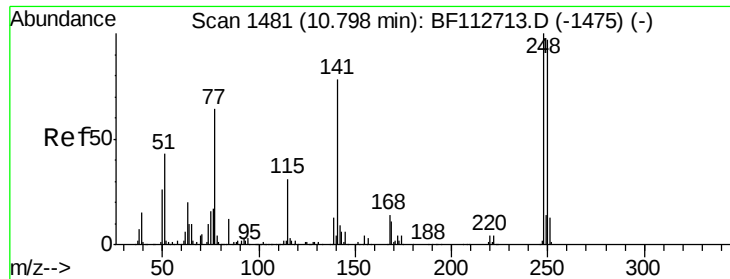


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

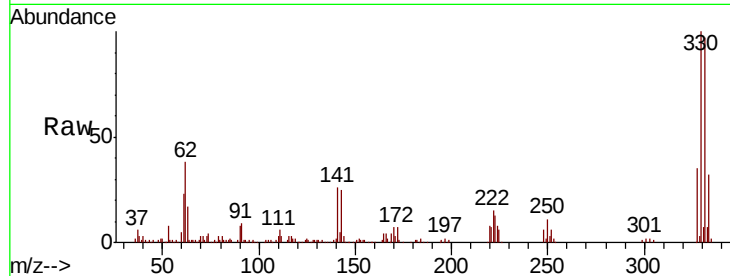




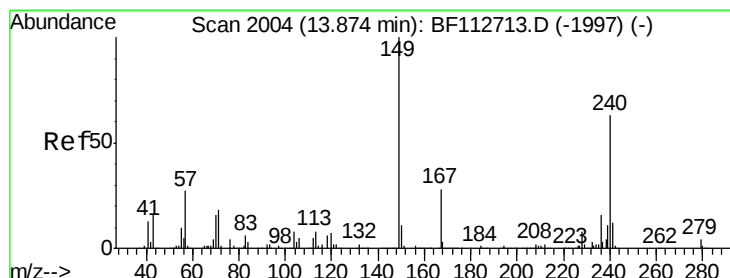
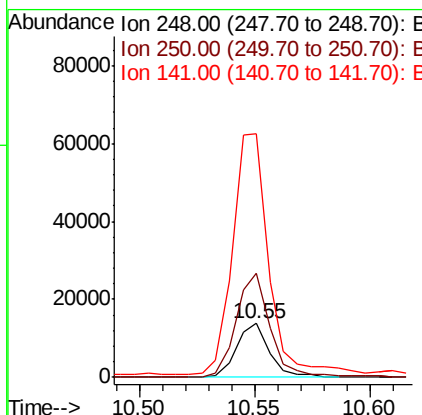
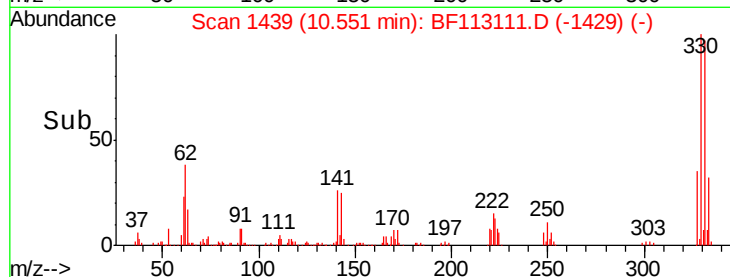
#67
 4-Bromophenyl-phenylether
 Concen: 2.902 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B127-031319

Tgt Ion: 248 Resp: 13741
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.5 116.3#
 141 452.2 62.4 93.6#

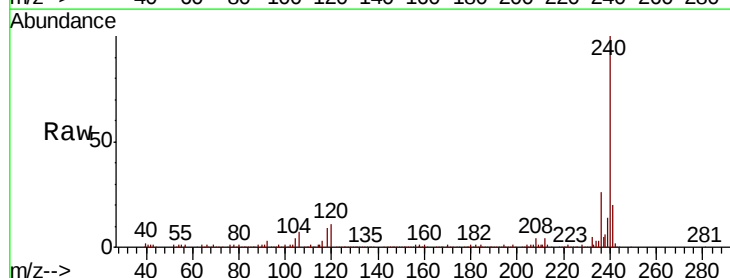


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

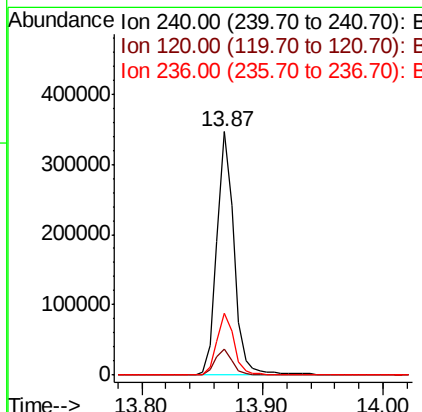
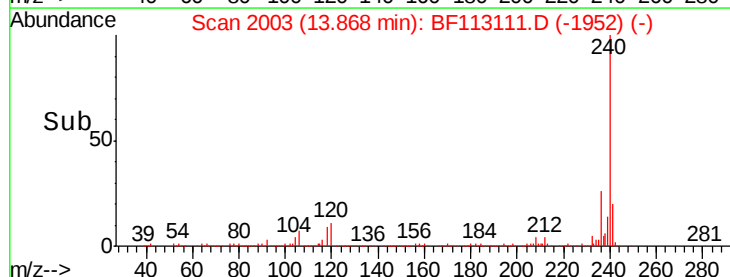


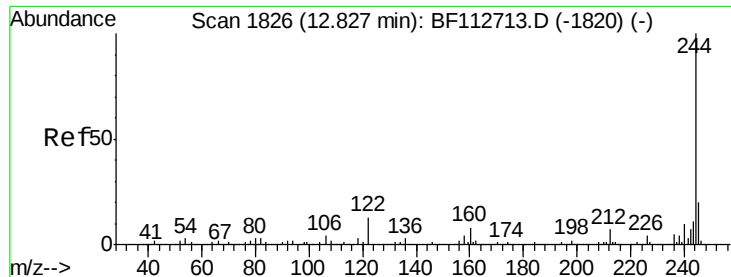
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Tgt Ion: 240 Resp: 337356
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.9 13.3
 236 25.5 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: 52.509 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

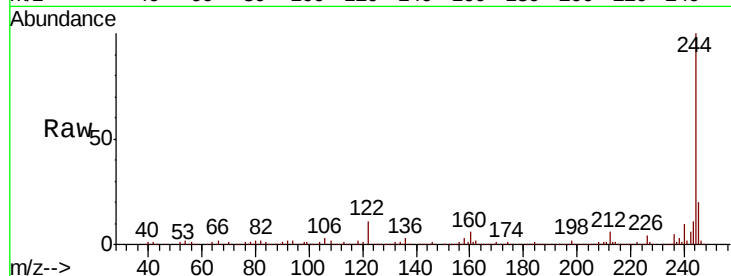
Tgt Ion:244 Resp: 913805

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

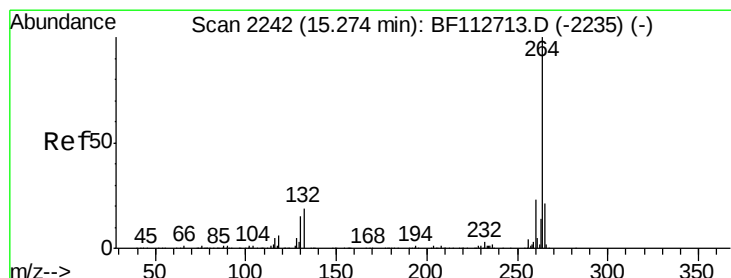
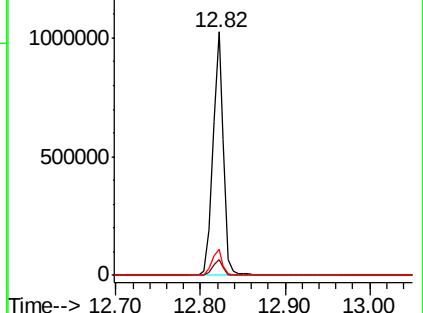
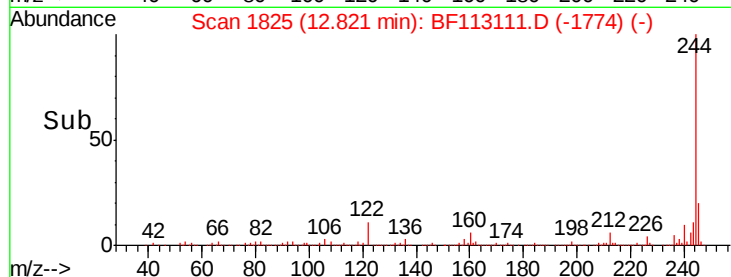
122 10.6 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

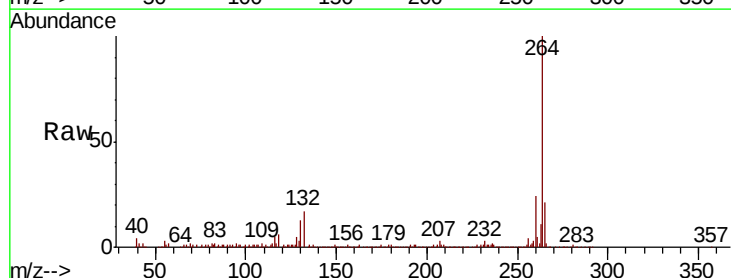
Tgt Ion:264 Resp: 246619

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

