

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108539.D
 Acq On : 28 Aug 2018 5:03
 Operator : JU/SJ
 Sample : J4659-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:12 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

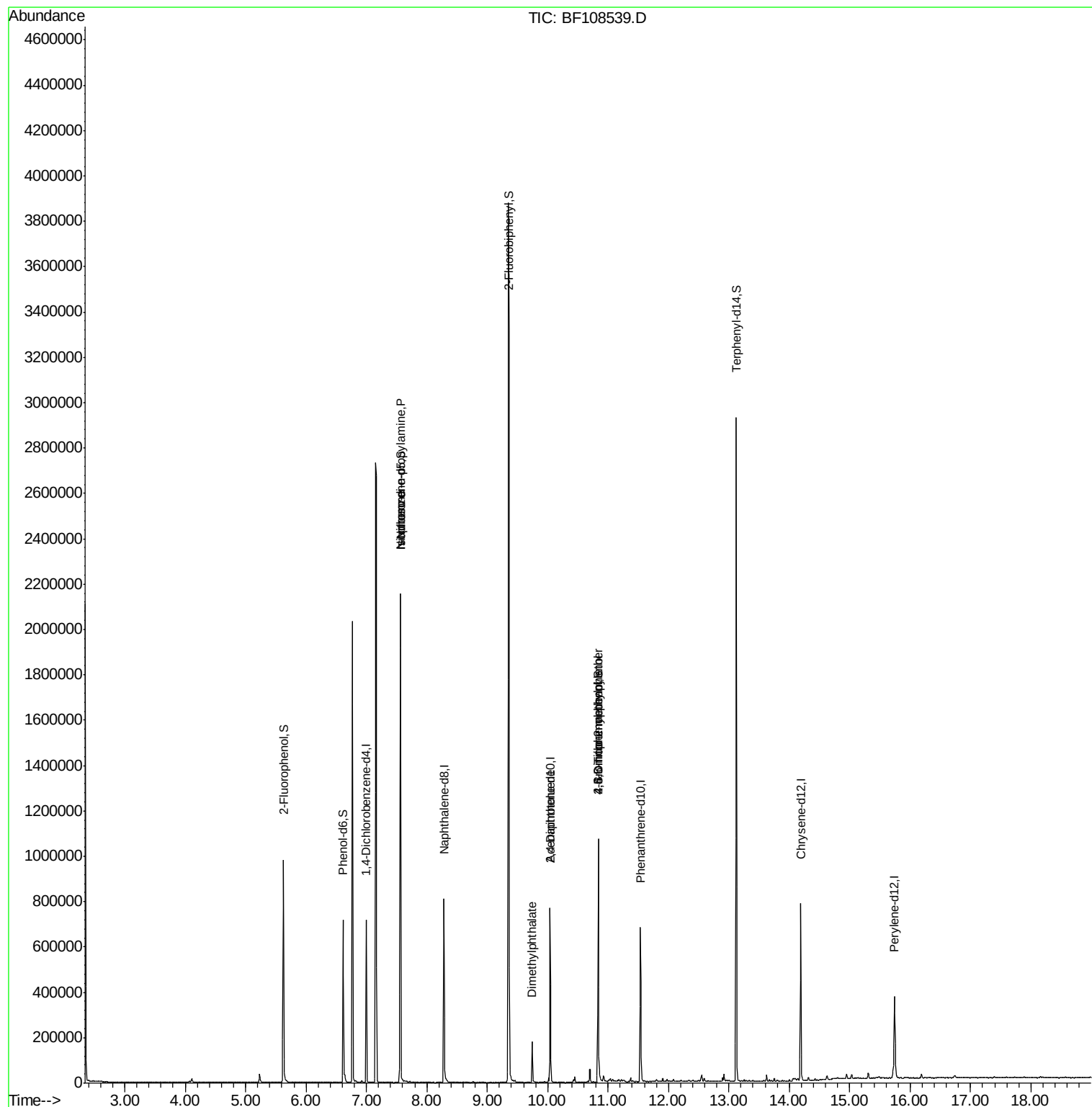
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106584	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	360480	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	145613	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	246857	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	268911	20.00	ng	-0.01
86) Perylene-d12	15.74	264	186764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	245536	41.71	ng	0.00
7) Phenol-d6	6.61	99	209760	26.81	ng	-0.02
23) Nitrobenzene-d5	7.57	82	722422	111.83	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	140481	96.72	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1233157	135.96	ng	-0.01
78) Terphenyl-d14	13.12	244	1030931	97.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	99089	18.730	ng	# 82
25) Isophorone	7.57	82	722519	58.679	ng	# 64
49) Dimethylphthalate	9.74	163	76495	7.542	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	18012	6.594	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	128	5.481	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9243	3.445	ng	# 1

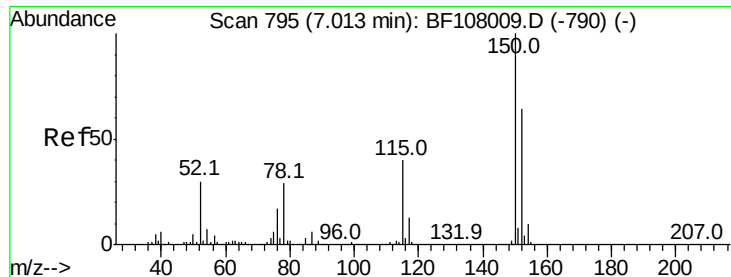
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108539.D
Acq On : 28 Aug 2018 5:03
Operator : JU/SJ
Sample : J4659-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 06:59:12 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



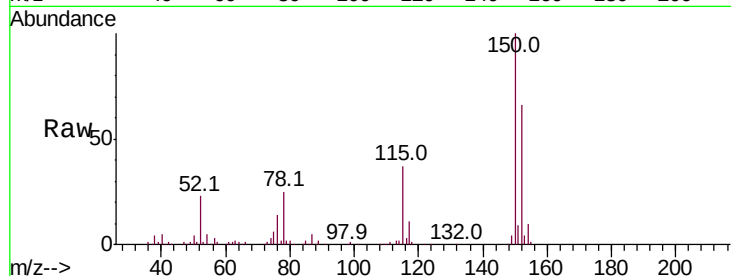


#1

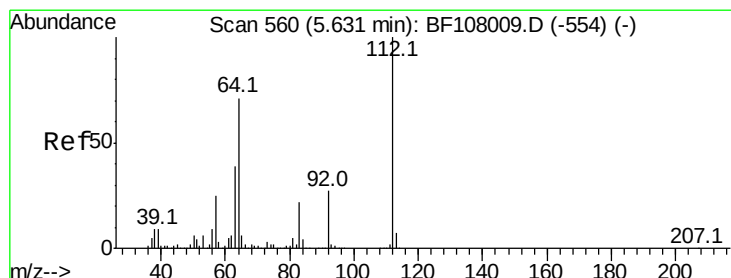
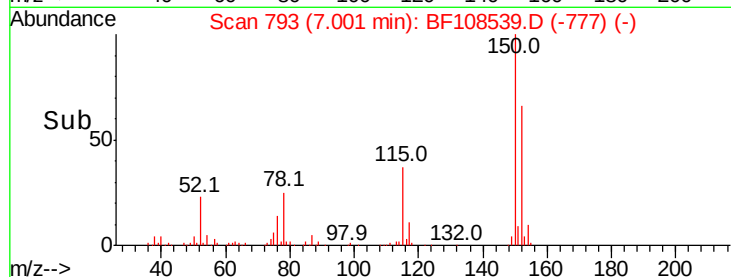
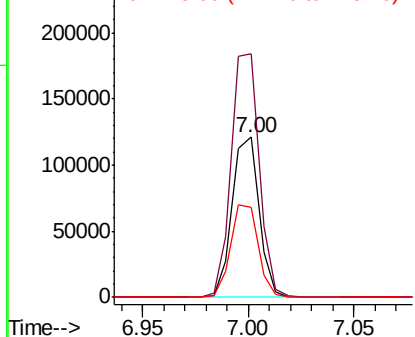
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	56.2	50.1	75.1



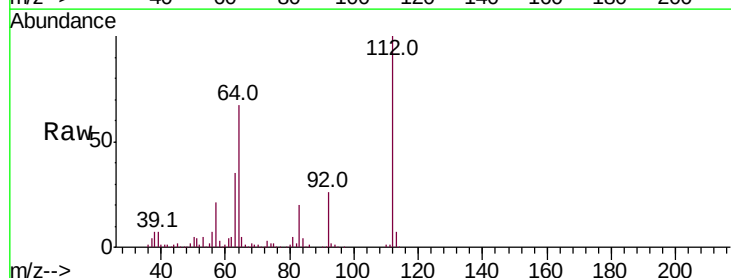
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



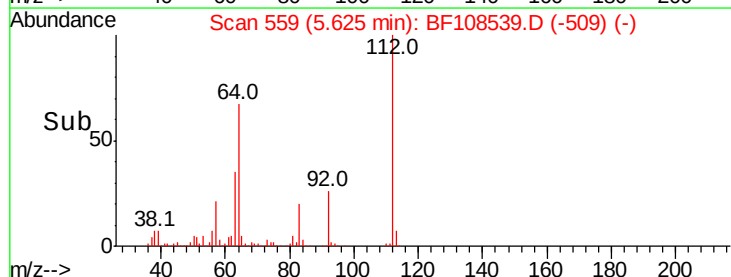
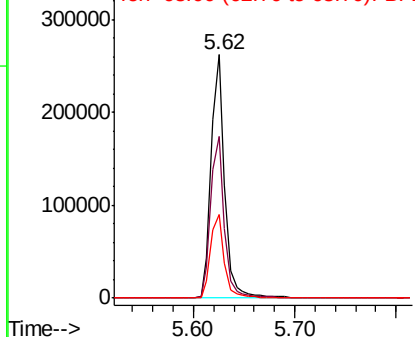
#5

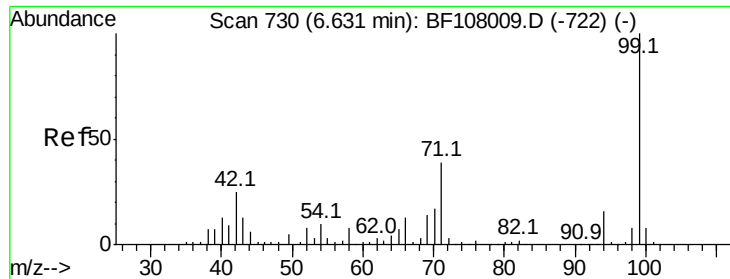
2-Fluorophenol
Concen: 41.707 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	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: 26.813 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108539.D

Acq: 28 Aug 2018 5:03

Instrument :

BNA_F

ClientSampleId :

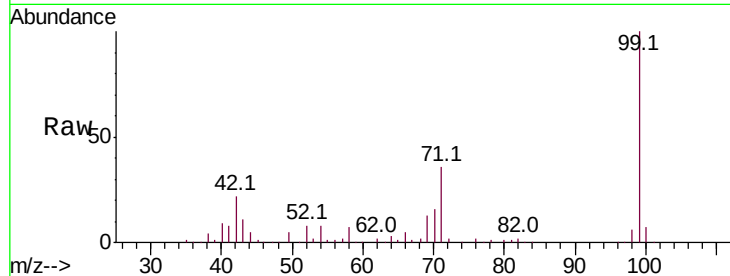
Tot Ion: 99 Resp: 209760

Ion Ratio Lower Upper

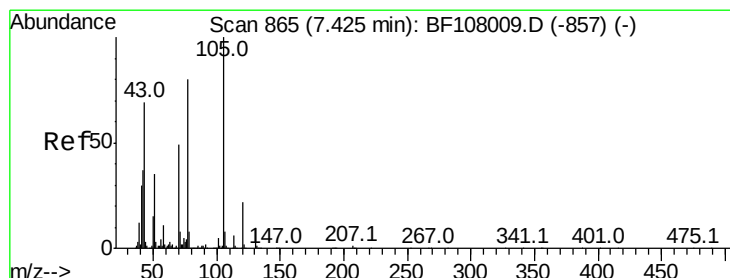
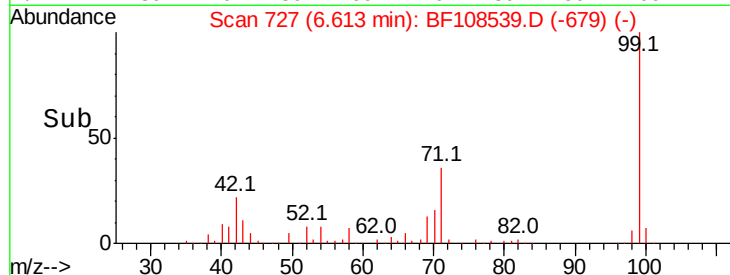
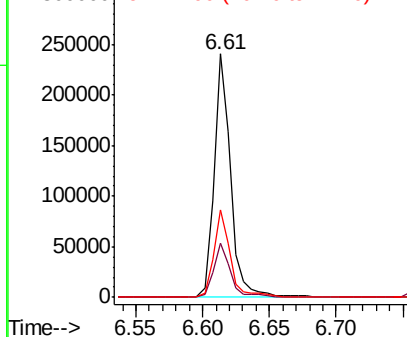
99 100

42 22.4 14.5 21.7#

71 35.8 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: 18.730 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108539.D

Acq: 28 Aug 2018 5:03

Tgt Ion: 70 Resp: 99089

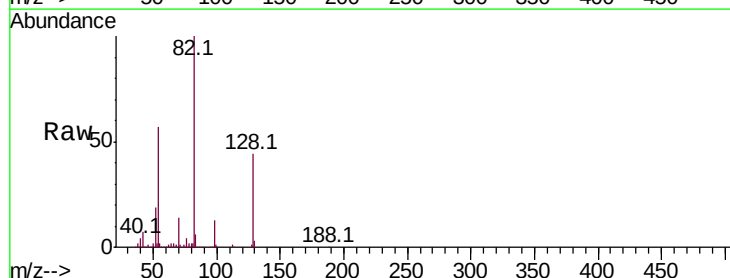
Ion Ratio Lower Upper

70 100

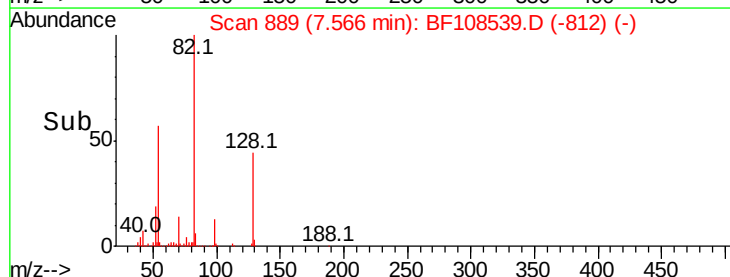
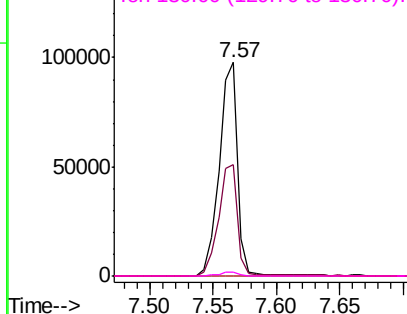
42 52.2 47.5 71.3

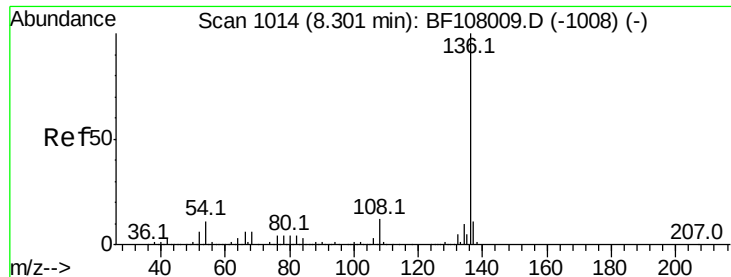
101 0.0 7.4 11.2#

130 1.9 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108539.D

Acq: 28 Aug 2018 5:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 360480

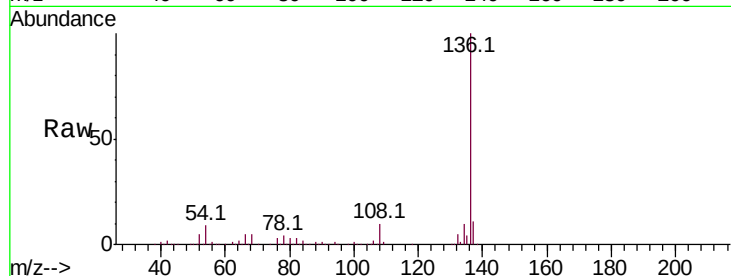
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 5.4 5.0 7.4

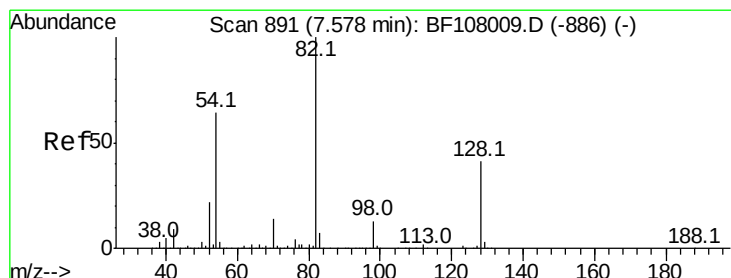
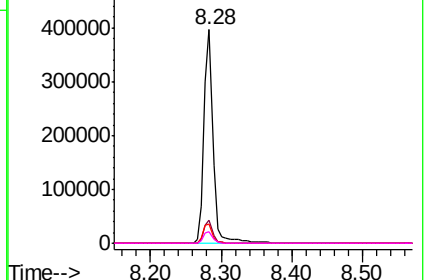
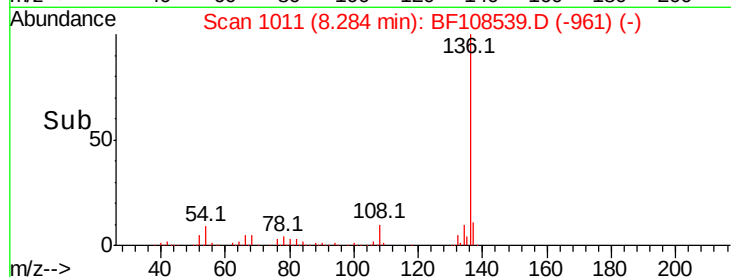


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.829 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108539.D

Acq: 28 Aug 2018 5:03

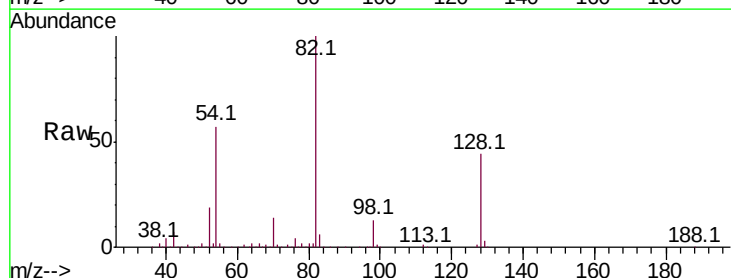
Tgt Ion: 82 Resp: 722422

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

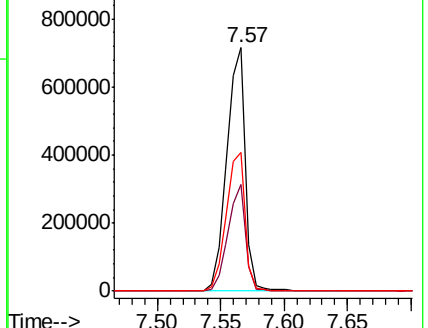
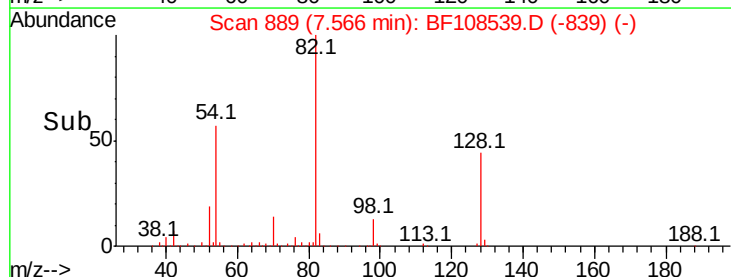
54 57.1 41.4 62.2

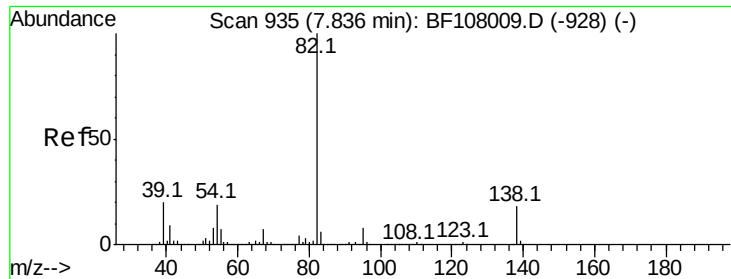


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.679 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108539.D

Acq: 28 Aug 2018 5:03

Instrument :

BNA_F

ClientSampled :

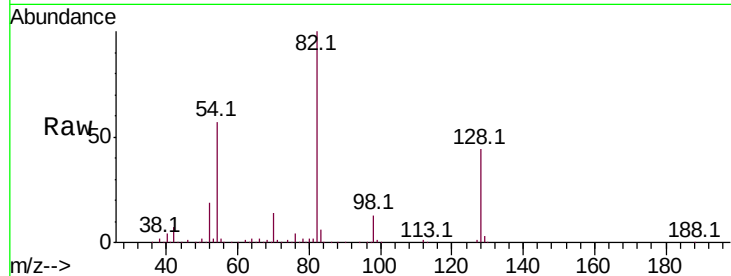
Tot Ion: 82 Resp: 722519

Ion Ratio Lower Upper

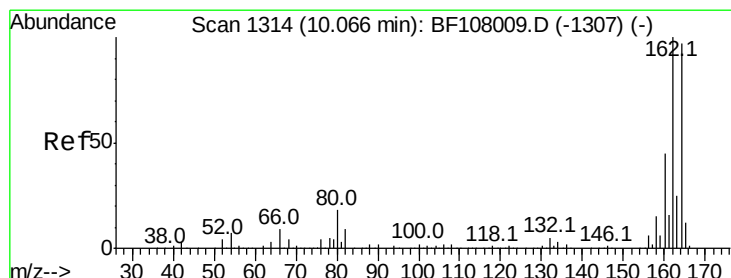
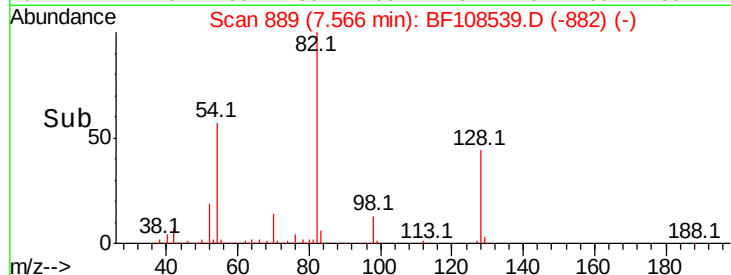
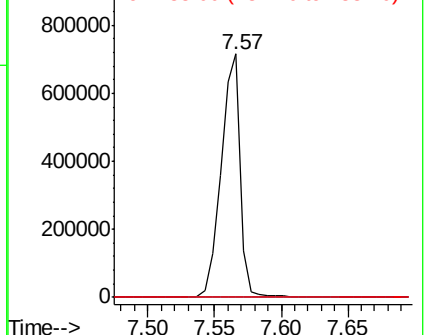
82 100

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: BF108539.D

Acq: 28 Aug 2018 5:03

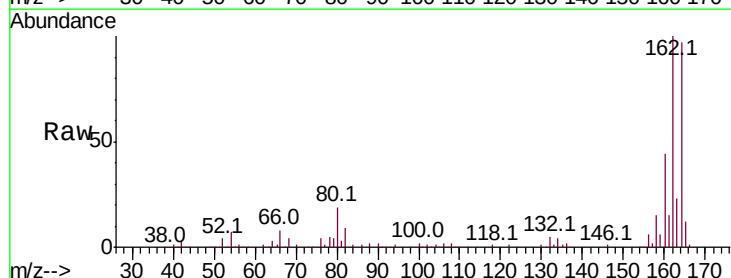
Tgt Ion: 164 Resp: 145613

Ion Ratio Lower Upper

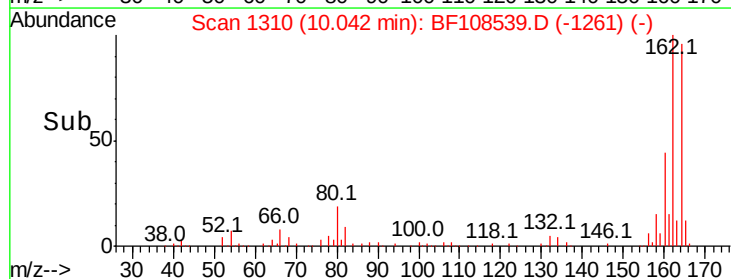
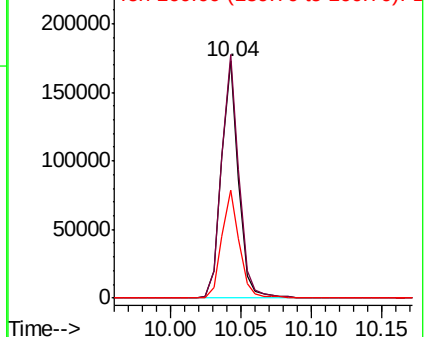
164 100

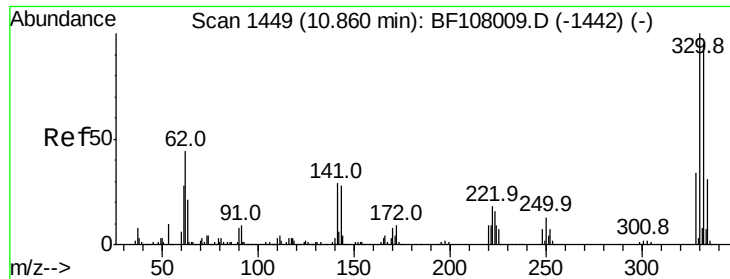
162 102.9 86.1 129.1

160 45.5 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

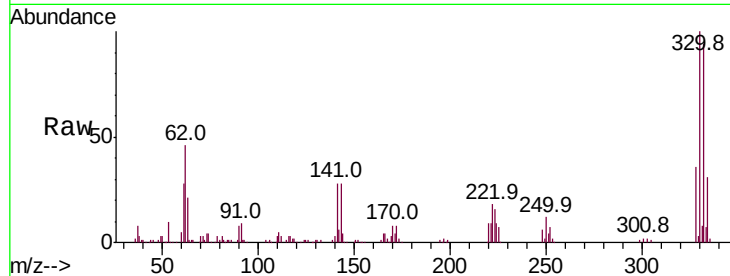




#41
 2,4,6-Tribromophenol
 Concen: 96.720 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.3	29.9	44.9

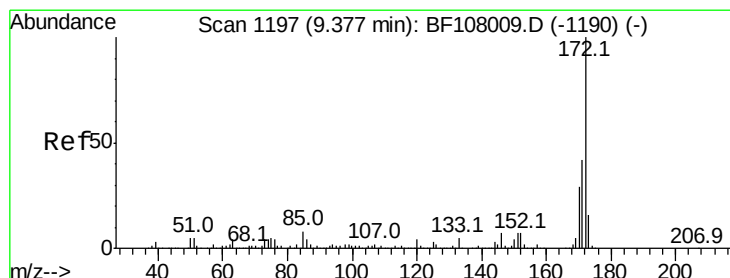
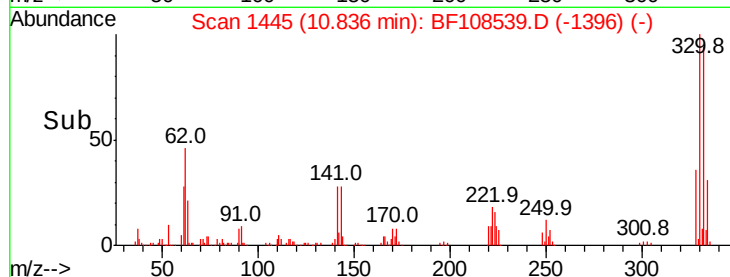
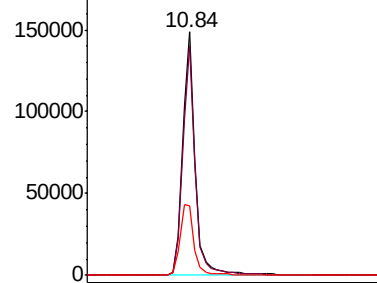


Abundance

Ion 329.80 (329.50 to 330.50): E

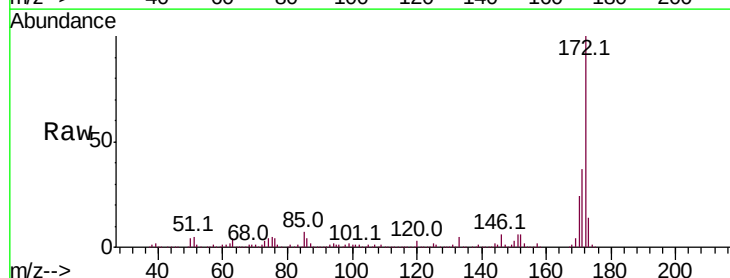
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 135.963 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

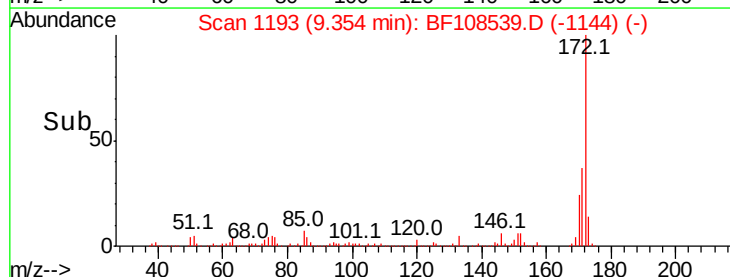
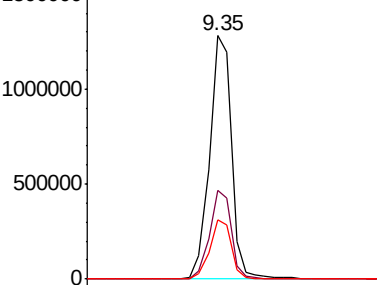


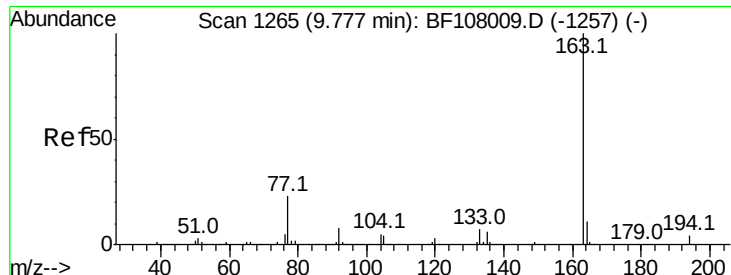
Abundance

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

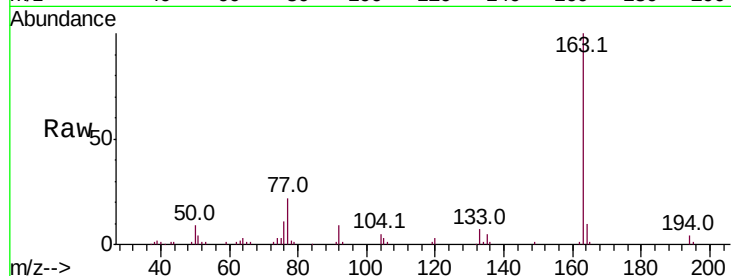




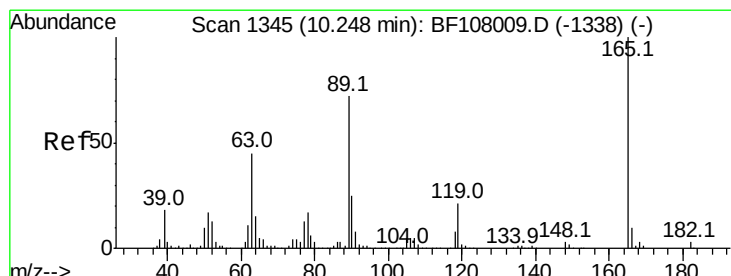
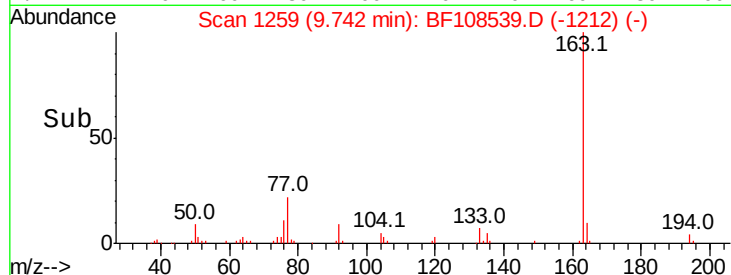
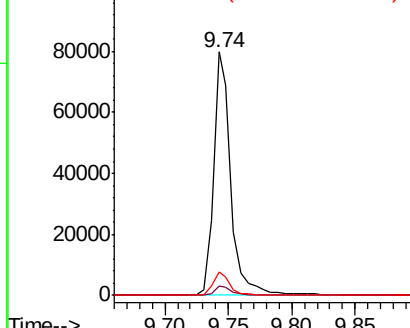
#49
 Dimethylphthalate
 Concen: 7.542 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

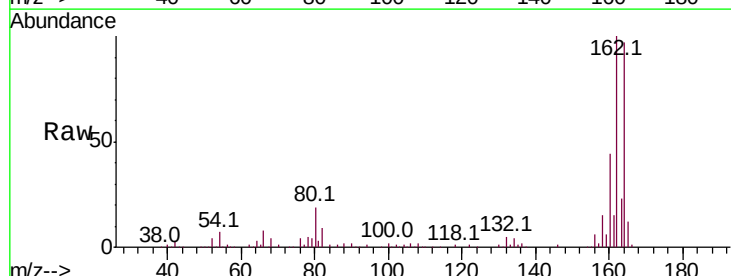


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

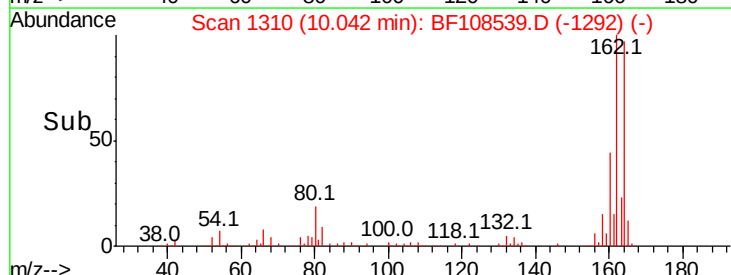
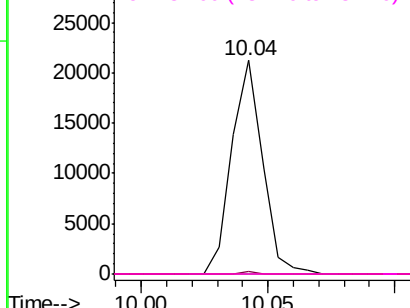


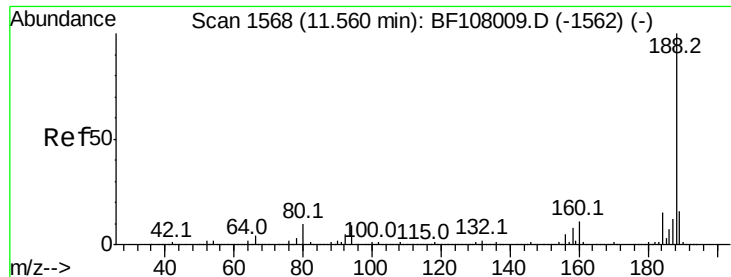
#56
 2,4-Dinitrotoluene
 Concen: 6.594 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	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

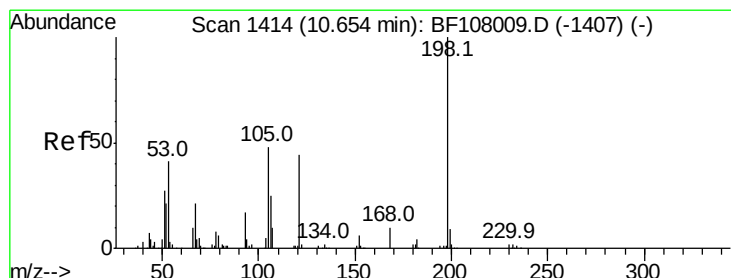
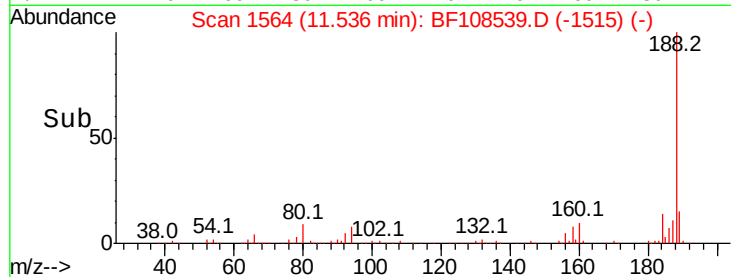
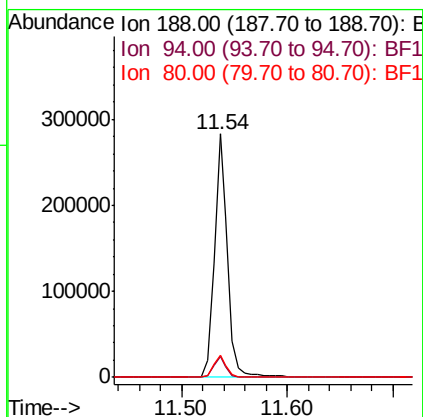
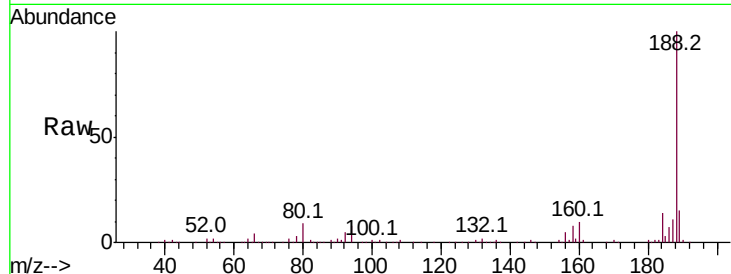




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

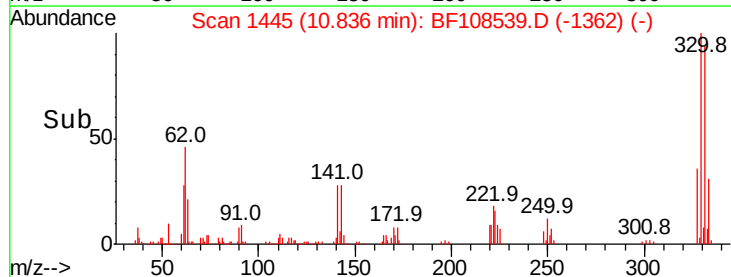
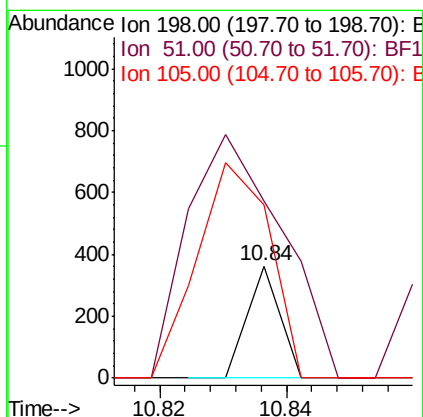
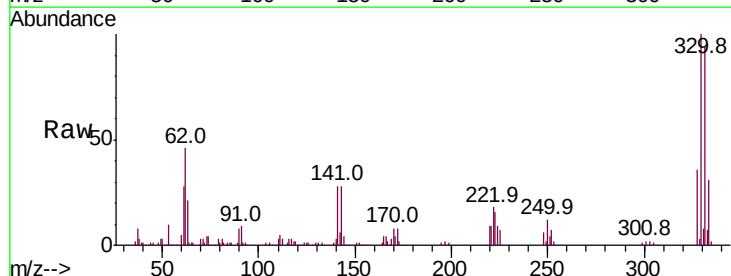
Instrument :
 BNA_F
 ClientSampleId :

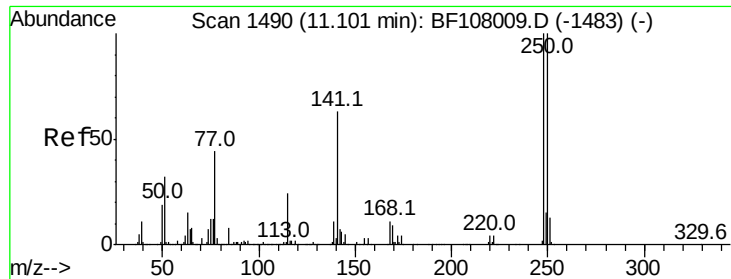
Tot Ion:188 Resp: 246857
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.1 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.481 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Tgt Ion:198 Resp: 128
 Ion Ratio Lower Upper
 198 100
 51 158.1 37.7 77.7#
 105 154.3 36.3 76.3#

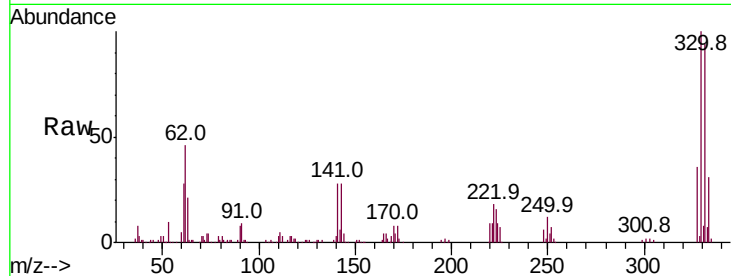




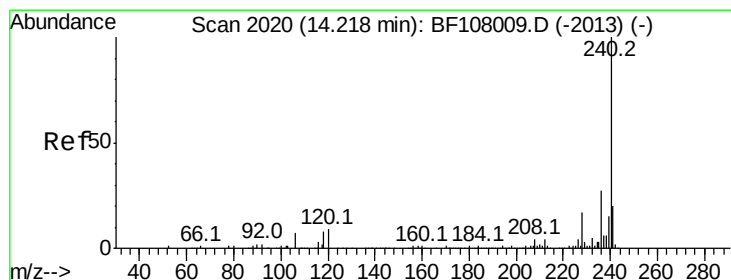
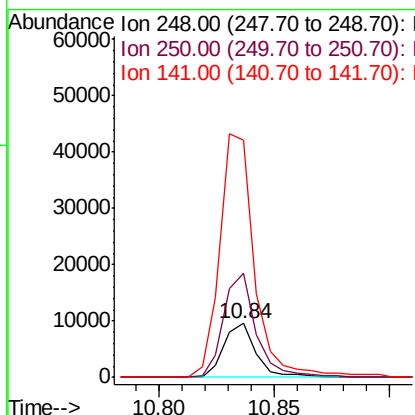
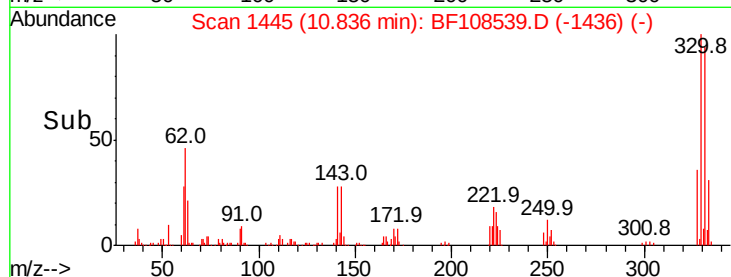
#66
 4-Bromophenyl-phenylether
 Concen: 3.445 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9243
 Ion Ratio Lower Upper
 248 100
 250 194.4 76.9 115.3#
 141 441.0 74.4 111.6#

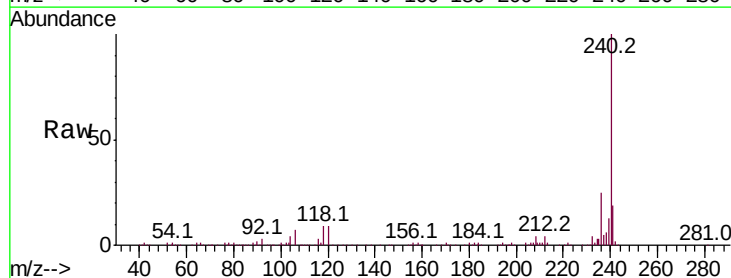


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

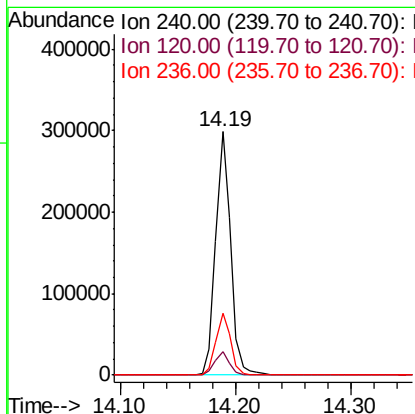
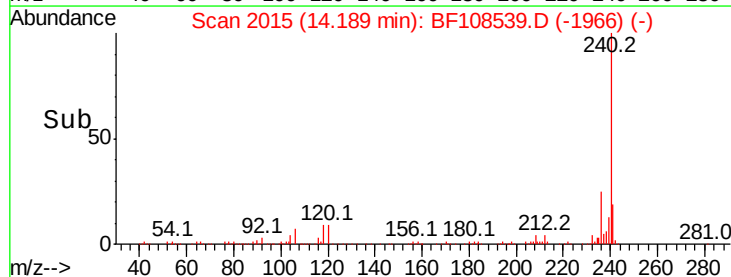


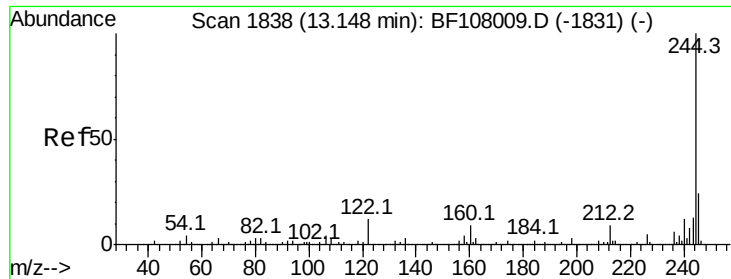
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Tgt Ion:240 Resp: 268911
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3#
 236 25.2 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

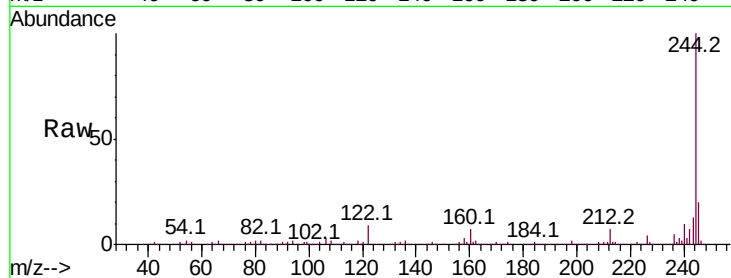




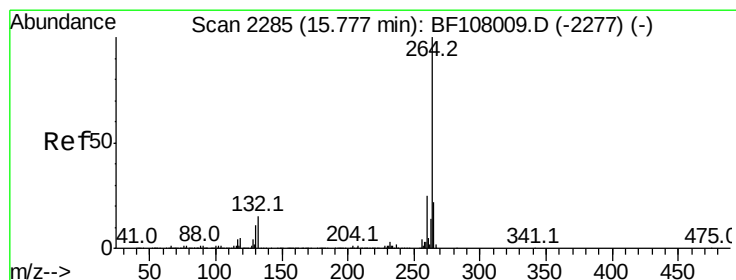
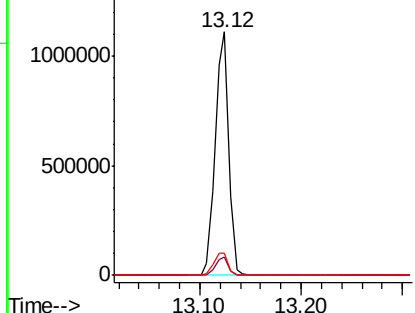
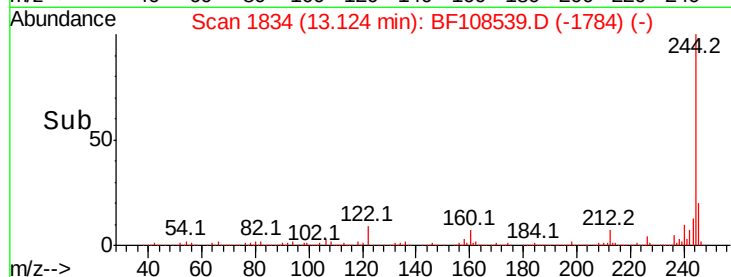
#78
 Terphenyl-d14
 Concen: 97.475 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1030931
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 8.9 11.0 16.4#

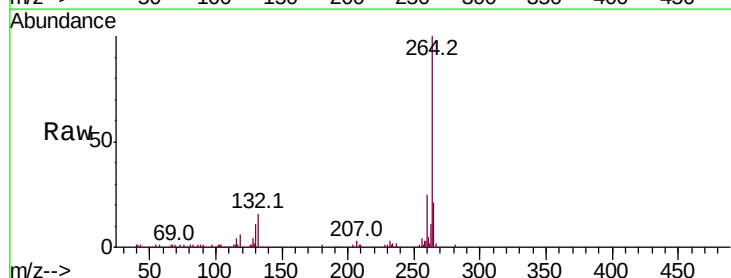


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108539.D
 Acq: 28 Aug 2018 5:03

Tgt Ion:264 Resp: 186764
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

