

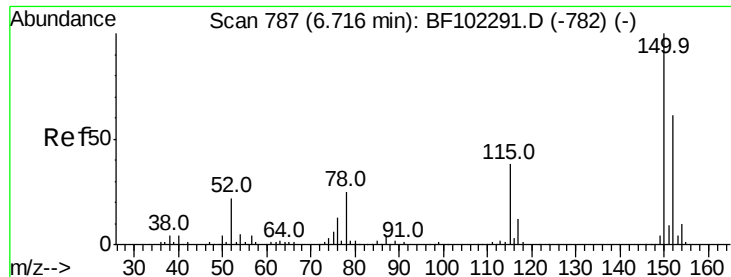
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102642.D
 Acq On : 30 Jan 2018 16:31
 Operator : SJ/JU
 Sample : J1364-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:18:16 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	166680	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	699568	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	315930	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	557685	20.00	ng	0.00
75) Chrysene-d12	13.87	240	474848	20.00	ng	0.00
86) Perylene-d12	15.31	264	383540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	622583	56.64	ng	0.00
7) Phenol-d6	6.36	99	465504	35.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	974472	80.05	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	295252	94.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1680623	78.22	ng	0.00
78) Terphenyl-d14	12.82	244	1554849	73.82	ng	0.00
Target Compounds						
10) Phenol	6.43	94	32052	2.215	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	129704	15.992	ng	# 78
25) Isophorone	7.28	82	974462	44.902	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	39895	7.086	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	39895	5.762	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	19320	3.218	ng	# 1

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

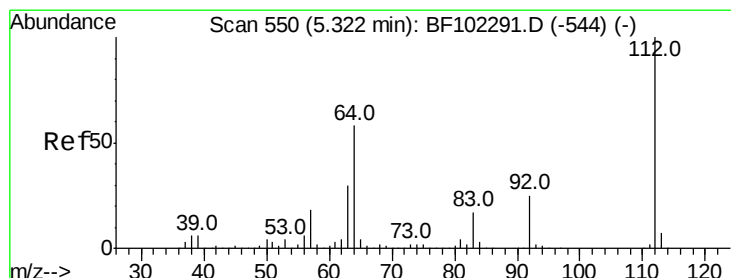
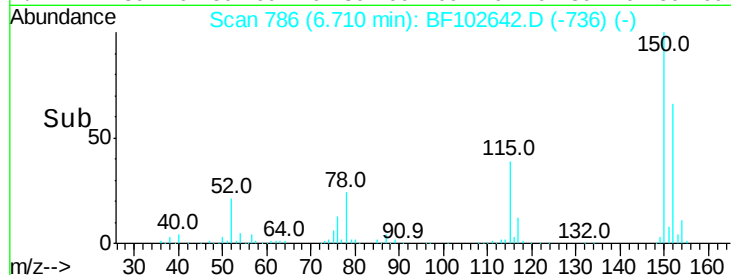
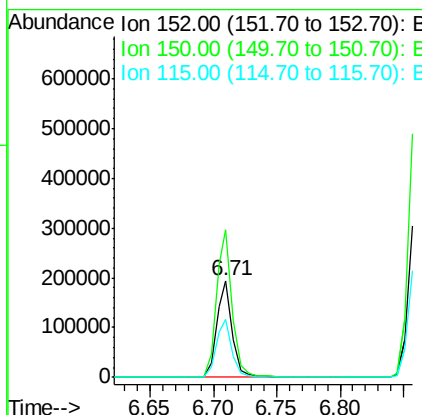
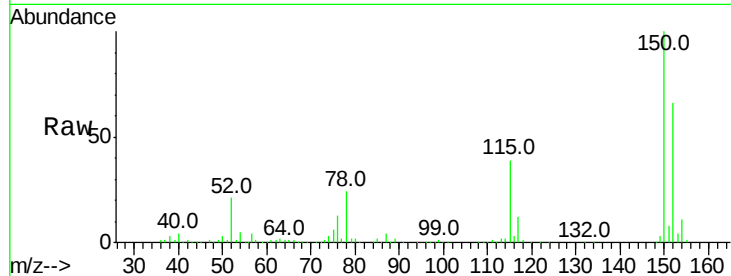


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Instrument :
BNA_F
ClientSampleId :

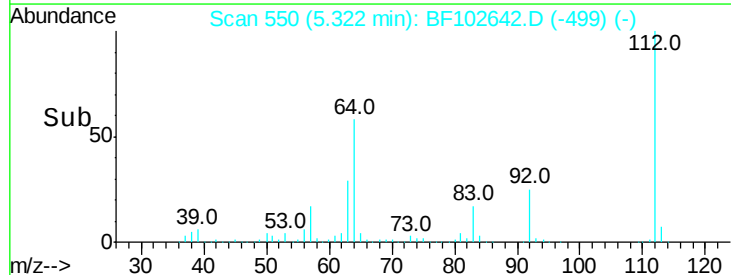
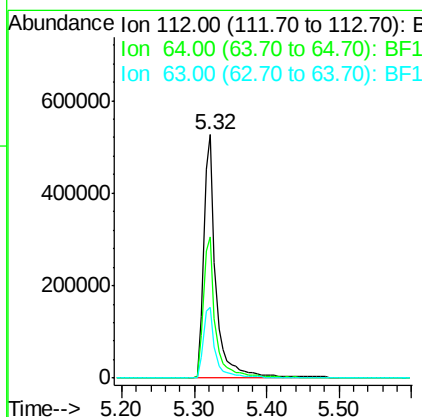
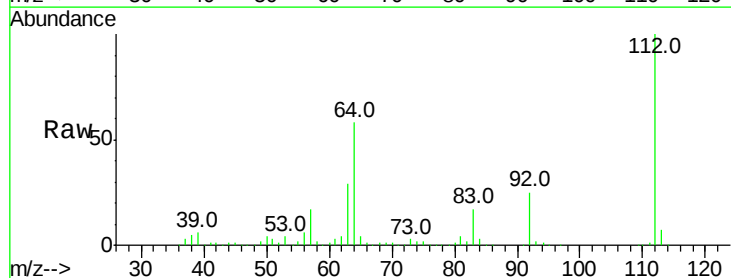
Tot Ion:152 Resp: 166680
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.4 50.1 75.1

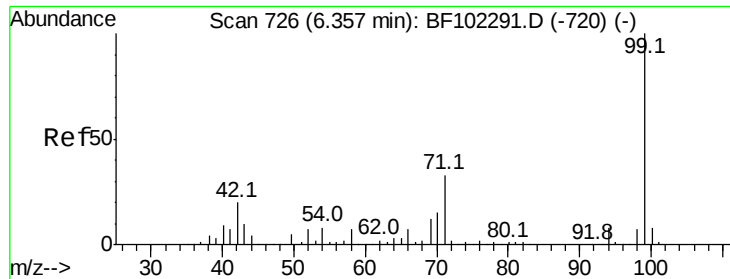


#5

2-Fluorophenol
Concen: 56.635 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Tgt Ion:112 Resp: 622583
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 35.125 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

Instrument :

BNA_F

ClientSampled :

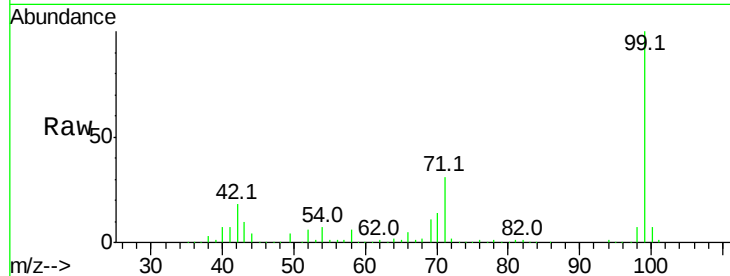
Tot Ion: 99 Resp: 465504

Ion Ratio Lower Upper

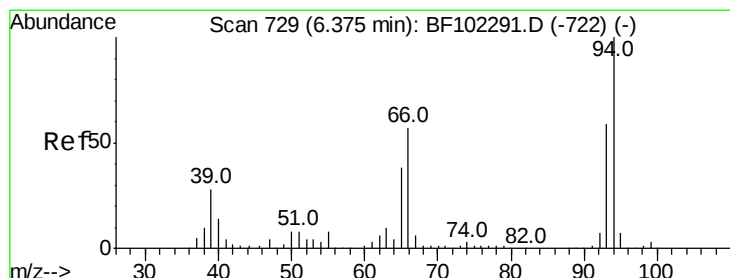
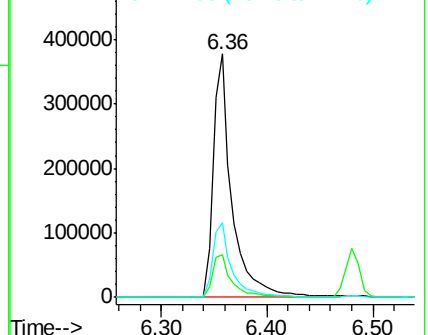
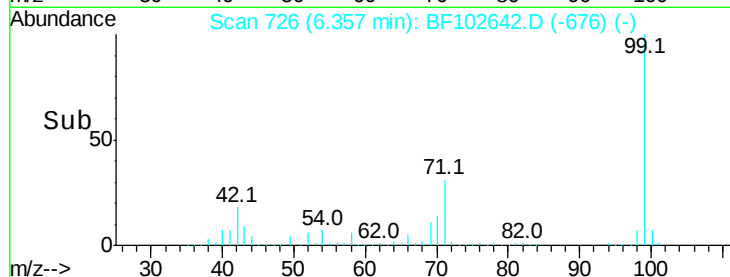
99 100

42 17.5 14.5 21.7

71 30.8 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: 2.215 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.05 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

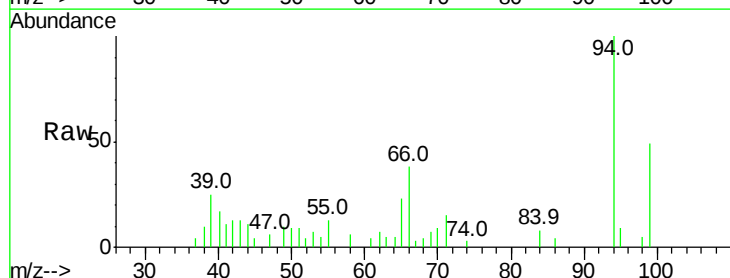
Tgt Ion: 94 Resp: 32052

Ion Ratio Lower Upper

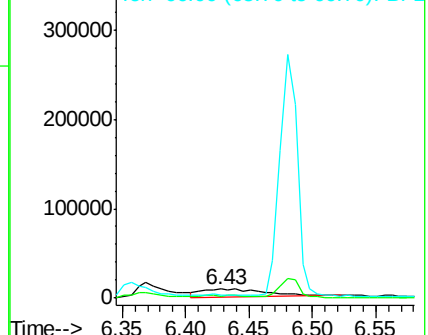
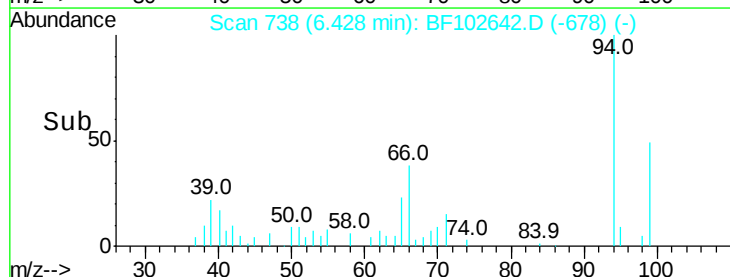
94 100

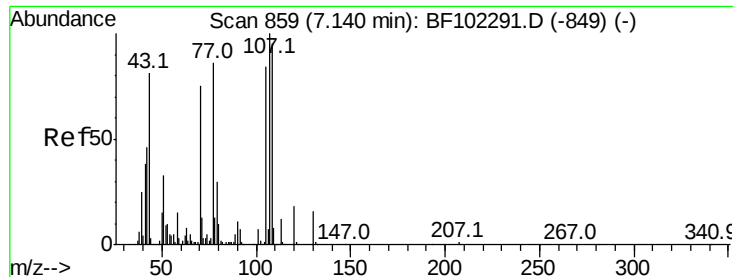
65 23.3 7.9 47.9

66 37.6 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

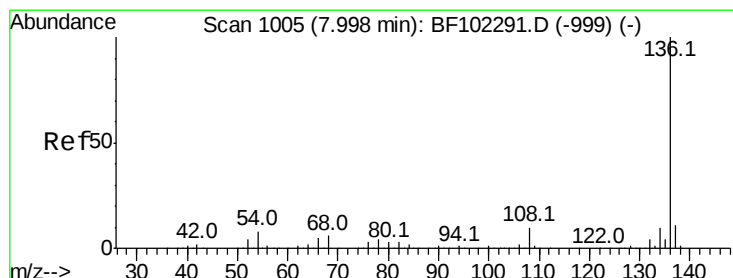
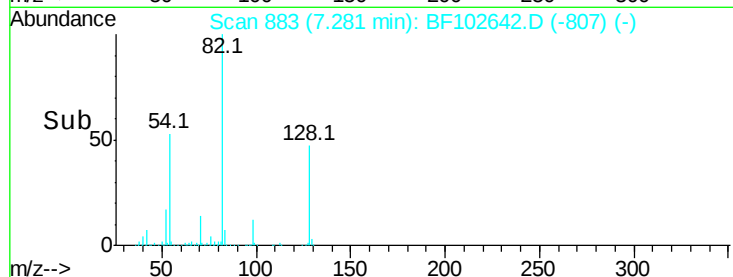
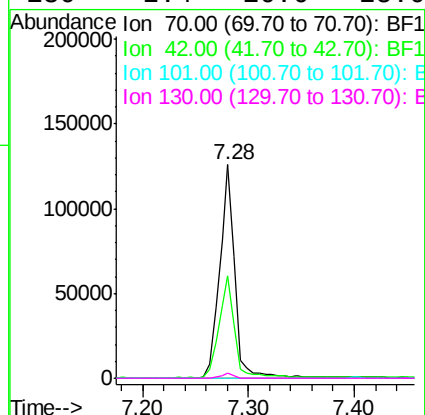
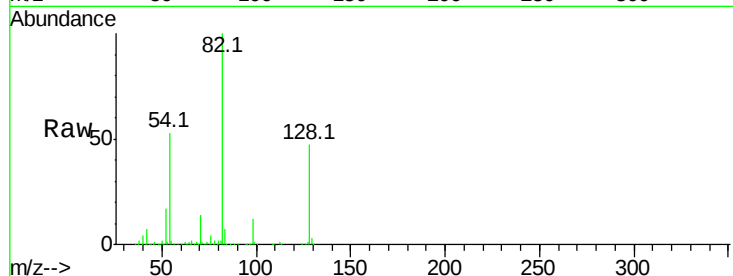




#19
n-Nitroso-di-n-propylamine
Concen: 15.992 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

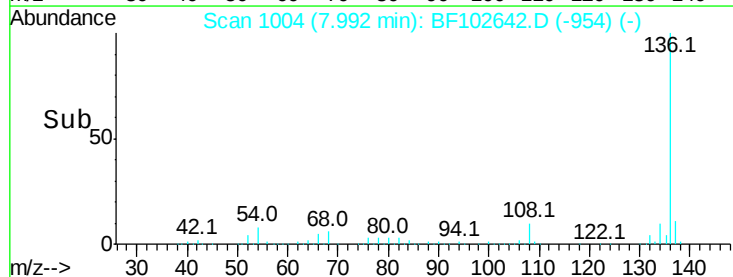
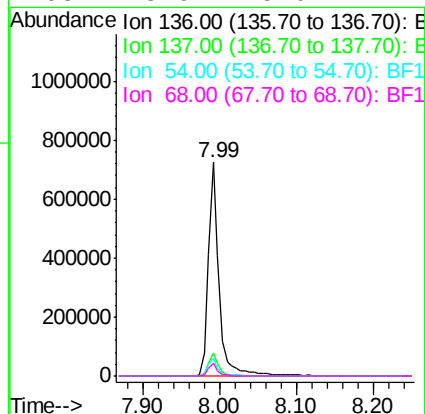
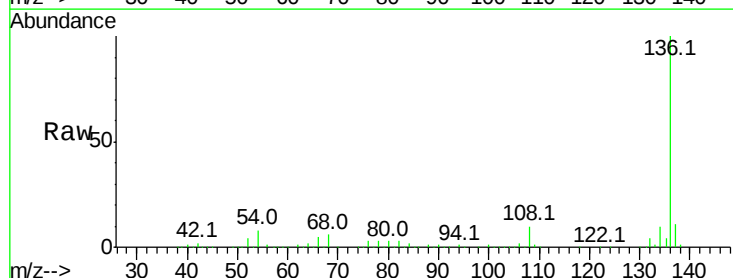
Instrument :
BNA_F
ClientSampleId :

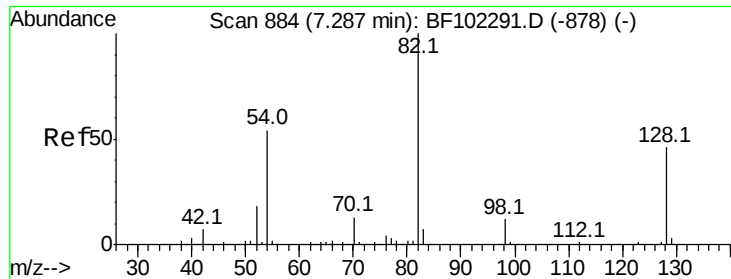
Tot Ion: 70 Resp: 129704
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Tgt Ion:136 Resp: 699568
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.6 9.8
68 5.9 5.0 7.4

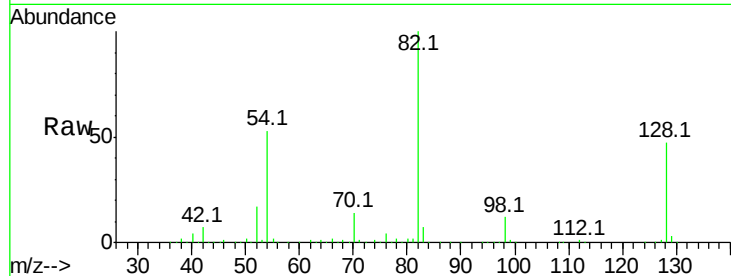




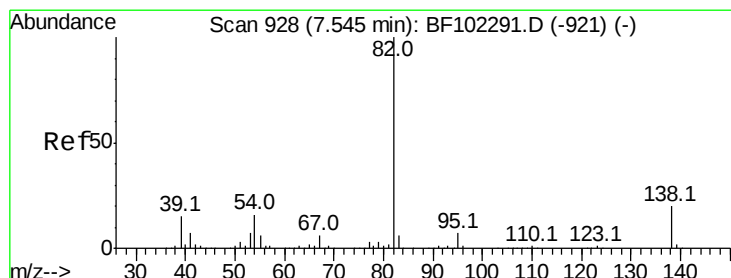
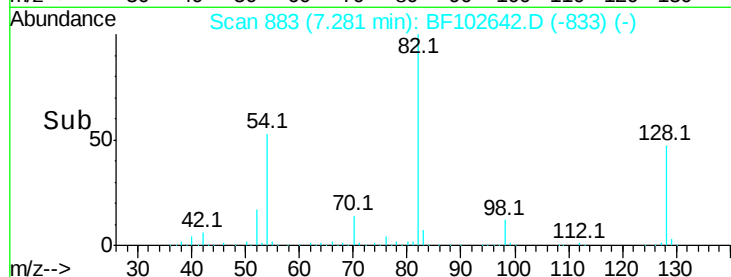
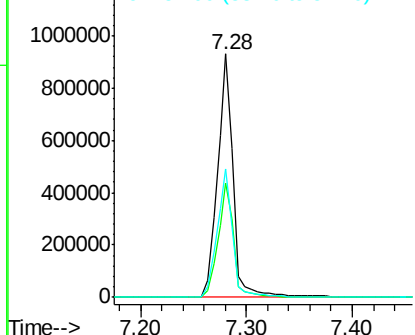
#23
 Nitrobenzene-d5
 Concen: 80.049 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 974472
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 52.7 41.4 62.2

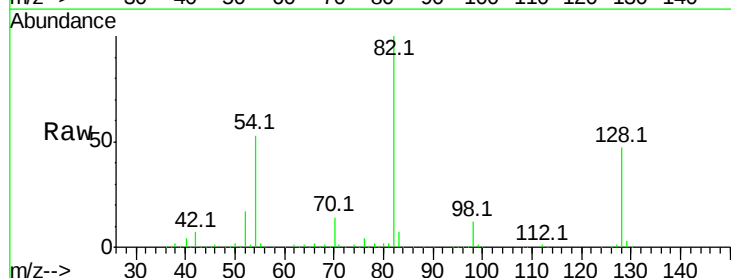


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

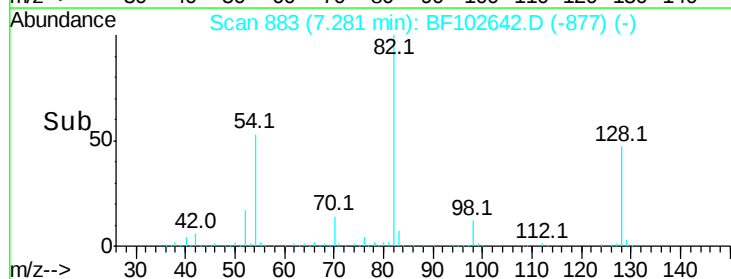
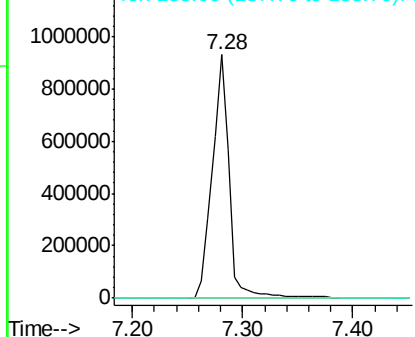


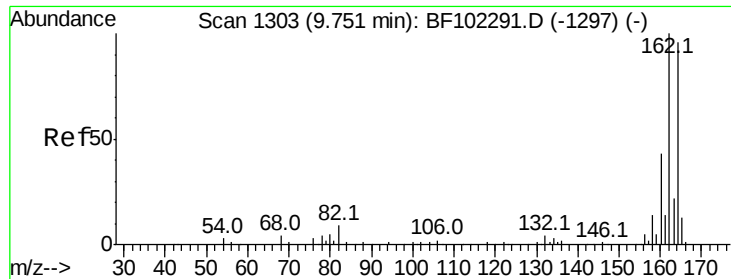
#25
 Isophorone
 Concen: 44.902 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Tgt Ion: 82 Resp: 974462
 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

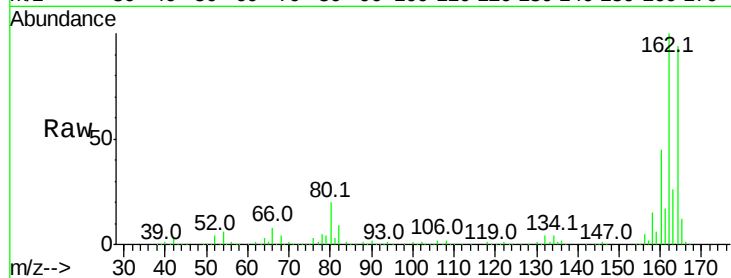




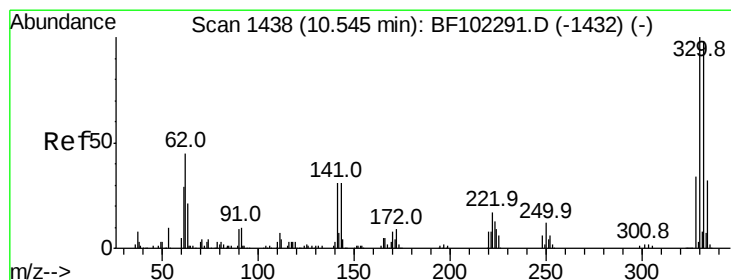
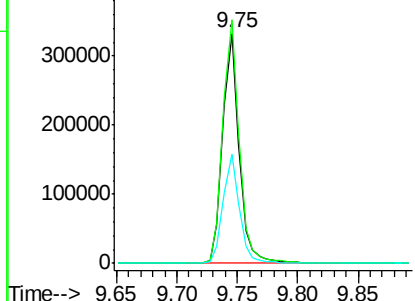
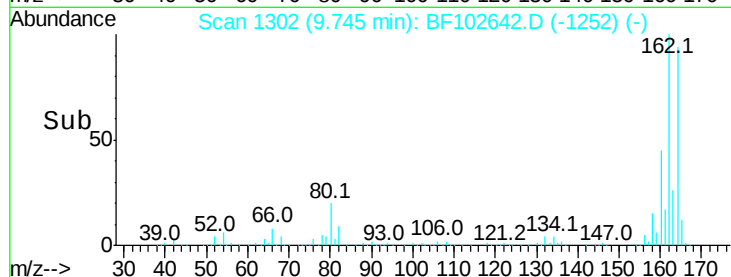
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 315930
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.3 38.3 57.5

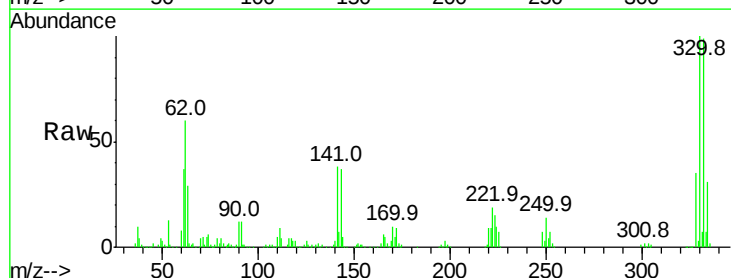


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

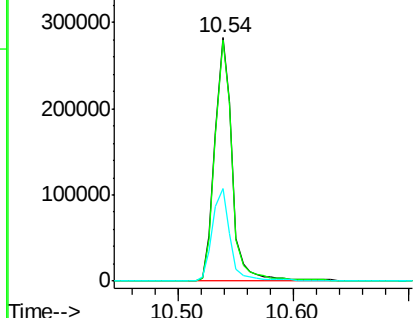
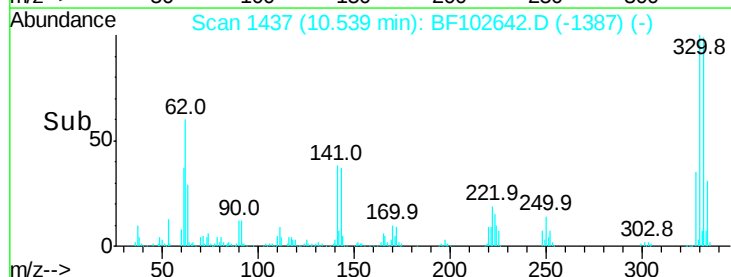


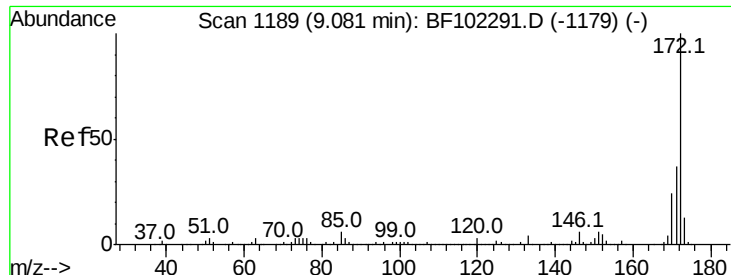
#41
 2,4,6-Tribromophenol
 Concen: 94.317 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Tgt Ion:330 Resp: 295252
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 39.5 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

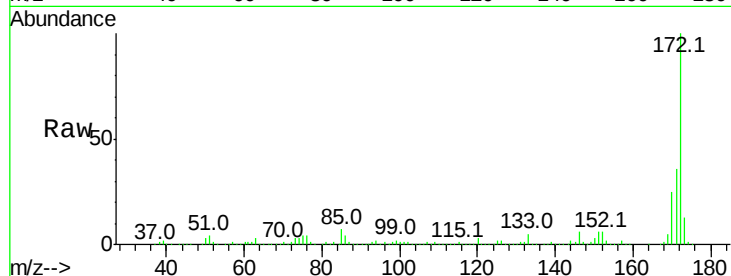




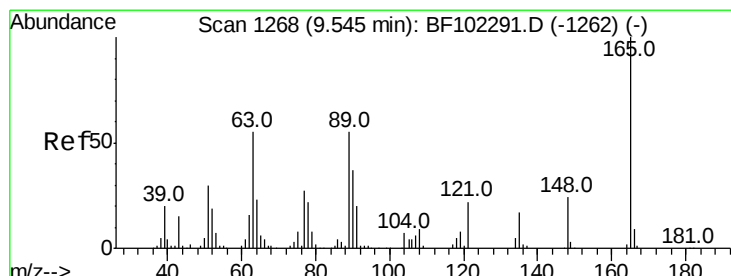
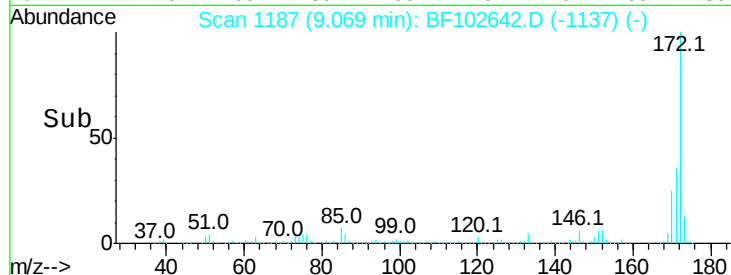
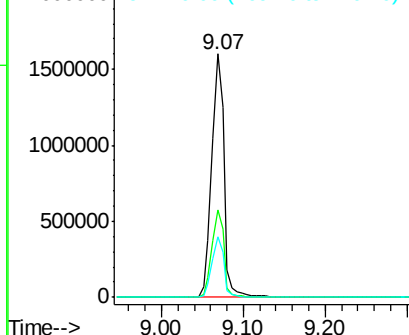
#44
 2-Fluorobiphenyl
 Concen: 78.217 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1680623
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.7 19.6 29.4

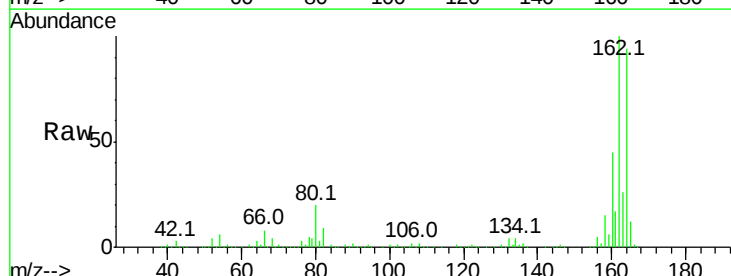


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

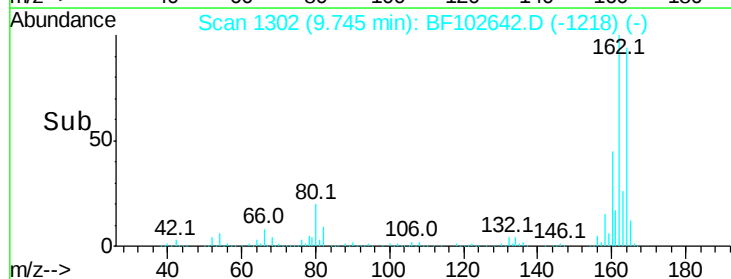
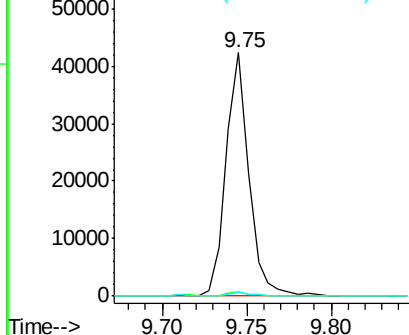


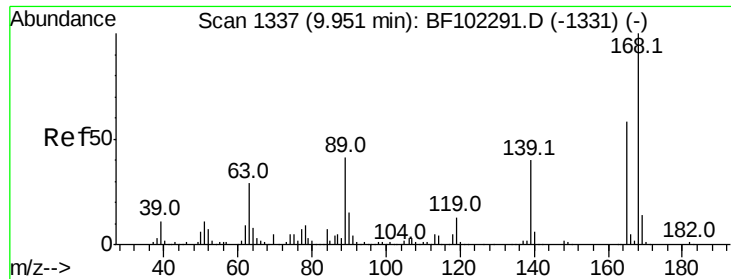
#50
 2,6-Dinitrotoluene
 Concen: 7.086 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Tgt Ion:165 Resp: 39895
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.7 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

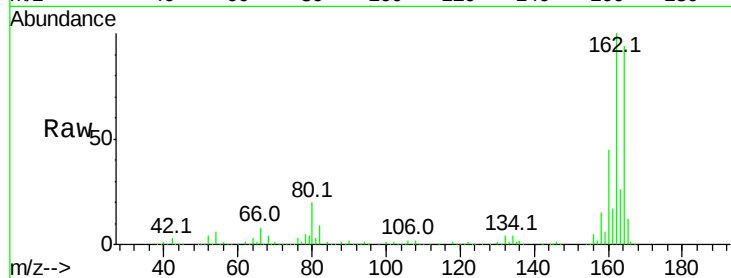




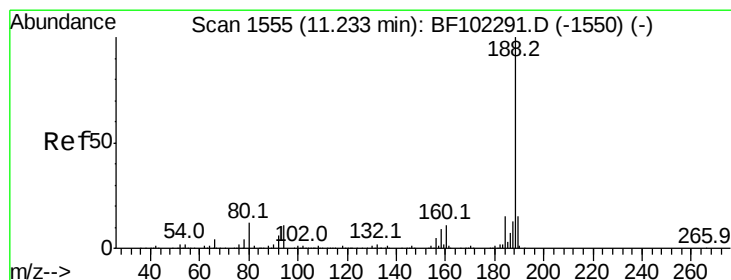
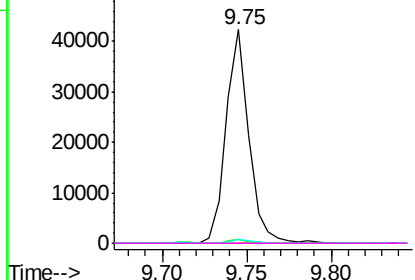
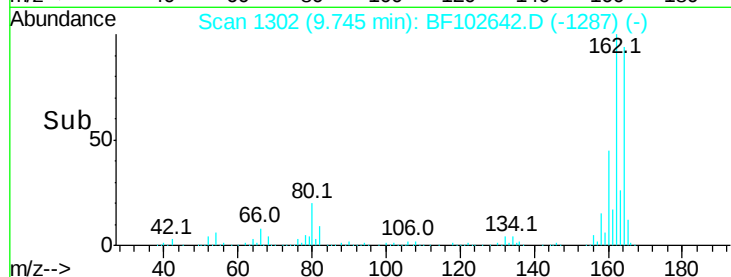
#56
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 39895
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

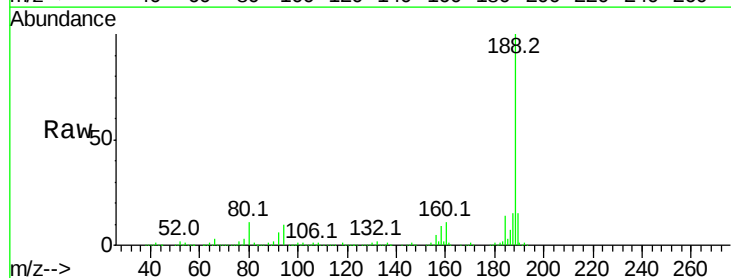


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

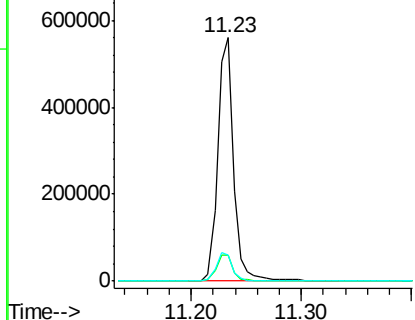
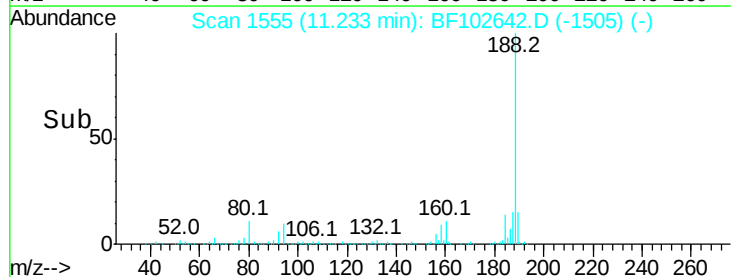


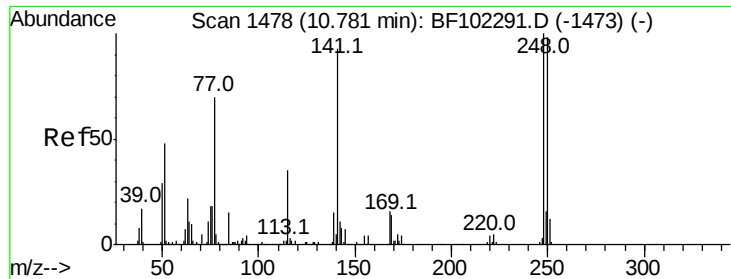
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Tgt Ion:188 Resp: 557685
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.5 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

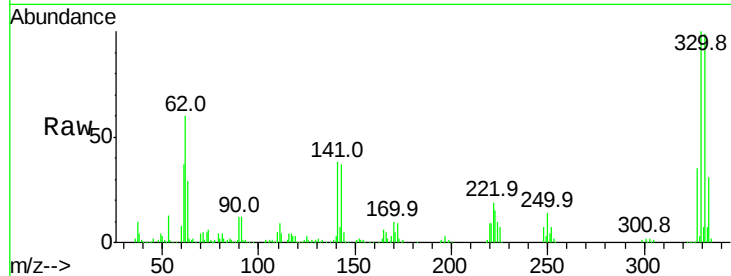




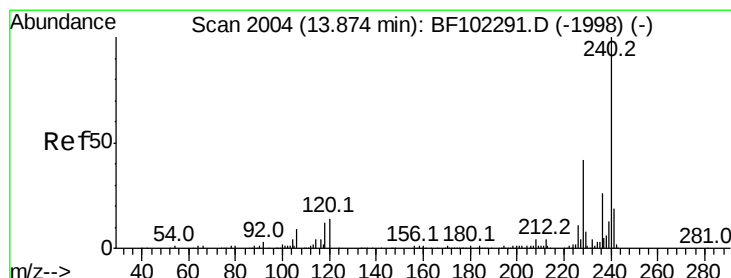
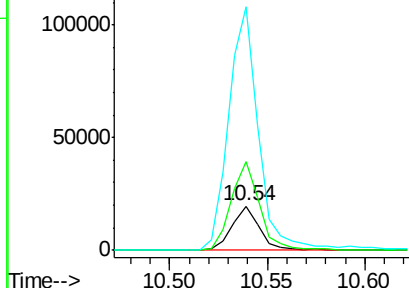
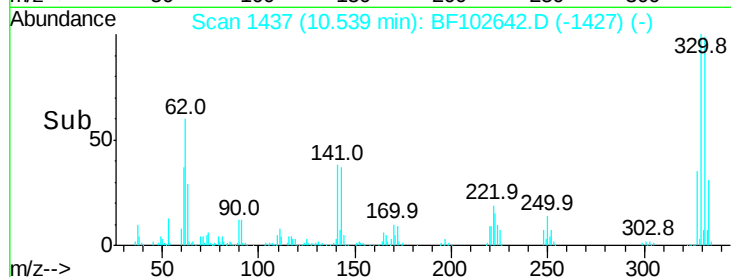
#66
4-Bromophenyl-phenylether
Concen: 3.218 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19320
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 546.8 74.4 111.6#

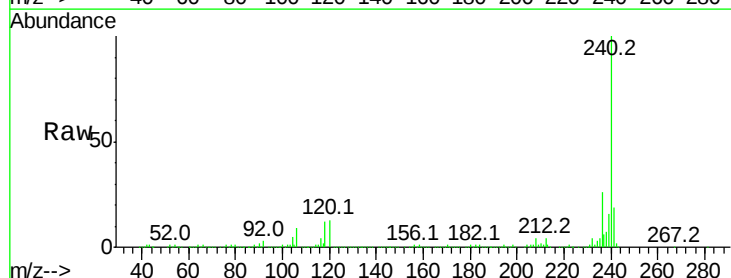


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

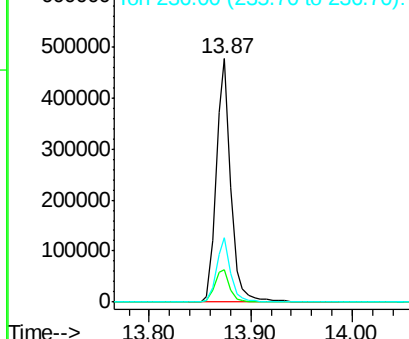
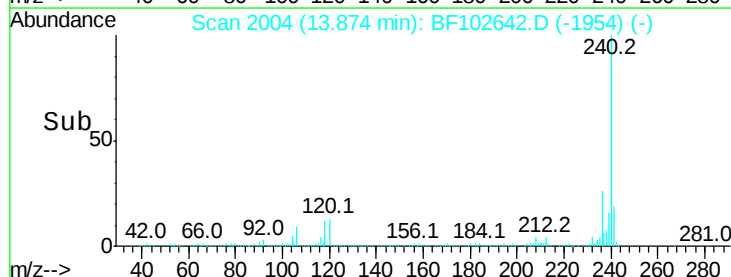


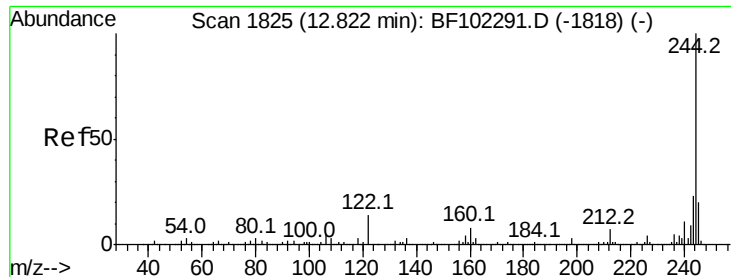
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Tgt Ion:240 Resp: 474848
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.3 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

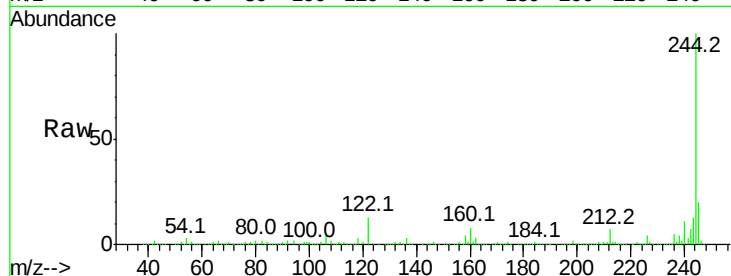




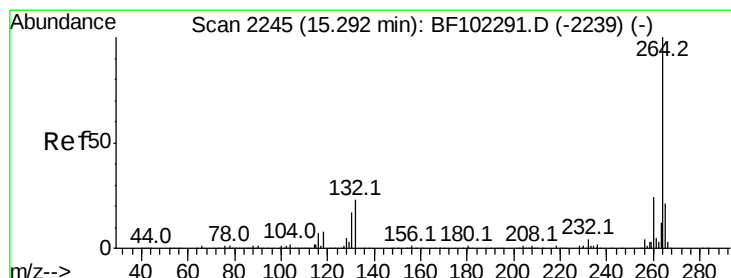
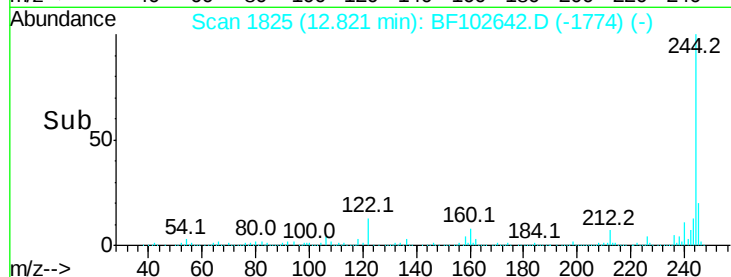
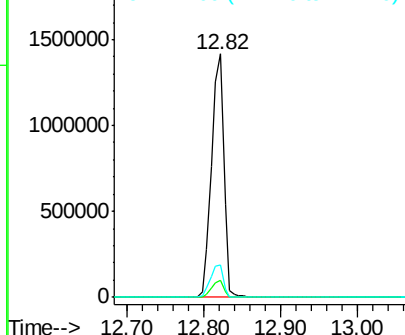
#78
 Terphenyl-d14
 Concen: 73.817 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1554849
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4

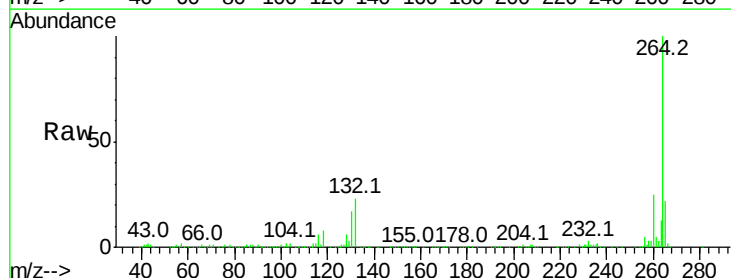


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Tgt Ion:264 Resp: 383540
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.0 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

