

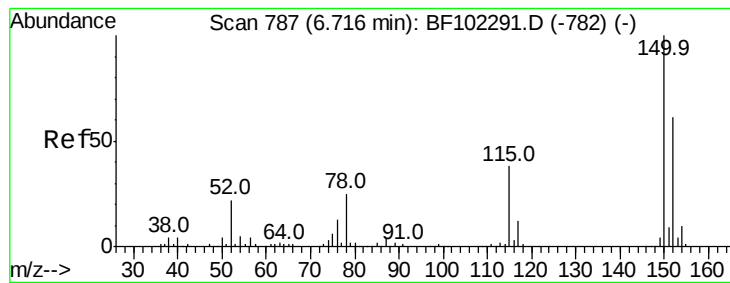
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102625.D
 Acq On : 30 Jan 2018 4:15
 Operator : SJ/JU
 Sample : J1253-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 04:50:40 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	151176	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	628013	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	271023	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	419278	20.00	ng	0.00
75) Chrysene-d12	13.87	240	277797	20.00	ng	0.00
86) Perylene-d12	15.30	264	271560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1217839	122.15	ng	0.01
7) Phenol-d6	6.36	99	1594827	132.68	ng	0.00
23) Nitrobenzene-d5	7.28	82	887844	81.24	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	251451	93.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1412084	76.61	ng	0.00
78) Terphenyl-d14	12.82	244	926289	75.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	23365	2.802	ng	80
19) n-Nitroso-di-n-propylamine	7.28	70	117026	15.909	ng	# 79
25) Isophorone	7.28	82	887837	45.571	ng	# 64
49) Dimethylphthalate	9.47	163	147083	6.566	ng	99
56) 2,4-Dinitrotoluene	9.75	165	34351	5.784	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	16389	3.631	ng	# 1

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

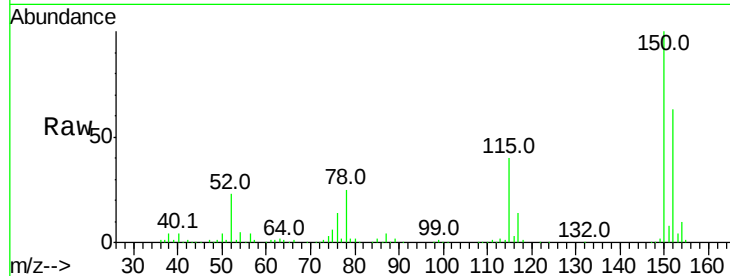


#1

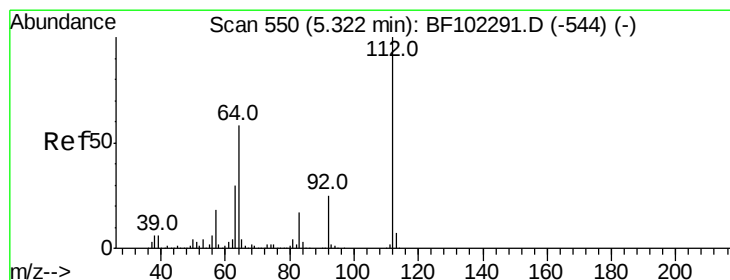
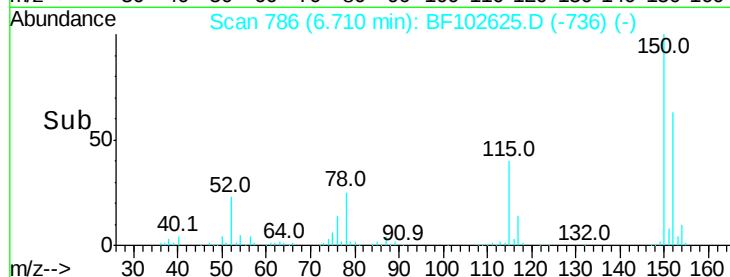
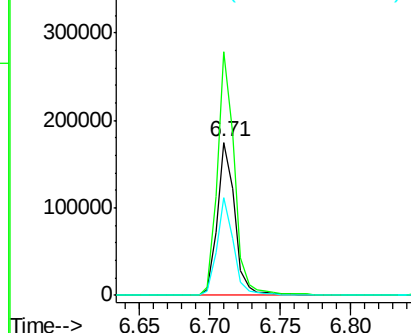
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151176
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 64.0 50.1 75.1



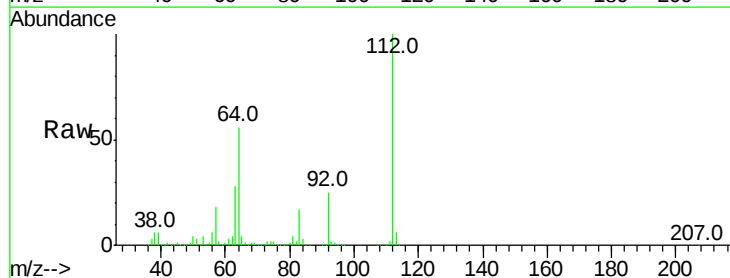
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



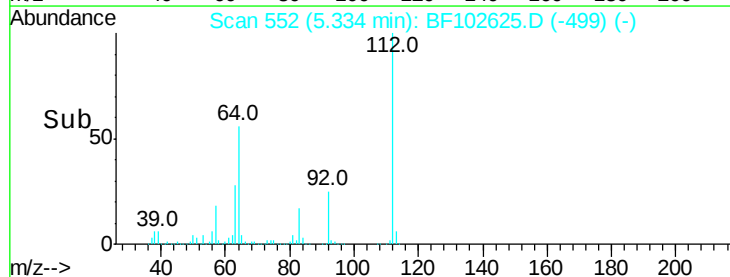
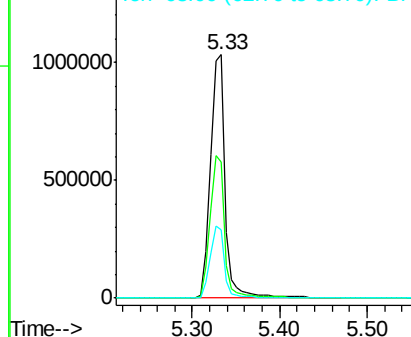
#5

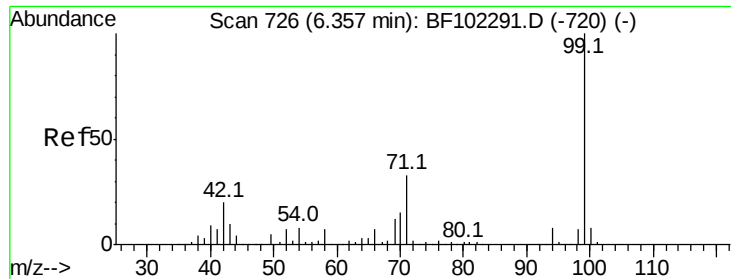
2-Fluorophenol
Concen: 122.146 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Tgt Ion:112 Resp: 1217839
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 28.3 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: 132.680 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102625.D

Acq: 30 Jan 2018 4:15

Instrument :

BNA_F

ClientSampleId :

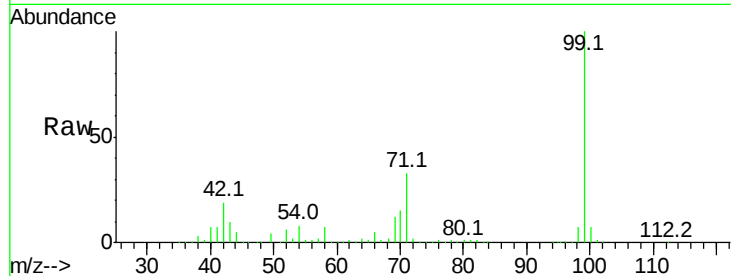
Tot Ion: 99 Resp: 1594827

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

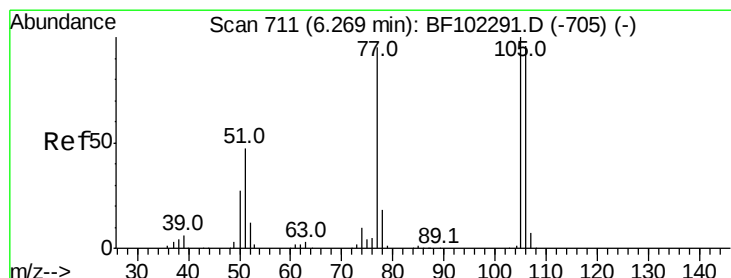
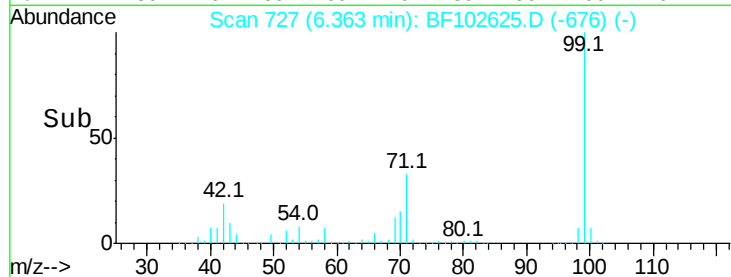
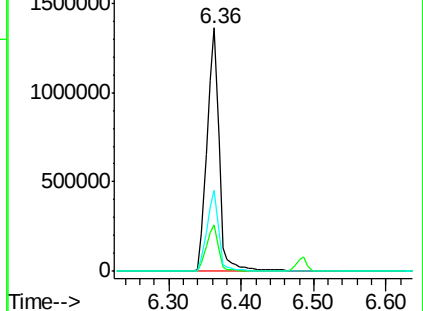
71 33.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.802 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102625.D

Acq: 30 Jan 2018 4:15

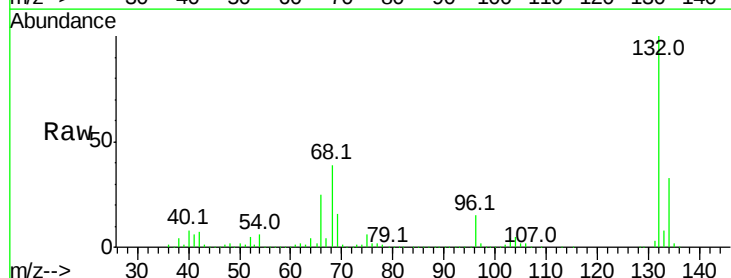
Tgt Ion: 77 Resp: 23365

Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

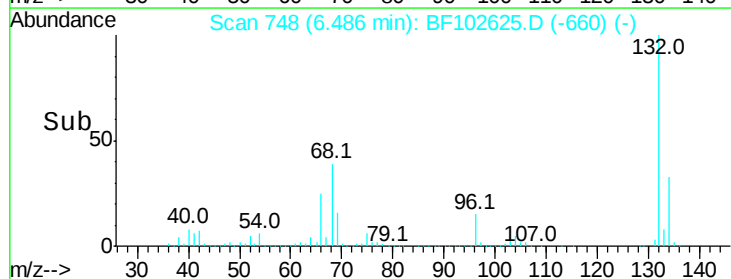
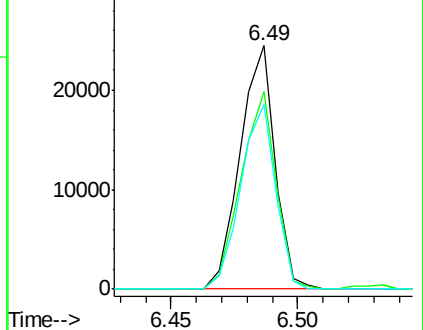
106 75.6 74.5 114.5

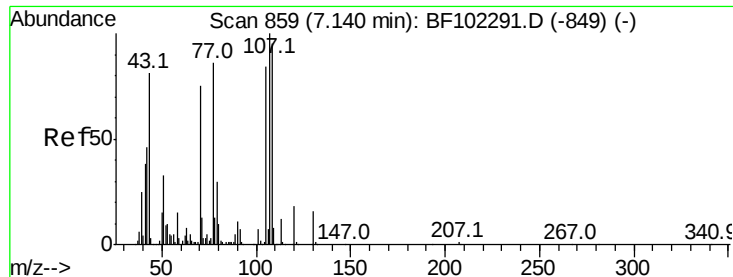


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

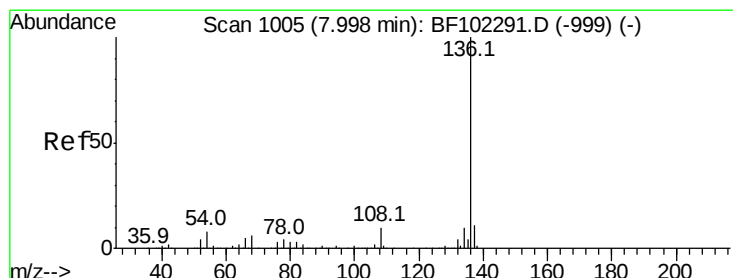
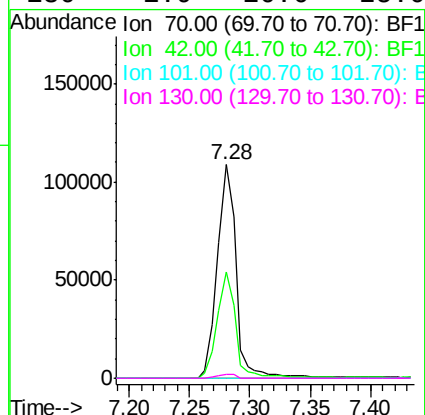
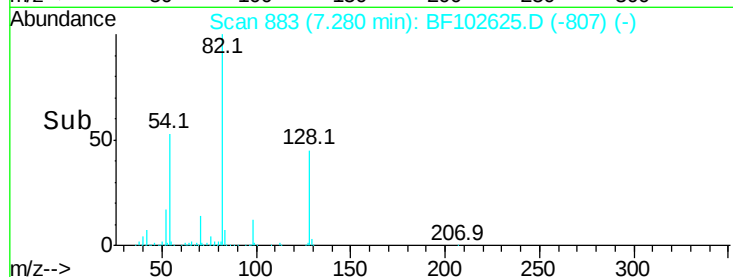
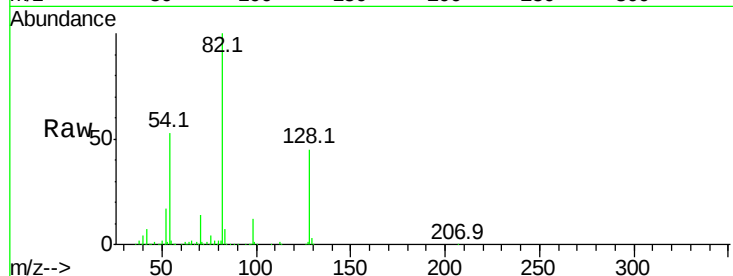




#19
n-Nitroso-di-n-propylamine
Concen: 15.909 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

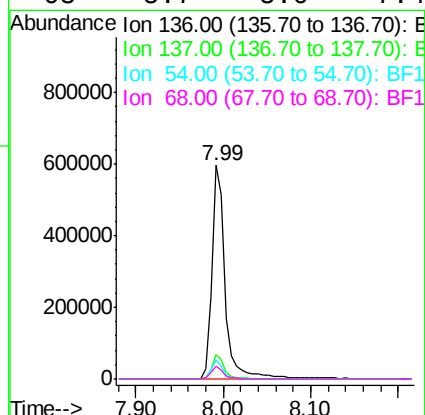
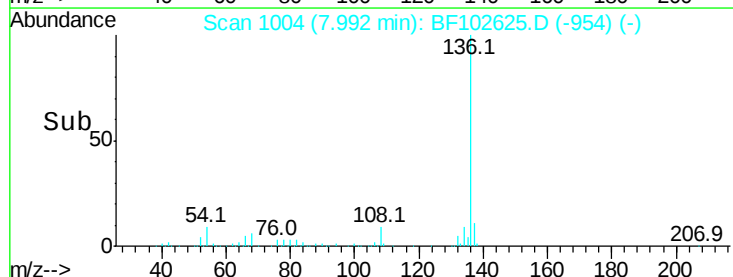
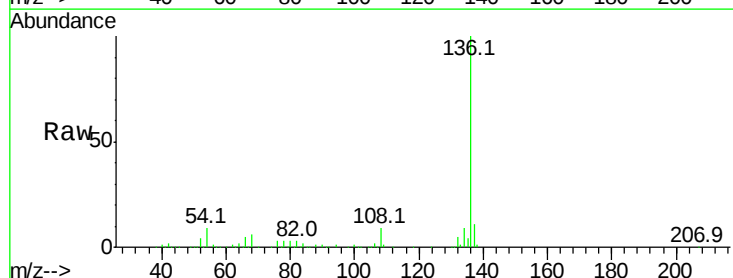
Instrument :
BNA_F
ClientSampleId :

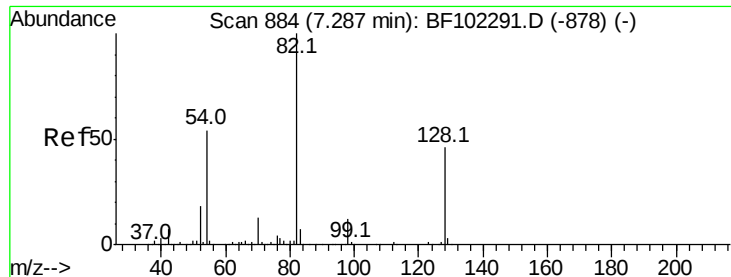
Tot Ion: 70 Resp: 117026
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Tgt Ion:136 Resp: 628013
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.8 6.6 9.8
68 5.7 5.0 7.4

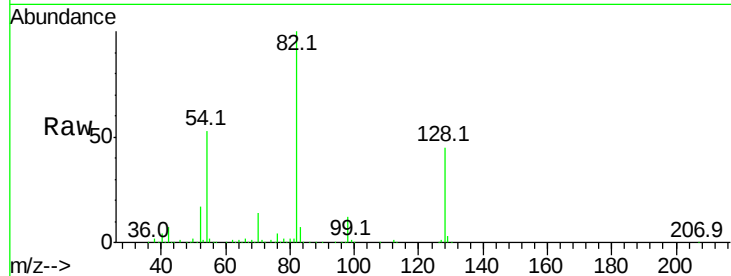




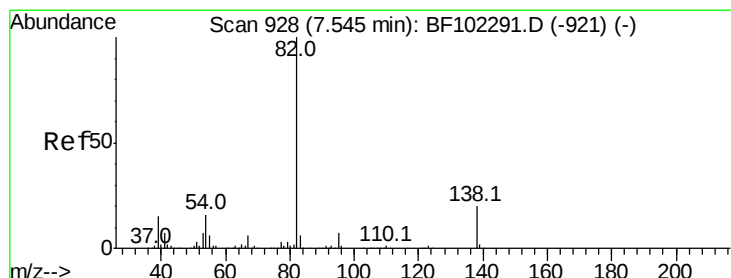
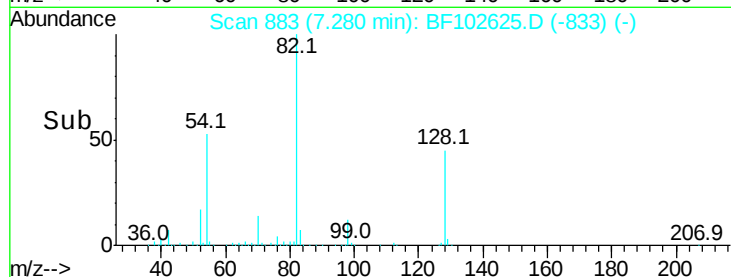
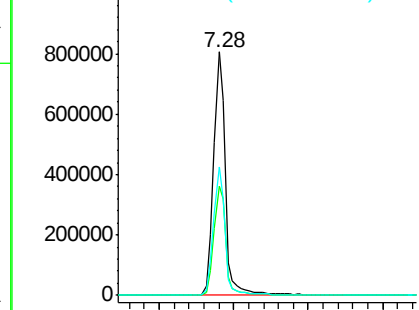
#23
 Nitrobenzene-d5
 Concen: 81.243 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102625.D
 Acq: 30 Jan 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 887844
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 52.5 41.4 62.2

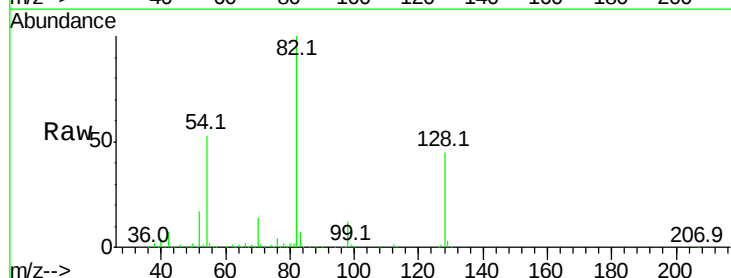


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

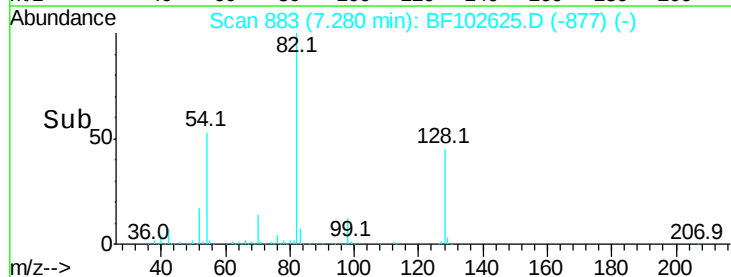
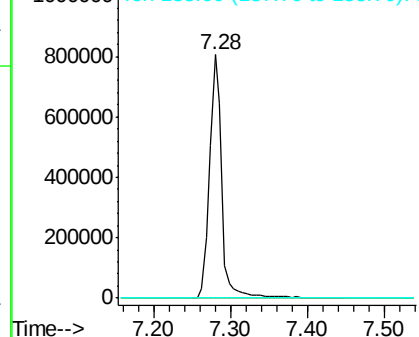


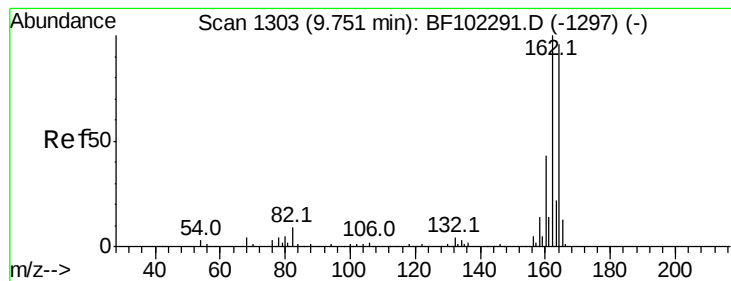
#25
 Isophorone
 Concen: 45.571 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102625.D
 Acq: 30 Jan 2018 4:15

Tgt Ion: 82 Resp: 887837
 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: BF102625.D

Acq: 30 Jan 2018 4:15

Instrument :

BNA_F

ClientSampleId :

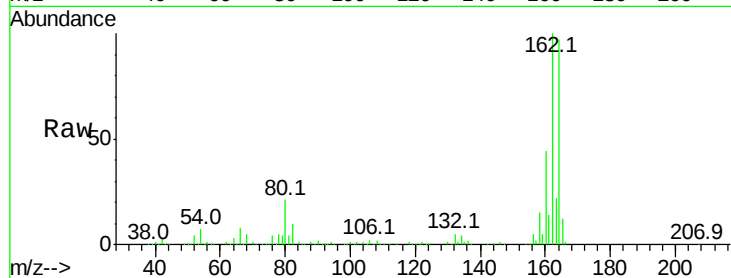
Tot Ion:164 Resp: 271023

Ion Ratio Lower Upper

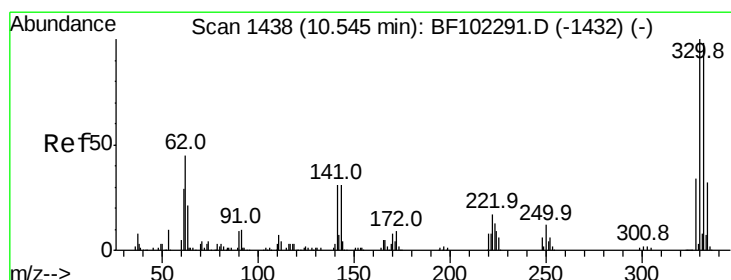
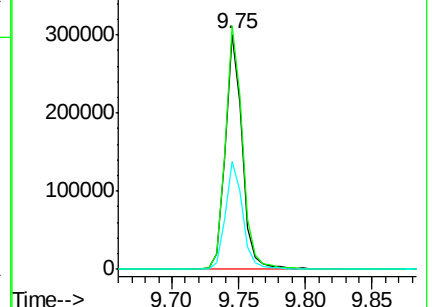
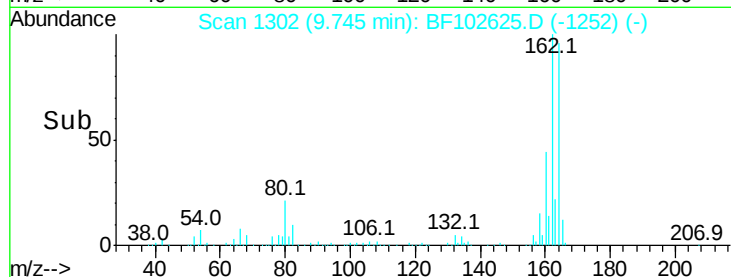
164 100

162 103.6 86.1 129.1

160 46.1 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: 93.635 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102625.D

Acq: 30 Jan 2018 4:15

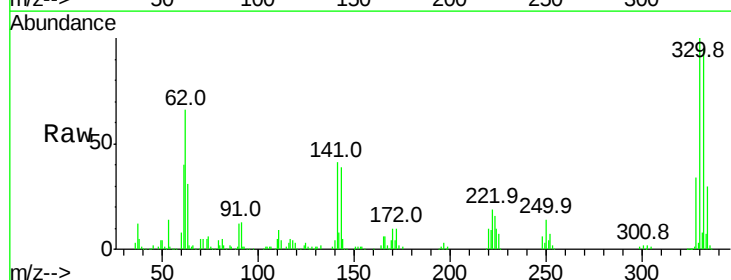
Tgt Ion:330 Resp: 251451

Ion Ratio Lower Upper

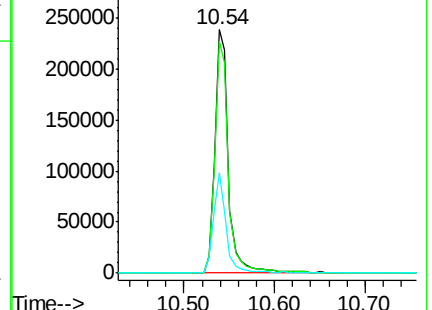
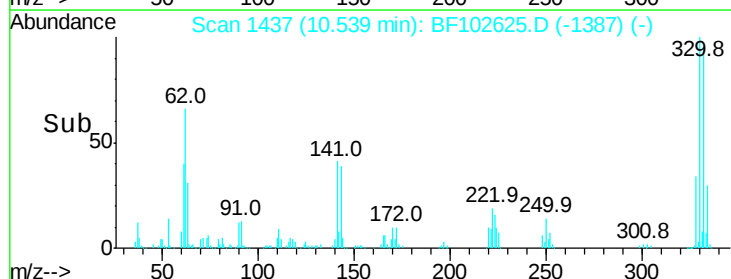
330 100

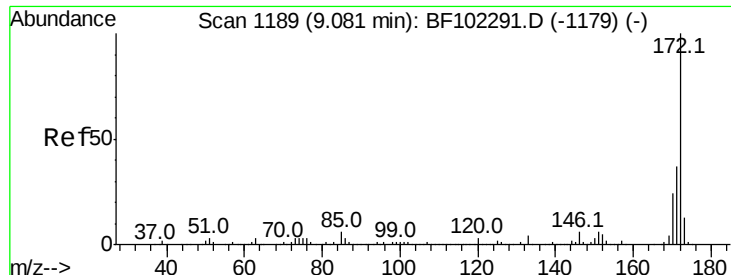
332 94.9 77.0 115.6

141 38.7 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

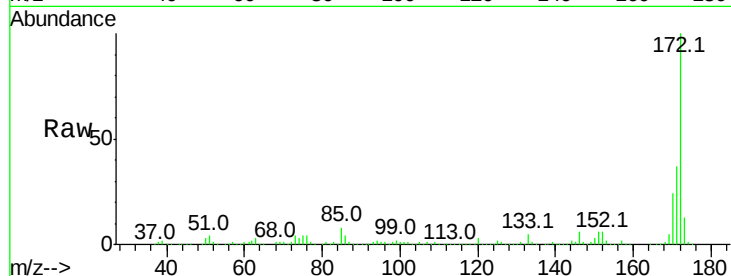




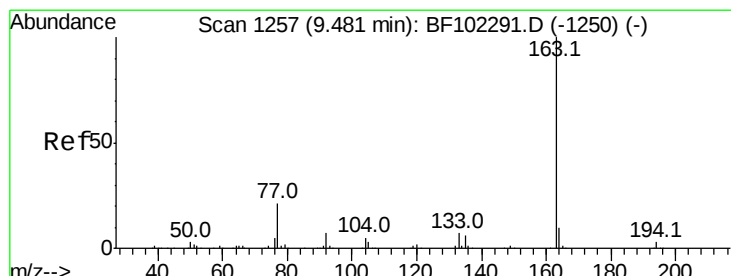
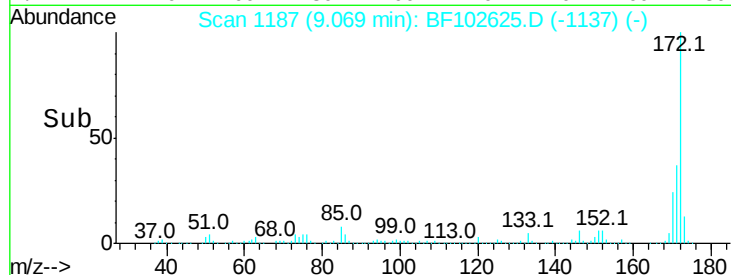
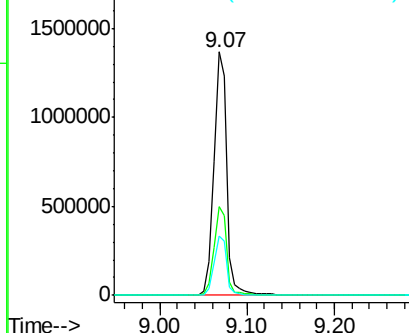
#44
2-Fluorobiphenyl
Concen: 76.608 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1412084
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

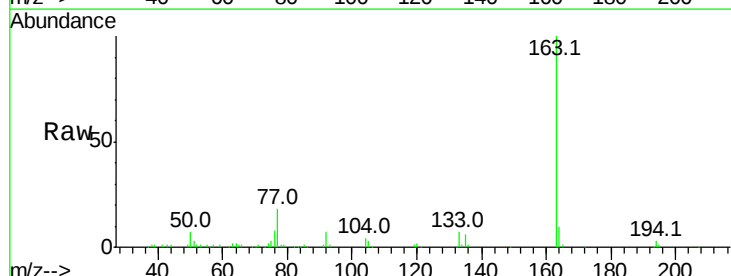


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

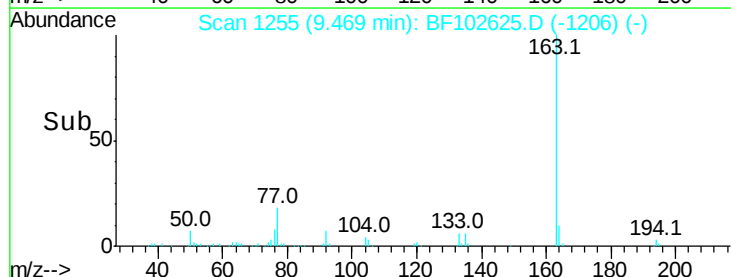
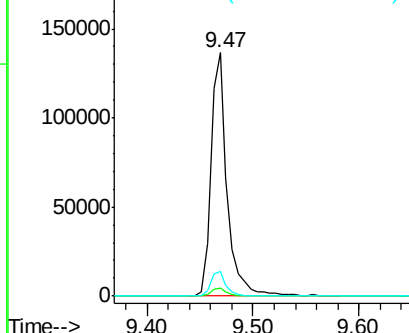


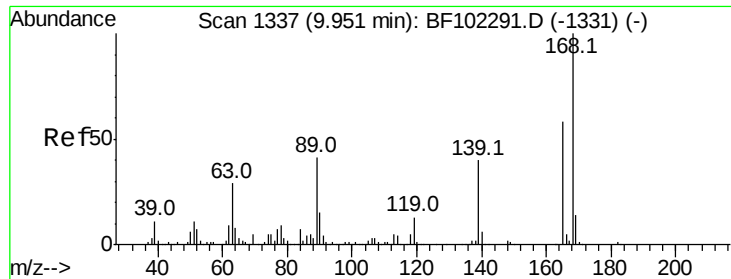
#49
Dimethylphthalate
Concen: 6.566 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Tgt Ion:163 Resp: 147083
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 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

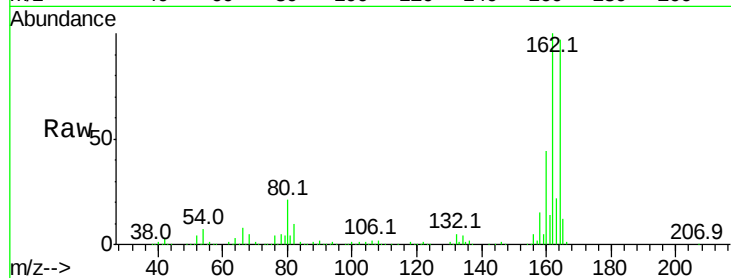




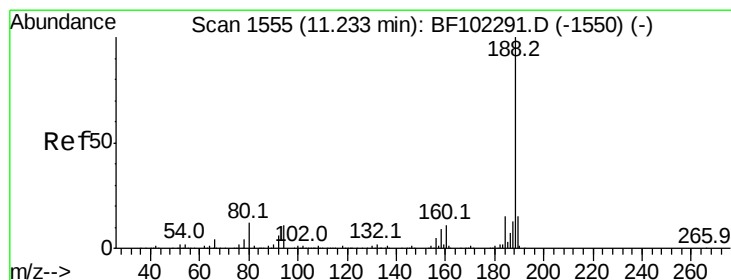
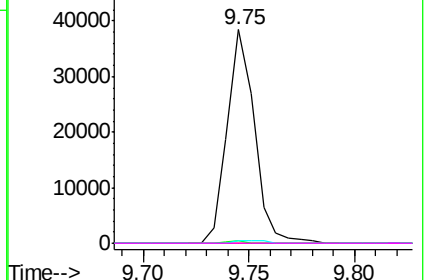
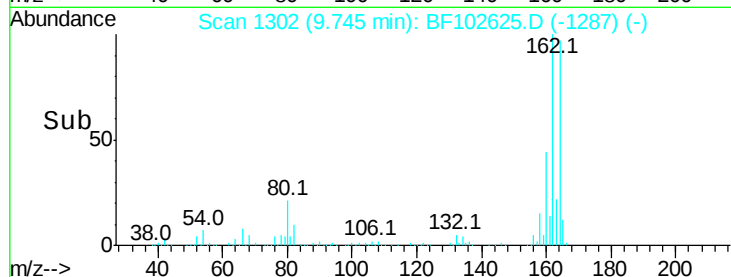
#56
 2,4-Dinitrotoluene
 Concen: 5.784 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102625.D
 Acq: 30 Jan 2018 4:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34351
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

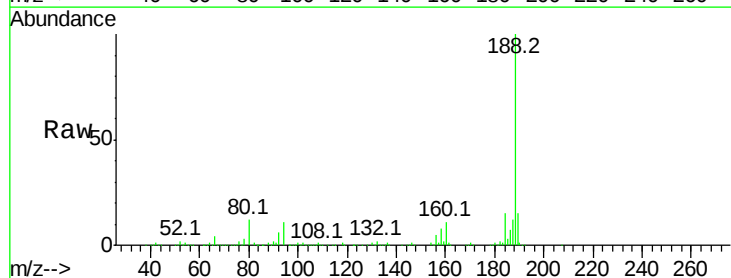


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

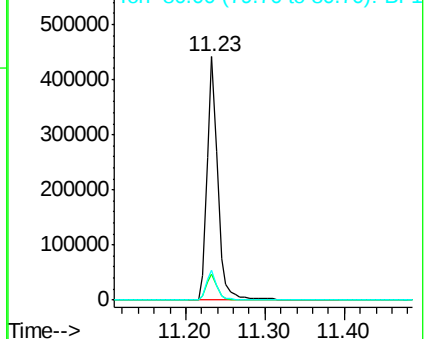
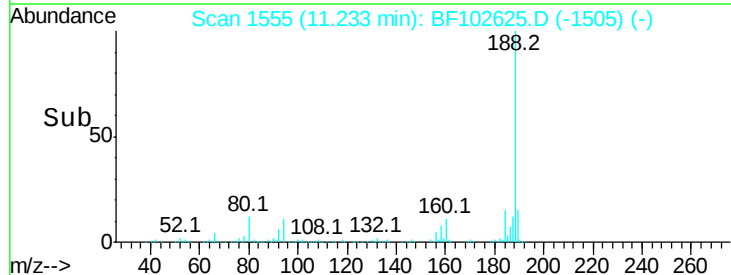


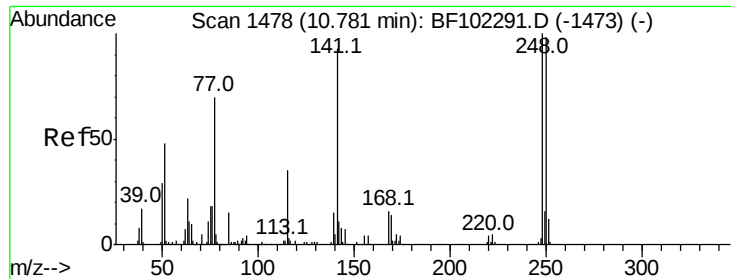
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102625.D
 Acq: 30 Jan 2018 4:15

Tgt Ion:188 Resp: 419278
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.0 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

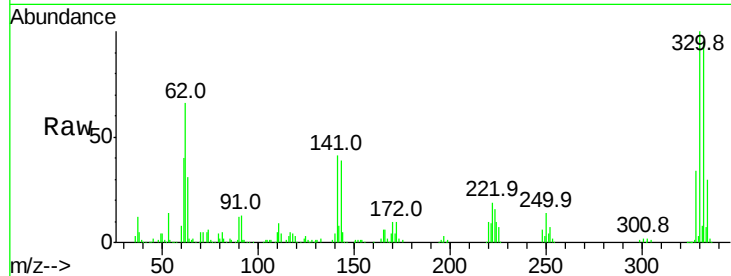




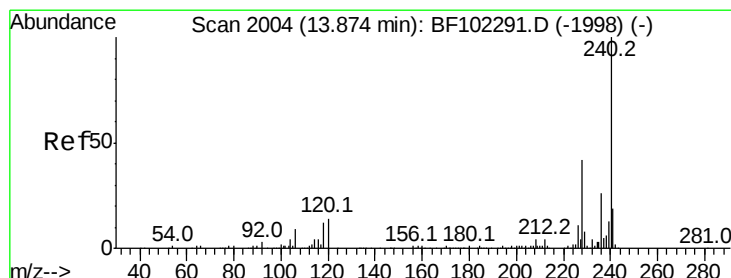
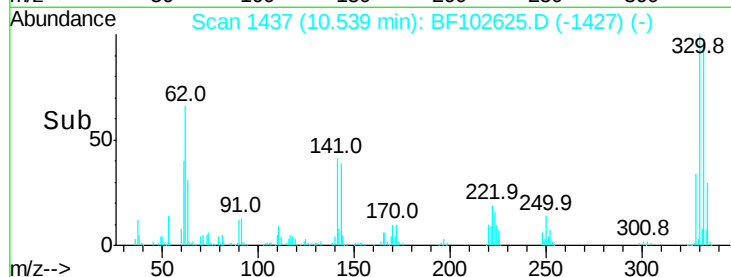
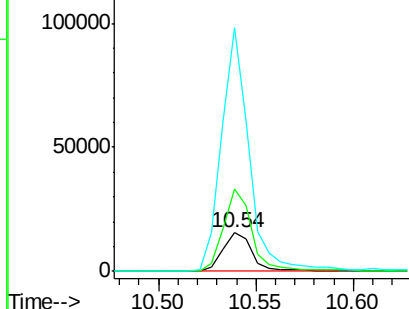
#66
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16389
Ion Ratio Lower Upper
248 100
250 212.6 76.9 115.3#
141 633.1 74.4 111.6#

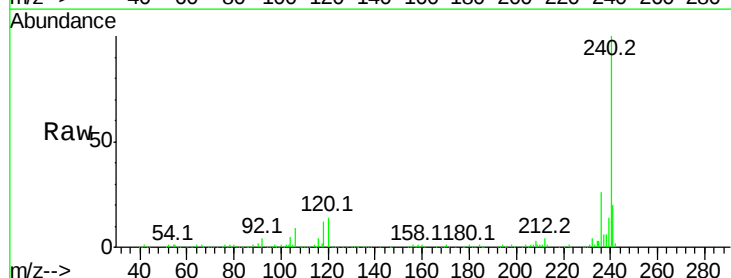


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

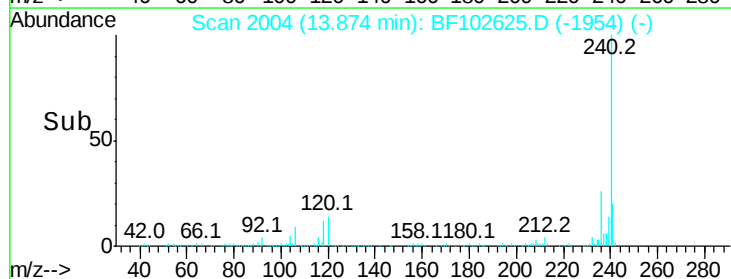
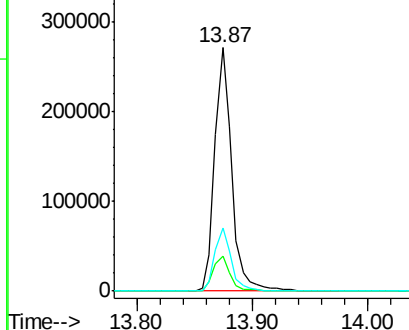


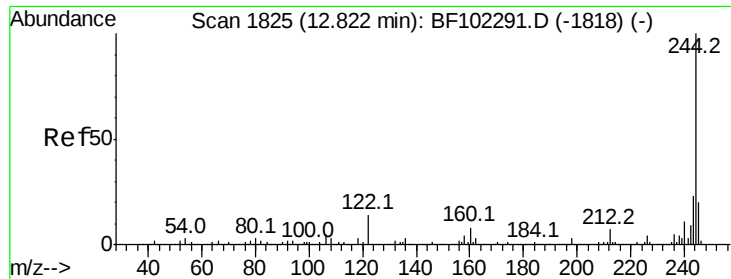
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102625.D
Acq: 30 Jan 2018 4:15

Tgt Ion:240 Resp: 277797
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.0 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: 75.170 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102625.D

Acq: 30 Jan 2018 4:15

Instrument :

BNA_F

ClientSampleId :

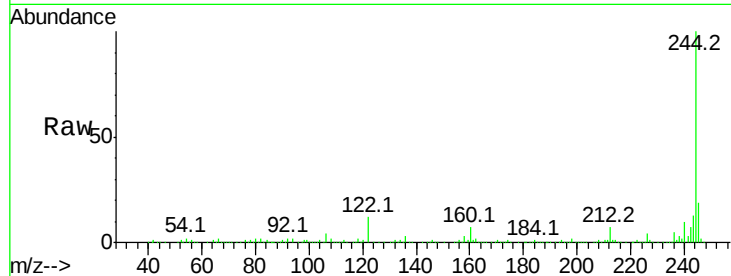
Tot Ion:244 Resp: 926289

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

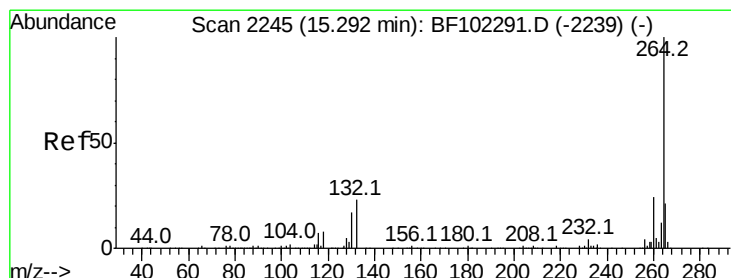
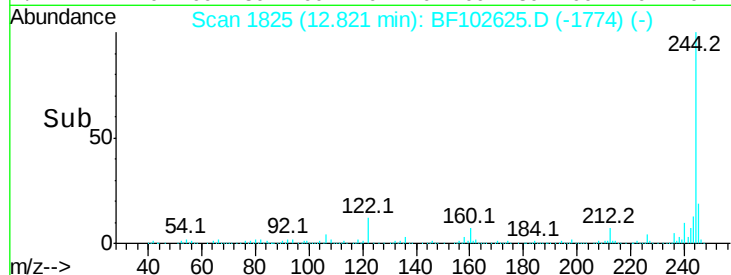
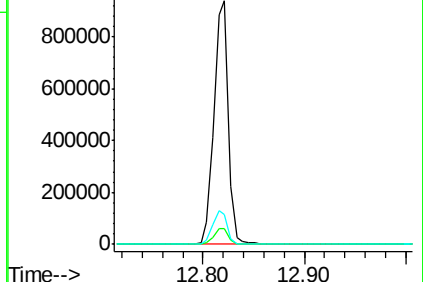
122 12.4 11.0 16.4



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# 2247

Delta R.T. -0.00 min

Lab File: BF102625.D

Acq: 30 Jan 2018 4:15

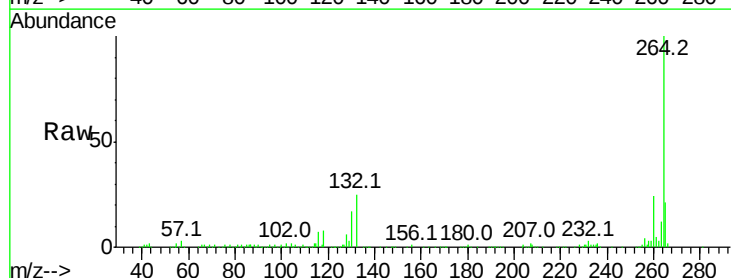
Tgt Ion:264 Resp: 271560

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.2 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

