

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102507.D
 Acq On : 27 Jan 2018 13:44
 Operator : SJ/JU
 Sample : J1306-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC4

Quant Time: Jan 27 20:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

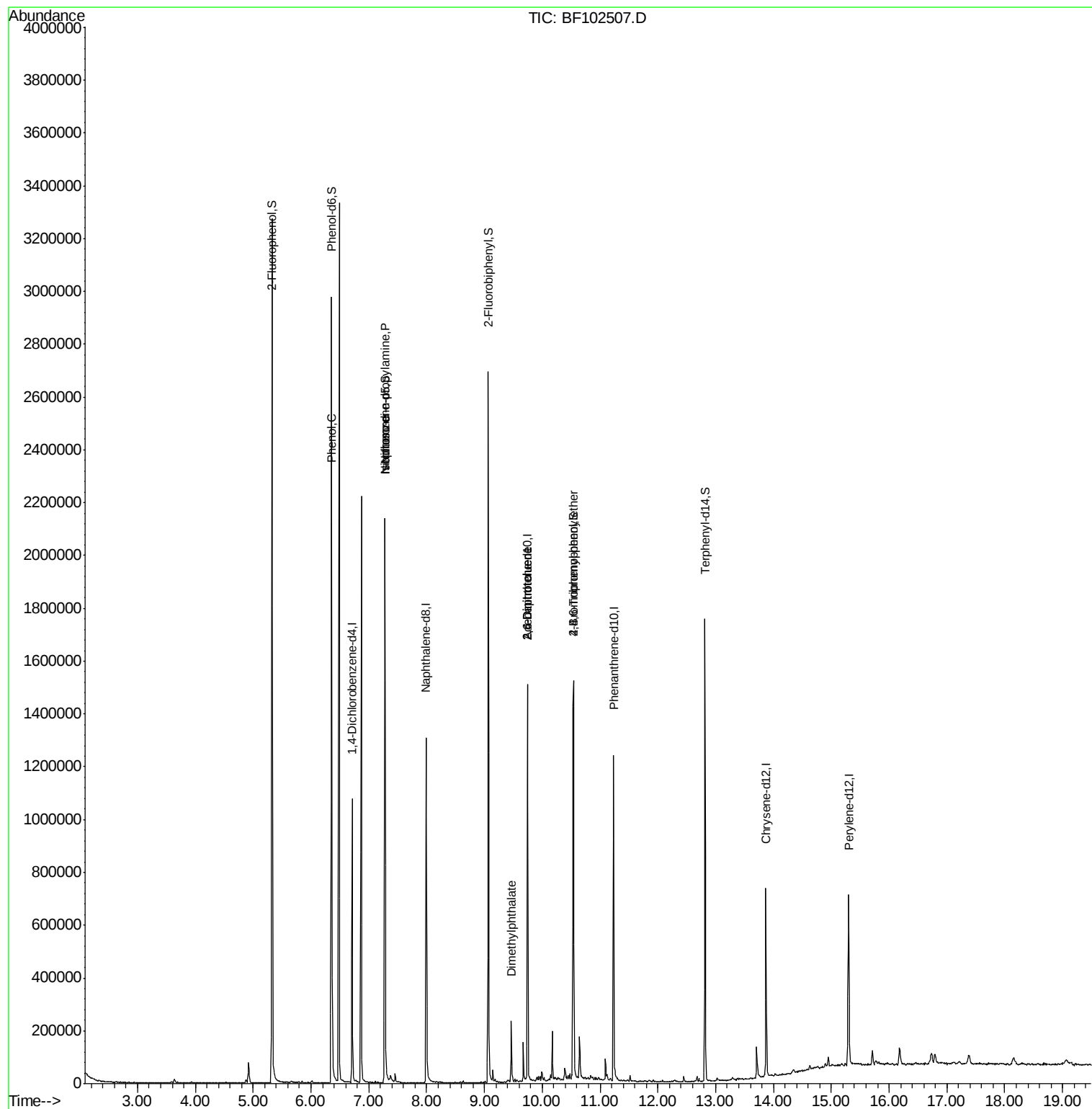
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157077	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	660831	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287397	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	447069	20.00	ng	0.00
75) Chrysene-d12	13.87	240	252556	20.00	ng	-0.01
86) Perylene-d12	15.30	264	278732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	981766	94.77	ng	0.00
7) Phenol-d6	6.36	99	1175347	94.11	ng	0.00
23) Nitrobenzene-d5	7.28	82	727789	63.29	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	181281	63.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	812237	41.55	ng	0.00
78) Terphenyl-d14	12.82	244	561116	50.09	ng	0.00
Target Compounds						
10) Phenol	6.37	94	40623	2.979	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	96349	12.606	ng	# 77
25) Isophorone	7.28	82	724110	35.322	ng	# 64
49) Dimethylphthalate	9.46	163	92366	3.888	ng	100
50) 2,6-Dinitrotoluene	9.75	165	36745	7.174	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36745	5.834	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12005	2.494	ng	# 1

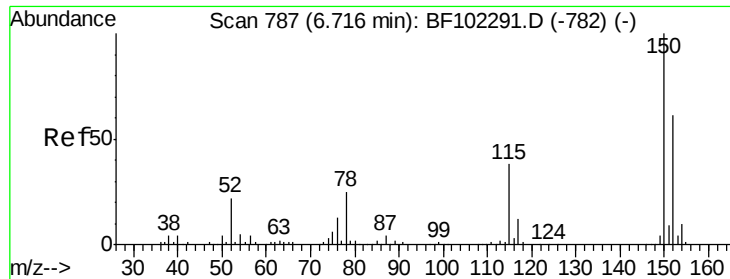
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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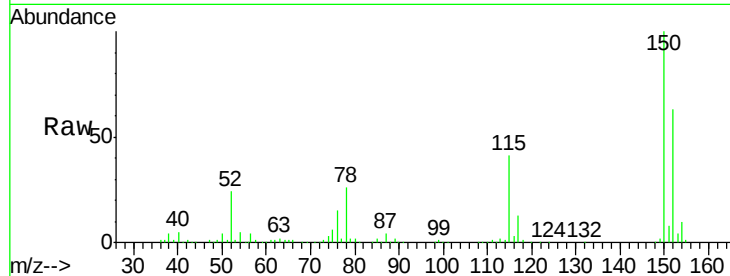


#1

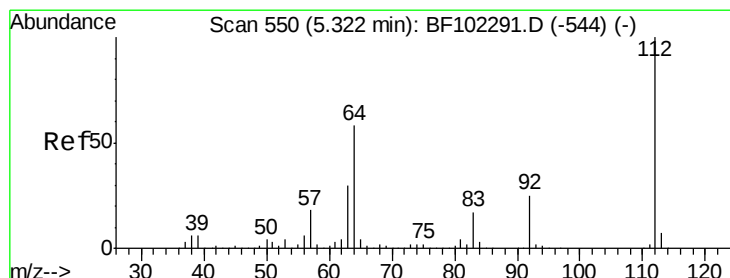
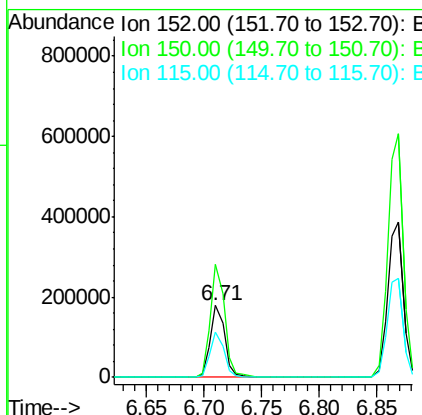
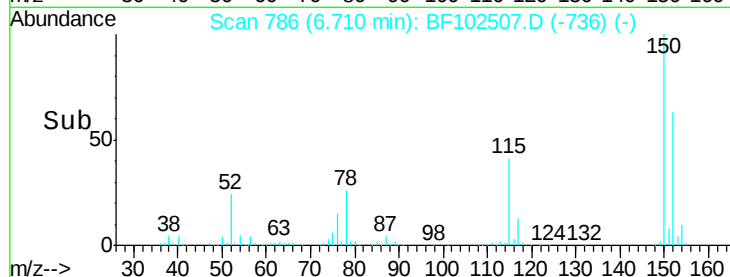
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 WC4

Tgt Ion:152 Resp: 157077
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 63.9 50.1 75.1



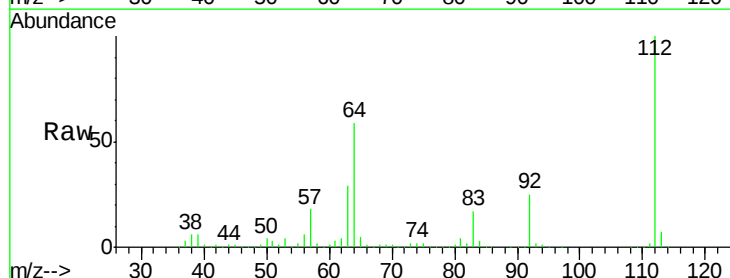
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



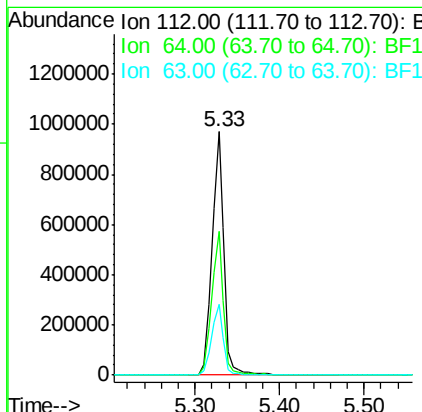
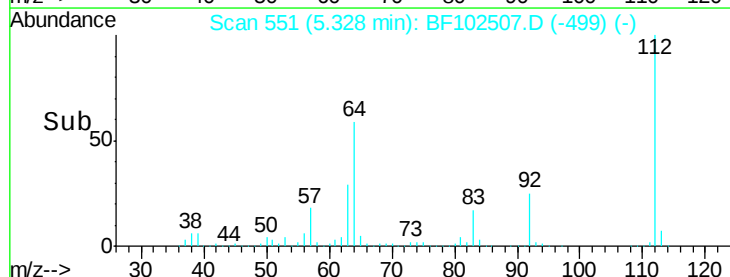
#5

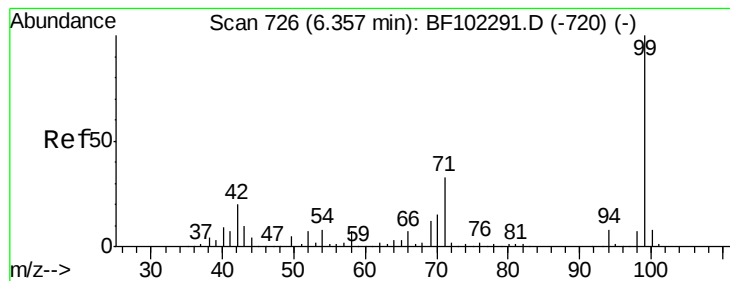
2-Fluorophenol
 Concen: 94.770 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

Tgt Ion:112 Resp: 981766
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 29.3 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: 94.108 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102507.D

Acq: 27 Jan 2018 13:44

Instrument :

BNA_F

ClientSampleId :

WC4

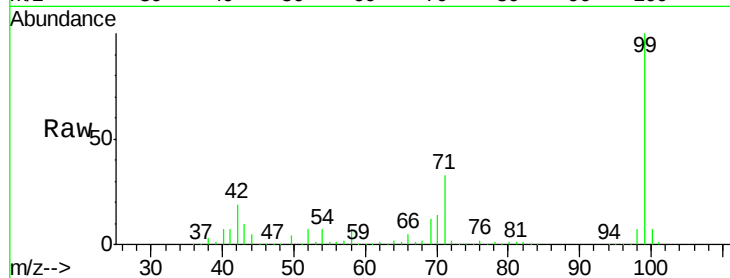
Tgt Ion: 99 Resp: 1175347

Ion Ratio Lower Upper

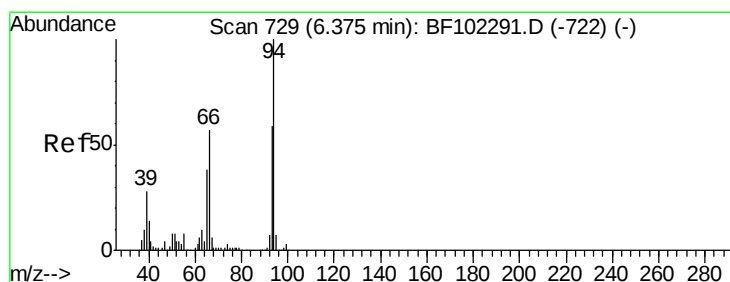
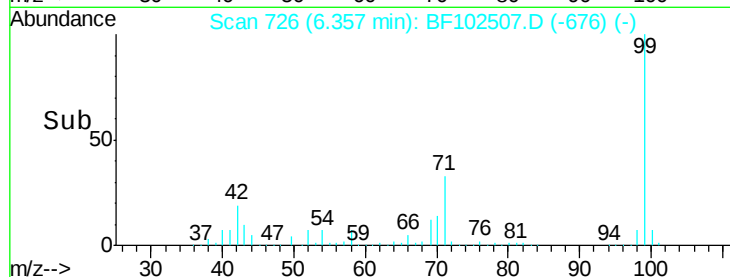
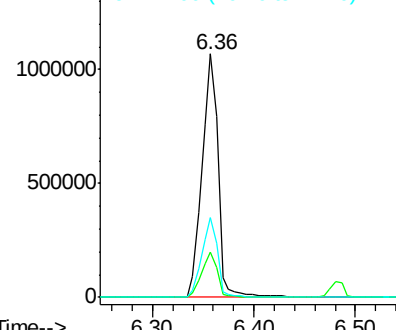
99 100

42 18.7 14.5 21.7

71 33.0 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: 2.979 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102507.D

Acq: 27 Jan 2018 13:44

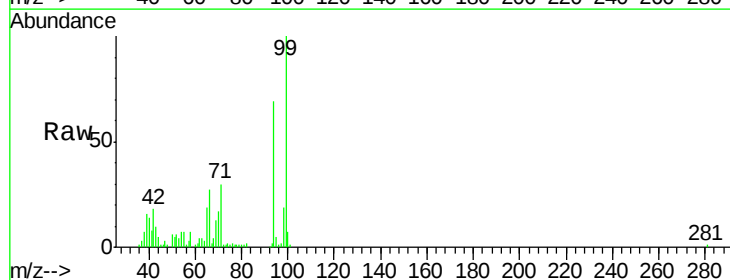
Tgt Ion: 94 Resp: 40623

Ion Ratio Lower Upper

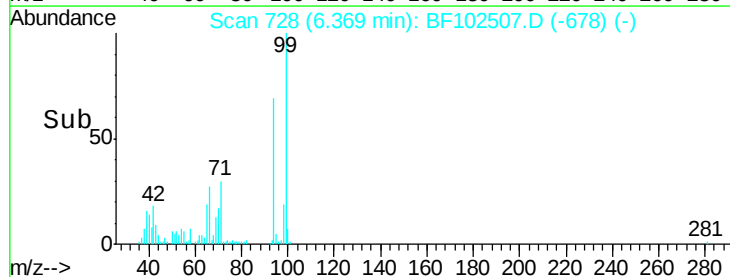
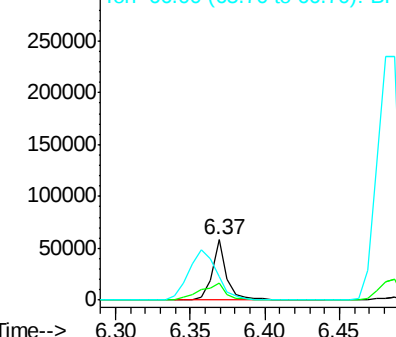
94 100

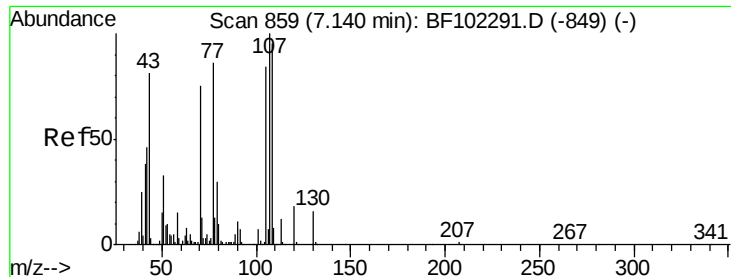
65 28.2 7.9 47.9

66 39.3 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

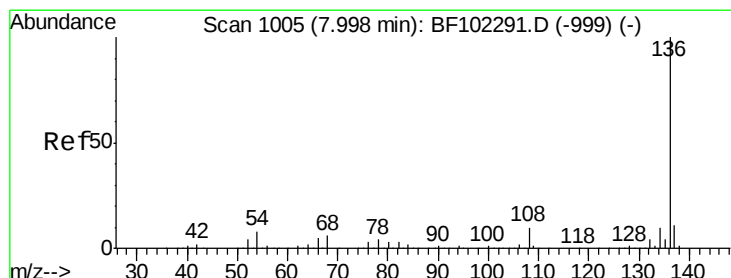
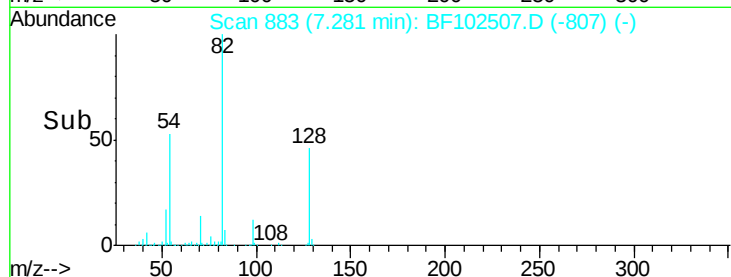
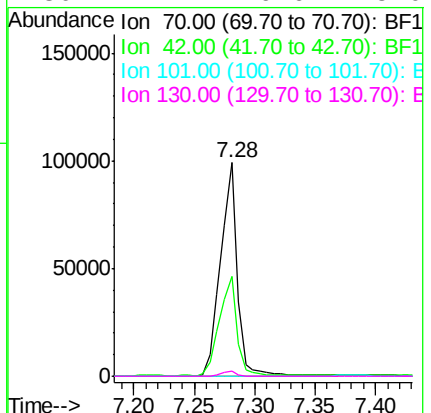
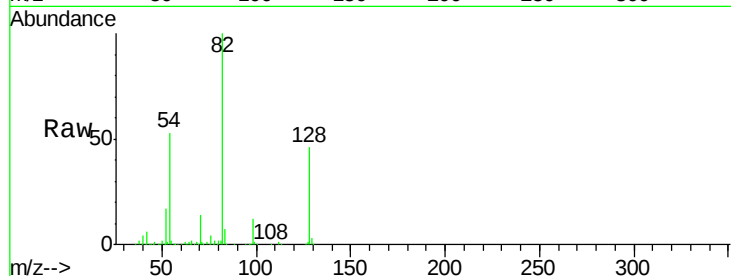




#19
n-Nitroso-di-n-propylamine
Concen: 12.606 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

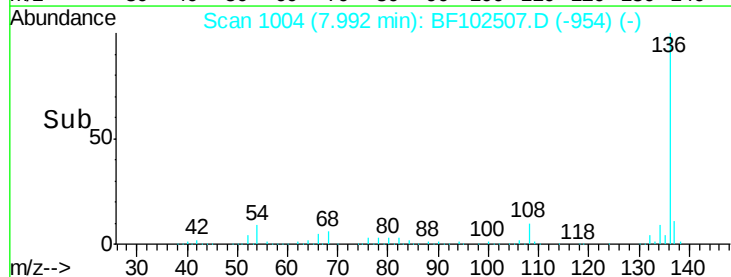
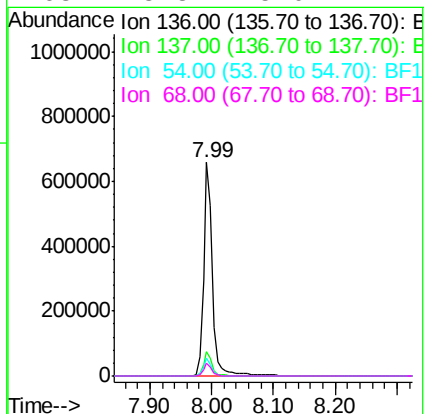
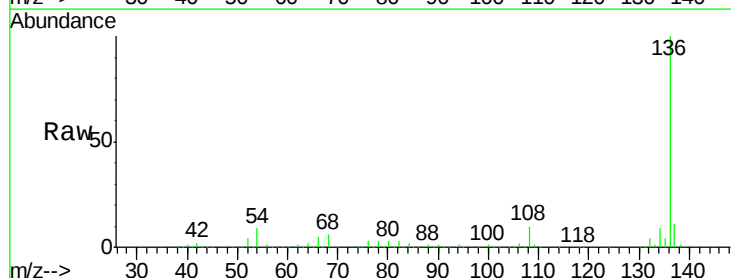
Instrument :
BNA_F
ClientSampled :
WC4

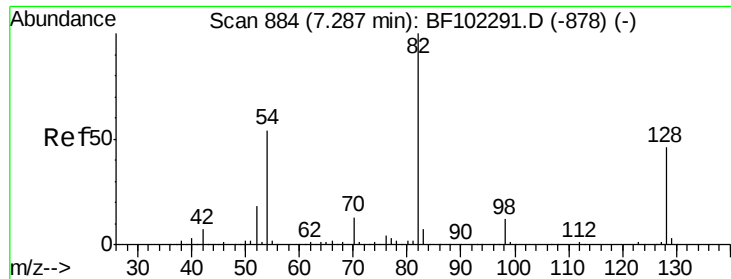
Tgt Ion: 70 Resp: 96349
Ion Ratio Lower Upper
70 100
42 46.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Tgt Ion: 136 Resp: 660831
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.7 6.6 9.8
68 5.8 5.0 7.4

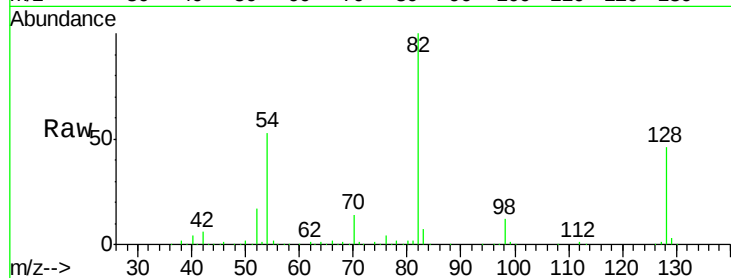




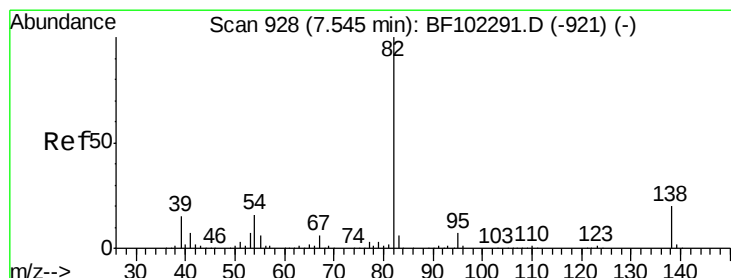
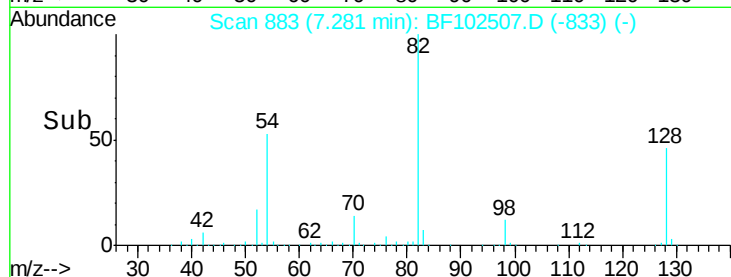
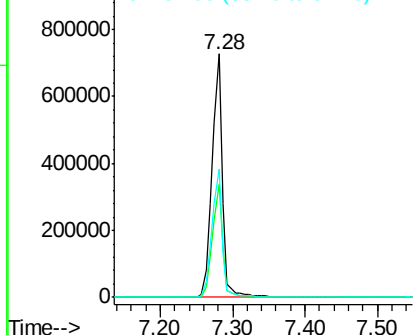
#23
 Nitrobenzene-d5
 Concen: 63.290 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 WC4

Tgt Ion: 82 Resp: 727789
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 52.8 41.4 62.2

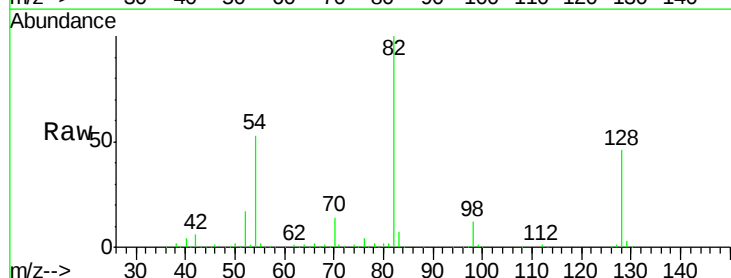


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

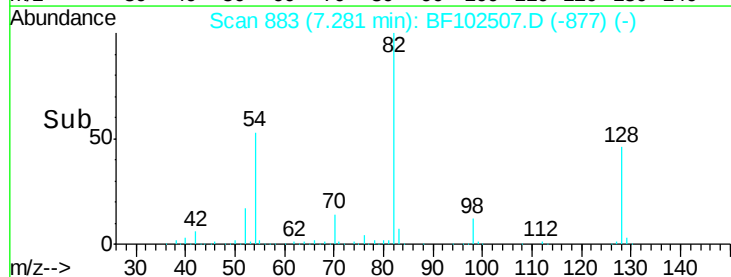
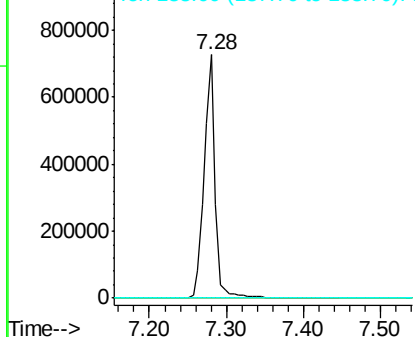


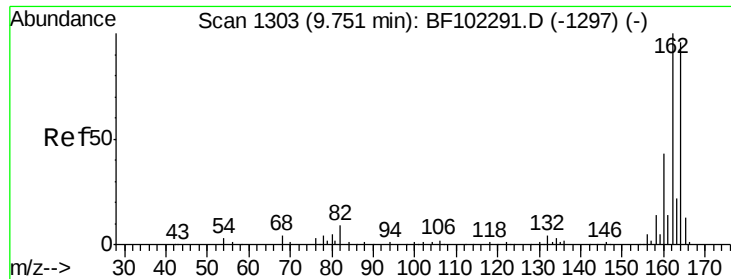
#25
 Isophorone
 Concen: 35.322 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

Tgt Ion: 82 Resp: 724110
 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

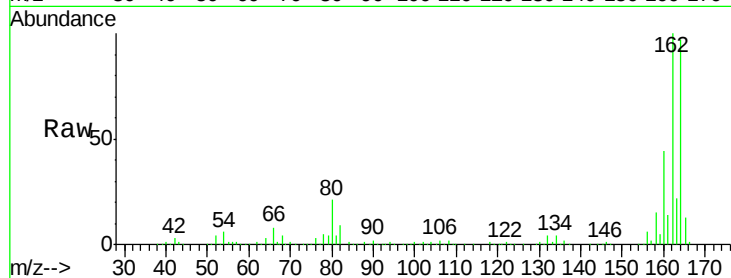




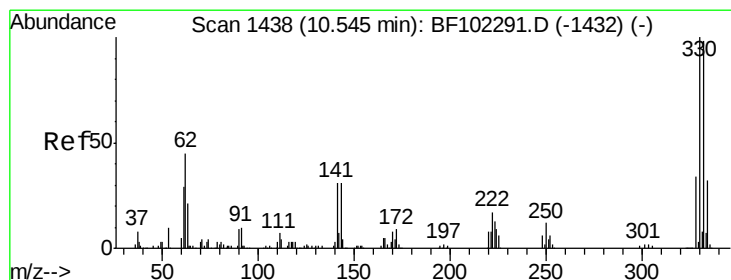
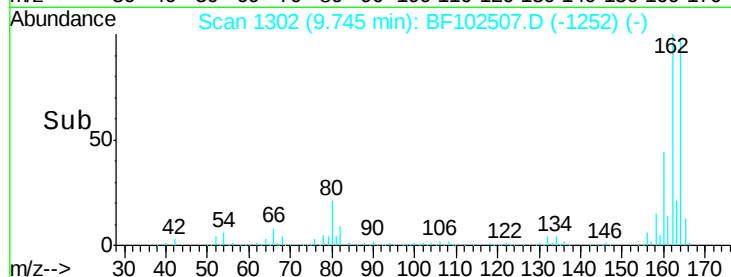
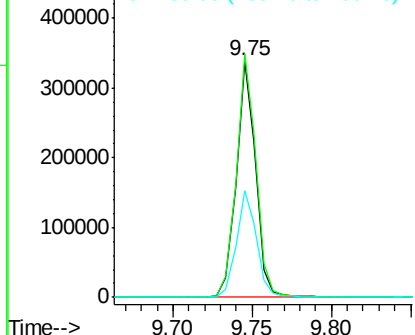
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Instrument :
BNA_F
ClientSampleId :
WC4

Tgt Ion:164 Resp: 287397
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.3 38.3 57.5

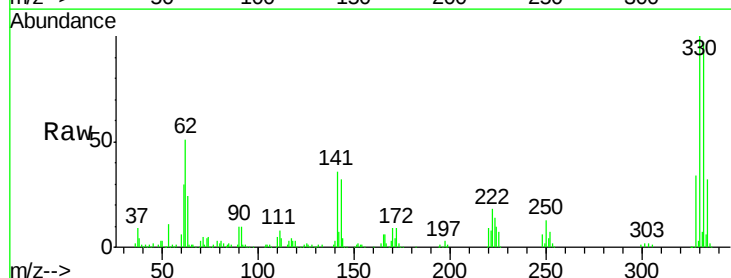


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

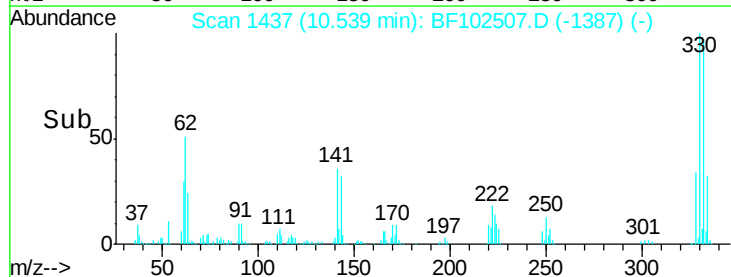
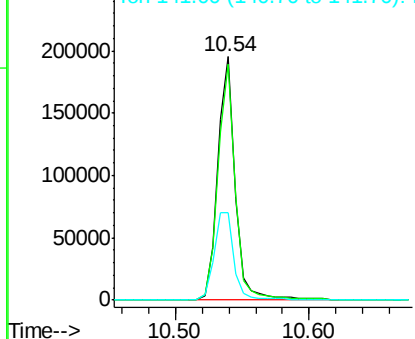


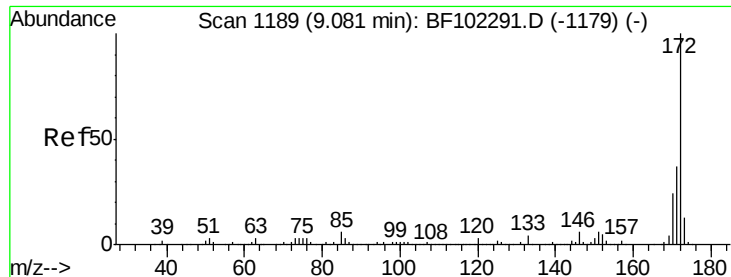
#41
2,4,6-Tribromophenol
Concen: 63.659 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Tgt Ion:330 Resp: 181281
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 41.2 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

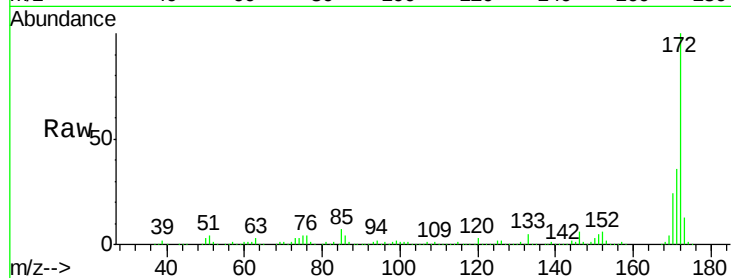




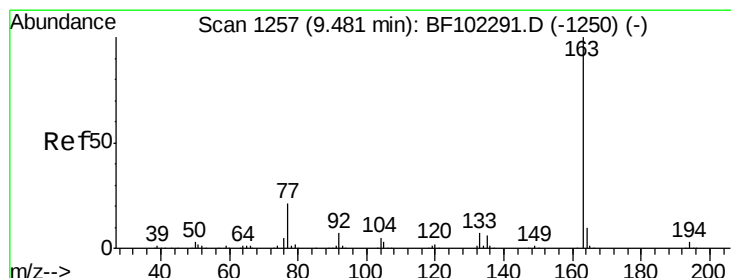
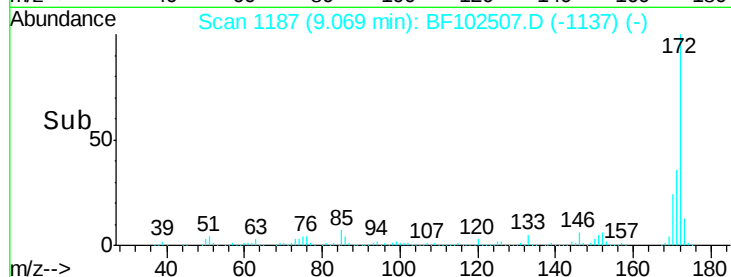
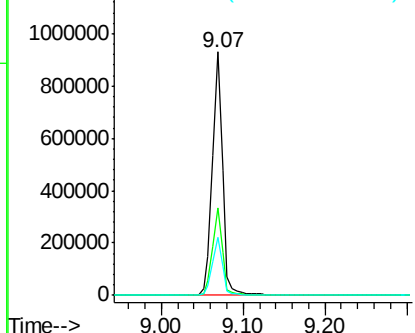
#44
2-Fluorobiphenyl
Concen: 41.555 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Instrument :
BNA_F
ClientSampleId :
WC4

Tgt Ion:172 Resp: 812237
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4

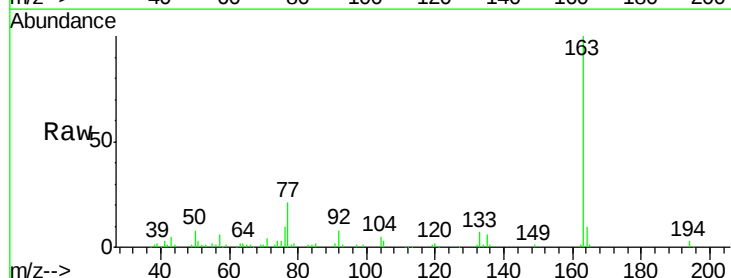


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

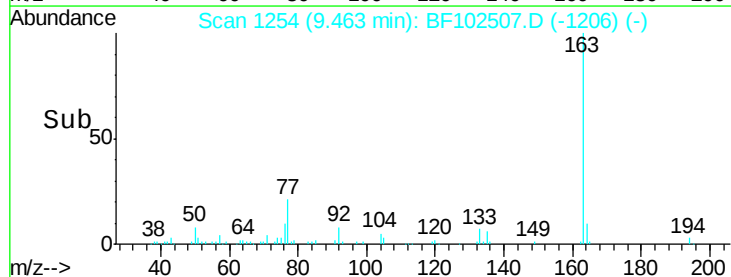
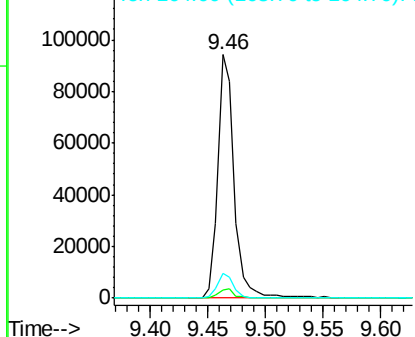


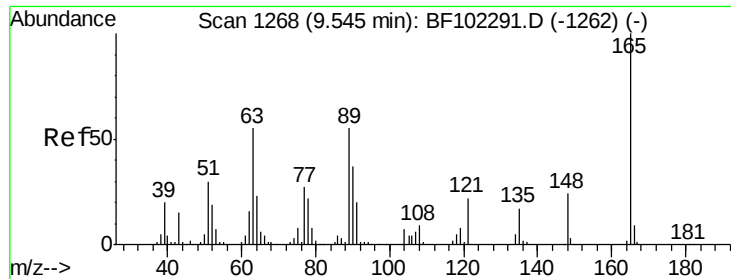
#49
Dimethylphthalate
Concen: 3.888 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Tgt Ion:163 Resp: 92366
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 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

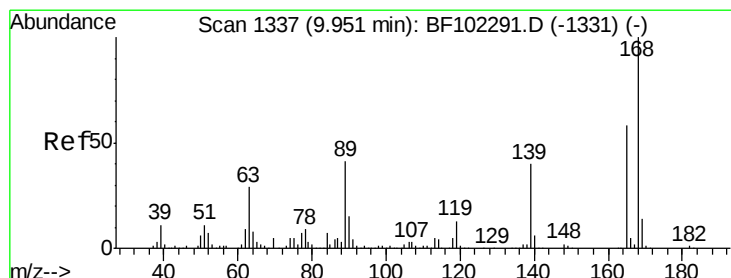
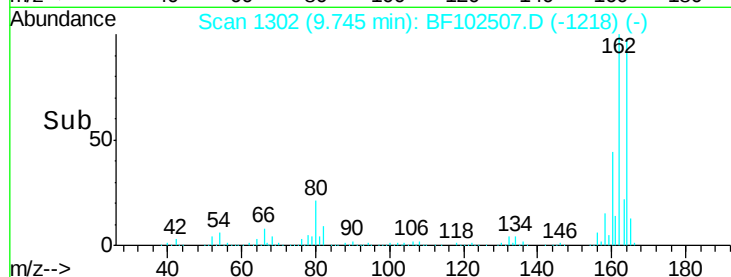
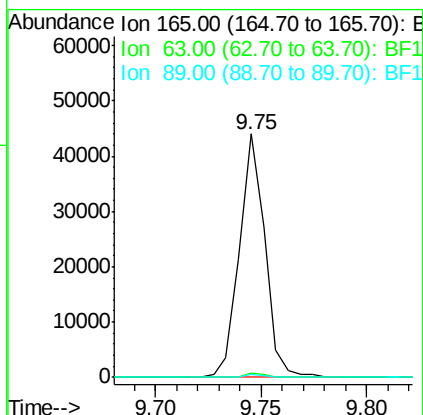
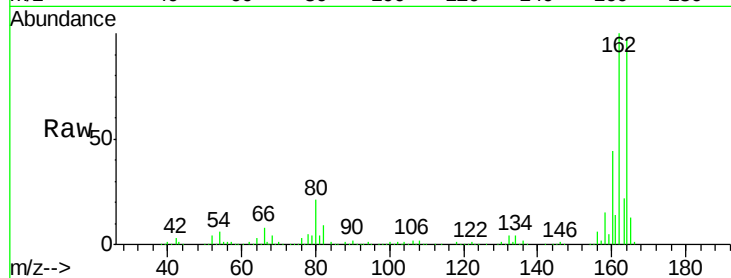




#50
 2,6-Dinitrotoluene
 Concen: 7.174 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

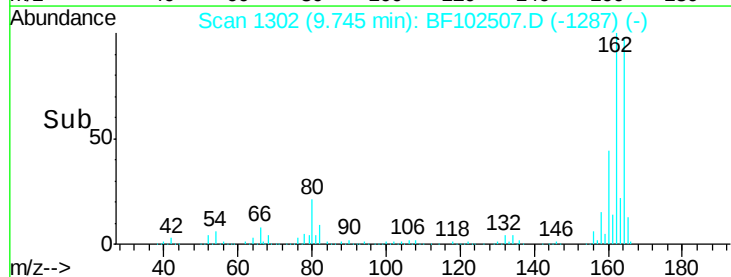
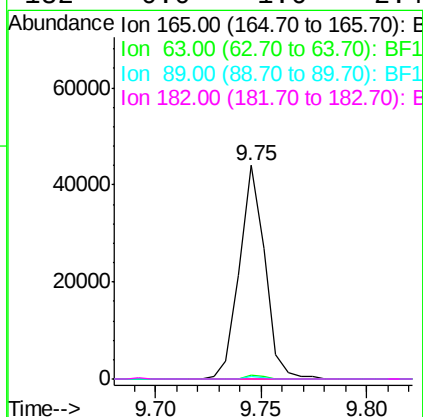
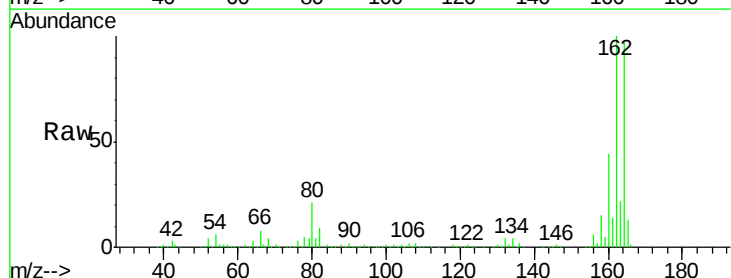
Instrument :
 BNA_F
 ClientSampleId :
 WC4

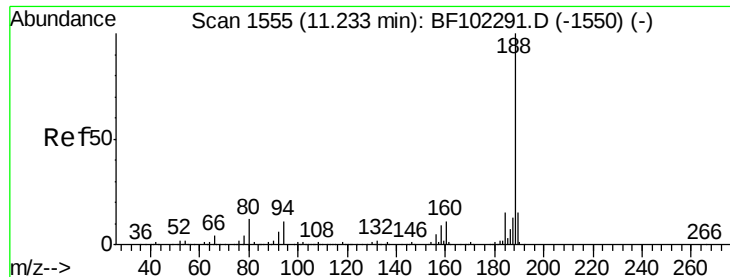
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.834 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102507.D
 Acq: 27 Jan 2018 13:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

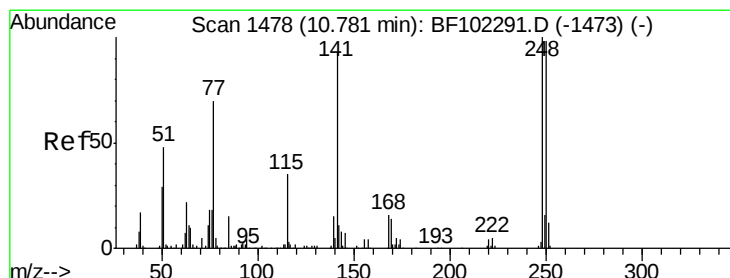
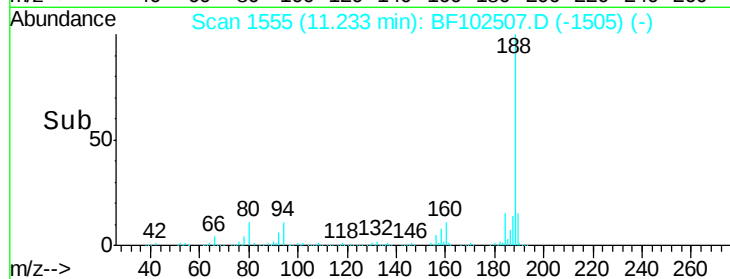
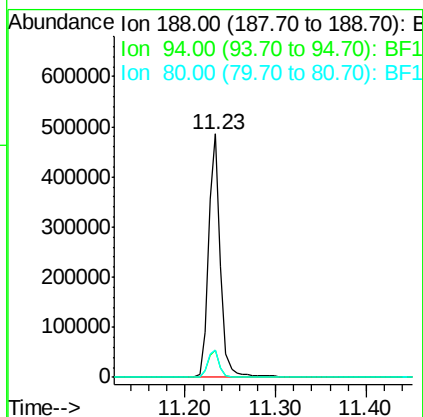
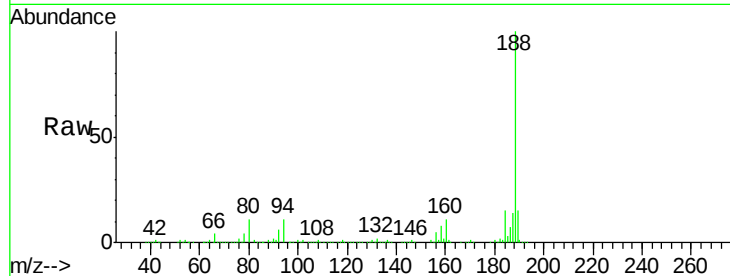




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

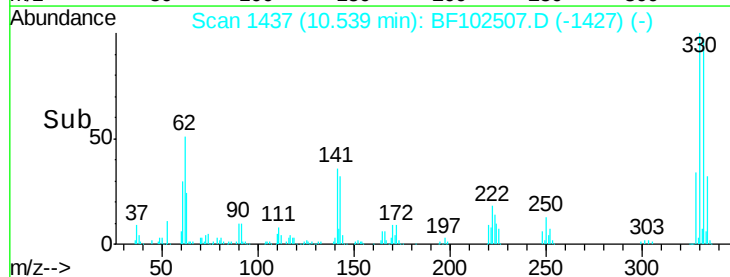
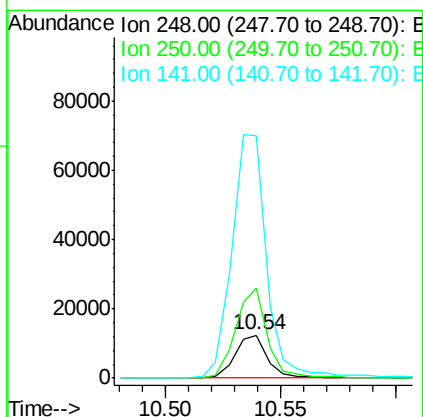
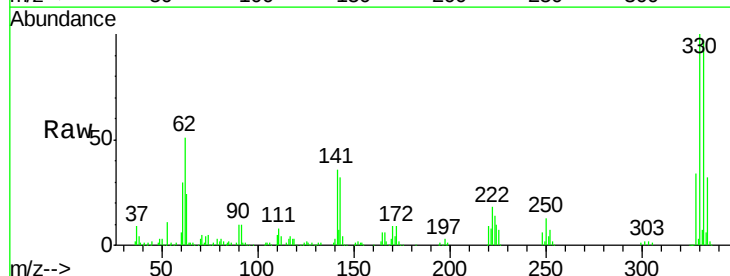
Instrument :
BNA_F
ClientSampleId :
WC4

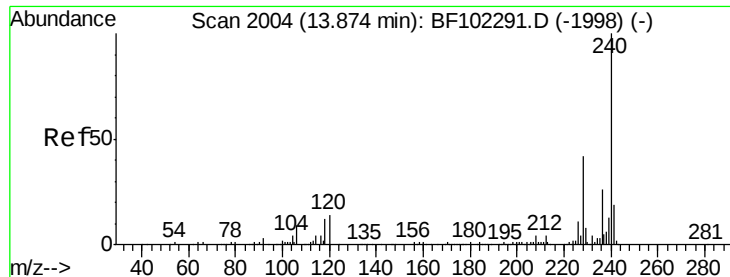
Tgt Ion:188 Resp: 447069
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.494 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Tgt Ion:248 Resp: 12005
Ion Ratio Lower Upper
248 100
250 210.0 76.9 115.3#
141 563.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102507.D

Acq: 27 Jan 2018 13:44

Instrument :

BNA_F

ClientSampleId :

WC4

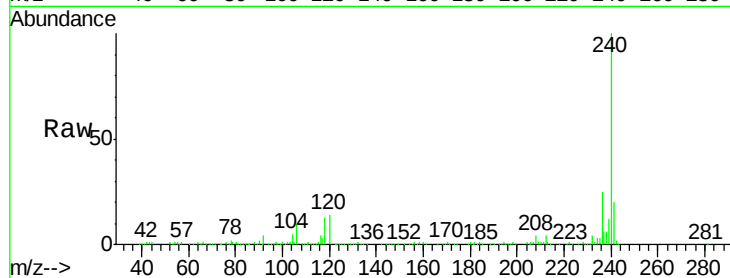
Tgt Ion:240 Resp: 252556

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

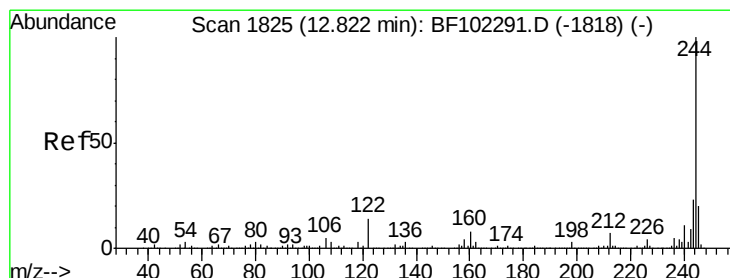
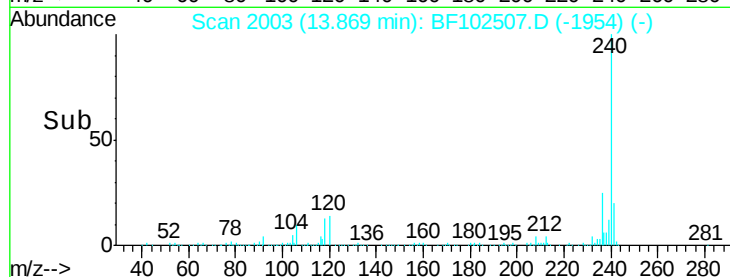
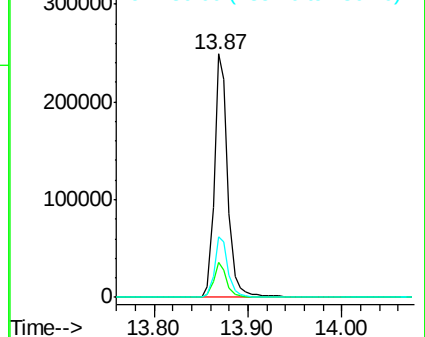
236 24.6 20.7 31.1



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: 50.086 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102507.D

Acq: 27 Jan 2018 13:44

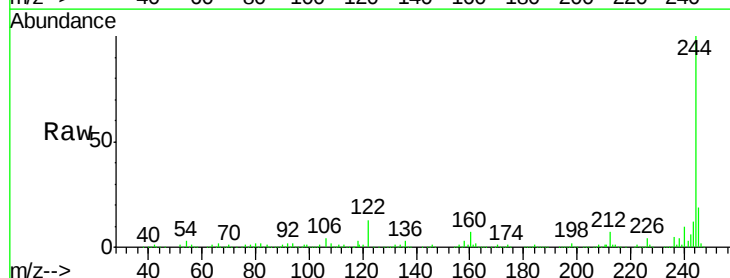
Tgt Ion:244 Resp: 561116

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

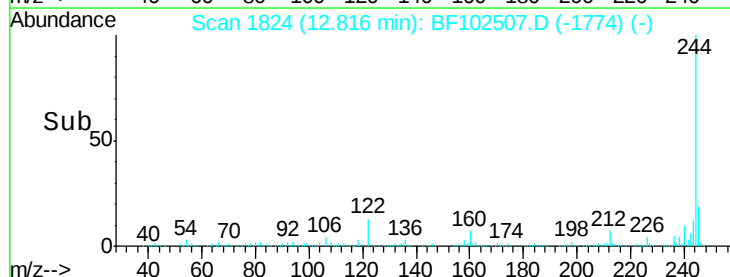
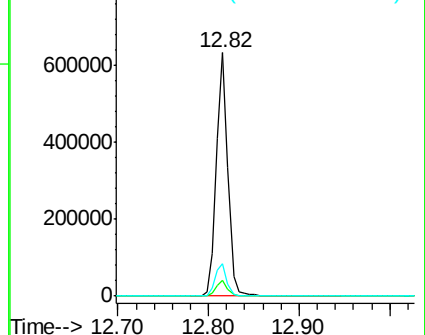
122 13.5 11.0 16.4

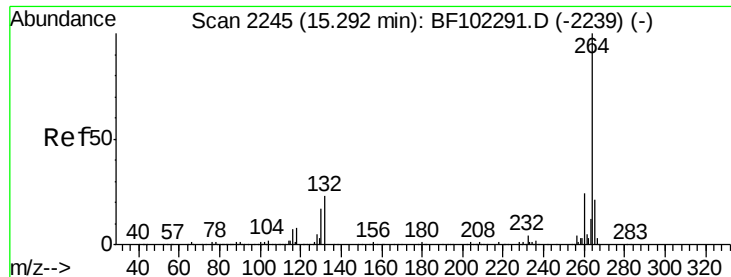


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

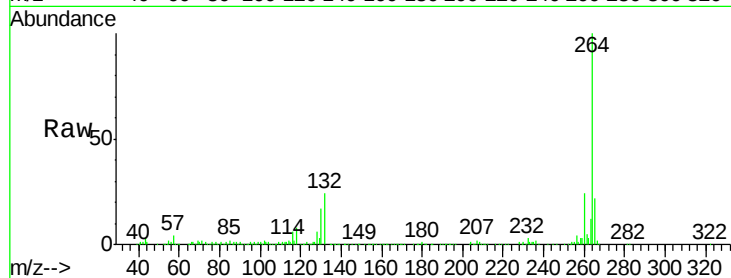




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102507.D
Acq: 27 Jan 2018 13:44

Instrument :
BNA_F
ClientSampleId :
WC4

Tgt Ion: 264 Resp: 278732
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 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

