

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102400.D
 Acq On : 24 Jan 2018 20:06
 Operator : SJ/JU
 Sample : J1249-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:10:33 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

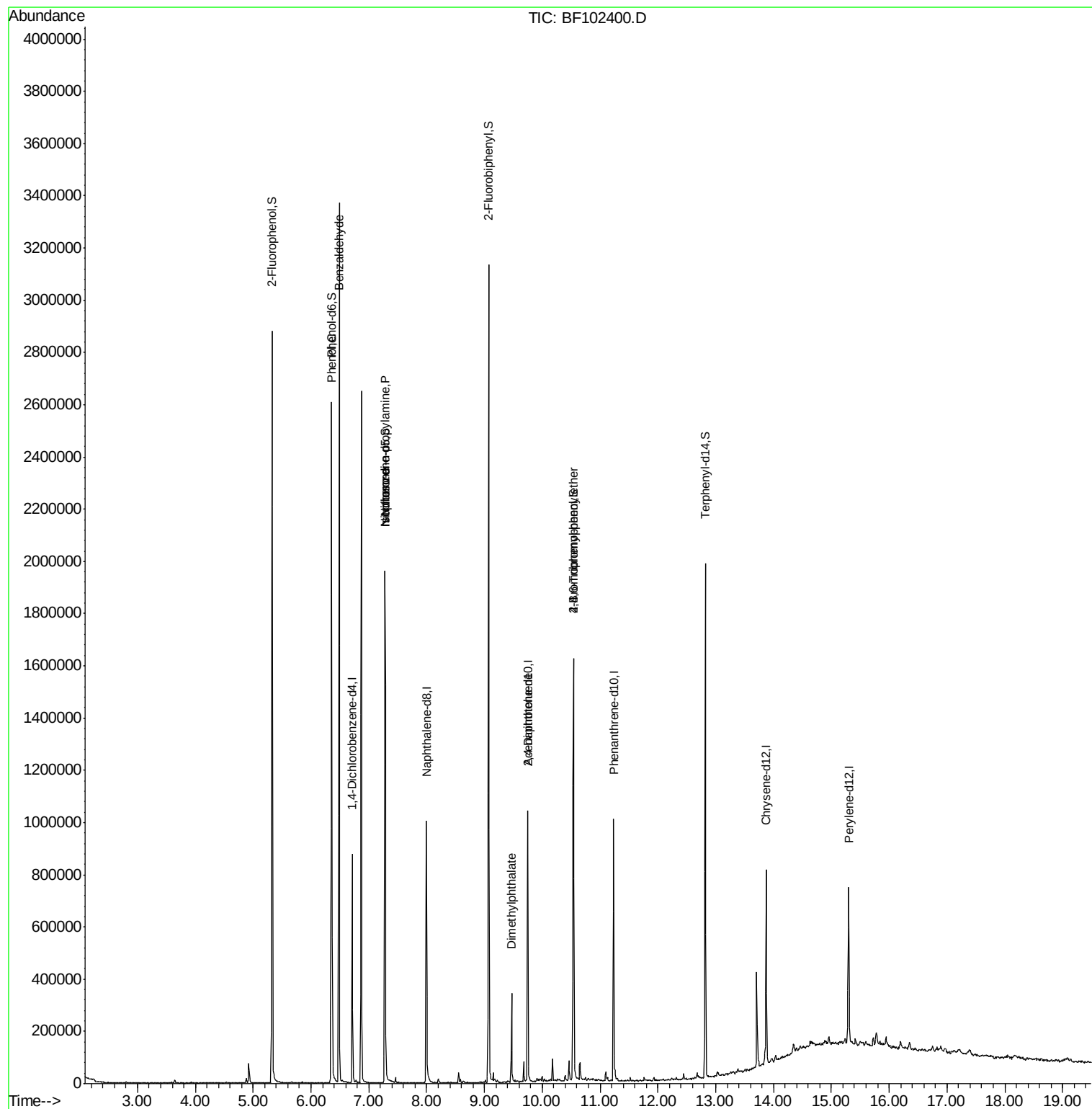
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131874	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	530786	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223493	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	348836	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263078	20.00	ng	0.00
86) Perylene-d12	15.30	264	252674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	927638	106.66	ng	0.00
7) Phenol-d6	6.36	99	1103642	105.26	ng	0.00
23) Nitrobenzene-d5	7.28	82	692756	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	178611	80.66	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1026022	67.50	ng	0.00
78) Terphenyl-d14	12.82	244	672362	57.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	18704	2.582	ng	85
10) Phenol	6.37	94	59044	5.158	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	89393	13.931	ng	# 82
25) Isophorone	7.28	82	678323	41.195	ng	# 64
49) Dimethylphthalate	9.47	163	143880	7.789	ng	98
56) 2,4-Dinitrotoluene	9.75	165	27927	5.702	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	11797	3.142	ng	# 1

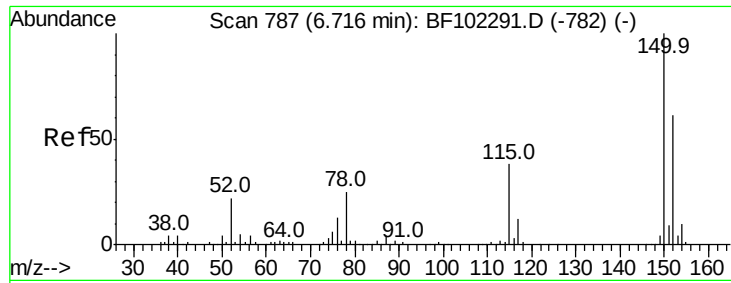
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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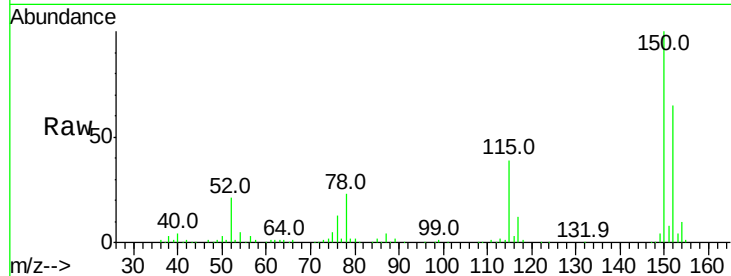


#1

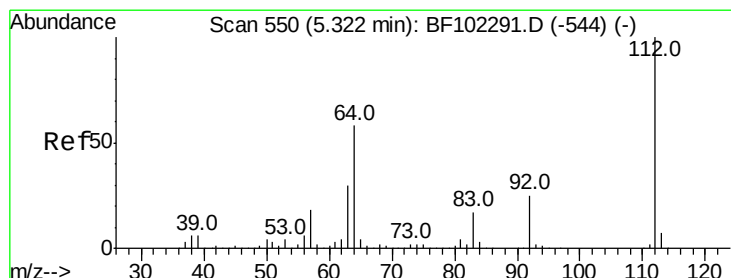
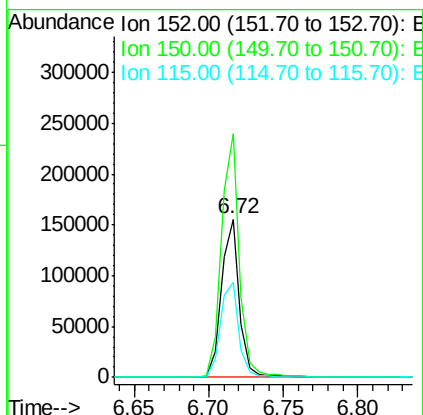
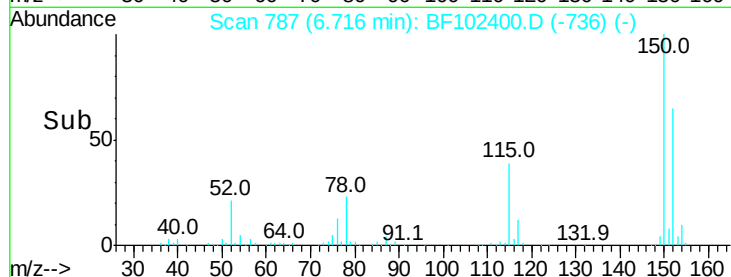
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131874
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 59.9 50.1 75.1



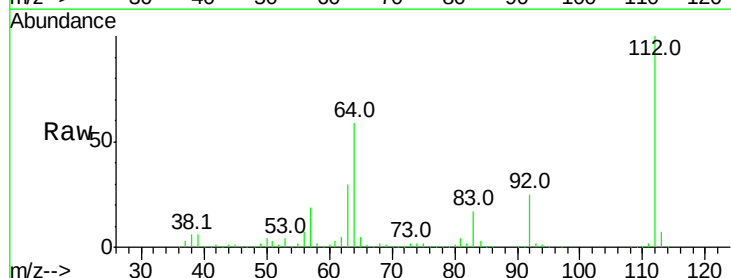
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



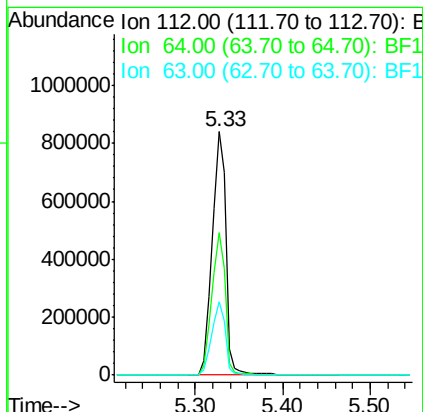
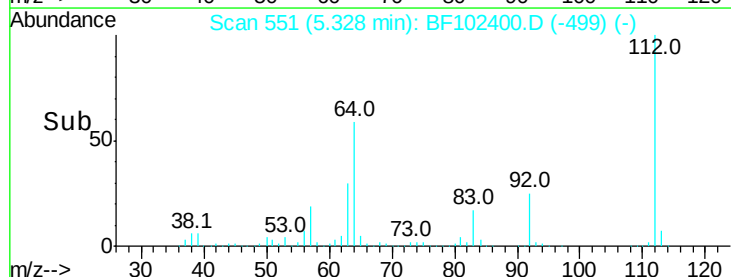
#5

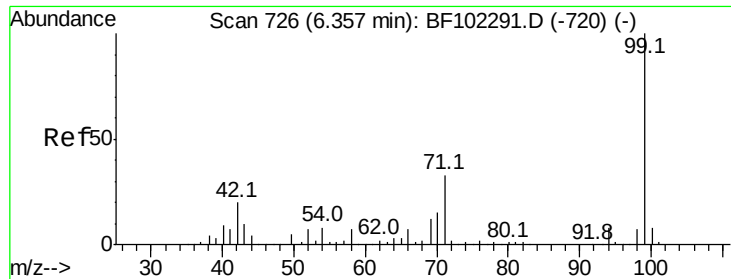
2-Fluorophenol
 Concen: 106.658 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion:112 Resp: 927638
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 30.1 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: 105.255 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

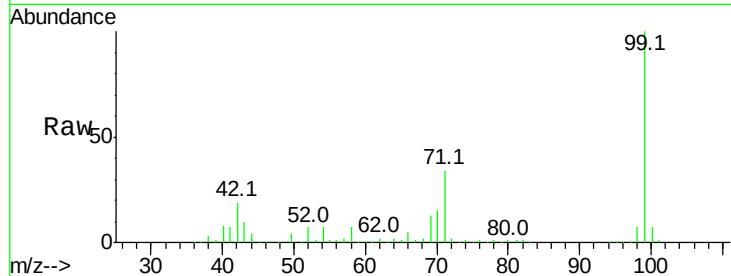
Tot Ion: 99 Resp: 1103642

Ion Ratio Lower Upper

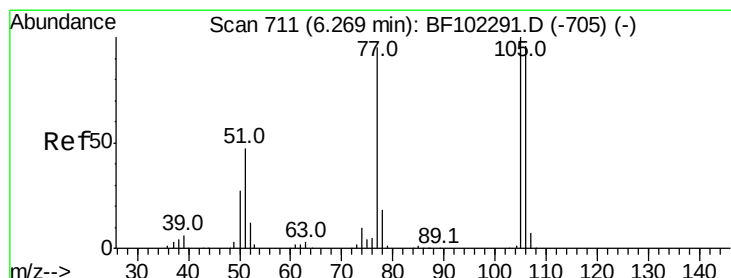
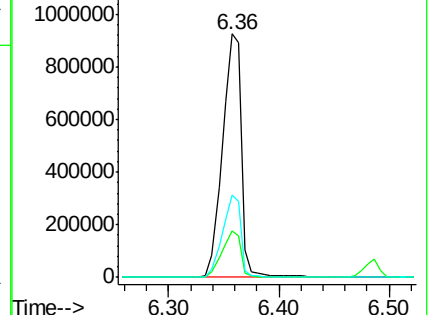
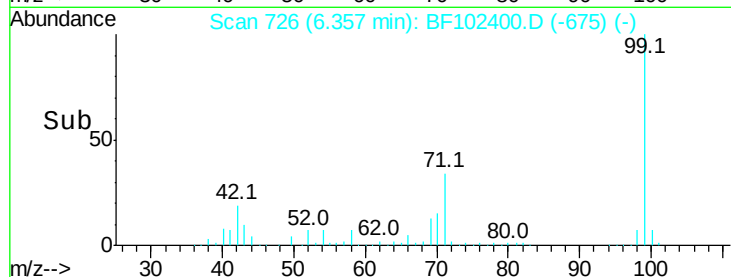
99 100

42 19.3 14.5 21.7

71 33.8 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



#9

Benzaldehyde

Concen: 2.582 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

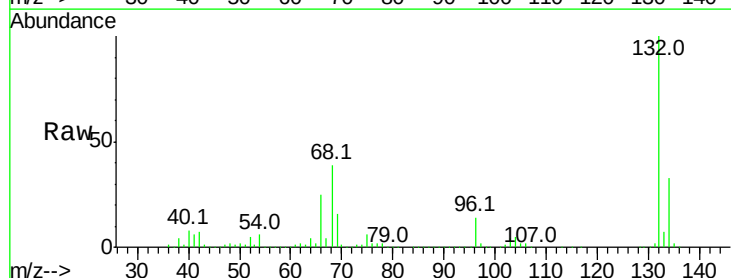
Tgt Ion: 77 Resp: 18704

Ion Ratio Lower Upper

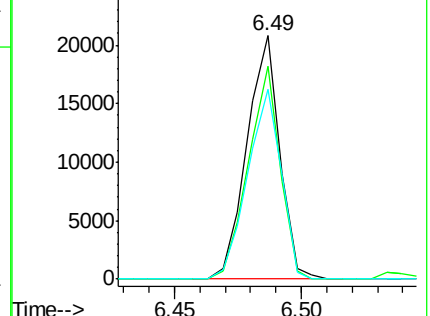
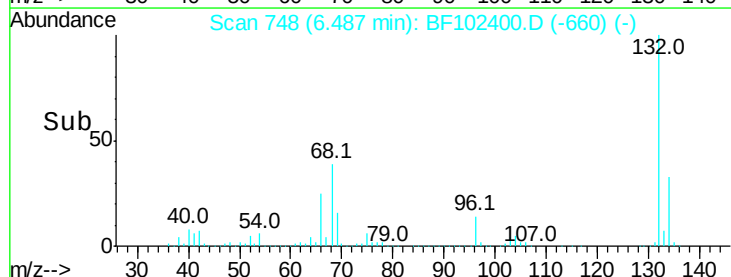
77 100

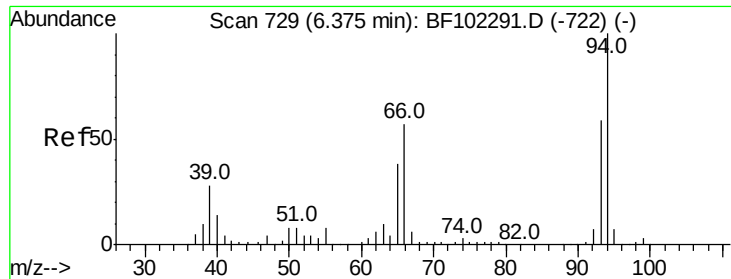
105 87.7 81.1 121.1

106 78.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.158 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

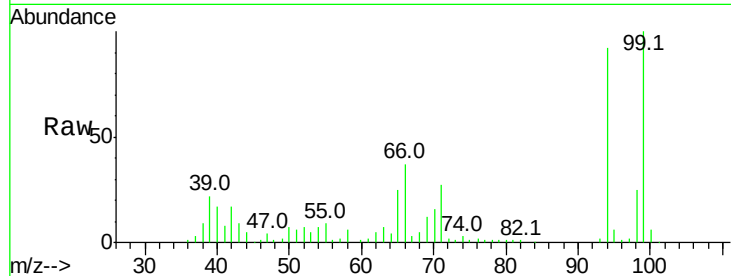
Tot Ion: 94 Resp: 59044

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

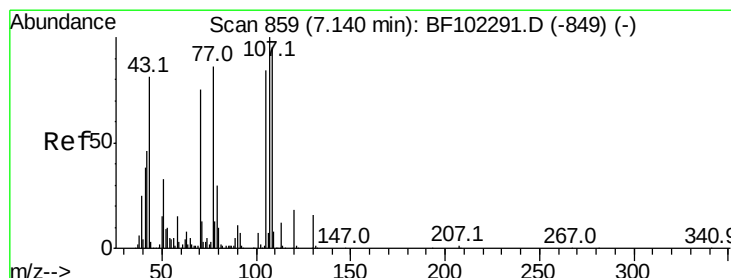
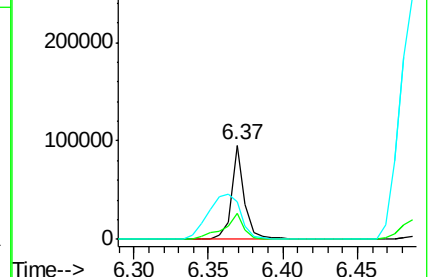
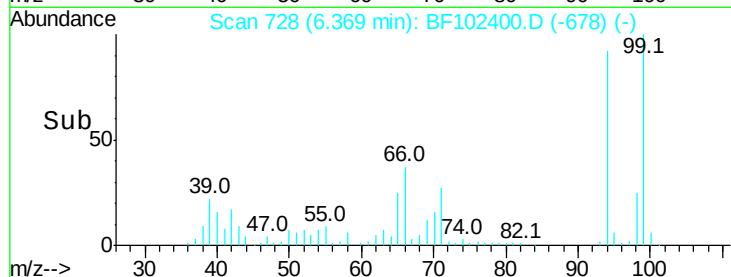
66 40.2 16.2 56.2



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: 13.931 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Tgt Ion: 70 Resp: 89393

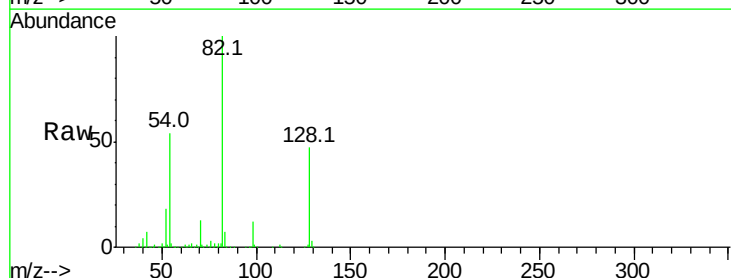
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

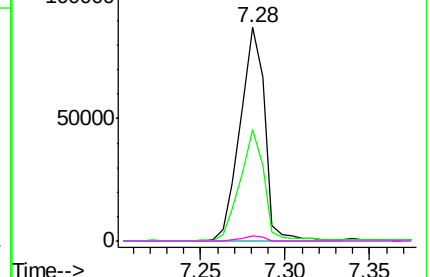
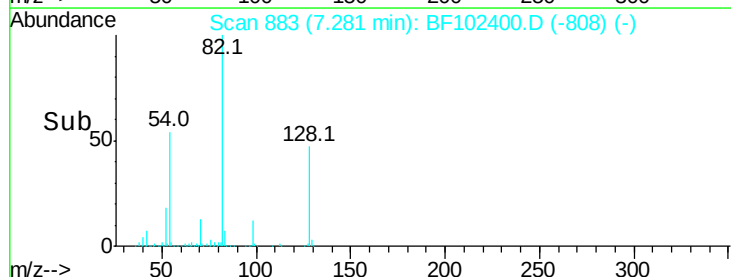


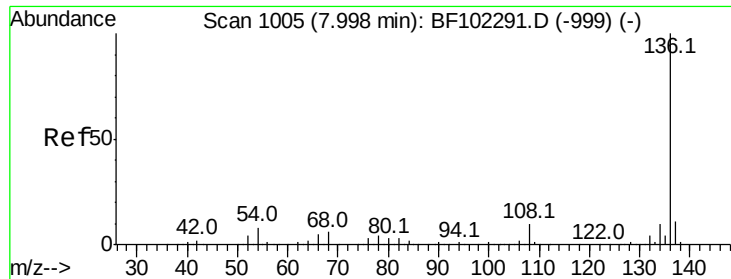
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

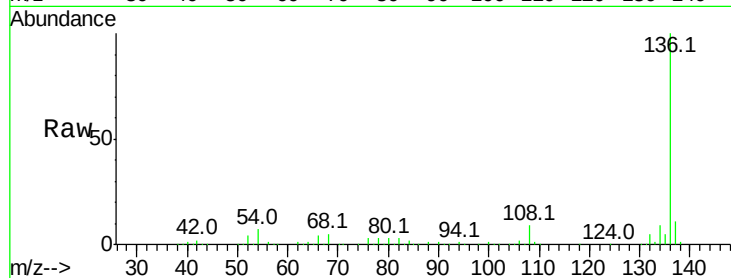




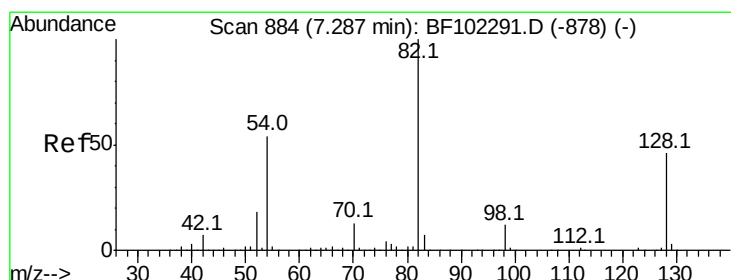
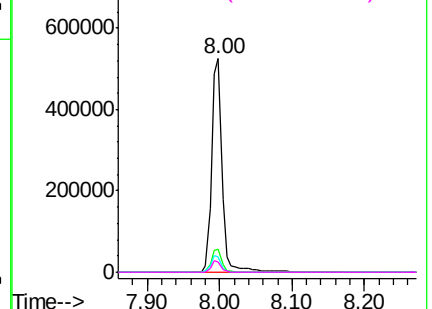
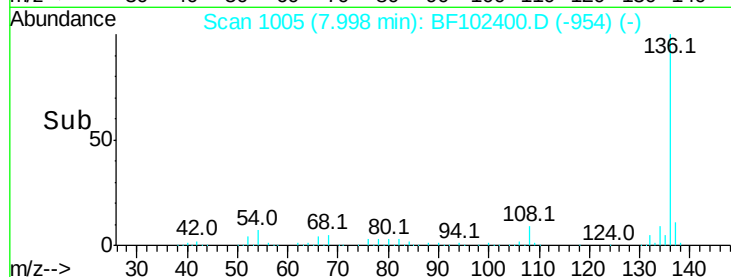
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	530786
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.0	5.0	7.4

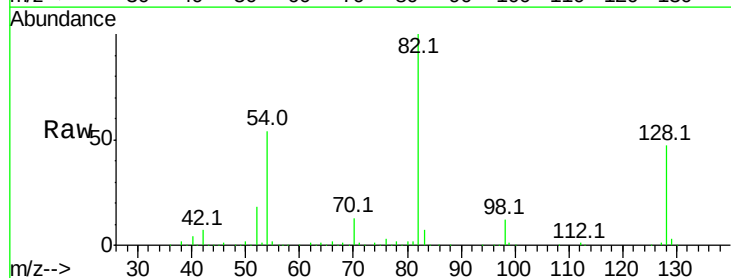


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

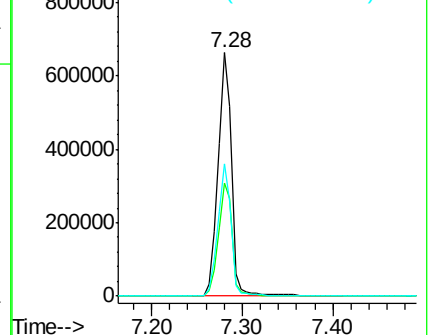
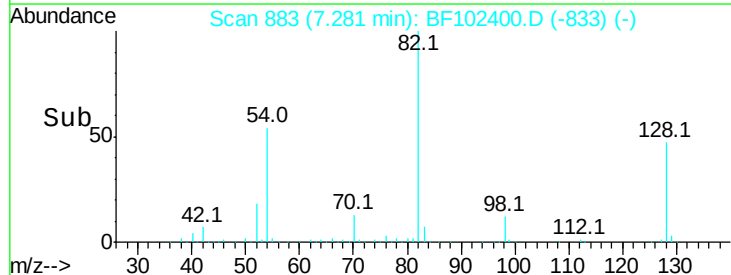


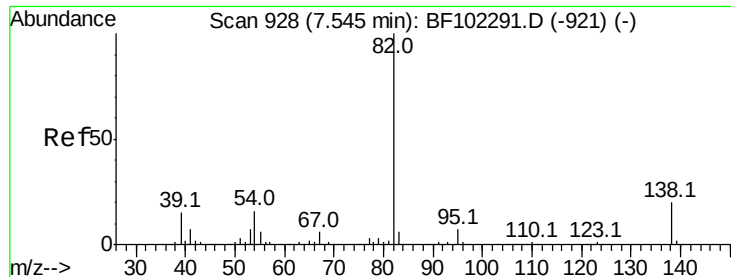
#23
Nitrobenzene-d5
Concen: 75.003 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Tgt Ion:	82	Resp:	692756
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	54.5	41.4	62.2



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





#25

Isophorone

Concen: 41.195 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampled :

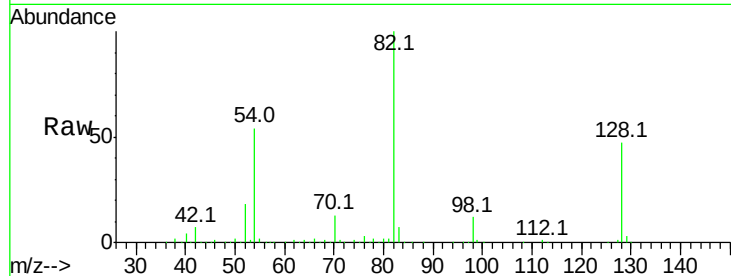
Tot Ion: 82 Resp: 678323

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

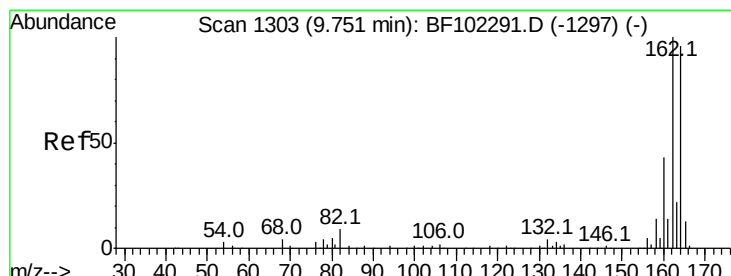
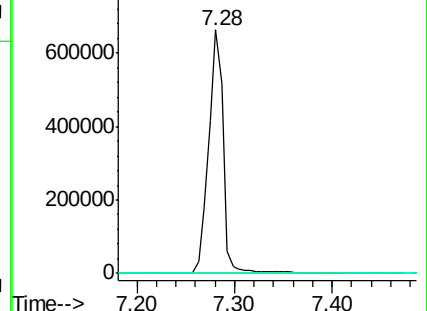
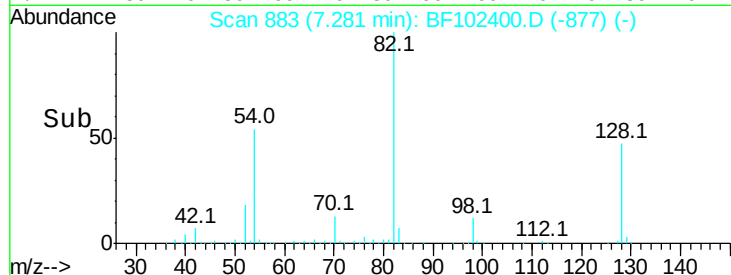
138 0.0 14.9 22.3#



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: BF102400.D

Acq: 24 Jan 2018 20:06

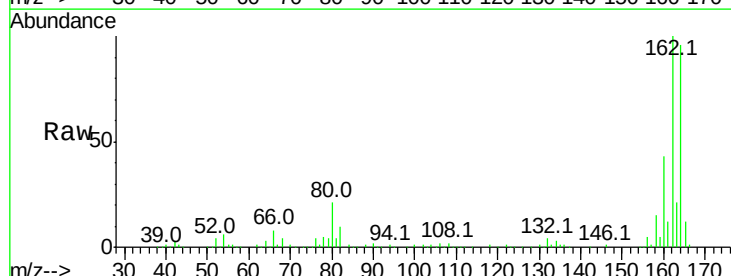
Tgt Ion: 164 Resp: 223493

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

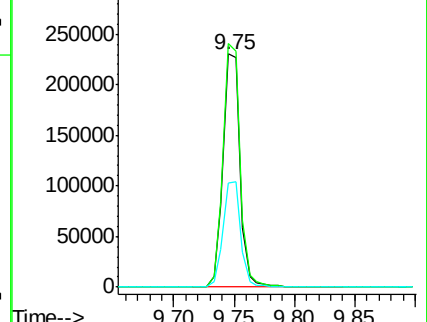
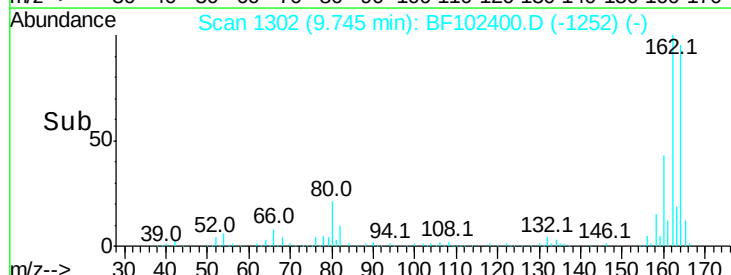
160 44.9 38.3 57.5

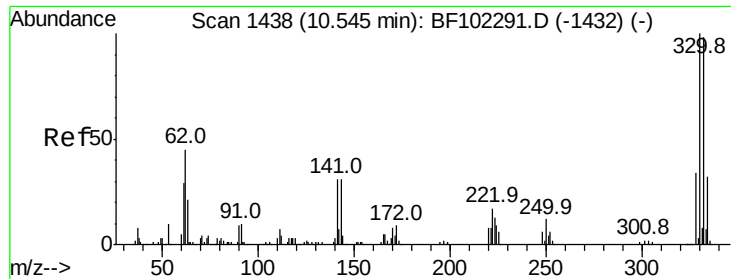


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

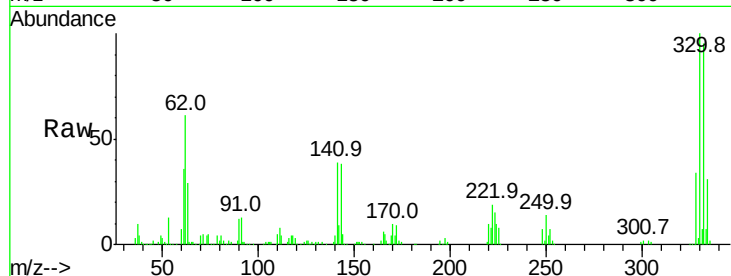




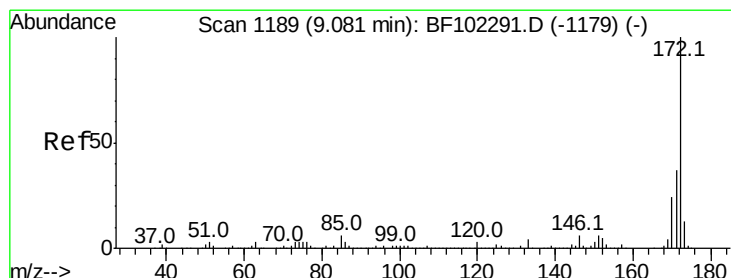
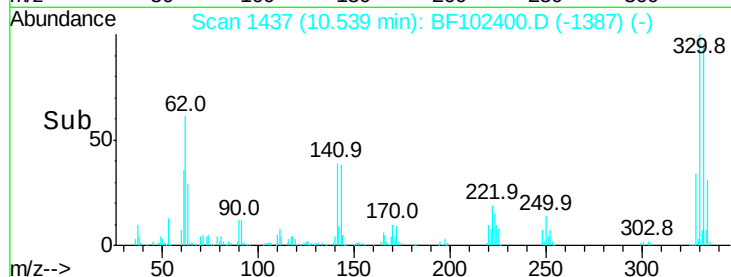
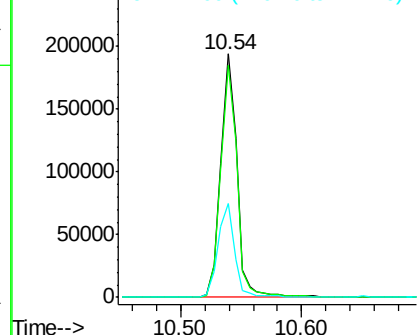
#41
 2,4,6-Tribromophenol
 Concen: 80.655 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 178611
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 40.2 29.9 44.9

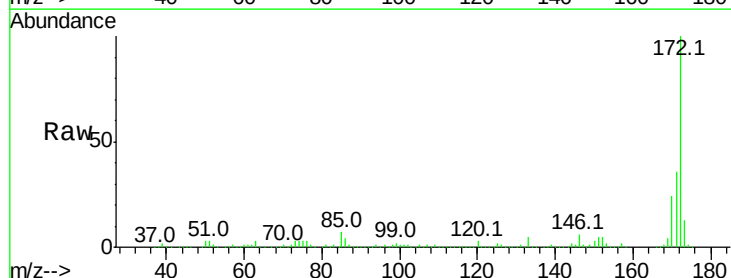


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

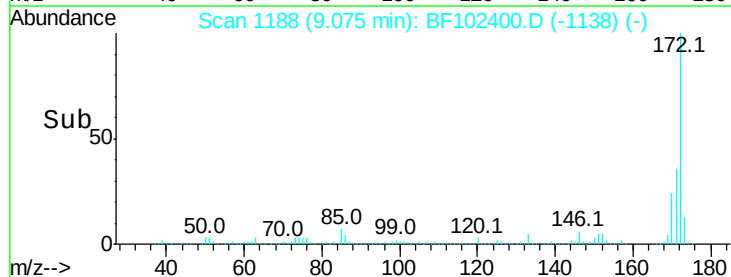
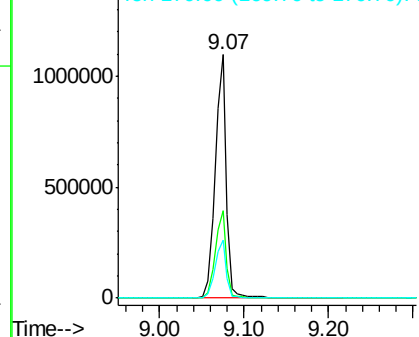


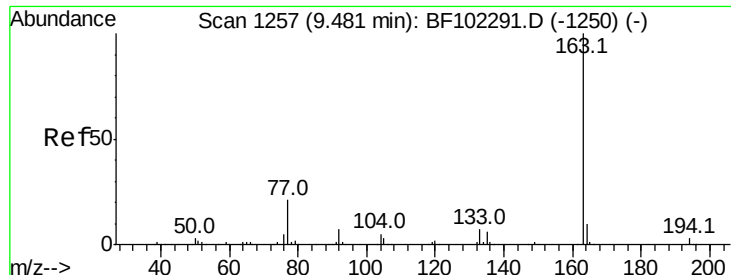
#44
 2-Fluorobiphenyl
 Concen: 67.502 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion:172 Resp: 1026022
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 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

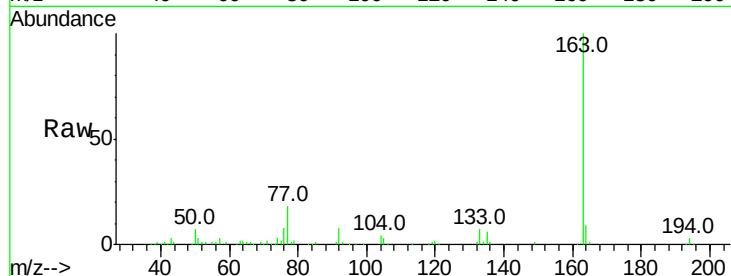




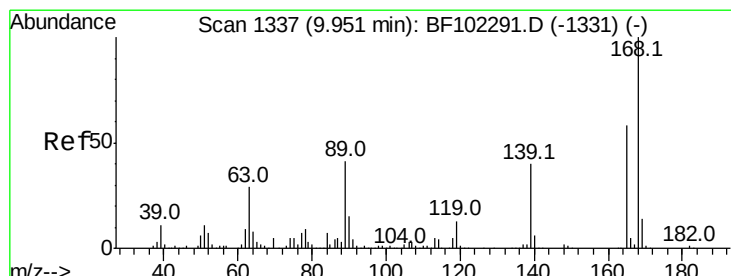
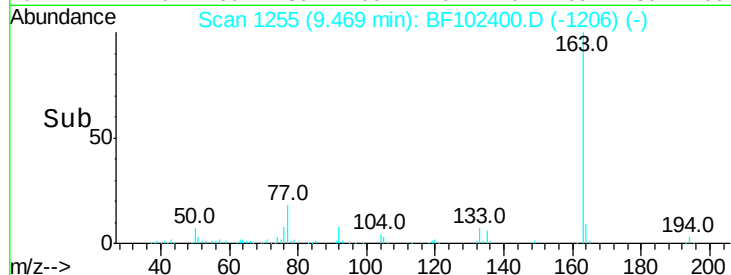
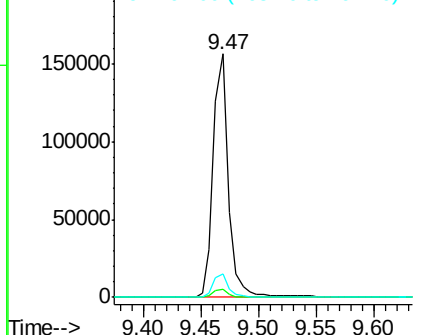
#49
 Dimethylphthalate
 Concen: 7.789 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	143880
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

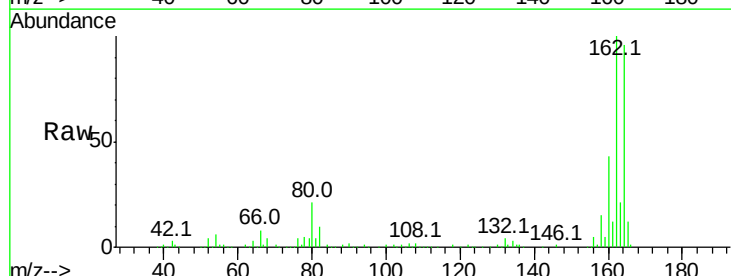


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

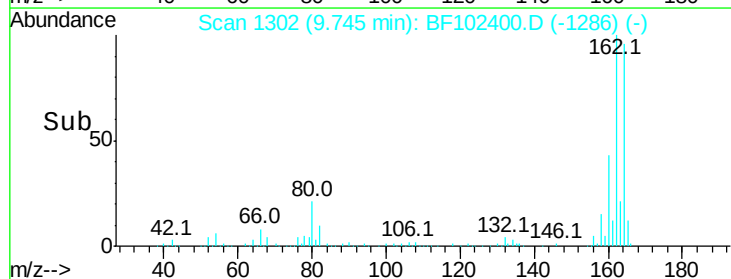
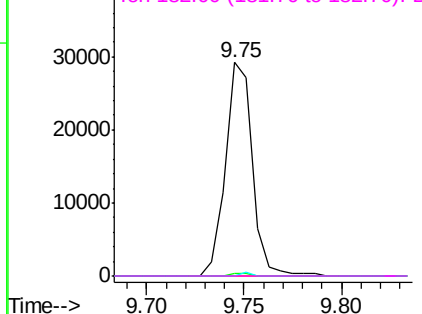


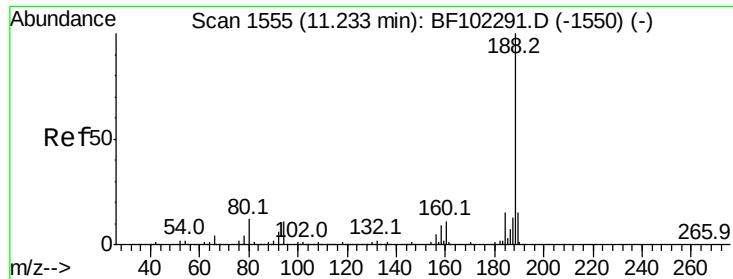
#56
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102400.D
 Acq: 24 Jan 2018 20:06

Tgt Ion:	165	Resp:	27927
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	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

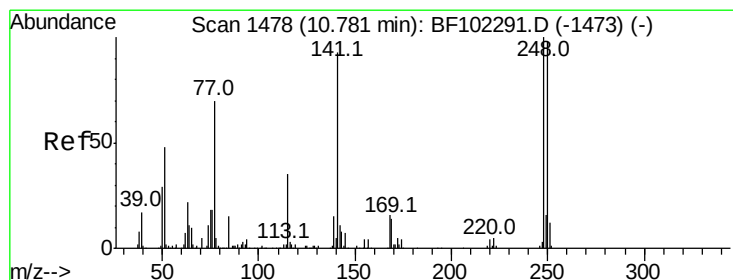
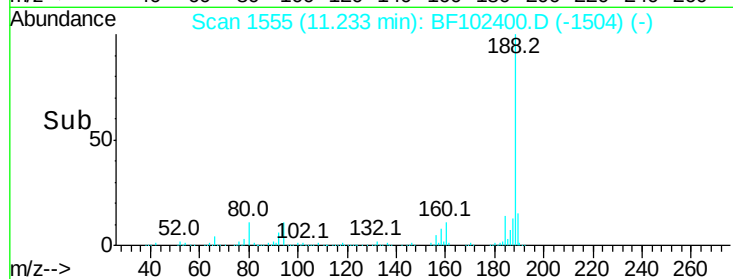
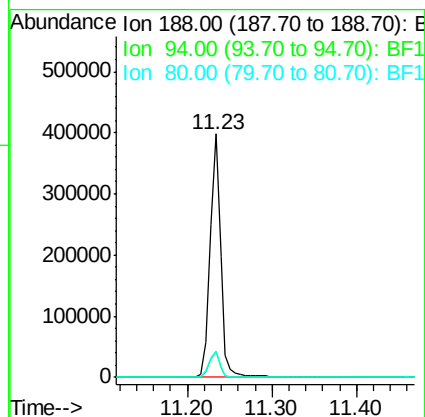
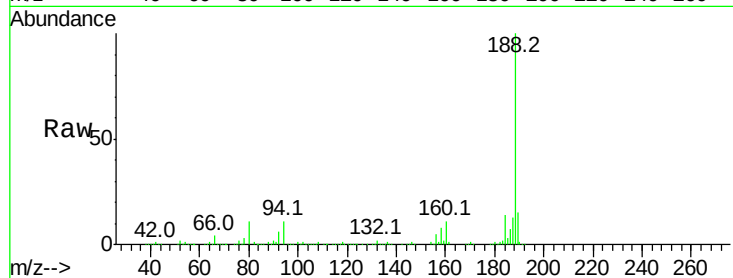




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

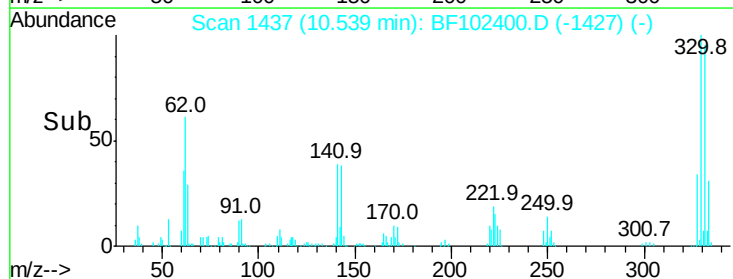
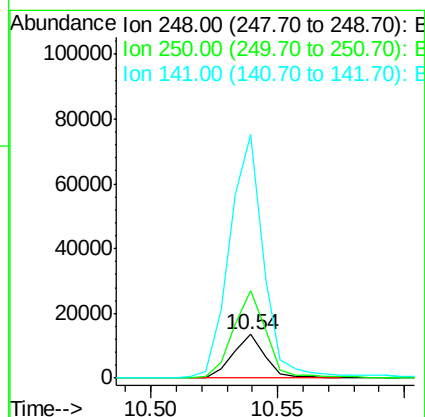
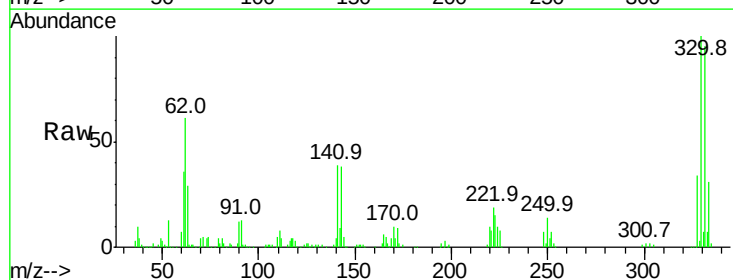
Instrument :
BNA_F
ClientSampleId :

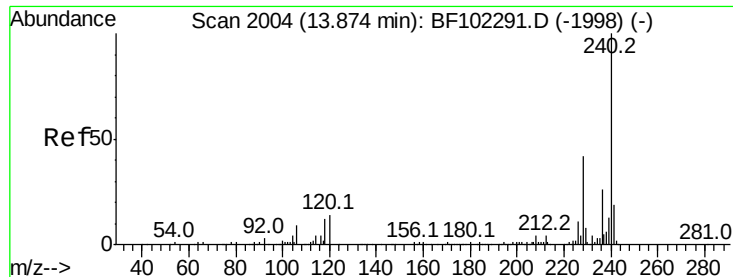
Tot Ion:188 Resp: 348836
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 10.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Tgt Ion:248 Resp: 11797
Ion Ratio Lower Upper
248 100
250 201.5 76.9 115.3#
141 560.7 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: BF102400.D

Acq: 24 Jan 2018 20:06

Instrument :

BNA_F

ClientSampleId :

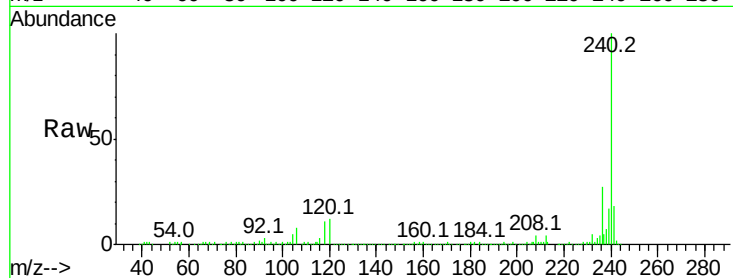
Tot Ion:240 Resp: 263078

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

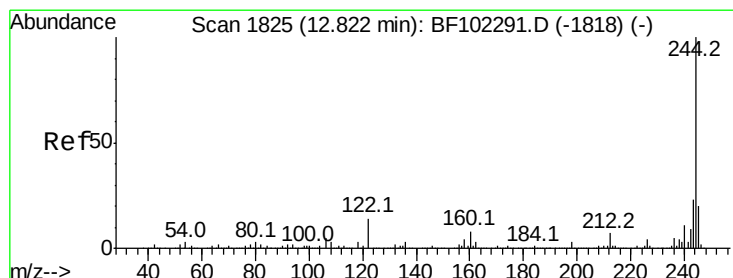
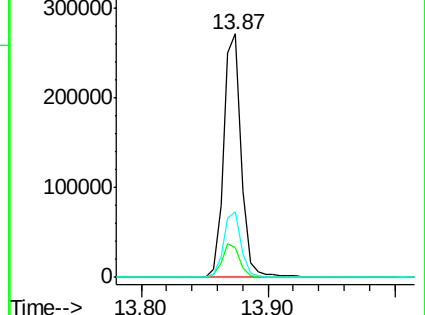
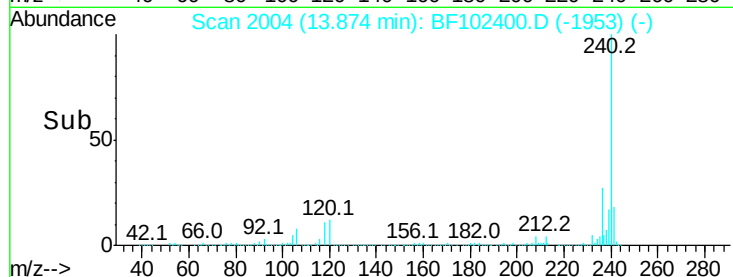
236 26.9 20.7 31.1



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: 57.616 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102400.D

Acq: 24 Jan 2018 20:06

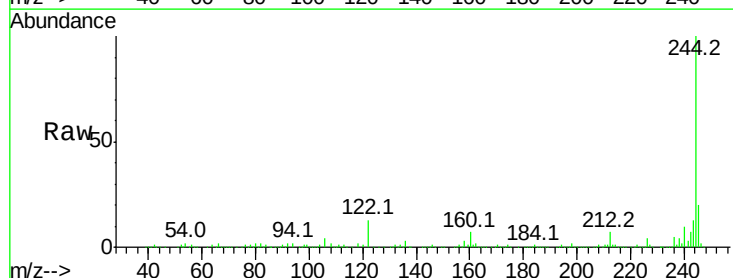
Tgt Ion:244 Resp: 672362

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

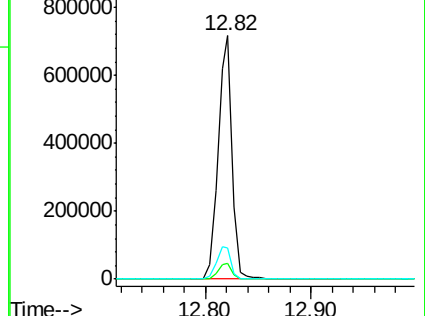
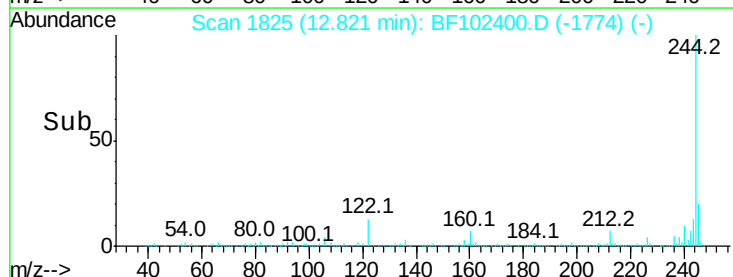
122 12.6 11.0 16.4

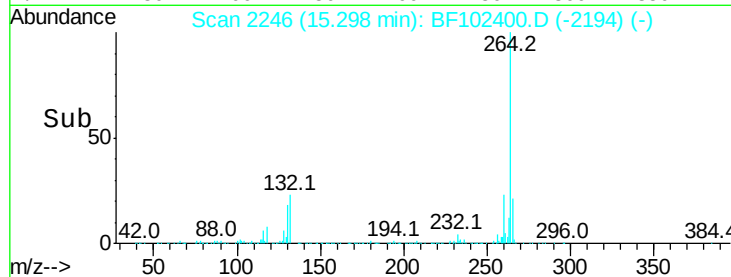
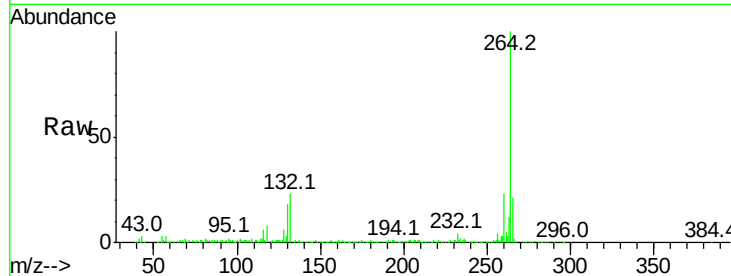
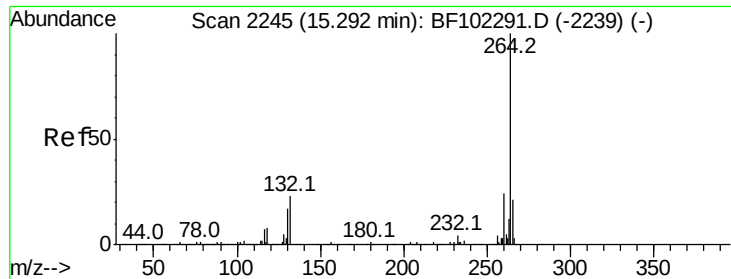


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102400.D
Acq: 24 Jan 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

