

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108416.D
 Acq On : 23 Aug 2018 8:02
 Operator : JU/SJ
 Sample : PB112196BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 08:40:23 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

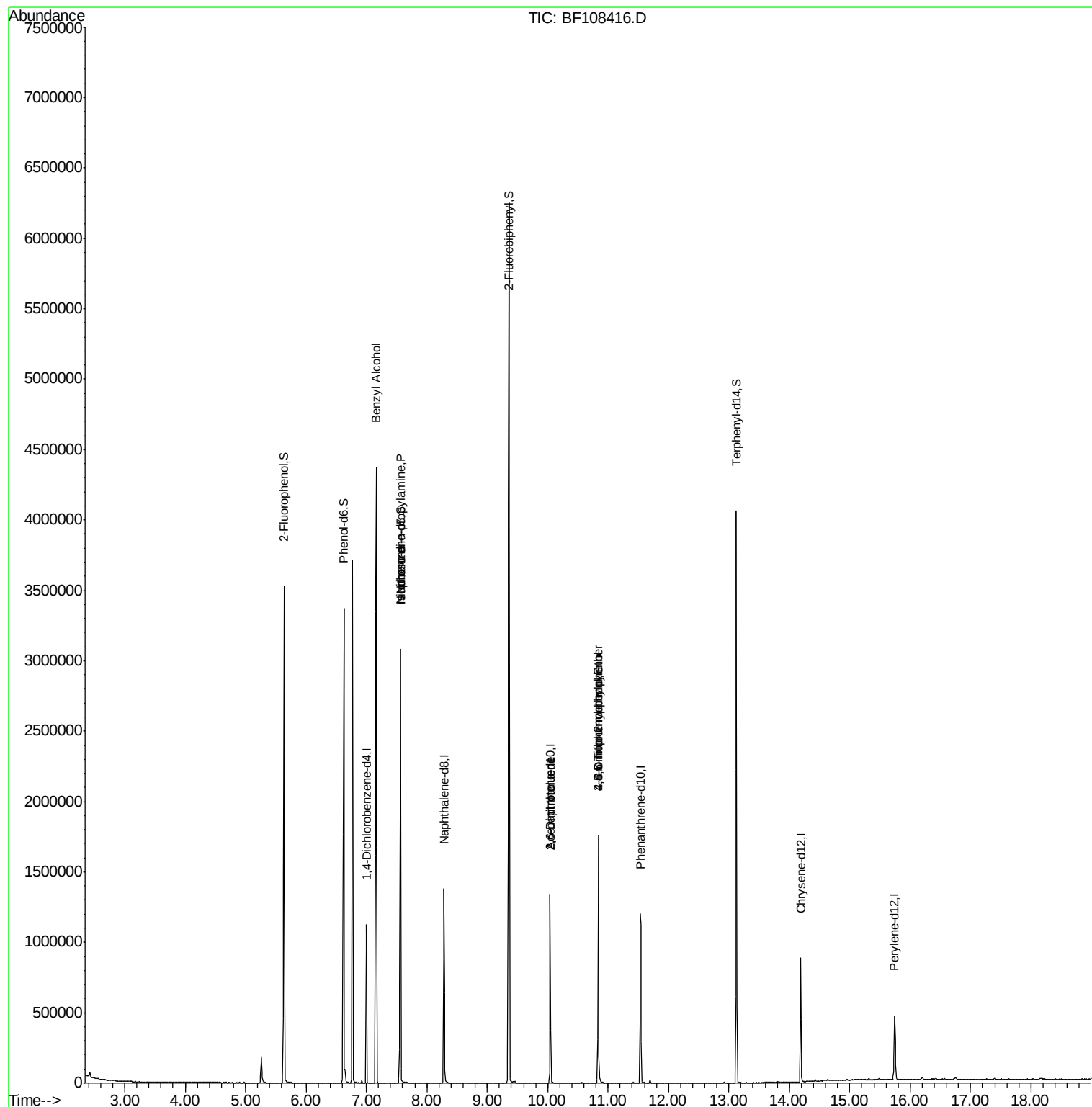
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	158538	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	585505	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	276228	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	465317	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	312100	20.00	ng	-0.01
86) Perylene-d12	15.74	264	250945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	899118	102.68	ng	0.00
7) Phenol-d6	6.62	99	1198928	103.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	1151170	109.71	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	208153	75.55	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	2039952	118.56	ng	0.00
78) Terphenyl-d14	13.12	244	1481383	120.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.16	79	19616	2.002	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	157376	19.999	ng	# 82
25) Isophorone	7.57	82	1151151	57.559	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	35091	8.717	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	35091	6.772	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	344	5.534	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13137	2.598	ng	# 1

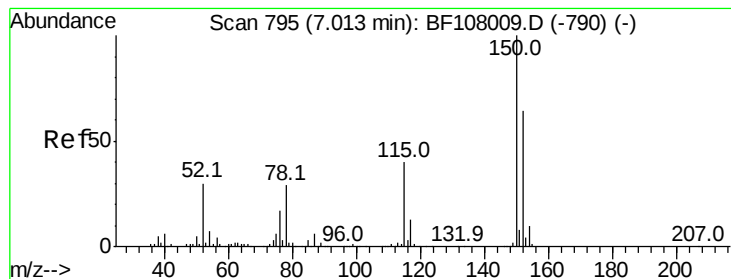
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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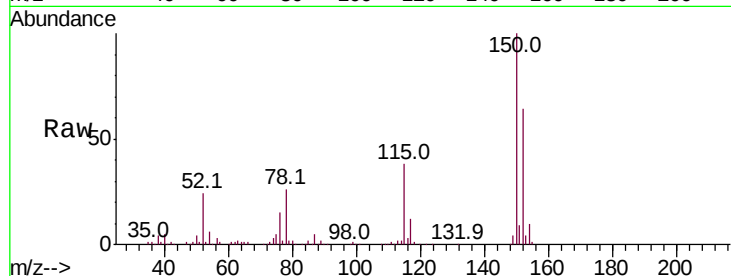


#1

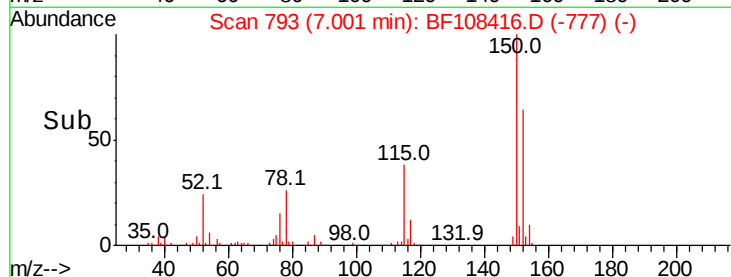
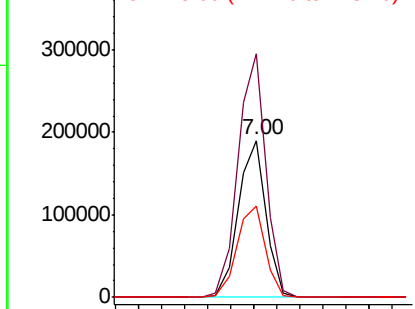
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158538
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 58.4 50.1 75.1



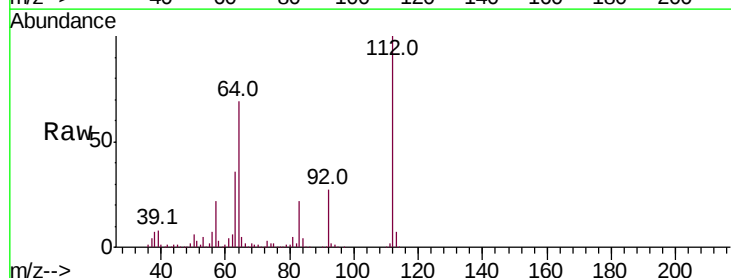
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



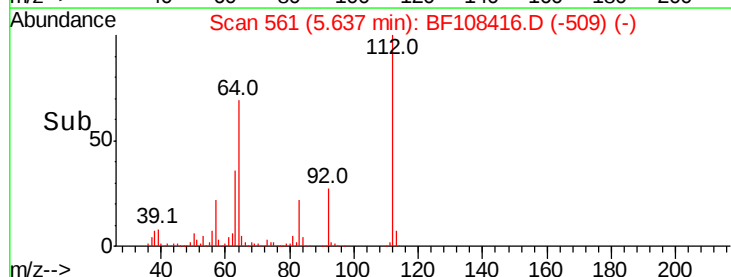
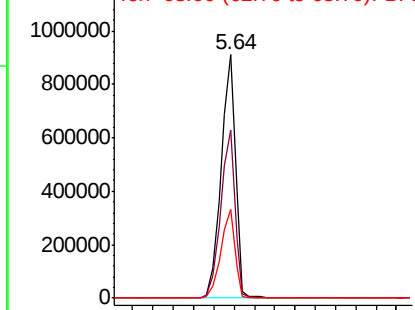
#5

2-Fluorophenol
Concen: 102.676 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:112 Resp: 899118
Ion Ratio Lower Upper
112 100
64 69.0 47.9 71.9
63 36.5 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: 103.031 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

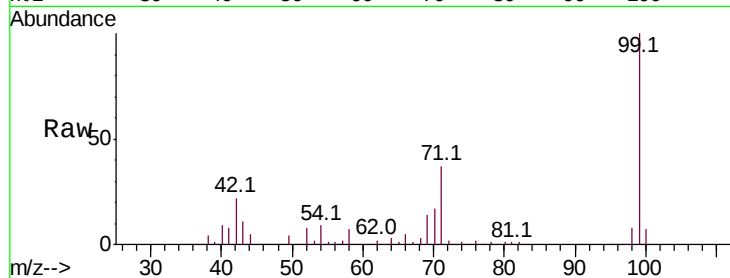
Instrument :

BNA_F

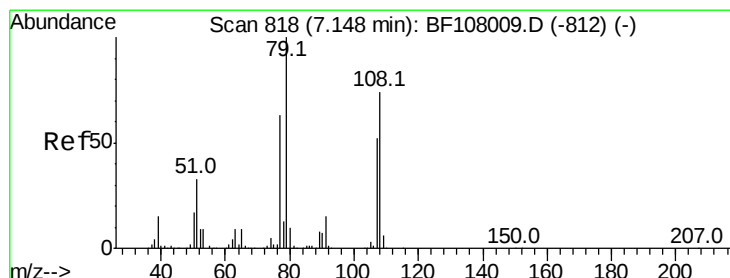
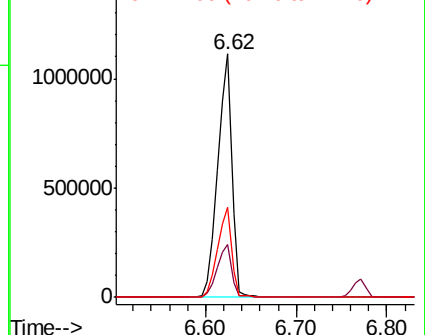
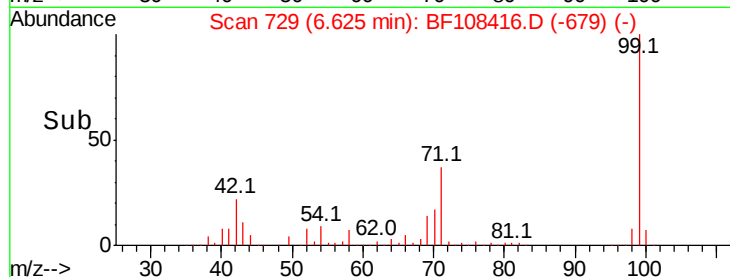
ClientSampled :

Tot Ion: 99 Resp: 1198928

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	37.2	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



#15

Benzyl Alcohol

Concen: 2.002 ng

RT: 7.16 min Scan# 820

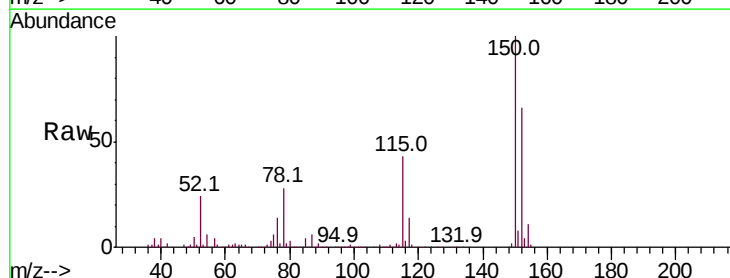
Delta R.T. 0.02 min

Lab File: BF108416.D

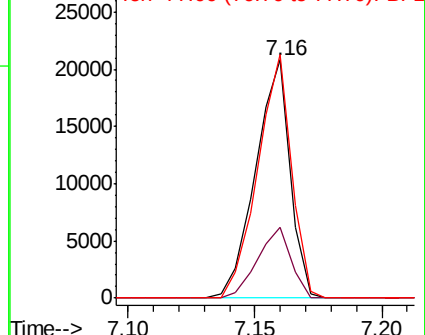
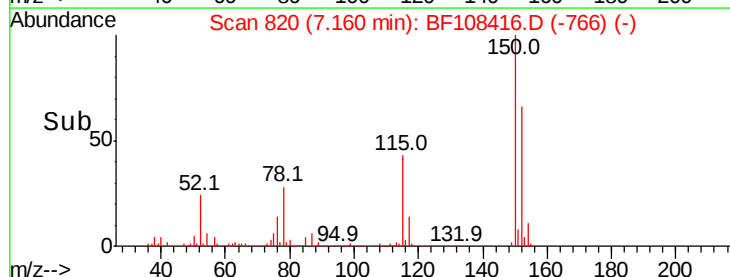
Acq: 23 Aug 2018 8:02

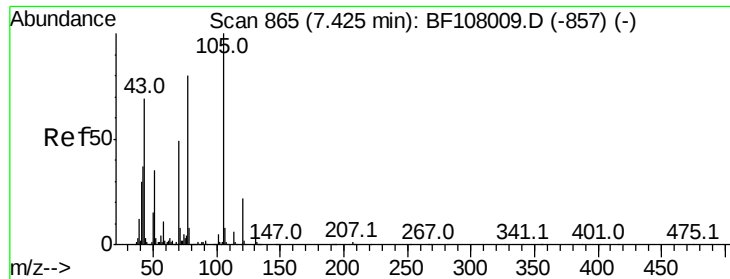
Tgt Ion: 79 Resp: 19616

Ion	Ratio	Lower	Upper
79	100		
108	29.8	65.1	97.7#
77	102.3	50.6	75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

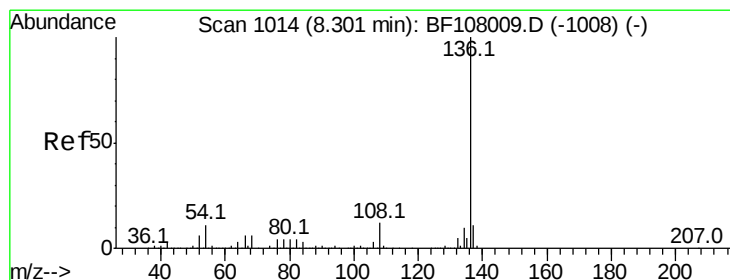
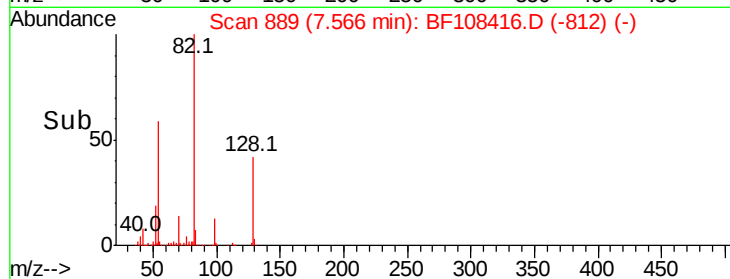
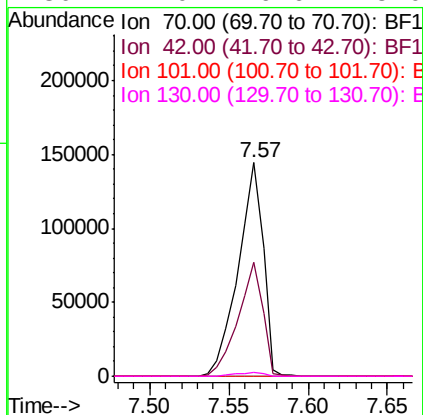
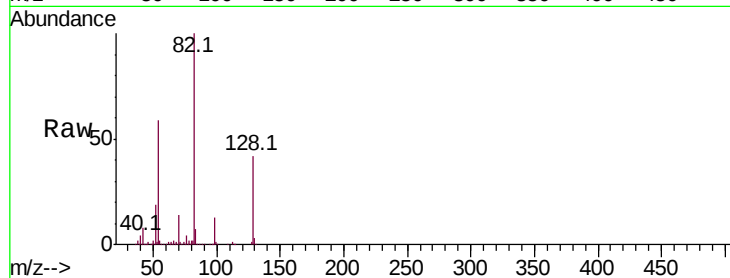




#19
n-Nitroso-di-n-propylamine
Concen: 19.999 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

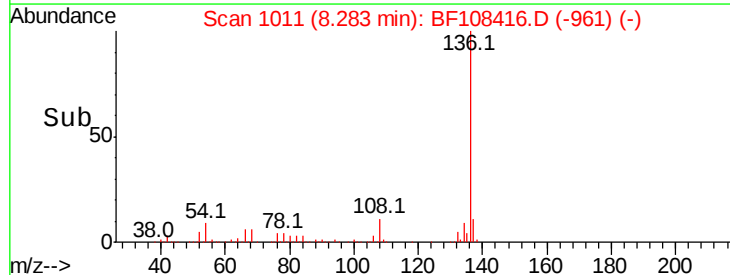
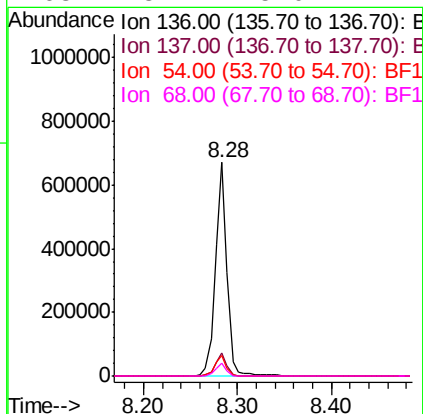
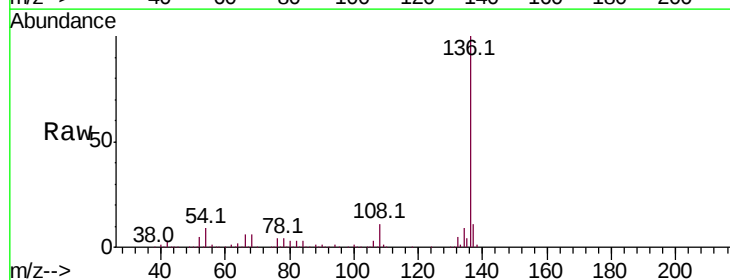
Instrument :
BNA_F
ClientSampleId :

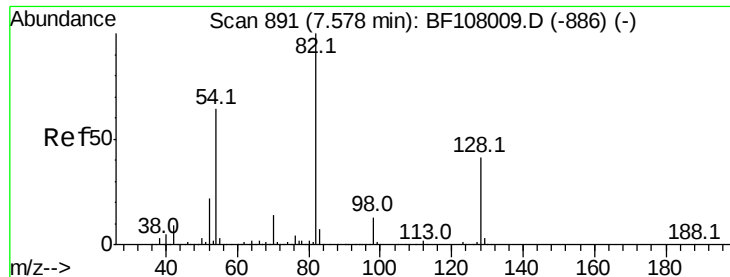
Tot Ion: 70 Resp: 157376
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion: 136 Resp: 585505
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.4 6.6 9.8
68 5.7 5.0 7.4



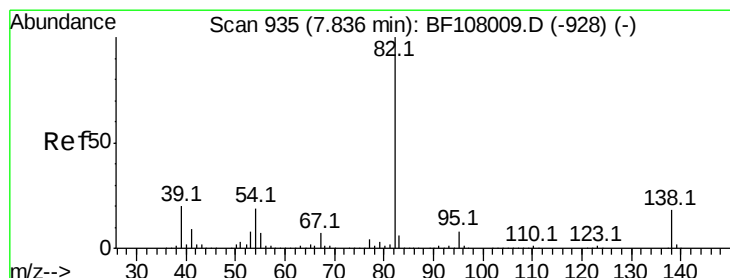
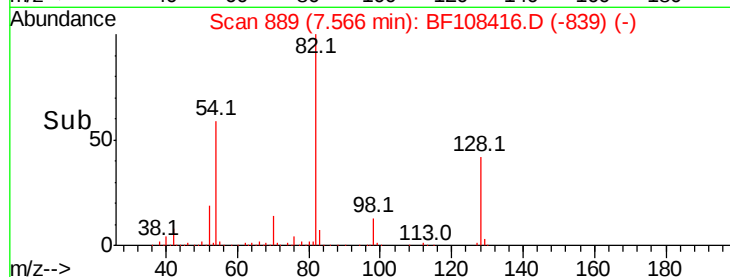
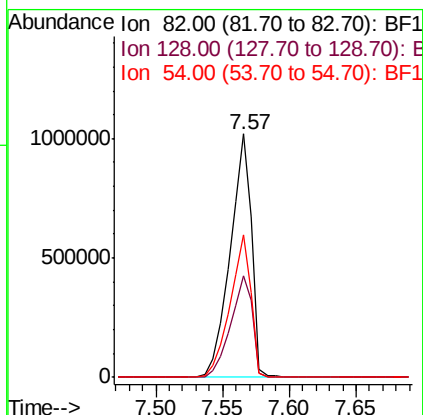
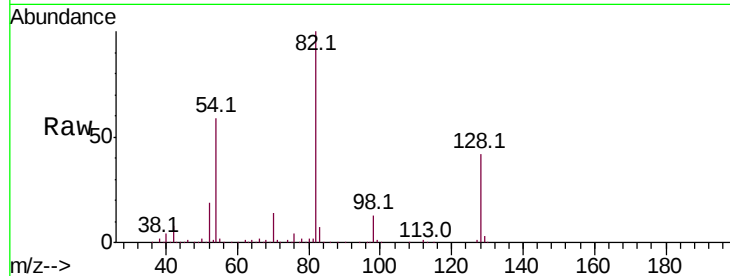


#23
 Nitrobenzene-d5
 Concen: 109.712 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1151170

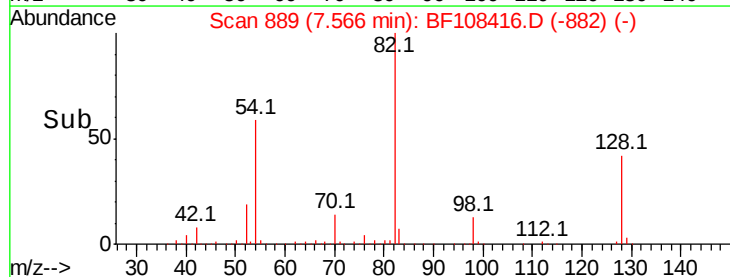
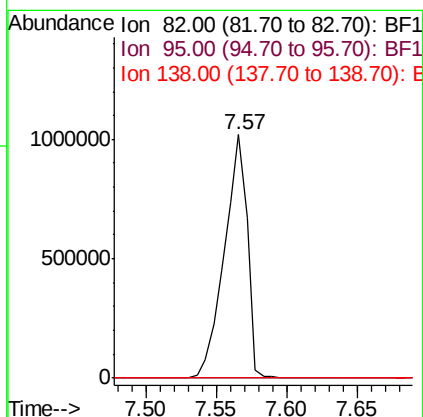
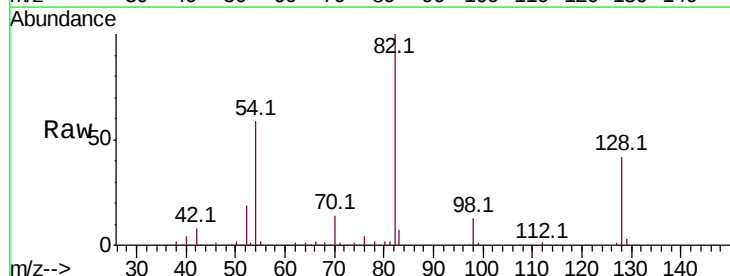
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	58.8	41.4	62.2

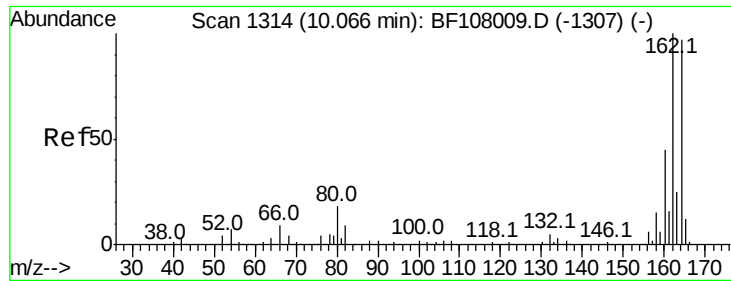


#25
 Isophorone
 Concen: 57.559 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Tgt Ion: 82 Resp: 1151151

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

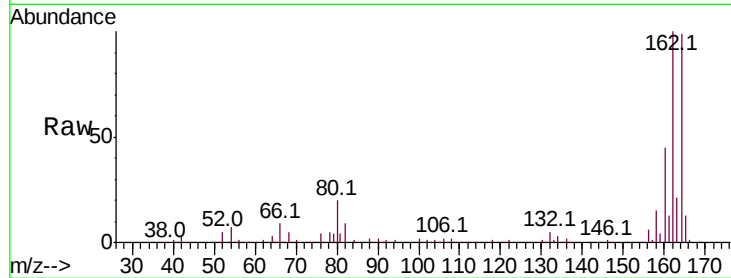




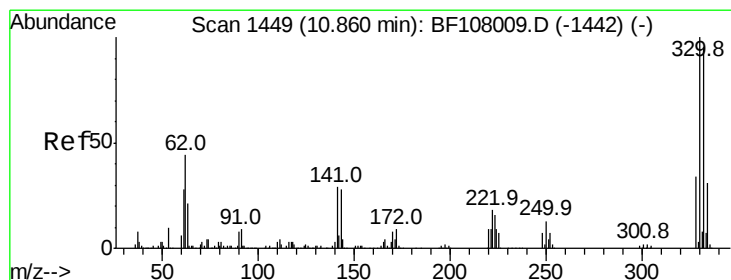
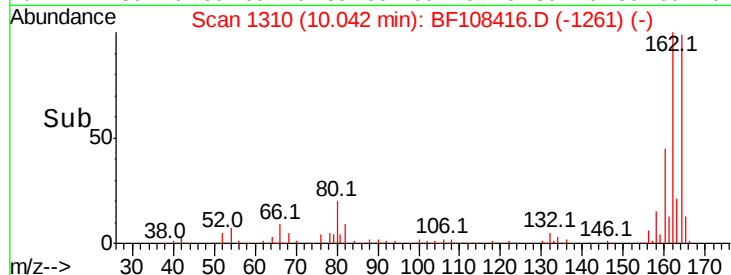
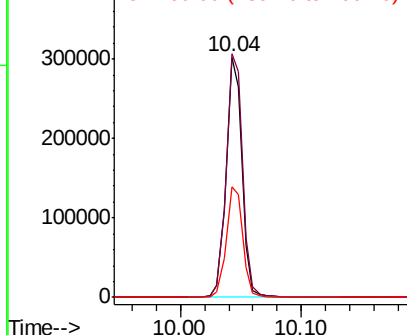
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 276228
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.0 38.3 57.5

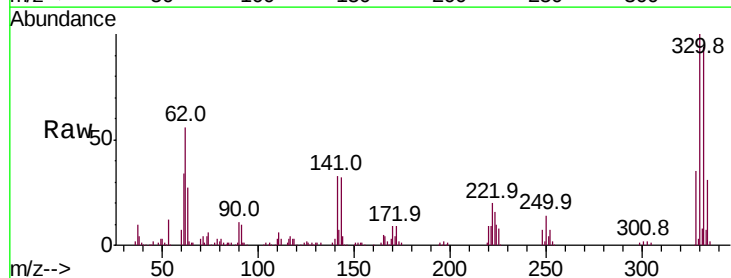


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

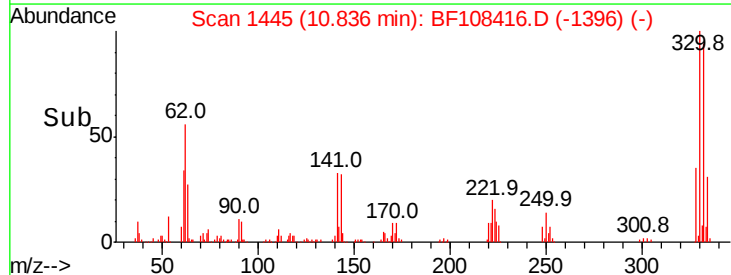
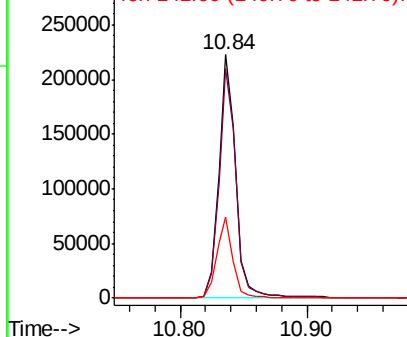


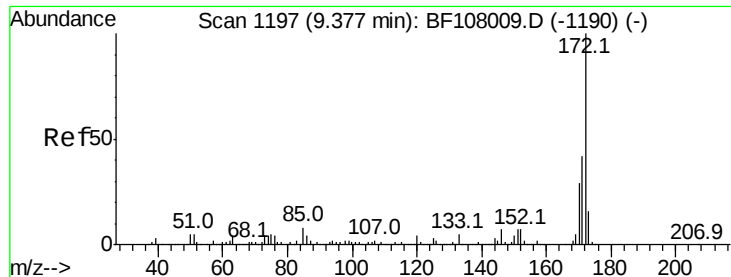
#41
 2,4,6-Tribromophenol
 Concen: 75.546 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Tgt Ion:330 Resp: 208153
 Ion Ratio Lower Upper
 330 100
 332 95.4 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

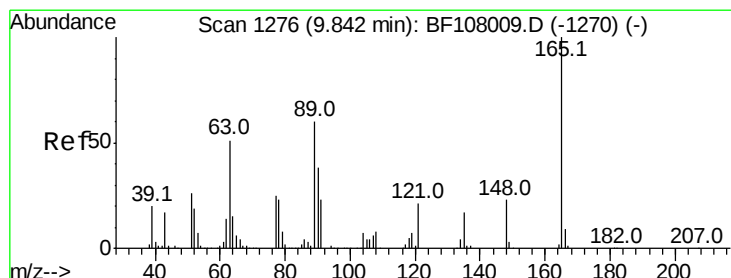
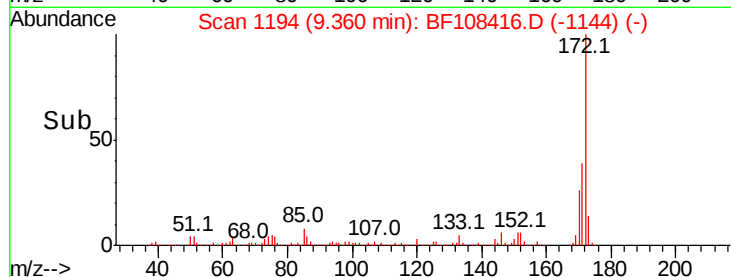
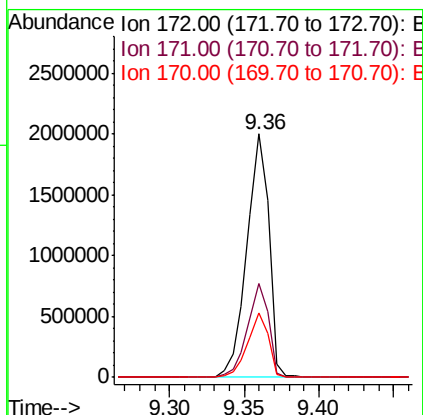
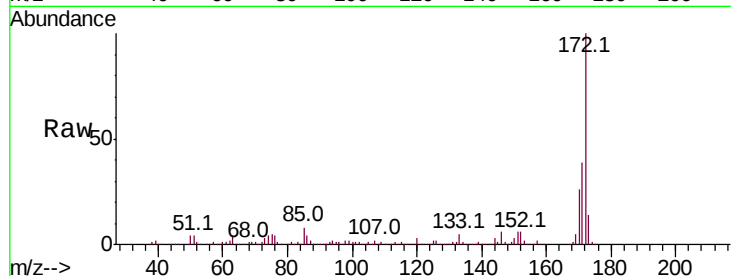




#44
 2-Fluorobiphenyl
 Concen: 118.564 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

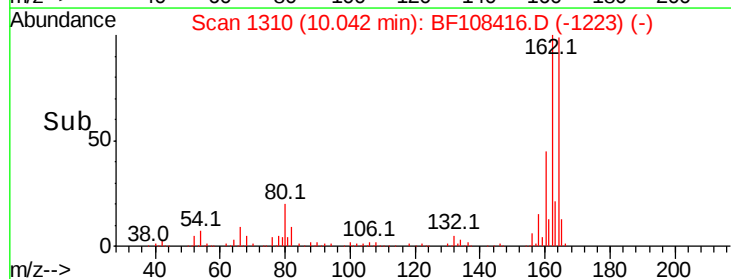
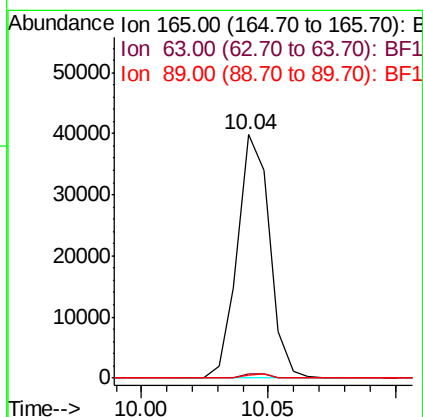
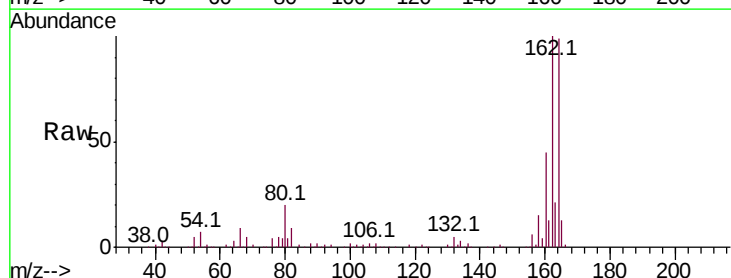
Instrument :
 BNA_F
 ClientSampled :

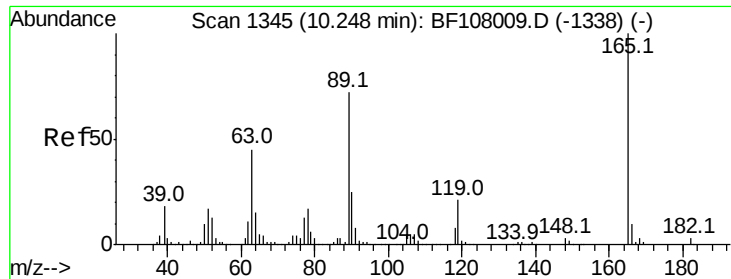
Tot Ion:172 Resp: 2039952
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.7 44.5
 170 26.2 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.717 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Tgt Ion:165 Resp: 35091
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.4 44.0 66.0#

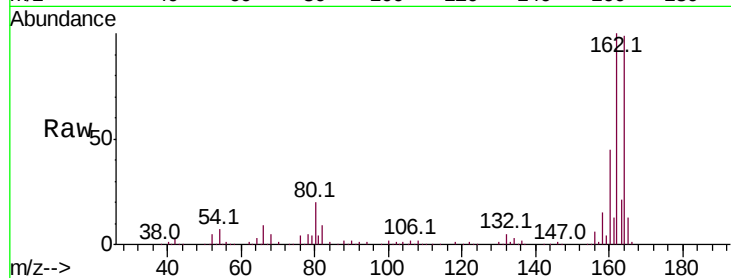




#56
 2,4-Dinitrotoluene
 Concen: 6.772 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

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



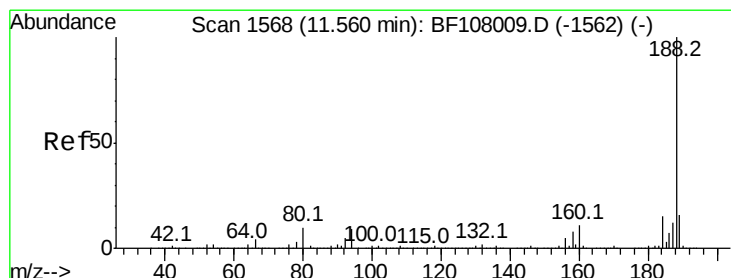
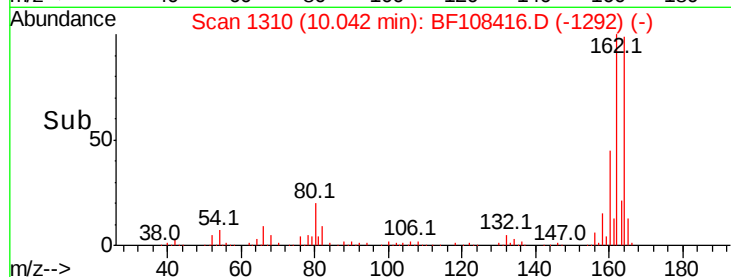
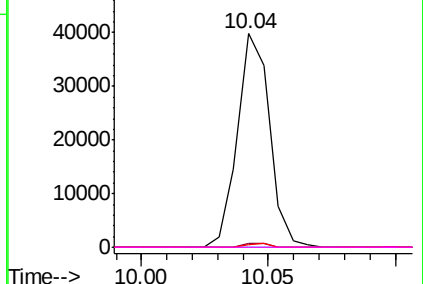
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

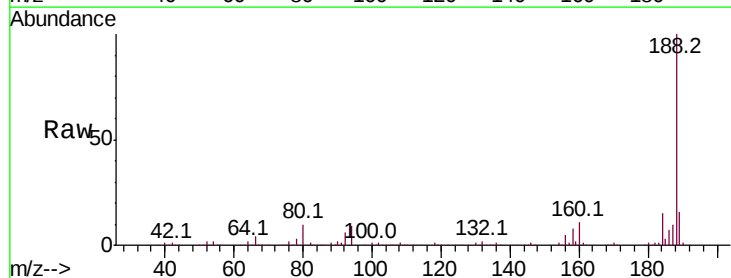
Ion 89.00 (88.70 to 89.70): BF1

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: BF108416.D
 Acq: 23 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	9.2	13.8

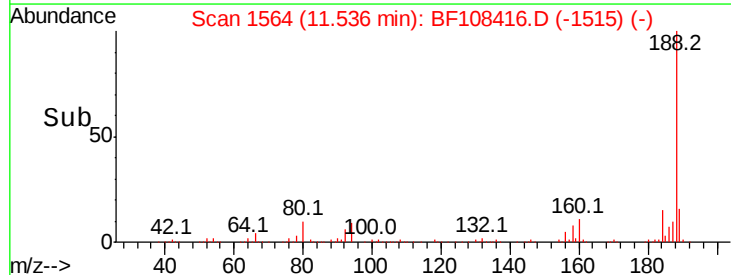
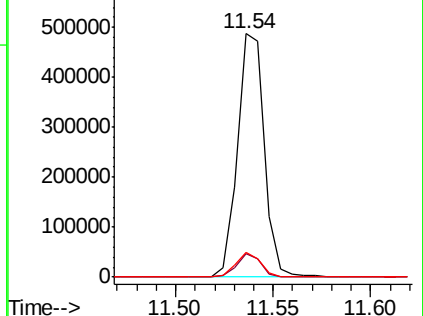


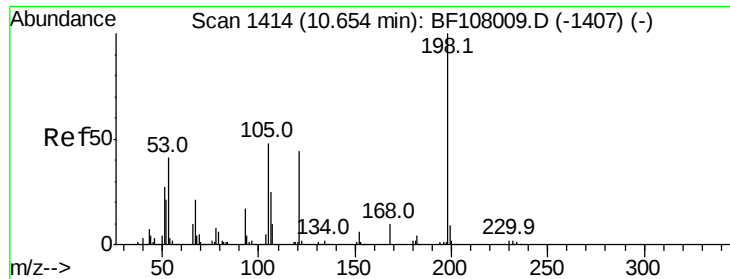
Abundance

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: 5.534 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

Instrument :

BNA_F

ClientSampled :

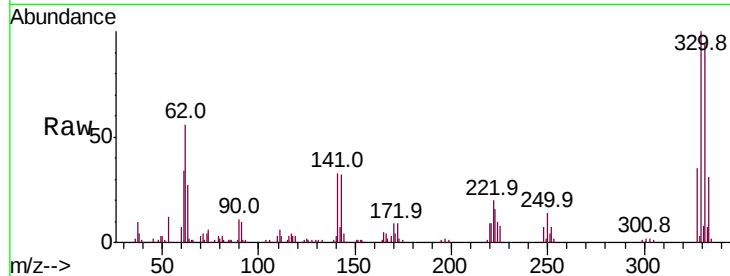
Tot Ion:198 Resp: 344

Ion Ratio Lower Upper

198 100

51 172.2 37.7 77.7#

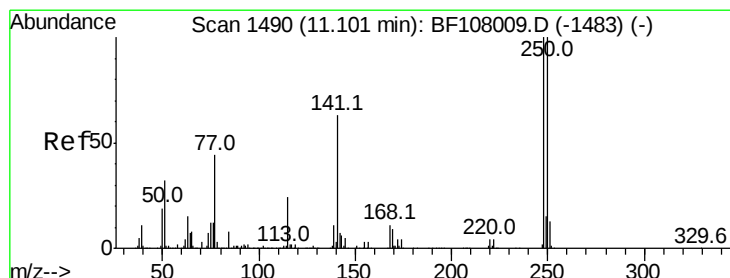
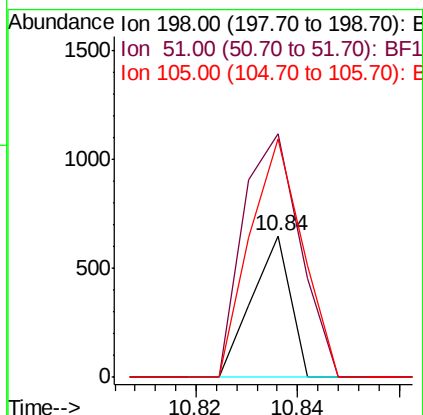
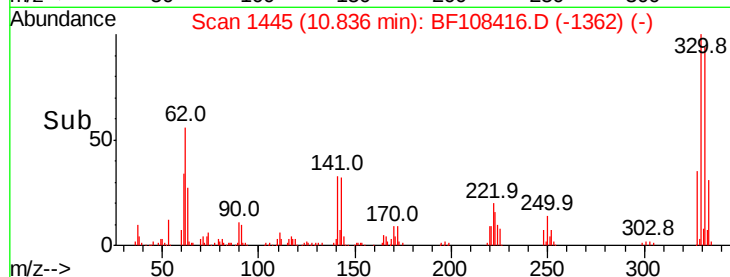
105 169.0 36.3 76.3#



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: 2.598 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

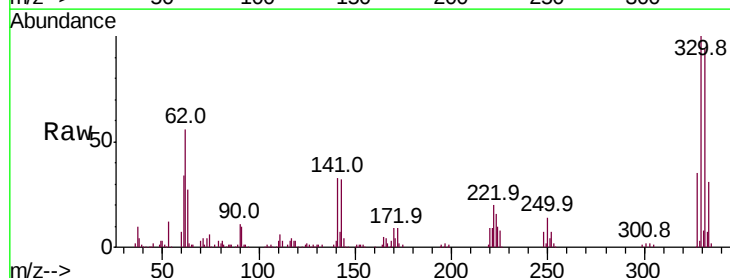
Tgt Ion:248 Resp: 13137

Ion Ratio Lower Upper

248 100

250 207.0 76.9 115.3#

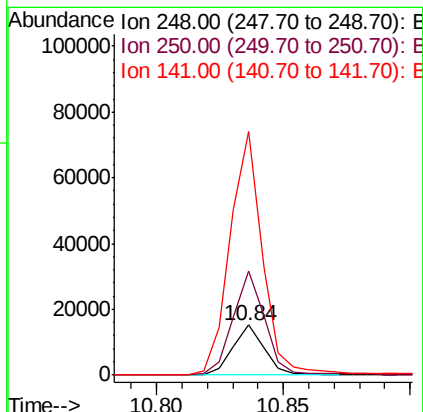
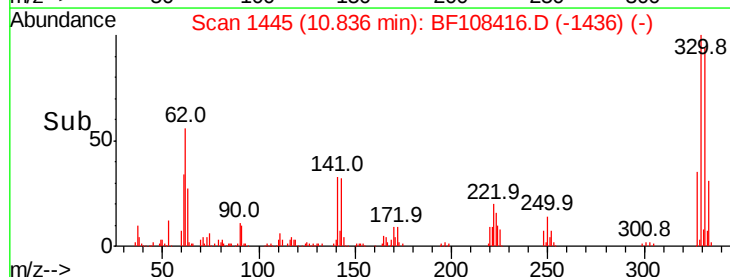
141 484.4 74.4 111.6#

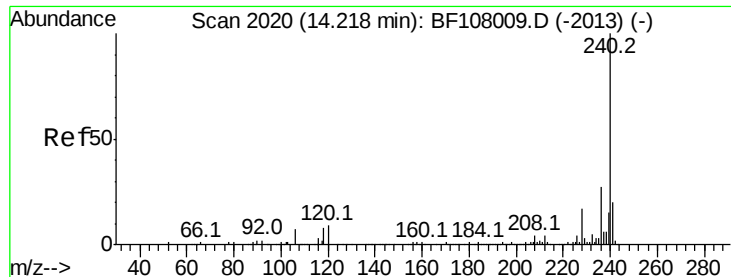


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108416.D

Acq: 23 Aug 2018 8:02

Instrument :

BNA_F

ClientSampleId :

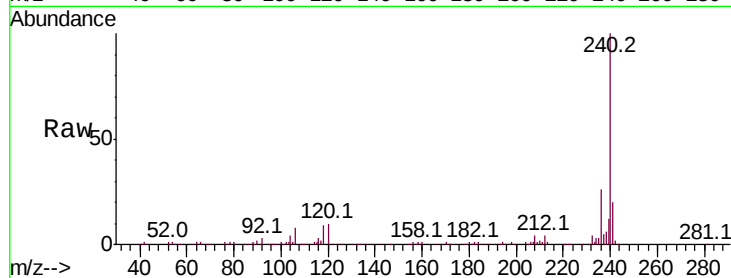
Tot Ion:240 Resp: 312100

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

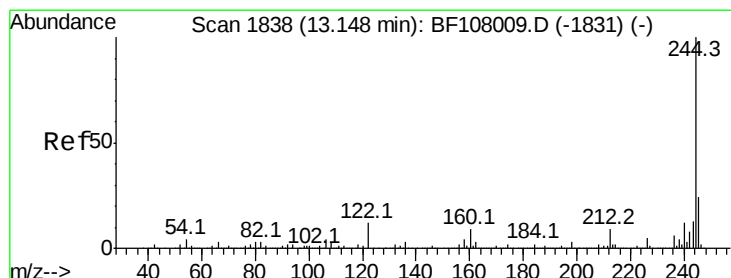
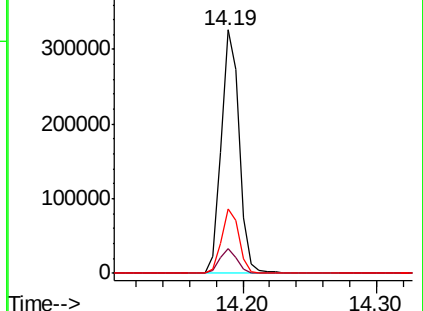
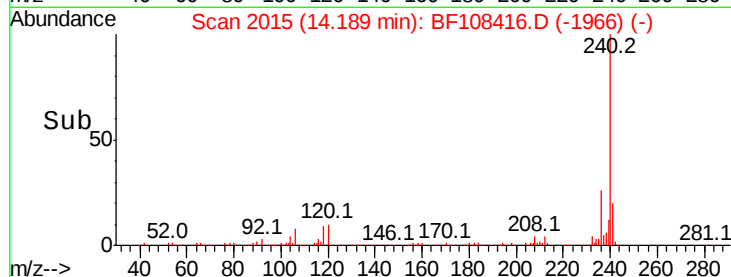
236 26.4 20.7 31.1



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: 120.683 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

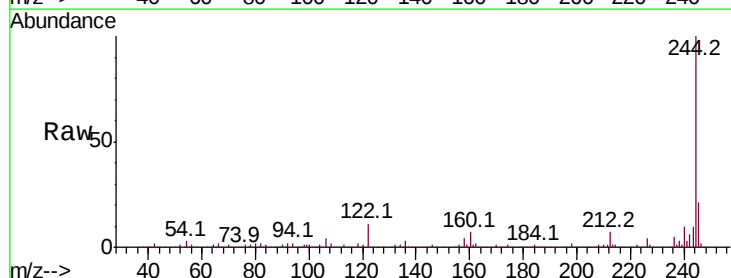
Tgt Ion:244 Resp: 1481383

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

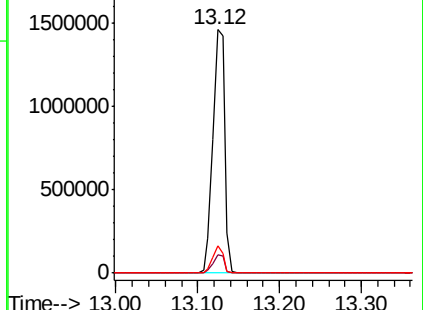
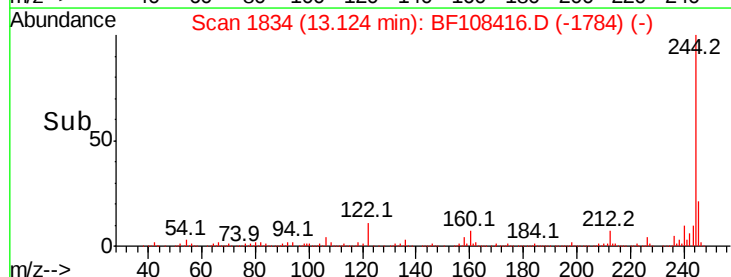
122 11.3 11.0 16.4

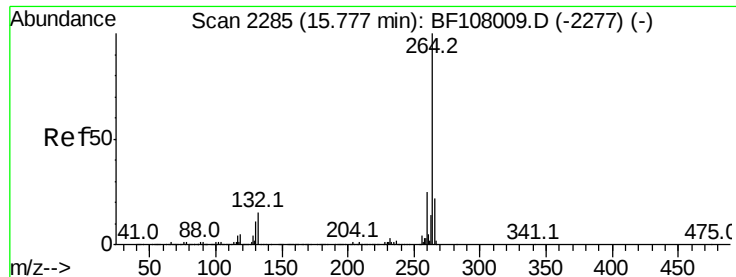


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

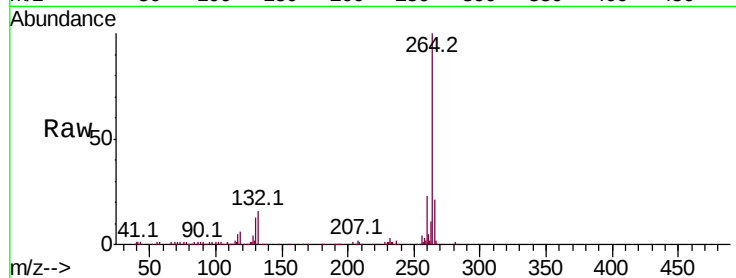




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	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

