

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102986.D
 Acq On : 14 Feb 2018 13:48
 Operator : SJ/JU
 Sample : J1530-45
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 15:32:48 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

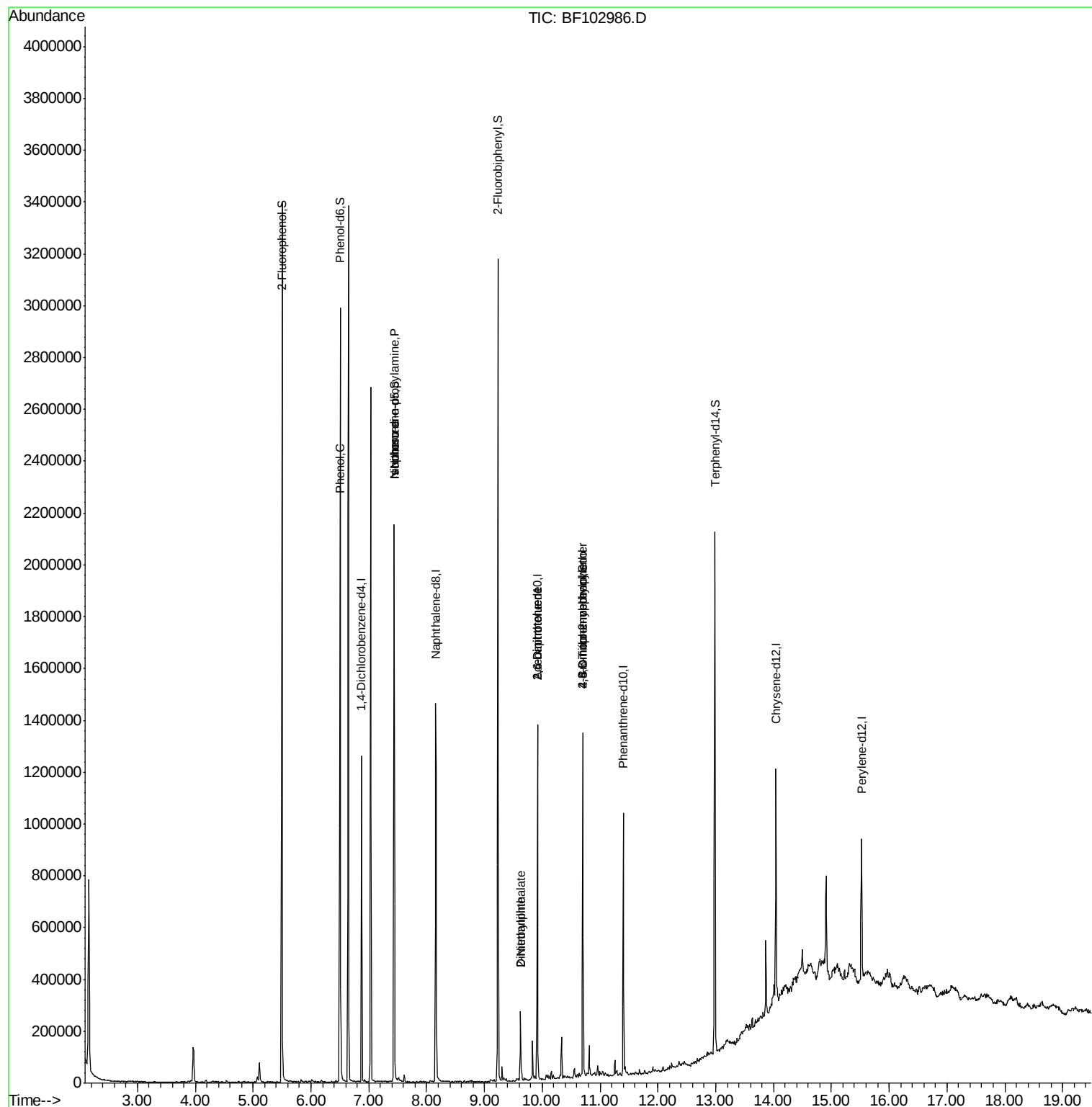
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163703	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	653567	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	256317	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	355383	20.00	ng	0.00
75) Chrysene-d12	14.04	240	294041	20.00	ng	0.00
86) Perylene-d12	15.52	264	249268	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	892779	82.82	ng	0.01
7) Phenol-d6	6.50	99	1062718	81.88	ng	0.00
23) Nitrobenzene-d5	7.44	82	655255	69.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	137801	66.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	938734	60.77	ng	0.00
78) Terphenyl-d14	12.99	244	641441	51.65	ng	0.00
Target Compounds						
10) Phenol	6.52	94	35611	2.560	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	85444	9.985	ng	# 83
25) Isophorone	7.44	82	655246	30.204	ng	# 64
47) 2-Nitroaniline	9.62	65	1022	3.653	ng	# 1
49) Dimethylphthalate	9.62	163	93026	4.655	ng	100
50) 2,6-Dinitrotoluene	9.92	165	33076	8.699	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	33076	9.146	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	249	8.948	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9656	2.569	ng	# 1

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

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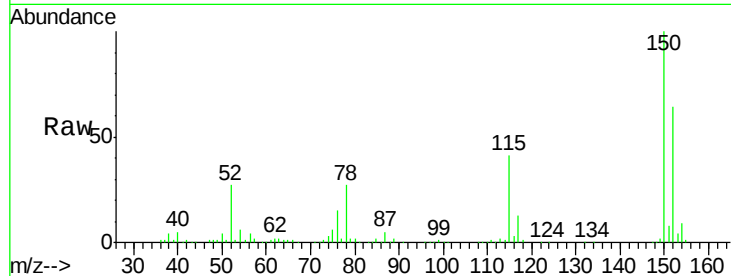


#1

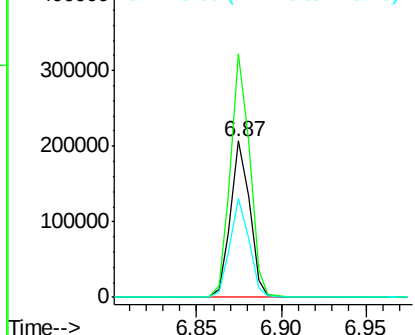
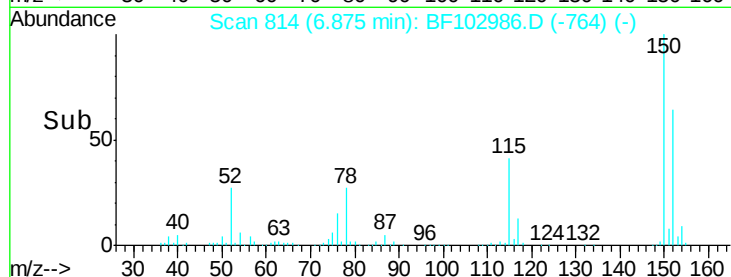
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163703
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 63.2 50.1 75.1



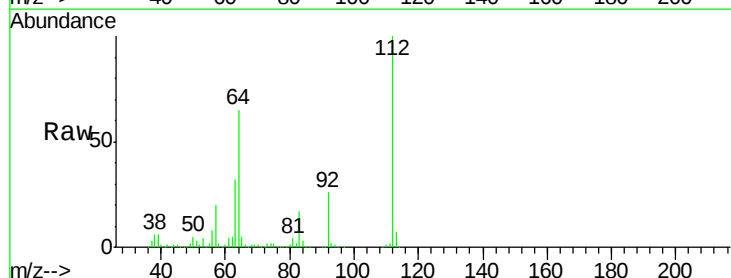
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



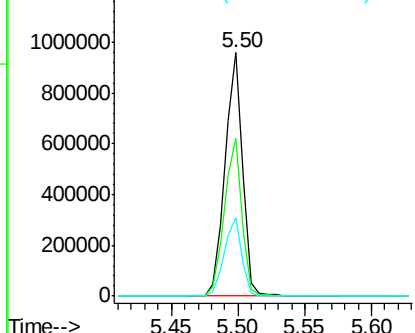
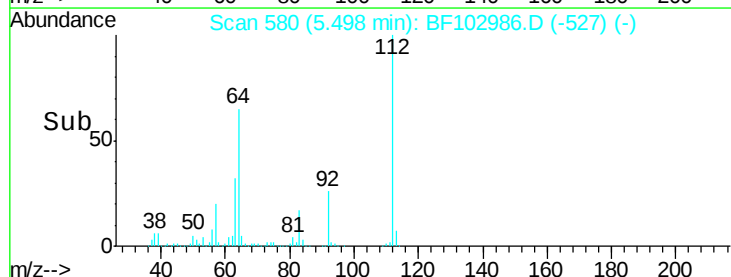
#5

2-Fluorophenol
Concen: 82.823 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion:112 Resp: 892779
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 32.3 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: 81.879 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102986.D

Acq: 14 Feb 2018 13:48

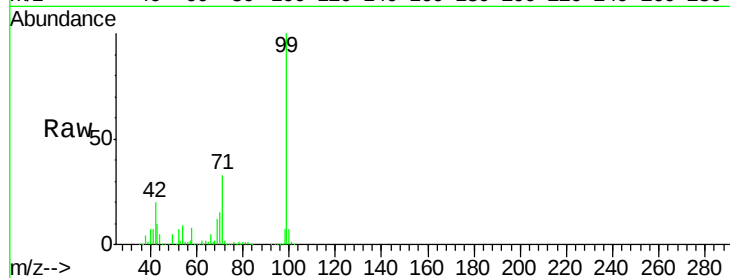
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1062718

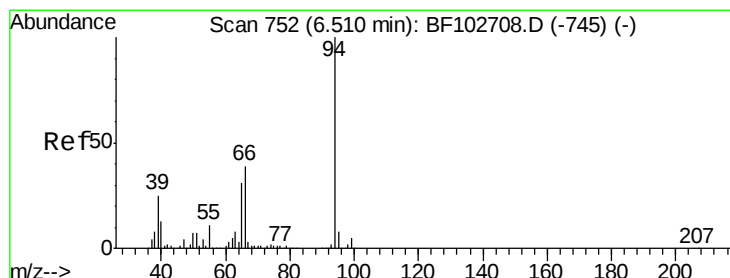
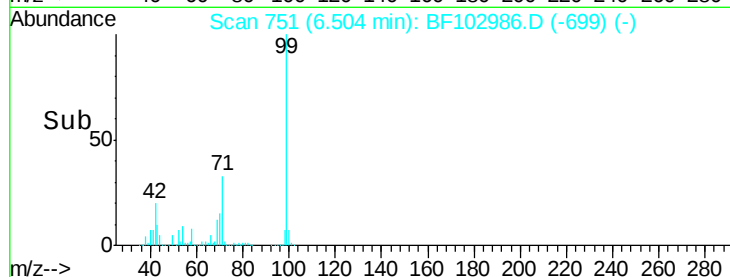
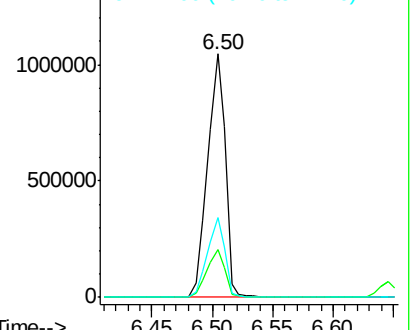
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.6	25.4	38.0



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



#10

Phenol

Concen: 2.560 ng

RT: 6.52 min Scan# 753

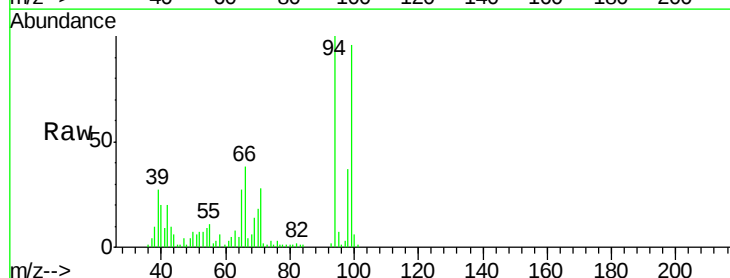
Delta R.T. 0.01 min

Lab File: BF102986.D

Acq: 14 Feb 2018 13:48

Tgt Ion: 94 Resp: 35611

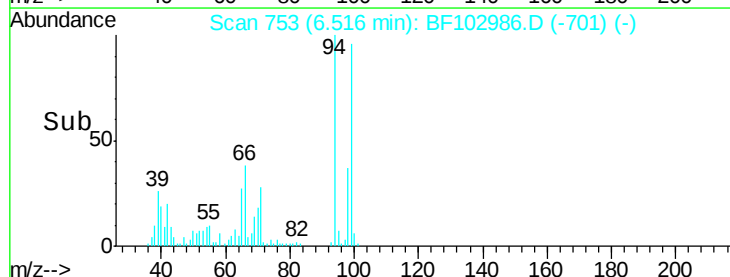
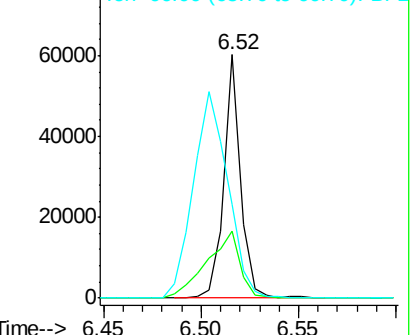
Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	38.4	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

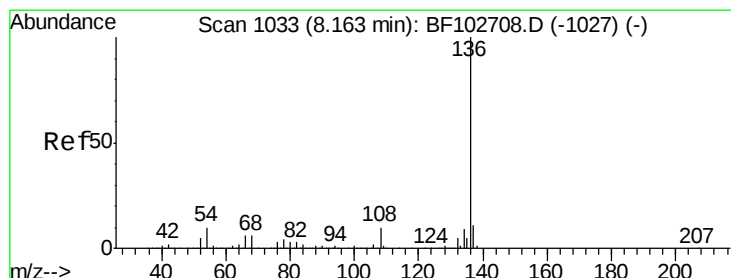
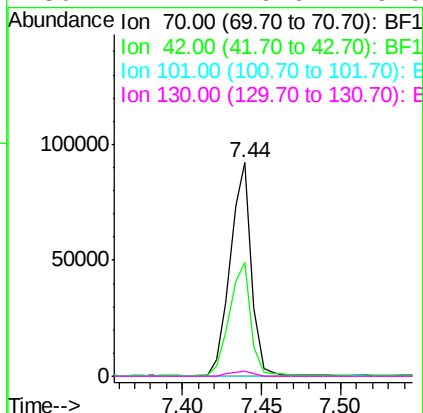
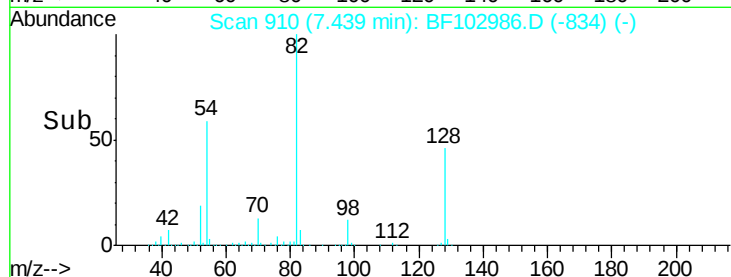
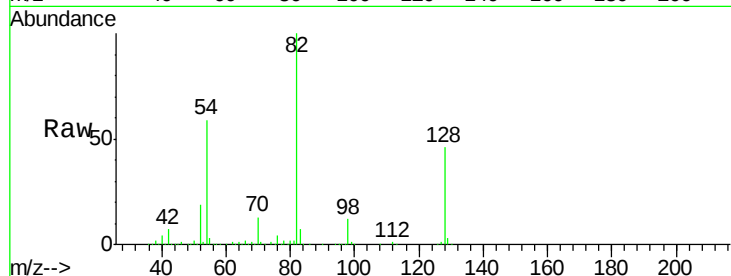




#19
n-Nitroso-di-n-propylamine
Concen: 9.985 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

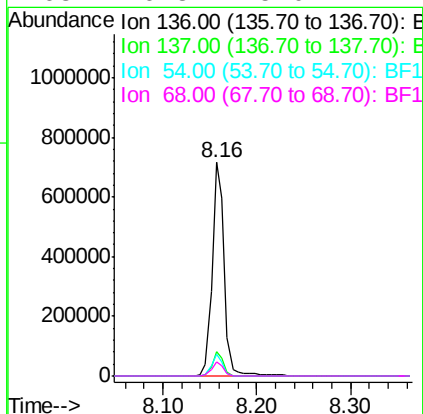
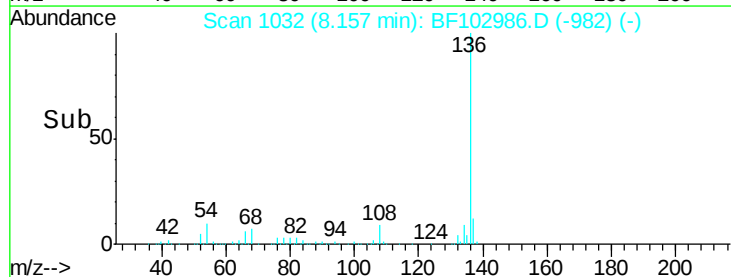
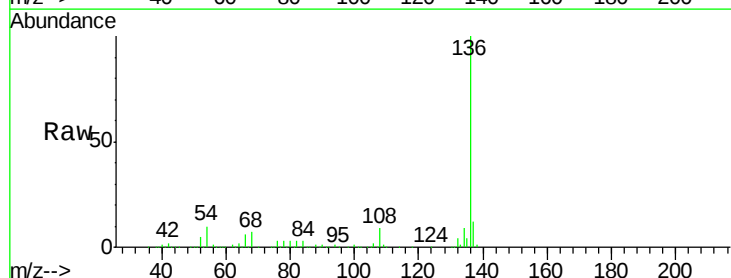
Instrument :
BNA_F
ClientSampled :

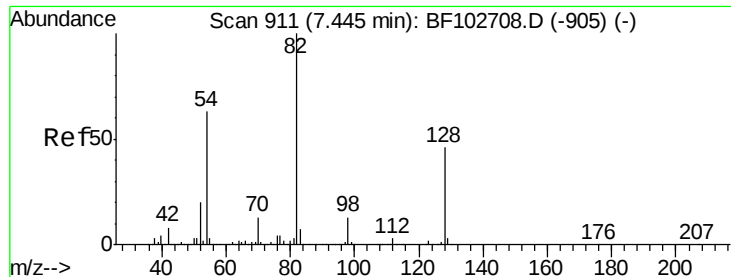
Tot Ion: 70 Resp: 85444
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion:136 Resp: 653567
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 10.0 6.6 9.8#
68 6.8 5.0 7.4

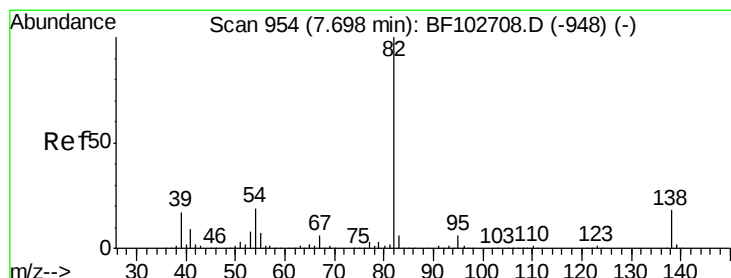
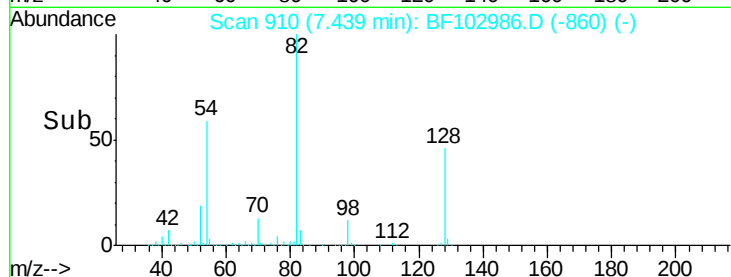
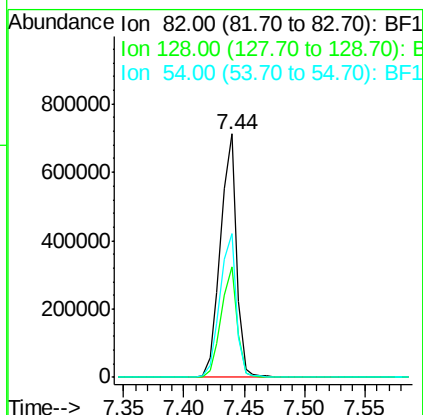
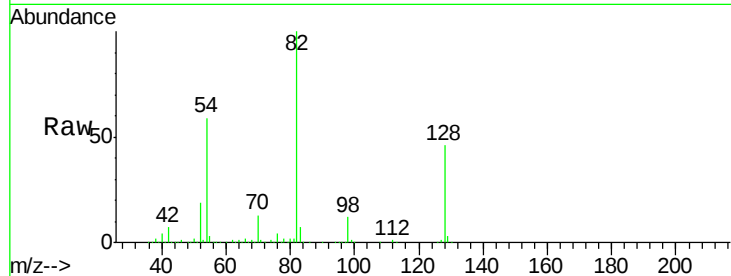




#23
Nitrobenzene-d5
Concen: 69.550 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

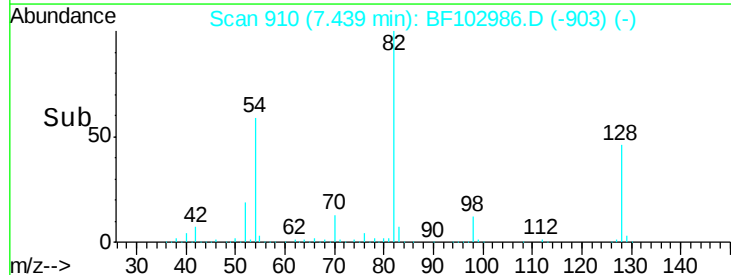
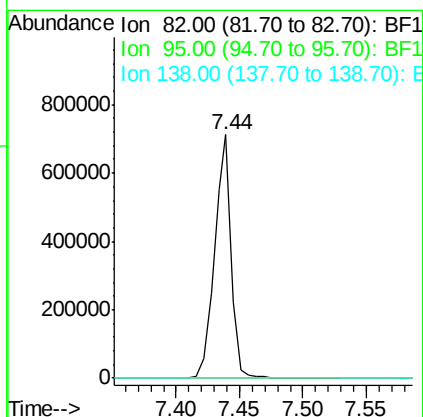
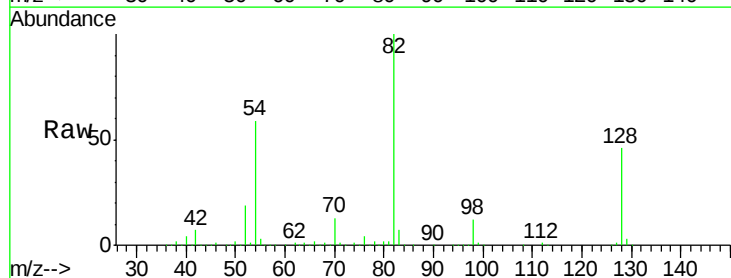
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	655255
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	59.3	41.4	62.2



#25
Isophorone
Concen: 30.204 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion	82	Resp	655246
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

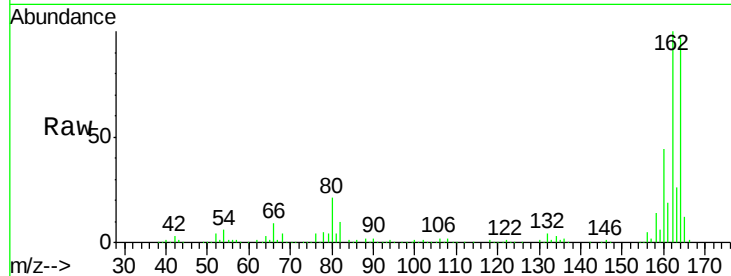




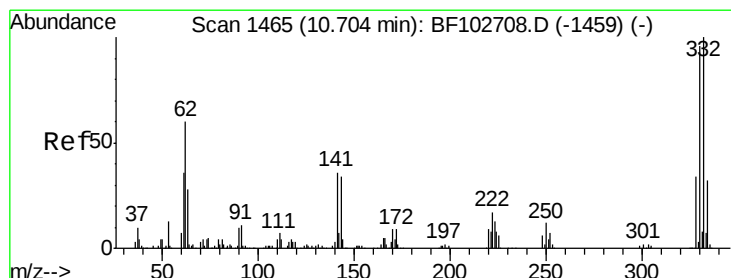
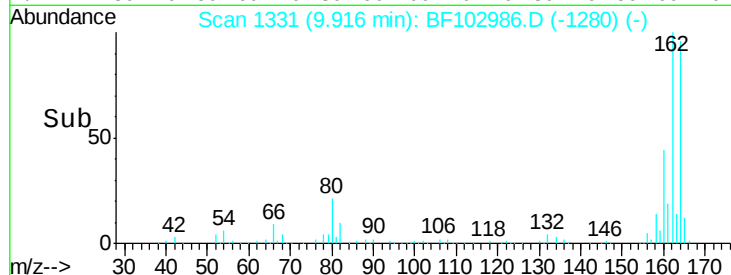
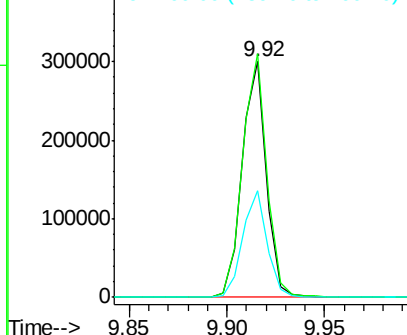
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF102986.D
 Acq: 14 Feb 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 256317
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 45.4 38.3 57.5

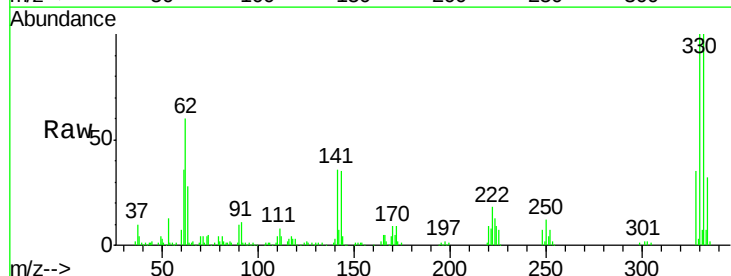


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

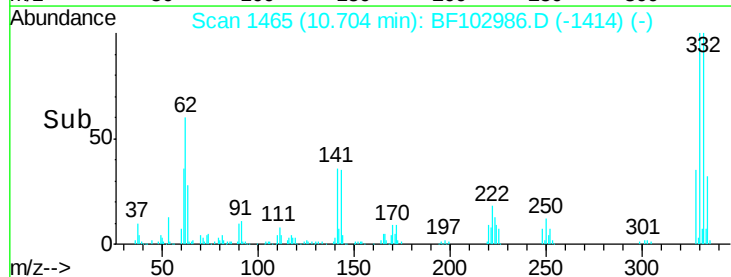
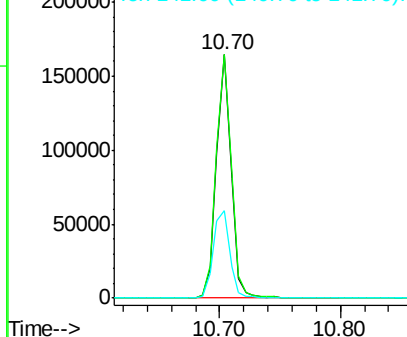


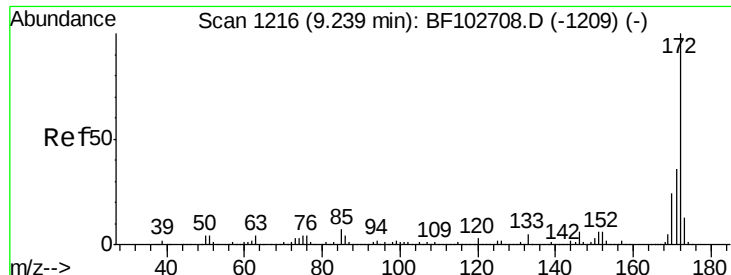
#41
 2,4,6-Tribromophenol
 Concen: 66.795 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102986.D
 Acq: 14 Feb 2018 13:48

Tgt Ion:330 Resp: 137801
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 40.3 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

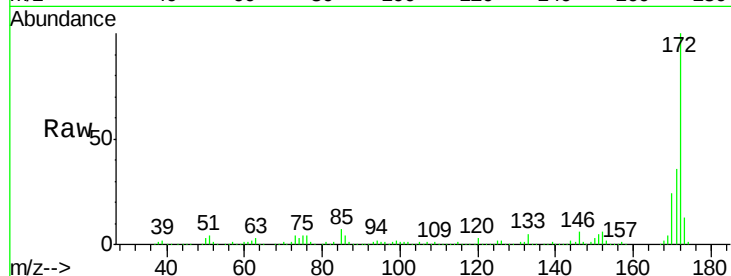




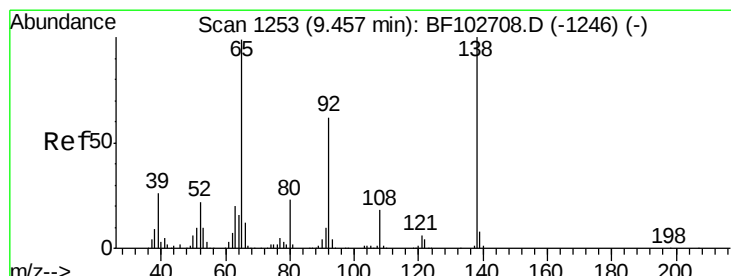
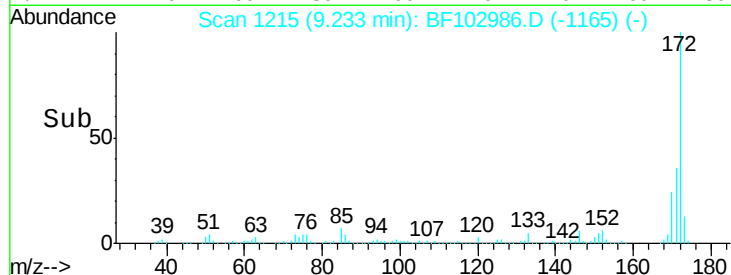
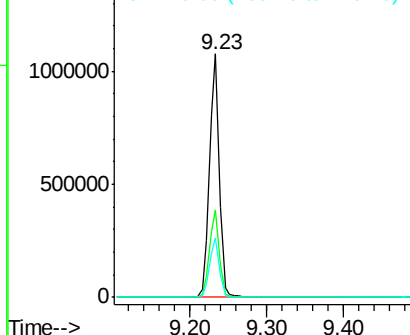
#44
2-Fluorobiphenyl
Concen: 60.772 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 938734
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.3 19.6 29.4

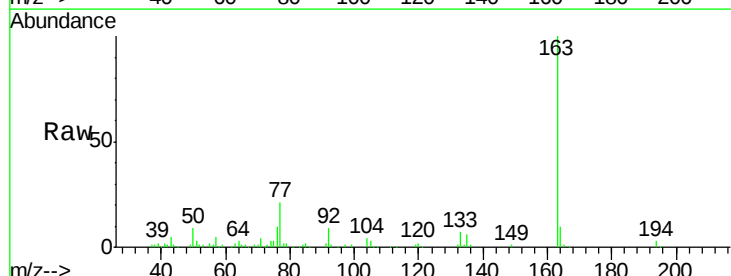


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

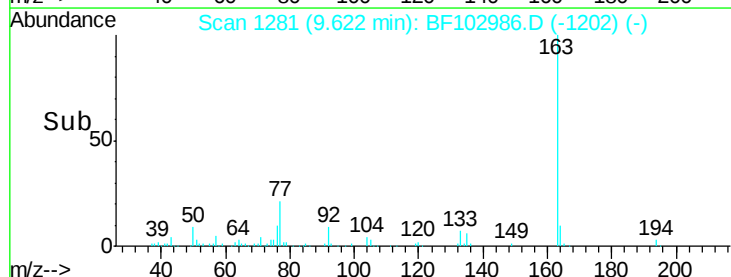
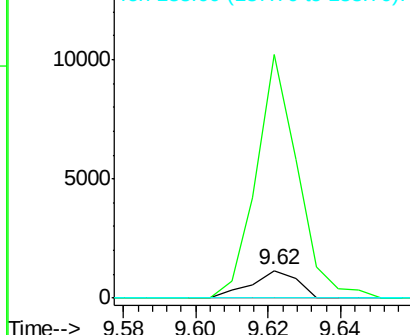


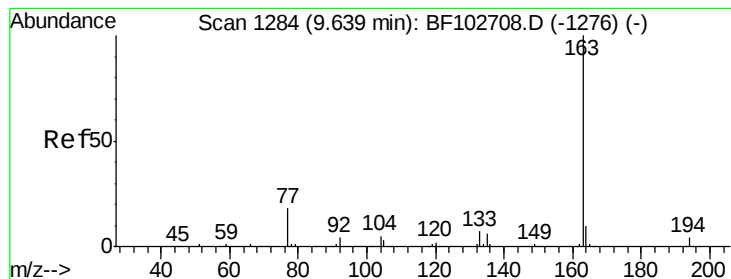
#47
2-Nitroaniline
Concen: 3.653 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.17 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion: 65 Resp: 1022
Ion Ratio Lower Upper
65 100
92 873.0 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





#49

Dimethylphthalate

Concen: 4.655 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102986.D

Acq: 14 Feb 2018 13:48

Instrument :

BNA_F

ClientSampled :

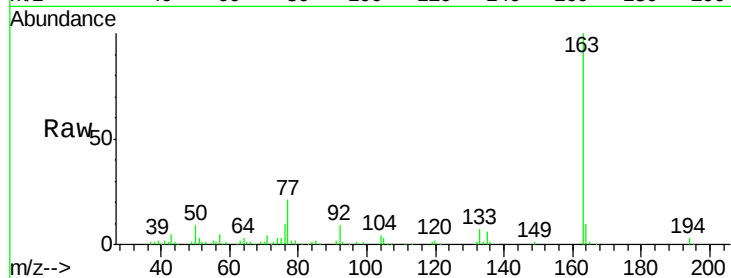
Tot Ion:163 Resp: 93026

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

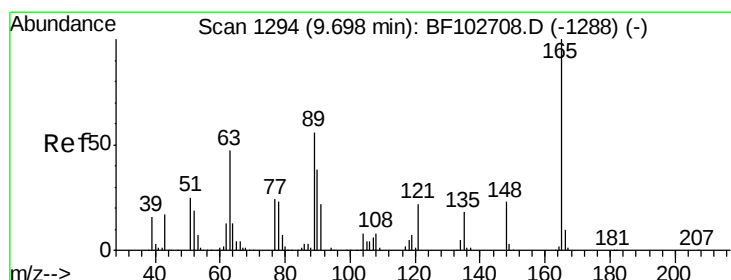
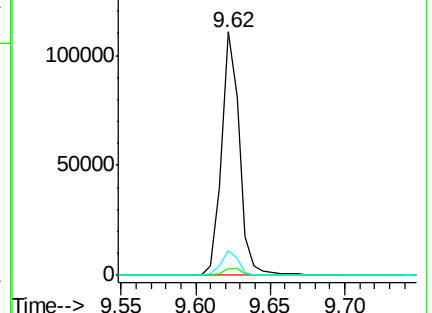
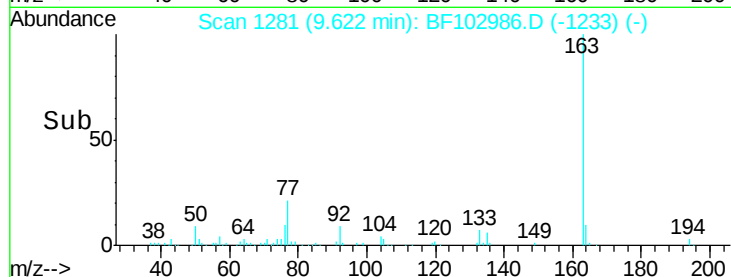
164 10.1 8.2 12.2



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: 8.699 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF102986.D

Acq: 14 Feb 2018 13:48

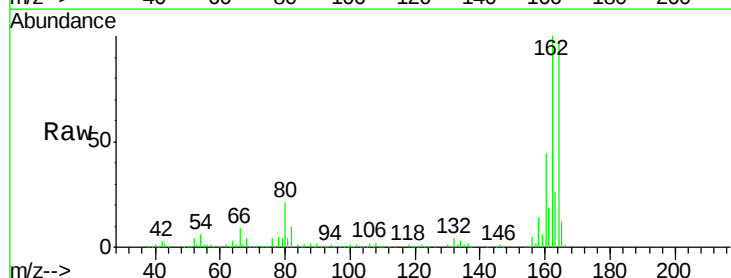
Tgt Ion:165 Resp: 33076

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

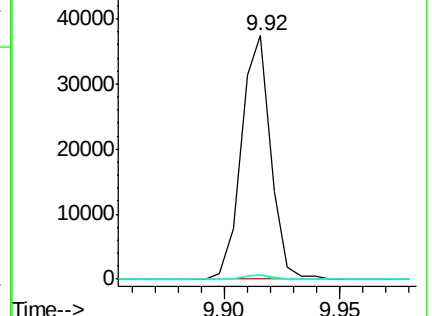
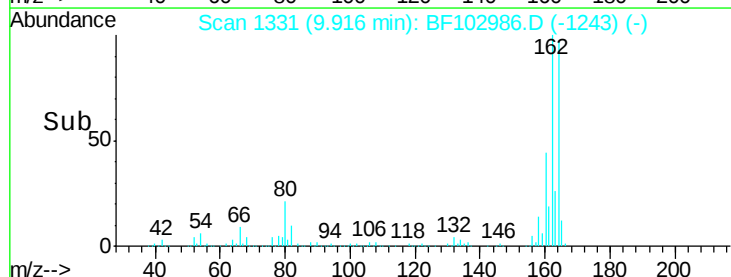
89 1.8 44.0 66.0#



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

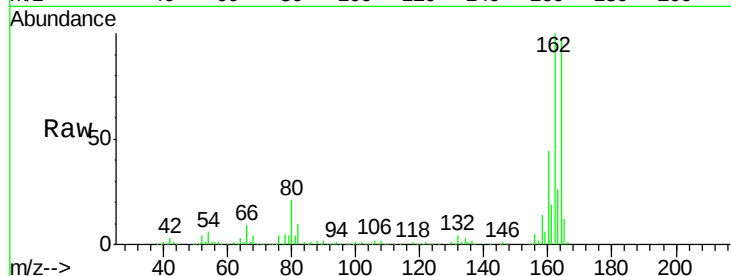




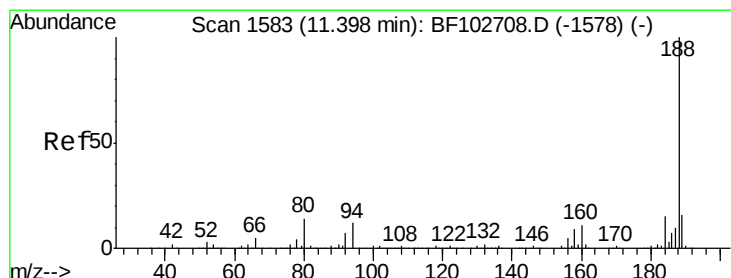
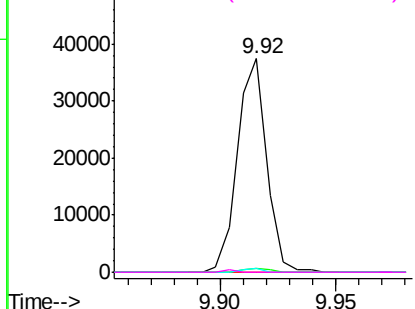
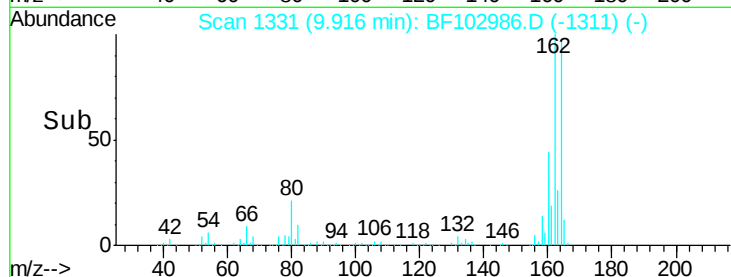
#56
 2,4-Dinitrotoluene
 Concen: 9.146 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF102986.D
 Acq: 14 Feb 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33076
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

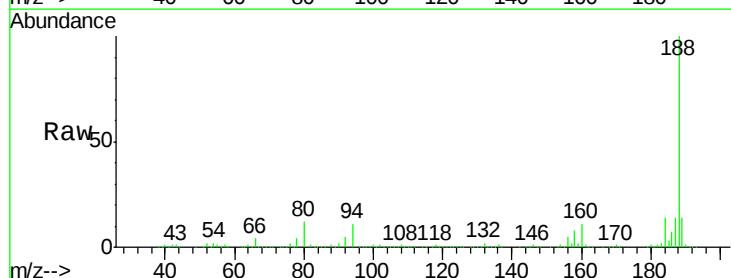


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

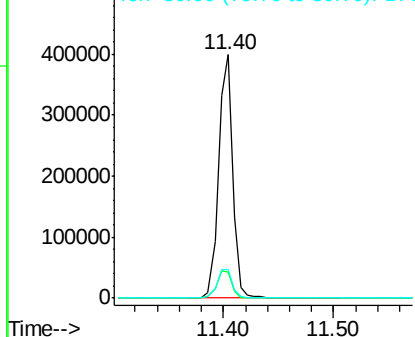
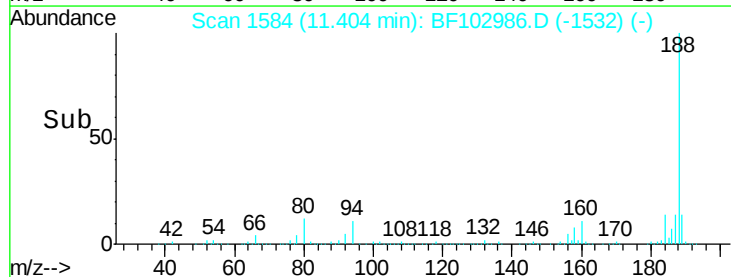


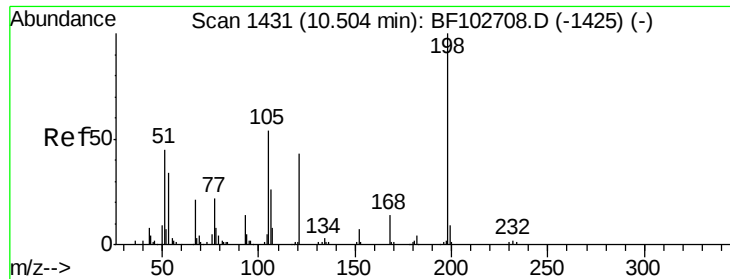
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102986.D
 Acq: 14 Feb 2018 13:48

Tgt Ion:188 Resp: 355383
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.7 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

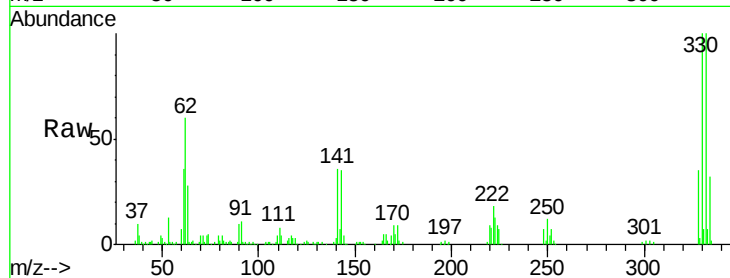




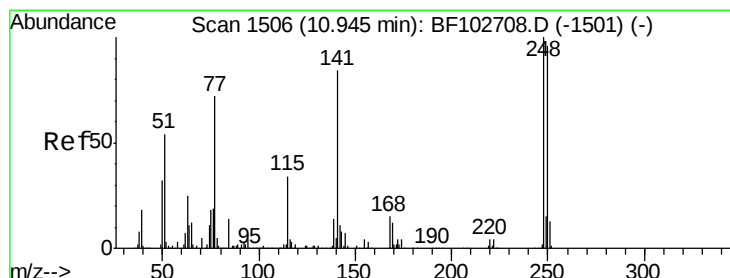
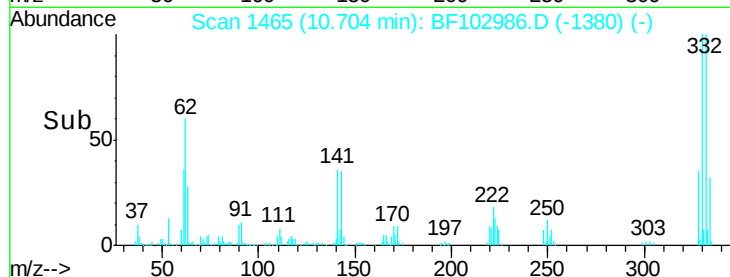
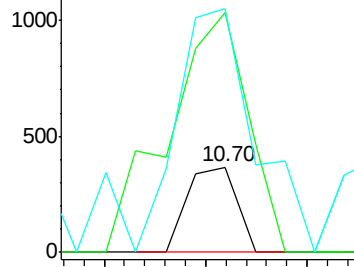
#64
4,6-Dinitro-2-methylphenol
Concen: 8.948 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 280.2 37.7 77.7#
105 285.1 36.3 76.3#

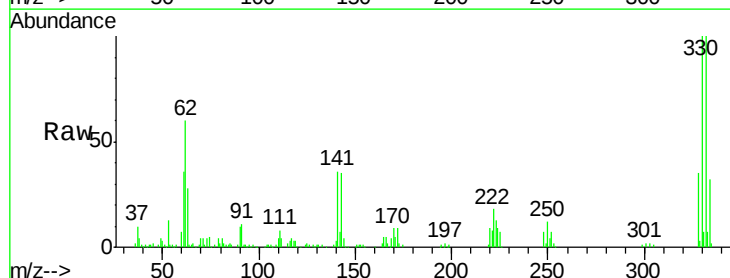


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

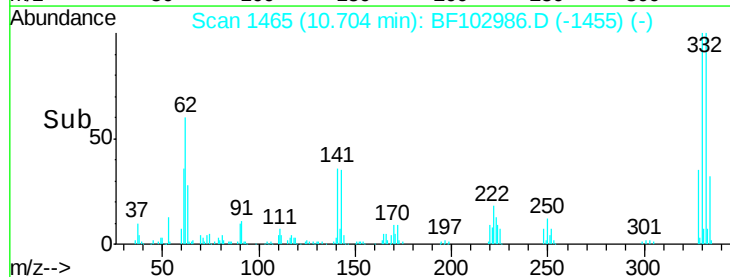
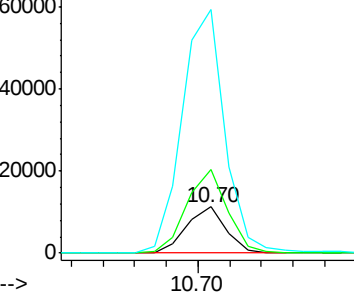


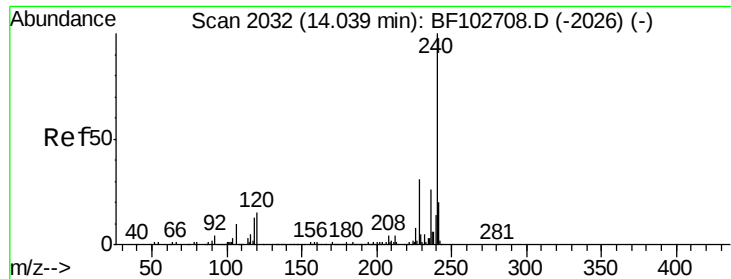
#66
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion:248 Resp: 9656
Ion Ratio Lower Upper
248 100
250 182.0 76.9 115.3#
141 526.8 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

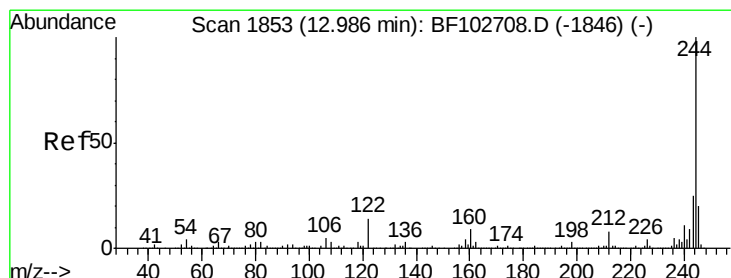
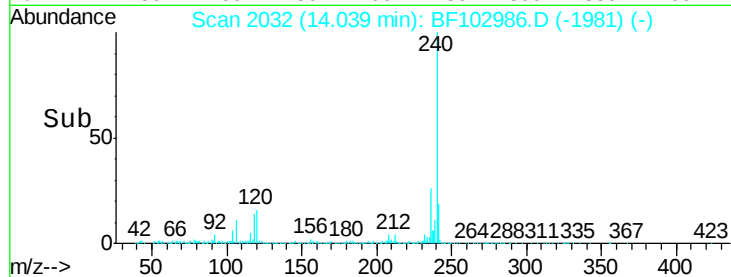
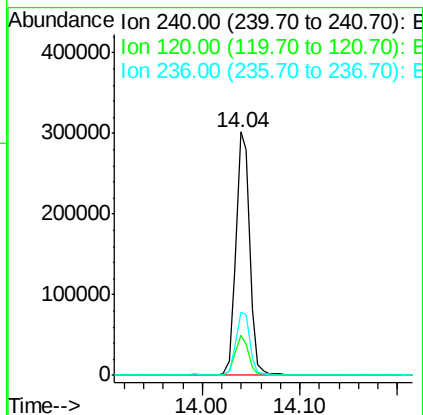
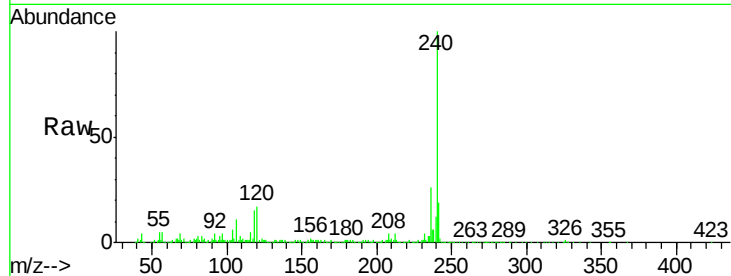




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

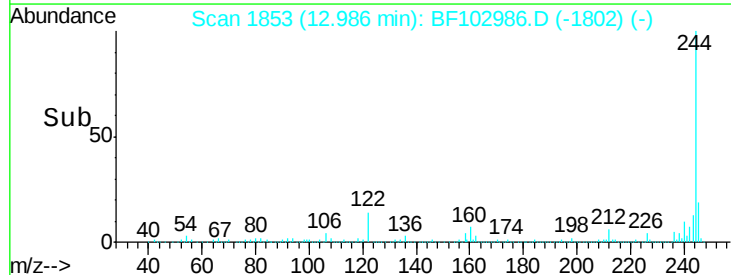
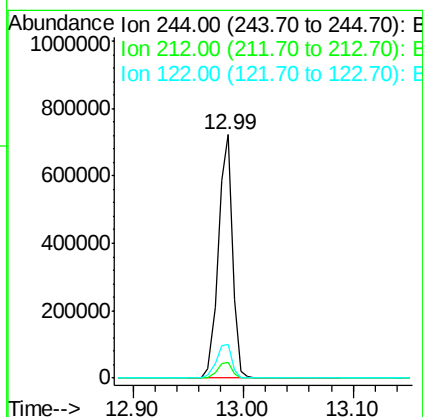
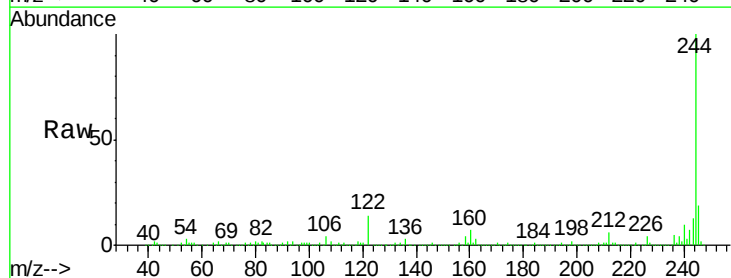
Instrument :
BNA_F
ClientSampleId :

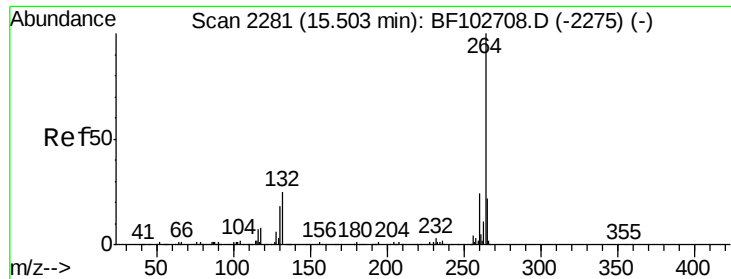
Tot Ion:240 Resp: 294041
Ion Ratio Lower Upper
240 100
120 16.7 9.5 14.3#
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 51.652 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Tgt Ion:244 Resp: 641441
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 13.6 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102986.D
Acq: 14 Feb 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3

