

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108402.D
 Acq On : 22 Aug 2018 23:54
 Operator : JU/SJ
 Sample : J4553-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 02:18:12 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

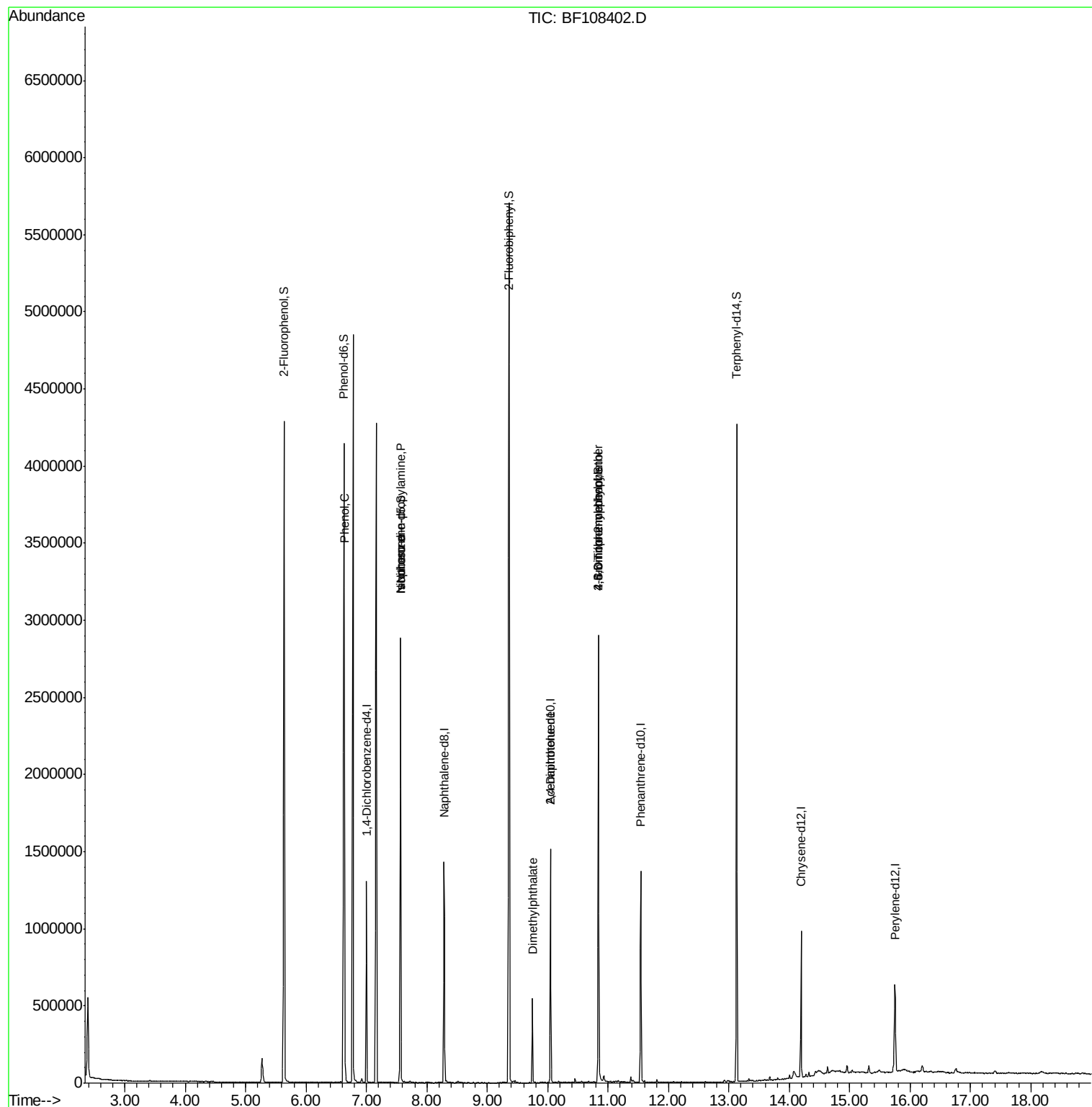
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172687	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	624770	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	283672	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	467107	20.00	ng	0.00
75) Chrysene-d12	14.19	240	318782	20.00	ng	0.00
86) Perylene-d12	15.75	264	275604	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1259063	132.00	ng	0.00
7) Phenol-d6	6.63	99	1690623	133.38	ng	0.00
23) Nitrobenzene-d5	7.57	82	1094651	97.77	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	347867	122.94	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1874681	106.10	ng	0.00
78) Terphenyl-d14	13.13	244	1396761	111.40	ng	0.00
Target Compounds						
10) Phenol	6.64	94	31510	2.403	ng	92
19) n-Nitroso-di-n-propylamine	7.57	70	150049	17.506	ng	# 81
25) Isophorone	7.57	82	1094642	51.294	ng	# 64
49) Dimethylphthalate	9.75	163	198544	10.048	ng	98
56) 2,4-Dinitrotoluene	10.05	165	35839	6.735	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	623	5.674	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	22451	4.423	ng	# 1

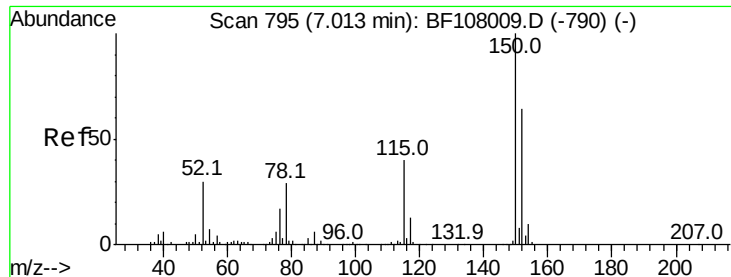
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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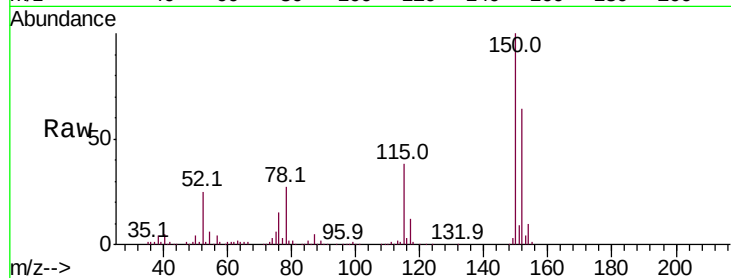


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.5	50.1	75.1

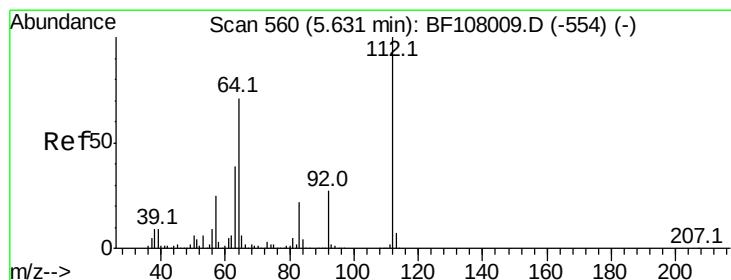
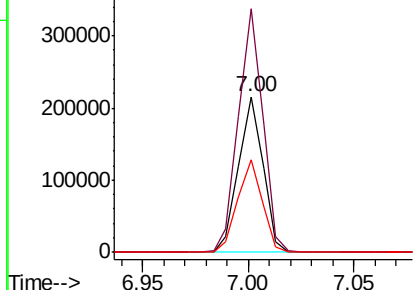
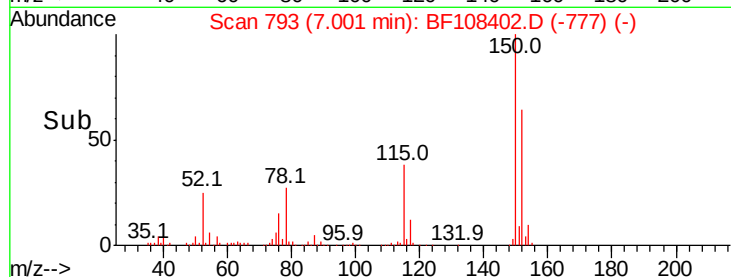


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

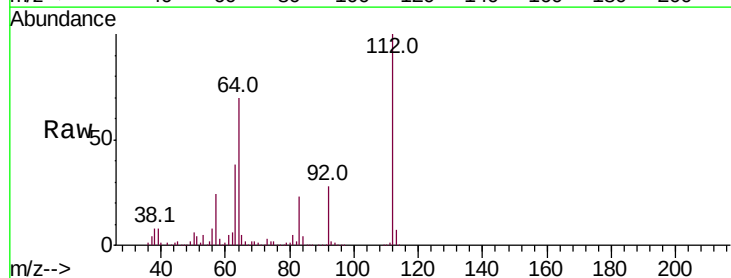
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.000 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	38.1	23.7	35.5

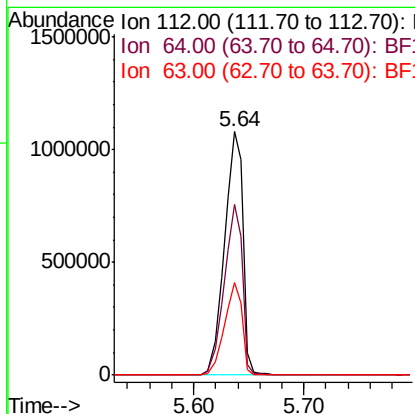
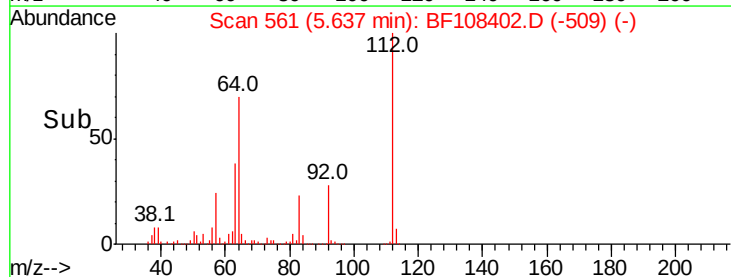


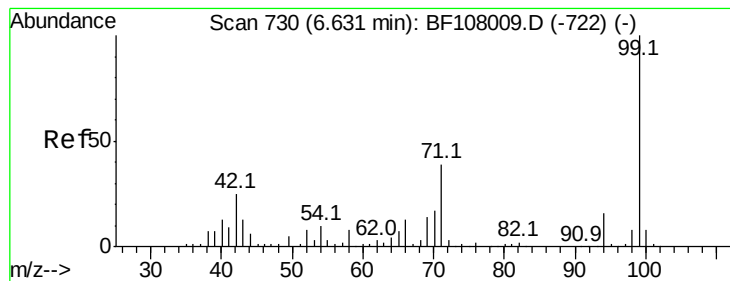
Abundance

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: 133.381 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

Instrument :

BNA_F

ClientSampleId :

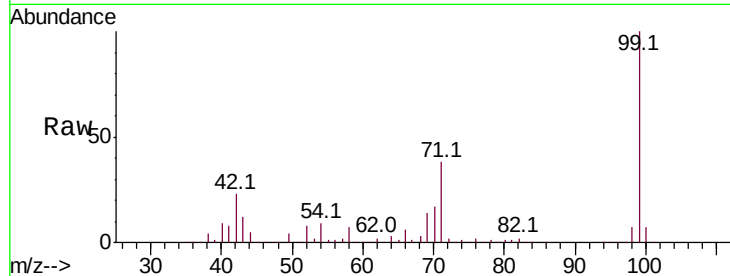
Tot Ion: 99 Resp: 1690623

Ion Ratio Lower Upper

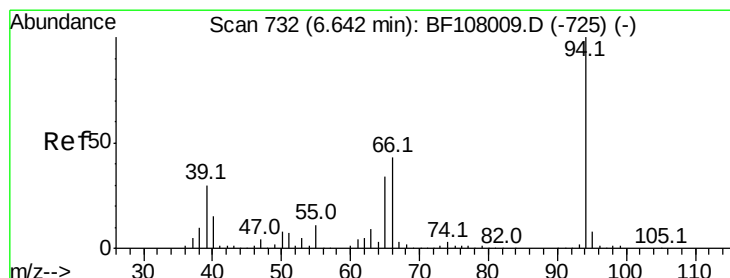
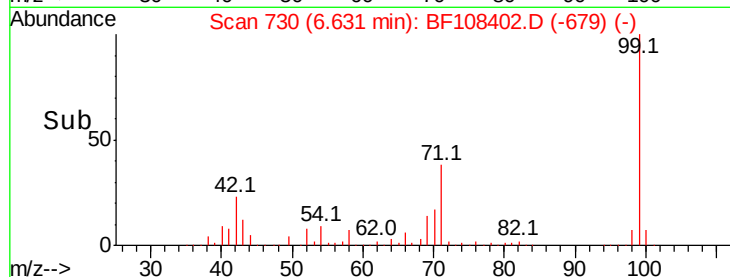
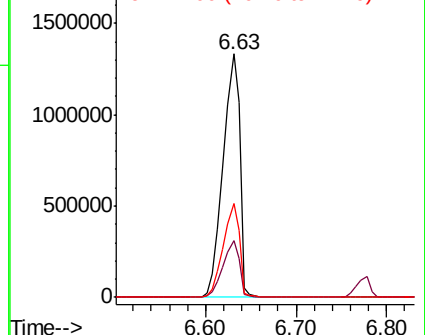
99 100

42 23.3 14.5 21.7#

71 38.3 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



#10

Phenol

Concen: 2.403 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

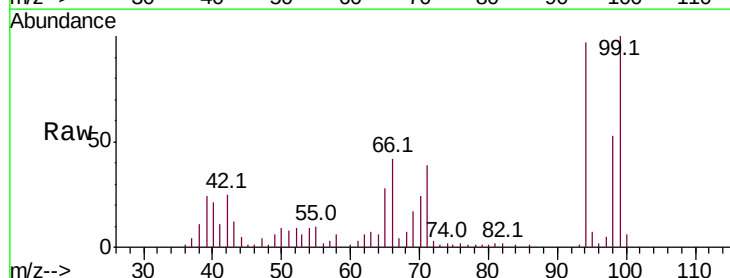
Tgt Ion: 94 Resp: 31510

Ion Ratio Lower Upper

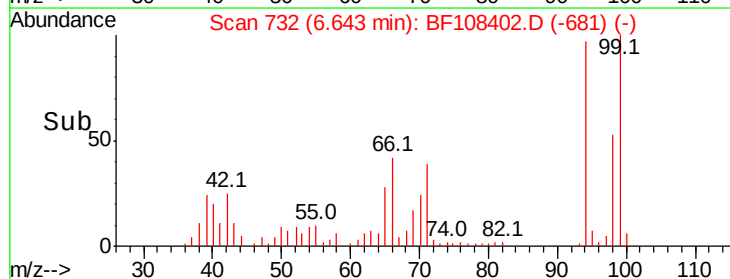
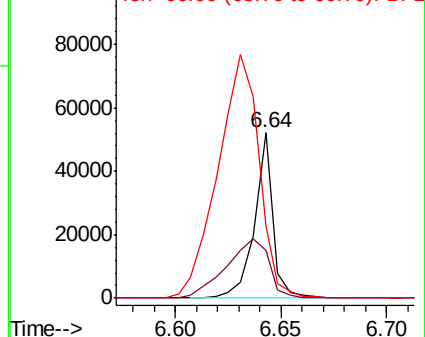
94 100

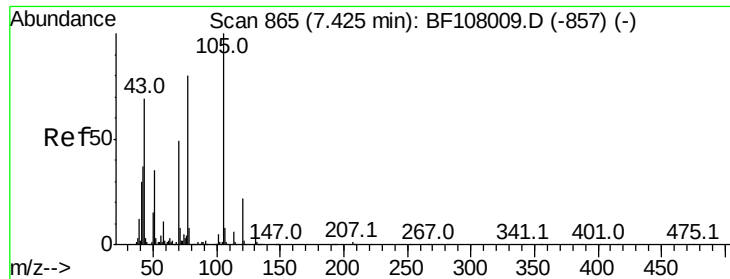
65 29.3 7.9 47.9

66 43.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

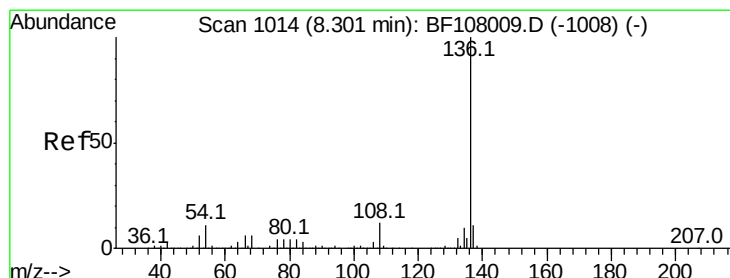
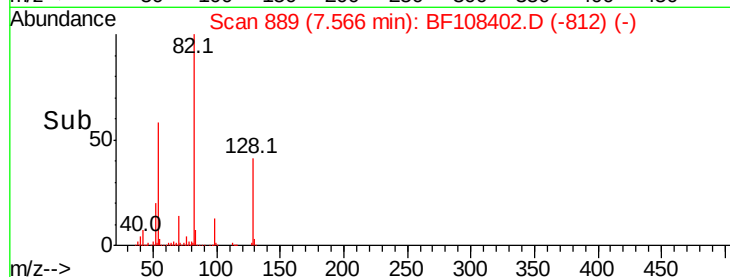
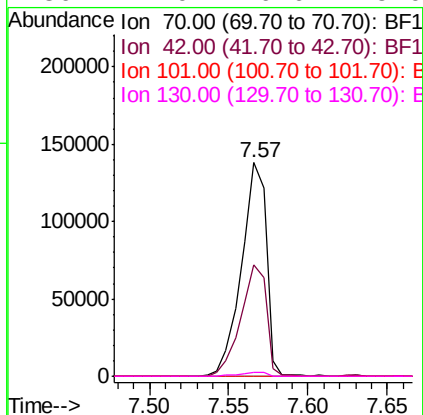
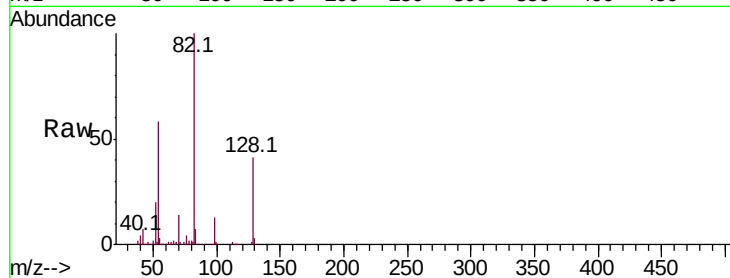




#19
n-Nitroso-di-n-propylamine
Concen: 17.506 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

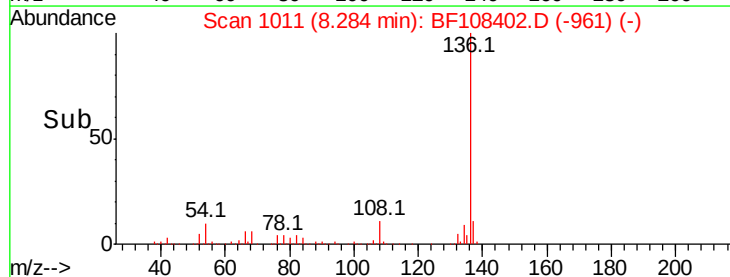
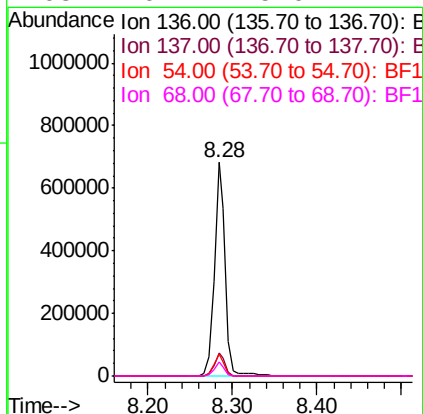
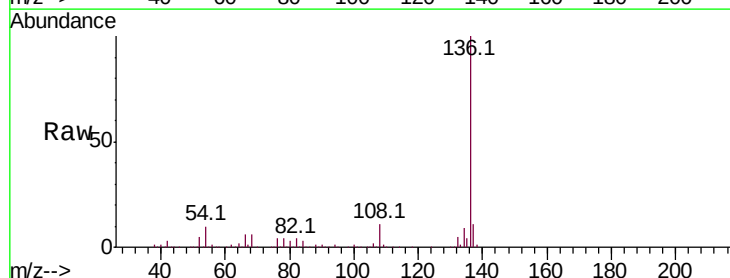
Instrument :
BNA_F
ClientSampleId :

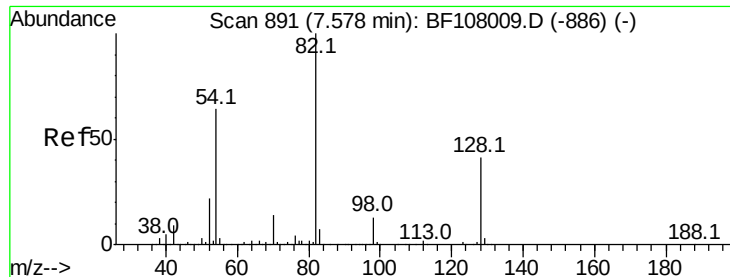
Tot Ion: 70 Resp: 150049
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion: 136 Resp: 624770
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 6.6 9.8#
68 6.4 5.0 7.4

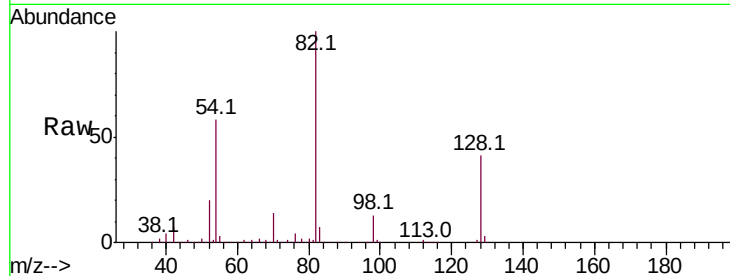




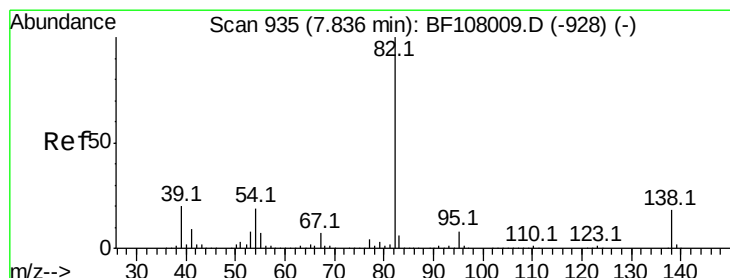
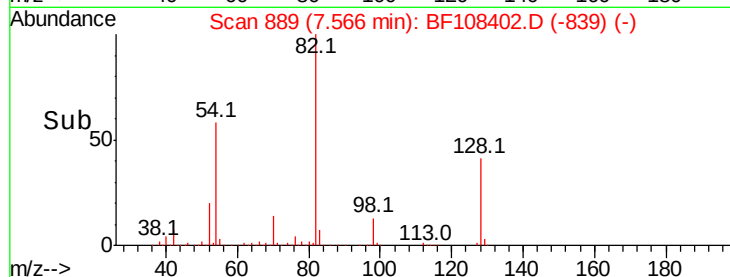
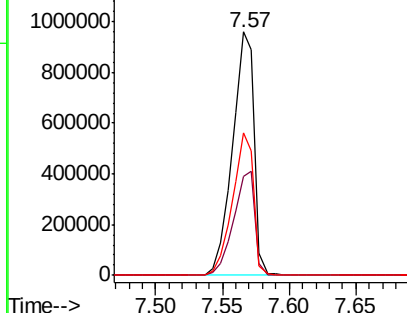
#23
Nitrobenzene-d5
Concen: 97.769 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1094651
Ion Ratio Lower Upper
82 100
128 40.6 36.1 54.1
54 58.4 41.4 62.2

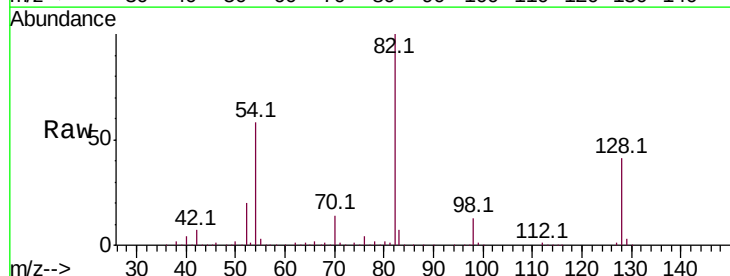


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

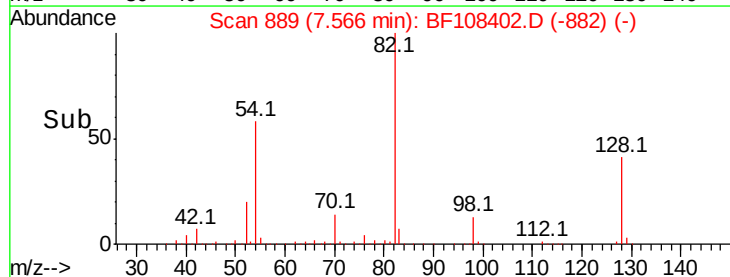
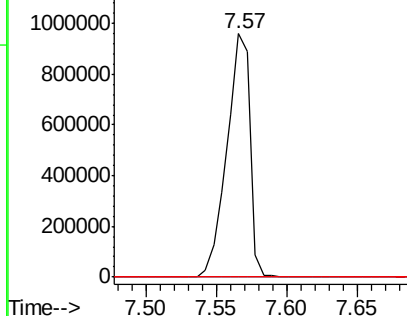


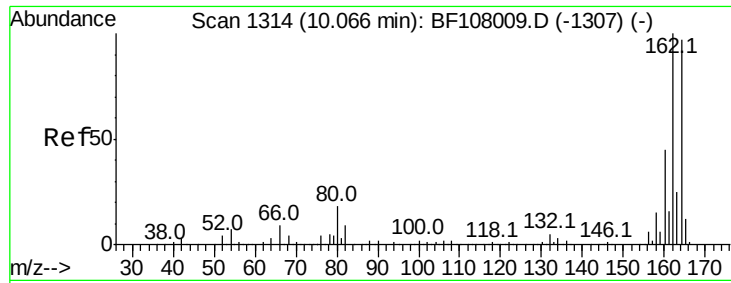
#25
Isophorone
Concen: 51.294 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion: 82 Resp: 1094642
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

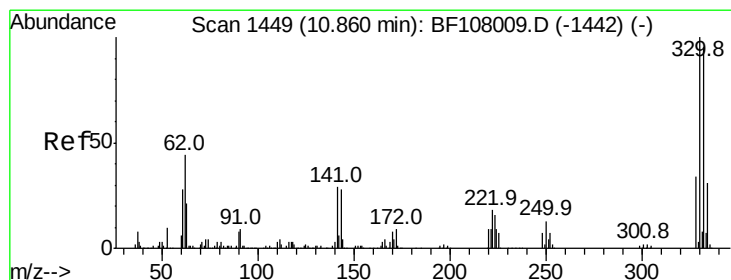
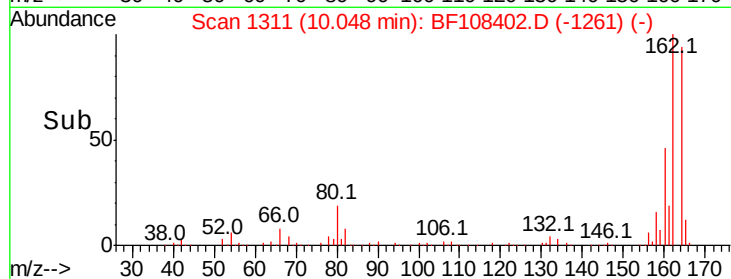
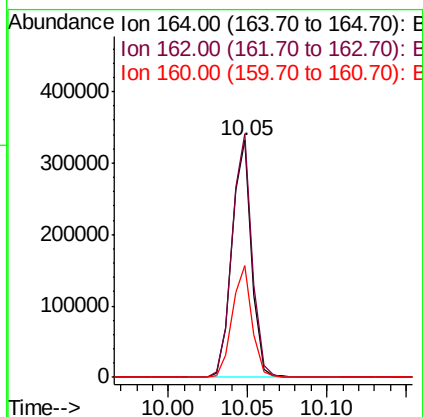
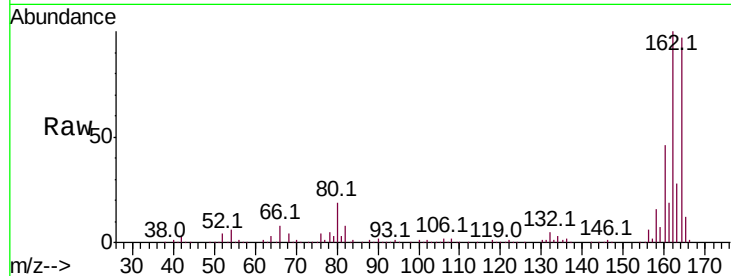




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

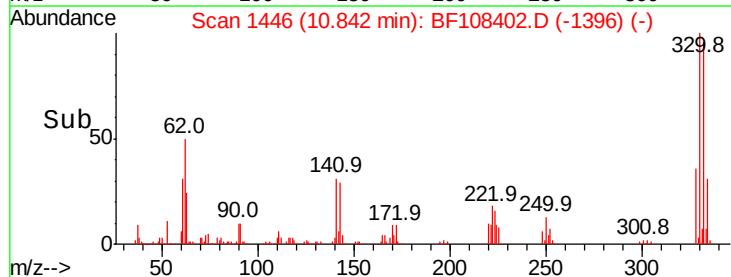
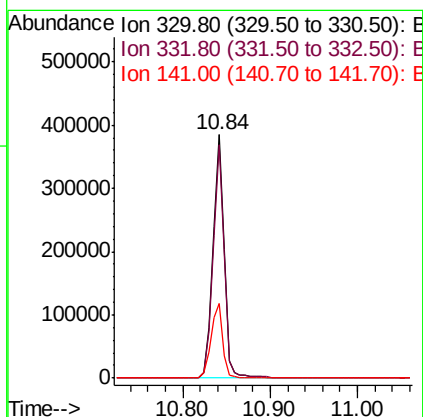
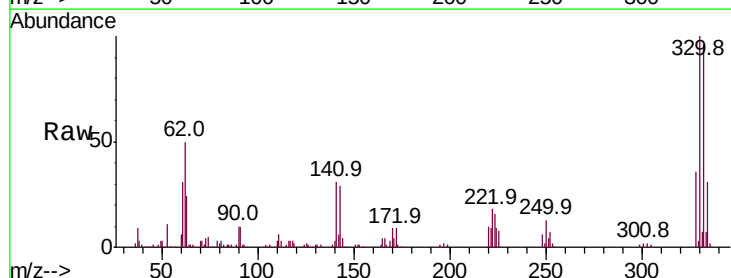
Instrument :
 BNA_F
 ClientSampleId :

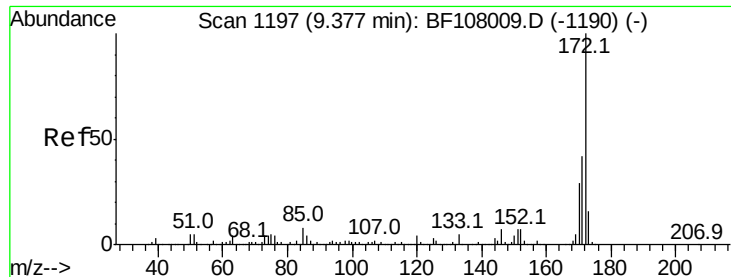
Tot Ion:164 Resp: 283672
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.940 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

Tgt Ion:330 Resp: 347867
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.9 29.9 44.9

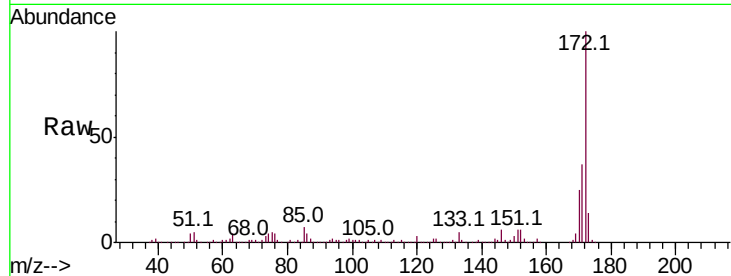




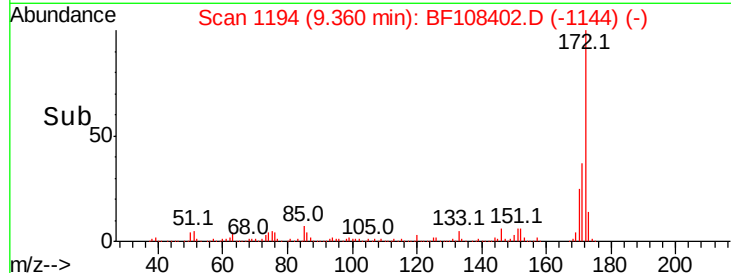
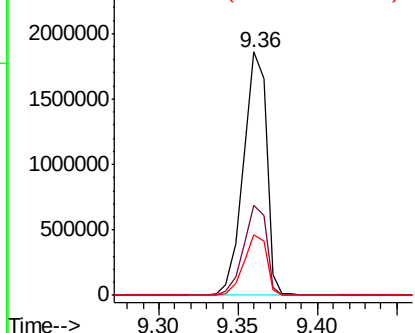
#44
2-Fluorobiphenyl
Concen: 106.099 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1874681
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.0 19.6 29.4

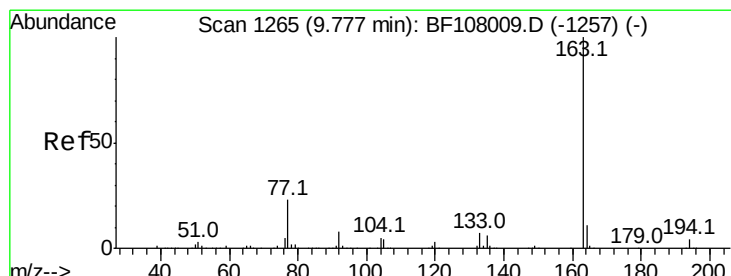


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

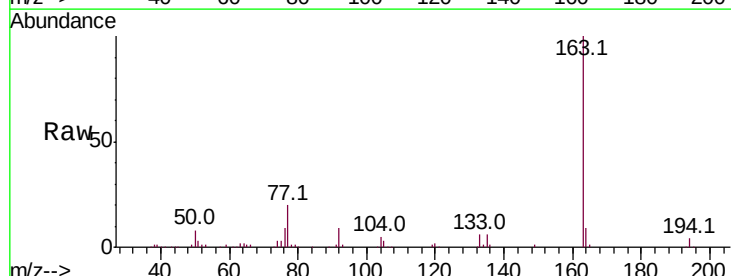
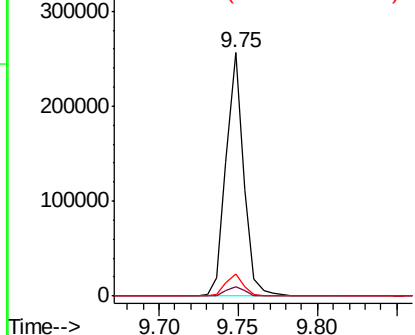


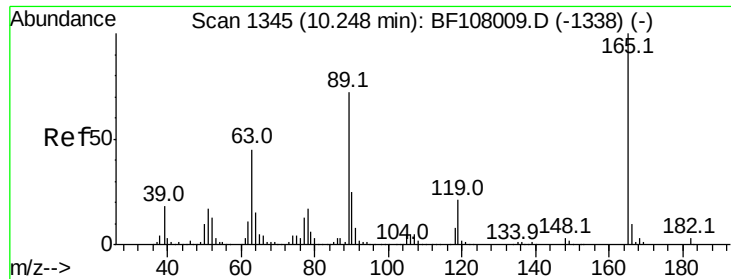
#49
Dimethylphthalate
Concen: 10.048 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108402.D
Acq: 22 Aug 2018 23:54

Tgt Ion:163 Resp: 198544
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.3 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

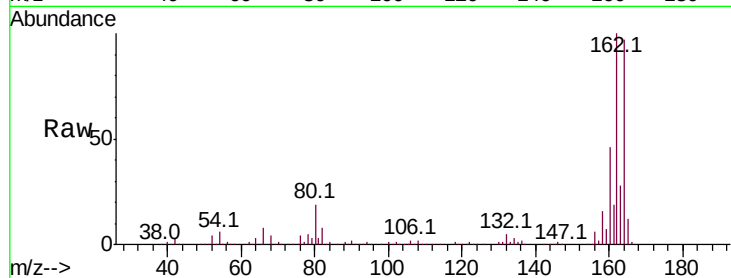




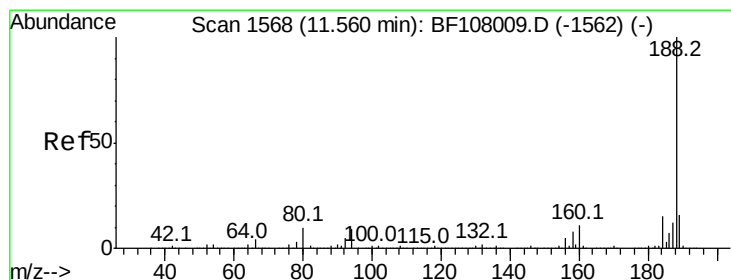
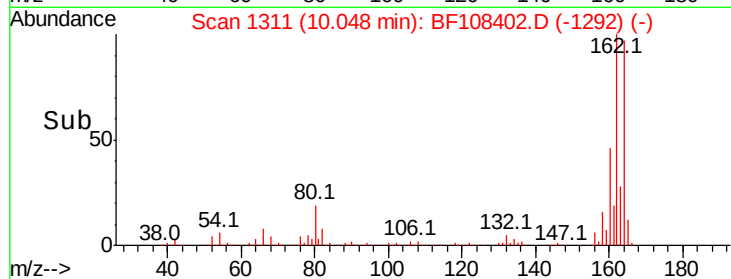
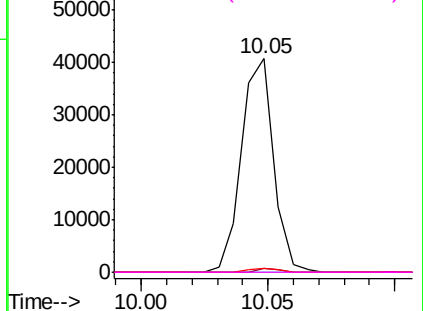
#56
 2,4-Dinitrotoluene
 Concen: 6.735 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.19 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	35839
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

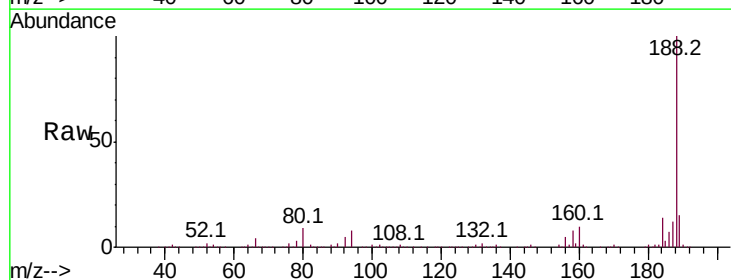


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

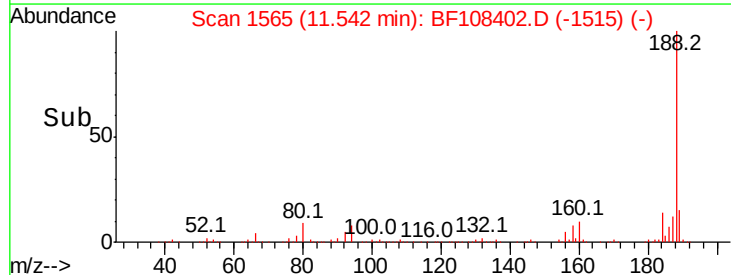
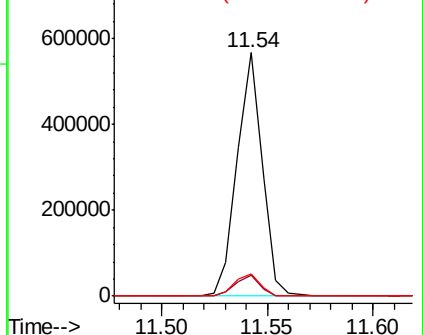


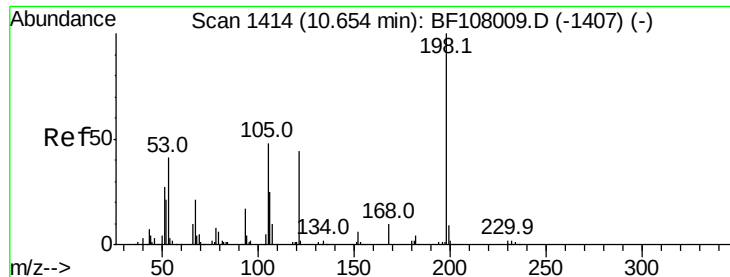
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108402.D
 Acq: 22 Aug 2018 23:54

Tgt Ion:	188	Resp:	467107
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.2	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: 5.674 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

Instrument :

BNA_F

ClientSampleId :

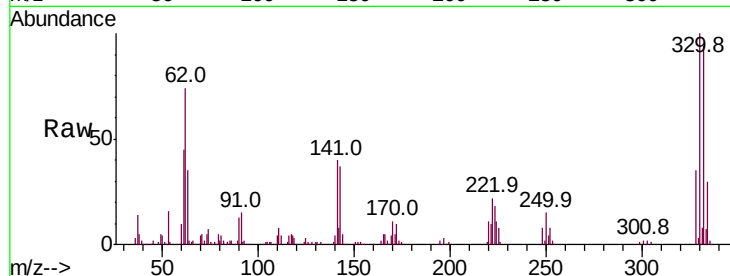
Tot Ion:198 Resp: 623

Ion Ratio Lower Upper

198 100

51 219.2 37.7 77.7#

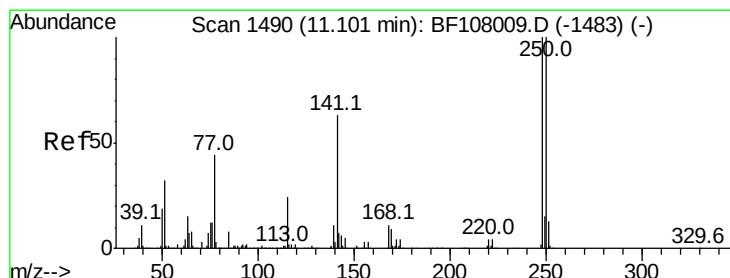
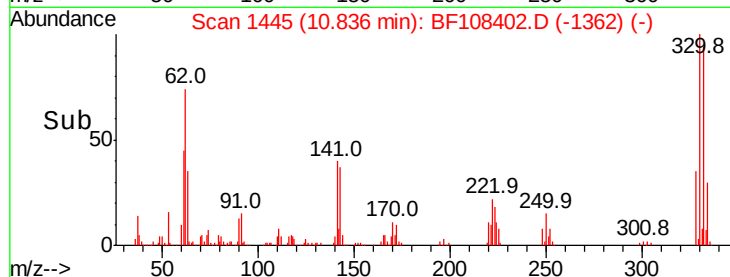
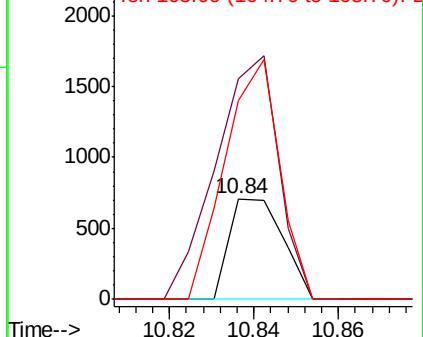
105 197.0 36.3 76.3#



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: 4.423 ng

RT: 10.84 min Scan# 1446

Delta R.T. -0.24 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

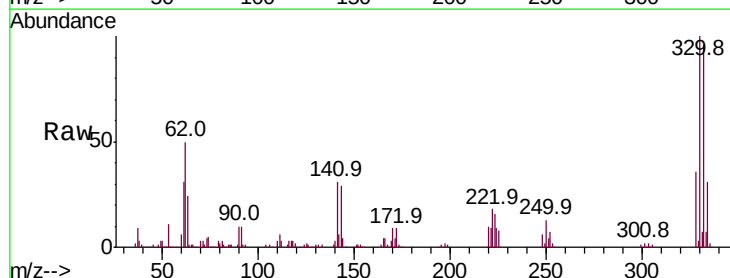
Tgt Ion:248 Resp: 22451

Ion Ratio Lower Upper

248 100

250 203.6 76.9 115.3#

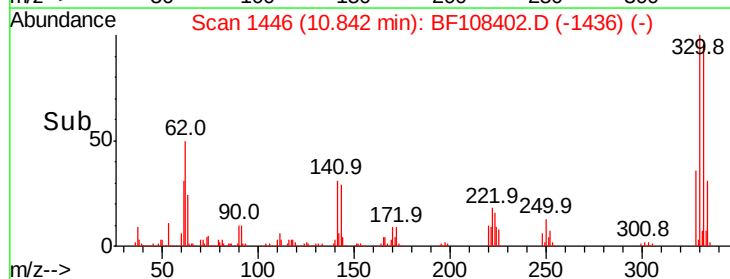
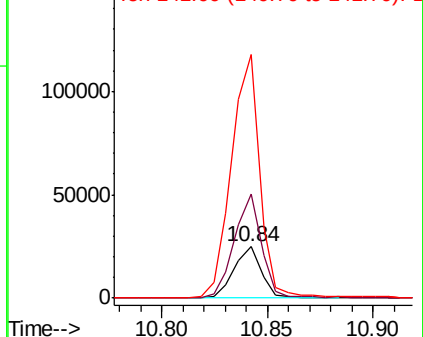
141 474.2 74.4 111.6#

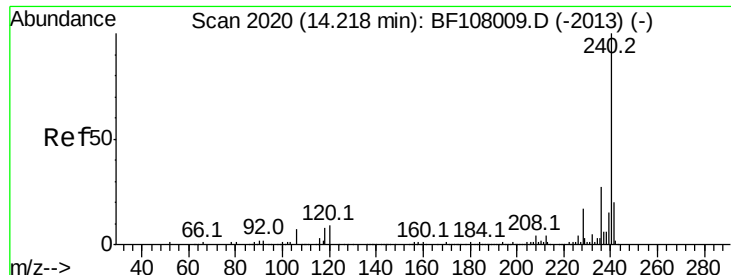


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2016

Delta R.T. -0.01 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

Instrument :

BNA_F

ClientSampled :

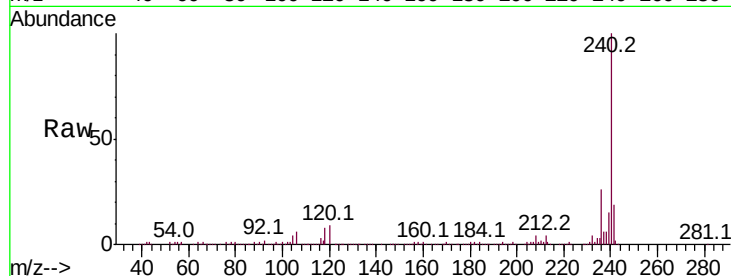
Tot Ion:240 Resp: 318782

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

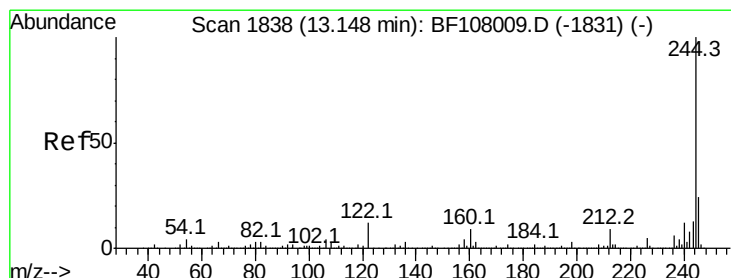
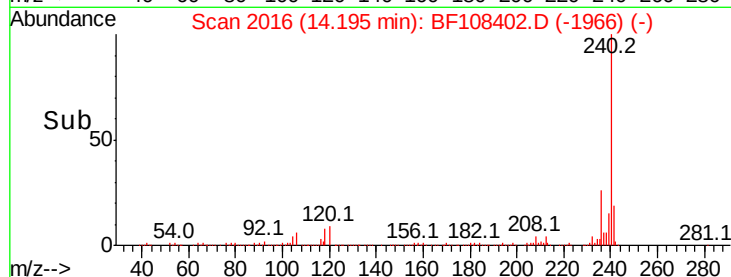
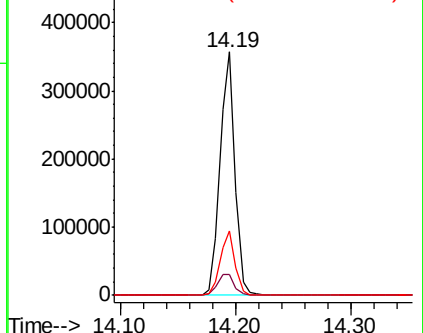
236 26.2 20.7 31.1



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: 111.404 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108402.D

Acq: 22 Aug 2018 23:54

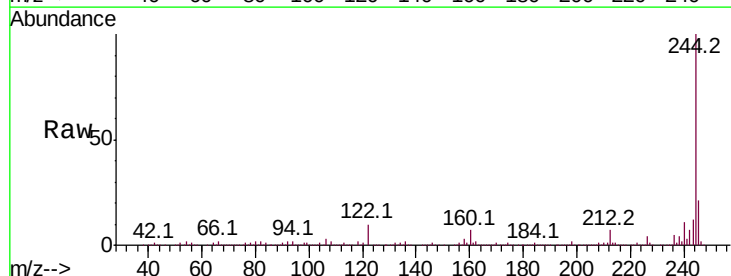
Tgt Ion:244 Resp: 1396761

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

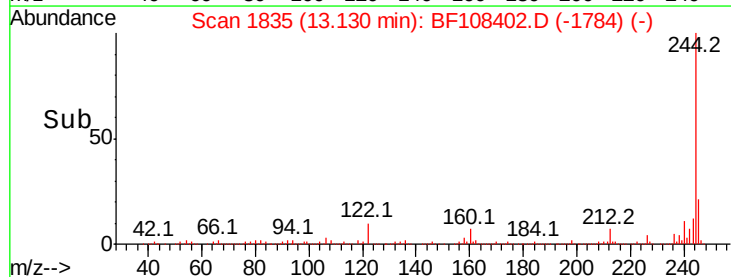
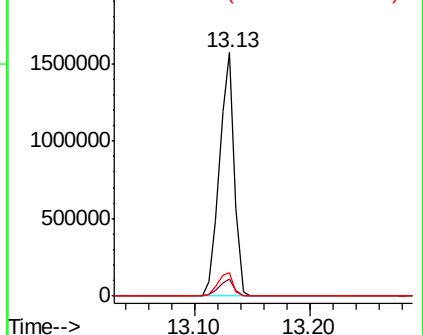
122 9.8 11.0 16.4#

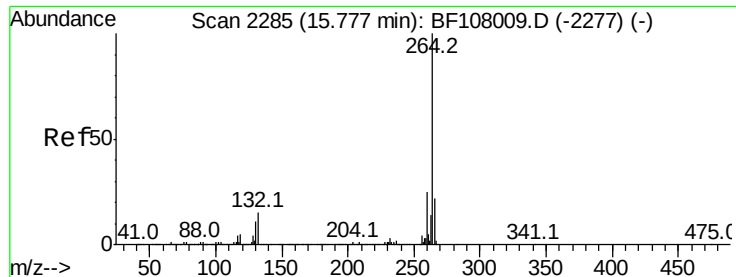


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108402.D
Acq: 22 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3

