

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102828.D
 Acq On : 7 Feb 2018 21:41
 Operator : SJ/JU
 Sample : J1473-25 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:20:53 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 12:44:16 2018
 Response via : Initial Calibration

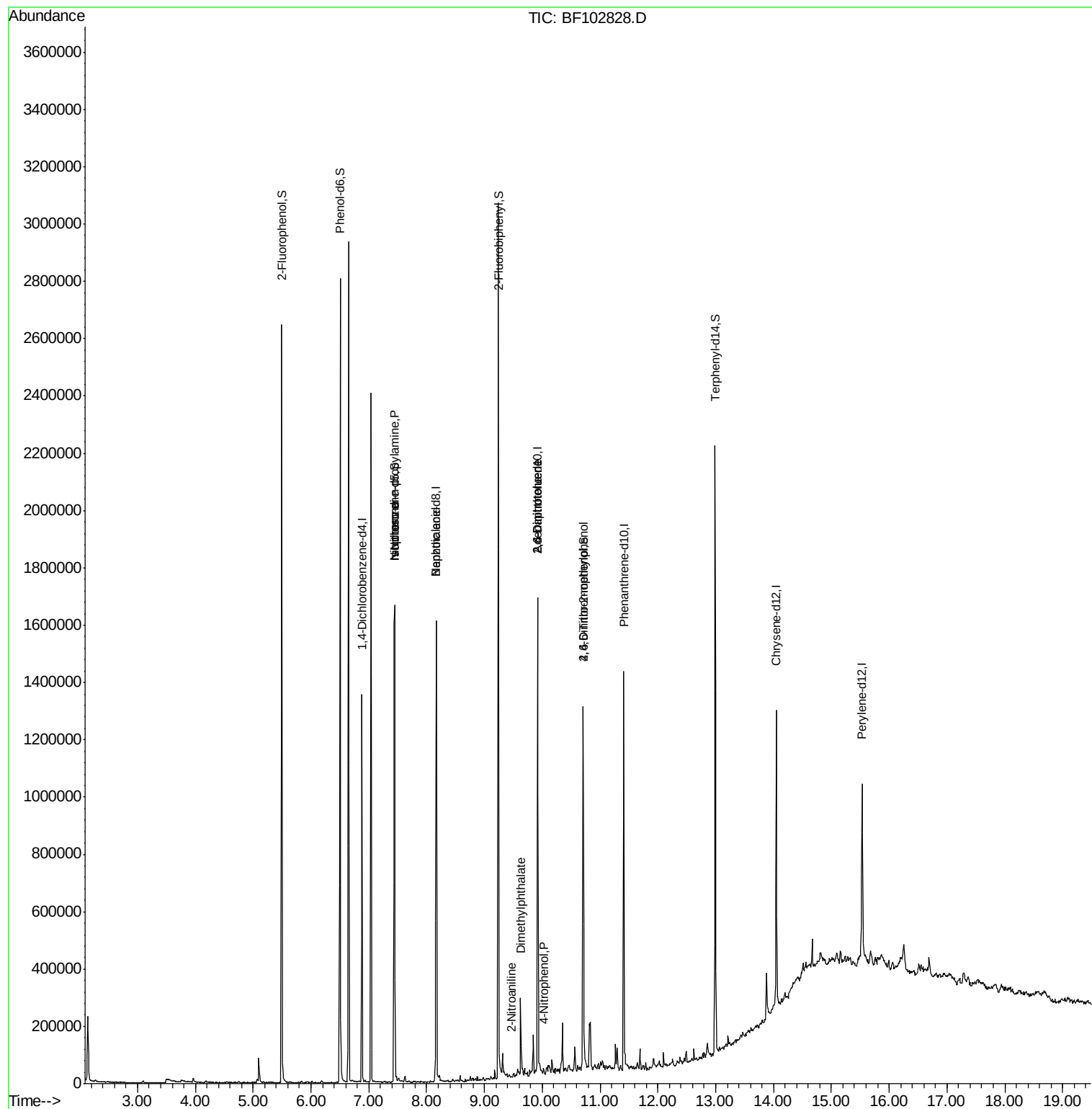
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188243	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	768443	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	316131	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	478024	20.00	ng	0.00
75) Chrysene-d12	14.05	240	361419	20.00	ng	0.00
86) Perylene-d12	15.53	264	298920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	746616	60.23	ng	0.00
7) Phenol-d6	6.50	99	874267	58.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	526469	47.53	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	149783	58.87	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	911967	47.87	ng	0.00
78) Terphenyl-d14	12.99	244	665939	43.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	70764	7.19	ng	# 82
25) Isophorone	7.45	82	526463	20.64	ng	# 64
32) Benzoic acid	8.16	122	164	8.56	ng	# 1
47) 2-Nitroaniline	9.46	65	109	3.49	ng	# 2
49) Dimethylphthalate	9.63	163	89700	3.64	ng	99
50) 2,6-Dinitrotoluene	9.92	165	41918	8.94	ng	# 25
55) 4-Nitrophenol	10.02	139	457	4.12	ng	# 62
56) 2,4-Dinitrotoluene	9.92	165	41918	9.31	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	221	8.89	ng	# 1

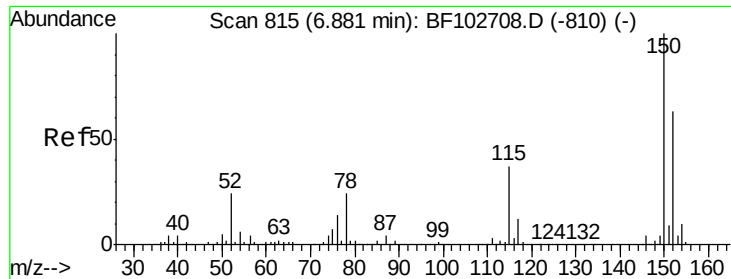
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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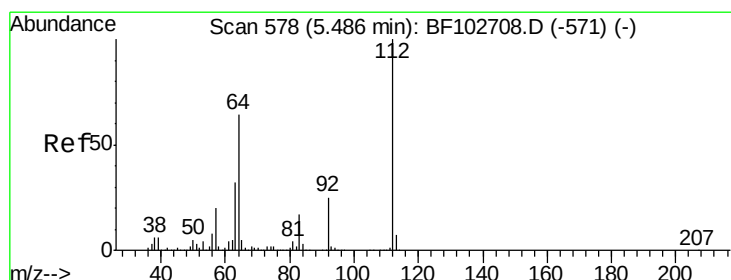
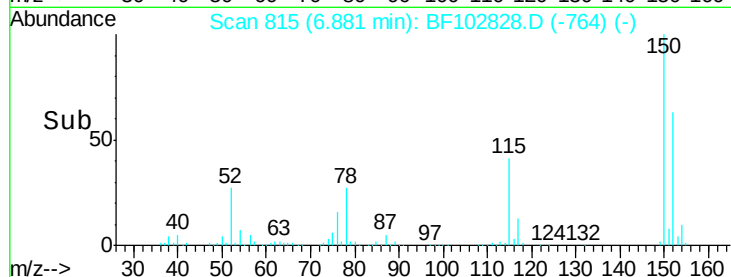
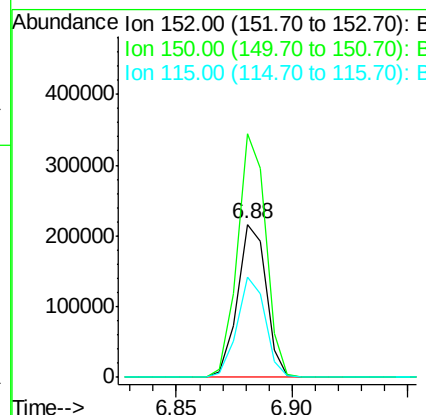
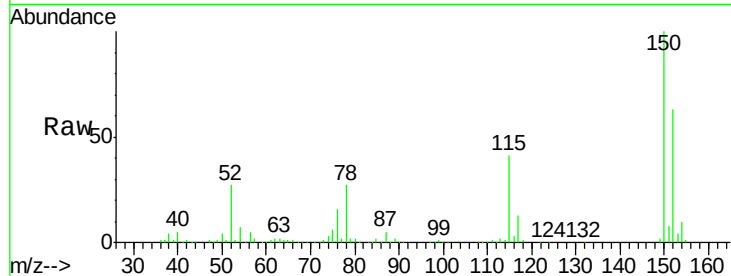


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Instrument :
BNA_F
ClientSampleId :

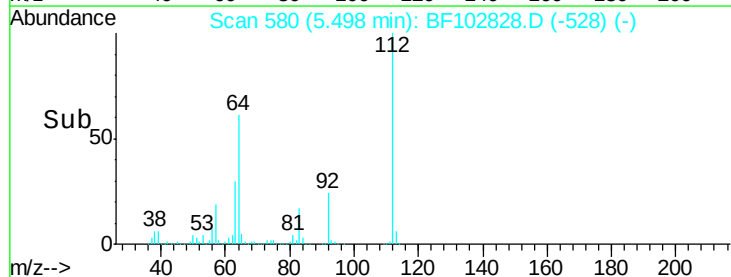
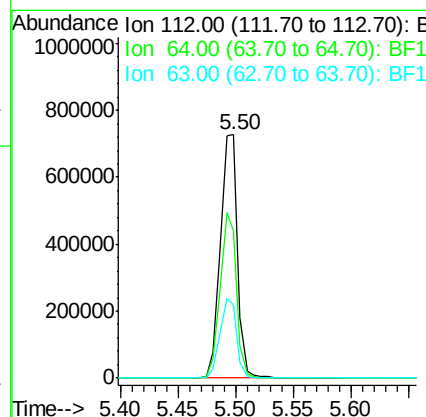
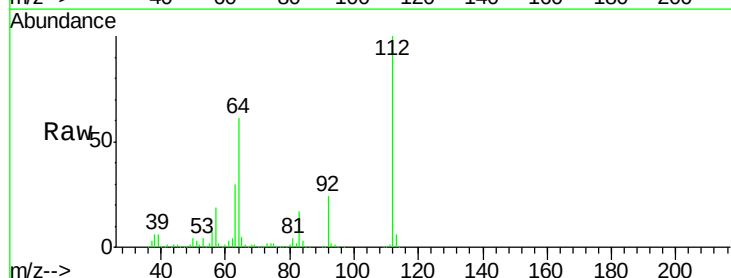
Tot Ion:152 Resp: 188243
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 65.6 50.1 75.1

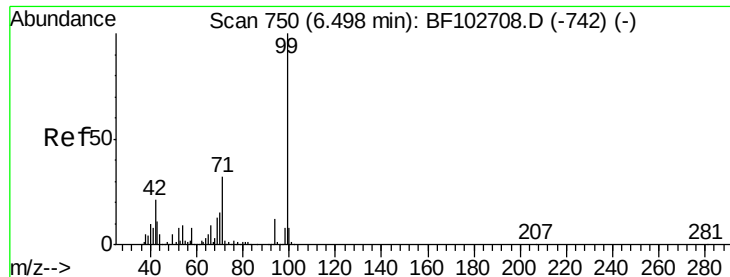


#5

2-Fluorophenol
Concen: 60.23 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Tgt Ion:112 Resp: 746616
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 58.58 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102828.D

Acq: 7 Feb 2018 21:41

Instrument :

BNA_F

ClientSampleId :

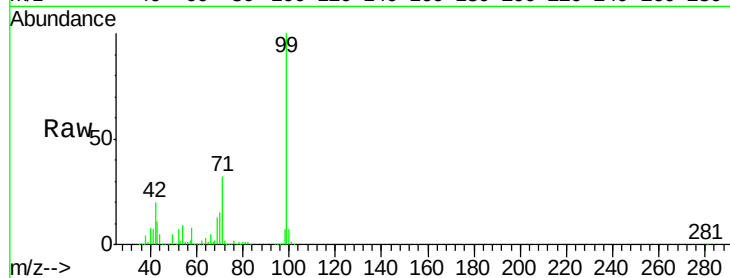
Tot Ion: 99 Resp: 874267

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

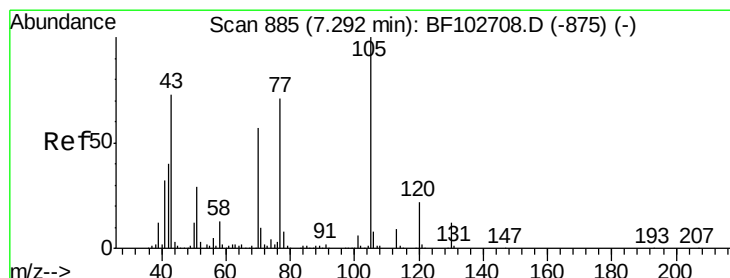
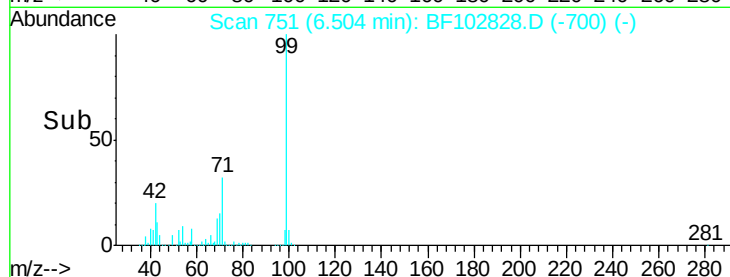
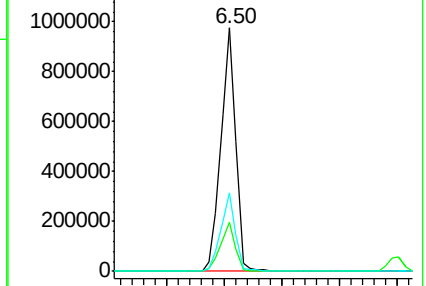
71 32.3 25.4 38.0



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: 7.19 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102828.D

Acq: 7 Feb 2018 21:41

Tgt Ion: 70 Resp: 70764

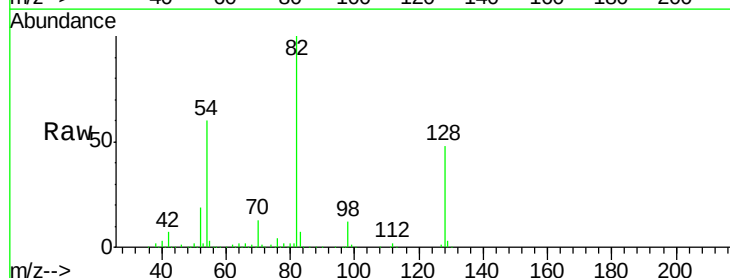
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

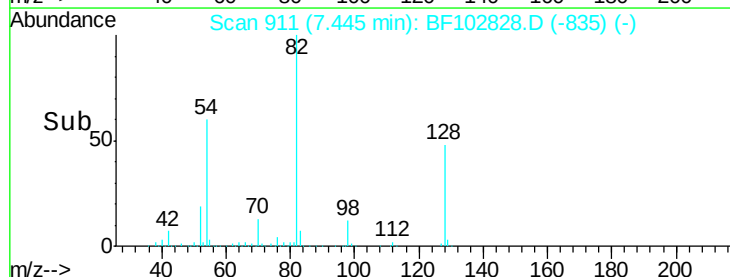
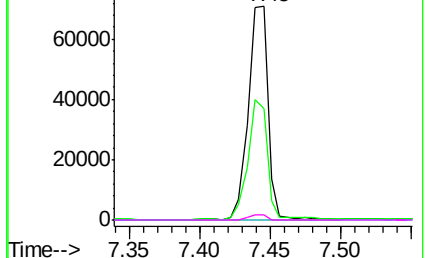


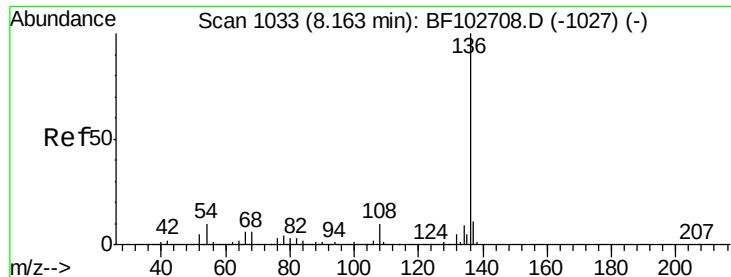
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

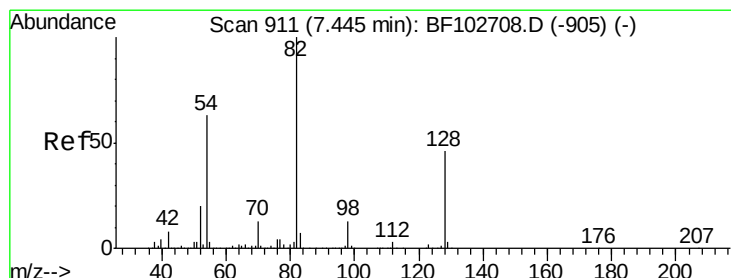
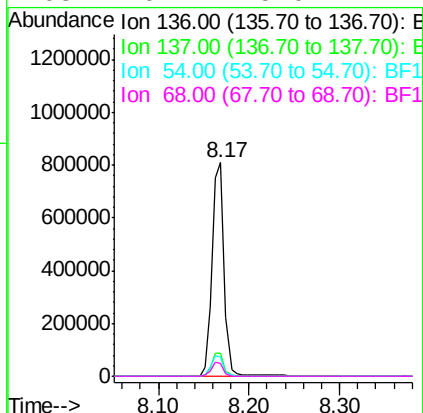
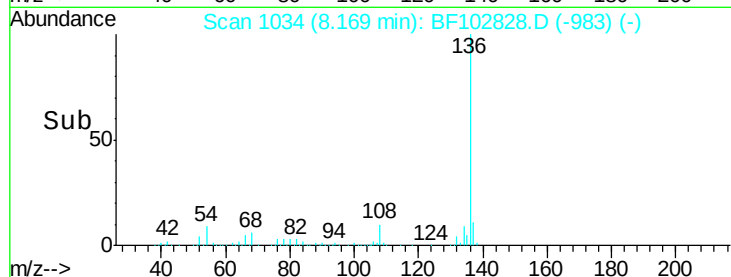
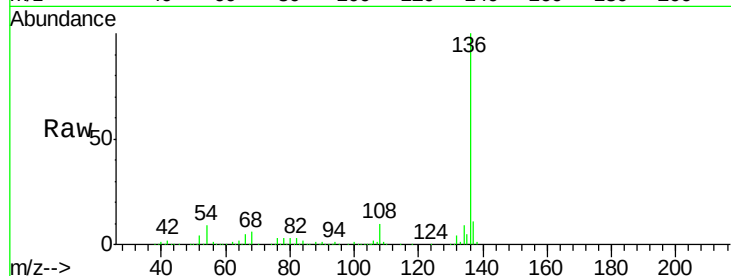




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

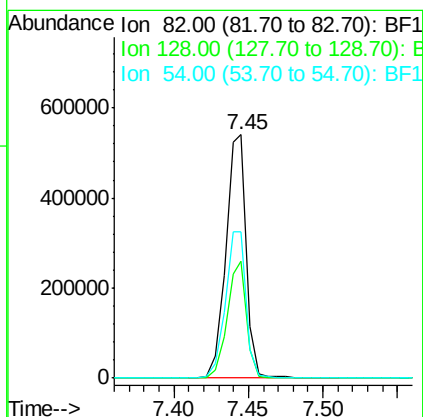
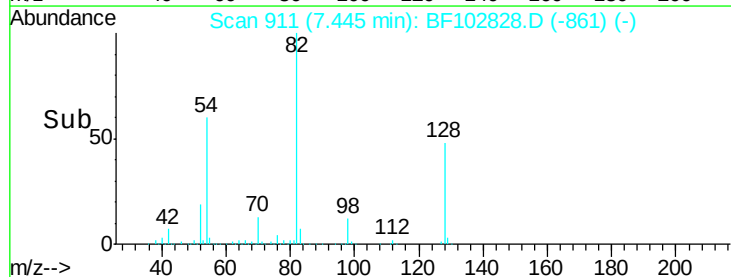
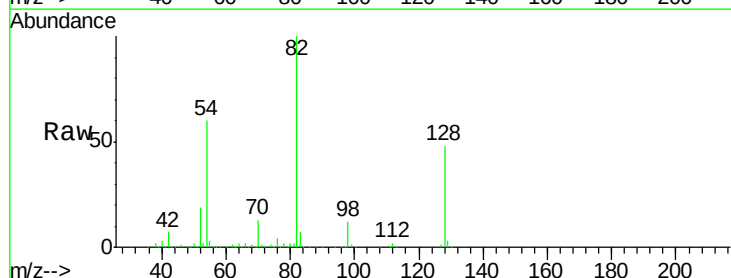
Instrument :
BNA_F
ClientSampleId :

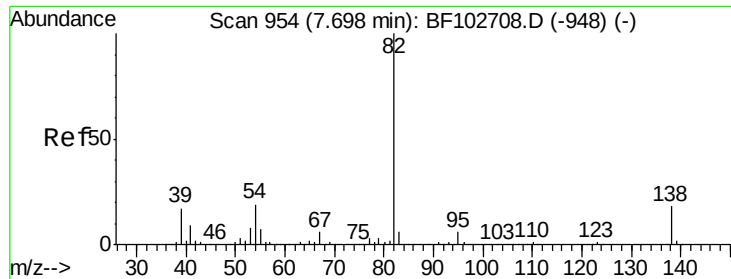
Tot Ion:136	Resp:	768443
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.3	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 47.53 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Tgt Ion: 82	Resp:	526469
Ion	Ratio	Lower Upper
82	100	
128	48.3	36.1 54.1
54	60.0	41.4 62.2

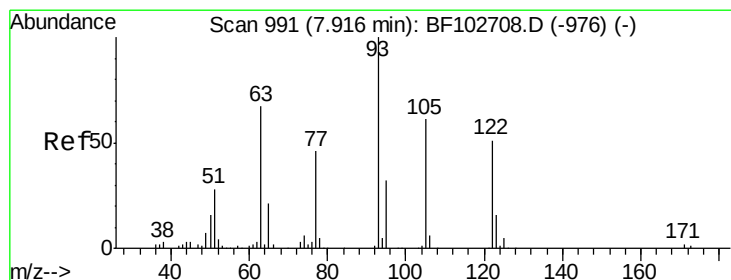
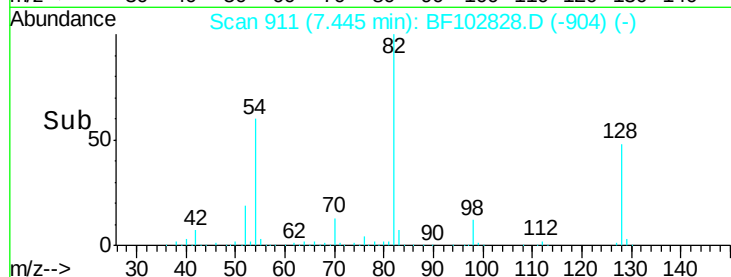
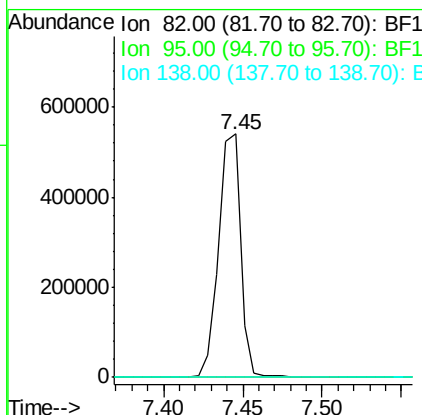
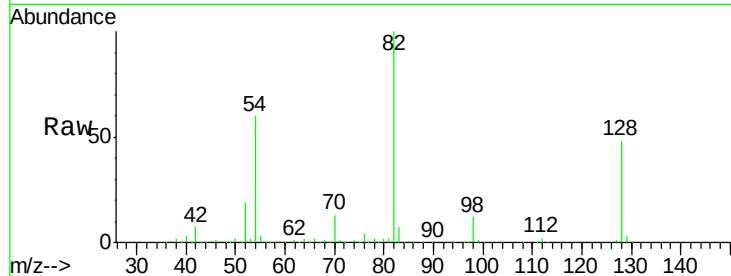




#25
Isophorone
Concen: 20.64 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

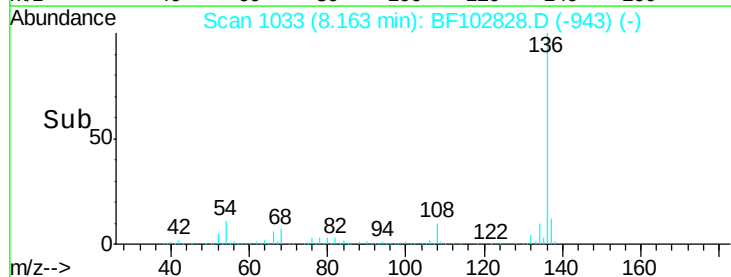
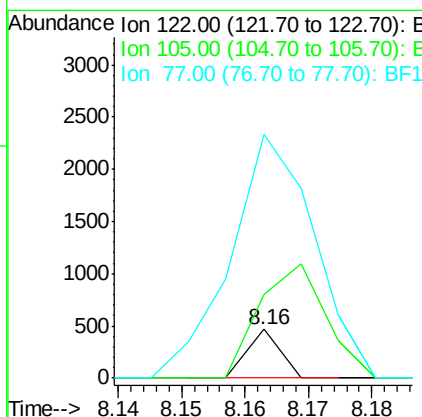
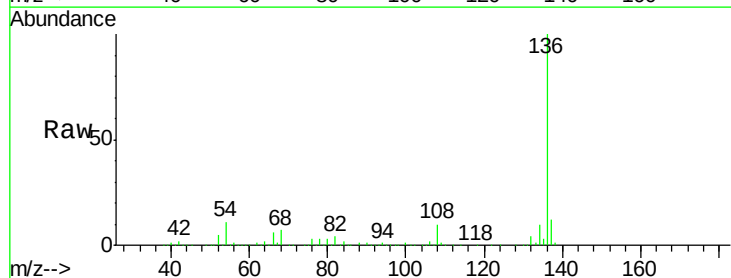
Instrument :
BNA_F
ClientSampleId :

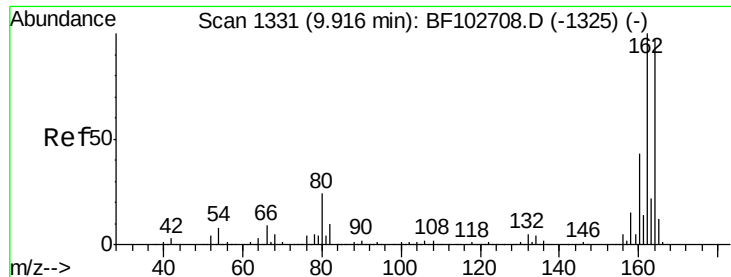
Tot Ion: 82 Resp: 526463
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 8.56 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.23 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Tgt Ion:122 Resp: 164
Ion Ratio Lower Upper
122 100
105 171.6 101.1 141.1#
77 502.8 70.7 110.7#

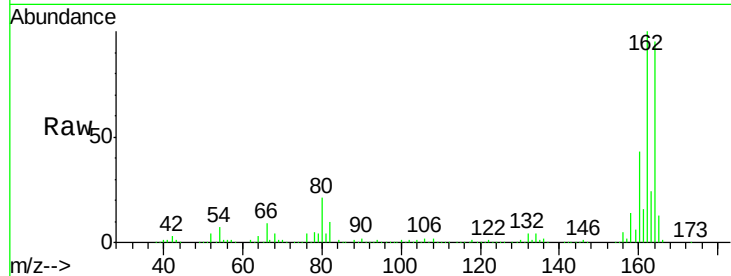




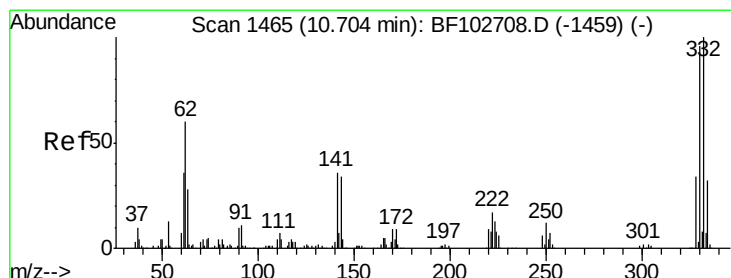
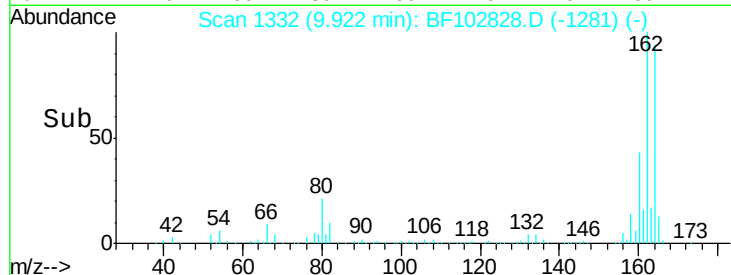
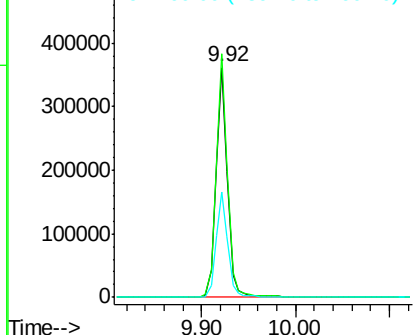
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 316131
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 45.8 38.3 57.5

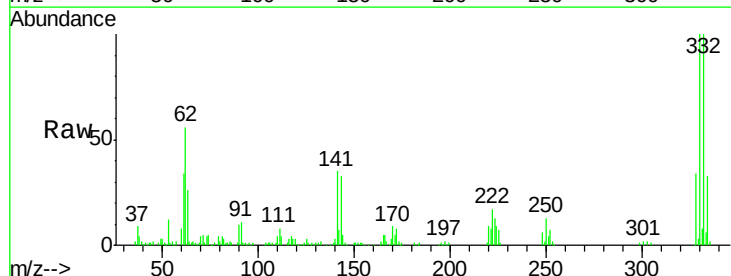


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

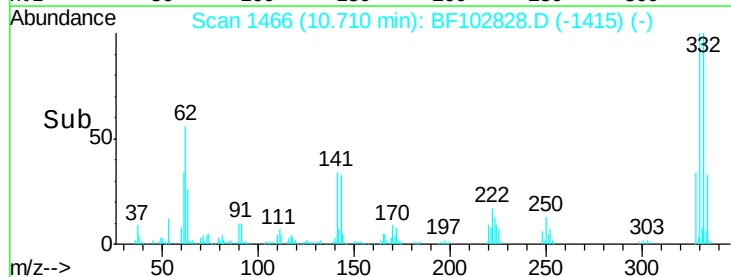
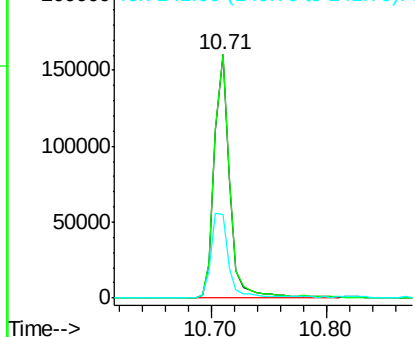


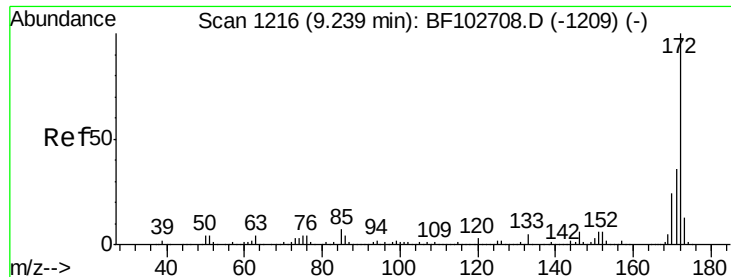
#41
 2,4,6-Tribromophenol
 Concen: 58.87 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Tgt Ion:330 Resp: 149783
 Ion Ratio Lower Upper
 330 100
 332 102.0 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

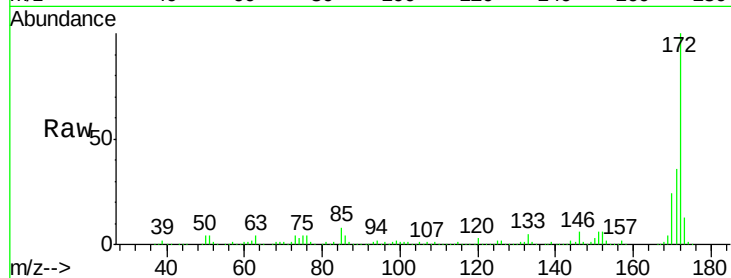




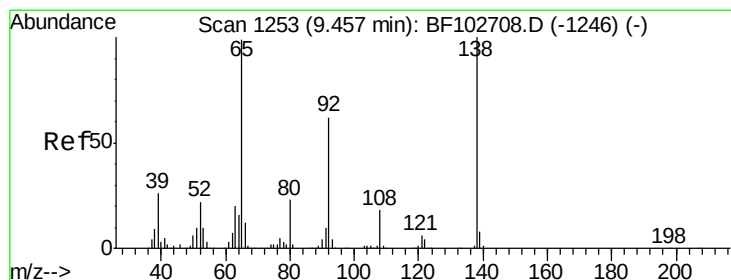
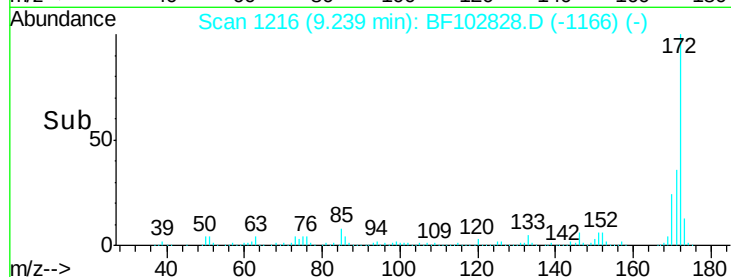
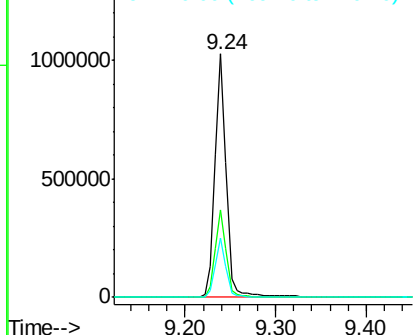
#44
 2-Fluorobiphenyl
 Concen: 47.87 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

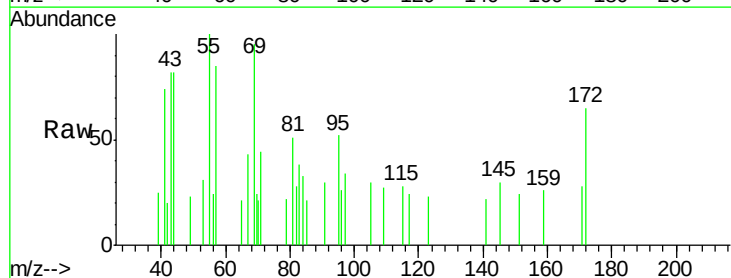


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

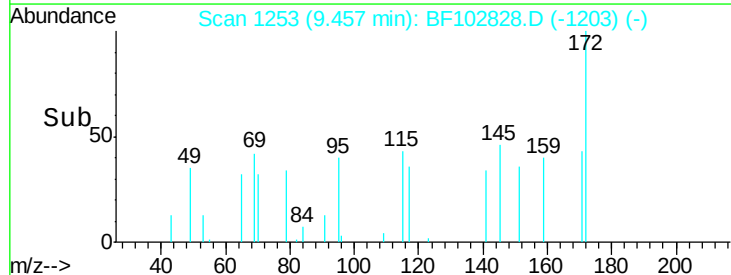
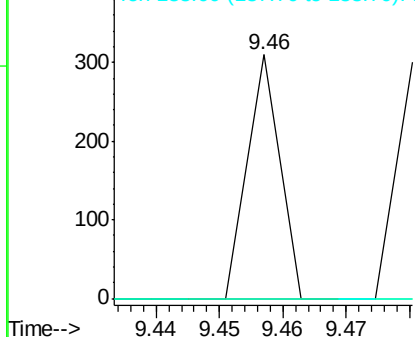


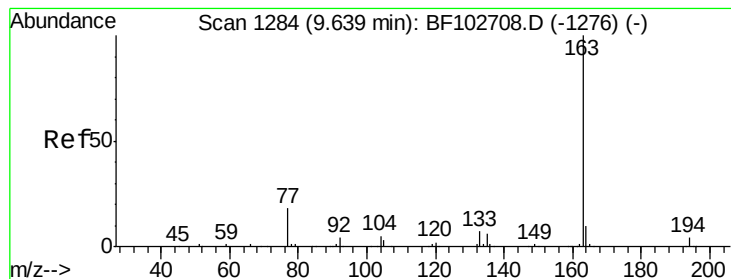
#47
 2-Nitroaniline
 Concen: 3.49 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Tgt 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





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102828.D

Acq: 7 Feb 2018 21:41

Instrument :

BNA_F

ClientSampleId :

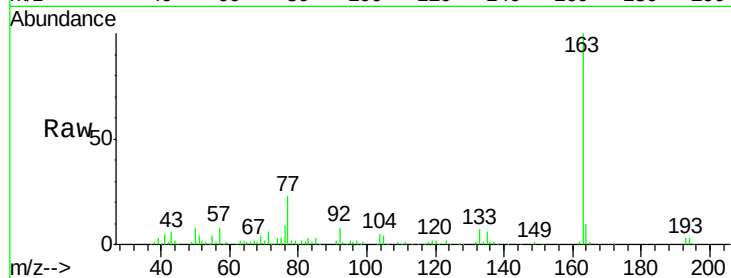
Tot Ion:163 Resp: 89700

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

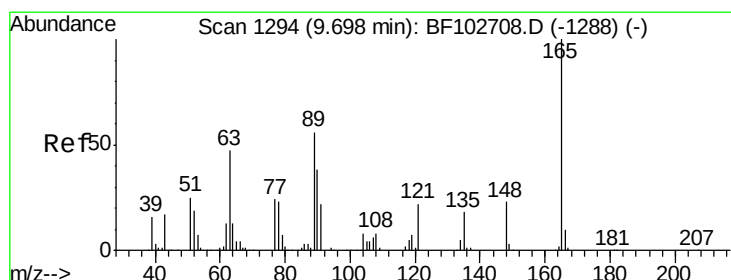
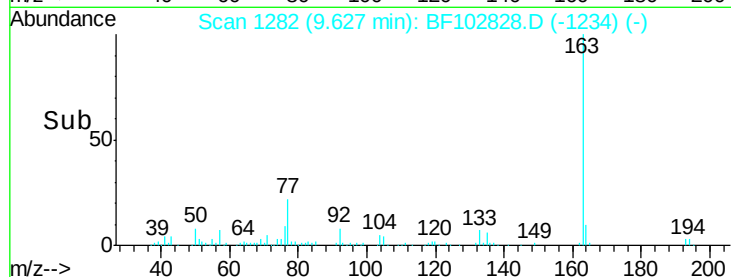
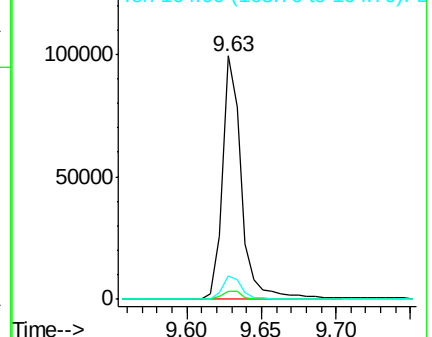
164 9.8 8.2 12.2



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: 8.94 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102828.D

Acq: 7 Feb 2018 21:41

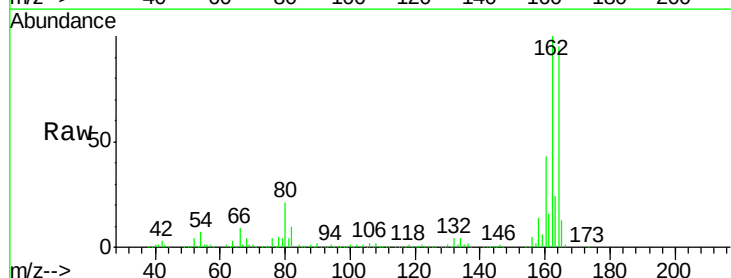
Tgt Ion:165 Resp: 41918

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

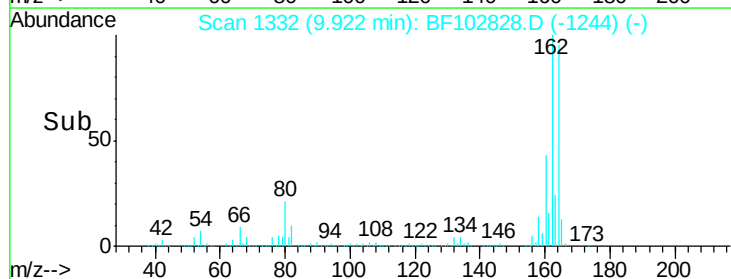
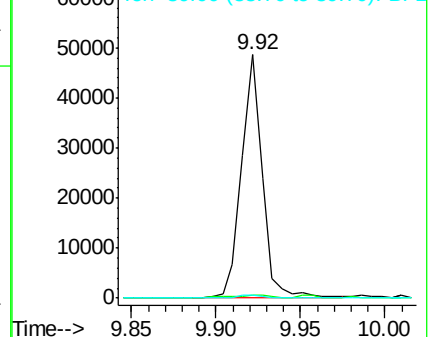
89 1.1 44.0 66.0#

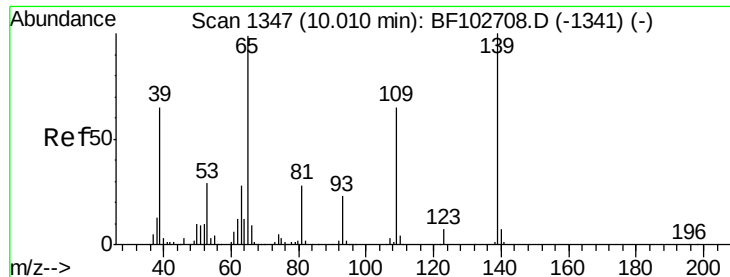


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

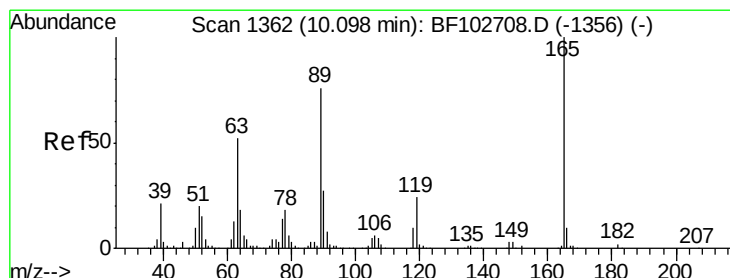
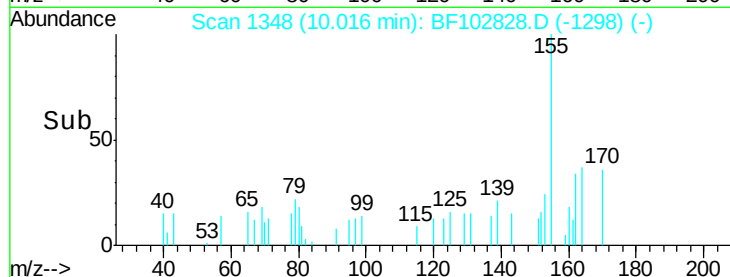
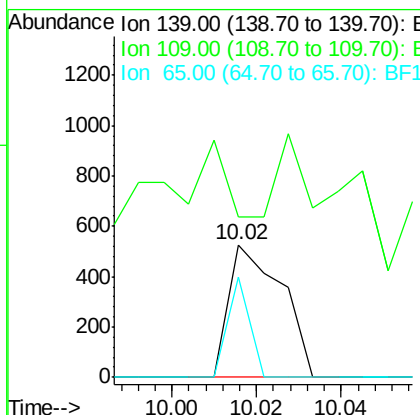
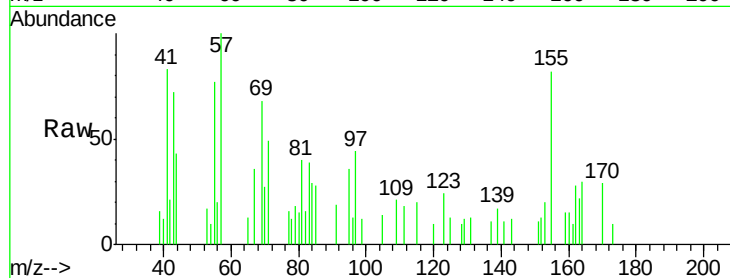




#55
4-Nitrophenol
Concen: 4.12 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

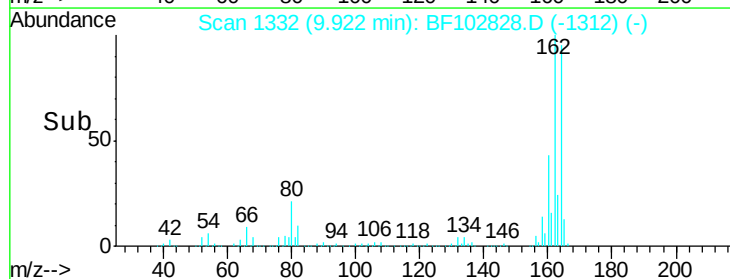
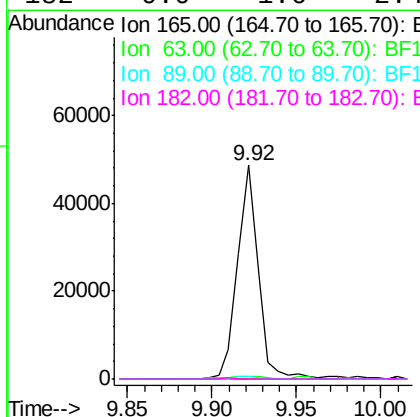
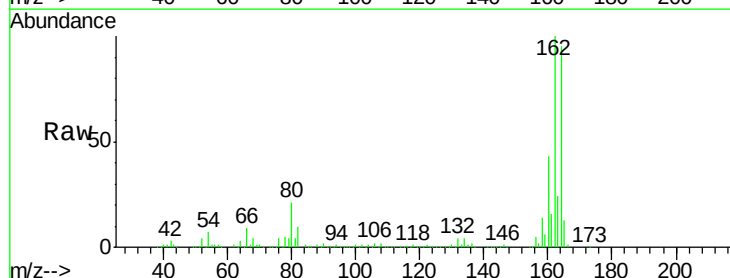
Instrument :
BNA_F
ClientSampled :

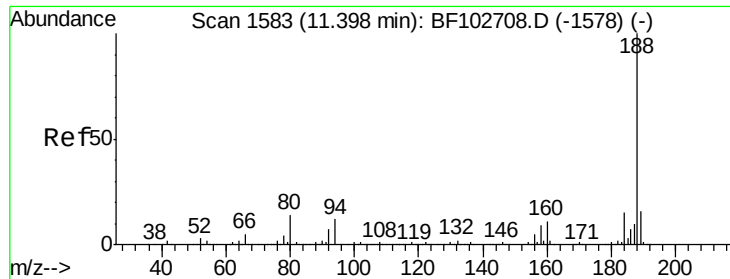
Tot Ion:139 Resp: 457
Ion Ratio Lower Upper
139 100
109 120.9 48.4 88.4#
65 75.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.31 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Tgt Ion:165 Resp: 41918
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

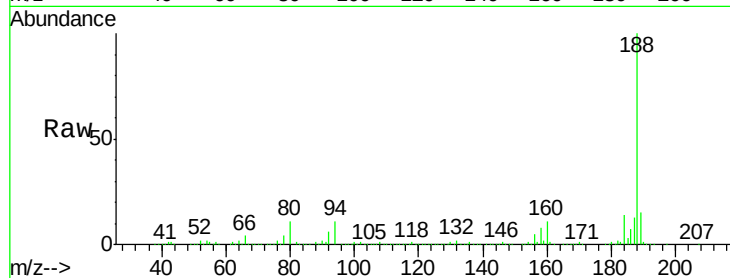




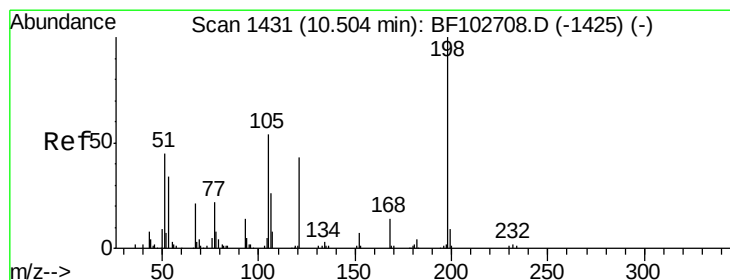
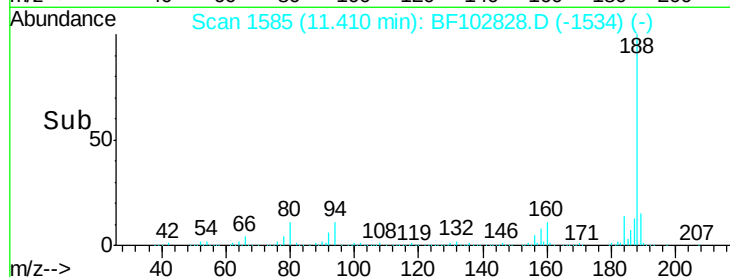
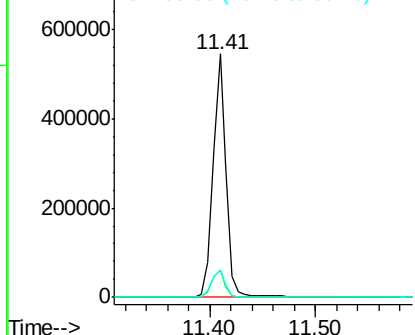
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 478024
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.5 9.2 13.8

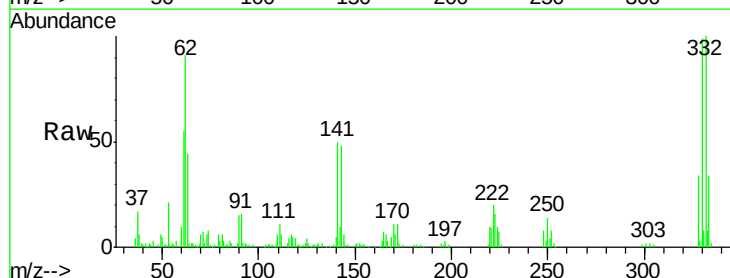


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

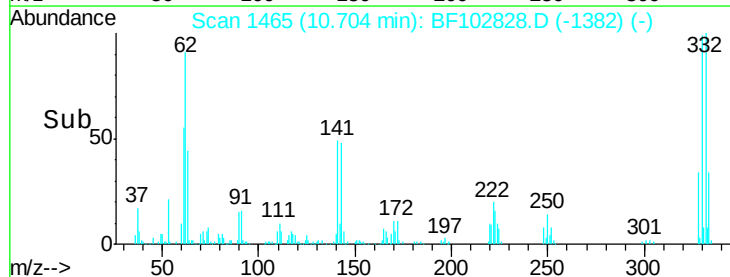
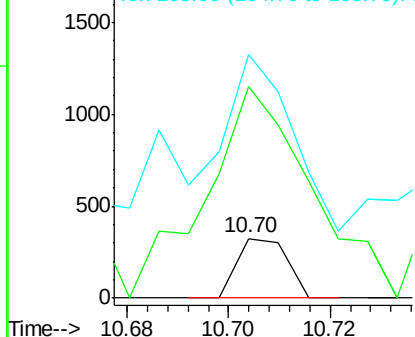


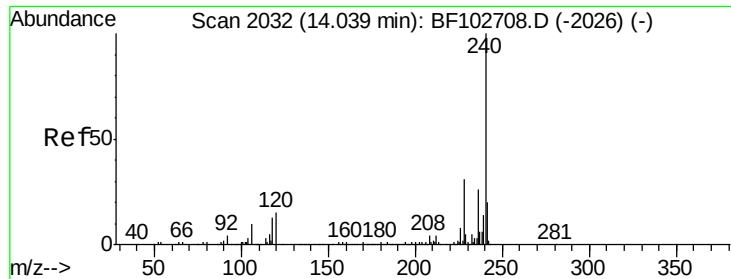
#64
4,6-Dinitro-2-methylphenol
Concen: 8.89 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF102828.D
Acq: 7 Feb 2018 21:41

Tgt Ion:198 Resp: 221
Ion Ratio Lower Upper
198 100
51 355.4 37.7 77.7#
105 407.7 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

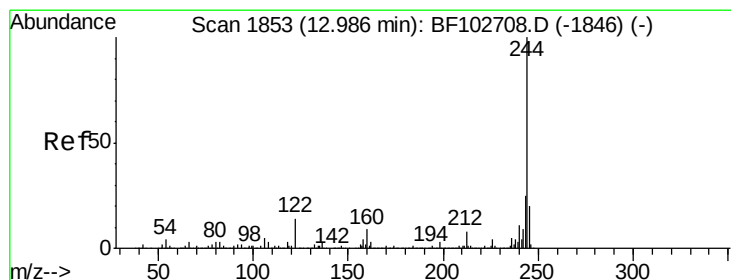
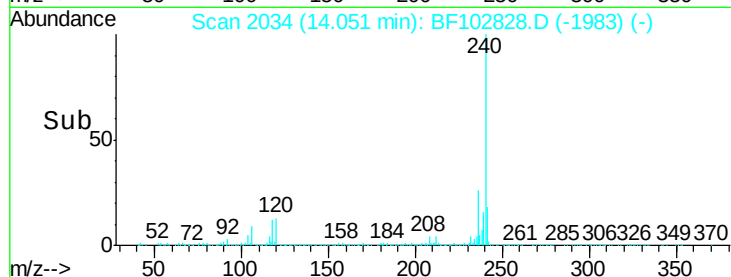
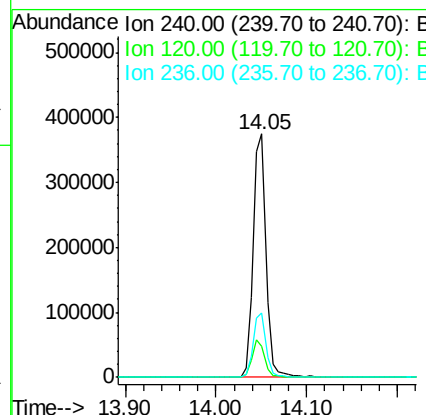
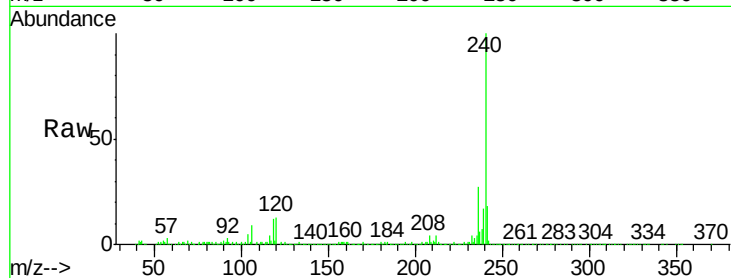




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

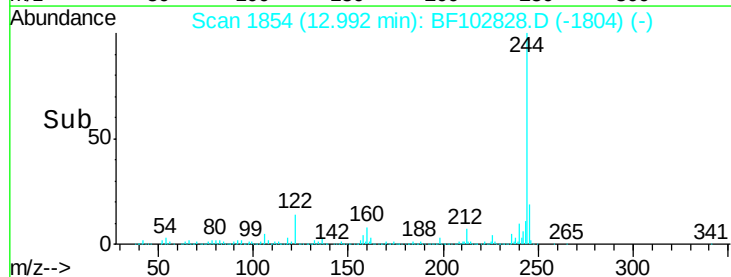
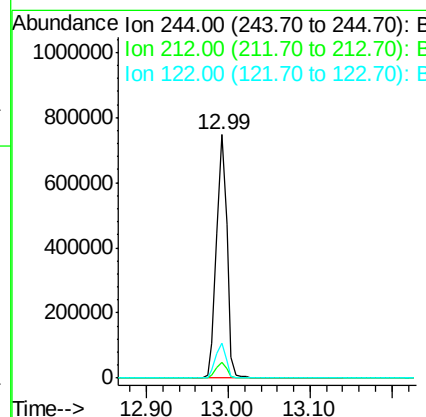
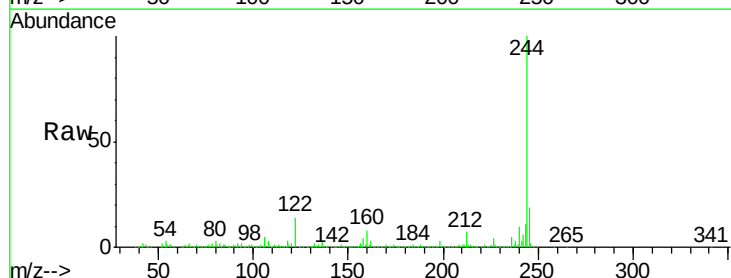
Instrument :
 BNA_F
 ClientSampled :

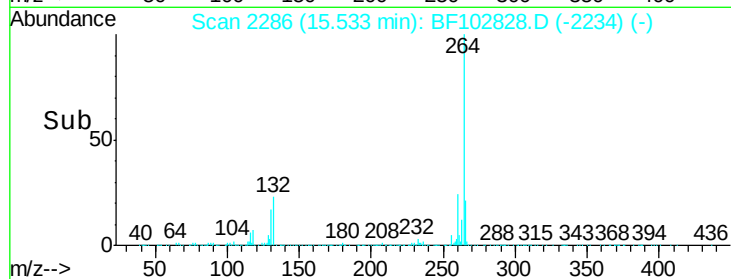
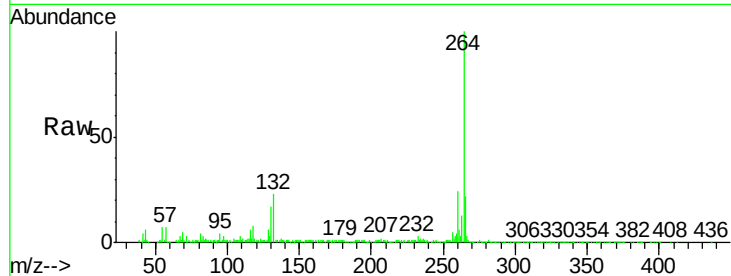
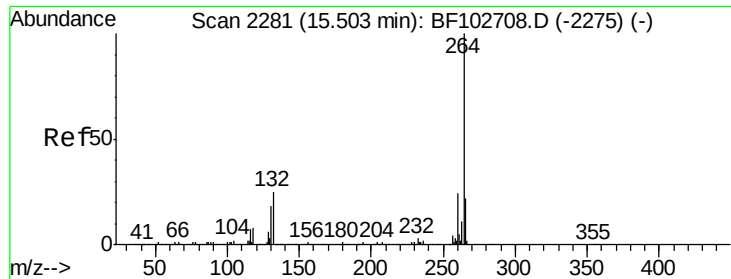
Tot Ion:240 Resp: 361419
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 26.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 43.63 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Tgt Ion:244 Resp: 665939
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.3 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102828.D
 Acq: 7 Feb 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	298920
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

