

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113167.D
 Acq On : 20 Mar 2019 13:20
 Operator : JU/SJ
 Sample : K1989-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:20:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

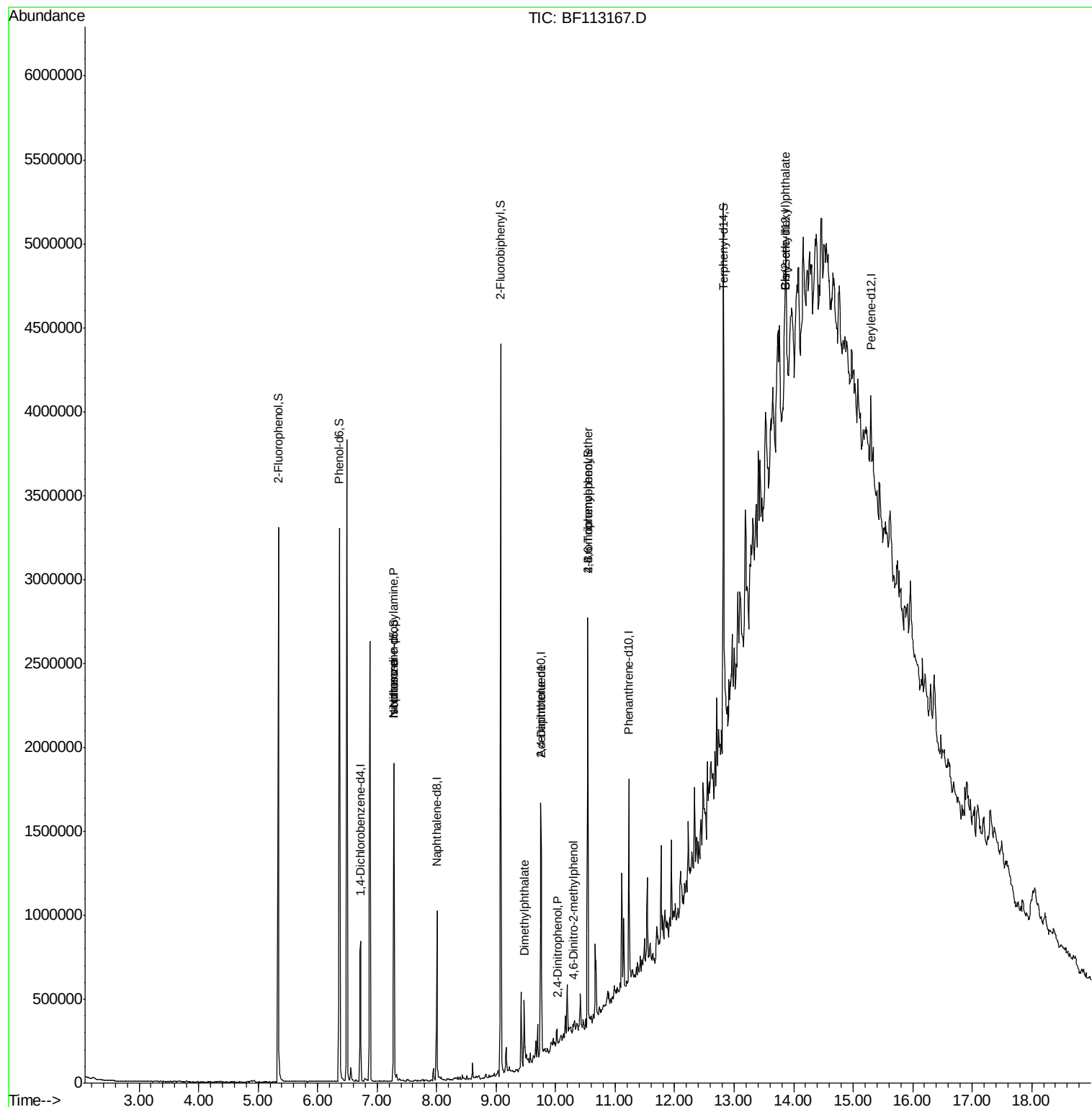
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127336	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	495810	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	288565	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	461211	20.00	ng	0.00
76) Chrysene-d12	13.87	240	278788	20.00	ng	0.00
87) Perylene-d12	15.30	264	310100	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	981496	119.90	ng	0.00
7) Phenol-d6	6.37	99	1404204	136.56	ng	0.00
23) Nitrobenzene-d5	7.28	82	710375	85.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	402967	131.54	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1409498	79.57	ng	0.00
79) Terphenyl-d14	12.82	244	1304803	90.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	96150	14.764	ng	# 77
25) Isophorone	7.28	82	681876	38.199	ng	# 65
50) Dimethylphthalate	9.47	163	135677	6.377	ng	# 99
54) 2,4-Dinitrophenol	10.04	184	235	6.572	ng	# 25
57) 2,4-Dinitrotoluene	9.75	165	39685	7.205	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.29	198	124	4.672	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23334	4.803	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.86	149	69039	5.674	ng	# 90

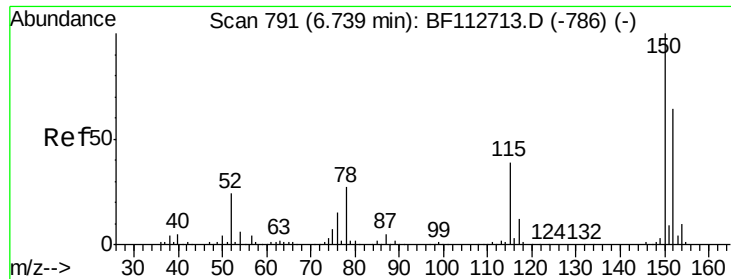
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113167.D
Acq On : 20 Mar 2019 13:20
Operator : JU/SJ
Sample : K1989-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Mar 21 12:20:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration



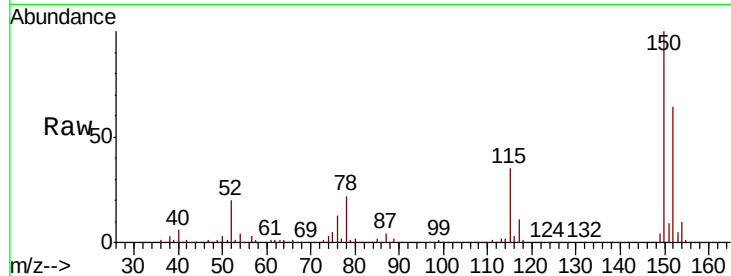


#1

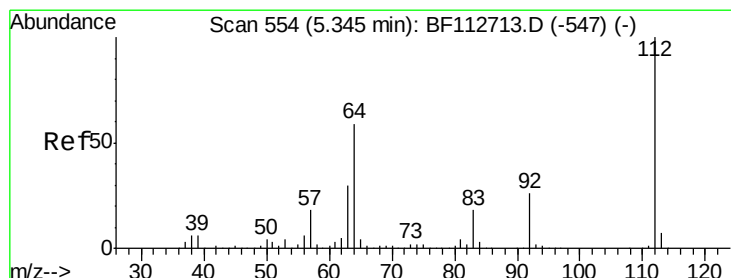
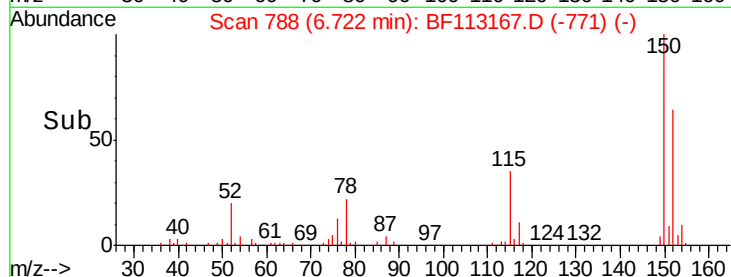
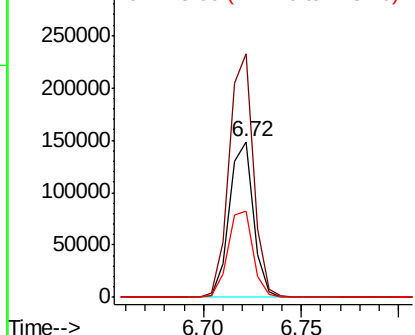
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127336
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 55.1 45.9 68.9



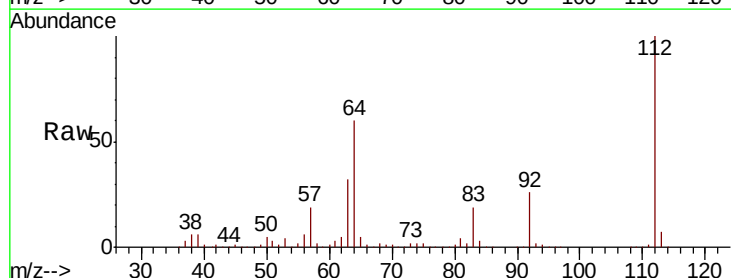
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



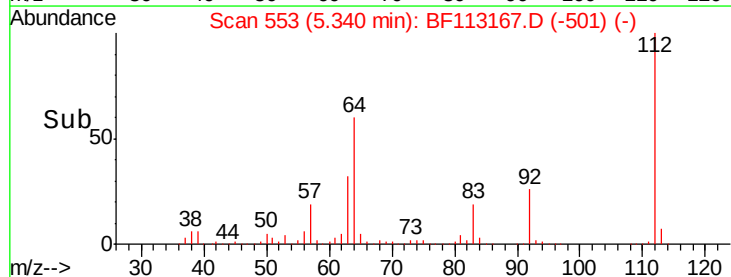
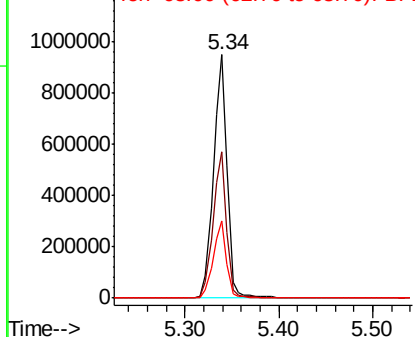
#5

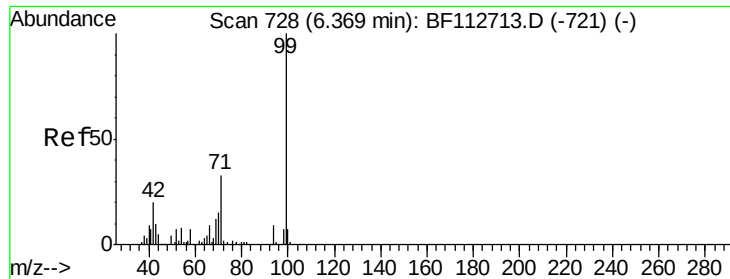
2-Fluorophenol
Concen: 119.900 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Tgt Ion:112 Resp: 981496
Ion Ratio Lower Upper
112 100
64 60.2 49.3 73.9
63 31.7 25.4 38.2



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: 136.557 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

Instrument :

BNA_F

ClientSampleId :

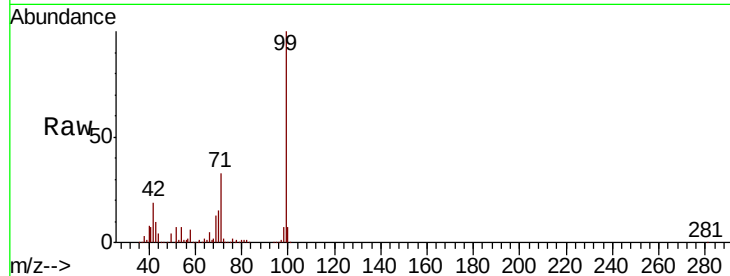
Tot Ion: 99 Resp: 1404204

Ion Ratio Lower Upper

99 100

42 19.0 15.2 22.8

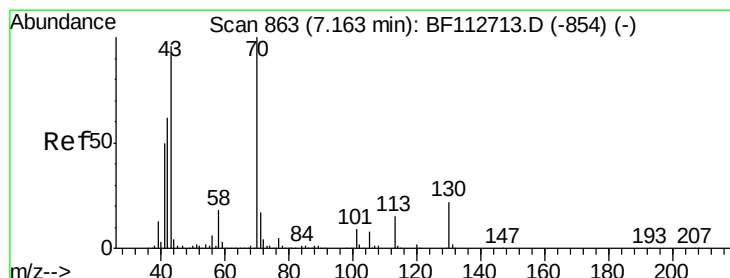
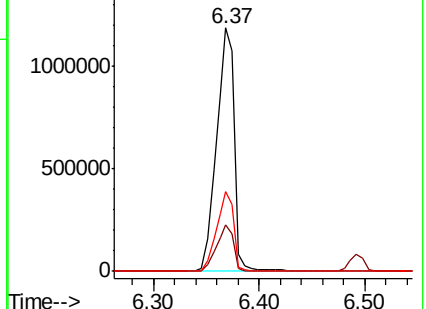
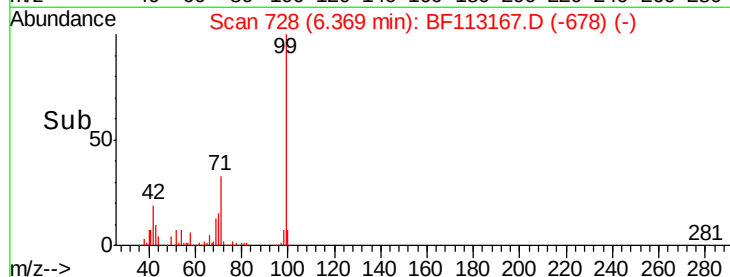
71 32.7 25.7 38.5



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: 14.764 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

Tgt Ion: 70 Resp: 96150

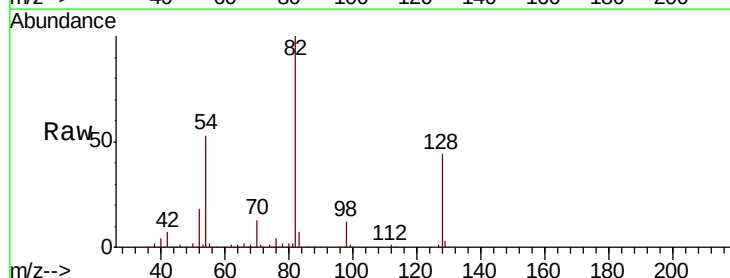
Ion Ratio Lower Upper

70 100

42 50.2 50.4 75.6#

101 0.0 7.5 11.3#

130 2.4 17.0 25.6#

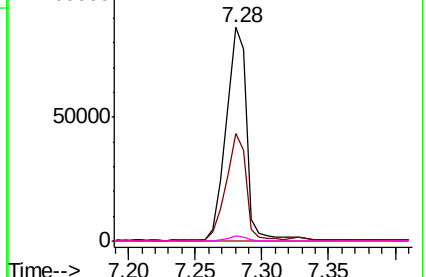
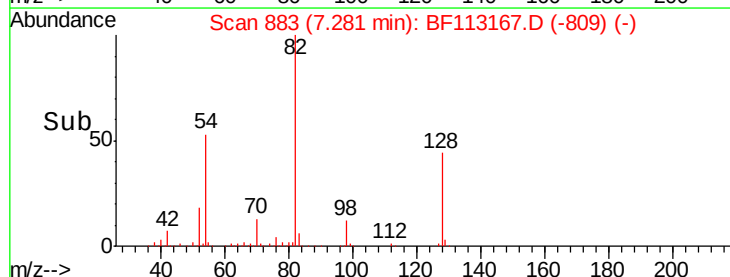


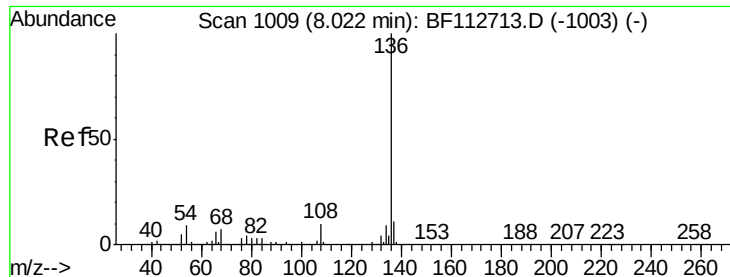
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

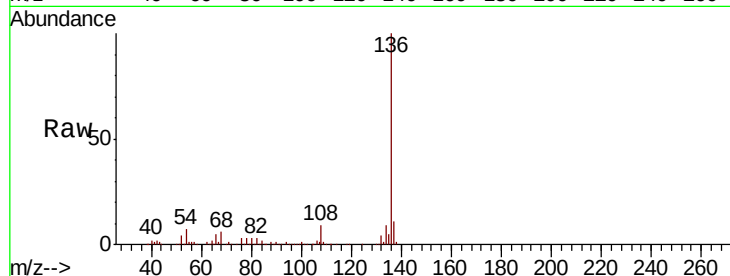




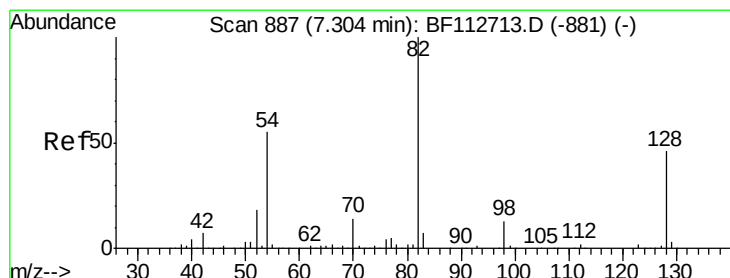
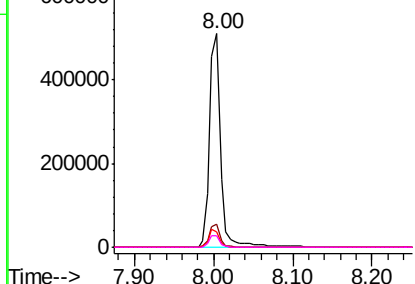
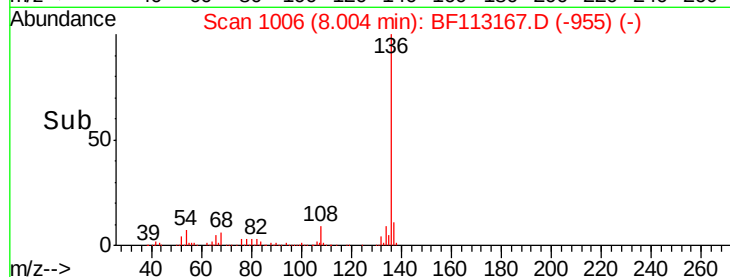
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	495810
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.4	7.0 10.6
68	5.6	5.0 7.4

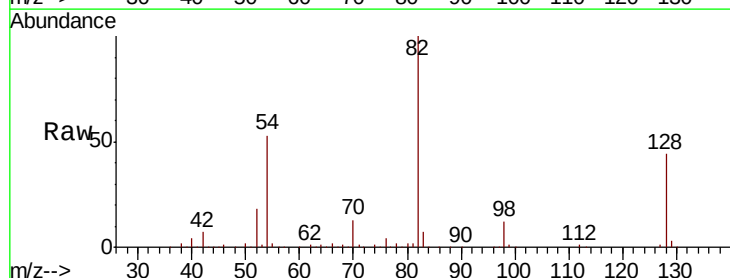


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

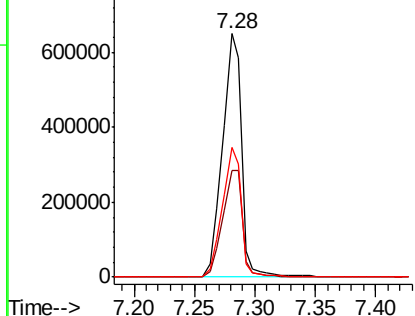
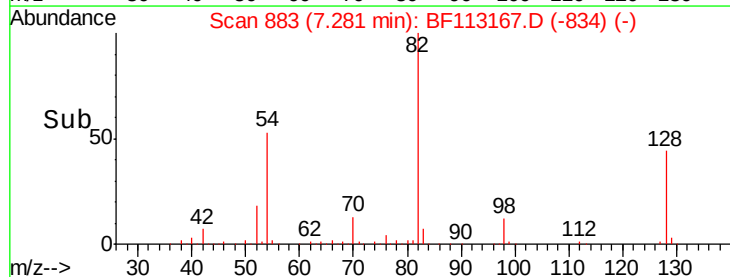


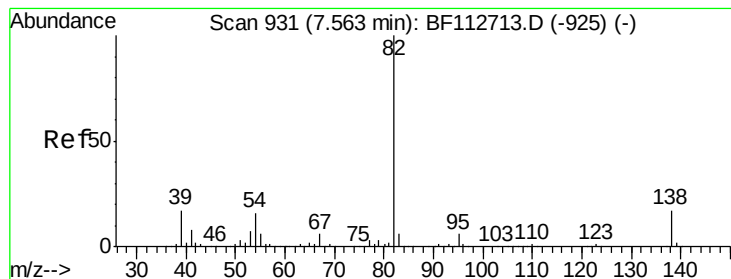
#23
Nitrobenzene-d5
Concen: 85.733 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Tgt Ion: 82	Resp:	710375
Ion Ratio	Lower	Upper
82	100	
128	43.9	37.9 56.9
54	53.0	41.2 61.8



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: 38.199 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

Instrument :

BNA_F

ClientSampleId :

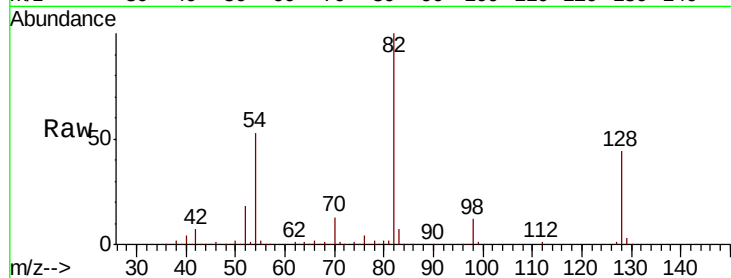
Tot Ion: 82 Resp: 681876

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

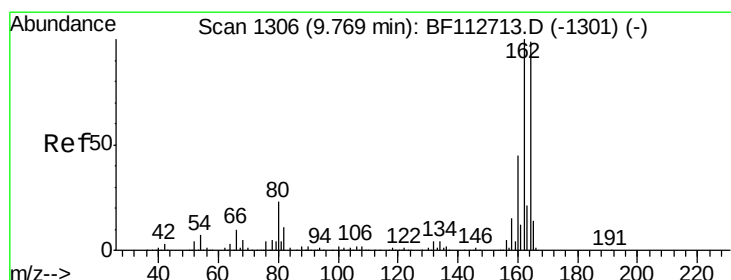
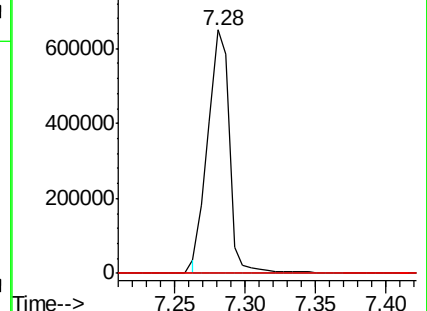
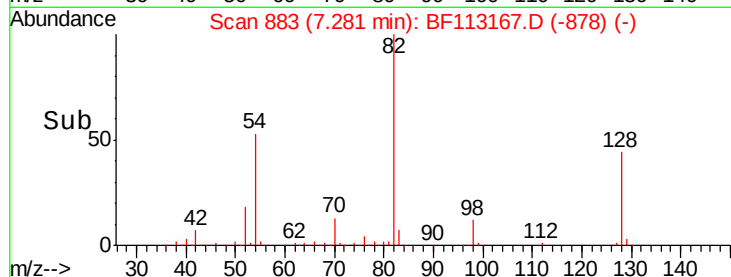
138 0.0 14.5 21.7#



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. -0.01 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

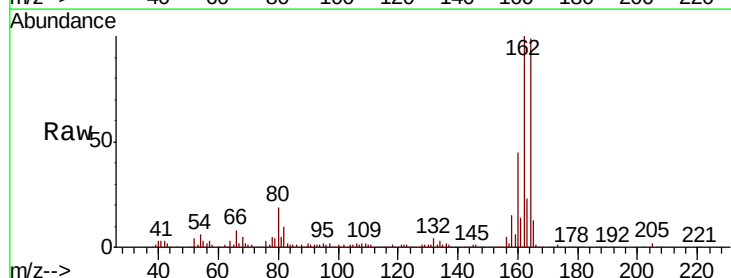
Tgt Ion:164 Resp: 288565

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

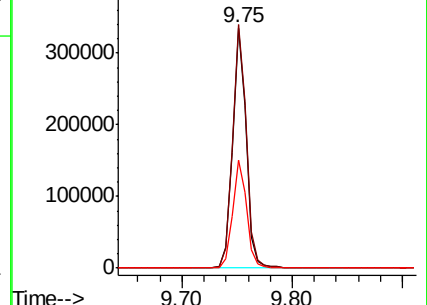
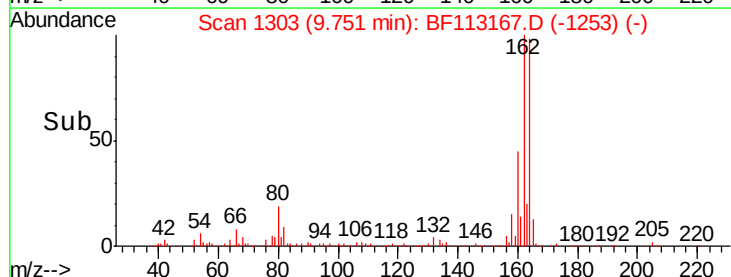
160 45.2 36.2 54.2

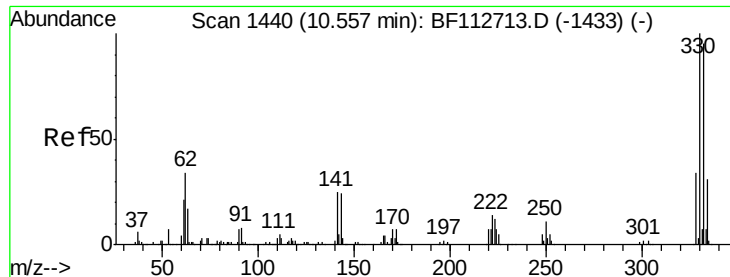


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

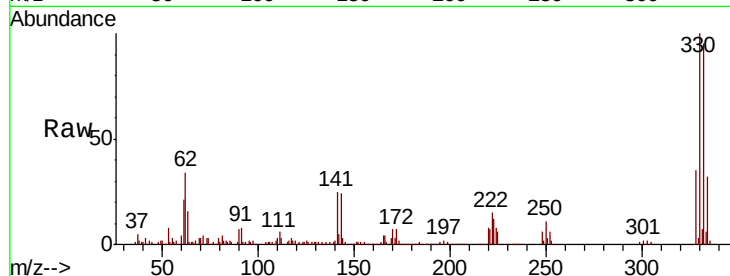




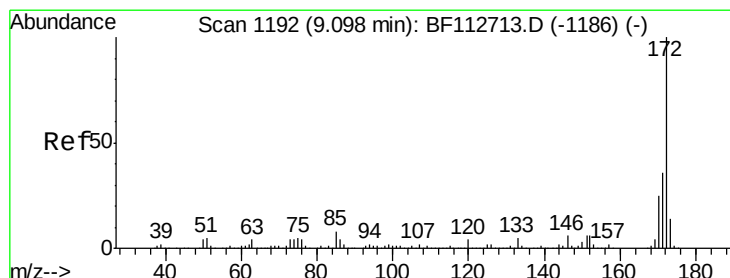
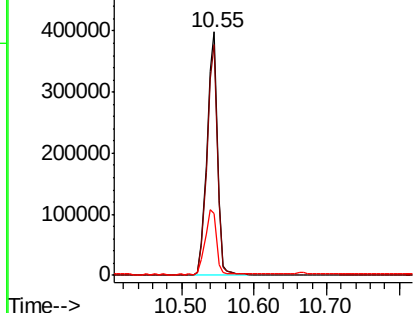
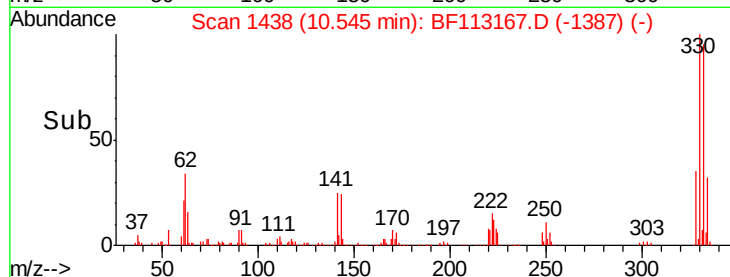
#42
 2,4,6-Tribromophenol
 Concen: 131.539 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.3	114.5
141	28.5	22.3	33.5

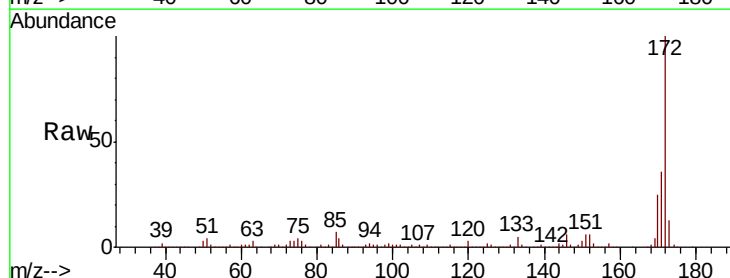


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

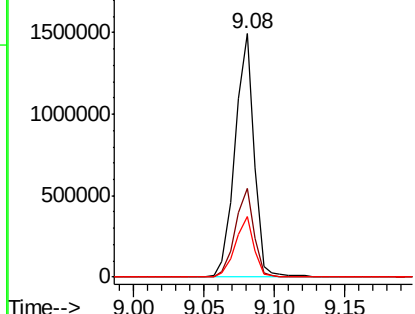
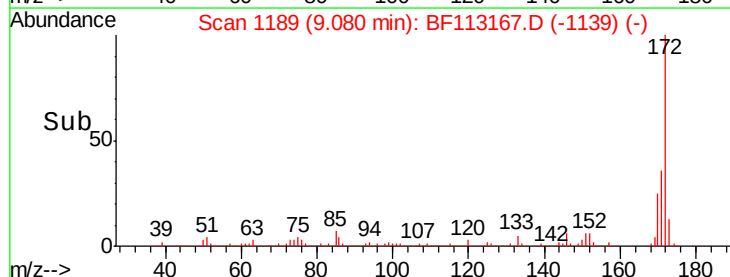


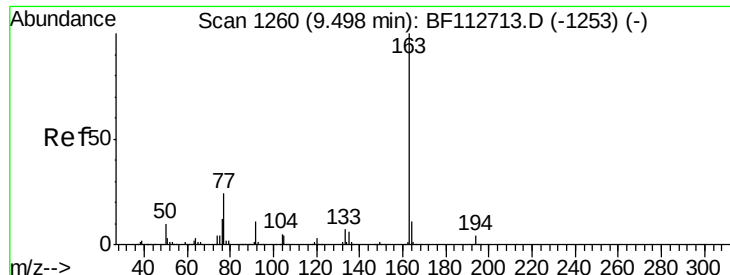
#45
 2-Fluorobiphenyl
 Concen: 79.574 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.6	20.1	30.1



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

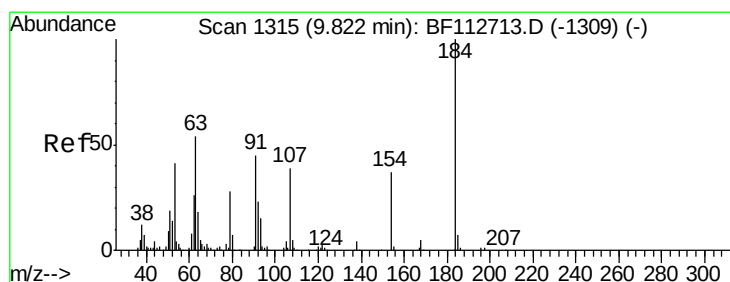
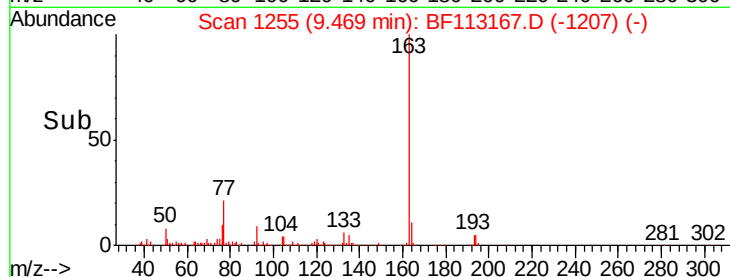
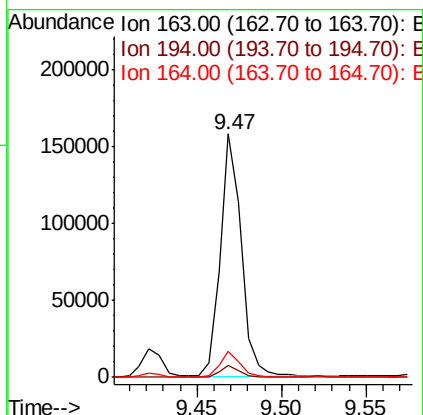
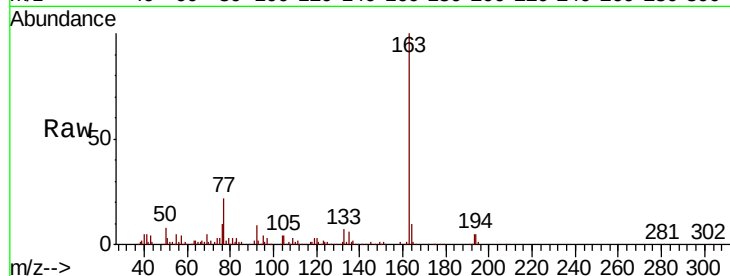




#50
Dimethylphthalate
Concen: 6.377 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

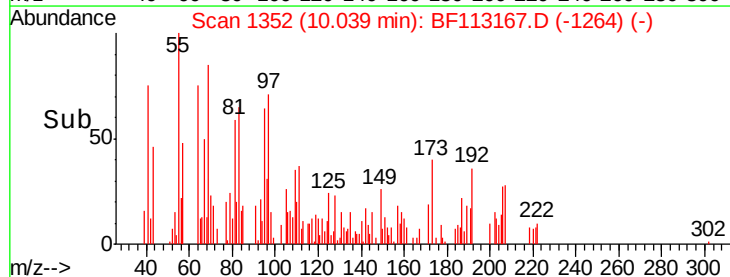
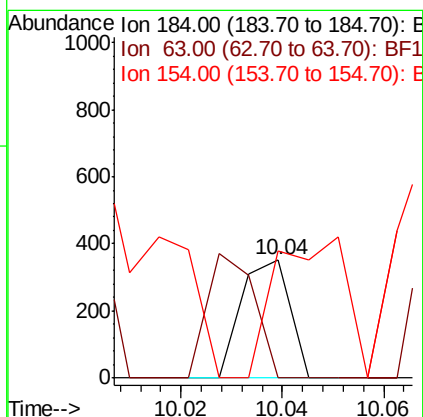
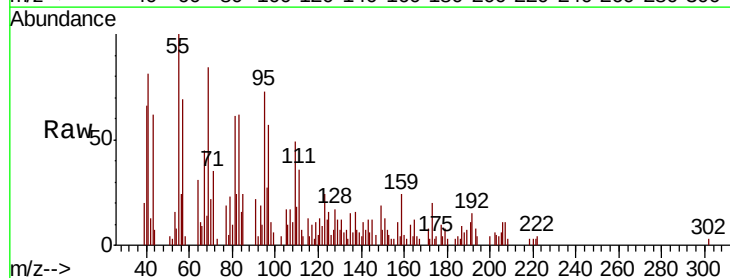
Instrument :
BNA_F
ClientSampleId :

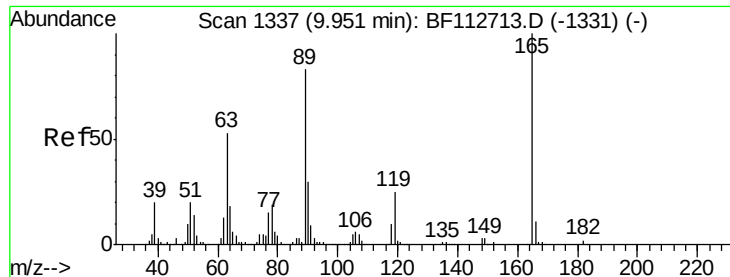
Tot Ion	163	Resp	135677
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.3	4.9
164	10.5	8.6	12.8



#54
2,4-Dinitrophenol
Concen: 6.572 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.22 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Tgt Ion	184	Resp	235
Ion Ratio	Lower	Upper	
184	100		
63	0.0	52.1	78.1#
154	107.1	46.2	69.4#

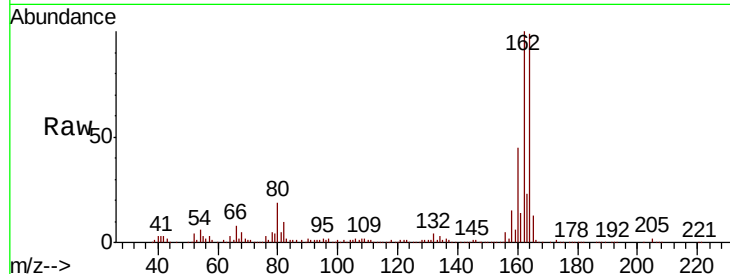




#57
 2,4-Dinitrotoluene
 Concen: 7.205 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	39685
Ion	Ratio	Lower	Upper
165	100		
63	1.9	37.9	56.9#
89	2.0	58.5	87.7#
182	1.4	2.2	3.2#

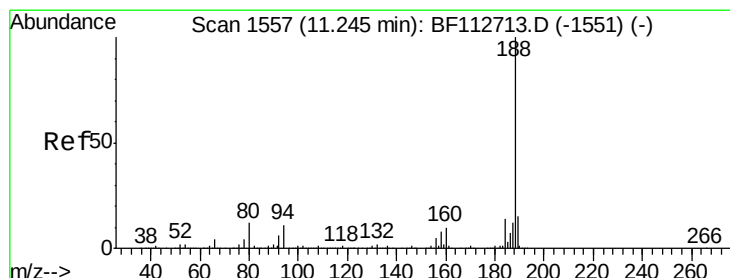
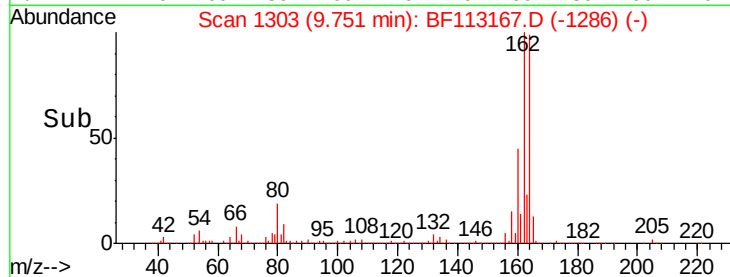
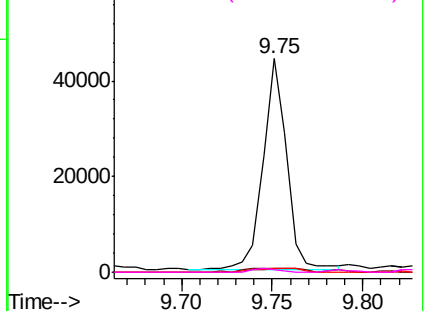


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

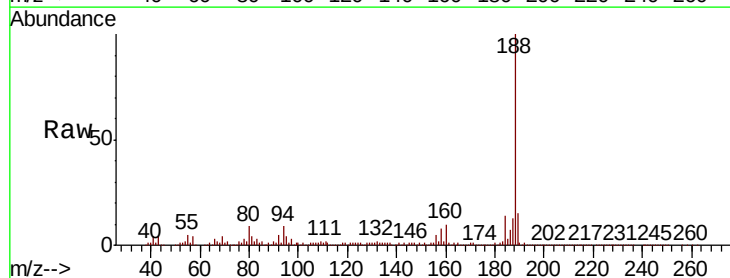
Ion 89.00 (88.70 to 89.70): BF1

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. -0.00 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

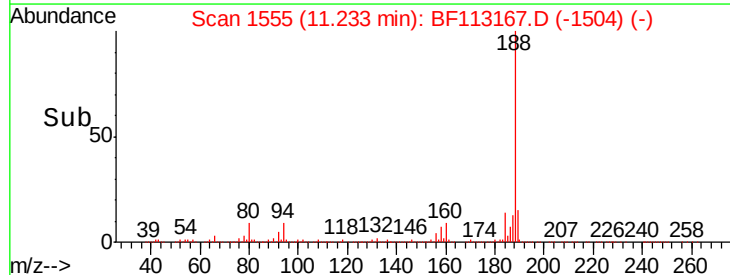
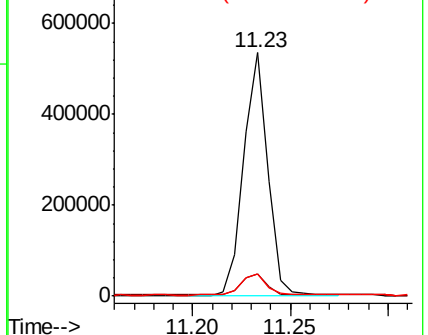
Tgt Ion:	188	Resp:	461211
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.2	7.9	11.9

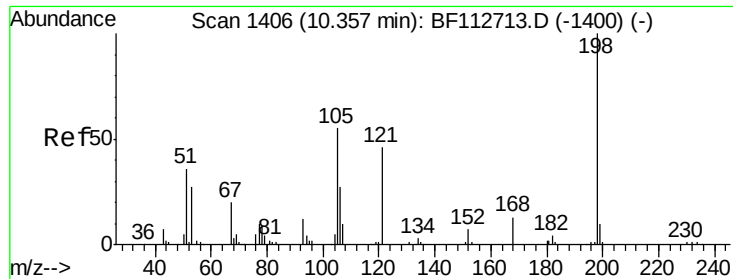


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

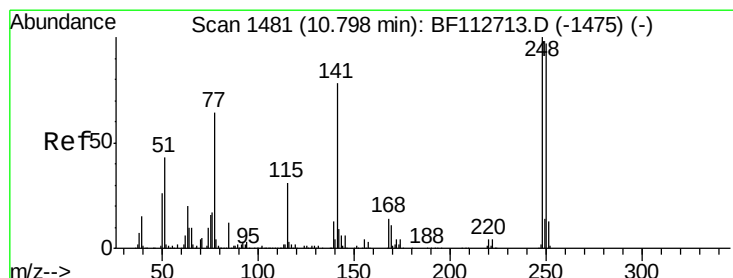
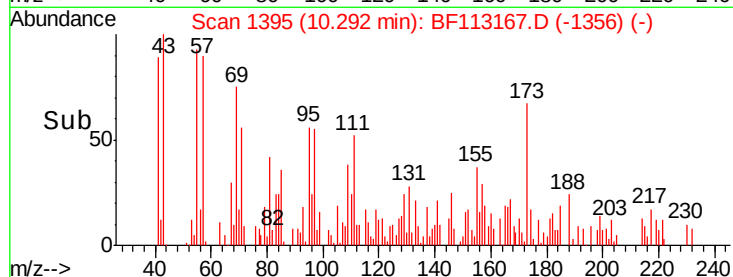
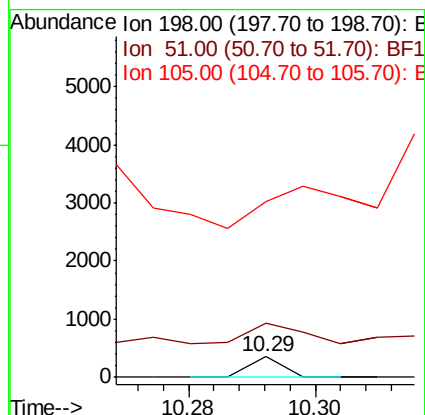
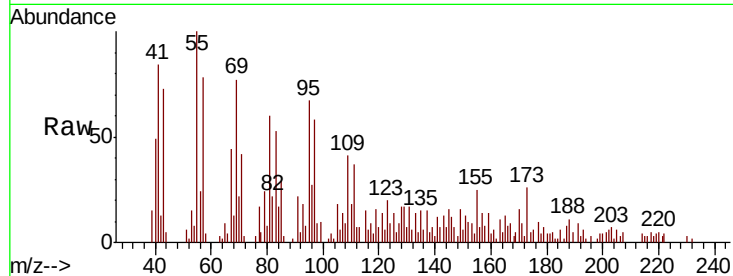




#65
4,6-Dinitro-2-methylphenol
Concen: 4.672 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.07 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

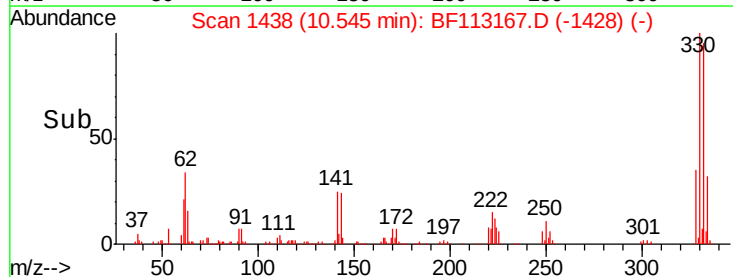
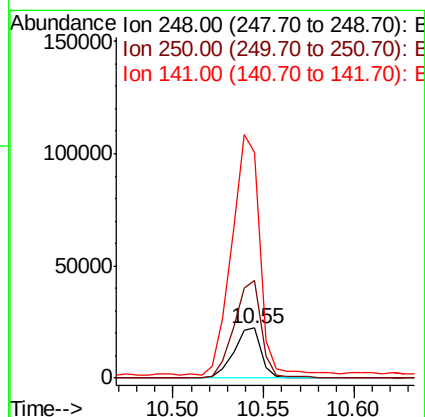
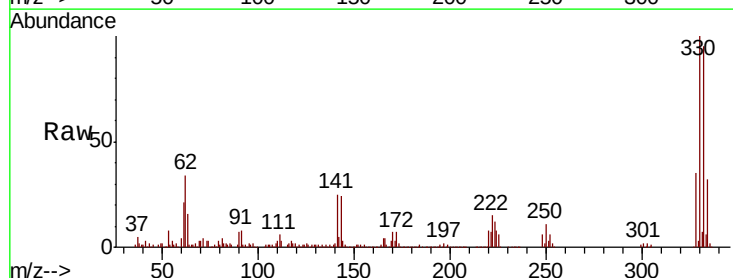
Instrument :
BNA_F
ClientSampled :

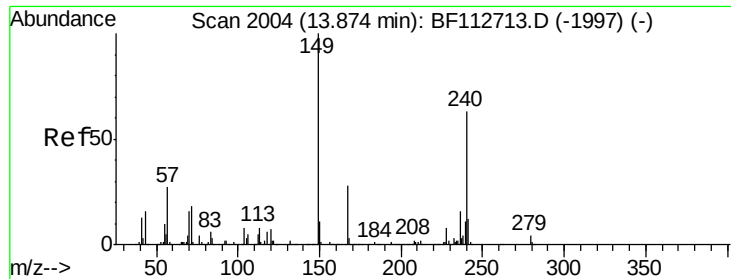
Tot Ion:198 Resp: 124
Ion Ratio Lower Upper
198 100
51 265.7 25.5 65.5#
105 864.0 23.2 63.2#



#67
4-Bromophenyl-phenylether
Concen: 4.803 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF113167.D
Acq: 20 Mar 2019 13:20

Tgt Ion:248 Resp: 23334
Ion Ratio Lower Upper
248 100
250 196.6 78.4 117.6#
141 454.7 45.9 68.9#

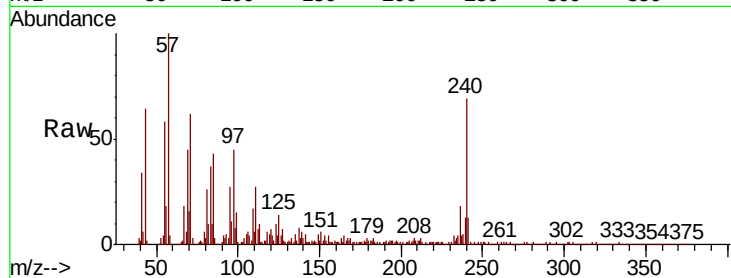




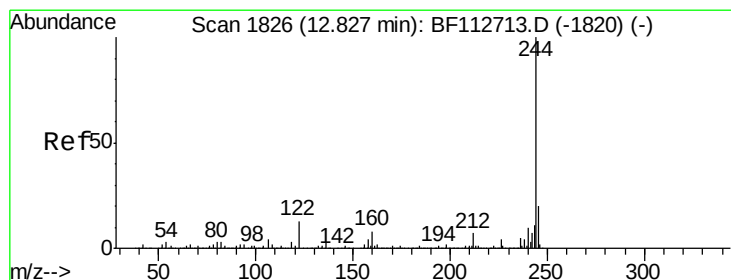
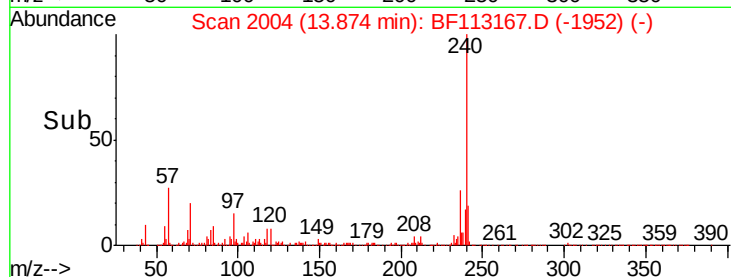
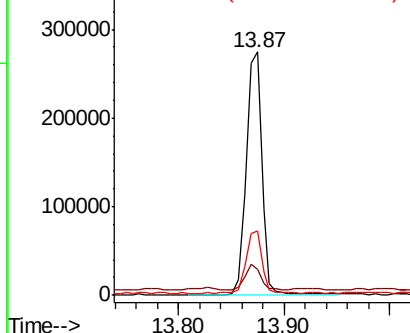
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 278788
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 12.8
 236 26.4 21.2 31.8

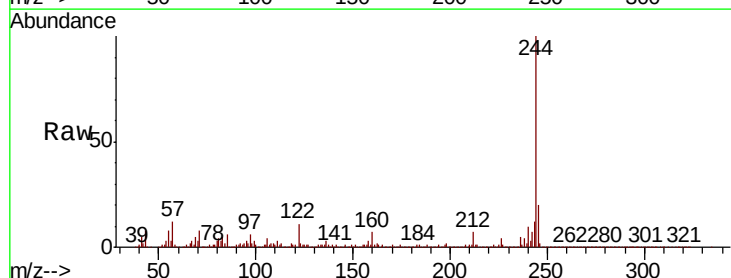


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

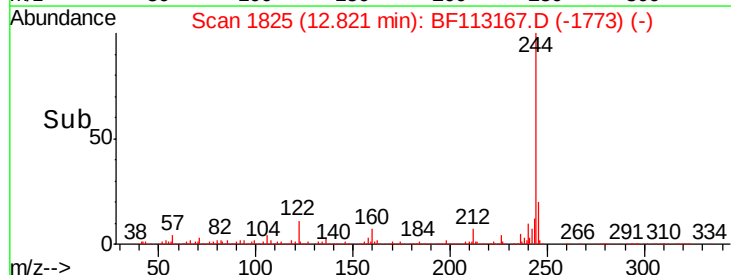
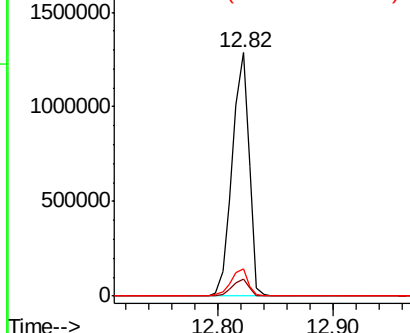


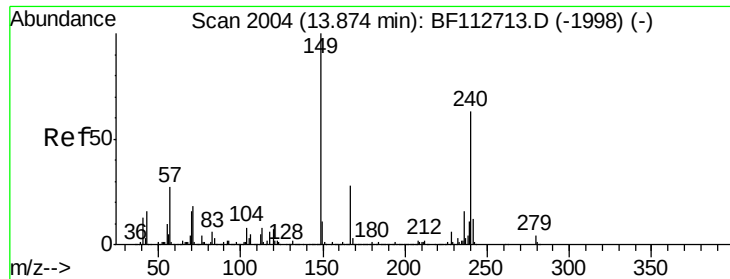
#79
 Terphenyl-d14
 Concen: 90.727 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113167.D
 Acq: 20 Mar 2019 13:20

Tgt Ion:244 Resp: 1304803
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.2 9.4 14.2



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.674 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

Instrument :

BNA_F

ClientSampleId :

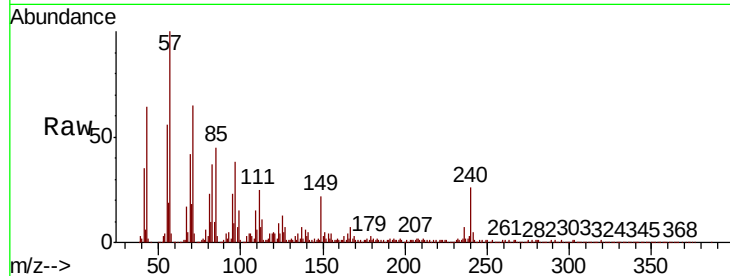
Tot Ion:149 Resp: 69039

Ion Ratio Lower Upper

149 100

167 33.4 22.3 33.5

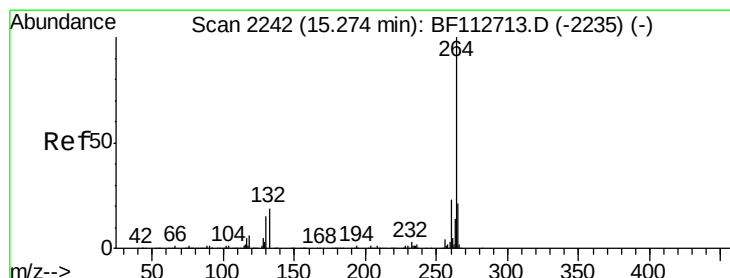
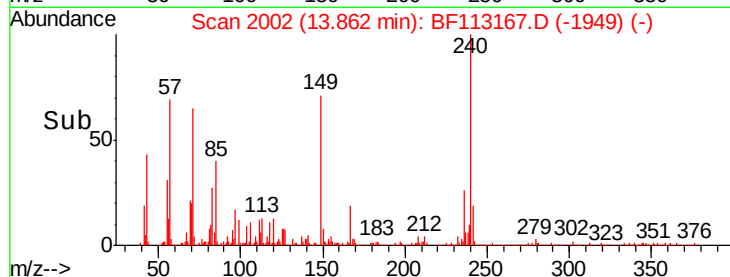
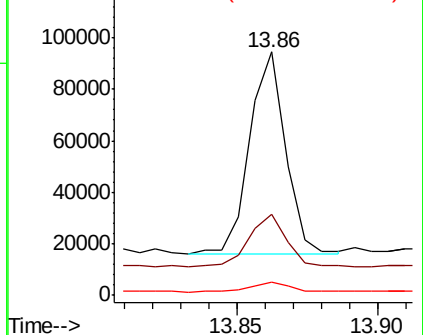
279 5.5 3.3 4.9#



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: 15.30 min Scan# 2246

Delta R.T. 0.03 min

Lab File: BF113167.D

Acq: 20 Mar 2019 13:20

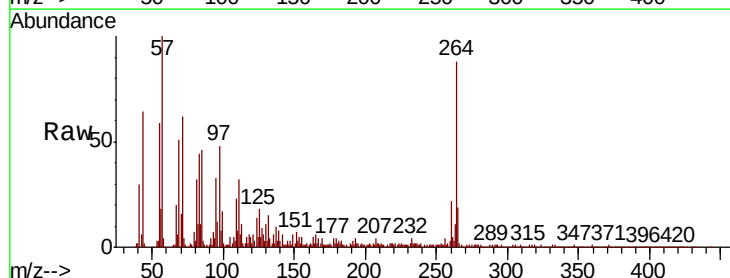
Tgt Ion:264 Resp: 310100

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.7 17.7 26.5



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

