

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113114.D
 Acq On : 19 Mar 2019 2:46
 Operator : JU/SJ
 Sample : K1947-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B003-031219

Quant Time: Mar 19 06:46:58 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

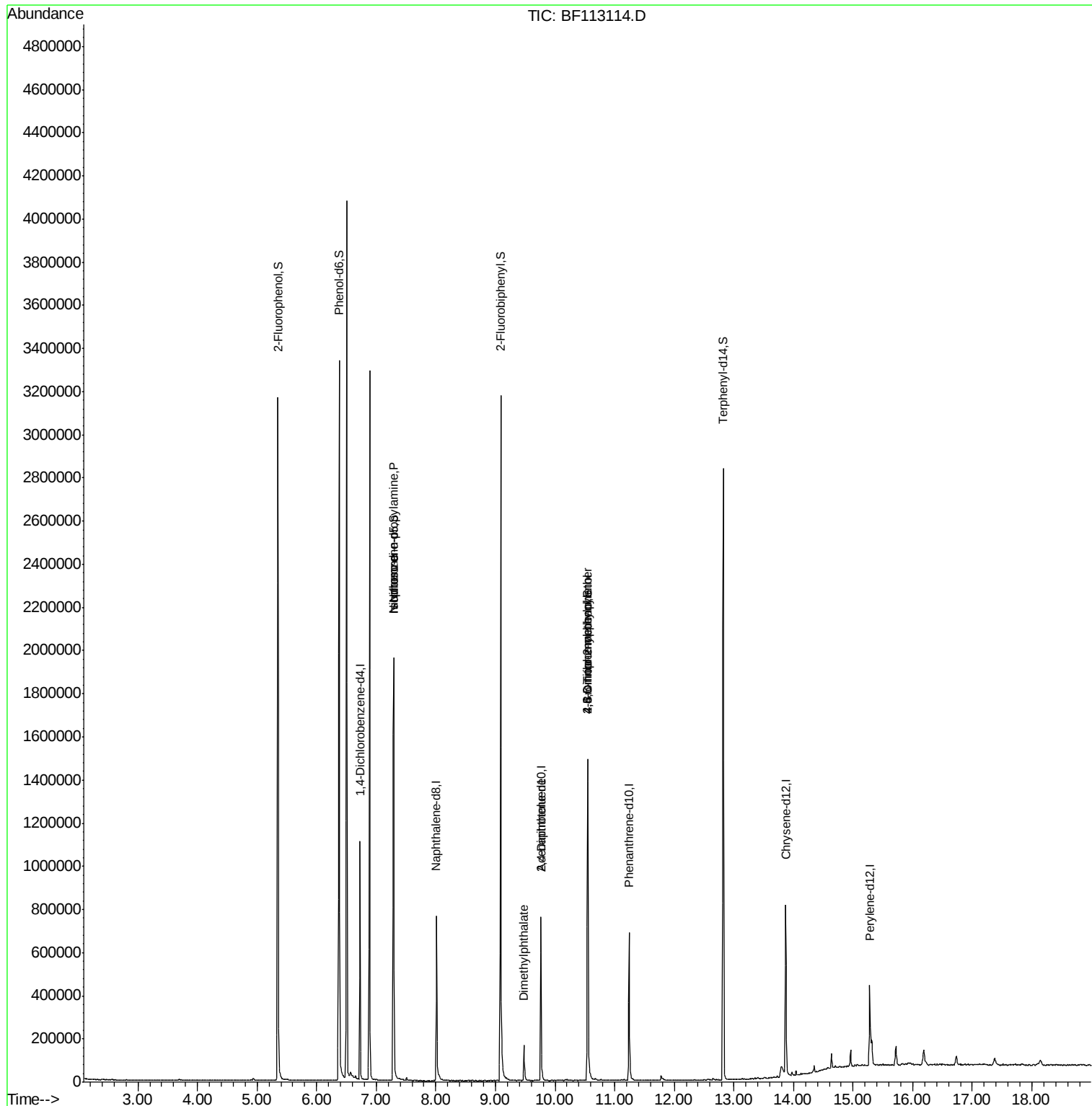
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153249	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	410233	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	171798	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	312650	20.00	ng	0.00
76) Chrysene-d12	13.87	240	301912	20.00	ng	0.00
87) Perylene-d12	15.28	264	204327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	938111	95.22	ng	0.00
7) Phenol-d6	6.38	99	1353821	109.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	666251	97.18	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	249848	136.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1076076	113.78	ng	0.00
79) Terphenyl-d14	12.82	244	1044755	67.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	87603	11.177	ng	Qvalue # 75
25) Isophorone	7.29	82	666244	45.109	ng	# 66
50) Dimethylphthalate	9.48	163	88698	7.002	ng	98
57) 2,4-Dinitrotoluene	9.76	165	21552	6.573	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	259	4.795	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	13889	4.218	ng	# 1

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

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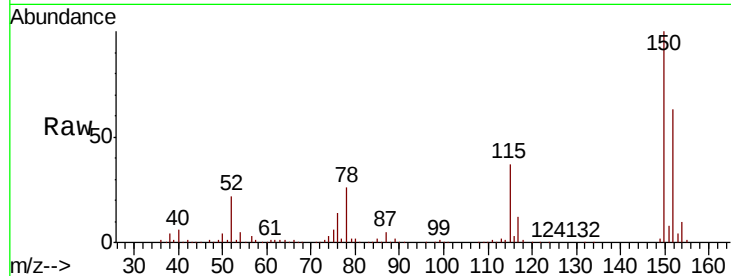




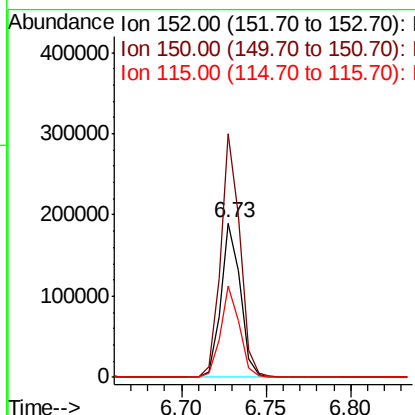
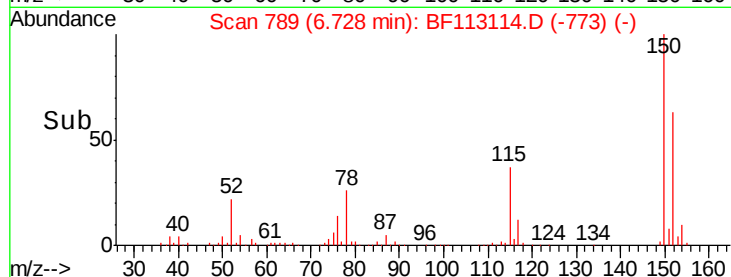
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113114.D
 Acq: 19 Mar 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B003-031219

Tgt Ion:152 Resp: 153249
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 59.2 48.2 72.4

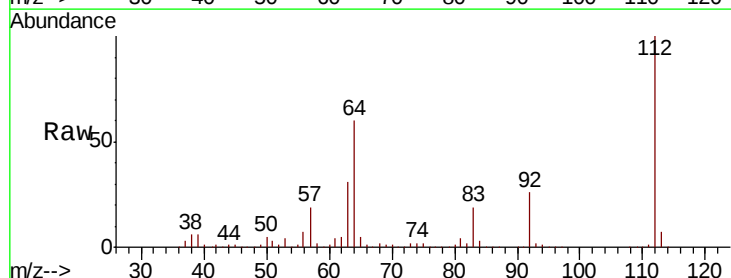


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

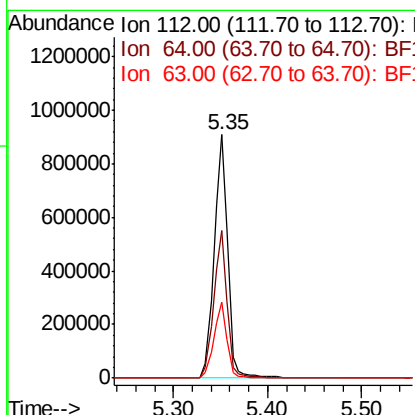
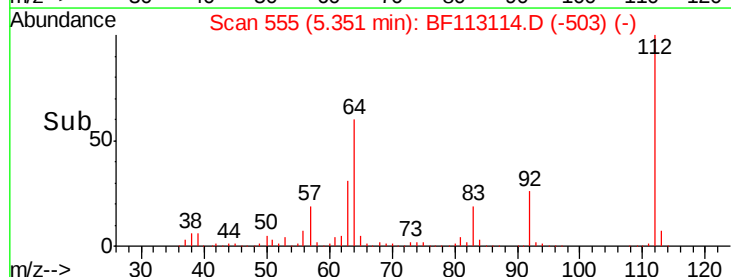


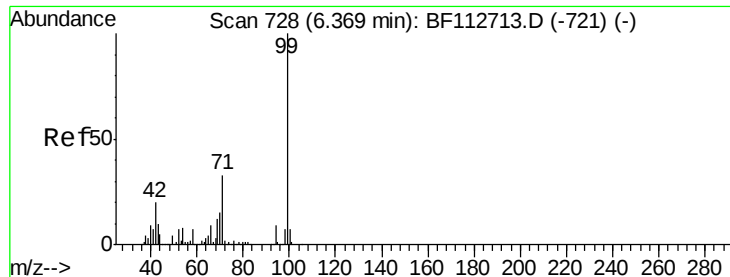
#5
 2-Fluorophenol
 Concen: 95.222 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113114.D
 Acq: 19 Mar 2019 2:46

Tgt Ion:112 Resp: 938111
 Ion Ratio Lower Upper
 112 100
 64 60.5 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: 109.395 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

Instrument :

BNA_F

ClientSampleId :

PST-028-B003-031219

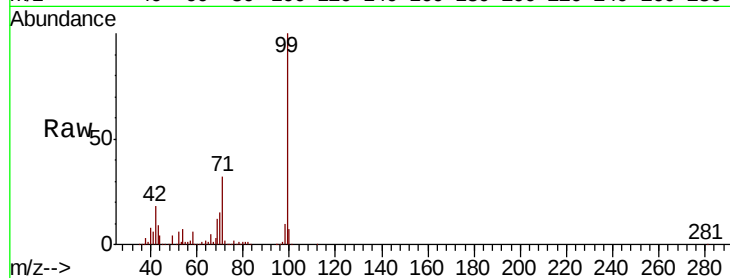
Tgt Ion: 99 Resp: 1353821

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

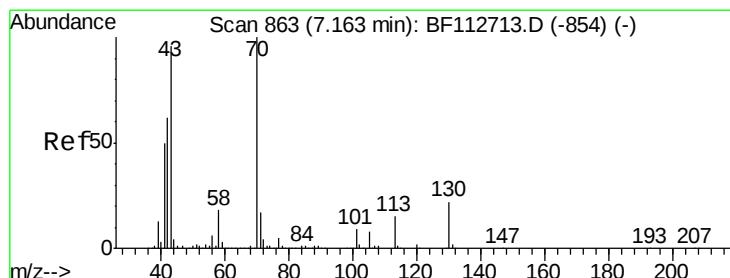
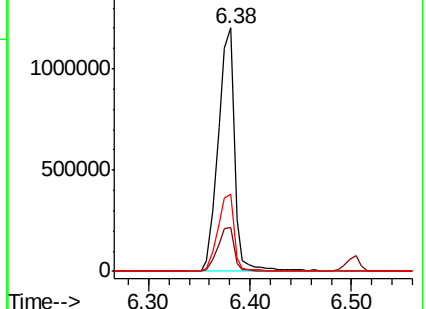
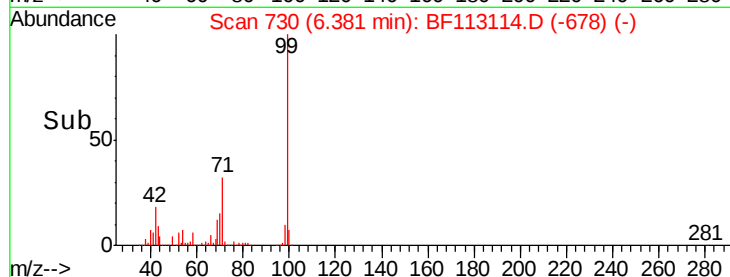
71 31.7 26.2 39.4



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: 11.177 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

Tgt Ion: 70 Resp: 87603

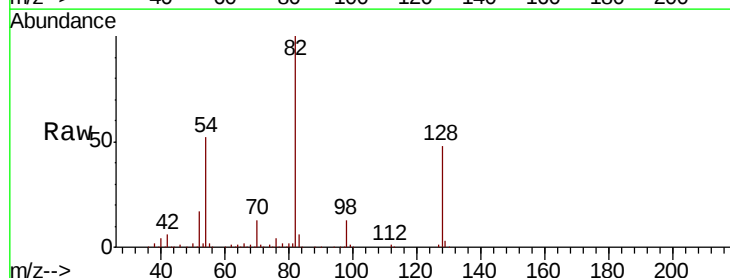
Ion Ratio Lower Upper

70 100

42 47.3 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

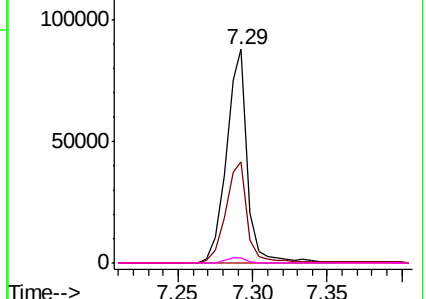
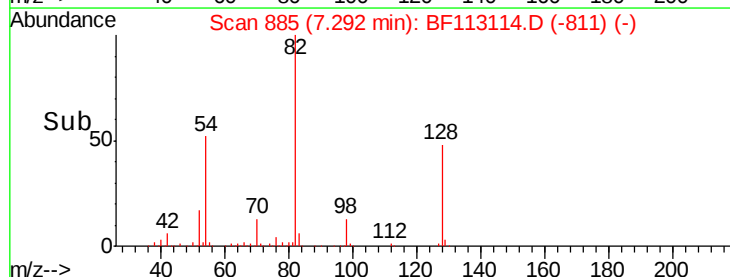


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

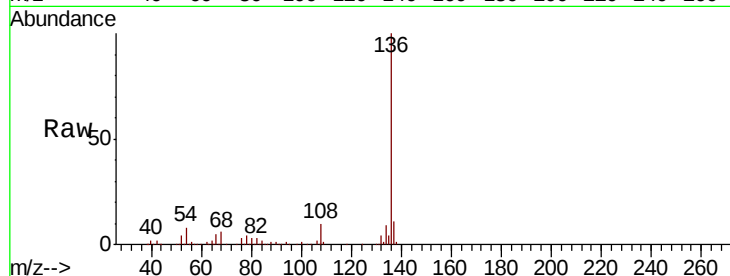




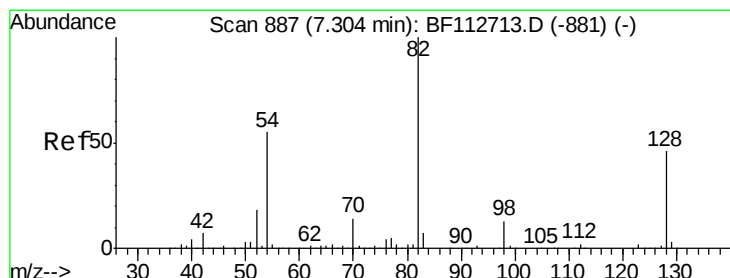
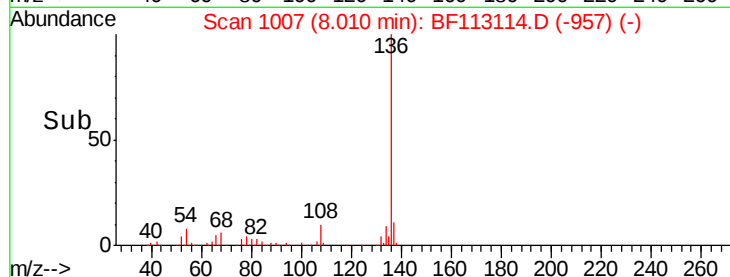
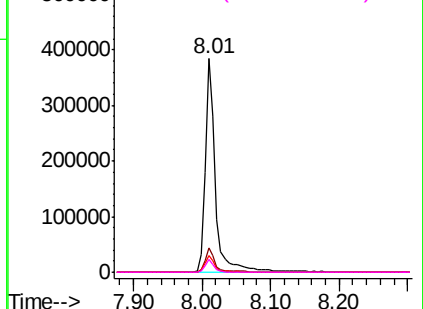
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Instrument :
BNA_F
ClientSampleId :
PST-028-B003-031219

Tgt Ion:	136	Resp:	410233
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	5.8	5.4	8.2

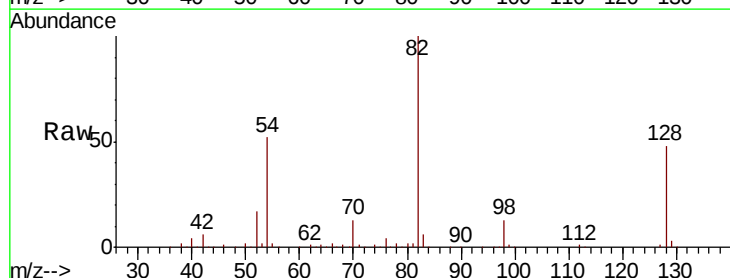


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

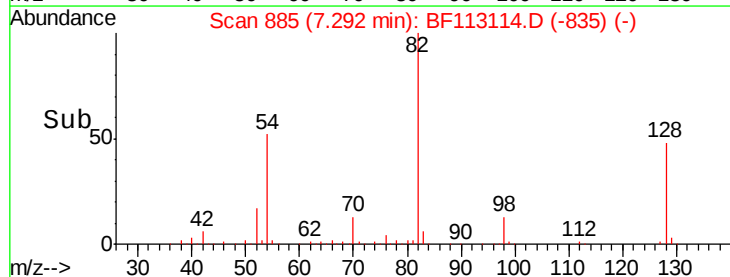
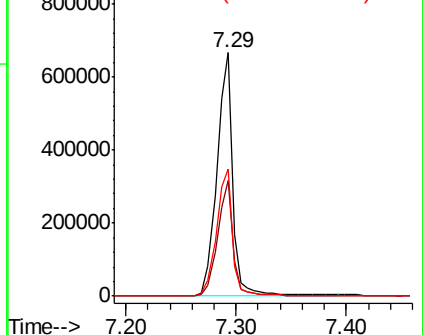


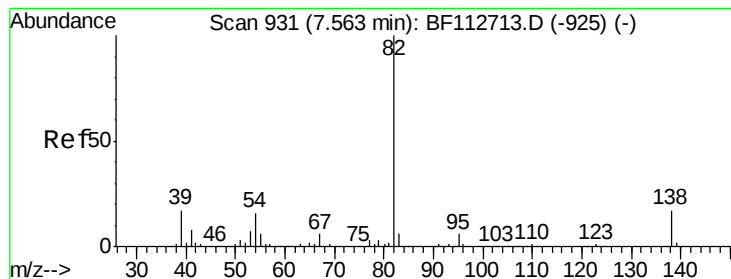
#23
Nitrobenzene-d5
Concen: 97.182 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Tgt Ion:	82	Resp:	666251
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.1	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: 45.109 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

Instrument :

BNA_F

ClientSampleId :

PST-028-B003-031219

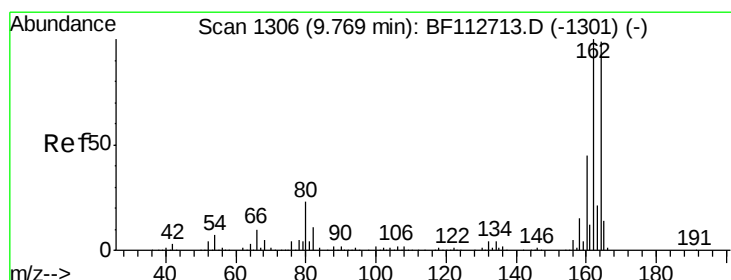
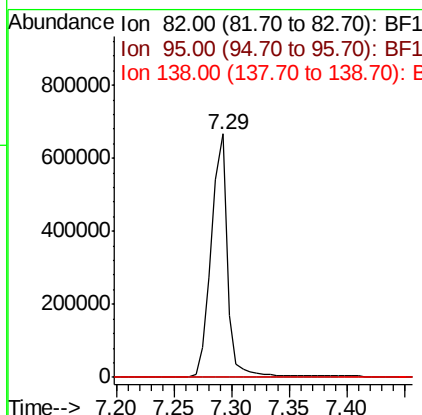
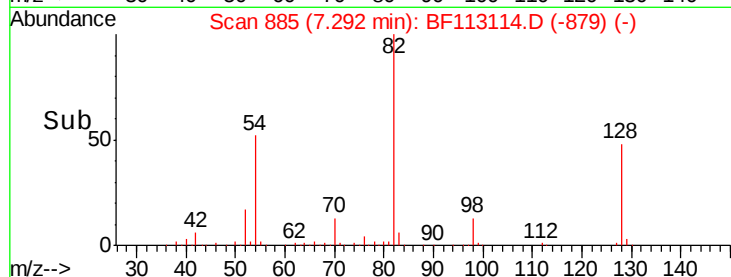
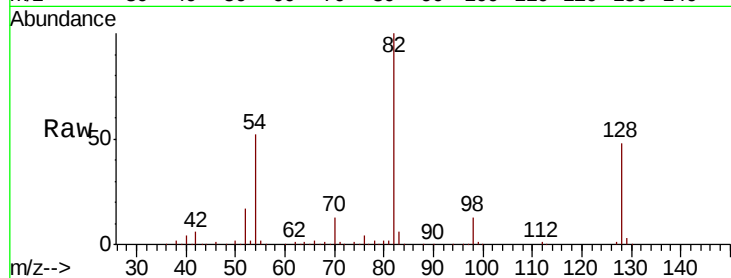
Tgt Ion: 82 Resp: 666244

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

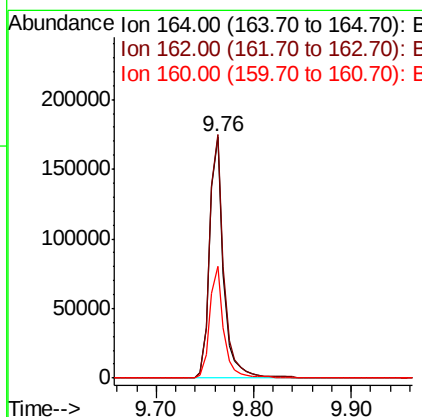
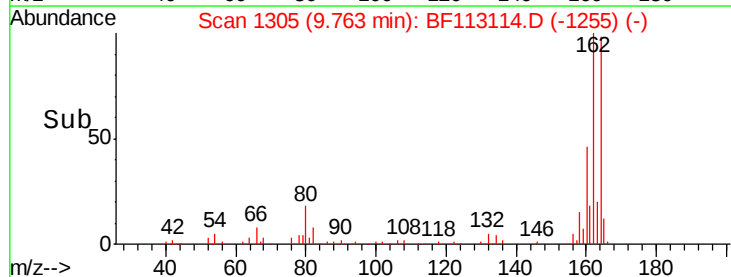
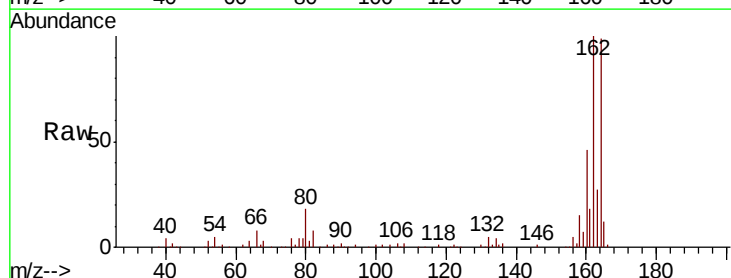
Tgt Ion: 164 Resp: 171798

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 46.2 36.0 54.0

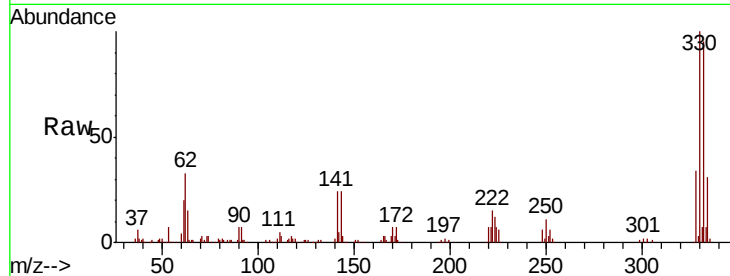




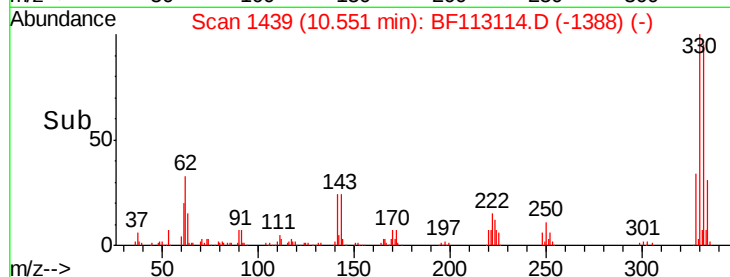
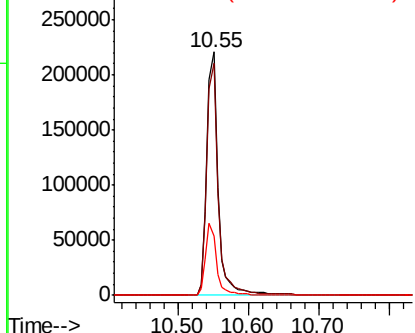
#42
 2,4,6-Tribromophenol
 Concen: 136.989 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113114.D
 Acq: 19 Mar 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B003-031219

Tgt Ion: 330 Resp: 249848
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 28.5 27.0 40.6

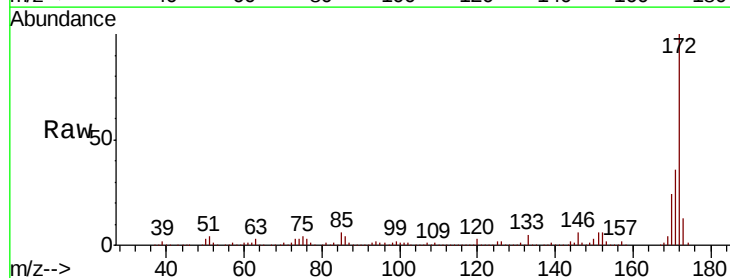


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

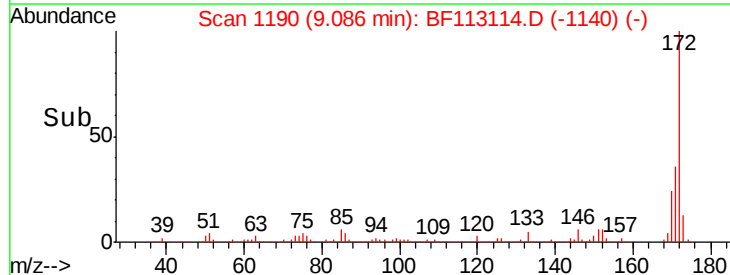
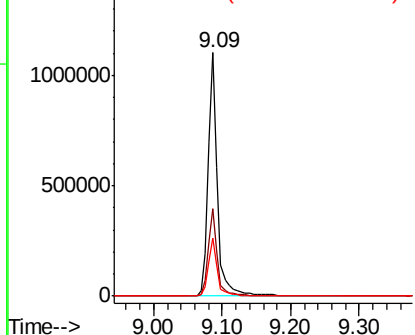


#45
 2-Fluorobiphenyl
 Concen: 113.784 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113114.D
 Acq: 19 Mar 2019 2:46

Tgt Ion: 172 Resp: 1076076
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 23.9 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

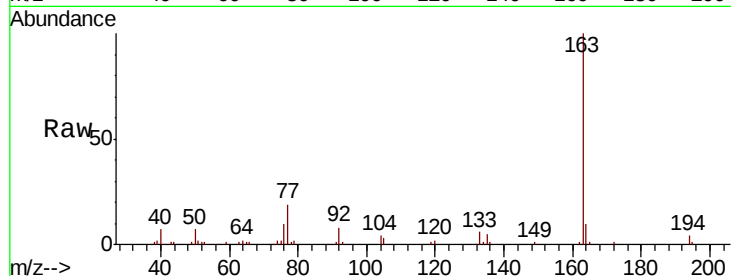




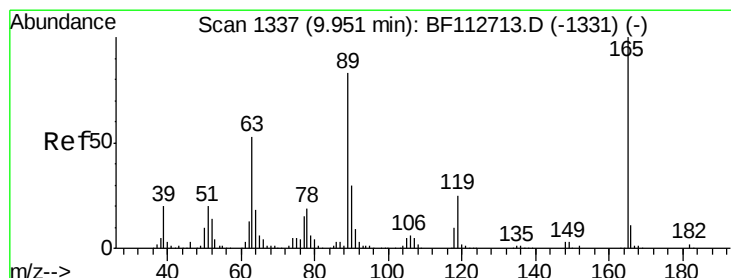
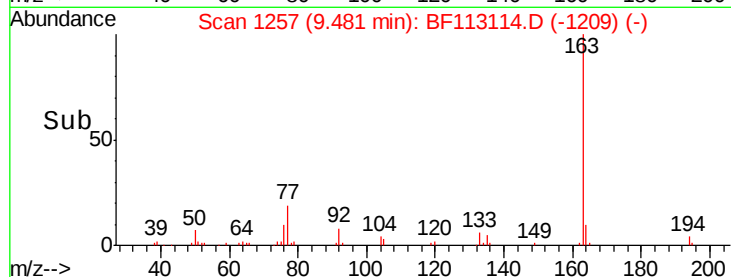
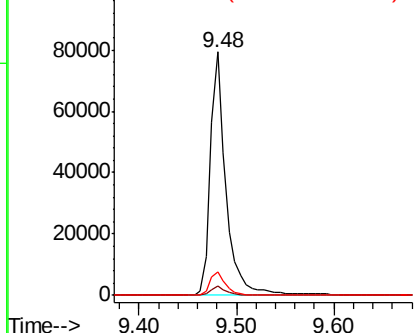
#50
Dimethylphthalate
Concen: 7.002 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Instrument :
BNA_F
ClientSampleId :
PST-028-B003-031219

Tgt Ion:163 Resp: 88698
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.7 8.4 12.6

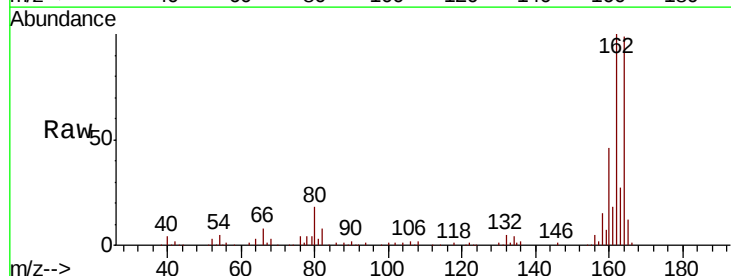


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

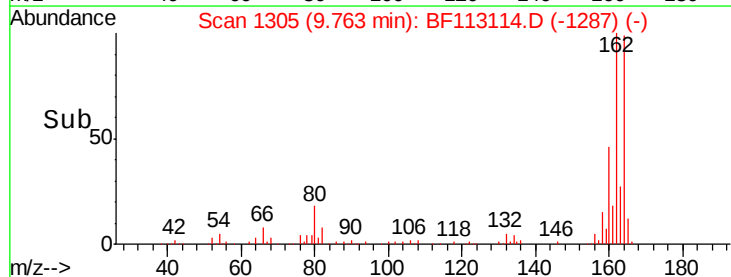
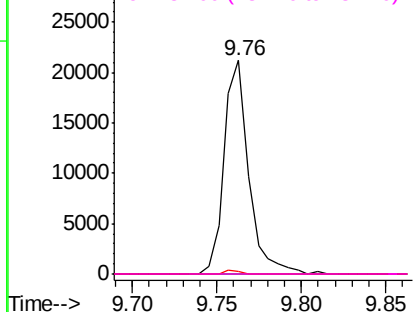


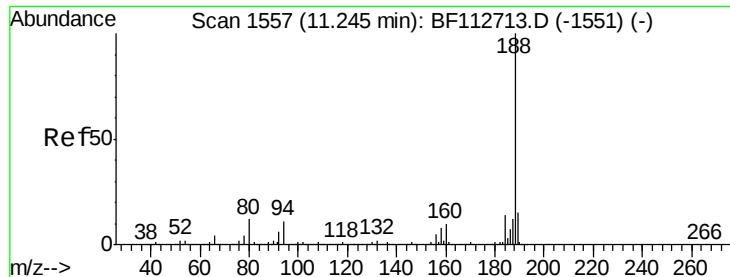
#57
2,4-Dinitrotoluene
Concen: 6.573 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Tgt Ion:165 Resp: 21552
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

Instrument :

BNA_F

ClientSampleId :

PST-028-B003-031219

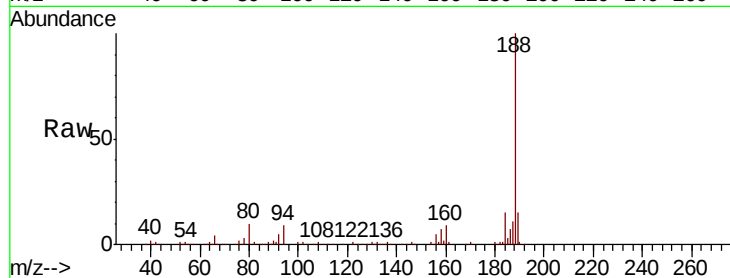
Tgt Ion:188 Resp: 312650

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

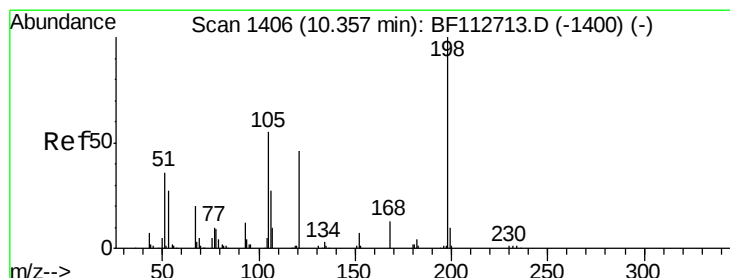
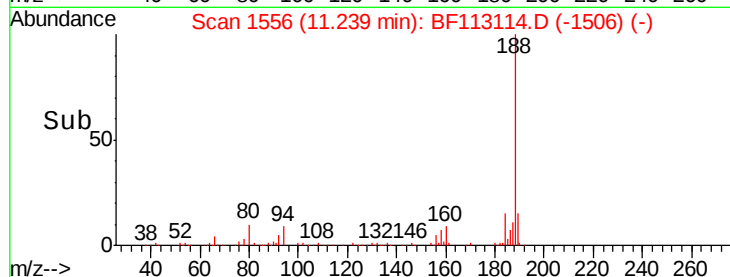
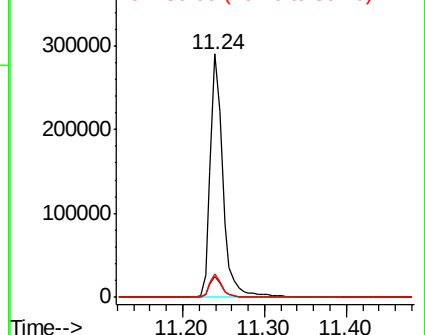
80 9.7 9.2 13.8



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: 4.795 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

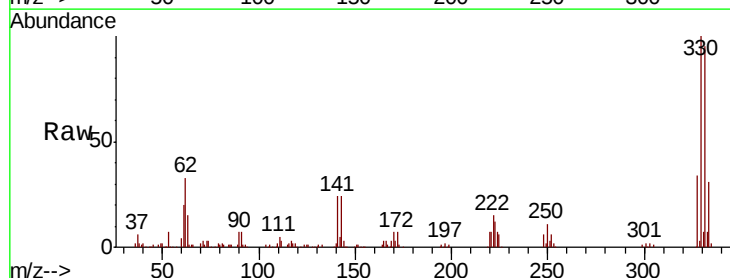
Tgt Ion:198 Resp: 259

Ion Ratio Lower Upper

198 100

51 151.5 43.8 83.8#

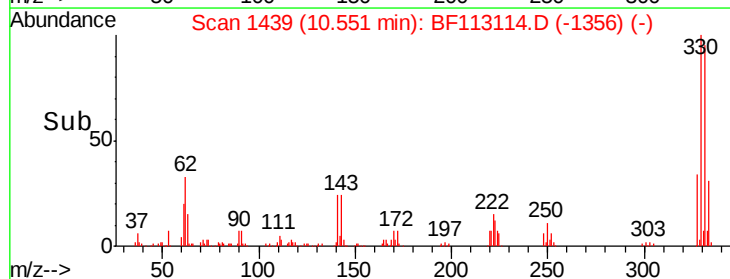
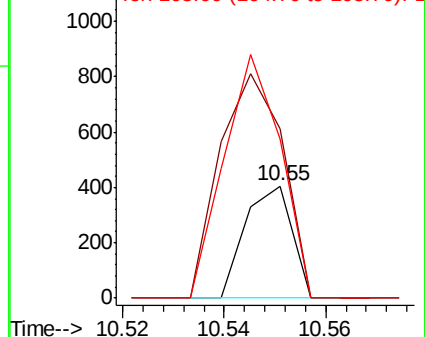
105 142.8 36.5 76.5#

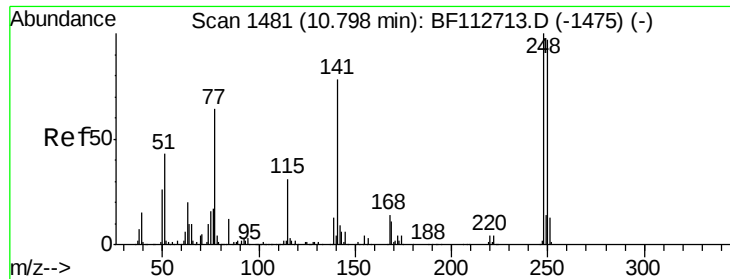


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

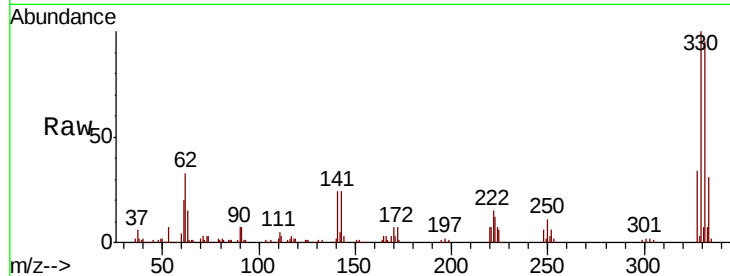




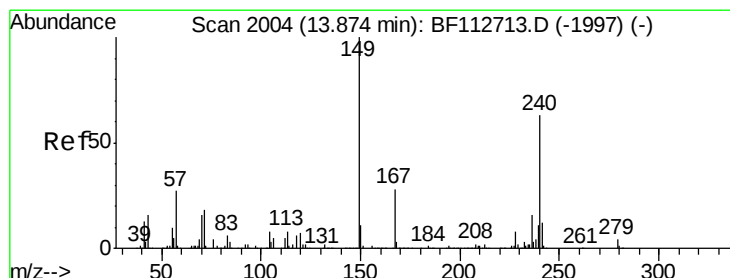
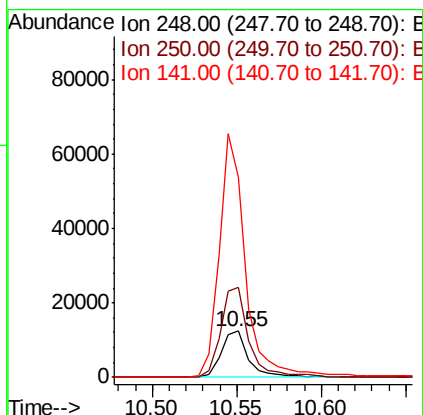
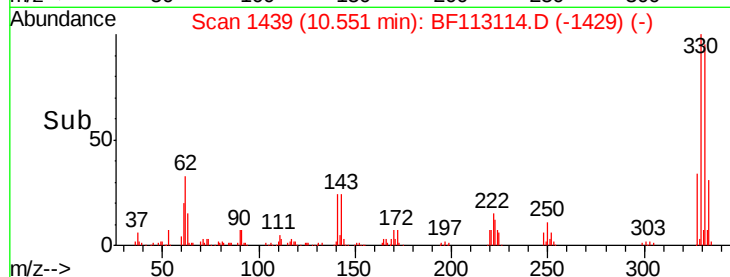
#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Instrument :
BNA_F
ClientSampleId :
PST-028-B003-031219

Tgt Ion:248 Resp: 13889
Ion Ratio Lower Upper
248 100
250 194.4 77.5 116.3#
141 435.0 62.4 93.6#

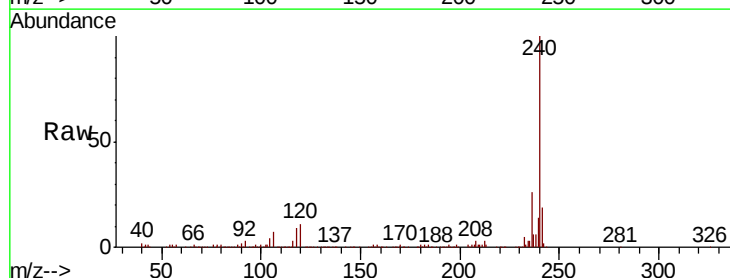


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

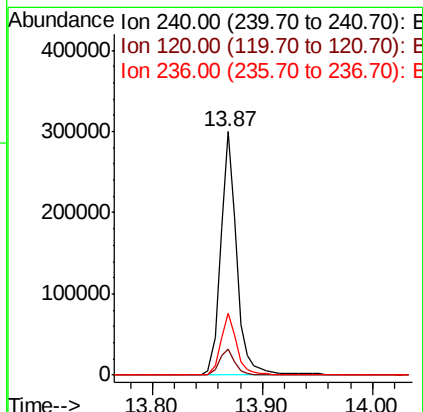
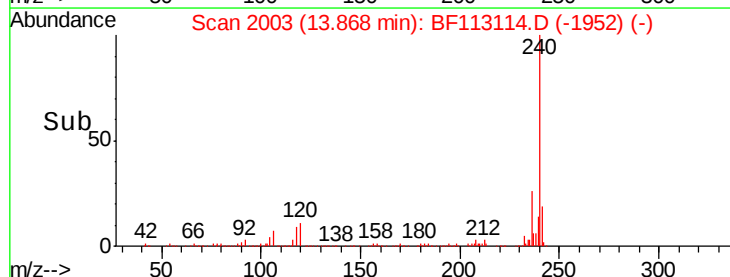


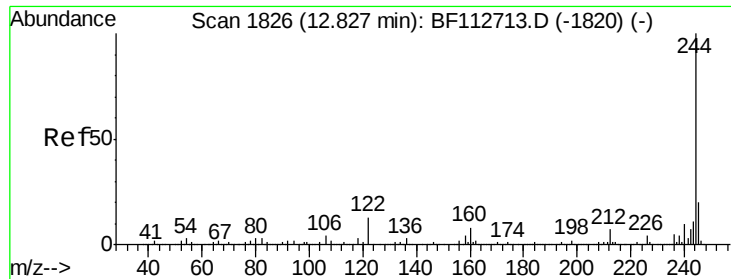
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113114.D
Acq: 19 Mar 2019 2:46

Tgt Ion:240 Resp: 301912
Ion Ratio Lower Upper
240 100
120 10.6 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: 67.081 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113114.D

Acq: 19 Mar 2019 2:46

Instrument :

BNA_F

ClientSampleId :

PST-028-B003-031219

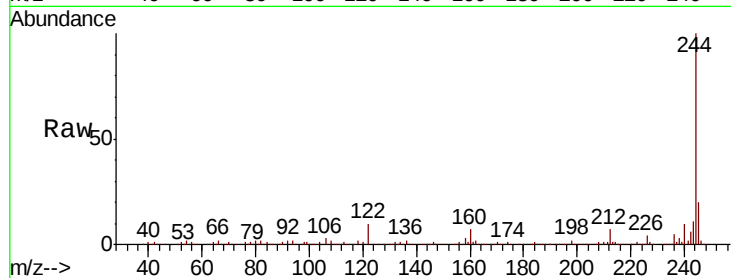
Tgt Ion:244 Resp: 1044755

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

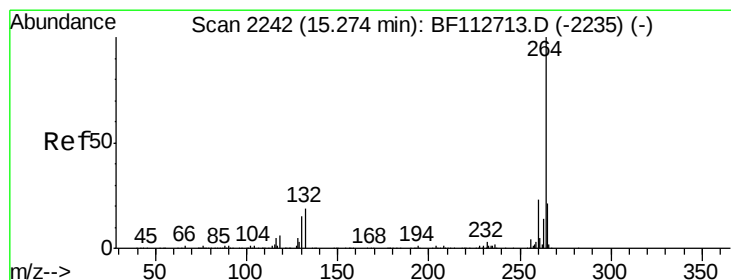
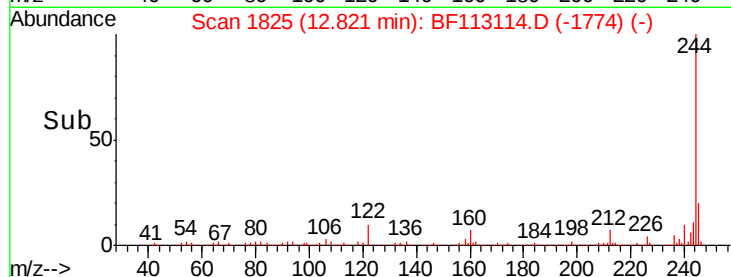
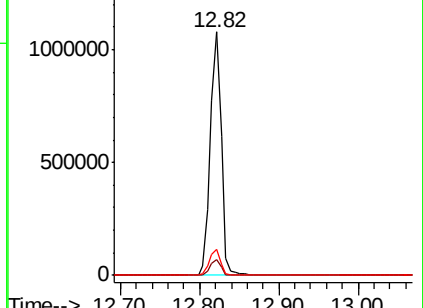
122 10.5 10.5 15.7#



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: BF113114.D

Acq: 19 Mar 2019 2:46

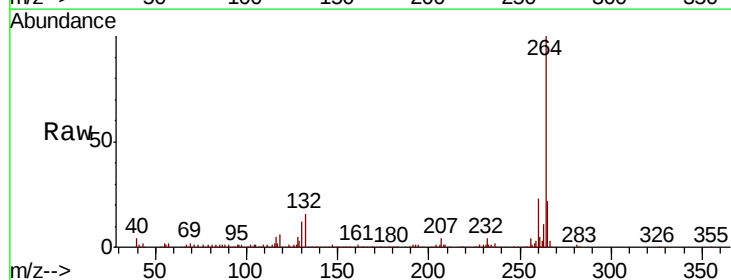
Tgt Ion:264 Resp: 204327

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.9 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

