

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102398.D
 Acq On : 24 Jan 2018 19:12
 Operator : SJ/JU
 Sample : J1249-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:10:04 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

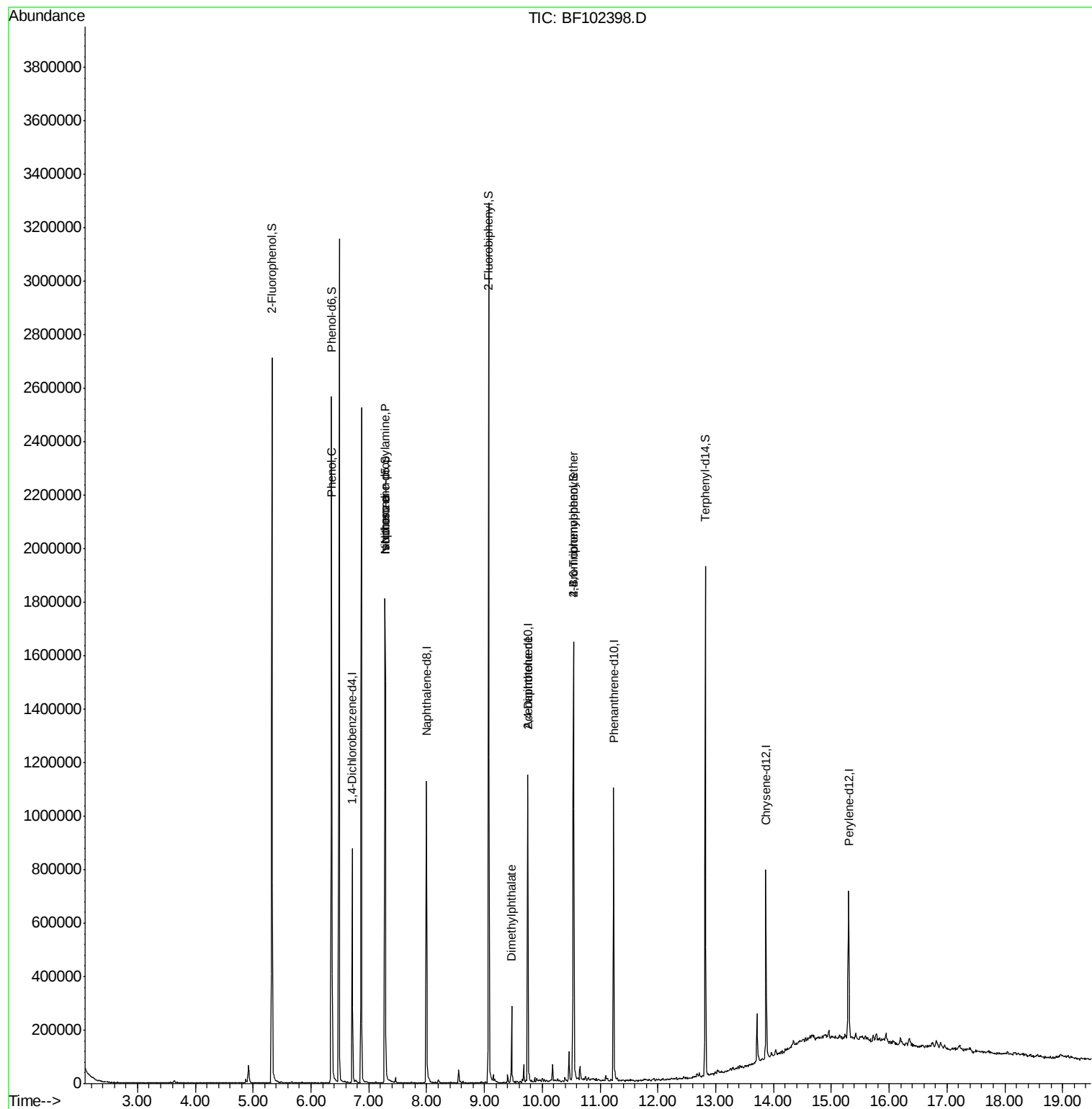
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128710	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	533811	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237197	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	372396	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251368	20.00	ng	0.00
86) Perylene-d12	15.30	264	242774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836472	98.54	ng	0.00
7) Phenol-d6	6.36	99	1024604	100.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	644795	69.41	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	181186	77.09	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1005159	62.31	ng	0.00
78) Terphenyl-d14	12.82	244	639431	57.35	ng	0.00
Target Compounds						
10) Phenol	6.37	94	51984	4.653	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	85146	13.595	ng	# 80
25) Isophorone	7.28	82	633046	38.227	ng	# 64
49) Dimethylphthalate	9.47	163	113867	5.808	ng	98
56) 2,4-Dinitrotoluene	9.75	165	30460	5.860	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12458	3.108	ng	# 1

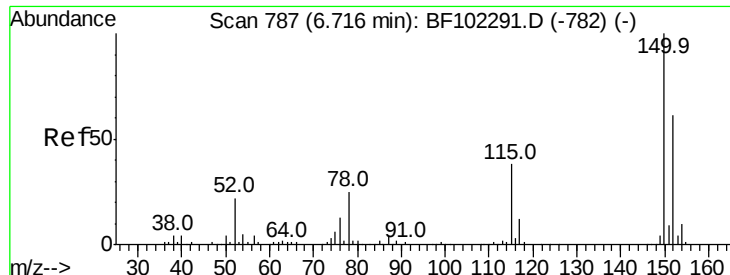
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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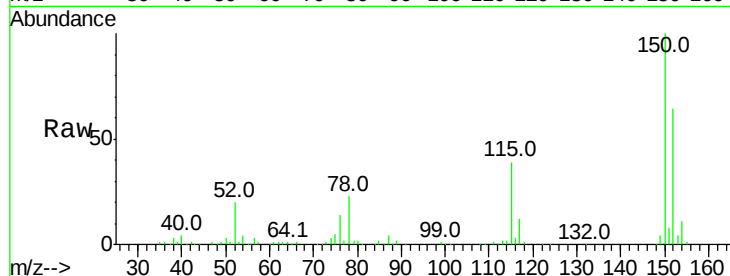


#1

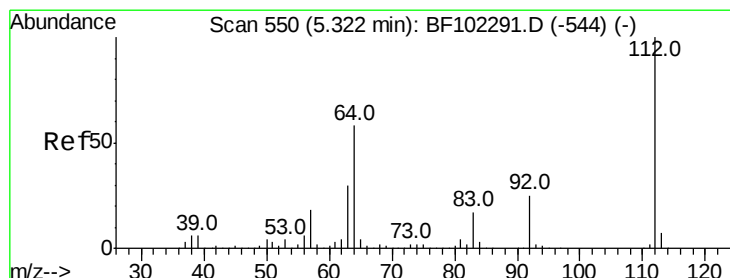
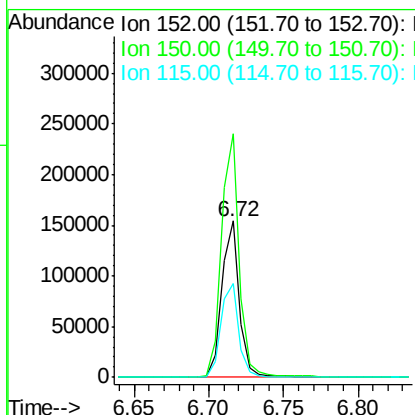
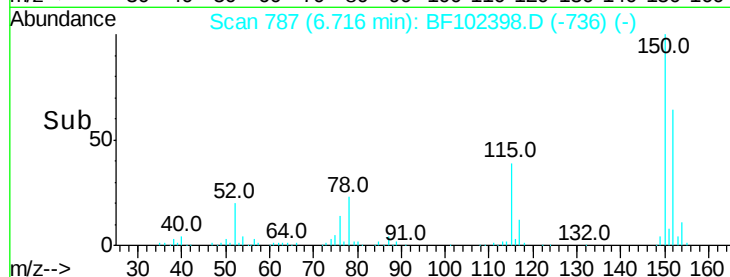
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128710
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.3 50.1 75.1



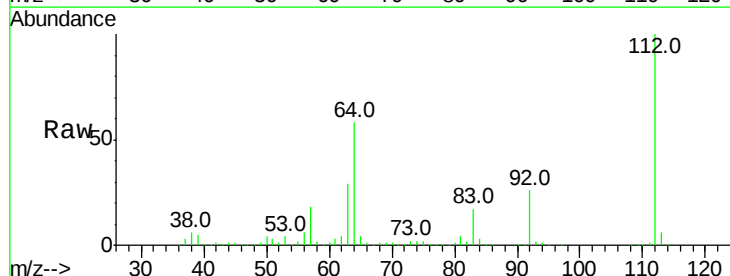
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



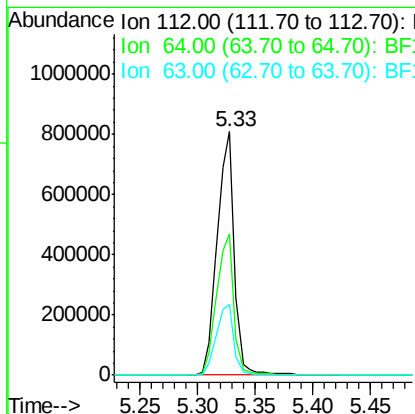
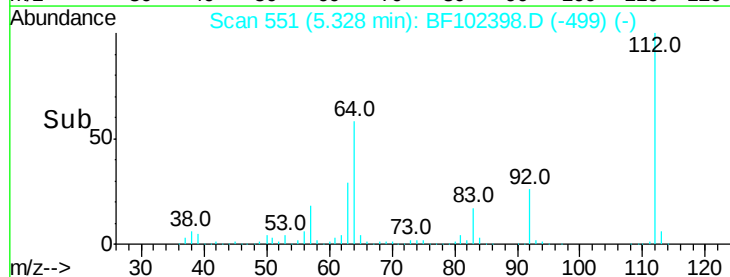
#5

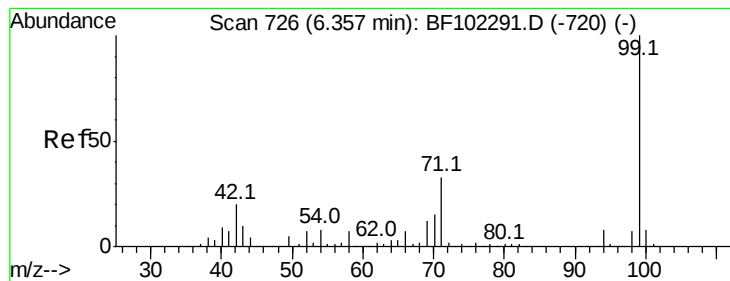
2-Fluorophenol
Concen: 98.540 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:112 Resp: 836472
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.0 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: 100.119 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

Instrument :

BNA_F

ClientSampled :

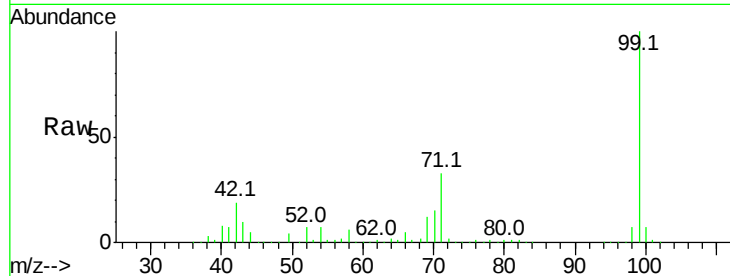
Tot Ion: 99 Resp: 1024604

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.1	25.4	38.0

99 100

42 19.1 14.5 21.7

71 33.1 25.4 38.0

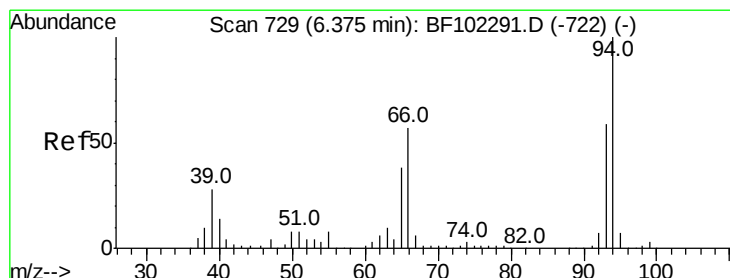
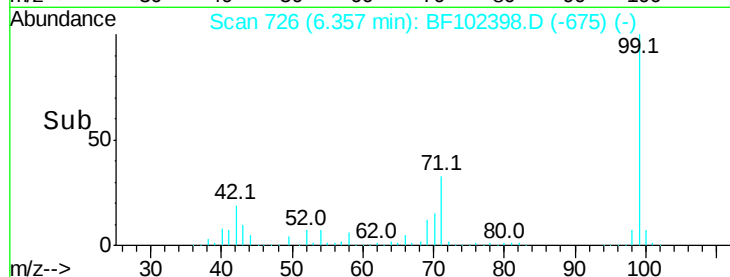
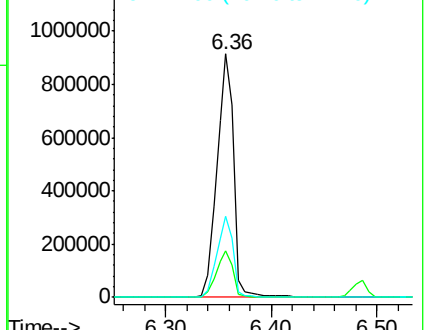


Abundance

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: 4.653 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

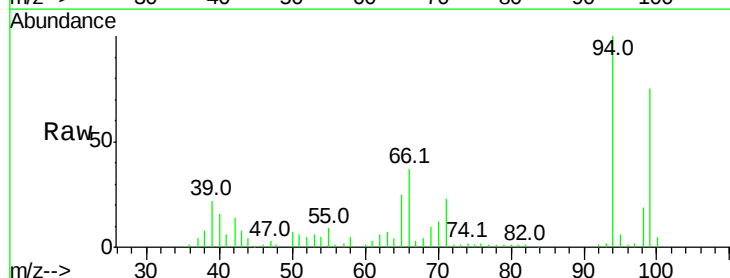
Tgt Ion: 94 Resp: 51984

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.9	47.9
66	37.1	16.2	56.2

94 100

65 25.3 7.9 47.9

66 37.1 16.2 56.2

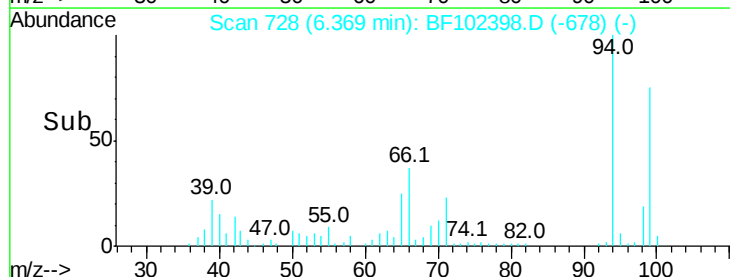
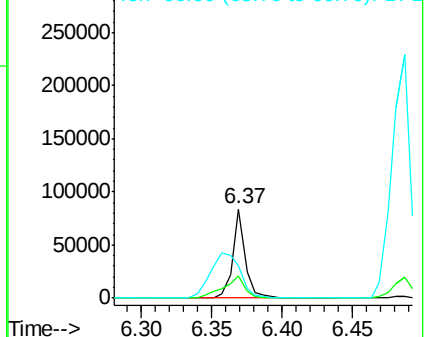


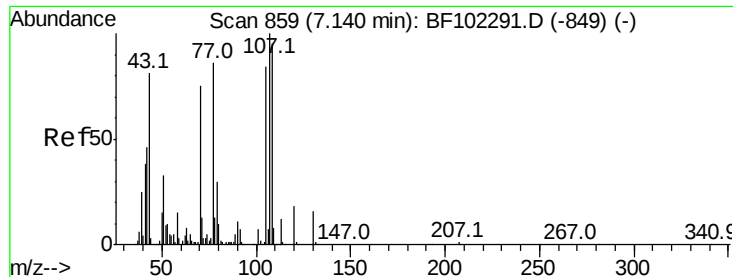
Abundance

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

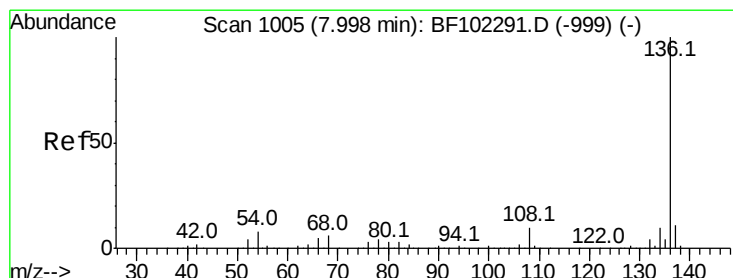
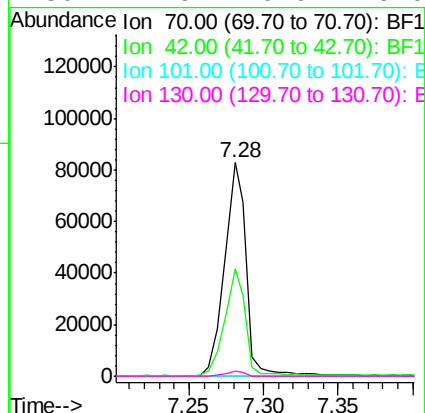
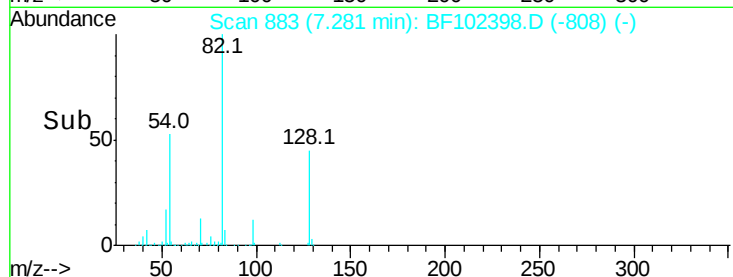
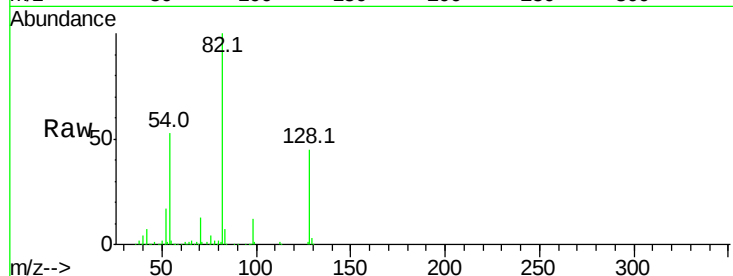




#19
n-Nitroso-di-n-propylamine
Concen: 13.595 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

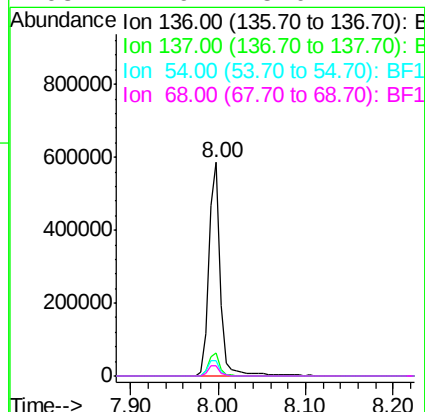
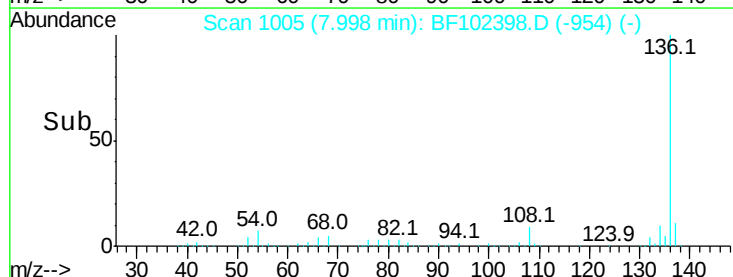
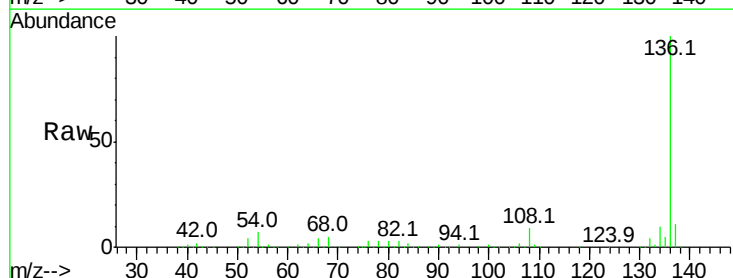
Instrument :
BNA_F
ClientSampleId :

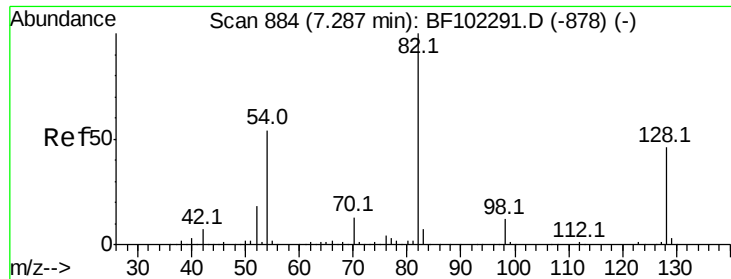
Tot Ion: 70 Resp: 85146
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:136 Resp: 533811
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.6 9.8
68 4.9 5.0 7.4#

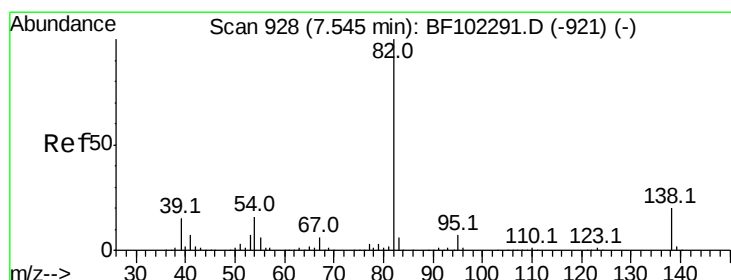
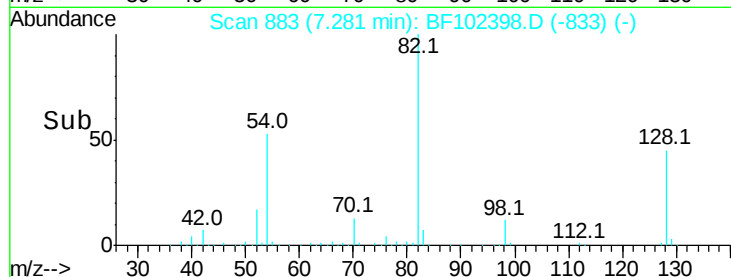
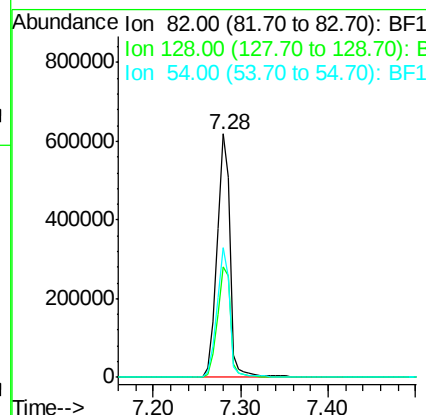
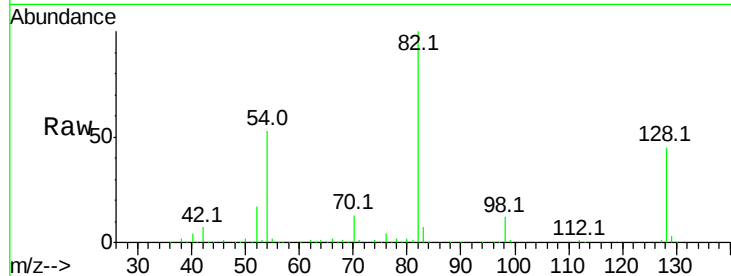




#23
 Nitrobenzene-d5
 Concen: 69.415 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

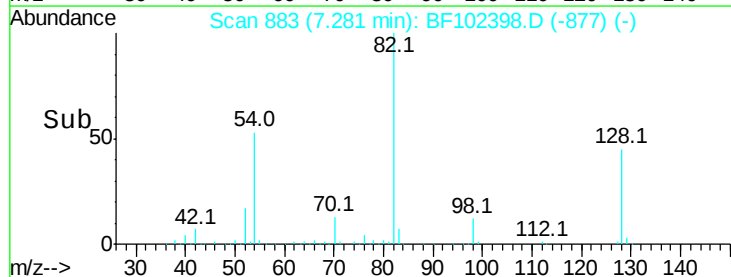
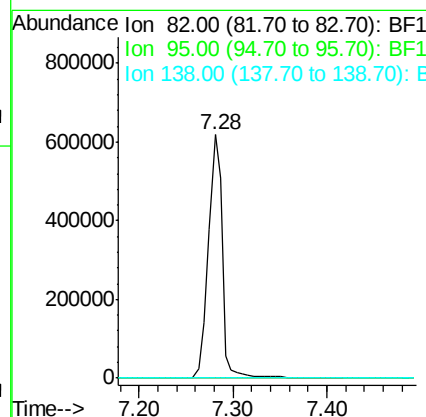
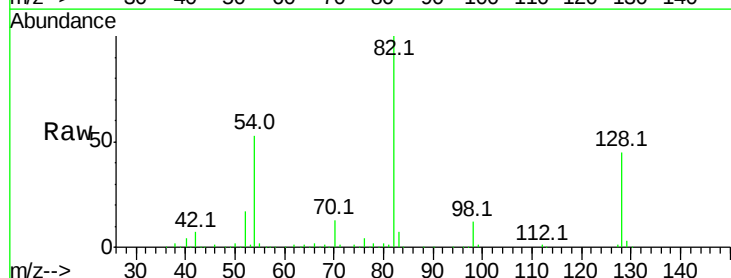
Instrument :
 BNA_F
 ClientSampled :

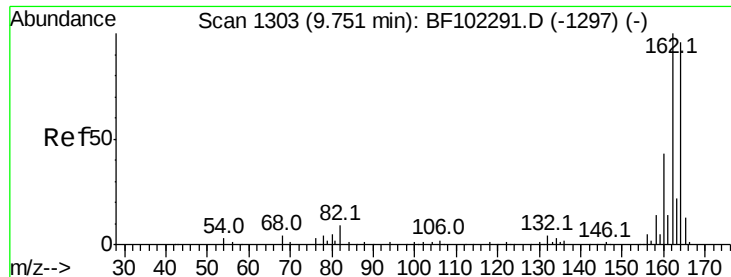
Tot Ion	82	Resp	644795
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	53.5	41.4	62.2



#25
 Isophorone
 Concen: 38.227 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

Tgt Ion	82	Resp	633046
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

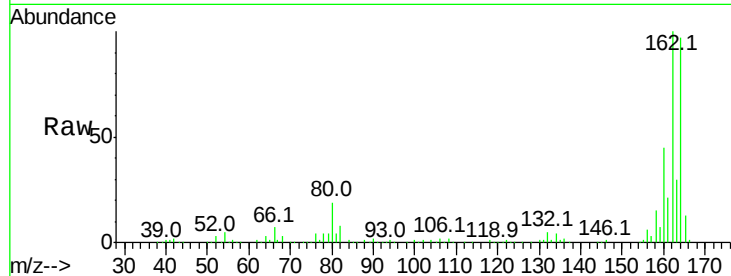




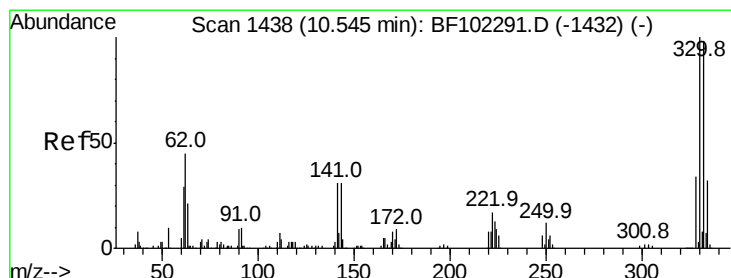
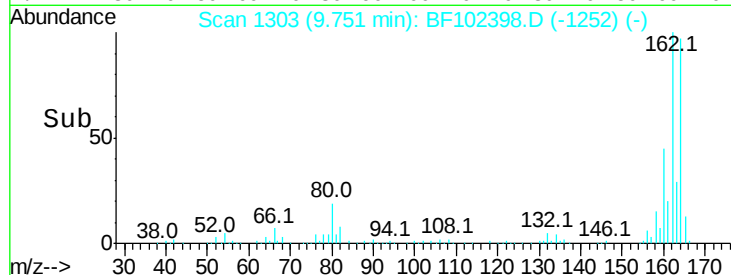
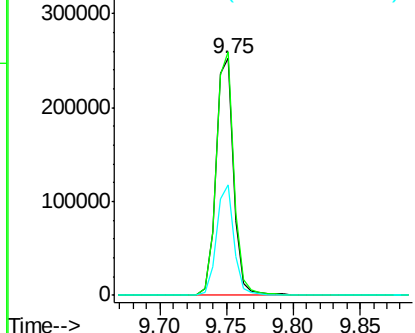
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 237197
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.4 38.3 57.5

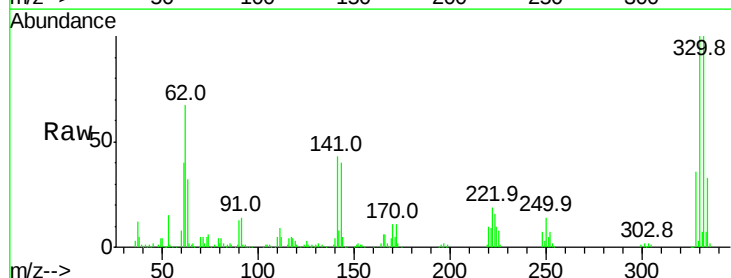


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

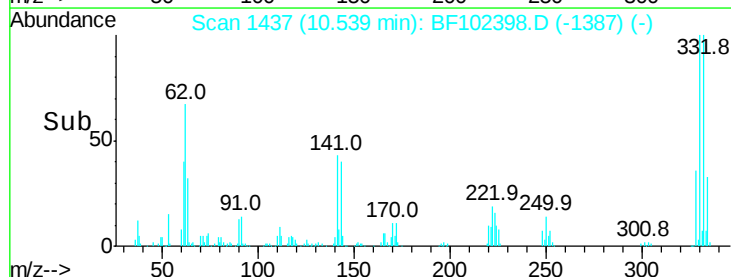
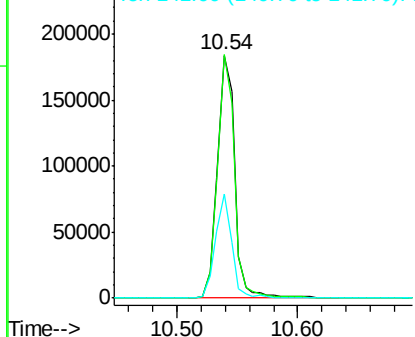


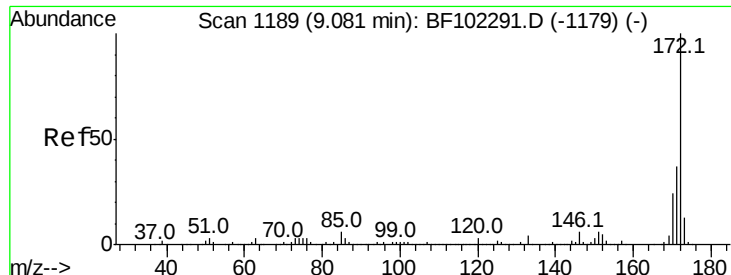
#41
2,4,6-Tribromophenol
Concen: 77.091 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:330 Resp: 181186
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 40.5 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

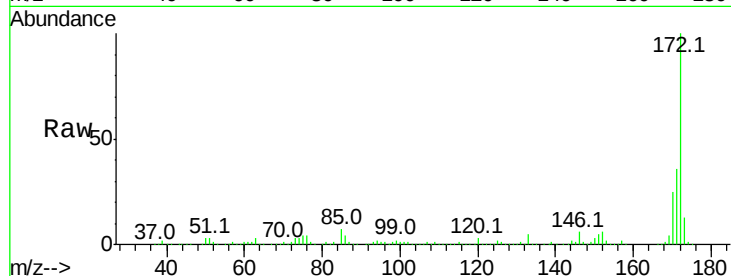




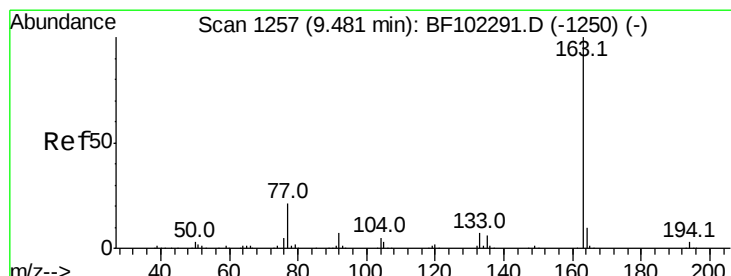
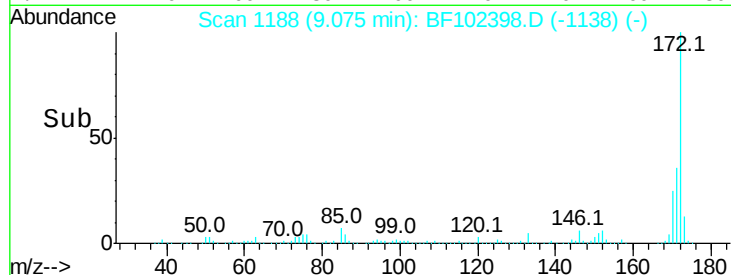
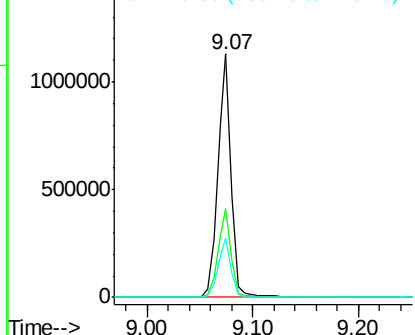
#44
2-Fluorobiphenyl
Concen: 62.308 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1005159
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4

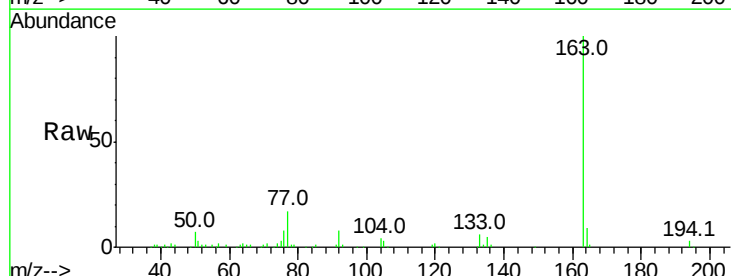


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

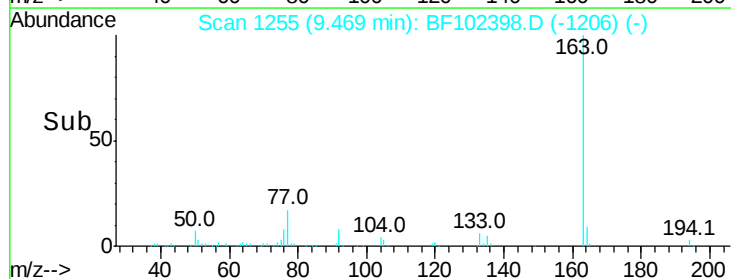
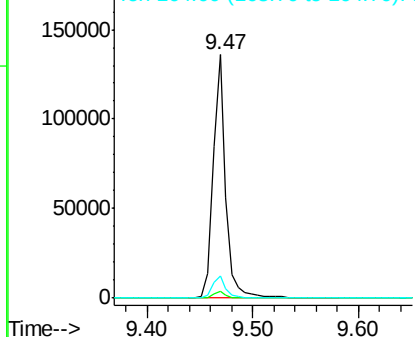


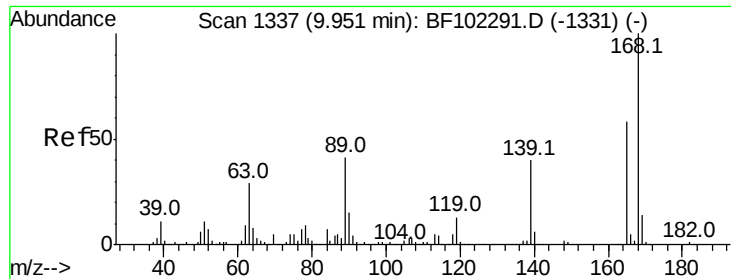
#49
Dimethylphthalate
Concen: 5.808 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:163 Resp: 113867
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.3 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

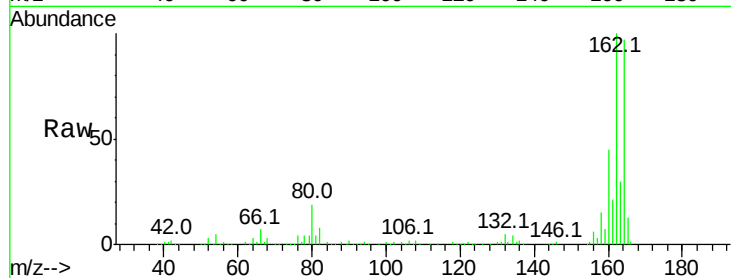




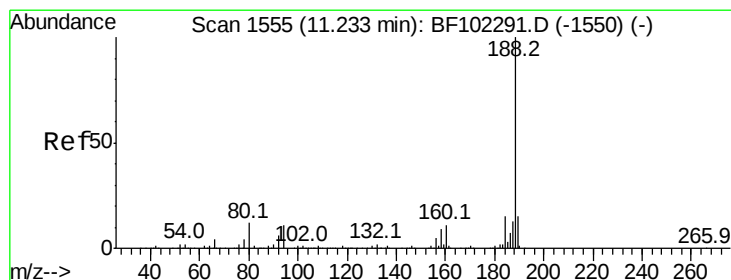
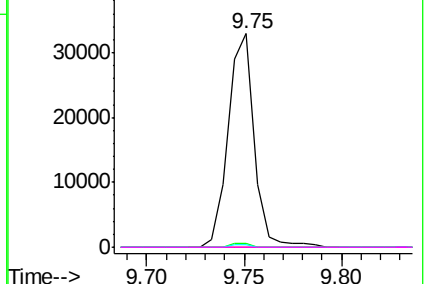
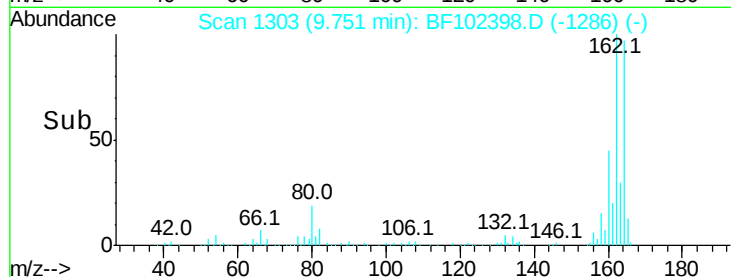
#56
 2,4-Dinitrotoluene
 Concen: 5.860 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 30460
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

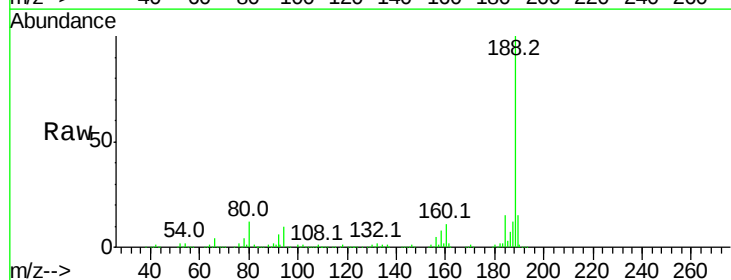


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

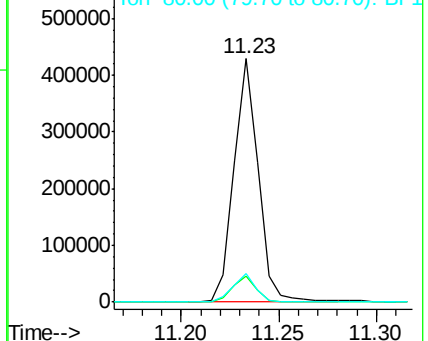
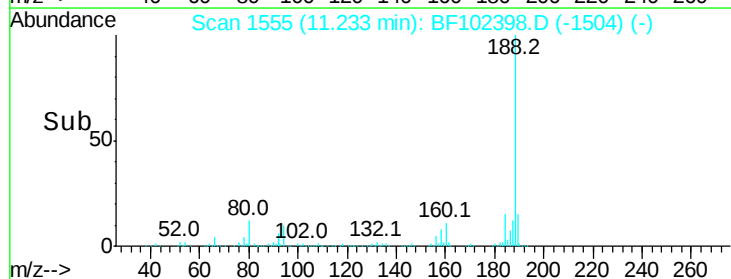


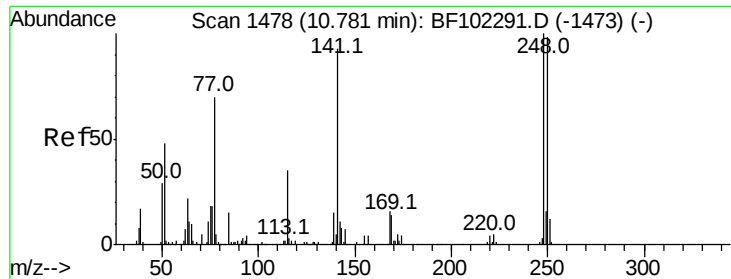
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102398.D
 Acq: 24 Jan 2018 19:12

Tgt Ion:188 Resp: 372396
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.6 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

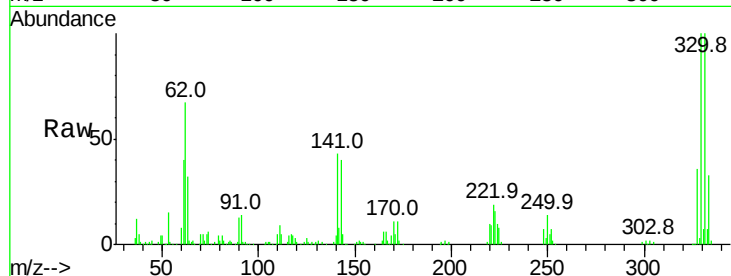




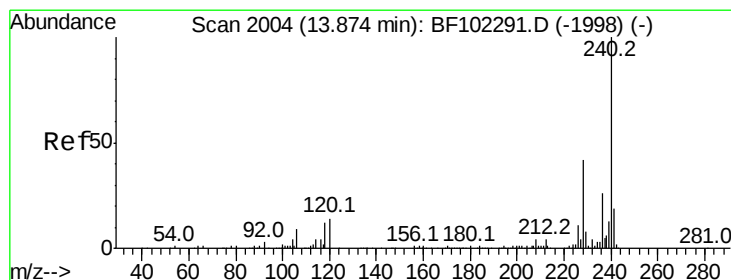
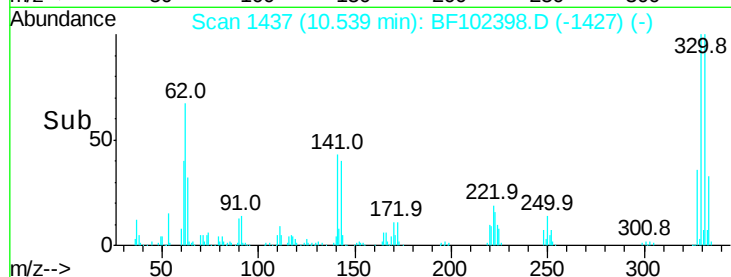
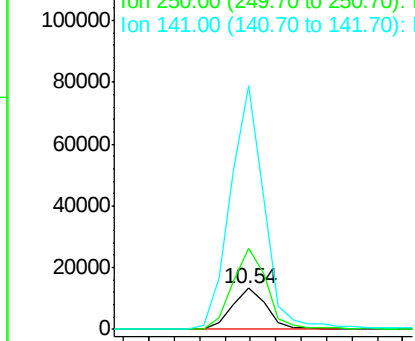
#66
4-Bromophenyl-phenylether
Concen: 3.108 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12458
Ion Ratio Lower Upper
248 100
250 196.1 76.9 115.3#
141 591.3 74.4 111.6#

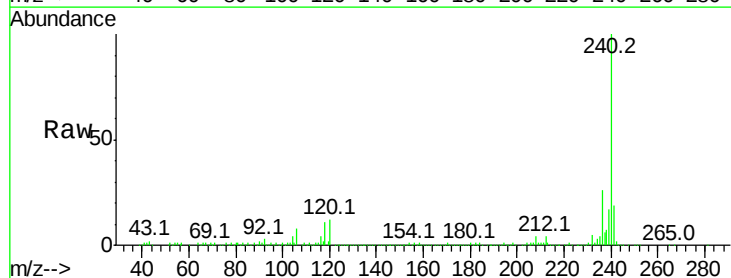


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

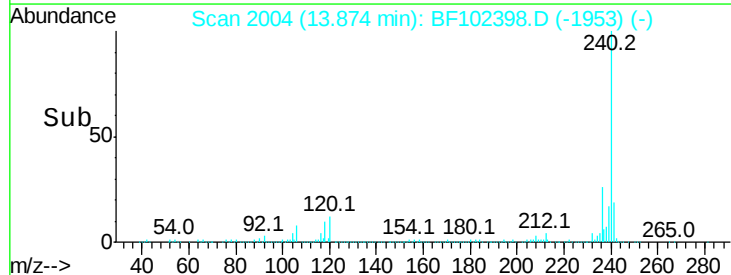
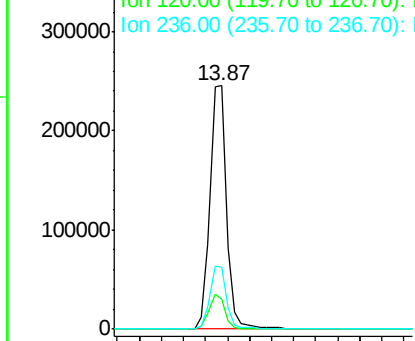


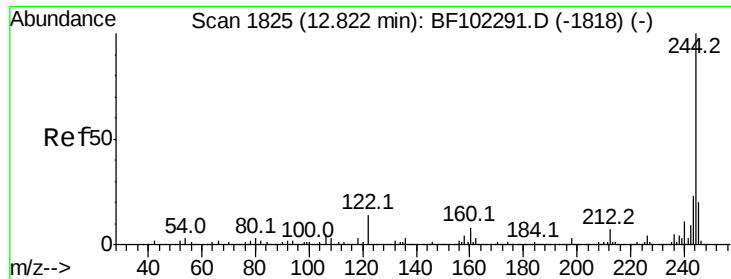
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102398.D
Acq: 24 Jan 2018 19:12

Tgt Ion:240 Resp: 251368
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 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: 57.346 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102398.D

Acq: 24 Jan 2018 19:12

Instrument :

BNA_F

ClientSampleId :

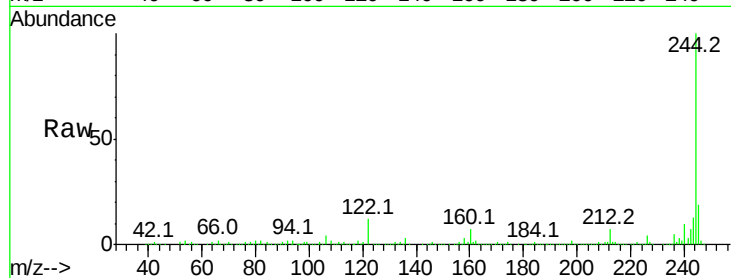
Tot Ion:244 Resp: 639431

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

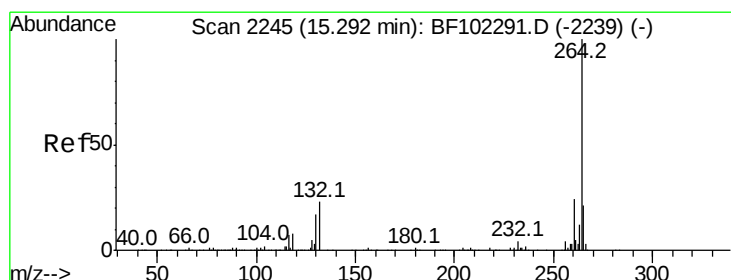
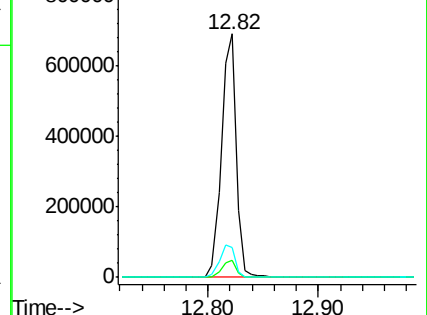
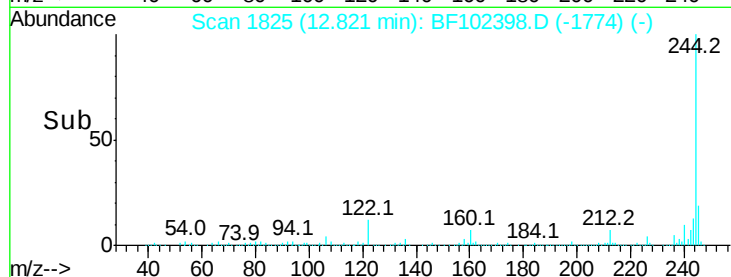
122 12.4 11.0 16.4



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: BF102398.D

Acq: 24 Jan 2018 19:12

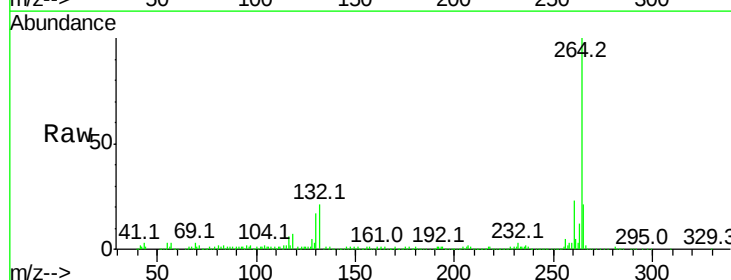
Tgt Ion:264 Resp: 242774

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 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

