

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102244.D
 Acq On : 20 Jan 2018 3:46
 Operator : SJ/JU
 Sample : J1113-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 05:15:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

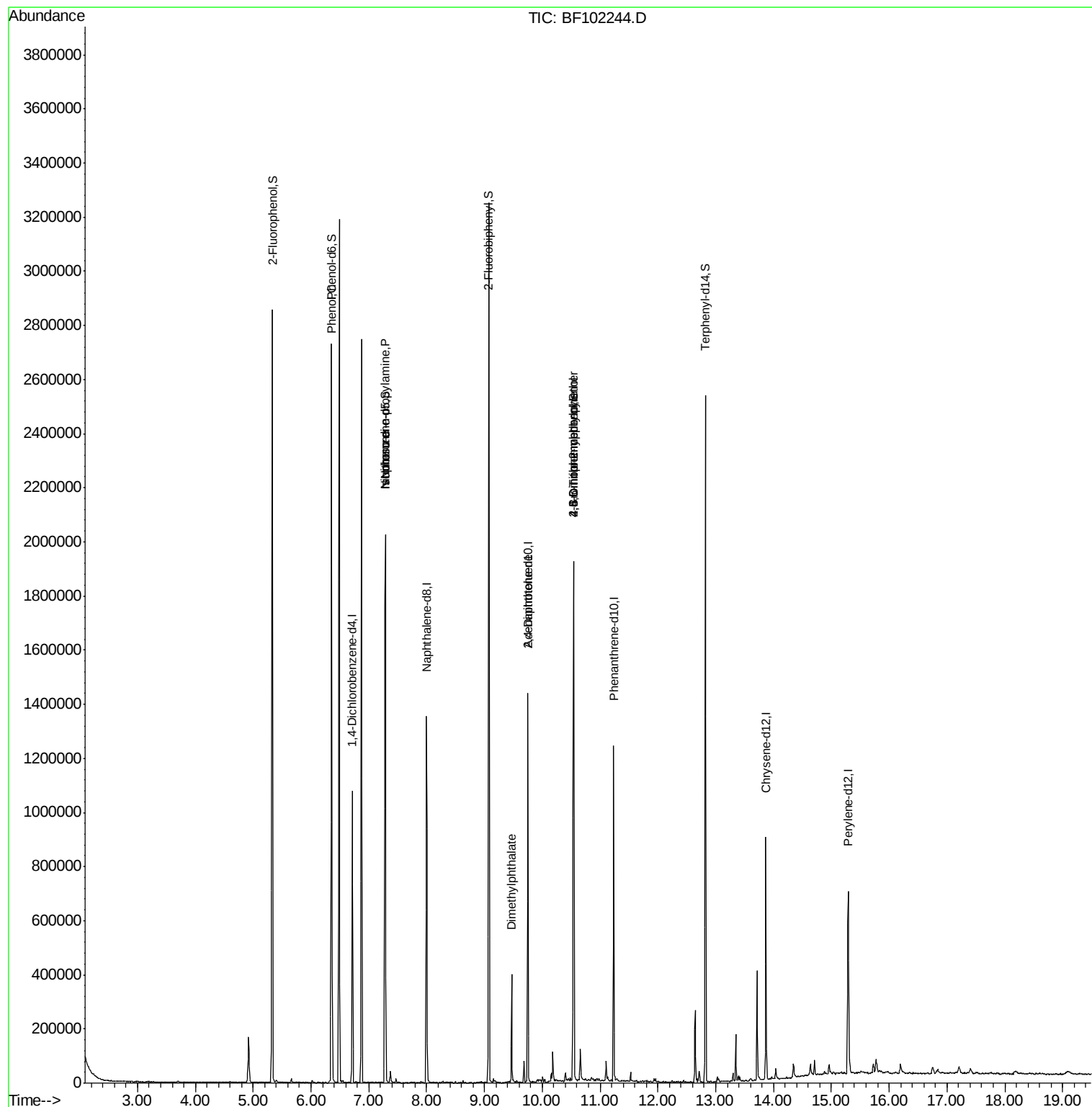
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142870	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	591019	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	257406	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	414337	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268560	20.00	ng	0.00
86) Perylene-d12	15.29	264	275026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	909569	89.90	ng	0.00
7) Phenol-d6	6.36	99	1092030	90.46	ng	-0.01
23) Nitrobenzene-d5	7.29	82	679678	67.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	230658	102.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1111006	67.43	ng	-0.01
78) Terphenyl-d14	12.82	244	789263	61.02	ng	0.00
Target Compounds						
10) Phenol	6.37	94	32080	2.352	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	89751	11.345	ng	# 82
25) Isophorone	7.29	82	679663	34.201	ng	# 64
49) Dimethylphthalate	9.47	163	140040	6.782	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32915	6.367	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	514	5.864	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14839	3.391	ng	# 1

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

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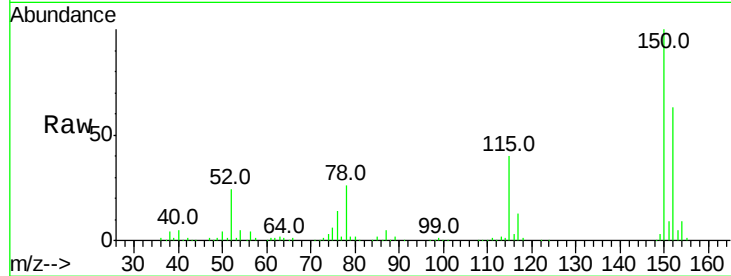


#1

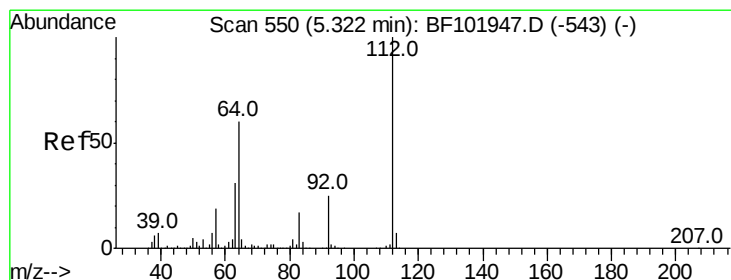
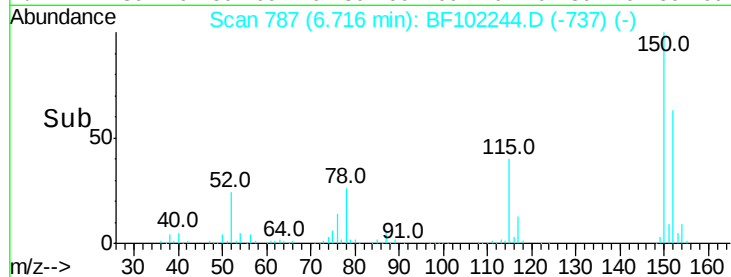
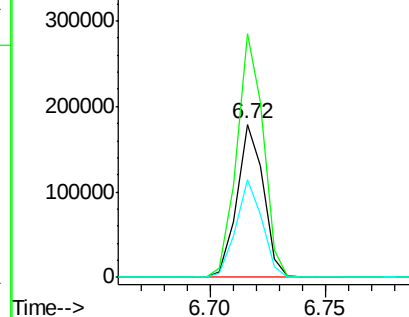
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142870
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 63.5 50.1 75.1



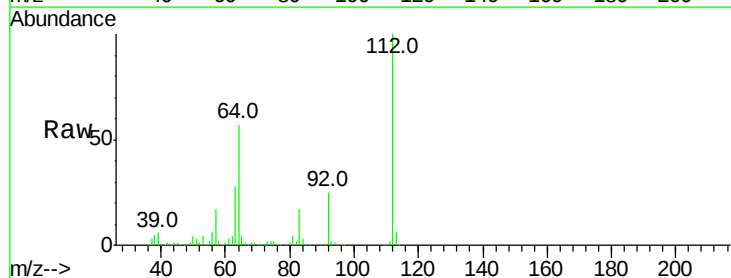
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



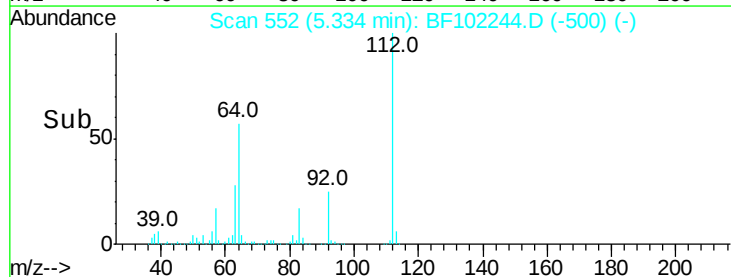
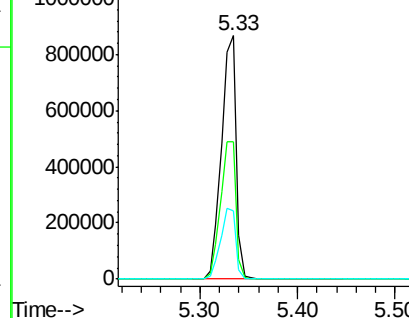
#5

2-Fluorophenol
Concen: 89.899 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:112 Resp: 909569
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.1 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: 90.464 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampleId :

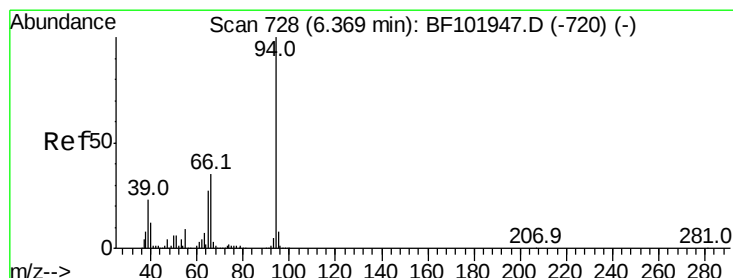
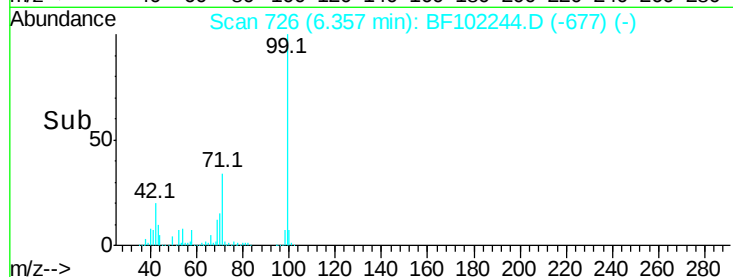
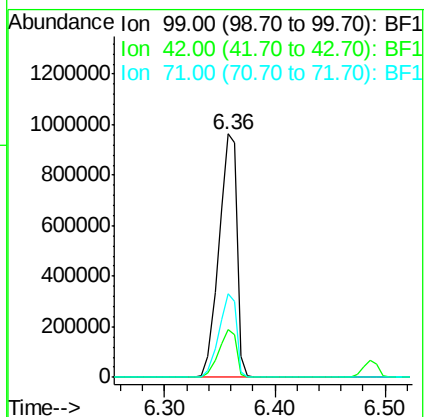
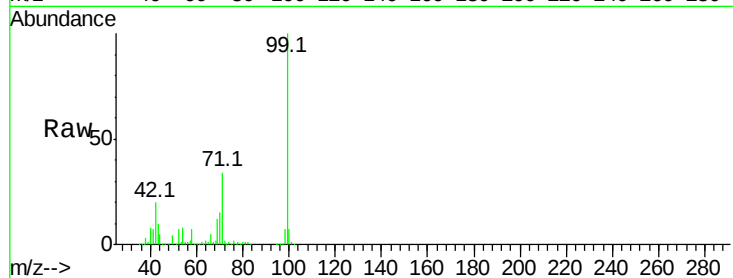
Tot Ion: 99 Resp: 1092030

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 2.352 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

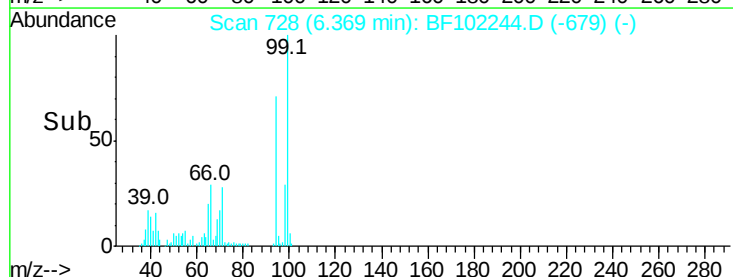
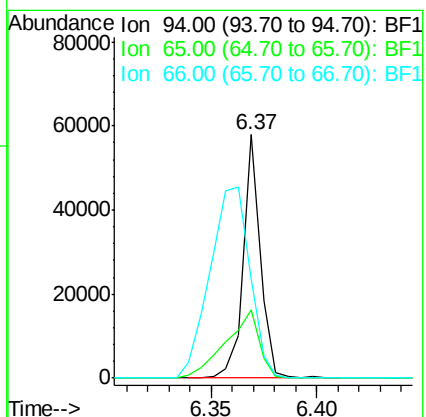
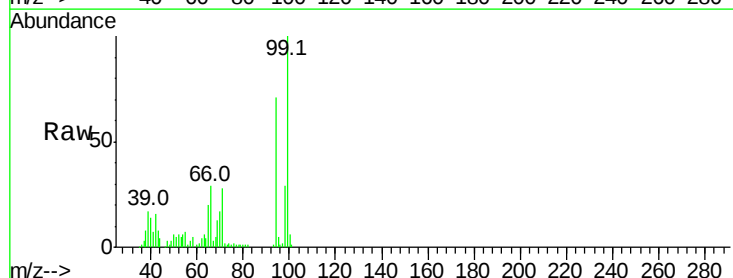
Tgt Ion: 94 Resp: 32080

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 40.6 16.2 56.2

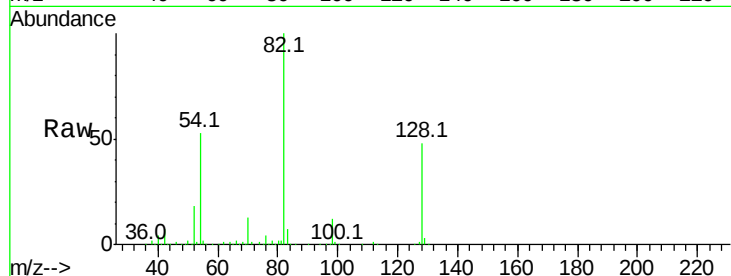




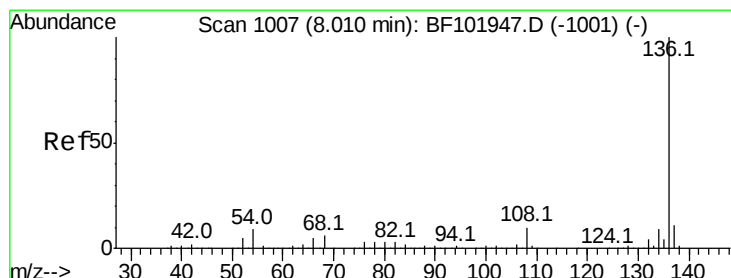
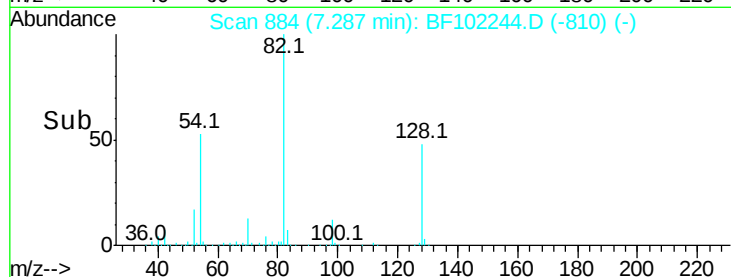
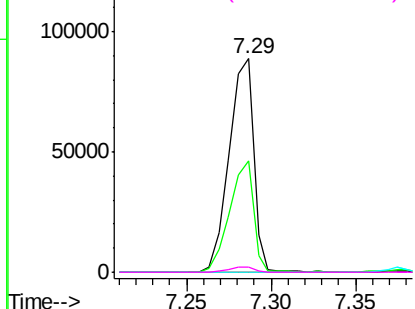
#19
n-Nitroso-di-n-propylamine
Concen: 11.345 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 89751
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

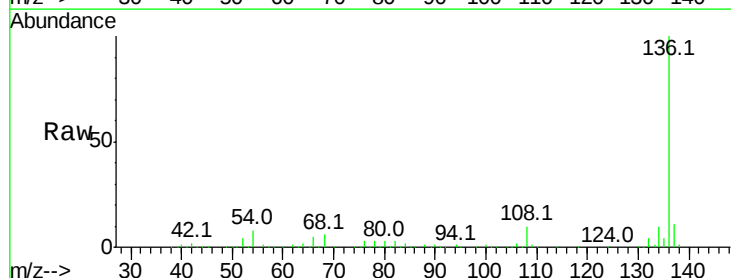


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

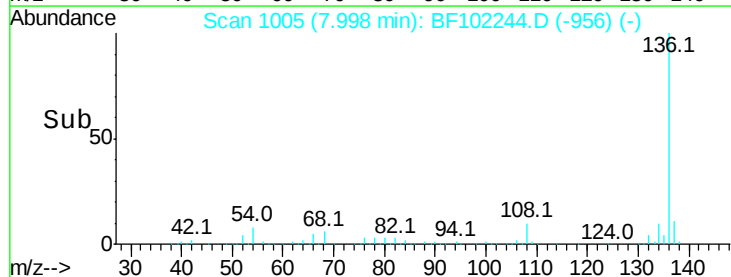
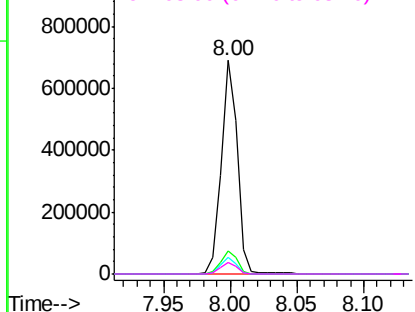


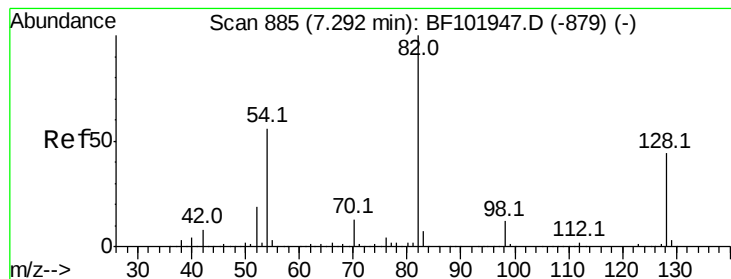
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion: 136 Resp: 591019
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 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: 67.579 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampleId :

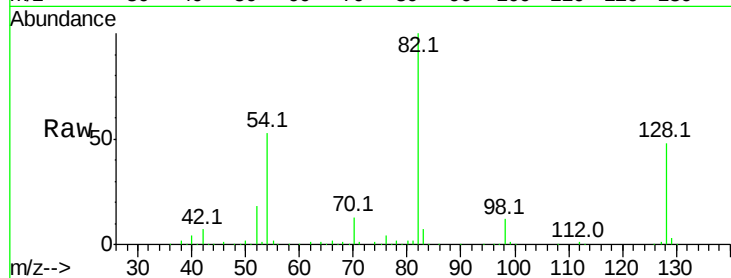
Tot Ion: 82 Resp: 679678

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

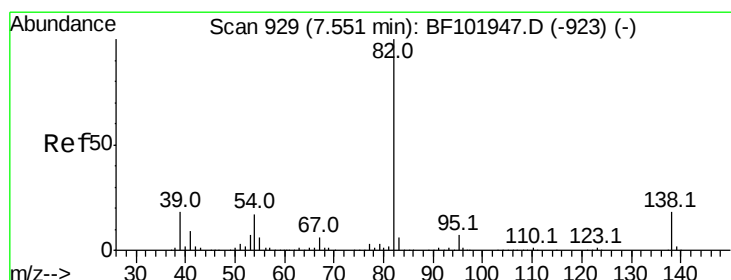
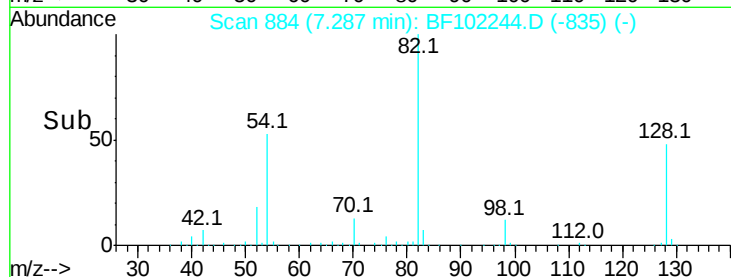
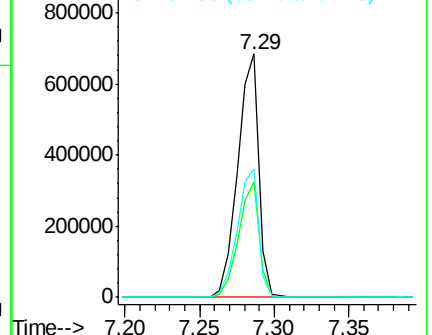
54 52.9 41.4 62.2



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: 34.201 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

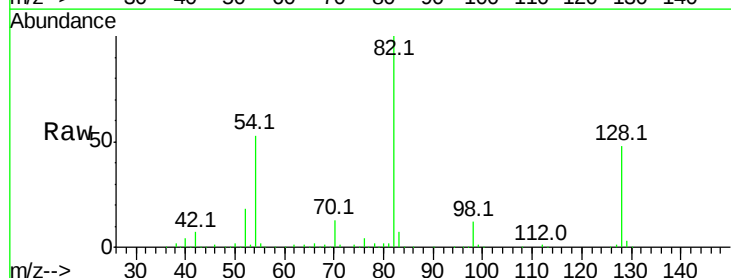
Tgt Ion: 82 Resp: 679663

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

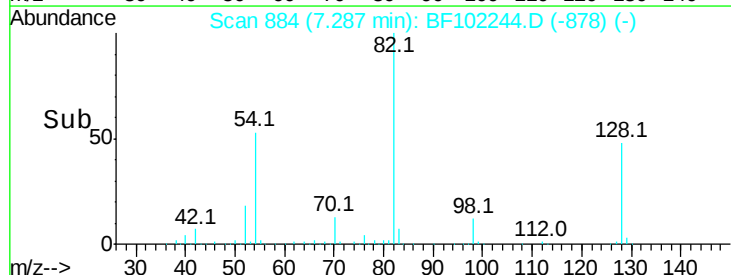
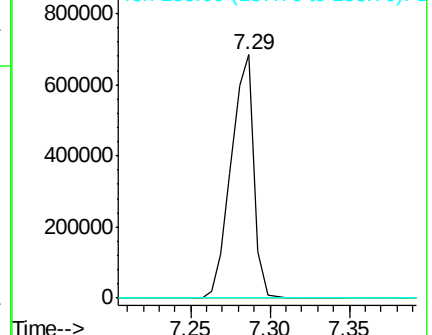
138 0.0 14.9 22.3#

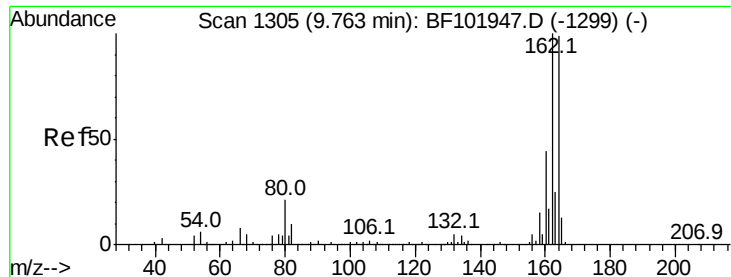


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

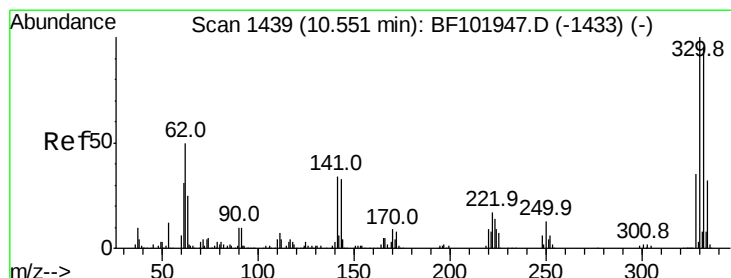
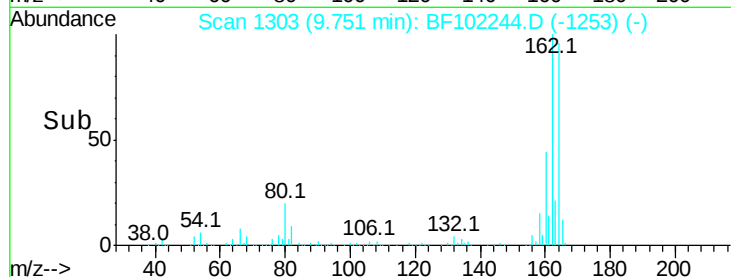
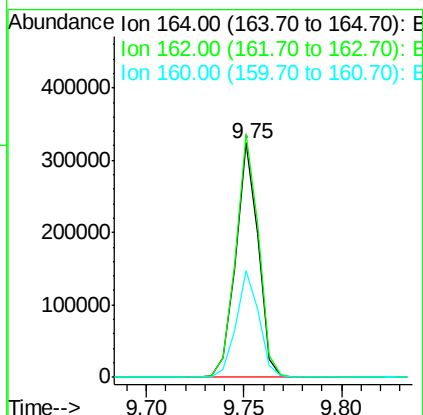
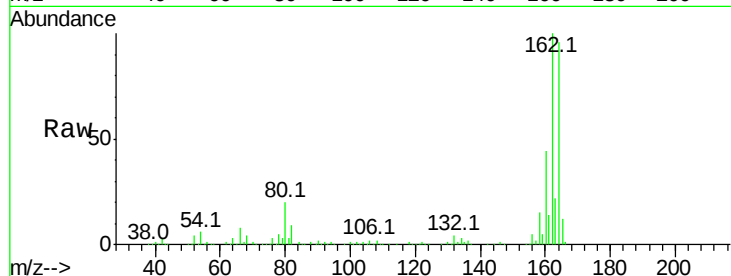




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102244.D
 Acq: 20 Jan 2018 3:46

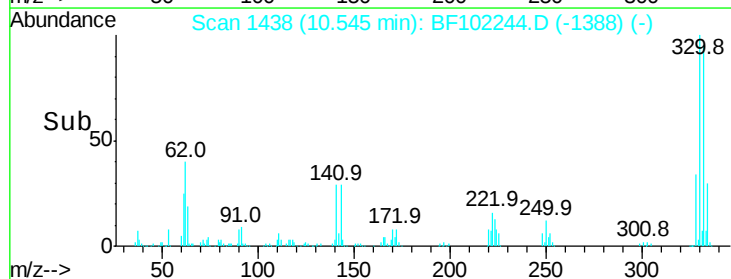
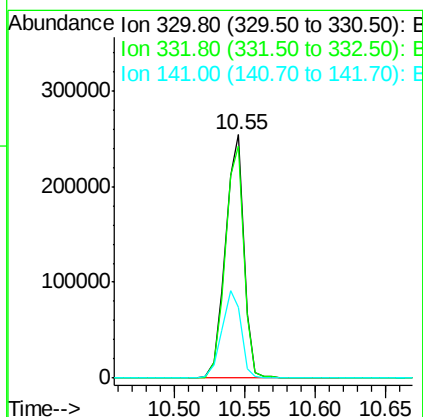
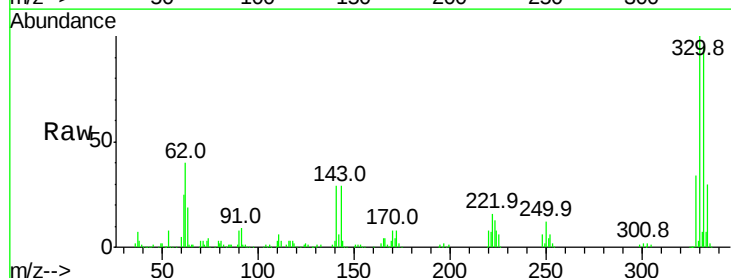
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 257406
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.681 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102244.D
 Acq: 20 Jan 2018 3:46

Tgt Ion:330 Resp: 230658
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.5 29.9 44.9

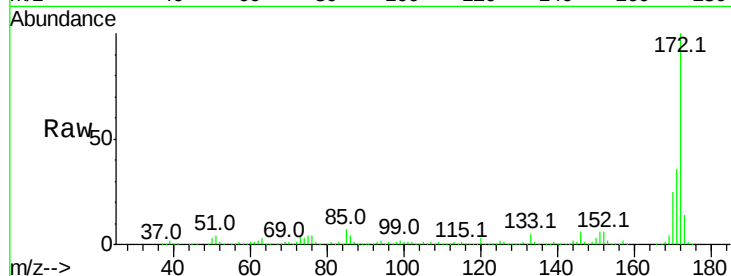




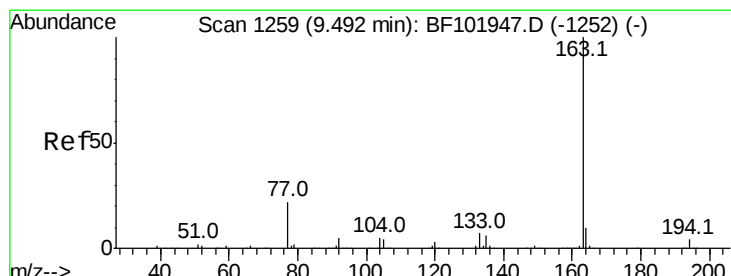
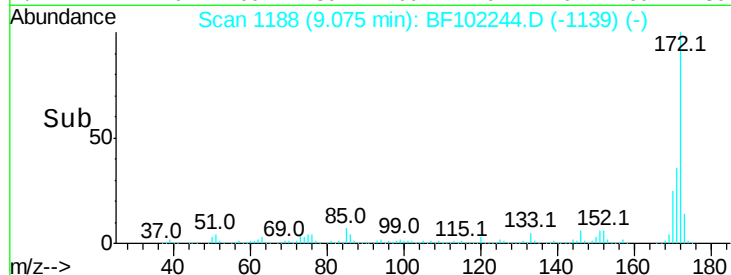
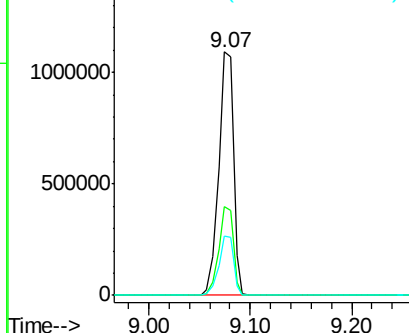
#44
2-Fluorobiphenyl
Concen: 67.430 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1111006
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4

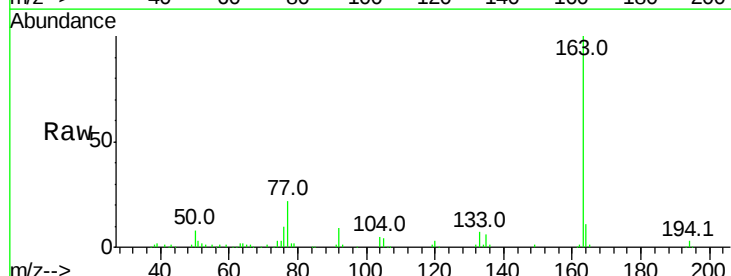


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

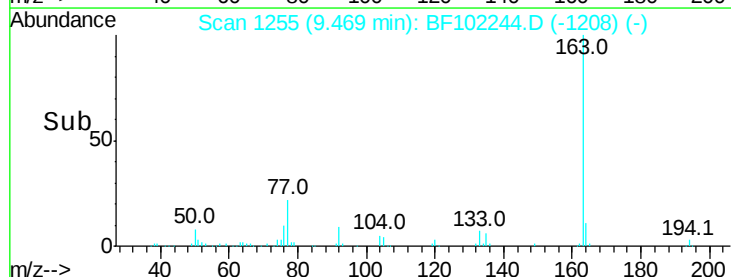
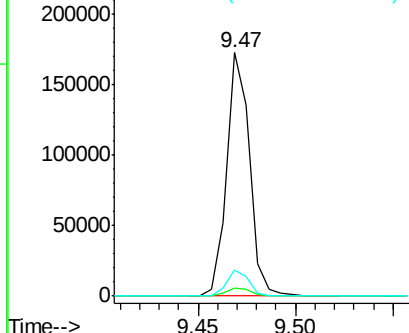


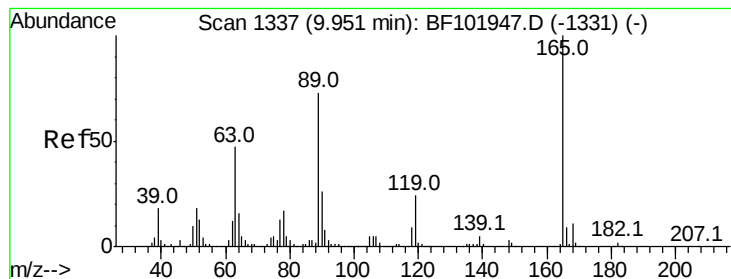
#49
Dimethylphthalate
Concen: 6.782 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:163 Resp: 140040
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 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: 6.367 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32915

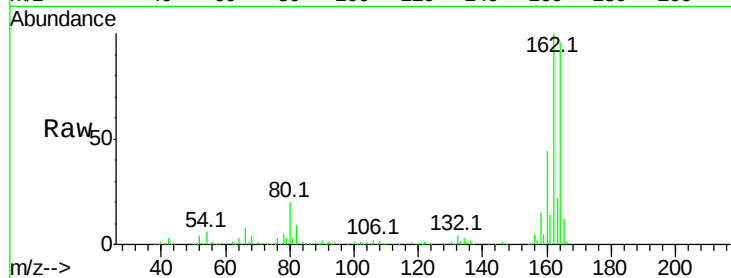
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

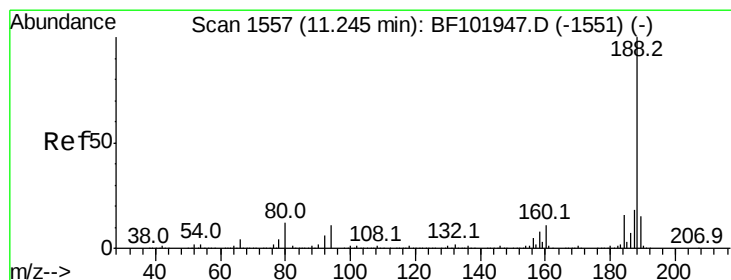
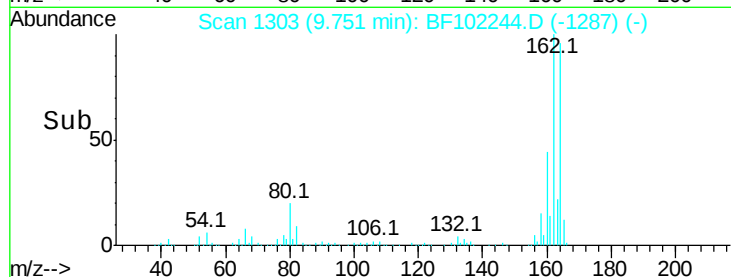
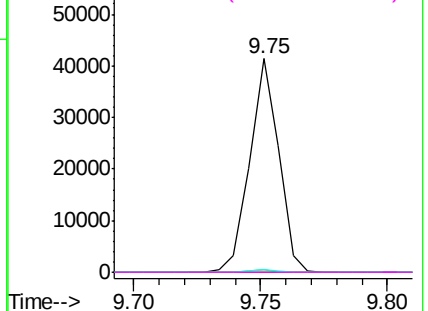


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF102244.D

Acq: 20 Jan 2018 3:46

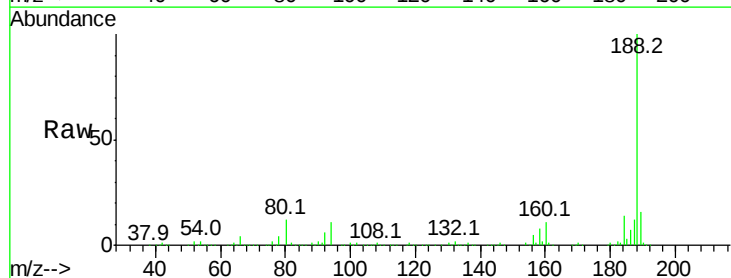
Tgt Ion:188 Resp: 414337

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

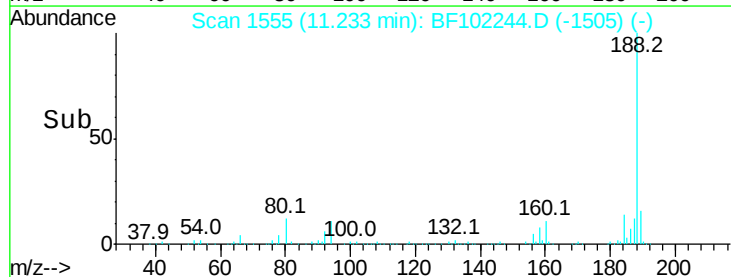
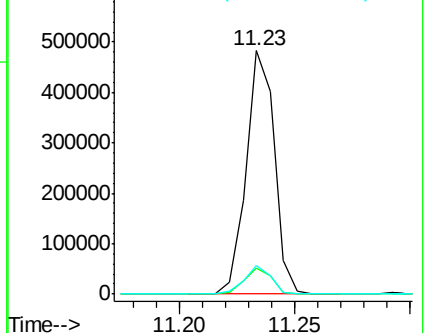
80 12.0 9.2 13.8

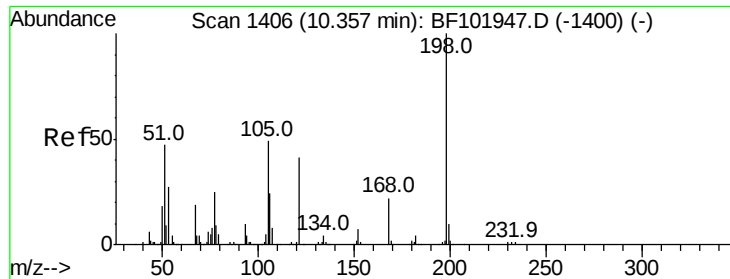


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

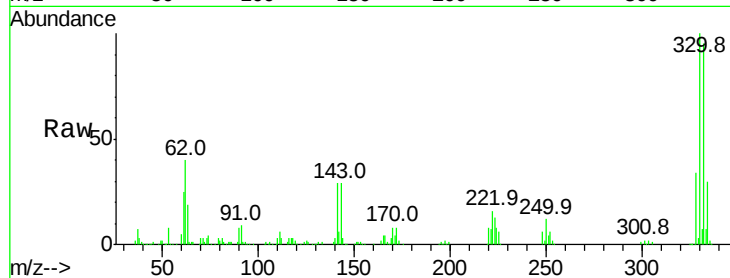




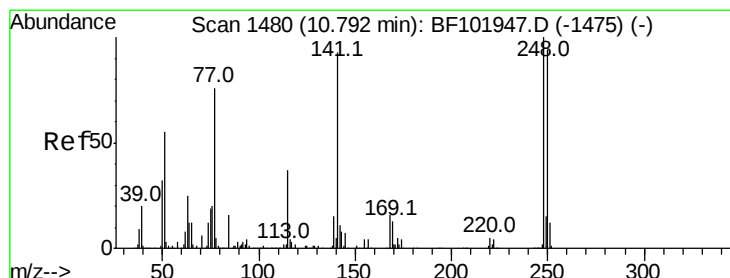
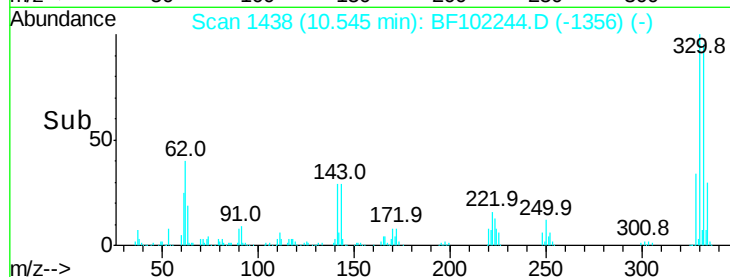
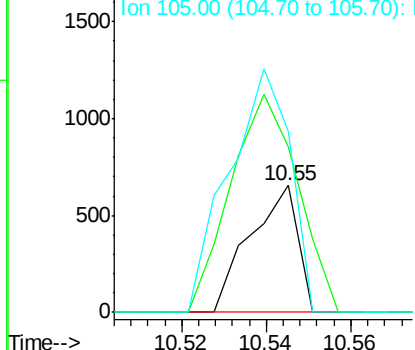
#64
4,6-Dinitro-2-methylphenol
Concen: 5.864 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 514
Ion Ratio Lower Upper
198 100
51 130.8 37.7 77.7#
105 142.9 36.3 76.3#

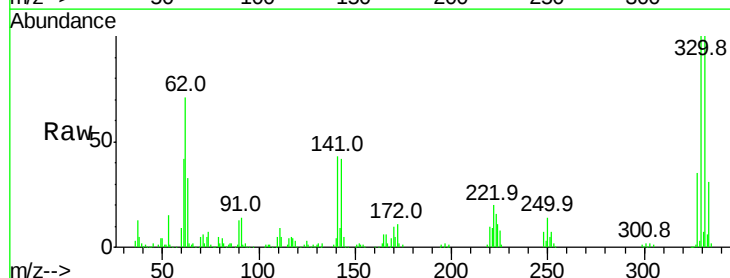


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

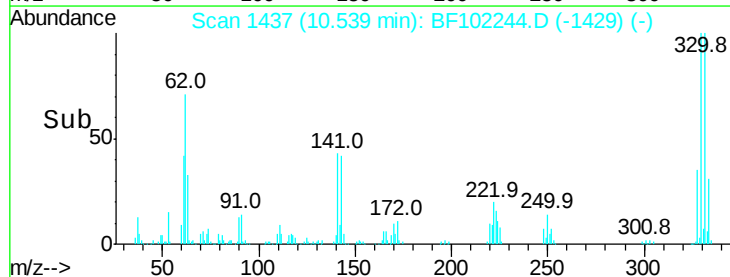
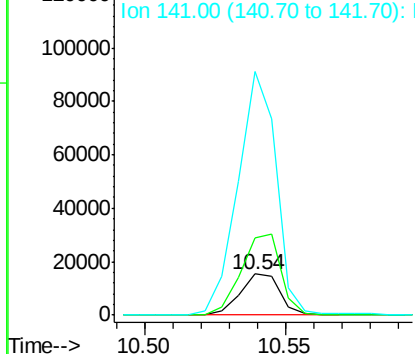


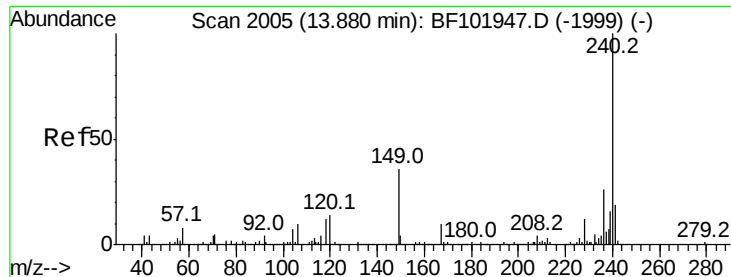
#66
4-Bromophenyl-phenylether
Concen: 3.391 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102244.D
Acq: 20 Jan 2018 3:46

Tgt Ion:248 Resp: 14839
Ion Ratio Lower Upper
248 100
250 187.7 76.9 115.3#
141 596.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

Instrument :

BNA_F

ClientSampled :

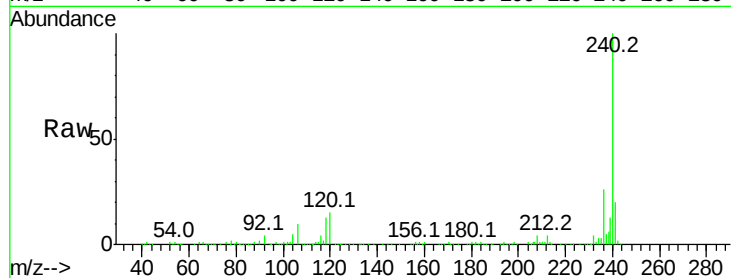
Tot Ion:240 Resp: 268560

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

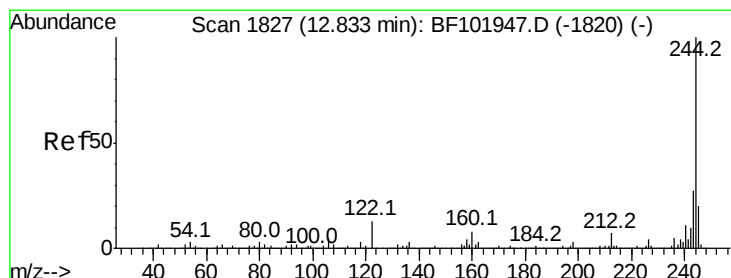
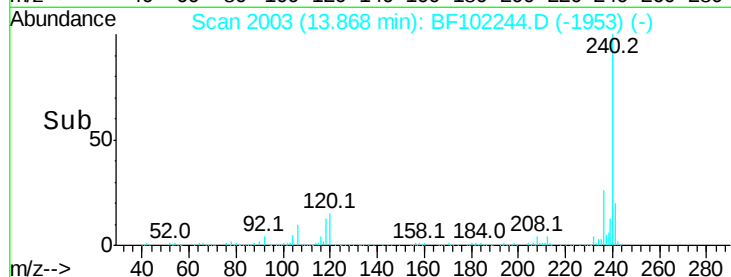
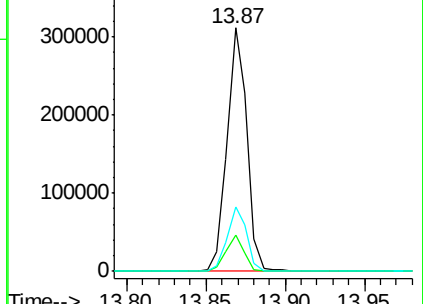
236 26.3 20.7 31.1



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: 61.019 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102244.D

Acq: 20 Jan 2018 3:46

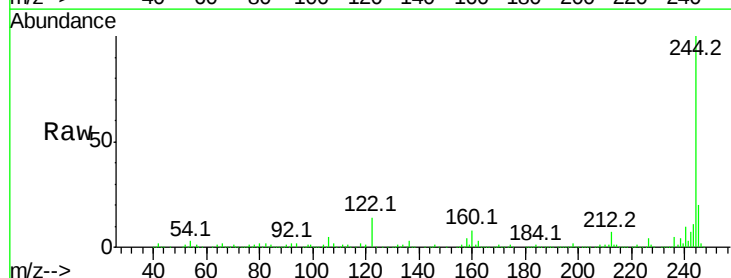
Tgt Ion:244 Resp: 789263

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

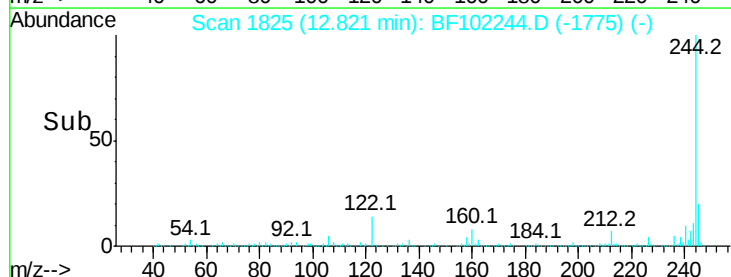
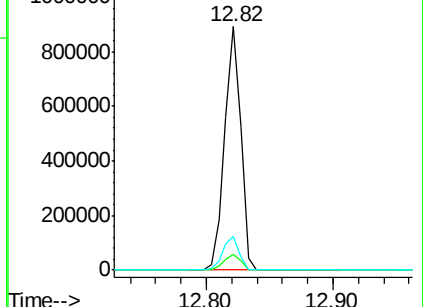
122 13.7 11.0 16.4

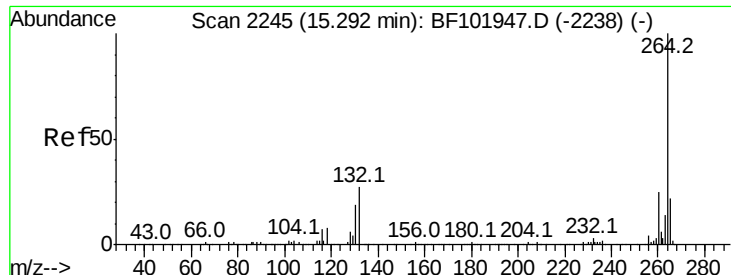


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

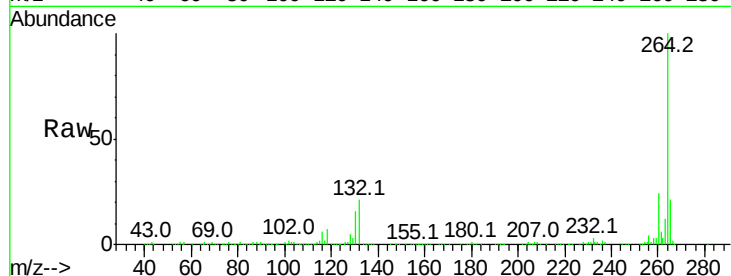




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102244.D
 Acq: 20 Jan 2018 3:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	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

