

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108422.D
 Acq On : 23 Aug 2018 12:47
 Operator : JU/SJ
 Sample : PB112242BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 13:11:22 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

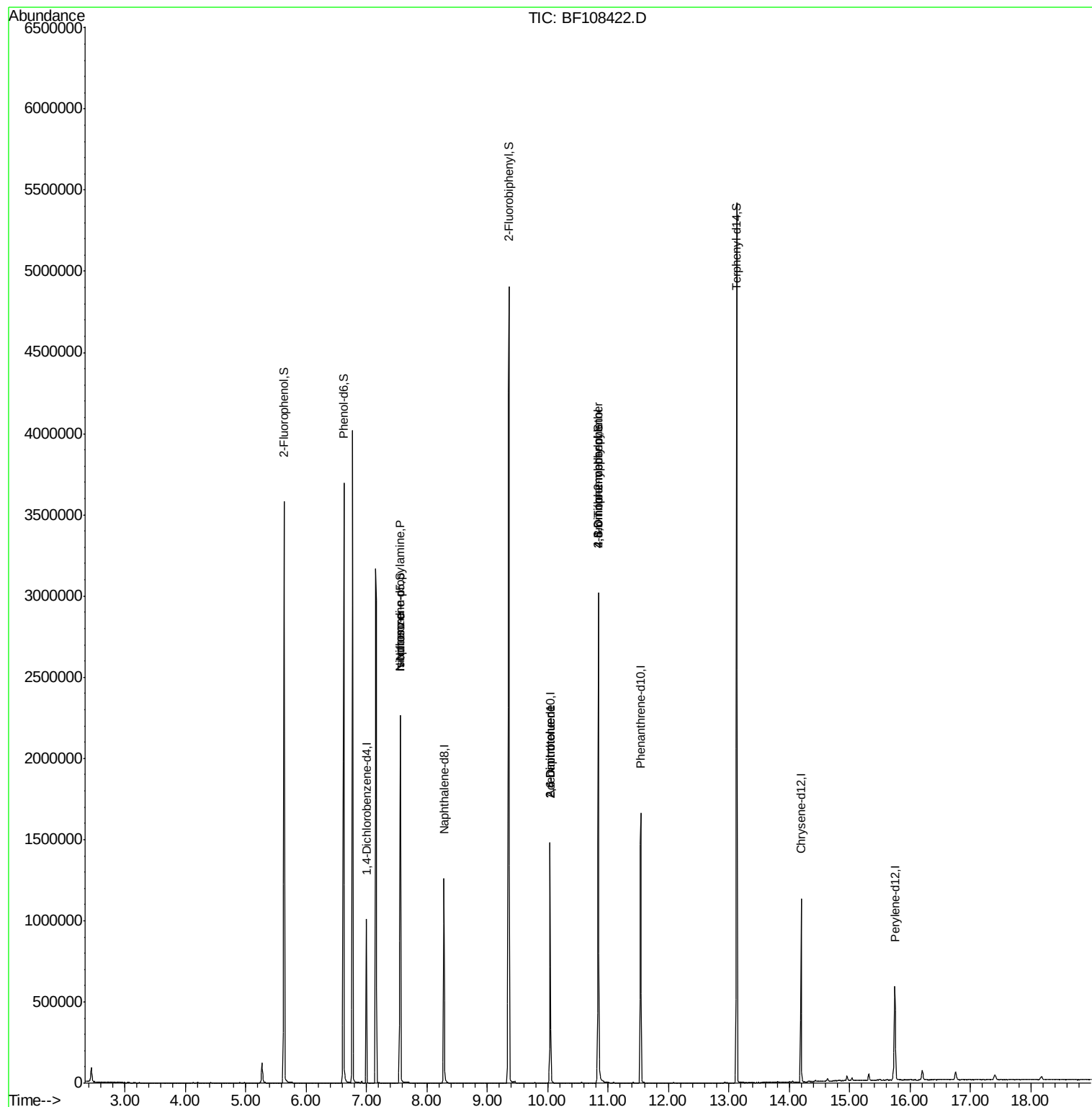
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	157281	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	594865	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	310927	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	641465	20.00	ng	0.00
75) Chrysene-d12	14.19	240	413238	20.00	ng	0.00
86) Perylene-d12	15.75	264	302105	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1002020	115.34	ng	0.00
7) Phenol-d6	6.62	99	1345584	116.56	ng	0.00
23) Nitrobenzene-d5	7.57	82	915328	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	424344	136.82	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1772184	91.51	ng	0.00
78) Terphenyl-d14	13.13	244	1915253	117.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	124511	15.949	ng	# 79
25) Isophorone	7.57	82	909149	44.744	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	39477	8.712	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	39477	6.768	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	866	5.678	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	28167	4.041	ng	# 1

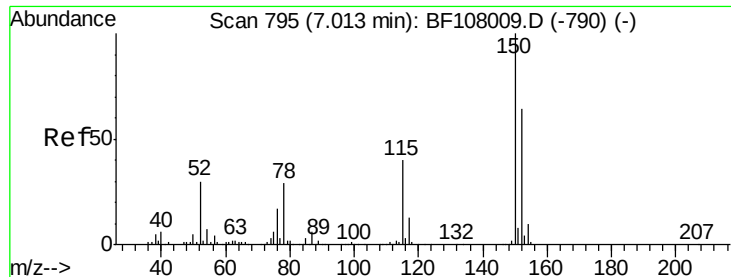
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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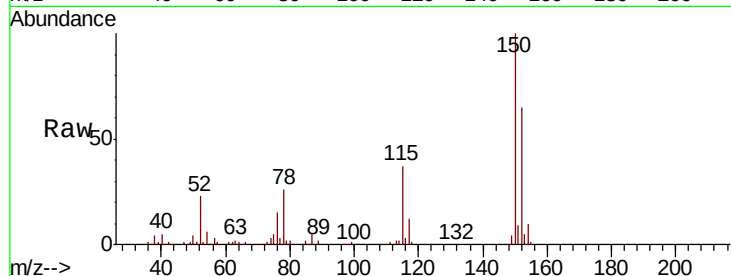


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	157281
Ion Ratio	100	Lower	Upper
150	154.4	124.6	186.8
115	57.5	50.1	75.1

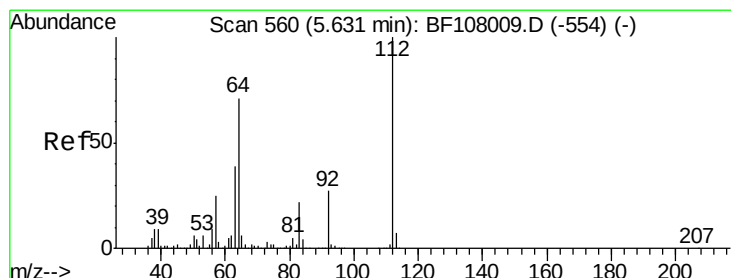
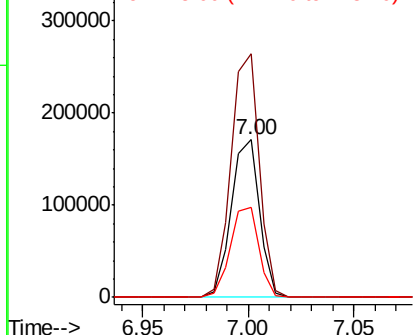
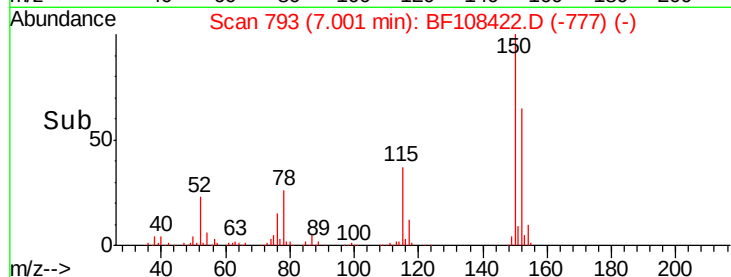


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

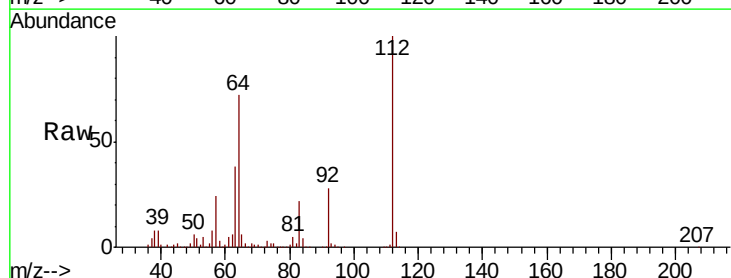
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.342 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion	112	Resp	1002020
Ion Ratio	100	Lower	Upper
64	71.6	47.9	71.9
63	37.8	23.7	35.5

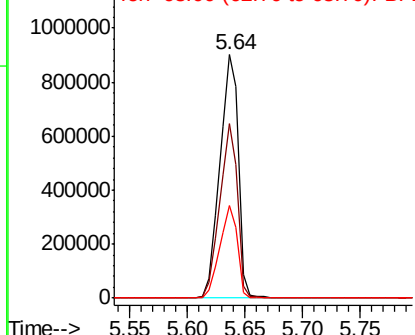
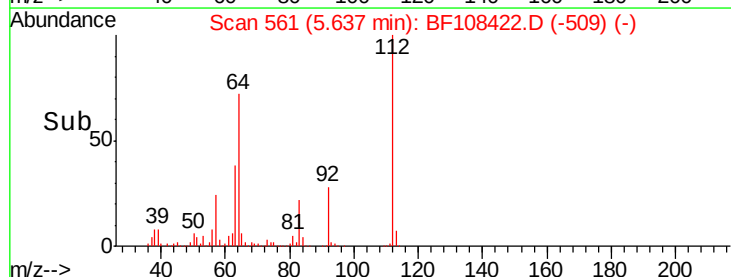


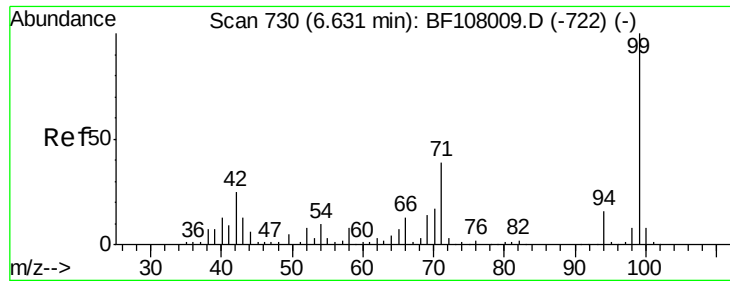
Abundance

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: 116.558 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108422.D

Acq: 23 Aug 2018 12:47

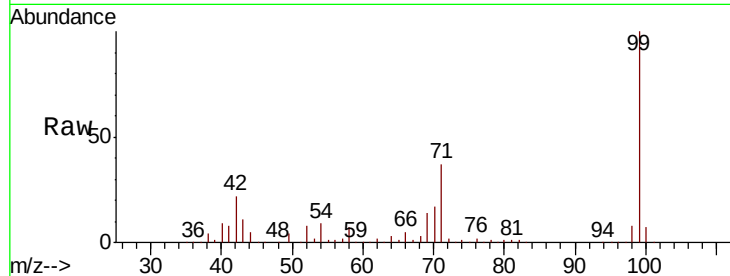
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1345584

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	36.9	25.4	38.0

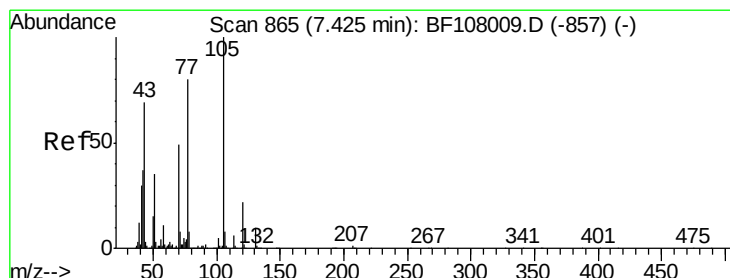
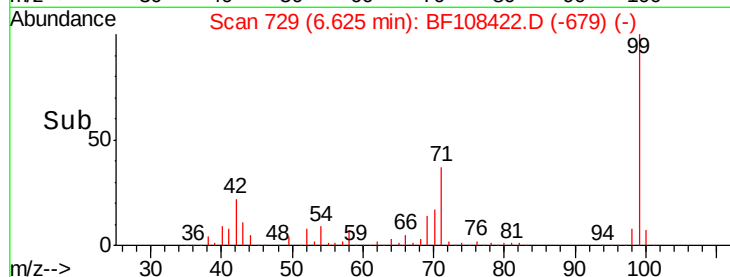
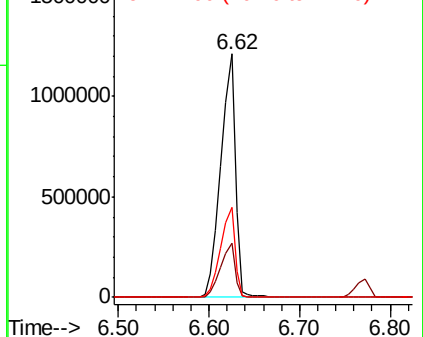


Abundance

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: 15.949 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108422.D

Acq: 23 Aug 2018 12:47

Tgt Ion: 70 Resp: 124511

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

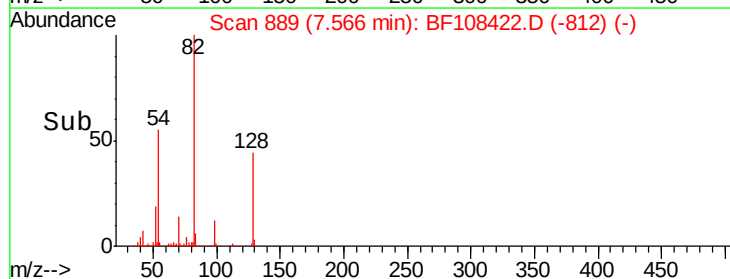
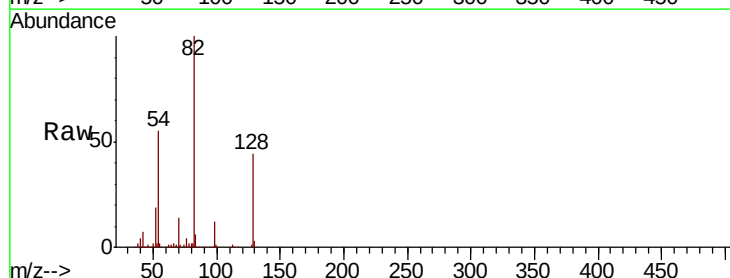
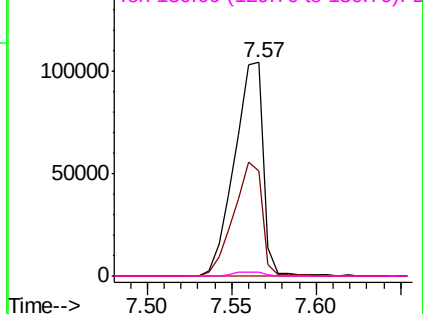
Abundance

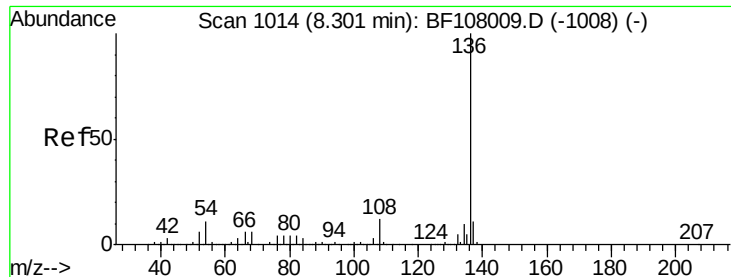
Ion 70.00 (69.70 to 70.70): BF1

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

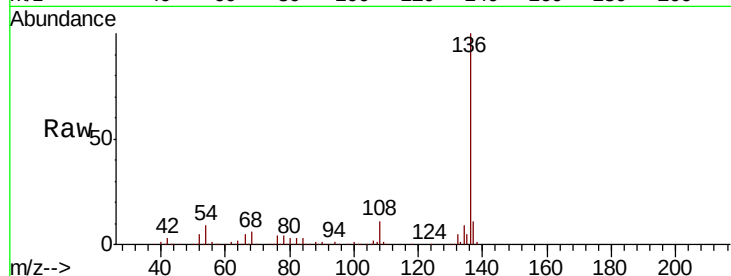




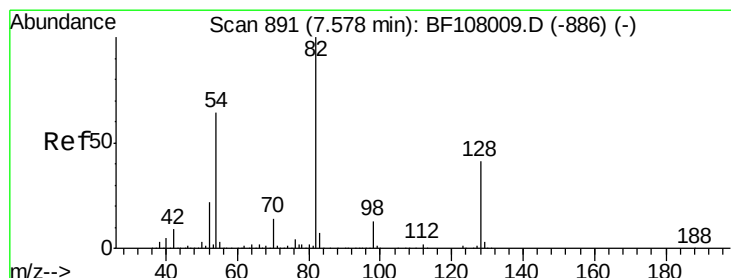
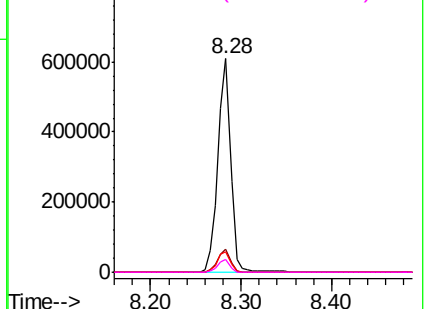
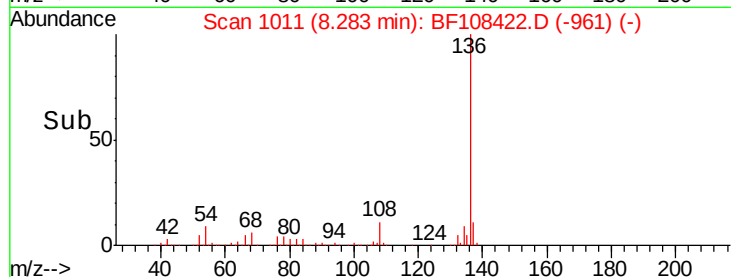
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	594865
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.4	6.6 9.8
68	5.8	5.0 7.4

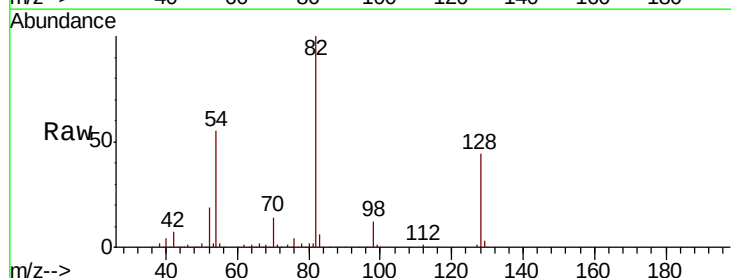


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

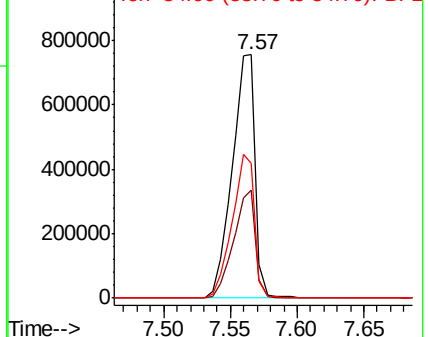
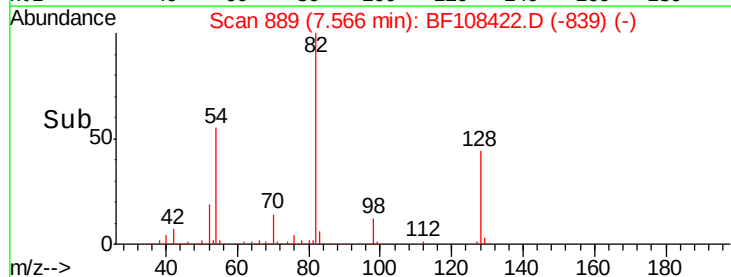


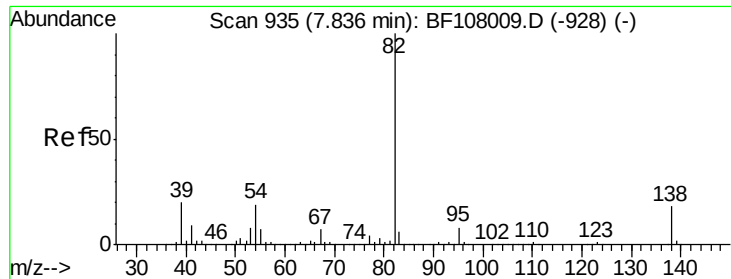
#23
Nitrobenzene-d5
Concen: 85.863 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion: 82	Resp:	915328
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.1 54.1
54	55.3	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: 44.744 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108422.D

Acq: 23 Aug 2018 12:47

Instrument :

BNA_F

ClientSampleId :

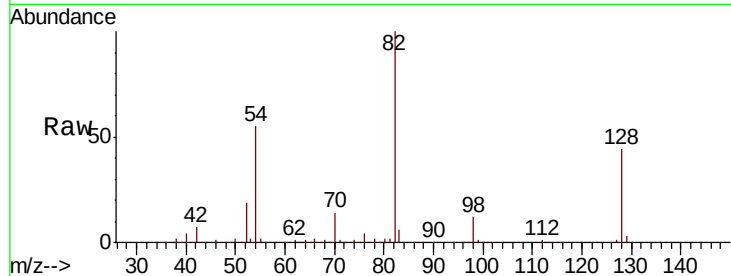
Tot Ion: 82 Resp: 909149

Ion Ratio Lower Upper

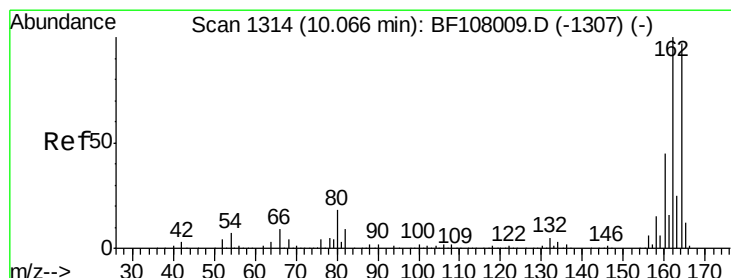
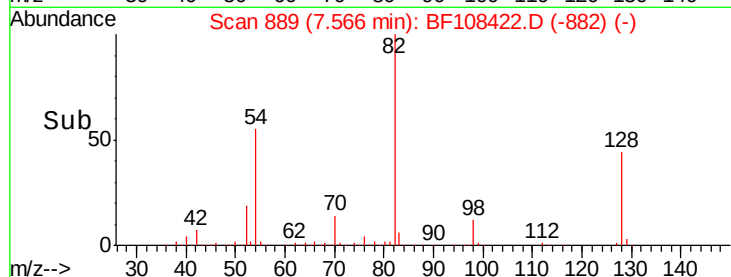
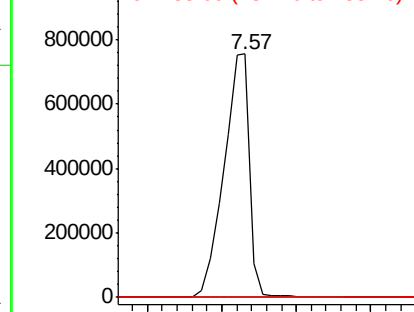
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108422.D

Acq: 23 Aug 2018 12:47

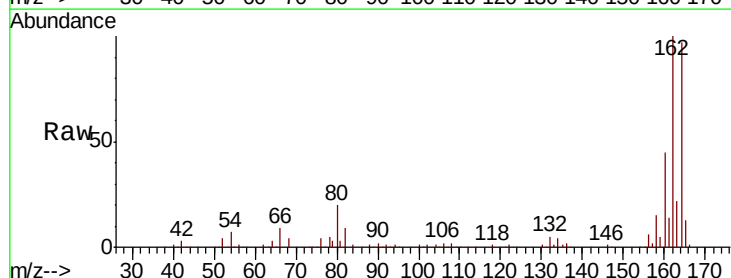
Tgt Ion:164 Resp: 310927

Ion Ratio Lower Upper

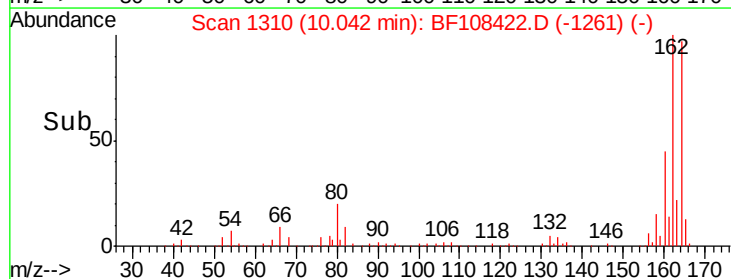
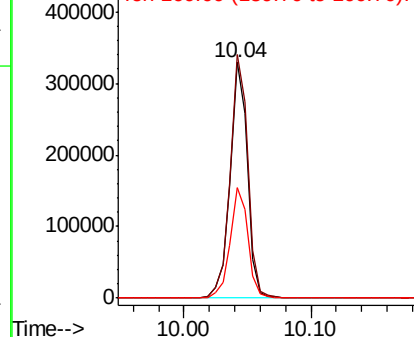
164 100

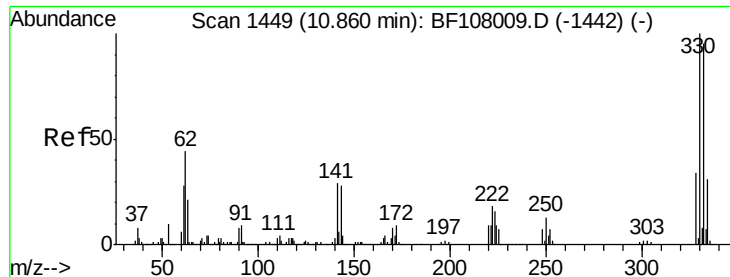
162 103.3 86.1 129.1

160 46.9 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

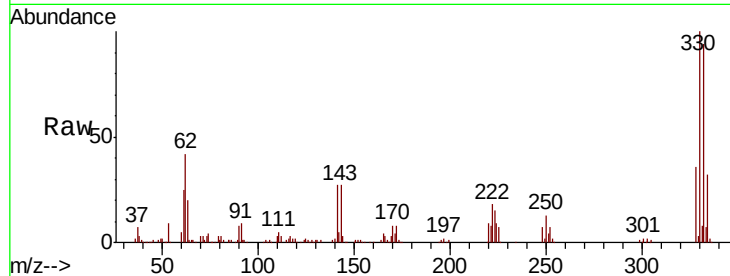




#41
 2,4,6-Tribromophenol
 Concen: 136.823 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	31.5	29.9	44.9

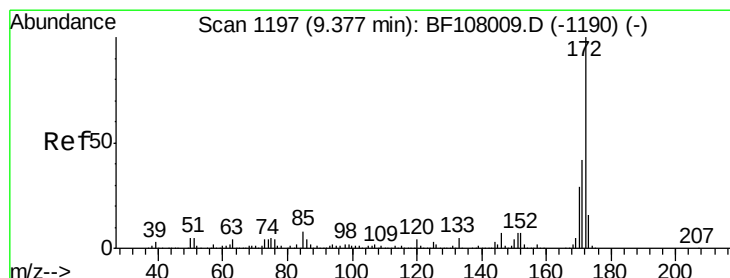
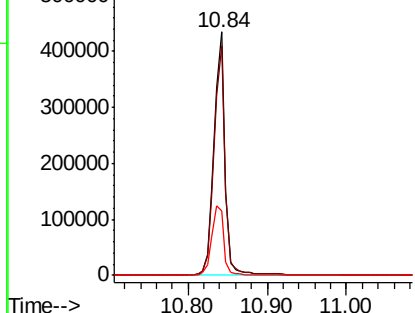
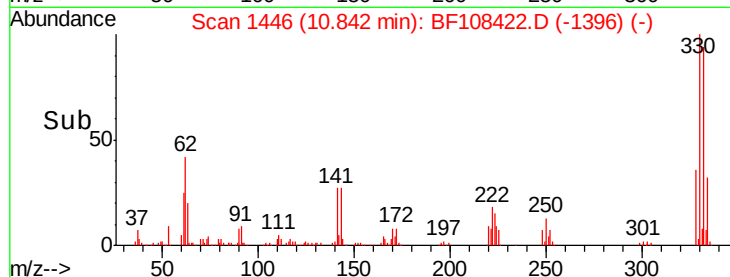


Abundance

Ion 329.80 (329.50 to 330.50): E

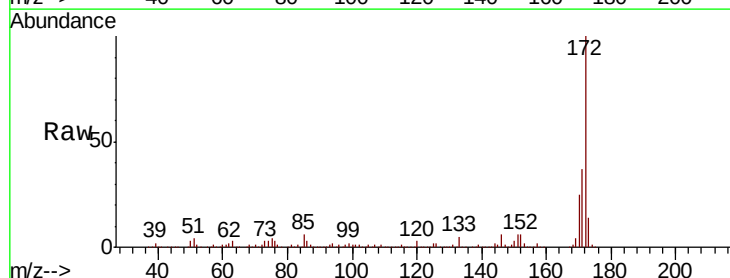
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.507 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

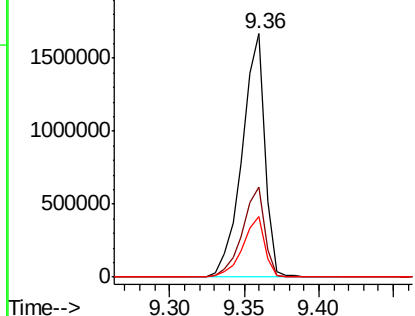
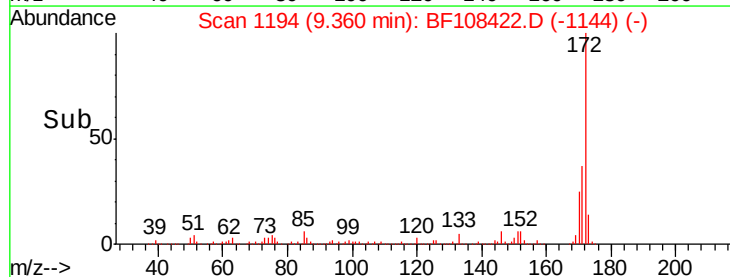


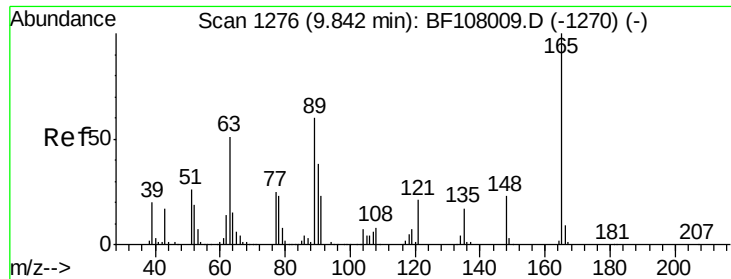
Abundance

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

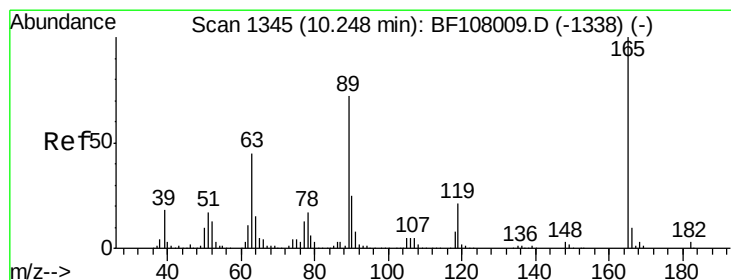
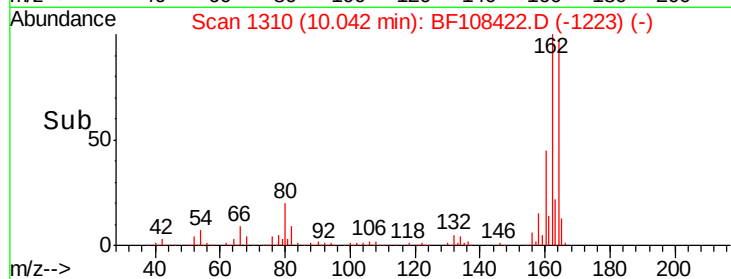
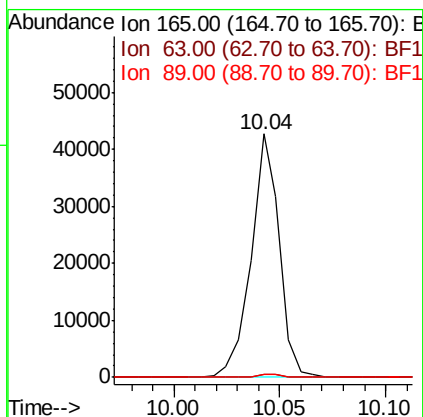
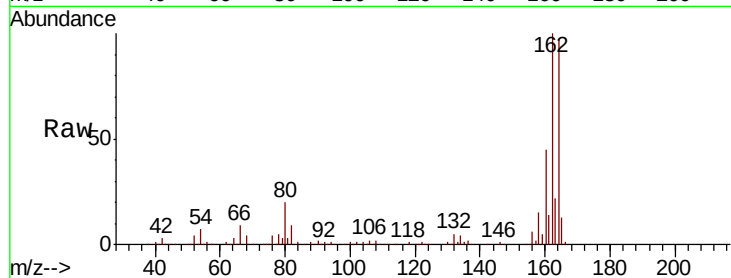




#50
 2,6-Dinitrotoluene
 Concen: 8.712 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

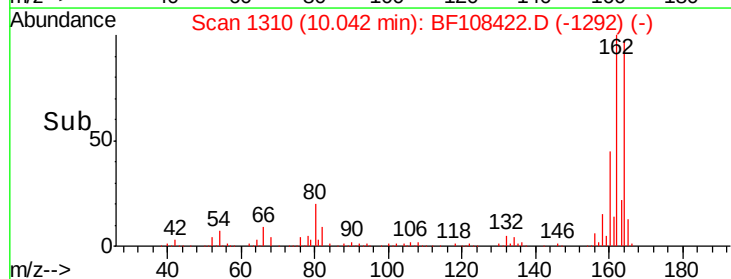
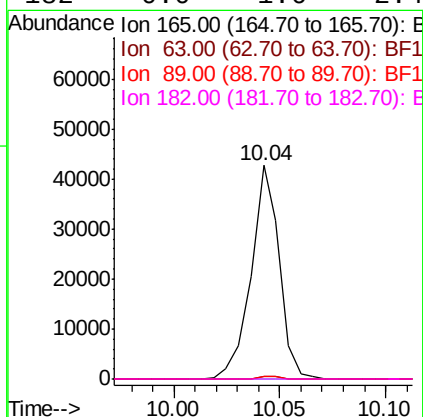
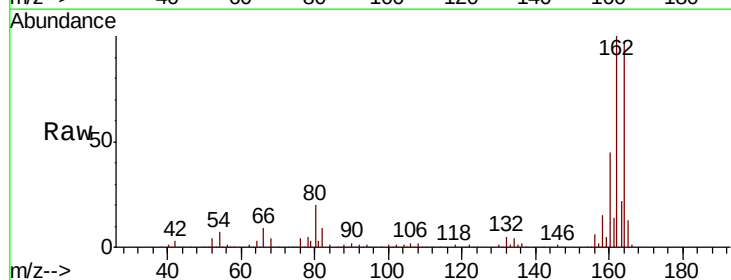
Instrument :
 BNA_F
 ClientSampled :

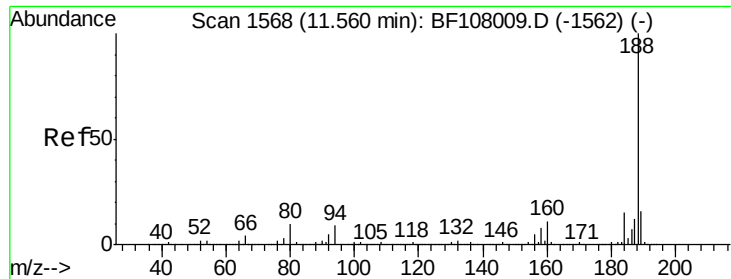
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.768 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

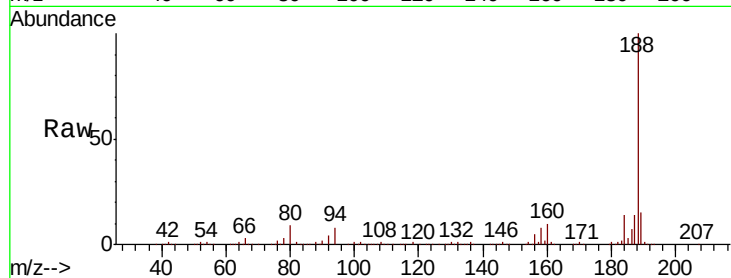




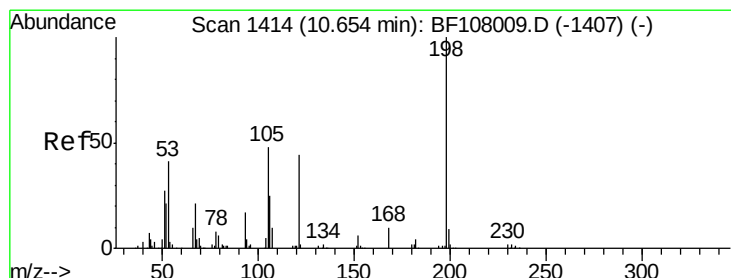
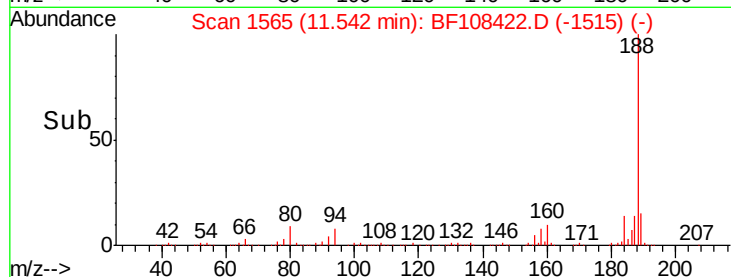
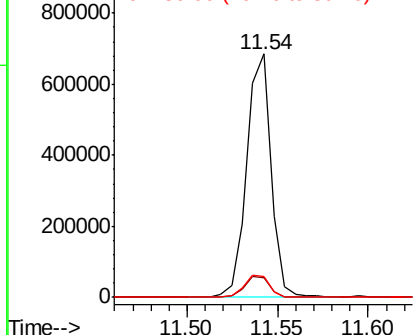
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 641465
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.8 9.2 13.8#

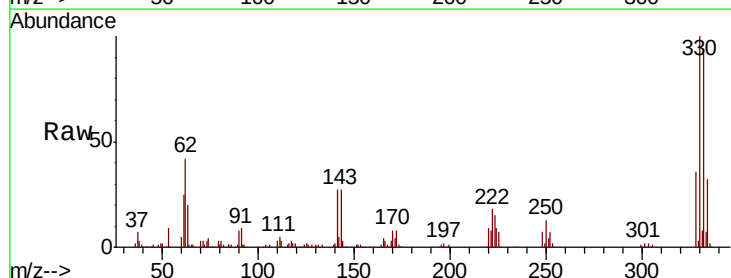


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

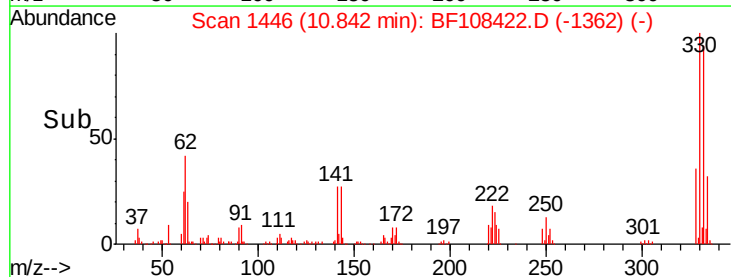
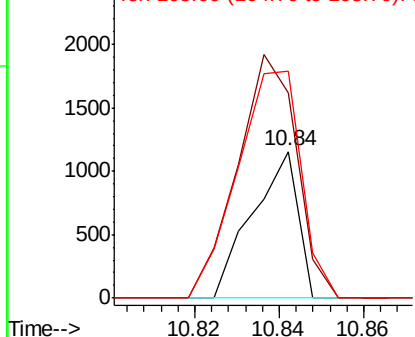


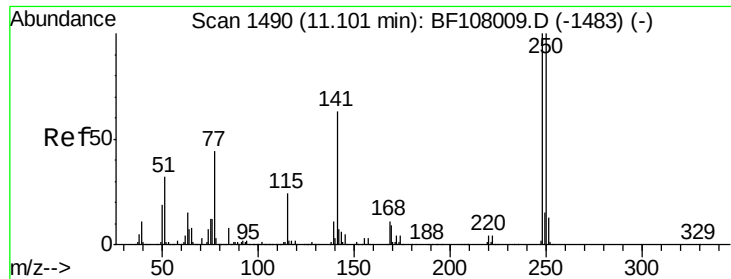
#64
4,6-Dinitro-2-methylphenol
Concen: 5.678 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:198 Resp: 866
Ion Ratio Lower Upper
198 100
51 140.1 37.7 77.7#
105 154.7 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

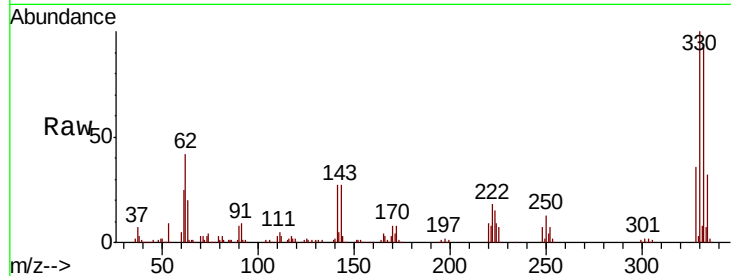




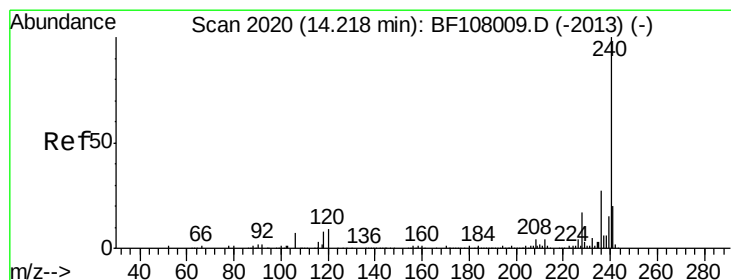
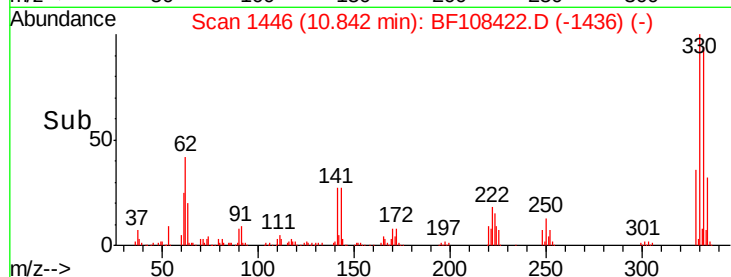
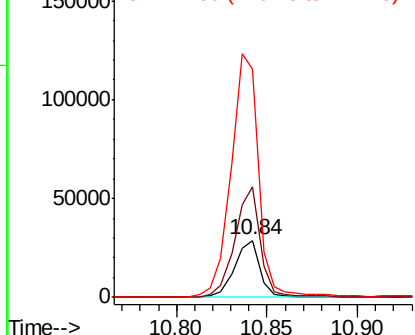
#66
 4-Bromophenyl-phenylether
 Concen: 4.041 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 28167
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.9 115.3#
 141 403.2 74.4 111.6#

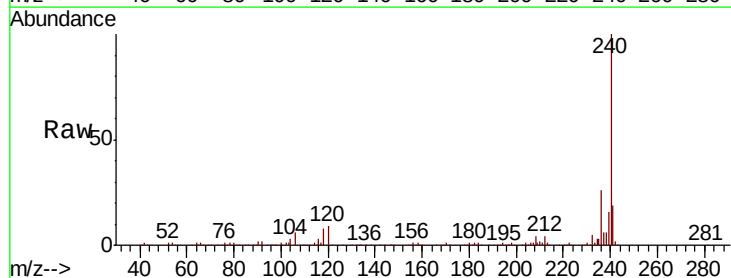


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

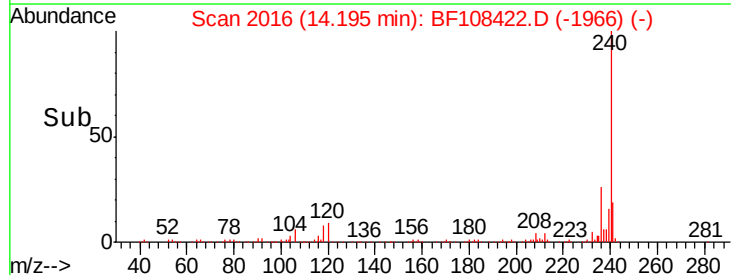
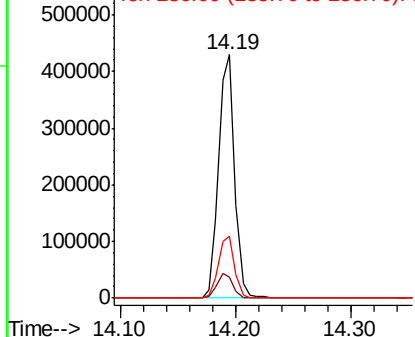


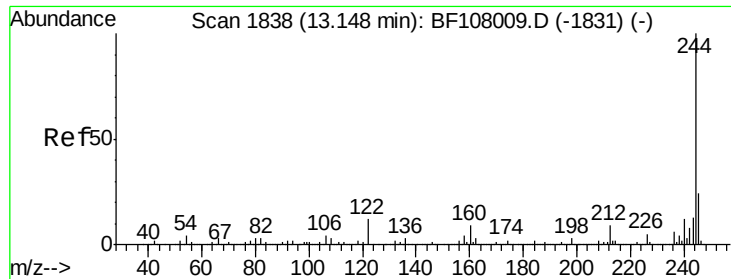
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion:240 Resp: 413238
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 25.6 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

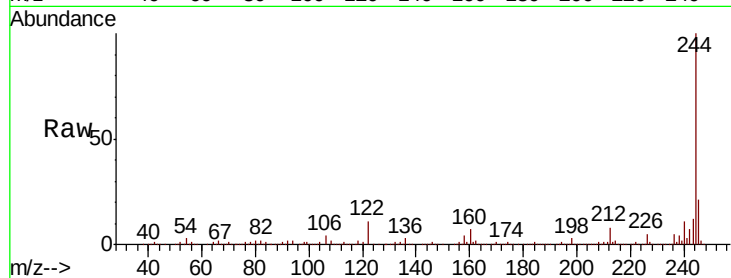




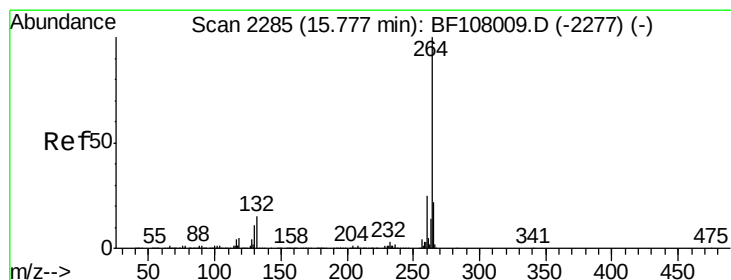
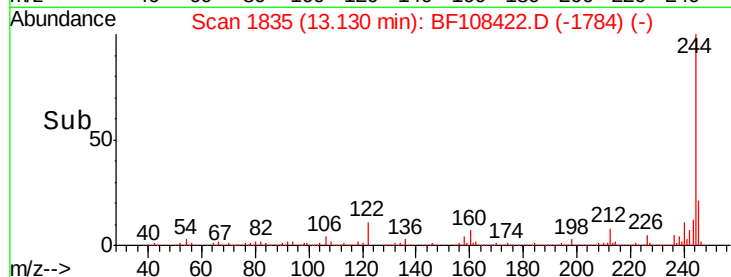
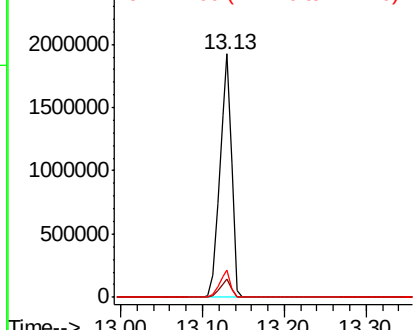
#78
 Terphenyl-d14
 Concen: 117.842 ng
 RT: 13.13 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1915253
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 11.1 11.0 16.4

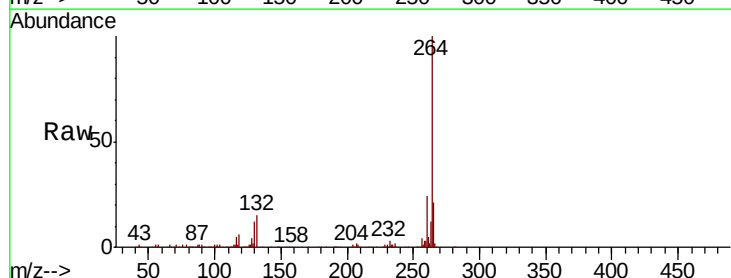


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion:264 Resp: 302105
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 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

