

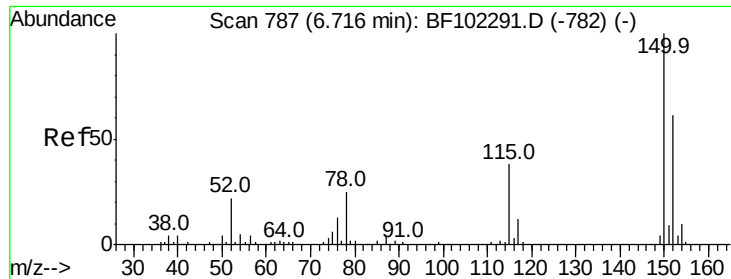
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102609.D
 Acq On : 29 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1344-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:12:54 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	171310	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	741599	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	337646	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	588687	20.00	ng	0.00
75) Chrysene-d12	13.88	240	419471	20.00	ng	0.00
86) Perylene-d12	15.31	264	338789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1272332	112.61	ng	0.01
7) Phenol-d6	6.36	99	1582081	116.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	986239	76.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	303442	90.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1607122	69.99	ng	0.00
78) Terphenyl-d14	12.82	244	1416428	76.12	ng	0.00
Target Compounds						
10) Phenol	6.37	94	39163	2.634	ng	87
19) n-Nitroso-di-n-propylamine	7.29	70	130878	15.701	ng	# 77
25) Isophorone	7.29	82	977662	42.496	ng	# 64
49) Dimethylphthalate	9.47	163	248665	8.910	ng	99
56) 2,4-Dinitrotoluene	9.75	165	43167	5.834	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	19823	3.128	ng	# 1

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

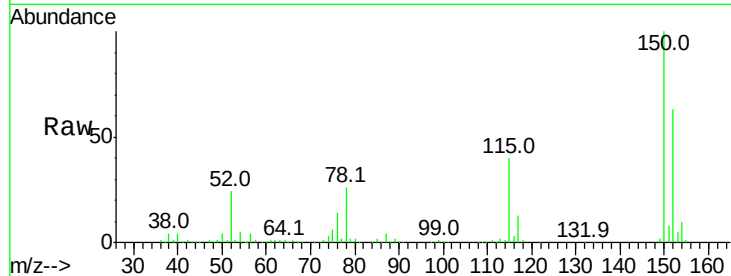


#1

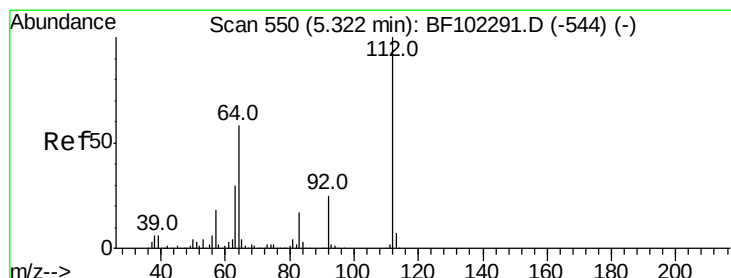
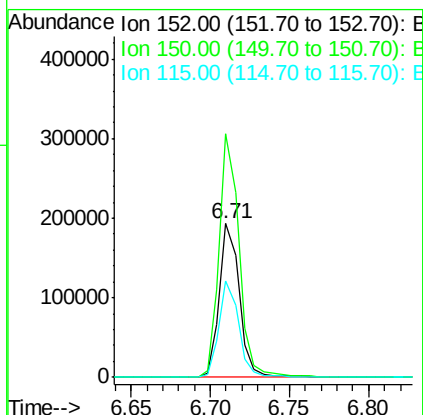
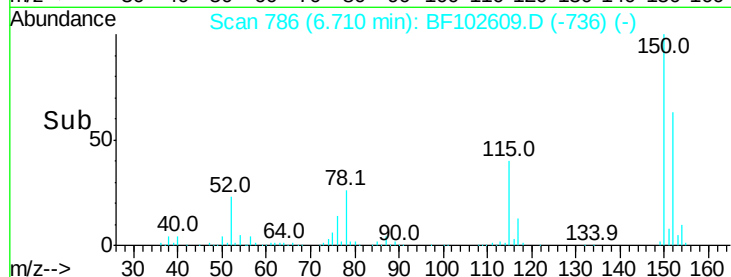
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171310
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 63.1 50.1 75.1



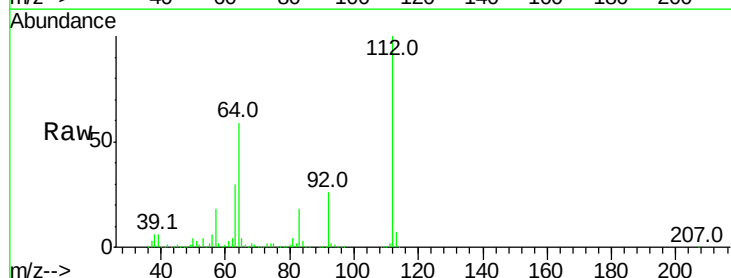
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



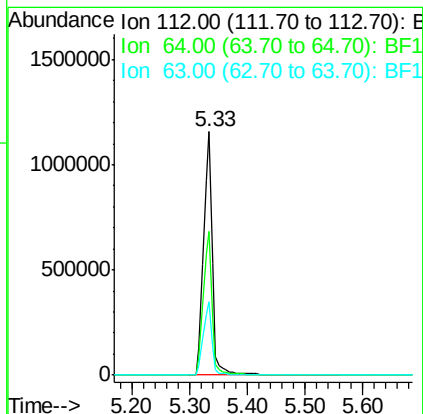
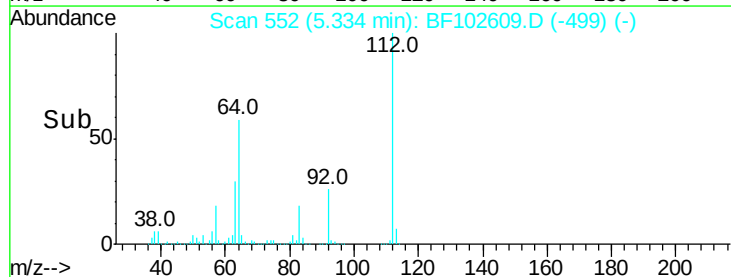
#5

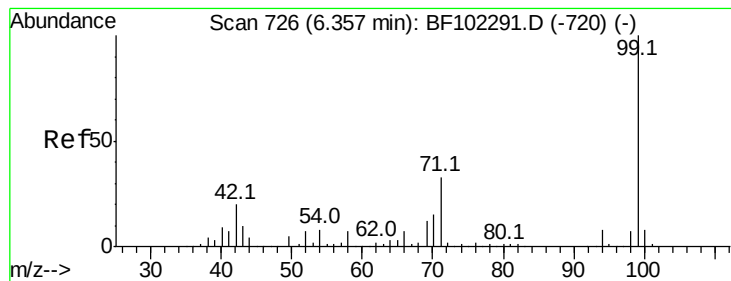
2-Fluorophenol
Concen: 112.614 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Tgt Ion:112 Resp: 1272332
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.2 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: 116.150 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

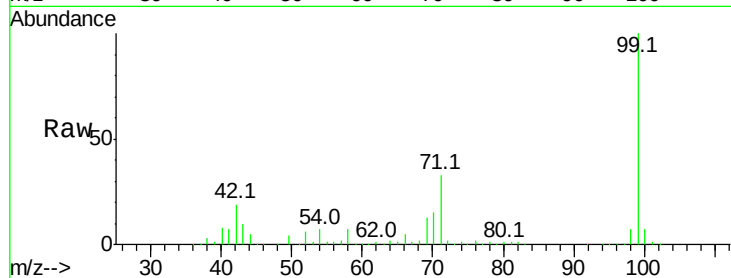
Tot Ion: 99 Resp: 1582081

Ion Ratio Lower Upper

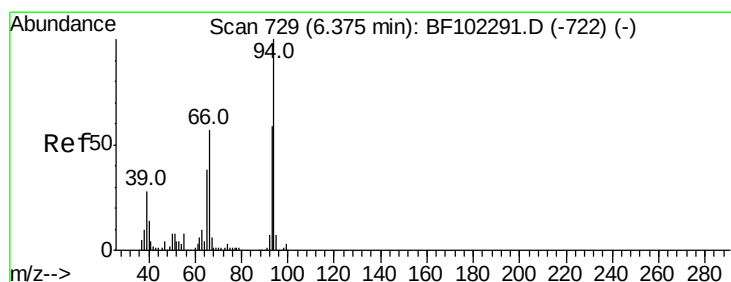
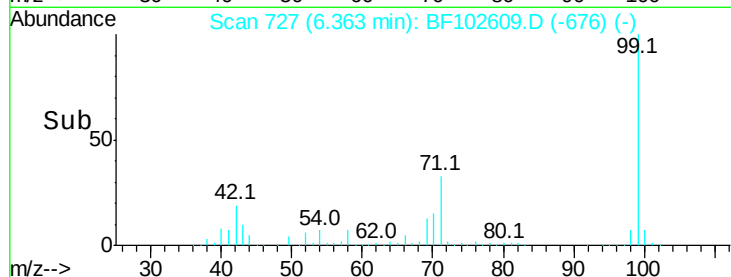
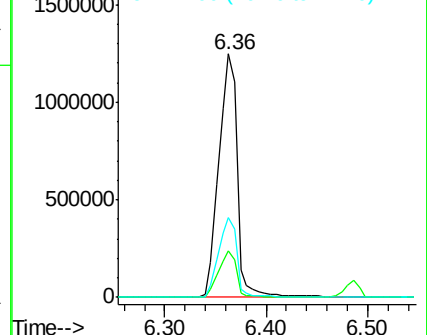
99 100

42 19.0 14.5 21.7

71 32.9 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: 2.634 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

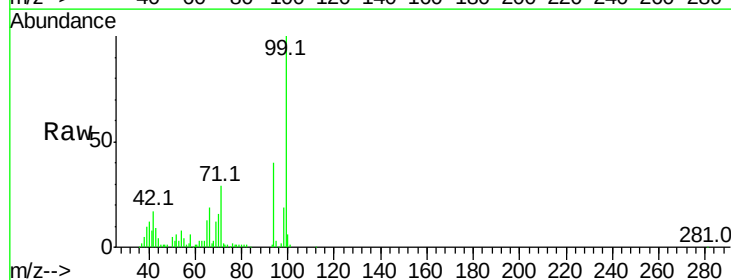
Tgt Ion: 94 Resp: 39163

Ion Ratio Lower Upper

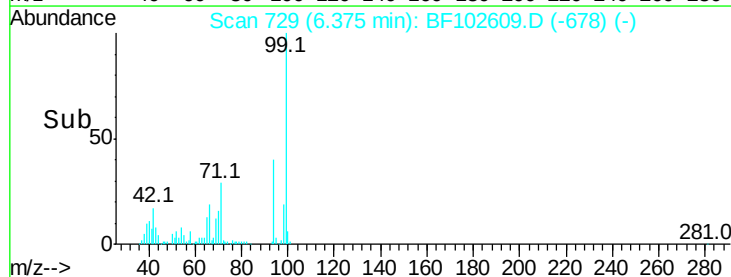
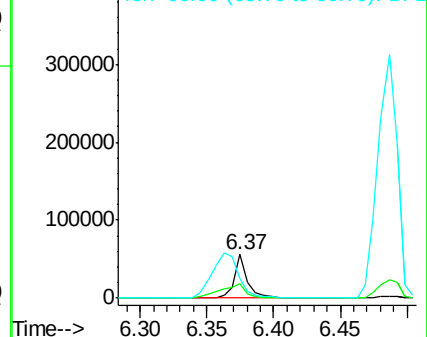
94 100

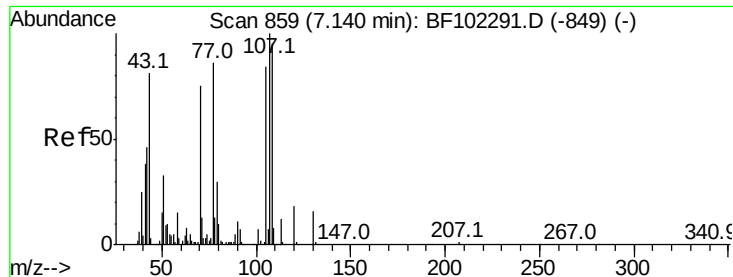
65 32.0 7.9 47.9

66 46.3 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: 15.701 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 130878

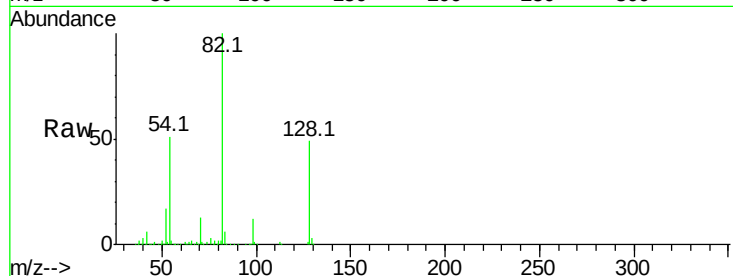
Ion Ratio Lower Upper

70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

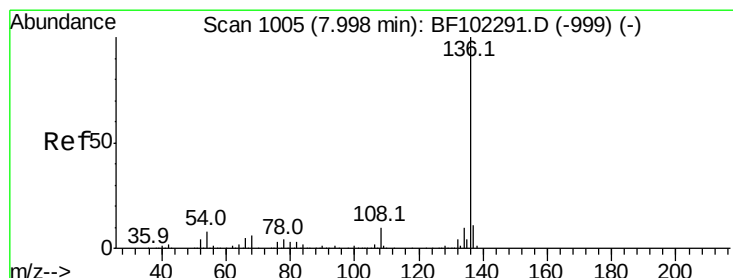
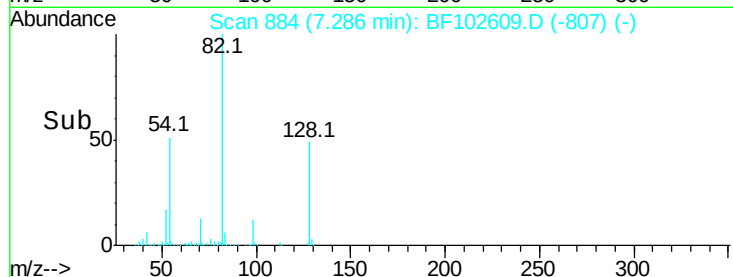
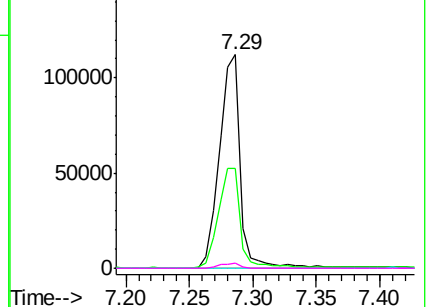


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Tgt Ion:136 Resp: 741599

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

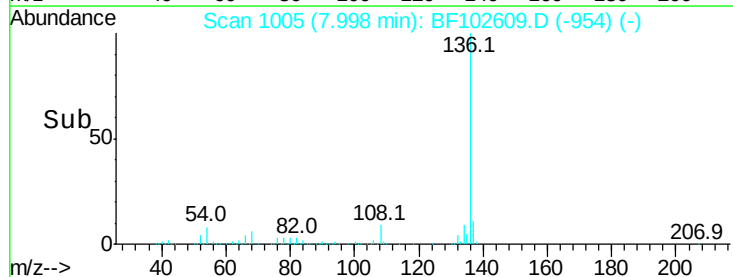
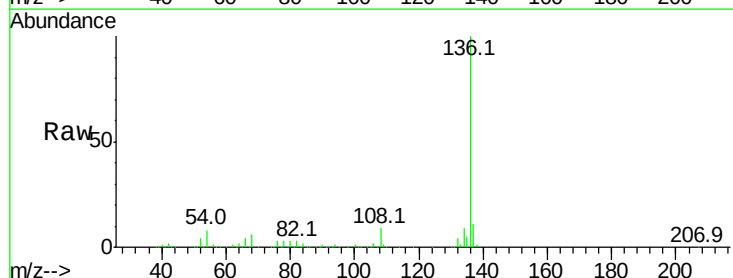
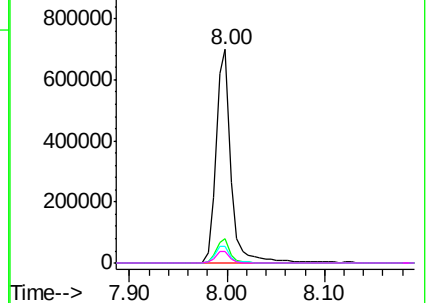
68 5.6 5.0 7.4

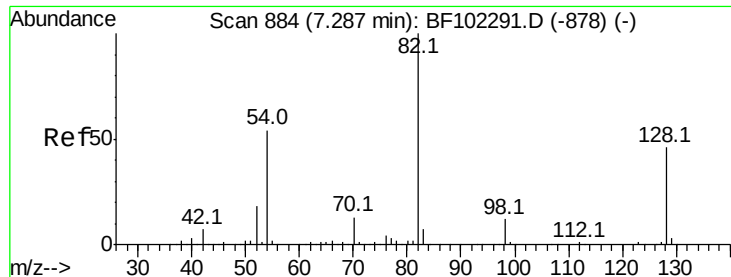
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

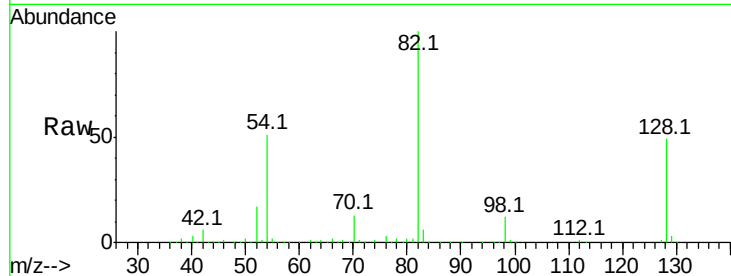




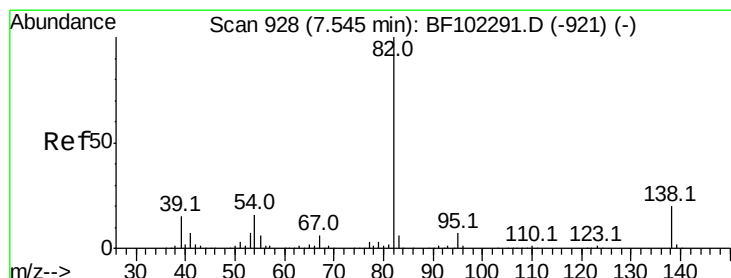
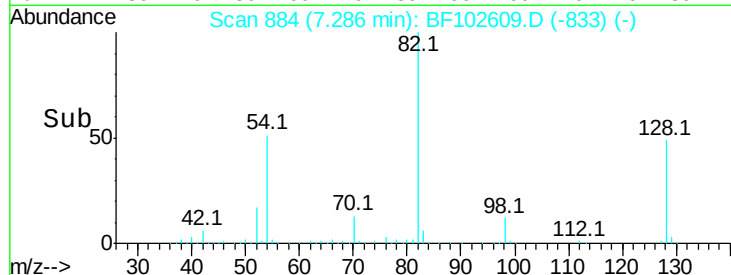
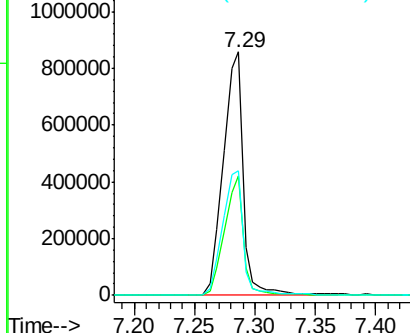
#23
 Nitrobenzene-d5
 Concen: 76.424 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 986239
 Ion Ratio Lower Upper
 82 100
 128 49.0 36.1 54.1
 54 51.2 41.4 62.2

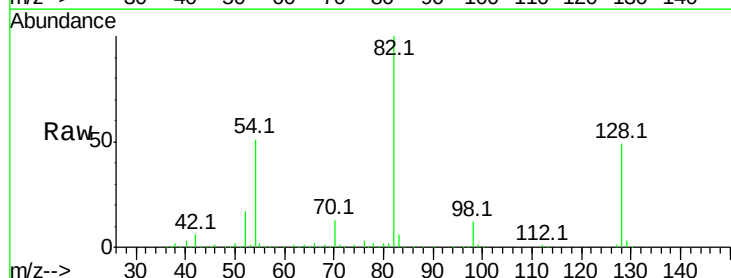


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

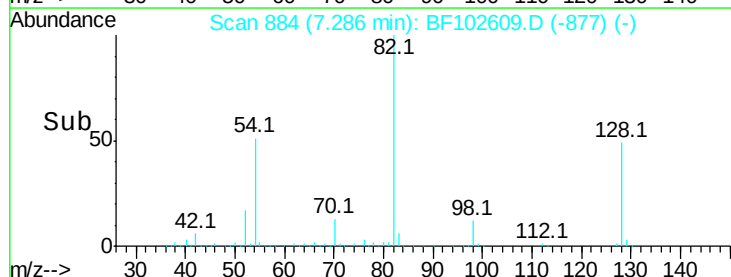
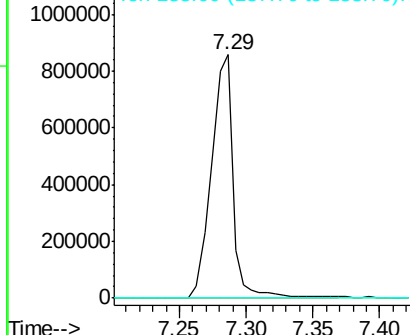


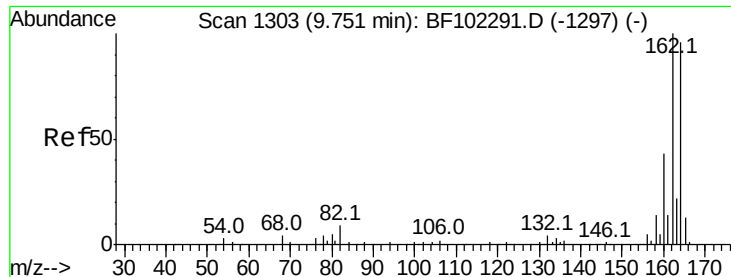
#25
 Isophorone
 Concen: 42.496 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Tgt Ion: 82 Resp: 977662
 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

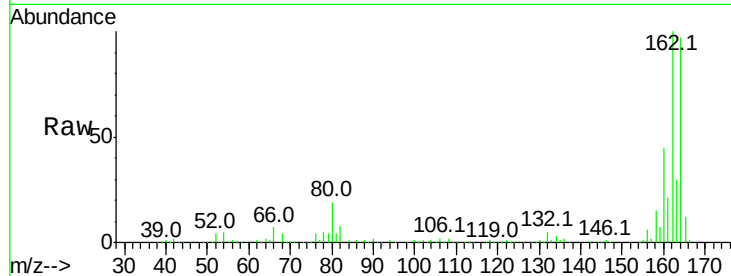




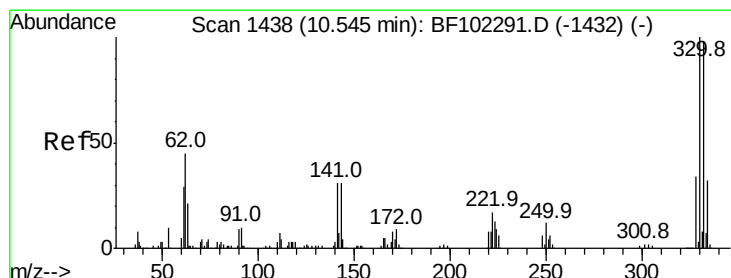
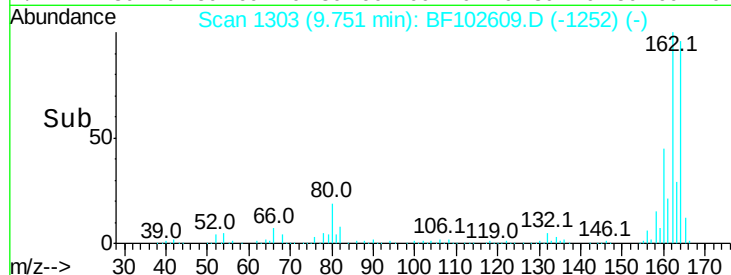
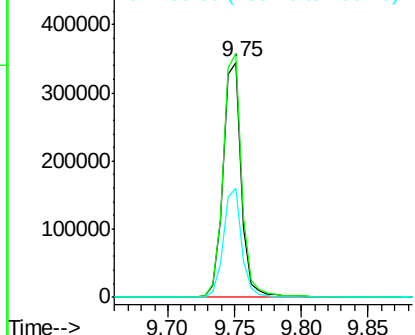
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 337646
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.6 38.3 57.5

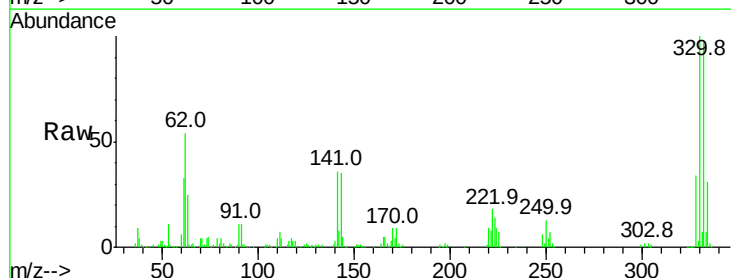


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

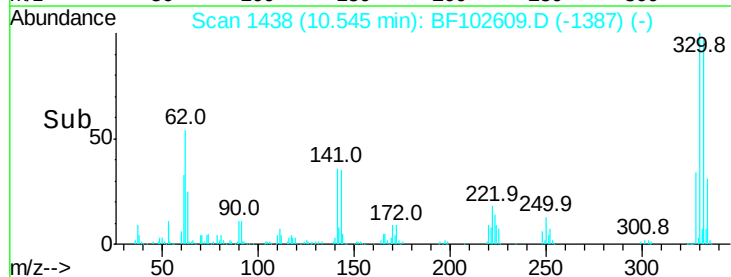
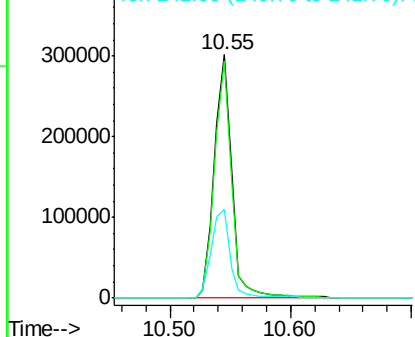


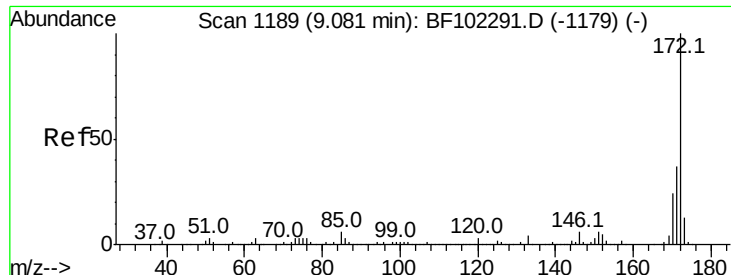
#41
 2,4,6-Tribromophenol
 Concen: 90.699 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Tgt Ion:330 Resp: 303442
 Ion Ratio Lower Upper
 330 100
 332 95.2 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



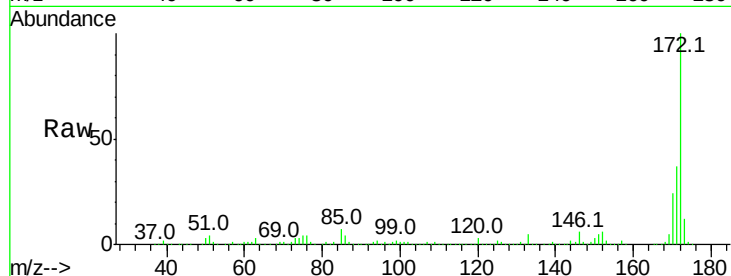


#44
2-Fluorobiphenyl
Concen: 69.986 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

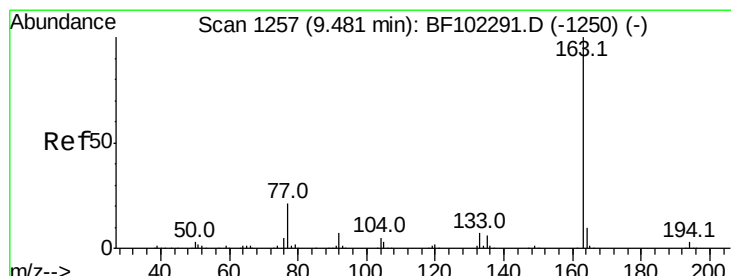
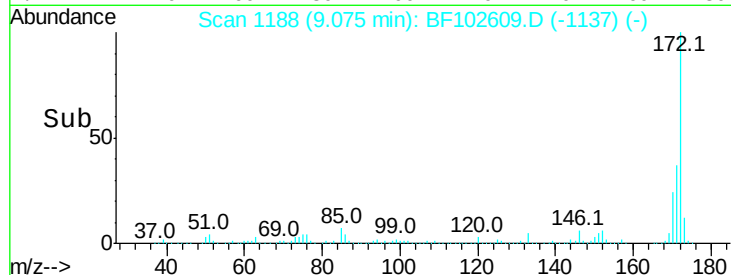
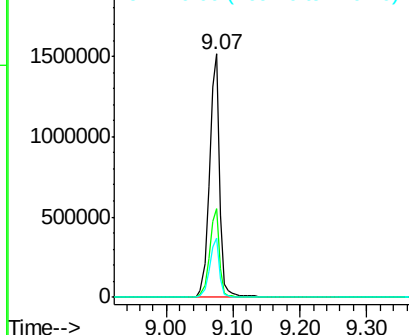
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1607122

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4



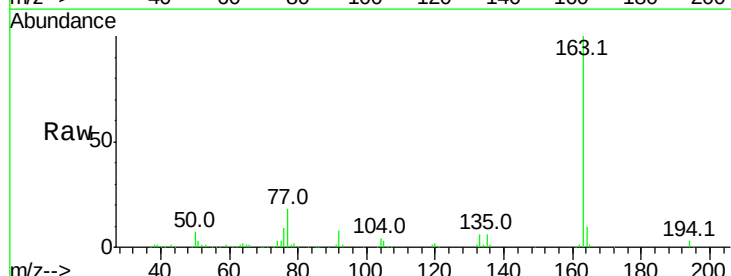
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



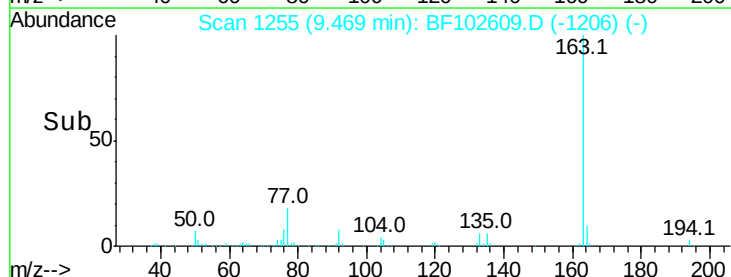
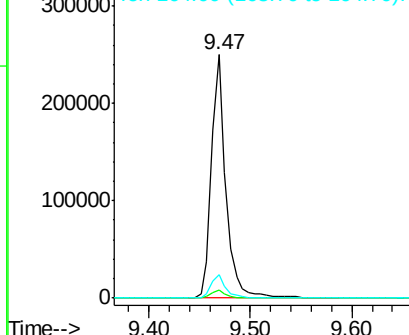
#49
Dimethylphthalate
Concen: 8.910 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

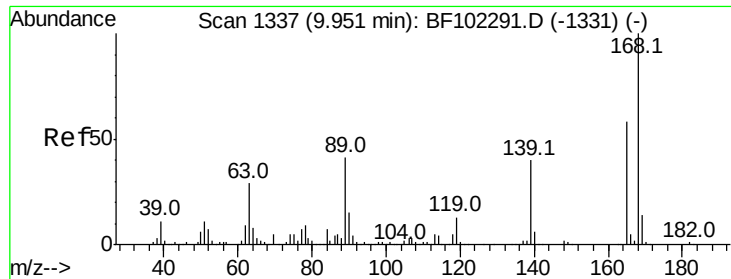
Tgt Ion:163 Resp: 248665

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	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

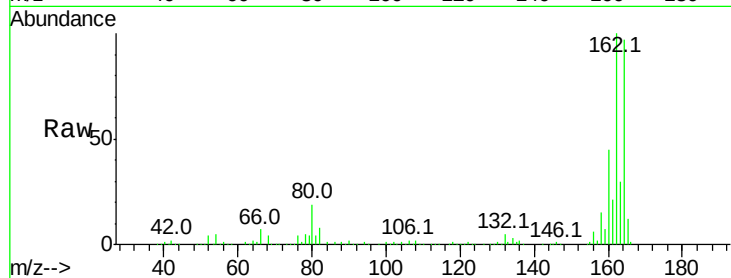




#56
 2,4-Dinitrotoluene
 Concen: 5.834 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

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

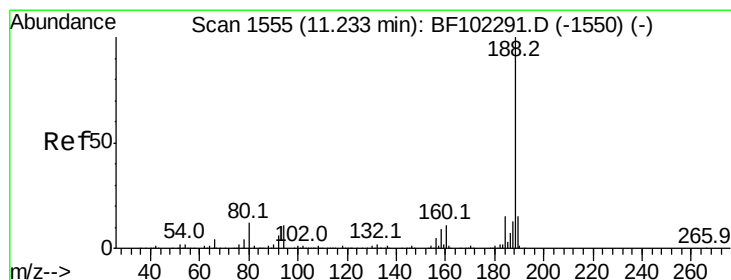
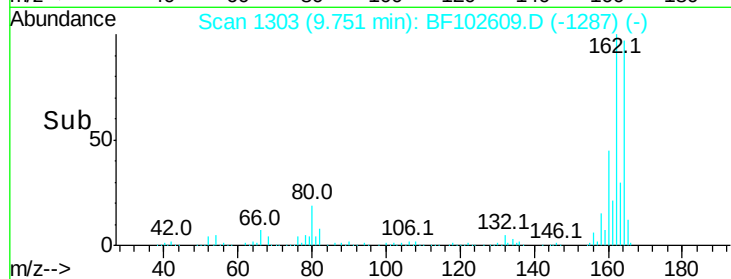
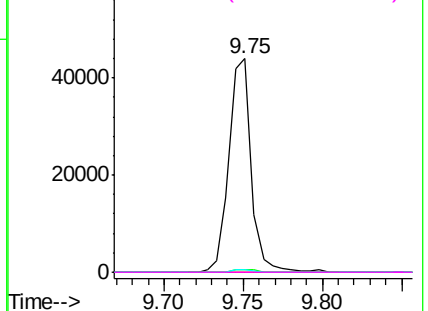


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

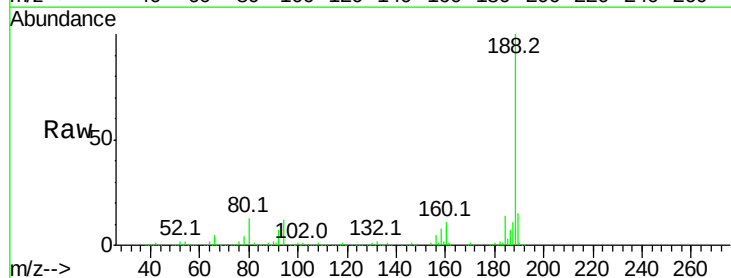
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

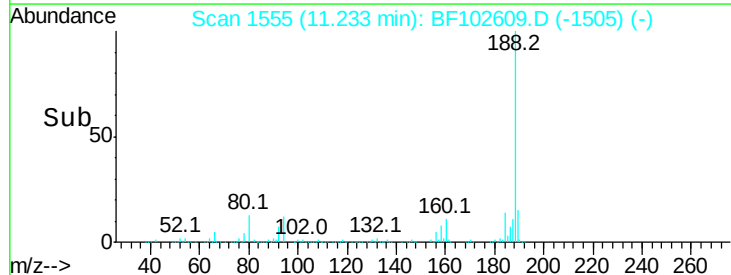
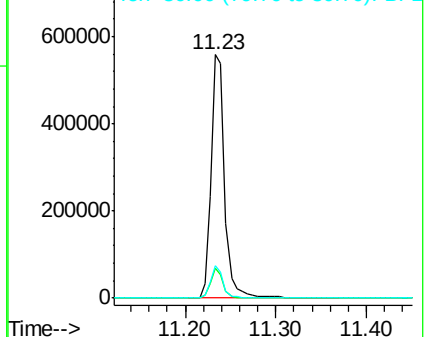
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.1	9.2	13.8

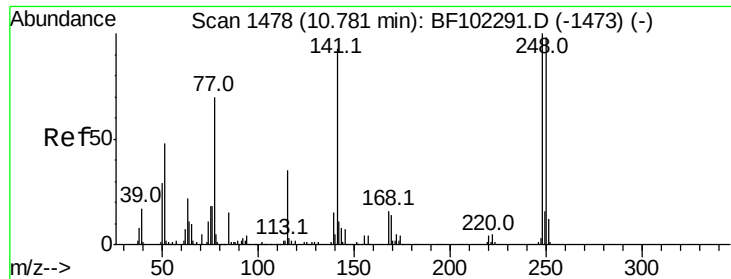


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

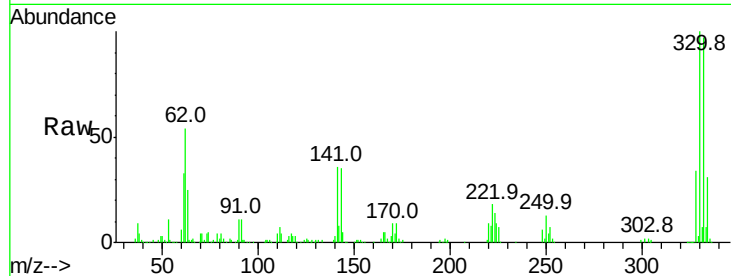




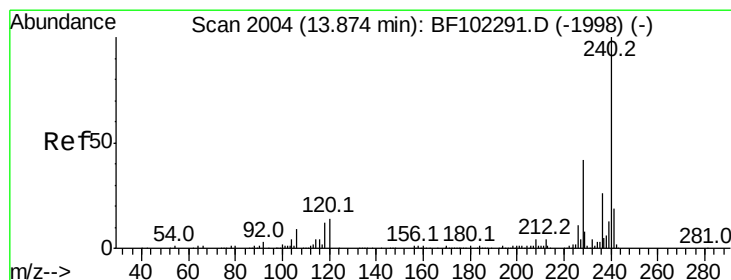
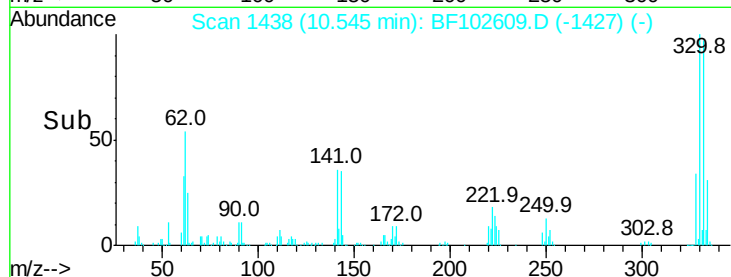
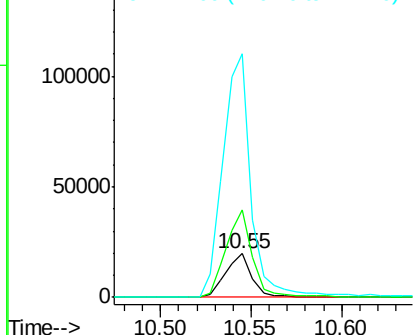
#66
4-Bromophenyl-phenylether
Concen: 3.128 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19823
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 562.1 74.4 111.6#

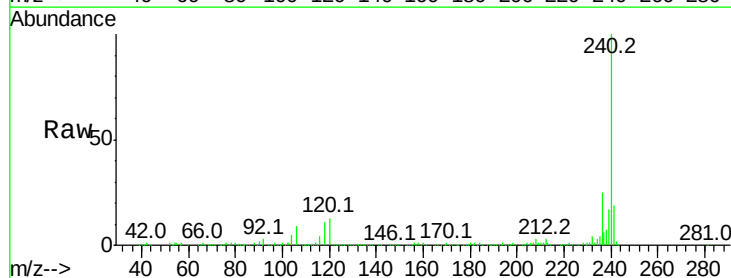


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

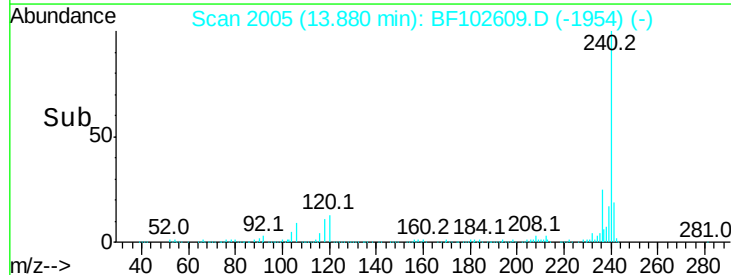
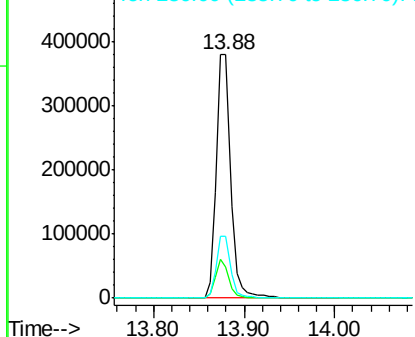


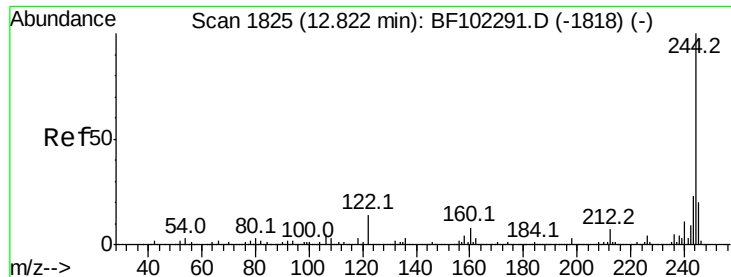
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Tgt Ion:240 Resp: 419471
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 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: 76.123 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

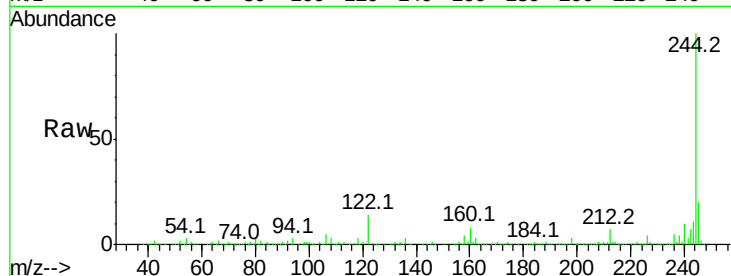
Tot Ion:244 Resp: 1416428

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

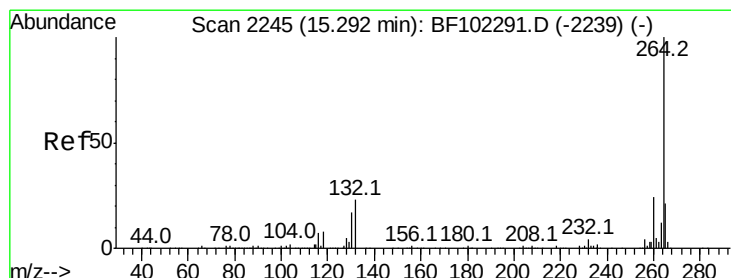
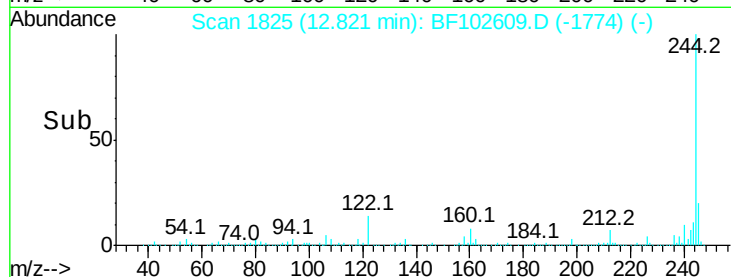
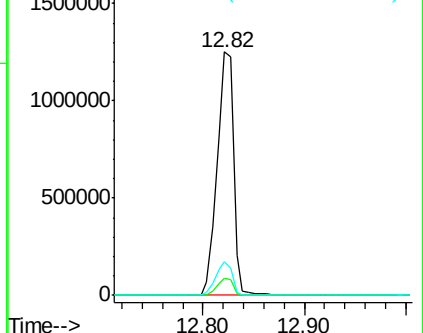
122 14.1 11.0 16.4



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: BF102609.D

Acq: 29 Jan 2018 20:49

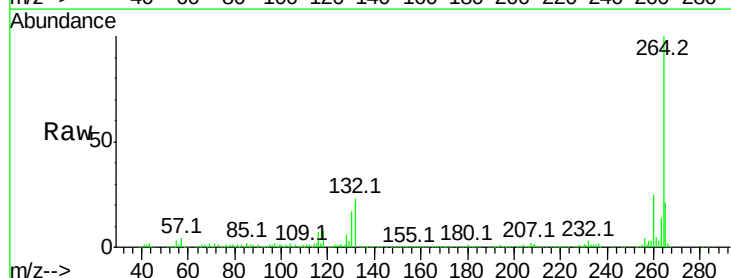
Tgt Ion:264 Resp: 338789

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.4 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

