

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108515.D
 Acq On : 27 Aug 2018 17:21
 Operator : JU/SJ
 Sample : J4538-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 18:06:05 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

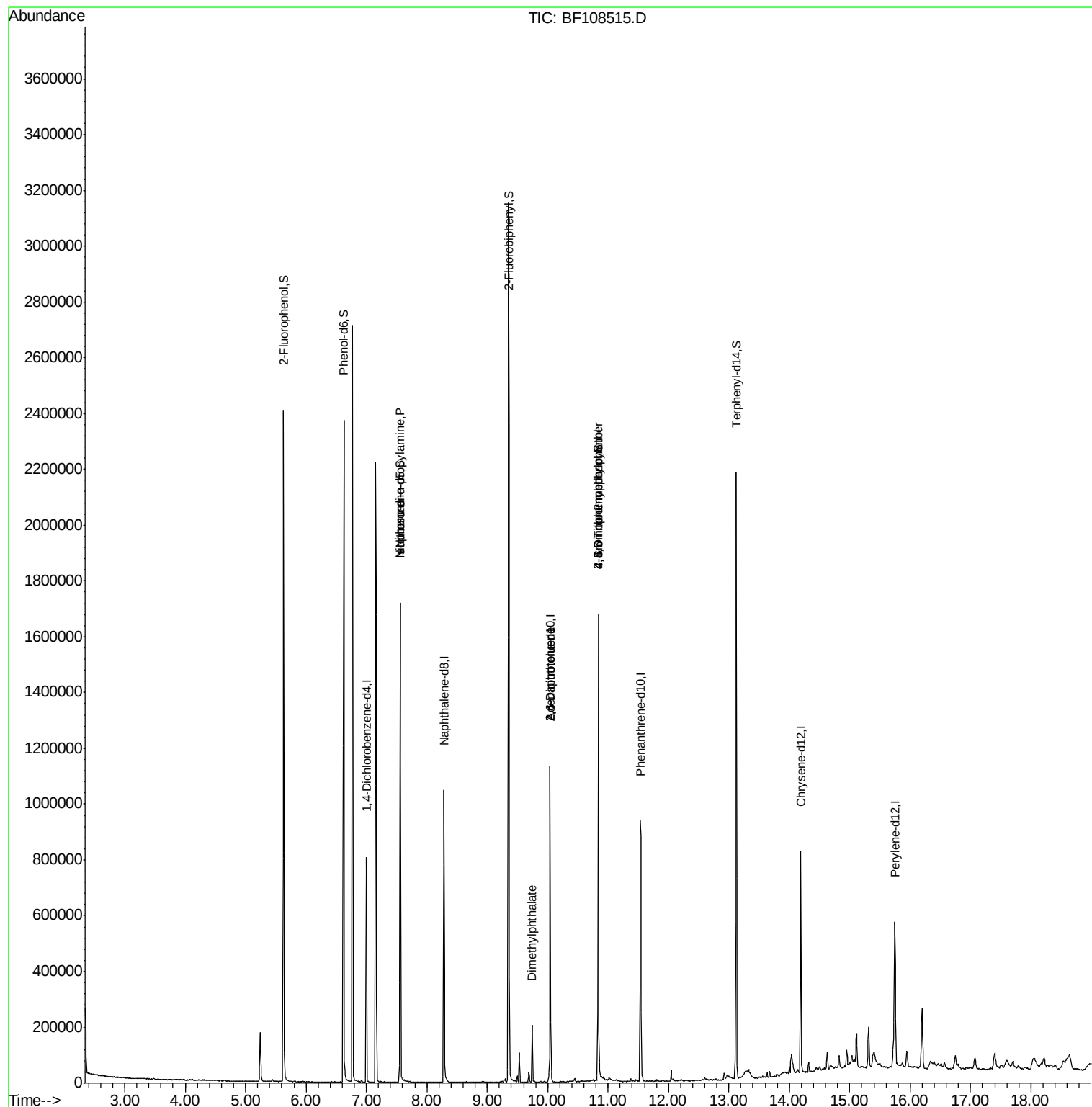
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117082	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	449390	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	215536	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	364490	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	285141	20.00	ng	-0.01
86) Perylene-d12	15.75	264	263252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	584790	90.43	ng	0.00
7) Phenol-d6	6.62	99	790225	91.95	ng	0.00
23) Nitrobenzene-d5	7.56	82	530119	65.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	187511	87.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	984937	73.37	ng	-0.01
78) Terphenyl-d14	13.12	244	714286	63.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	71262	12.262	ng	# 83
25) Isophorone	7.56	82	530114	34.535	ng	# 64
49) Dimethylphthalate	9.74	163	84122	5.603	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	26870	8.554	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	26870	6.646	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	326	5.570	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12345	3.117	ng	# 1

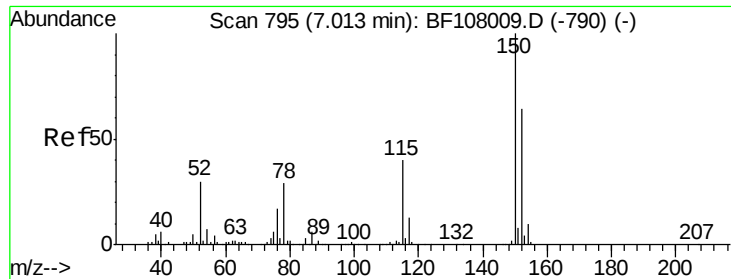
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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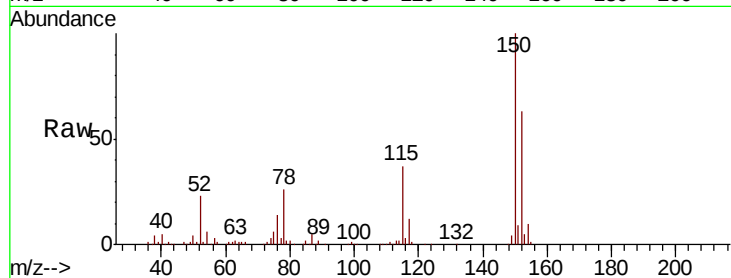


#1

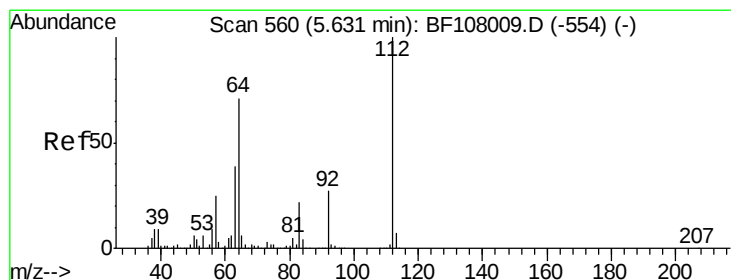
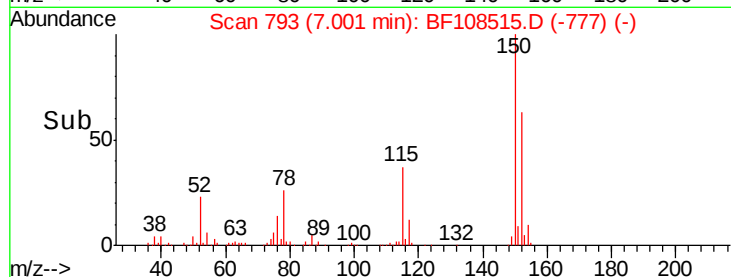
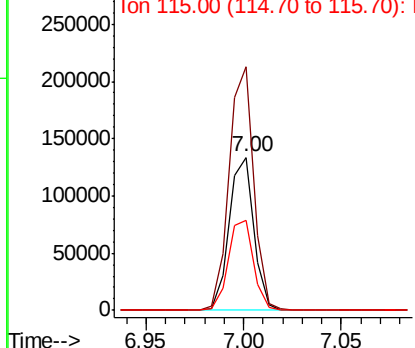
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	58.9	50.1	75.1



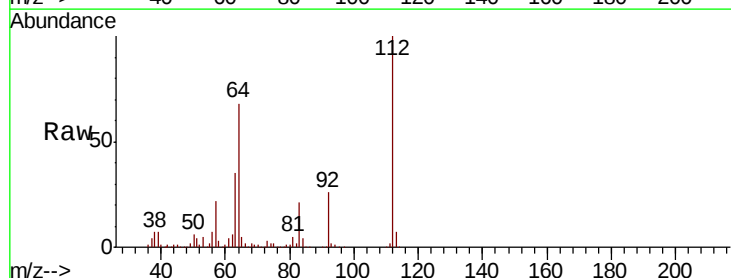
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



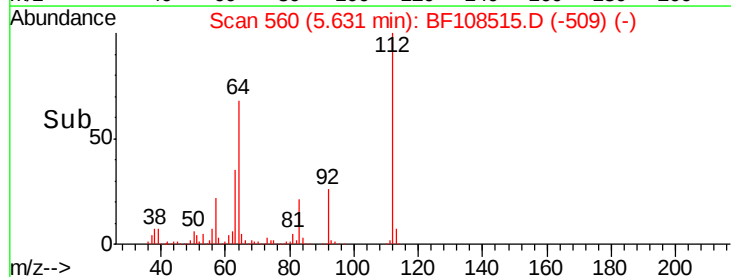
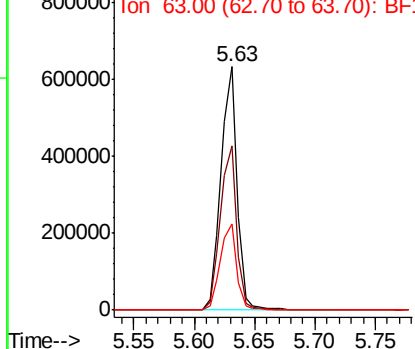
#5

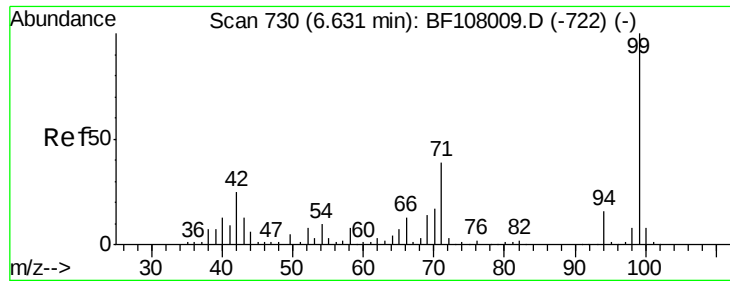
2-Fluorophenol
Concen: 90.427 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	35.4	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: 91.953 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108515.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

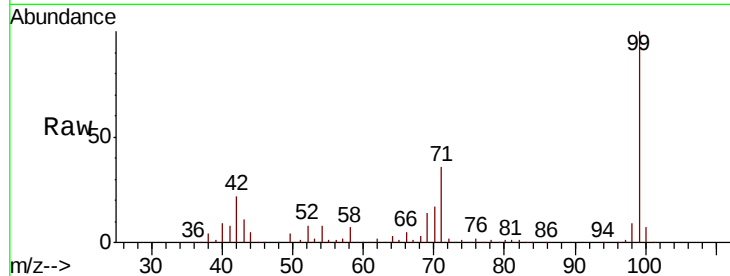
Tot Ion: 99 Resp: 790225

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

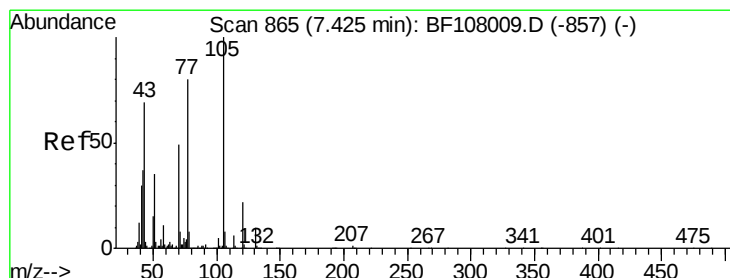
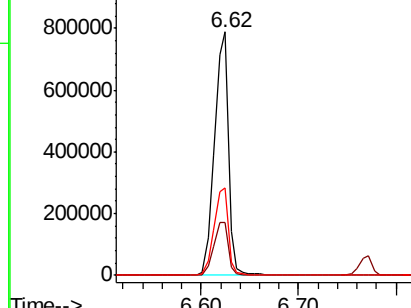
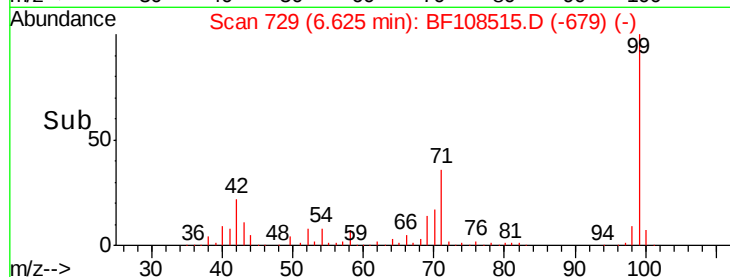
71 35.8 25.4 38.0



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: 12.262 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108515.D

Acq: 27 Aug 2018 17:21

Tgt Ion: 70 Resp: 71262

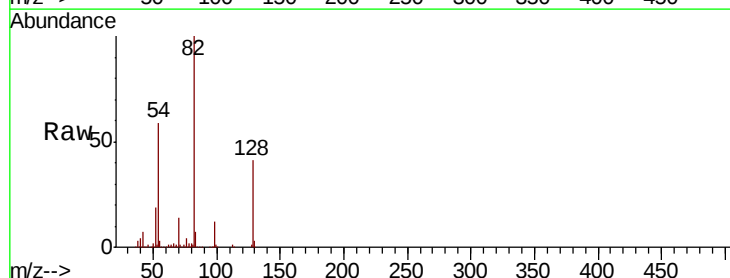
Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

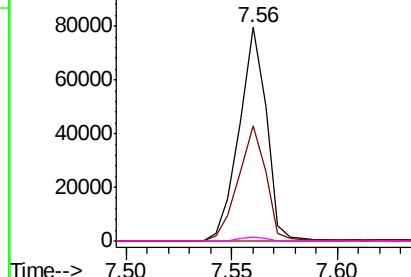
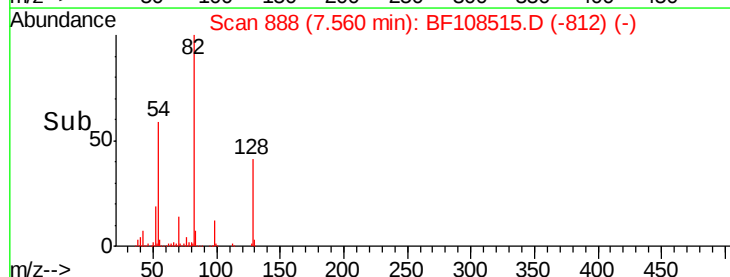


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

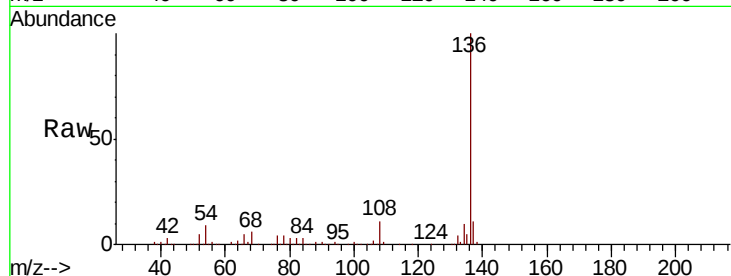
Delta R.T. -0.01 min

Lab File: BF108515.D

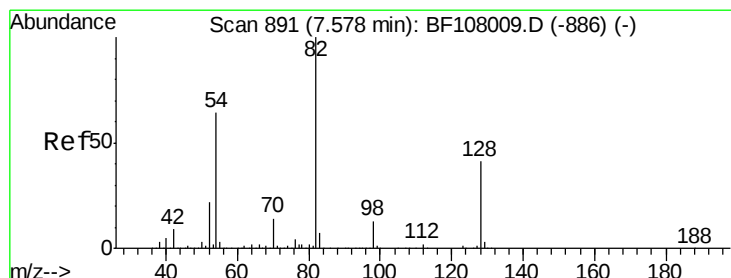
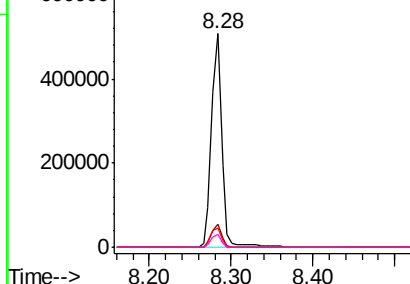
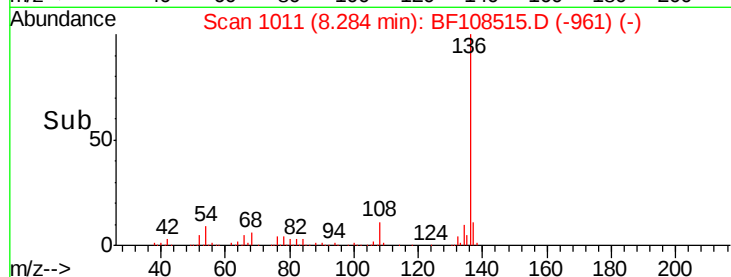
Acq: 27 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	449390
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.0	6.6 9.8
68	5.8	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: 65.826 ng

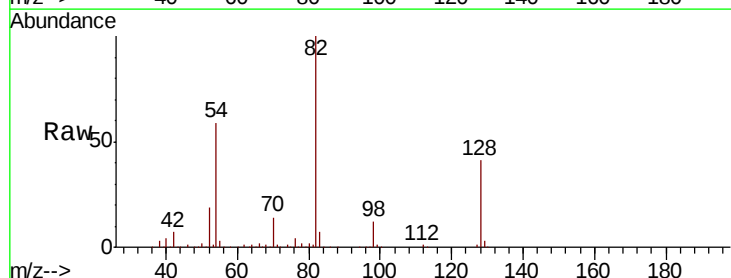
RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

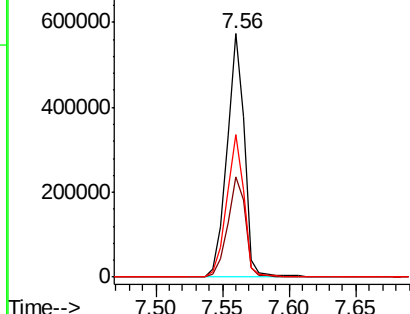
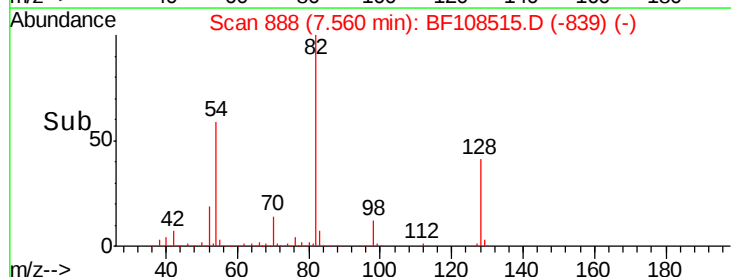
Lab File: BF108515.D

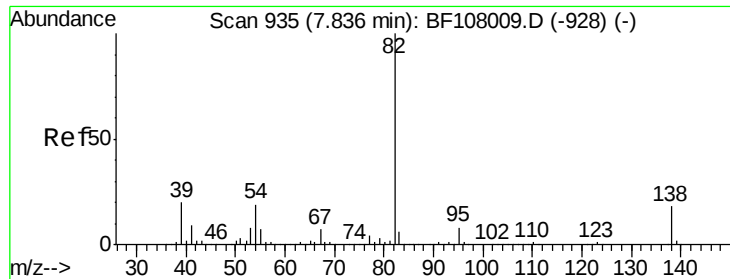
Acq: 27 Aug 2018 17:21

Tgt Ion: 82	Resp:	530119
Ion	Ratio	Lower Upper
82	100	
128	41.0	36.1 54.1
54	58.6	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

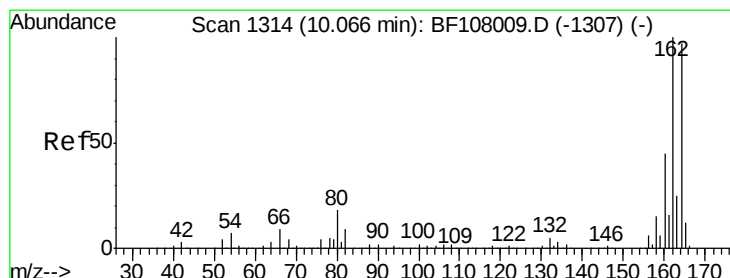
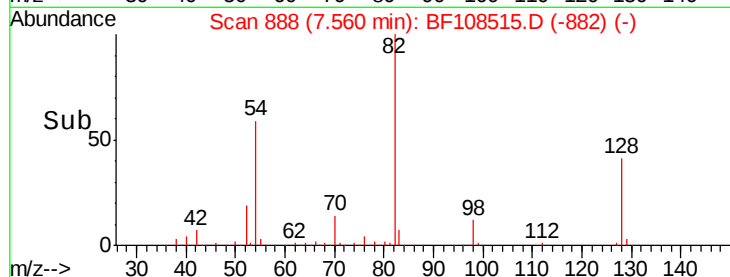
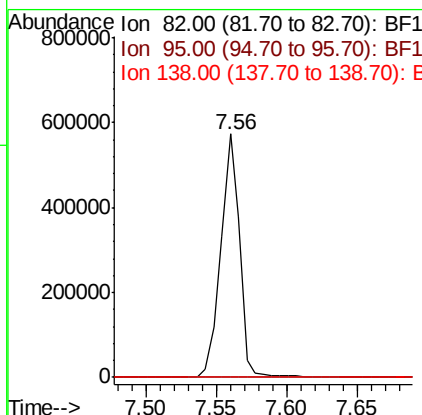
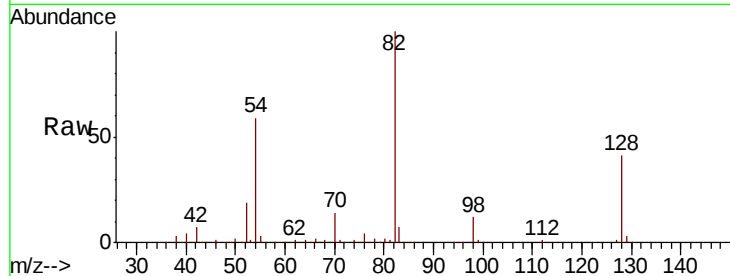




#25
Isophorone
Concen: 34.535 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

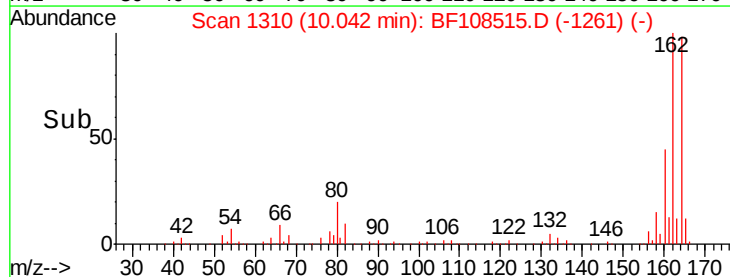
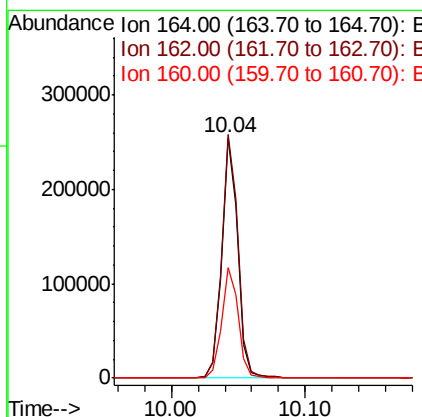
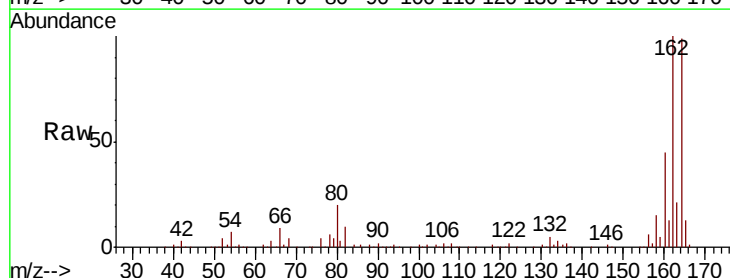
Instrument :
BNA_F
ClientSampleId :

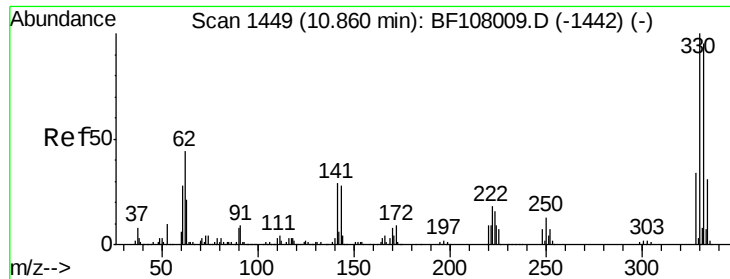
Tot Ion: 82 Resp: 530114
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Tgt Ion:164 Resp: 215536
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 46.1 38.3 57.5

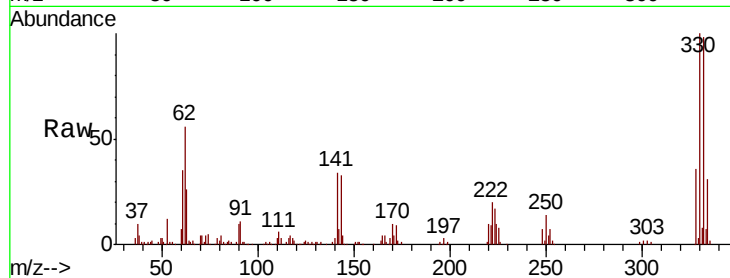




#41
 2,4,6-Tribromophenol
 Concen: 87.218 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108515.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.1	29.9	44.9

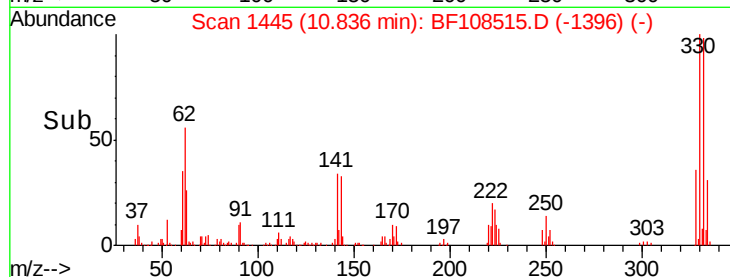
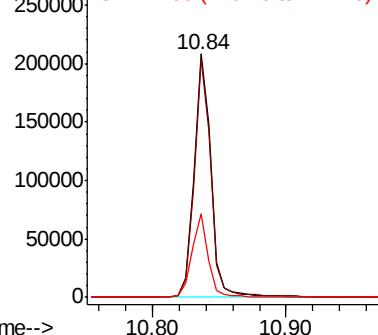


Abundance

Ion 329.80 (329.50 to 330.50): E

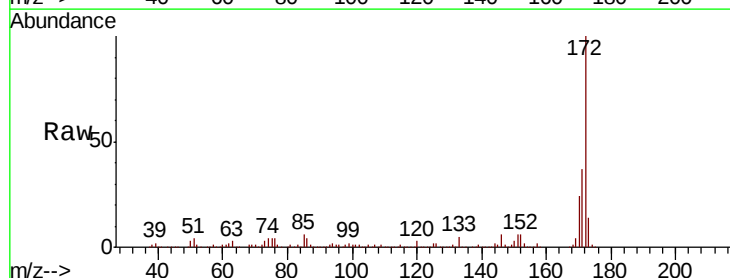
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.365 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108515.D
 Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

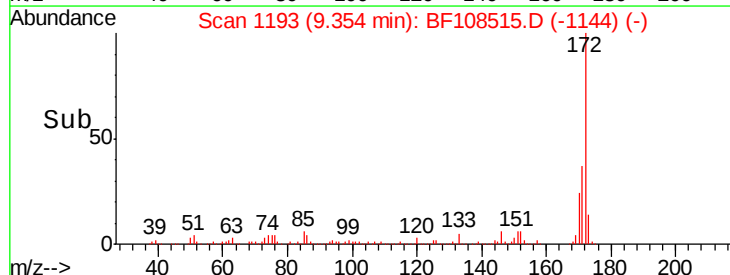
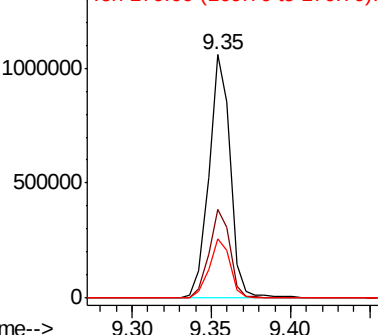


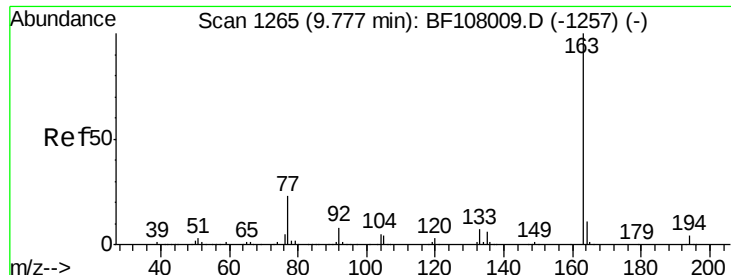
Abundance

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

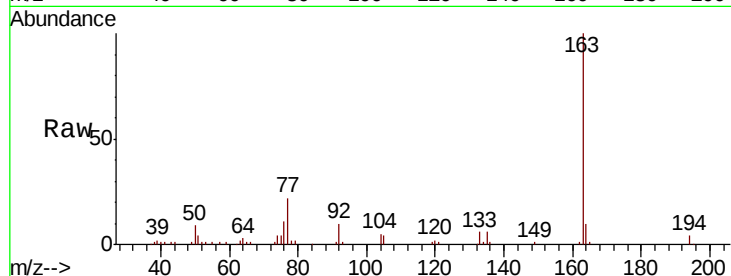




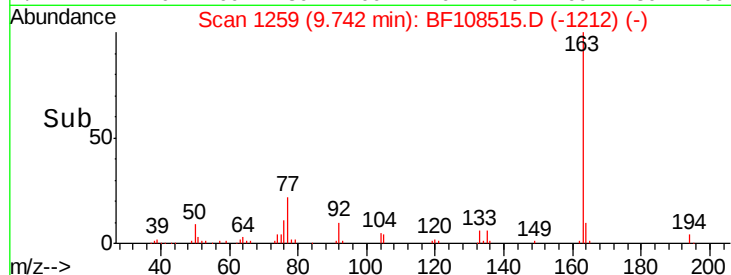
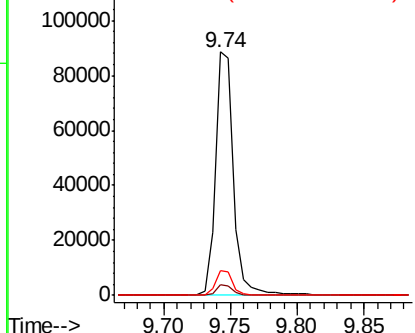
#49
Dimethylphthalate
Concen: 5.603 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 84122
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.3 8.2 12.2

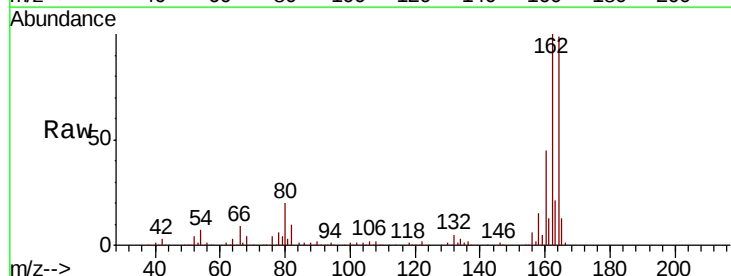


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

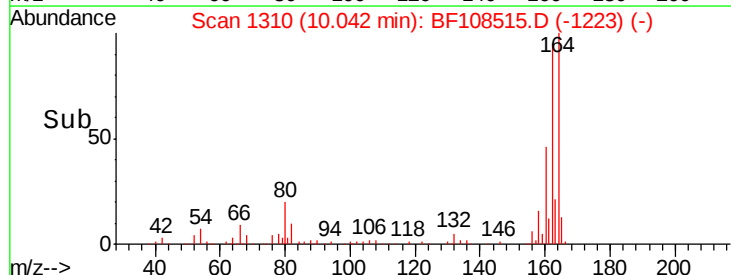
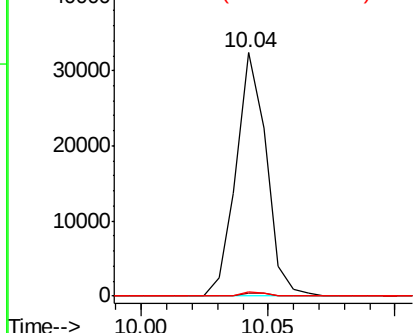


#50
2,6-Dinitrotoluene
Concen: 8.554 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Tgt Ion:165 Resp: 26870
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.5 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

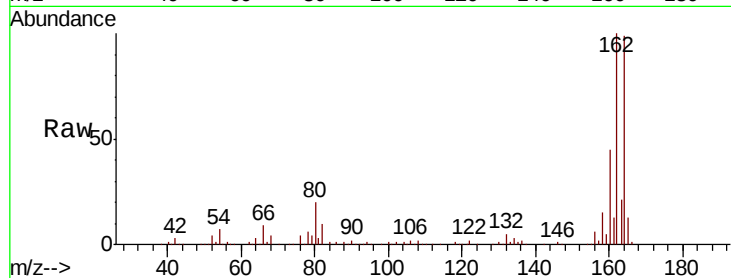




#56
 2,4-Dinitrotoluene
 Concen: 6.646 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108515.D
 Acq: 27 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



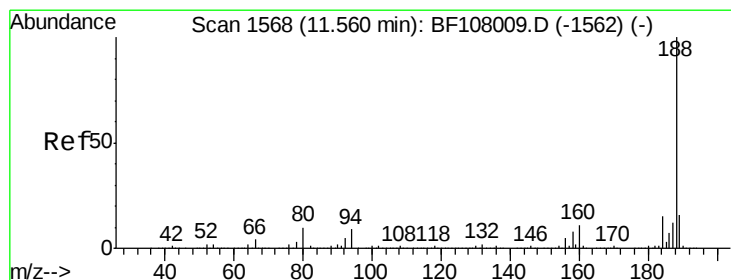
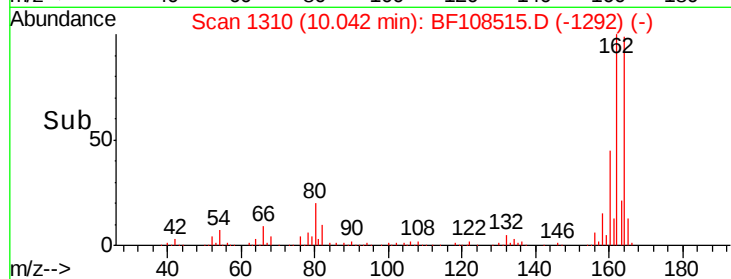
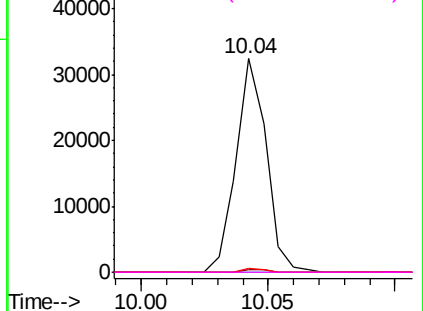
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

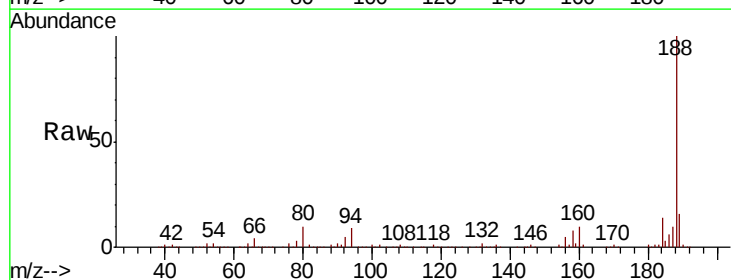
Ion 89.00 (88.70 to 89.70): BF1

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: BF108515.D
 Acq: 27 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8

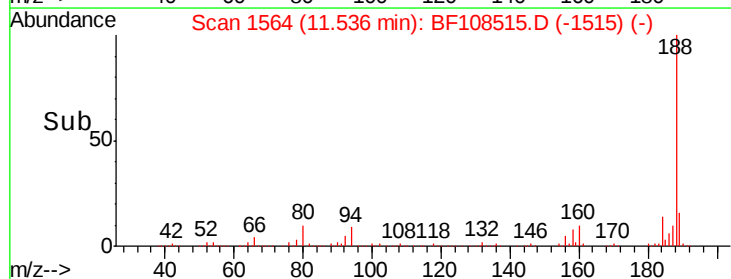
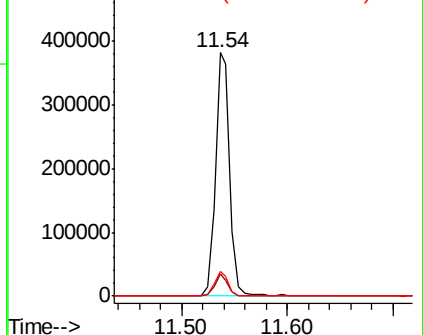


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

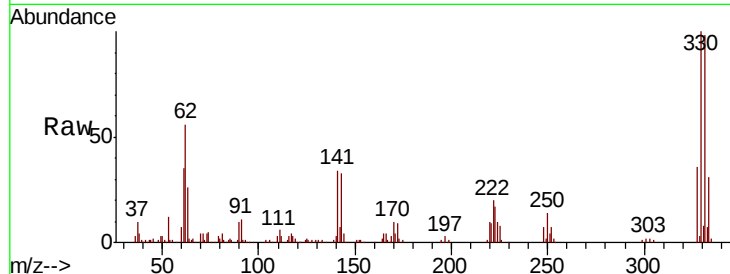




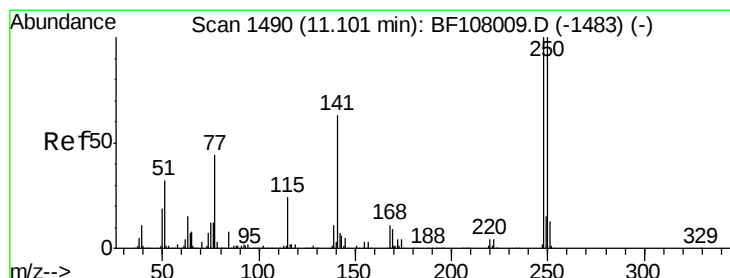
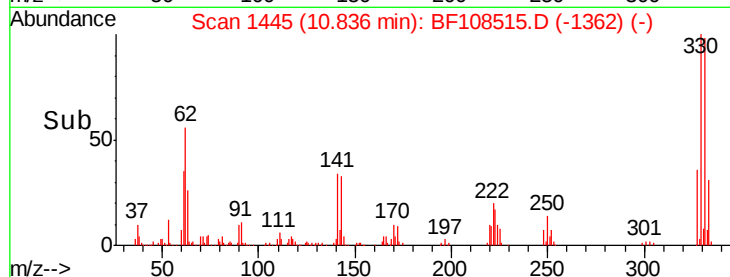
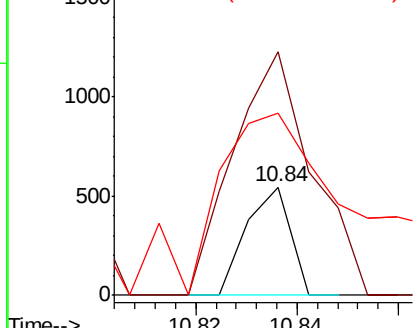
#64
4,6-Dinitro-2-methylphenol
Concen: 5.570 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 326
Ion Ratio Lower Upper
198 100
51 225.4 37.7 77.7#
105 168.6 36.3 76.3#

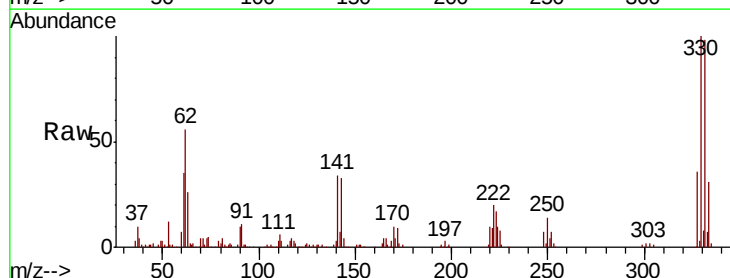


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

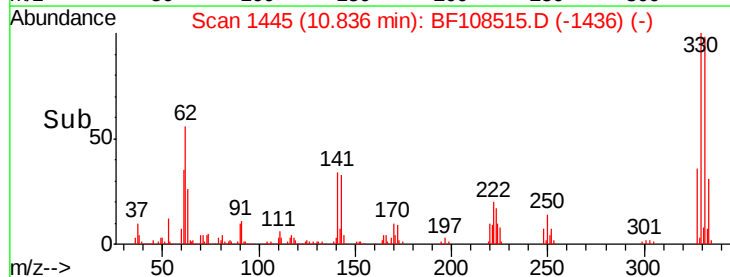
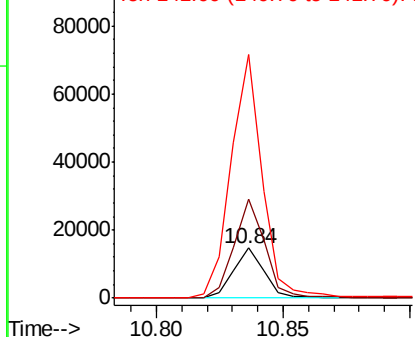


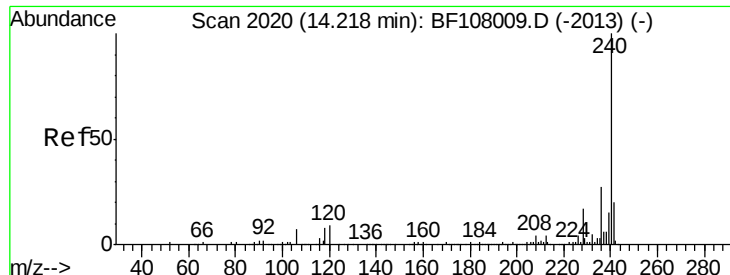
#66
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Tgt Ion:248 Resp: 12345
Ion Ratio Lower Upper
248 100
250 196.7 76.9 115.3#
141 485.2 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: BF108515.D

Acq: 27 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

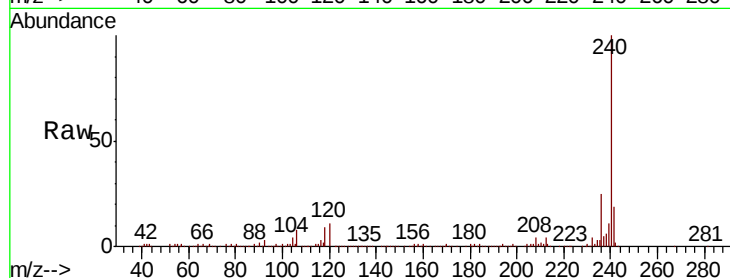
Tot Ion:240 Resp: 285141

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

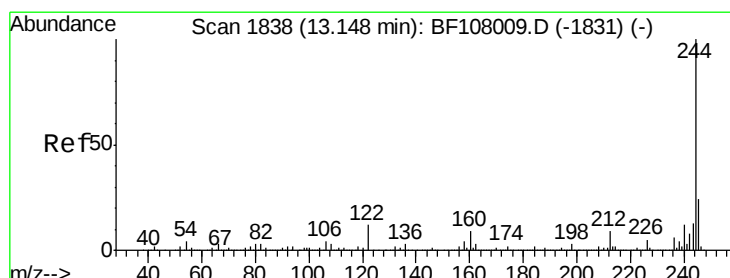
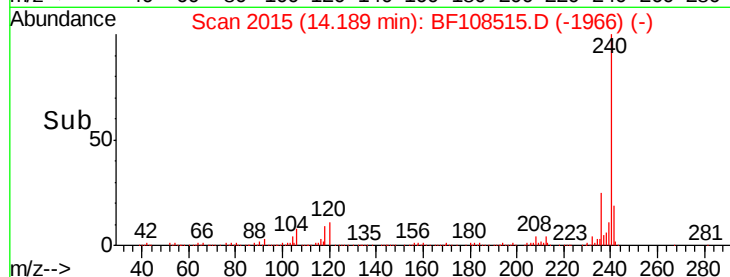
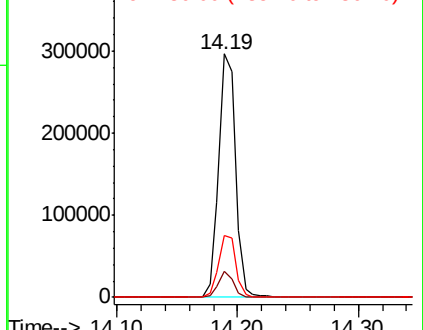
236 25.4 20.7 31.1



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: 63.692 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108515.D

Acq: 27 Aug 2018 17:21

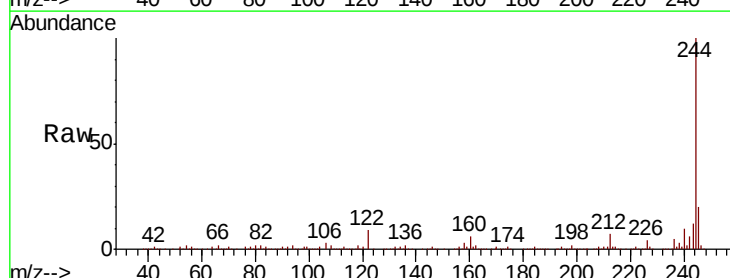
Tgt Ion:244 Resp: 714286

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

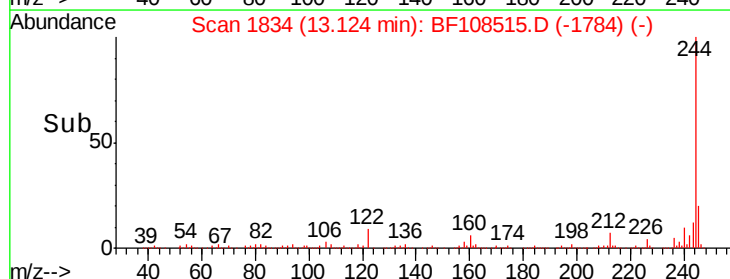
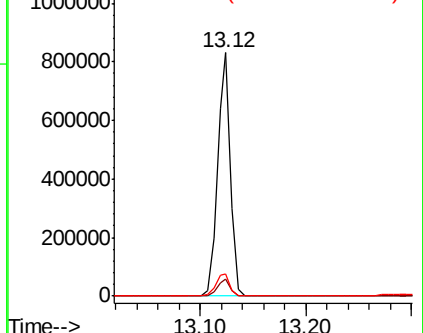
122 9.0 11.0 16.4

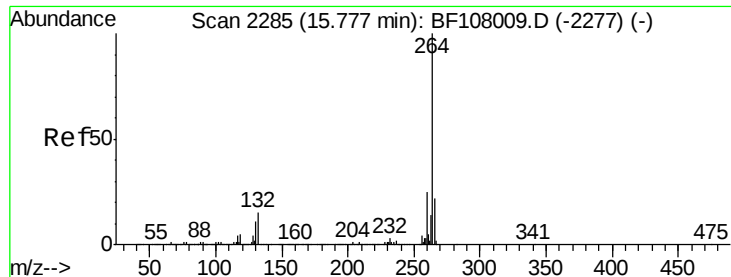


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108515.D
Acq: 27 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

