

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102397.D
 Acq On : 24 Jan 2018 18:45
 Operator : SJ/JU
 Sample : J1250-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:09:49 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

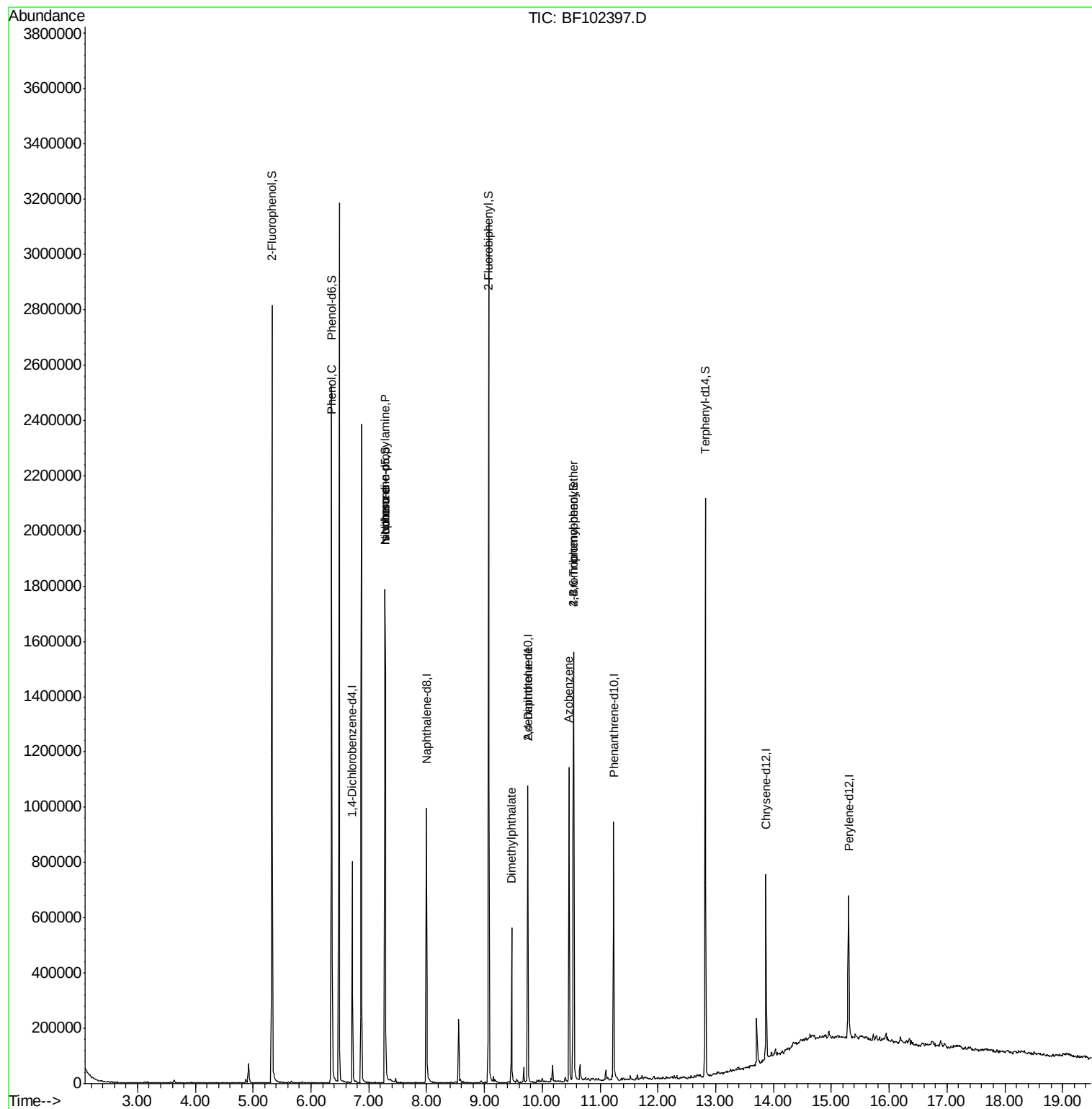
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116724	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	472207	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	205155	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	326429	20.00	ng	0.00
75) Chrysene-d12	13.87	240	238833	20.00	ng	0.00
86) Perylene-d12	15.30	264	232832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	834192	108.36	ng	0.00
7) Phenol-d6	6.36	99	1019060	109.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	631544	76.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	184362	90.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	966605	69.28	ng	0.00
78) Terphenyl-d14	12.82	244	681035	64.28	ng	0.00
Target Compounds						
10) Phenol	6.37	94	48014	4.739	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	84648	14.904	ng	# 79
25) Isophorone	7.28	82	626069	42.738	ng	# 64
49) Dimethylphthalate	9.47	163	216651	12.776	ng	100
56) 2,4-Dinitrotoluene	9.75	165	25905	5.762	ng	# 23
62) Azobenzene	10.46	77	197022	13.059	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	12914	3.675	ng	# 1

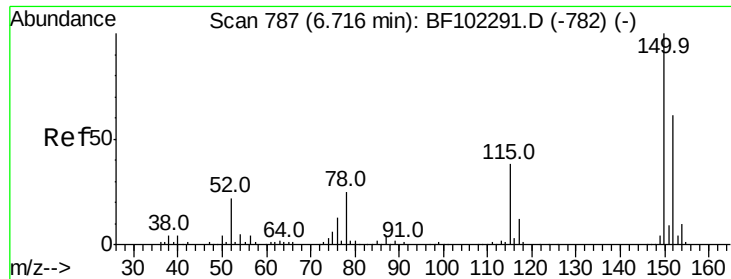
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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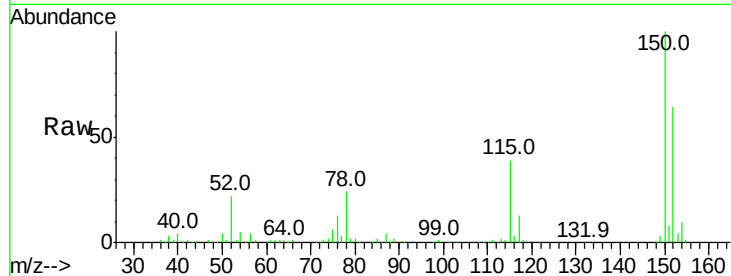


#1

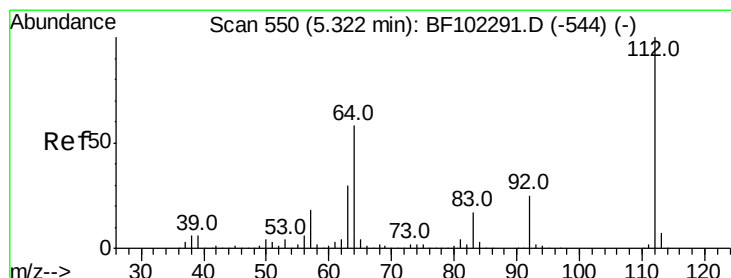
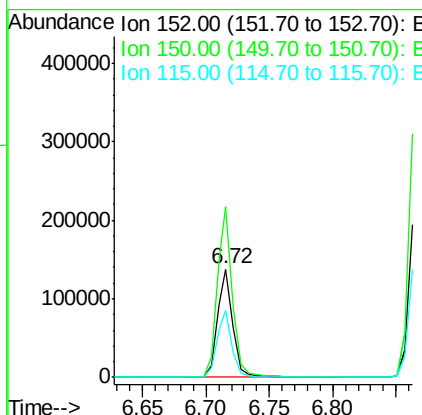
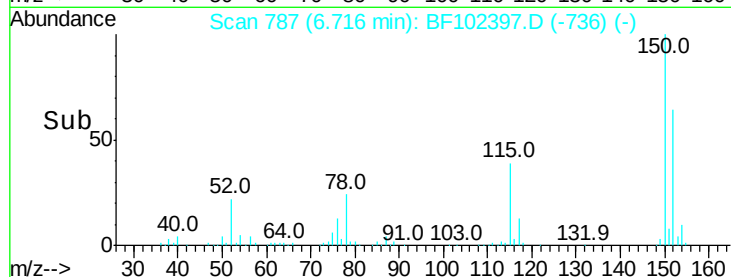
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116724
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 61.3 50.1 75.1



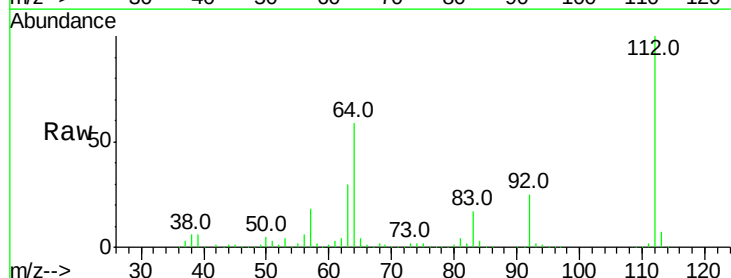
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



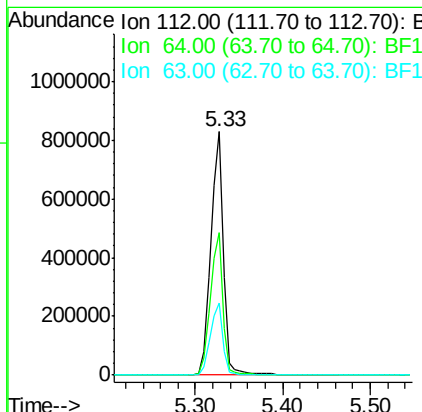
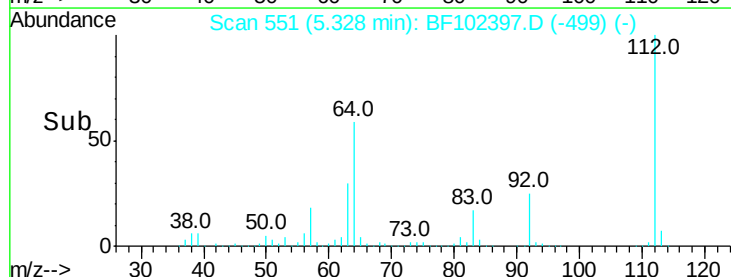
#5

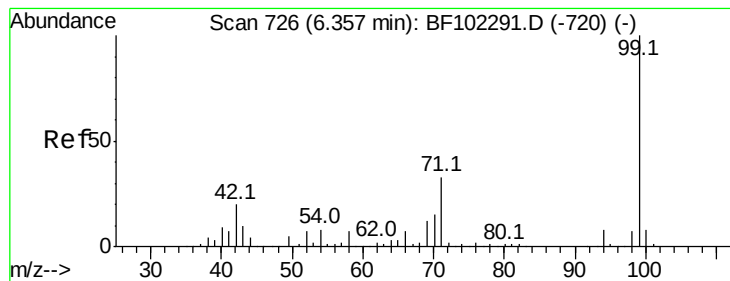
2-Fluorophenol
Concen: 108.363 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion:112 Resp: 834192
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.6 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: 109.803 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampled :

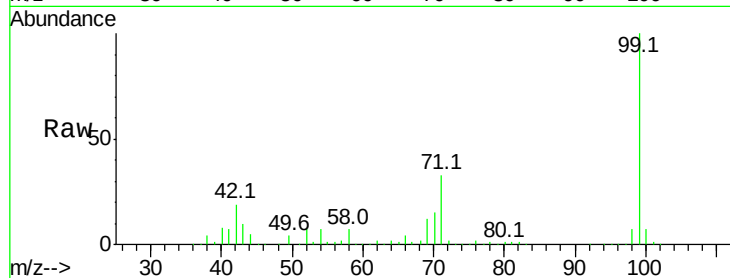
Tot Ion: 99 Resp: 1019060

Ion Ratio Lower Upper

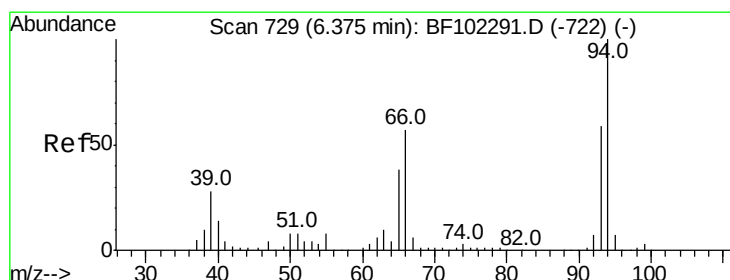
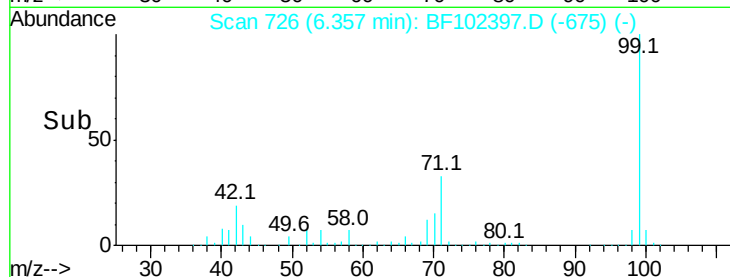
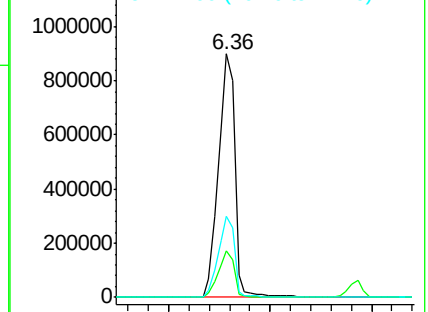
99 100

42 19.3 14.5 21.7

71 33.5 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



#10

Phenol

Concen: 4.739 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

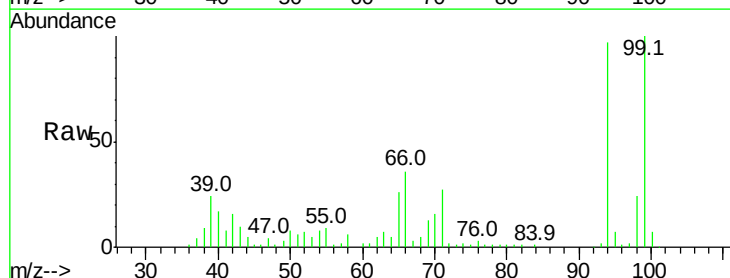
Tgt Ion: 94 Resp: 48014

Ion Ratio Lower Upper

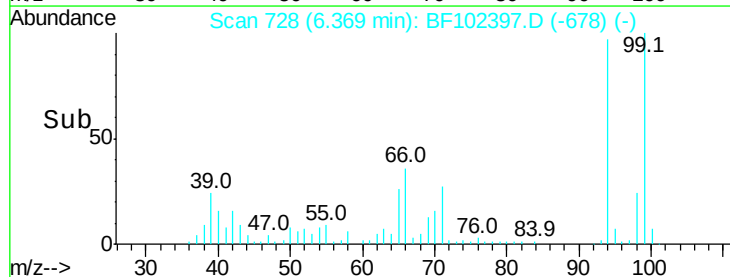
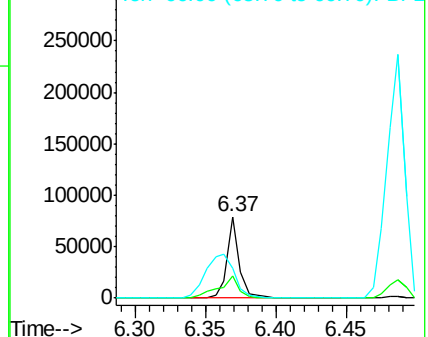
94 100

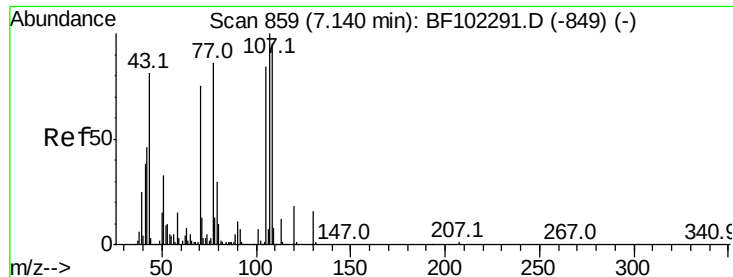
65 26.7 7.9 47.9

66 37.3 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

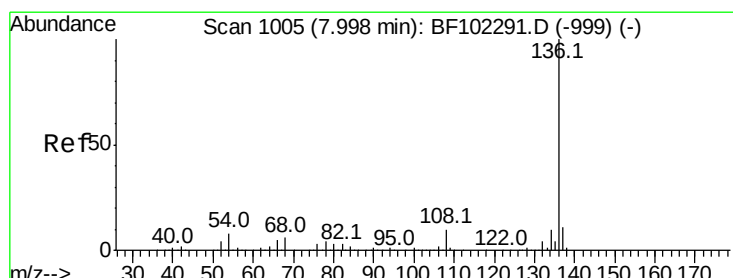
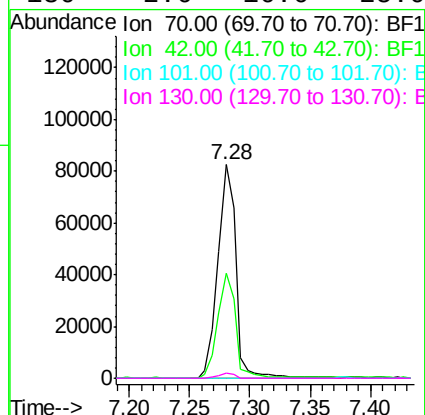
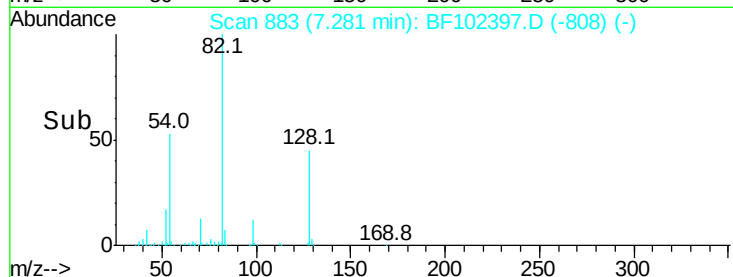
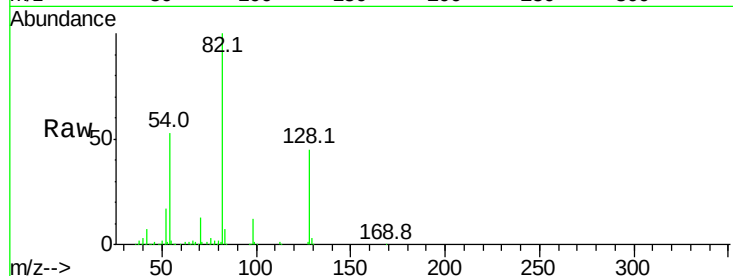




#19
n-Nitroso-di-n-propylamine
Concen: 14.904 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

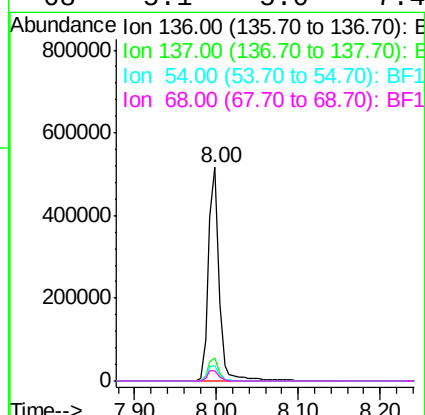
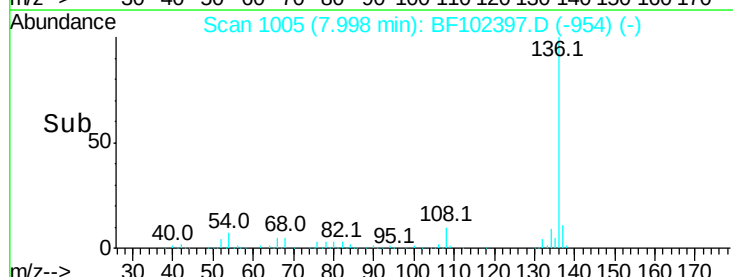
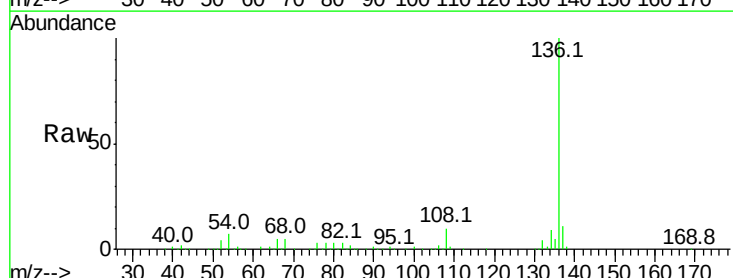
Instrument :
BNA_F
ClientSampleId :

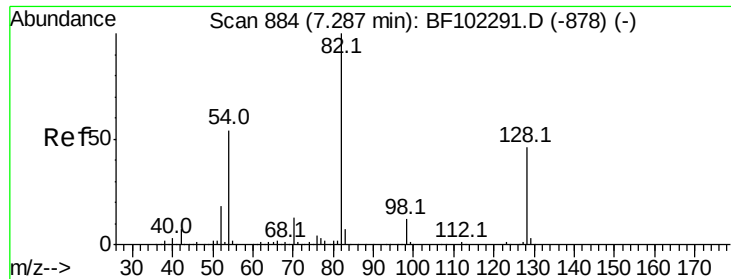
Tot Ion: 70 Resp: 84648
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion: 136 Resp: 472207
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.4 6.6 9.8
68 5.1 5.0 7.4

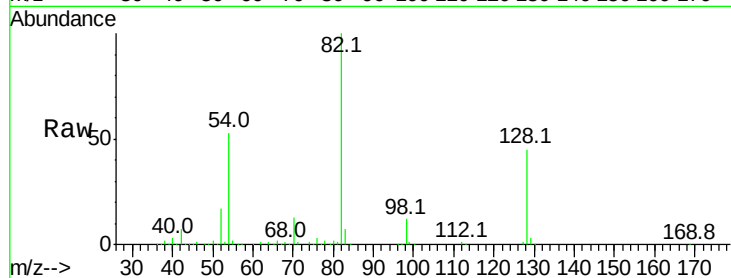




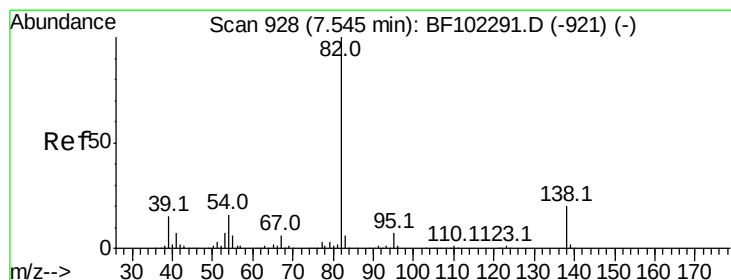
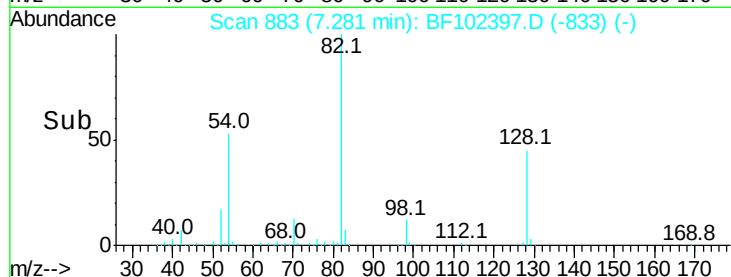
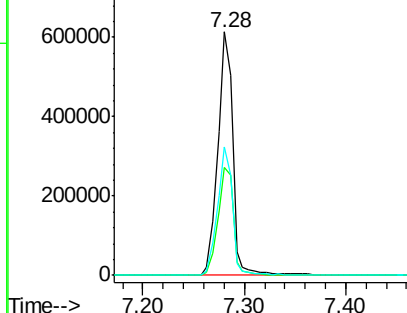
#23
Nitrobenzene-d5
Concen: 76.858 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 631544
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 53.0 41.4 62.2

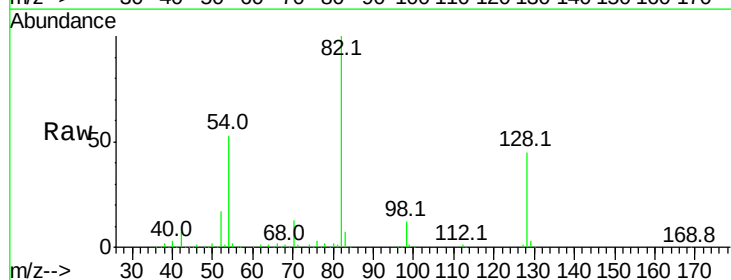


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

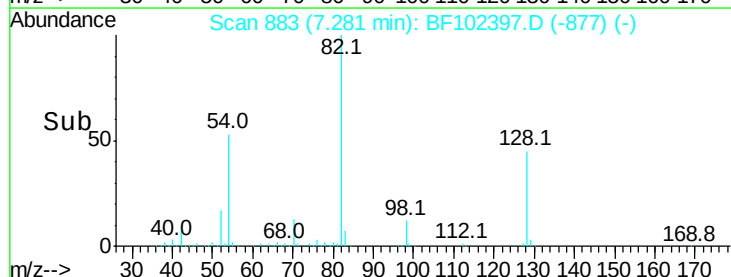
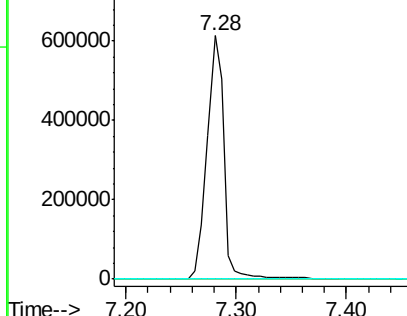


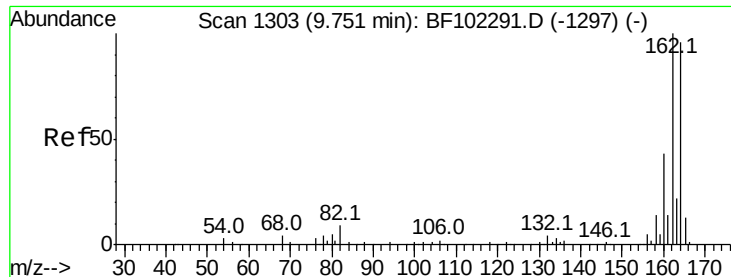
#25
Isophorone
Concen: 42.738 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion: 82 Resp: 626069
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

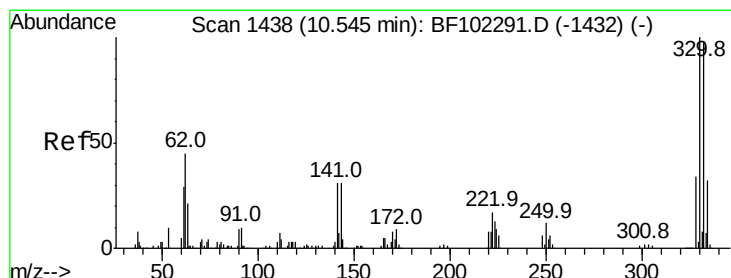
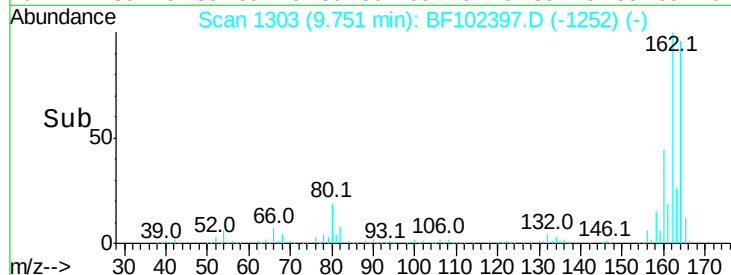
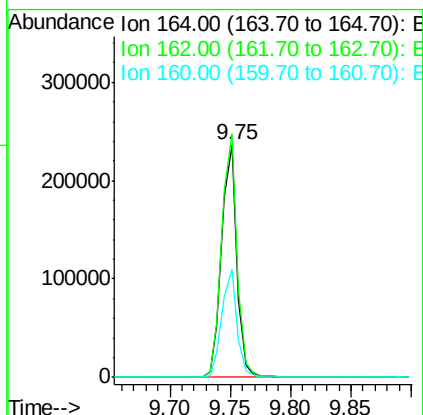
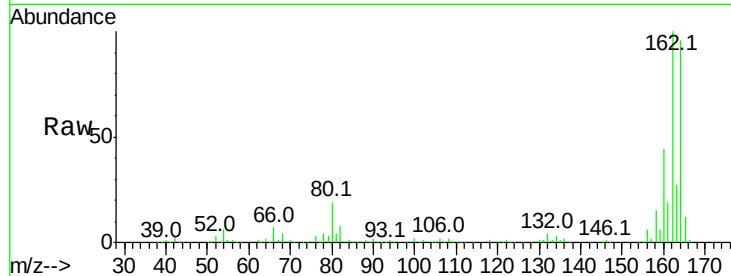




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102397.D
 Acq: 24 Jan 2018 18:45

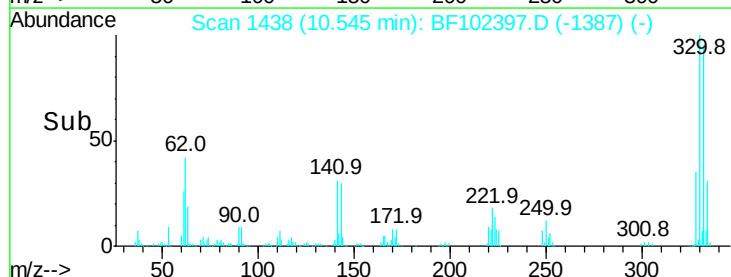
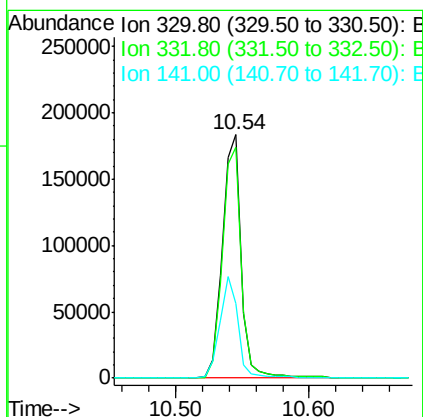
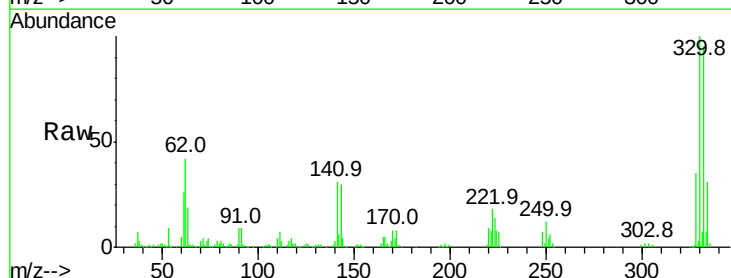
Instrument :
 BNA_F
 ClientSampleId :

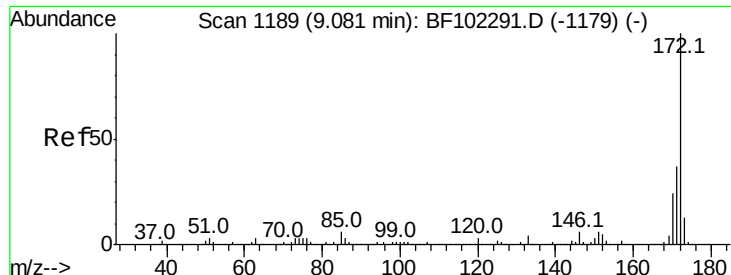
Tot Ion:164 Resp: 205155
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.694 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102397.D
 Acq: 24 Jan 2018 18:45

Tgt Ion:330 Resp: 184362
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 40.5 29.9 44.9

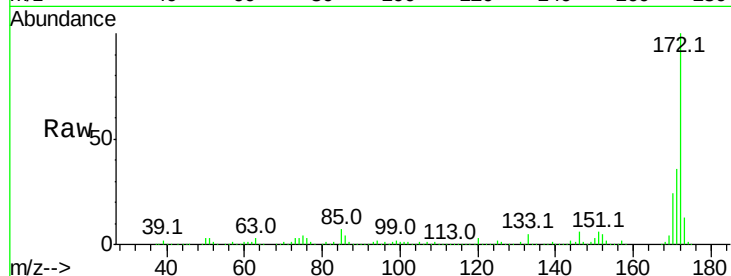




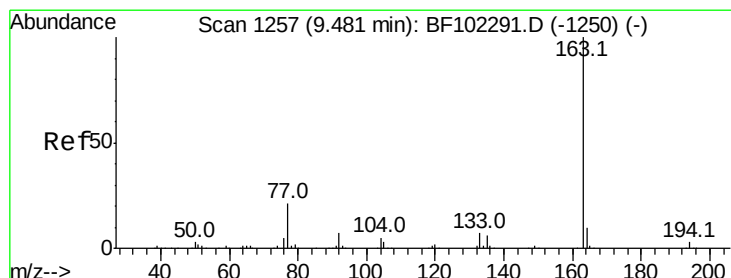
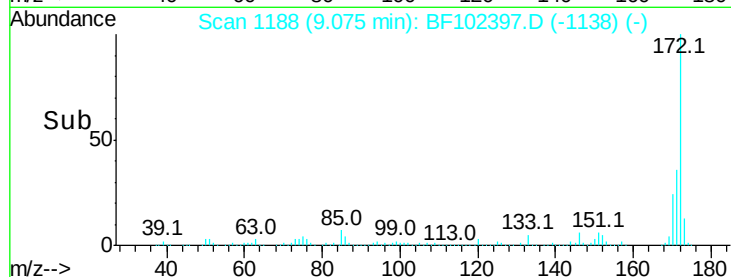
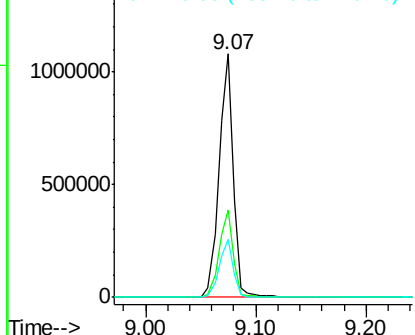
#44
2-Fluorobiphenyl
Concen: 69.277 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

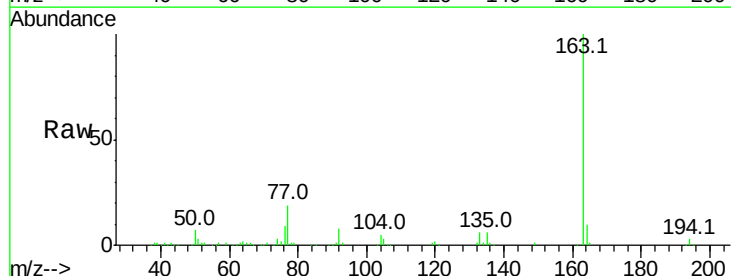


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

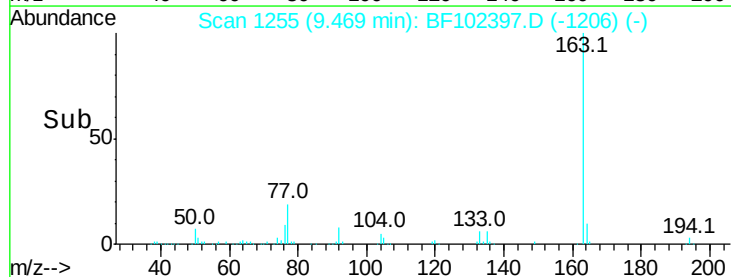
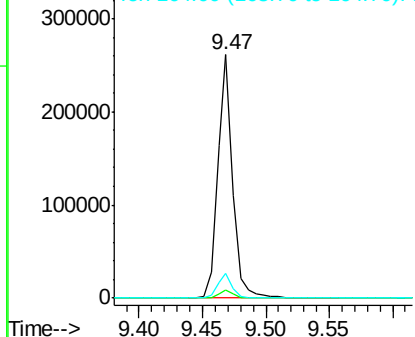


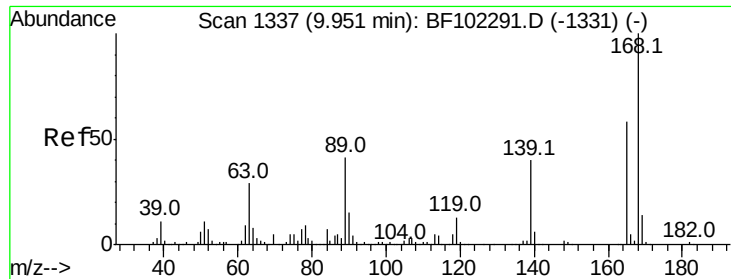
#49
Dimethylphthalate
Concen: 12.776 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	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

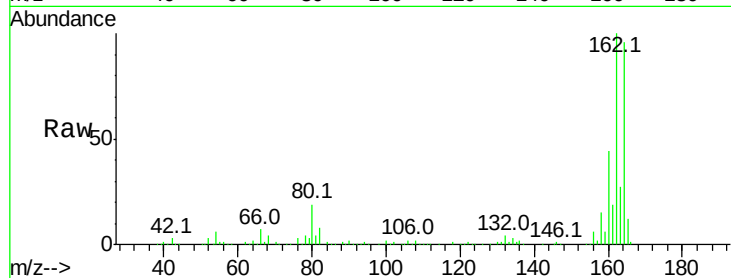




#56
 2,4-Dinitrotoluene
 Concen: 5.762 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102397.D
 Acq: 24 Jan 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	25905
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

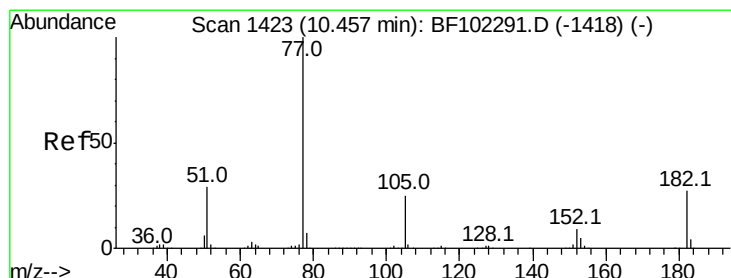
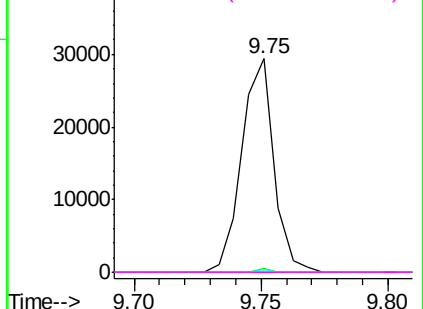
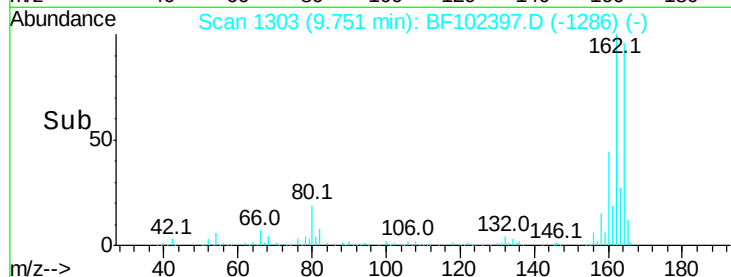


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

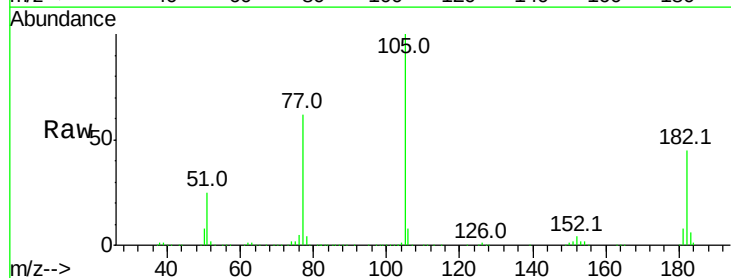
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 13.059 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF102397.D
 Acq: 24 Jan 2018 18:45

Tgt Ion:	77	Resp:	197022
Ion	Ratio	Lower	Upper
77	100		
182	72.7	1.7	41.7#
105	161.5	3.0	43.0#
51	40.7	9.9	49.9

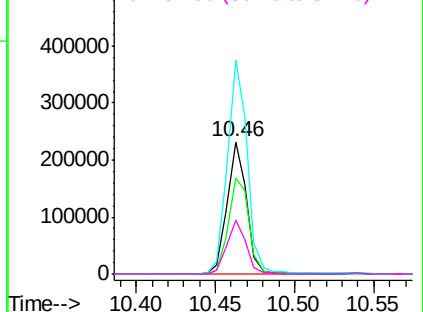
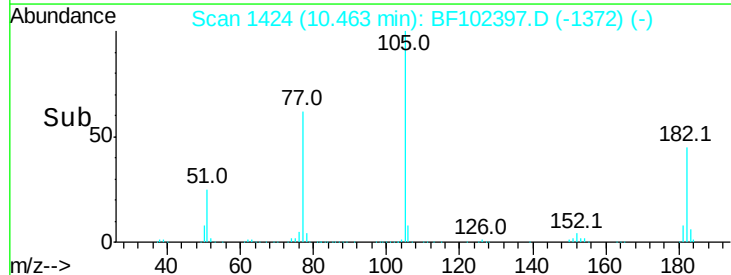


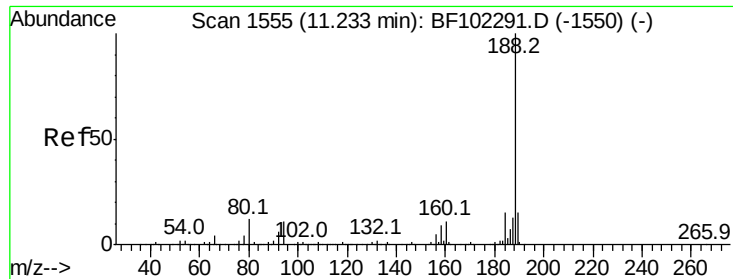
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

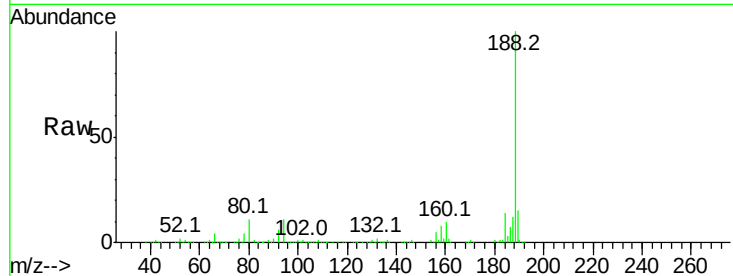
Tot Ion:188 Resp: 326429

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 10.9 9.2 13.8



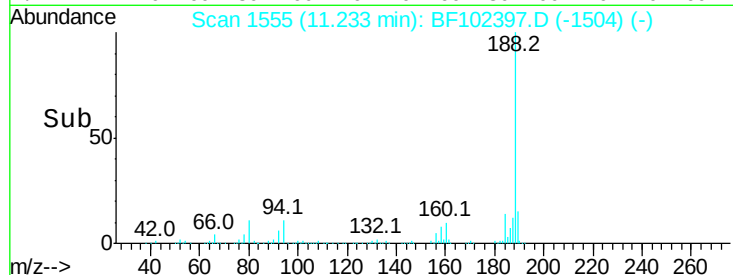
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.23

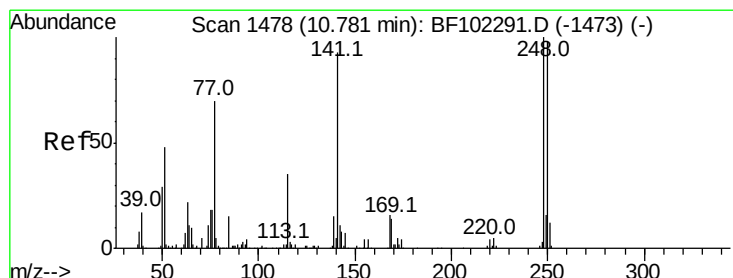
Time-->



Abundance

11.23

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.675 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

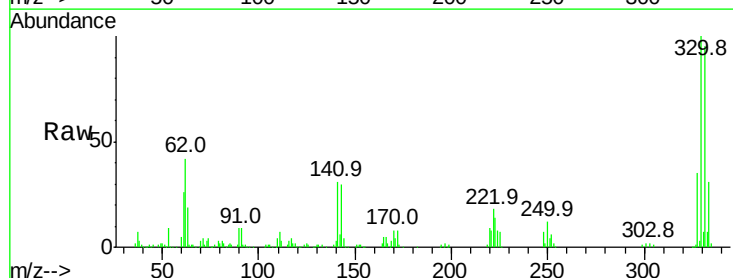
Tgt Ion:248 Resp: 12914

Ion Ratio Lower Upper

248 100

250 175.3 76.9 115.3#

141 436.6 74.4 111.6#



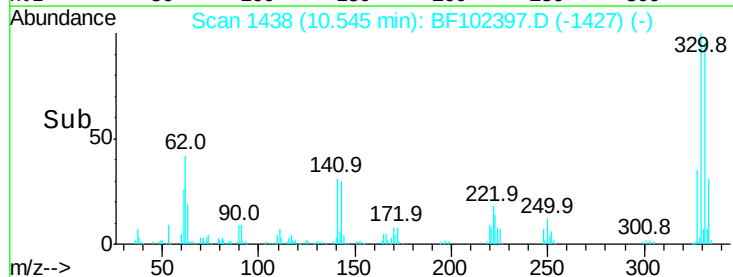
Abundance Ion 248.00 (247.70 to 248.70): E

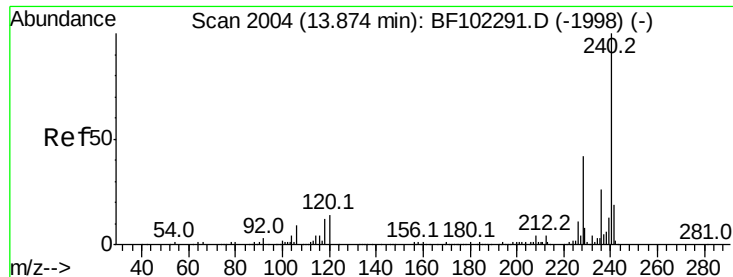
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.54

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

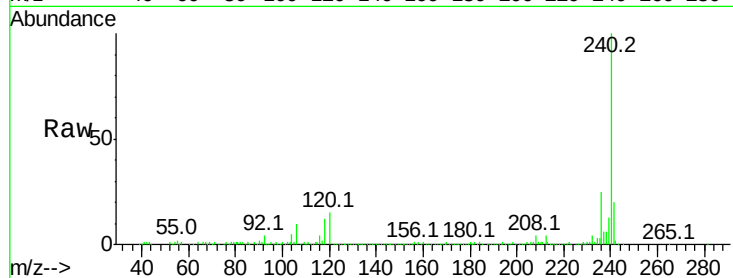
Tot Ion:240 Resp: 238833

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

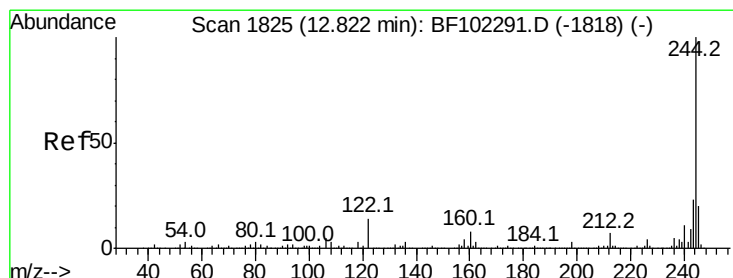
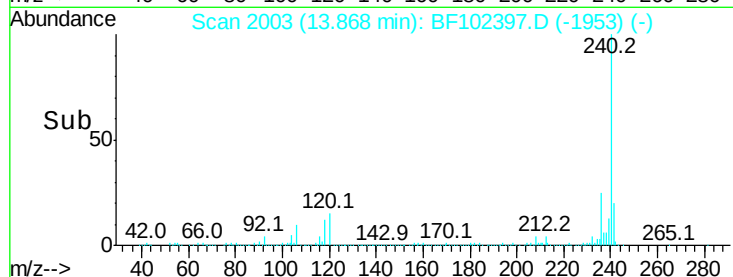
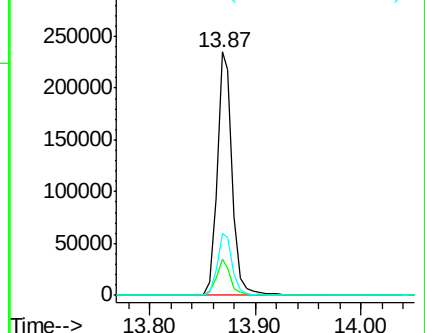
236 25.2 20.7 31.1



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: 64.283 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

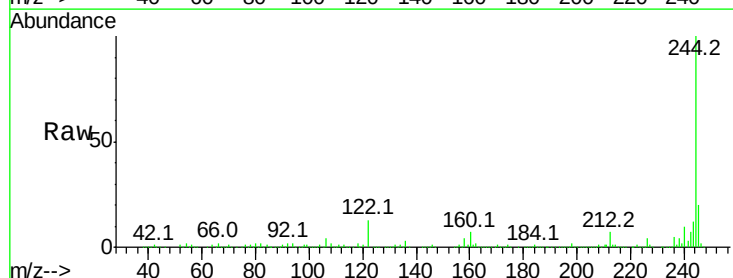
Tgt Ion:244 Resp: 681035

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

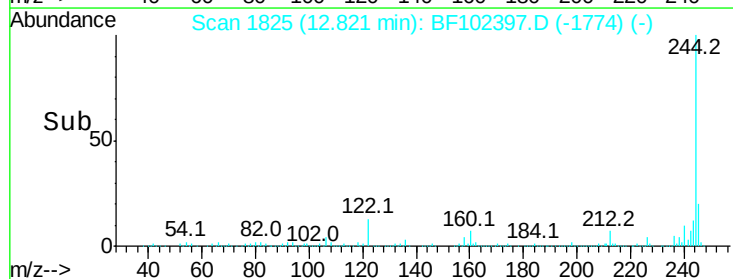
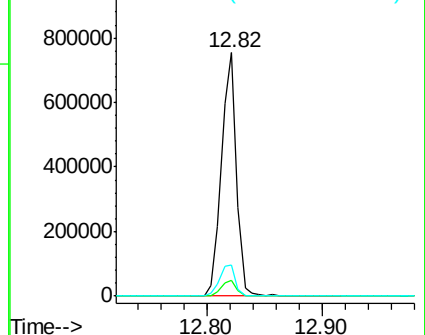
122 12.8 11.0 16.4

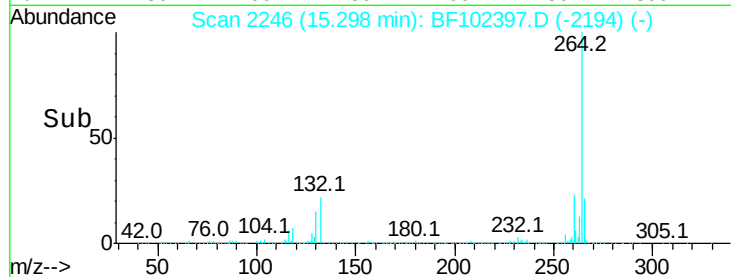
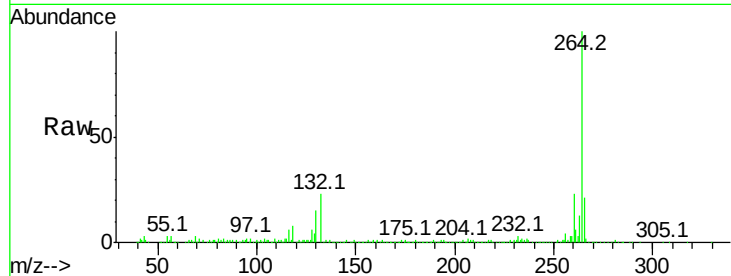
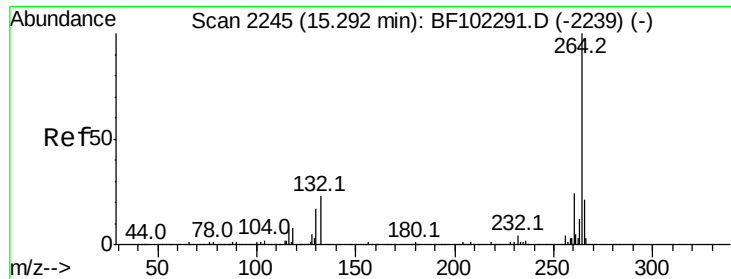


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 232832

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.5 17.5 26.3

