

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102362.D
 Acq On : 24 Jan 2018 00:28
 Operator : SJ/JU
 Sample : J1248-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:31:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

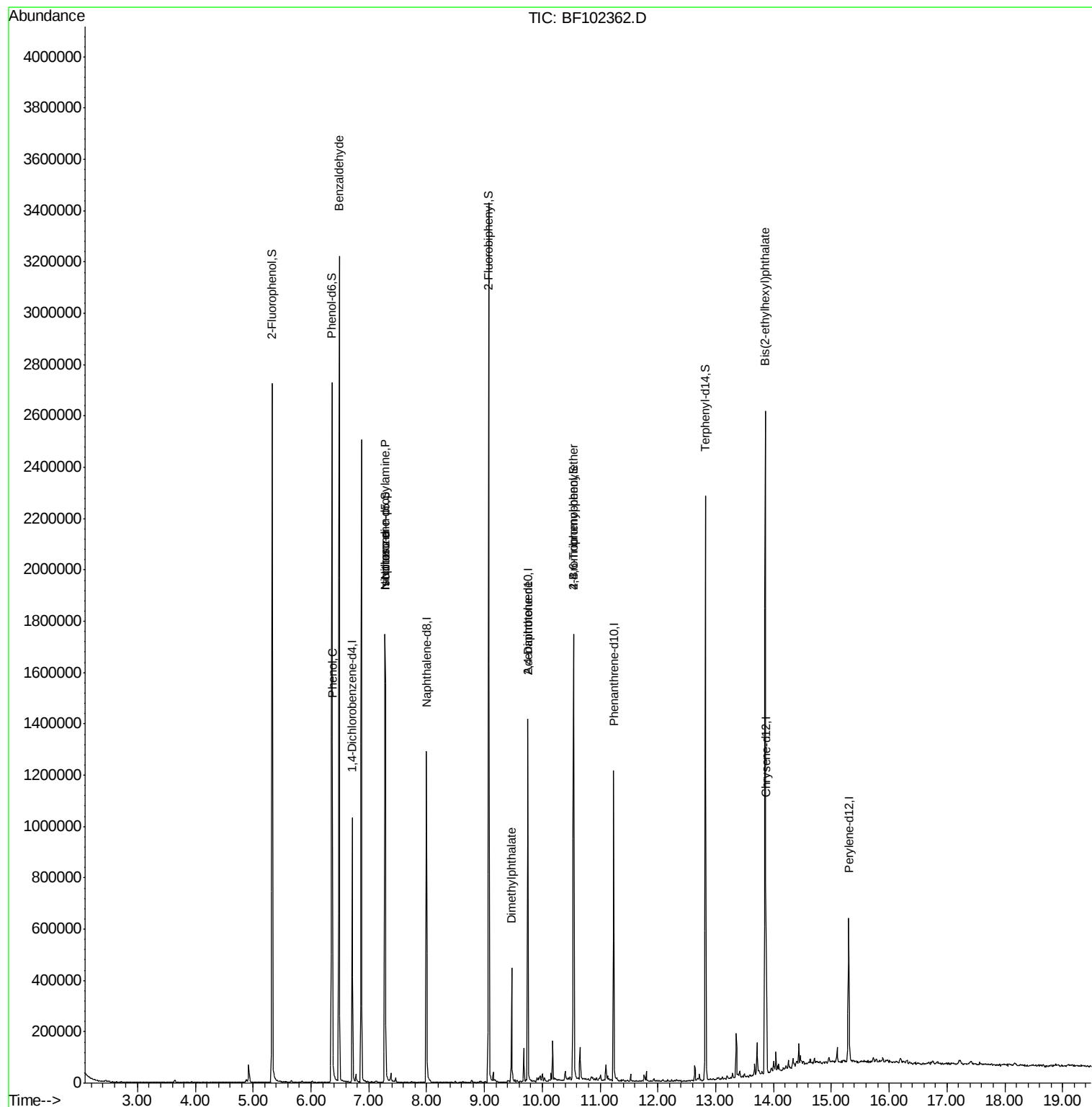
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145398	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	598601	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262954	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	412576	20.00	ng	0.00
75) Chrysene-d12	13.87	240	281001	20.00	ng	0.00
86) Perylene-d12	15.30	264	237717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	880884	91.86	ng	0.00
7) Phenol-d6	6.36	99	1063371	91.98	ng	0.00
23) Nitrobenzene-d5	7.28	82	661327	63.49	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	201916	77.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1062985	59.44	ng	0.00
78) Terphenyl-d14	12.82	244	752964	60.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	19037	2.394	ng	82
10) Phenol	6.37	94	30480	2.415	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	88522	12.512	ng	# 82
25) Isophorone	7.28	82	647574	34.872	ng	# 64
49) Dimethylphthalate	9.47	163	175375	8.069	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32288	5.603	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14481	3.260	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	686297	47.233	ng	# 99

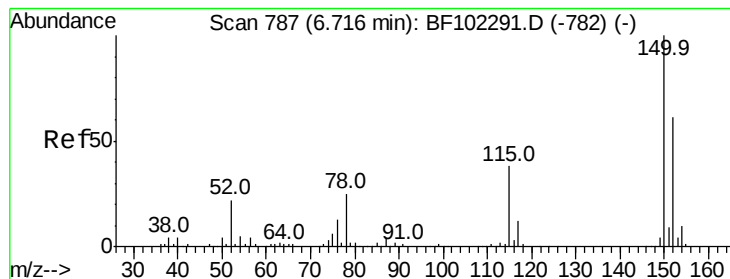
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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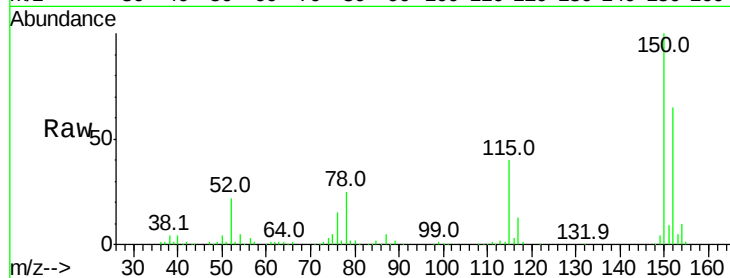


#1

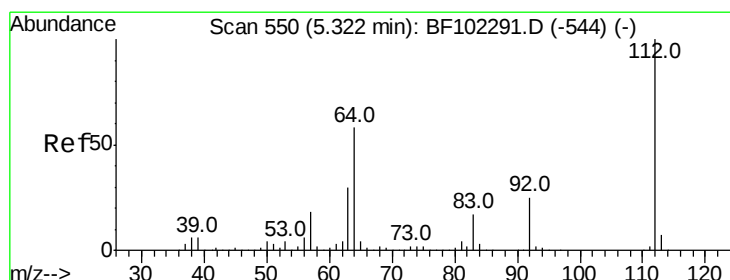
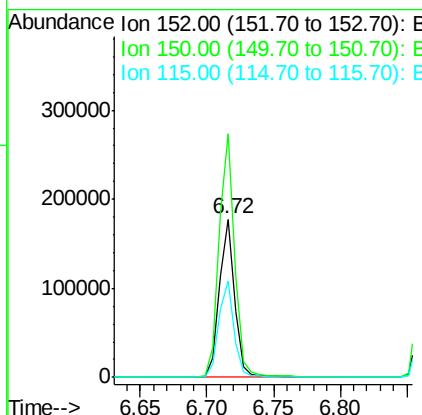
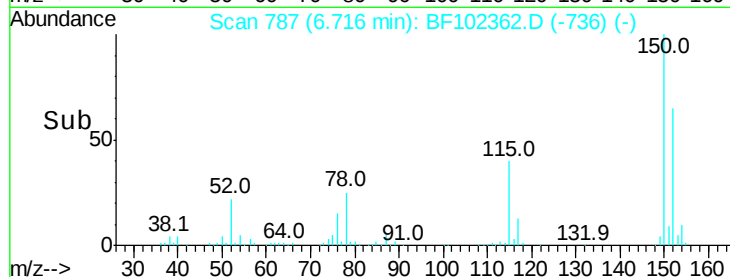
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145398
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.0 50.1 75.1



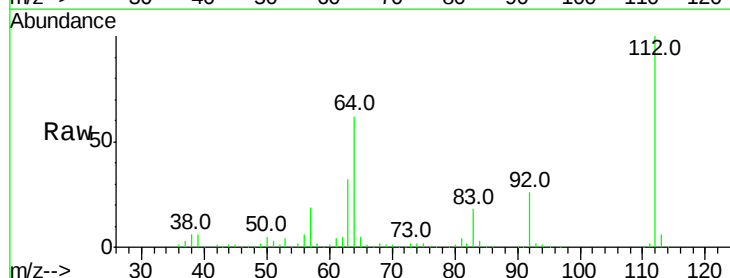
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



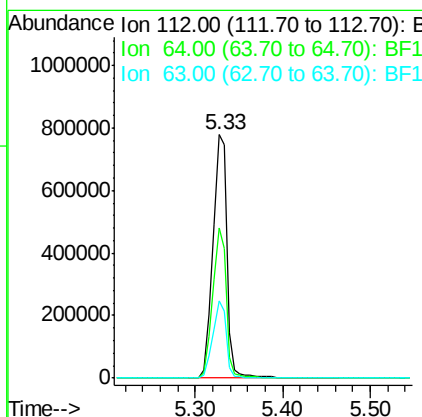
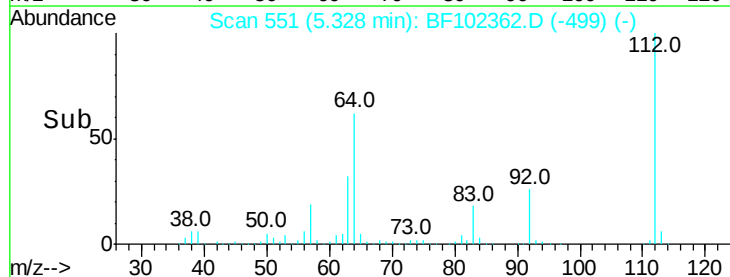
#5

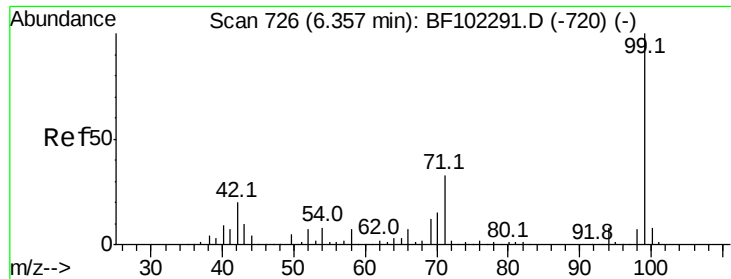
2-Fluorophenol
Concen: 91.862 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

Tgt Ion:112 Resp: 880884
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.5 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: 91.981 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

Instrument :

BNA_F

ClientSampleId :

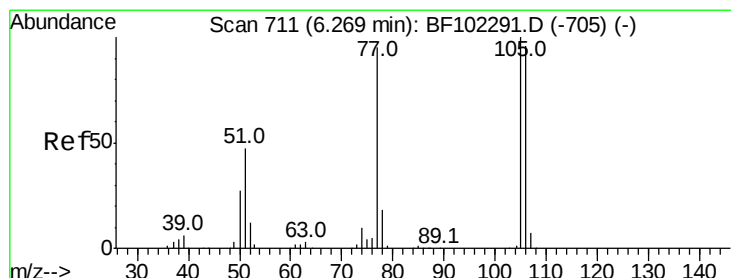
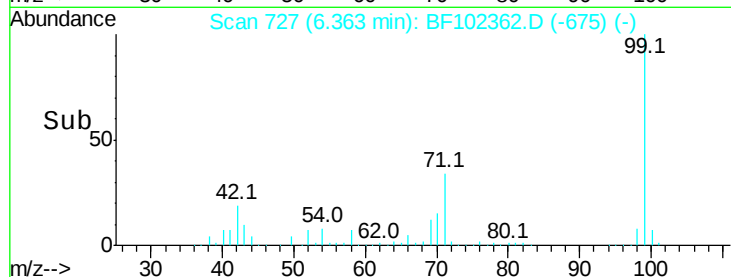
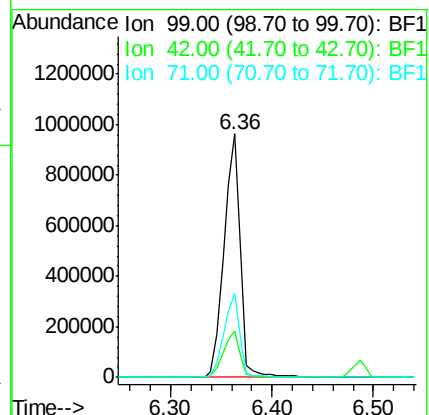
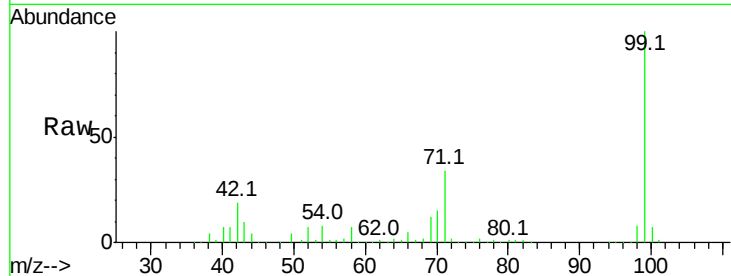
Tot Ion: 99 Resp: 1063371

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 34.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.394 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

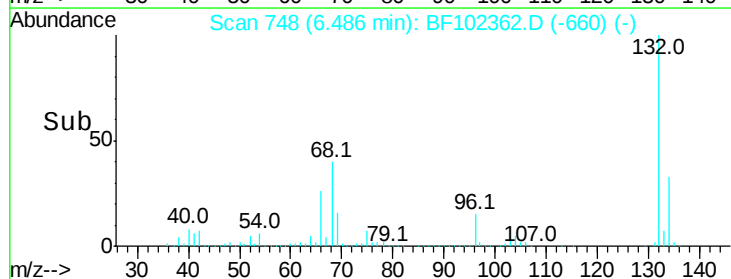
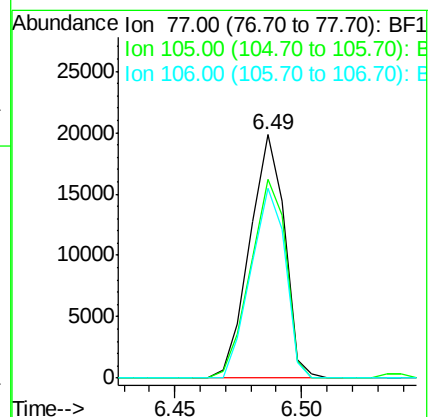
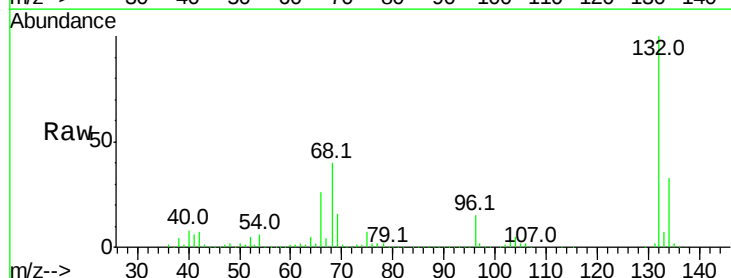
Tgt Ion: 77 Resp: 19037

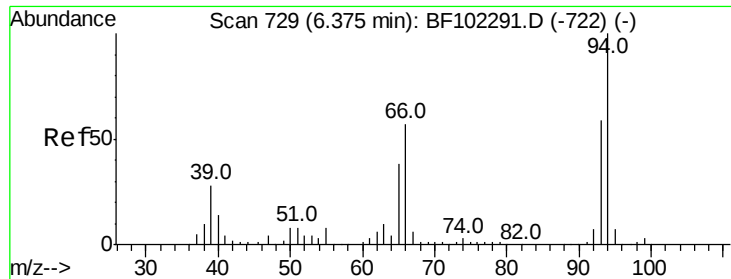
Ion Ratio Lower Upper

77 100

105 81.6 81.1 121.1

106 77.7 74.5 114.5





#10

Phenol

Concen: 2.415 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

Instrument :

BNA_F

ClientSampleId :

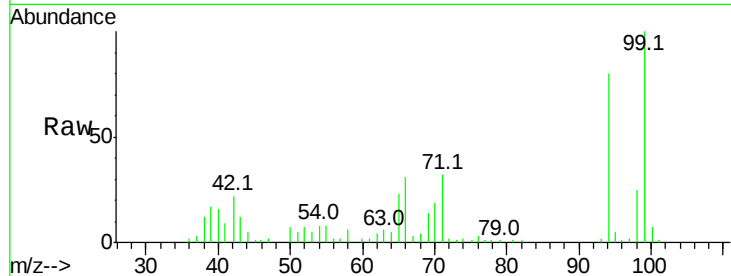
Tot Ion: 94 Resp: 30480

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

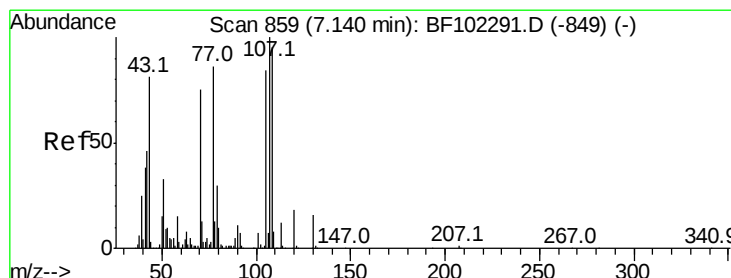
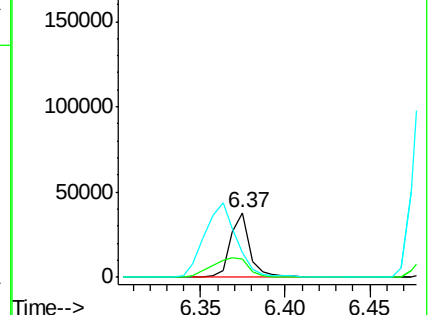
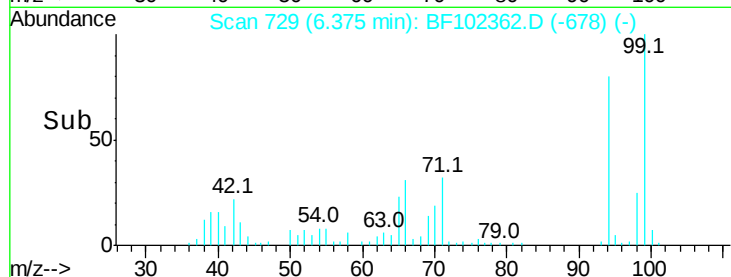
66 38.9 16.2 56.2



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: 12.512 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

Tgt Ion: 70 Resp: 88522

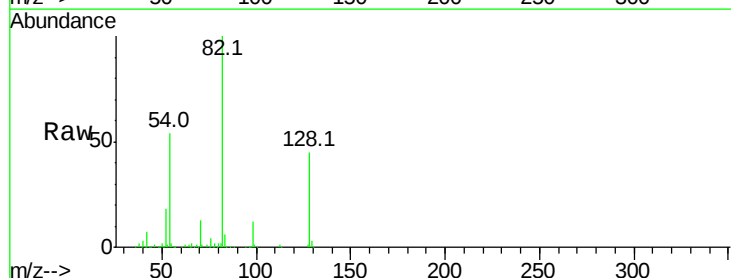
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

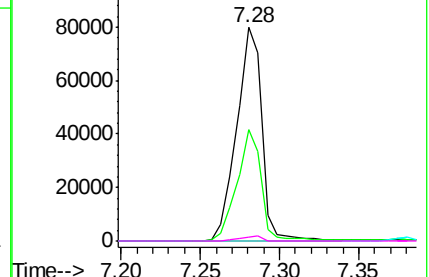
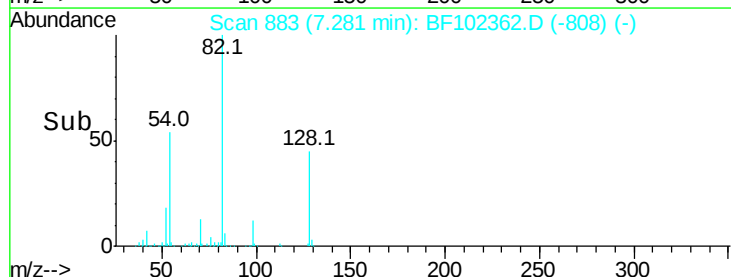


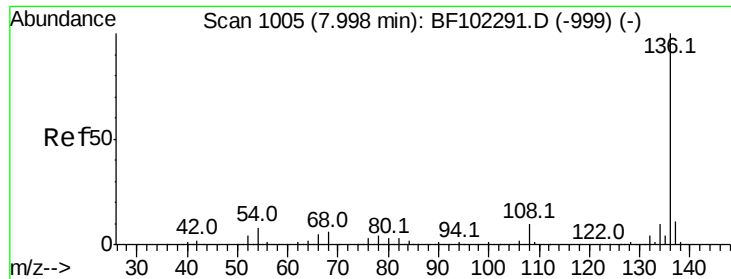
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

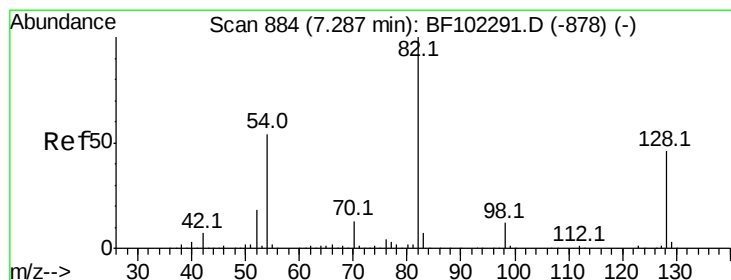
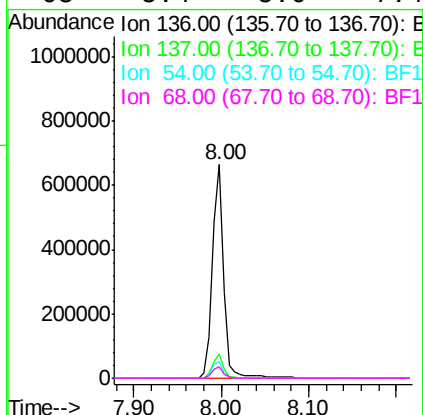
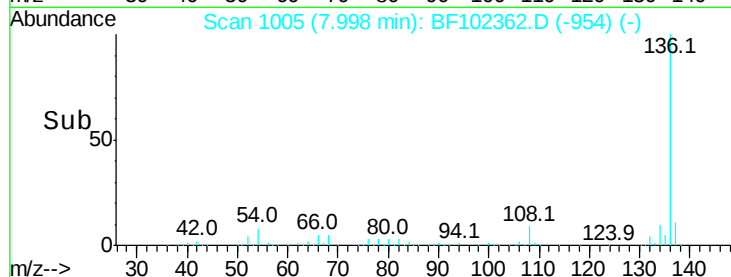
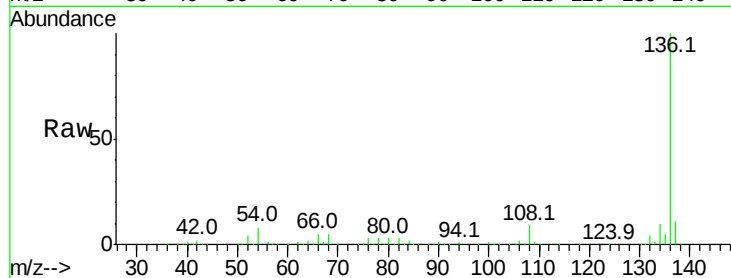




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

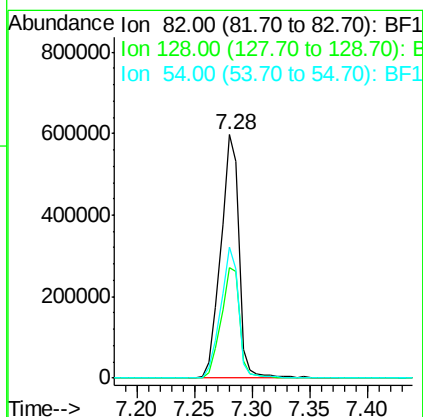
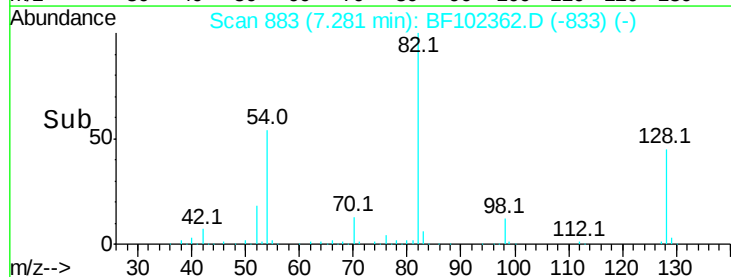
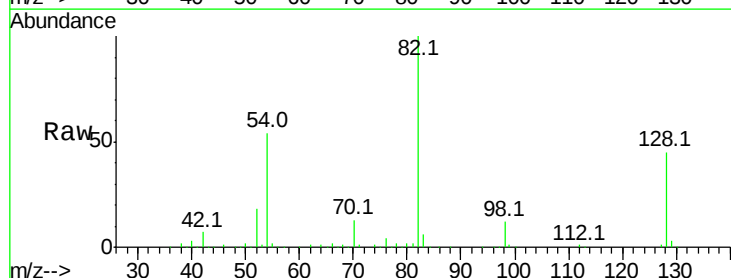
Instrument :
BNA_F
ClientSampleId :

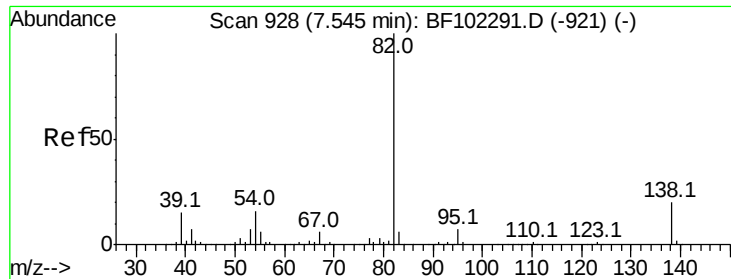
Tot Ion:	136	Resp:	598601
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 63.489 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

Tgt Ion:	82	Resp:	661327
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.7	41.4	62.2





#25

Isophorone

Concen: 34.872 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

Instrument :

BNA_F

ClientSampleId :

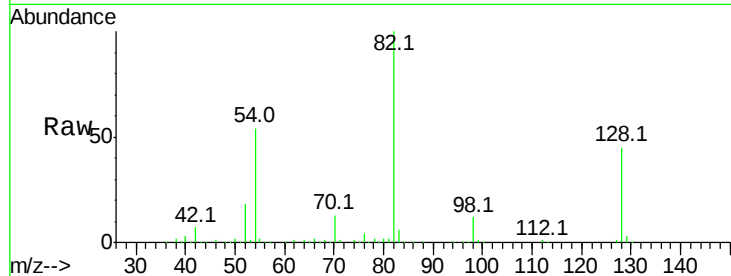
Tot Ion: 82 Resp: 647574

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

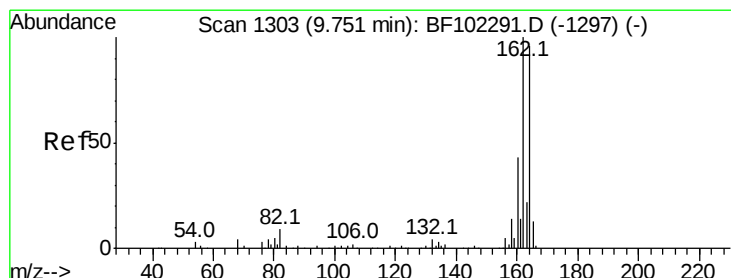
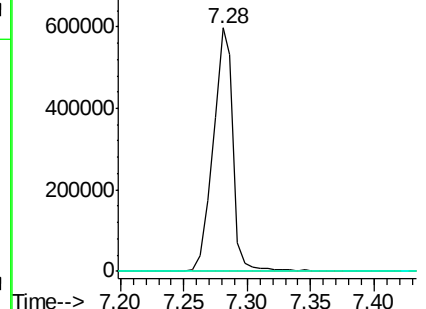
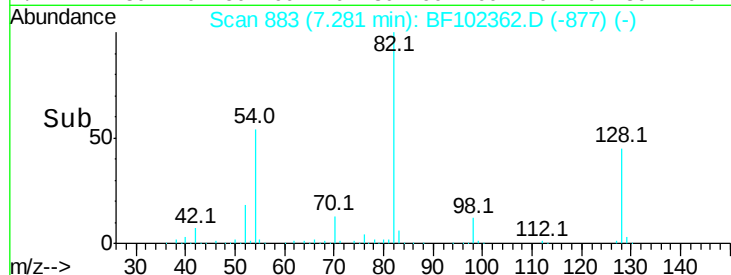
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.00 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

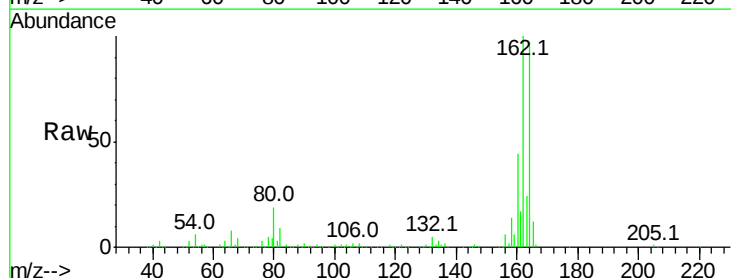
Tgt Ion:164 Resp: 262954

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

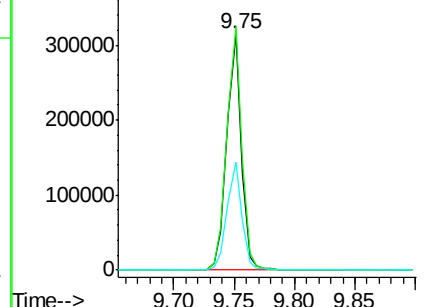
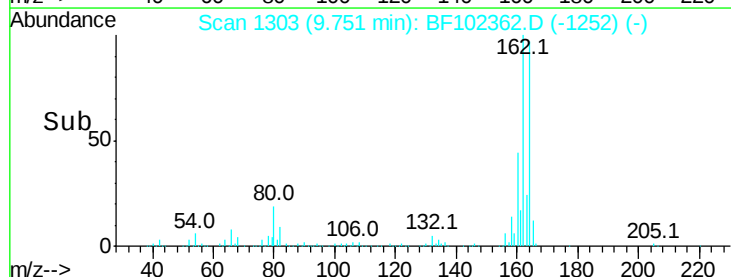
160 45.5 38.3 57.5

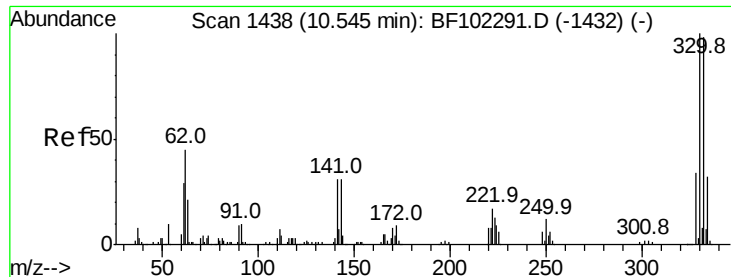


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

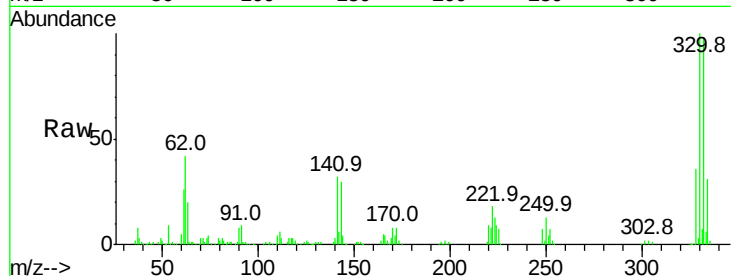




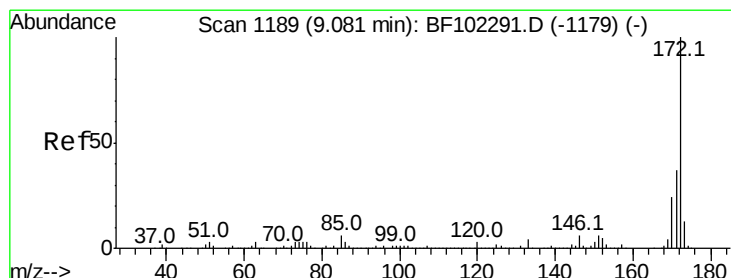
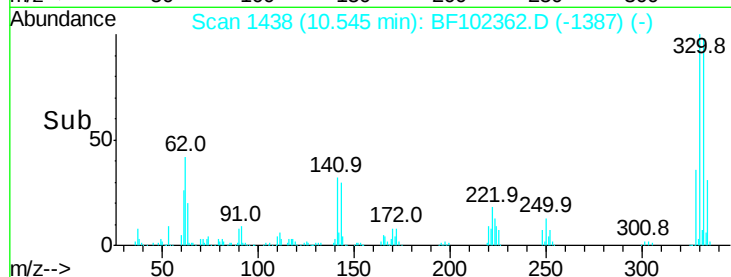
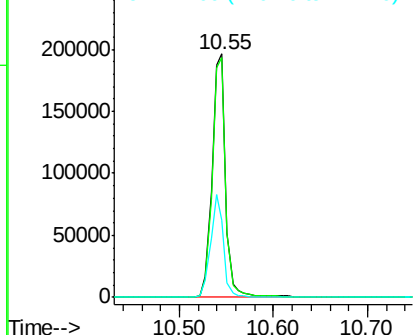
#41
 2,4,6-Tribromophenol
 Concen: 77.496 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102362.D
 Acq: 24 Jan 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.3	29.9	44.9

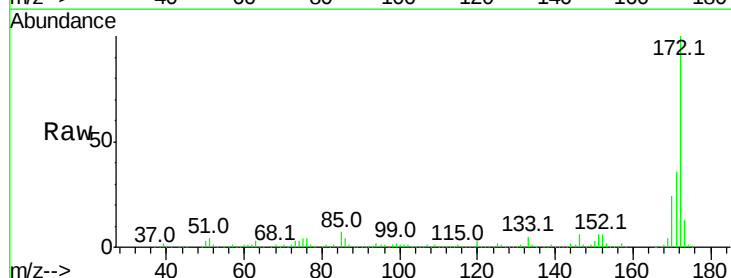


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

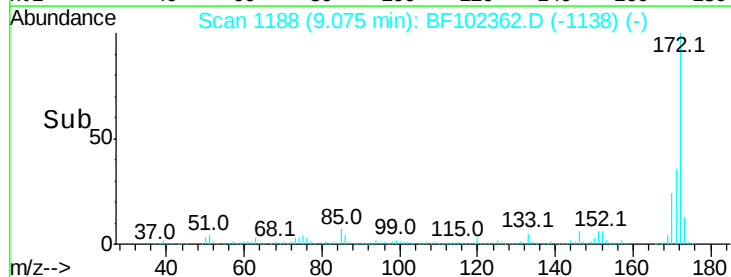
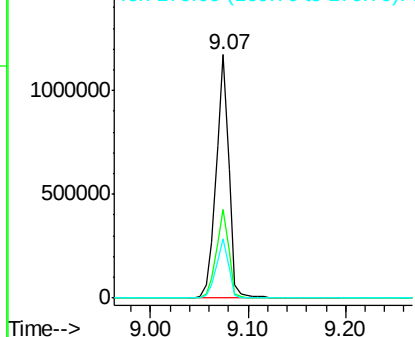


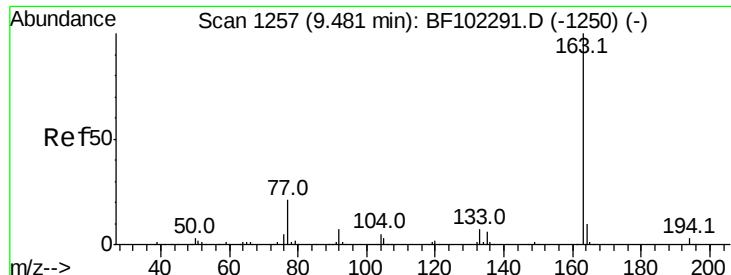
#44
 2-Fluorobiphenyl
 Concen: 59.439 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102362.D
 Acq: 24 Jan 2018 00:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	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

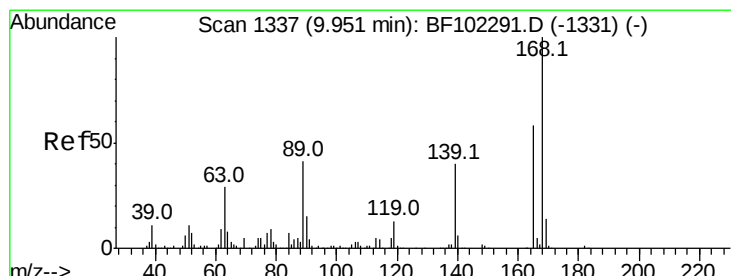
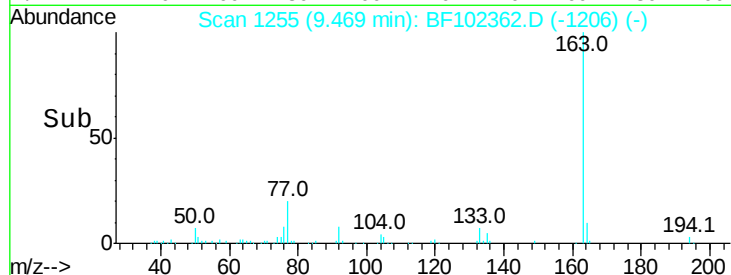
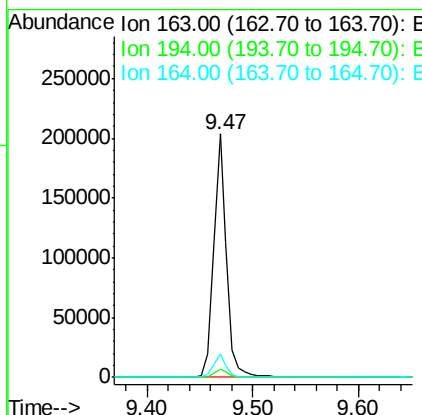
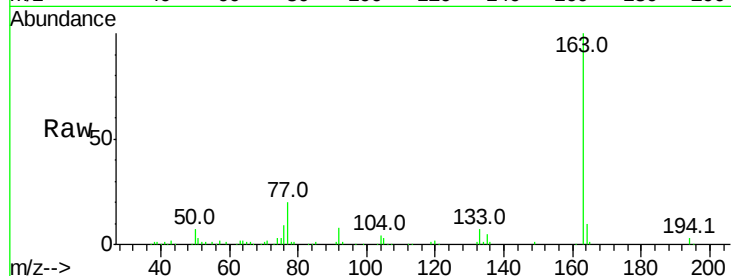




#49
Dimethylphthalate
Concen: 8.069 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

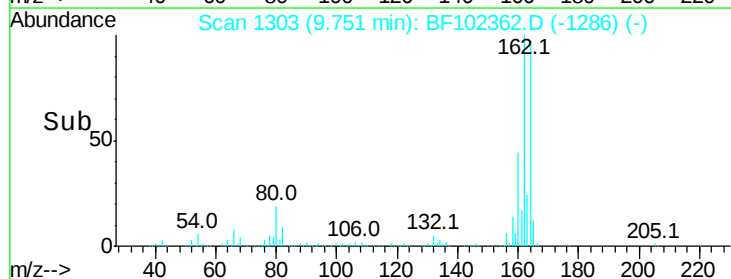
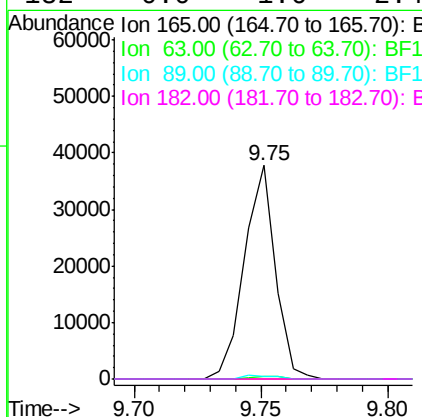
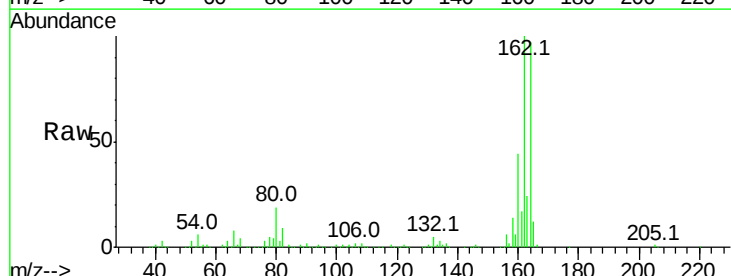
Instrument :
BNA_F
ClientSampleId :

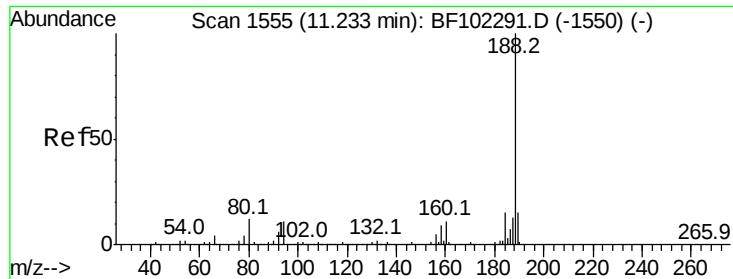
Tot Ion:163 Resp: 175375
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.603 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

Tgt Ion:165 Resp: 32288
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

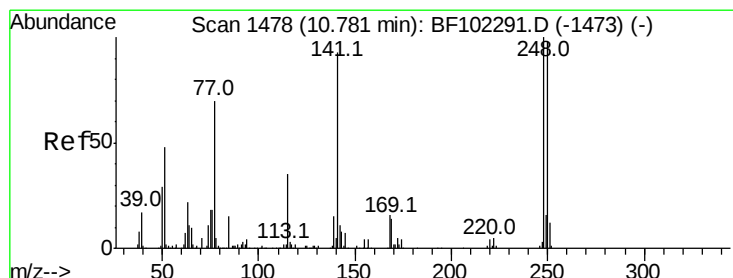
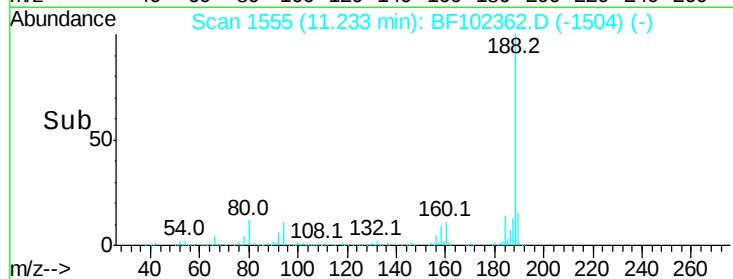
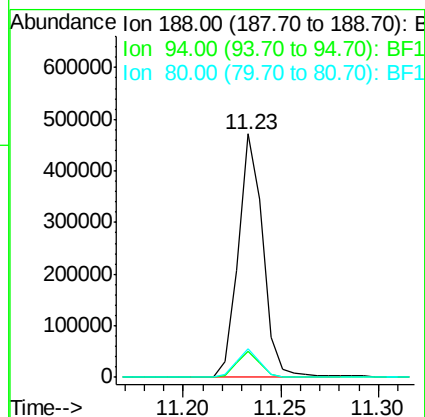
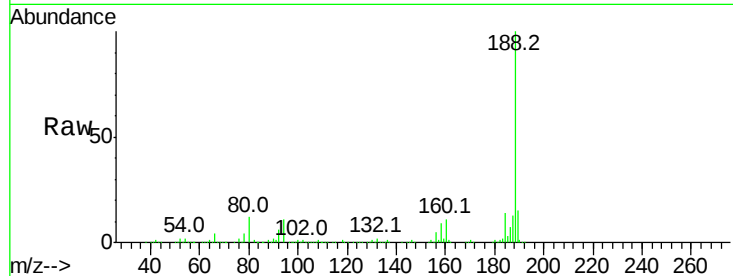




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

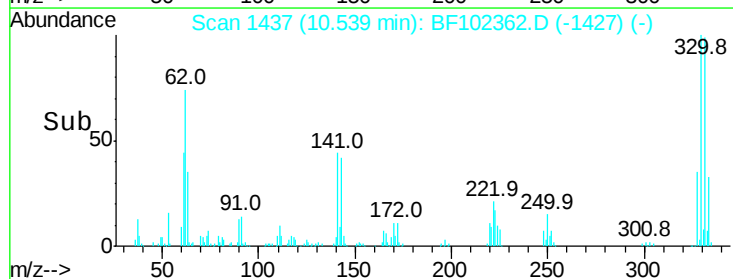
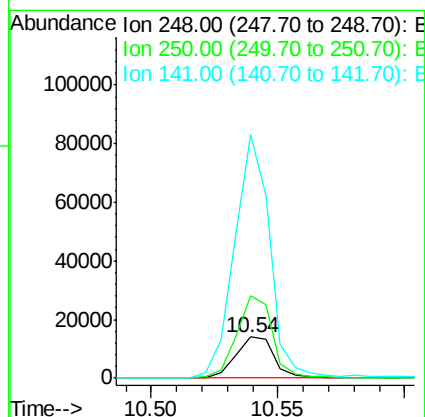
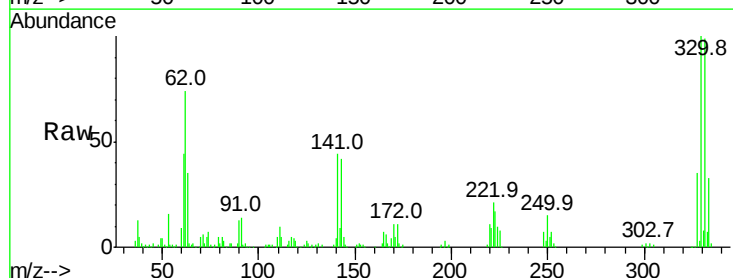
Instrument :
BNA_F
ClientSampleId :

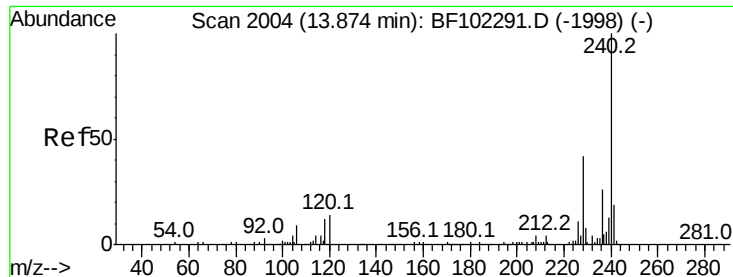
Tot Ion:188 Resp: 412576
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102362.D
Acq: 24 Jan 2018 00:28

Tgt Ion:248 Resp: 14481
Ion Ratio Lower Upper
248 100
250 201.0 76.9 115.3#
141 596.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

Instrument :

BNA_F

ClientSampleId :

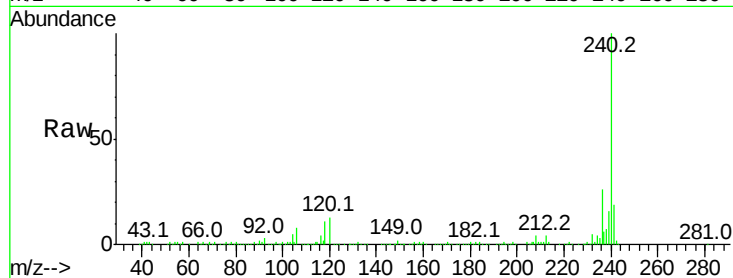
Tot Ion:240 Resp: 281001

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

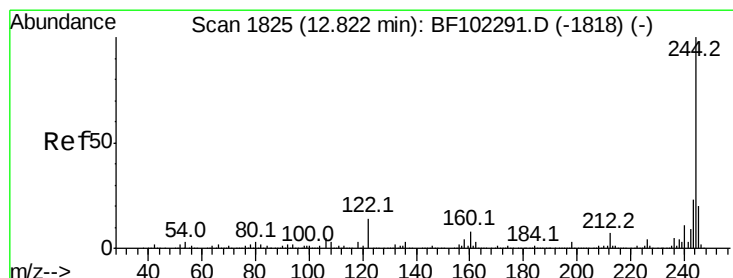
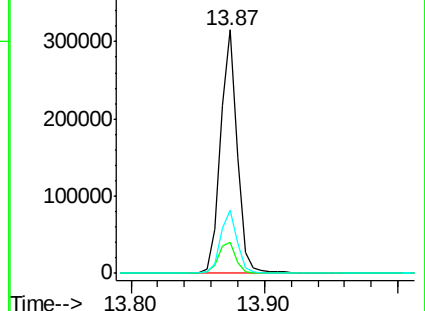
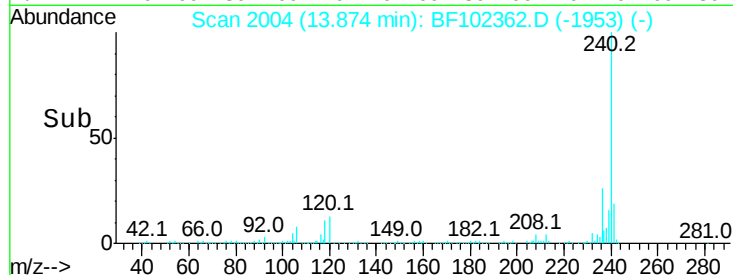
236 25.9 20.7 31.1



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: 60.407 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102362.D

Acq: 24 Jan 2018 00:28

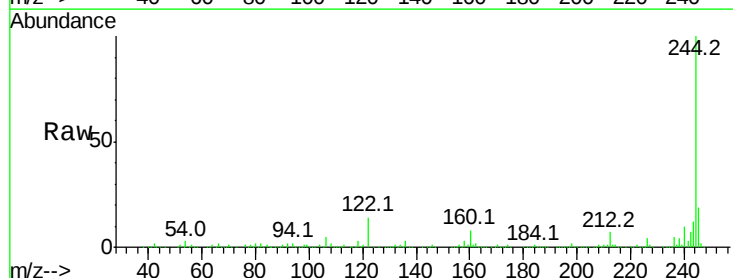
Tgt Ion:244 Resp: 752964

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

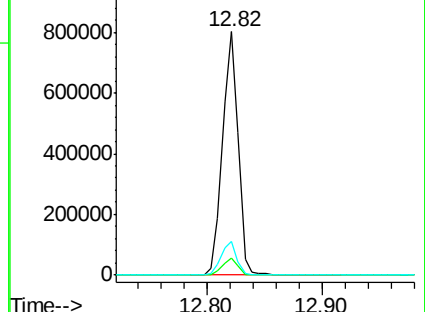
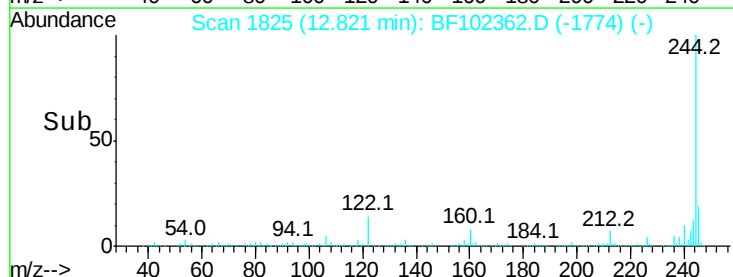
122 13.6 11.0 16.4

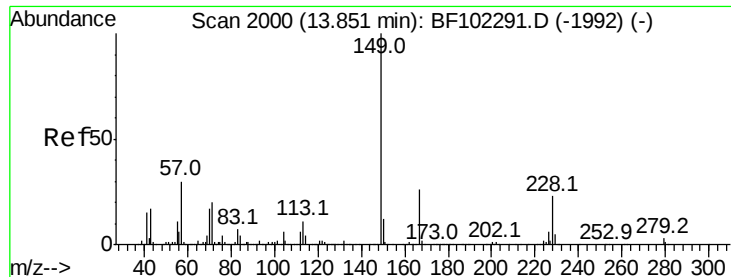


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

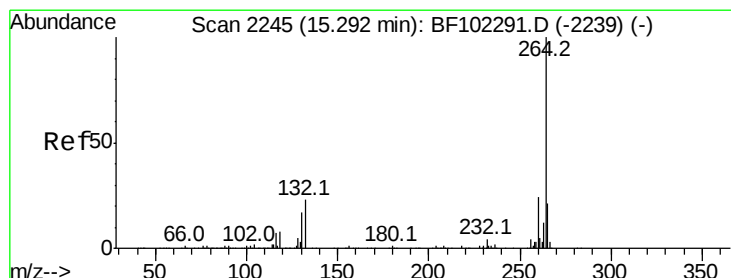
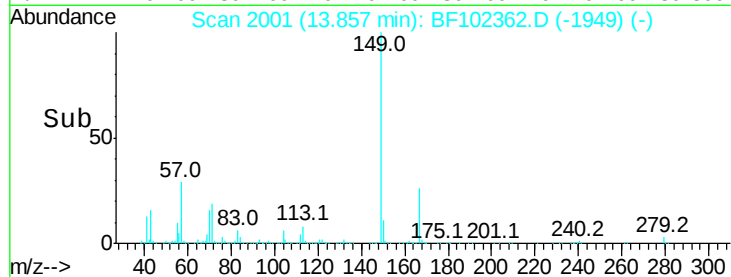
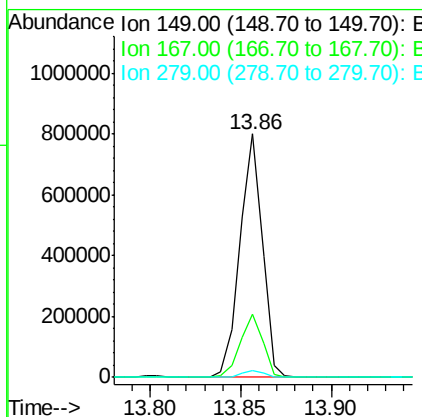
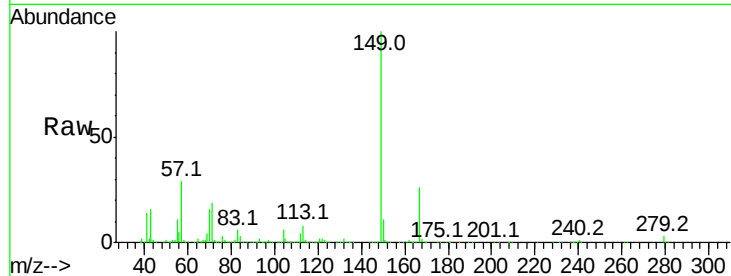




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.233 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102362.D
 Acq: 24 Jan 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 686297
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.9 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102362.D
 Acq: 24 Jan 2018 00:28

Tgt Ion:264 Resp: 237717
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.5 26.3

