

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108819.D
 Acq On : 6 Sep 2018 12:05
 Operator : JU/SJ
 Sample : J4724-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 13:17:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	253588	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	897046	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	351531	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	581016	20.00	ng	0.00
75) Chrysene-d12	13.87	240	598942	20.00	ng	0.00
86) Perylene-d12	15.27	264	507935	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1210936	79.11	ng	0.01
7) Phenol-d6	6.37	99	1506271	76.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	895222	62.45	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	258554	77.04	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1464037	71.05	ng	0.00
78) Terphenyl-d14	12.82	244	1224980	47.69	ng	0.00

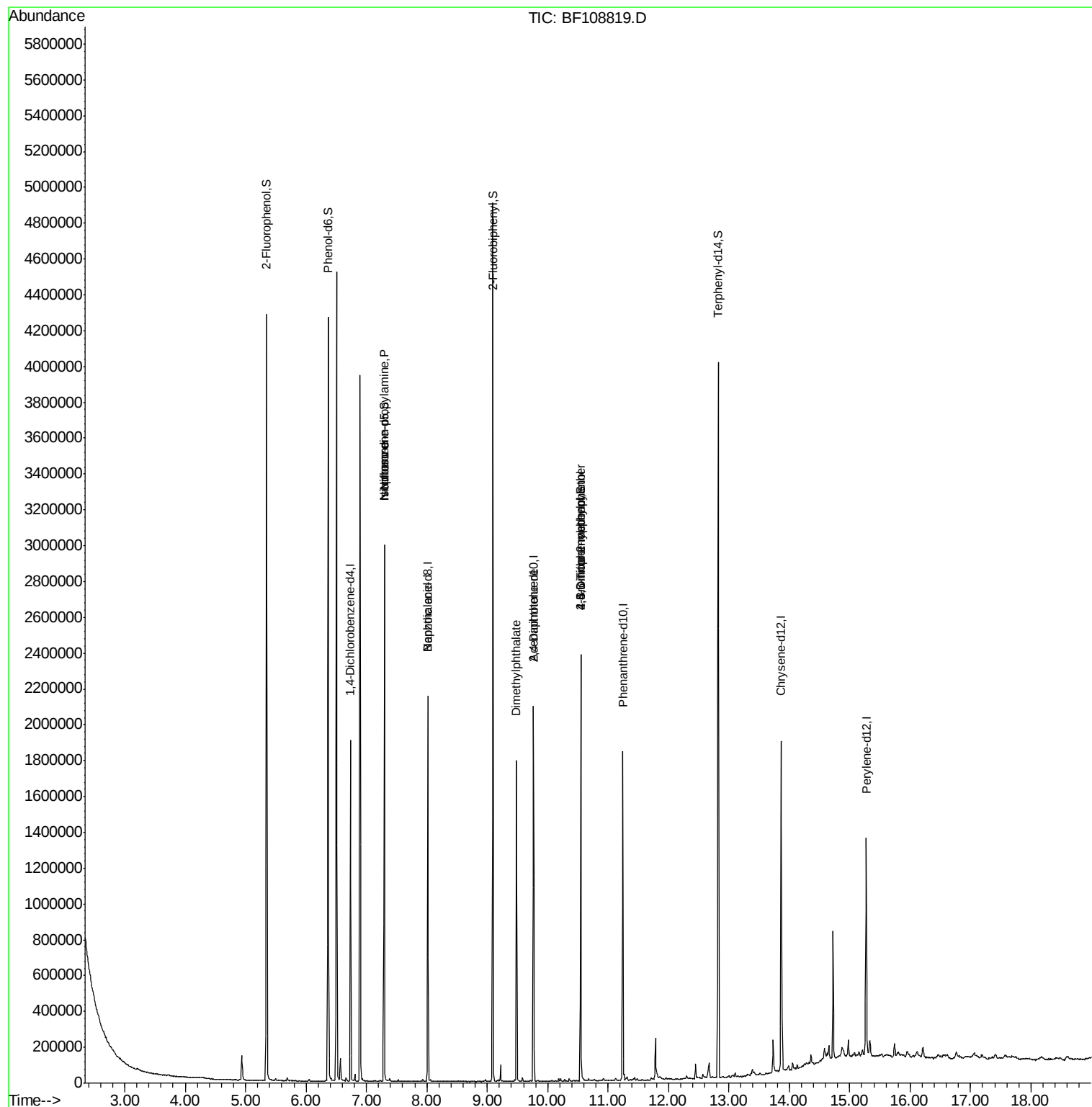
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	121151	8.850	ng	# 77
25) Isophorone	7.30	82	889141	31.097	ng	# 64
32) Benzoic acid	8.02	122	128	4.034	ng	# 1
49) Dimethylphthalate	9.48	163	636904	25.904	ng	99
56) 2,4-Dinitrotoluene	9.77	165	45432	7.583	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	451	7.038	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16042	2.445	ng	# 1

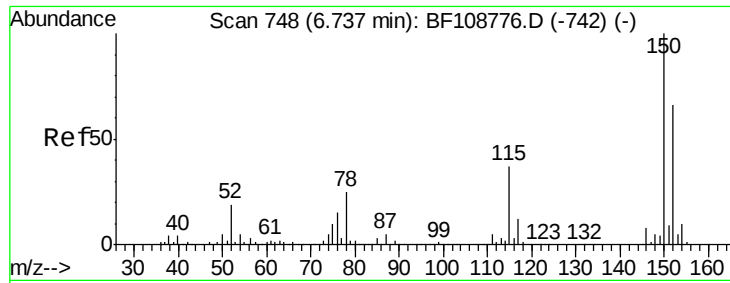
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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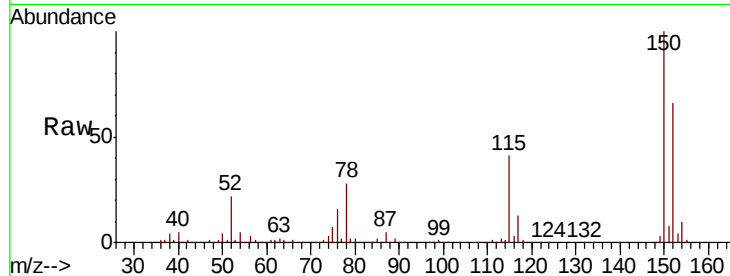


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	61.8	50.1	75.1

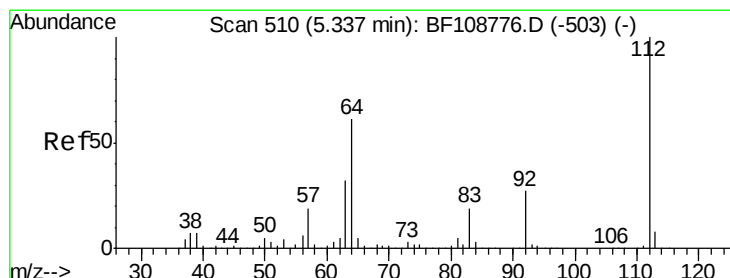
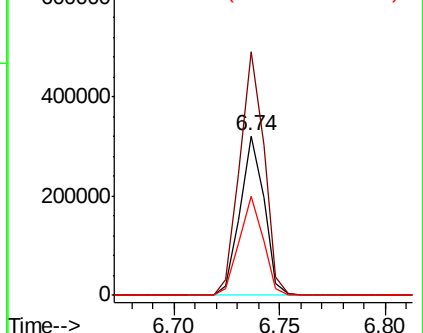
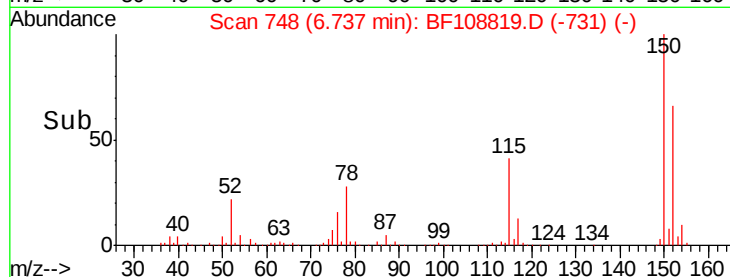


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

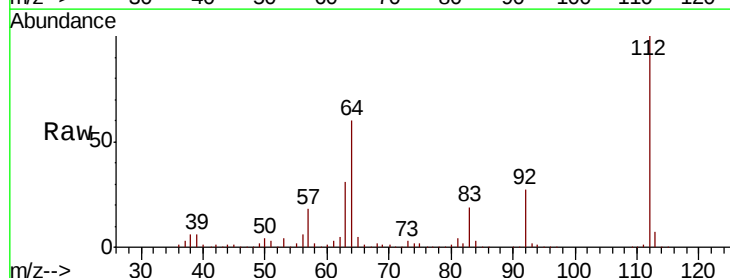
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.109 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	31.0	23.7	35.5

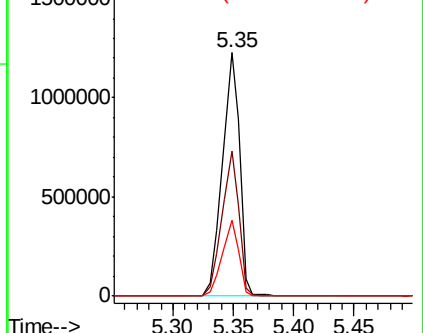
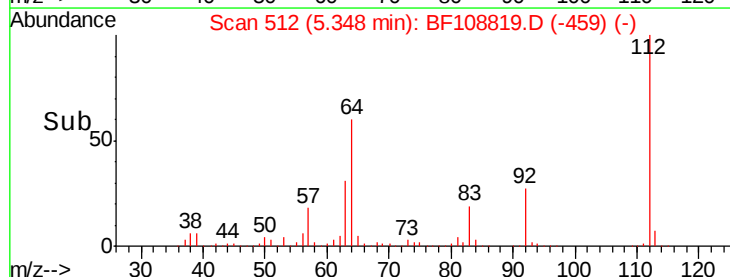


Abundance

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: 76.480 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

Instrument :

BNA_F

ClientSampleId :

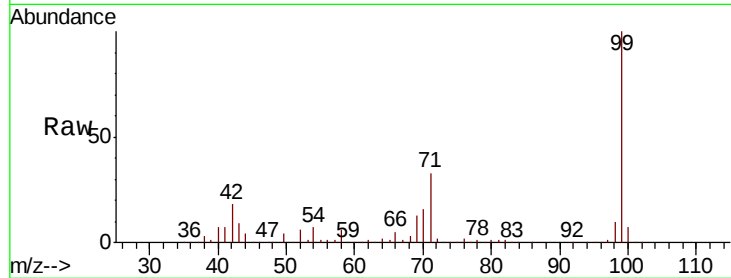
Tot Ion: 99 Resp: 1506271

Ion Ratio Lower Upper

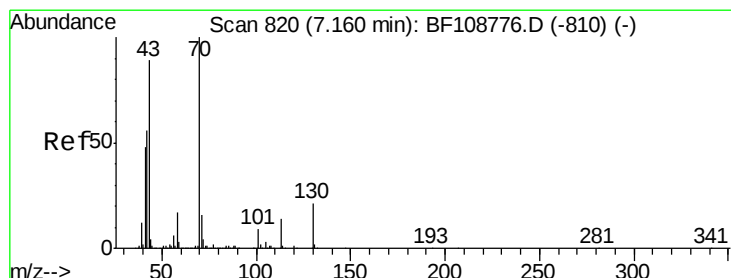
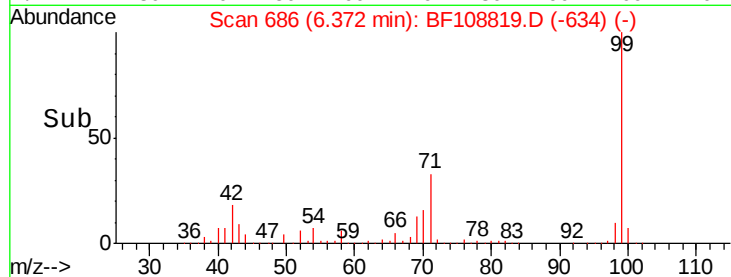
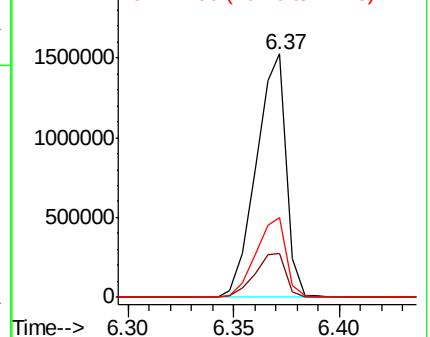
99 100

42 18.1 14.5 21.7

71 32.8 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: 8.850 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

Tgt Ion: 70 Resp: 121151

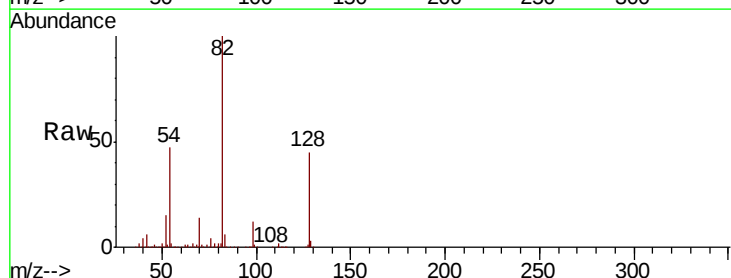
Ion Ratio Lower Upper

70 100

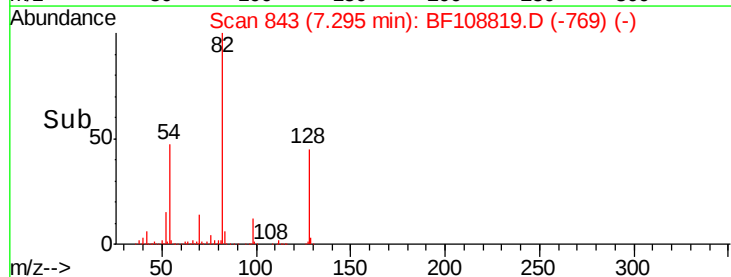
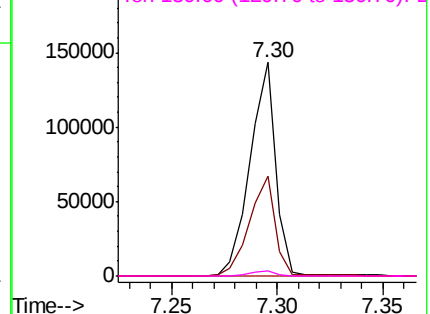
42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 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

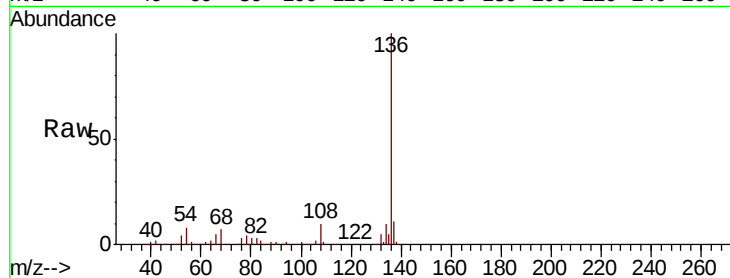




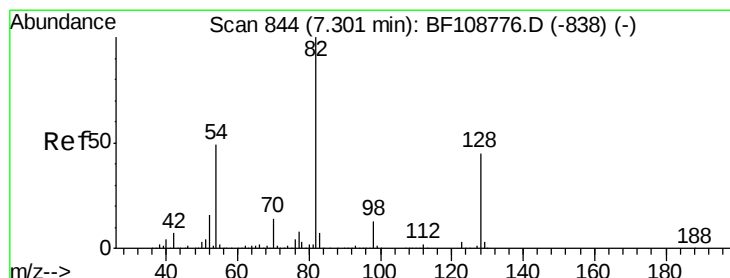
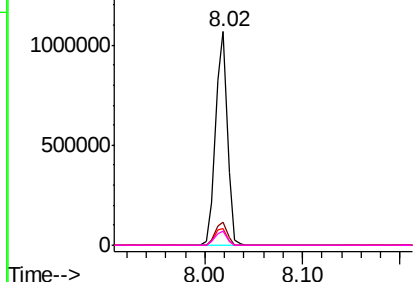
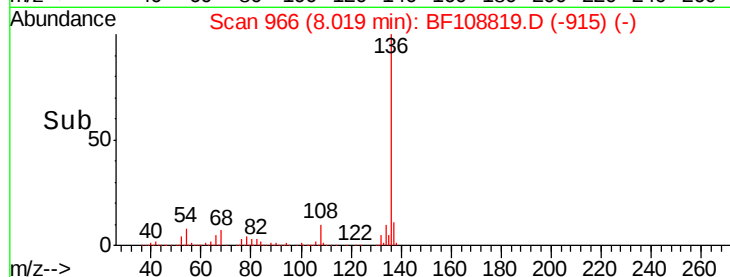
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	897046	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 7.6	6.6	9.8	
68 6.8	5.0	7.4	

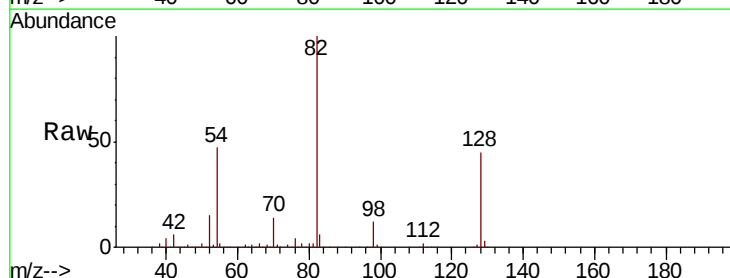


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

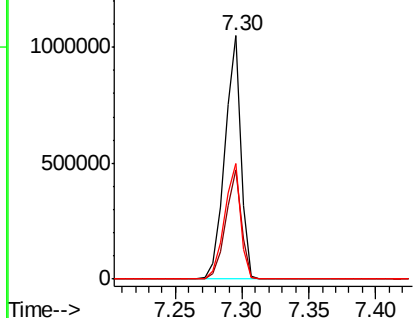
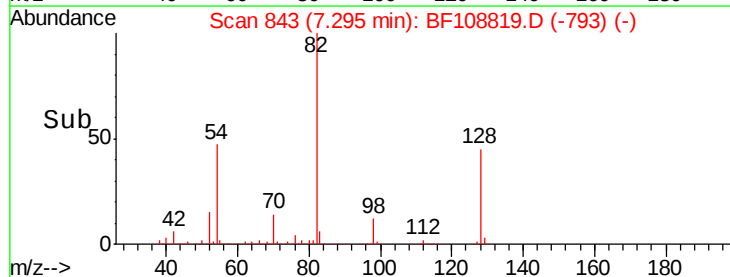


#23
Nitrobenzene-d5
Concen: 62.454 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Tgt Ion: 82	Resp: 895222
Ion Ratio	Lower Upper
82 100	
128 44.6	36.1 54.1
54 47.3	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: 31.097 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

Instrument :

BNA_F

ClientSampleId :

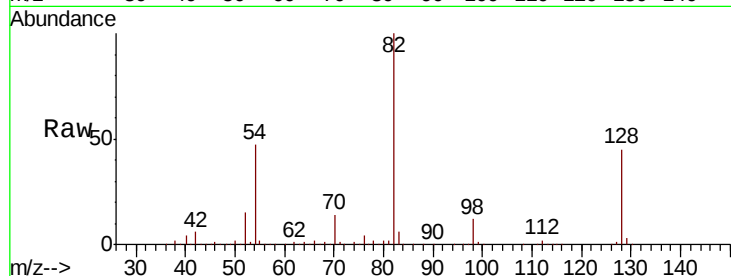
Tot Ion: 82 Resp: 889141

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

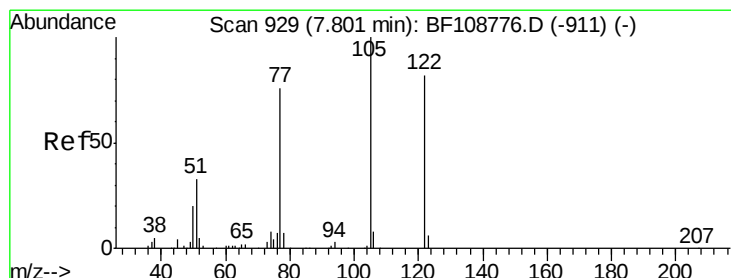
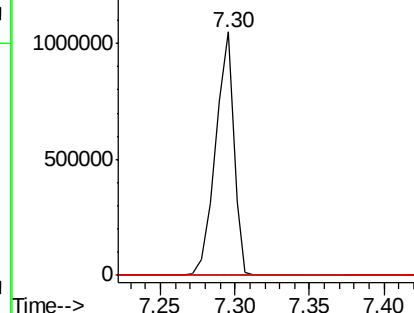
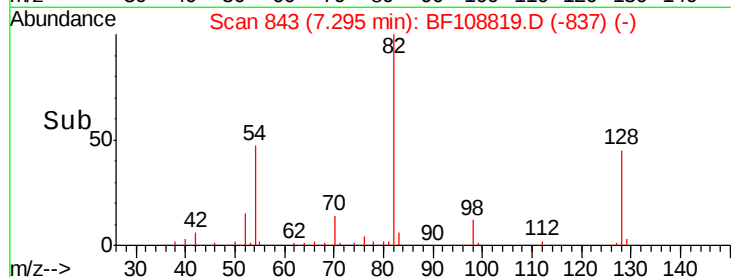
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.034 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

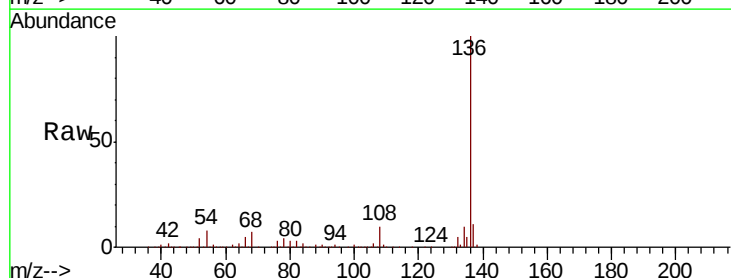
Tgt Ion: 122 Resp: 128

Ion Ratio Lower Upper

122 100

105 312.9 101.1 141.1#

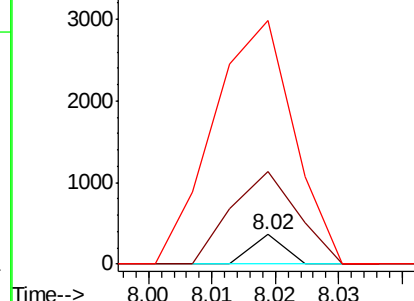
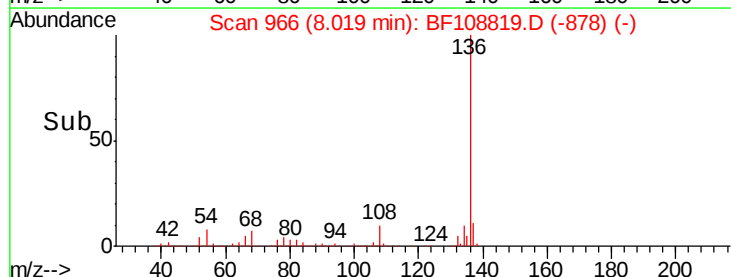
77 820.1 70.7 110.7#

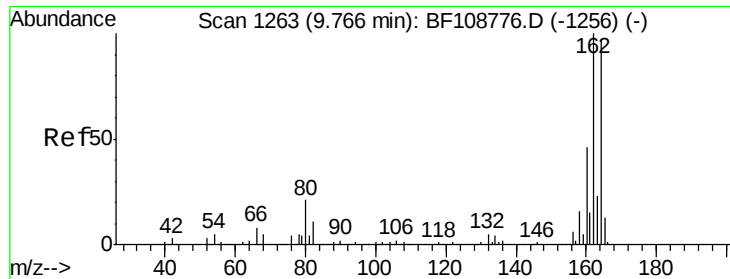


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

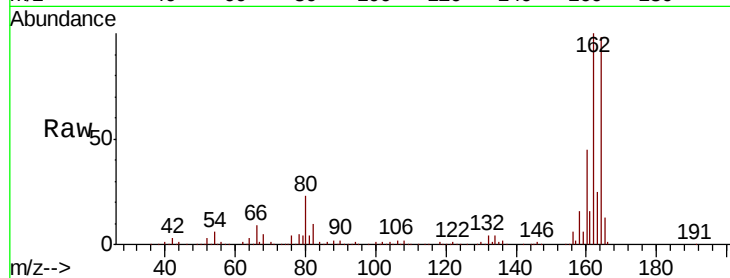




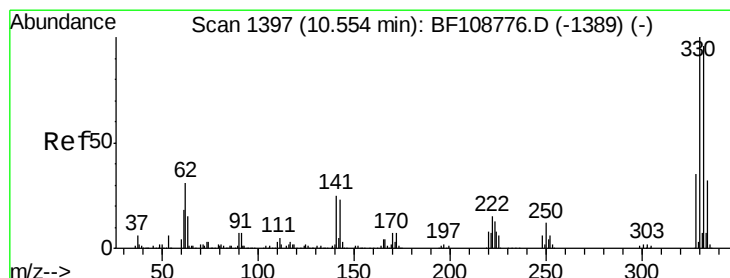
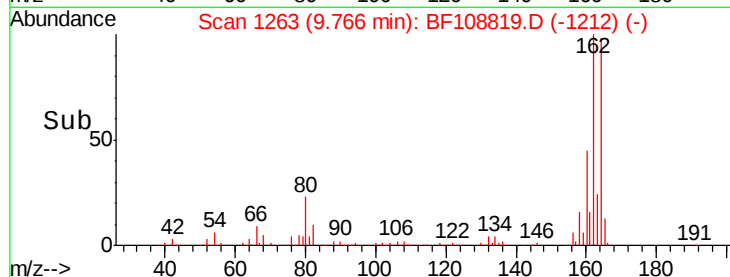
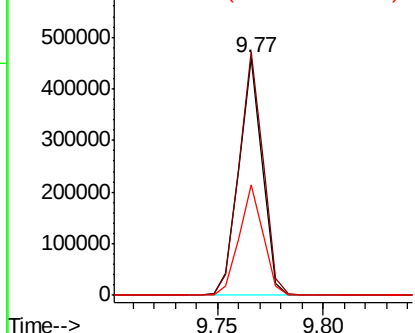
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.5	38.3	57.5

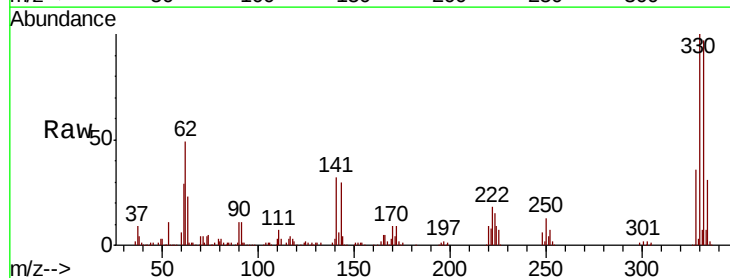


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

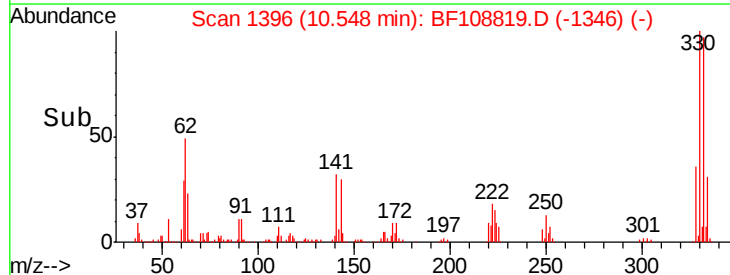
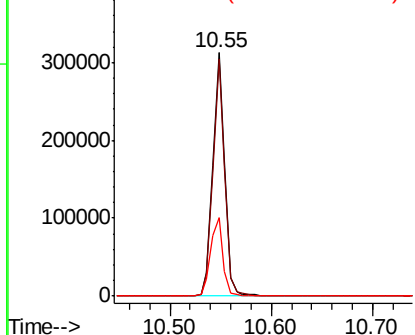


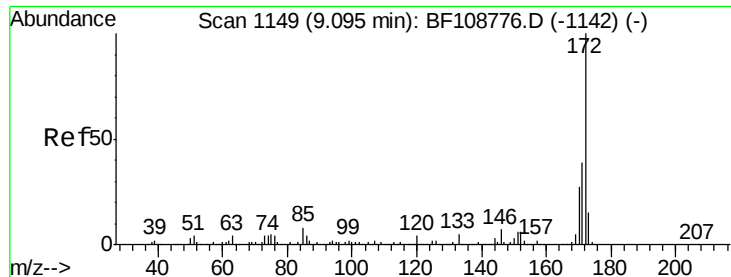
#41
2,4,6-Tribromophenol
Concen: 77.045 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.1	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

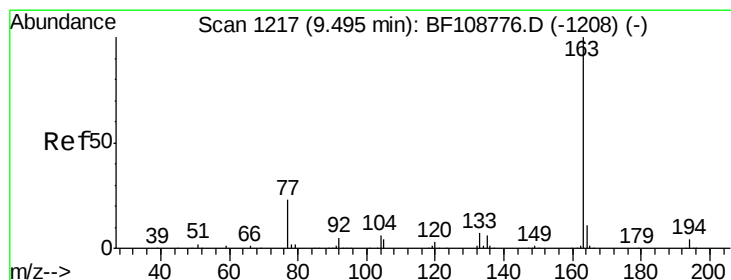
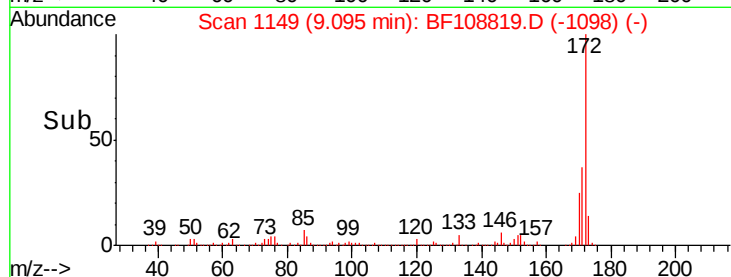
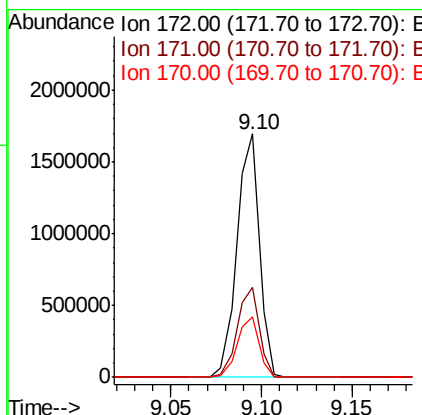
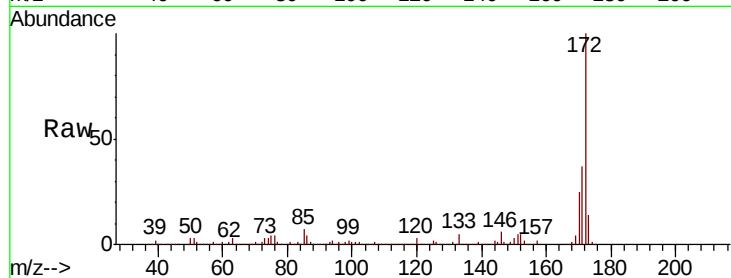




#44
2-Fluorobiphenyl
Concen: 71.050 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

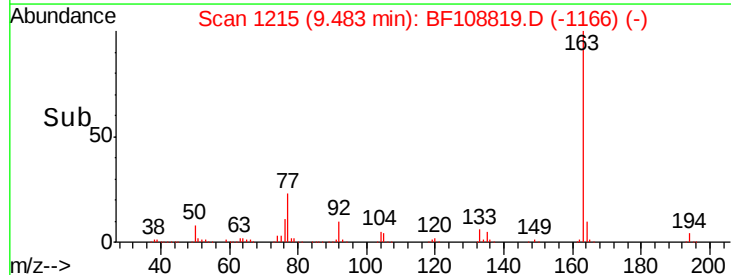
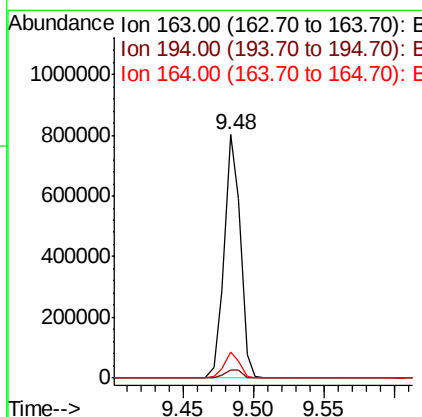
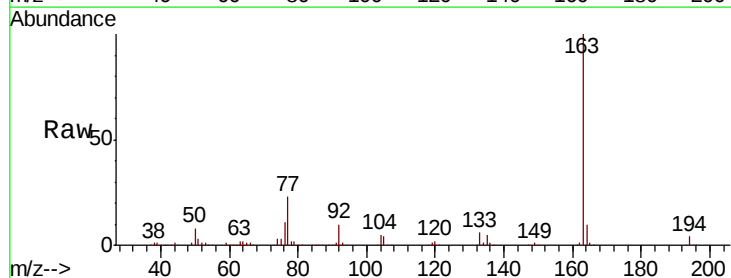
Instrument :
BNA_F
ClientSampleId :

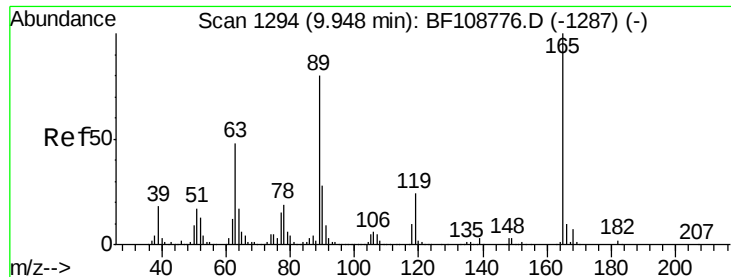
Tot Ion:172 Resp: 1464037
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.9 19.6 29.4



#49
Dimethylphthalate
Concen: 25.904 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Tgt Ion:163 Resp: 636904
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

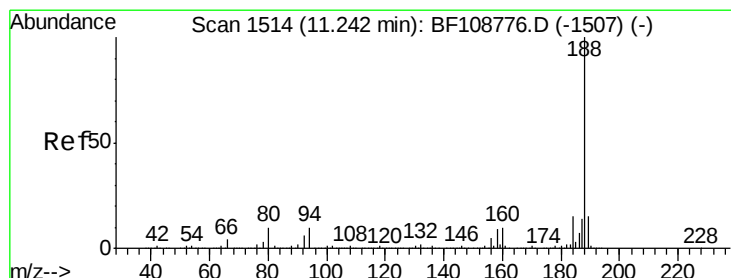
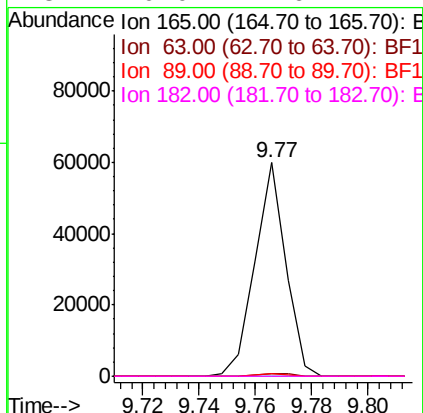
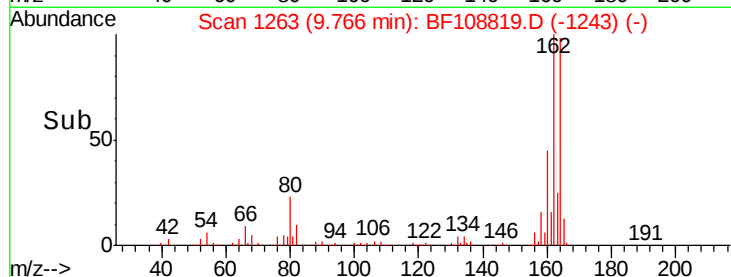
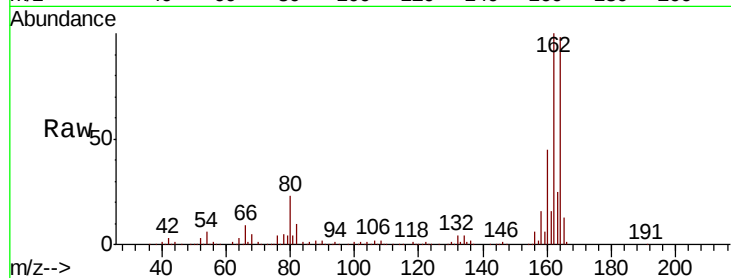




#56
 2,4-Dinitrotoluene
 Concen: 7.583 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108819.D
 Acq: 6 Sep 2018 12:05

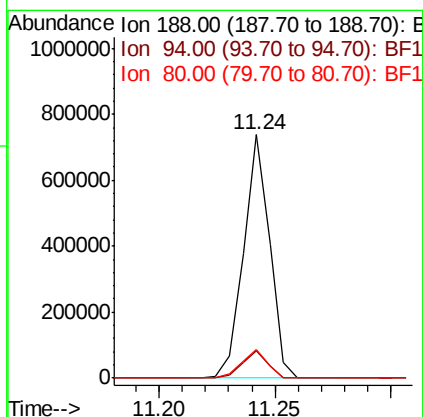
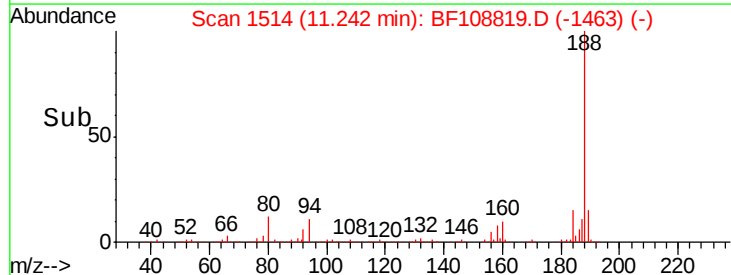
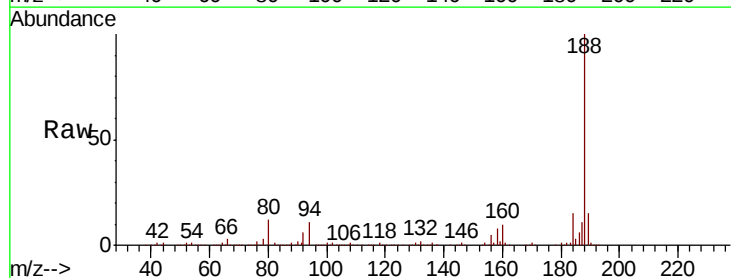
Instrument :
 BNA_F
 ClientSampleId :

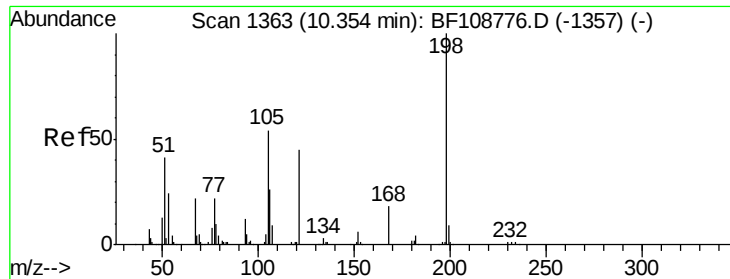
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108819.D
 Acq: 6 Sep 2018 12:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.2	13.8

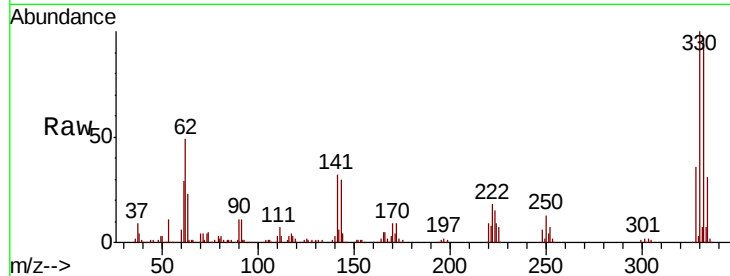




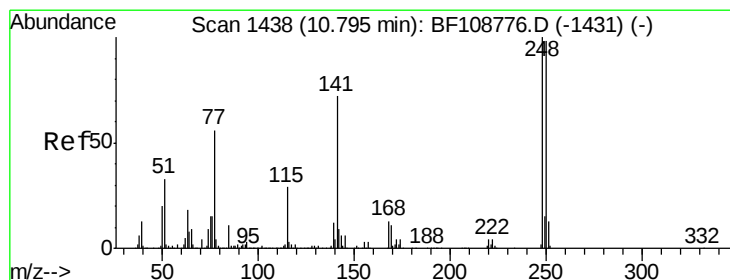
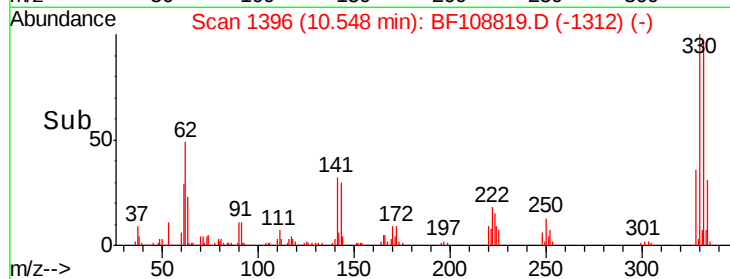
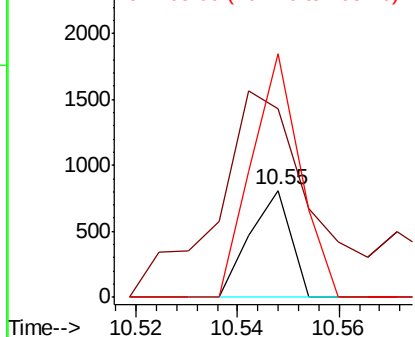
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.038 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108819.D
 Acq: 6 Sep 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 451
 Ion Ratio Lower Upper
 198 100
 51 176.0 37.7 77.7#
 105 227.5 36.3 76.3#

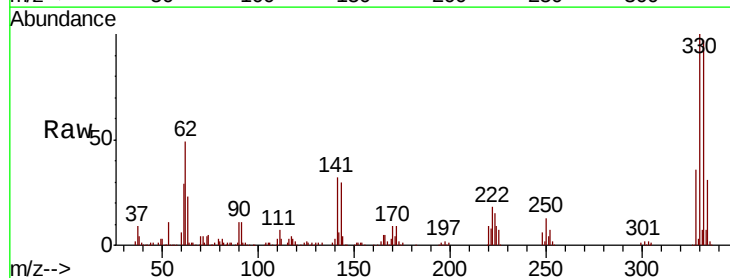


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

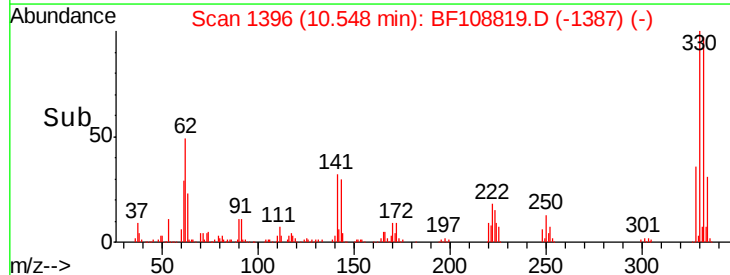
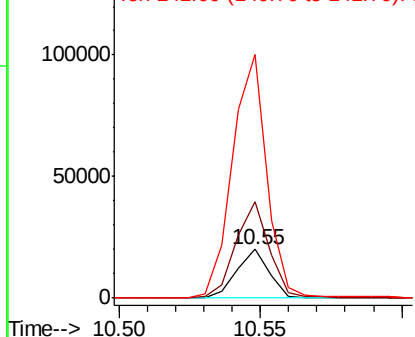


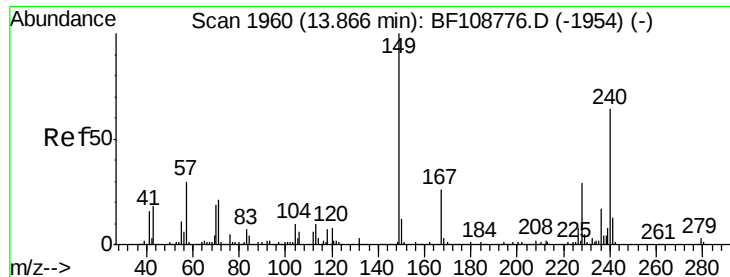
#66
 4-Bromophenyl-phenylether
 Concen: 2.445 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108819.D
 Acq: 6 Sep 2018 12:05

Tgt Ion:248 Resp: 16042
 Ion Ratio Lower Upper
 248 100
 250 198.7 76.9 115.3#
 141 498.7 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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

Instrument :

BNA_F

ClientSampleId :

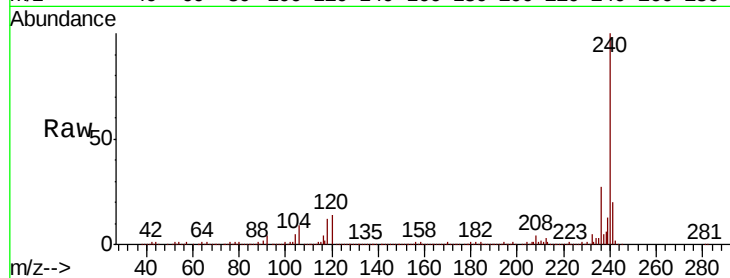
Tot Ion:240 Resp: 598942

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

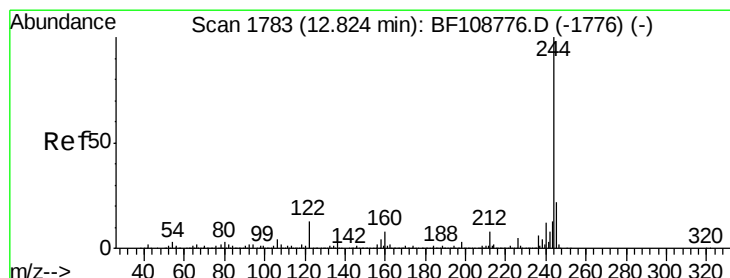
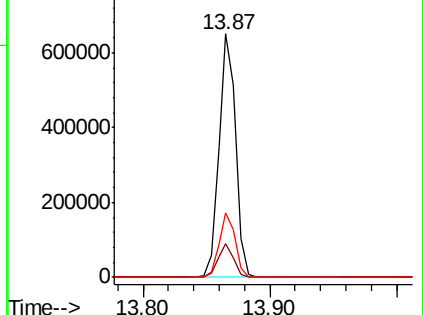
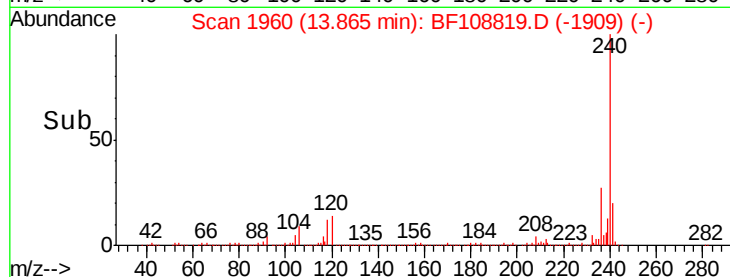
236 26.6 20.7 31.1



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: 47.693 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108819.D

Acq: 6 Sep 2018 12:05

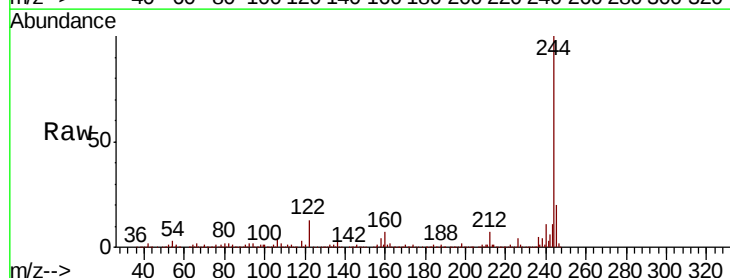
Tgt Ion:244 Resp: 1224980

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

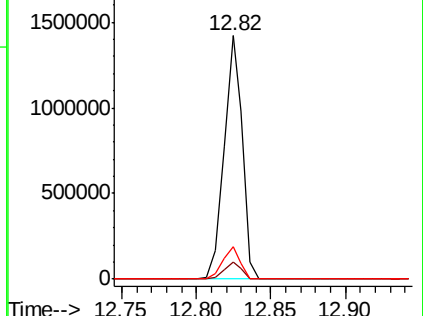
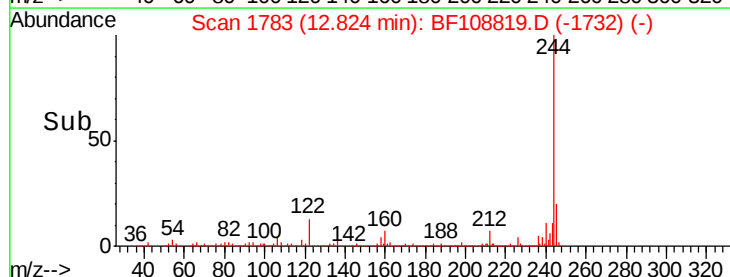
122 13.3 11.0 16.4

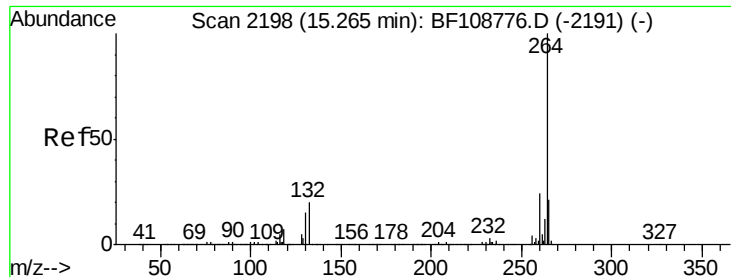


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

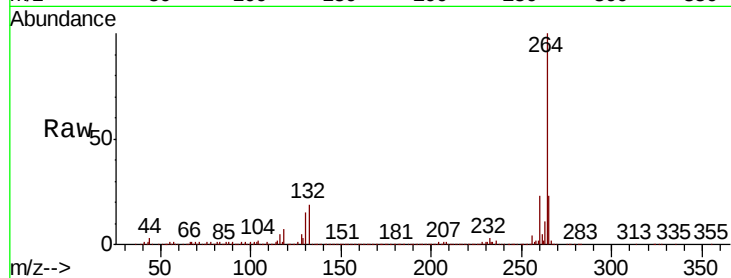




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108819.D
Acq: 6 Sep 2018 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.9	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

