

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102716.D
 Acq On : 3 Feb 2018 14:54
 Operator : SJ/JU
 Sample : PB106243BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 01:23:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186357	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	785174	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	364443	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	666421	20.00	ng	0.00
75) Chrysene-d12	14.03	240	587726	20.00	ng	0.00
86) Perylene-d12	15.50	264	494802	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1471328	119.90	ng	0.01
7) Phenol-d6	6.50	99	1720915	116.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	1080003	95.42	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	394237	134.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1879611	85.58	ng	0.00
78) Terphenyl-d14	12.99	244	1880137	75.75	ng	0.00

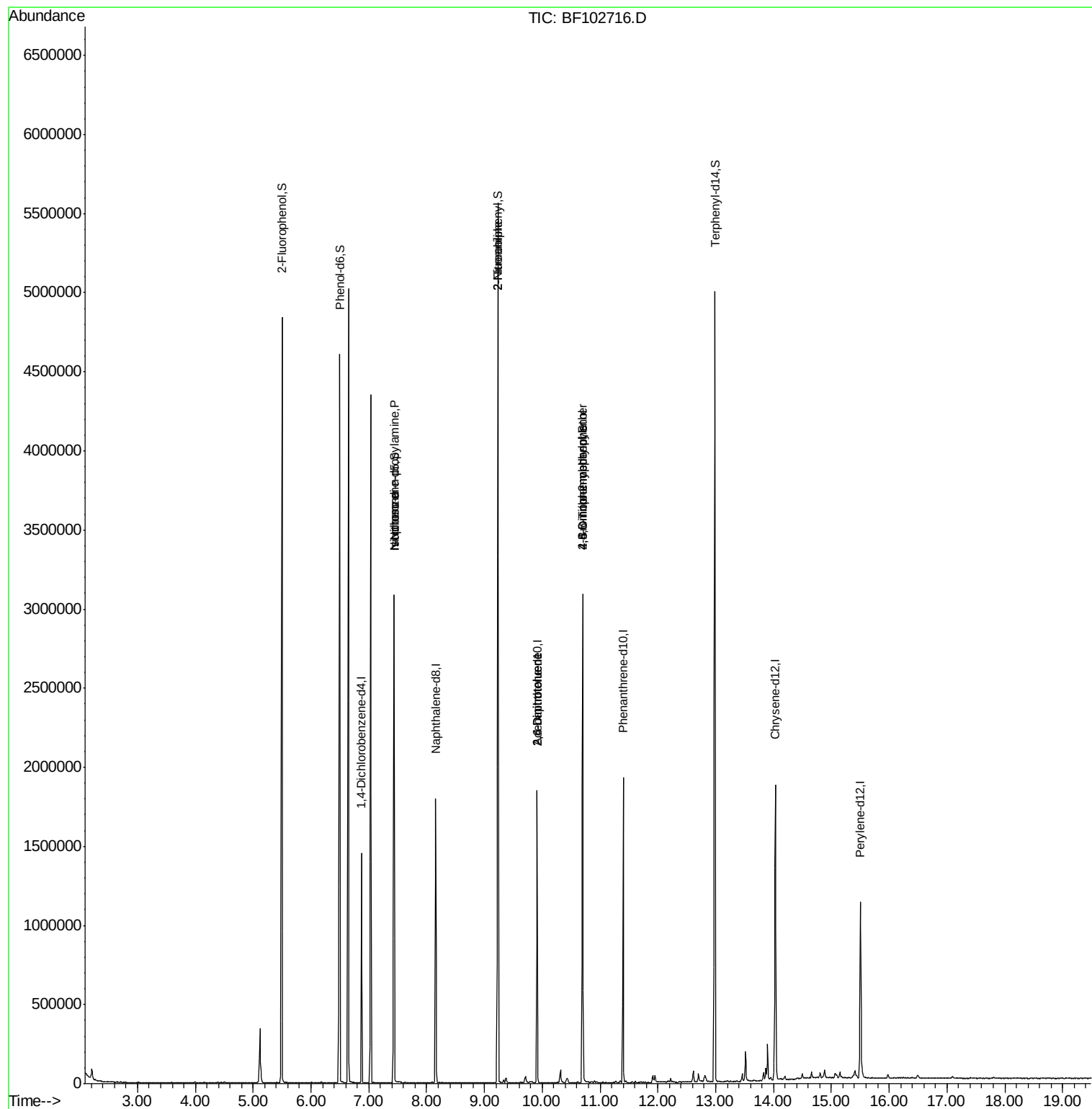
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	147954	15.188	ng	# 83
25) Isophorone	7.44	82	1079987	41.438	ng	# 64
47) 2-Nitroaniline	9.23	65	3341	3.888	ng	# 4
50) 2,6-Dinitrotoluene	9.91	165	47002	8.694	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	47002	9.143	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	909	9.095	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	25683	3.643	ng	# 1

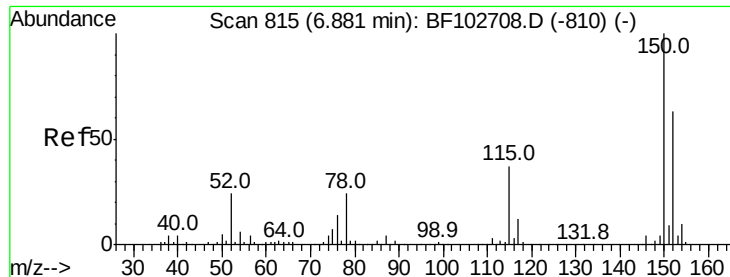
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102716.D
Acq On : 3 Feb 2018 14:54
Operator : SJ/JU
Sample : PB106243BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 01:23:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration



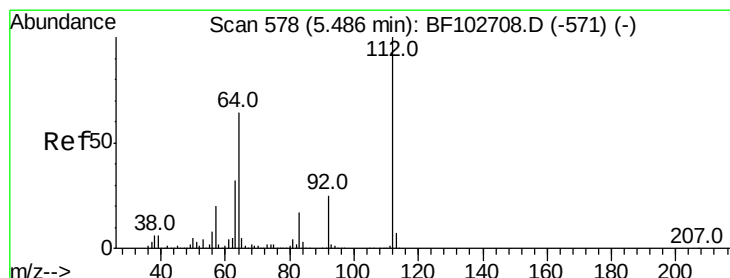
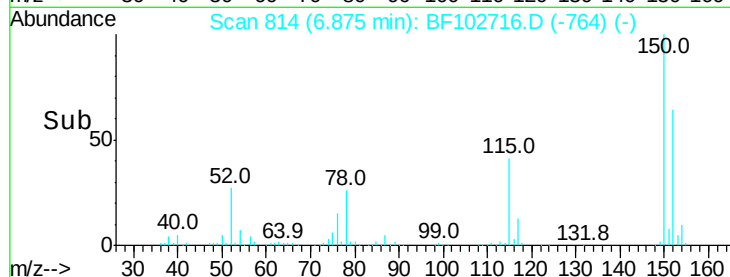
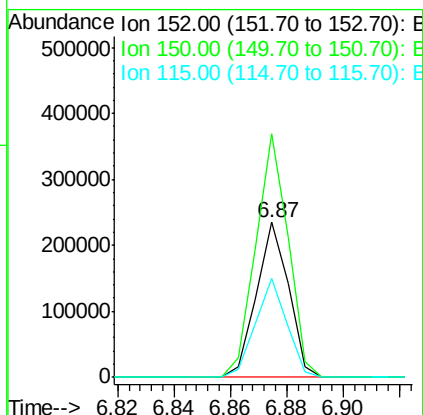
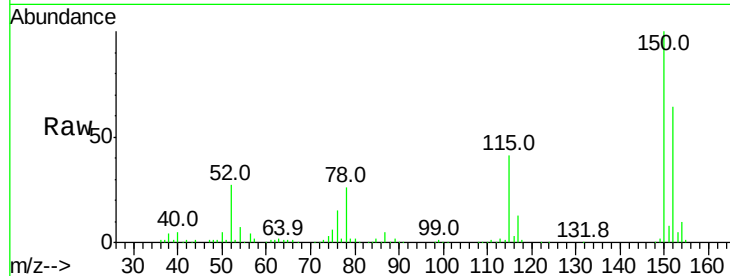


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

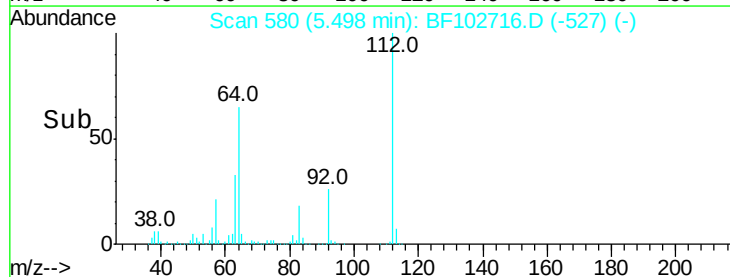
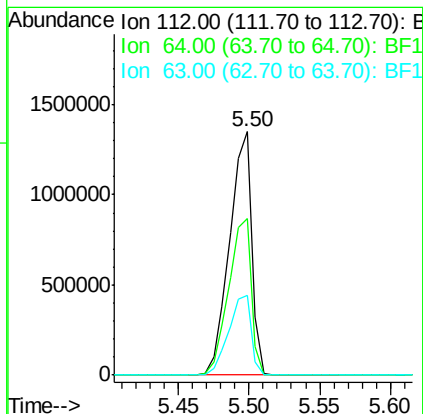
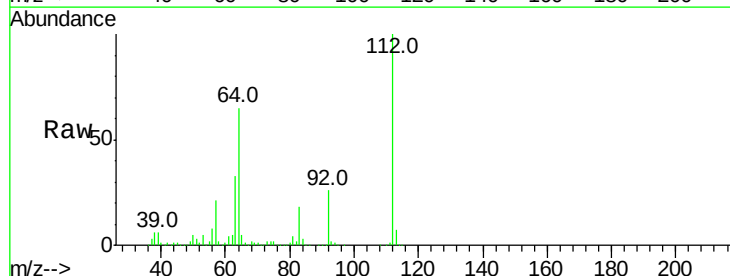
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	64.2	50.1	75.1

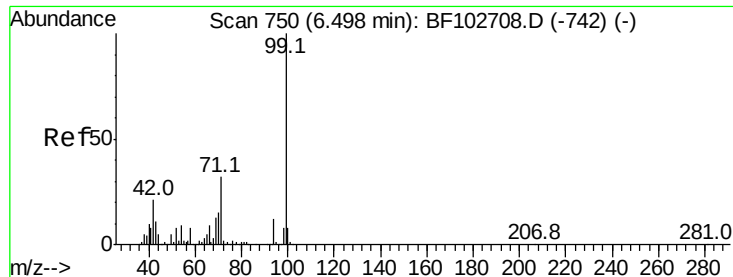


#5

2-Fluorophenol
Concen: 119.902 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 116.473 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

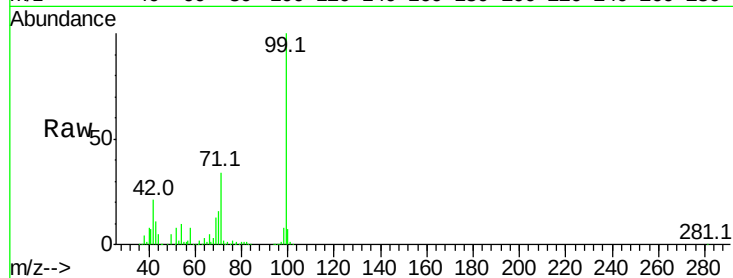
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1720915

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.6	25.4	38.0

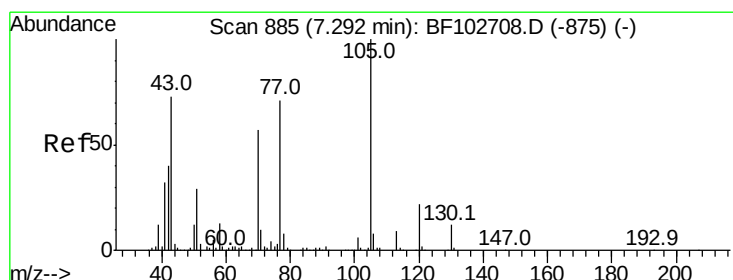
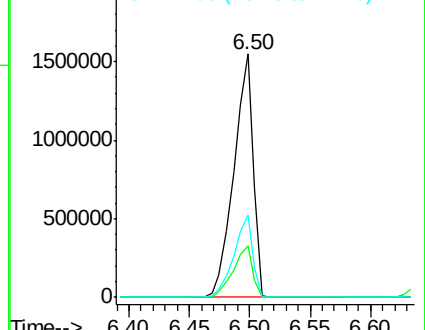
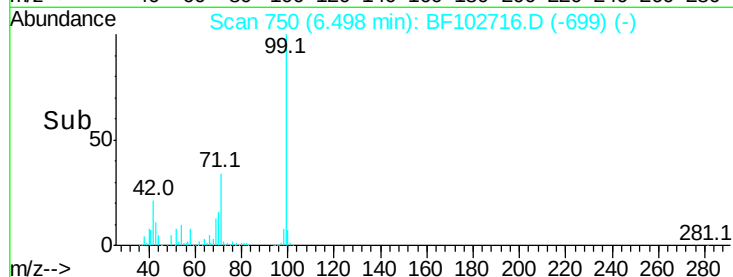


Abundance

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: 15.188 ng

RT: 7.44 min Scan# 910

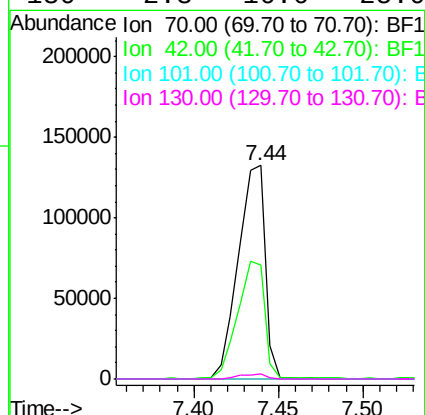
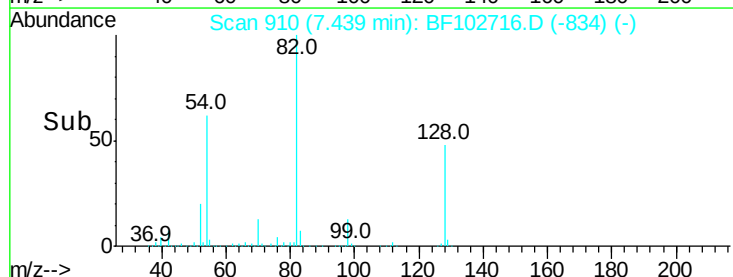
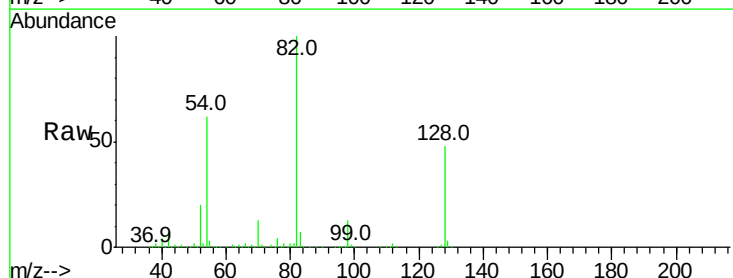
Delta R.T. 0.15 min

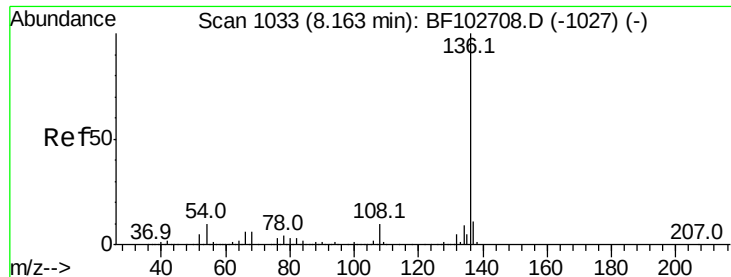
Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Tgt Ion: 70 Resp: 147954

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102716.D

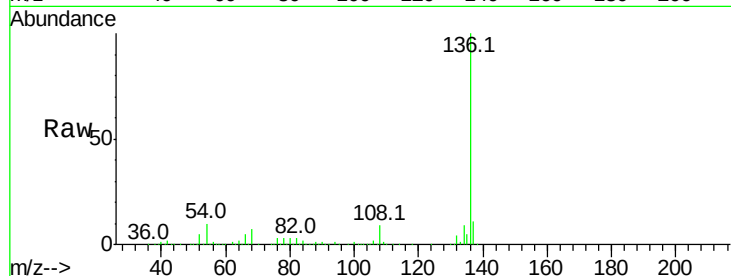
Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	785174
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.8	6.6 9.8#
68	6.5	5.0 7.4

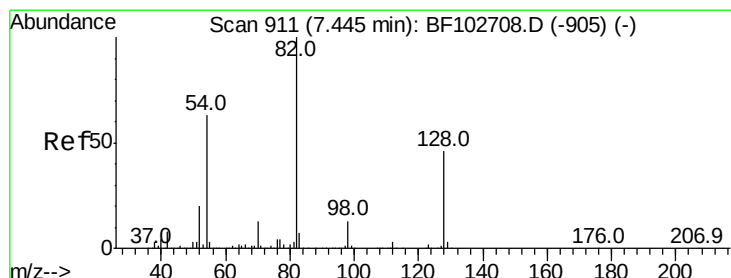
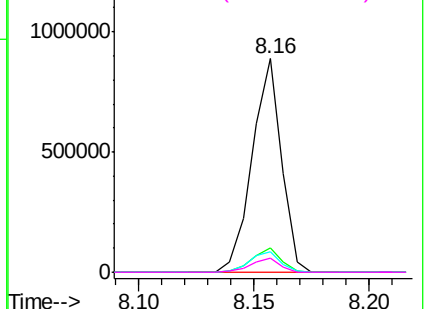
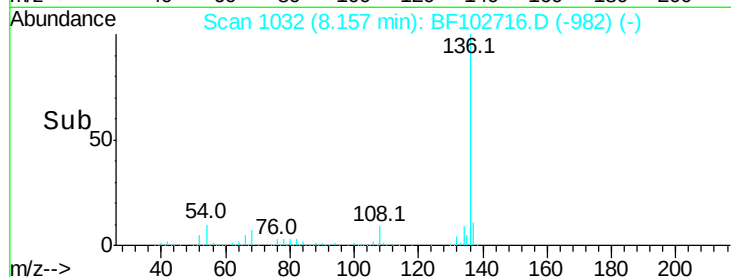


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.419 ng

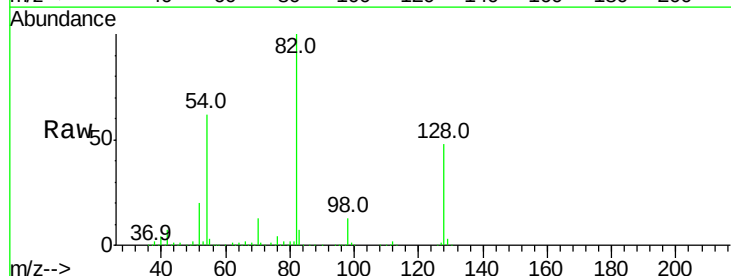
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

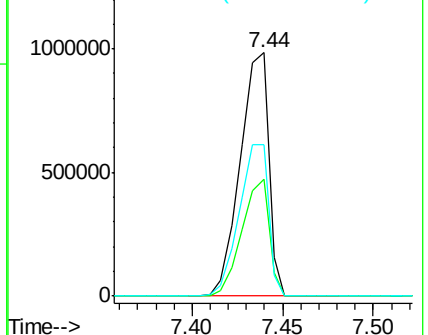
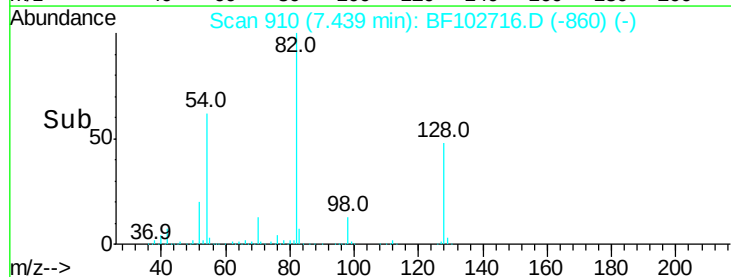
Tgt	Ion: 82	Resp: 1080003	
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	62.1	41.4	62.2

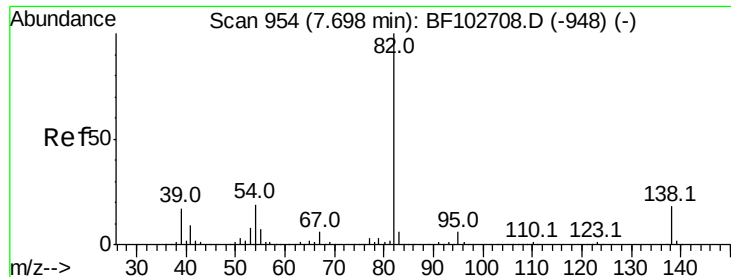


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.438 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

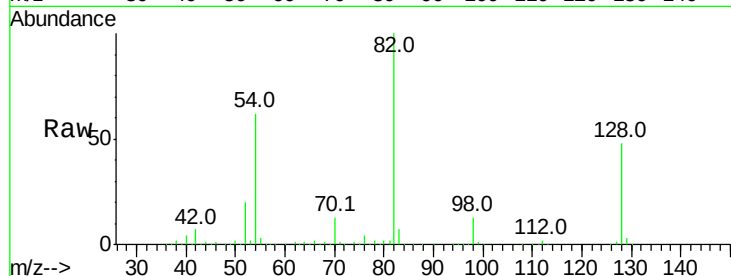
Tot Ion: 82 Resp: 1079987

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

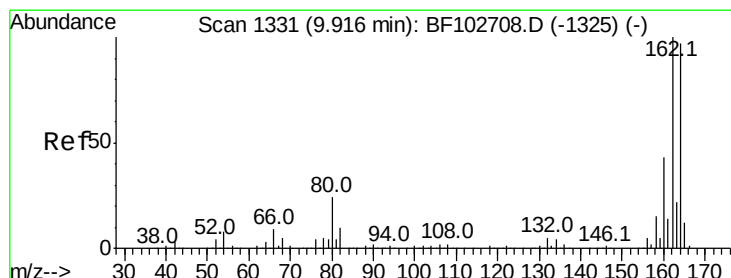
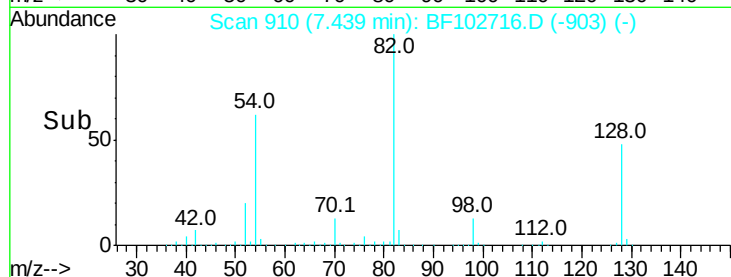
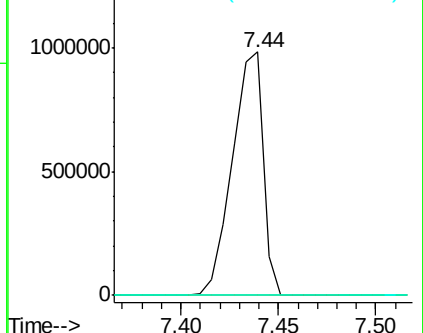
138 0.0 14.9 22.3#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

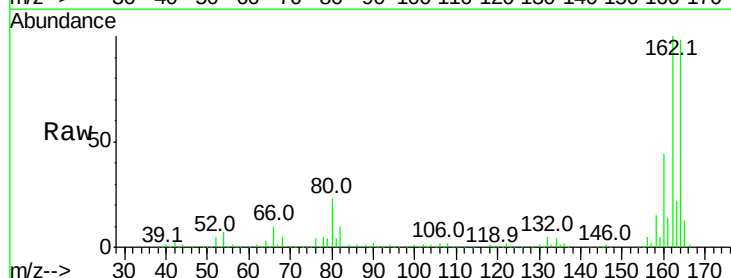
Tgt Ion:164 Resp: 364443

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

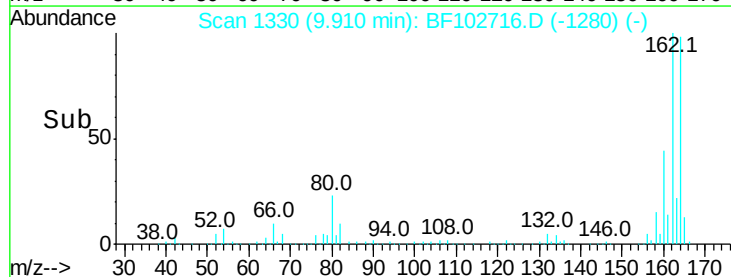
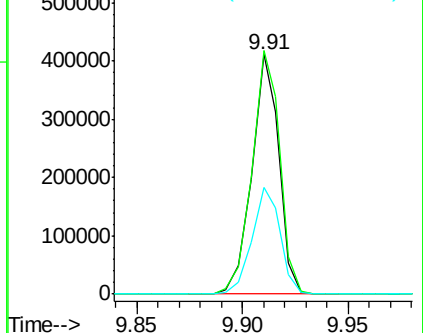
160 44.7 38.3 57.5

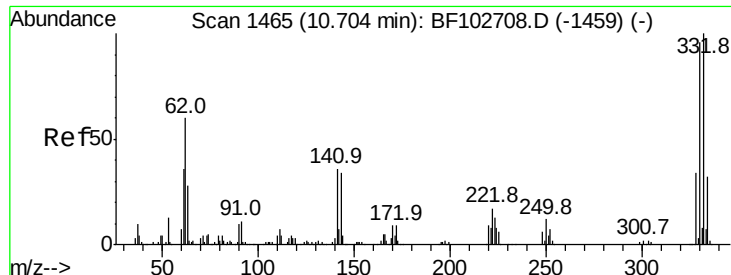


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

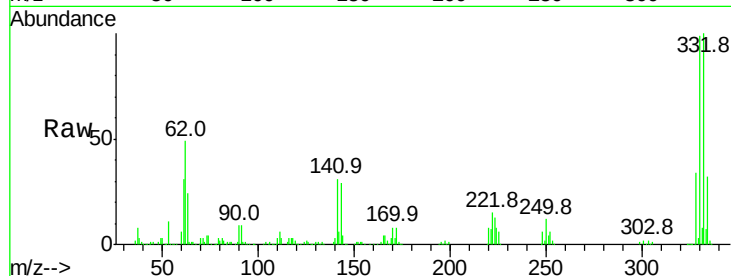




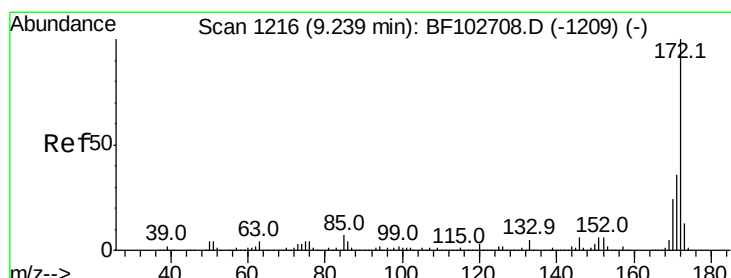
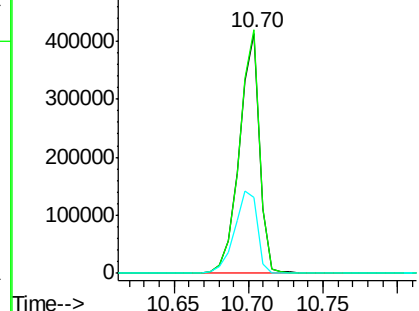
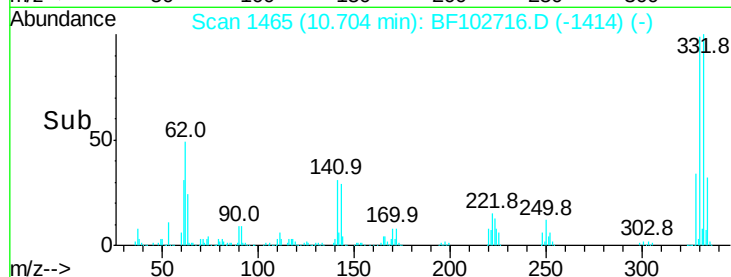
#41
 2,4,6-Tribromophenol
 Concen: 134.399 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	38.9	29.9	44.9

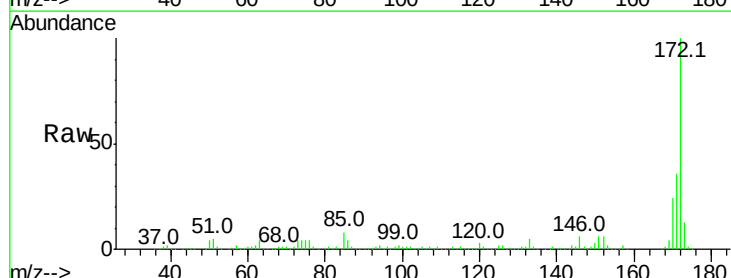


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

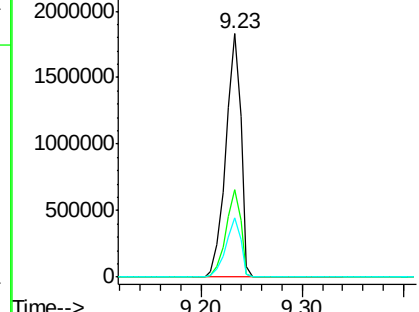
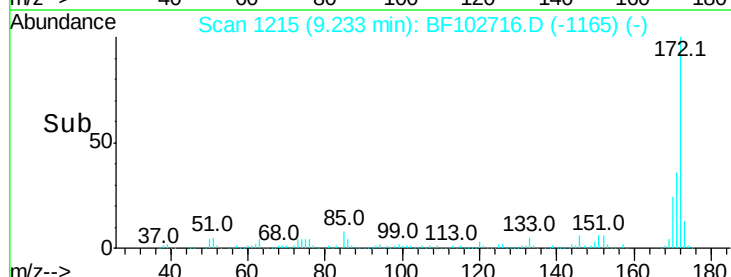


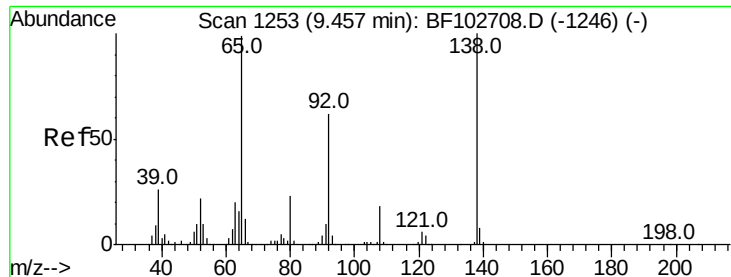
#44
 2-Fluorobiphenyl
 Concen: 85.581 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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





#47

2-Nitroaniline

Concen: 3.888 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.22 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

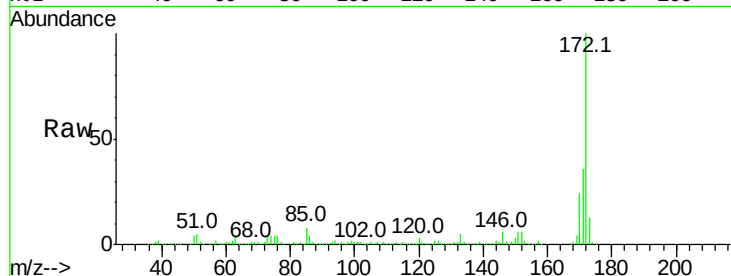
Tot Ion: 65 Resp: 3341

Ion Ratio Lower Upper

65 100

92 178.3 55.8 83.6#

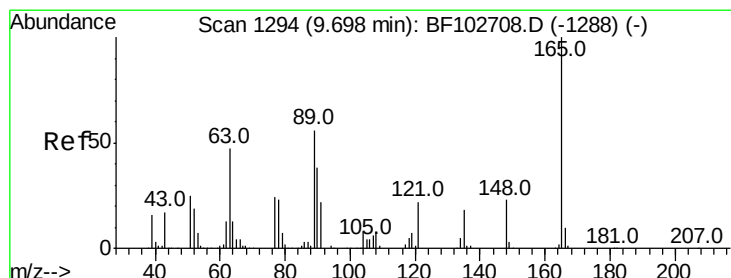
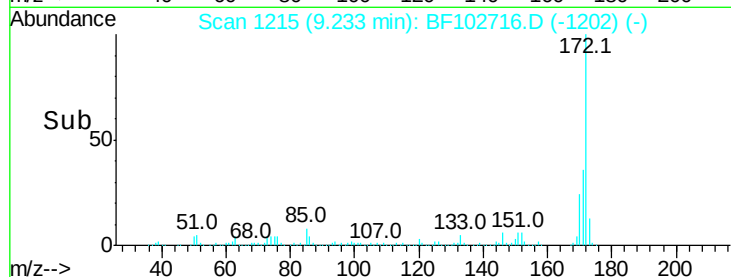
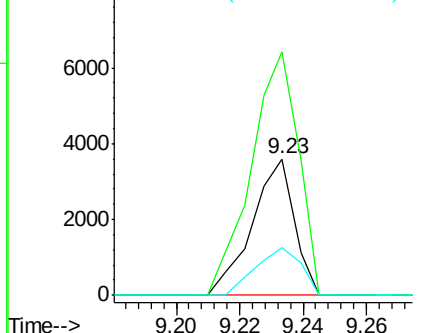
138 35.1 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.694 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

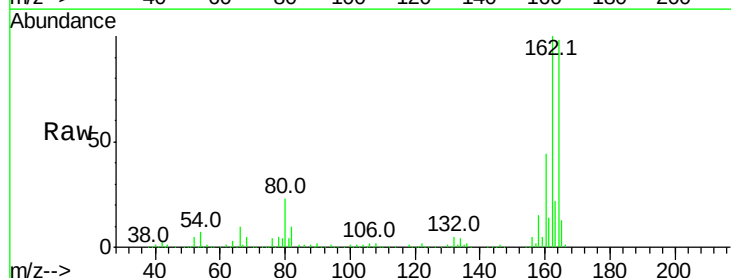
Tgt Ion:165 Resp: 47002

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

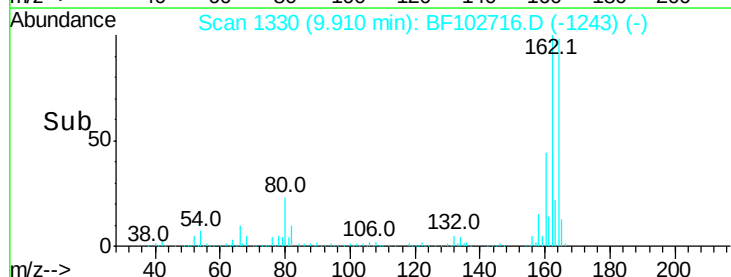
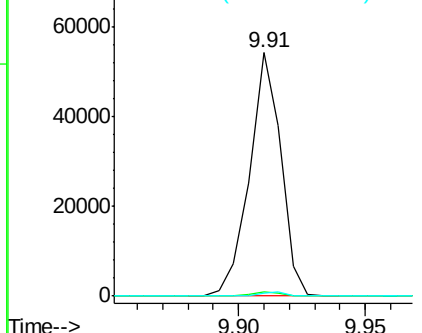
89 1.2 44.0 66.0#

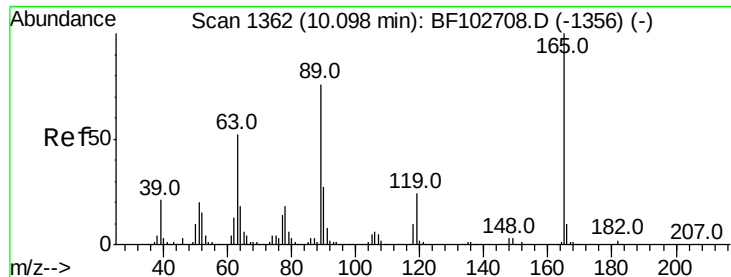


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

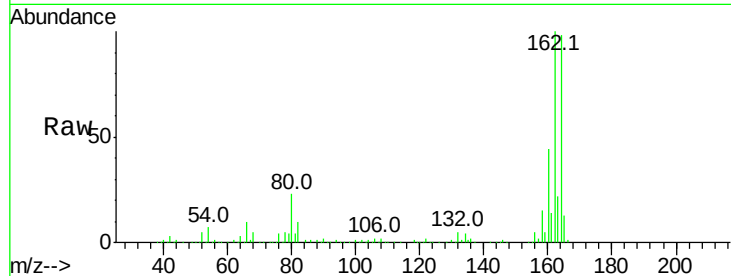




#56
 2,4-Dinitrotoluene
 Concen: 9.143 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

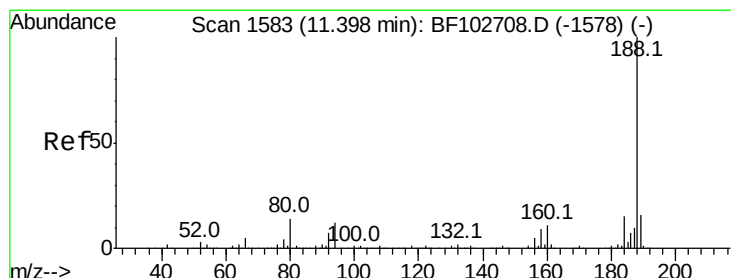
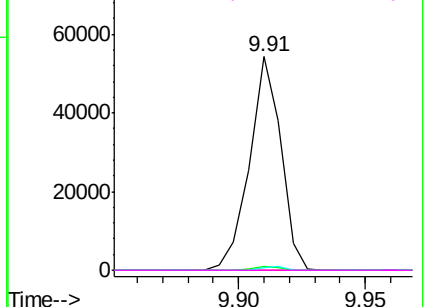
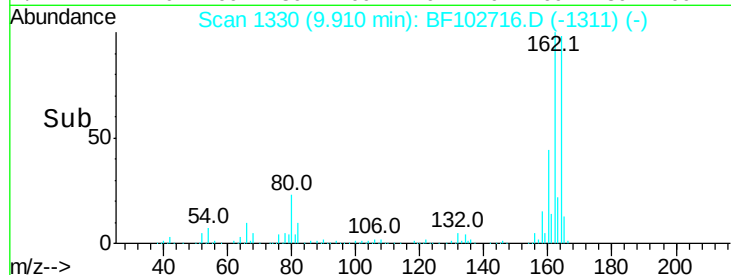


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

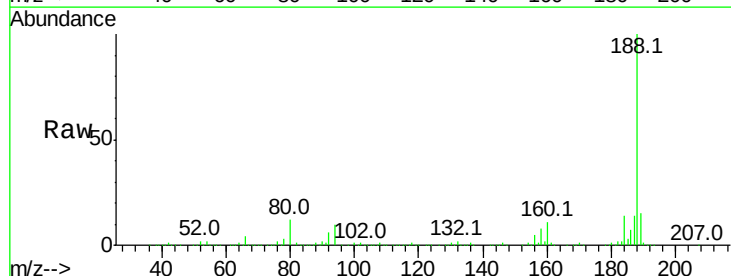
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102716.D
 Acq: 3 Feb 2018 14:54

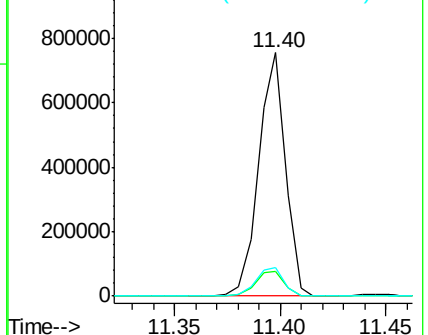
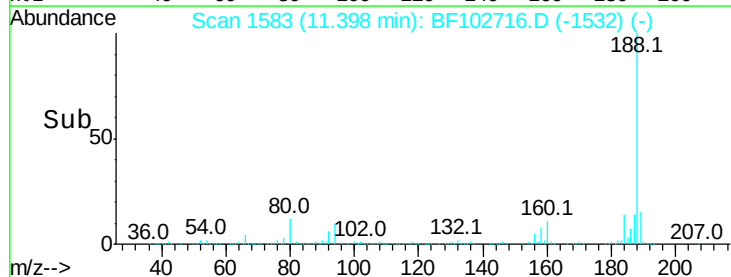
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.6	9.2	13.8

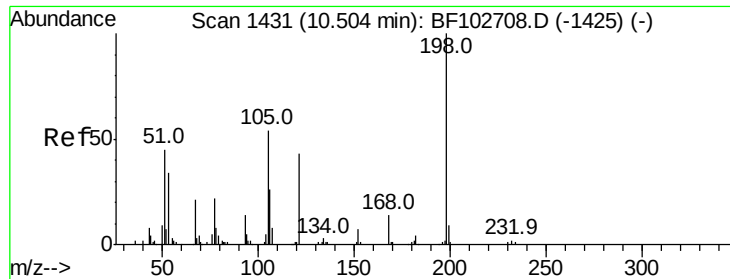


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

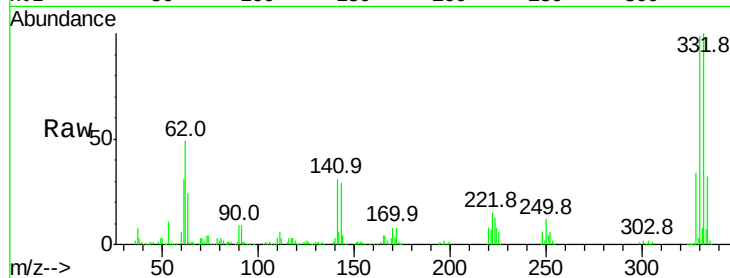




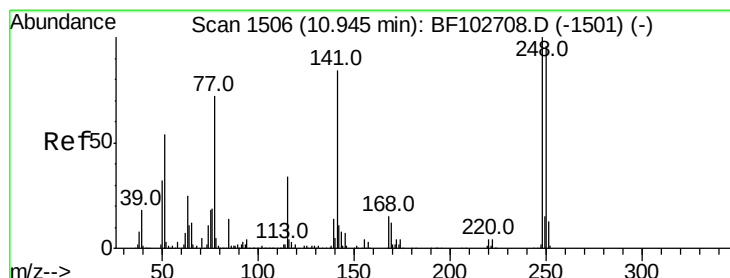
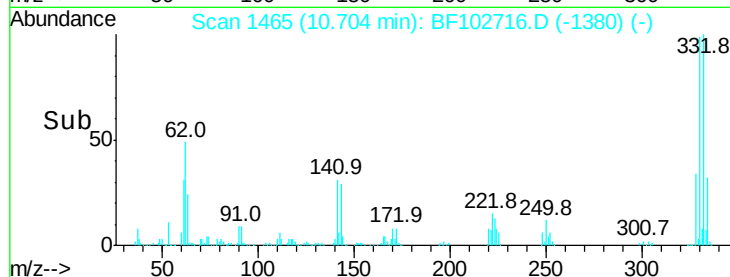
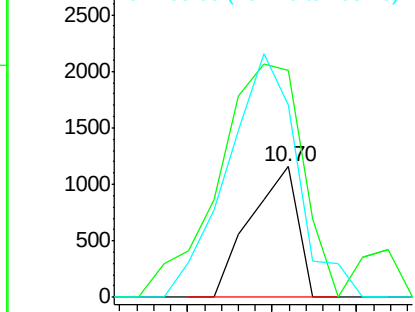
#64
4,6-Dinitro-2-methylphenol
Concen: 9.095 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 909
Ion Ratio Lower Upper
198 100
51 173.6 37.7 77.7#
105 147.8 36.3 76.3#

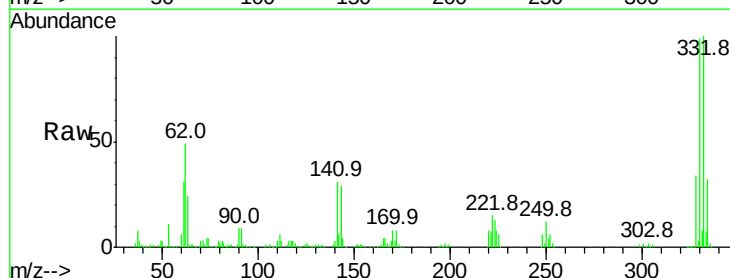


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

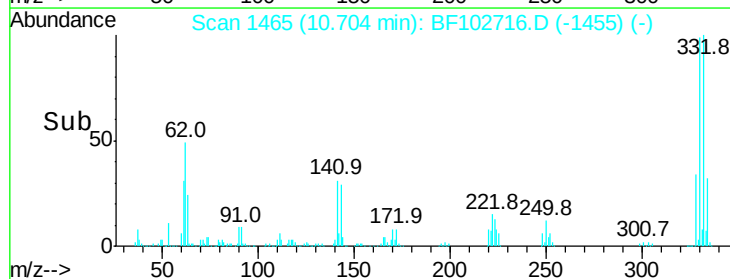
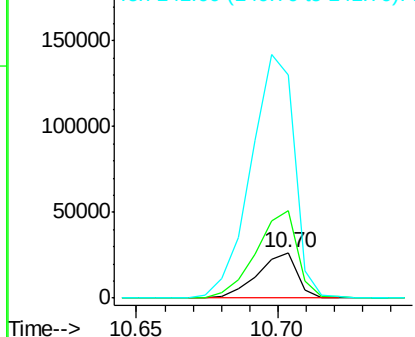


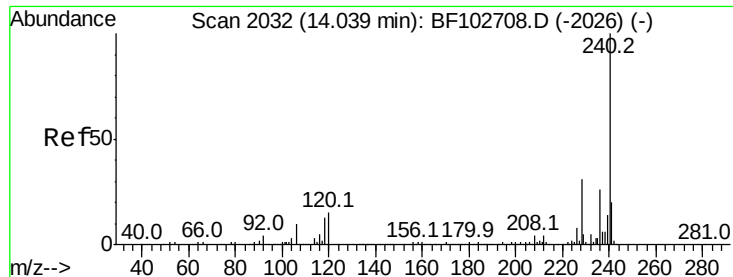
#66
4-Bromophenyl-phenylether
Concen: 3.643 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Tgt Ion:248 Resp: 25683
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 494.1 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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

Instrument :

BNA_F

ClientSampleId :

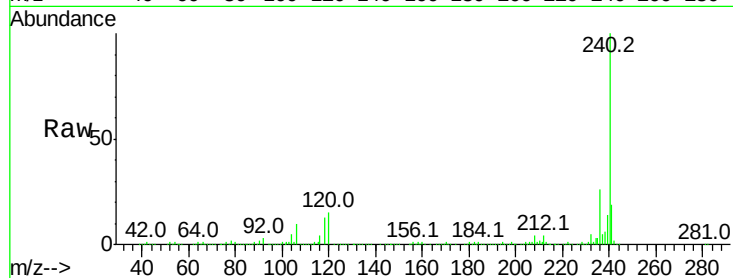
Tot Ion:240 Resp: 587726

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

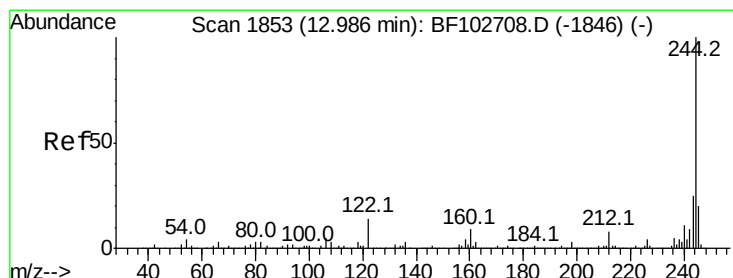
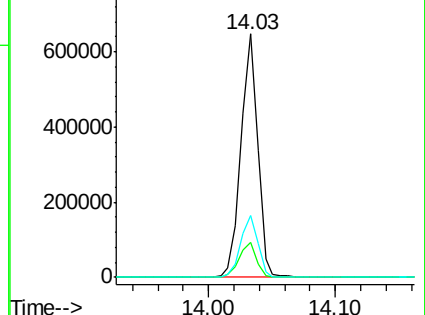
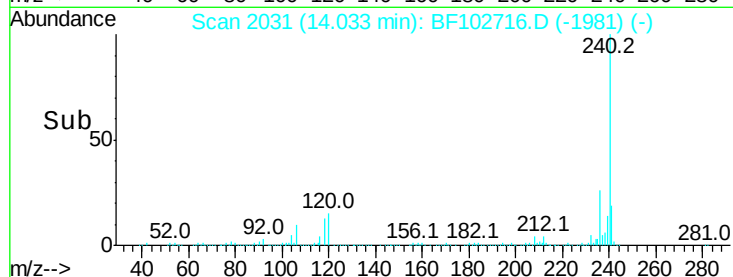
236 25.7 20.7 31.1



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: 75.745 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102716.D

Acq: 3 Feb 2018 14:54

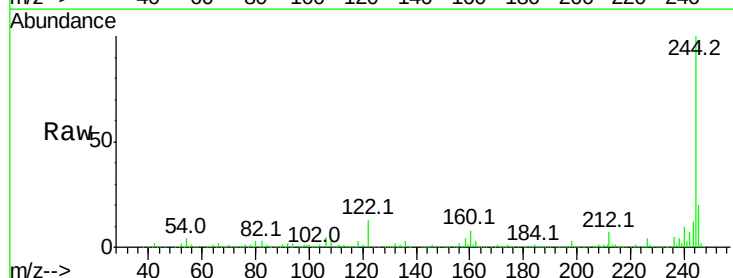
Tgt Ion:244 Resp: 1880137

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

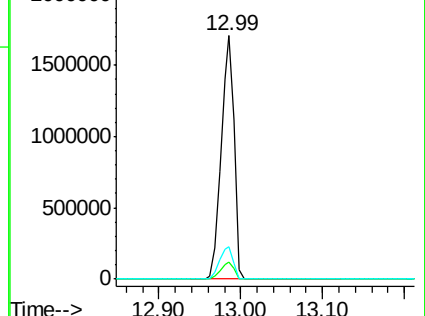
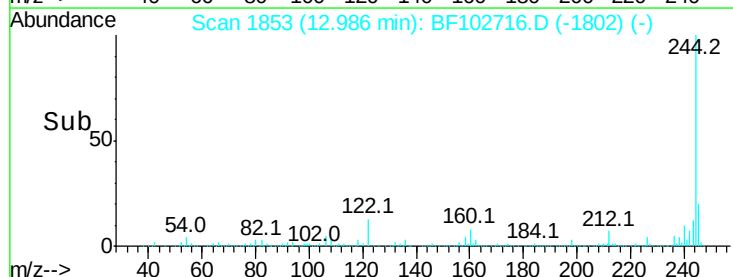
122 13.5 11.0 16.4

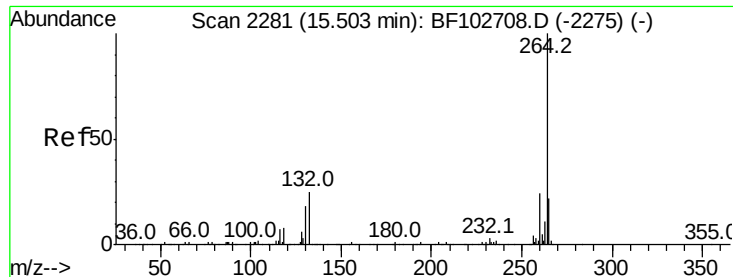


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

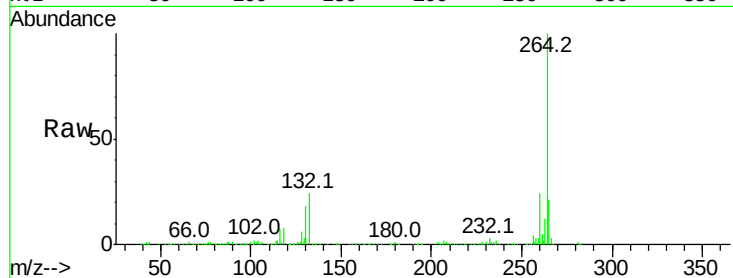




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF102716.D
Acq: 3 Feb 2018 14:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	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

