

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102433.D
 Acq On : 25 Jan 2018 19:44
 Operator : SJ/JU
 Sample : PB106012BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:22:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

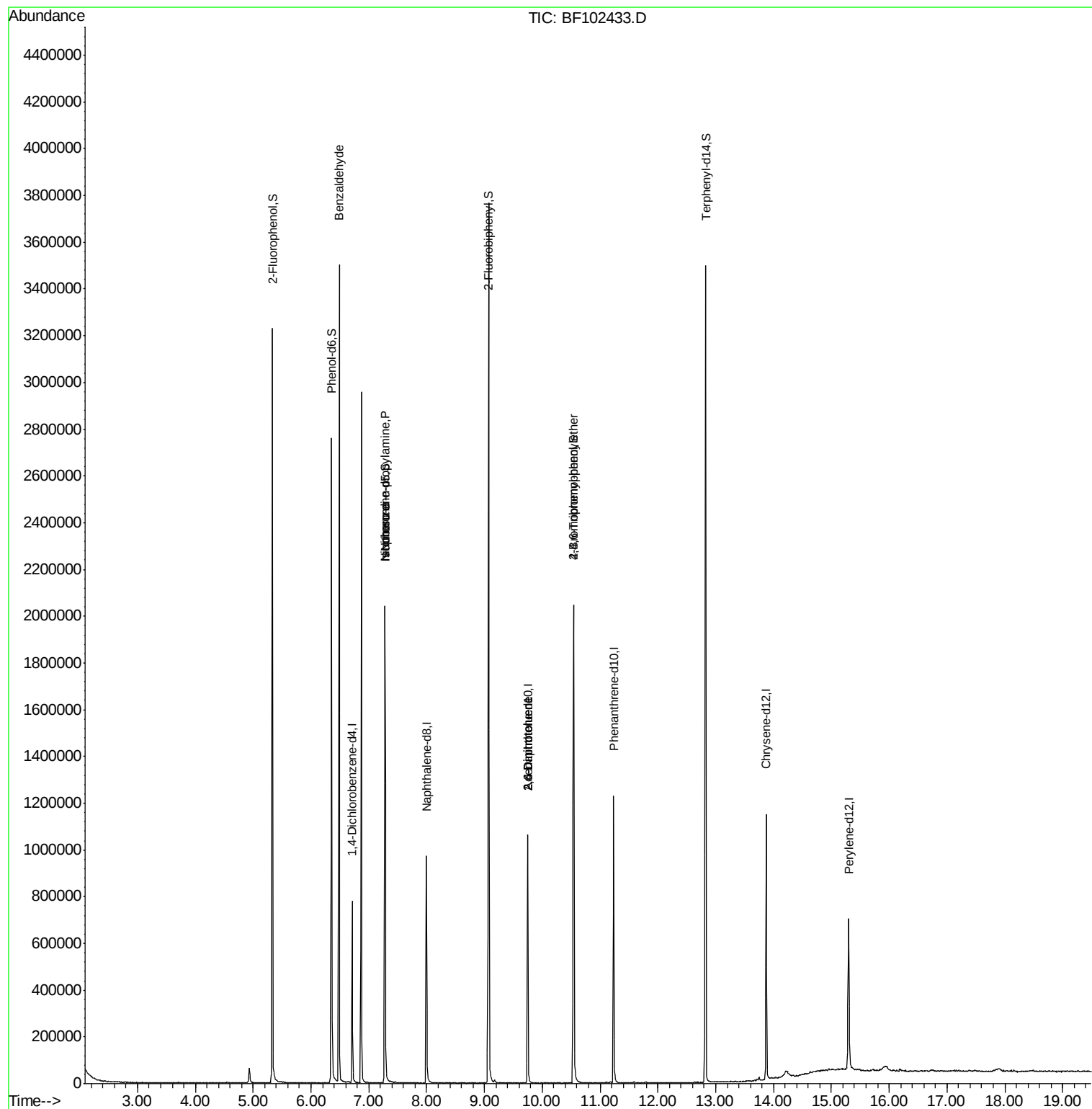
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126473	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	519666	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242261	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	451214	20.00	ng	0.00
75) Chrysene-d12	13.87	240	398363	20.00	ng	0.00
86) Perylene-d12	15.30	264	329780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	972874	116.64	ng	0.01
7) Phenol-d6	6.36	99	1160621	115.42	ng	-0.01
23) Nitrobenzene-d5	7.28	82	734041	81.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	267931	111.62	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1367106	82.97	ng	0.00
78) Terphenyl-d14	12.83	244	1373769	77.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	19909	2.852	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	97793	15.891	ng	# 81
25) Isophorone	7.28	82	718381	44.561	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	29758	6.893	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	29758	5.605	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	17677	3.639	ng	# 1

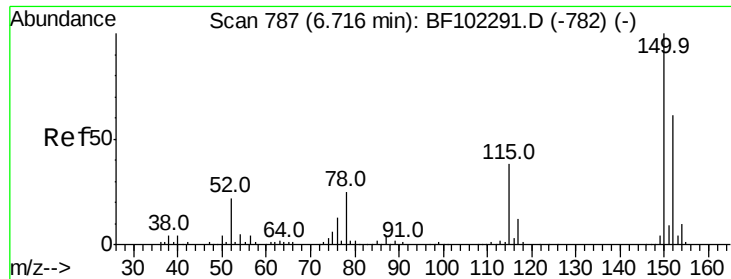
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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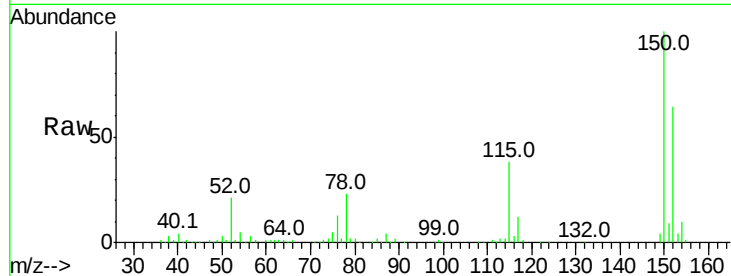


#1

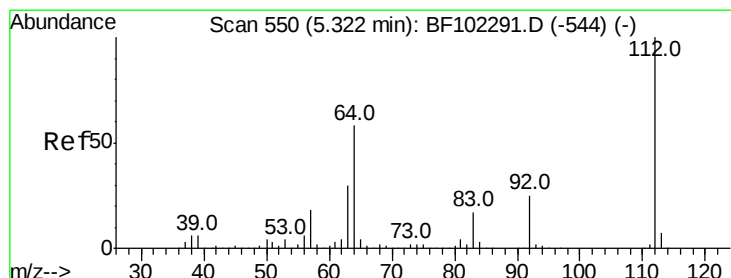
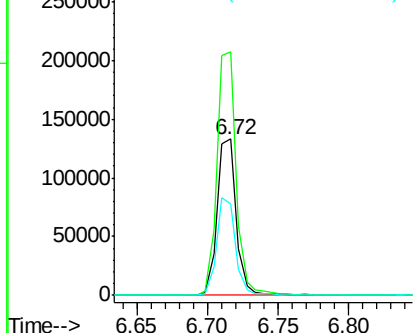
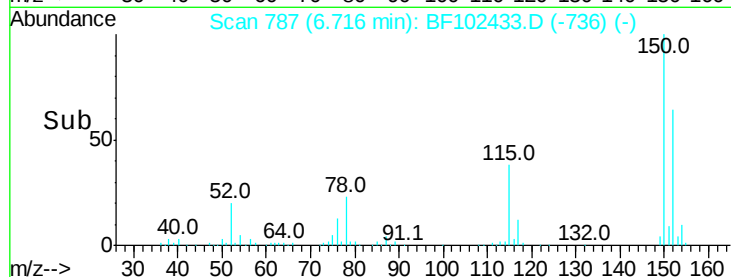
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 126473
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 58.5 50.1 75.1



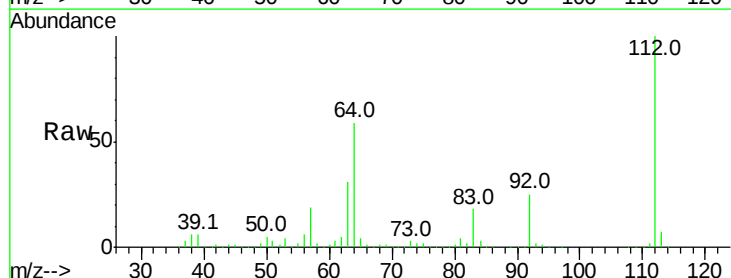
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



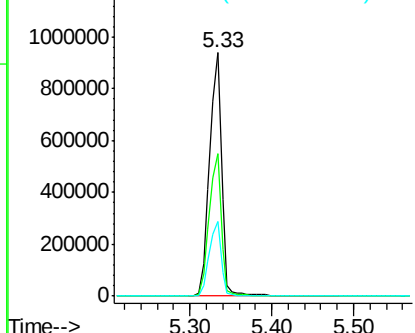
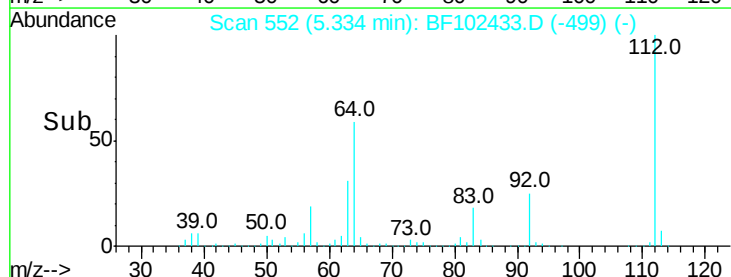
#5

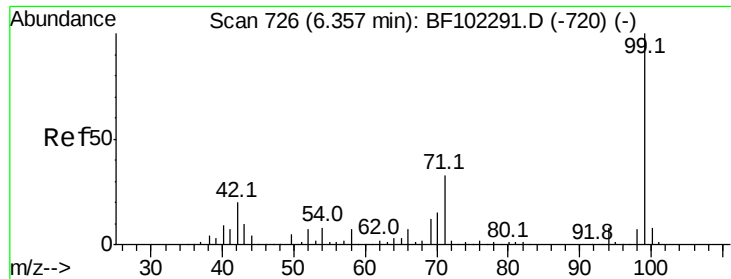
2-Fluorophenol
 Concen: 116.636 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Tgt Ion:112 Resp: 972874
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 30.7 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: 115.416 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

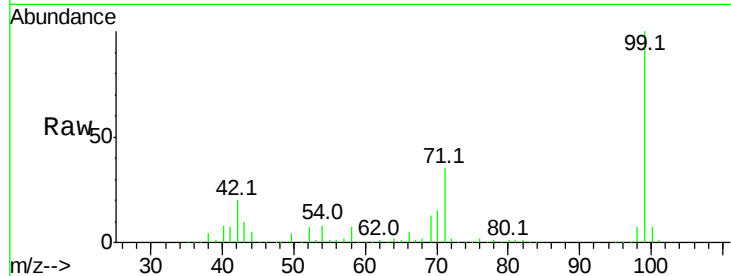
Tot Ion: 99 Resp: 1160621

Ion Ratio Lower Upper

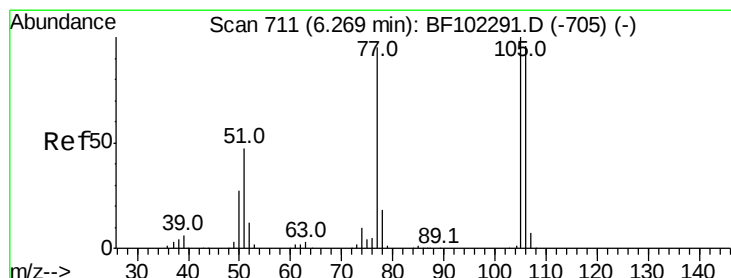
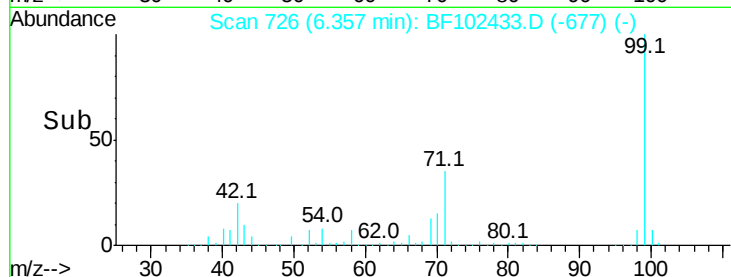
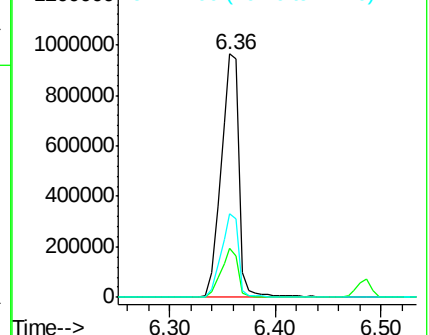
99 100

42 20.4 14.5 21.7

71 34.5 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: 2.852 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

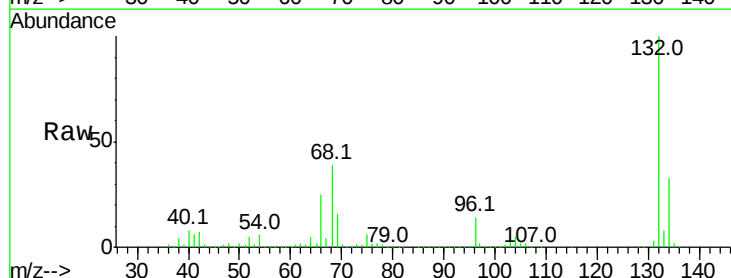
Tgt Ion: 77 Resp: 19909

Ion Ratio Lower Upper

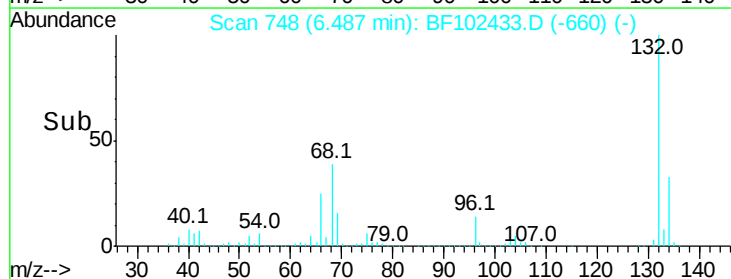
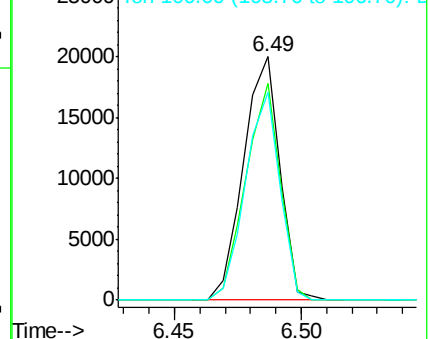
77 100

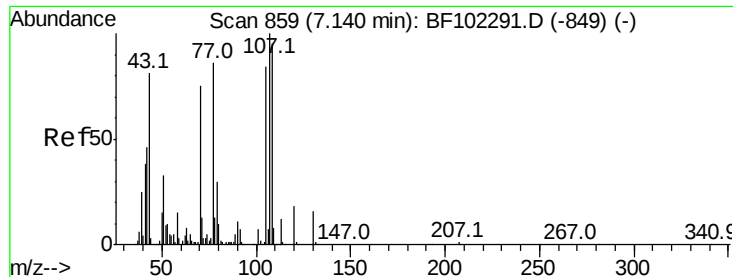
105 89.1 81.1 121.1

106 85.4 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

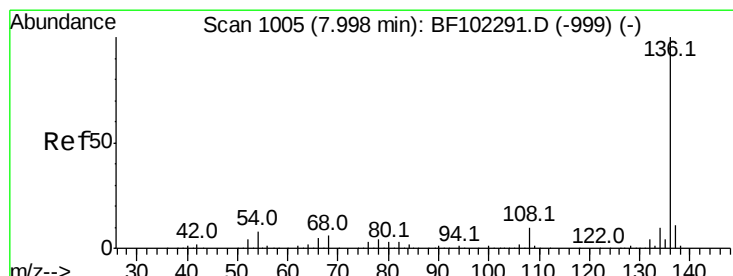
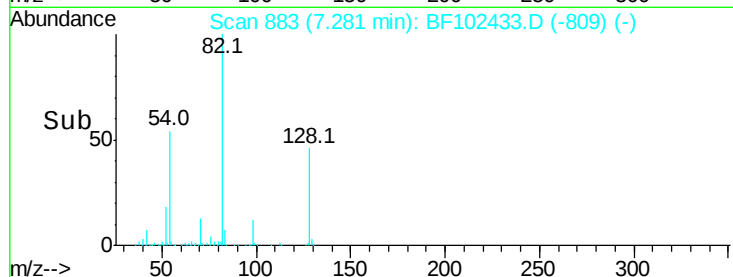
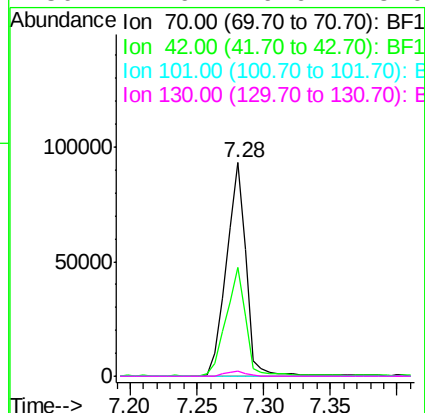
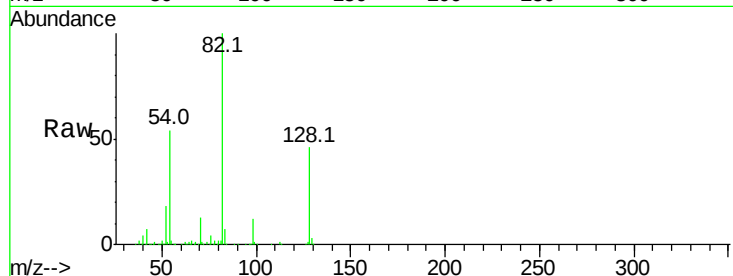




#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

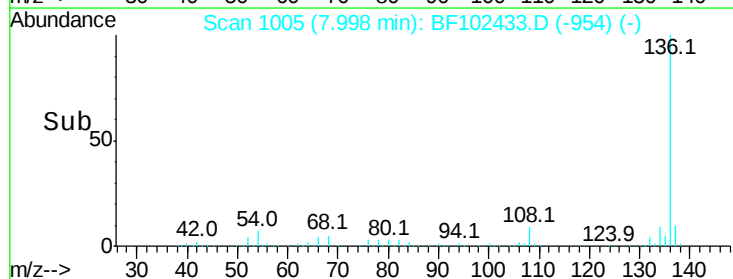
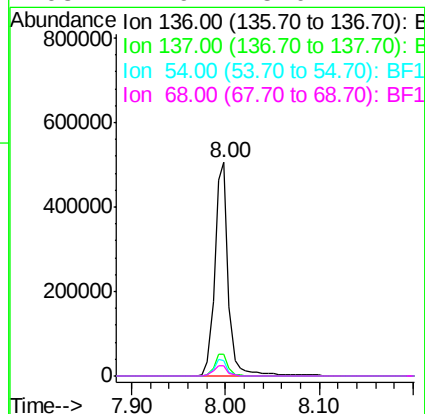
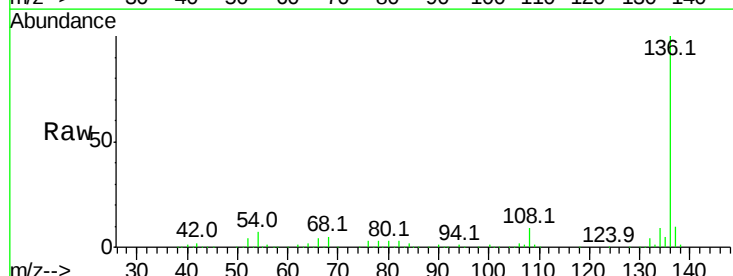
Instrument :
BNA_F
ClientSampleId :

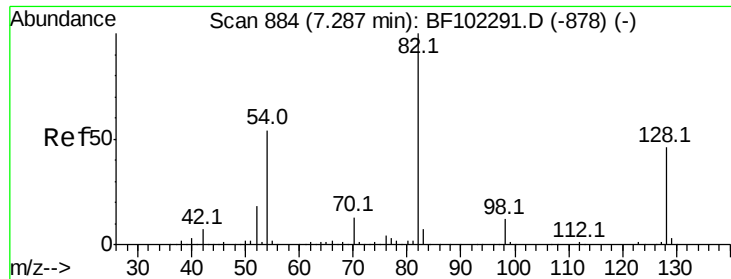
Tot Ion: 70 Resp: 97793
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion:136 Resp: 519666
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.1 6.6 9.8
68 4.9 5.0 7.4#

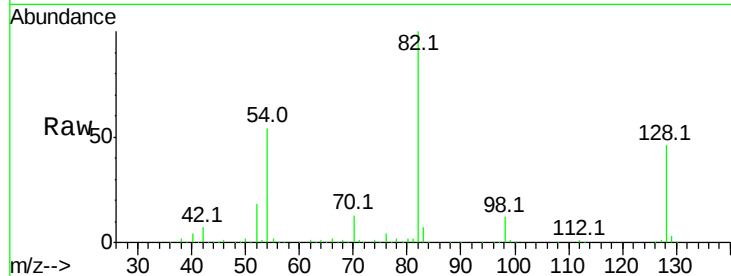




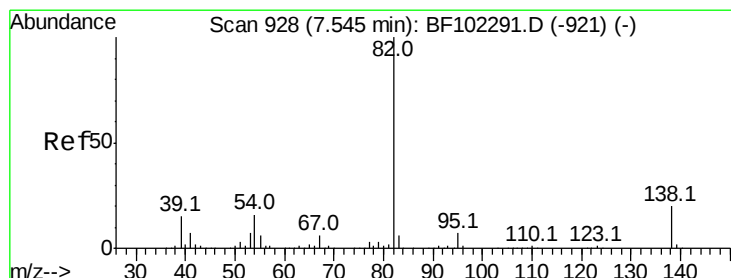
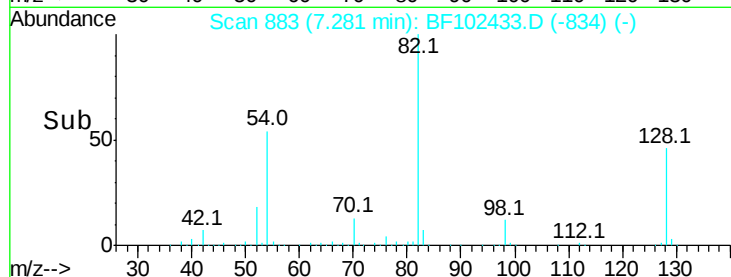
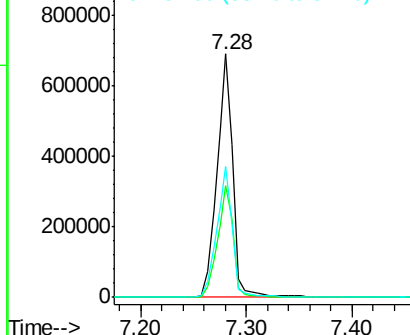
#23
Nitrobenzene-d5
Concen: 81.173 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 734041
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.6 41.4 62.2

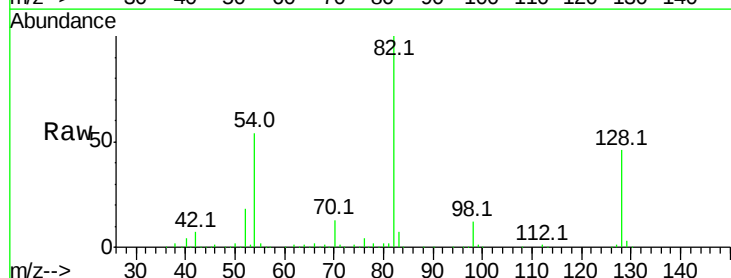


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

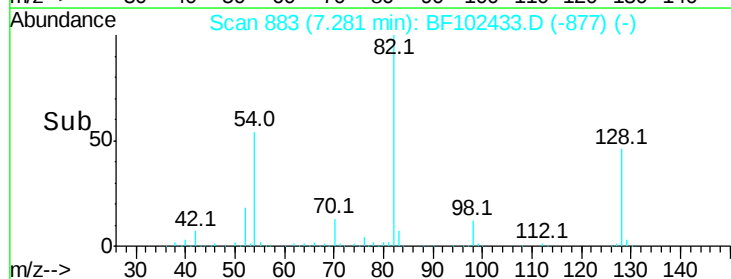
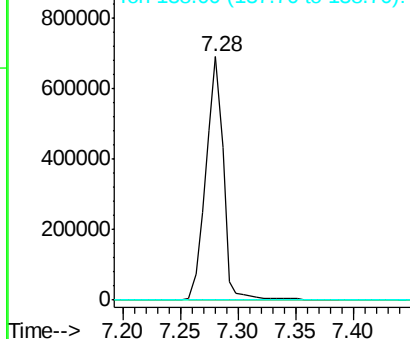


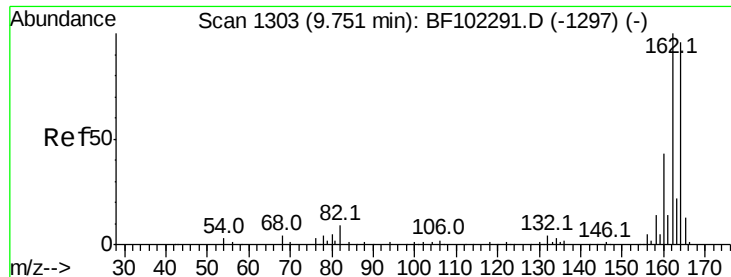
#25
Isophorone
Concen: 44.561 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion: 82 Resp: 718381
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

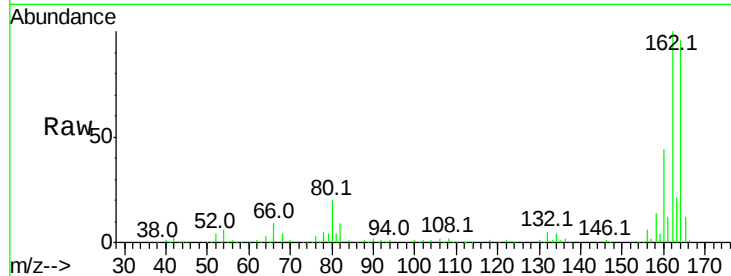




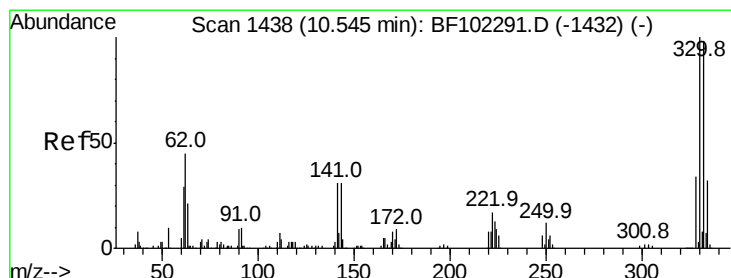
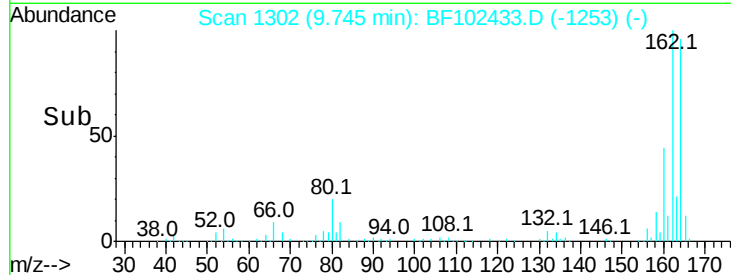
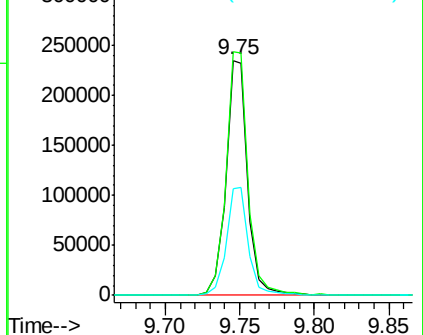
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 242261
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.6 38.3 57.5

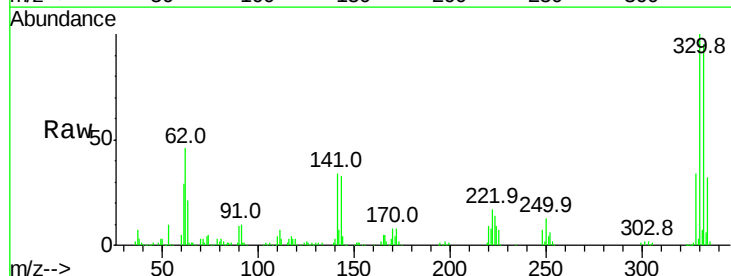


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

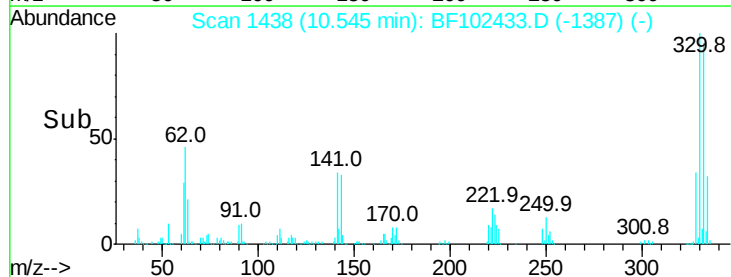
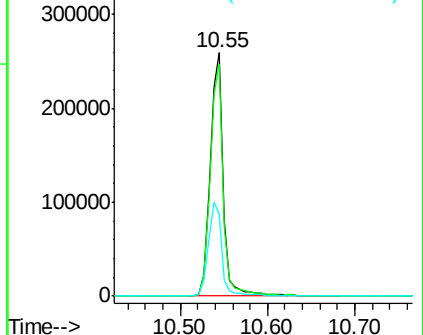


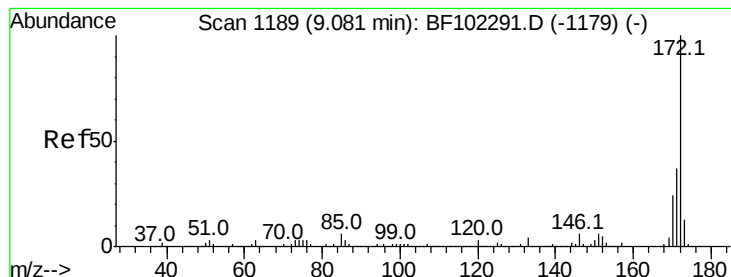
#41
2,4,6-Tribromophenol
Concen: 111.617 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion:330 Resp: 267931
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 40.8 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: 82.974 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

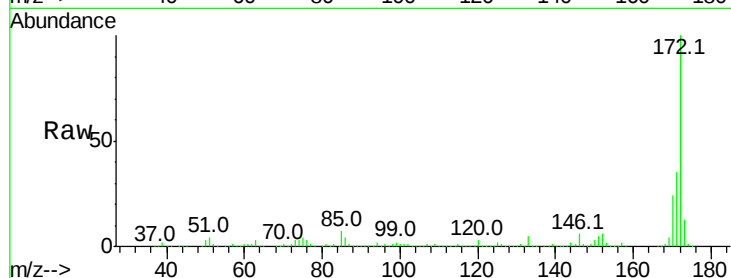
Tot Ion:172 Resp: 1367106

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

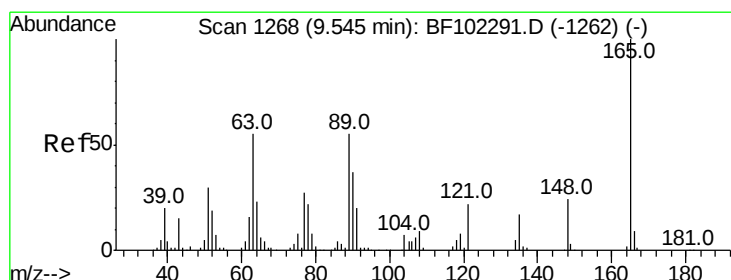
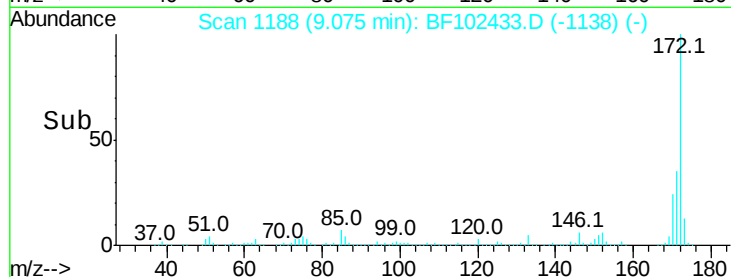
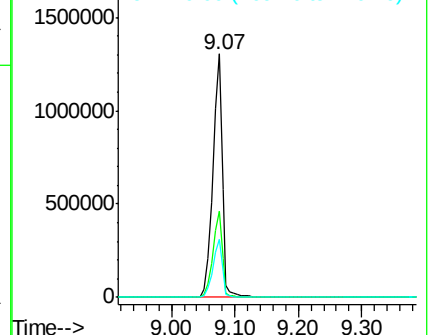
170 24.1 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 6.893 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

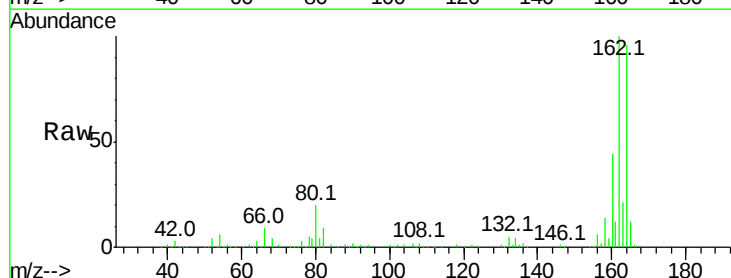
Tgt Ion:165 Resp: 29758

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

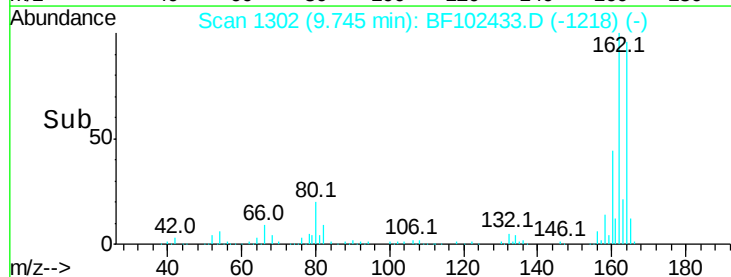
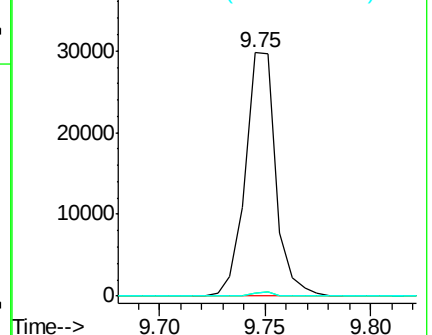
89 1.3 44.0 66.0#

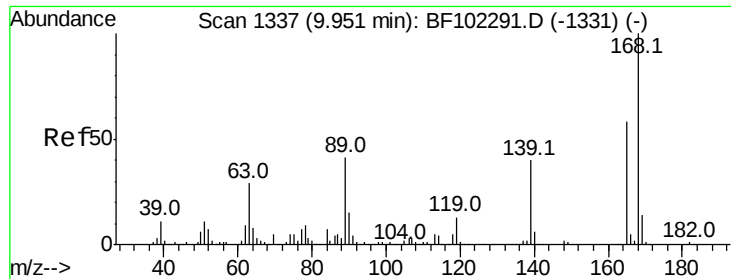


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

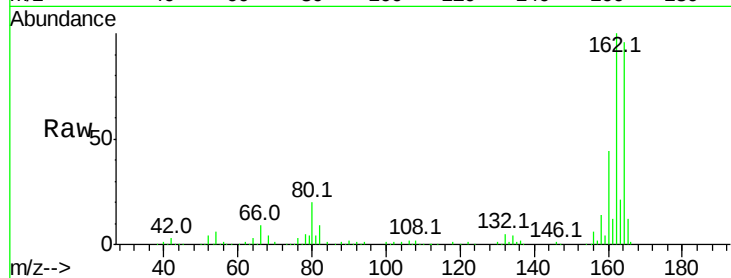




#56
 2,4-Dinitrotoluene
 Concen: 5.605 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

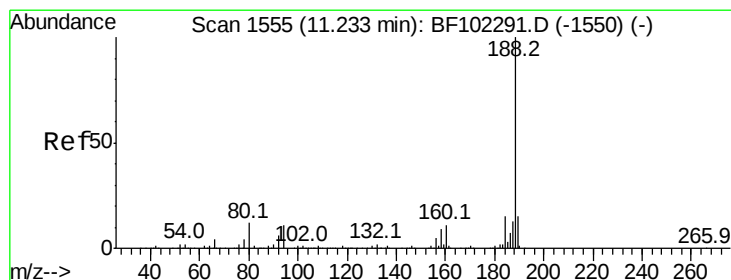
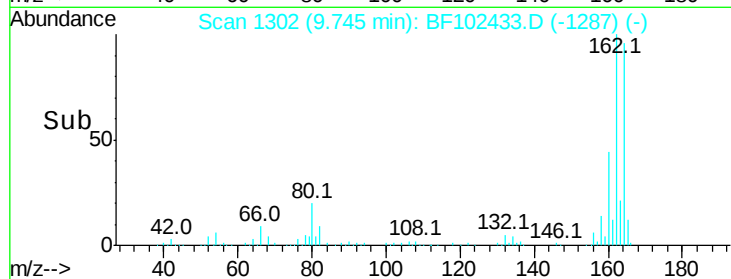
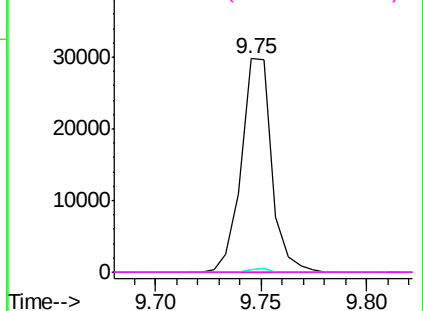


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

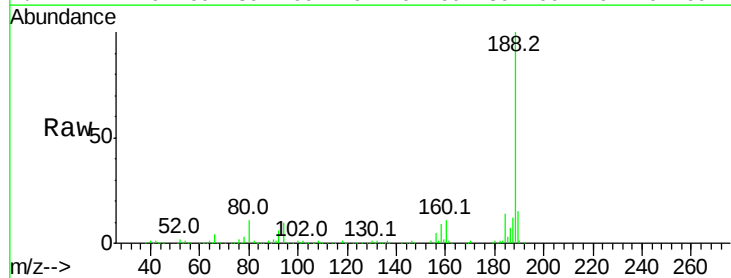
Ion 89.00 (88.70 to 89.70): BF1

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. -0.01 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

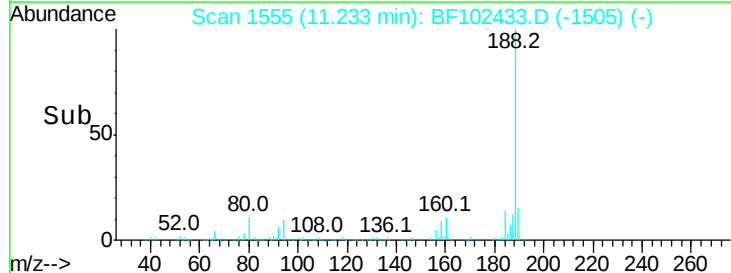
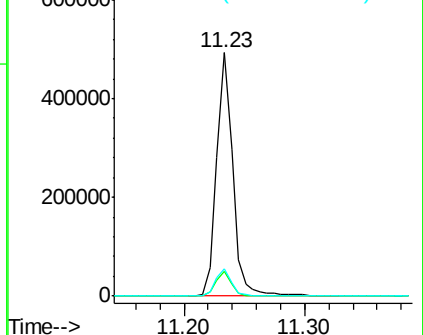
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

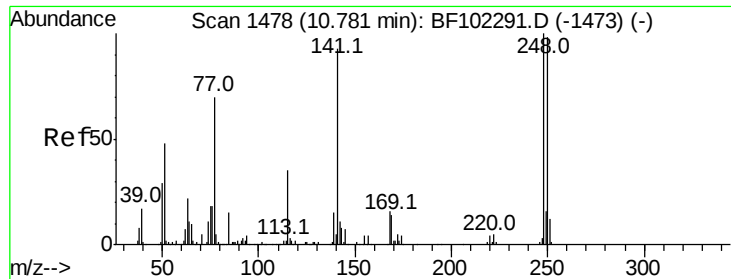


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

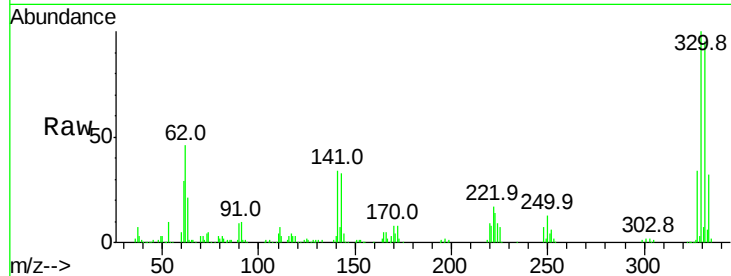




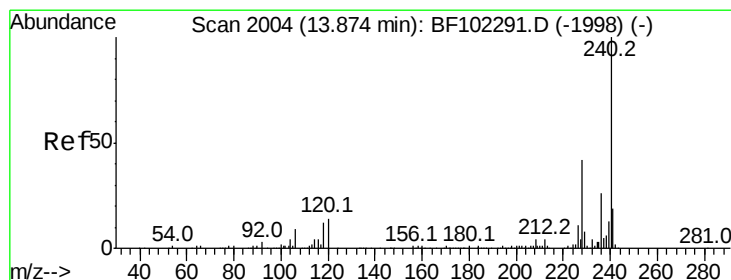
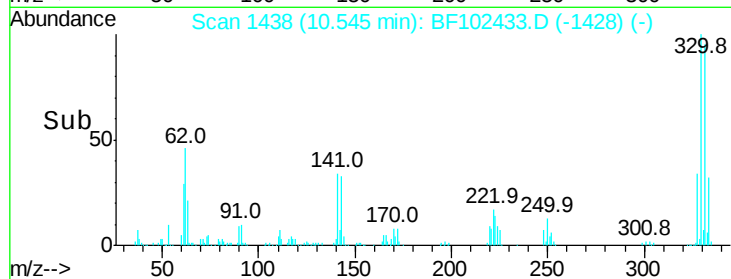
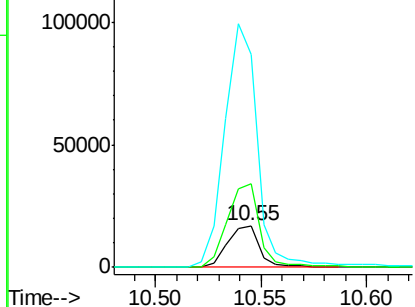
#66
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17677
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 508.9 74.4 111.6#

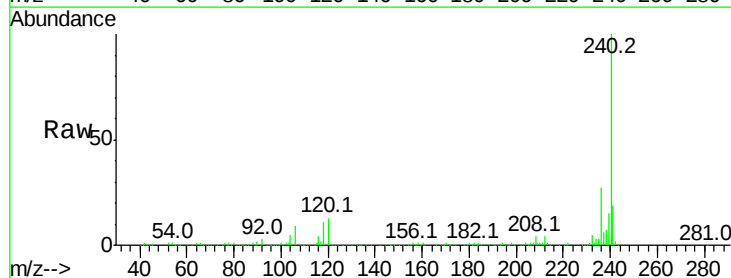


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

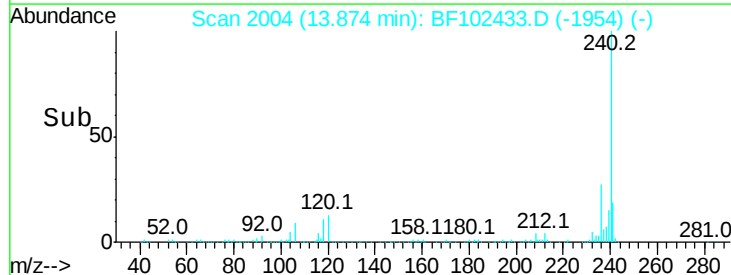
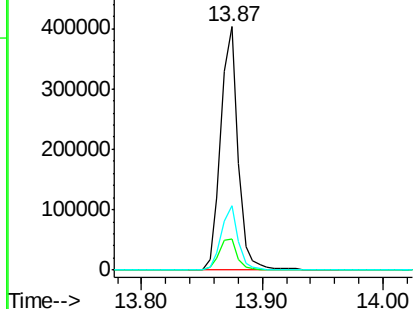


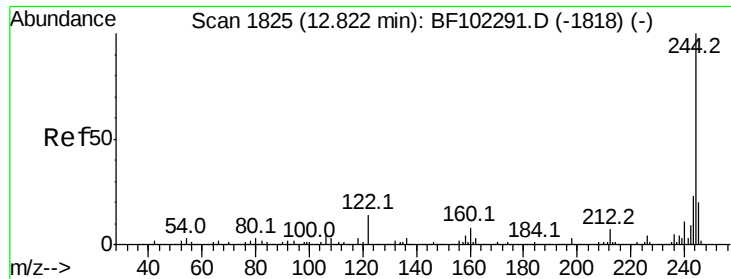
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion:240 Resp: 398363
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.7 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

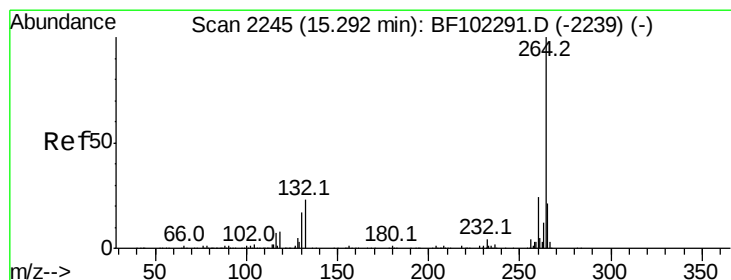
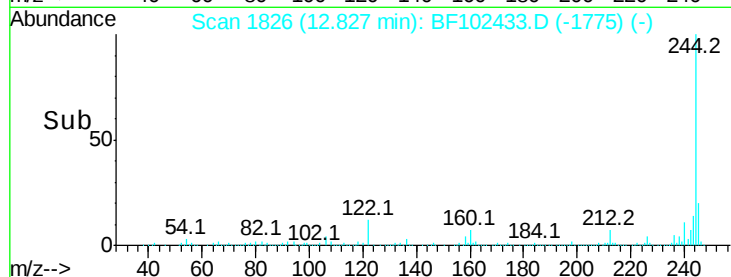
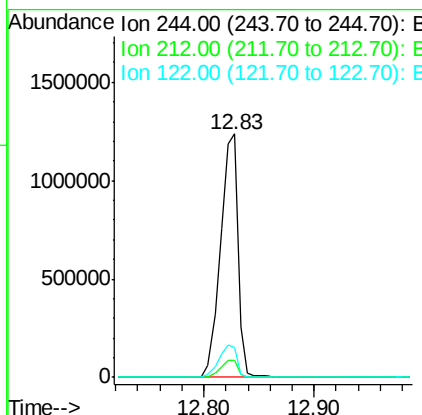
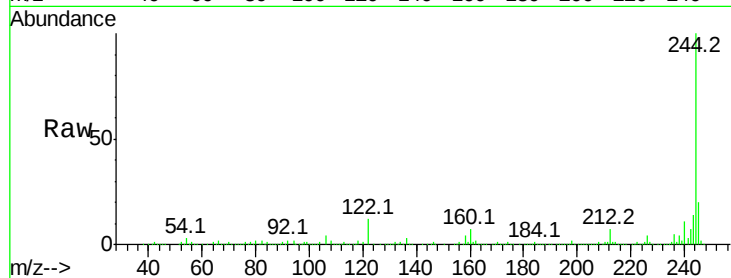




#78
 Terphenyl-d14
 Concen: 77.742 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1373769
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Tgt Ion:264 Resp: 329780
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.1 17.5 26.3

