

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108495.D
 Acq On : 25 Aug 2018 6:44
 Operator : JU/SJ
 Sample : J4582-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 01:35:38 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

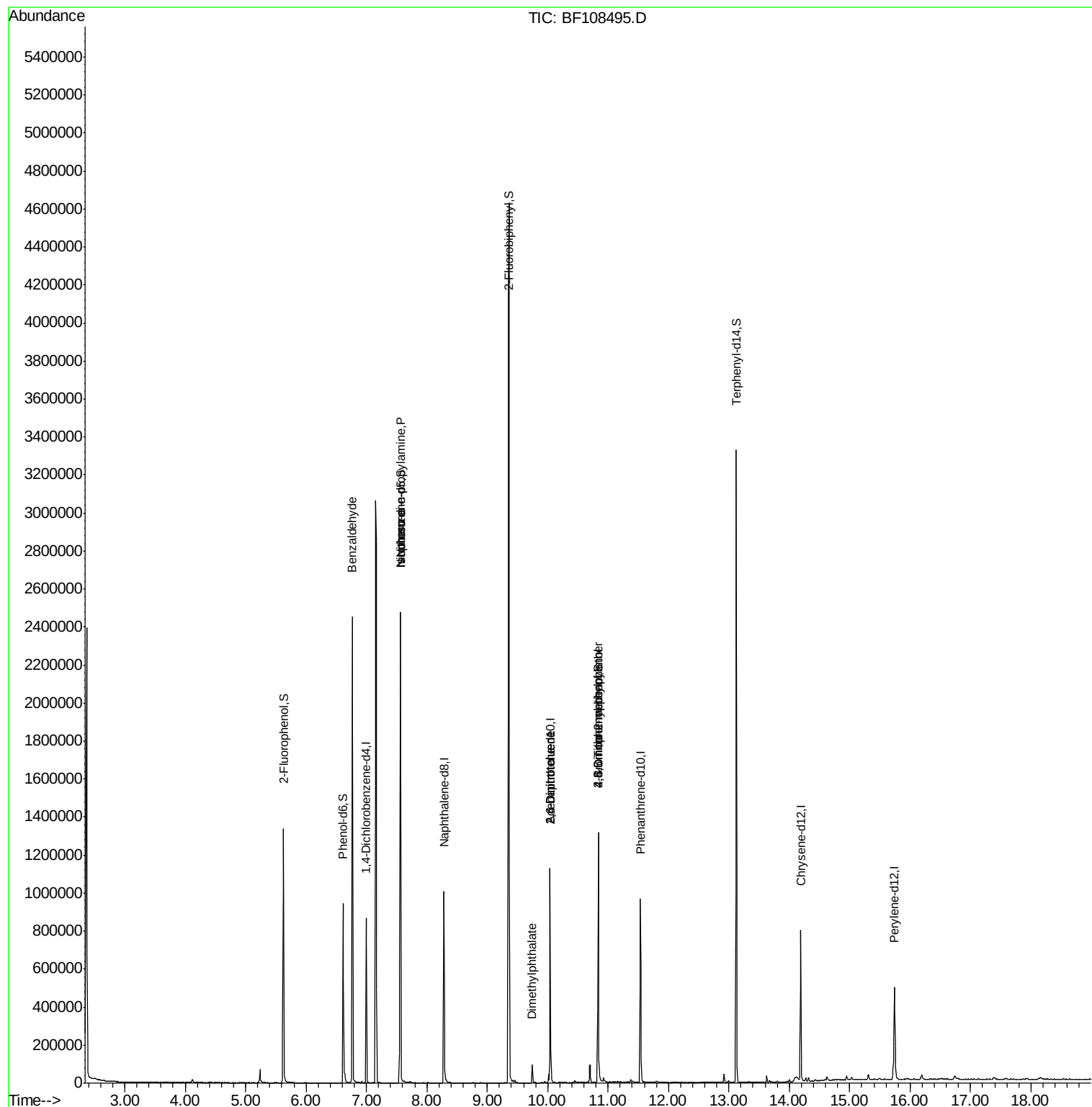
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127115	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	461698	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	213360	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	343762	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	268381	20.00	ng	-0.01
86) Perylene-d12	15.74	264	256878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323230	46.04	ng	0.00
7) Phenol-d6	6.61	99	269681	28.90	ng	-0.02
23) Nitrobenzene-d5	7.57	82	878060	106.12	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	169338	79.57	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1539143	115.82	ng	0.00
78) Terphenyl-d14	13.12	244	1102995	104.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	15002	2.074	ng	# 71
19) n-Nitroso-di-n-propylamine	7.57	70	118619	18.800	ng	# 81
25) Isophorone	7.57	82	878055	55.677	ng	# 64
49) Dimethylphthalate	9.75	163	46543	3.132	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	27031	8.693	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	27031	6.754	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	339	5.592	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10813	2.894	ng	# 1

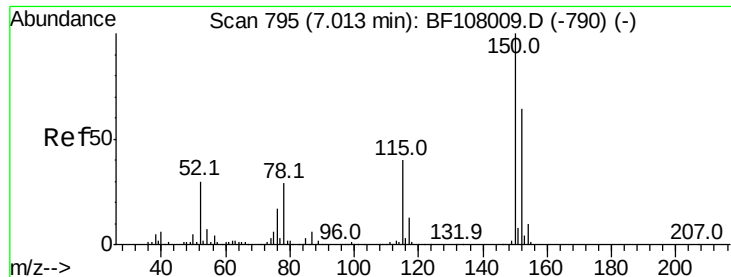
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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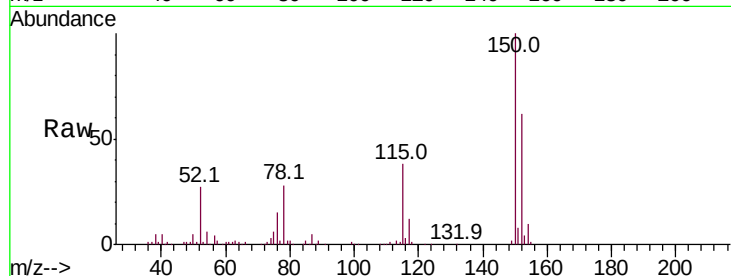


#1

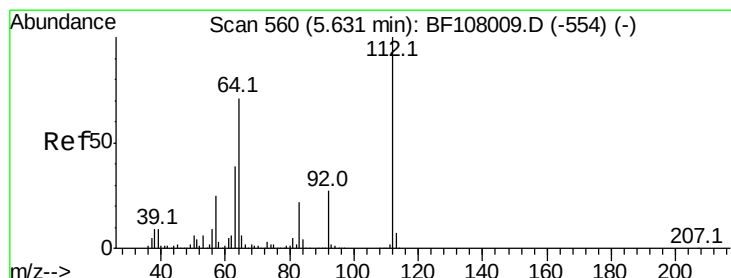
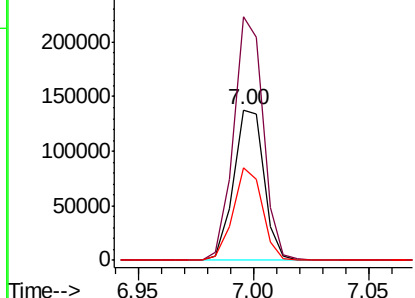
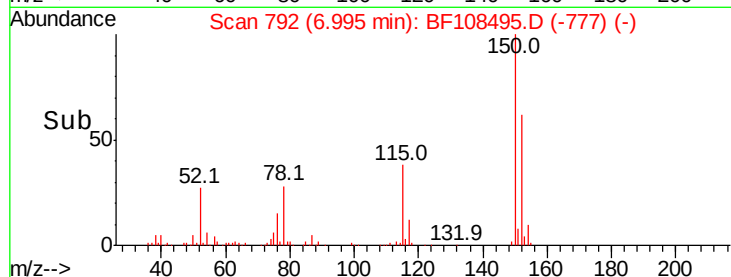
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	61.7	50.1	75.1



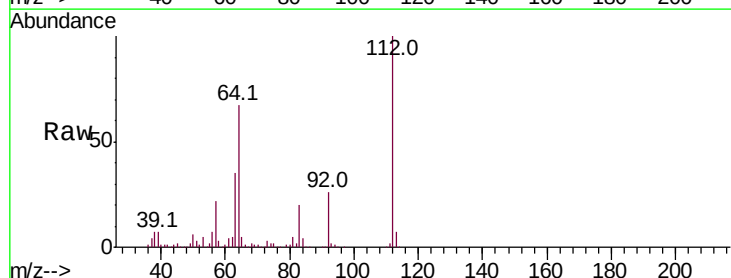
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



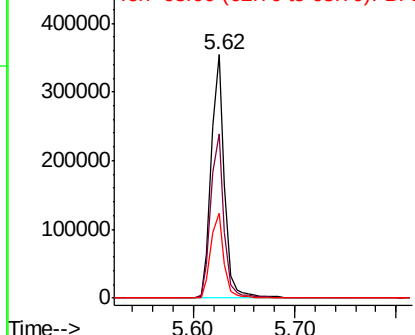
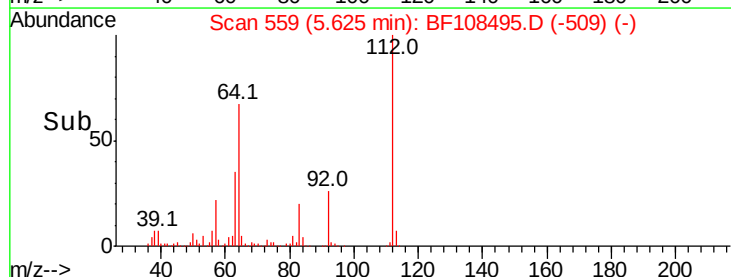
#5

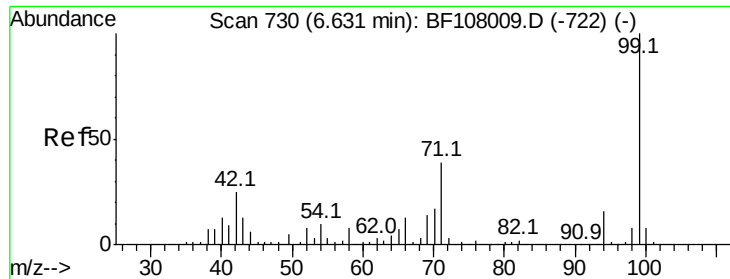
2-Fluorophenol
Concen: 46.037 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	34.9	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: 28.904 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108495.D

Acq: 25 Aug 2018 6:44

Instrument :

BNA_F

ClientSampleId :

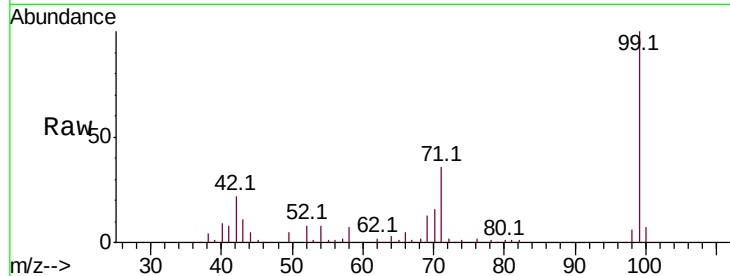
Tot Ion: 99 Resp: 269681

Ion Ratio Lower Upper

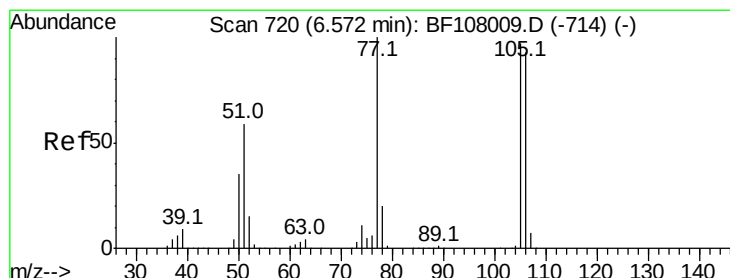
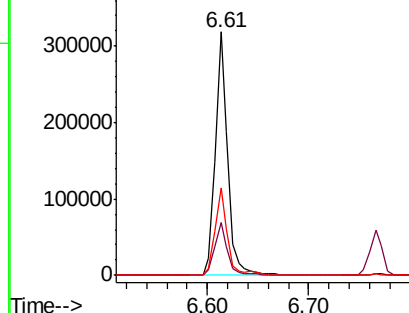
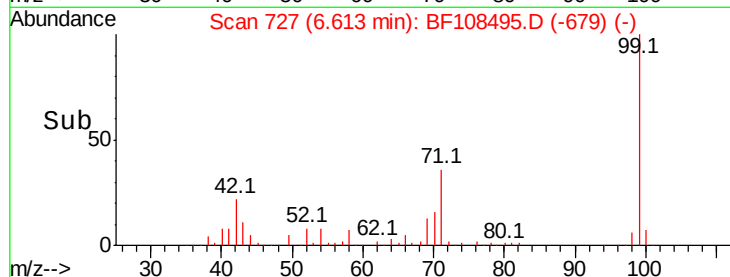
99 100

42 21.7 14.5 21.7

71 35.7 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: 2.074 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108495.D

Acq: 25 Aug 2018 6:44

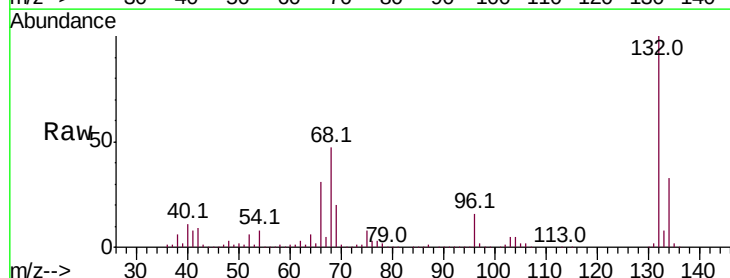
Tgt Ion: 77 Resp: 15002

Ion Ratio Lower Upper

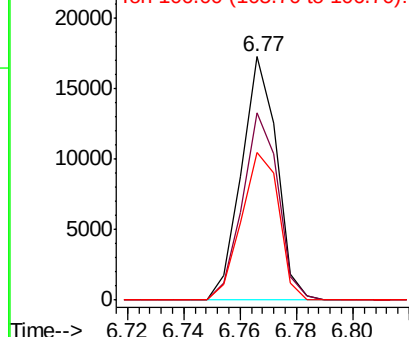
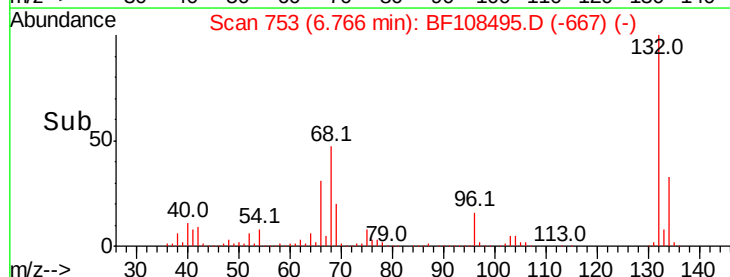
77 100

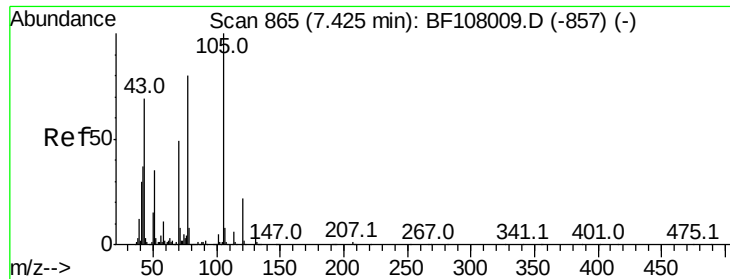
105 77.0 81.1 121.1#

106 60.9 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

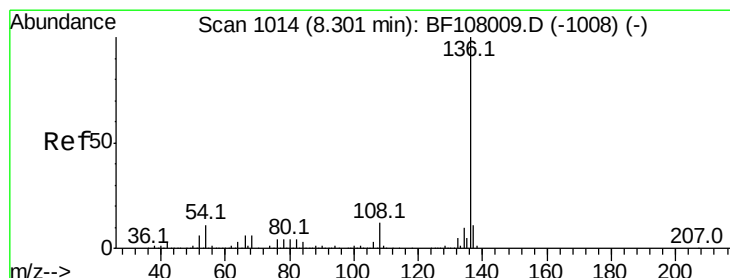
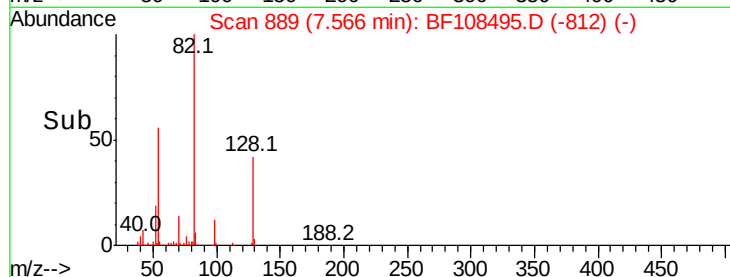
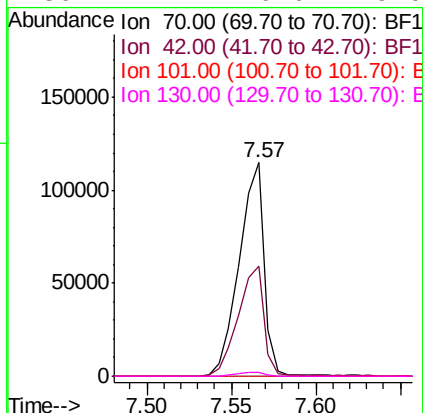
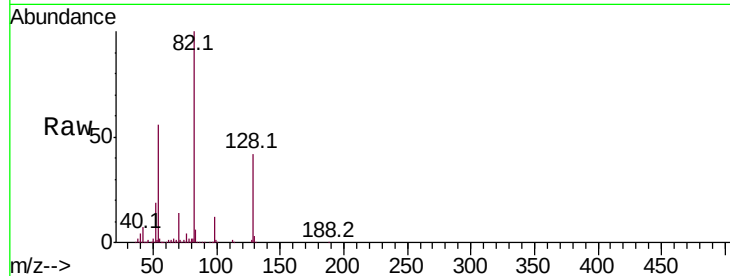




#19
n-Nitroso-di-n-propylamine
Concen: 18.800 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

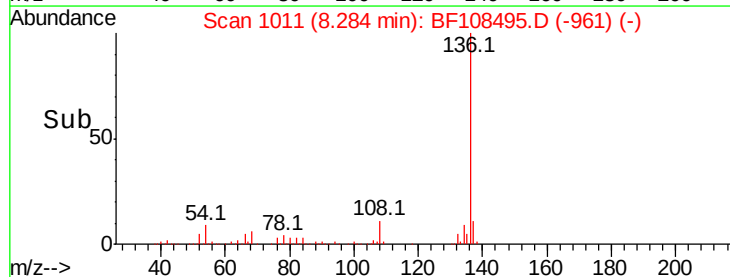
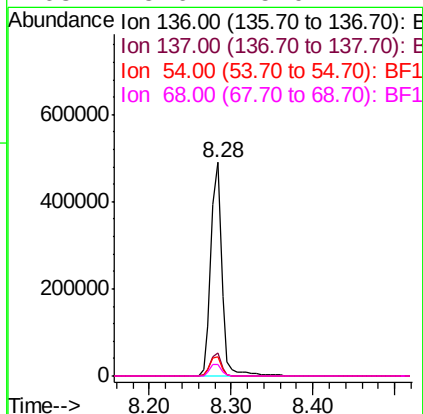
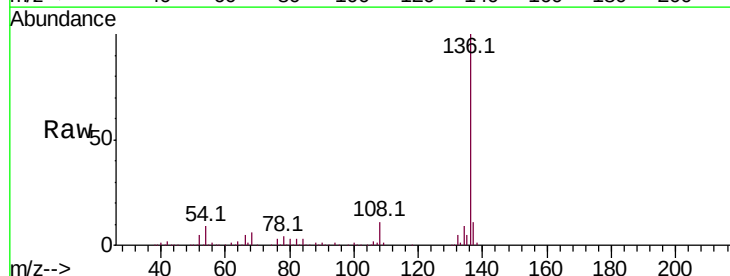
Instrument :
BNA_F
ClientSampleId :

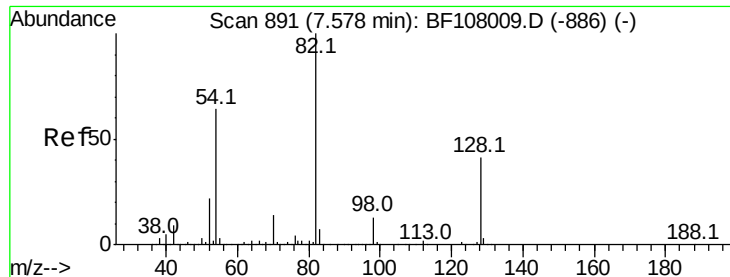
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	5.6	5.0	7.4

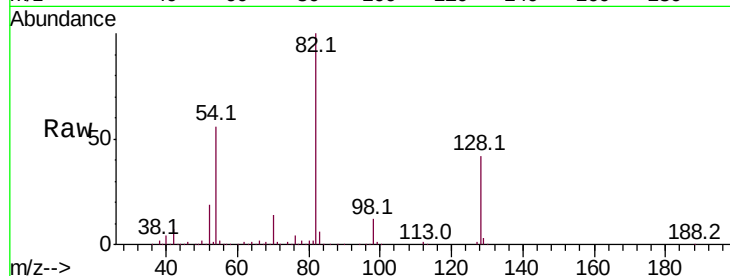




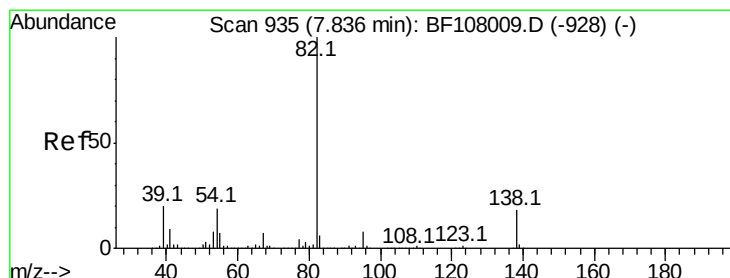
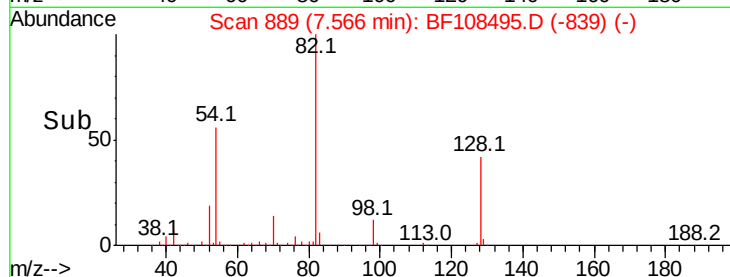
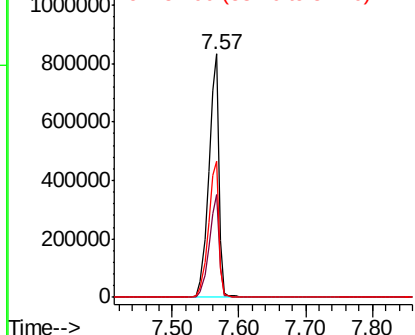
#23
Nitrobenzene-d5
Concen: 106.124 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	56.1	41.4	62.2

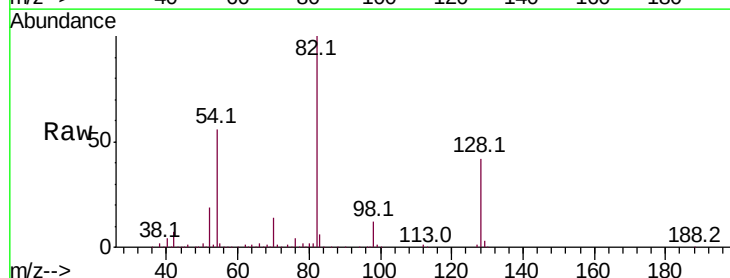


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

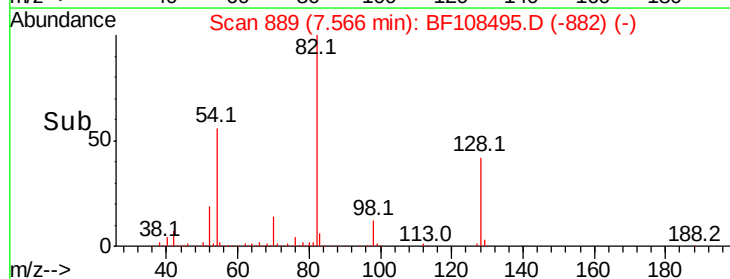
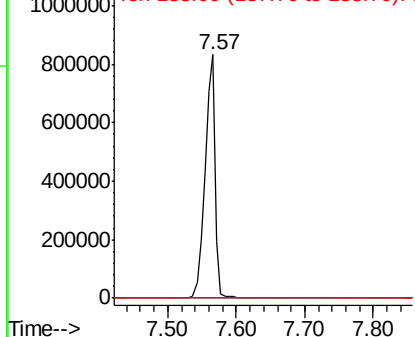


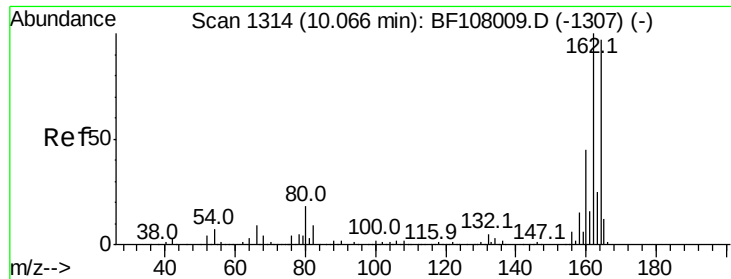
#25
Isophorone
Concen: 55.677 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108495.D
Acq: 25 Aug 2018 6:44

Tgt 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

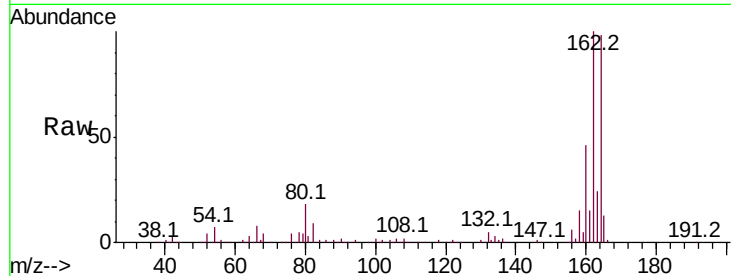




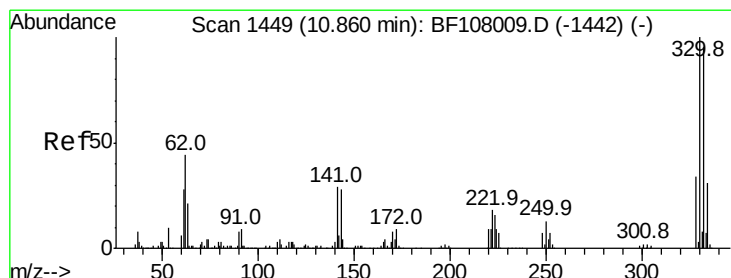
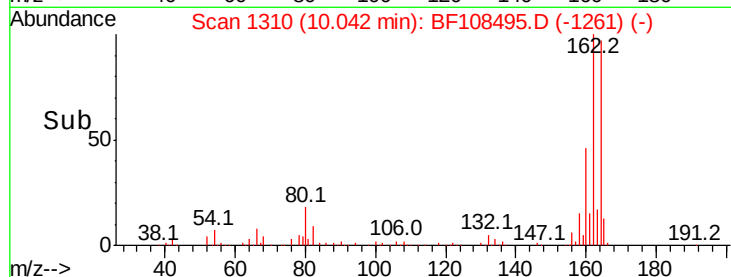
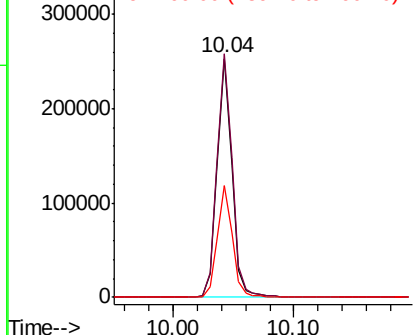
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 213360
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.7 38.3 57.5

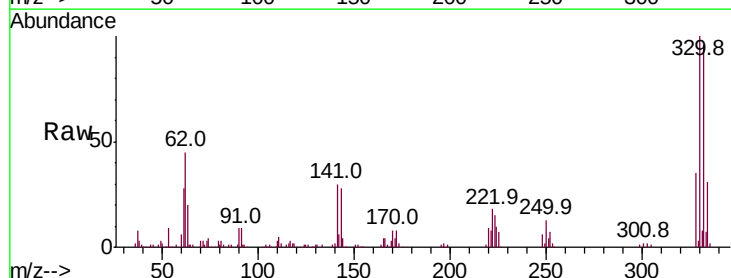


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

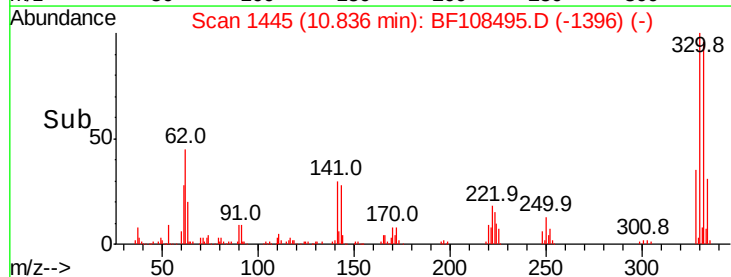
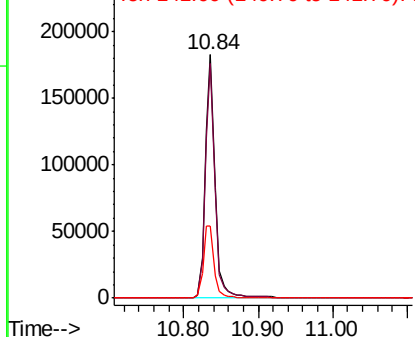


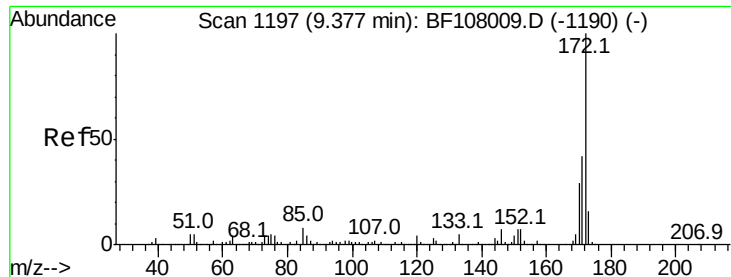
#41
 2,4,6-Tribromophenol
 Concen: 79.568 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Tgt Ion:330 Resp: 169338
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.3 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: 115.816 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108495.D

Acq: 25 Aug 2018 6:44

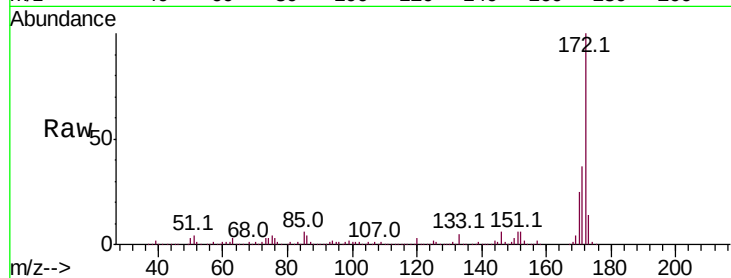
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1539143

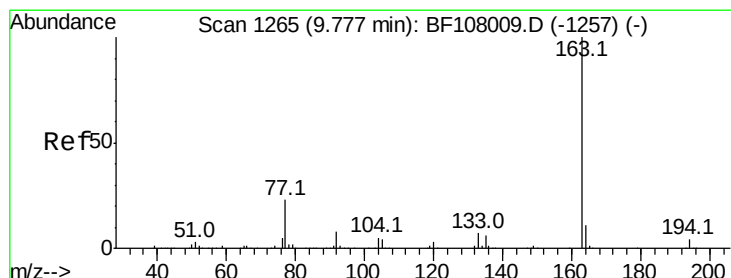
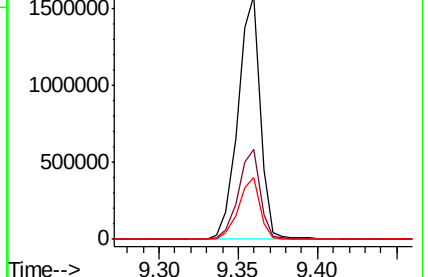
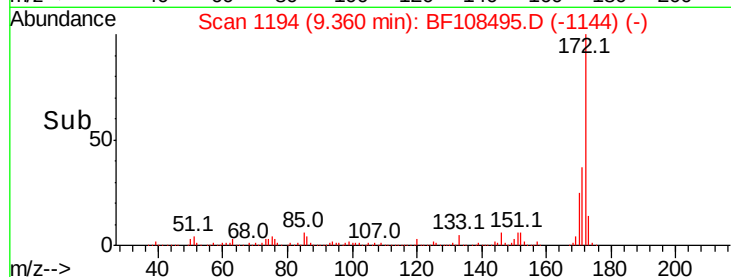
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.2	19.6	29.4



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: 3.132 ng

RT: 9.75 min Scan# 1260

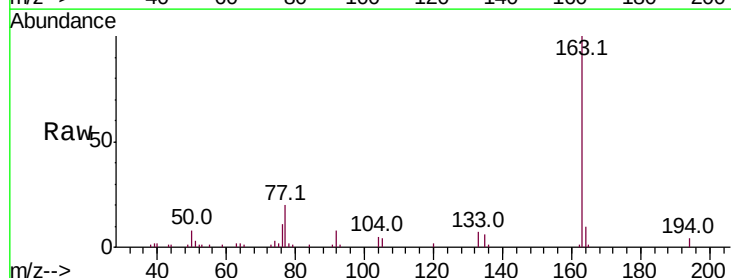
Delta R.T. -0.02 min

Lab File: BF108495.D

Acq: 25 Aug 2018 6:44

Tgt Ion:163 Resp: 46543

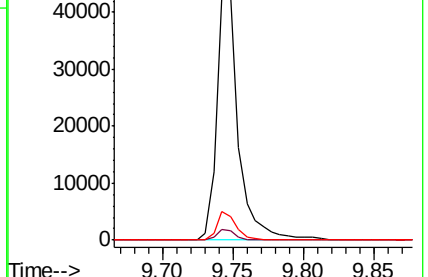
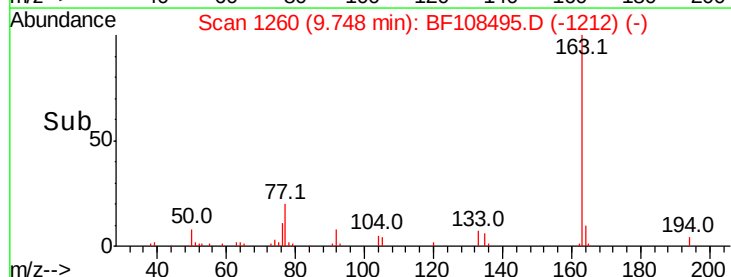
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2

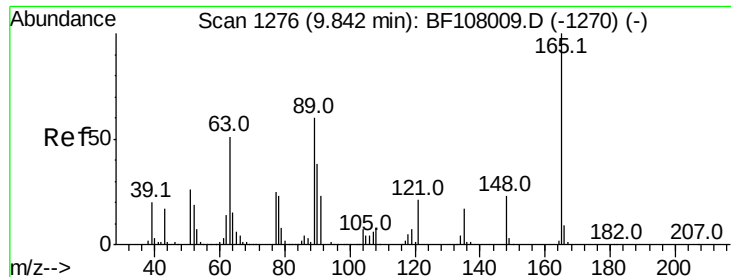


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

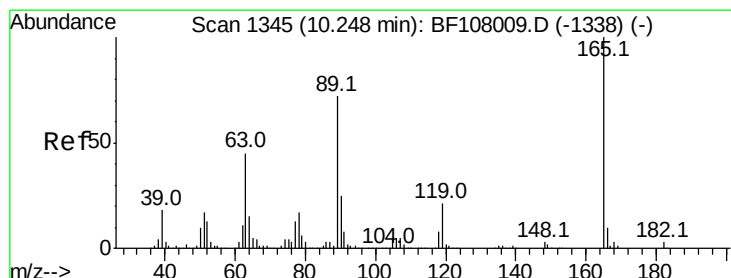
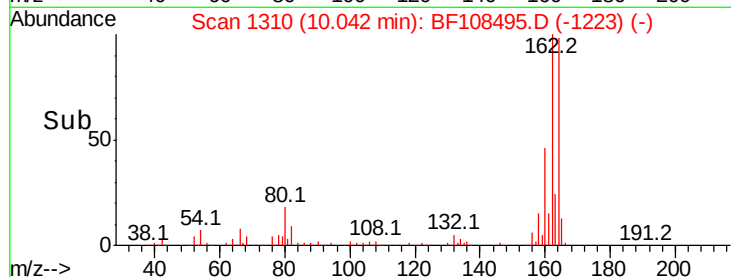
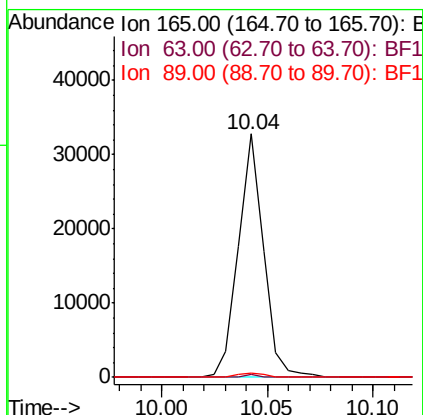
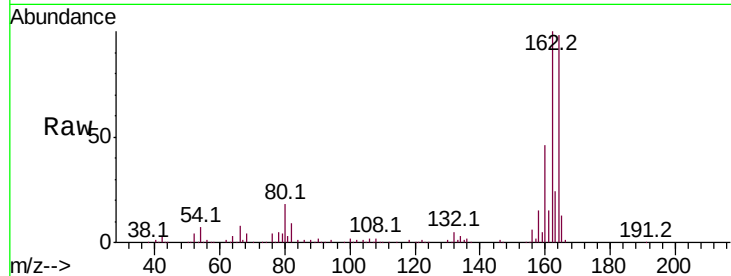




#50
 2,6-Dinitrotoluene
 Concen: 8.693 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

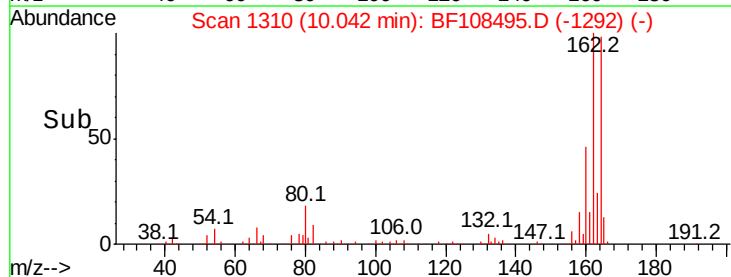
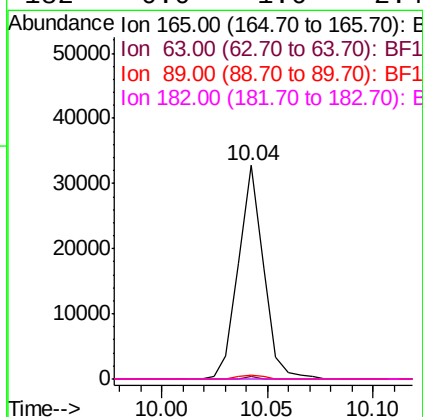
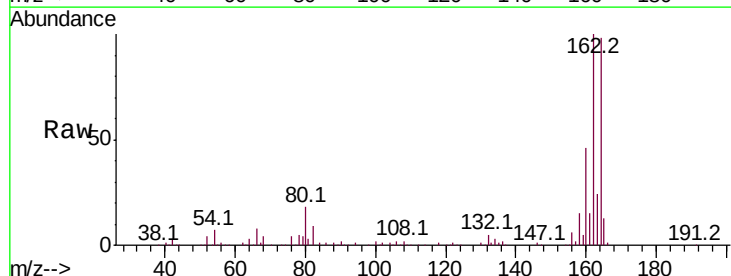
Instrument :
 BNA_F
 ClientSampleId :

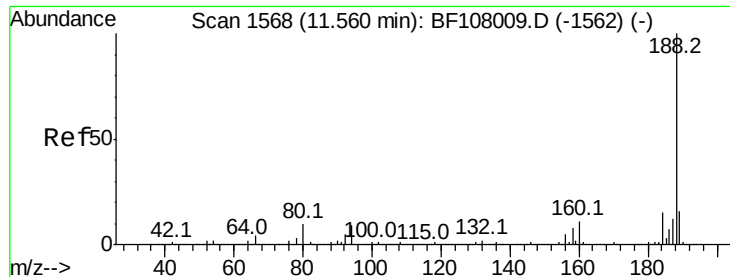
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.754 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

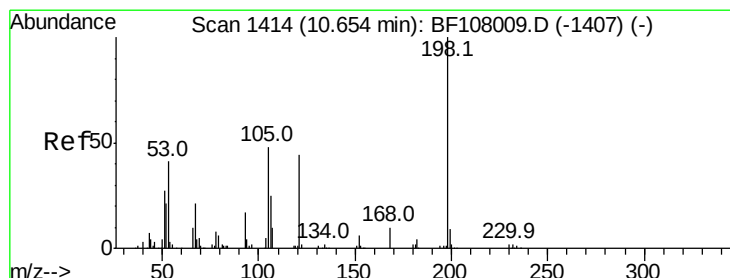
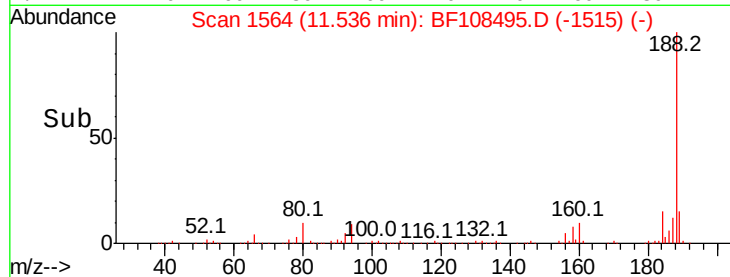
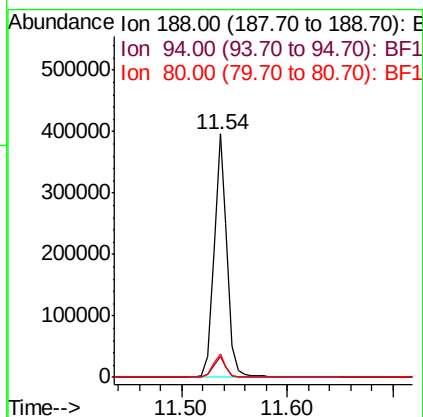
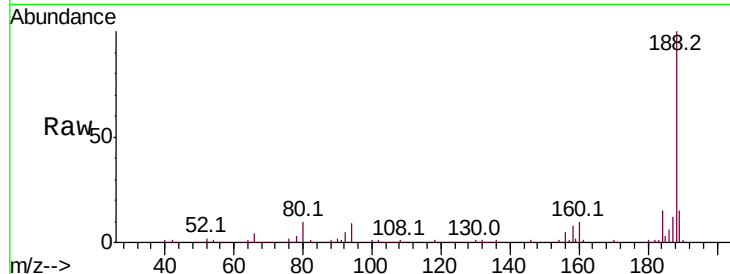




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

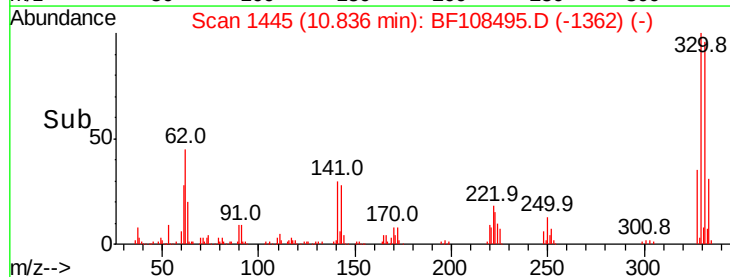
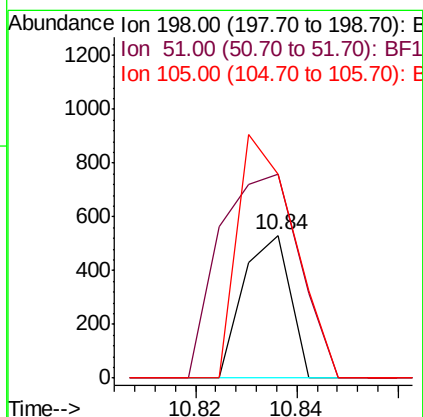
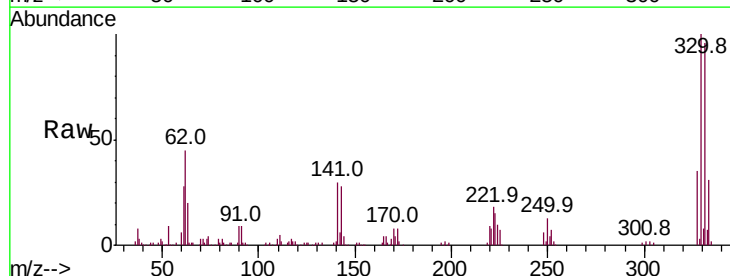
Instrument :
 BNA_F
 ClientSampleId :

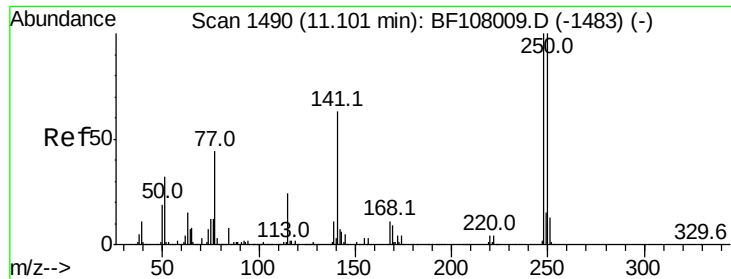
Tot Ion:188 Resp: 343762
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.592 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Tgt Ion:198 Resp: 339
 Ion Ratio Lower Upper
 198 100
 51 143.3 37.7 77.7#
 105 142.7 36.3 76.3#

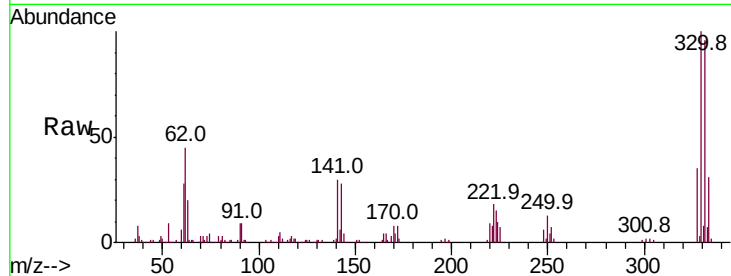




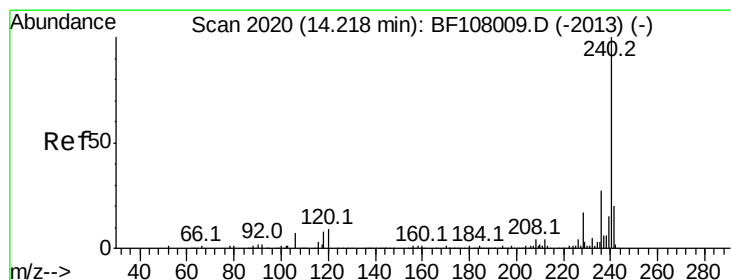
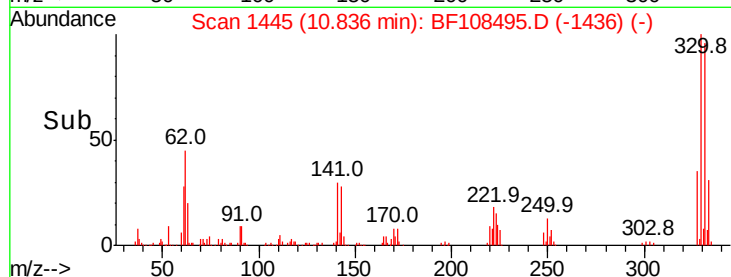
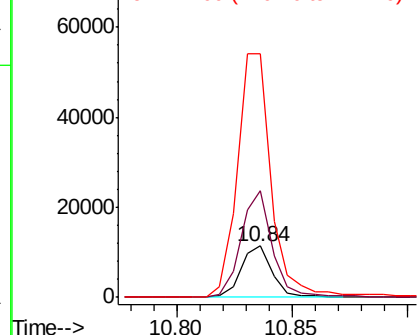
#66
 4-Bromophenyl-phenylether
 Concen: 2.894 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10813
 Ion Ratio Lower Upper
 248 100
 250 208.4 76.9 115.3#
 141 473.0 74.4 111.6#

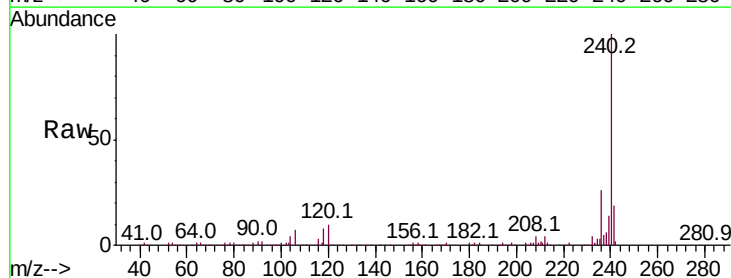


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

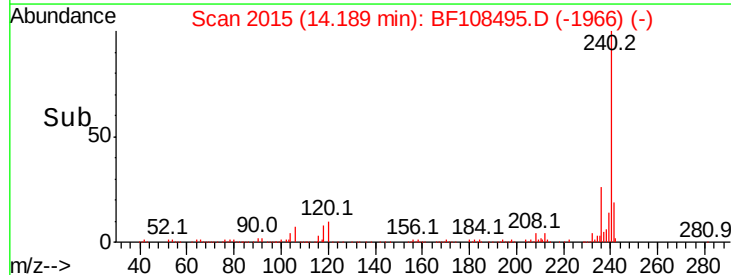
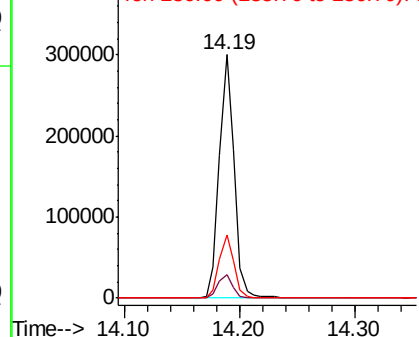


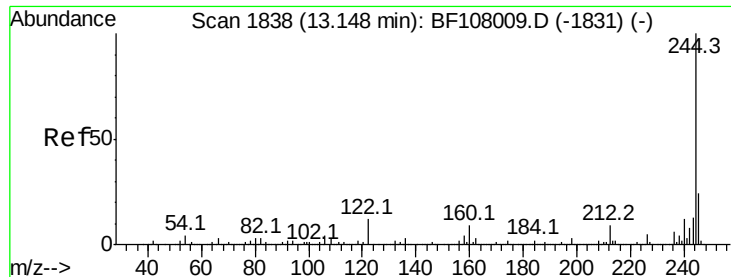
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Tgt Ion:240 Resp: 268381
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 26.2 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



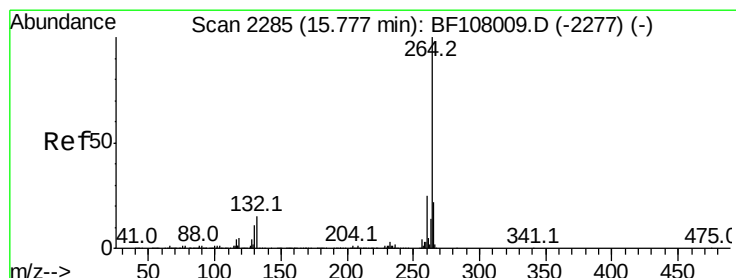
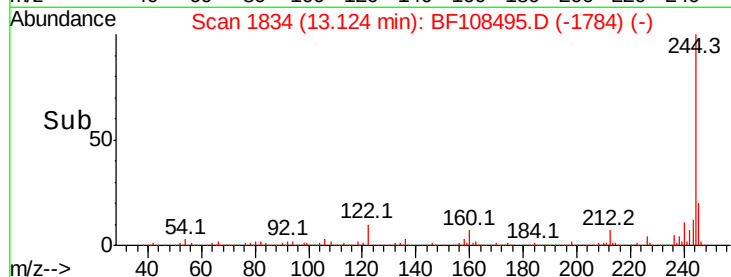
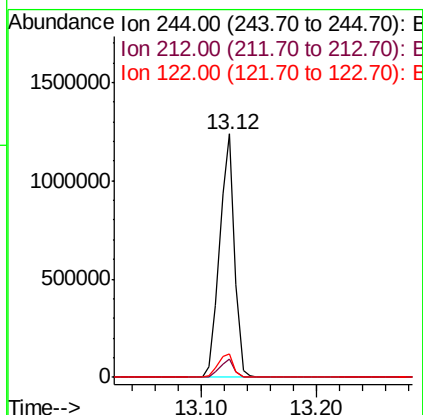
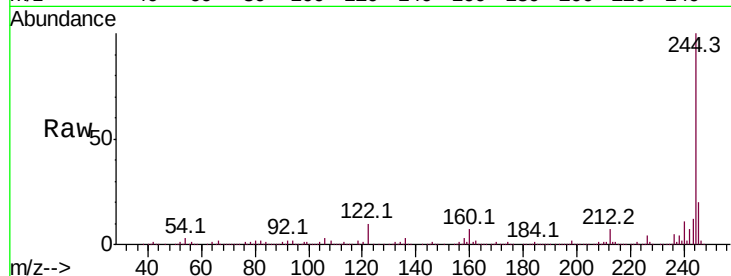


#78
 Terphenyl-d14
 Concen: 104.495 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108495.D
 Acq: 25 Aug 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1102995

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.8	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: BF108495.D
 Acq: 25 Aug 2018 6:44

Tgt Ion:264 Resp: 256878

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3

