

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108154.D
 Acq On : 14 Aug 2018 19:29
 Operator : JU/SJ
 Sample : J4458-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 15 10:56:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	195528	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	695500	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	296273	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	525224	20.00	ng	0.00
75) Chrysene-d12	14.22	240	459915	20.00	ng	0.00
86) Perylene-d12	15.78	264	293954	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	291184	26.96	ng	0.00
7) Phenol-d6	6.62	99	237425	16.54	ng	0.00
23) Nitrobenzene-d5	7.58	82	812505	65.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	177584	60.09	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1415591	76.71	ng	0.00
78) Terphenyl-d14	13.15	244	1173130	64.85	ng	0.00

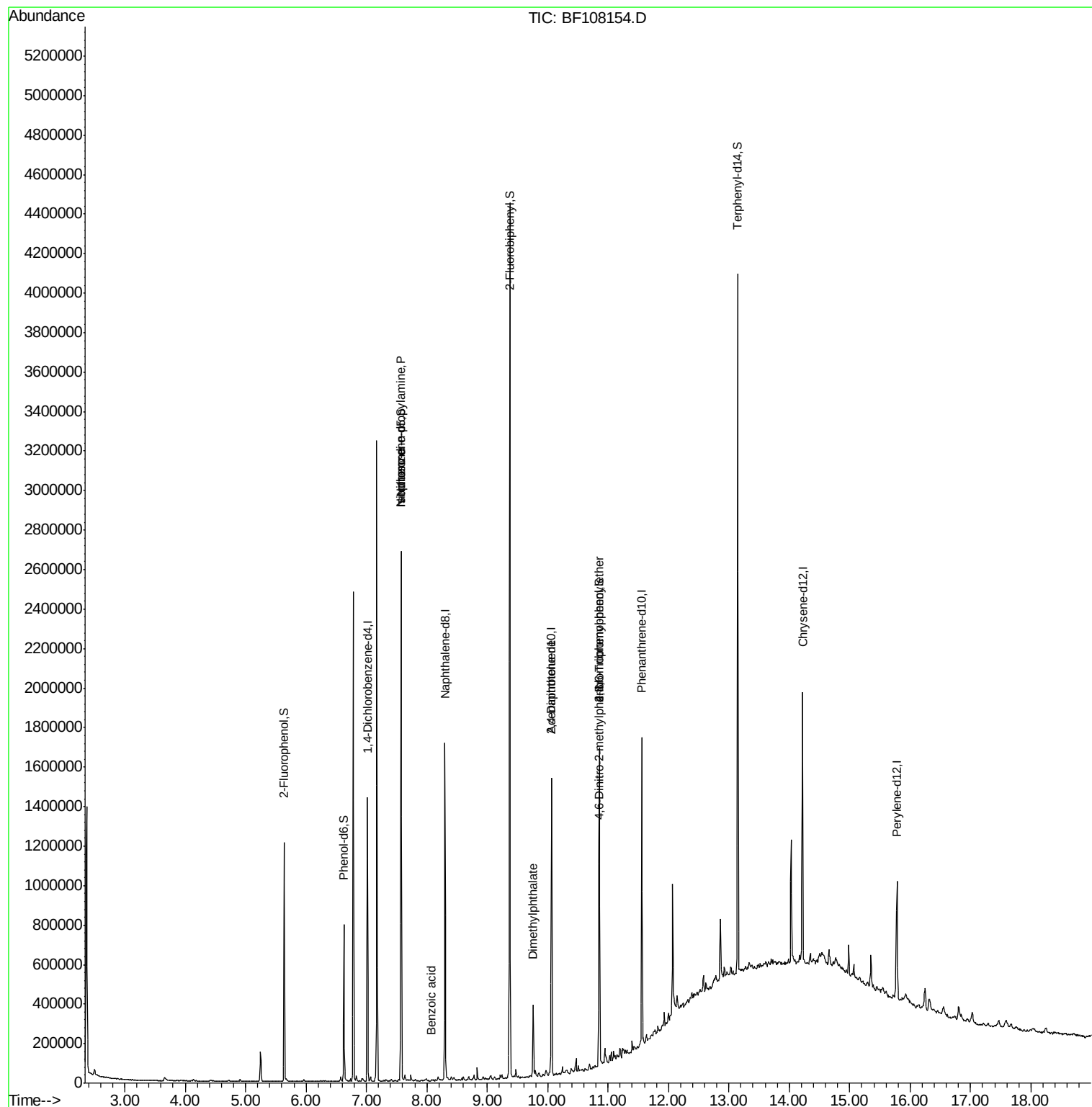
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	110687	11.405	ng	# 86
25) Isophorone	7.58	82	810070	34.099	ng	# 64
32) Benzoic acid	8.07	122	109	5.990	ng	# 1
49) Dimethylphthalate	9.77	163	144511	7.002	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	38330	6.896	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	2644	6.550	ng	# 80
66) 4-Bromophenyl-phenylether	10.85	248	11563	2.026	ng	# 1

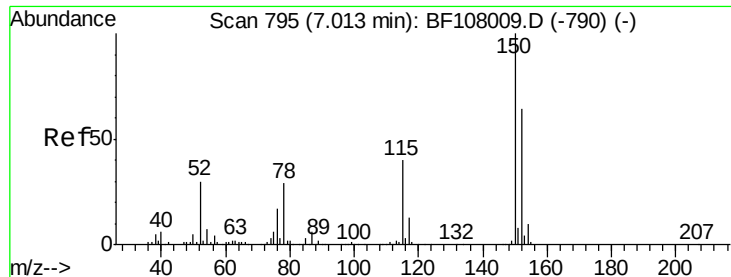
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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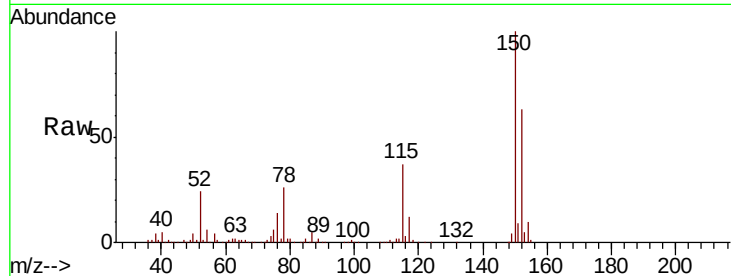


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	58.6	50.1	75.1

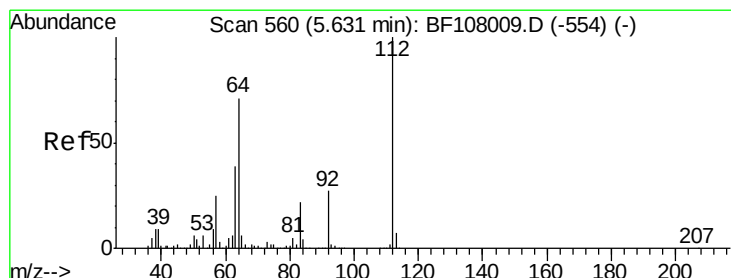
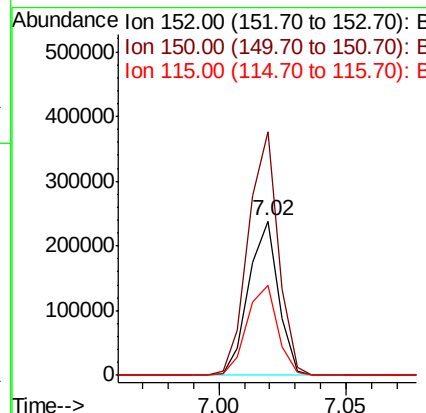
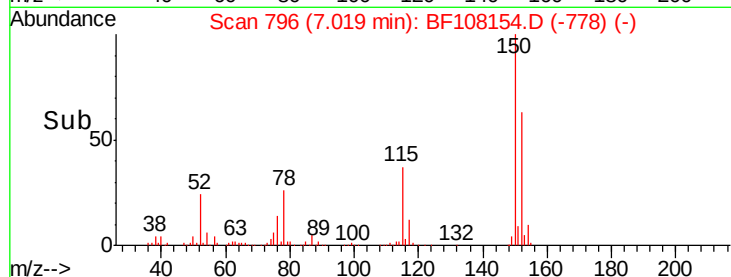


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

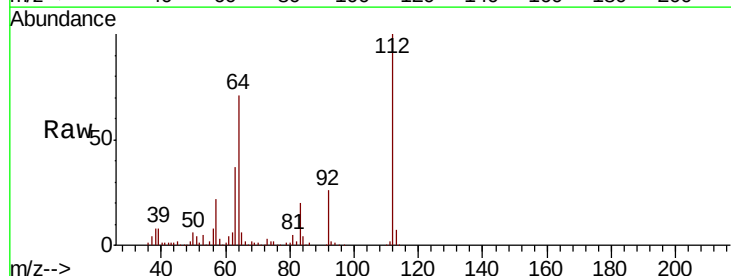
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 26.962 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	36.8	23.7	35.5

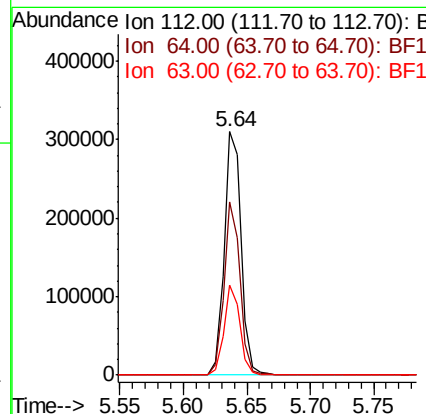
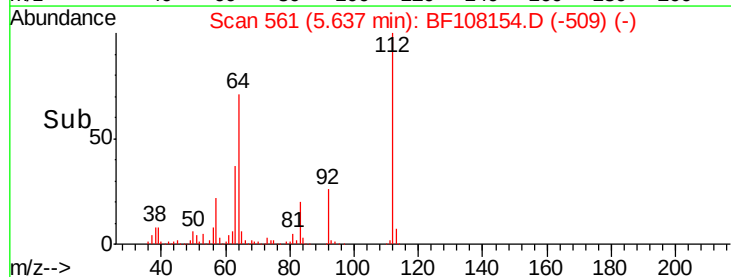


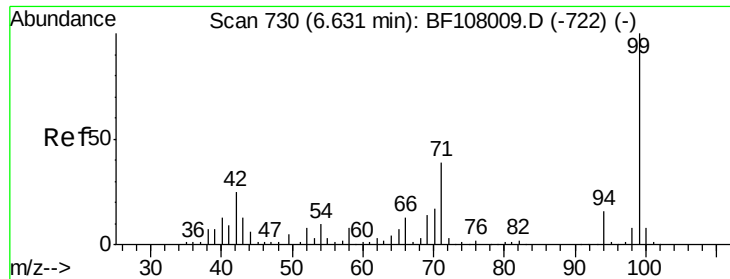
Abundance

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: 16.543 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

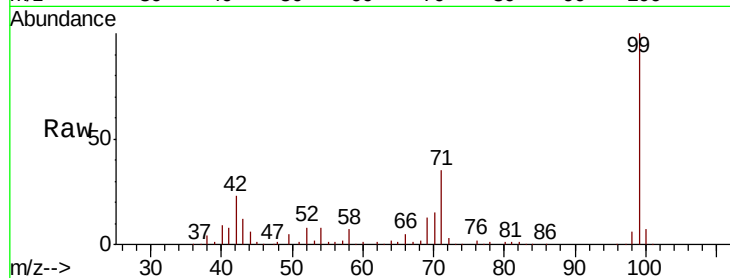
Tot Ion: 99 Resp: 237425

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

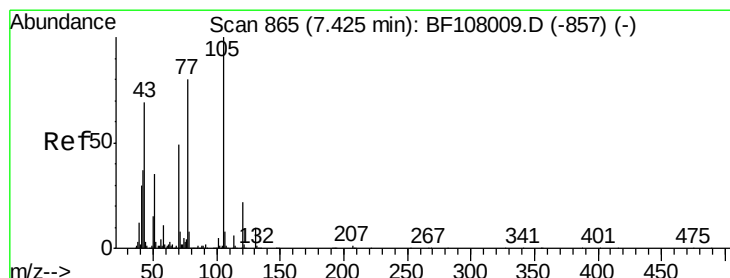
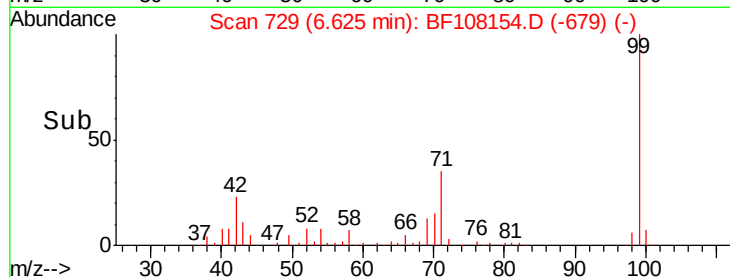
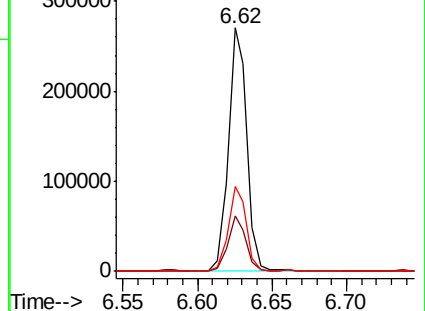
71 34.9 25.4 38.0



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: 11.405 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Tgt Ion: 70 Resp: 110687

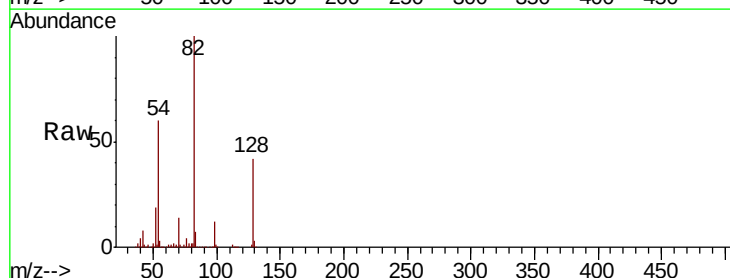
Ion Ratio Lower Upper

70 100

42 56.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

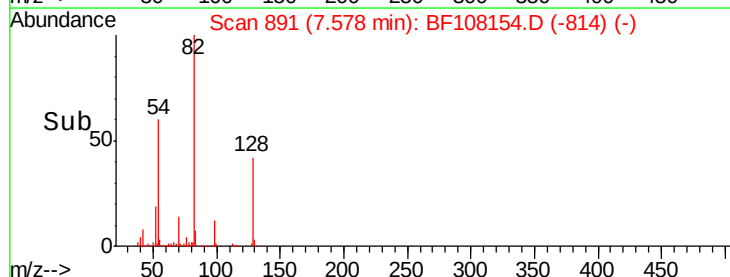
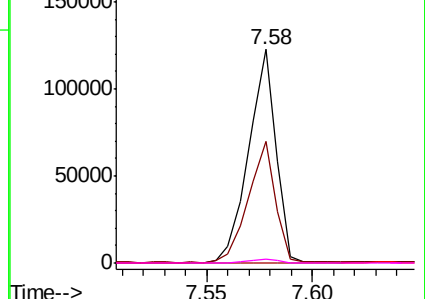


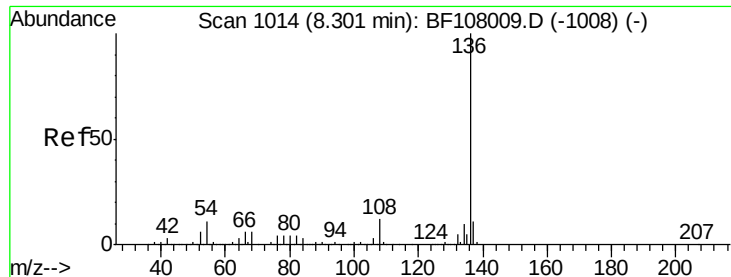
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

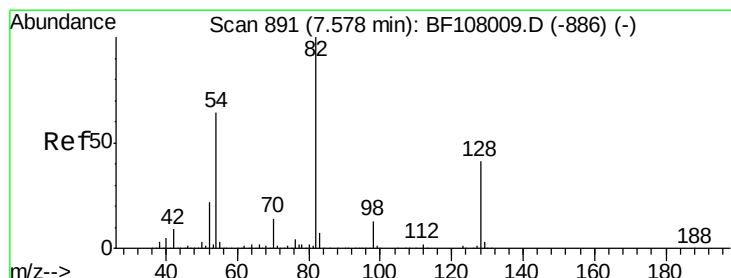
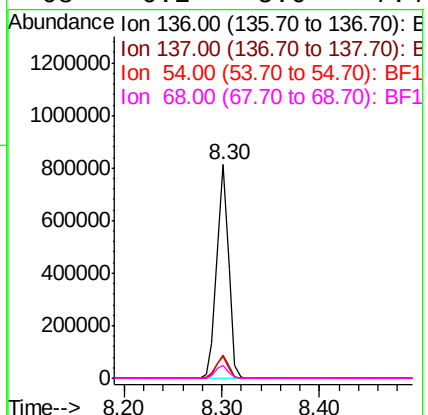
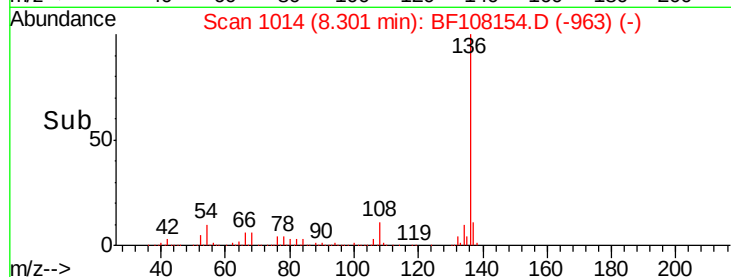
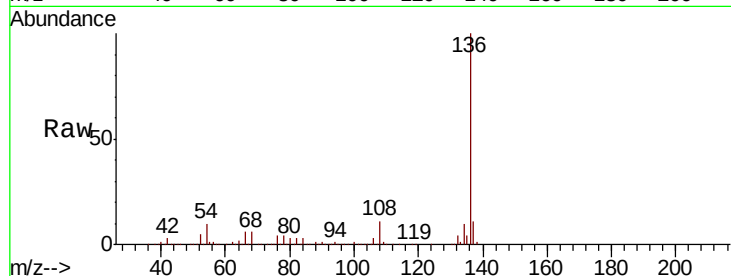




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

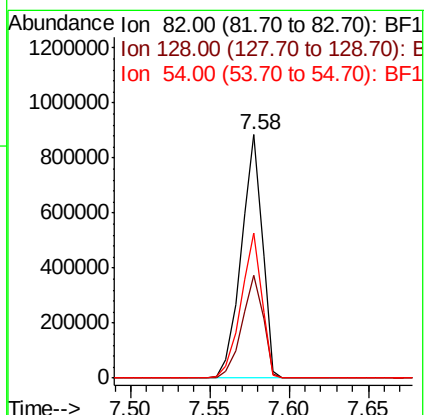
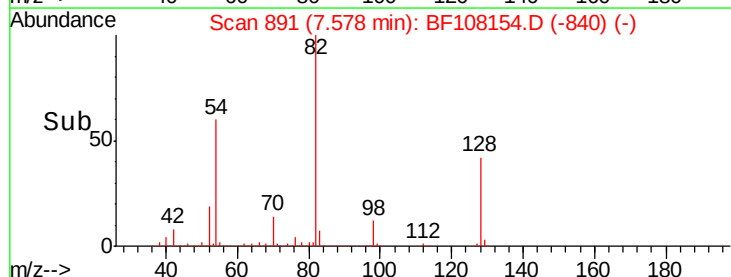
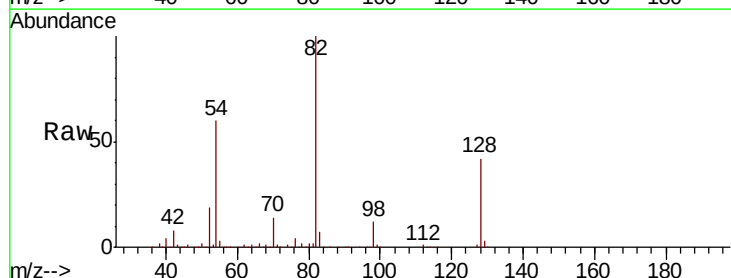
Instrument :
BNA_F
ClientSampleId :

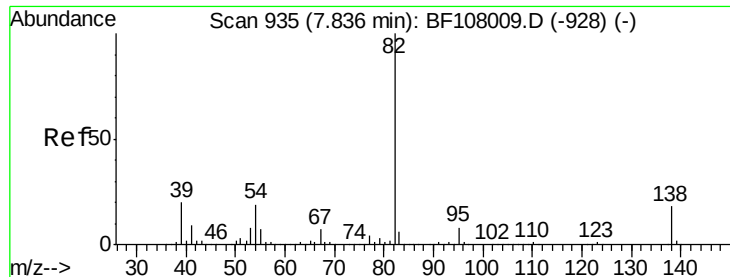
Tot Ion:136	Resp:	695500
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	10.2	6.6 9.8#
68	6.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 65.189 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion: 82	Resp:	812505
Ion	Ratio	Lower Upper
82	100	
128	42.1	36.1 54.1
54	59.6	41.4 62.2





#25

Isophorone

Concen: 34.099 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampled :

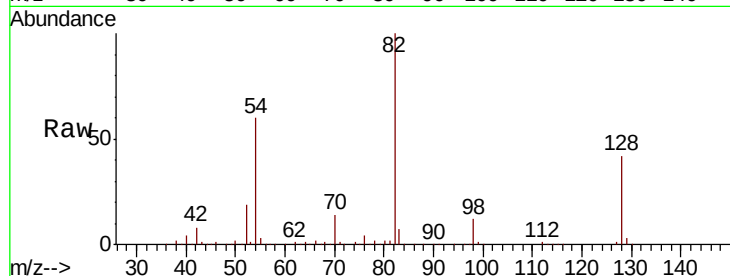
Tot Ion: 82 Resp: 810070

Ion Ratio Lower Upper

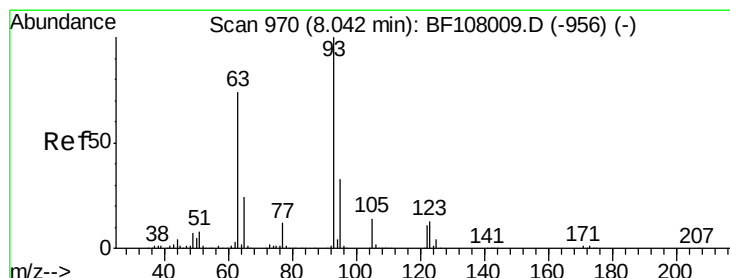
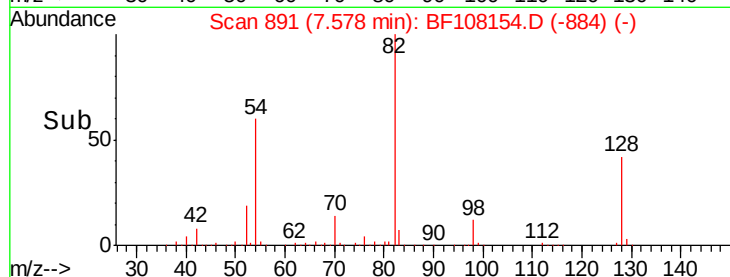
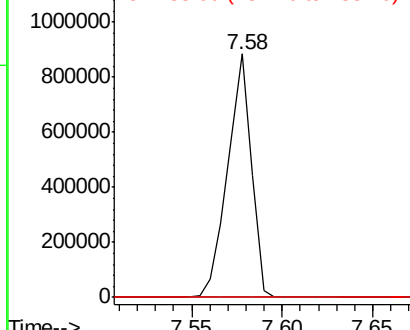
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 5.990 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

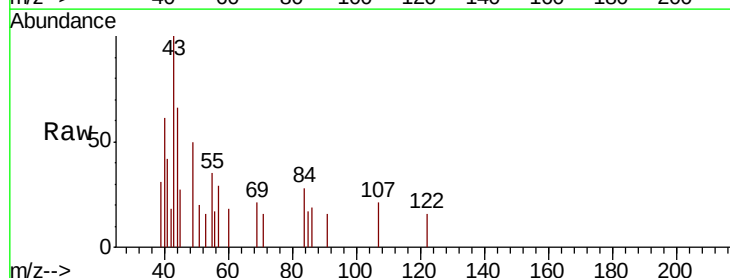
Tgt Ion: 122 Resp: 109

Ion Ratio Lower Upper

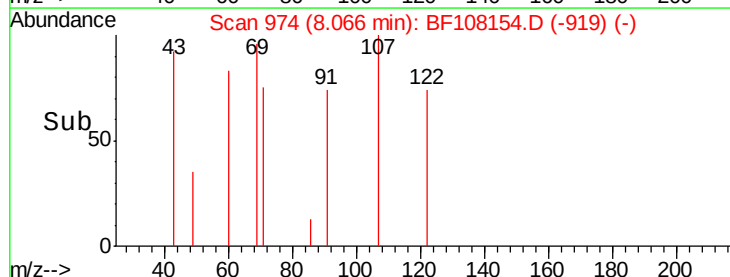
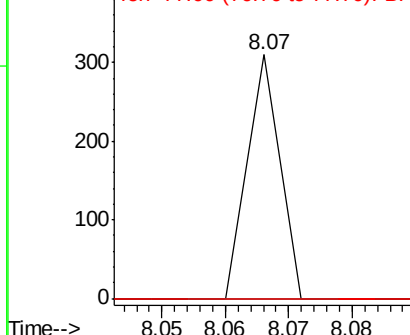
122 100

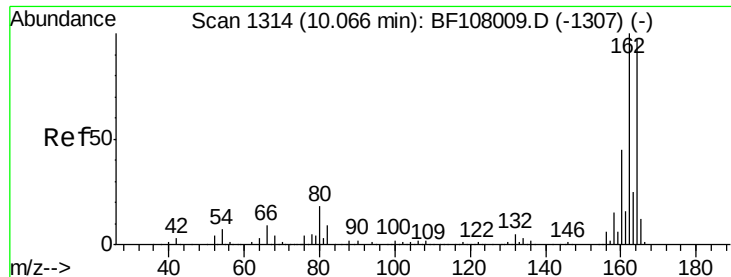
105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

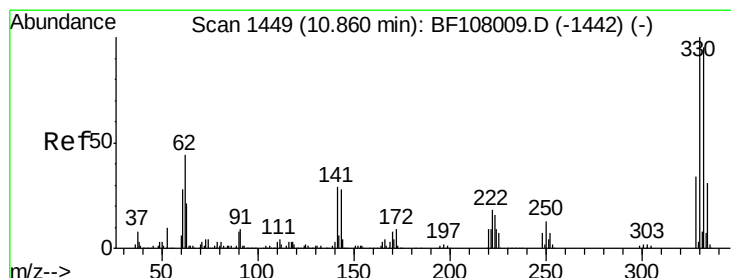
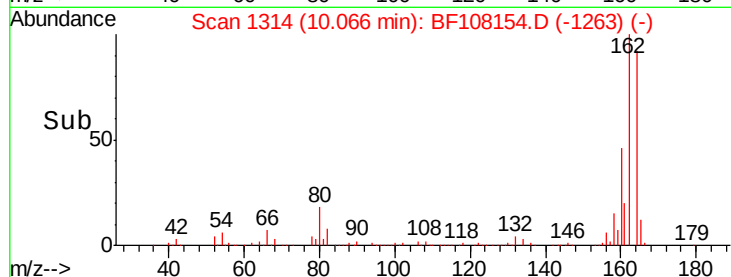
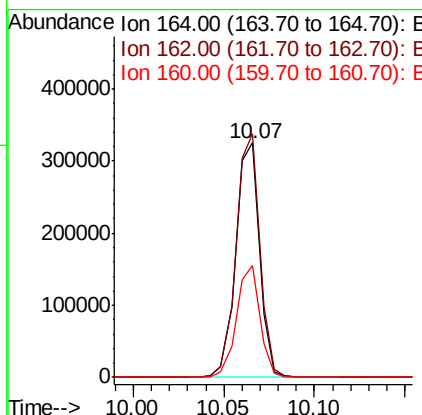
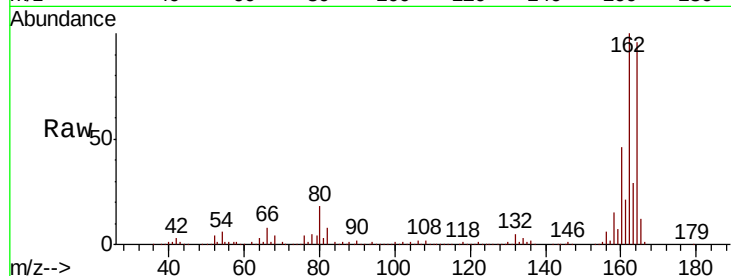




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

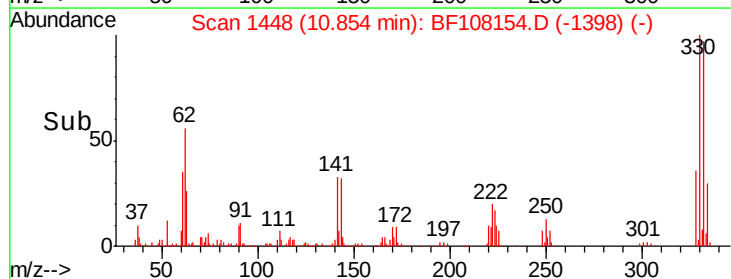
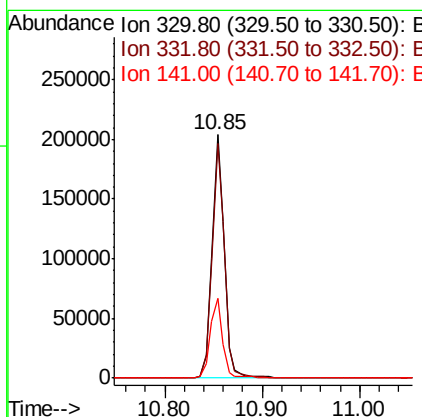
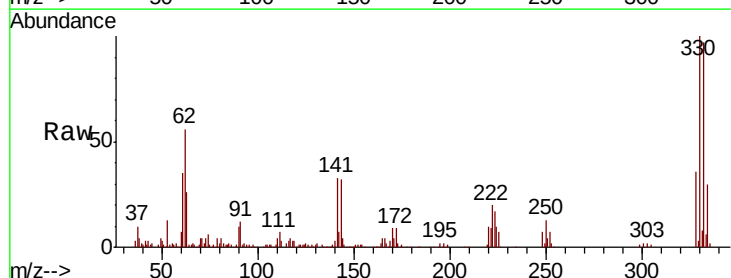
Instrument :
 BNA_F
 ClientSampleId :

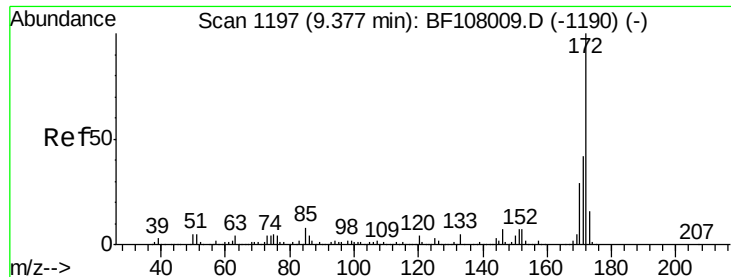
Tot Ion:164 Resp: 296273
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 60.091 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

Tgt Ion:330 Resp: 177584
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.5 29.9 44.9

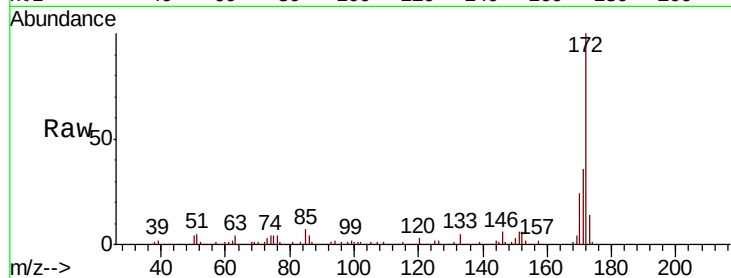




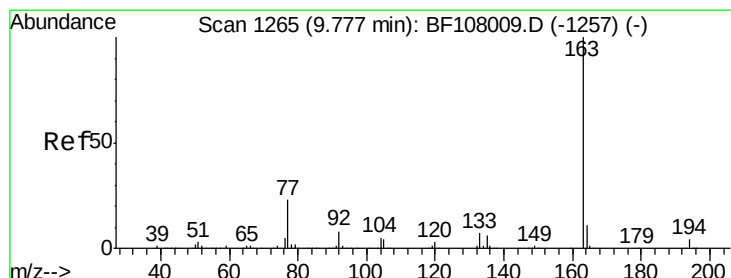
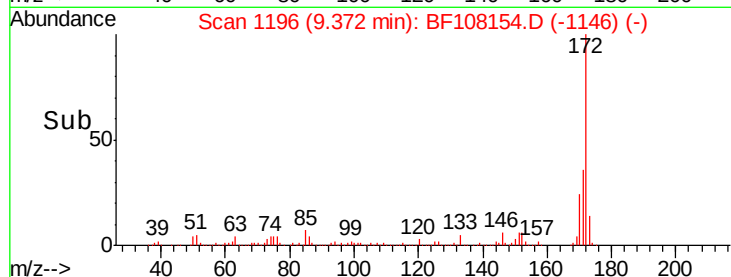
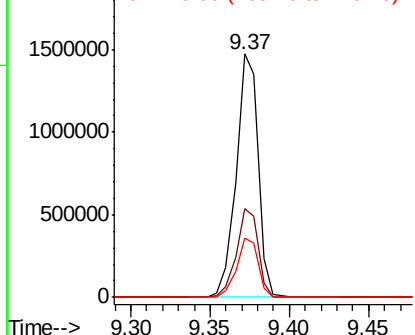
#44
2-Fluorobiphenyl
Concen: 76.709 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1415591
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.5 19.6 29.4

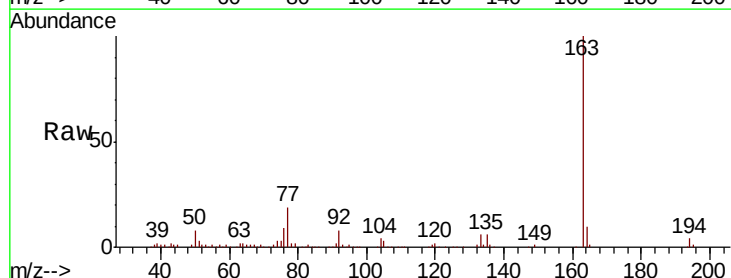


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

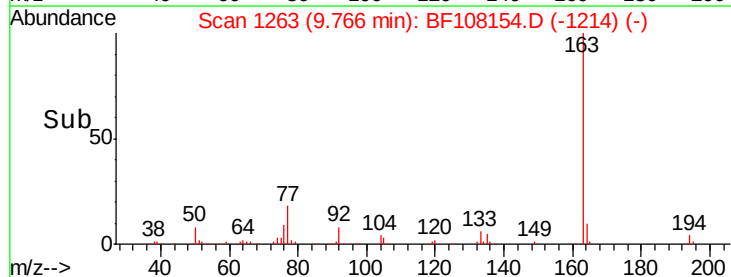
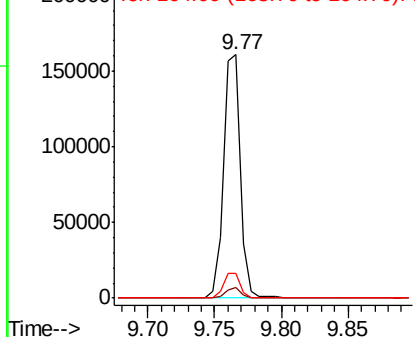


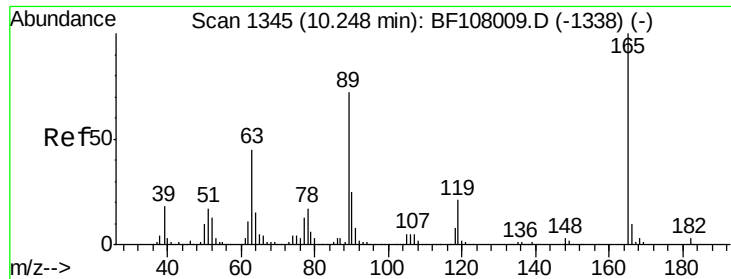
#49
Dimethylphthalate
Concen: 7.002 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:163 Resp: 144511
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2



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





#56

2,4-Dinitrotoluene

Concen: 6.896 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.18 min

Lab File: BF108154.D

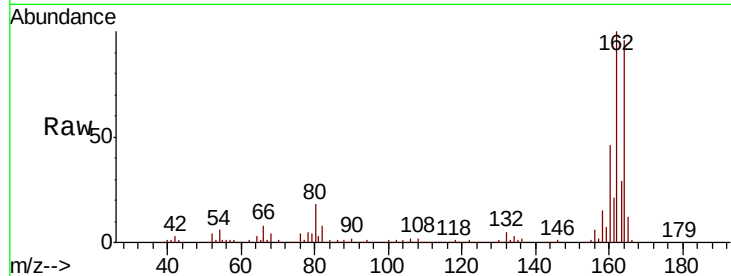
Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	38330
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

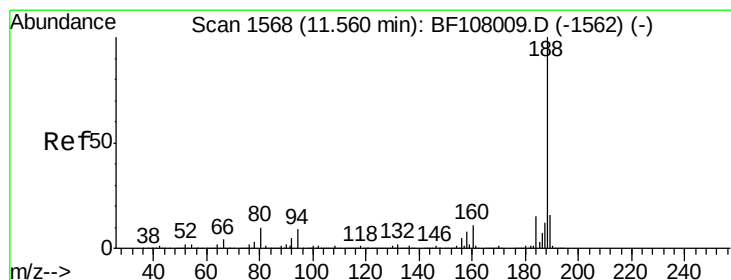
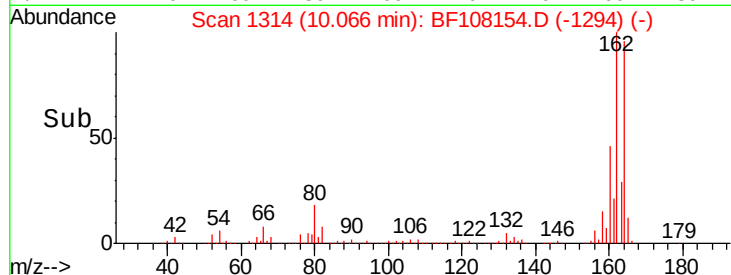
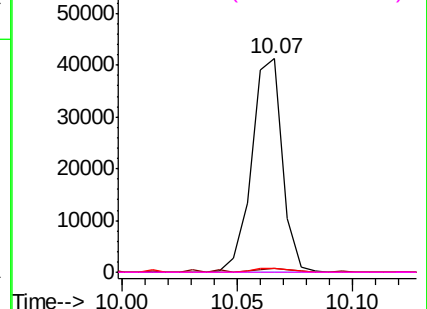


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

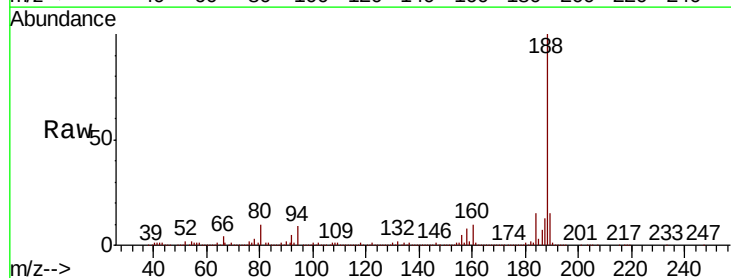
RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

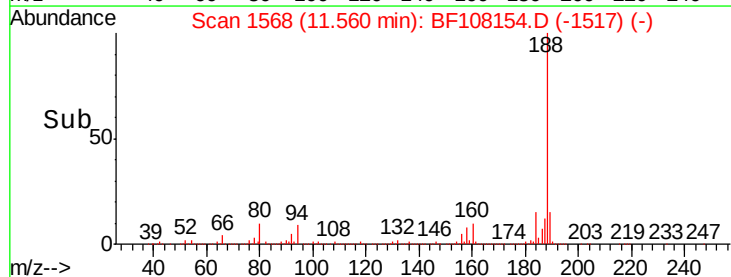
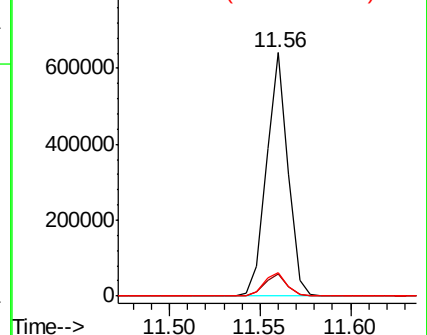
Tgt Ion:	188	Resp:	525224
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

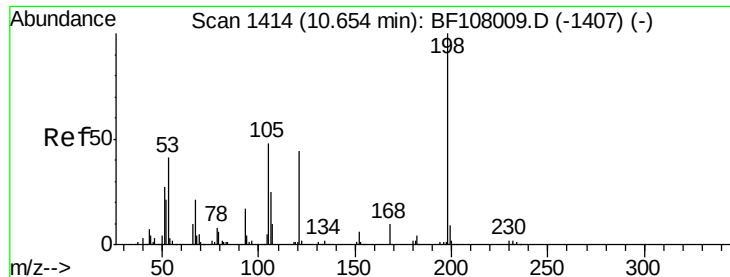


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

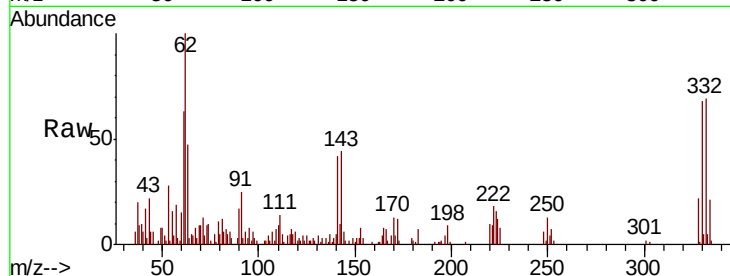




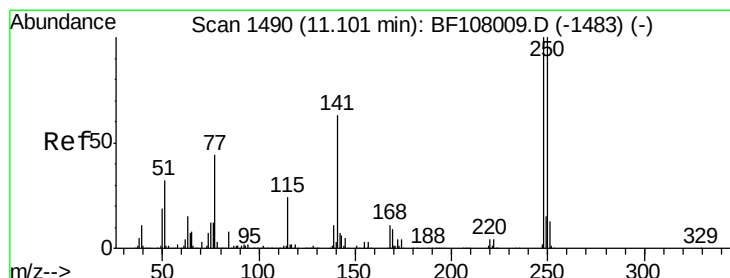
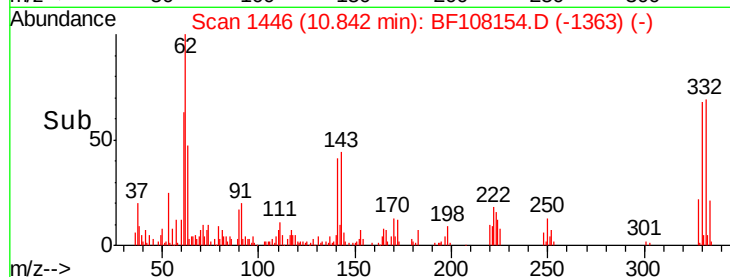
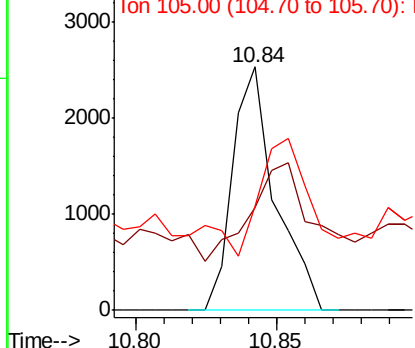
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.550 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. 0.19 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 2644
 Ion Ratio Lower Upper
 198 100
 51 42.1 37.7 77.7
 105 42.8 36.3 76.3

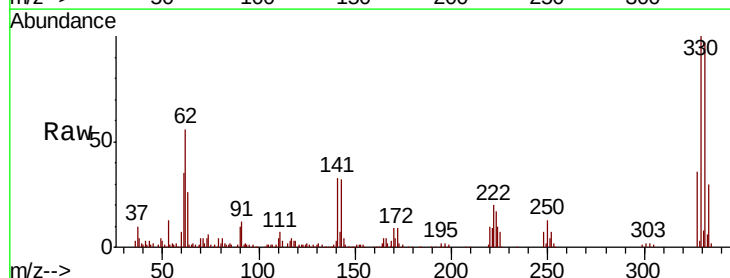


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

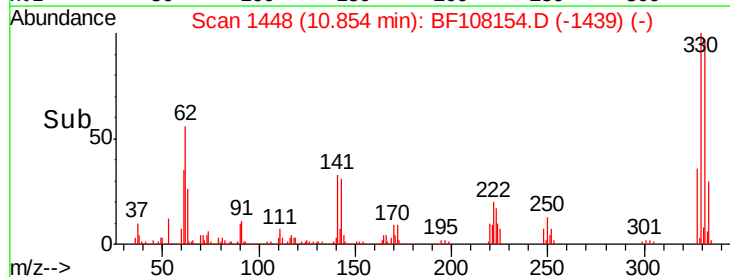
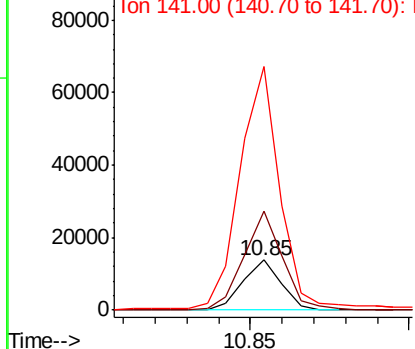


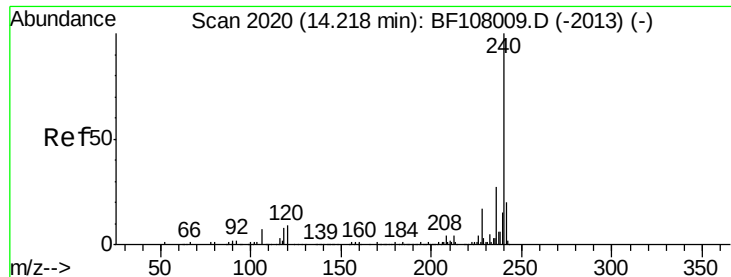
#66
 4-Bromophenyl-phenylether
 Concen: 2.026 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

Tgt Ion:248 Resp: 11563
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 484.5 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

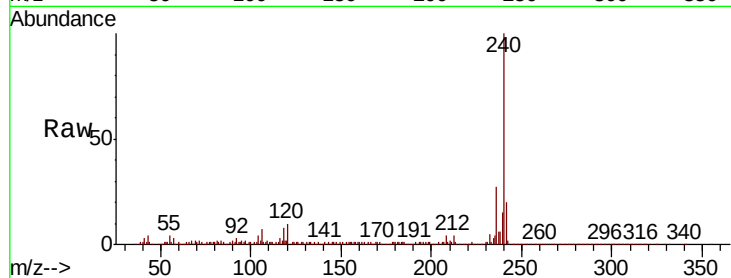
Tot Ion:240 Resp: 459915

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

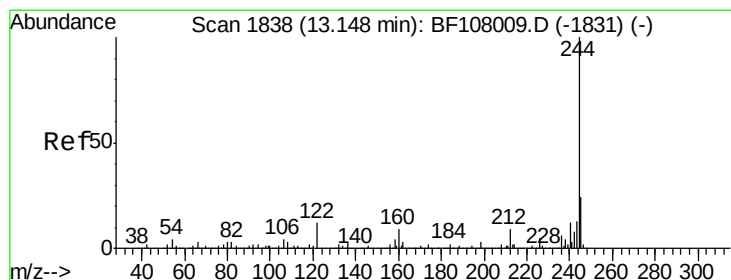
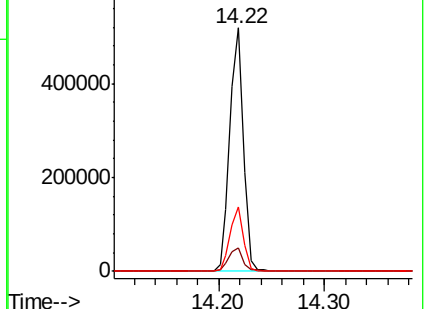
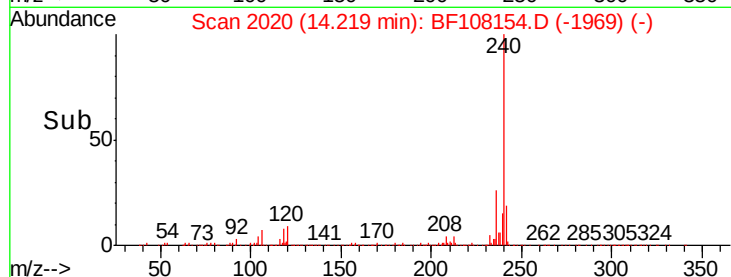
236 26.5 20.7 31.1



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



#78

Terphenyl-d14

Concen: 64.855 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

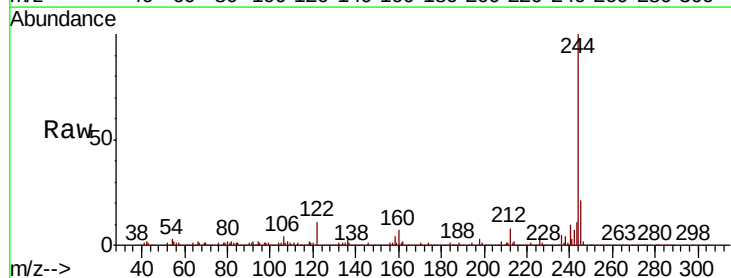
Tgt Ion:244 Resp: 1173130

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

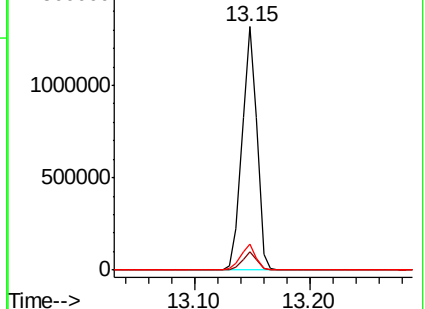
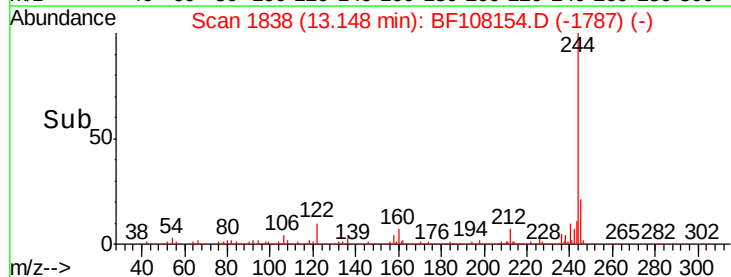
122 10.6 11.0 16.4#

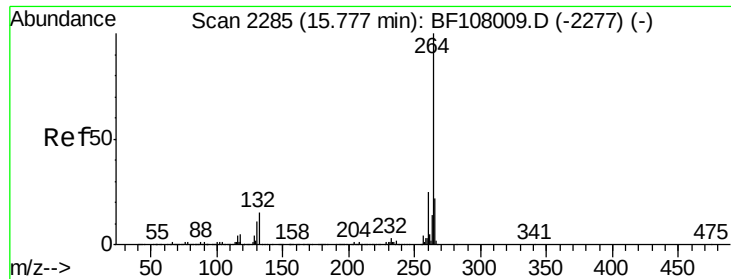


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	293954
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.5	26.3

