

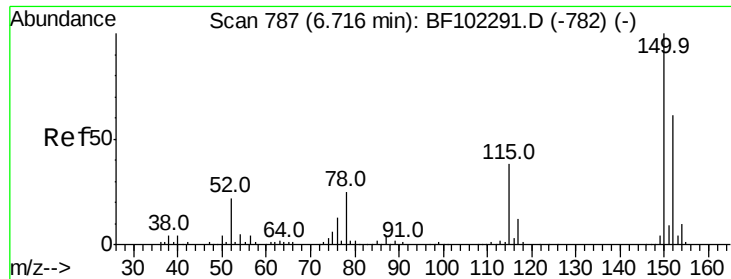
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102445.D
 Acq On : 26 Jan 2018 1:05
 Operator : SJ/JU
 Sample : J1289-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 01:35:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137859	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561032	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	227191	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	329067	20.00	ng	0.00
75) Chrysene-d12	13.87	240	263251	20.00	ng	0.00
86) Perylene-d12	15.30	264	226664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	929157	102.19	ng	0.01
7) Phenol-d6	6.36	99	1117266	101.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	684608	70.12	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	166338	73.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1178479	76.27	ng	0.00
78) Terphenyl-d14	12.82	244	814756	69.77	ng	0.00
Target Compounds						
10) Phenol	6.37	94	47398	3.961	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	90614	13.508	ng	# 77
25) Isophorone	7.29	82	684603	39.335	ng	# 64
49) Dimethylphthalate	9.47	163	183955	9.796	ng	100
56) 2,4-Dinitrotoluene	9.75	165	28321	5.688	ng	# 22
66) 4-Bromophenyl-phenylether	10.55	248	11704	3.304	ng	# 1
74) Fluoranthene	12.45	202	42318	2.164	ng	96

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

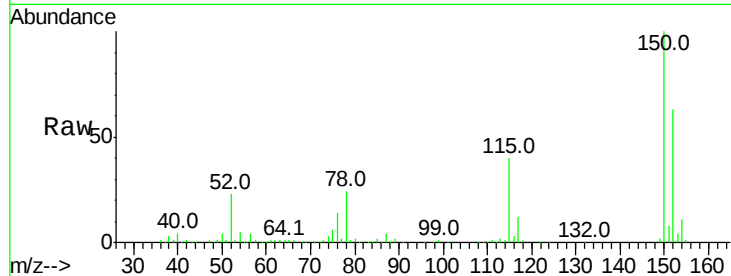


#1

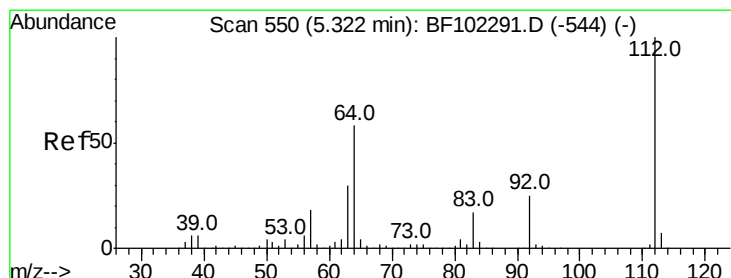
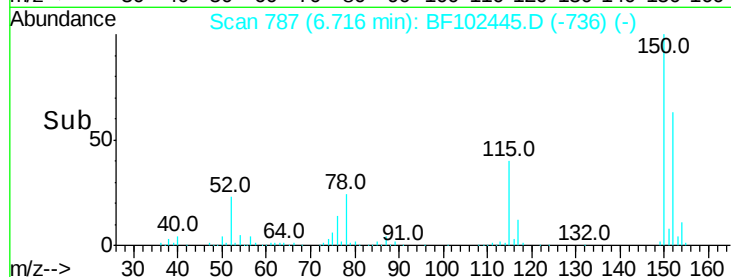
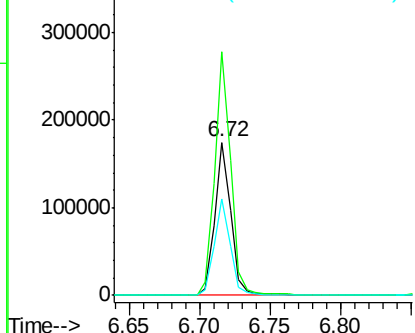
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137859
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.2 50.1 75.1



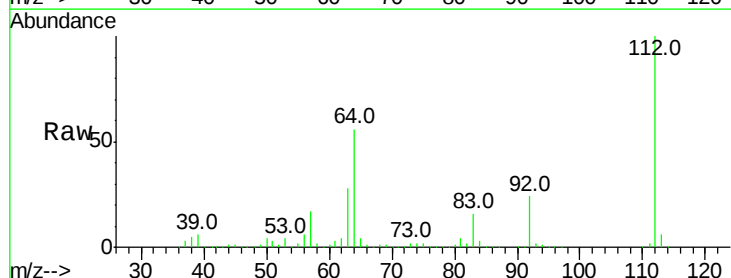
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



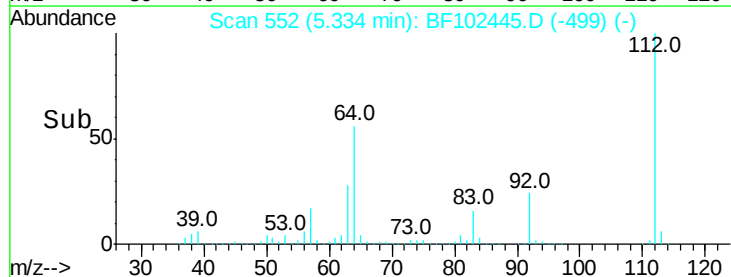
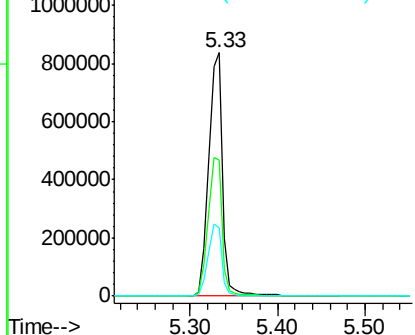
#5

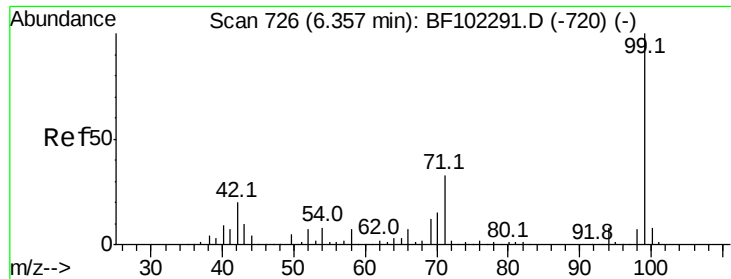
2-Fluorophenol
Concen: 102.195 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion:112 Resp: 929157
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: 101.928 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampled :

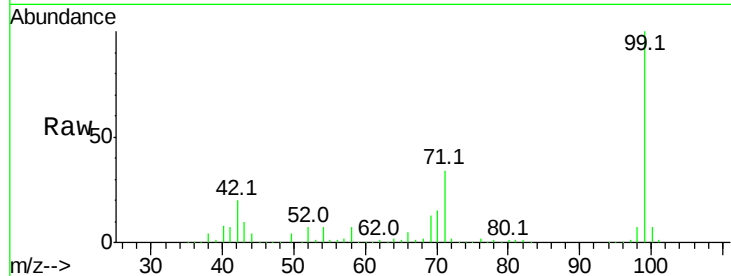
Tot Ion: 99 Resp: 1117266

Ion Ratio Lower Upper

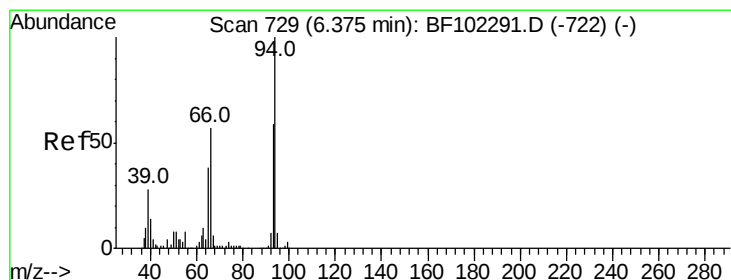
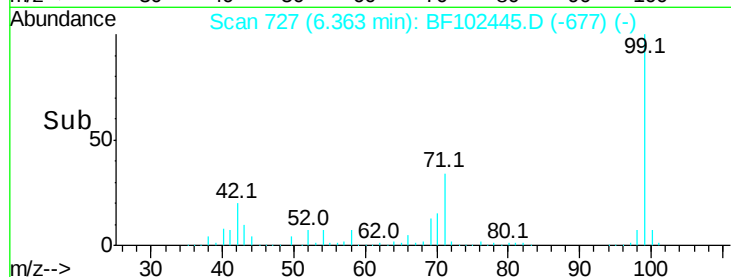
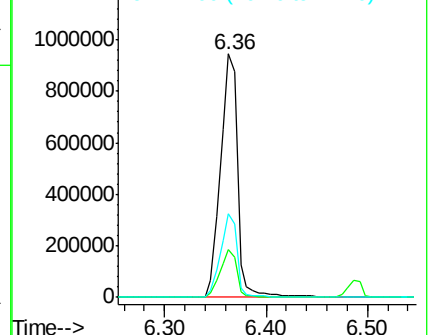
99 100

42 19.5 14.5 21.7

71 34.3 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: 3.961 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

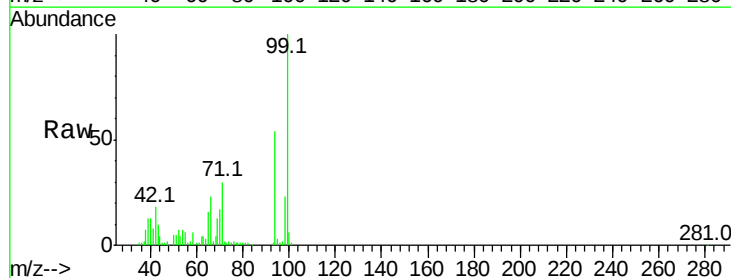
Tgt Ion: 94 Resp: 47398

Ion Ratio Lower Upper

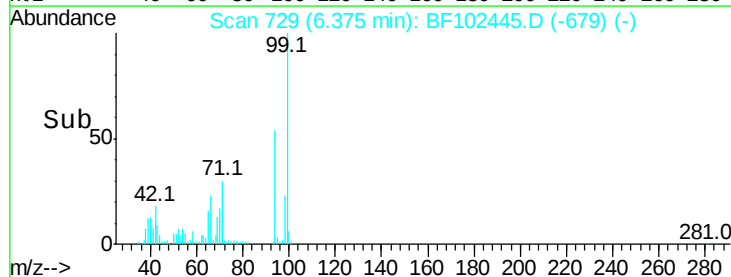
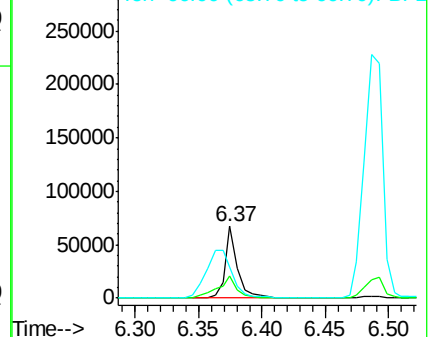
94 100

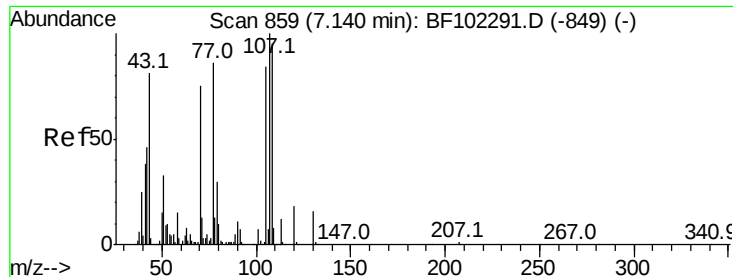
65 30.3 7.9 47.9

66 42.6 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

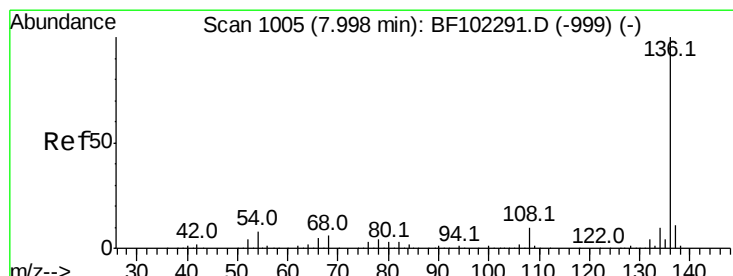
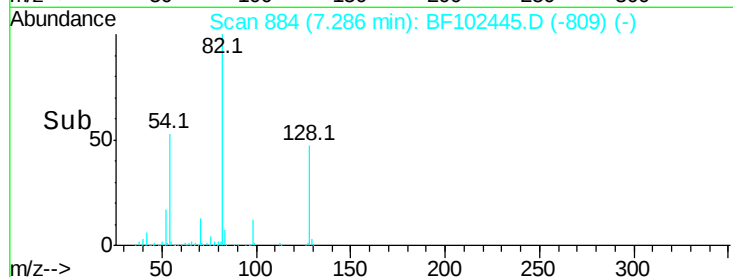
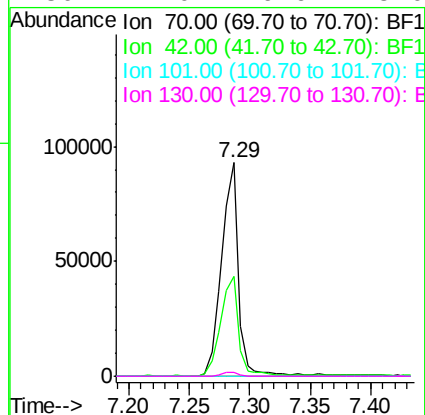
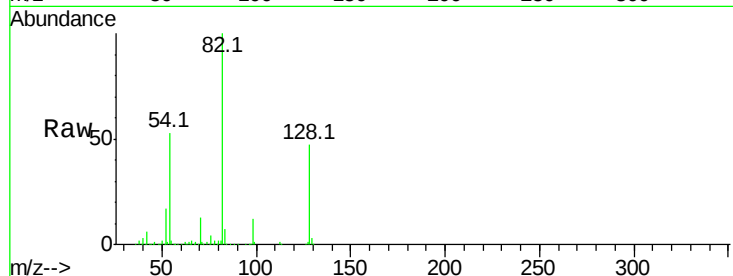




#19
n-Nitroso-di-n-propylamine
Concen: 13.508 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

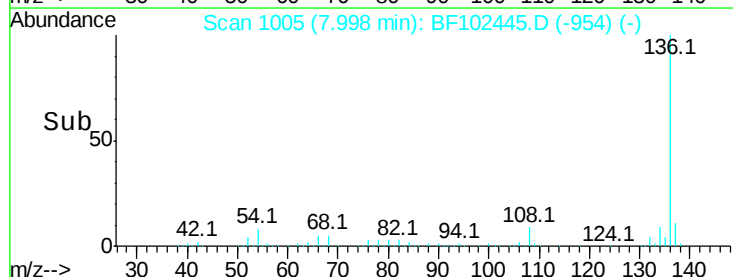
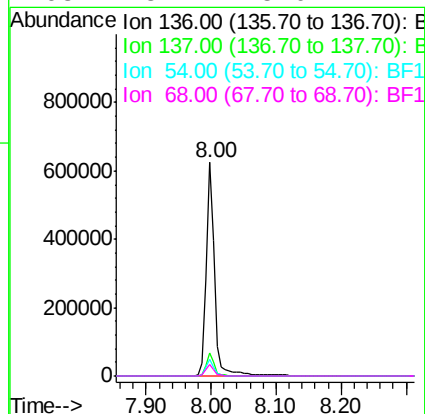
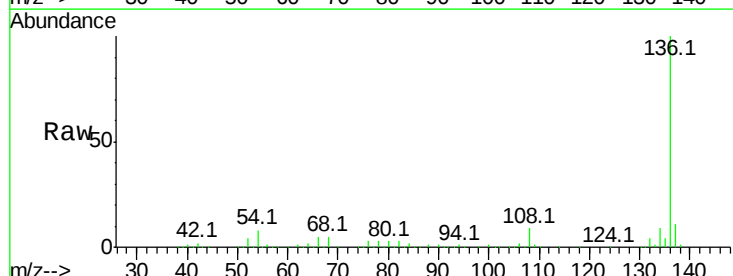
Instrument :
BNA_F
ClientSampled :

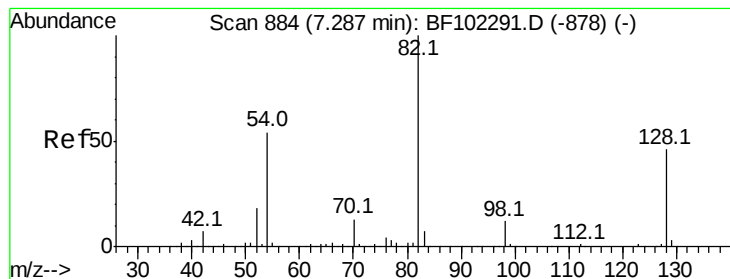
Tot Ion: 70 Resp: 90614
Ion Ratio Lower Upper
70 100
42 46.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion: 136 Resp: 561032
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 70.125 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampled :

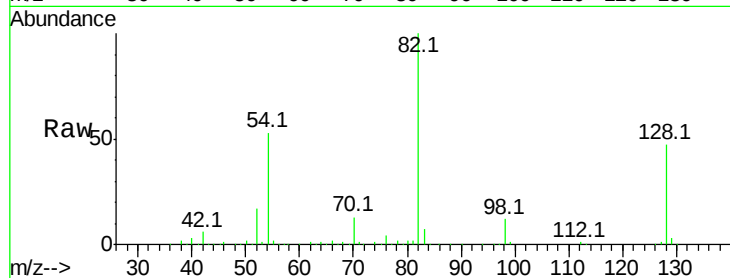
Tot Ion: 82 Resp: 684608

Ion Ratio Lower Upper

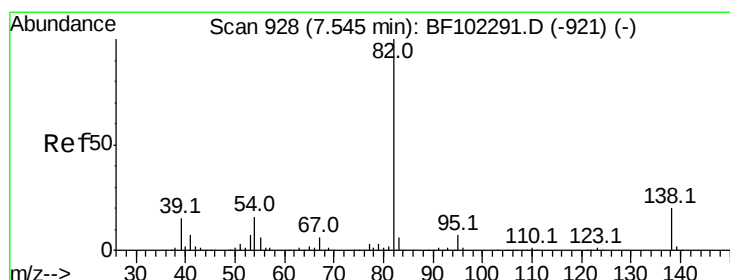
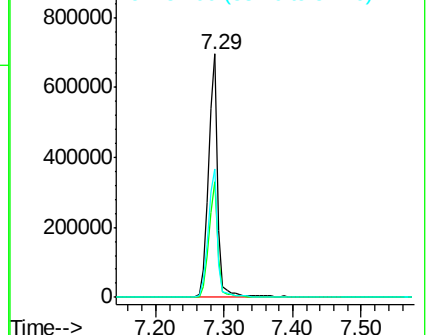
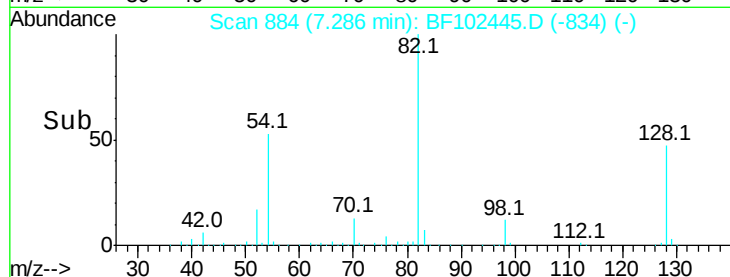
82 100

128 47.3 36.1 54.1

54 52.6 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: 39.335 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

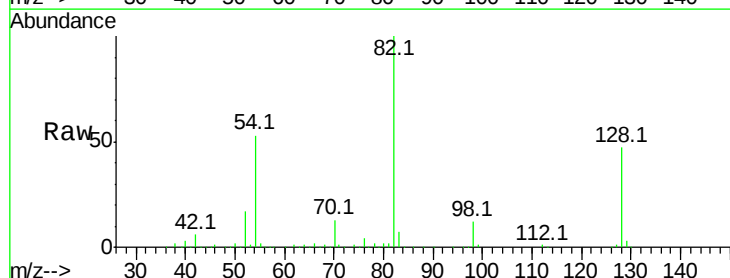
Tgt Ion: 82 Resp: 684603

Ion Ratio Lower Upper

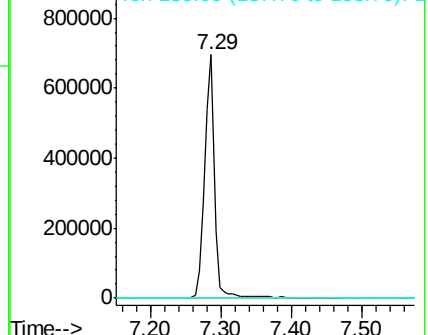
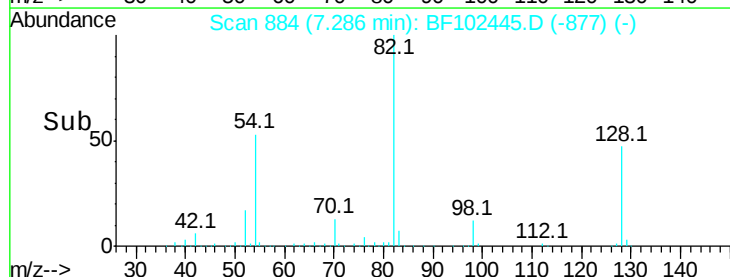
82 100

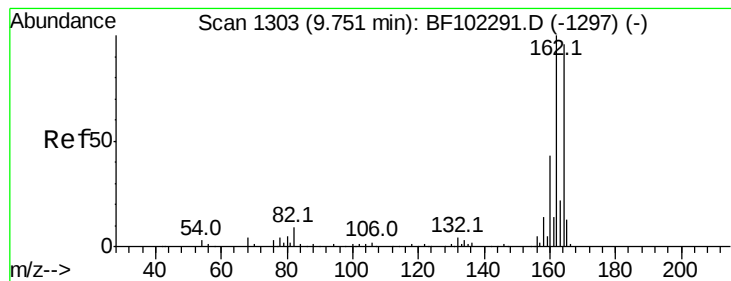
95 0.0 5.2 7.8#

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. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

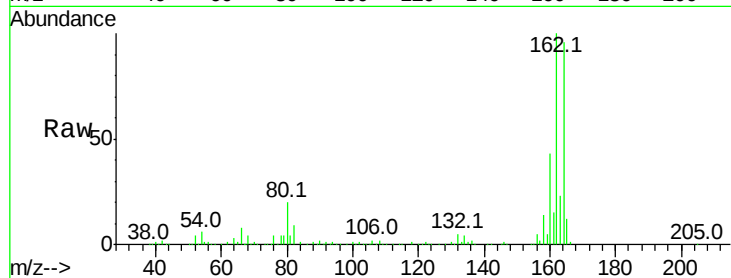
Tot Ion:164 Resp: 227191

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

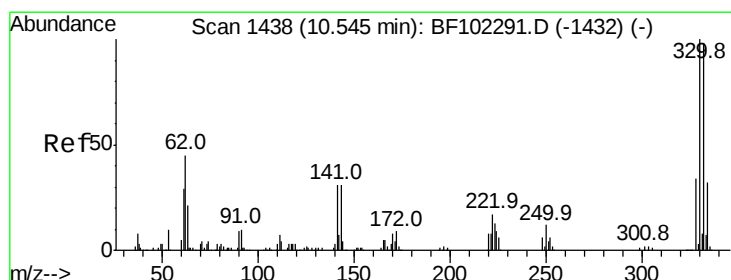
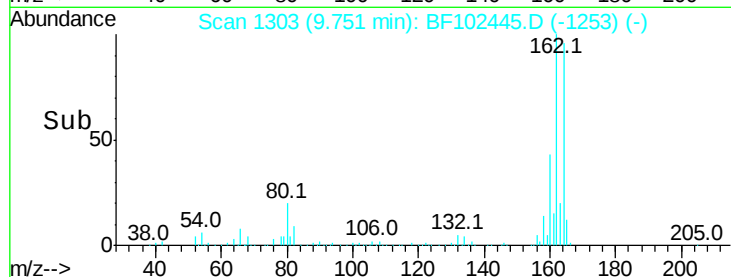
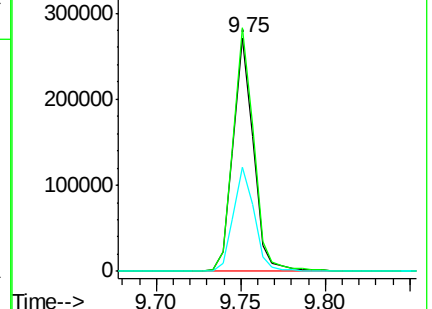
160 44.3 38.3 57.5



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: 73.891 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

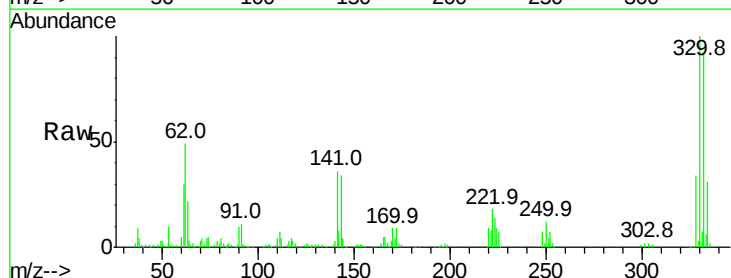
Tgt Ion:330 Resp: 166338

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

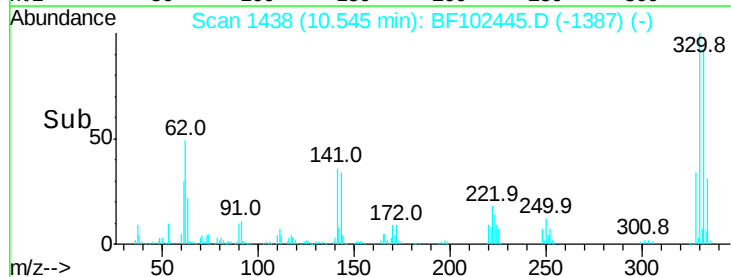
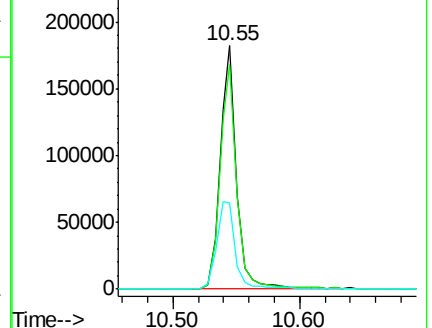
141 41.4 29.9 44.9

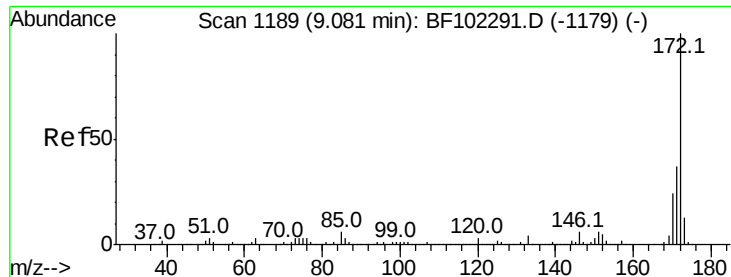


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

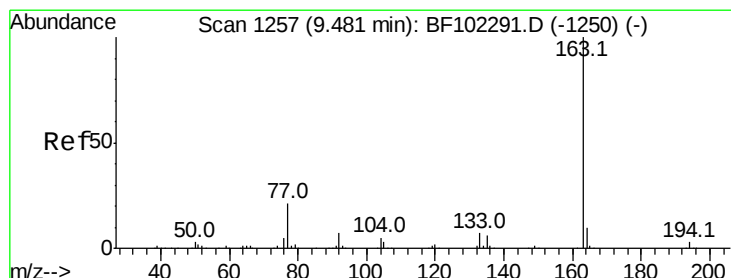
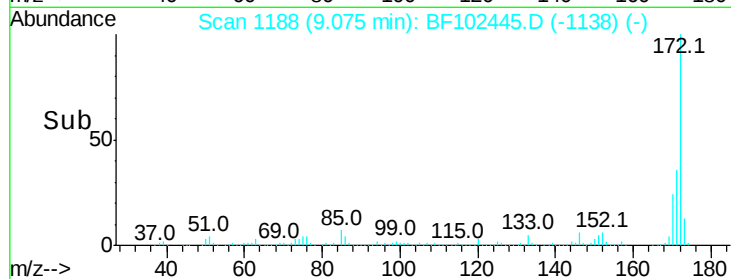
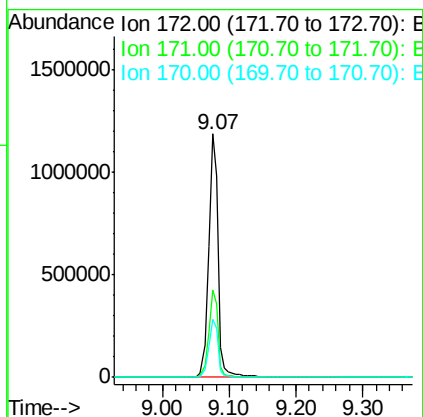
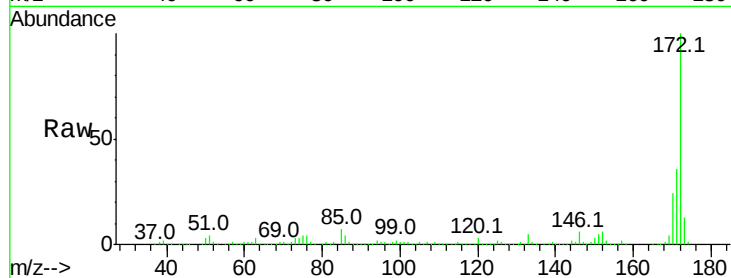




#44
2-Fluorobiphenyl
Concen: 76.270 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

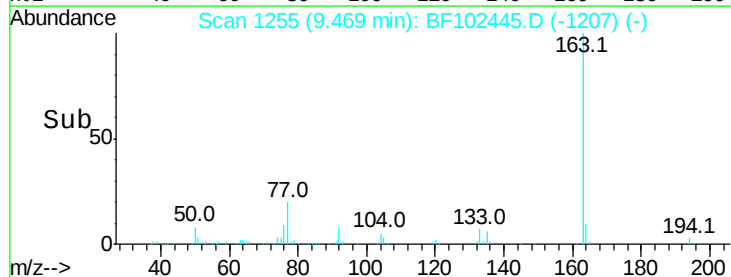
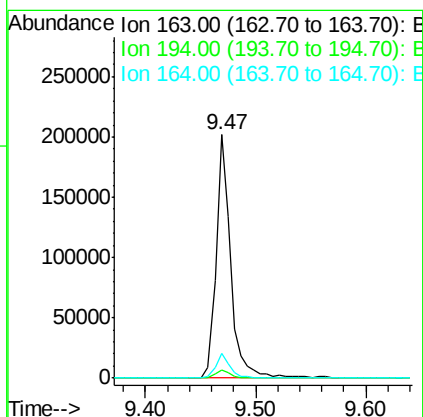
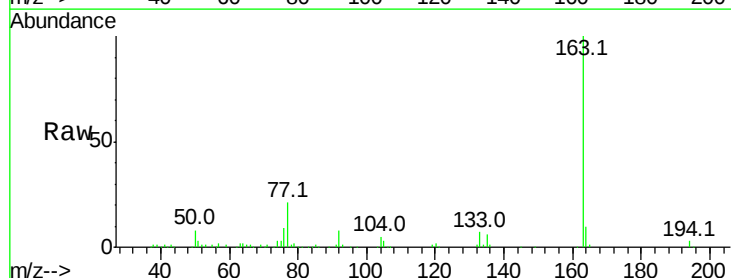
Instrument :
BNA_F
ClientSampleId :

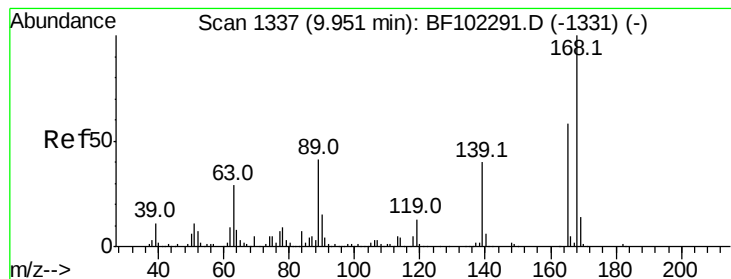
Tot Ion:172 Resp: 1178479
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 9.796 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102445.D
Acq: 26 Jan 2018 1:05

Tgt Ion:163 Resp: 183955
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

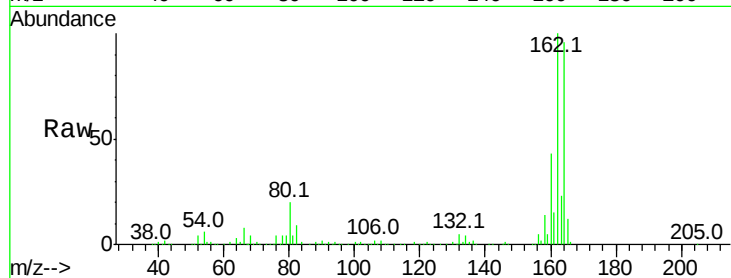




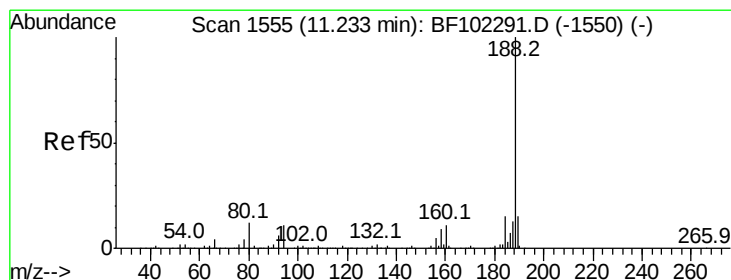
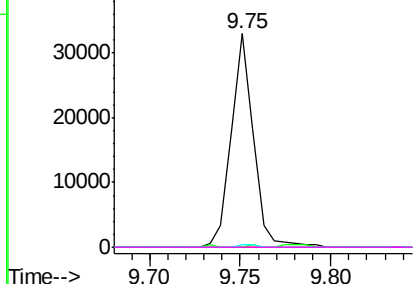
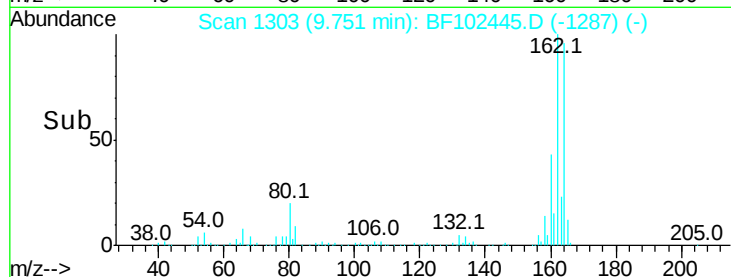
#56
 2,4-Dinitrotoluene
 Concen: 5.688 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28321
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

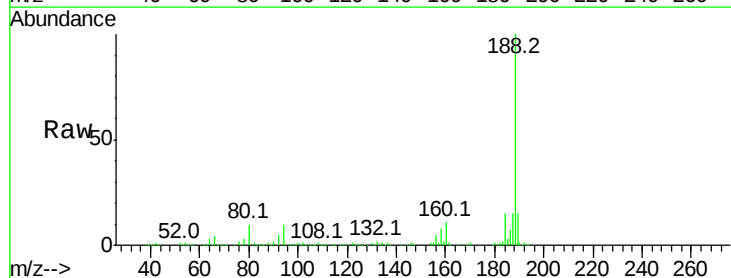


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

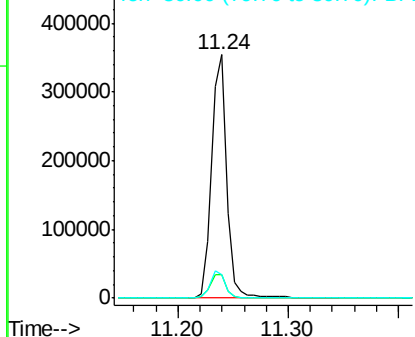
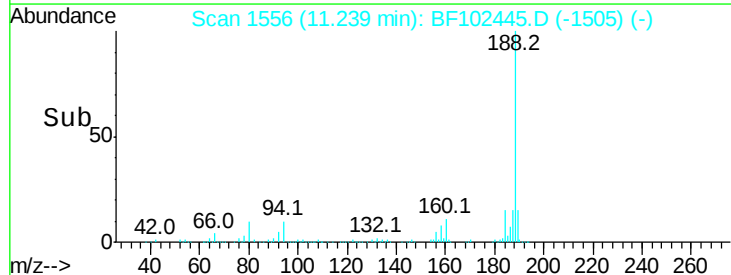


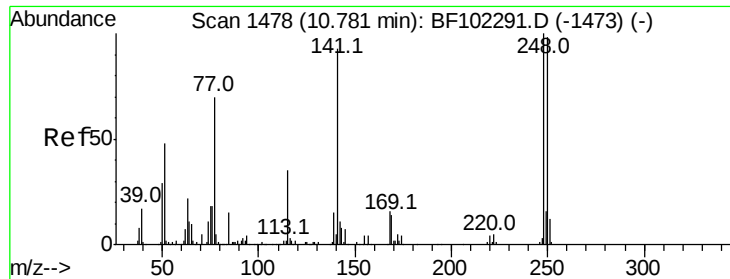
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Tgt Ion:188 Resp: 329067
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.7 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

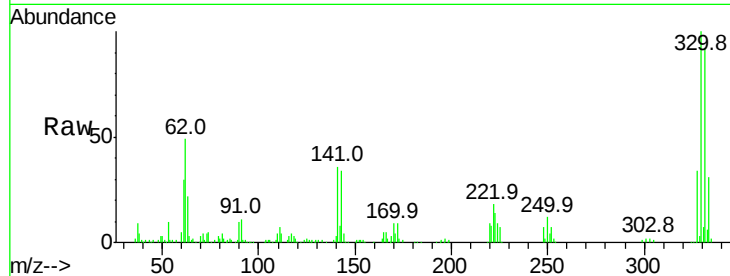




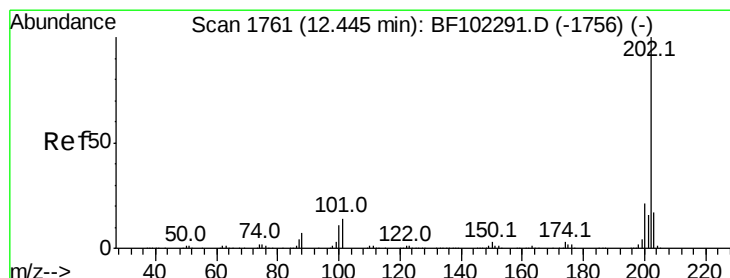
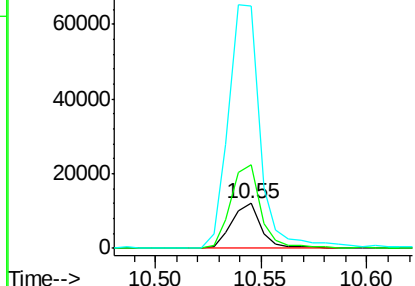
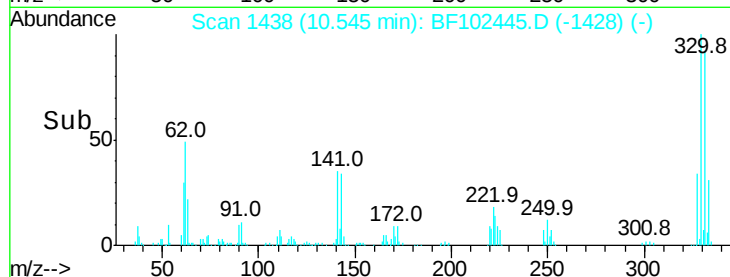
#66
 4-Bromophenyl-phenylether
 Concen: 3.304 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11704
 Ion Ratio Lower Upper
 248 100
 250 187.0 76.9 115.3#
 141 538.2 74.4 111.6#

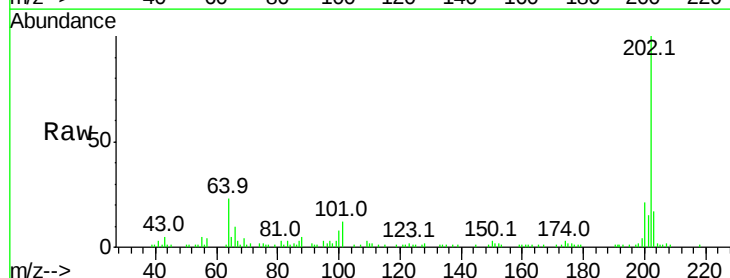


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

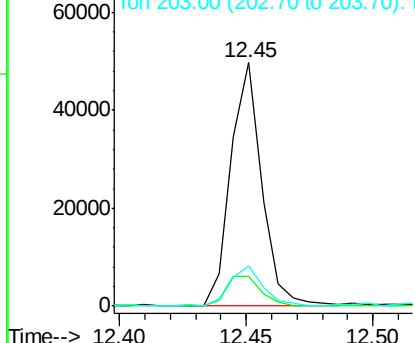
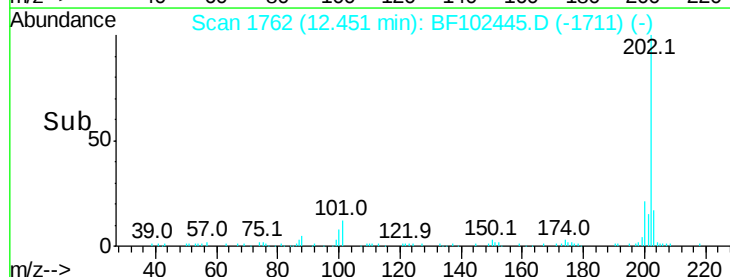


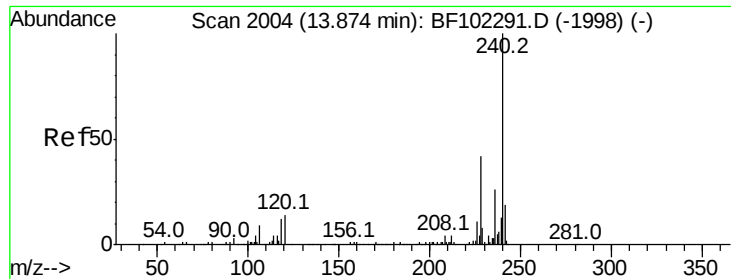
#74
 Fluoranthene
 Concen: 2.164 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Tgt Ion:202 Resp: 42318
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 34.1
 203 16.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

Instrument :

BNA_F

ClientSampleId :

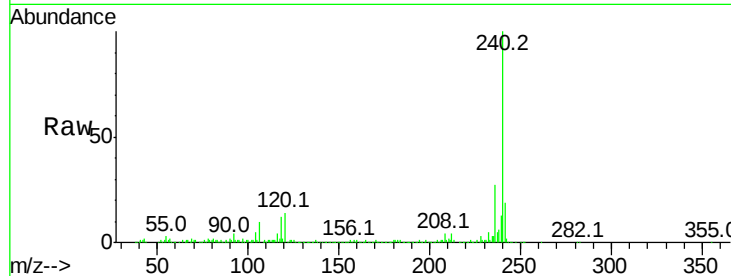
Tot Ion:240 Resp: 263251

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

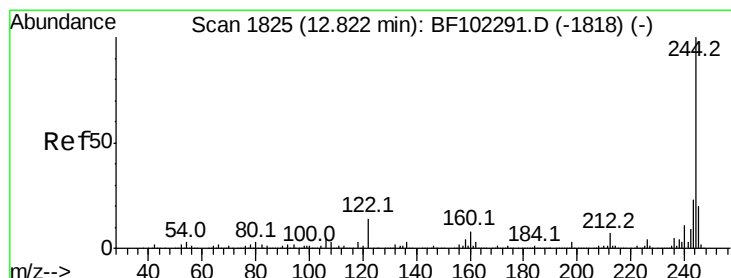
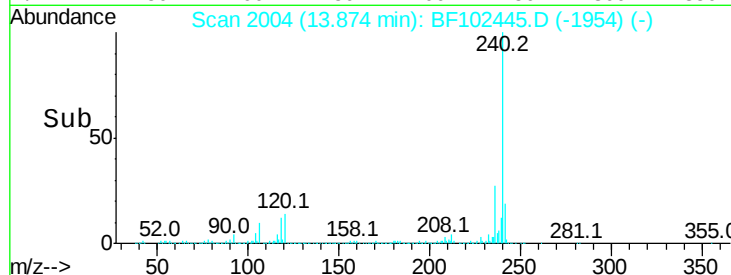
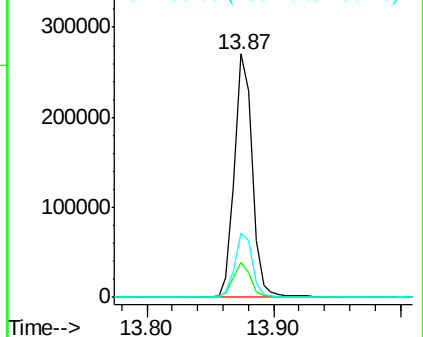
236 26.6 20.7 31.1



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: 69.772 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102445.D

Acq: 26 Jan 2018 1:05

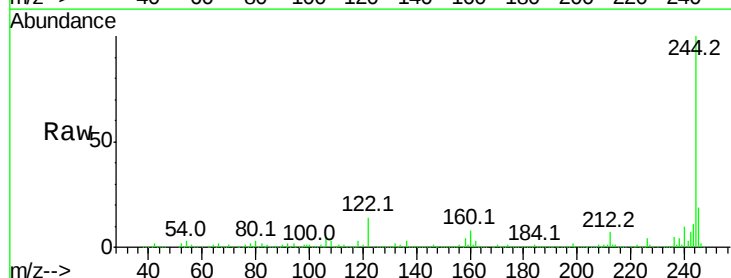
Tgt Ion:244 Resp: 814756

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

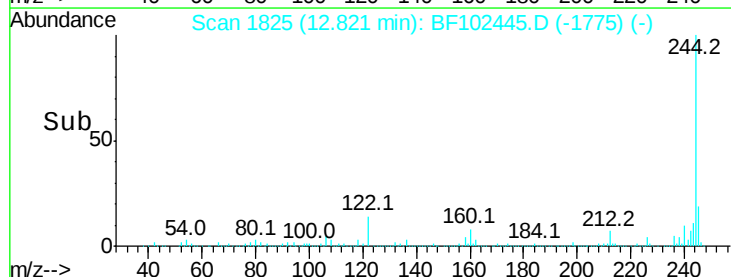
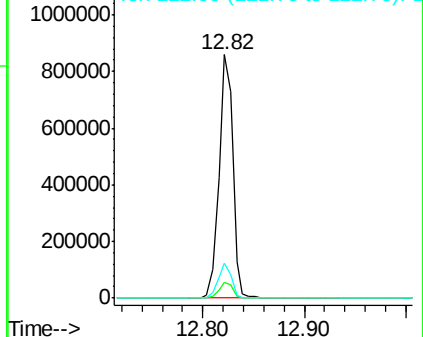
122 14.3 11.0 16.4

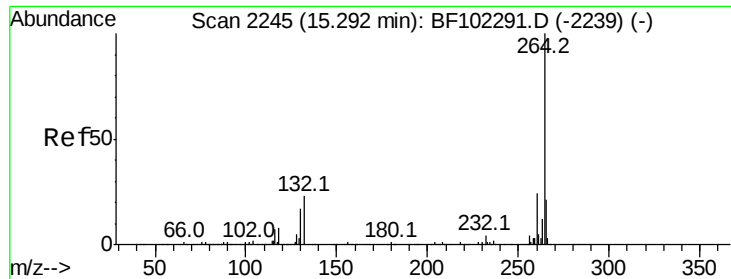


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102445.D
 Acq: 26 Jan 2018 1:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3

