

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102955.D
 Acq On : 13 Feb 2018 12:21
 Operator : SJ/JU
 Sample : J1518-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:04:17 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	169596	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	727802	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	345005	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	616995	20.00	ng	0.00
75) Chrysene-d12	14.03	240	465190	20.00	ng	0.00
86) Perylene-d12	15.51	264	373631	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	630654	56.47	ng	0.00
7) Phenol-d6	6.49	99	480560	35.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	1066018	101.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	369894	133.20	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1671010	80.37	ng	0.00
78) Terphenyl-d14	12.99	244	1583078	80.58	ng	0.00

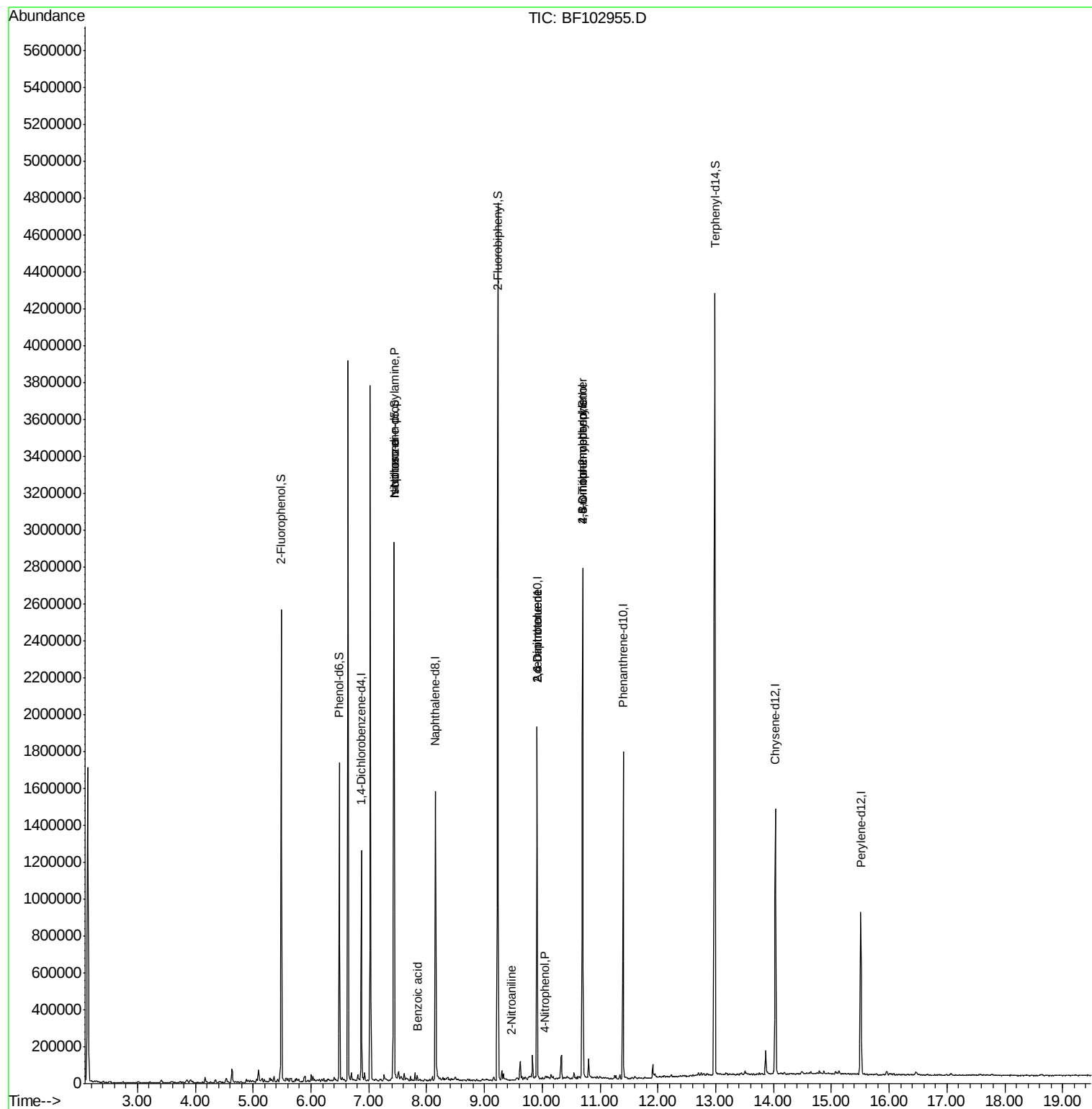
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	144842	16.34	ng	# 82
25) Isophorone	7.44	82	1066006	44.13	ng	# 64
32) Benzoic acid	7.85	122	230	8.57	ng	# 11
47) 2-Nitroaniline	9.47	65	267	3.51	ng	# 2
50) 2,6-Dinitrotoluene	9.91	165	43335	8.47	ng	# 26
55) 4-Nitrophenol	10.03	139	108	4.04	ng	# 1
56) 2,4-Dinitrotoluene	9.91	165	43335	8.98	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	832	9.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	24236	3.71	ng	# 1

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

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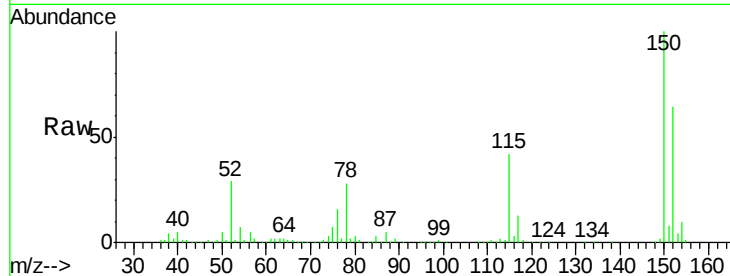


#1

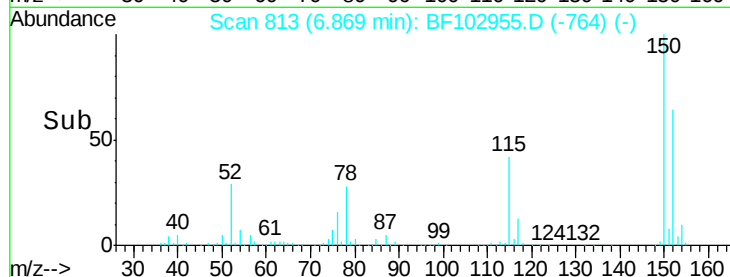
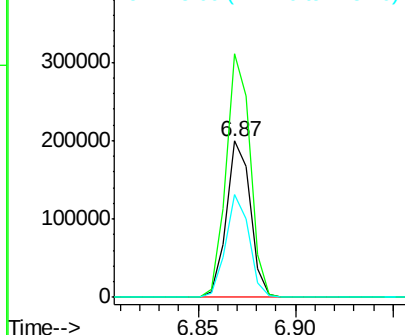
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 169596
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 65.4 50.1 75.1



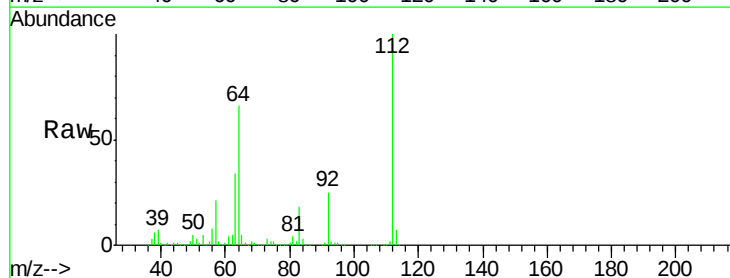
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



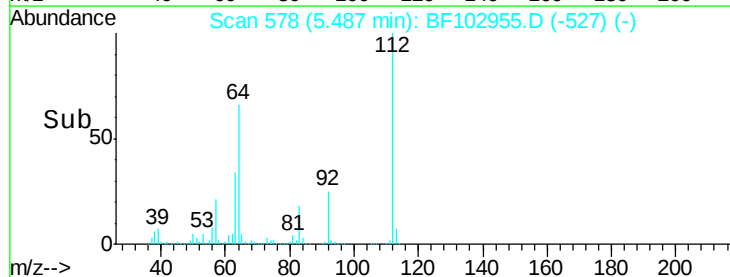
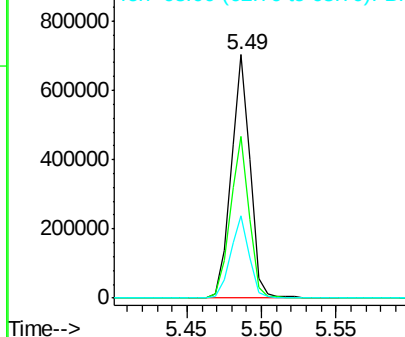
#5

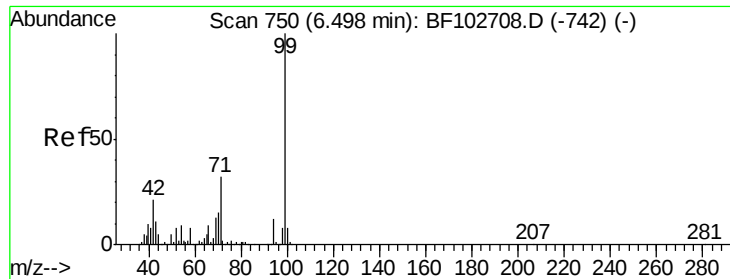
2-Fluorophenol
Concen: 56.47 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Tgt Ion:112 Resp: 630654
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 34.0 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: 35.74 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

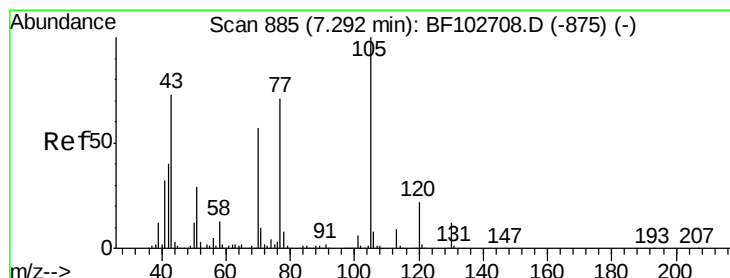
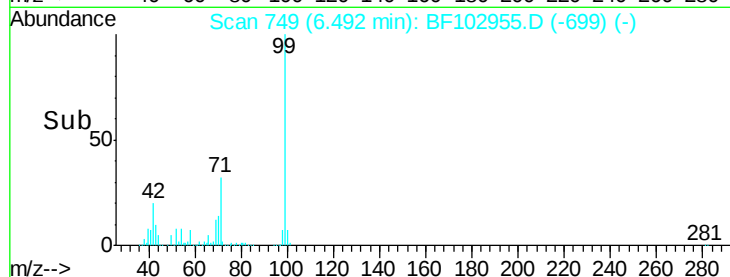
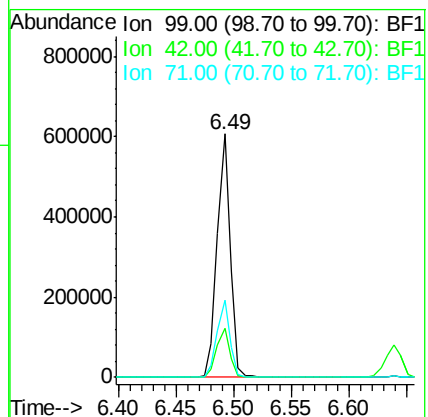
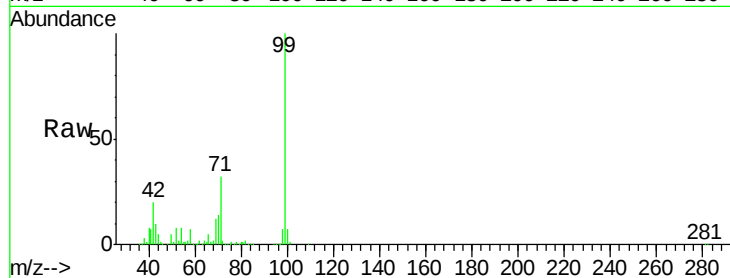
Tot Ion: 99 Resp: 480560

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Tgt Ion: 70 Resp: 144842

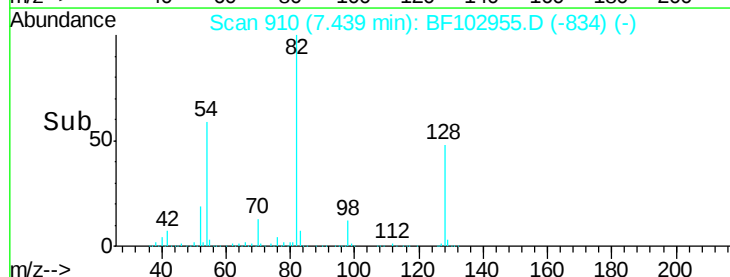
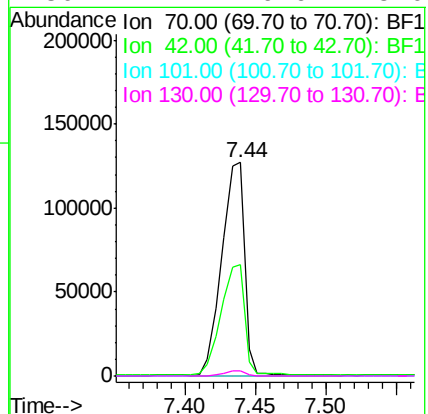
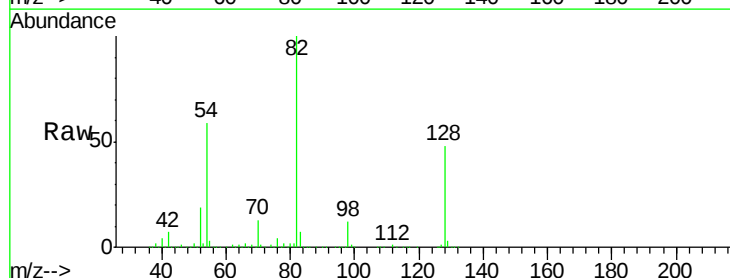
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

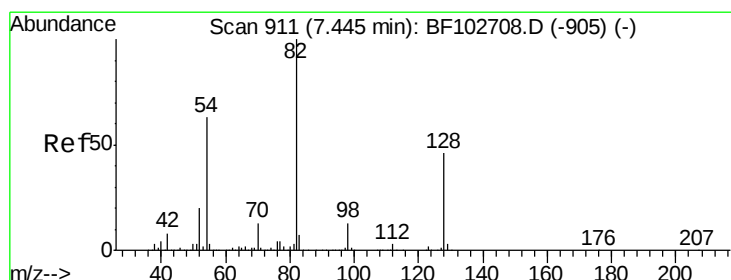
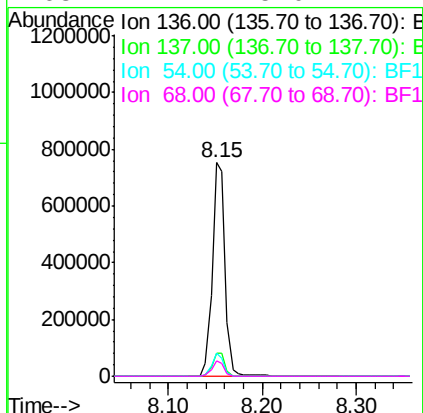
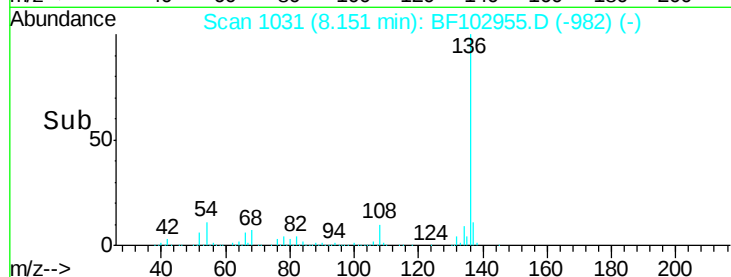
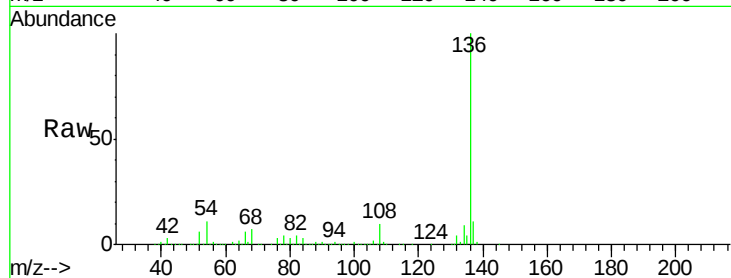




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

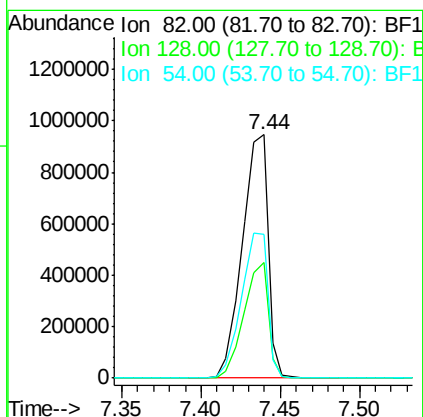
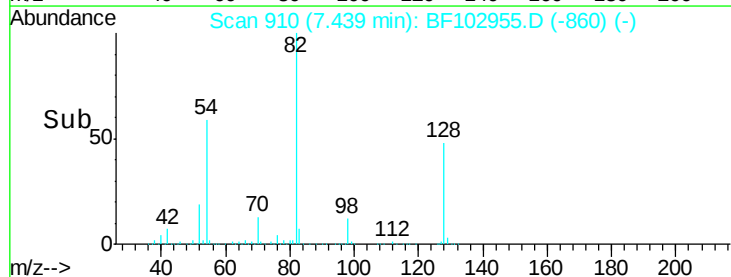
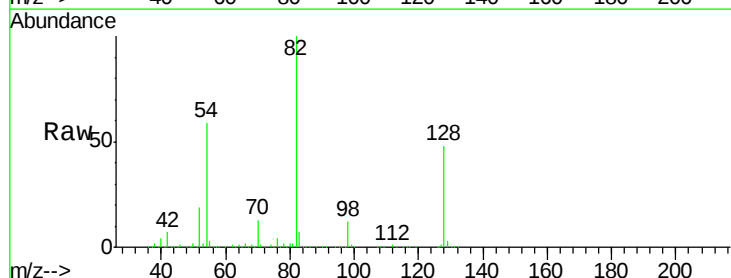
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	727802
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.7	6.6 9.8#
68	7.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 101.61 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Tgt Ion: 82	Resp:	1066018
Ion Ratio	Lower	Upper
82	100	
128	47.5	36.1 54.1
54	59.0	41.4 62.2





#25

Isophorone

Concen: 44.13 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleID :

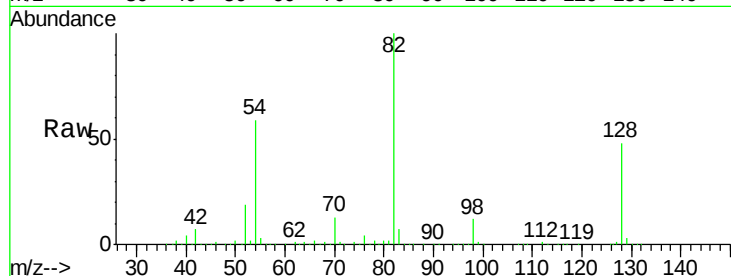
Tot Ion: 82 Resp: 1066006

Ion Ratio Lower Upper

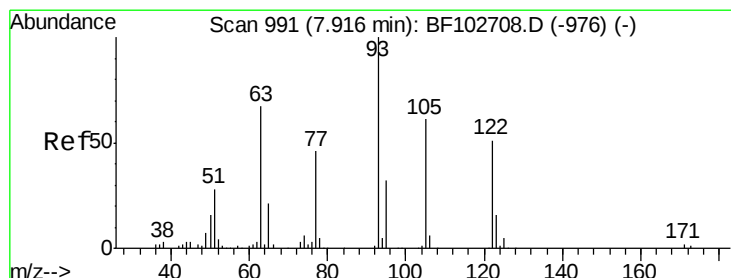
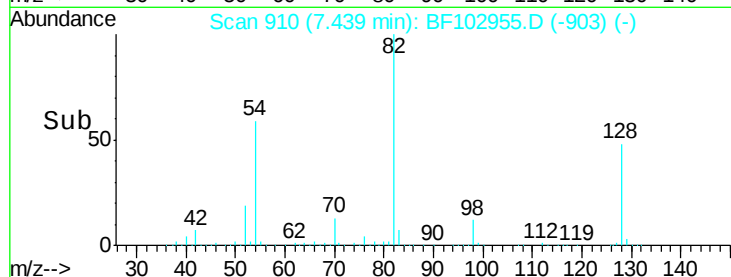
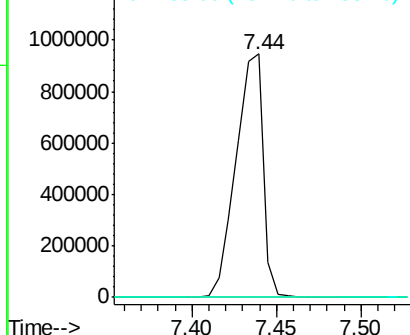
82 100

95 0.1 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



#32

Benzoic acid

Concen: 8.57 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.07 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

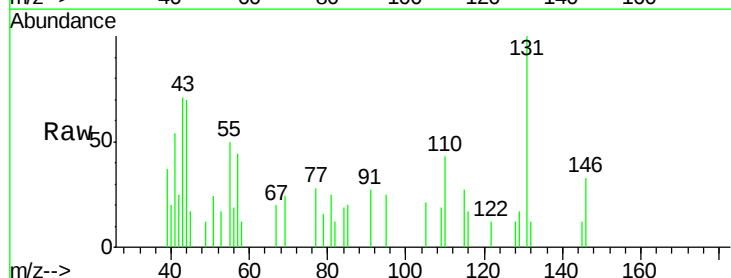
Tgt Ion: 122 Resp: 230

Ion Ratio Lower Upper

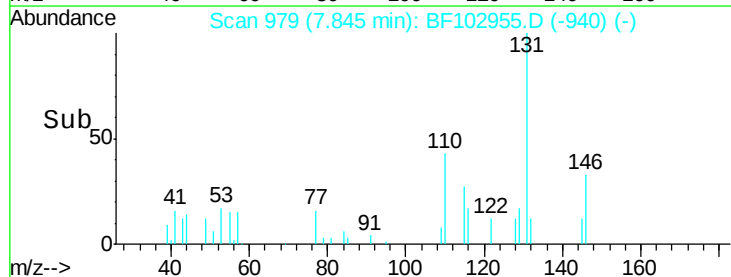
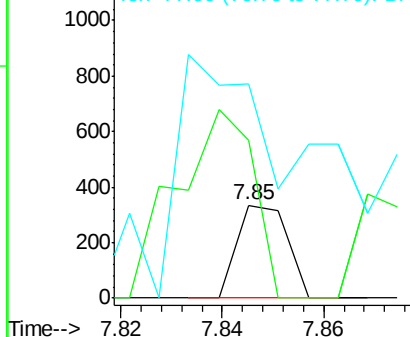
122 100

105 170.4 101.1 141.1#

77 231.7 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

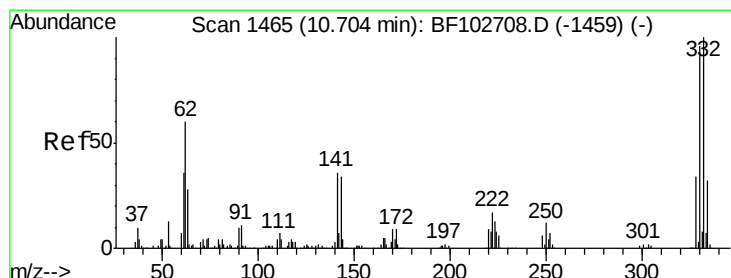
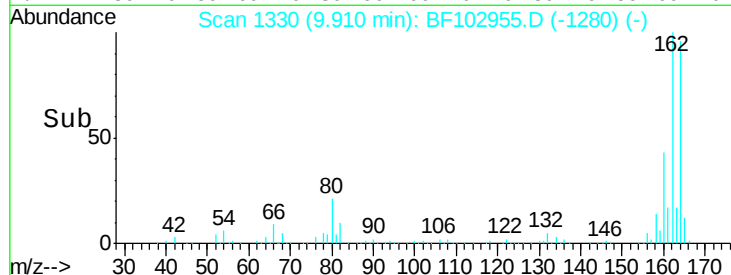
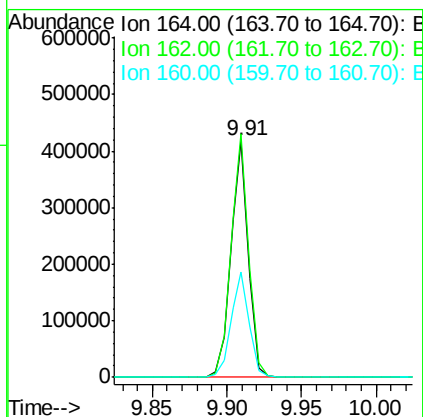
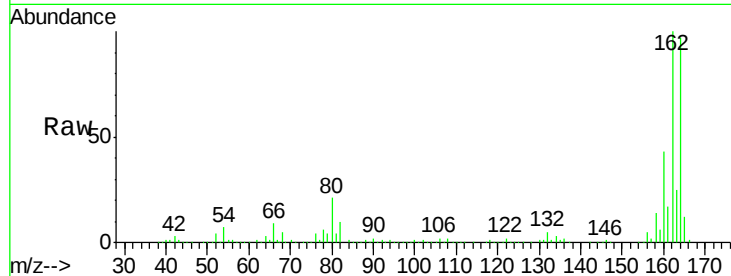




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

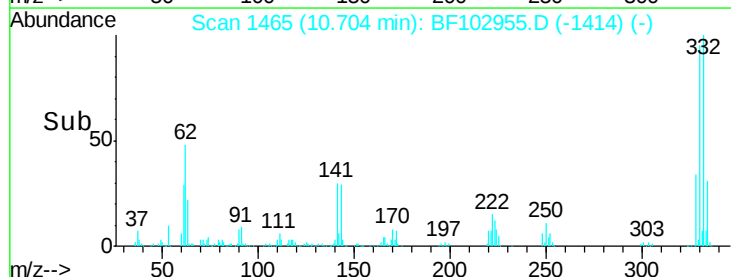
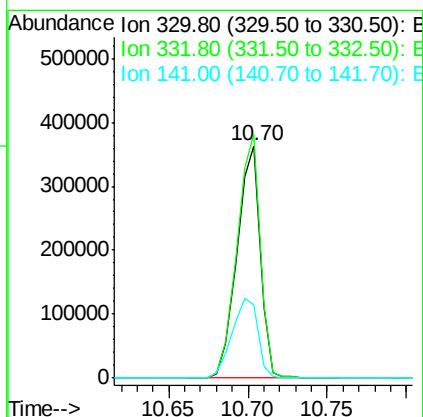
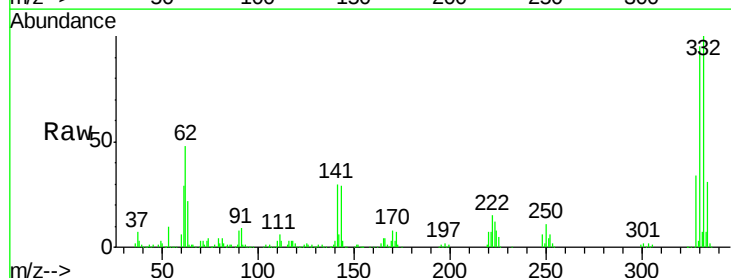
Instrument :
 BNA_F
 ClientSampleId :

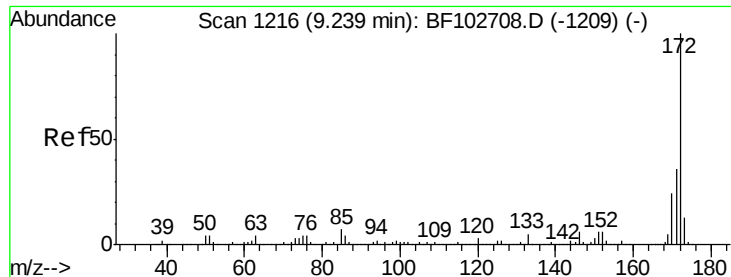
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 133.20 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.0	77.0	115.6
141	38.3	29.9	44.9

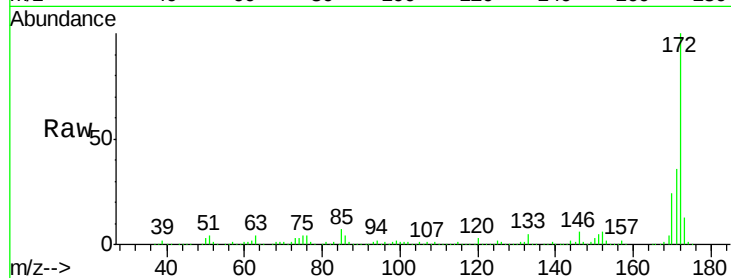




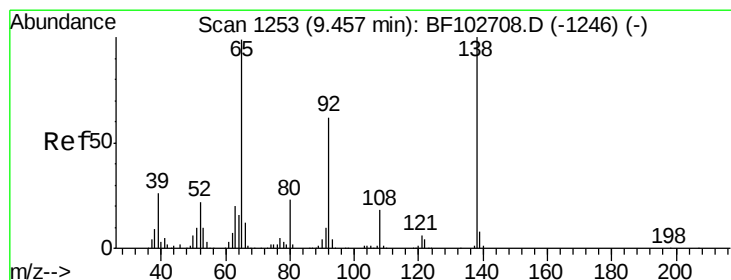
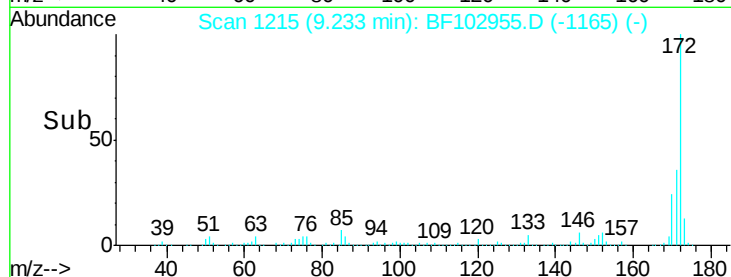
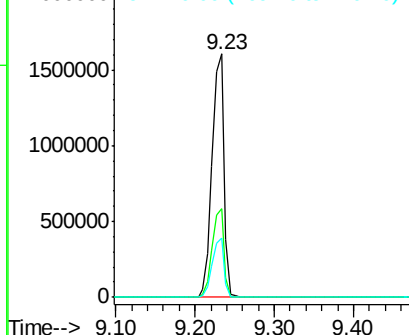
#44
 2-Fluorobiphenyl
 Concen: 80.37 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1671010
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.4 19.6 29.4

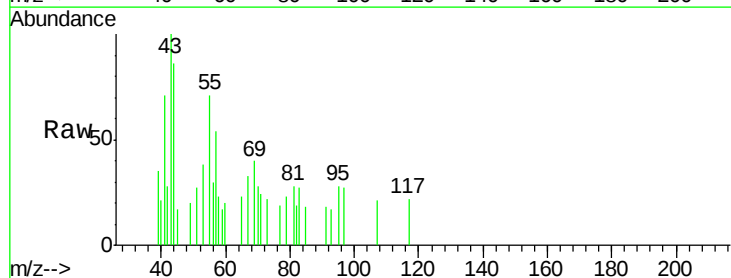


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

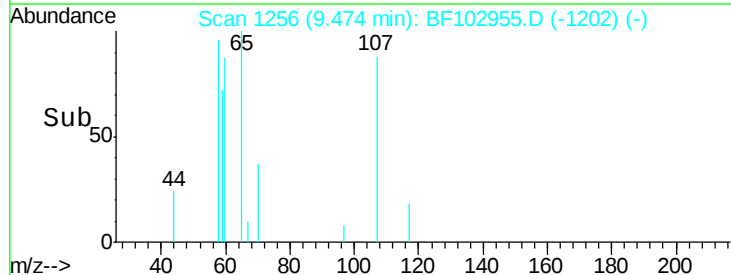
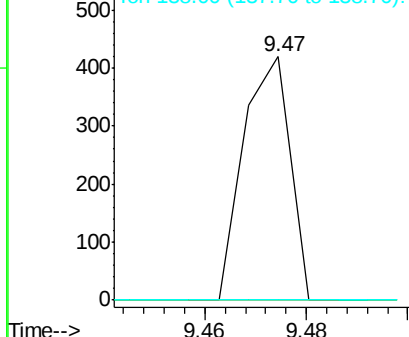


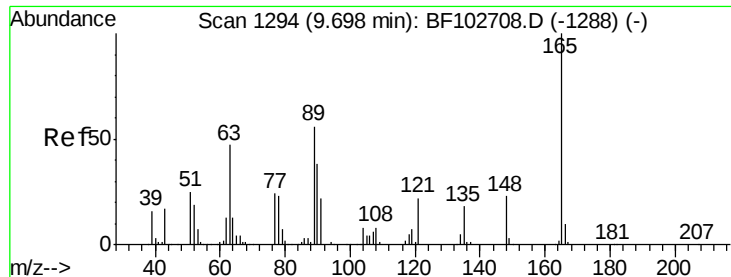
#47
 2-Nitroaniline
 Concen: 3.51 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion: 65 Resp: 267
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 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): E

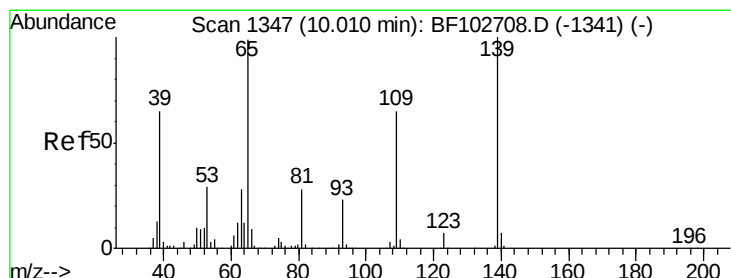
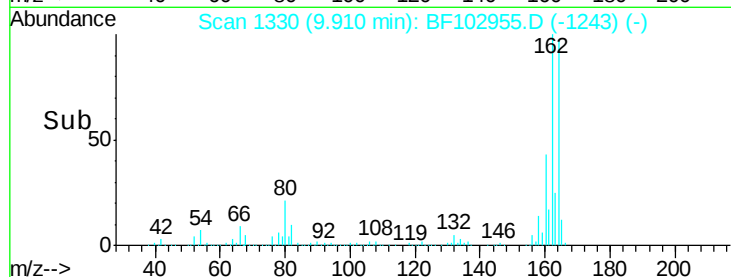
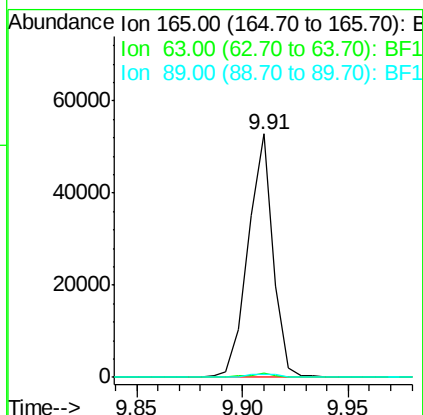
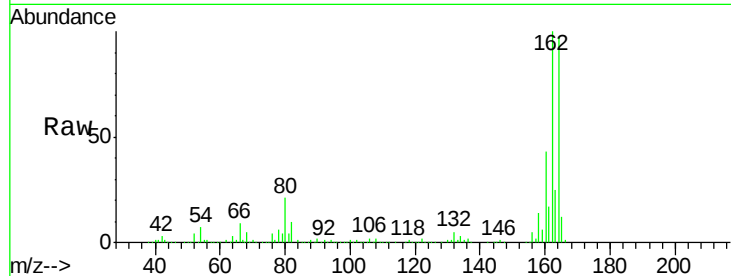




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

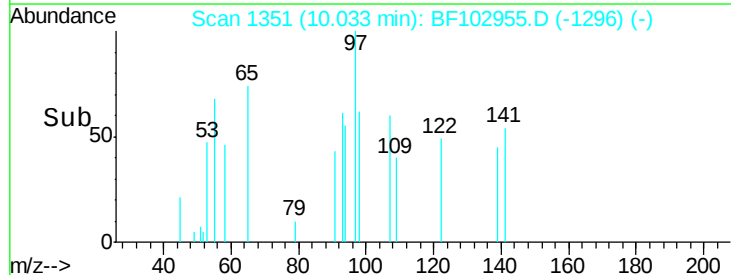
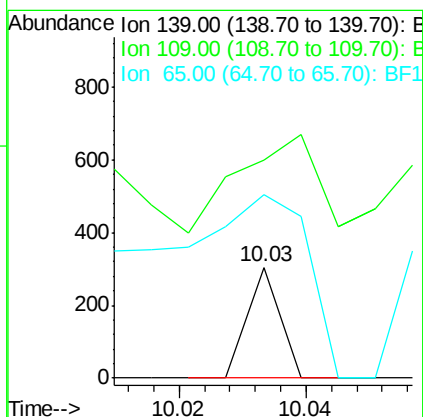
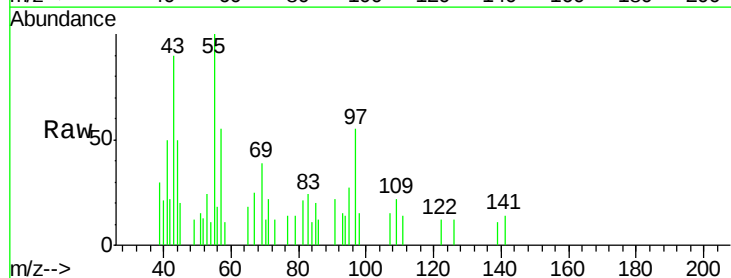
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.4	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.04 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.02 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	196.1	48.4	88.4#
65	165.2	72.6	112.6#

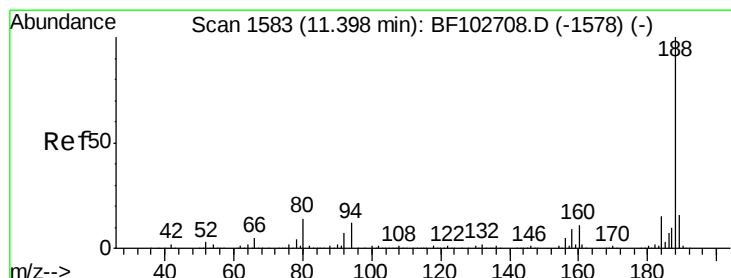
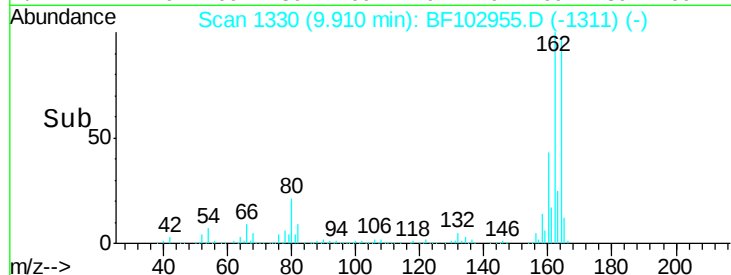
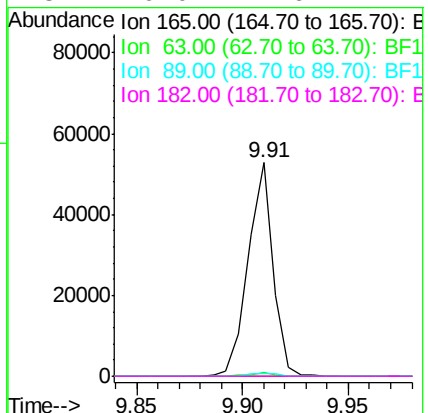
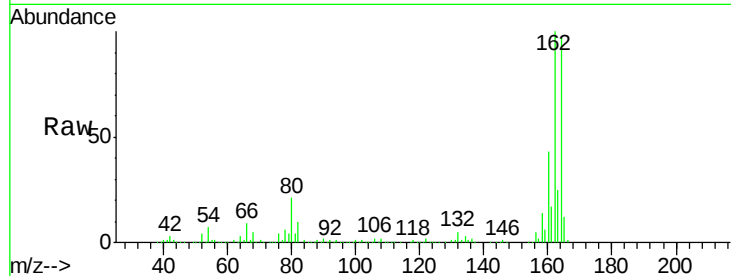




#56
 2,4-Dinitrotoluene
 Concen: 8.98 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

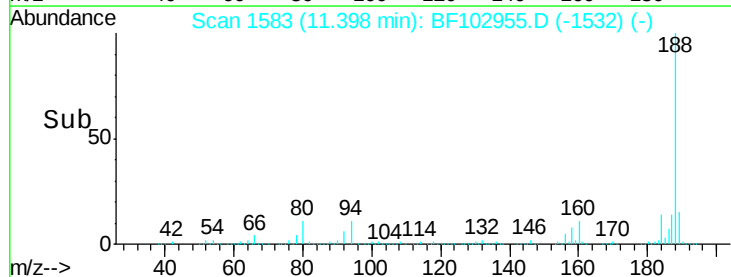
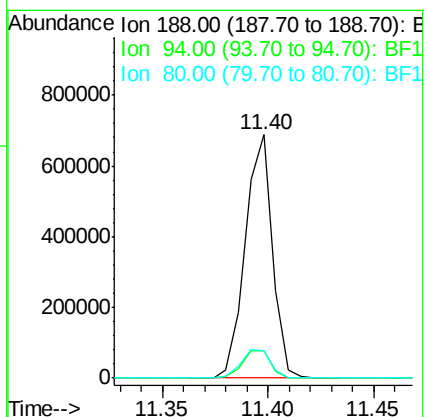
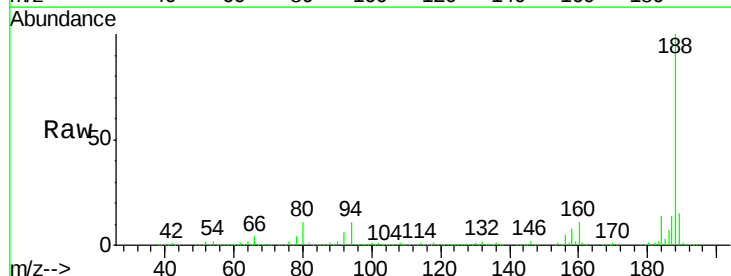
Instrument :
 BNA_F
 ClientSampleId :

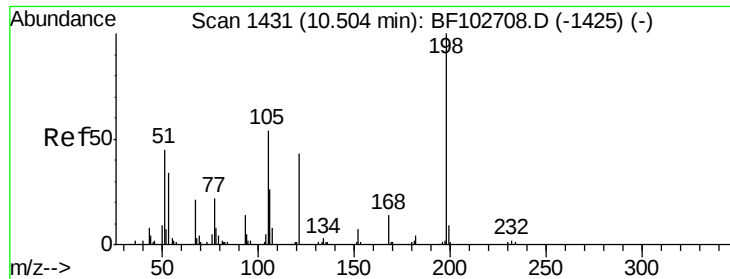
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8

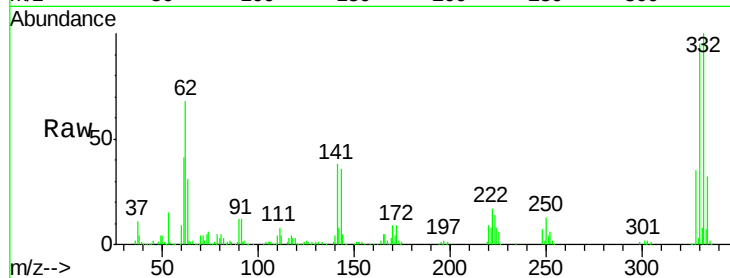




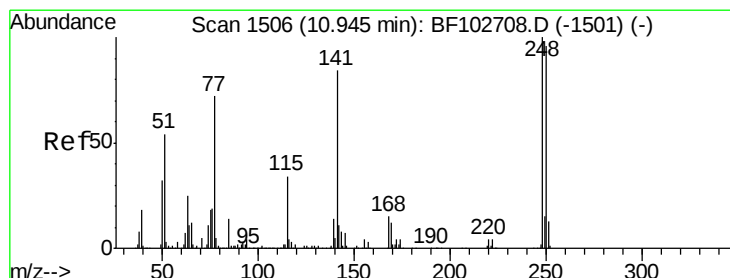
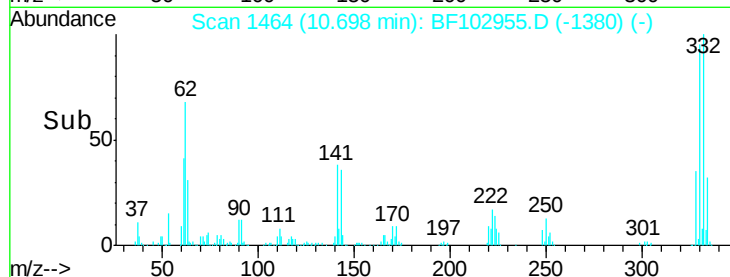
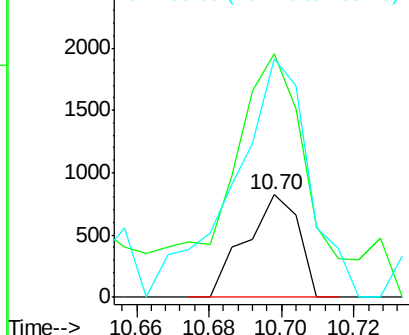
#64
4,6-Dinitro-2-methylphenol
Concen: 9.09 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.19 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 832
Ion Ratio Lower Upper
198 100
51 237.9 37.7 77.7#
105 232.4 36.3 76.3#

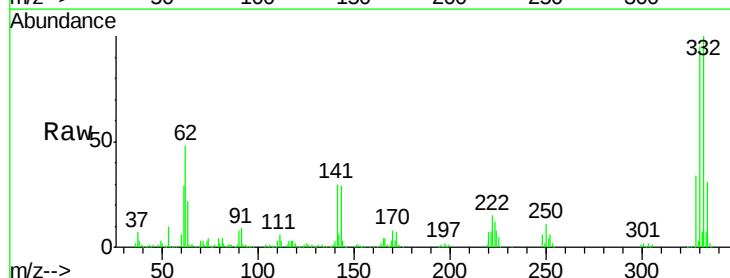


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

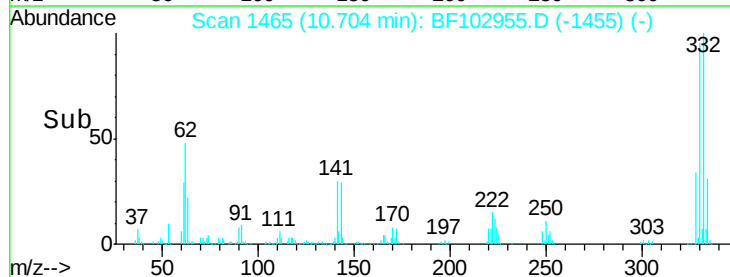
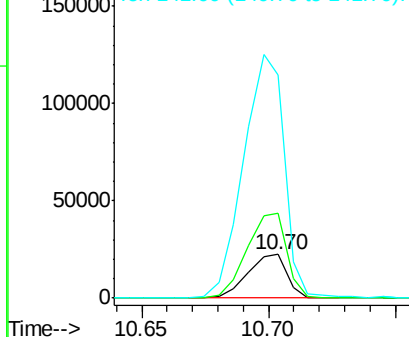


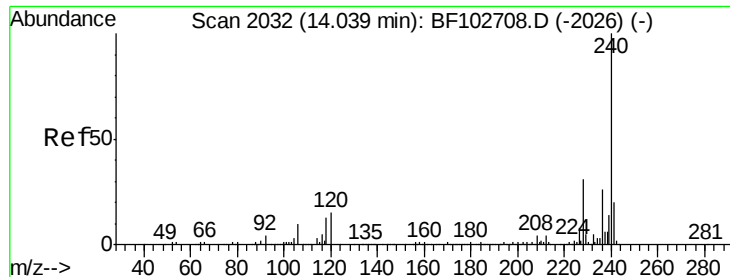
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102955.D
Acq: 13 Feb 2018 12:21

Tgt Ion:248 Resp: 24236
Ion Ratio Lower Upper
248 100
250 196.2 76.9 115.3#
141 516.0 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: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

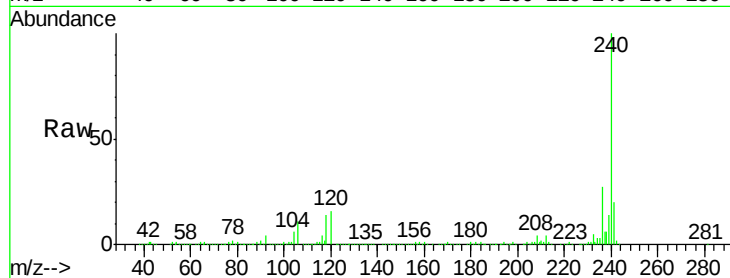
Tot Ion:240 Resp: 465190

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

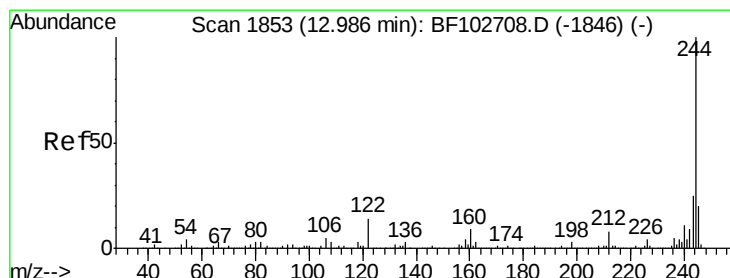
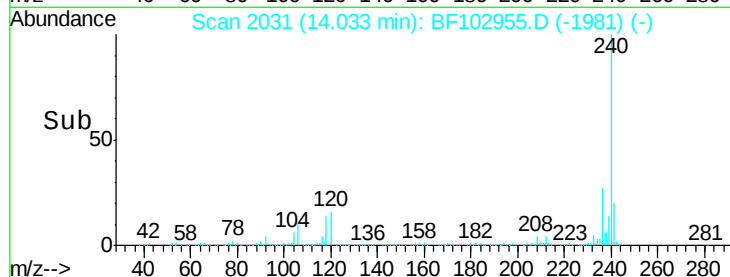
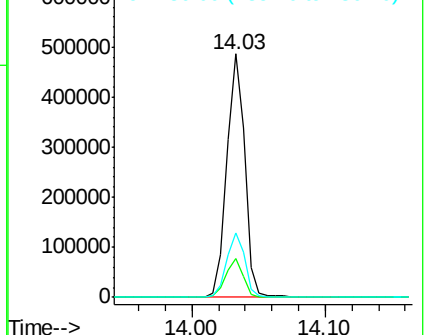
236 26.6 20.7 31.1



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: 80.58 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102955.D

Acq: 13 Feb 2018 12:21

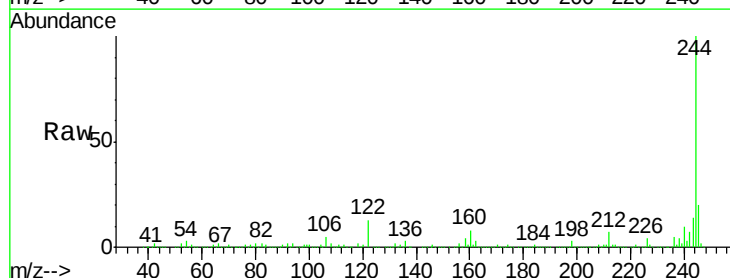
Tgt Ion:244 Resp: 1583078

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

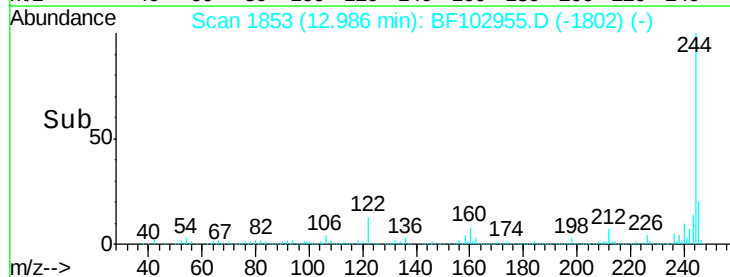
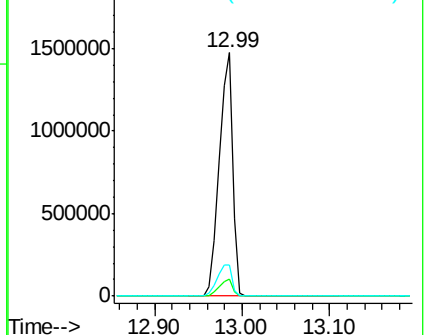
122 13.0 11.0 16.4

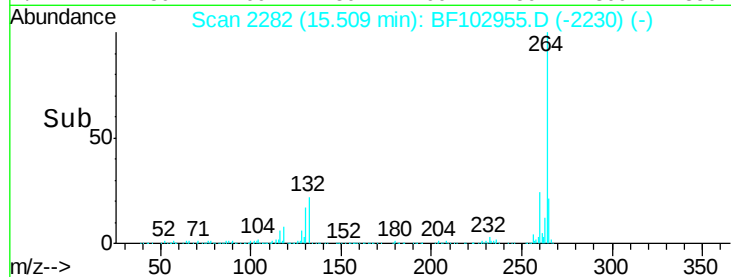
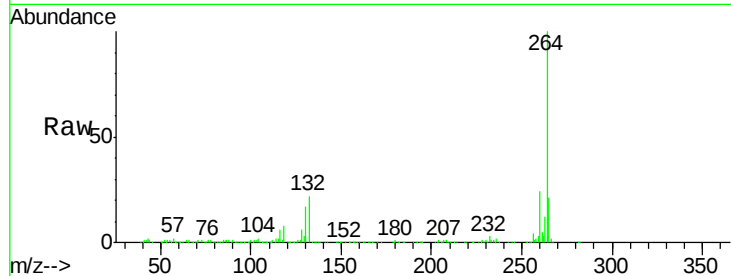
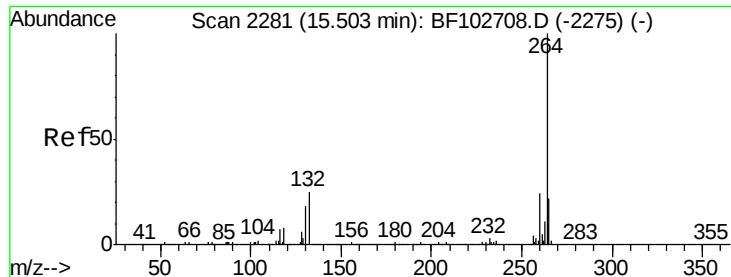


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF102955.D
 Acq: 13 Feb 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	373631
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.5	26.3

