

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108537.D
 Acq On : 28 Aug 2018 4:09
 Operator : JU/SJ
 Sample : J4659-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 04:52:52 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

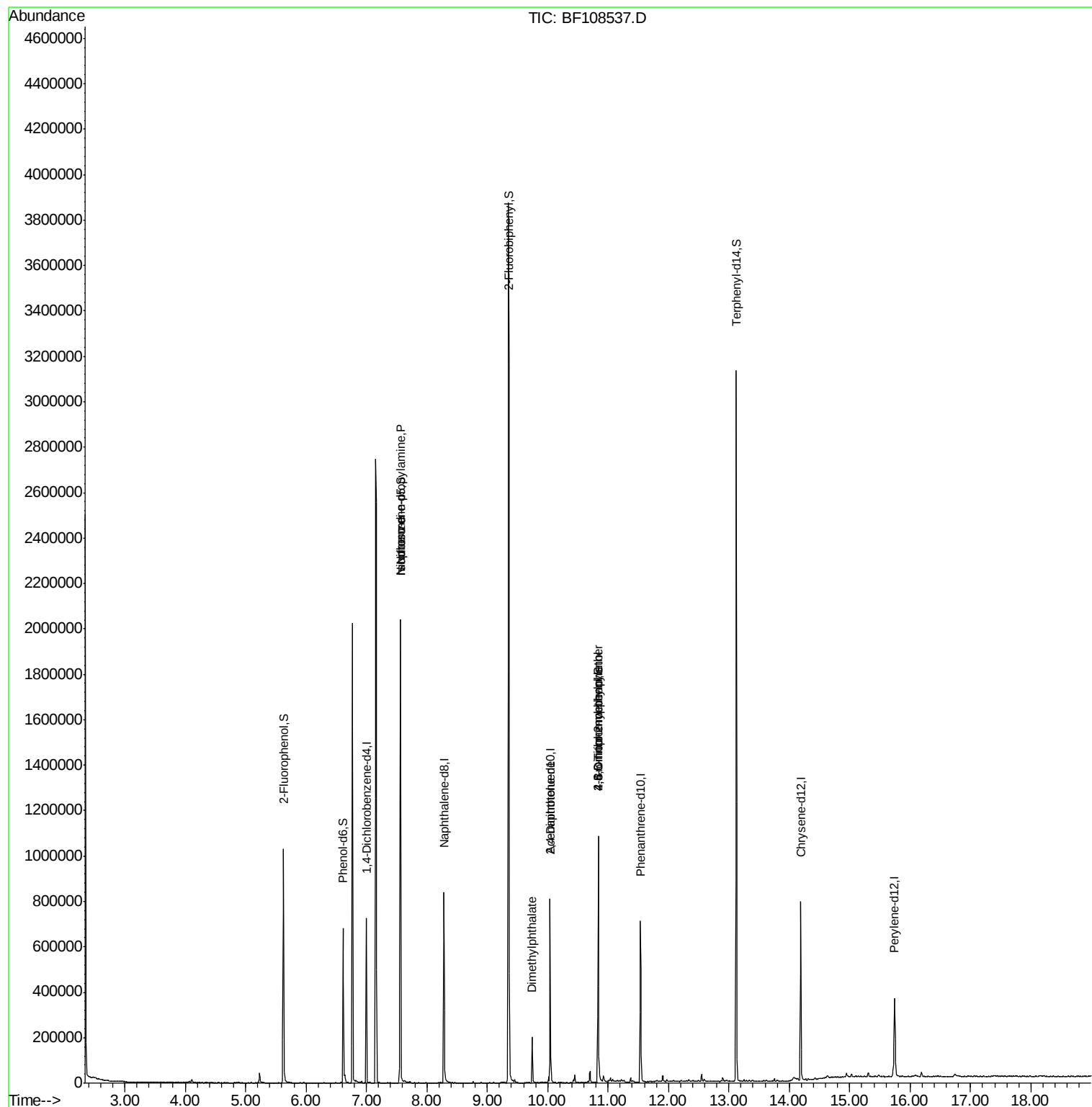
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	107901	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	370421	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	151712	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	255634	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	271843	20.00	ng	-0.01
86) Perylene-d12	15.74	264	183937	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251770	42.24	ng	0.00
7) Phenol-d6	6.61	99	199167	25.15	ng	-0.02
23) Nitrobenzene-d5	7.57	82	705800	106.32	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	138844	91.75	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1232751	130.45	ng	-0.01
78) Terphenyl-d14	13.12	244	1042893	97.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	95789	17.885	ng	# 80
25) Isophorone	7.57	82	705790	55.782	ng	# 64
49) Dimethylphthalate	9.74	163	82441	7.801	ng	# 98
56) 2,4-Dinitrotoluene	10.04	165	18697	6.570	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	269	5.608	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9157	3.296	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108537.D
Acq On : 28 Aug 2018 4:09
Operator : JU/SJ
Sample : J4659-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 04:52:52 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



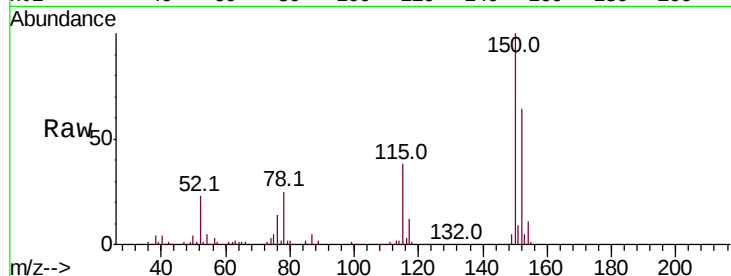


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.8	50.1	75.1

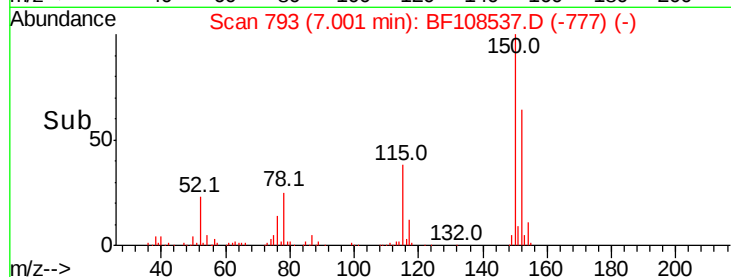
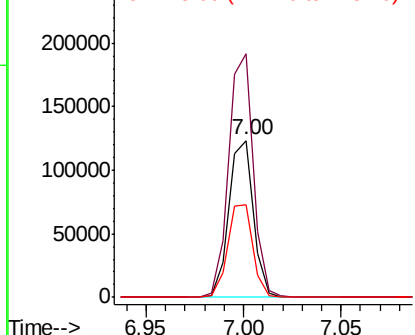


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

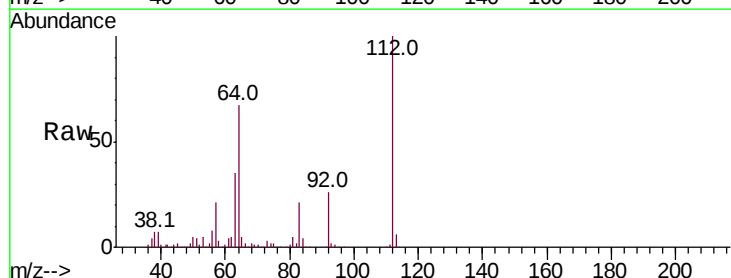
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.244 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.8	23.7	35.5

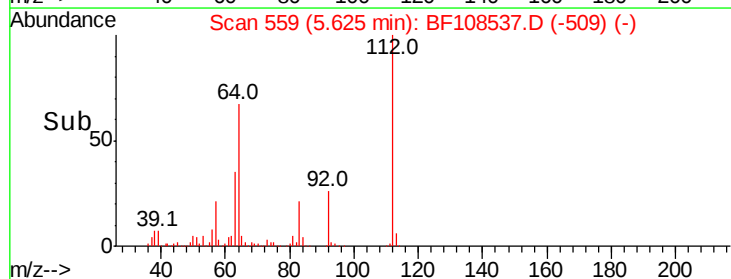
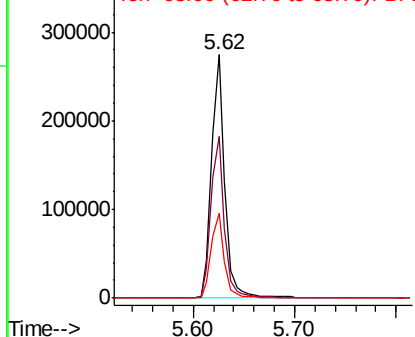


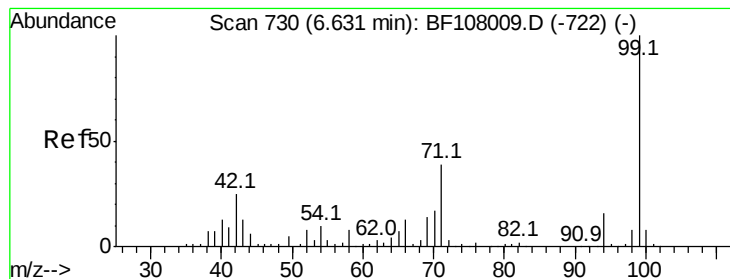
Abundance

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: 25.148 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108537.D

Acq: 28 Aug 2018 4:09

Instrument :

BNA_F

ClientSampled :

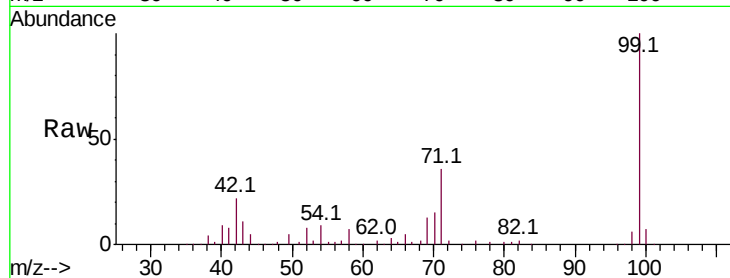
Tot Ion: 99 Resp: 199167

Ion Ratio Lower Upper

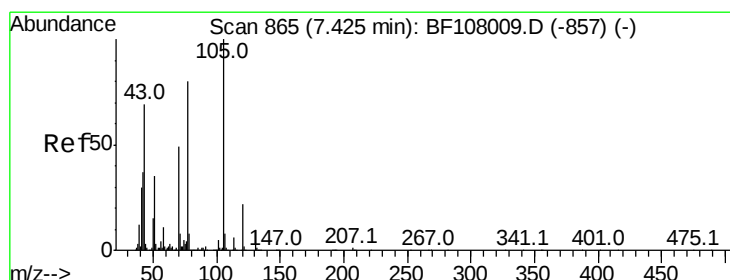
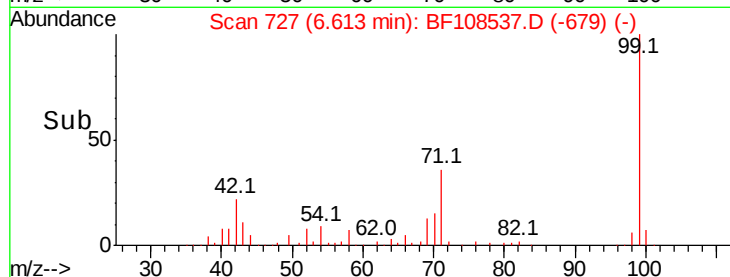
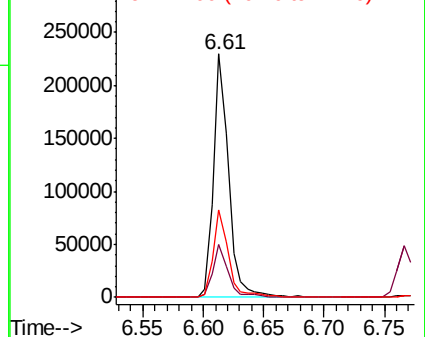
99 100

42 21.9 14.5 21.7#

71 36.1 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: 17.885 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108537.D

Acq: 28 Aug 2018 4:09

Tgt Ion: 70 Resp: 95789

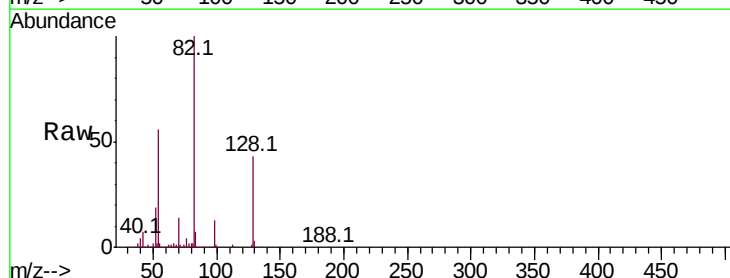
Ion Ratio Lower Upper

70 100

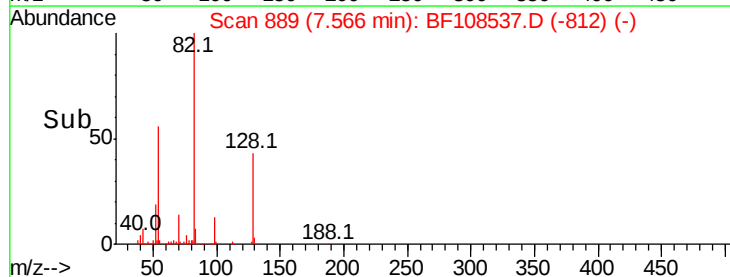
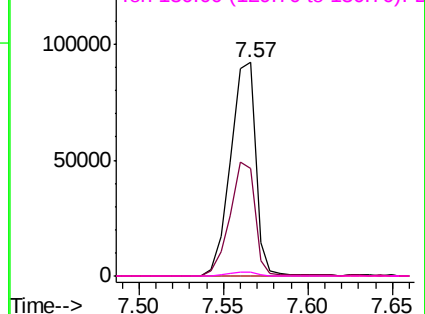
42 50.6 47.5 71.3

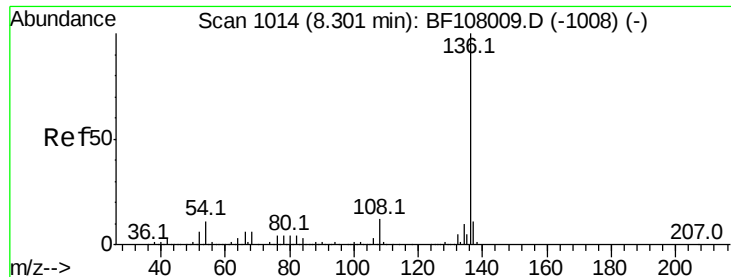
101 0.0 7.4 11.2#

130 2.0 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

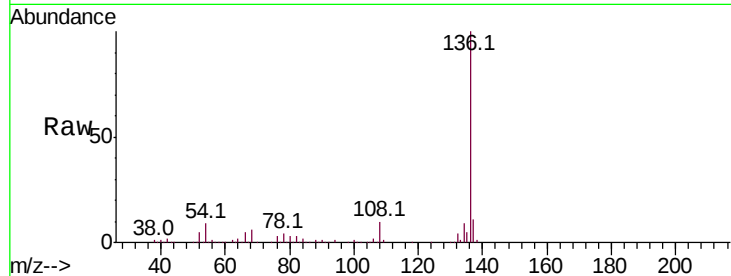




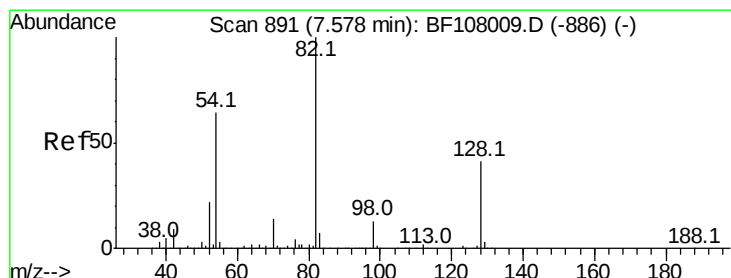
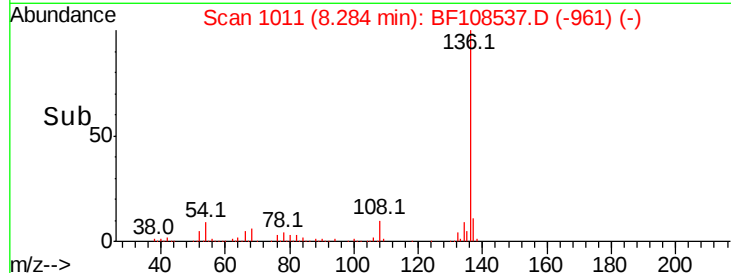
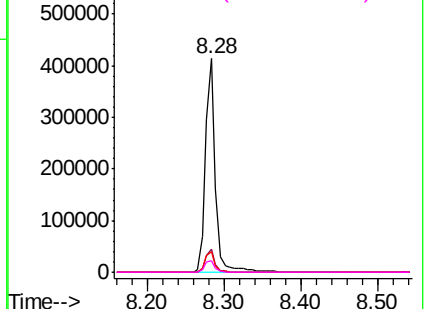
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	370421
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.4	6.6 9.8
68	5.5	5.0 7.4

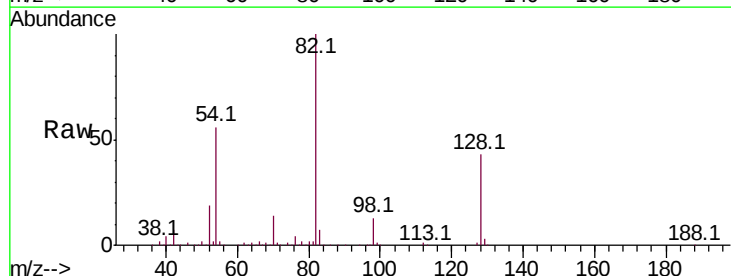


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

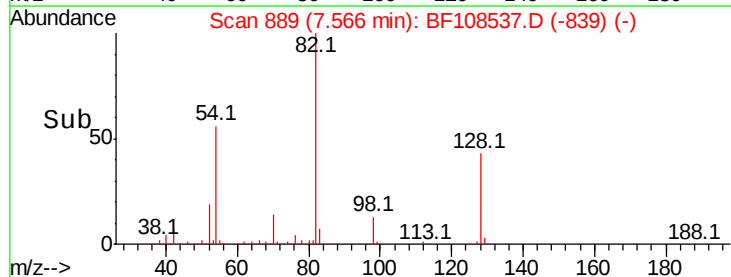
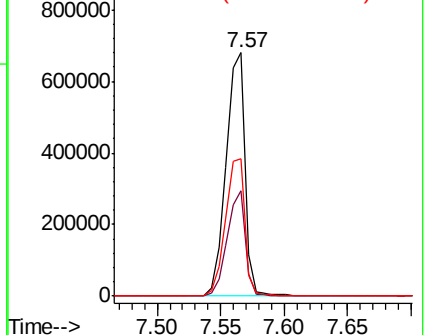


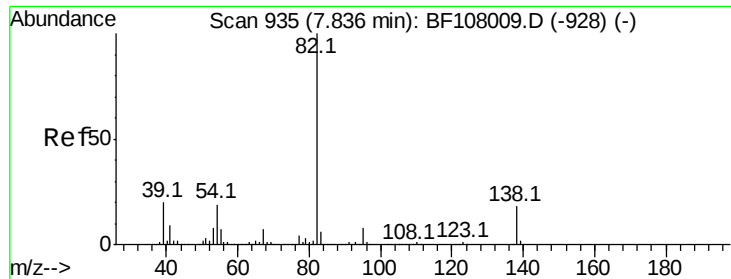
#23
Nitrobenzene-d5
Concen: 106.324 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Tgt Ion: 82	Resp:	705800
Ion Ratio	Lower	Upper
82	100	
128	43.5	36.1 54.1
54	56.2	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: 55.782 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108537.D

Acq: 28 Aug 2018 4:09

Instrument :

BNA_F

ClientSampled :

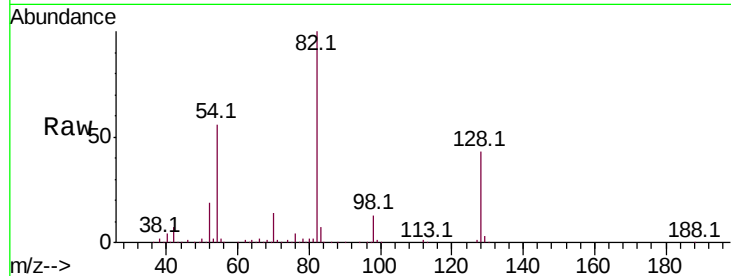
Tot Ion: 82 Resp: 705790

Ion Ratio Lower Upper

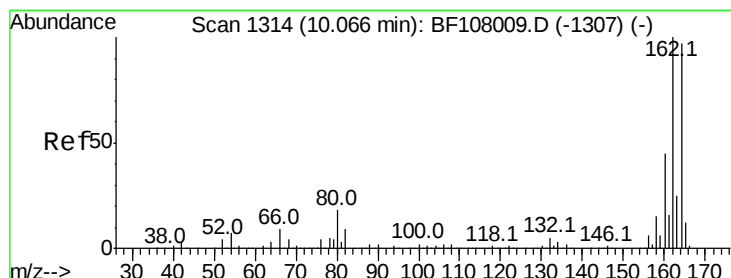
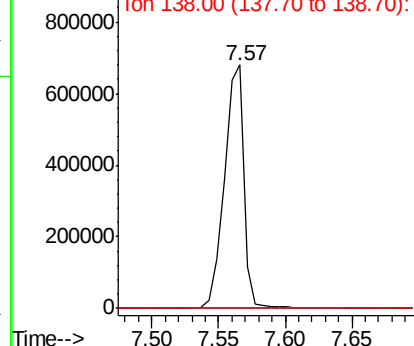
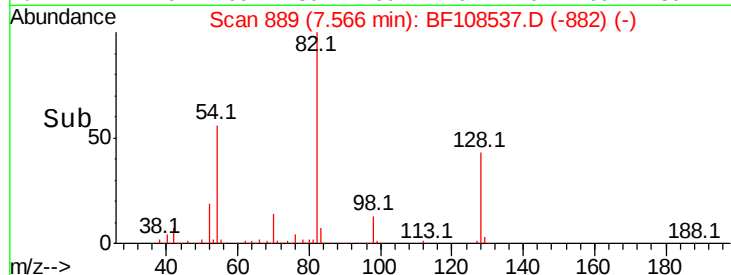
82 100

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: BF108537.D

Acq: 28 Aug 2018 4:09

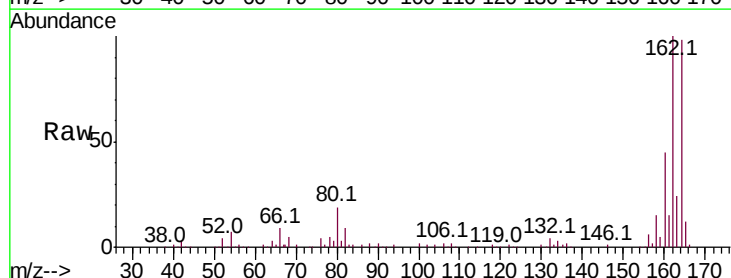
Tgt Ion: 164 Resp: 151712

Ion Ratio Lower Upper

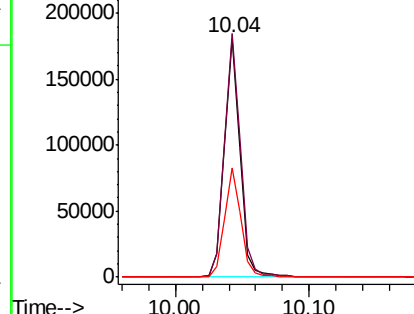
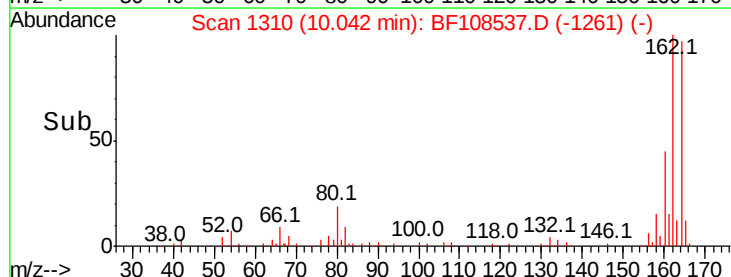
164 100

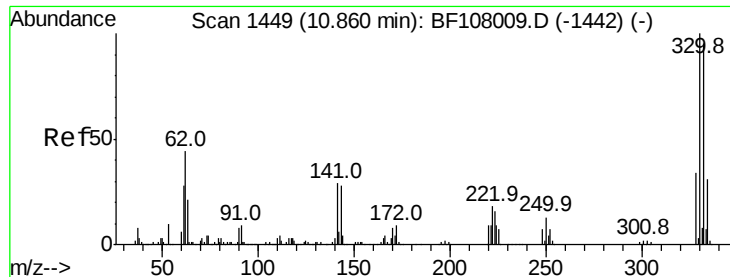
162 102.0 86.1 129.1

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

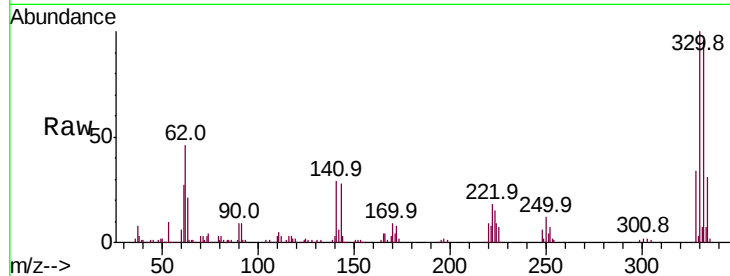




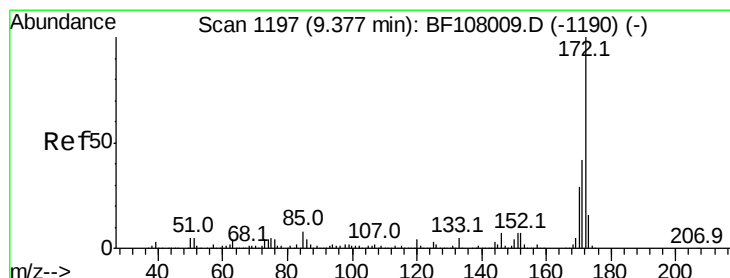
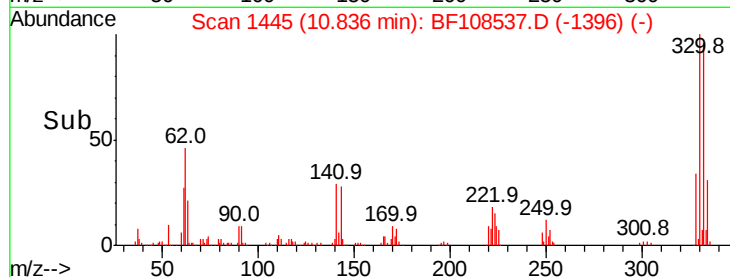
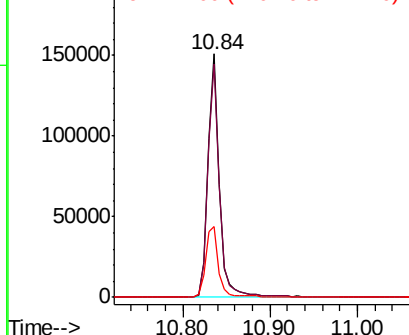
#41
 2,4,6-Tribromophenol
 Concen: 91.750 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.5	29.9	44.9

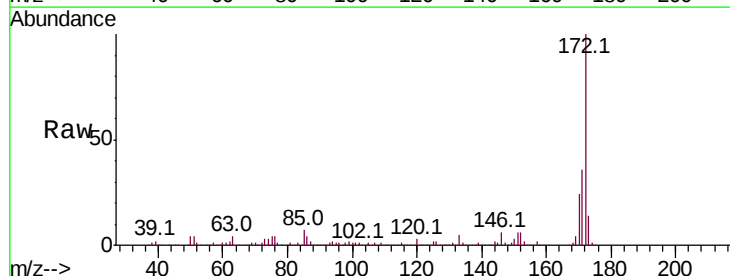


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

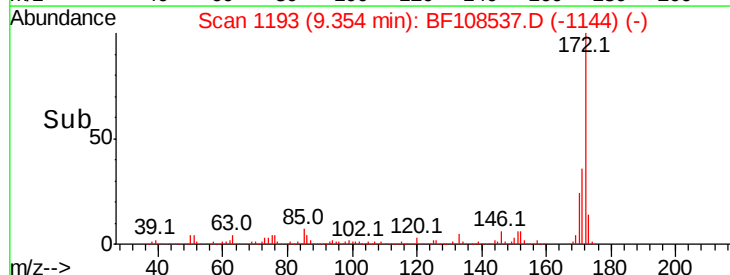
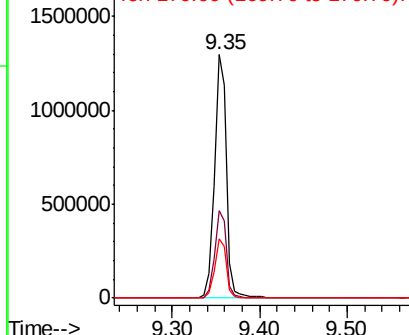


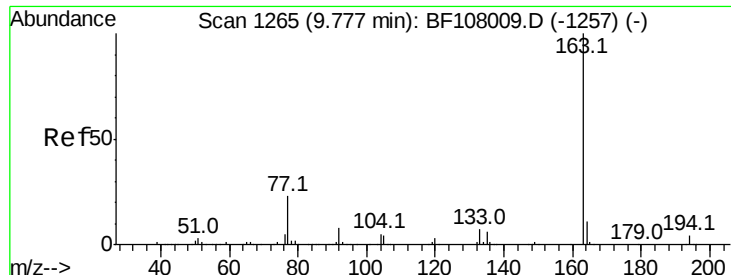
#44
 2-Fluorobiphenyl
 Concen: 130.454 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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

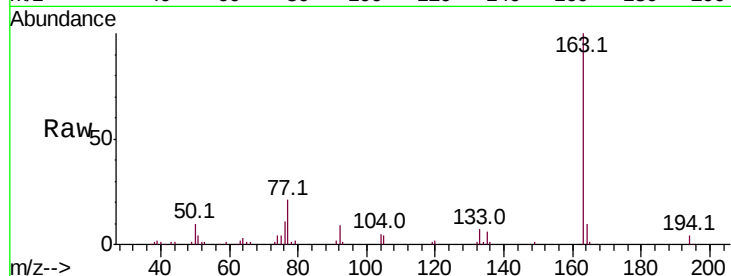




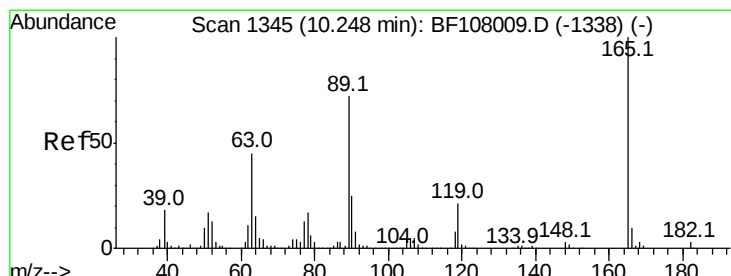
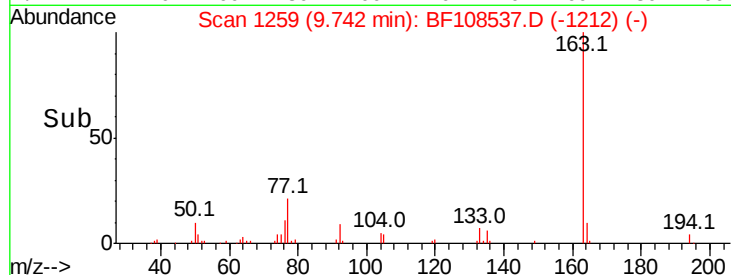
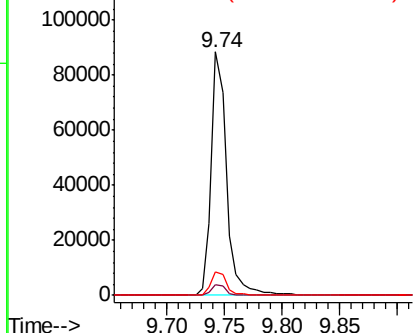
#49
Dimethylphthalate
Concen: 7.801 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 82441
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.7 8.2 12.2

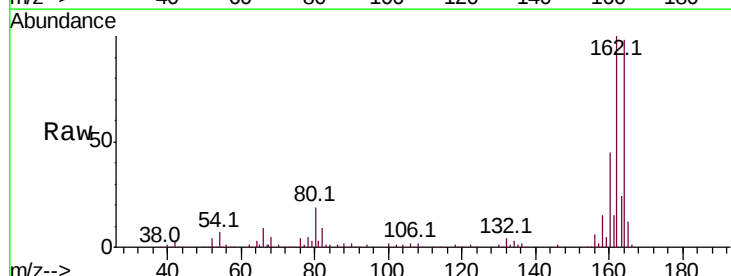


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

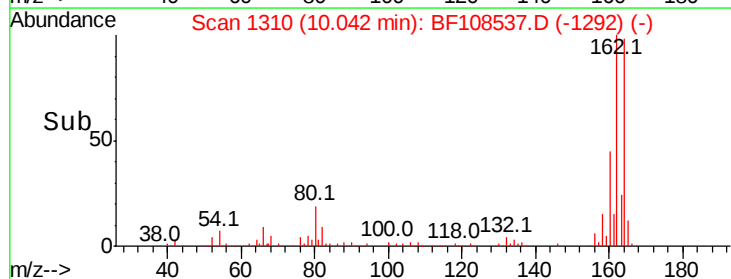
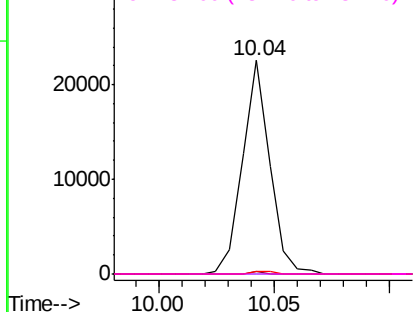


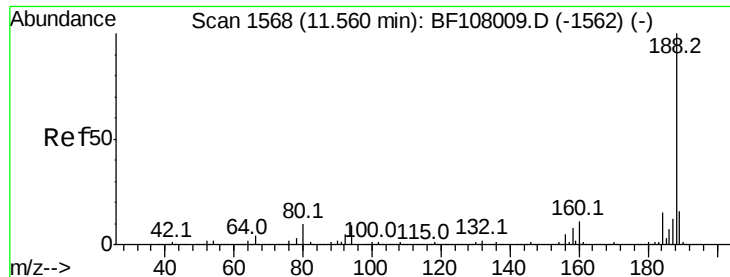
#56
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108537.D
Acq: 28 Aug 2018 4:09

Tgt Ion:165 Resp: 18697
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.3 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

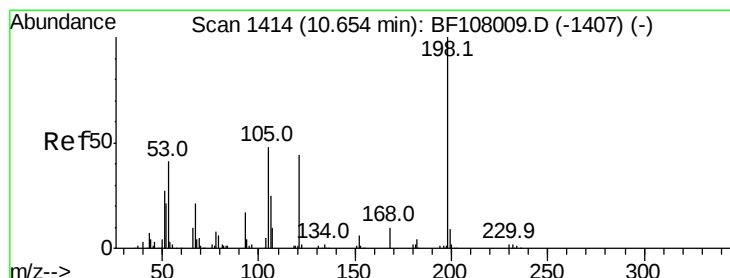
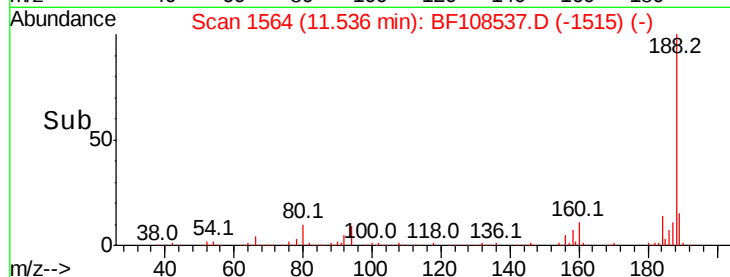
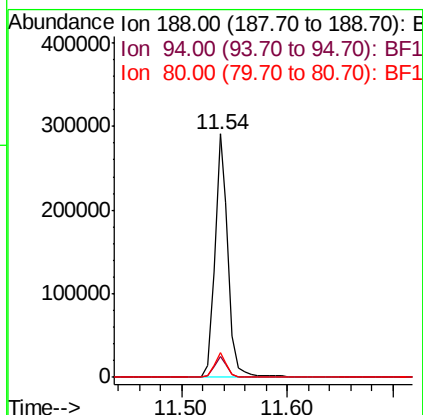
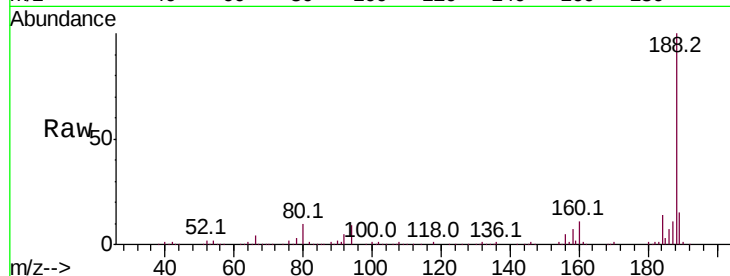




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

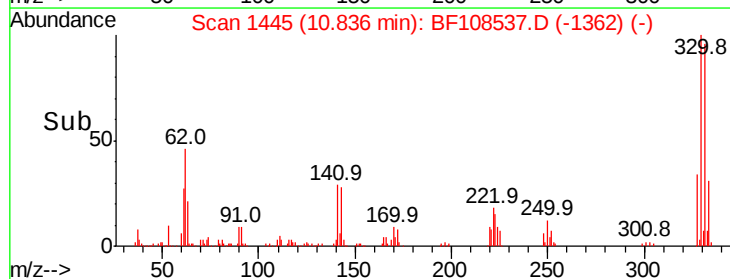
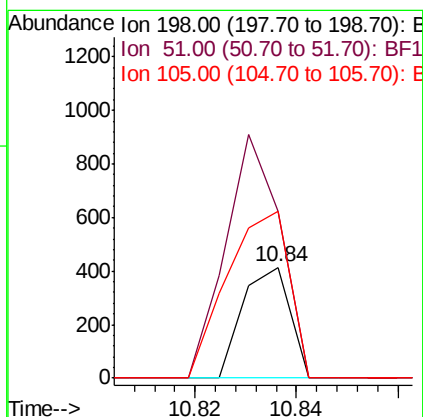
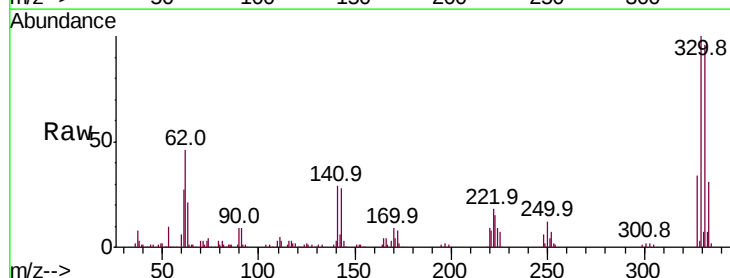
Instrument :
 BNA_F
 ClientSampleId :

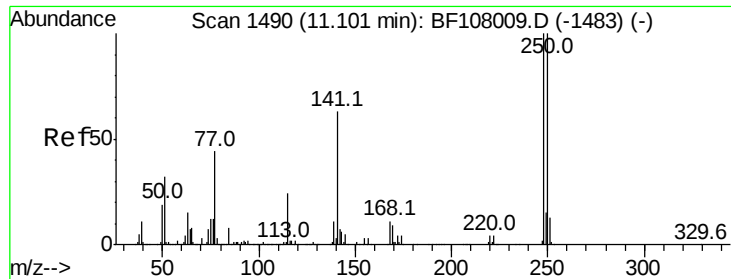
Tot Ion:188 Resp: 255634
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 10.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.608 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Tgt Ion:198 Resp: 269
 Ion Ratio Lower Upper
 198 100
 51 150.4 37.7 77.7#
 105 150.6 36.3 76.3#

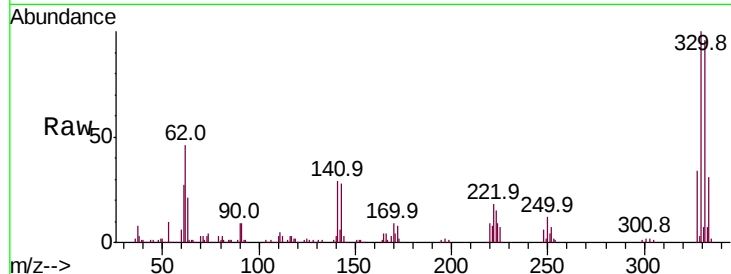




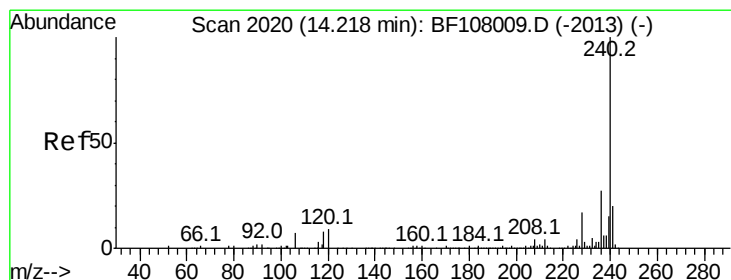
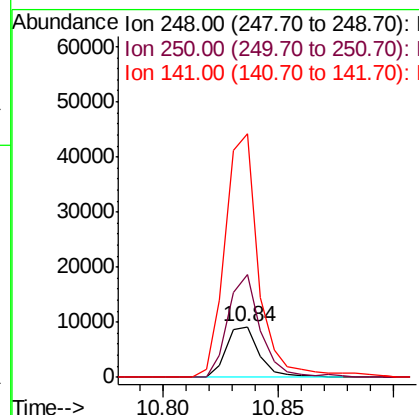
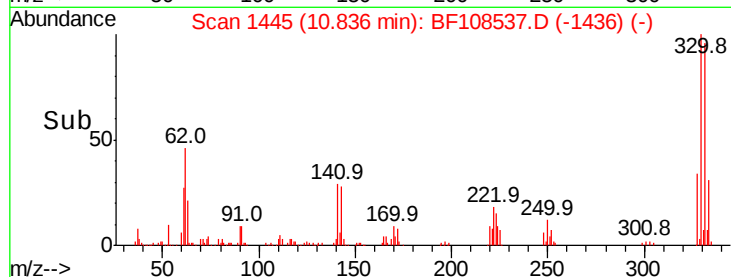
#66
 4-Bromophenyl-phenylether
 Concen: 3.296 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9157
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.9 115.3#
 141 480.3 74.4 111.6#

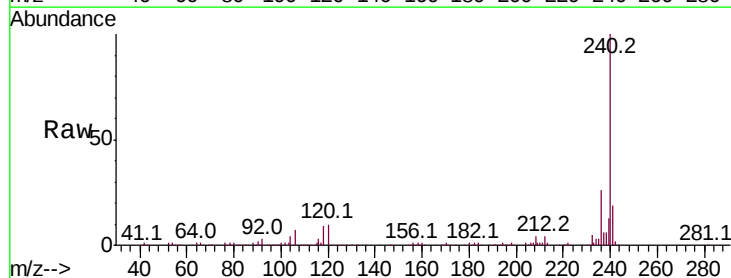


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

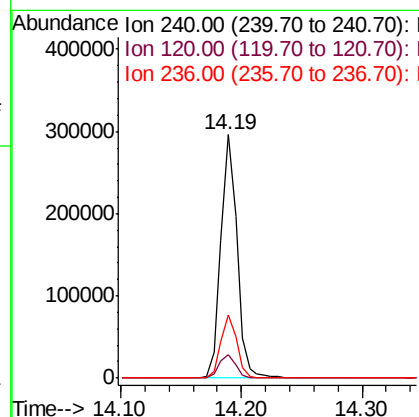
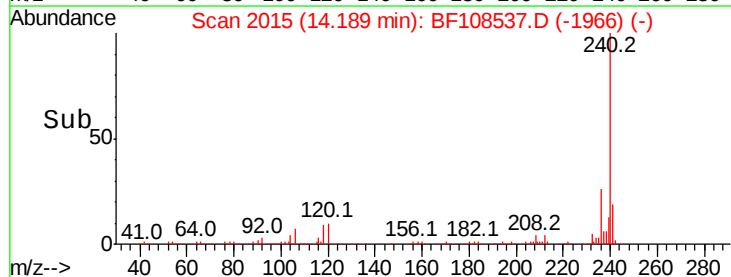


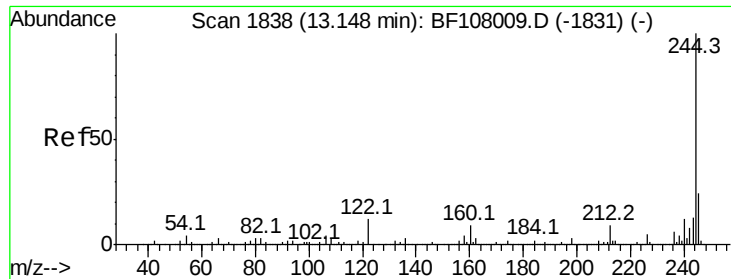
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Tgt Ion:240 Resp: 271843
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 25.7 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

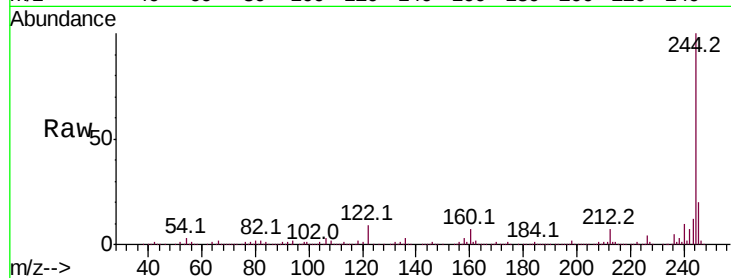




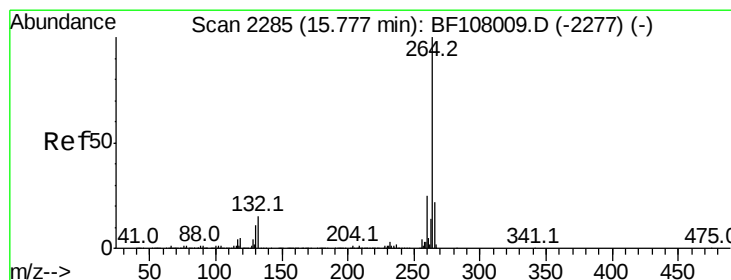
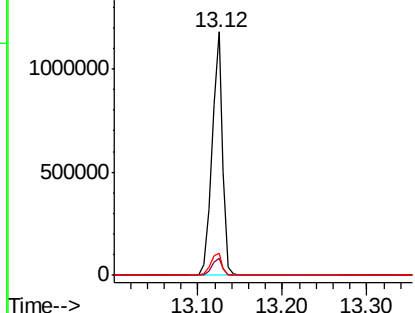
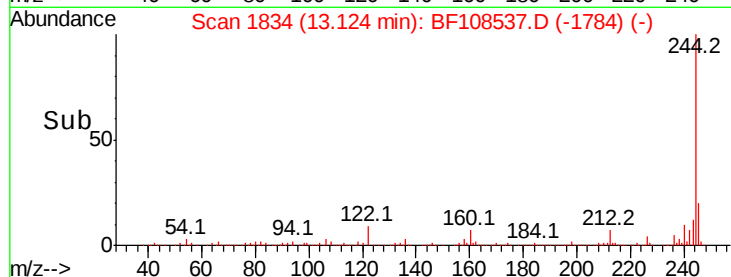
#78
 Terphenyl-d14
 Concen: 97.543 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1042893
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.1 11.0 16.4#

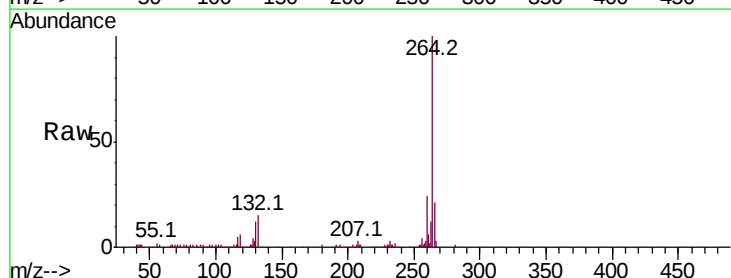


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108537.D
 Acq: 28 Aug 2018 4:09

Tgt Ion:264 Resp: 183937
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.0 17.5 26.3



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

