

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102322.D
 Acq On : 23 Jan 2018 1:39
 Operator : SJ/JU
 Sample : J1238-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

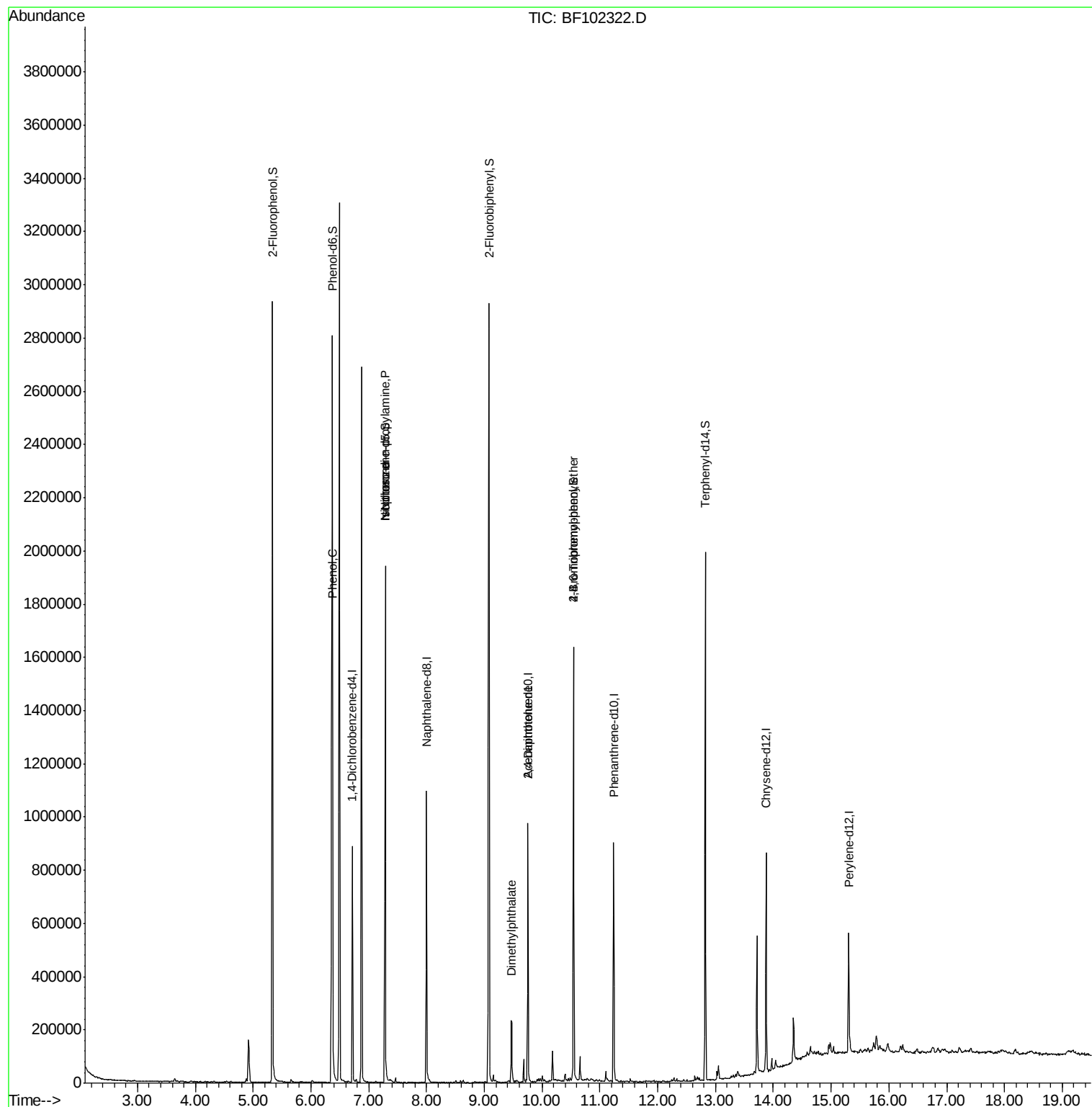
Quant Time: Jan 23 05:32:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

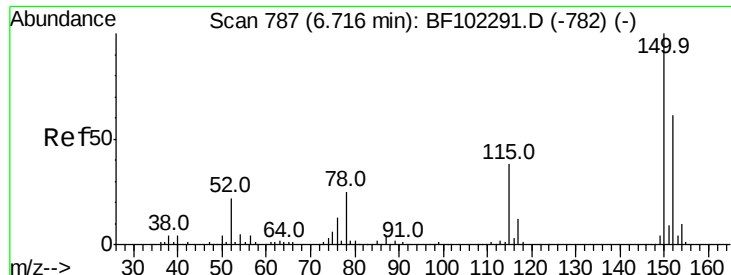
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129467	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	504600	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	199146	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	297500	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263888	20.00	ng	0.00
86) Perylene-d12	15.30	264	187667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	907463	106.28	ng	0.01
7) Phenol-d6	6.37	99	1092175	106.10	ng	0.01
23) Nitrobenzene-d5	7.29	82	646051	73.58	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	183197	92.84	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	984471	72.69	ng	0.00
78) Terphenyl-d14	12.83	244	667260	57.00	ng	0.00
Target Compounds						
10) Phenol	6.38	94	39190	3.487	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	88188	13.999	ng	# 78
25) Isophorone	7.29	82	646046	41.271	ng	# 64
49) Dimethylphthalate	9.47	163	94041	5.713	ng	100
56) 2,4-Dinitrotoluene	9.75	165	25340	5.806	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	11478	3.584	ng	# 1

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

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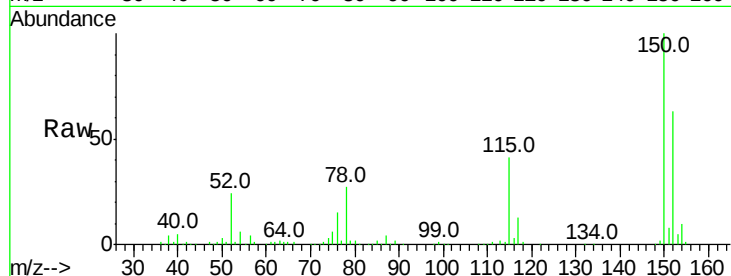


#1

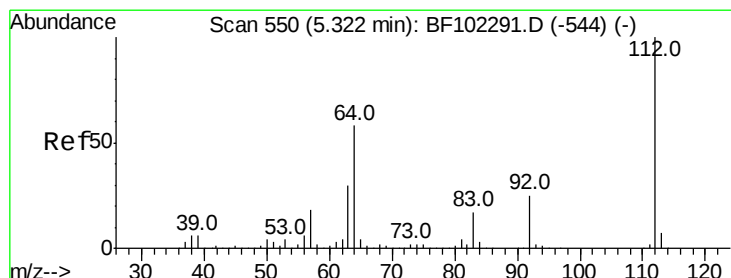
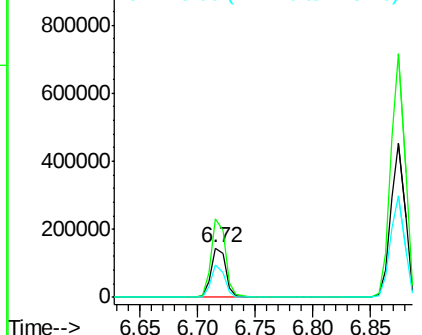
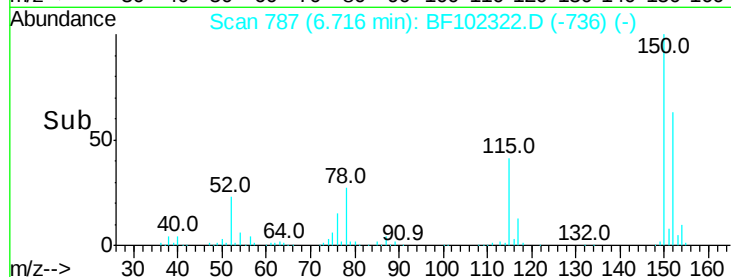
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	64.7	50.1	75.1



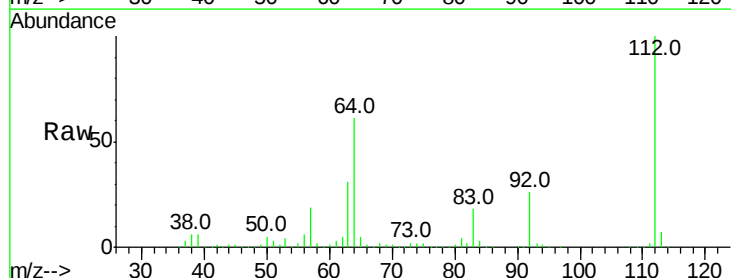
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



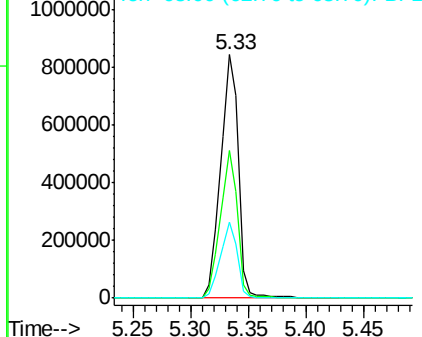
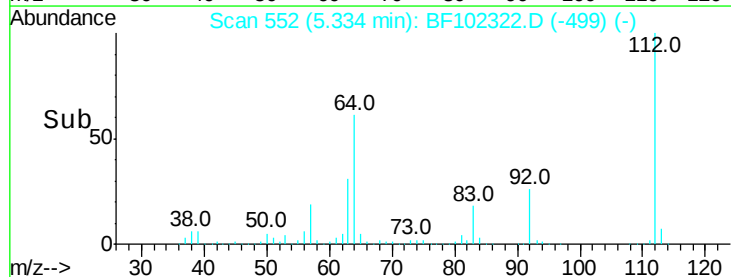
#5

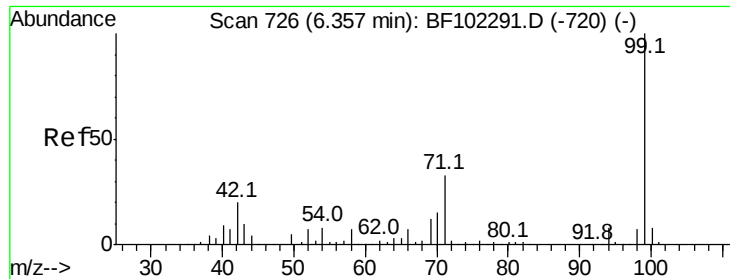
2-Fluorophenol
Concen: 106.278 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.3	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: 106.098 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102322.D

Acq: 23 Jan 2018 1:39

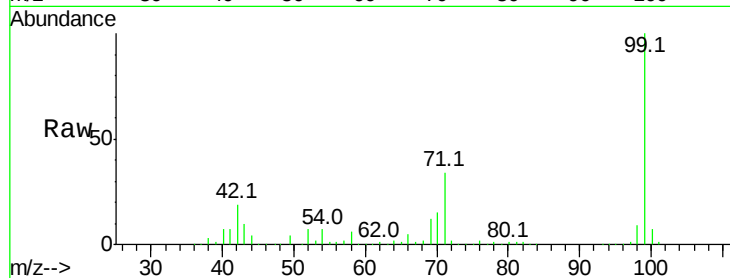
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1092175

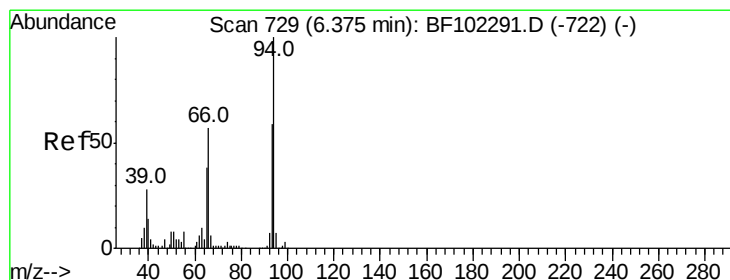
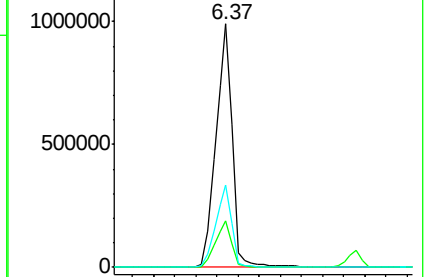
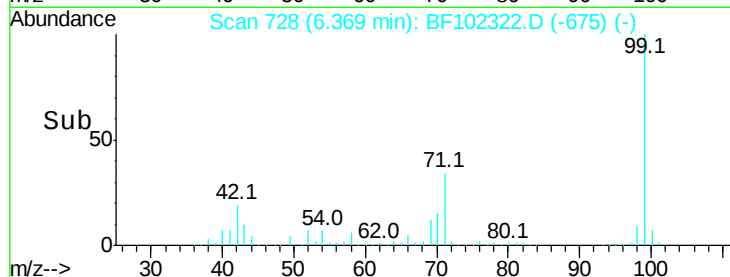
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.9	25.4	38.0



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: 3.487 ng

RT: 6.38 min Scan# 730

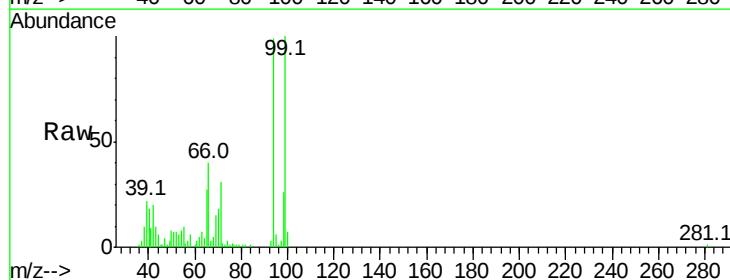
Delta R.T. 0.01 min

Lab File: BF102322.D

Acq: 23 Jan 2018 1:39

Tgt Ion: 94 Resp: 39190

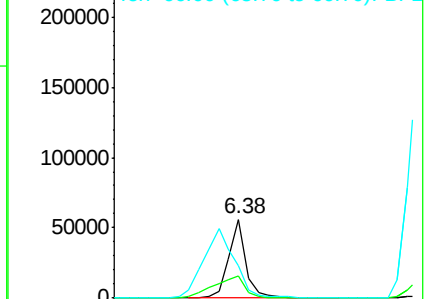
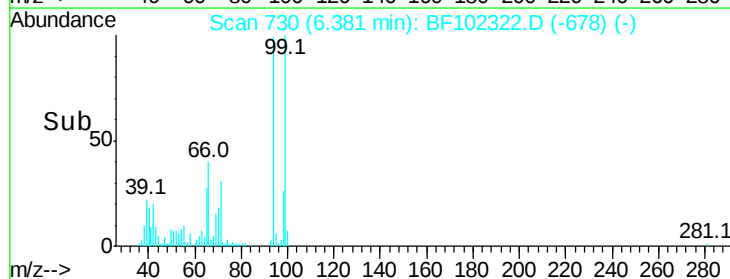
Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	40.8	16.2	56.2

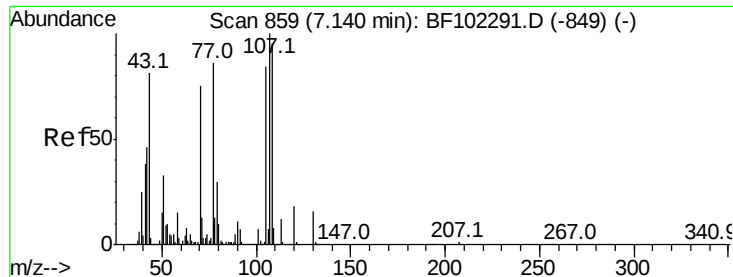


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

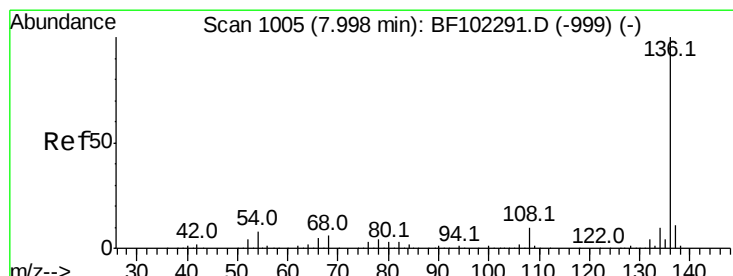
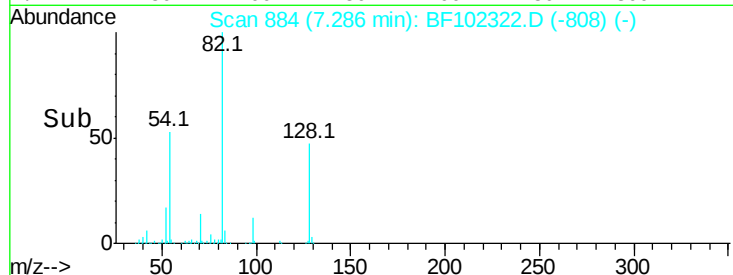
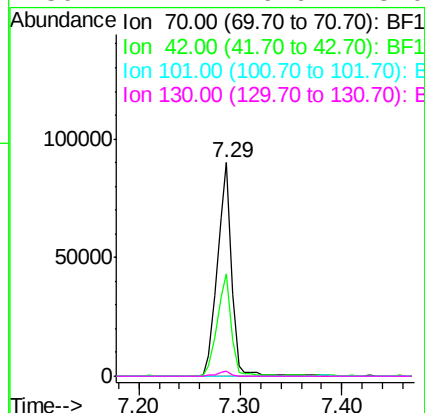
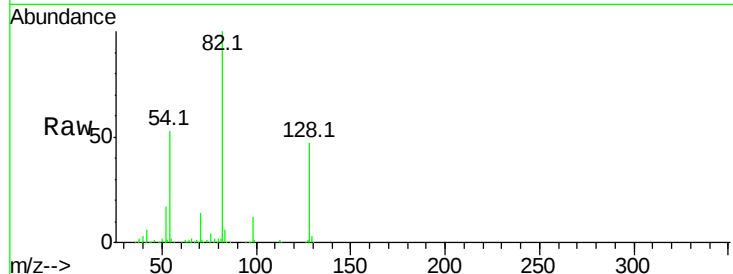




#19
n-Nitroso-di-n-propylamine
Concen: 13.999 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

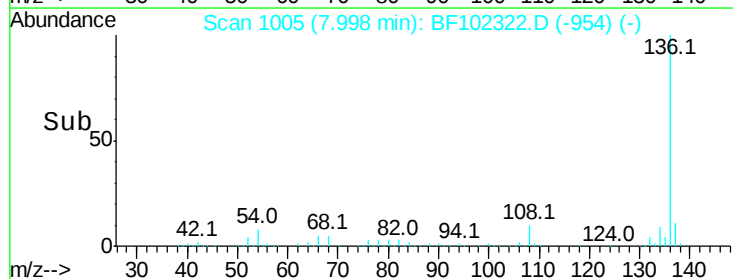
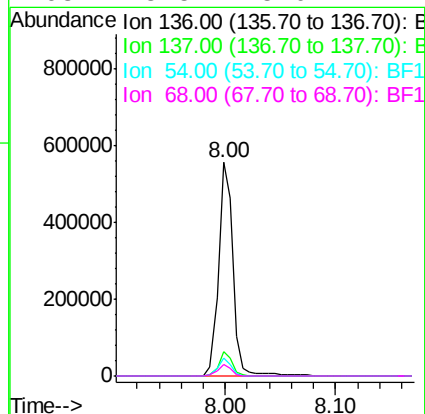
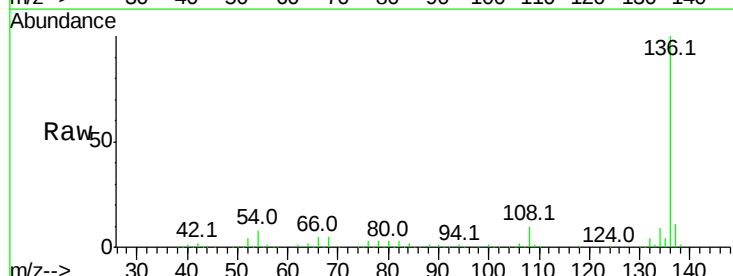
Instrument :
BNA_F
ClientSampleId :

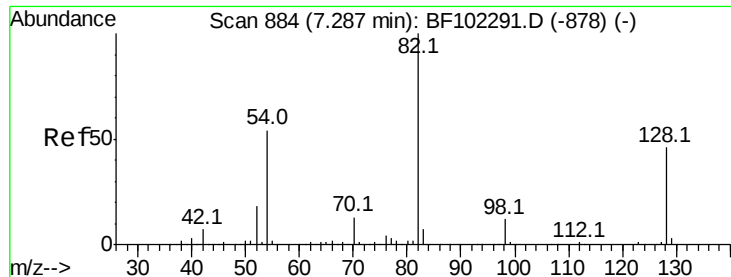
Tot Ion: 70 Resp: 88188
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Tgt Ion:136 Resp: 504600
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 6.6 9.8
68 5.5 5.0 7.4

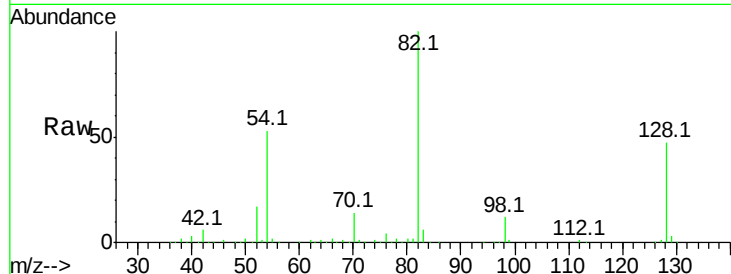




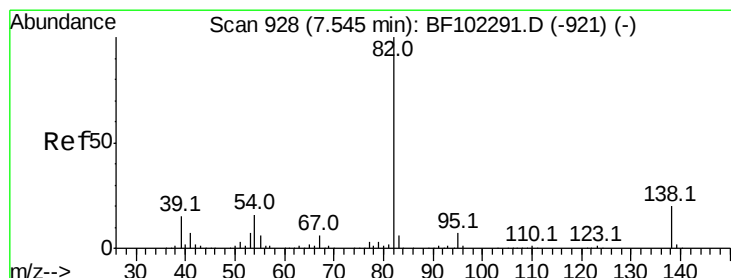
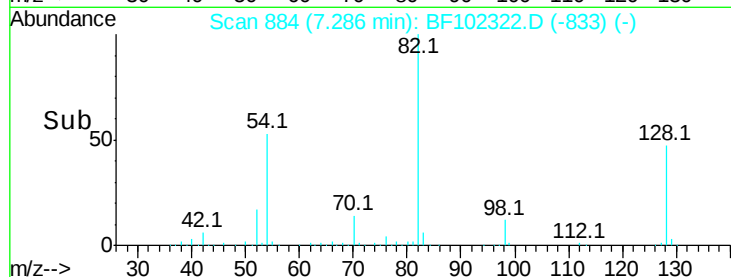
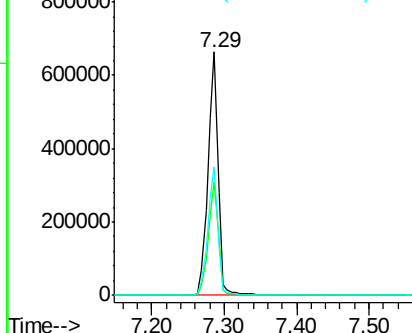
#23
 Nitrobenzene-d5
 Concen: 73.576 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	646051
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	52.9	41.4	62.2

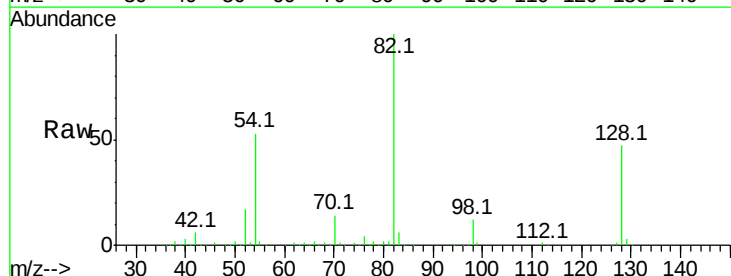


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

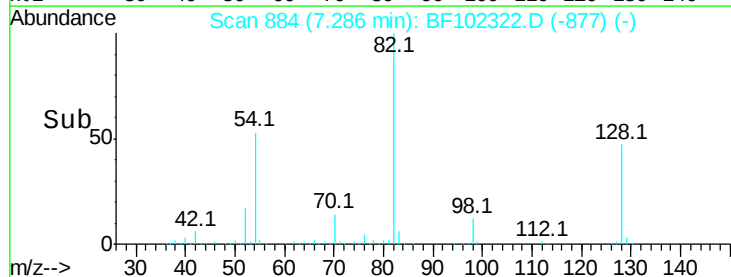
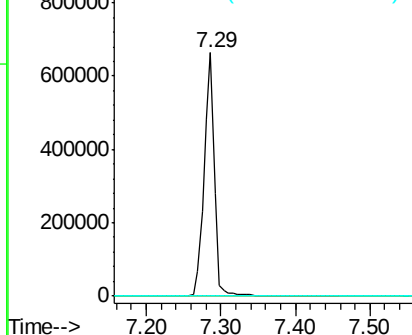


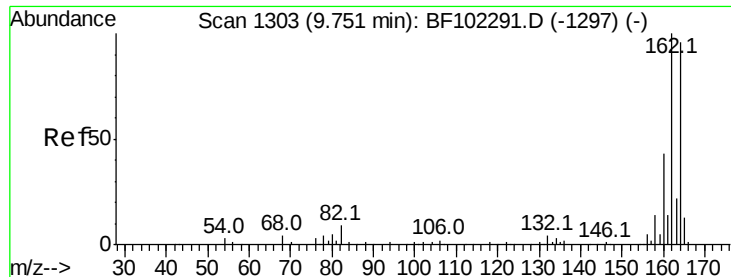
#25
 Isophorone
 Concen: 41.271 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Tgt Ion	82	Resp	646046
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

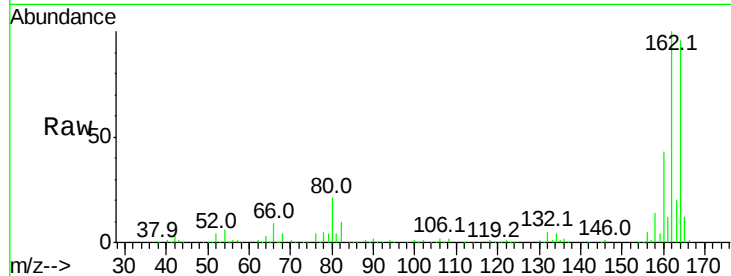




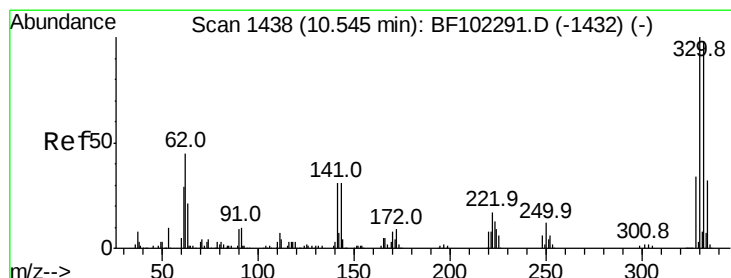
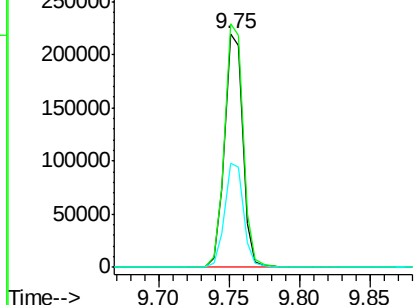
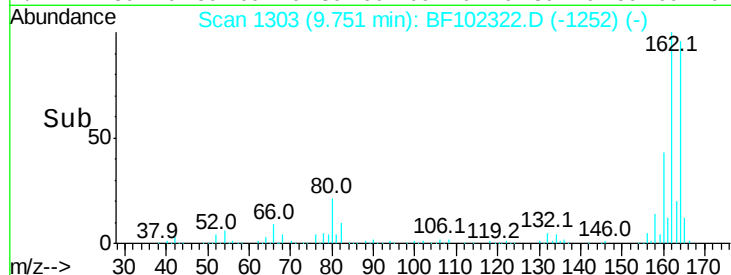
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 199146
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 44.6 38.3 57.5

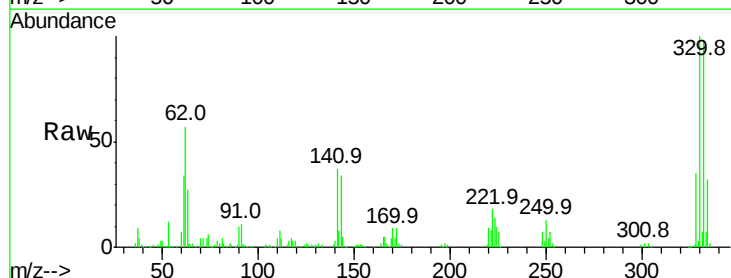


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

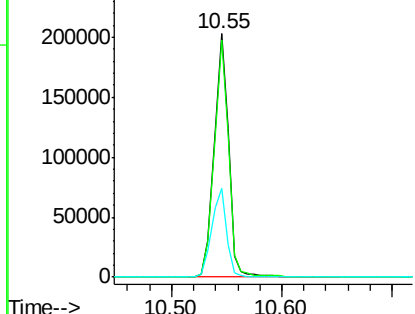
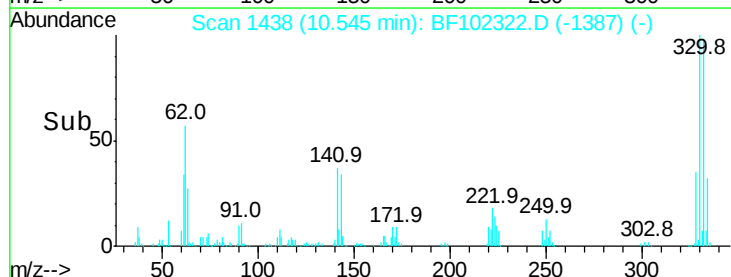


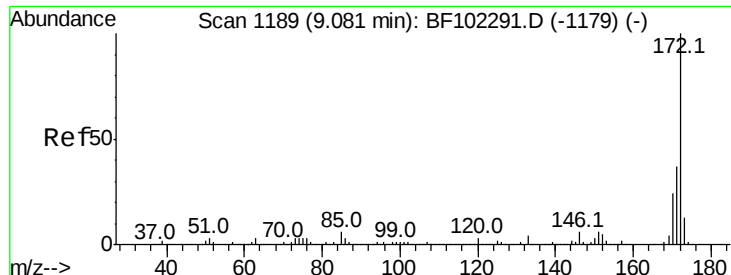
#41
2,4,6-Tribromophenol
Concen: 92.840 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Tgt Ion:330 Resp: 183197
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 37.0 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

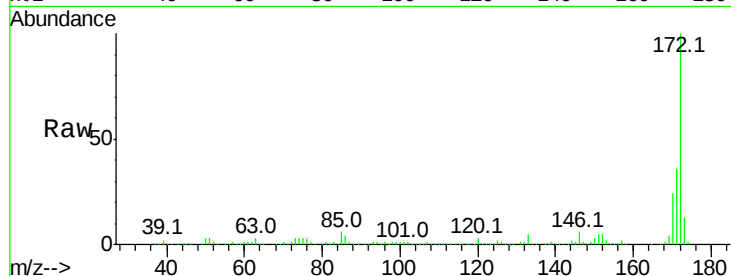




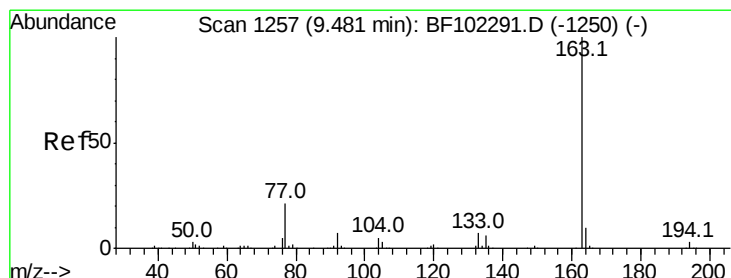
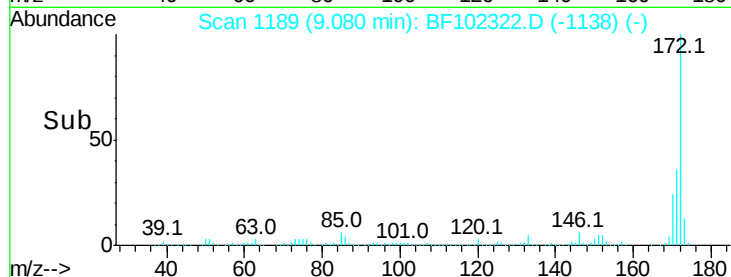
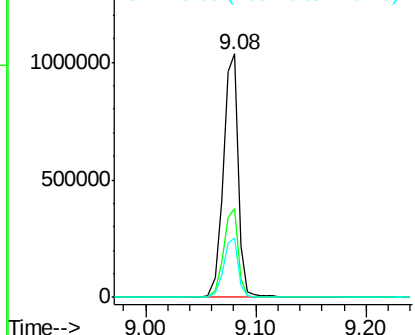
#44
2-Fluorobiphenyl
Concen: 72.686 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 984471
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4

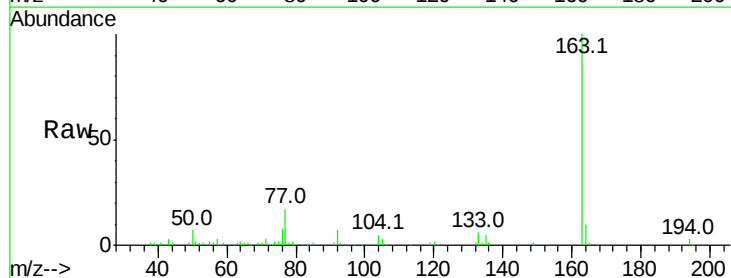


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

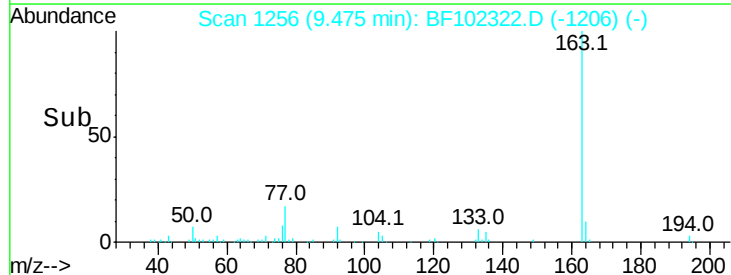
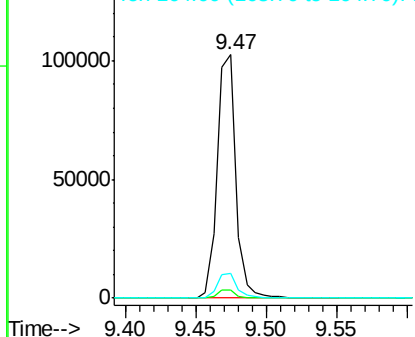


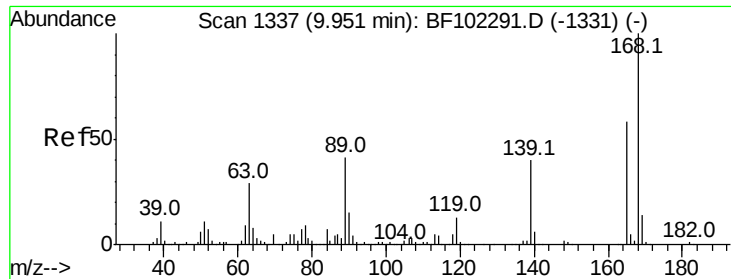
#49
Dimethylphthalate
Concen: 5.713 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Tgt Ion:163 Resp: 94041
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 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

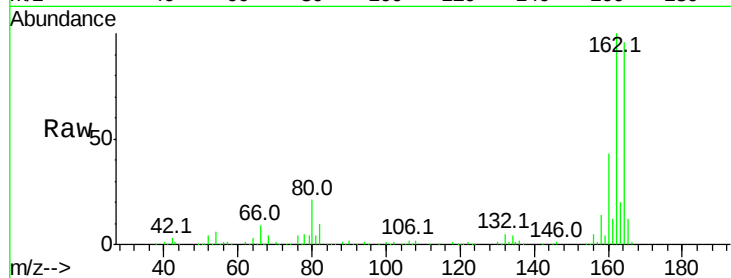




#56
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



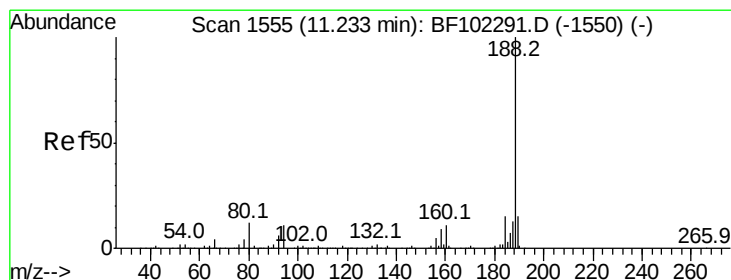
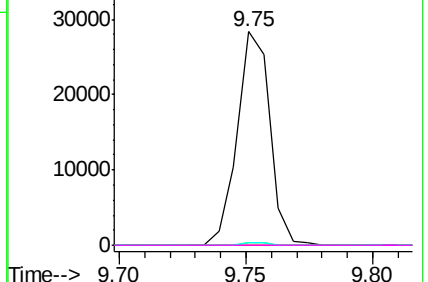
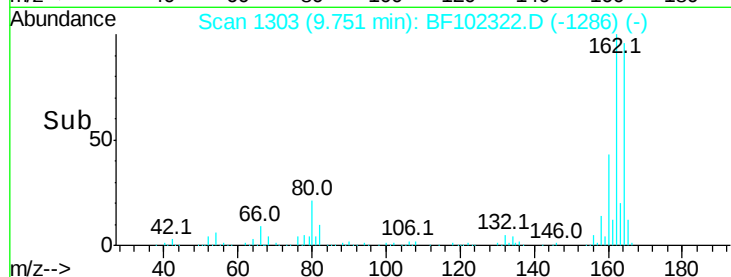
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

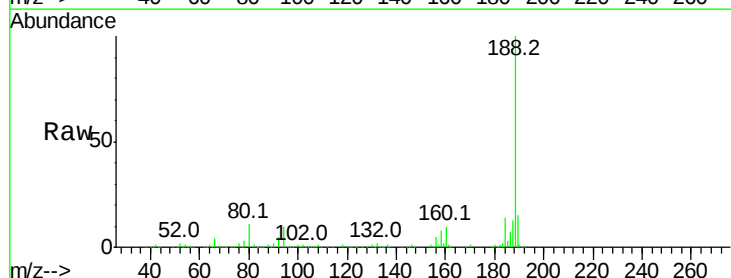
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8

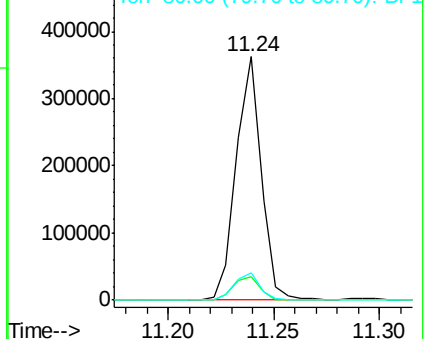
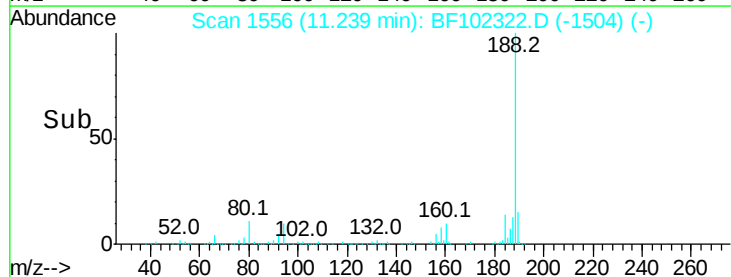


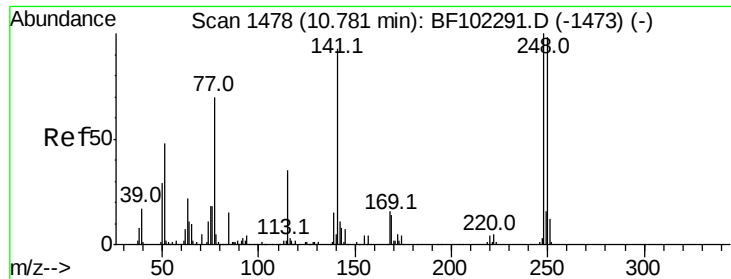
Abundance

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

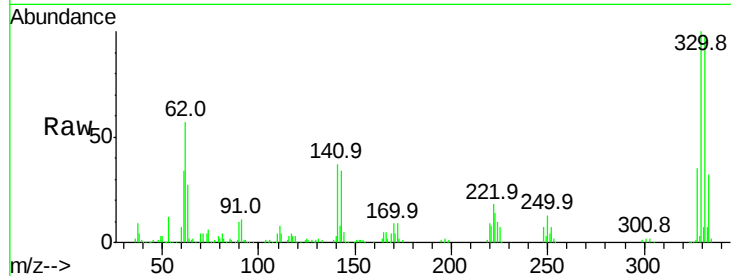




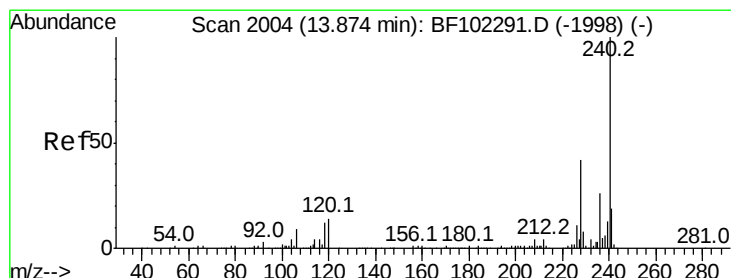
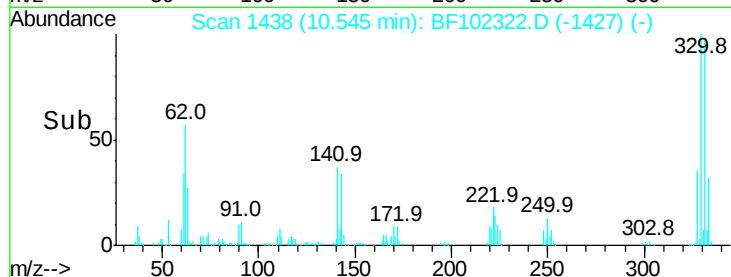
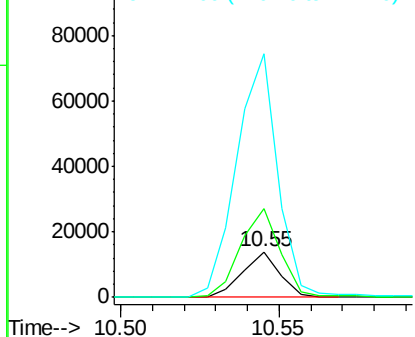
#66
4-Bromophenyl-phenylether
Concen: 3.584 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11478
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 532.5 74.4 111.6#

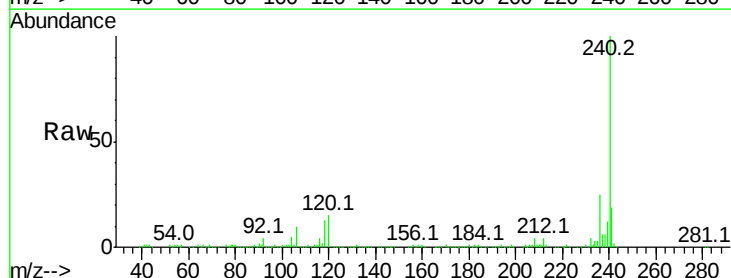


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

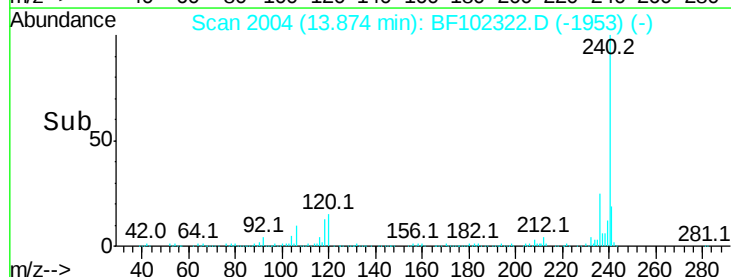
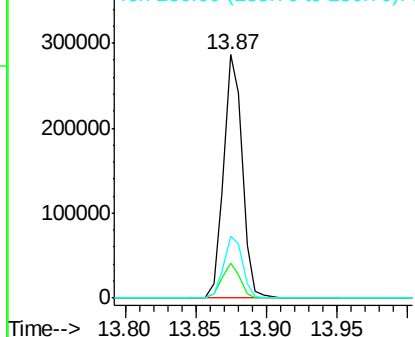


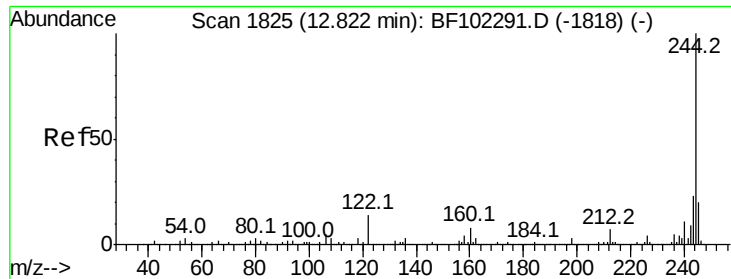
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102322.D
Acq: 23 Jan 2018 1:39

Tgt Ion:240 Resp: 263888
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.3 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

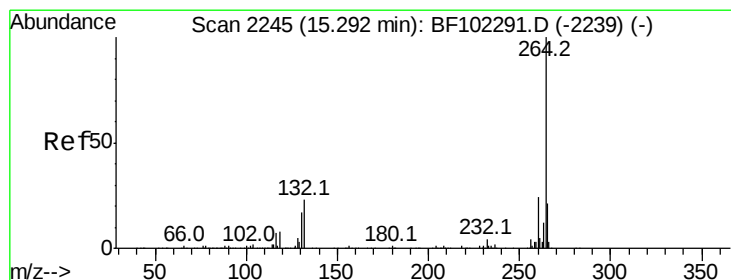
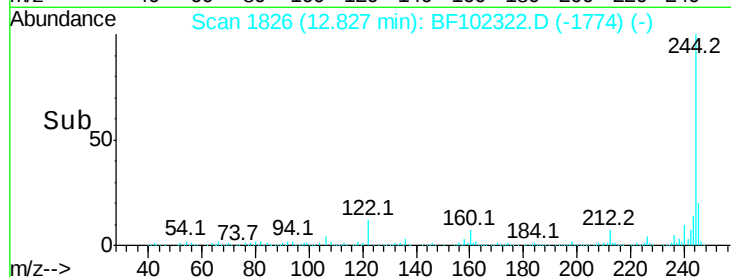
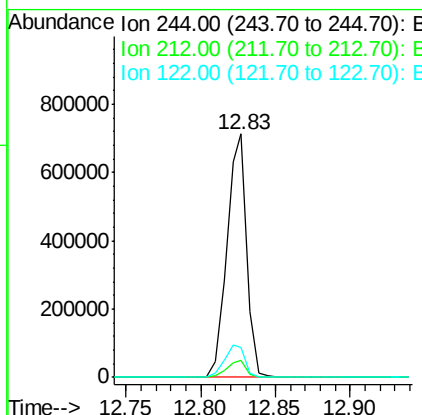
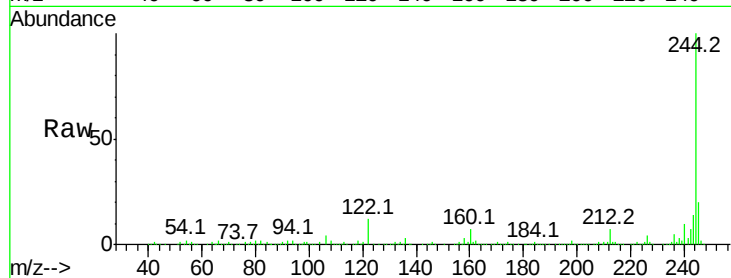




#78
 Terphenyl-d14
 Concen: 57.003 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 667260
 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# 2247
 Delta R.T. 0.01 min
 Lab File: BF102322.D
 Acq: 23 Jan 2018 1:39

Tgt Ion:264 Resp: 187667
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 17.5 26.3

