

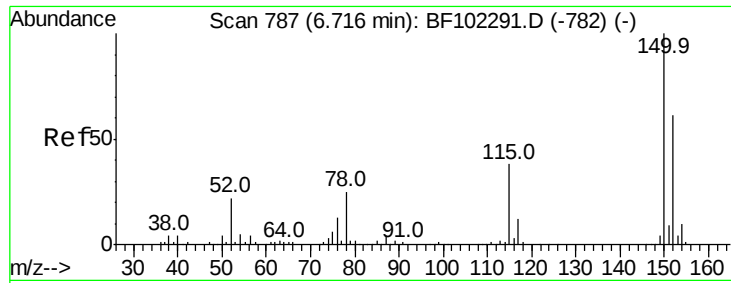
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102618.D
 Acq On : 30 Jan 2018 00:53
 Operator : SJ/JU
 Sample : J1253-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:46:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	173795	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	716712	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	252966	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	349780	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275140	20.00	ng	0.00
86) Perylene-d12	15.31	264	290771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1129969	98.58	ng	0.01
7) Phenol-d6	6.36	99	1396531	101.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	808997	64.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	187052	74.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1171931	68.12	ng	0.00
78) Terphenyl-d14	12.82	244	678176	55.57	ng	0.00
Target Compounds						
10) Phenol	6.37	94	74342	4.928	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	108490	12.829	ng	# 79
25) Isophorone	7.28	82	808986	36.385	ng	# 64
49) Dimethylphthalate	9.47	163	137049	6.554	ng	100
56) 2,4-Dinitrotoluene	9.75	165	31698	5.718	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13034	3.462	ng	# 1

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

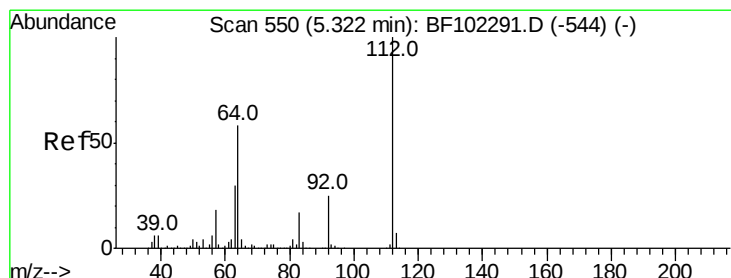
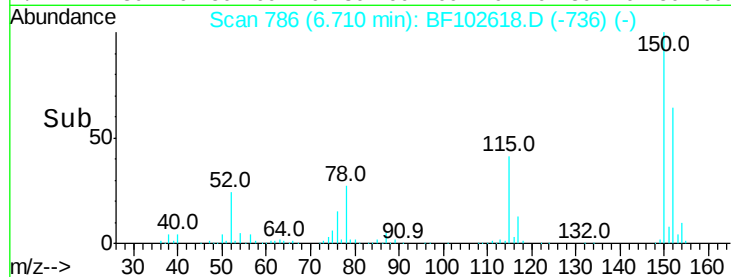
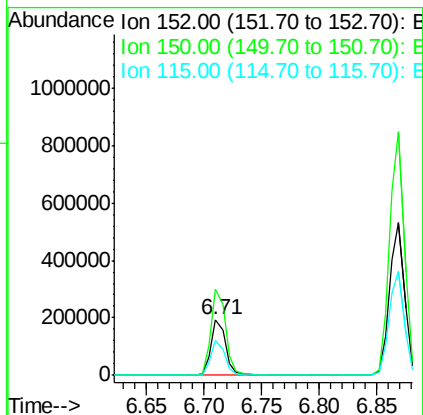
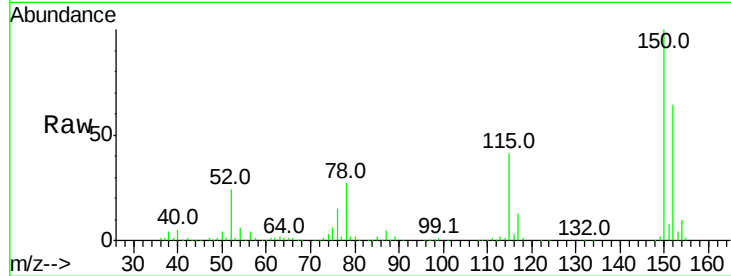


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

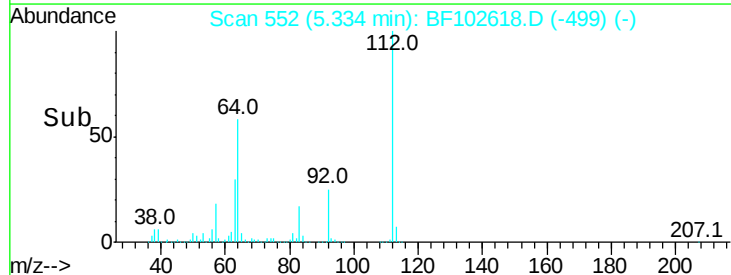
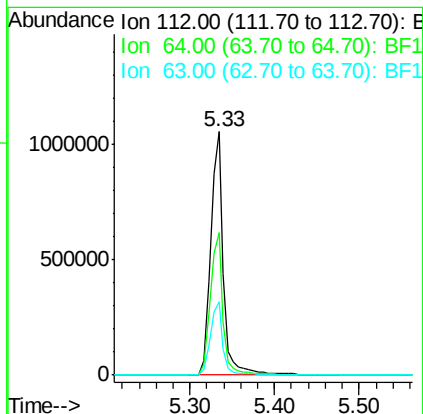
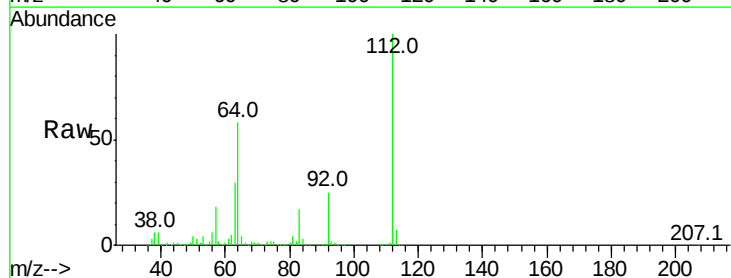
Tot Ion:152 Resp: 173795
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 63.7 50.1 75.1

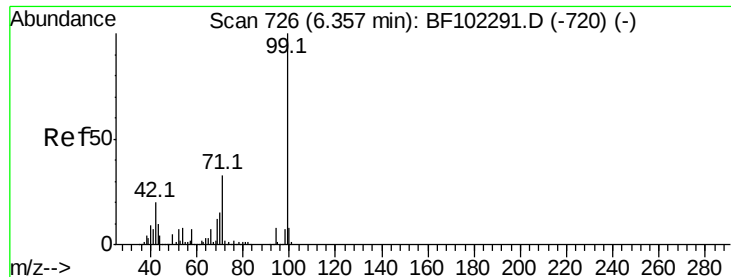


#5

2-Fluorophenol
Concen: 98.583 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Tgt Ion:112 Resp: 1129969
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 101.062 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102618.D

Acq: 30 Jan 2018 00:53

Instrument :

BNA_F

ClientSampleId :

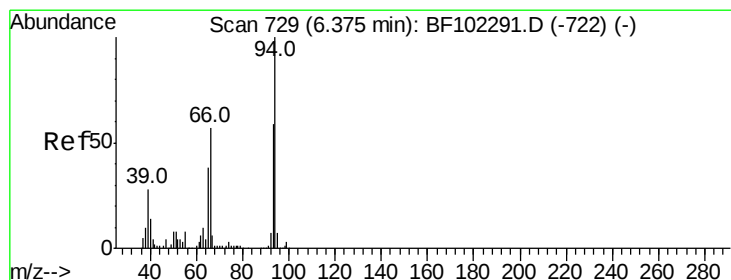
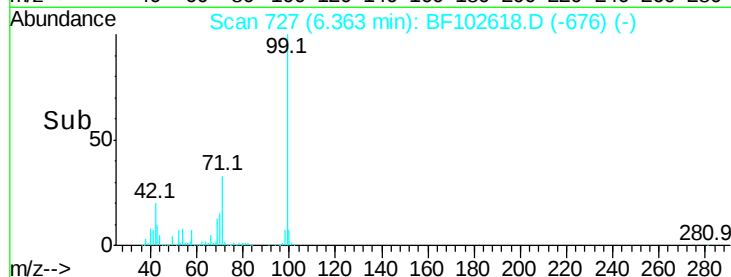
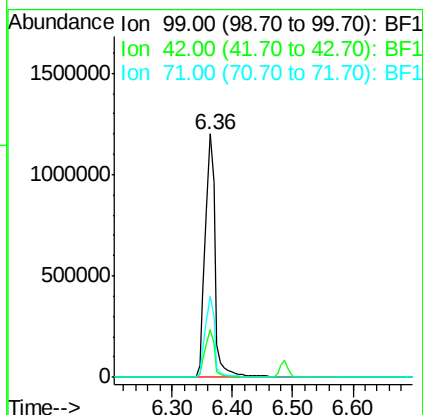
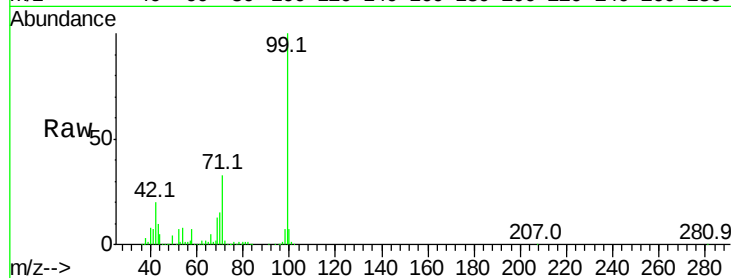
Tot Ion: 99 Resp: 1396531

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.2 25.4 38.0



#10

Phenol

Concen: 4.928 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102618.D

Acq: 30 Jan 2018 00:53

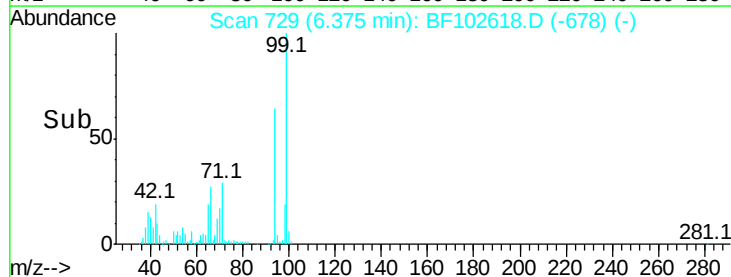
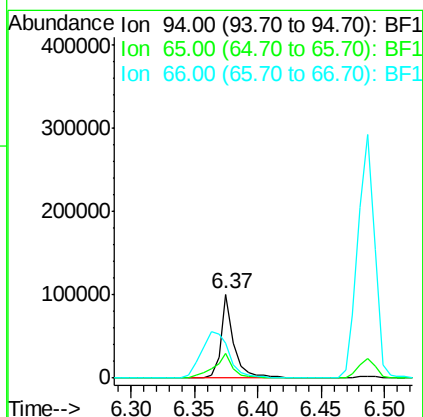
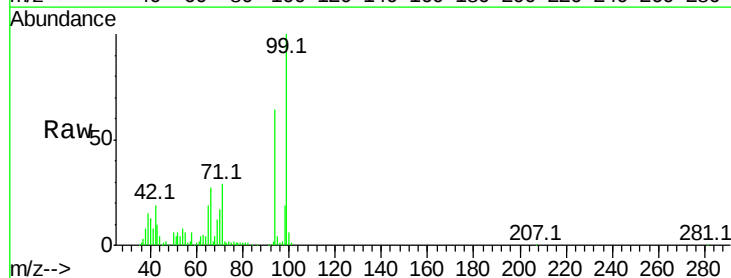
Tgt Ion: 94 Resp: 74342

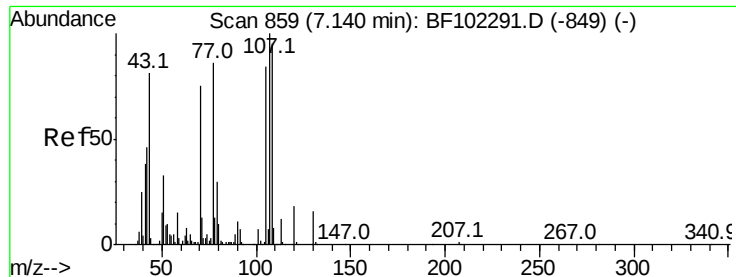
Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

66 42.4 16.2 56.2

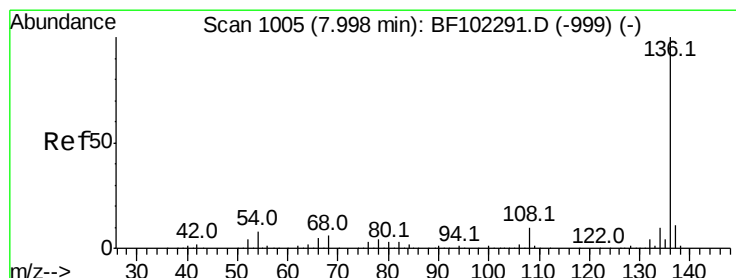
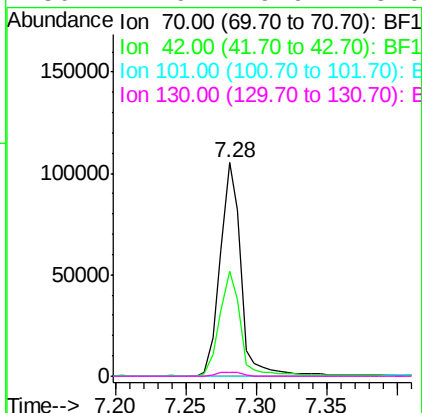
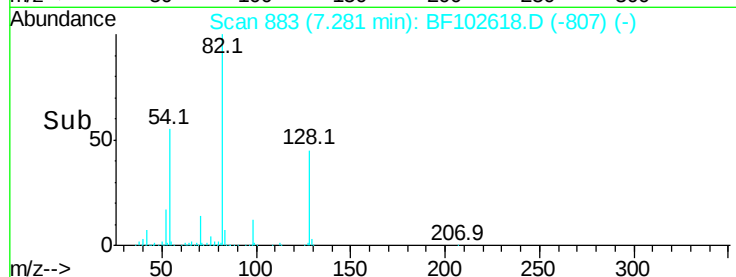
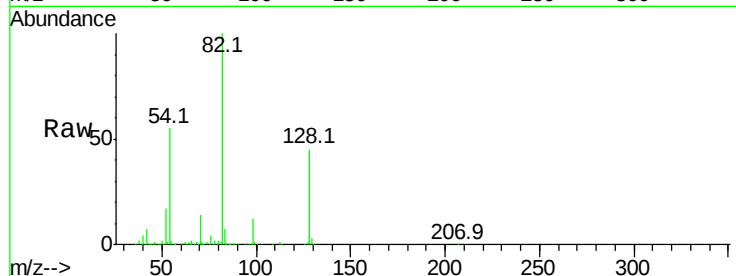




#19
n-Nitroso-di-n-propylamine
Concen: 12.829 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

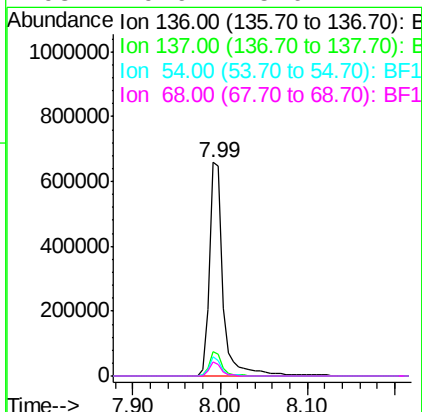
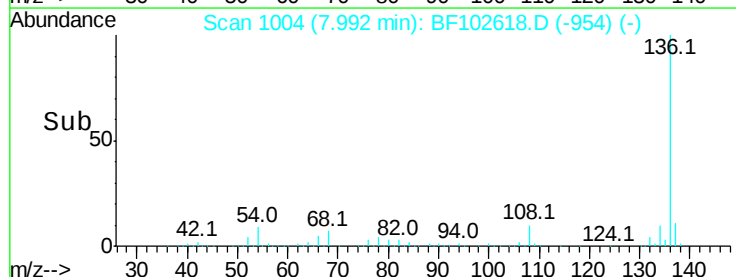
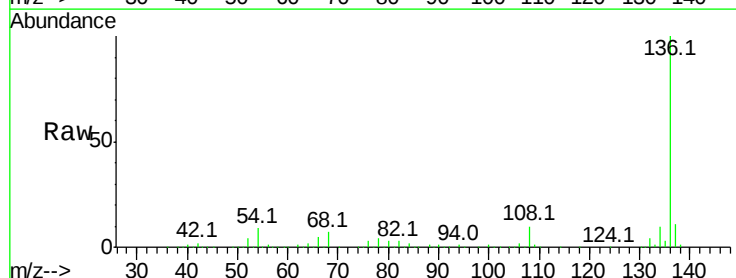
Instrument :
BNA_F
ClientSampleId :

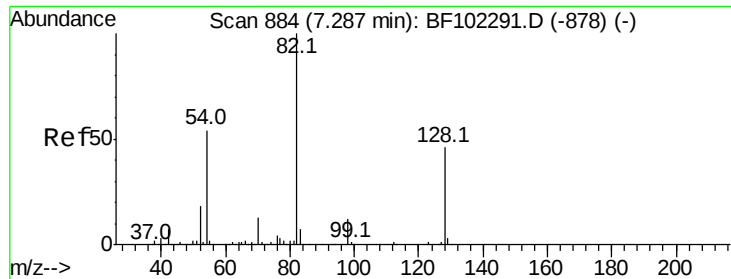
Tot Ion: 70 Resp: 108490
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Tgt Ion:136 Resp: 716712
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.2 6.6 9.8
68 6.6 5.0 7.4

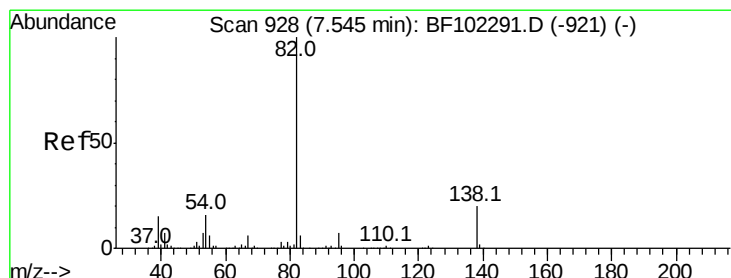
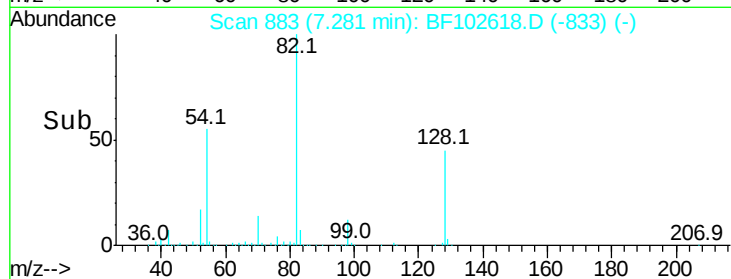
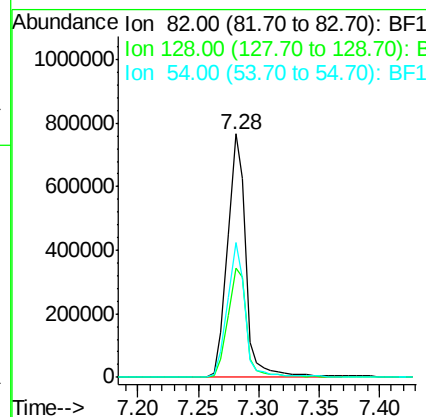
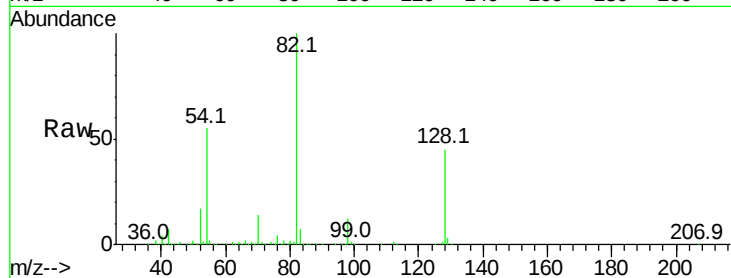




#23
Nitrobenzene-d5
Concen: 64.866 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

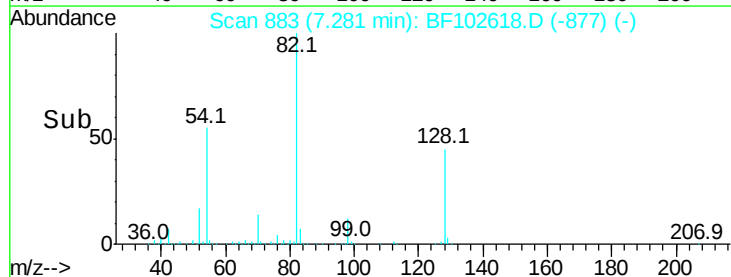
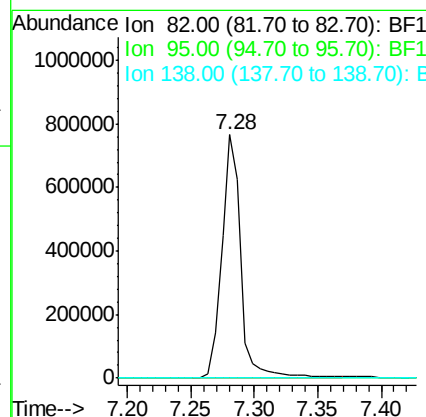
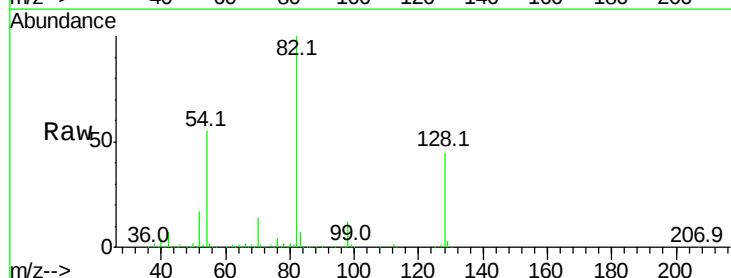
Instrument :
BNA_F
ClientSampleId :

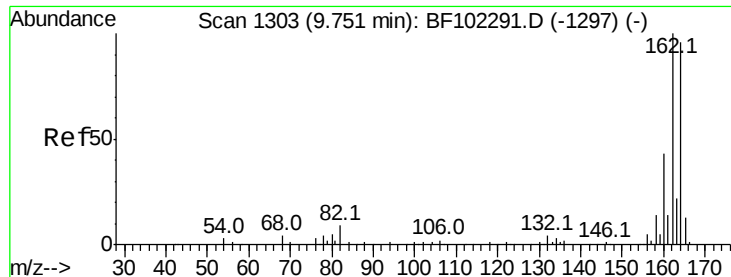
Tot Ion: 82 Resp: 808997
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 55.2 41.4 62.2



#25
Isophorone
Concen: 36.385 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Tgt Ion: 82 Resp: 808986
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

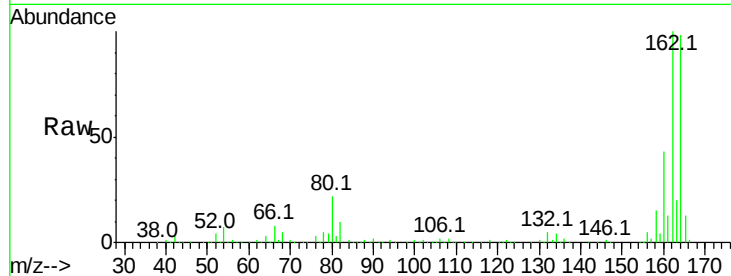




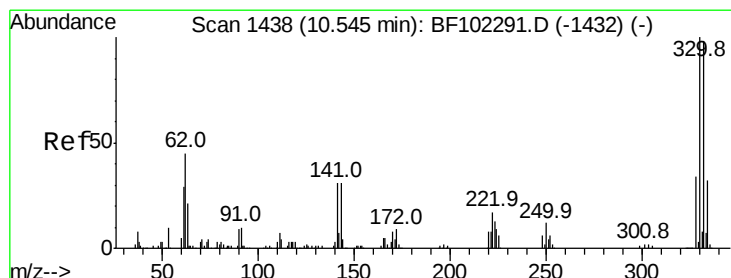
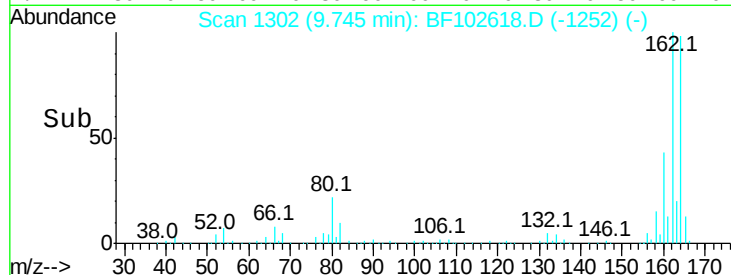
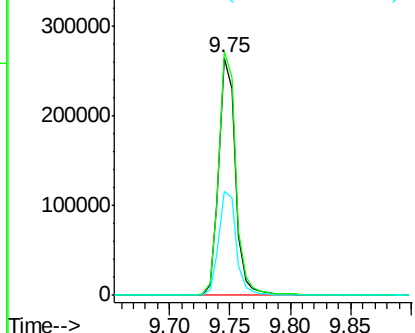
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 252966
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 43.8 38.3 57.5

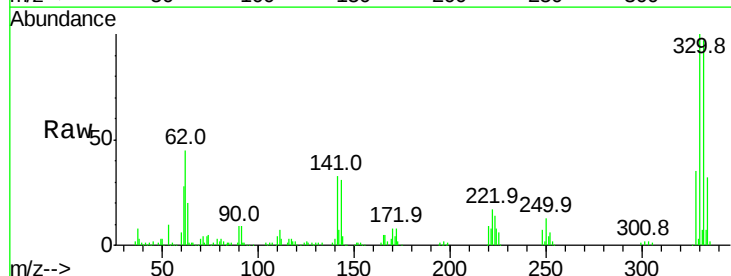


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

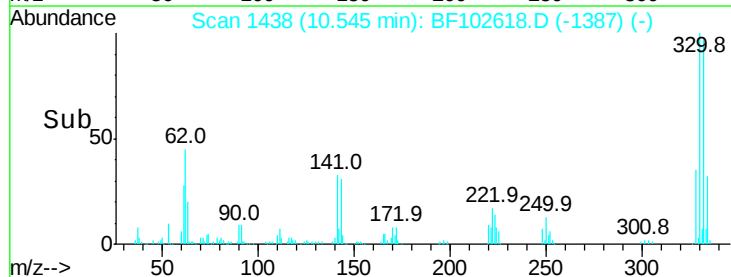
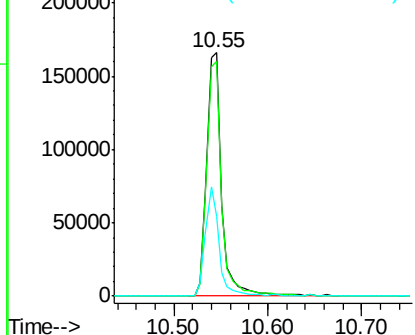


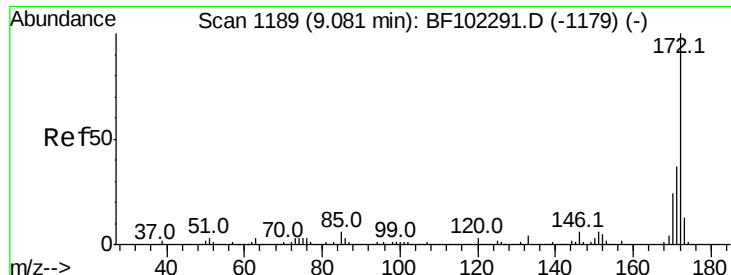
#41
2,4,6-Tribromophenol
Concen: 74.626 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Tgt Ion:330 Resp: 187052
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 40.9 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

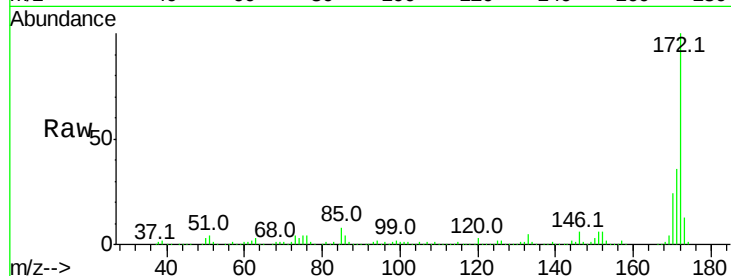




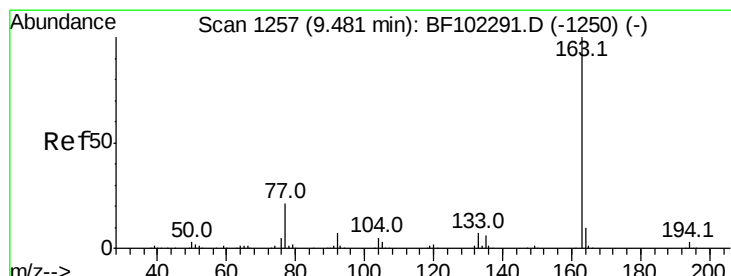
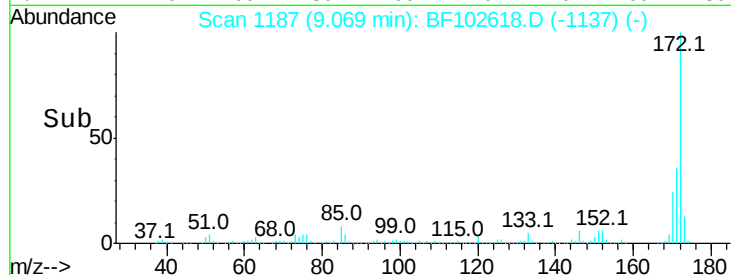
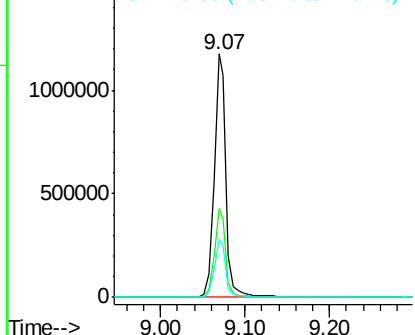
#44
2-Fluorobiphenyl
Concen: 68.118 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1171931
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.6 19.6 29.4

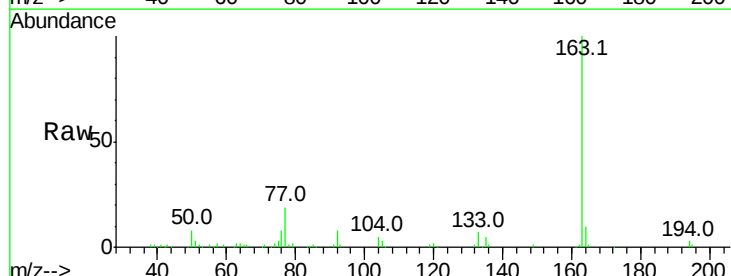


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

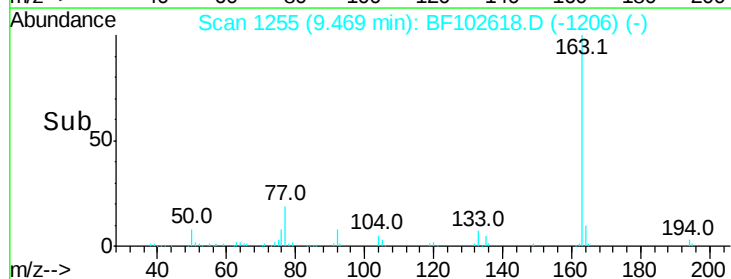
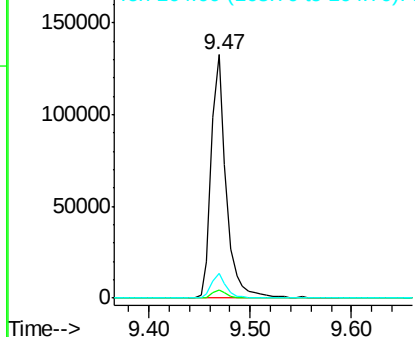


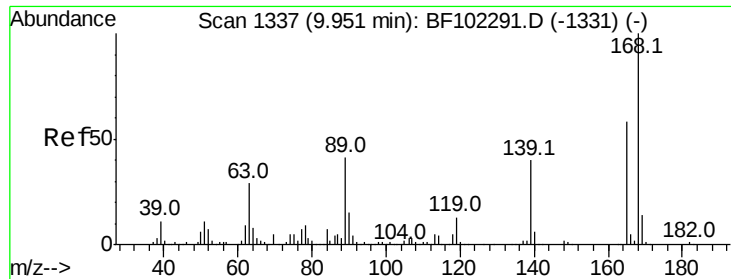
#49
Dimethylphthalate
Concen: 6.554 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102618.D
Acq: 30 Jan 2018 00:53

Tgt Ion:163 Resp: 137049
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 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

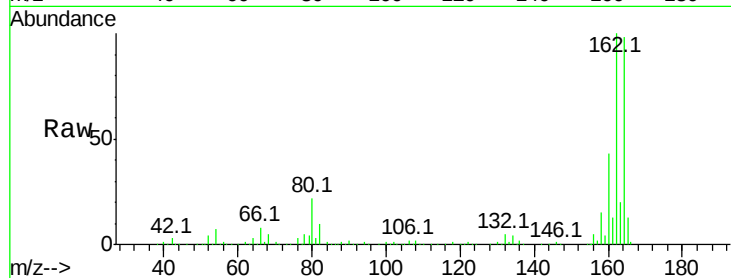




#56
 2,4-Dinitrotoluene
 Concen: 5.718 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102618.D
 Acq: 30 Jan 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



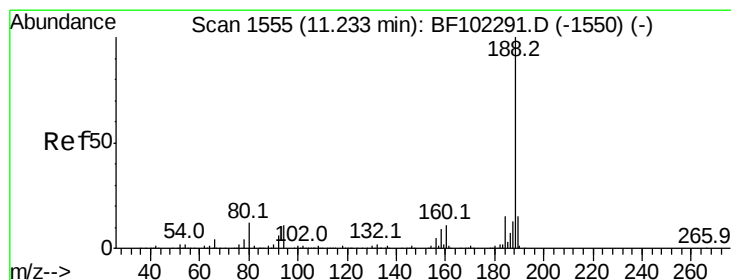
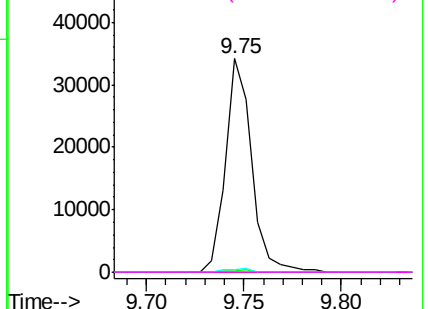
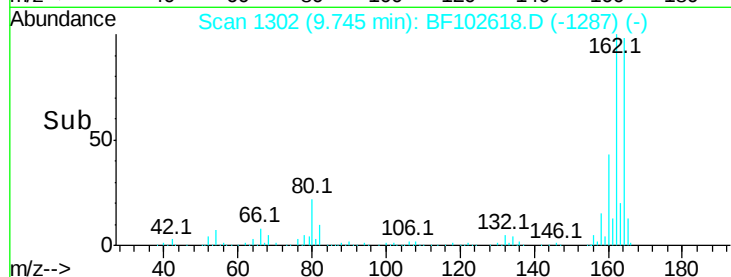
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

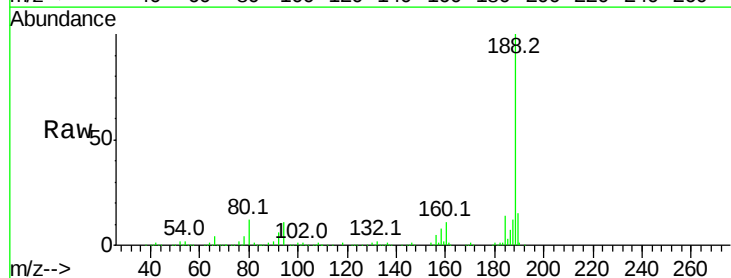
Ion 89.00 (88.70 to 89.70): BF1

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: BF102618.D
 Acq: 30 Jan 2018 00:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8

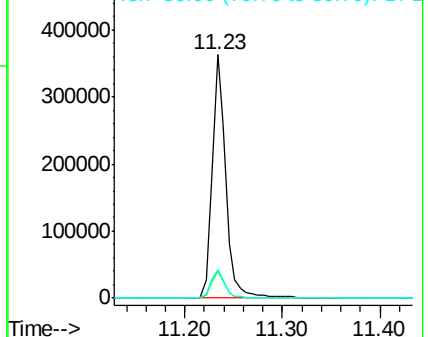
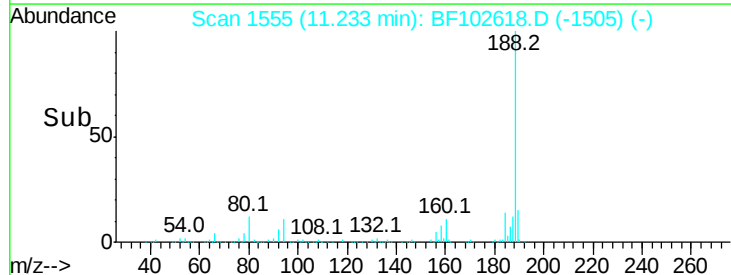


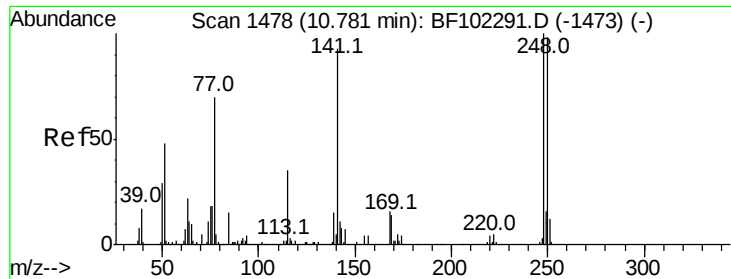
Abundance

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

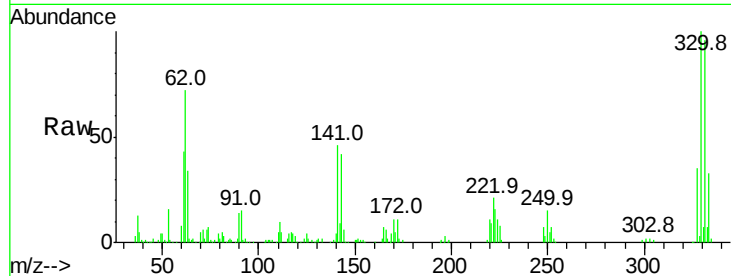




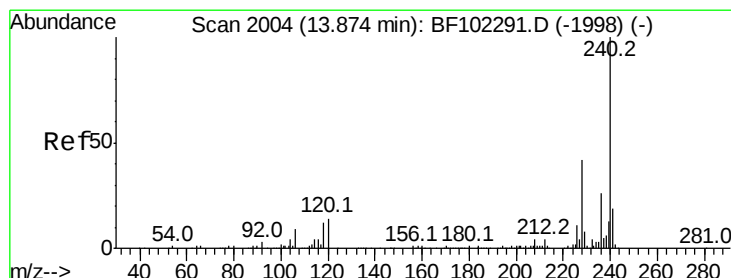
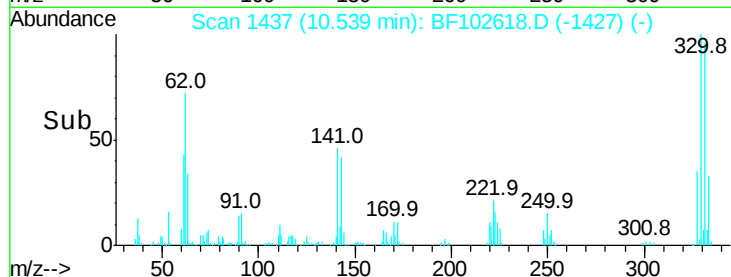
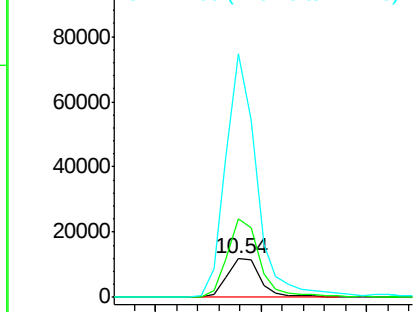
#66
 4-Bromophenyl-phenylether
 Concen: 3.462 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102618.D
 Acq: 30 Jan 2018 00:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13034
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 632.6 74.4 111.6#

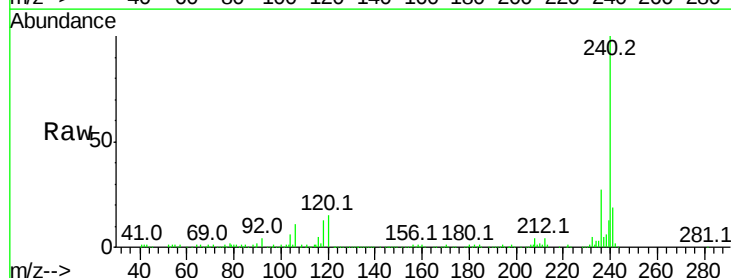


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

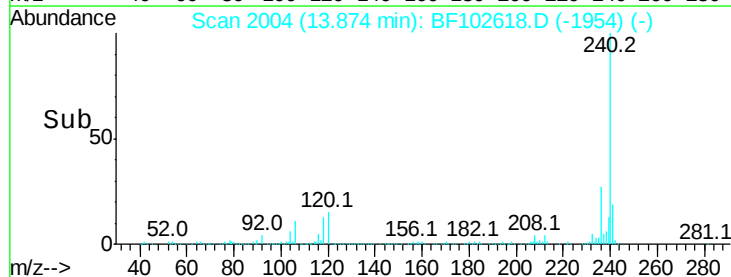
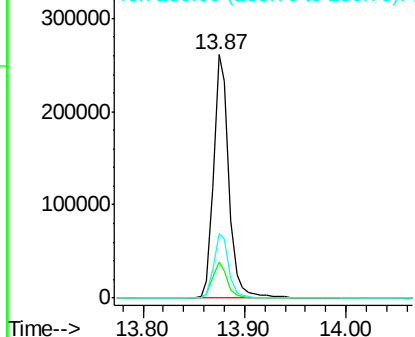


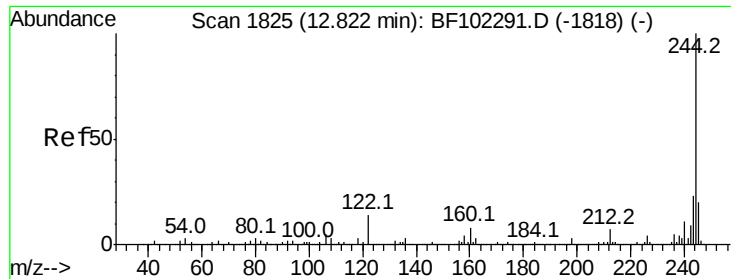
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102618.D
 Acq: 30 Jan 2018 00:53

Tgt Ion:240 Resp: 275140
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 26.6 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

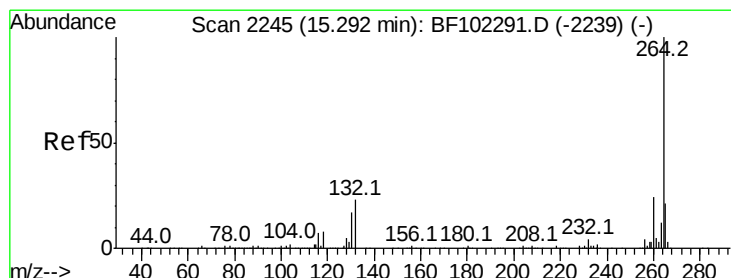
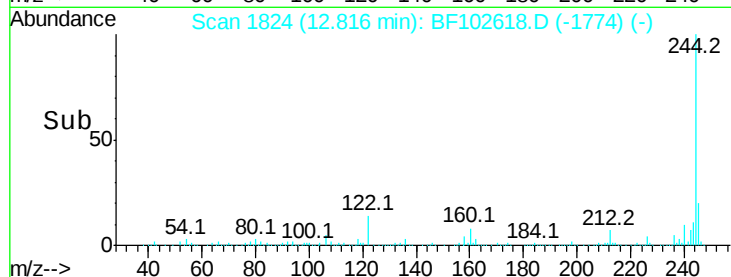
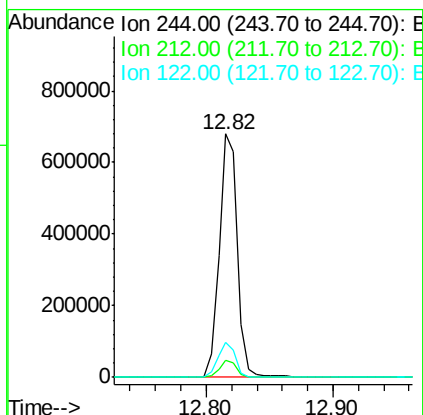
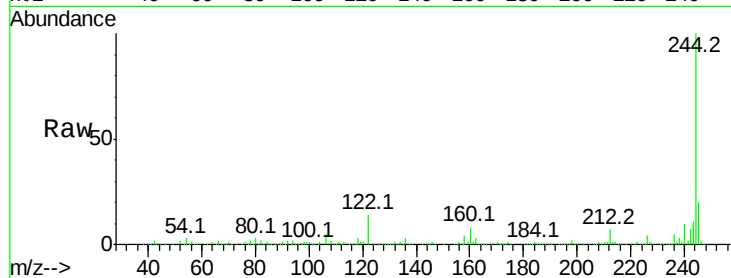




#78
 Terphenyl-d14
 Concen: 55.566 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102618.D
 Acq: 30 Jan 2018 00:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 678176
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102618.D
 Acq: 30 Jan 2018 00:53

Tgt Ion:264 Resp: 290771
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.5 26.3

