

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108494.D
 Acq On : 25 Aug 2018 6:17
 Operator : JU/SJ
 Sample : J4582-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 01:35:28 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

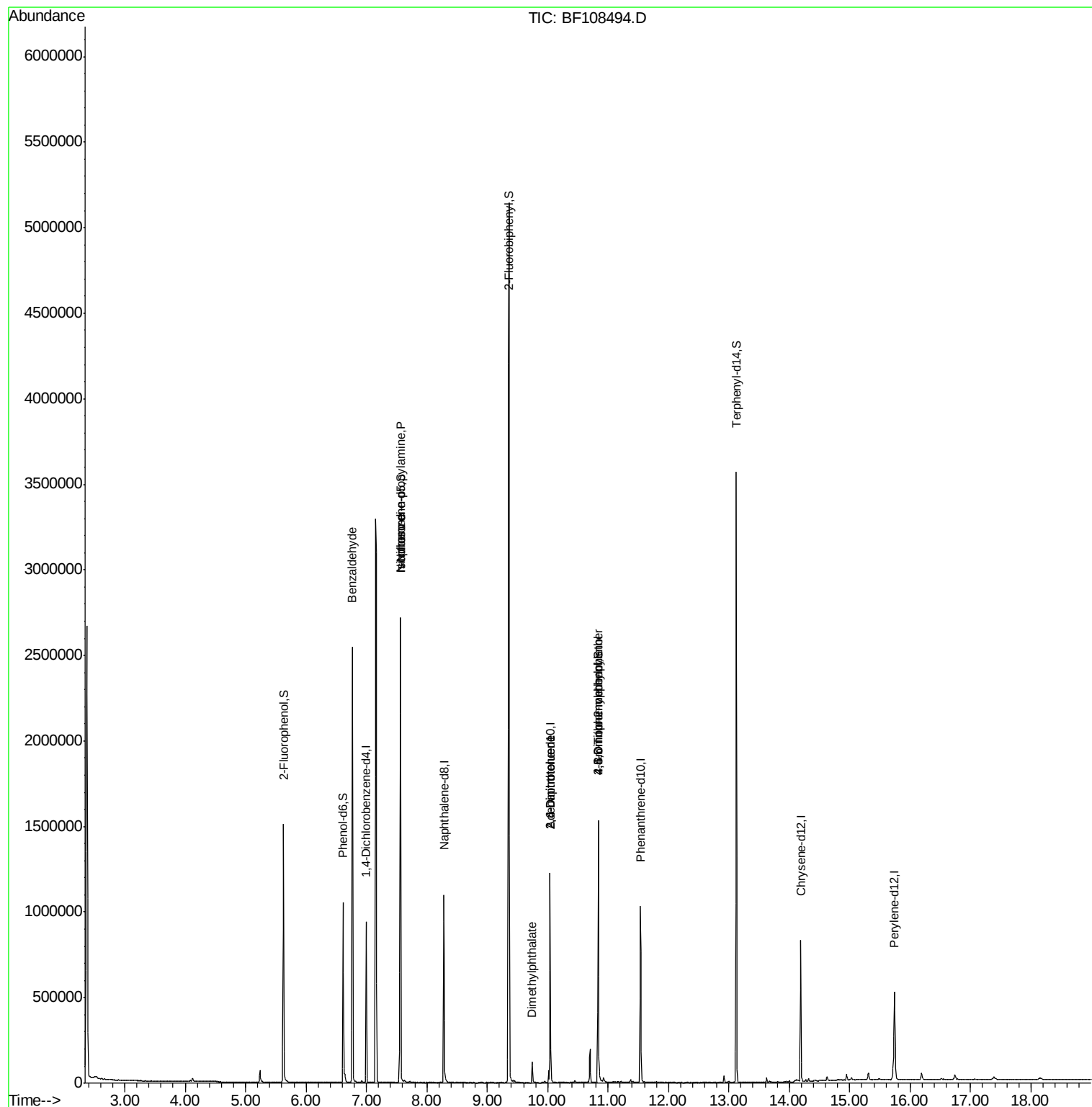
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	137659	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	505404	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	235362	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	384629	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	282758	20.00	ng	-0.01
86) Perylene-d12	15.74	264	276668	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	362001	47.61	ng	0.00
7) Phenol-d6	6.61	99	304513	30.14	ng	-0.02
23) Nitrobenzene-d5	7.57	82	949080	104.79	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	195099	83.10	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1665522	113.61	ng	0.00
78) Terphenyl-d14	13.12	244	1171792	105.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	16231	2.072	ng	# 74
19) n-Nitroso-di-n-propylamine	7.57	70	128796	18.850	ng	# 82
25) Isophorone	7.57	82	949064	54.976	ng	# 64
49) Dimethylphthalate	9.74	163	54131	3.302	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	29235	8.523	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	29235	6.621	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	346	5.571	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12977	3.105	ng	# 1

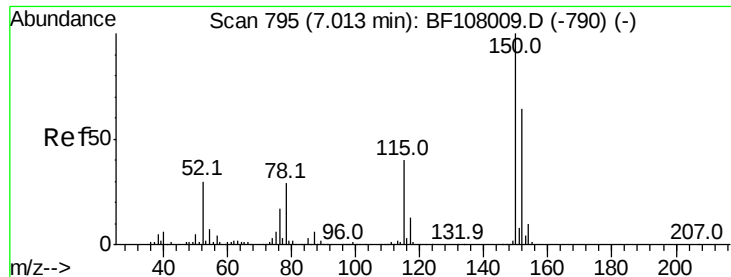
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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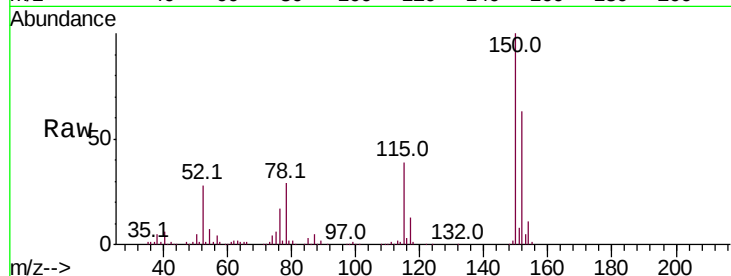


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	62.5	50.1	75.1

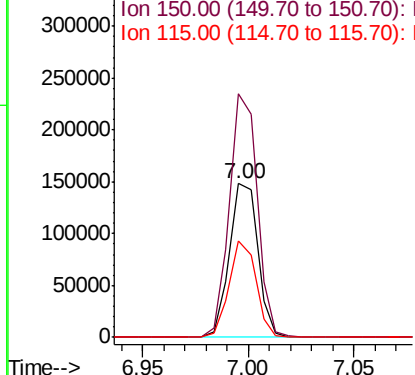
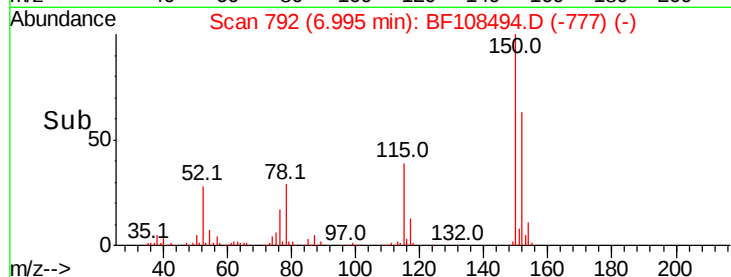


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

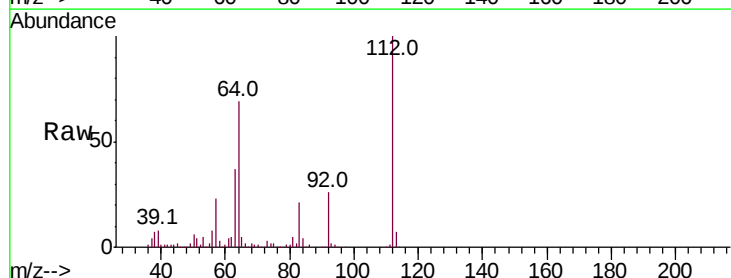
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.609 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	36.5	23.7	35.5#

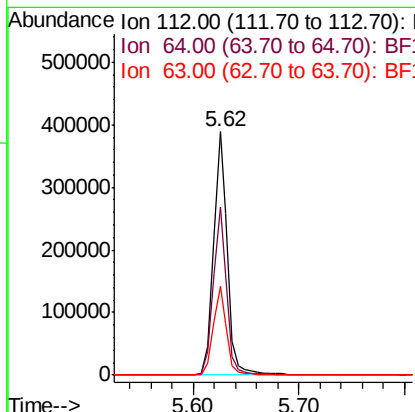
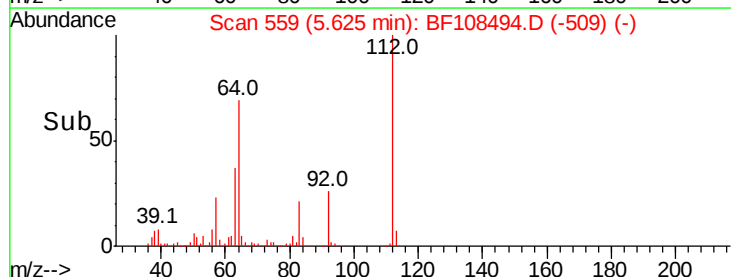


Abundance

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: 30.138 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108494.D

Acq: 25 Aug 2018 6:17

Instrument :

BNA_F

ClientSampleId :

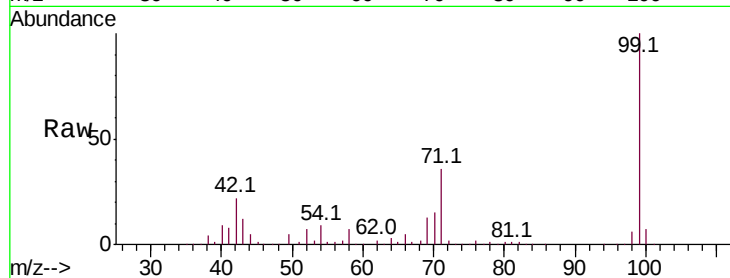
Tot Ion: 99 Resp: 304513

Ion Ratio Lower Upper

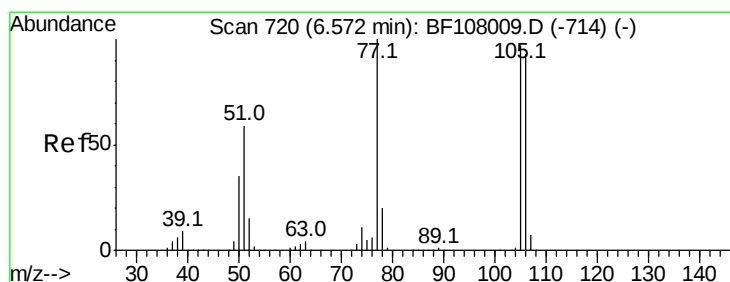
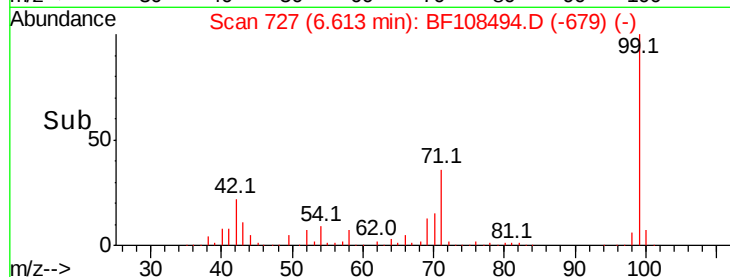
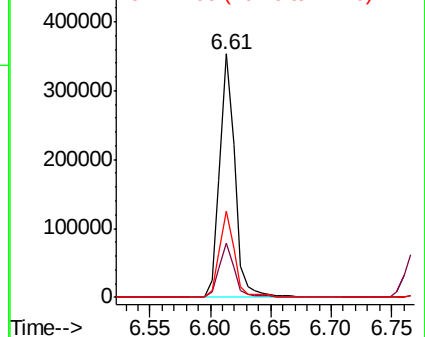
99 100

42 22.4 14.5 21.7#

71 35.6 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: 2.072 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108494.D

Acq: 25 Aug 2018 6:17

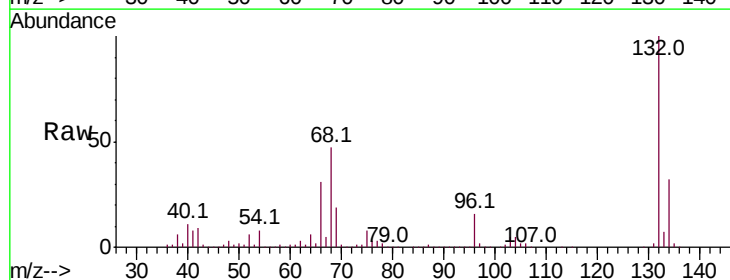
Tgt Ion: 77 Resp: 16231

Ion Ratio Lower Upper

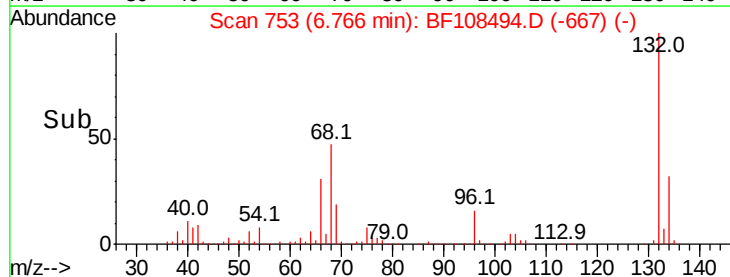
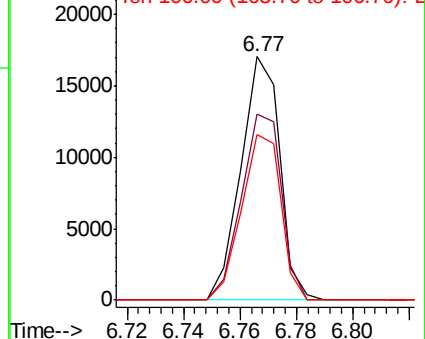
77 100

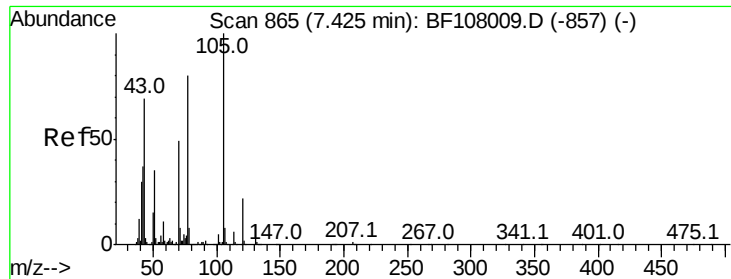
105 76.4 81.1 121.1#

106 68.1 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

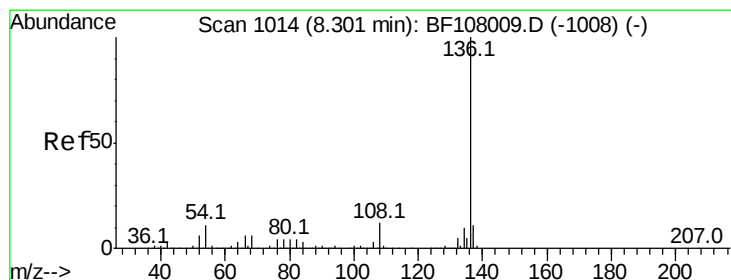
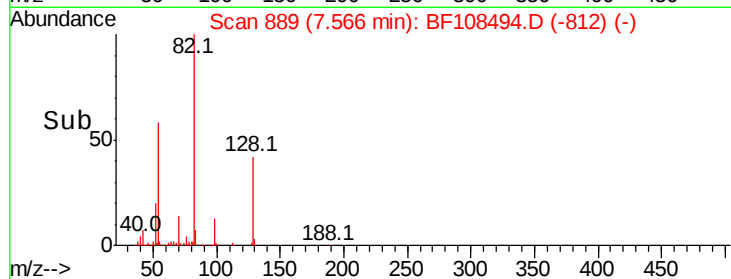
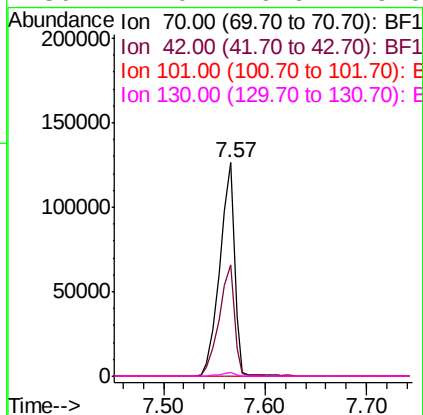
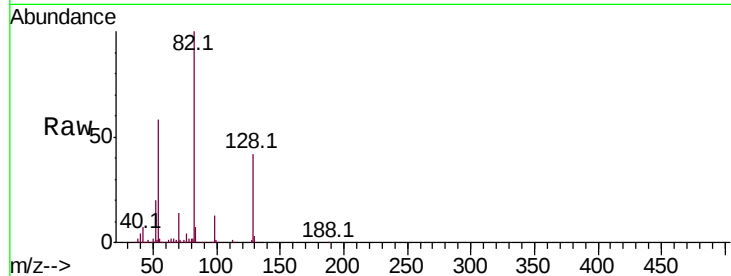




#19
n-Nitroso-di-n-propylamine
Concen: 18.850 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

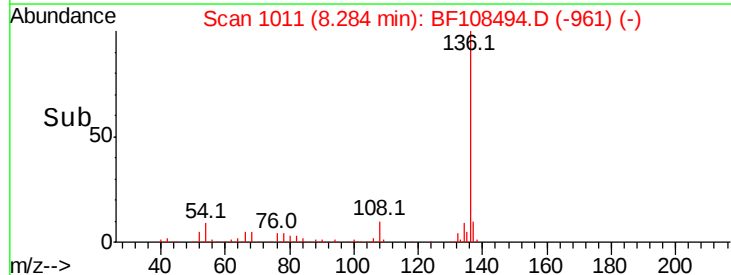
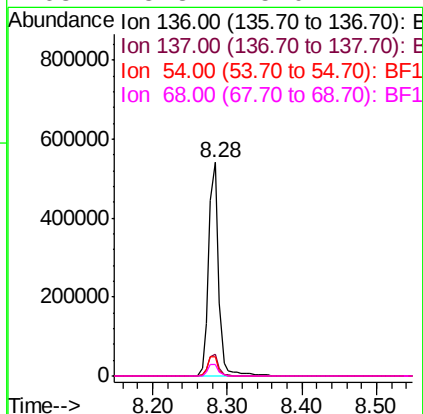
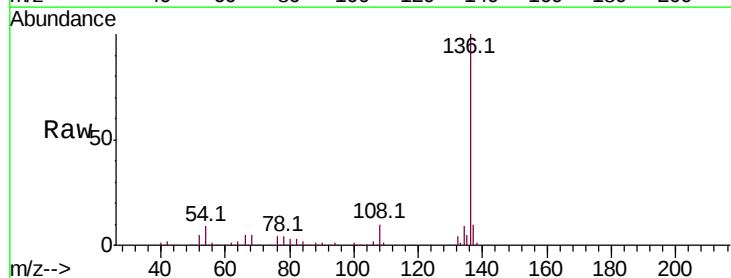
Instrument :
BNA_F
ClientSampleId :

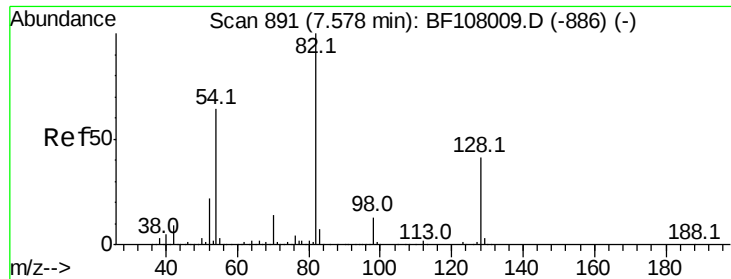
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	9.0	6.6	9.8
68	5.3	5.0	7.4

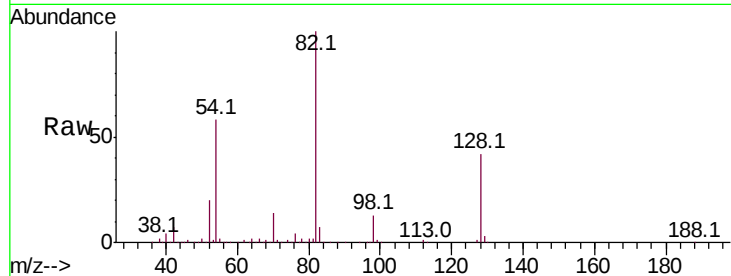




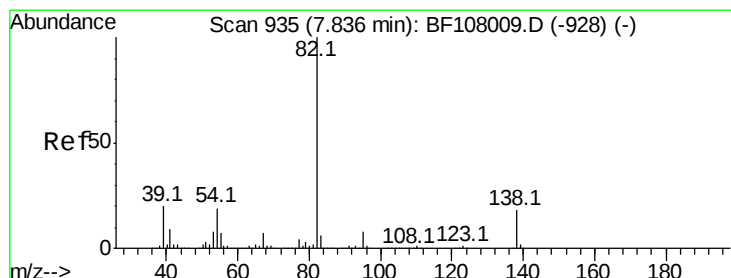
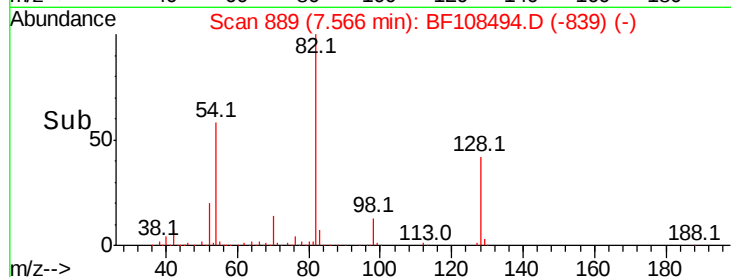
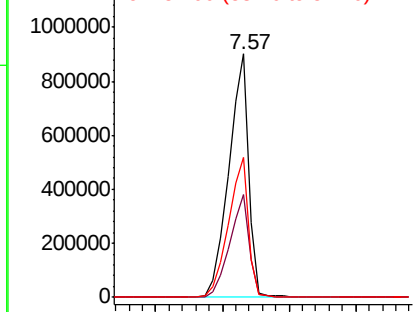
#23
 Nitrobenzene-d5
 Concen: 104.788 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	949080
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.1	54.1
54	57.6	41.4	62.2

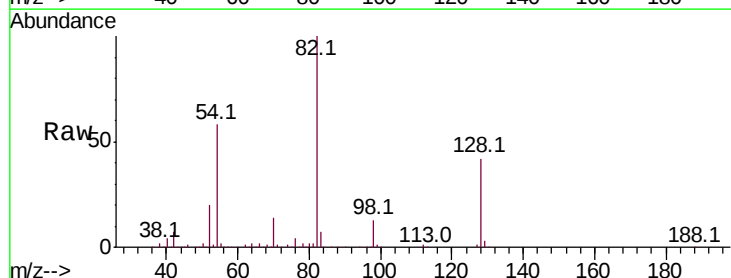


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

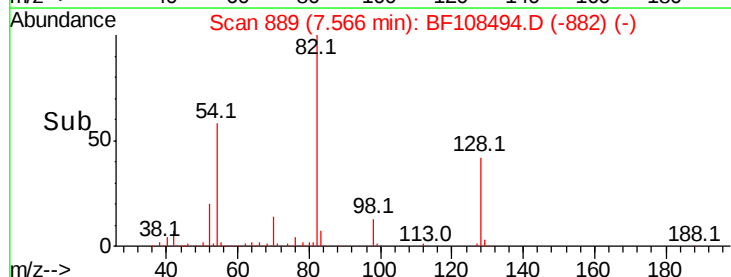
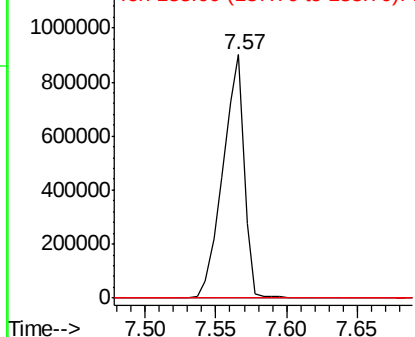


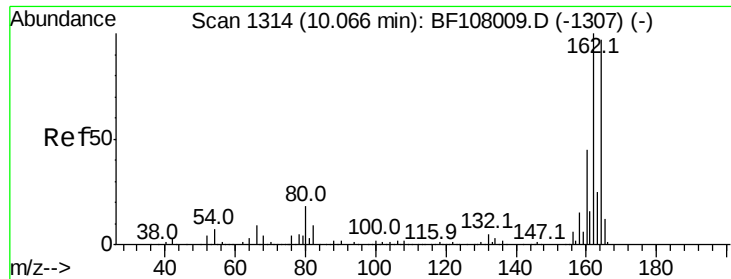
#25
 Isophorone
 Concen: 54.976 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Tgt Ion	82	Resp	949064
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

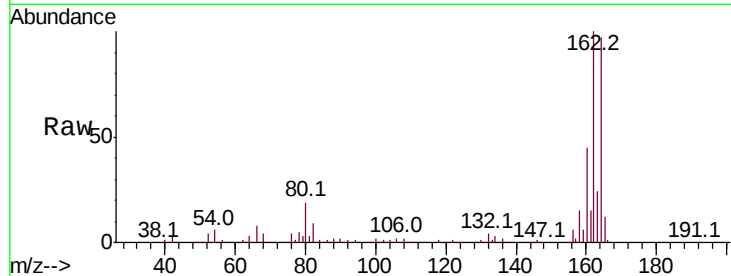




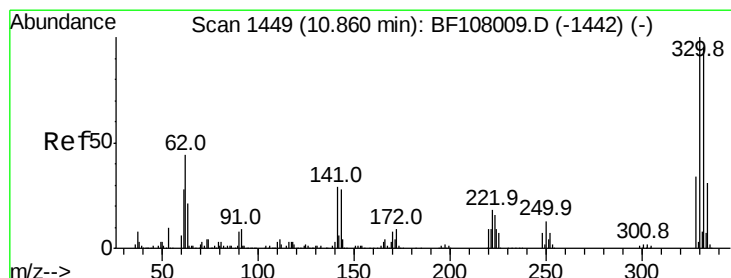
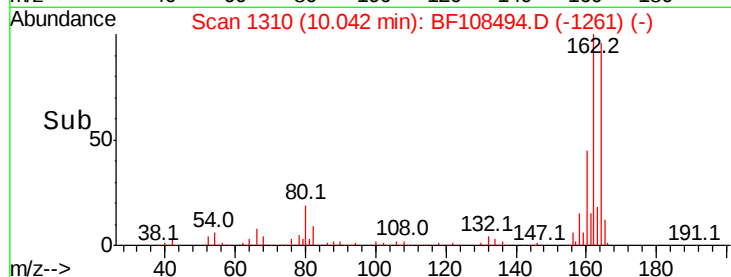
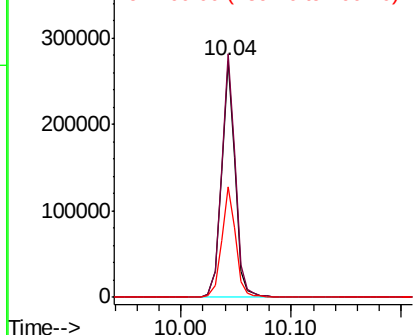
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 235362
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.5 38.3 57.5

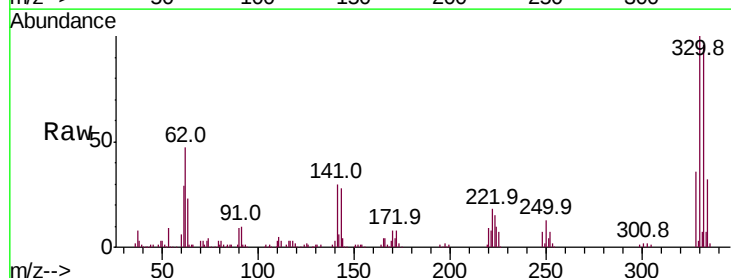


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

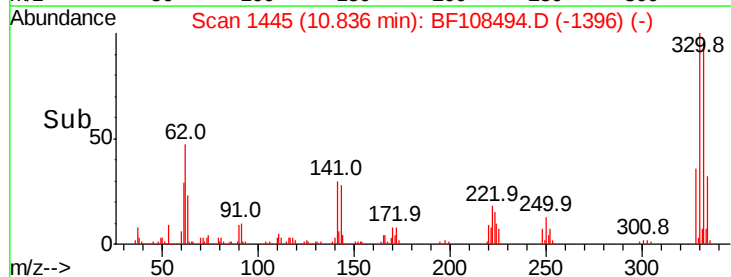
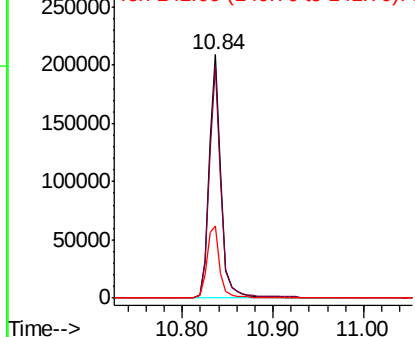


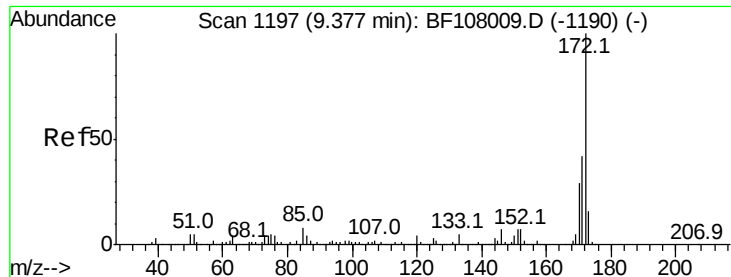
#41
 2,4,6-Tribromophenol
 Concen: 83.103 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Tgt Ion:330 Resp: 195099
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 32.3 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

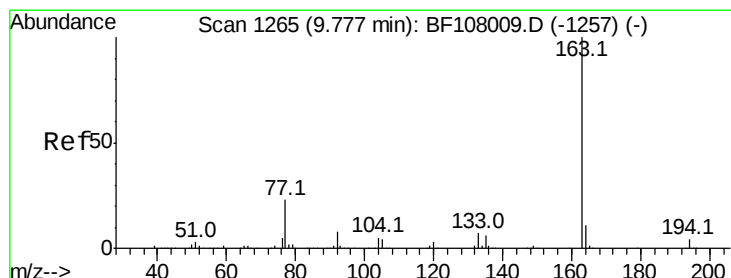
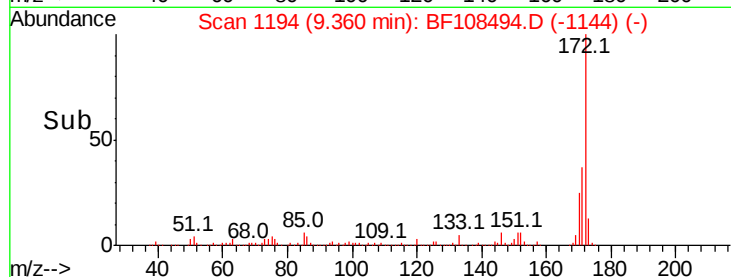
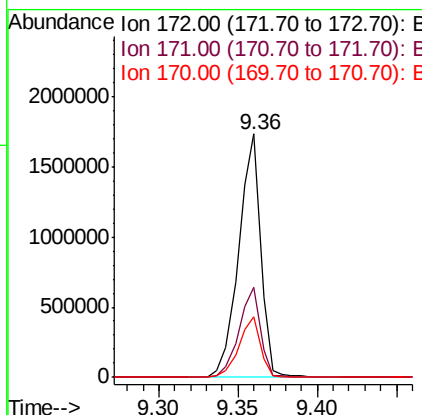
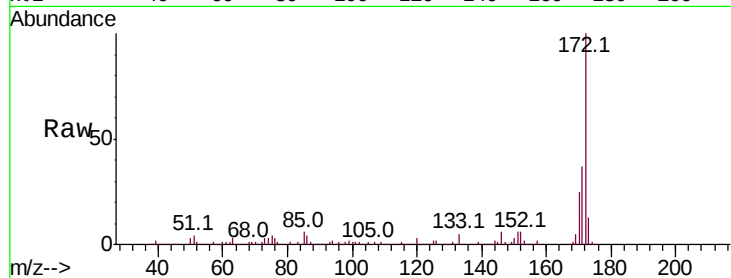




#44
2-Fluorobiphenyl
Concen: 113.610 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

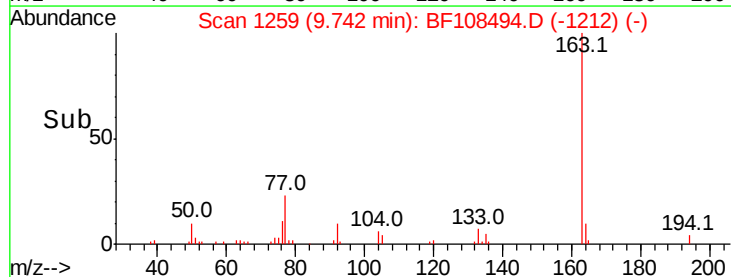
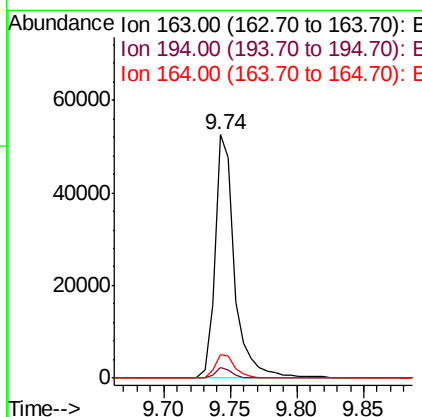
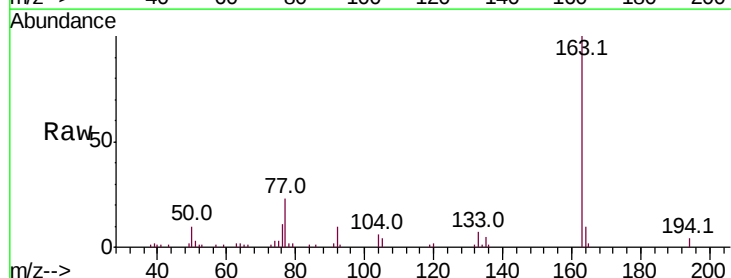
Instrument :
BNA_F
ClientSampleId :

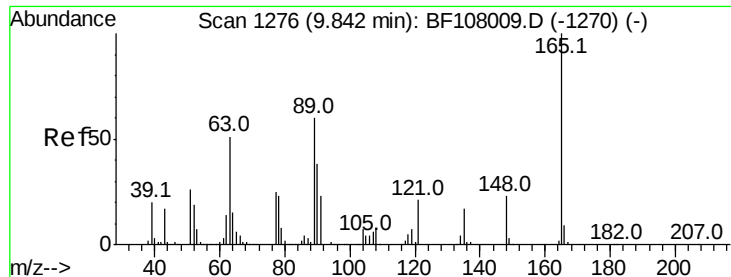
Tot Ion:172 Resp: 1665522
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.9 19.6 29.4



#49
Dimethylphthalate
Concen: 3.302 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Tgt Ion:163 Resp: 54131
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.7 8.2 12.2

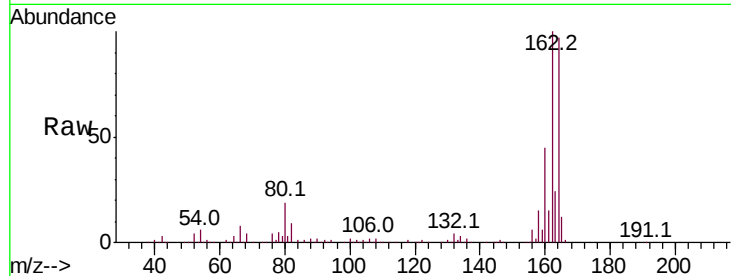




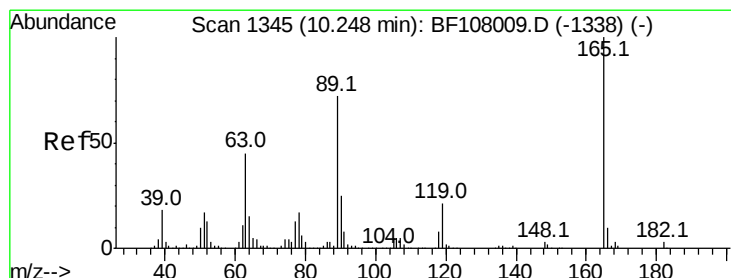
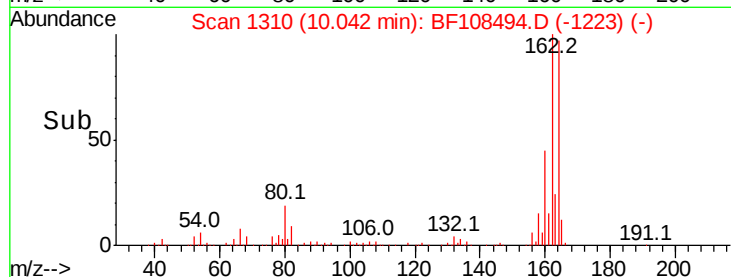
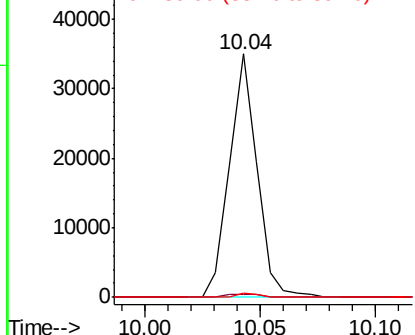
#50
 2,6-Dinitrotoluene
 Concen: 8.523 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



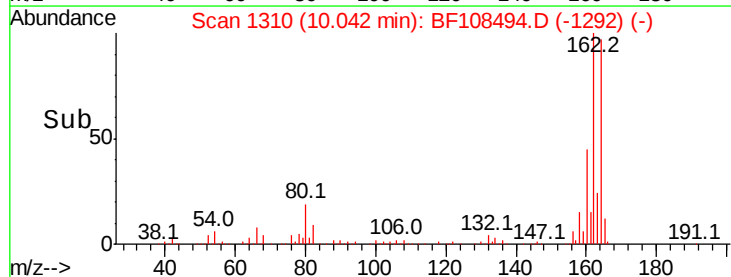
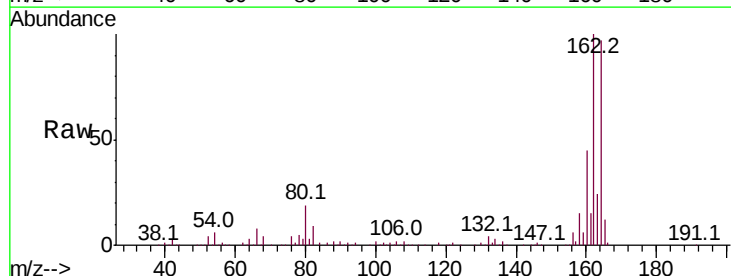
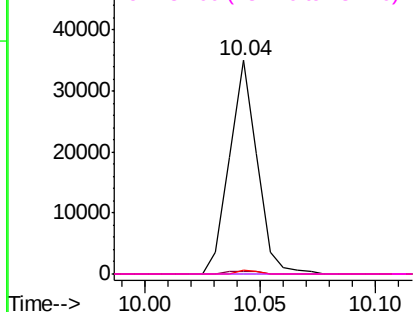
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

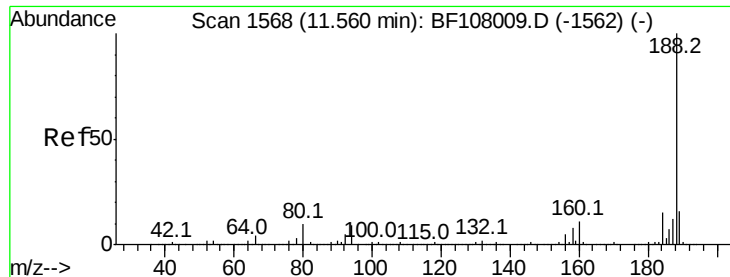


#56
 2,4-Dinitrotoluene
 Concen: 6.621 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	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

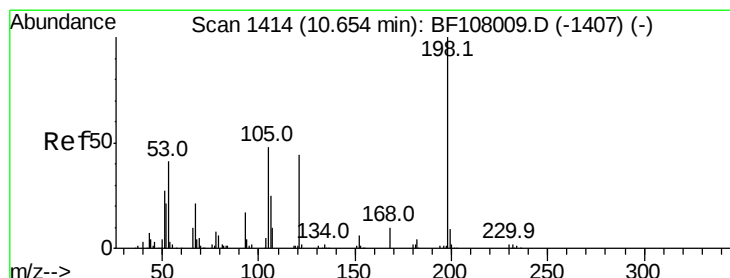
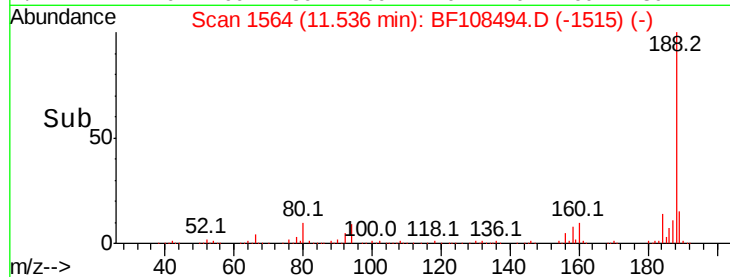
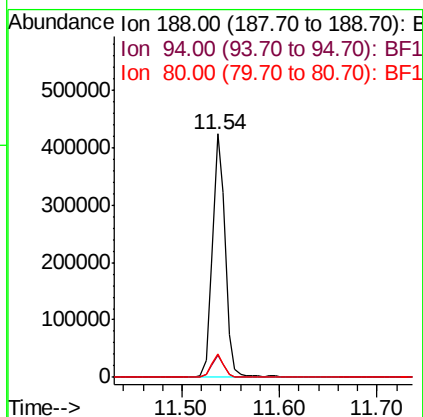
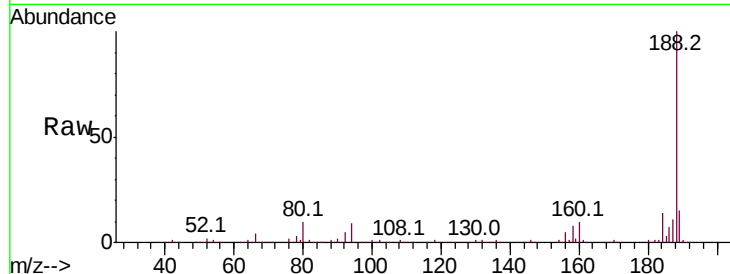




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

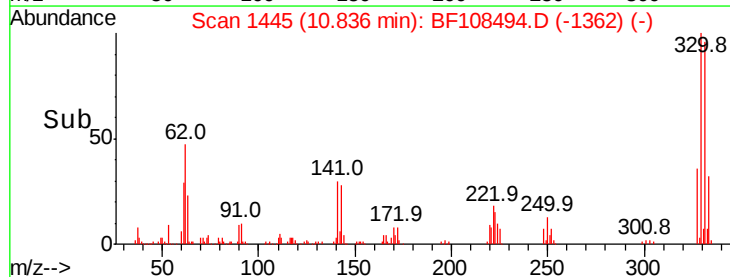
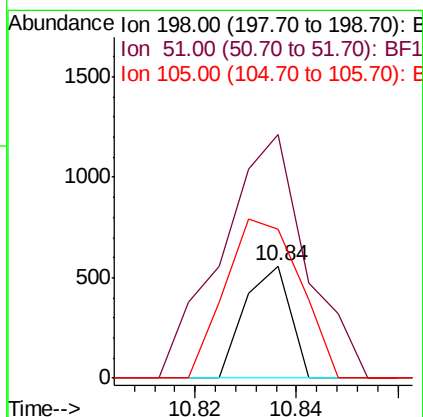
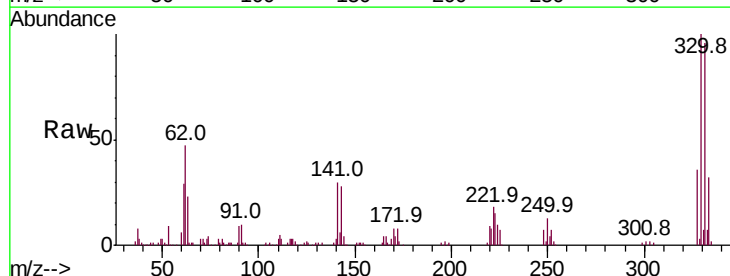
Instrument :
 BNA_F
 ClientSampleId :

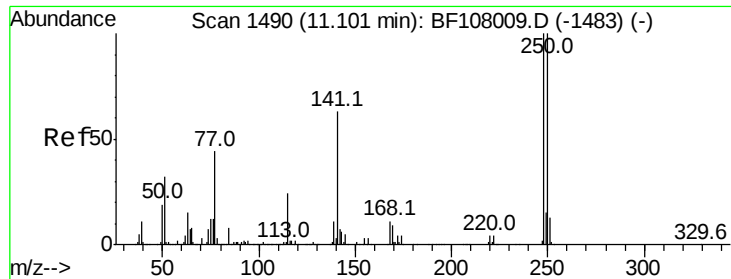
Tot Ion:188 Resp: 384629
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.571 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Tgt Ion:198 Resp: 346
 Ion Ratio Lower Upper
 198 100
 51 216.8 37.7 77.7#
 105 132.4 36.3 76.3#

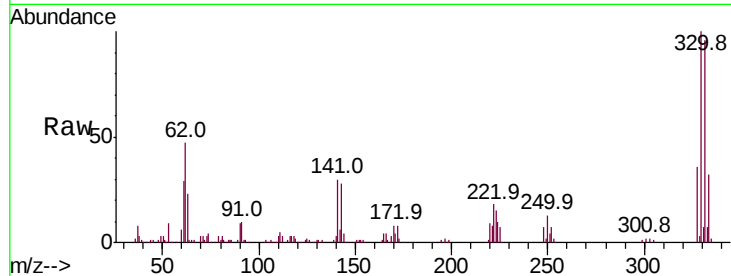




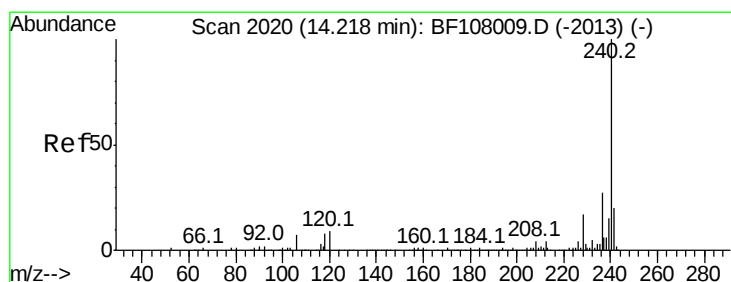
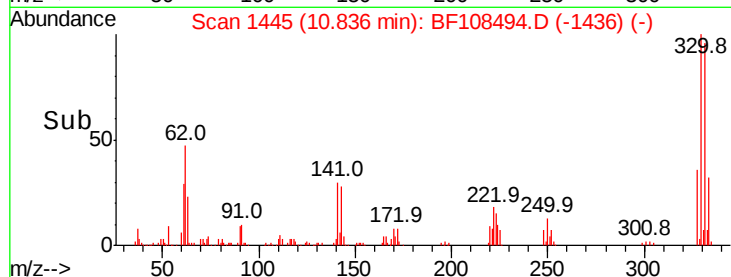
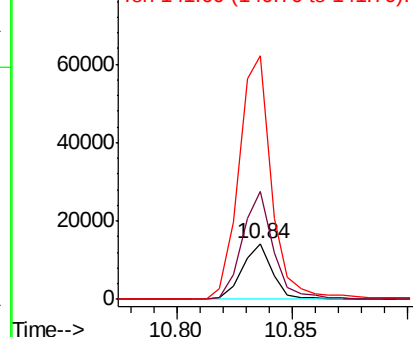
#66
4-Bromophenyl-phenylether
Concen: 3.105 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12977
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 436.1 74.4 111.6#

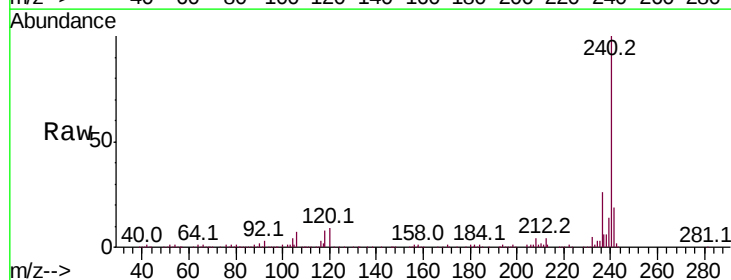


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

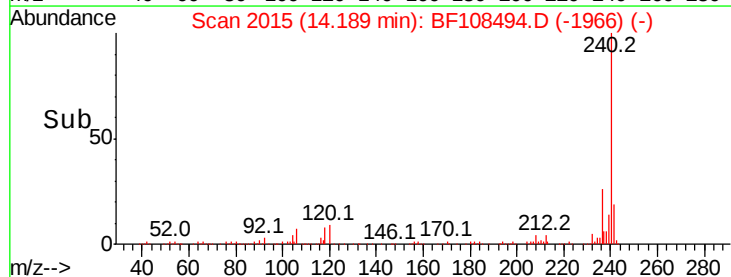
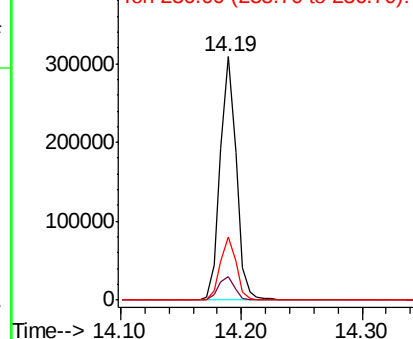


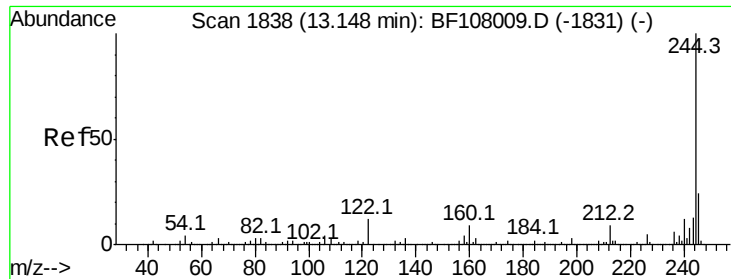
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108494.D
Acq: 25 Aug 2018 6:17

Tgt Ion:240 Resp: 282758
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.9 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

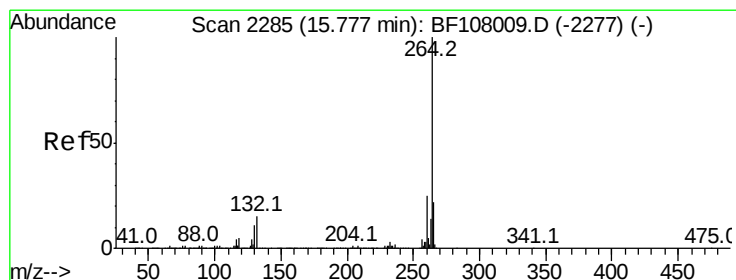
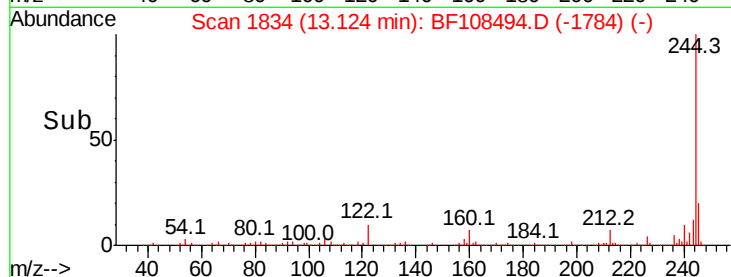
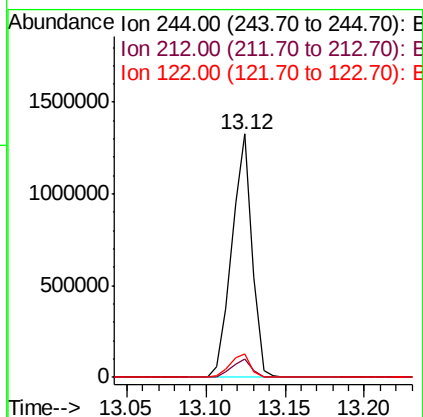
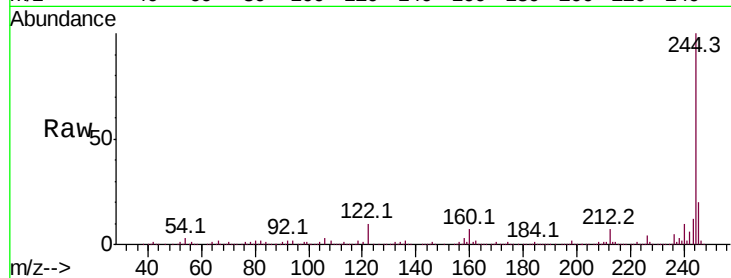




#78
 Terphenyl-d14
 Concen: 105.368 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1171792
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108494.D
 Acq: 25 Aug 2018 6:17

Tgt Ion:264 Resp: 276668
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.2 17.5 26.3

