

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108413.D
 Acq On : 23 Aug 2018 6:41
 Operator : JU/SJ
 Sample : J4525-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:00:29 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	155449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	565625	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	263567	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	430711	20.00	ng	0.00
75) Chrysene-d12	14.19	240	302902	20.00	ng	-0.01
86) Perylene-d12	15.75	264	247384	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	405068	47.18	ng	0.00
7) Phenol-d6	6.61	99	343023	30.06	ng	-0.02
23) Nitrobenzene-d5	7.57	82	1036070	102.21	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	202548	77.04	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1835294	111.79	ng	0.00
78) Terphenyl-d14	13.12	244	1297543	108.92	ng	0.00

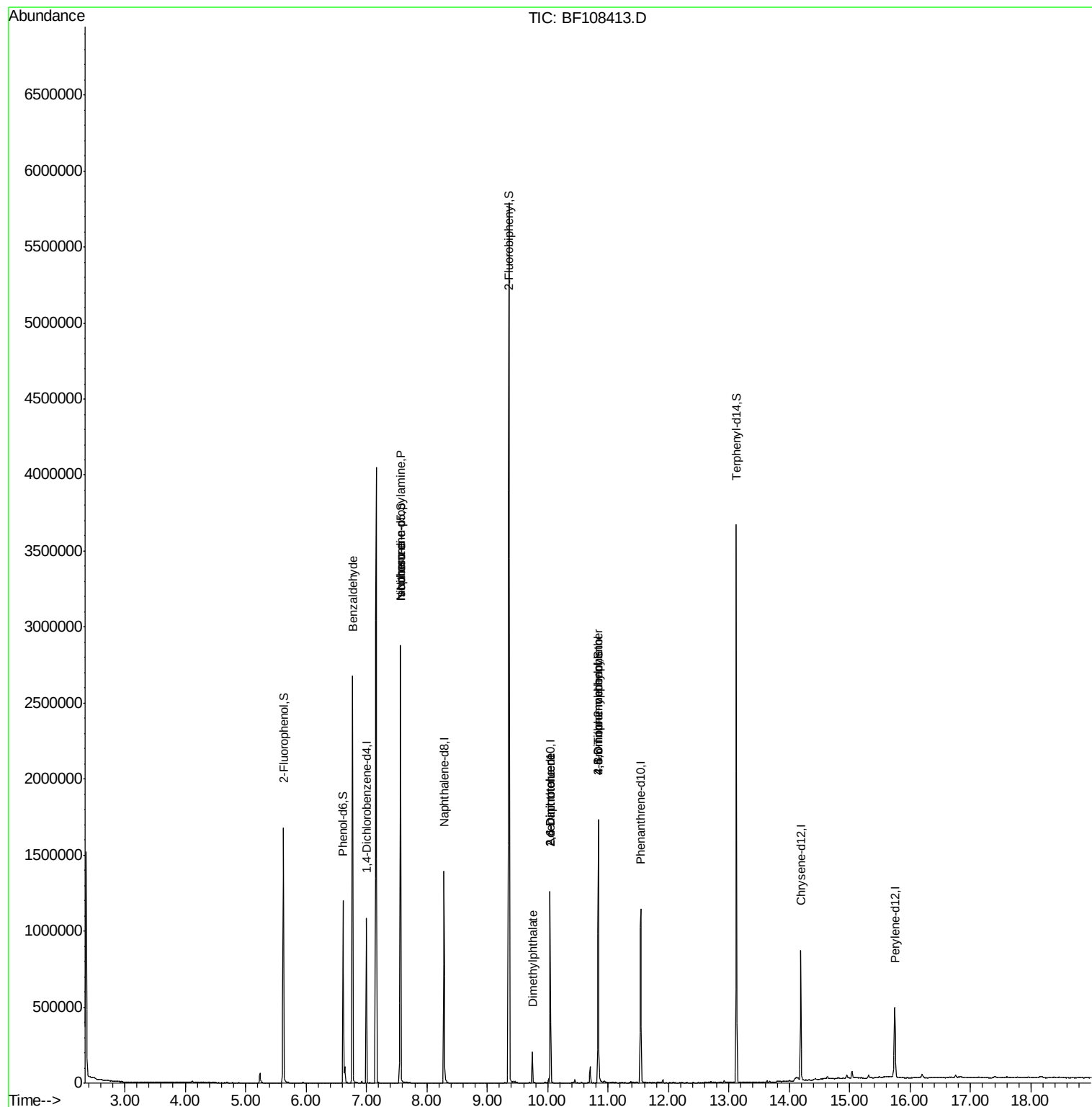
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	17878	2.021	ng	# 75
19) n-Nitroso-di-n-propylamine	7.57	70	141038	18.279	ng	# 82
25) Isophorone	7.57	82	1036051	53.625	ng	# 64
49) Dimethylphthalate	9.75	163	89444	4.872	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	34046	8.863	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	34046	6.886	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	470	5.617	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13555	2.896	ng	# 1

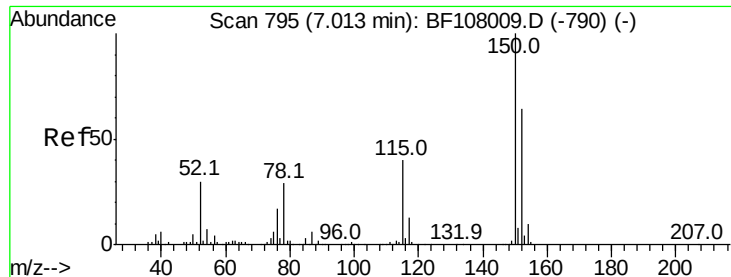
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108413.D
Acq On : 23 Aug 2018 6:41
Operator : JU/SJ
Sample : J4525-14
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 23 08:00:29 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 22 11:01:45 2018
Response via : Initial Calibration



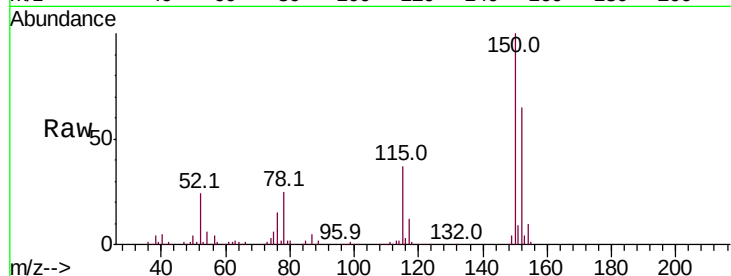


#1

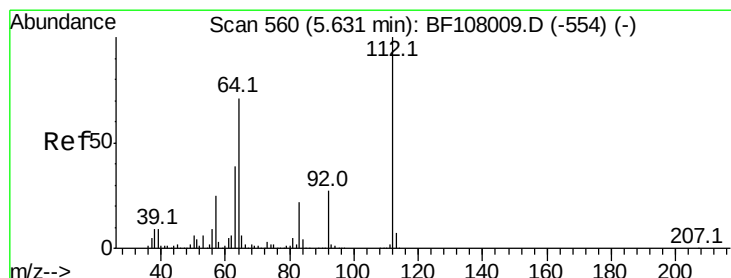
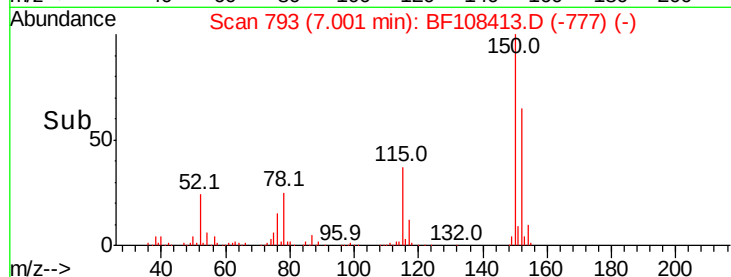
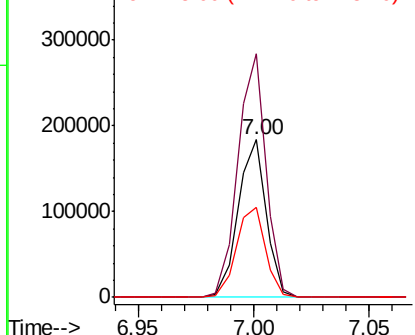
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155449
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.5 50.1 75.1



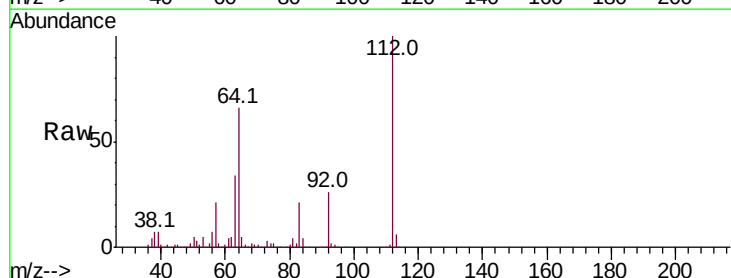
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



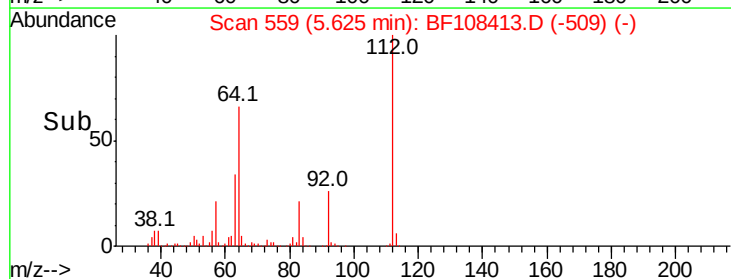
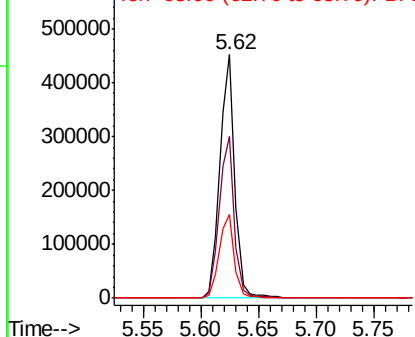
#5

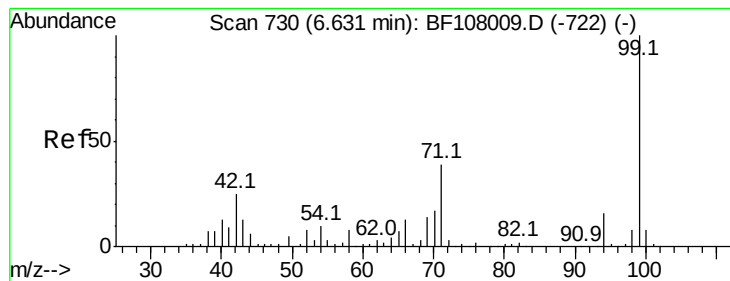
2-Fluorophenol
Concen: 47.177 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:112 Resp: 405068
Ion Ratio Lower Upper
112 100
64 66.4 47.9 71.9
63 34.5 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: 30.064 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108413.D

Acq: 23 Aug 2018 6:41

Instrument :

BNA_F

ClientSampled :

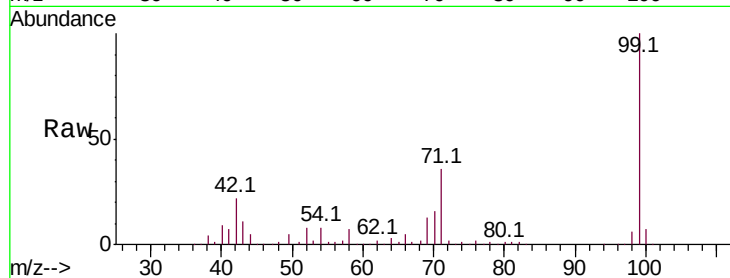
Tot Ion: 99 Resp: 343023

Ion Ratio Lower Upper

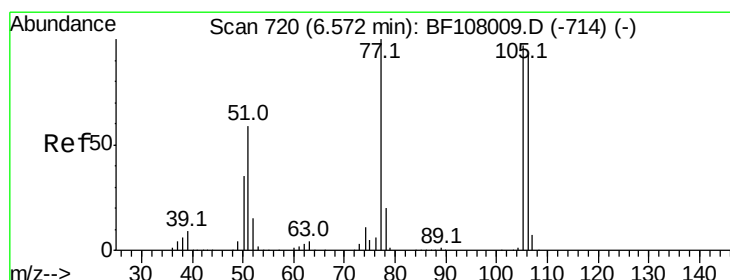
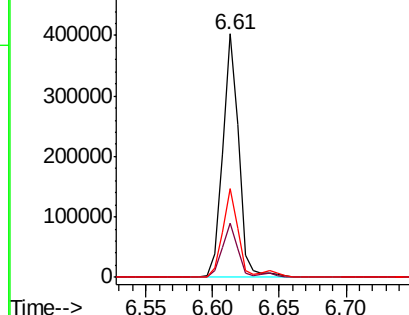
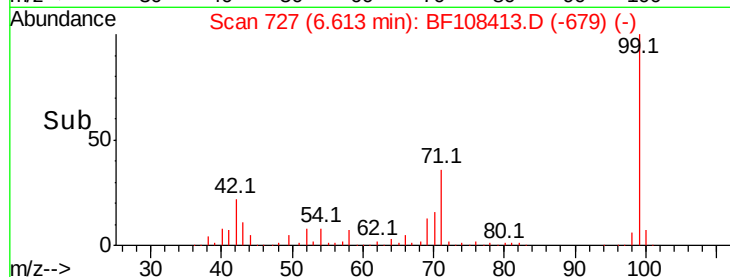
99 100

42 22.5 14.5 21.7#

71 36.5 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



#9

Benzaldehyde

Concen: 2.021 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108413.D

Acq: 23 Aug 2018 6:41

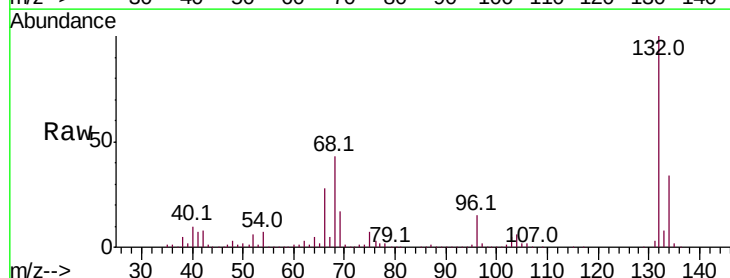
Tgt Ion: 77 Resp: 17878

Ion Ratio Lower Upper

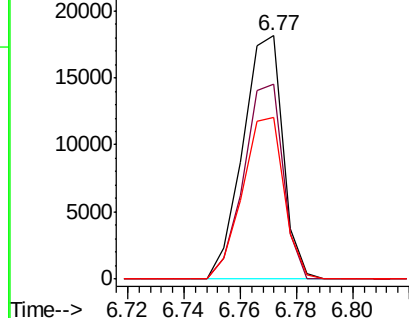
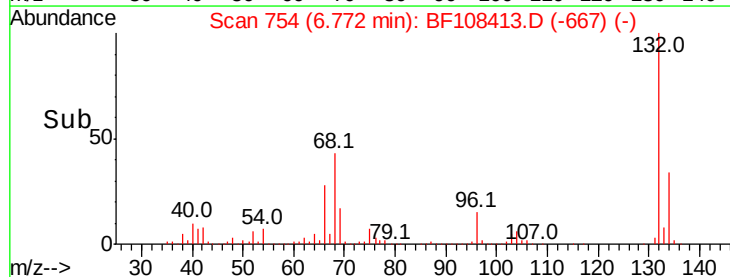
77 100

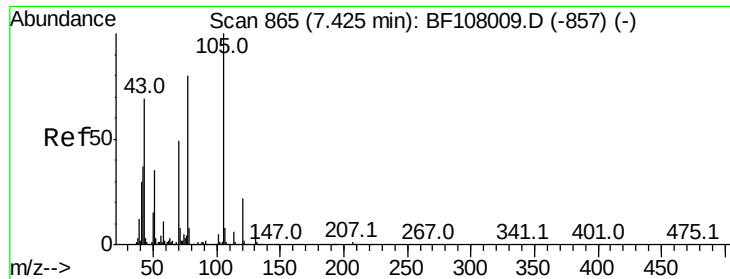
105 80.3 81.1 121.1#

106 66.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

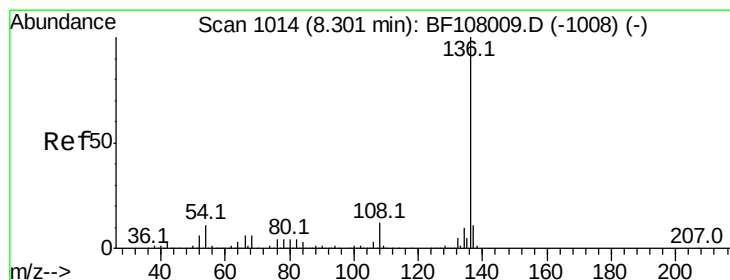
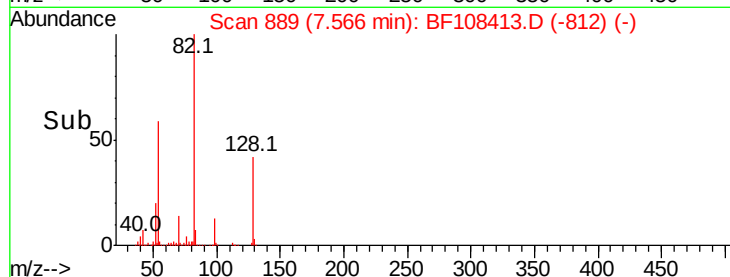
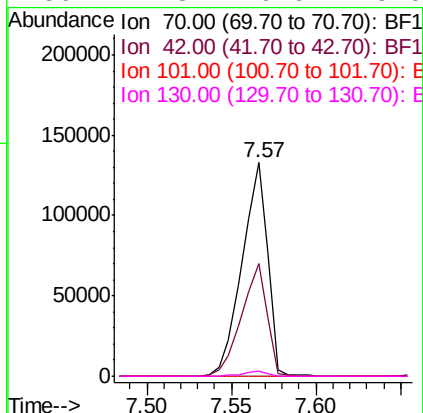
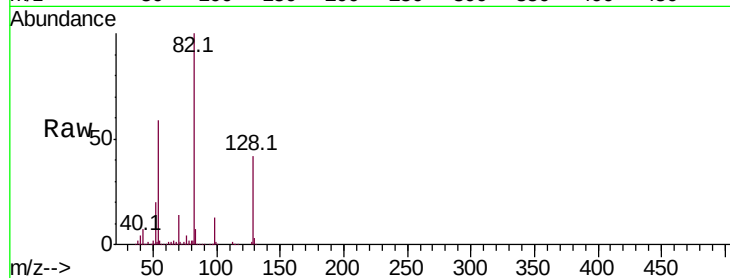




#19
n-Nitroso-di-n-propylamine
Concen: 18.279 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

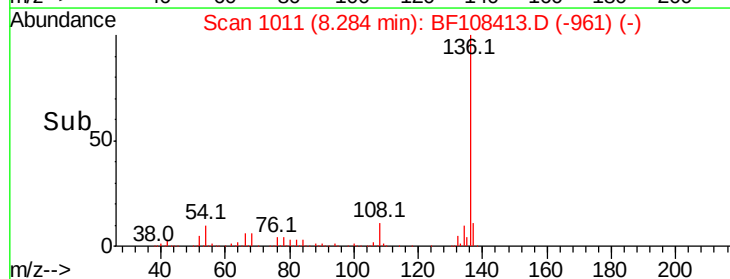
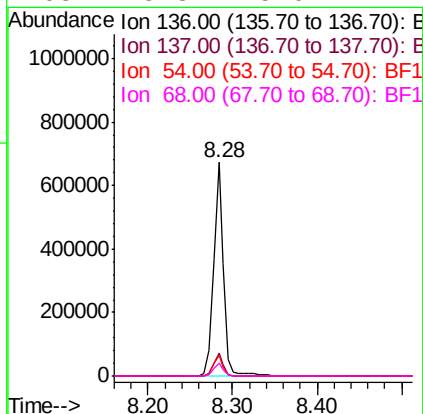
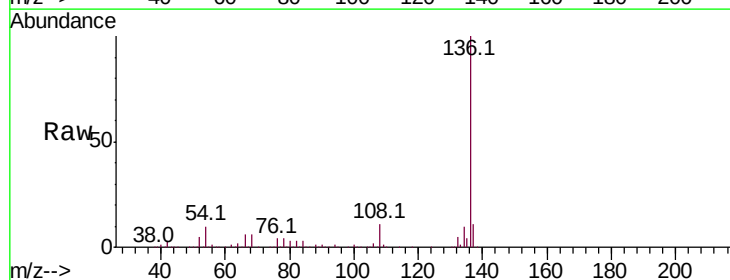
Instrument :
BNA_F
ClientSampleId :

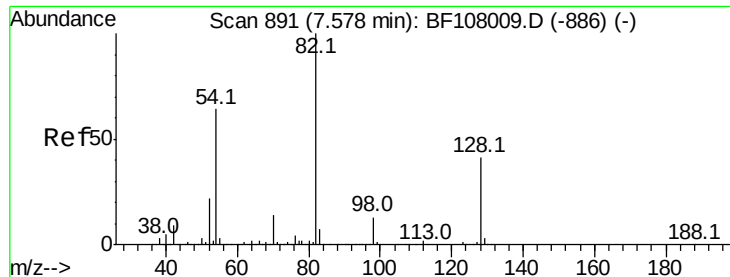
Tot Ion:	70	Resp:	141038
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:	136	Resp:	565625
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4



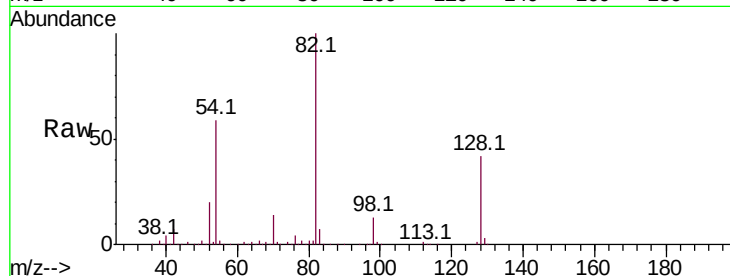


#23
 Nitrobenzene-d5
 Concen: 102.213 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

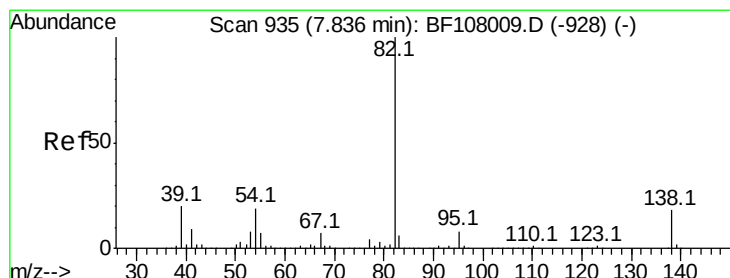
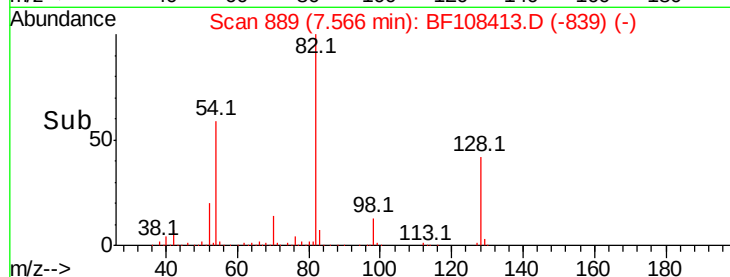
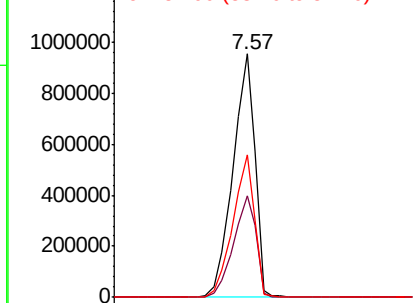
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1036070

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.5	41.4	62.2



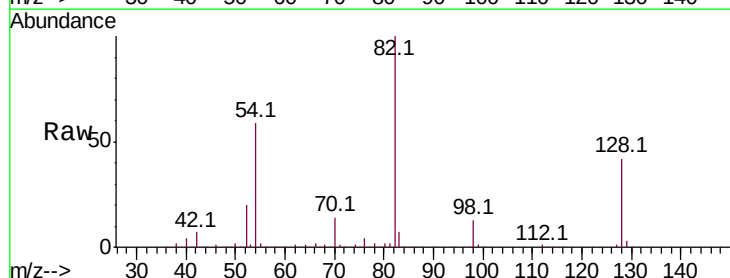
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



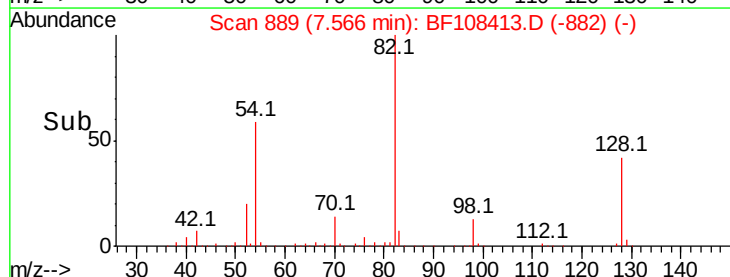
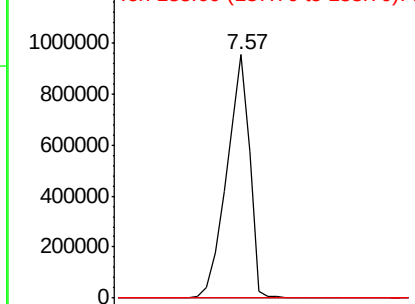
#25
 Isophorone
 Concen: 53.625 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

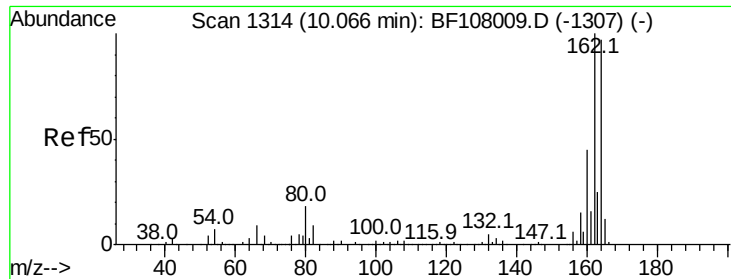
Tgt Ion: 82 Resp: 1036051

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

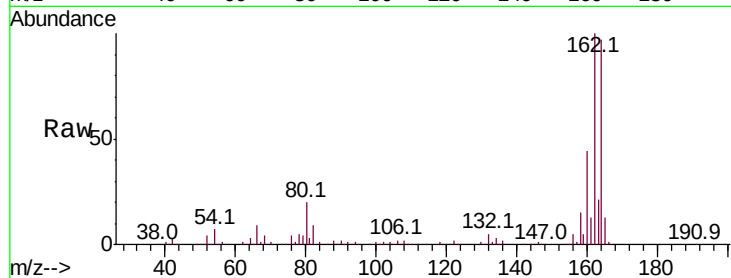




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.7	38.3	57.5

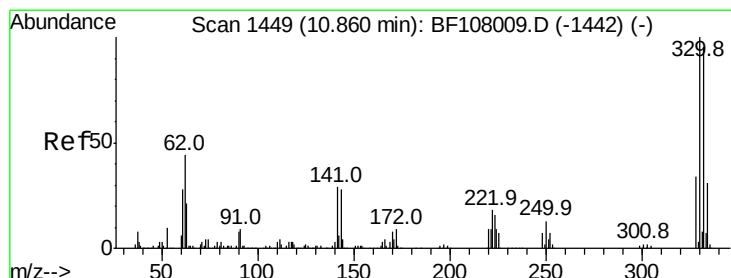
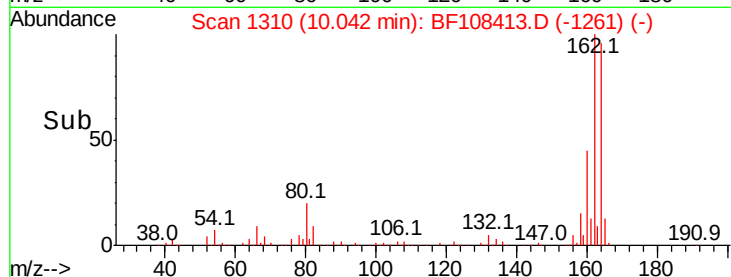
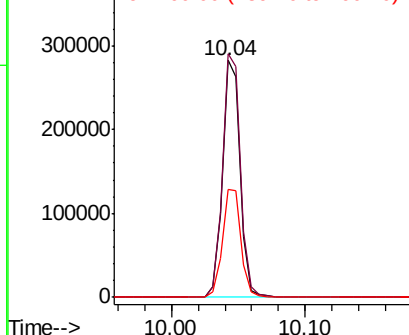


Abundance

Ion 164.00 (163.70 to 164.70): E

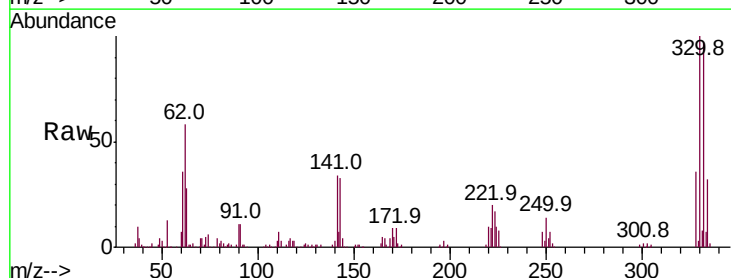
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 77.043 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.8	29.9	44.9

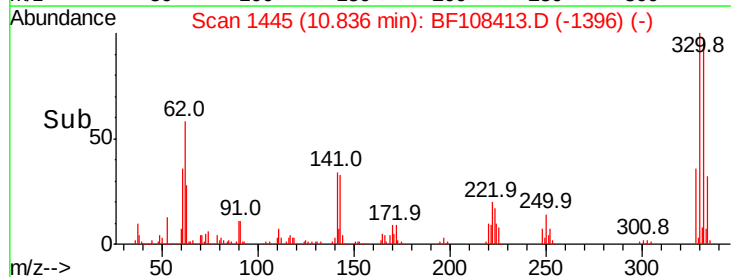
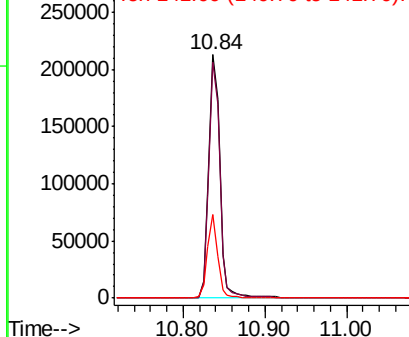


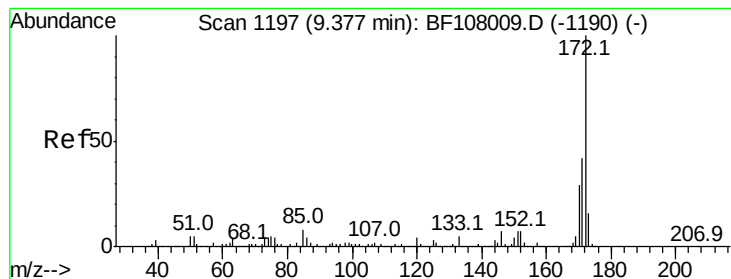
Abundance

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

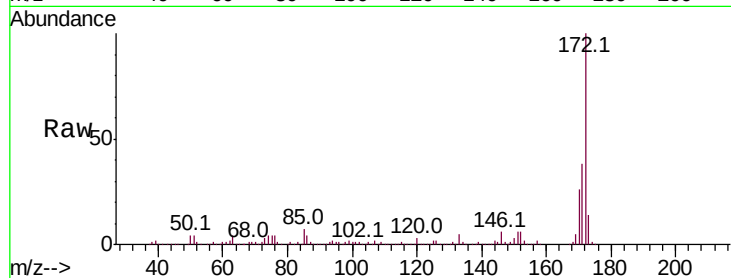




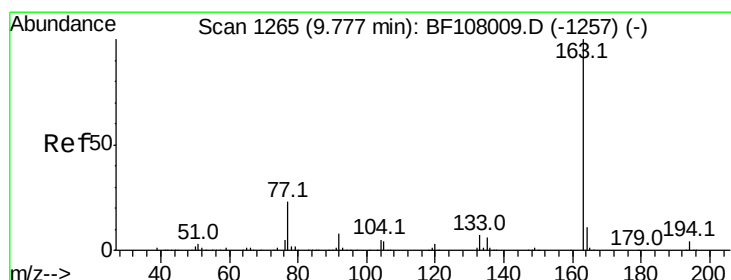
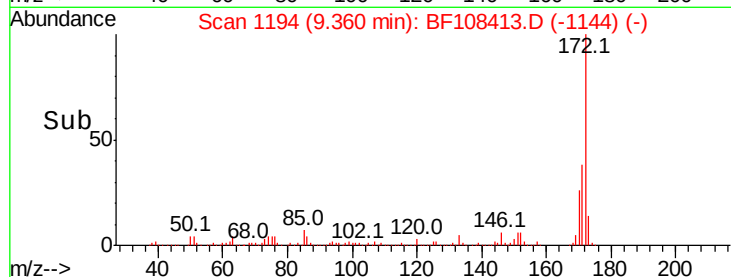
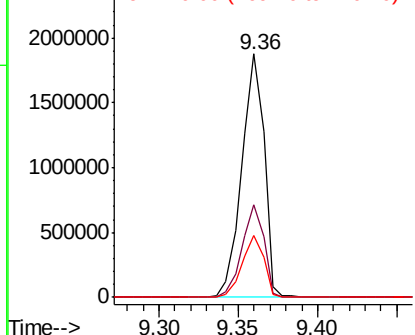
#44
2-Fluorobiphenyl
Concen: 111.793 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1835294
Ion Ratio Lower Upper
172 100
171 38.2 29.7 44.5
170 25.7 19.6 29.4

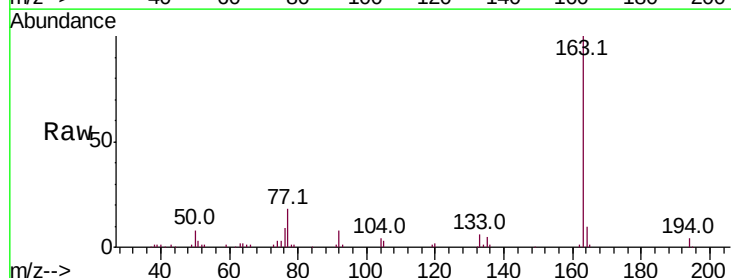


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

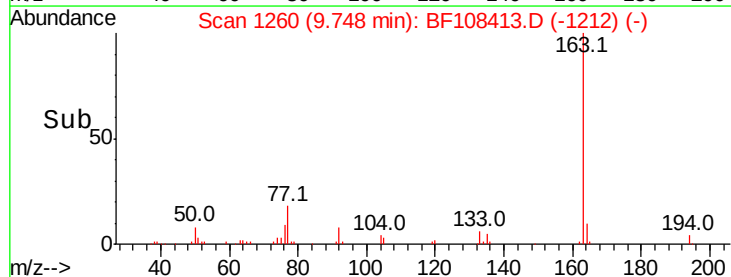
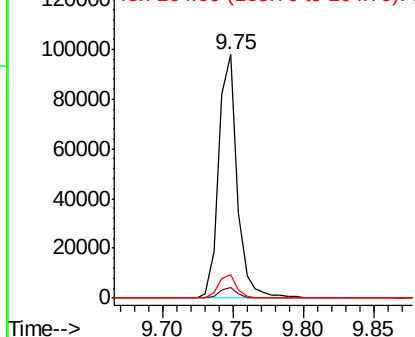


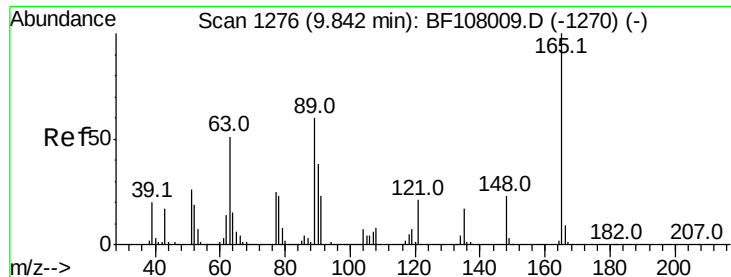
#49
Dimethylphthalate
Concen: 4.872 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108413.D
Acq: 23 Aug 2018 6:41

Tgt Ion:163 Resp: 89444
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.6 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

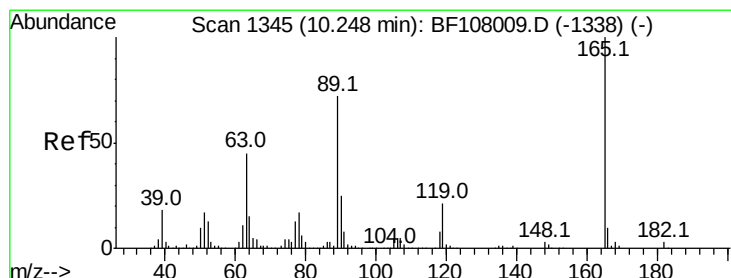
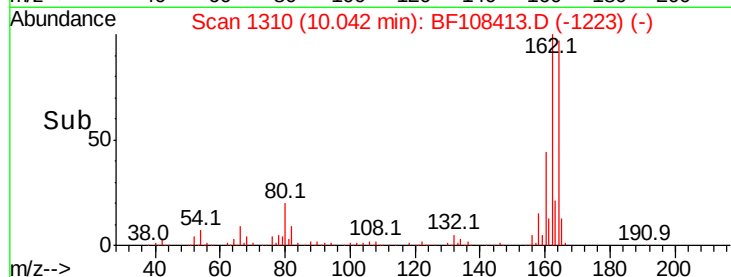
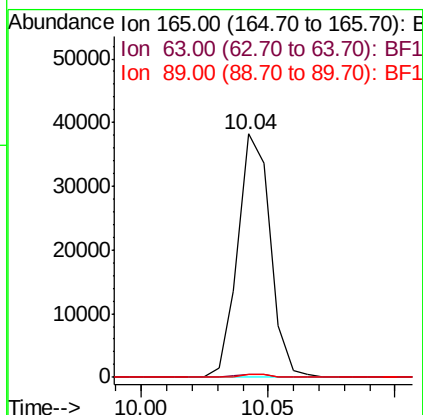
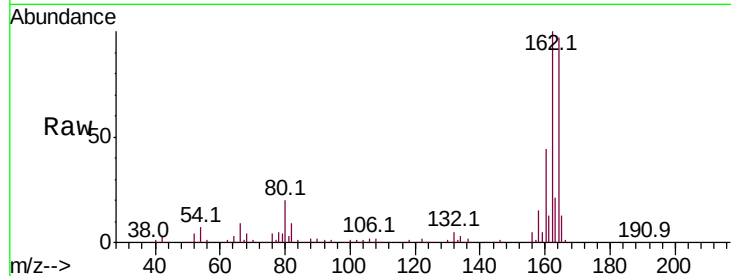




#50
 2,6-Dinitrotoluene
 Concen: 8.863 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

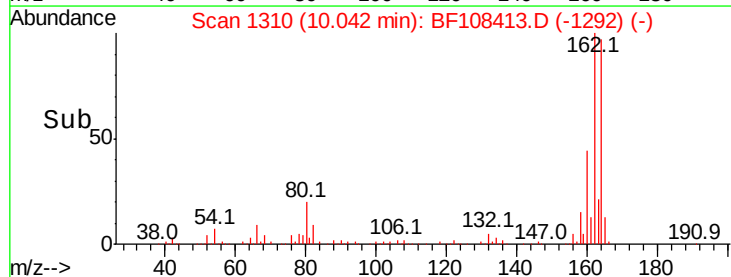
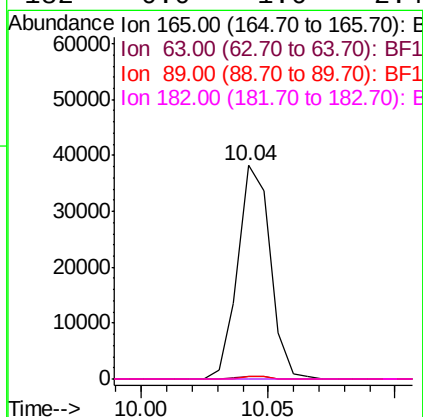
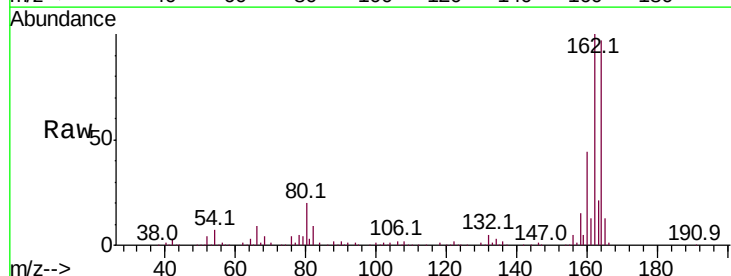
Instrument :
 BNA_F
 ClientSampled :

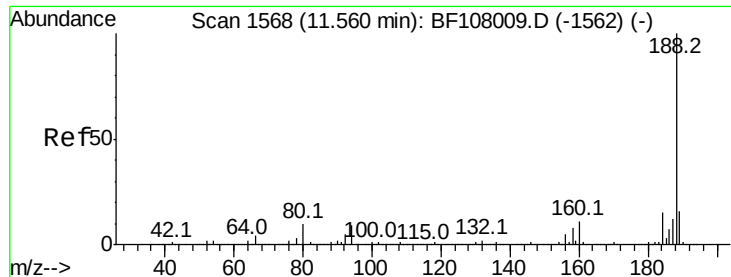
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.886 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

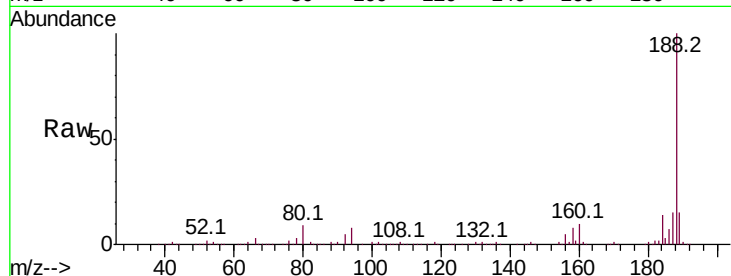




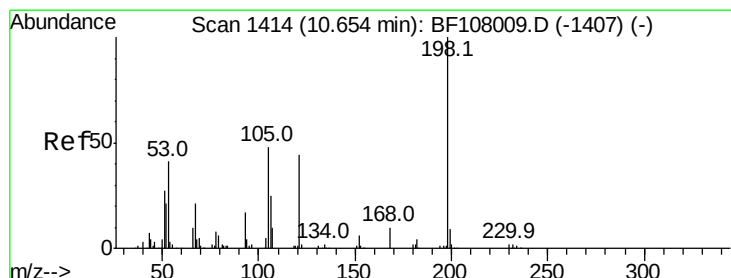
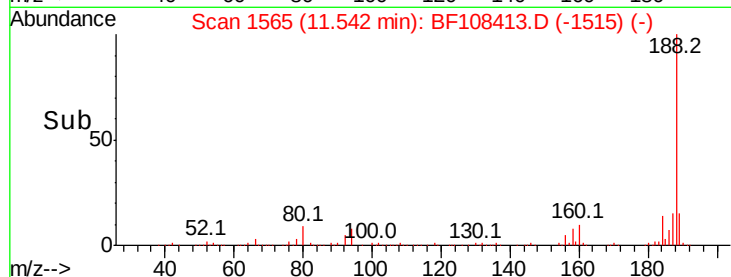
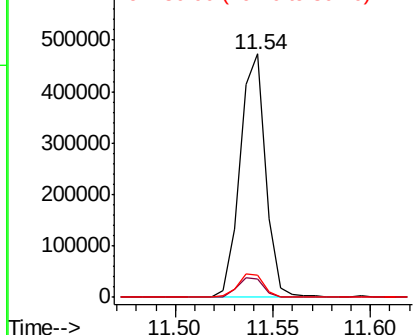
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 430711
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.5 12.7#
 80 8.9 9.2 13.8#

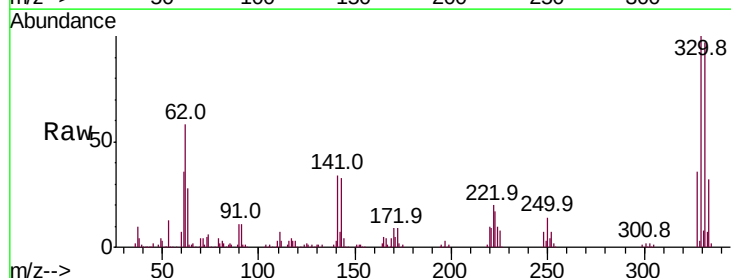


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

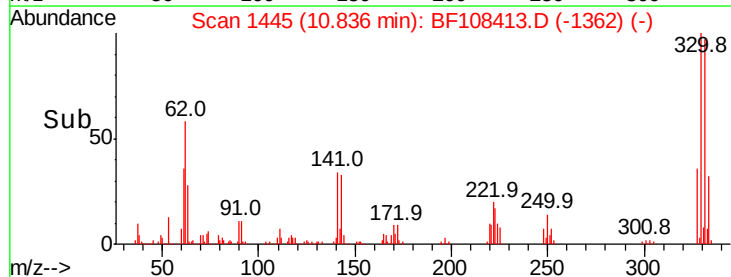
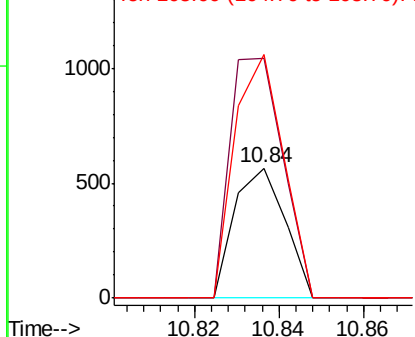


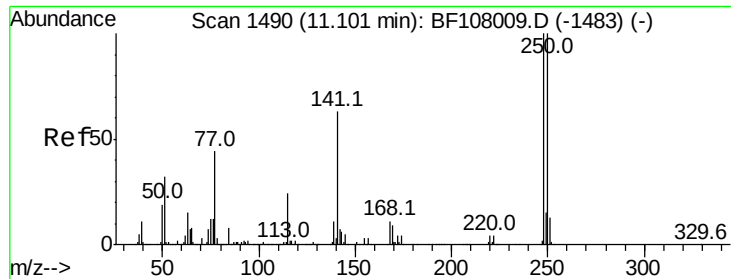
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.617 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion:198 Resp: 470
 Ion Ratio Lower Upper
 198 100
 51 185.3 37.7 77.7#
 105 187.8 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

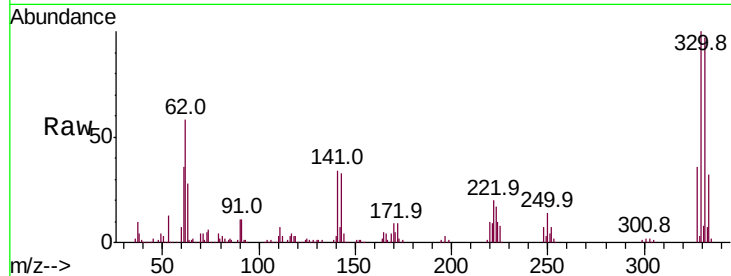




#66
 4-Bromophenyl-phenylether
 Concen: 2.896 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	468.4	74.4	111.6#

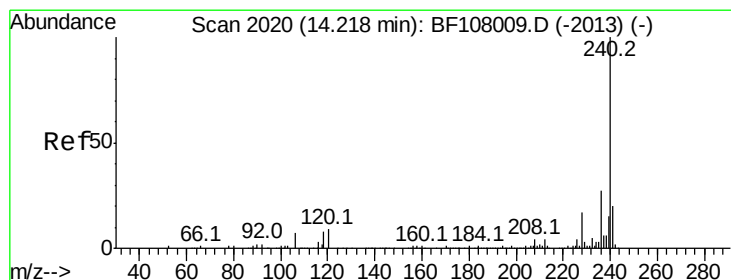
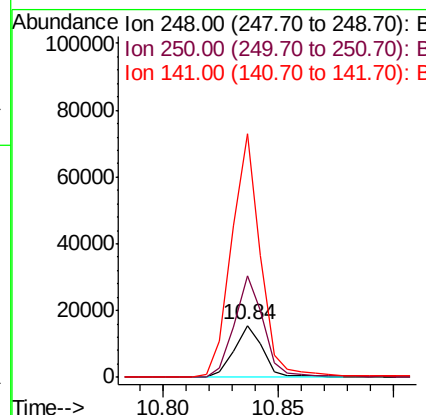
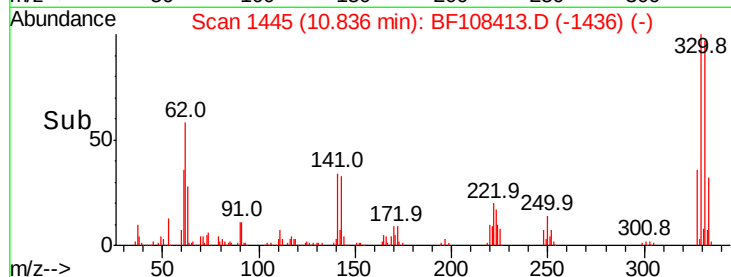


Abundance

Ion 248.00 (247.70 to 248.70): E

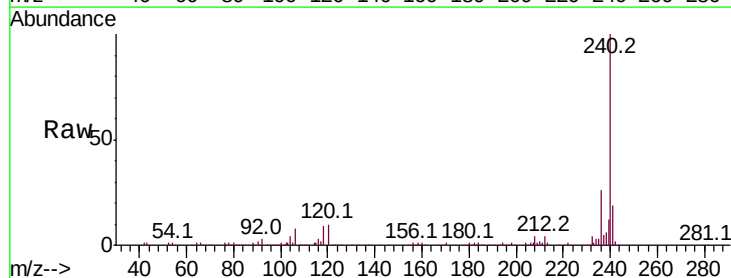
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.1	20.7	31.1

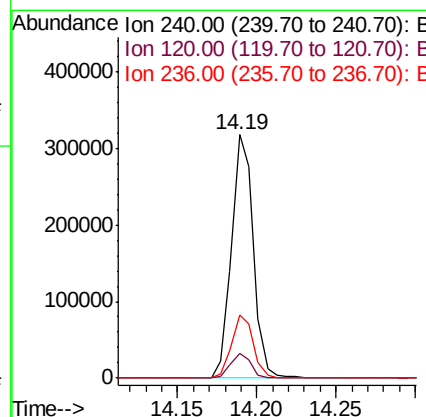
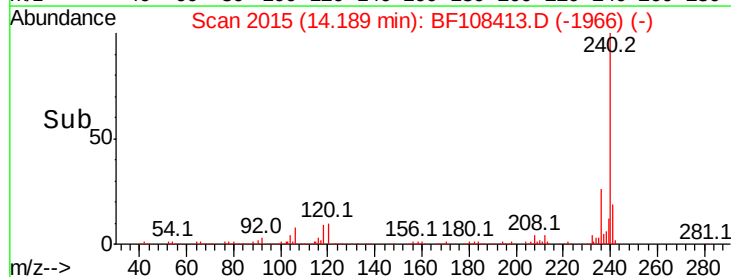


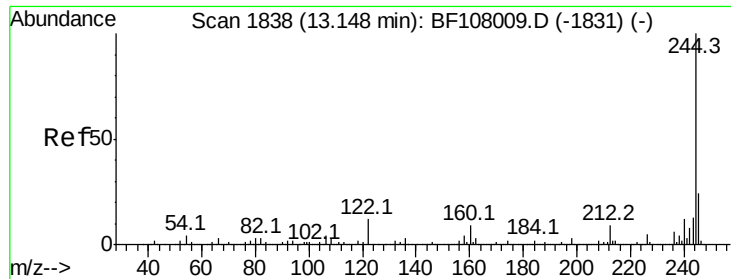
Abundance

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

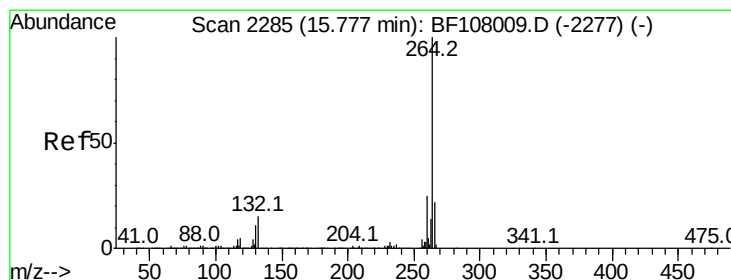
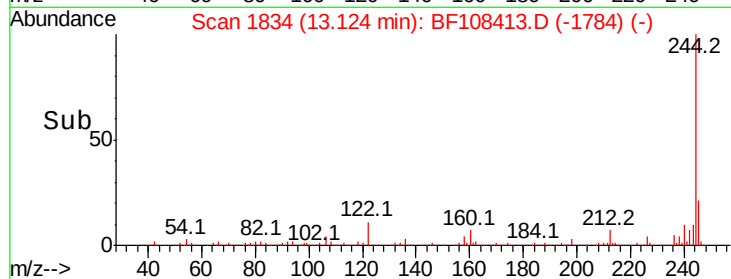
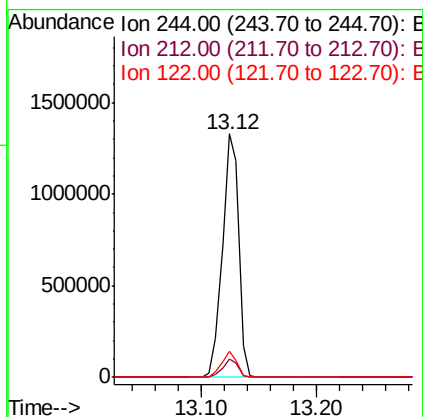
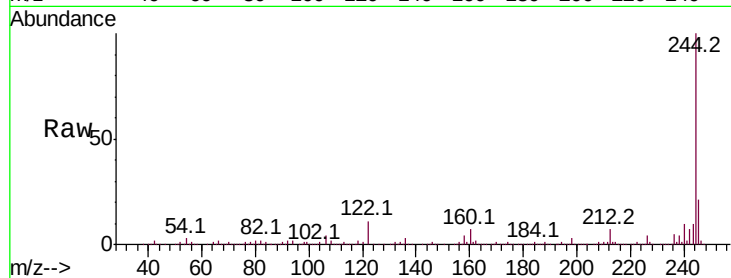




#78
 Terphenyl-d14
 Concen: 108.916 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1297543
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108413.D
 Acq: 23 Aug 2018 6:41

Tgt Ion:264 Resp: 247384
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.5 17.5 26.3

