

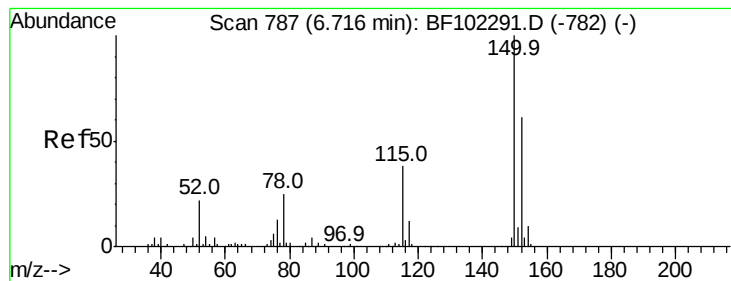
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102607.D
 Acq On : 29 Jan 2018 19:55
 Operator : SJ/JU
 Sample : J1344-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:12:22 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	180049	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	749494	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	344124	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	603593	20.00	ng	0.00
75) Chrysene-d12	13.88	240	401932	20.00	ng	0.00
86) Perylene-d12	15.31	264	320259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1347165	113.45	ng	0.01
7) Phenol-d6	6.37	99	1675055	117.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	1067569	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	315166	92.43	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1712947	73.19	ng	0.00
78) Terphenyl-d14	12.83	244	1472553	82.59	ng	0.00
Target Compounds						
10) Phenol	6.37	94	50579	3.236	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	139216	15.891	ng	# 78
25) Isophorone	7.29	82	1051265	45.214	ng	# 64
49) Dimethylphthalate	9.47	163	187901	6.606	ng	98
56) 2,4-Dinitrotoluene	9.75	165	44134	5.852	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	21528	3.313	ng	# 1

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

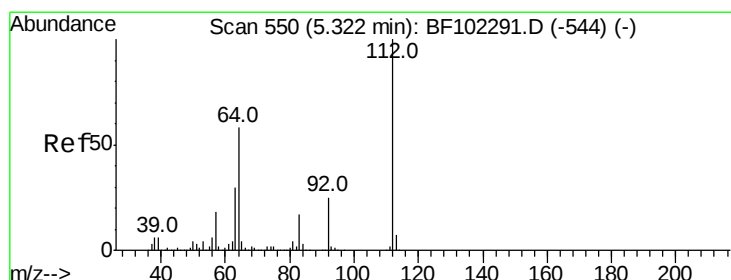
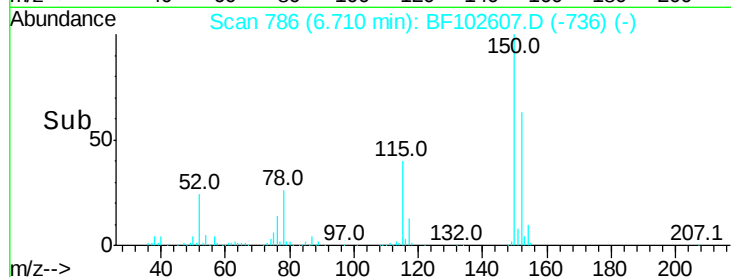
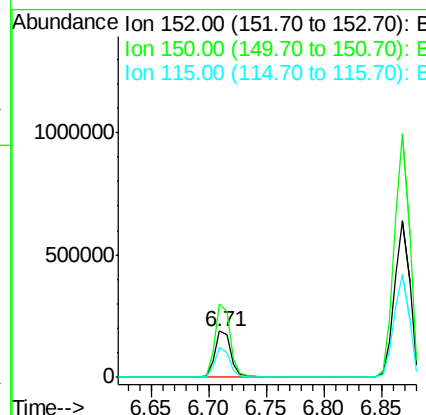
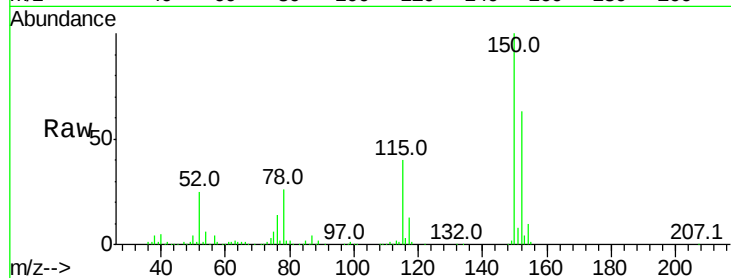


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :

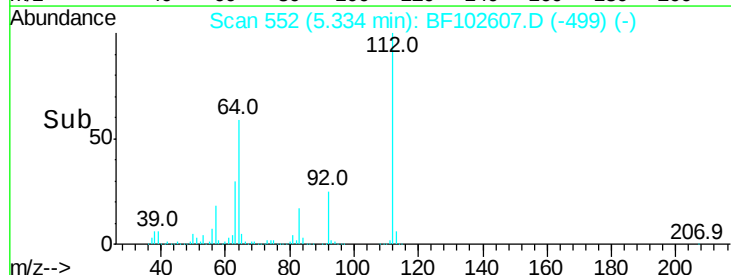
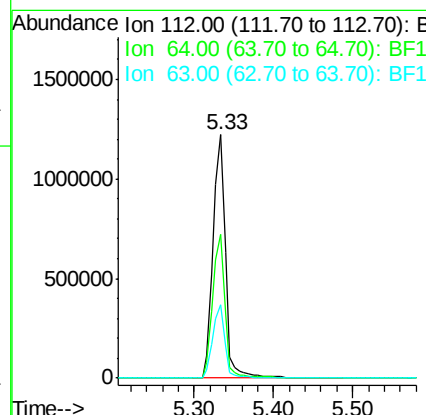
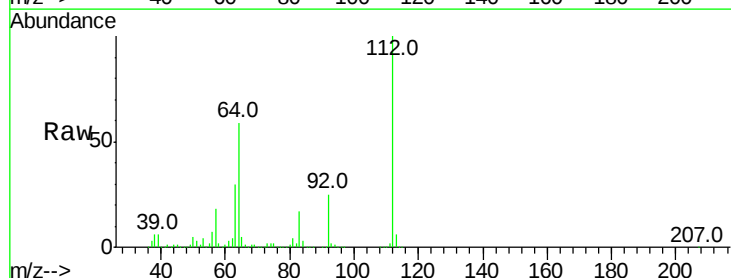
Tot Ion:152 Resp: 180049
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.2 50.1 75.1

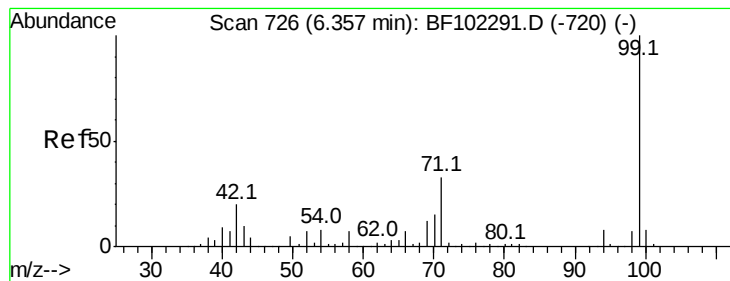


#5

2-Fluorophenol
Concen: 113.450 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:112 Resp: 1347165
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 117.007 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

Instrument :

BNA_F

ClientSampleId :

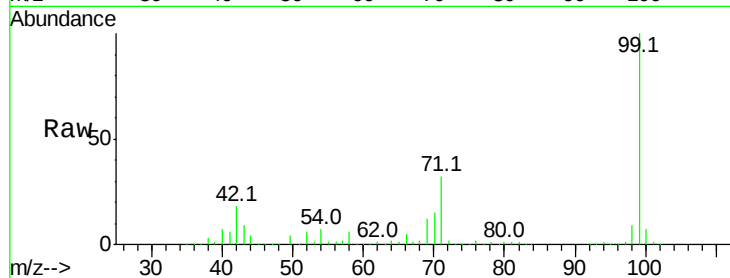
Tot Ion: 99 Resp: 1675055

Ion Ratio Lower Upper

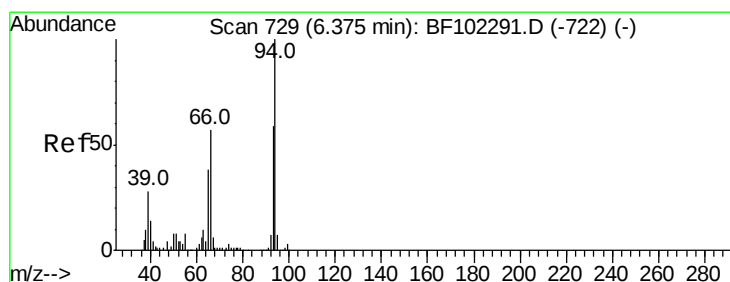
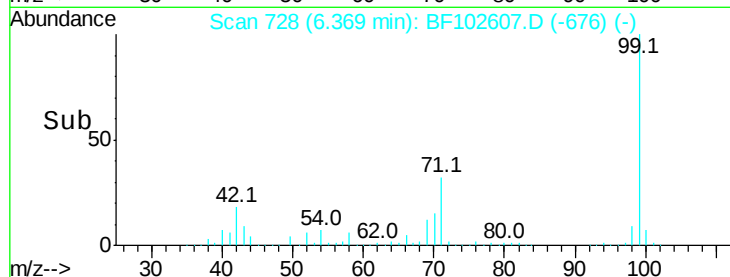
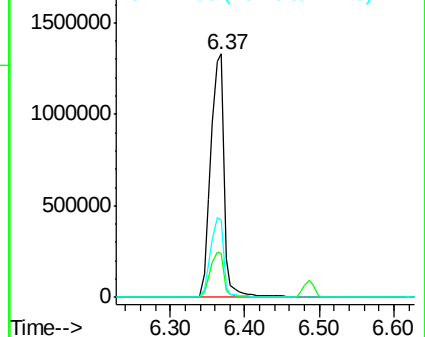
99 100

42 17.9 14.5 21.7

71 31.8 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: 3.236 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

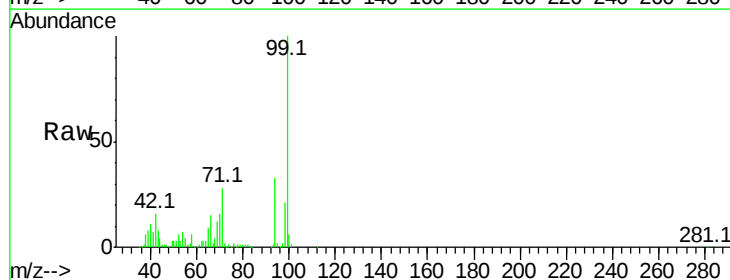
Tgt Ion: 94 Resp: 50579

Ion Ratio Lower Upper

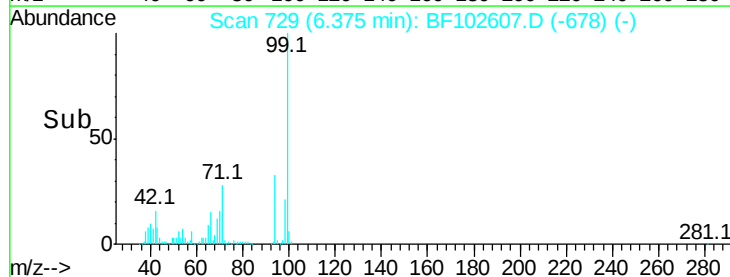
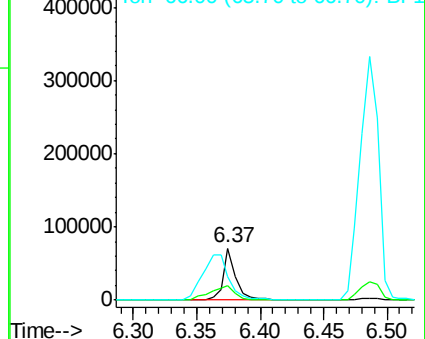
94 100

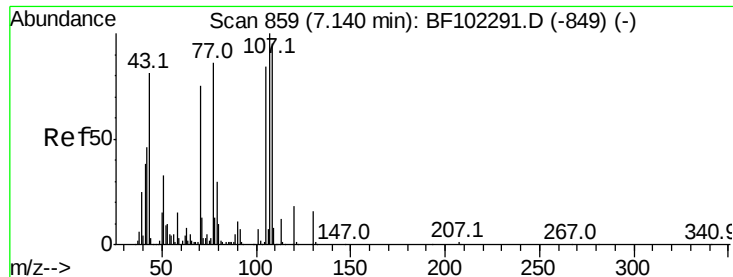
65 27.6 7.9 47.9

66 46.0 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

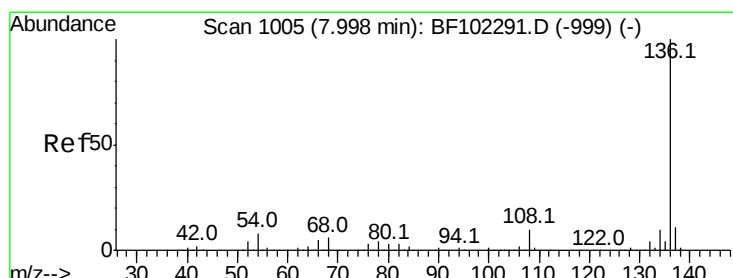
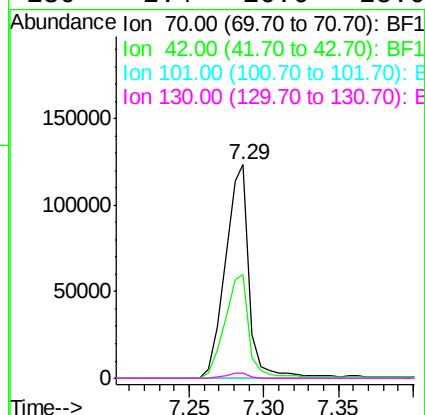
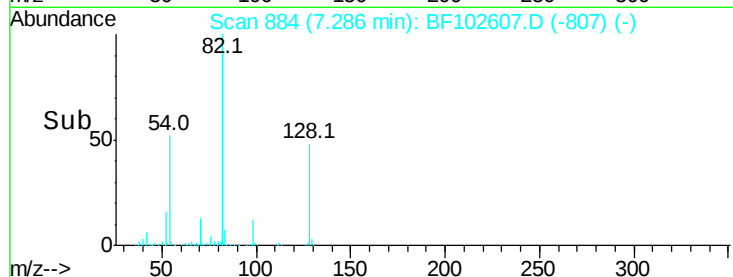
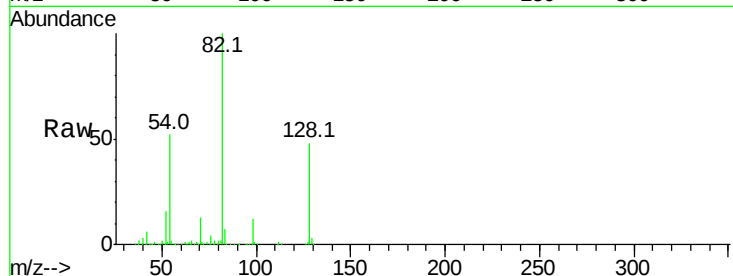




#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

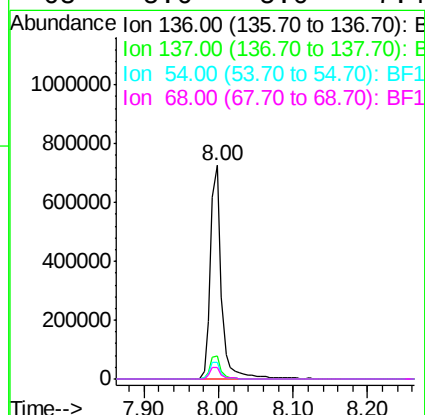
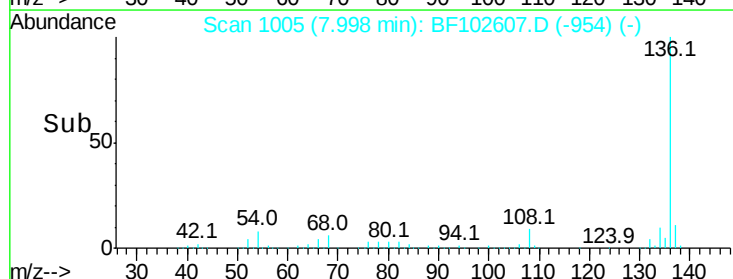
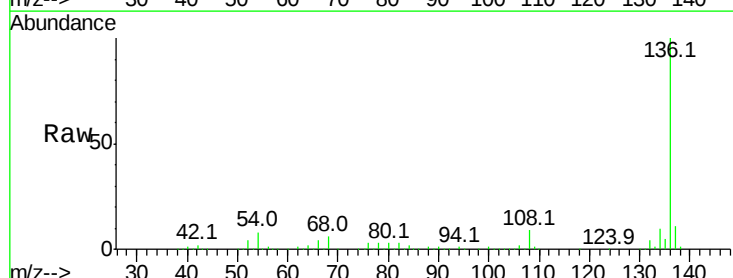
Instrument :
BNA_F
ClientSampled :

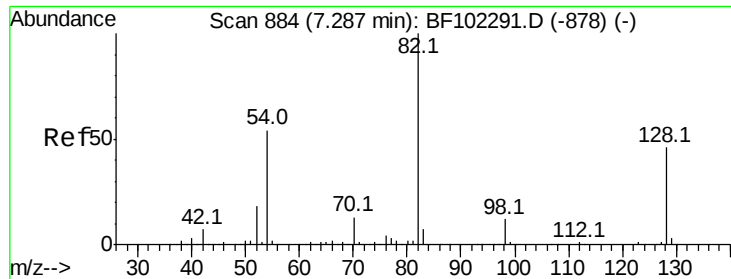
Tot Ion: 70 Resp: 139216
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:136 Resp: 749494
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.9 6.6 9.8
68 5.6 5.0 7.4

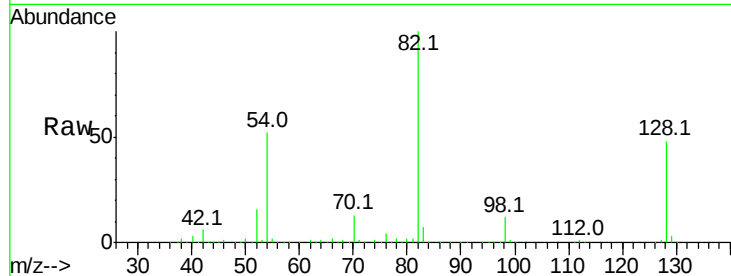




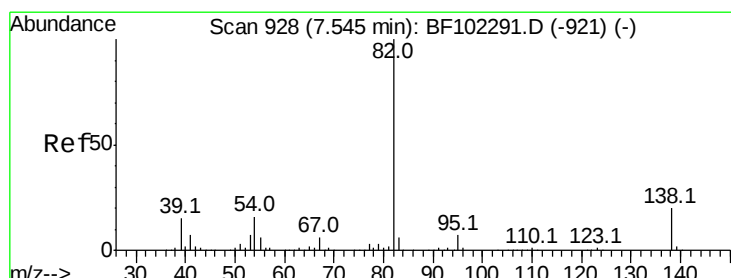
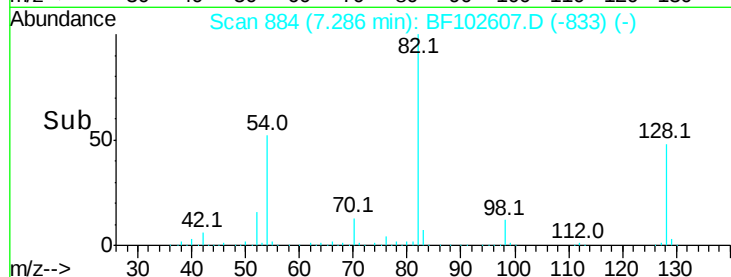
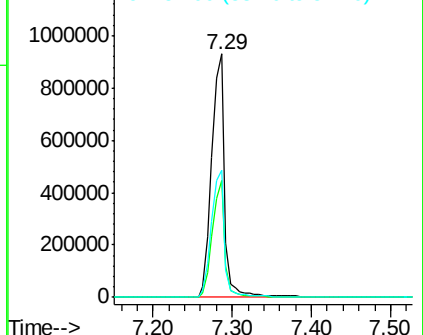
#23
Nitrobenzene-d5
Concen: 81.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1067569
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 52.3 41.4 62.2

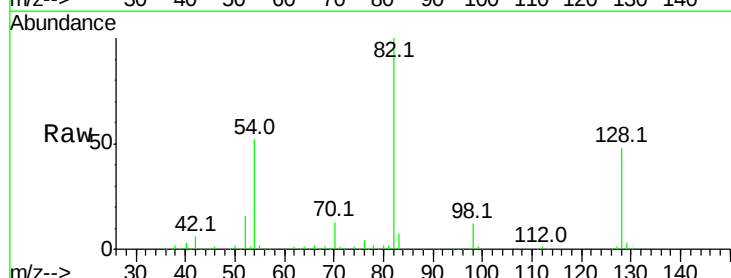


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

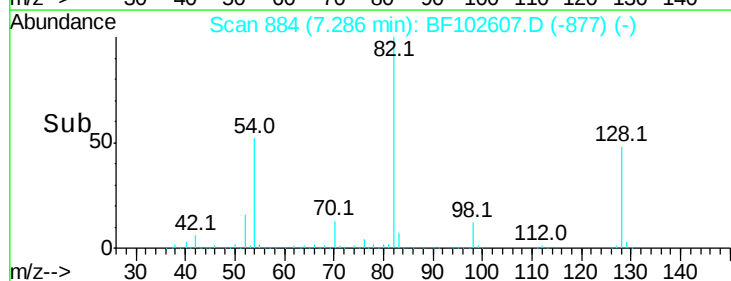
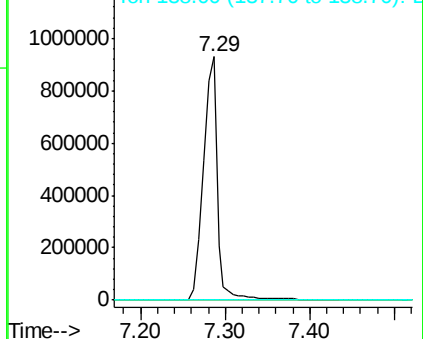


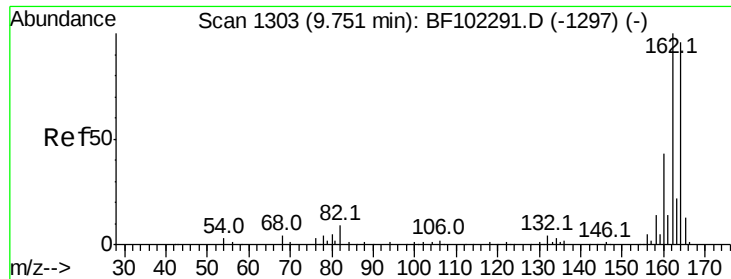
#25
Isophorone
Concen: 45.214 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion: 82 Resp: 1051265
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

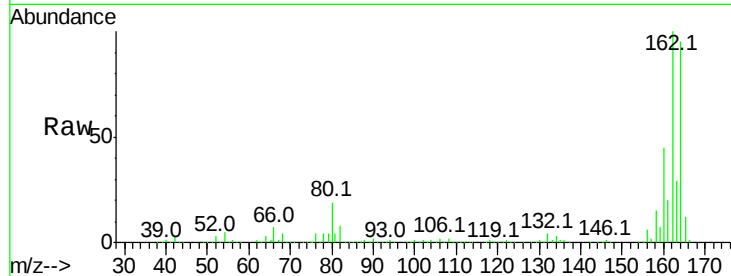




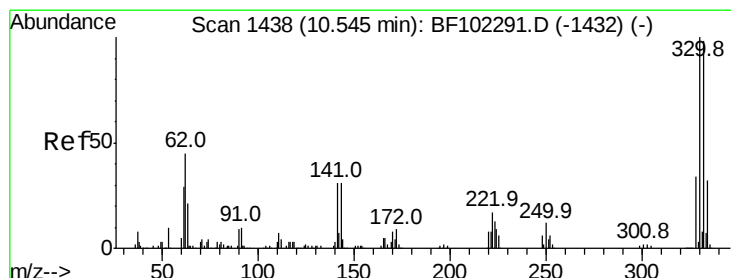
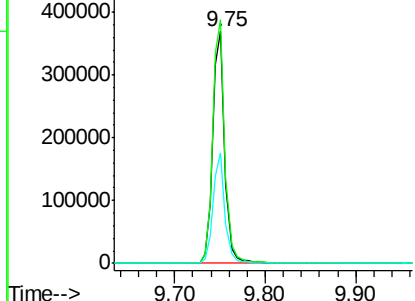
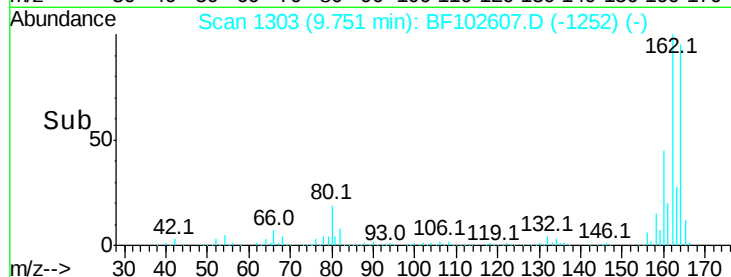
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 344124
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 47.6 38.3 57.5

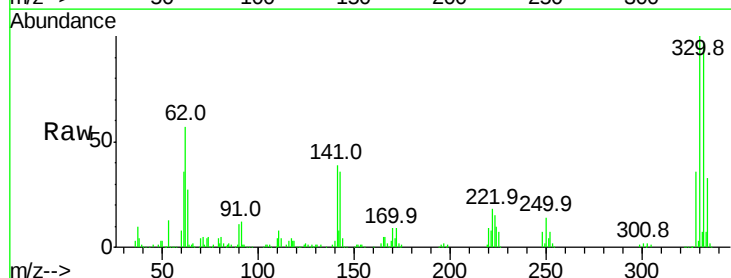


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

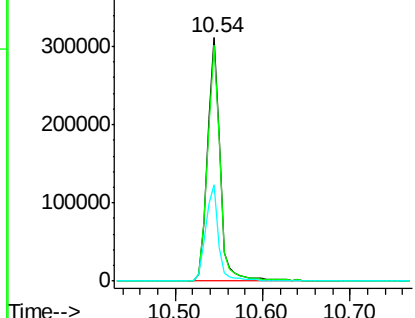
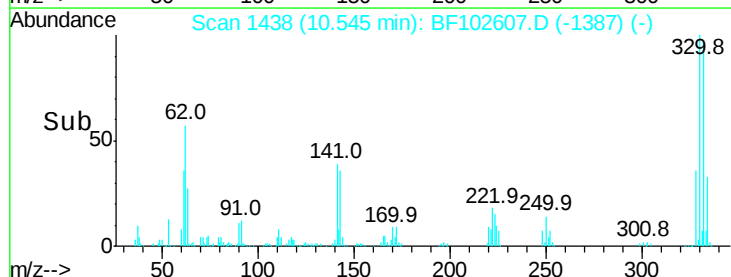


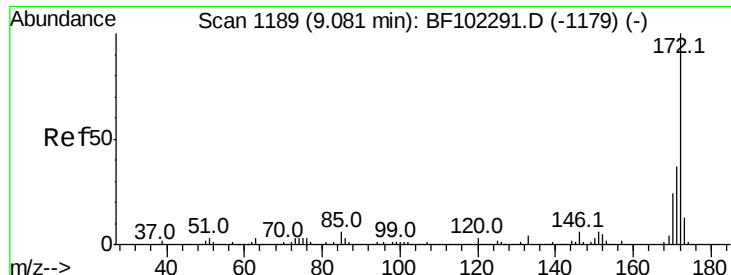
#41
2,4,6-Tribromophenol
Concen: 92.430 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:330 Resp: 315166
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 40.3 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



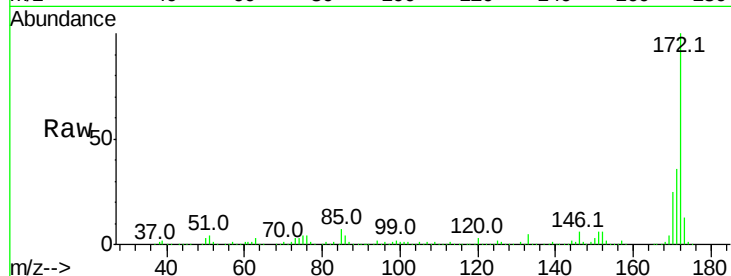


#44
 2-Fluorobiphenyl
 Concen: 73.190 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102607.D
 Acq: 29 Jan 2018 19:55

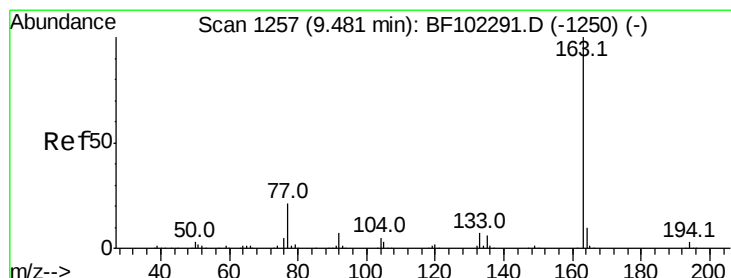
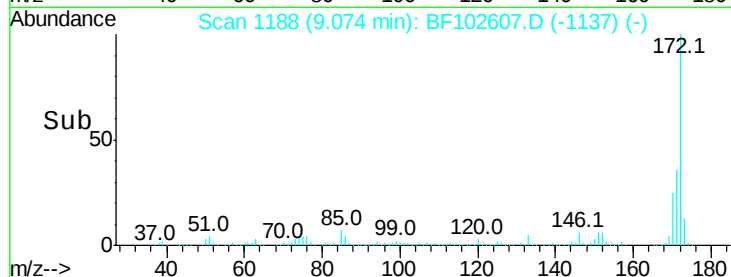
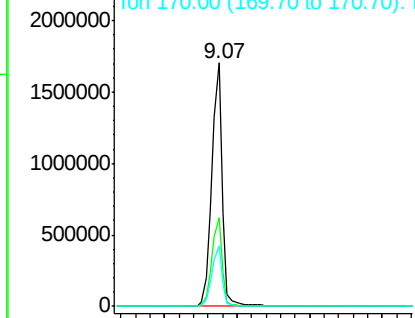
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1712947

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	19.6	29.4



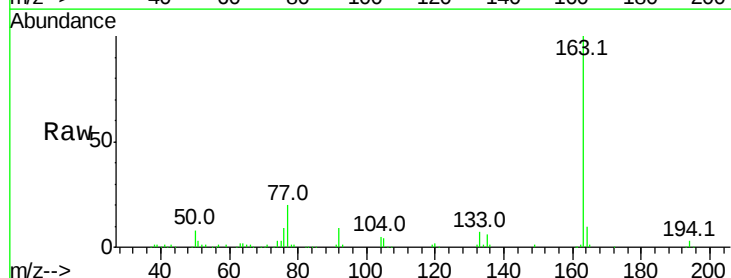
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



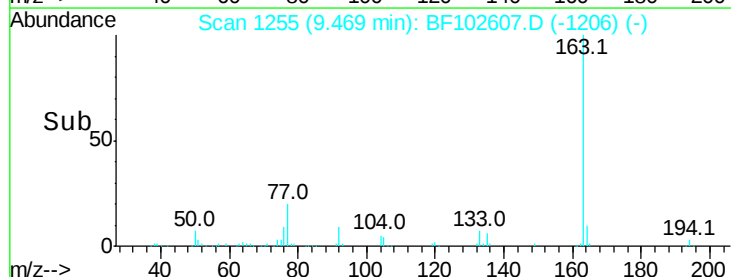
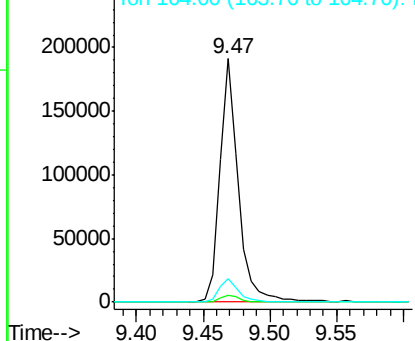
#49
 Dimethylphthalate
 Concen: 6.606 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102607.D
 Acq: 29 Jan 2018 19:55

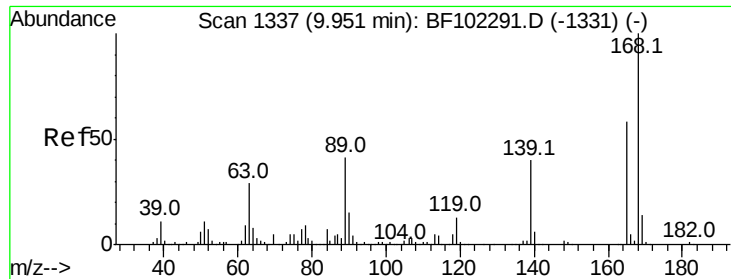
Tgt Ion:163 Resp: 187901

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	9.6	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

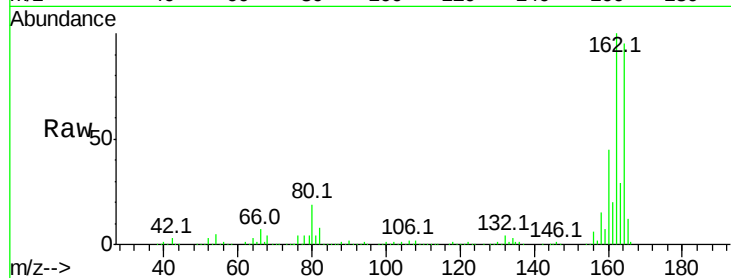




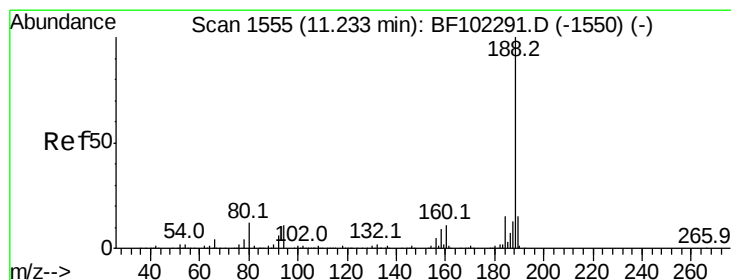
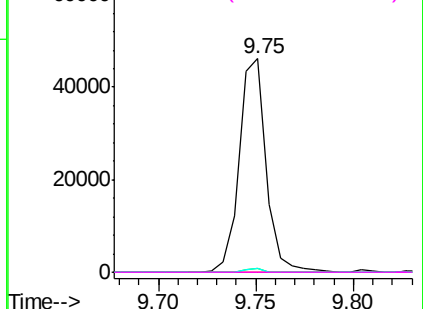
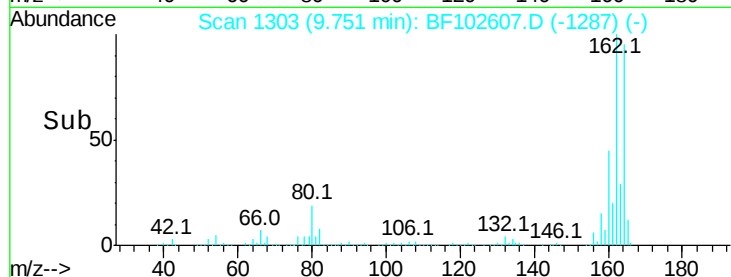
#56
 2,4-Dinitrotoluene
 Concen: 5.852 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102607.D
 Acq: 29 Jan 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 44134
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#

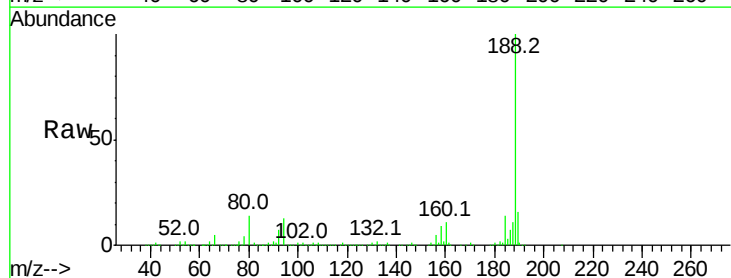


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

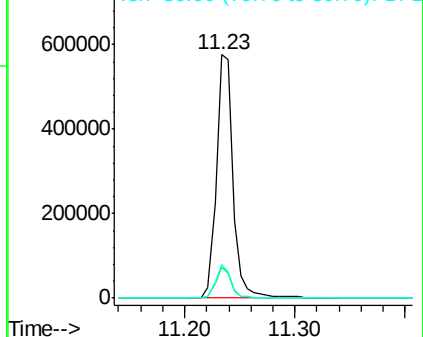
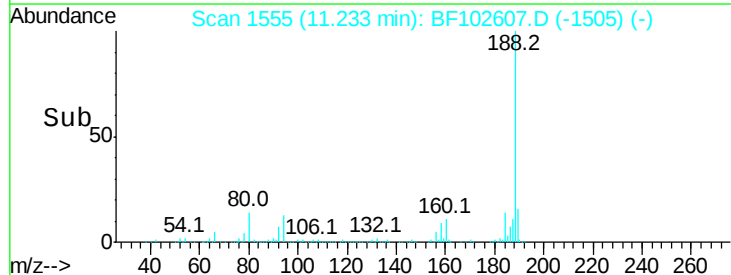


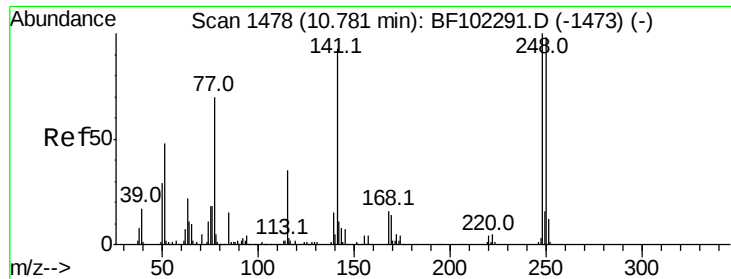
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102607.D
 Acq: 29 Jan 2018 19:55

Tgt Ion:188 Resp: 603593
 Ion Ratio Lower Upper
 188 100
 94 12.9 8.5 12.7#
 80 13.6 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

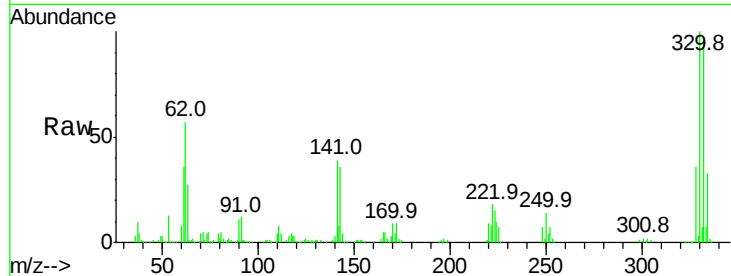




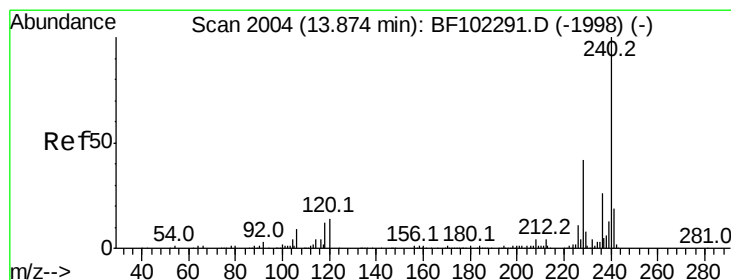
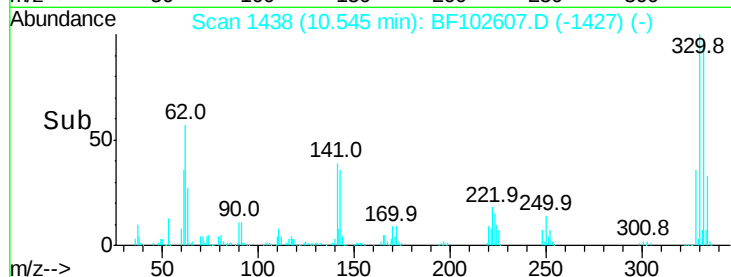
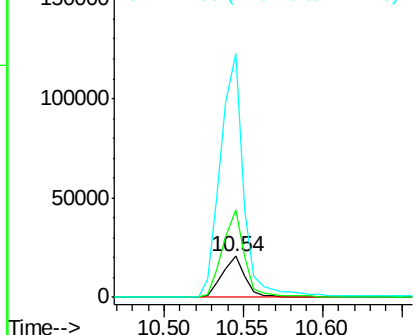
#66
4-Bromophenyl-phenylether
Concen: 3.313 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21528
Ion Ratio Lower Upper
248 100
250 213.6 76.9 115.3#
141 590.8 74.4 111.6#

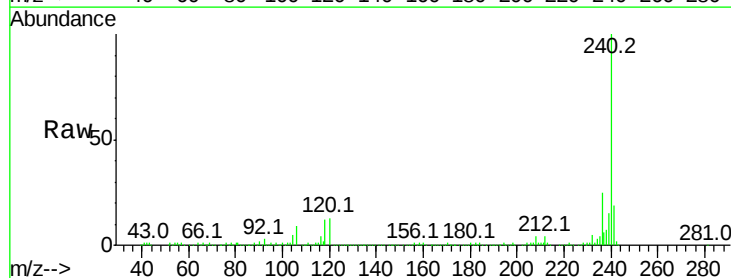


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

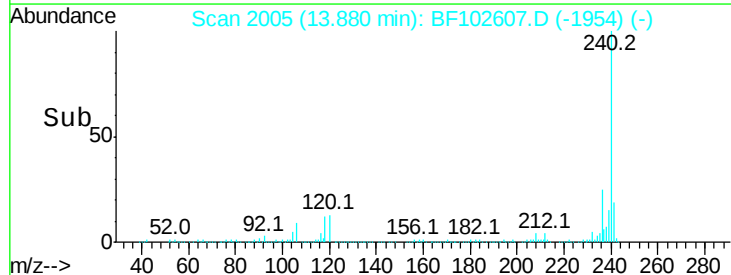
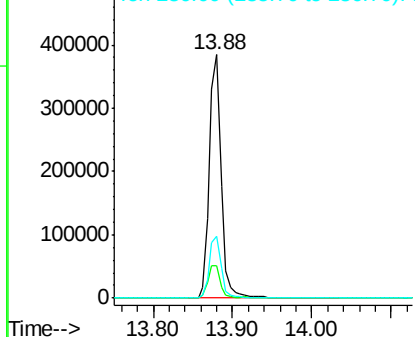


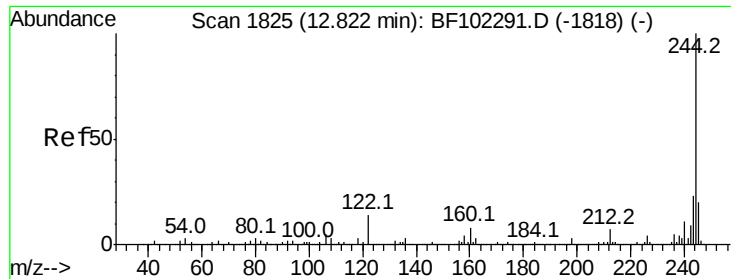
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:240 Resp: 401932
Ion Ratio Lower Upper
240 100
120 13.3 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: 82.593 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

Instrument :

BNA_F

ClientSampleId :

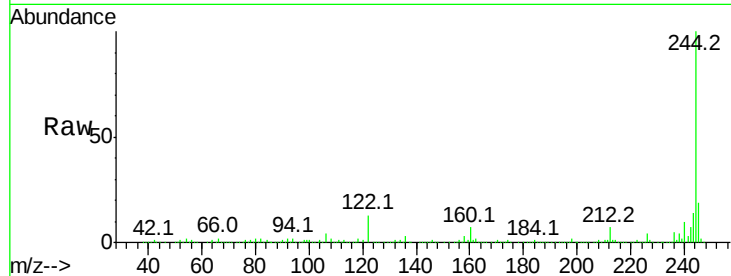
Tot Ion:244 Resp: 1472553

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

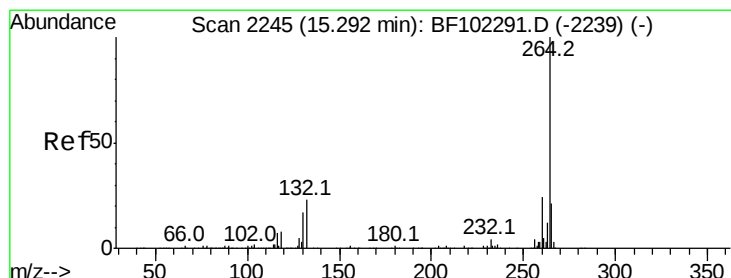
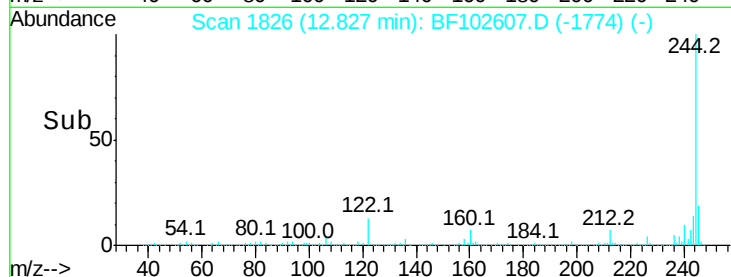
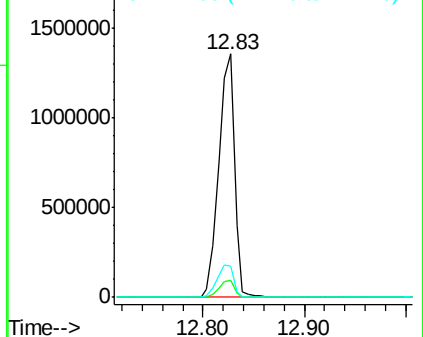
122 12.9 11.0 16.4



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: BF102607.D

Acq: 29 Jan 2018 19:55

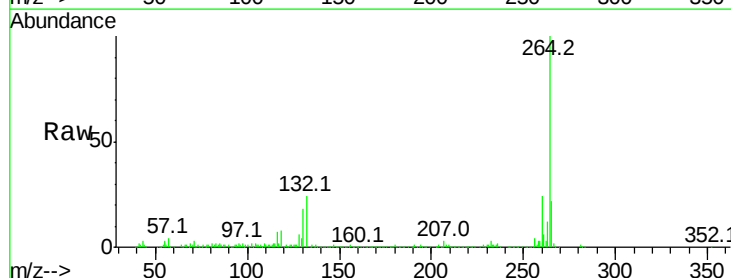
Tgt Ion:264 Resp: 320259

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 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

