

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108470.D
 Acq On : 24 Aug 2018 18:25
 Operator : JU/SJ
 Sample : J4581-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:48:14 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

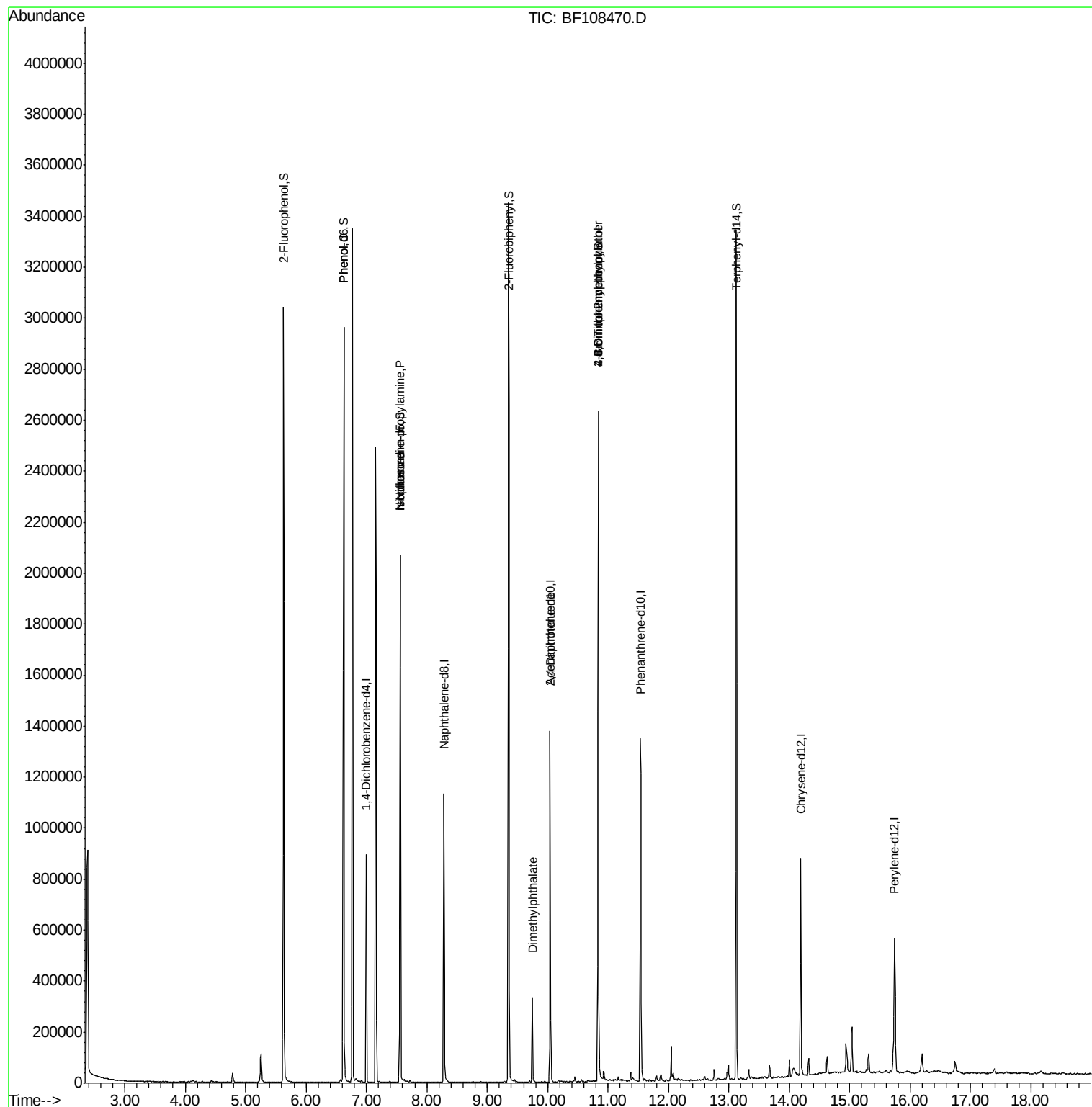
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	134544	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	514554	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	265685	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	510778	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	286081	20.00	ng	-0.01
86) Perylene-d12	15.74	264	279373	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	771454	103.81	ng	0.00
7) Phenol-d6	6.62	99	1055283	106.86	ng	0.00
23) Nitrobenzene-d5	7.56	82	716174	77.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	324995	122.63	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1081576	65.36	ng	-0.01
78) Terphenyl-d14	13.12	244	1091002	96.96	ng	0.00
Target Compounds						
10) Phenol	6.63	94	22051	2.159	ng	# 25
19) n-Nitroso-di-n-propylamine	7.56	70	96867	14.505	ng	# 82
25) Isophorone	7.56	82	716168	40.747	ng	# 64
49) Dimethylphthalate	9.75	163	148013	7.998	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	33682	6.758	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	698	5.682	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	21264	3.831	ng	# 1

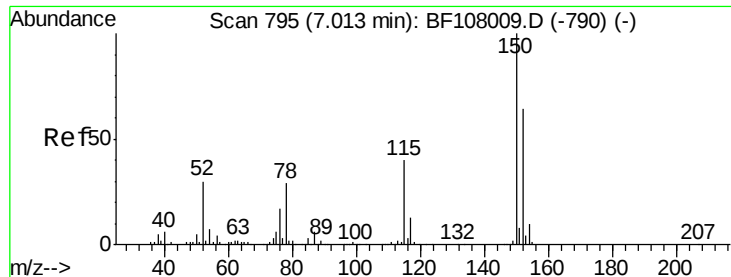
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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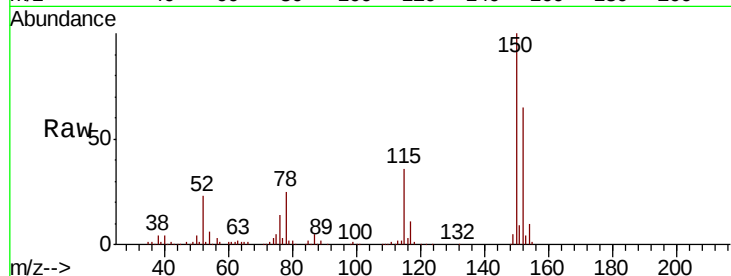


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	55.2	50.1	75.1

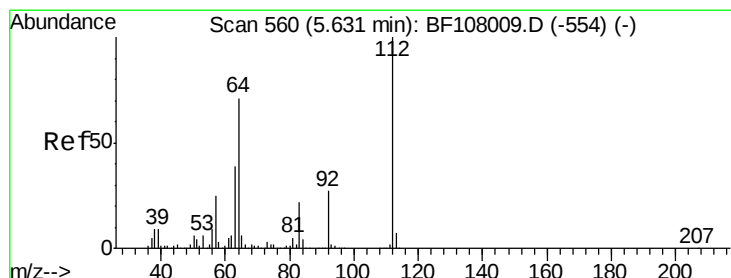
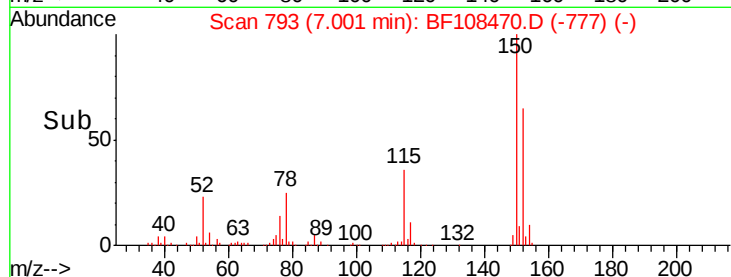
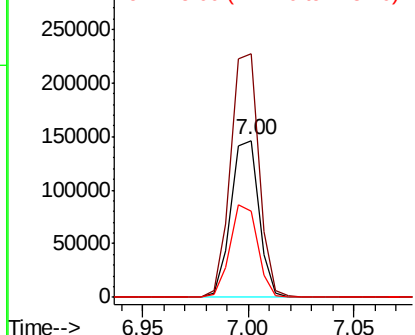


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

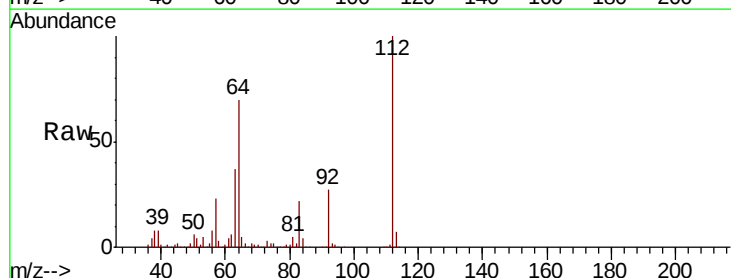
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.809 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	37.4	23.7	35.5

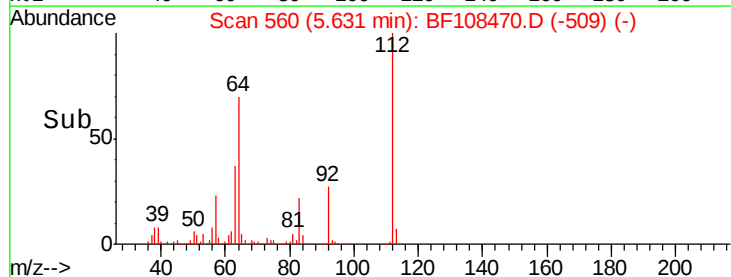
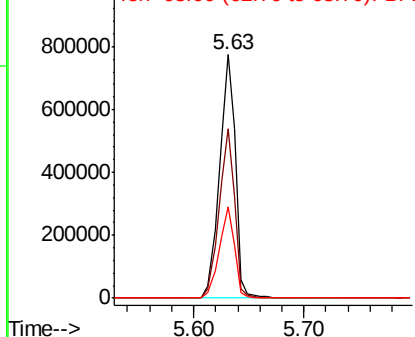


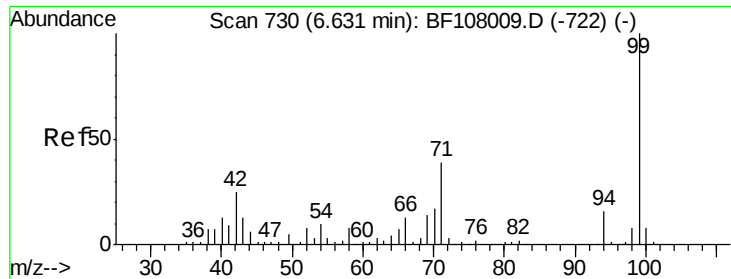
Abundance

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: 106.859 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108470.D

Acq: 24 Aug 2018 18:25

Instrument :

BNA_F

ClientSampleId :

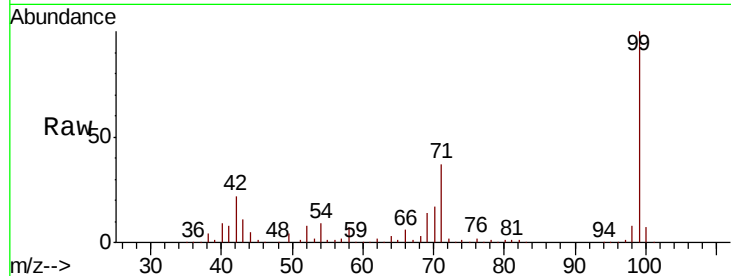
Tot Ion: 99 Resp: 1055283

Ion Ratio Lower Upper

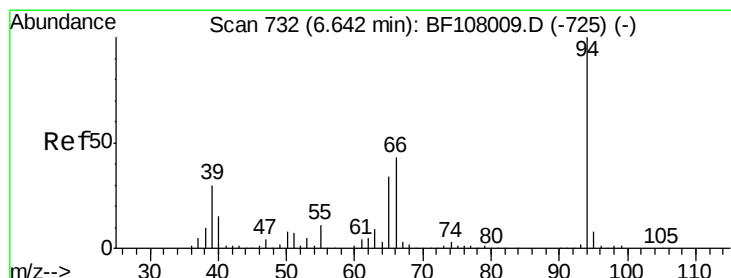
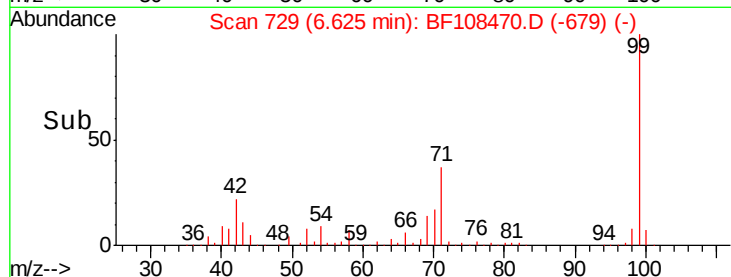
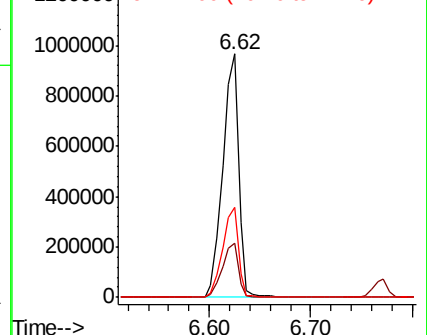
99 100

42 22.3 14.5 21.7#

71 36.8 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



#10

Phenol

Concen: 2.159 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF108470.D

Acq: 24 Aug 2018 18:25

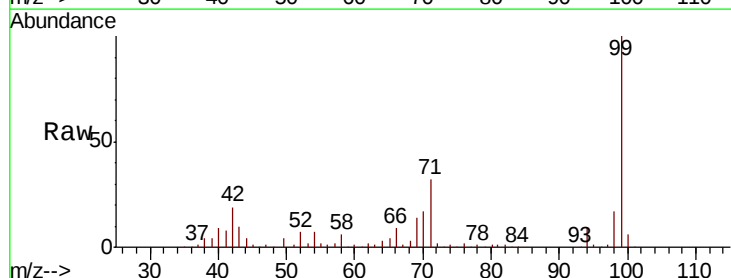
Tgt Ion: 94 Resp: 22051

Ion Ratio Lower Upper

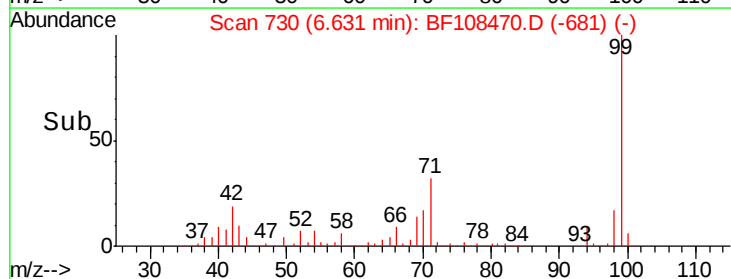
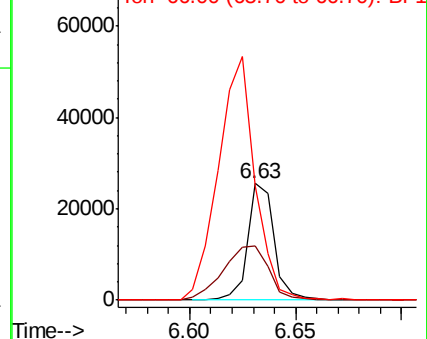
94 100

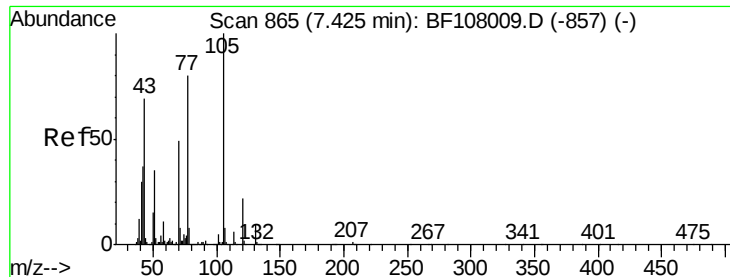
65 46.6 7.9 47.9

66 98.4 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: 14.505 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108470.D

Acq: 24 Aug 2018 18:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 96867

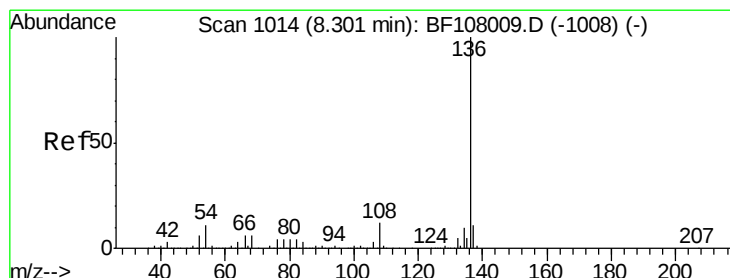
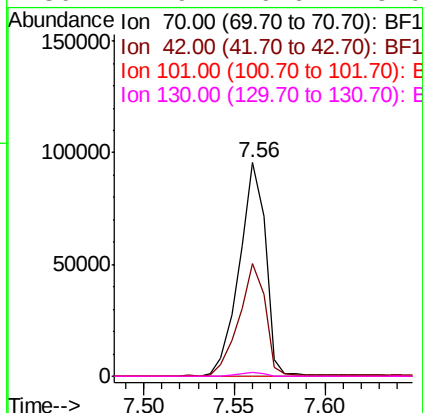
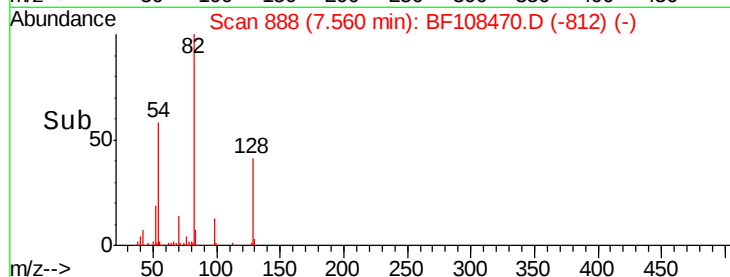
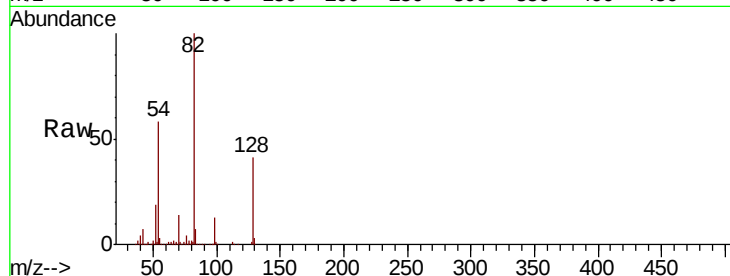
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 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: BF108470.D

Acq: 24 Aug 2018 18:25

Tgt Ion: 136 Resp: 514554

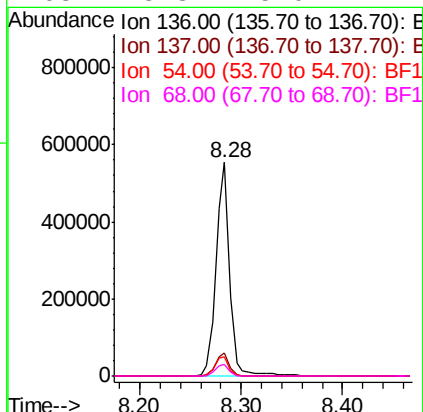
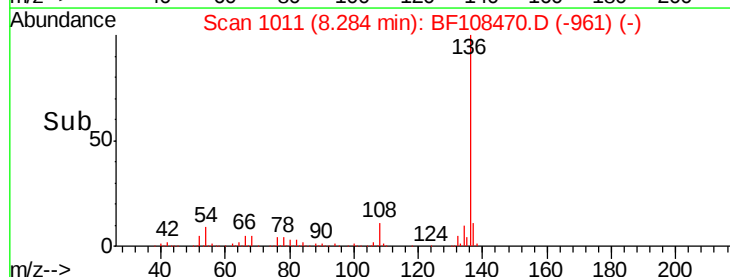
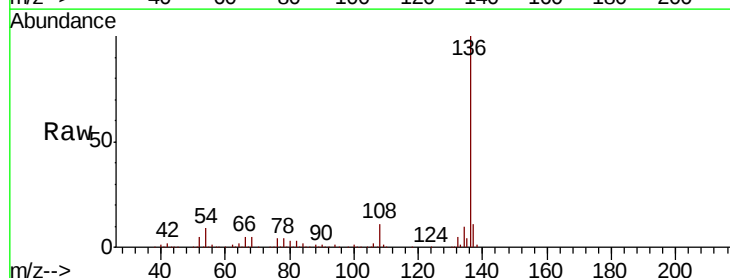
Ion Ratio Lower Upper

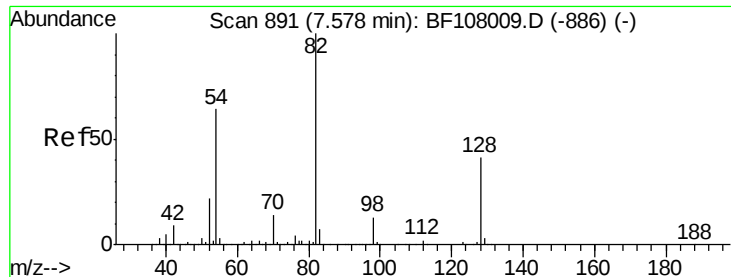
136 100

137 10.7 8.9 13.3

54 9.0 6.6 9.8

68 5.3 5.0 7.4

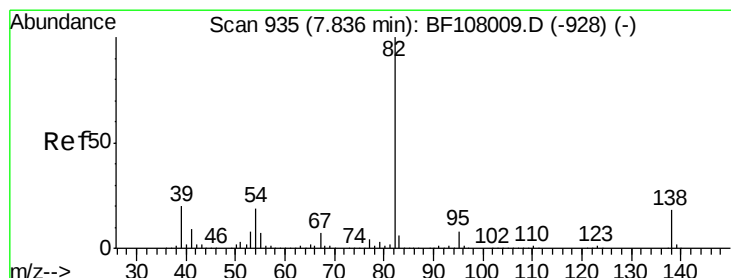
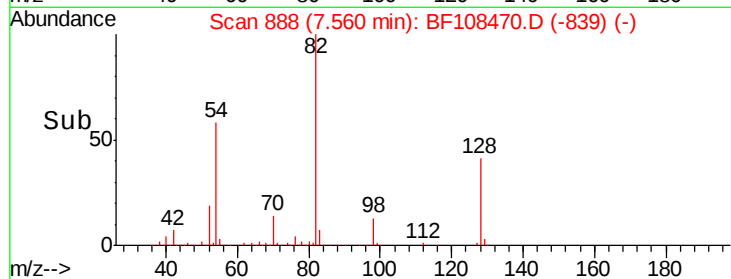
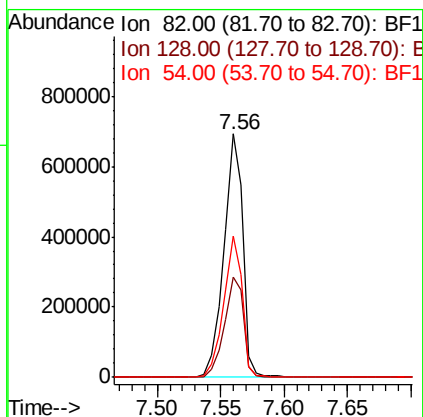
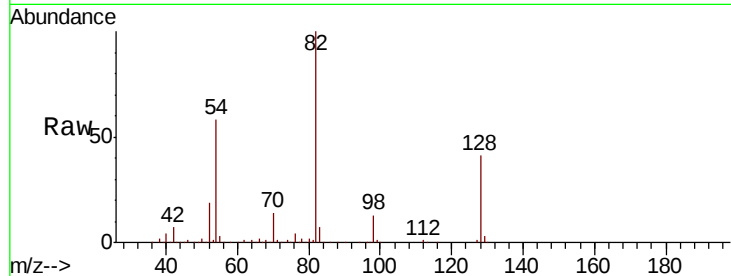




#23
Nitrobenzene-d5
Concen: 77.666 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

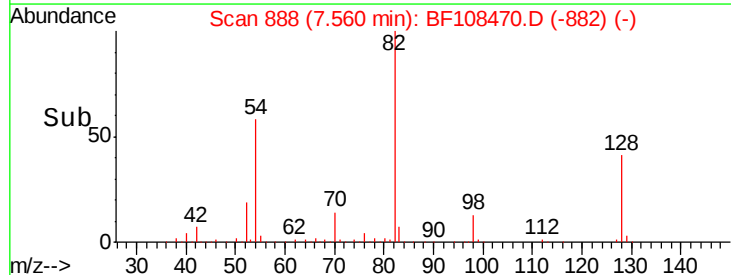
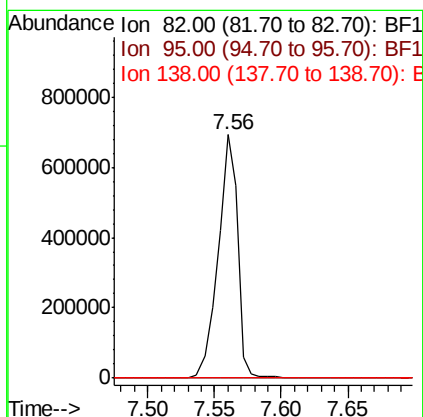
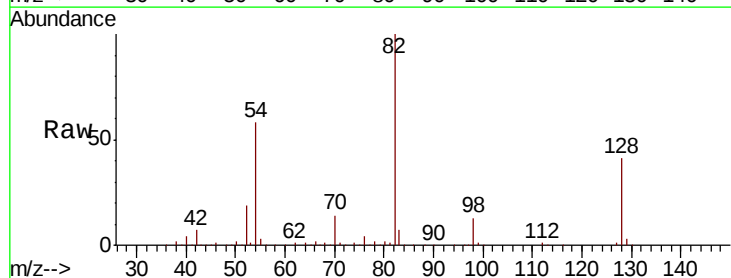
Instrument :
BNA_F
ClientSampled :

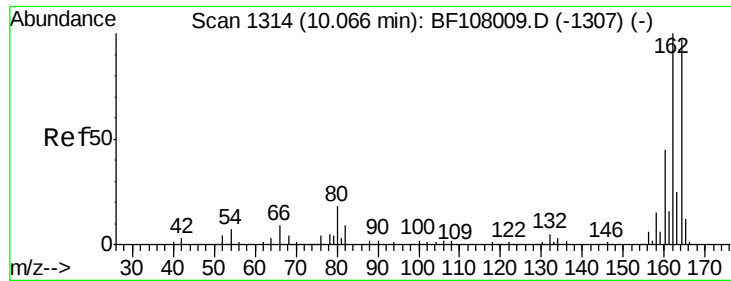
Tot Ion	82	Resp	716174
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	57.9	41.4	62.2



#25
Isophorone
Concen: 40.747 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Tgt Ion	82	Resp	716168
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

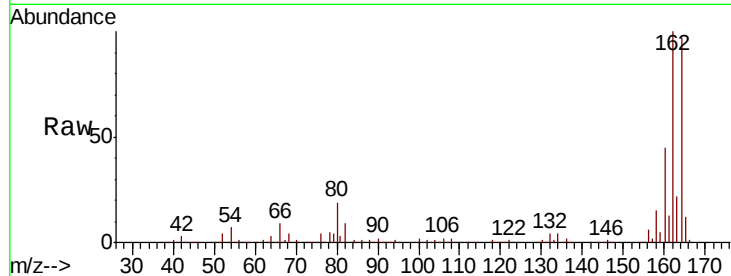




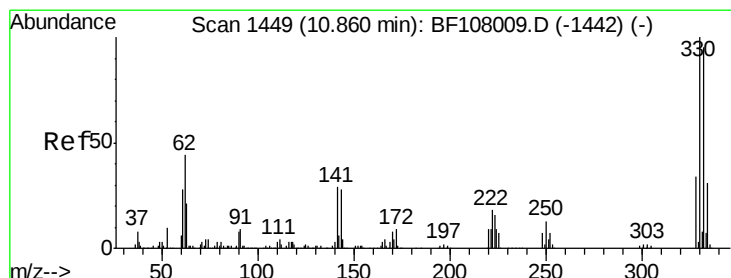
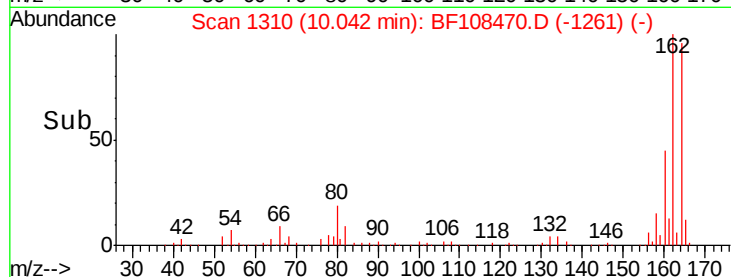
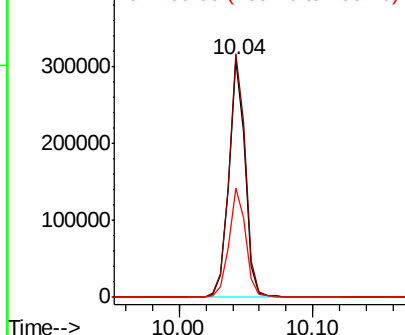
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108470.D
 Acq: 24 Aug 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 265685
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.8 38.3 57.5

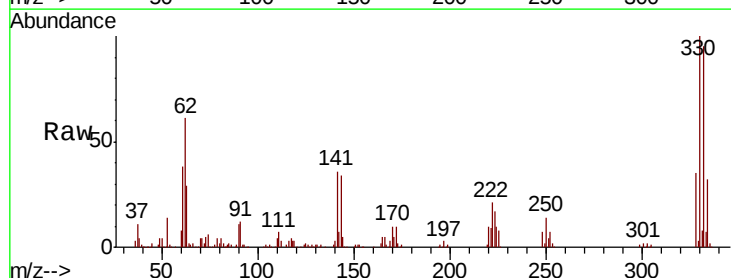


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

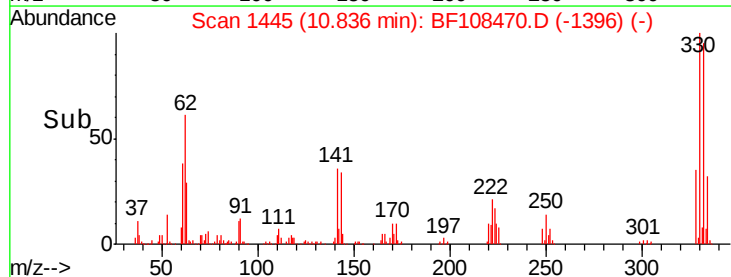
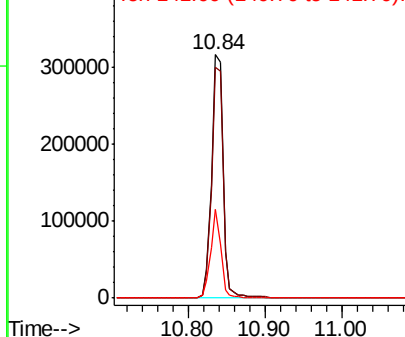


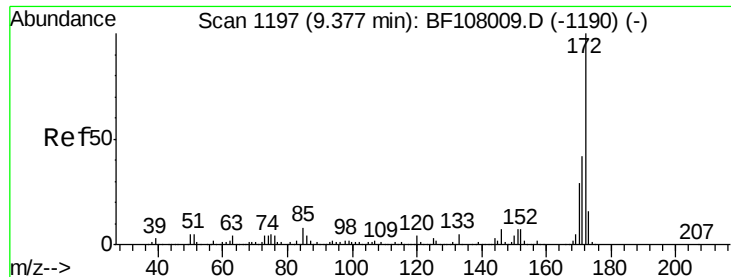
#41
 2,4,6-Tribromophenol
 Concen: 122.633 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108470.D
 Acq: 24 Aug 2018 18:25

Tgt Ion:330 Resp: 324995
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.2 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

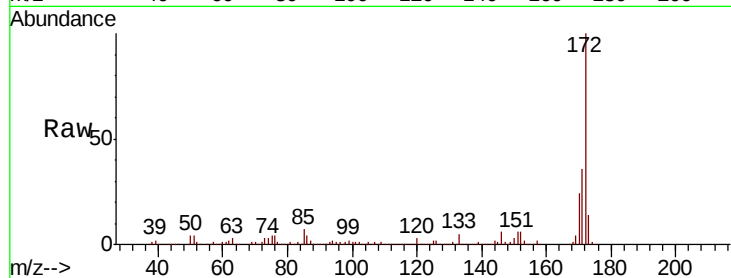




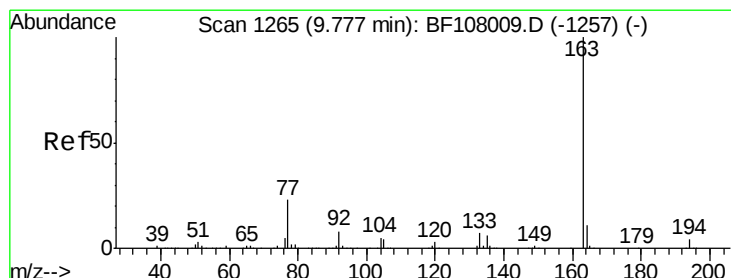
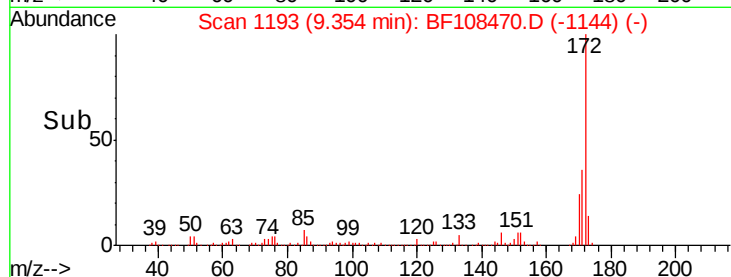
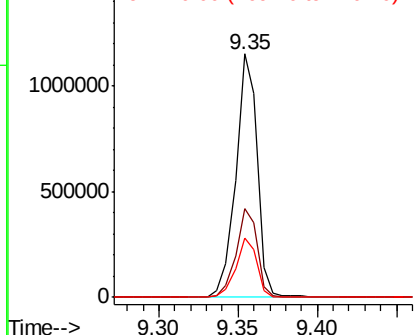
#44
2-Fluorobiphenyl
Concen: 65.357 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1081576
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

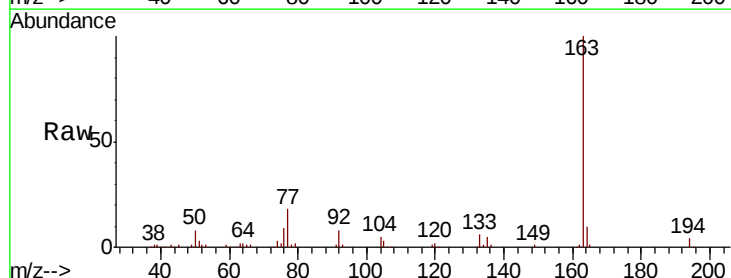


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

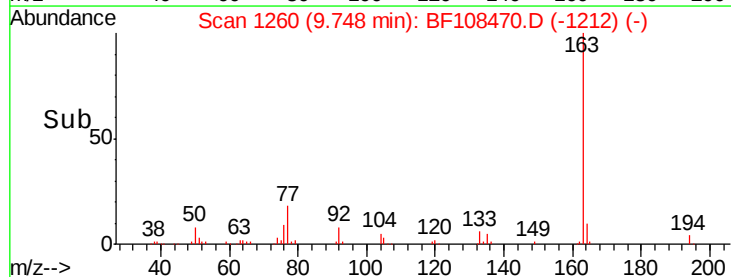
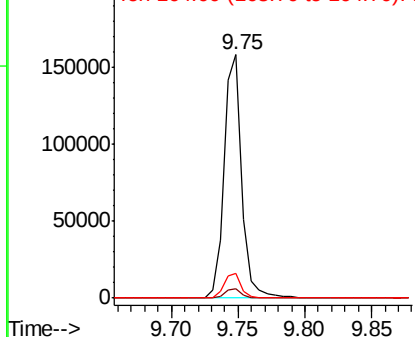


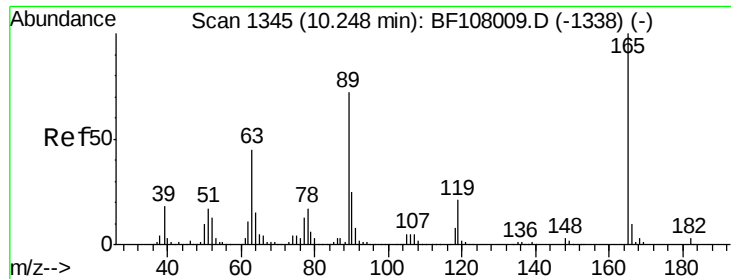
#49
Dimethylphthalate
Concen: 7.998 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Tgt Ion:163 Resp: 148013
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 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

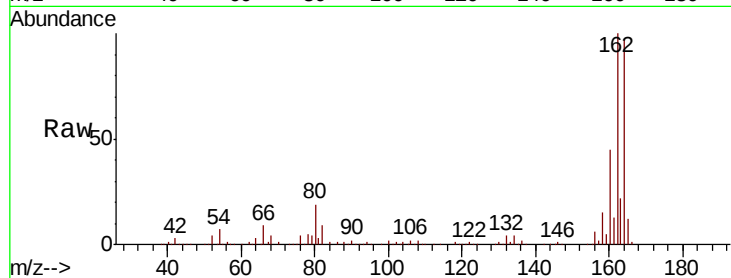




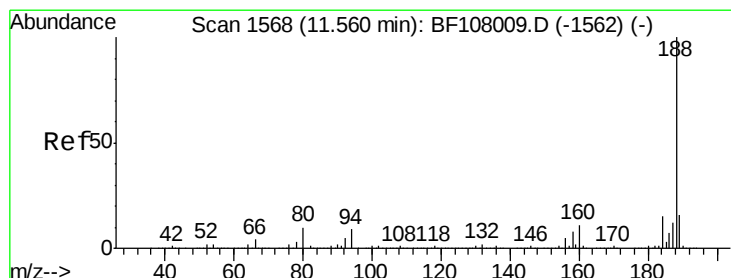
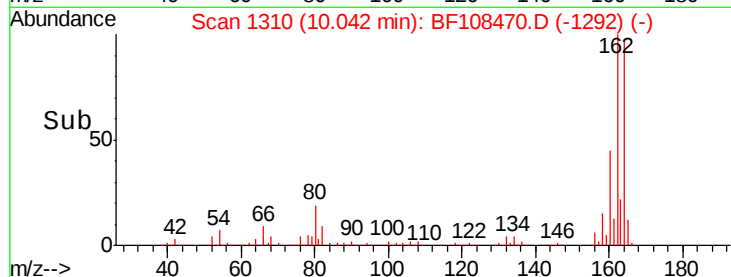
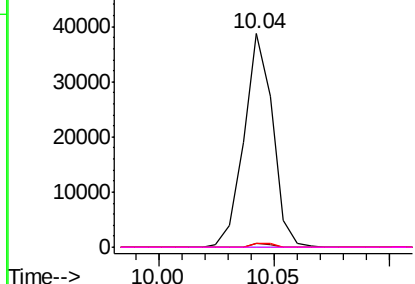
#56
 2,4-Dinitrotoluene
 Concen: 6.758 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108470.D
 Acq: 24 Aug 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



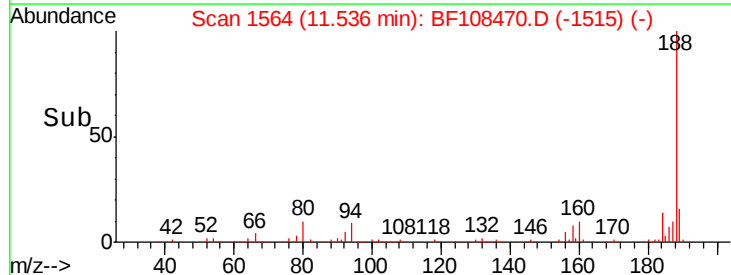
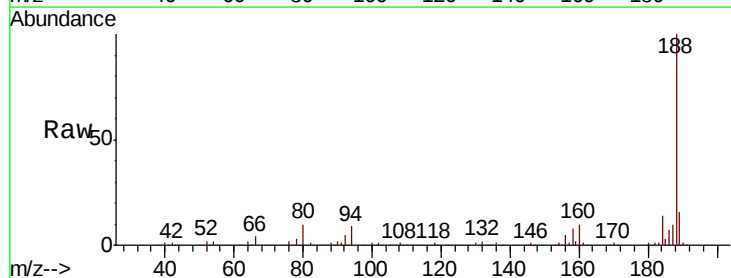
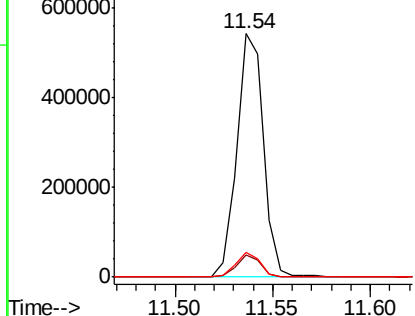
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

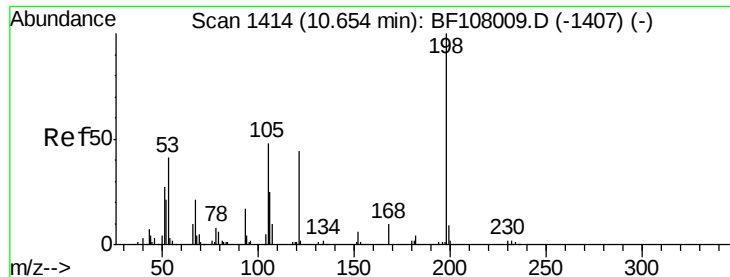


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108470.D
 Acq: 24 Aug 2018 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	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

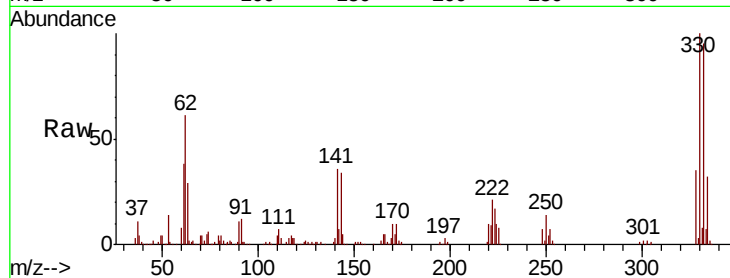




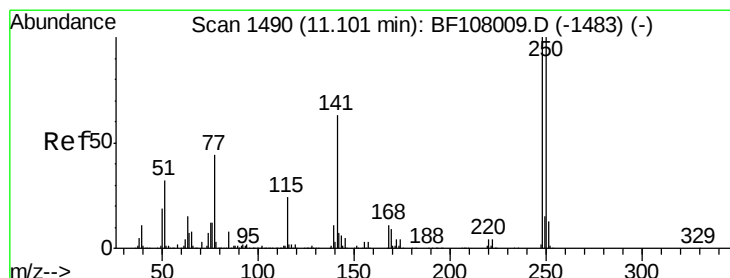
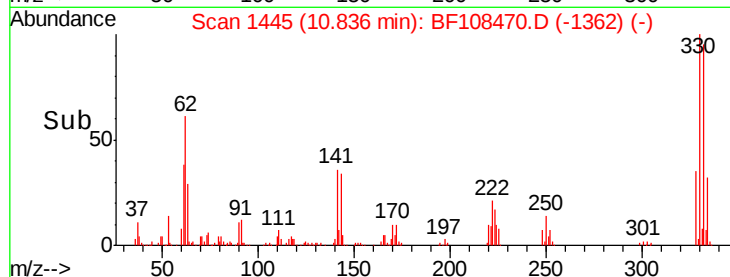
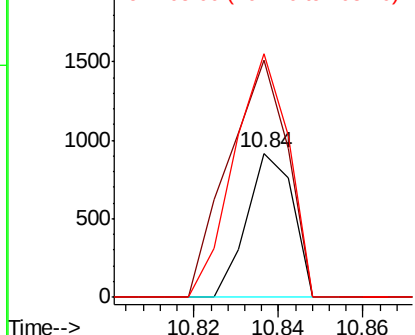
#64
4,6-Dinitro-2-methylphenol
Concen: 5.682 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 698
Ion Ratio Lower Upper
198 100
51 164.2 37.7 77.7#
105 168.8 36.3 76.3#

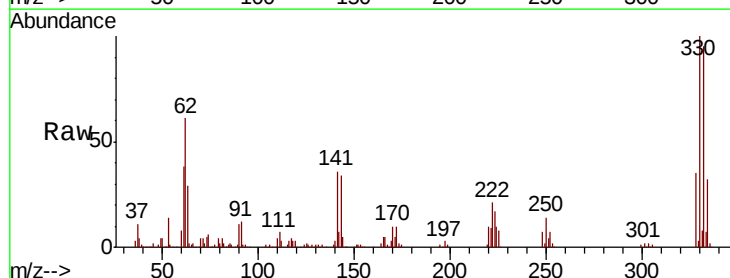


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

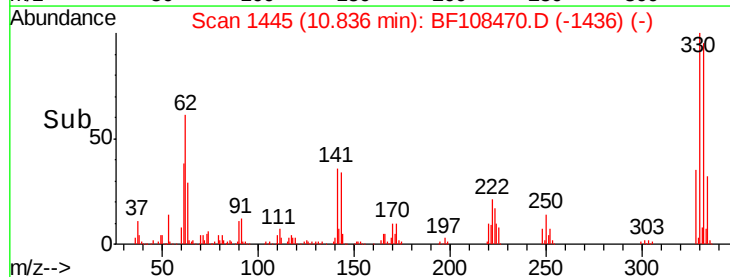
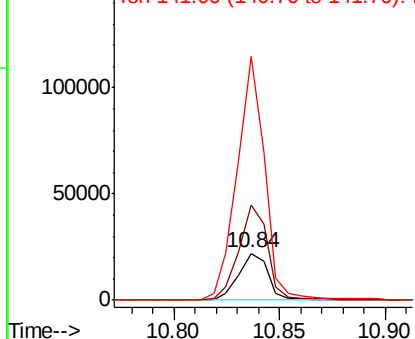


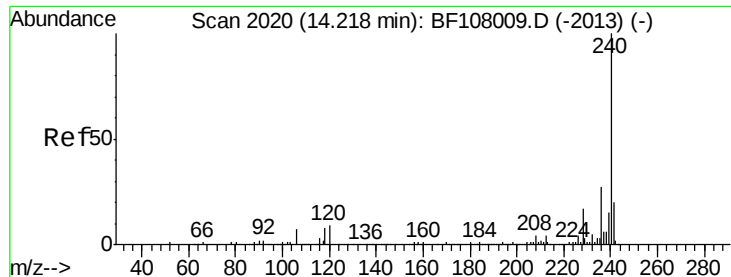
#66
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Tgt Ion:248 Resp: 21264
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 520.4 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: BF108470.D

Acq: 24 Aug 2018 18:25

Instrument :

BNA_F

ClientSampleId :

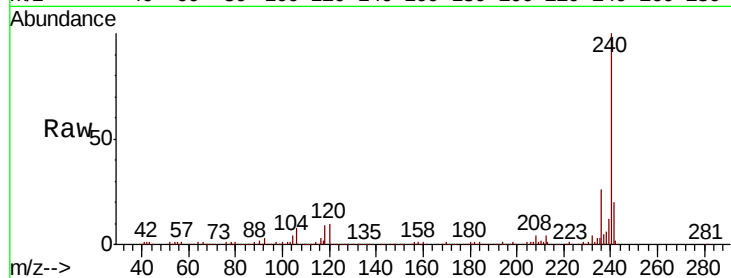
Tot Ion:240 Resp: 286081

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

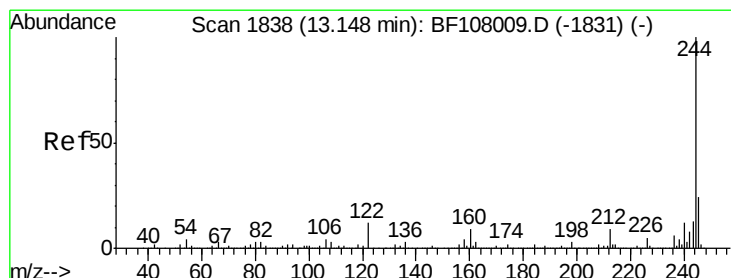
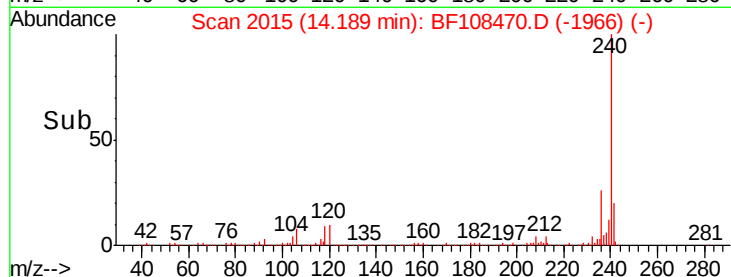
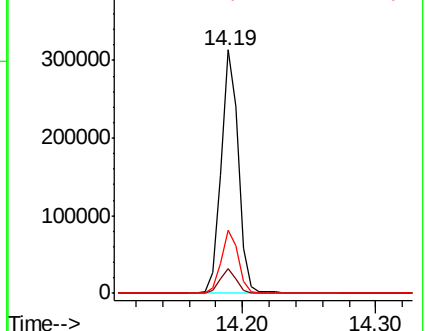
236 26.2 20.7 31.1



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: 96.964 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108470.D

Acq: 24 Aug 2018 18:25

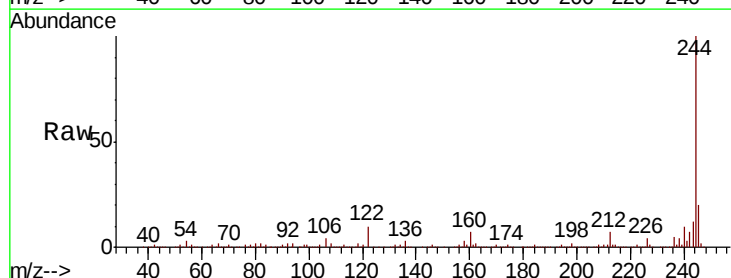
Tgt Ion:244 Resp: 1091002

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

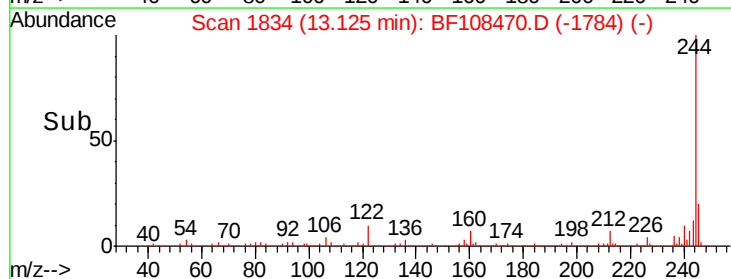
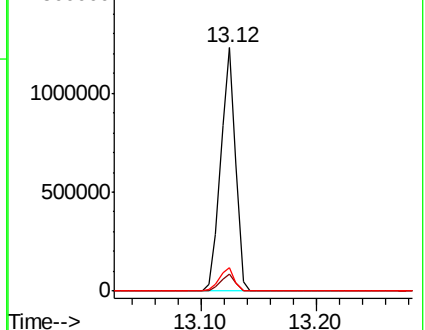
122 9.7 11.0 16.4#

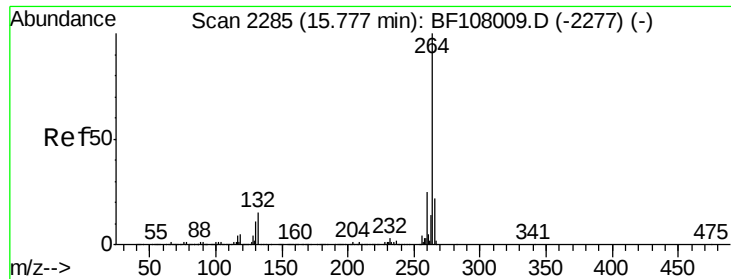


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

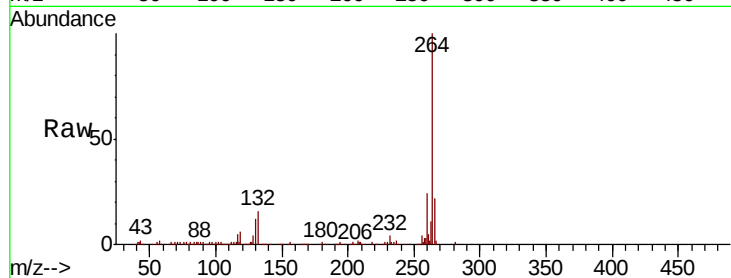




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108470.D
Acq: 24 Aug 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	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

