

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113038.D
 Acq On : 13 Mar 2019 20:19
 Operator : JU/SJ
 Sample : K1870-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 02:02:32 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

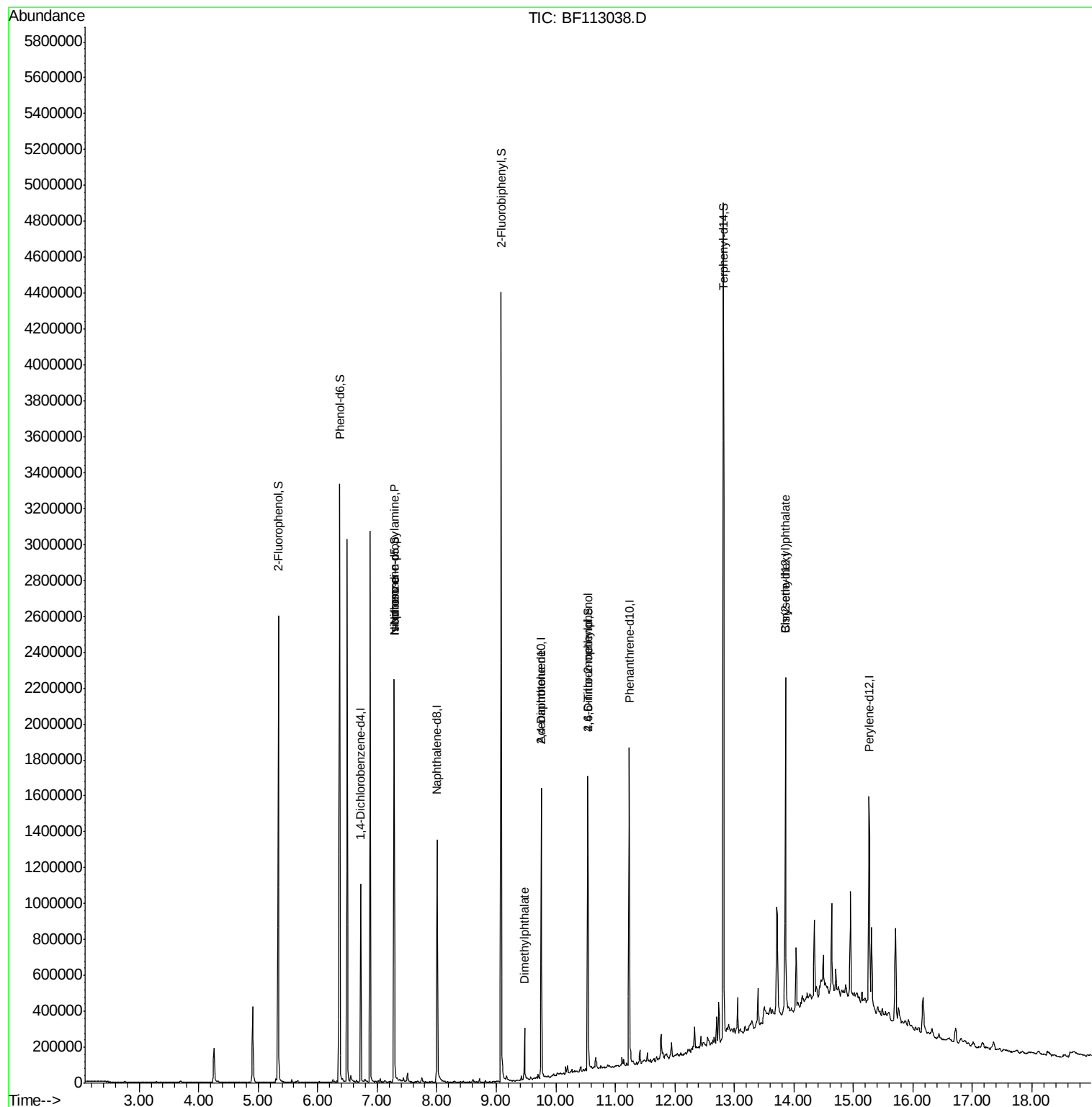
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166737	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	640553	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	331102	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	682819	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	580641	20.00	ng	-0.01
87) Perylene-d12	15.26	264	549281	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	727098	67.83	ng	0.00
7) Phenol-d6	6.37	99	1137042	84.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	737514	68.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	220036	62.60	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1469812	70.26	ng	-0.01
79) Terphenyl-d14	12.82	244	1770056	59.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	95851	11.240	ng	# 76
25) Isophorone	7.29	82	737506	31.979	ng	# 66
50) Dimethylphthalate	9.47	163	118489	4.853	ng	98
57) 2,4-Dinitrotoluene	9.76	165	43864	6.941	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	284	4.704	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.85	149	121553	4.796	ng	100

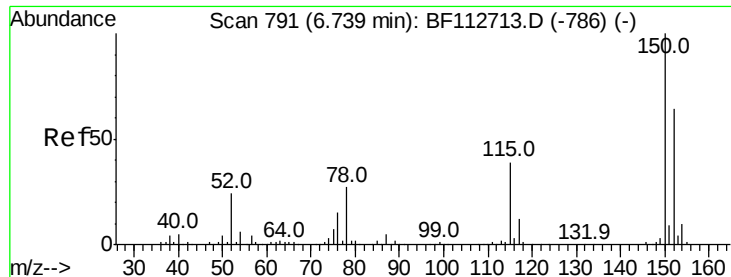
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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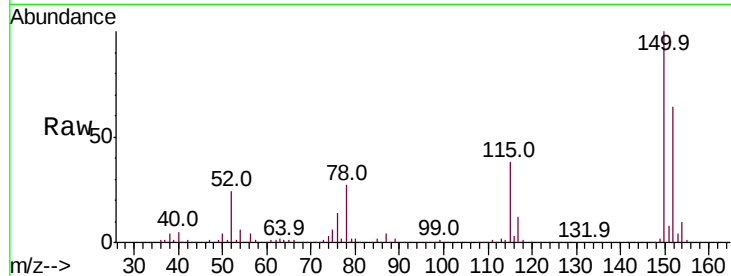


#1

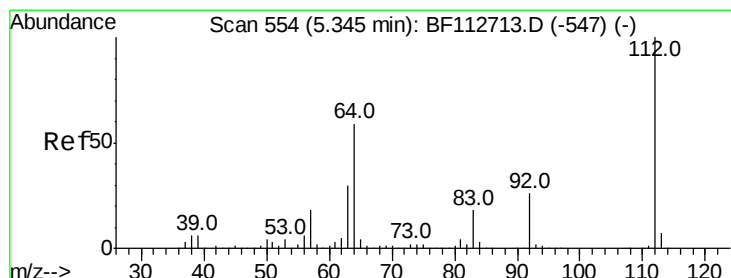
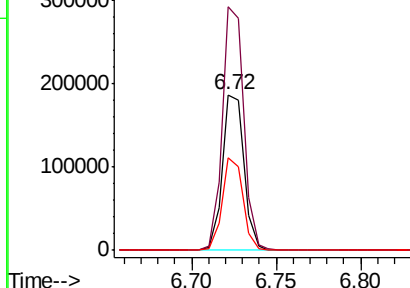
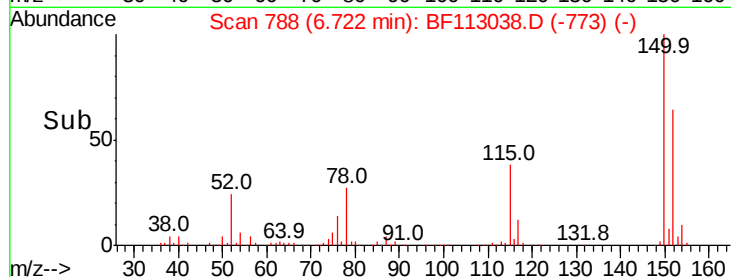
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	59.4	48.2	72.4



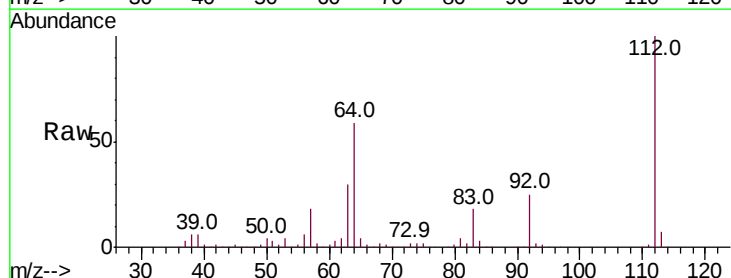
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



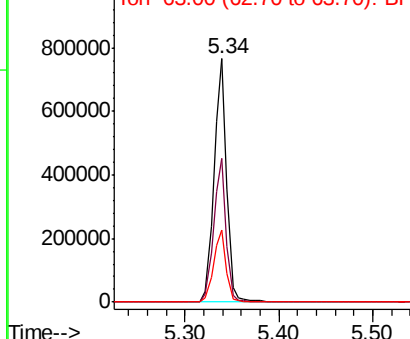
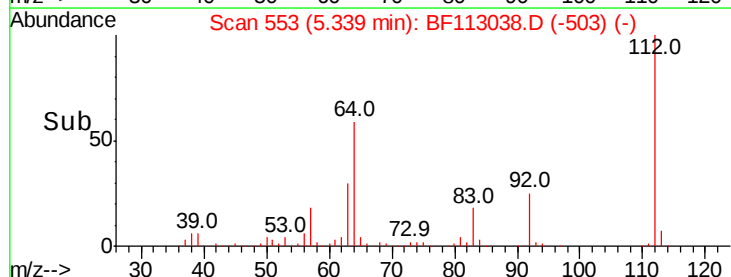
#5

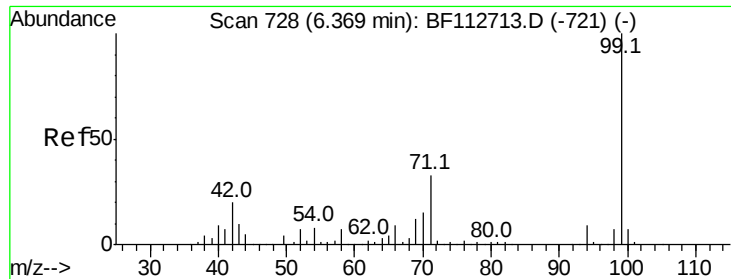
2-Fluorophenol
Concen: 67.833 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.6	71.4
63	29.7	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: 84.446 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

Instrument :

BNA_F

ClientSampleId :

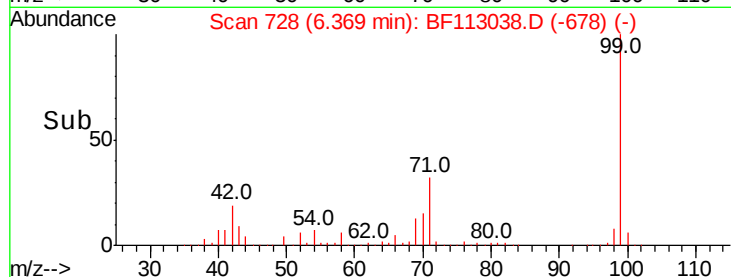
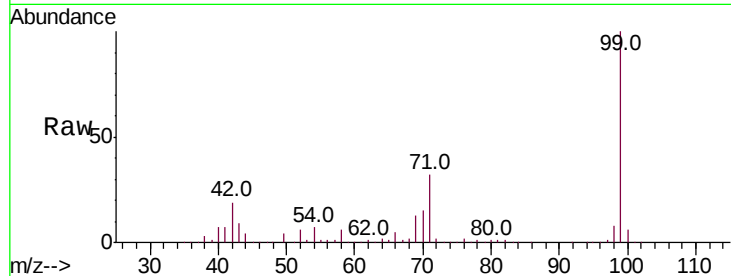
Tot Ion: 99 Resp: 1137042

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

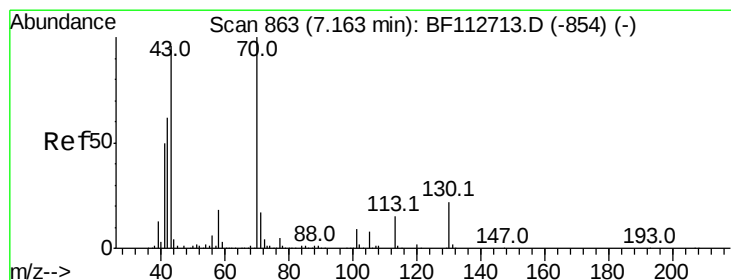
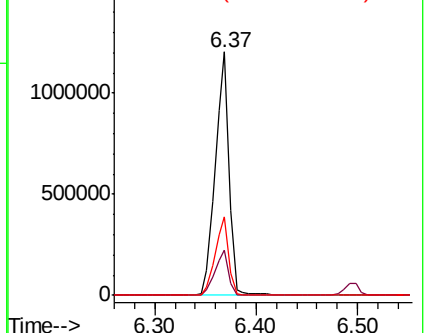
71 32.3 26.2 39.4



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: 11.240 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

Tgt Ion: 70 Resp: 95851

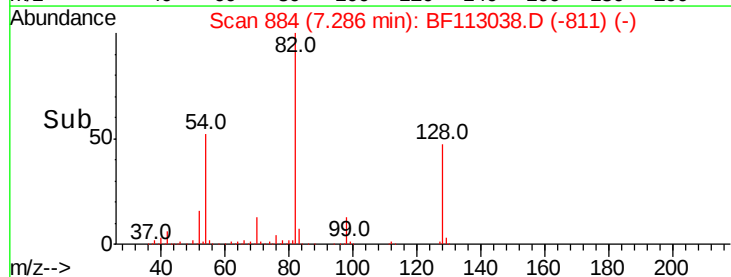
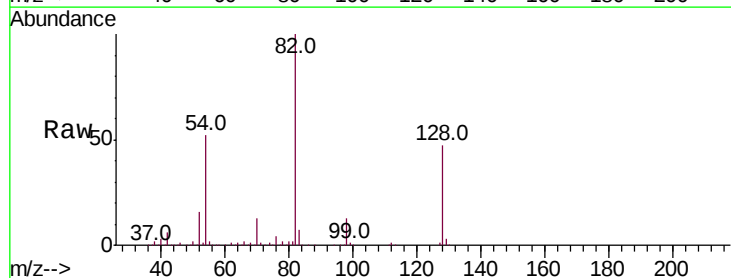
Ion Ratio Lower Upper

70 100

42 48.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

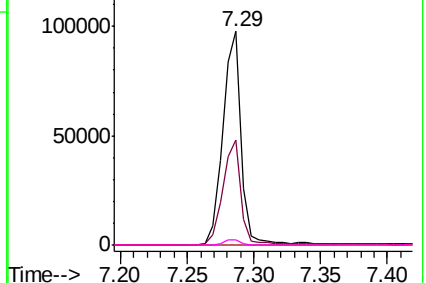


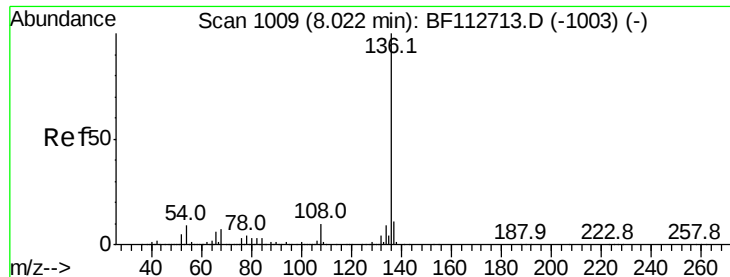
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

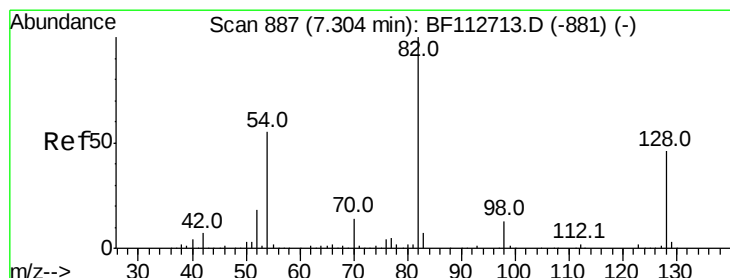
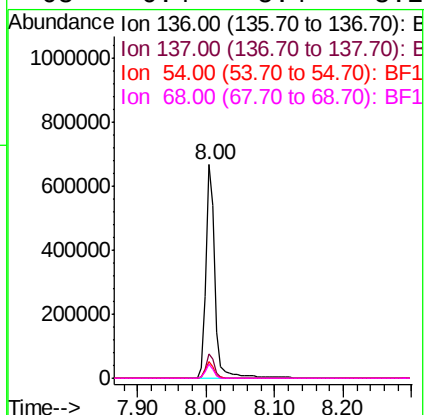
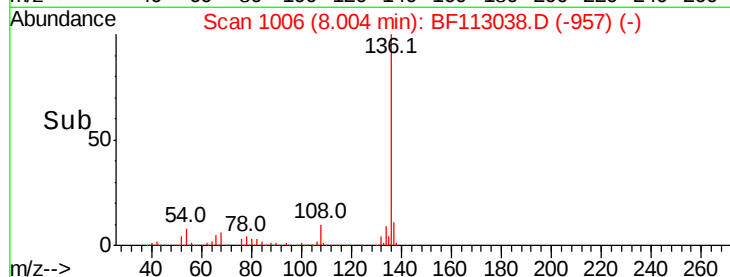
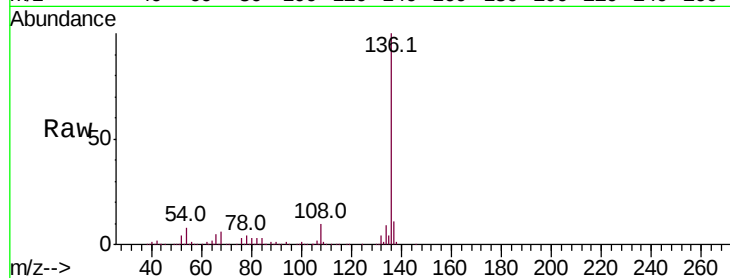




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

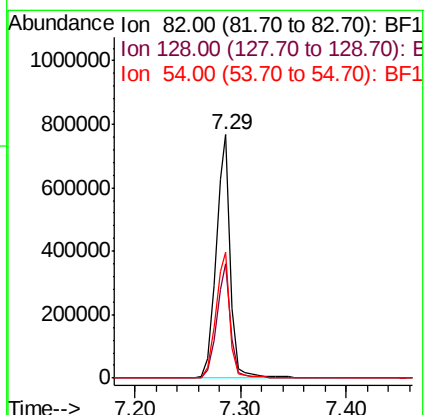
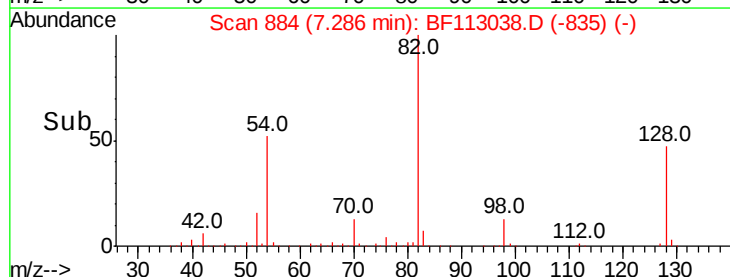
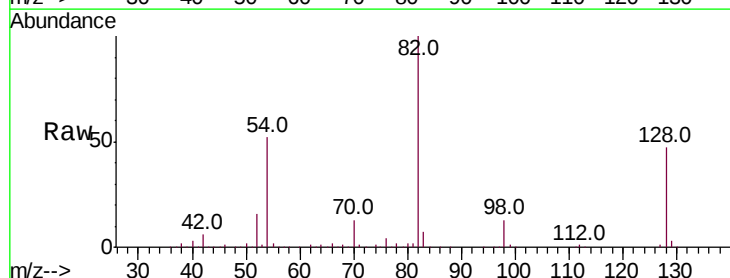
Instrument :
BNA_F
ClientSampleId :

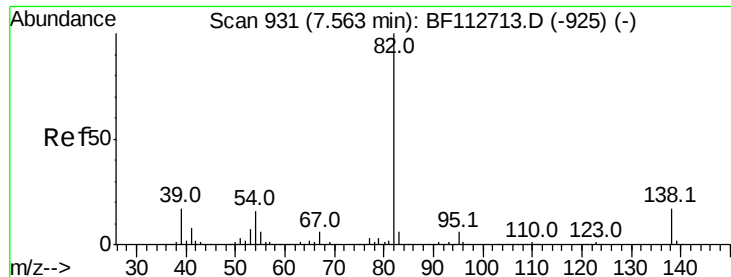
Tot Ion:	136	Resp:	640553
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.1	7.3	10.9
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 68.896 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Tgt Ion:	82	Resp:	737514
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	51.8	43.7	65.5





#25

Isophorone

Concen: 31.979 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

Instrument :

BNA_F

ClientSampleId :

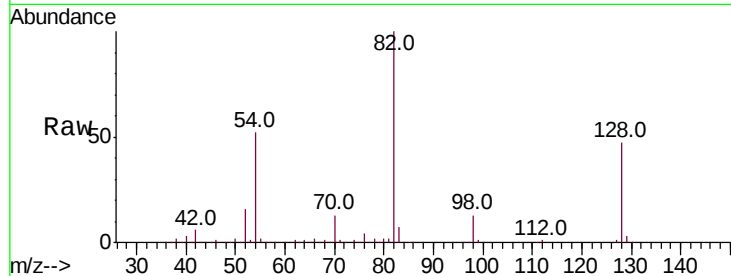
Tot Ion: 82 Resp: 737506

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

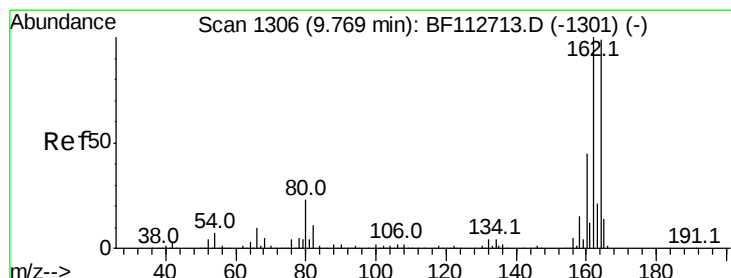
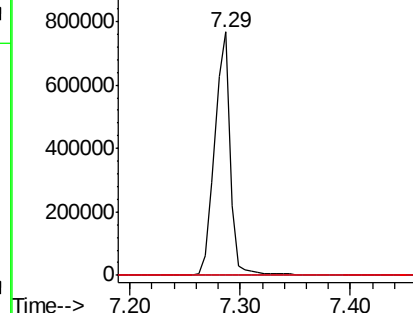
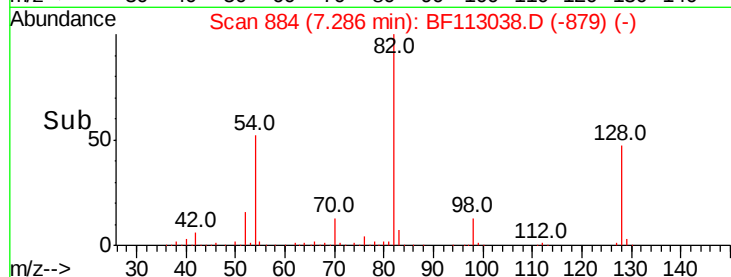
138 0.0 13.8 20.8#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

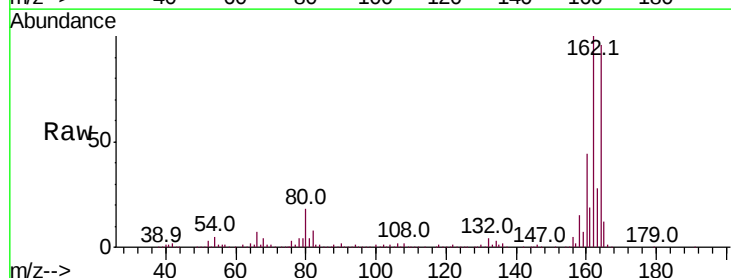
Tgt Ion:164 Resp: 331102

Ion Ratio Lower Upper

164 100

162 103.6 80.6 120.8

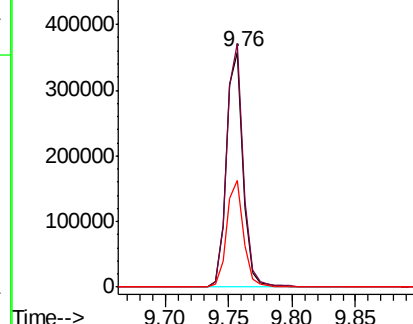
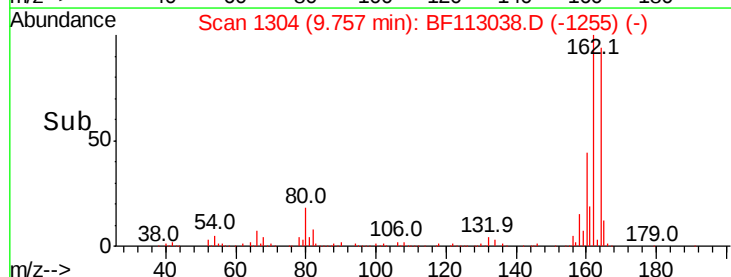
160 45.4 36.0 54.0

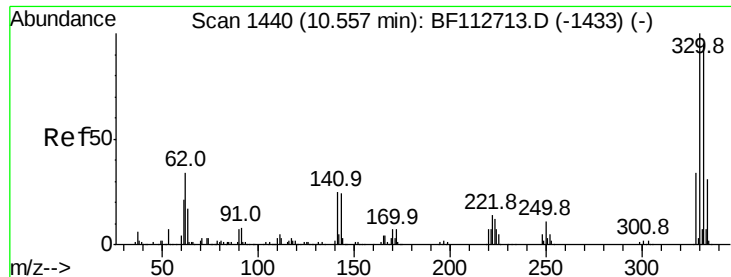


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

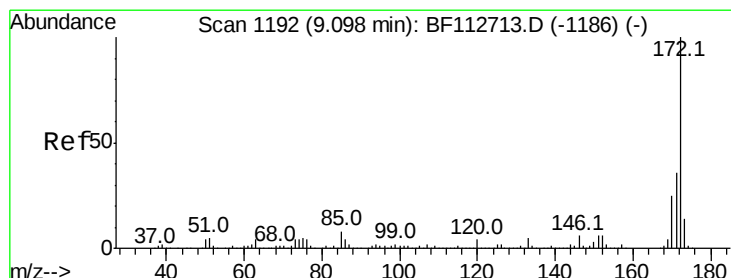
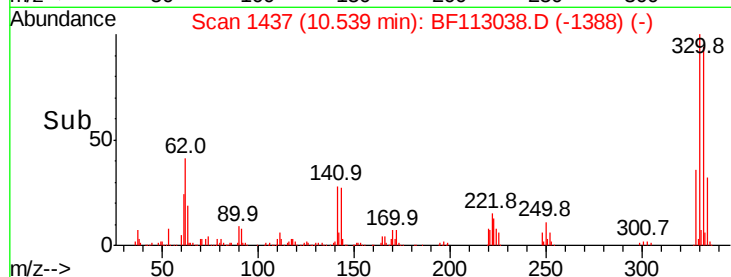
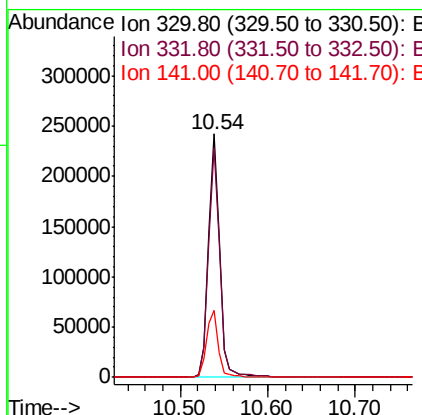
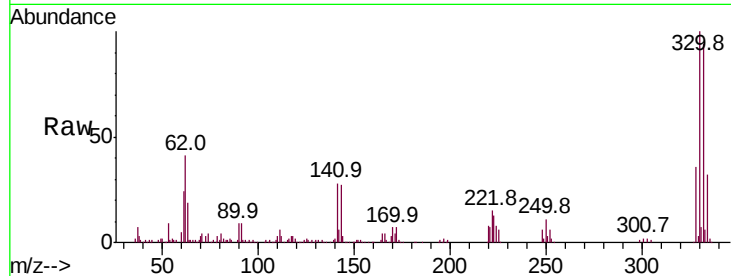




#42
 2,4,6-Tribromophenol
 Concen: 62.598 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 20:19

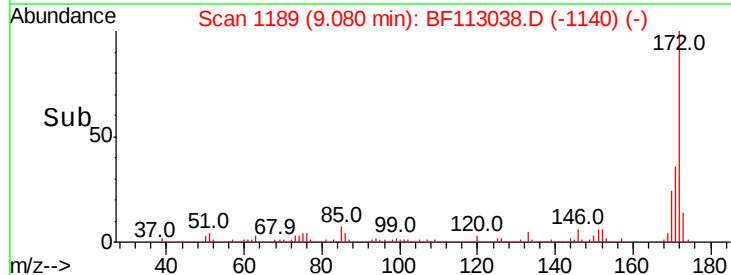
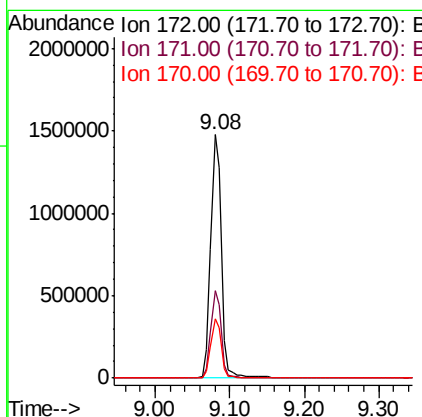
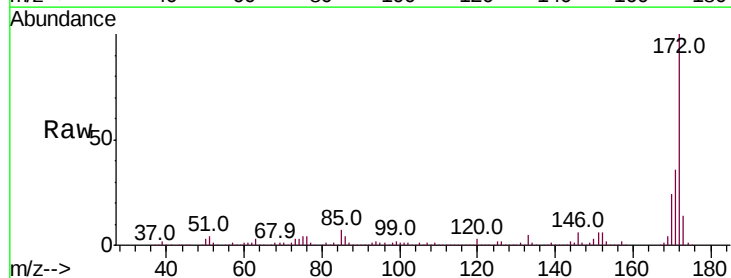
Instrument :
 BNA_F
 ClientSampleId :

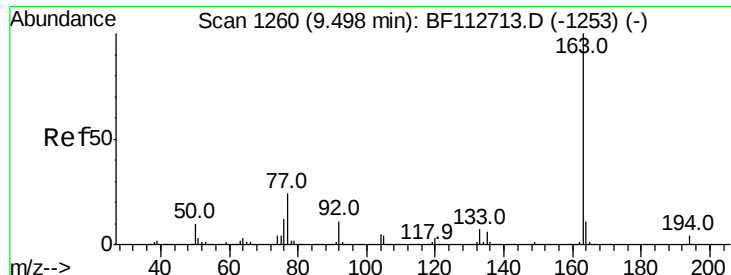
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	29.9	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 70.262 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	20.0	30.0

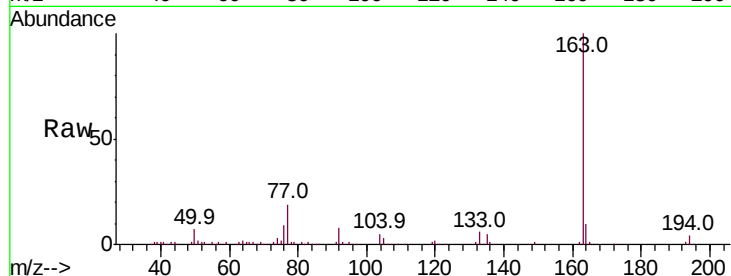




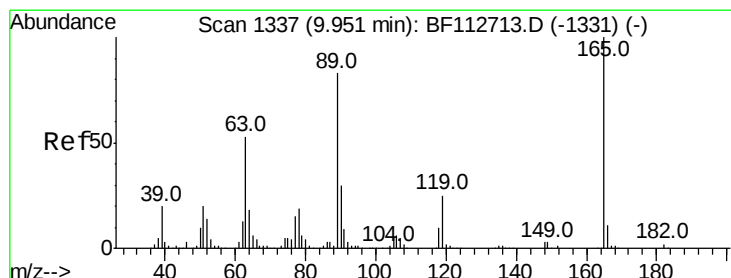
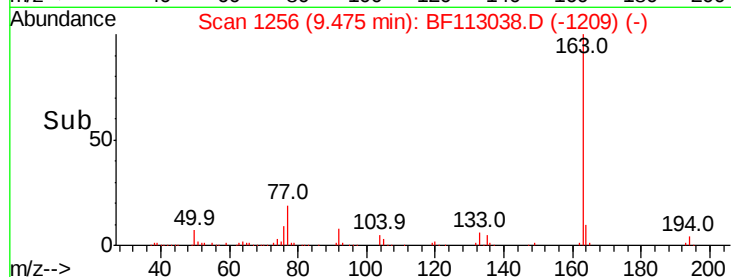
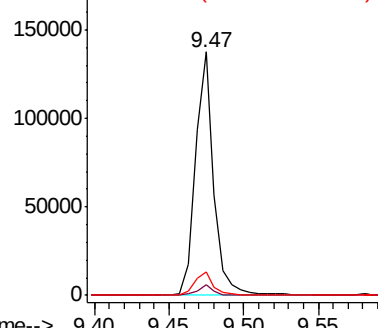
#50
Dimethylphthalate
Concen: 4.853 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	9.7	8.4	12.6

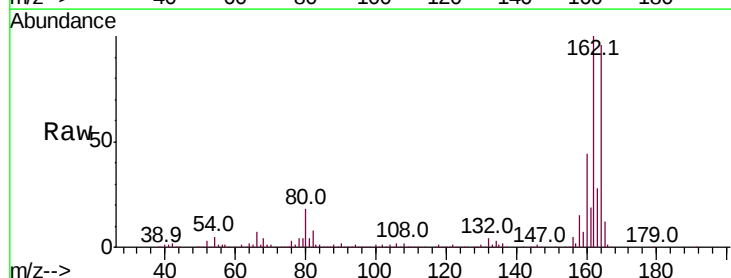


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

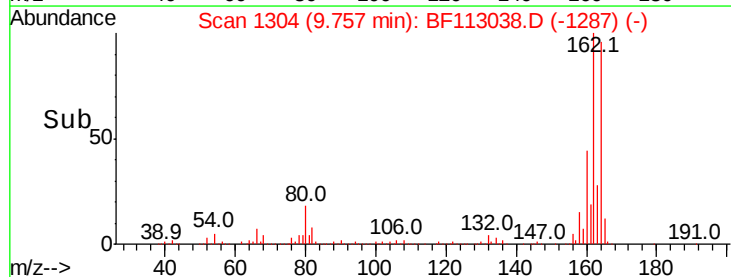
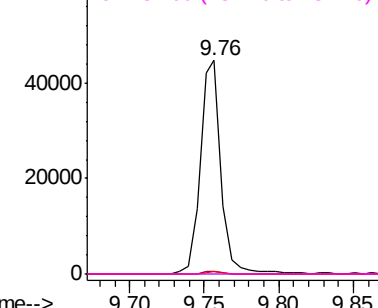


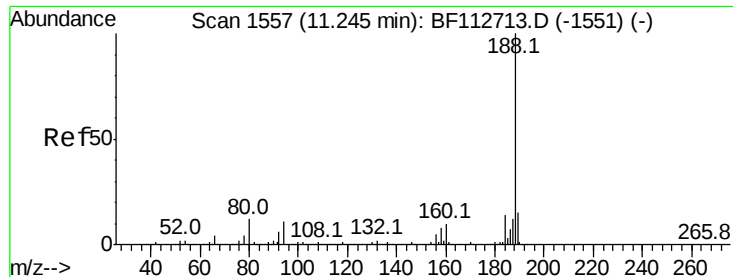
#57
2,4-Dinitrotoluene
Concen: 6.941 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.3	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

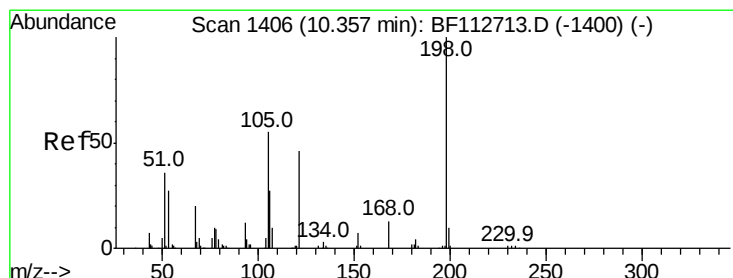
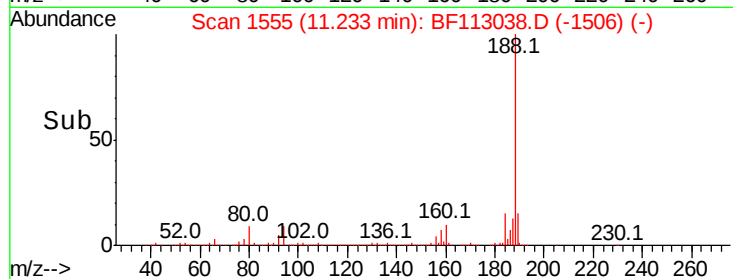
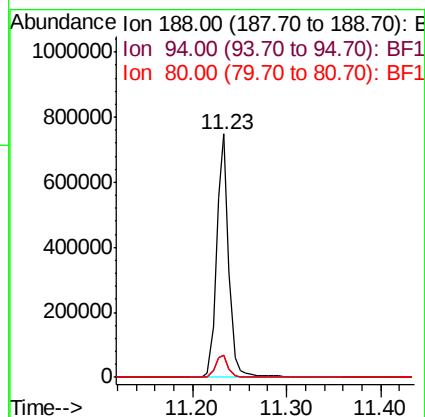
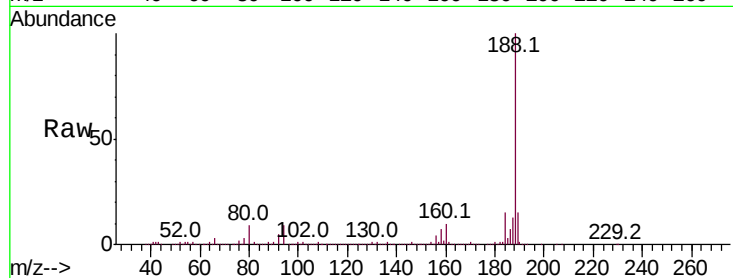




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

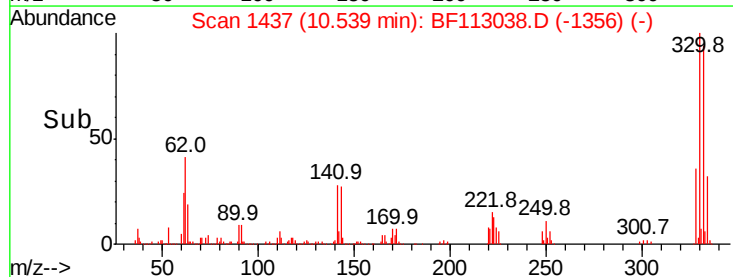
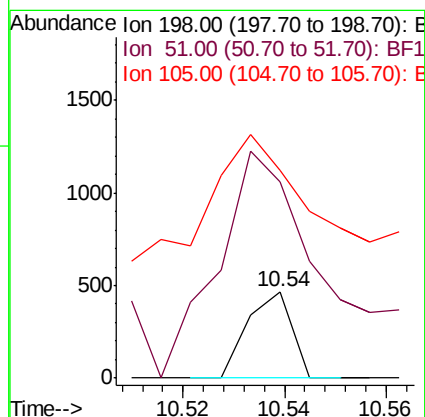
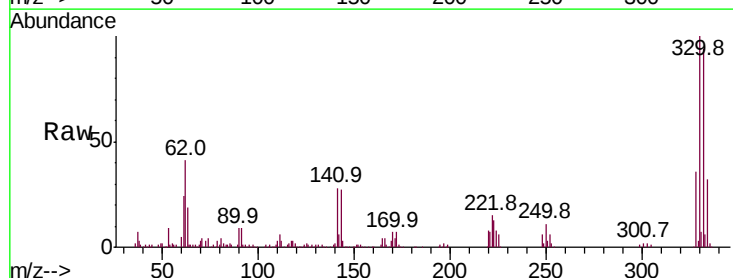
Instrument :
BNA_F
ClientSampled :

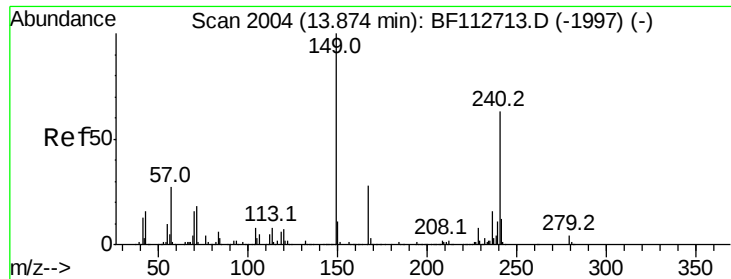
Tot Ion:188 Resp: 682819
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.704 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113038.D
Acq: 13 Mar 2019 20:19

Tgt Ion:198 Resp: 284
Ion Ratio Lower Upper
198 100
51 228.1 43.8 83.8#
105 241.2 36.5 76.5#

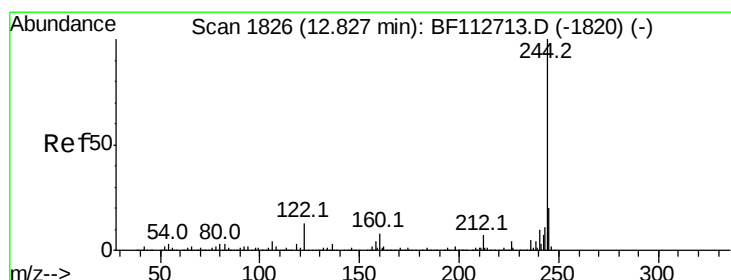
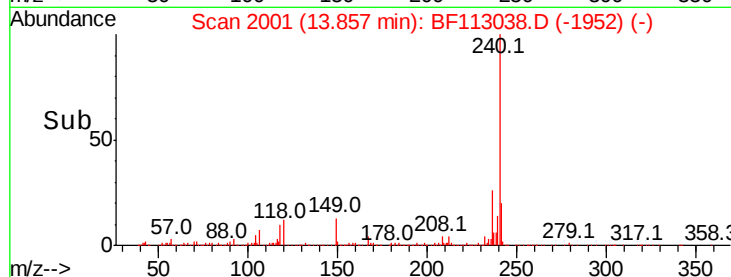
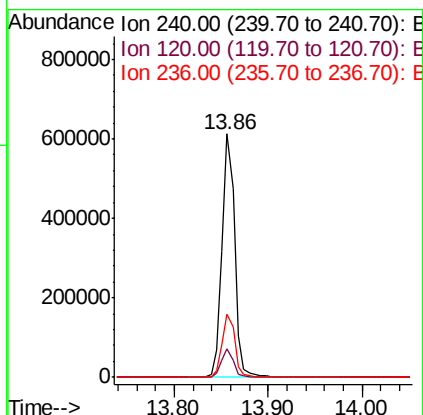
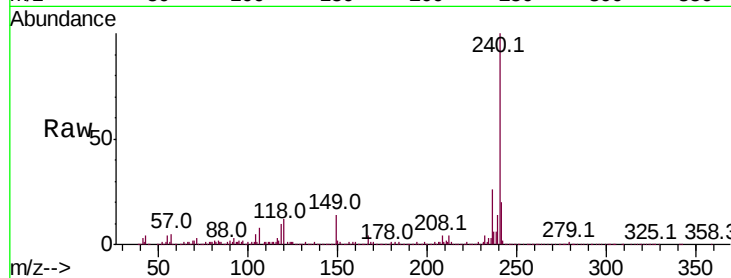




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 20:19

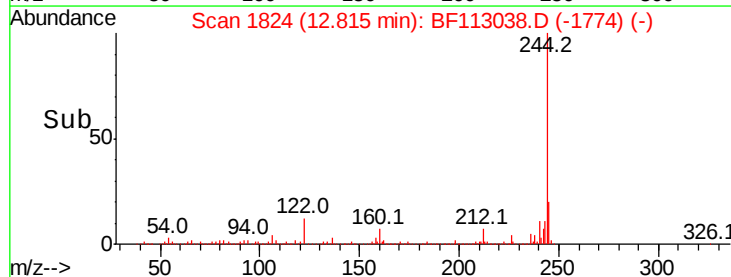
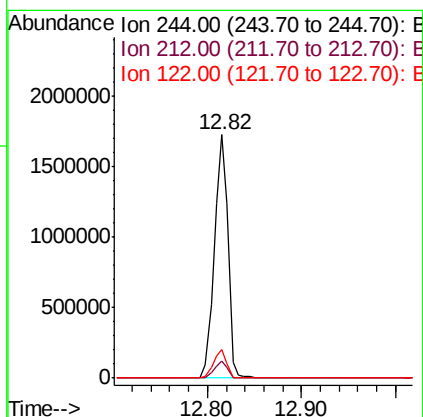
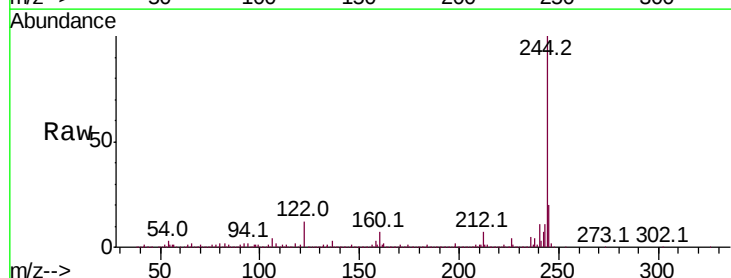
Instrument :
 BNA_F
 ClientSampleId :

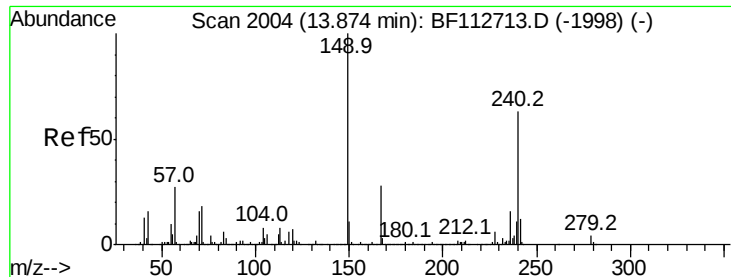
Tot Ion:240 Resp: 580641
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.9 13.3
 236 26.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 59.094 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 20:19

Tgt Ion:244 Resp: 1770056
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.6 10.5 15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.796 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

Instrument :

BNA_F

ClientSampleId :

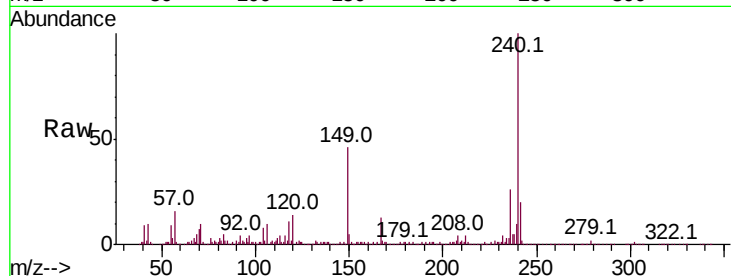
Tot Ion:149 Resp: 121553

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

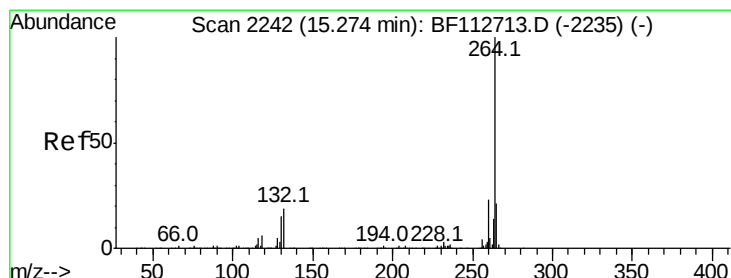
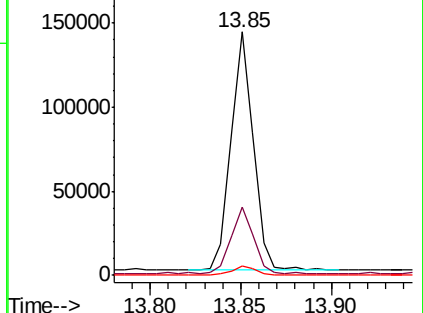
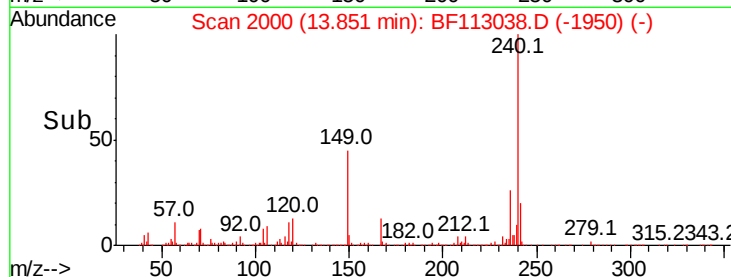
279 4.0 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 20:19

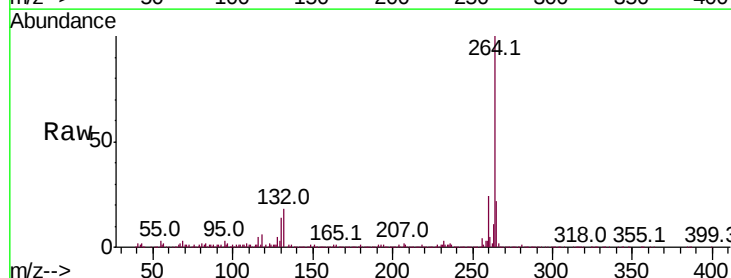
Tgt Ion:264 Resp: 549281

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 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

