

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108373.D
 Acq On : 22 Aug 2018 8:02
 Operator : JU/SJ
 Sample : J4542-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 10:54:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

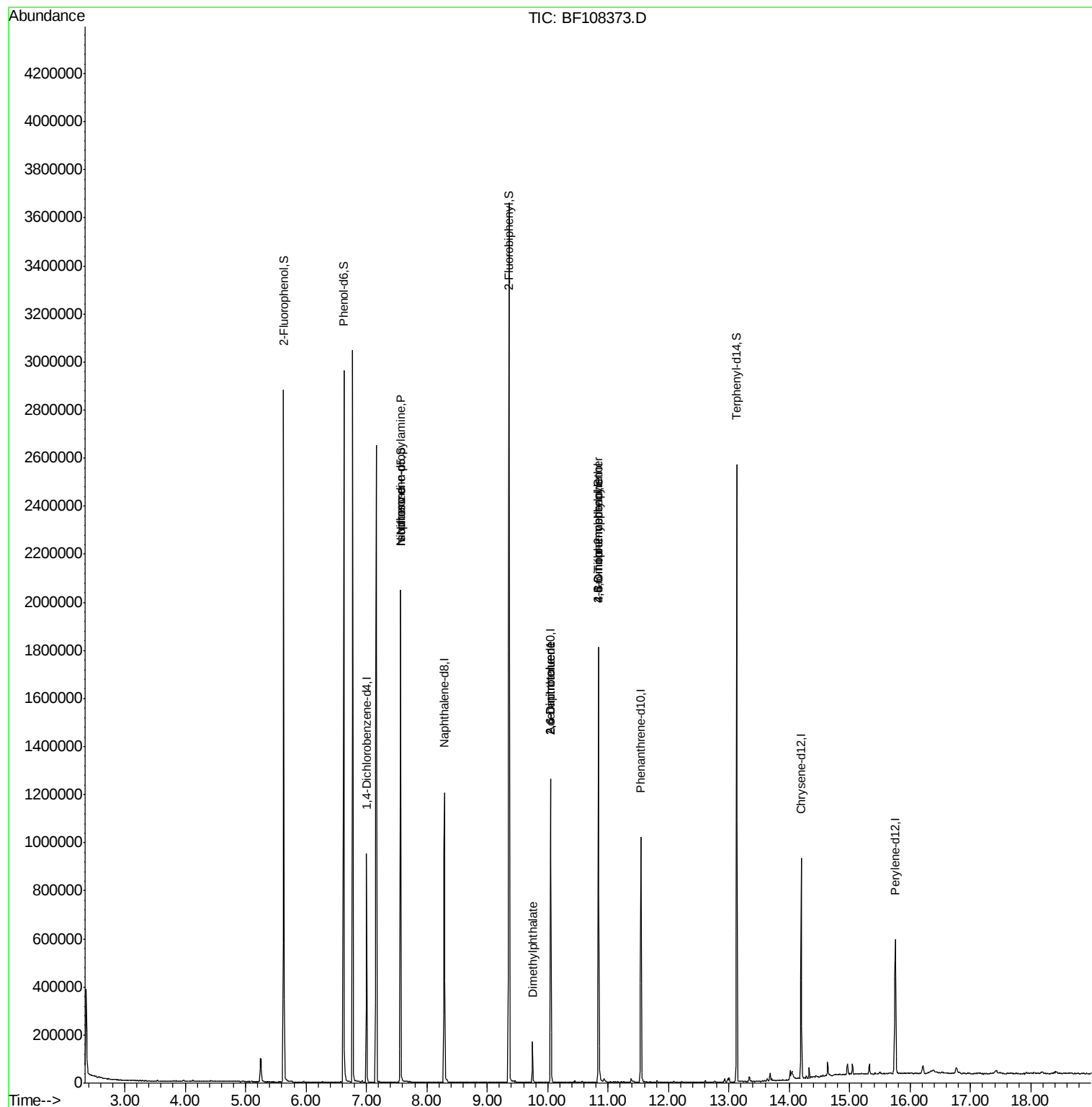
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	141236	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	522982	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	236364	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	391100	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	321048	20.00	ng	-0.02
86) Perylene-d12	15.75	264	266270	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	746796	95.73	ng	0.00
7) Phenol-d6	6.62	99	990651	95.56	ng	0.00
23) Nitrobenzene-d5	7.57	82	641442	68.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	206747	87.69	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	1099022	74.65	ng	-0.02
78) Terphenyl-d14	13.13	244	858502	67.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	86254	12.304	ng	# 83
25) Isophorone	7.57	82	641435	35.907	ng	# 64
49) Dimethylphthalate	9.75	163	68283	4.147	ng	# 99
50) 2,6-Dinitrotoluene	10.05	165	30476	8.847	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	30476	6.873	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	363	5.578	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13216	3.109	ng	# 1

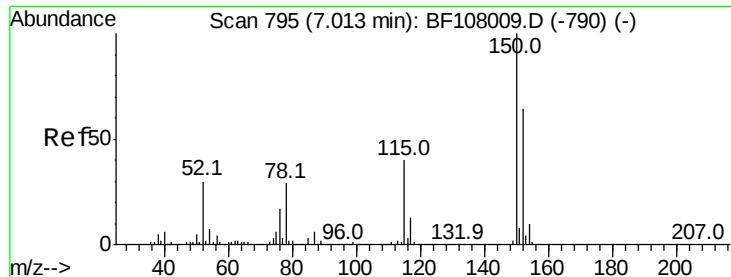
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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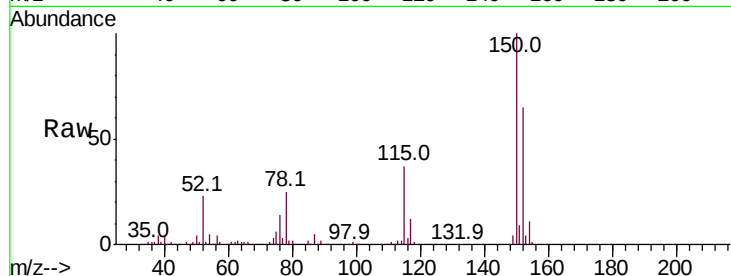


#1

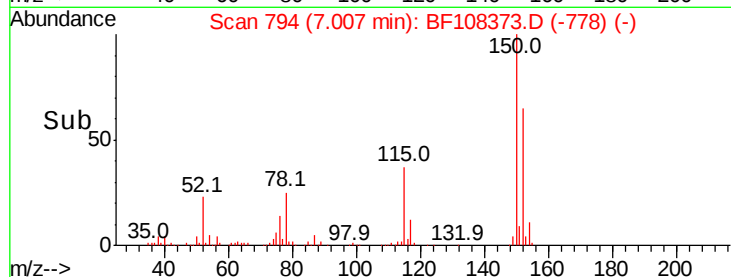
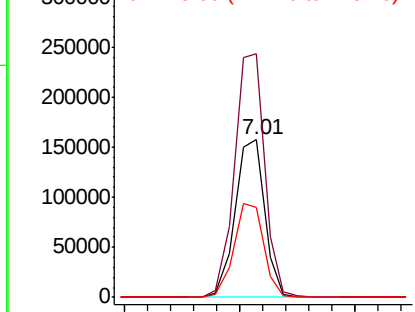
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141236
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 57.0 50.1 75.1



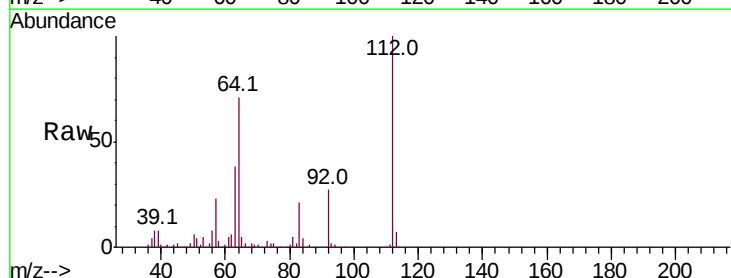
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



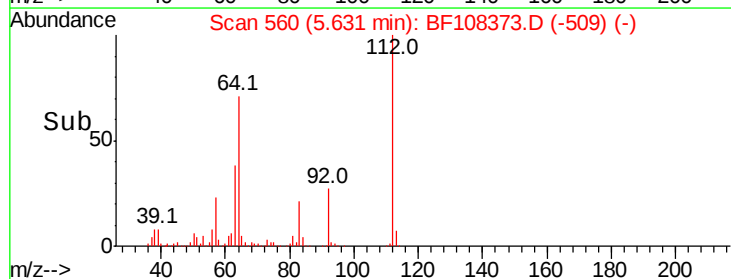
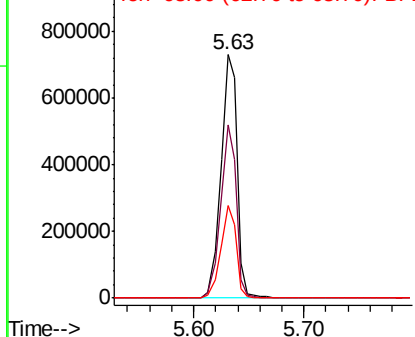
#5

2-Fluorophenol
Concen: 95.729 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Tgt Ion:112 Resp: 746796
Ion Ratio Lower Upper
112 100
64 71.0 47.9 71.9
63 37.9 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: 95.561 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

Instrument :

BNA_F

ClientSampleId :

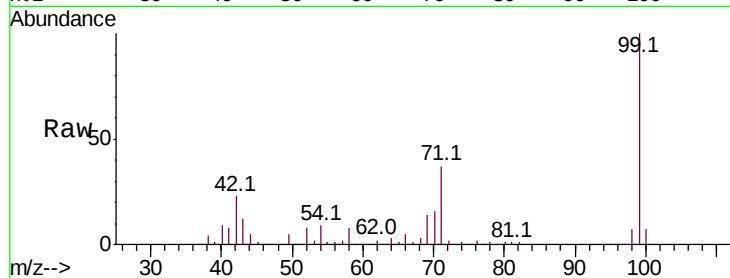
Tot Ion: 99 Resp: 990651

Ion Ratio Lower Upper

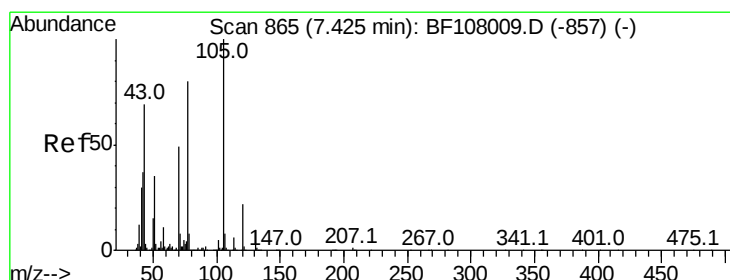
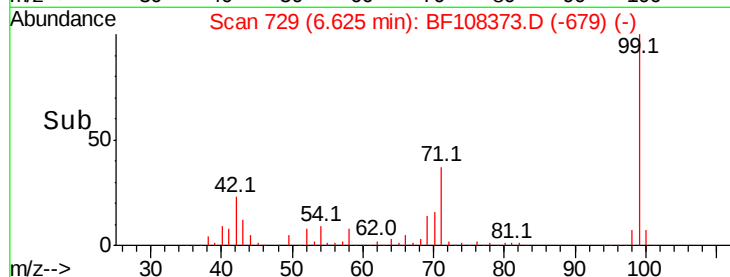
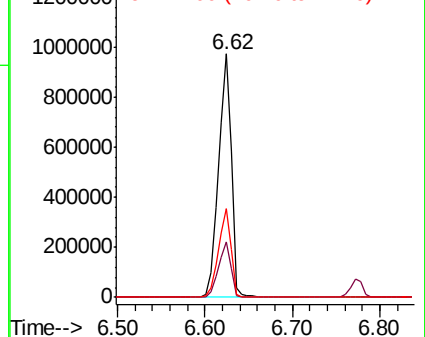
99 100

42 22.7 14.5 21.7#

71 36.6 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: 12.304 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

Tgt Ion: 70 Resp: 86254

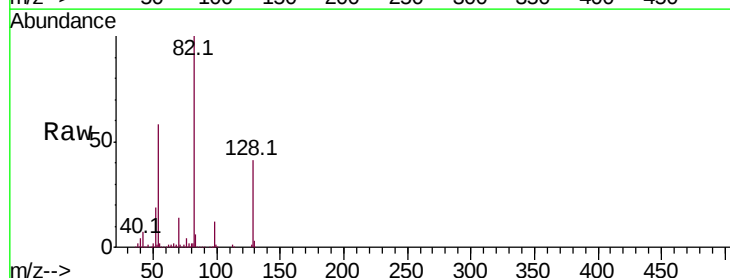
Ion Ratio Lower Upper

70 100

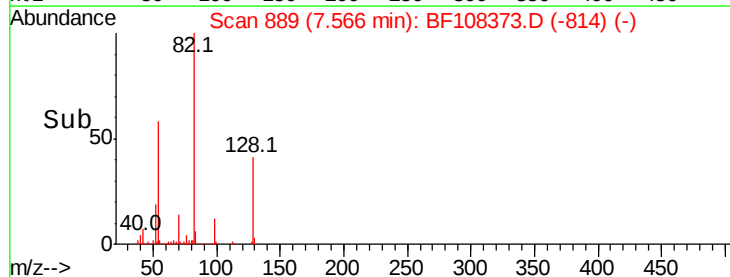
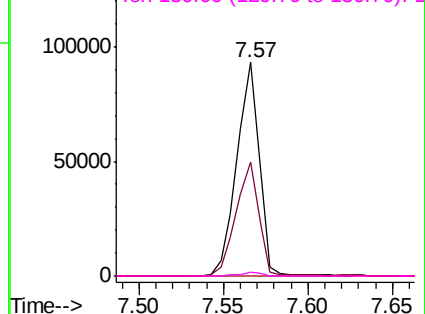
42 53.4 47.5 71.3

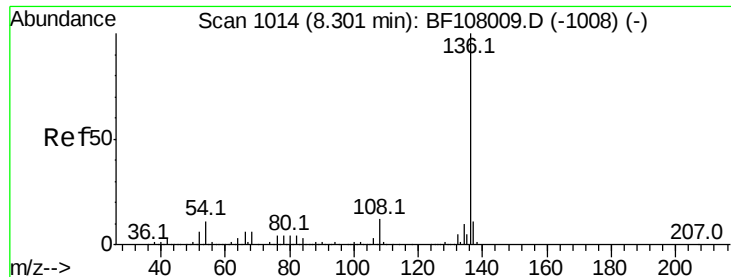
101 0.0 7.4 11.2#

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

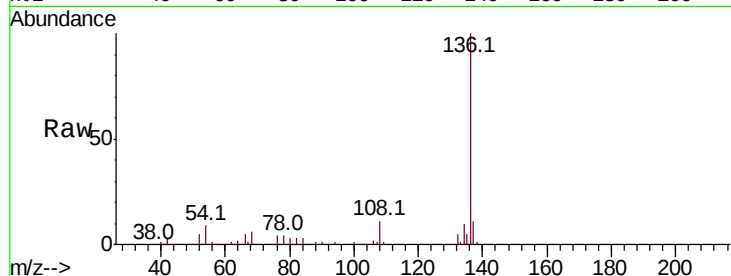




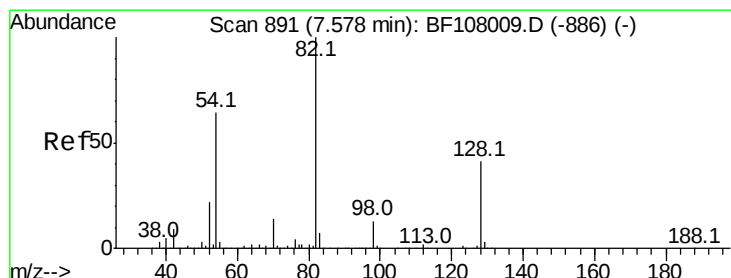
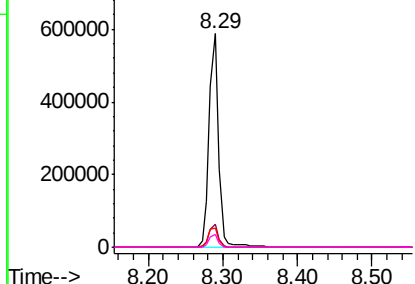
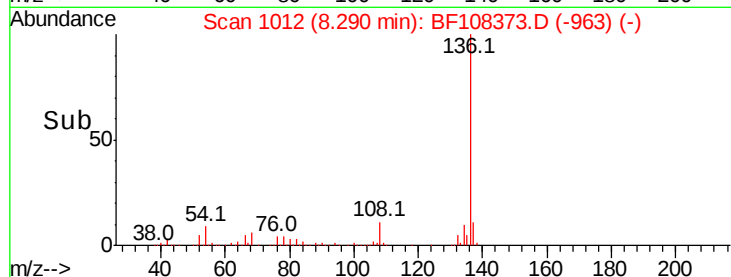
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	522982
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.2	6.6 9.8
68	5.7	5.0 7.4

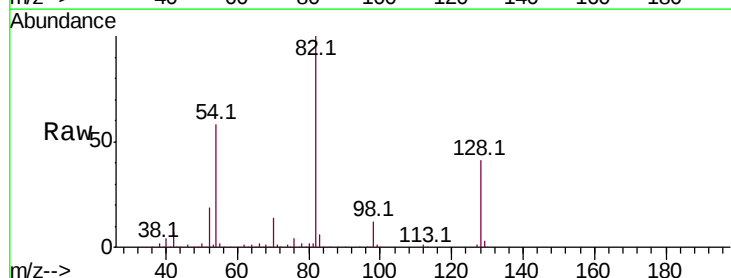


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

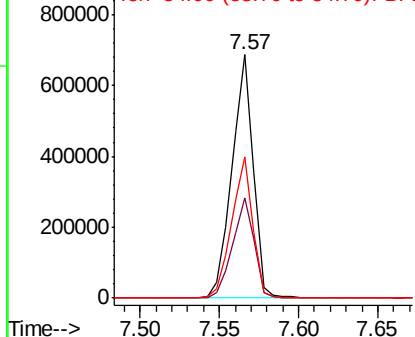
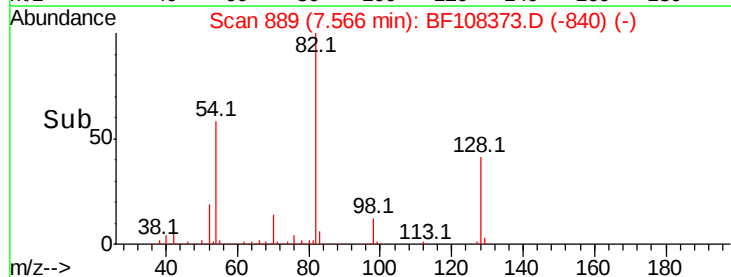


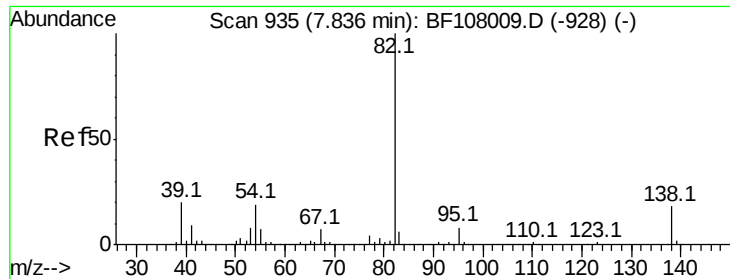
#23
Nitrobenzene-d5
Concen: 68.441 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Tgt Ion: 82	Resp:	641442
Ion Ratio	Lower	Upper
82	100	
128	41.3	36.1 54.1
54	58.1	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: 35.907 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

Instrument :

BNA_F

ClientSampled :

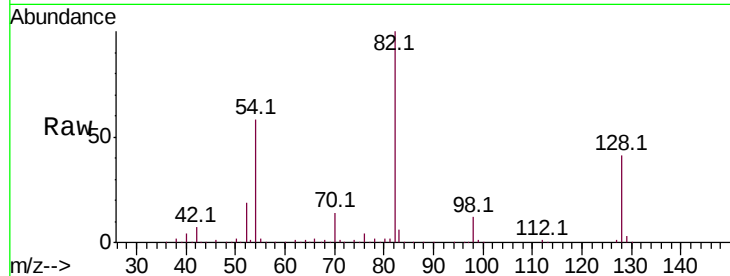
Tot Ion: 82 Resp: 641435

Ion Ratio Lower Upper

82 100

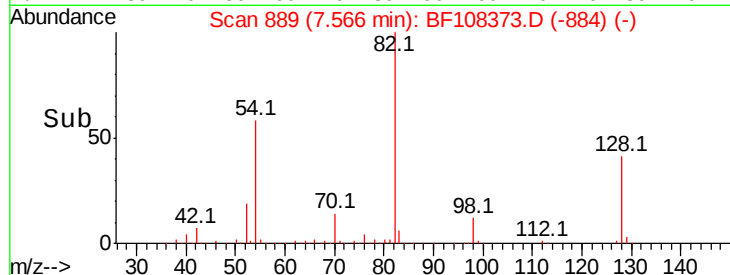
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

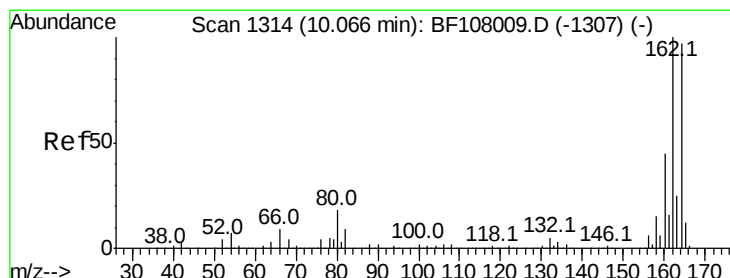


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

7.57



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

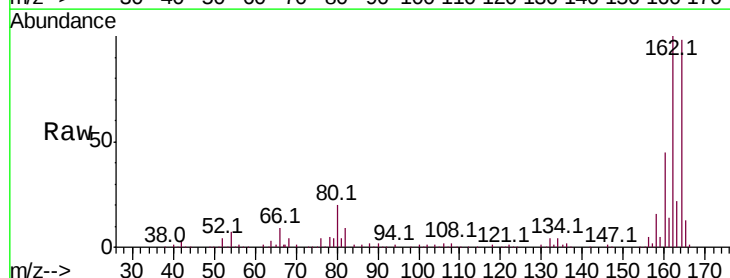
Tgt Ion: 164 Resp: 236364

Ion Ratio Lower Upper

164 100

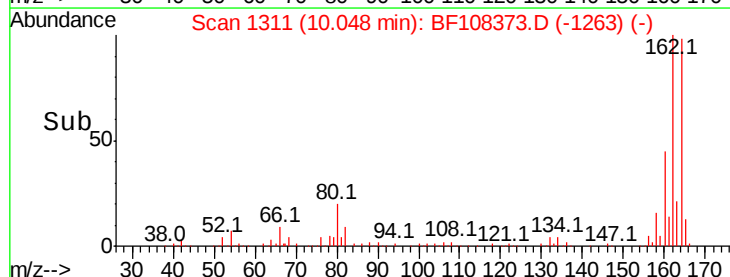
162 102.3 86.1 129.1

160 46.0 38.3 57.5

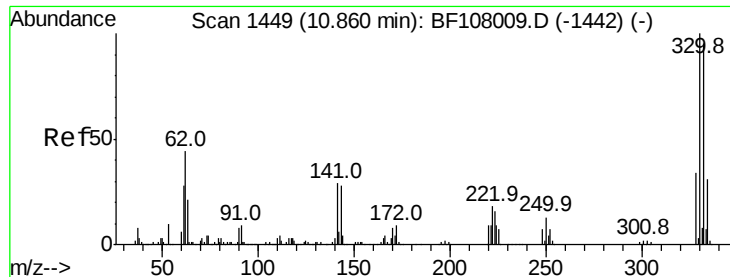


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

10.05



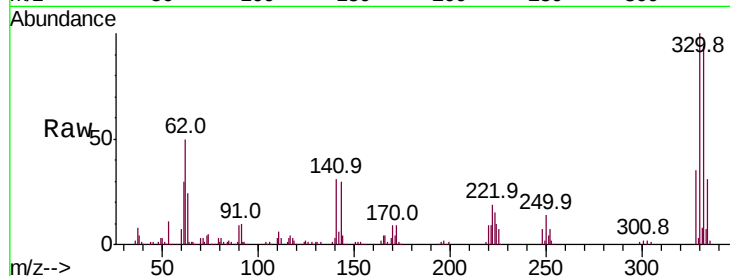
Time-->



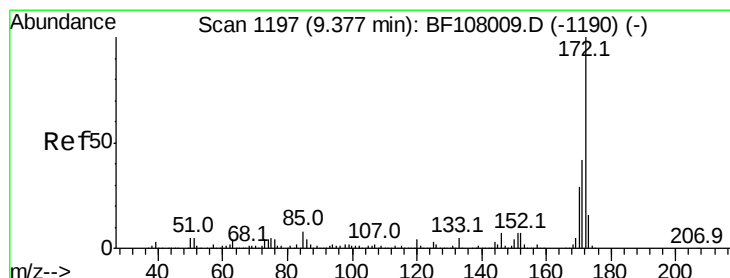
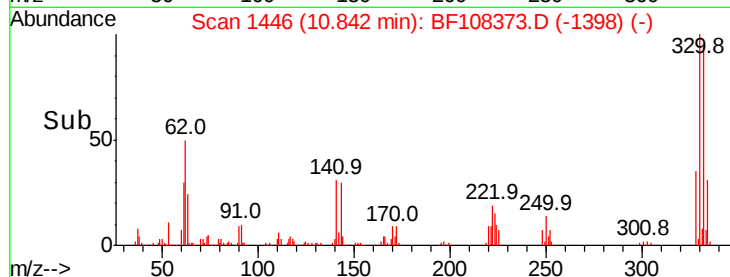
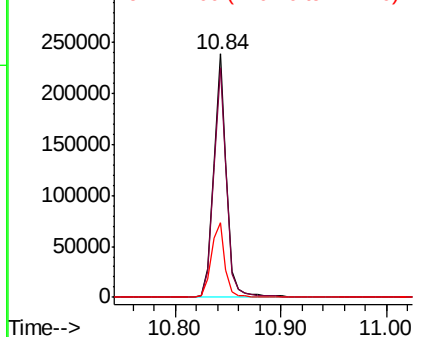
#41
 2,4,6-Tribromophenol
 Concen: 87.691 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108373.D
 Acq: 22 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.6	29.9	44.9

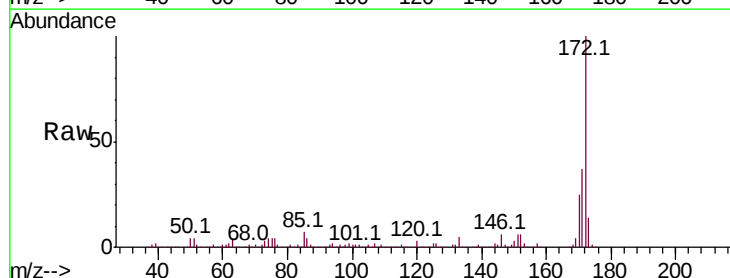


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

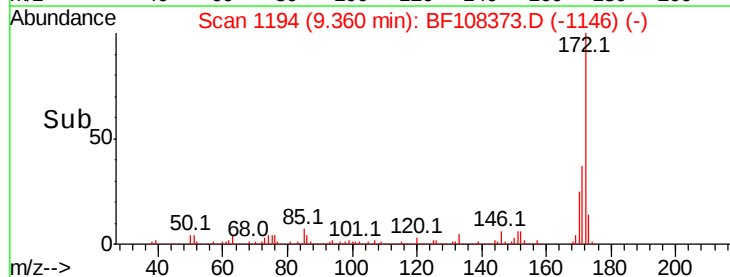
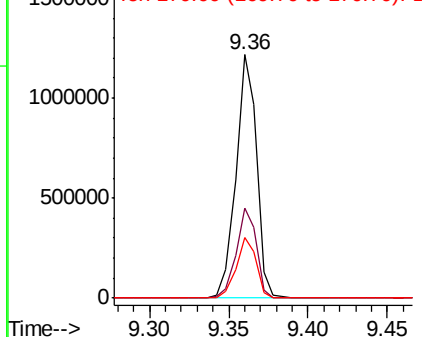


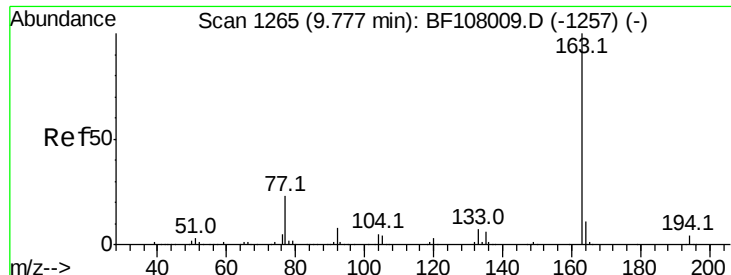
#44
 2-Fluorobiphenyl
 Concen: 74.650 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108373.D
 Acq: 22 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	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

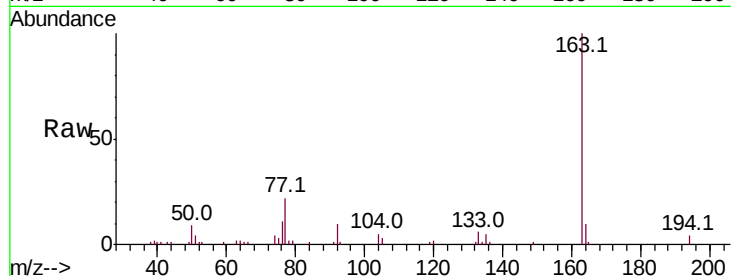




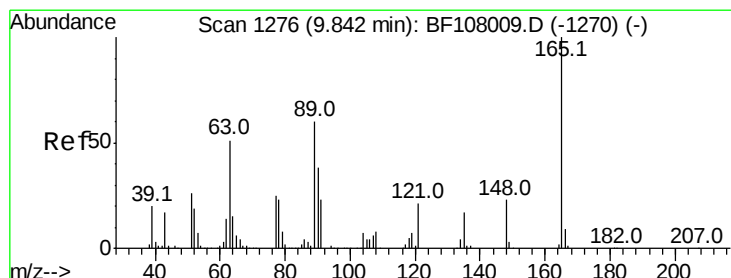
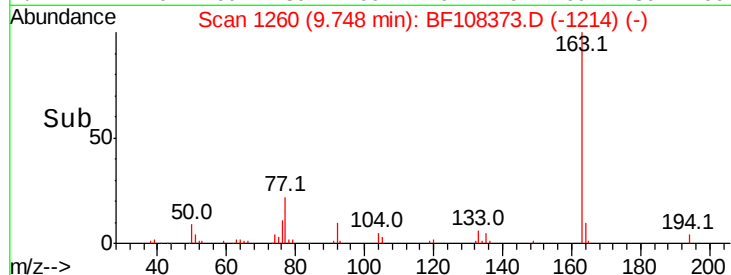
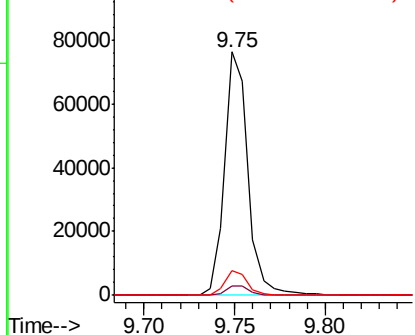
#49
Dimethylphthalate
Concen: 4.147 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.1	8.2	12.2

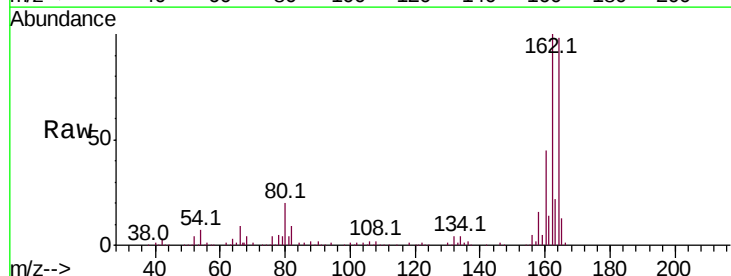


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

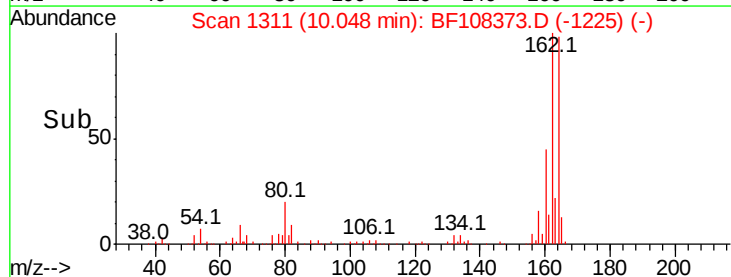
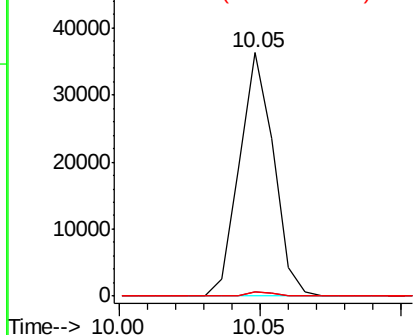


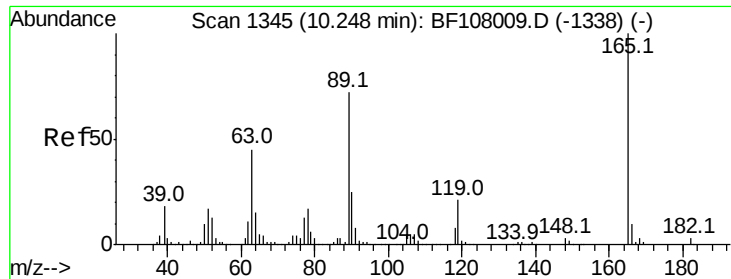
#50
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	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

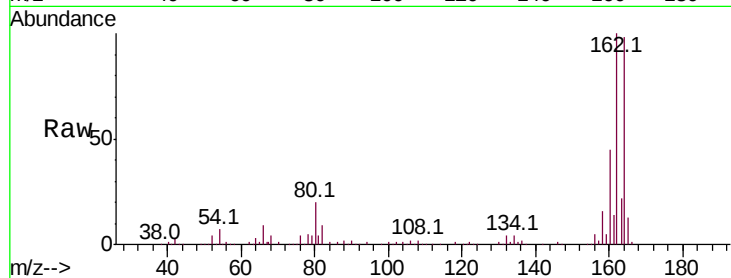




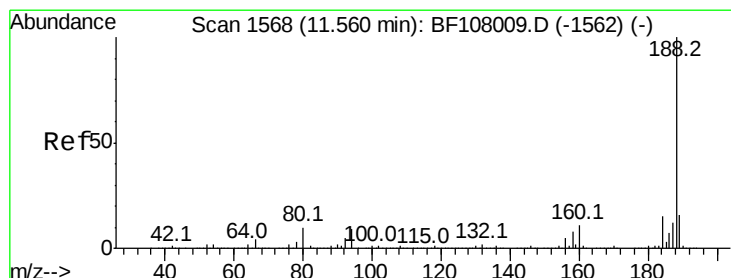
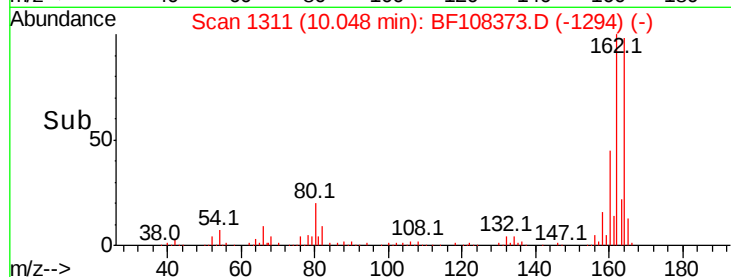
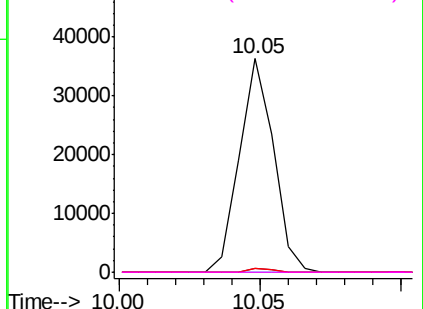
#56
 2,4-Dinitrotoluene
 Concen: 6.873 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108373.D
 Acq: 22 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 30476
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

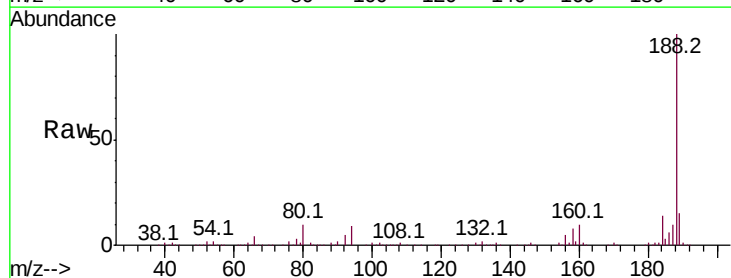


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

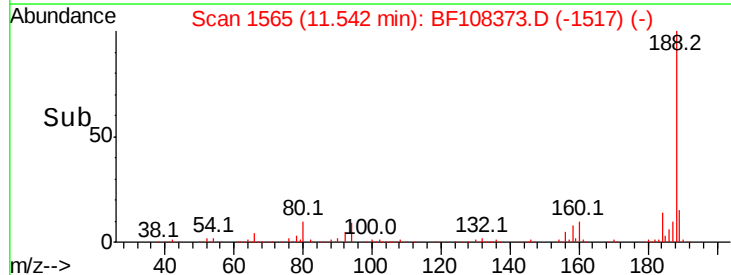
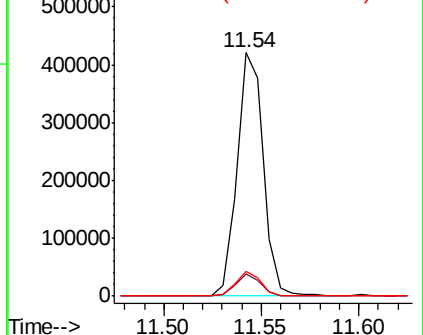


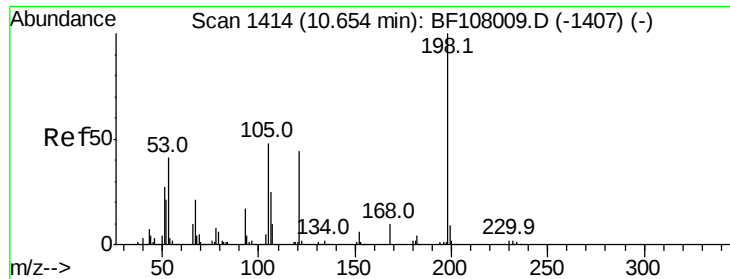
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF108373.D
 Acq: 22 Aug 2018 8:02

Tgt Ion:188 Resp: 391100
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.1 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

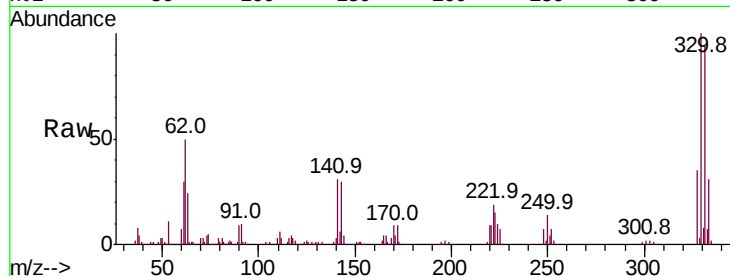




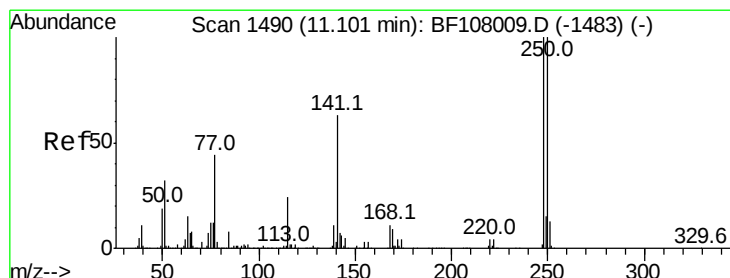
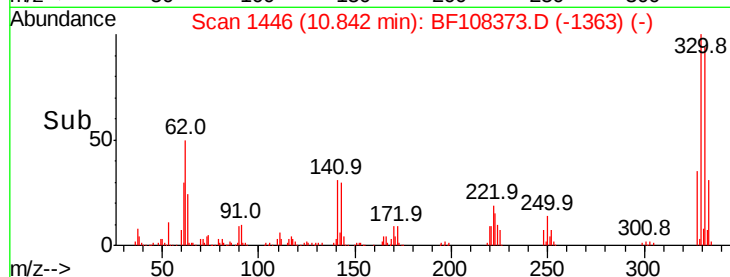
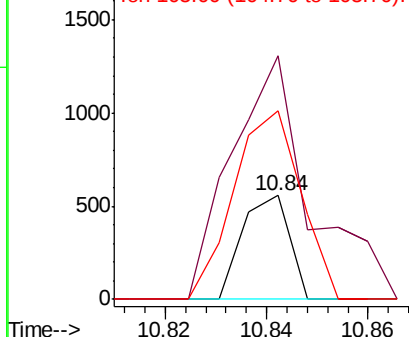
#64
4,6-Dinitro-2-methylphenol
Concen: 5.578 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	234.5	37.7	77.7#
105	181.9	36.3	76.3#

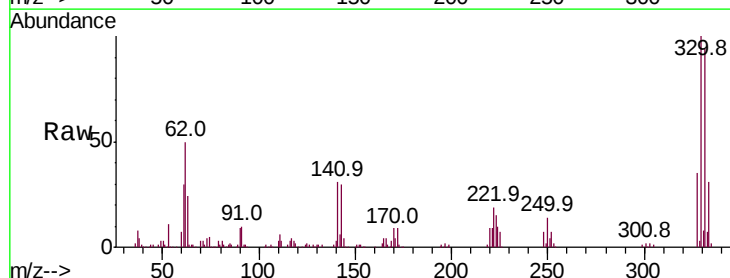


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

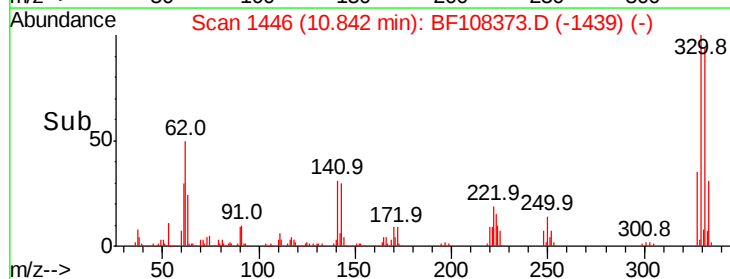
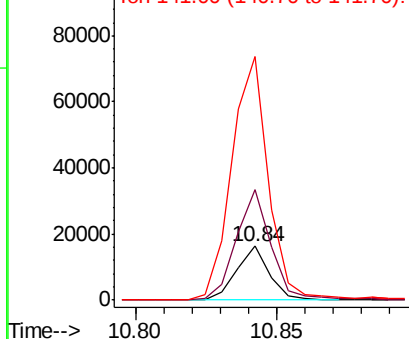


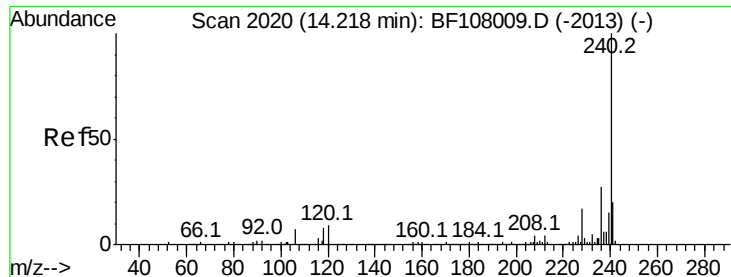
#66
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF108373.D
Acq: 22 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.2	76.9	115.3#
141	450.0	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: 14.20 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

Instrument :

BNA_F

ClientSampleId :

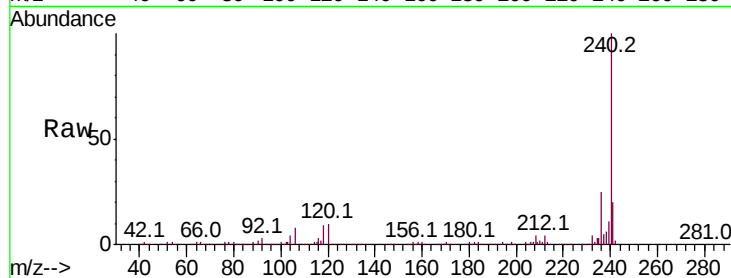
Tot Ion:240 Resp: 321048

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

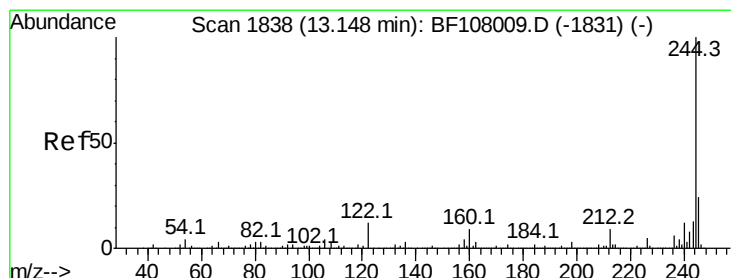
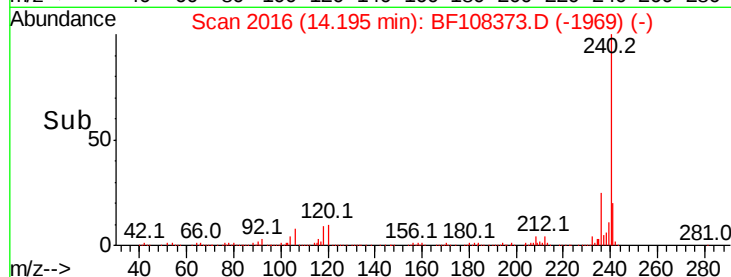
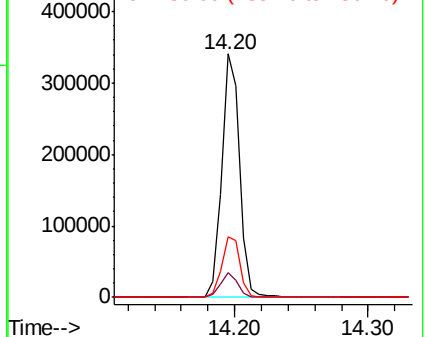
236 25.0 20.7 31.1



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: 67.990 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF108373.D

Acq: 22 Aug 2018 8:02

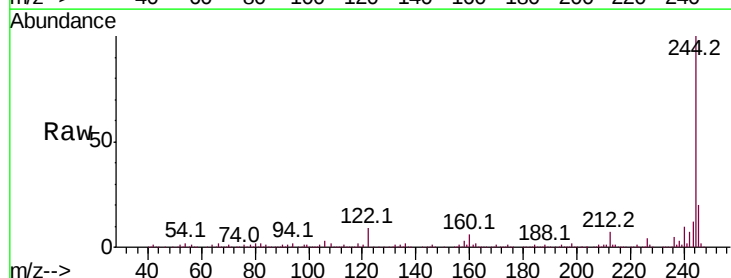
Tgt Ion:244 Resp: 858502

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

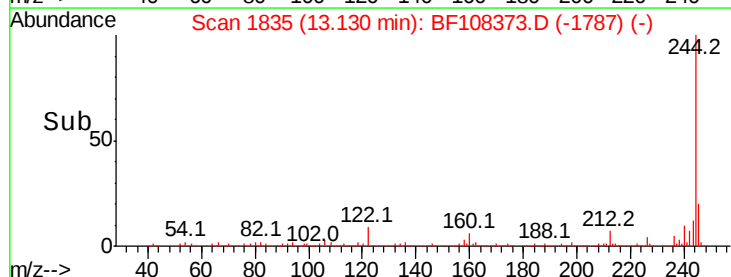
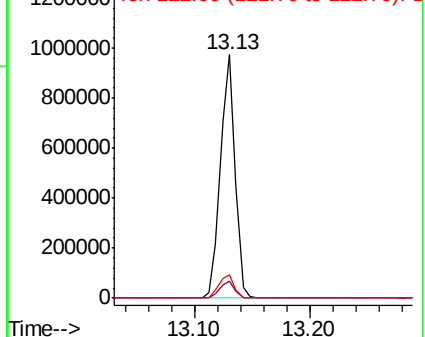
122 9.4 11.0 16.4#

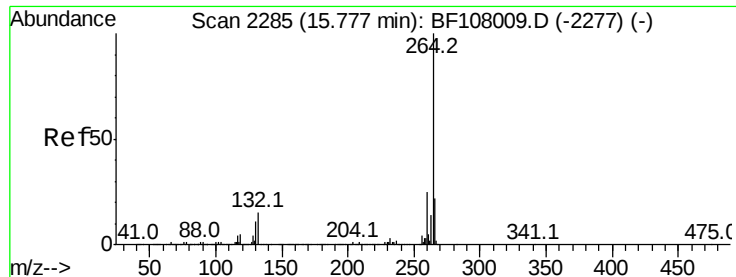


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2281
 Delta R.T. -0.02 min
 Lab File: BF108373.D
 Acq: 22 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

