

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102103.D
 Acq On : 16 Jan 2018 12:27
 Operator : SJ/JU
 Sample : J1114-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:30:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

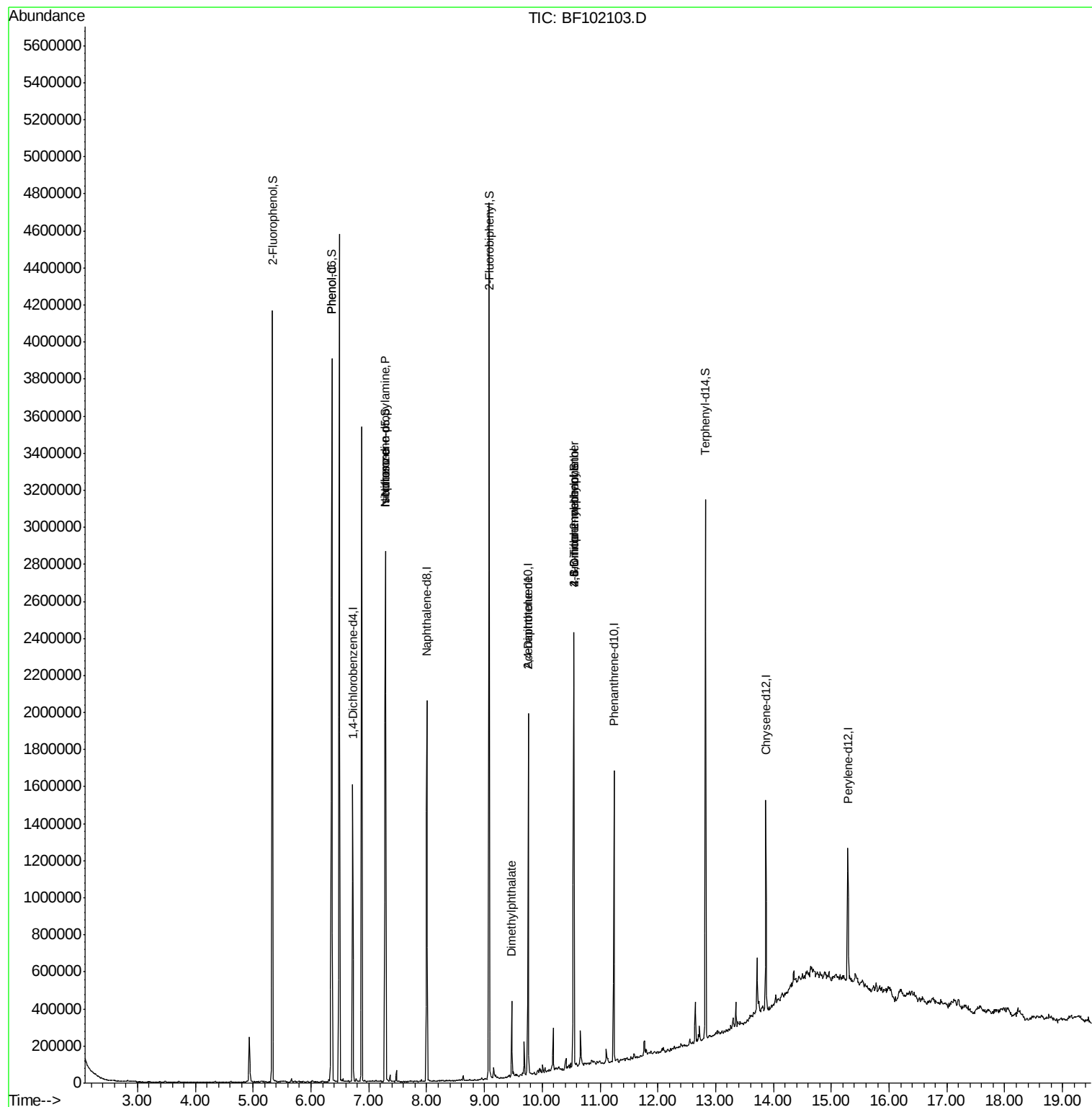
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	212564	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	853229	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	352827	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	525871	20.00	ng	0.00
75) Chrysene-d12	13.87	240	356898	20.00	ng	-0.01
86) Perylene-d12	15.29	264	313301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1315936	87.42	ng	0.00
7) Phenol-d6	6.36	99	1564061	87.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	1002994	69.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	278218	90.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1486563	65.82	ng	-0.01
78) Terphenyl-d14	12.82	244	1008625	58.68	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	59219	2.918	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	134600	11.436	ng	# 79
25) Isophorone	7.29	82	999299	34.832	ng	# 64
49) Dimethylphthalate	9.47	163	144120	5.092	ng	100
56) 2,4-Dinitrotoluene	9.76	165	47691	6.730	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	516	5.822	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18155	3.269	ng	# 1

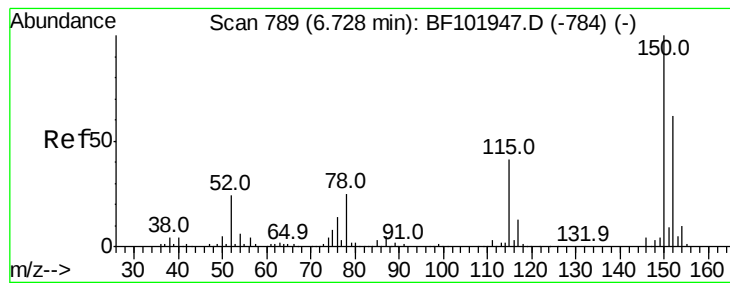
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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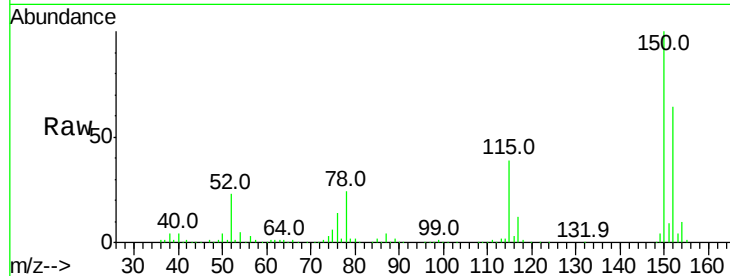


#1

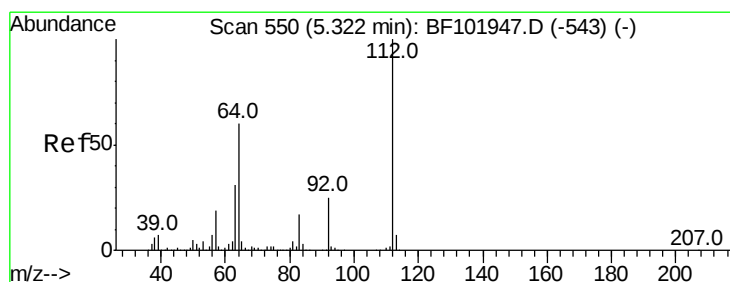
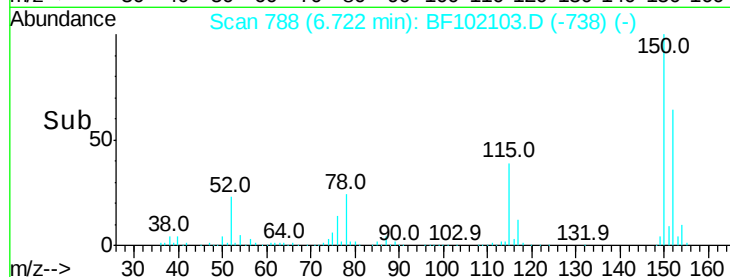
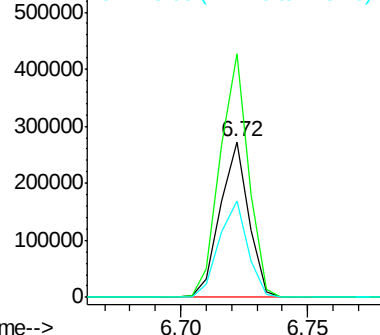
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 212564
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.7 50.1 75.1



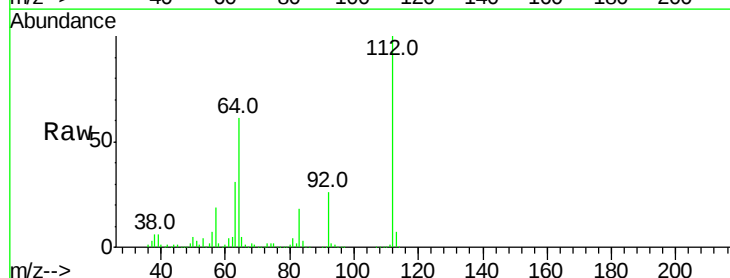
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



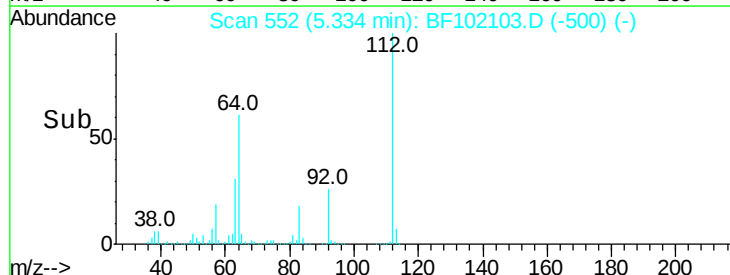
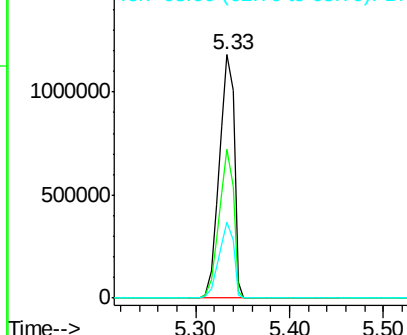
#5

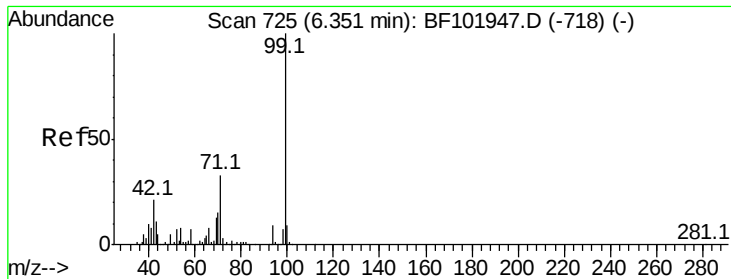
2-Fluorophenol
Concen: 87.419 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:112 Resp: 1315936
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.4 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: 87.085 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Instrument :

BNA_F

ClientSampleId :

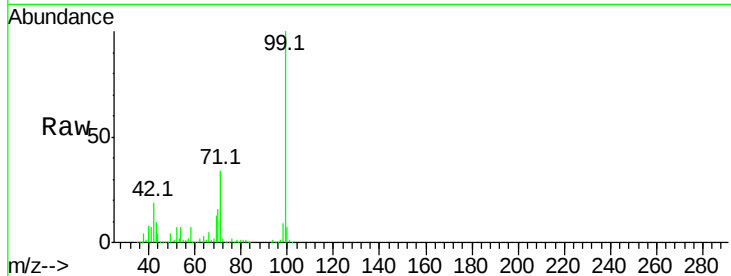
Tot Ion: 99 Resp: 1564061

Ion Ratio Lower Upper

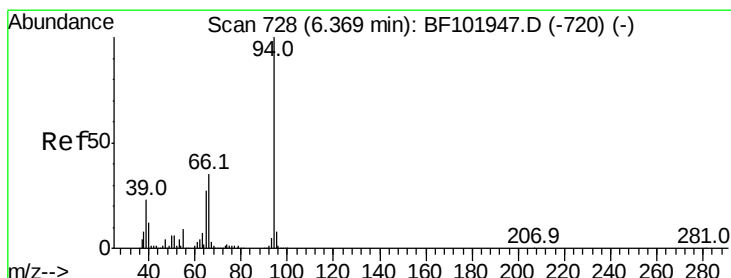
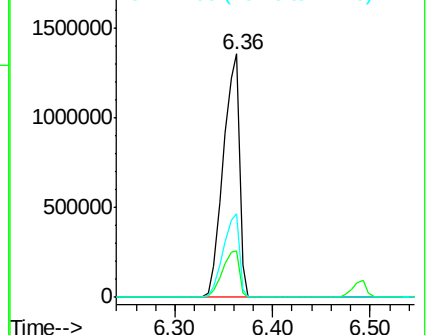
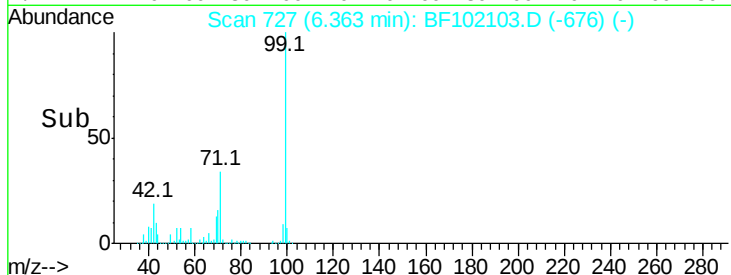
99 100

42 19.3 14.5 21.7

71 34.2 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: 2.918 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

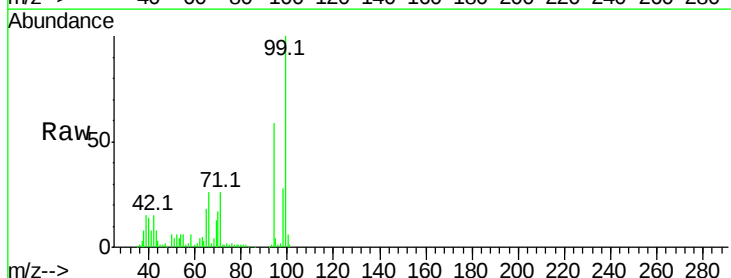
Tgt Ion: 94 Resp: 59219

Ion Ratio Lower Upper

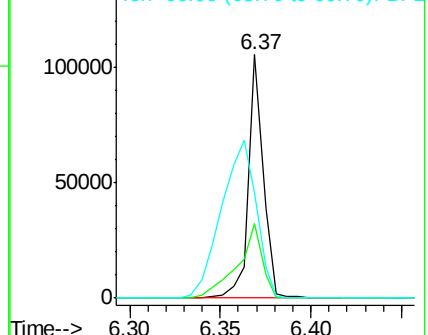
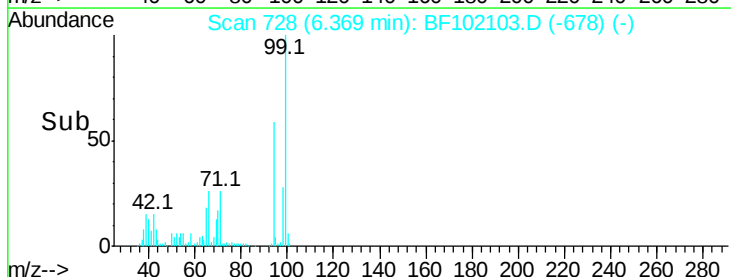
94 100

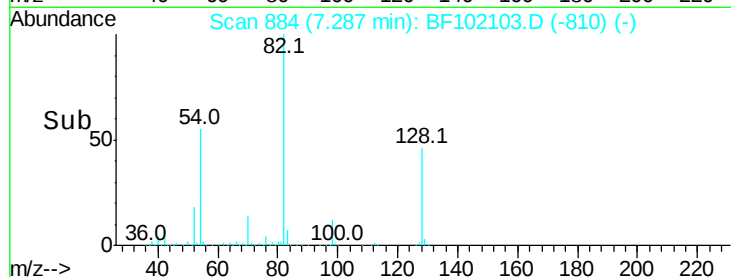
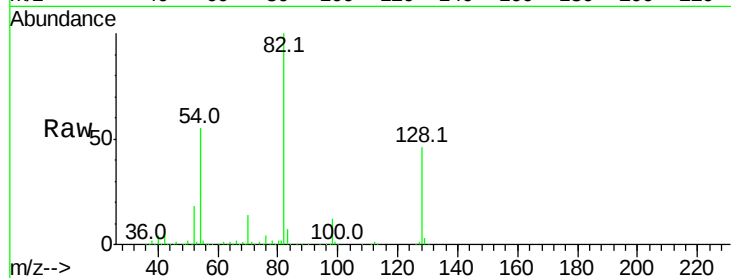
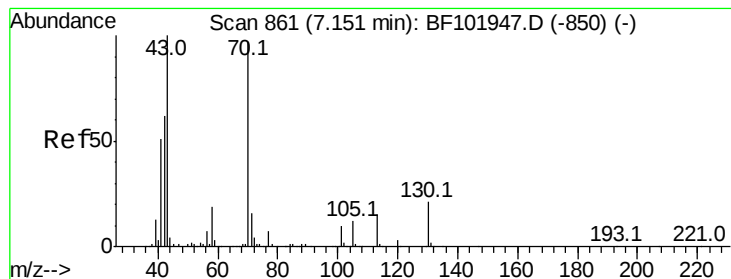
65 30.8 7.9 47.9

66 43.2 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: 11.436 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 134600

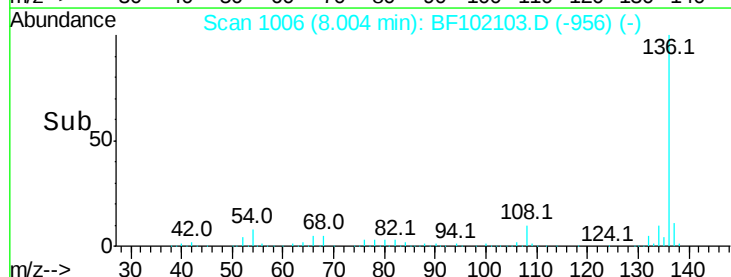
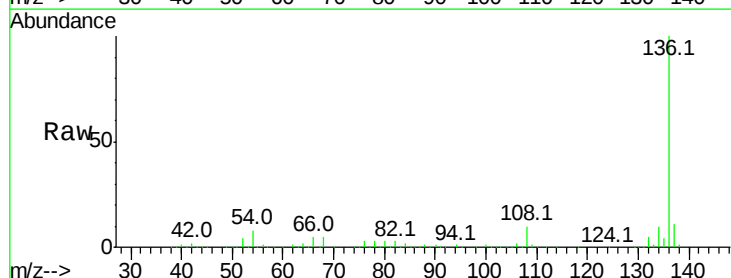
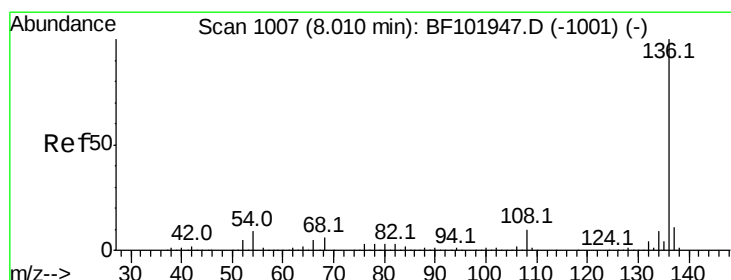
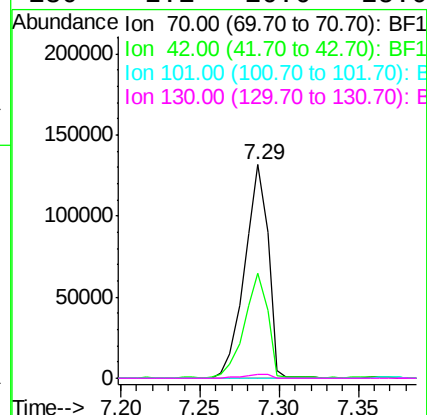
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Tgt Ion:136 Resp: 853229

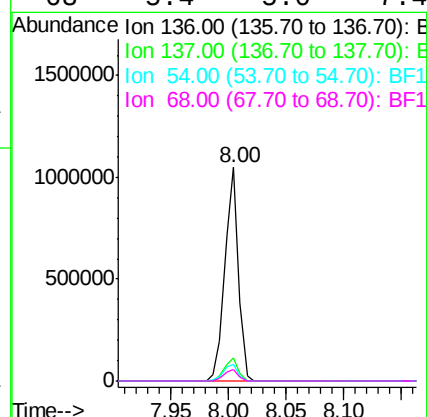
Ion Ratio Lower Upper

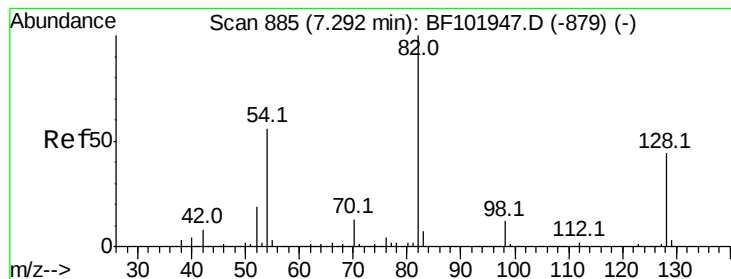
136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.079 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Instrument :

BNA_F

ClientSampleId :

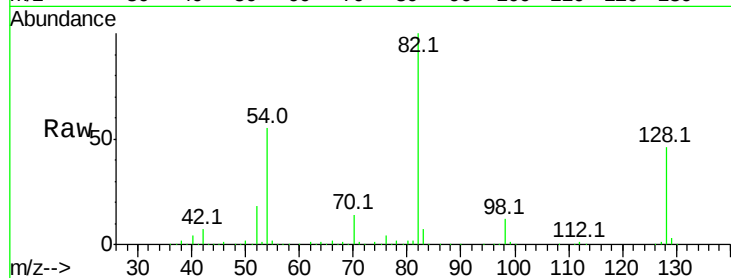
Tot Ion: 82 Resp: 1002994

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

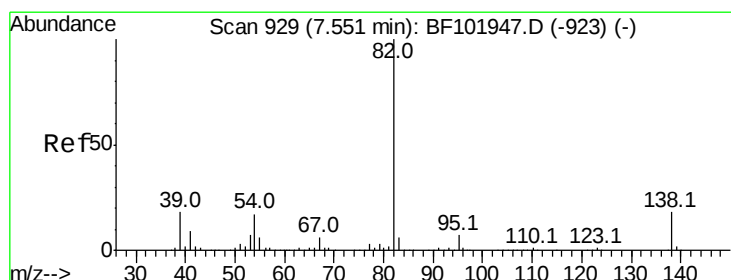
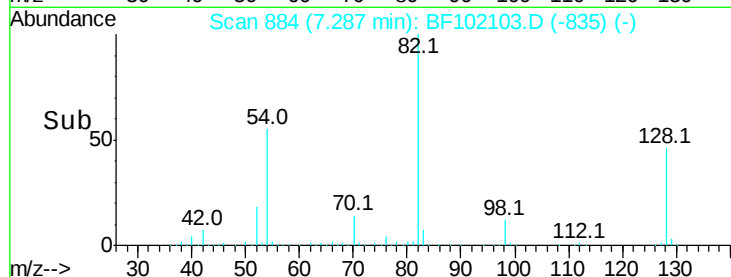
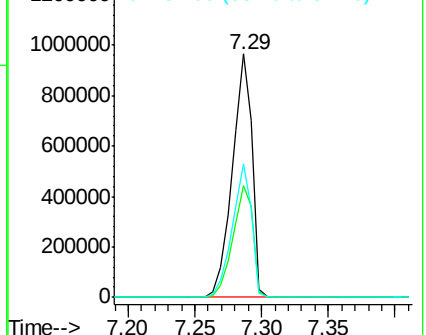
54 54.9 41.4 62.2



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: 34.832 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

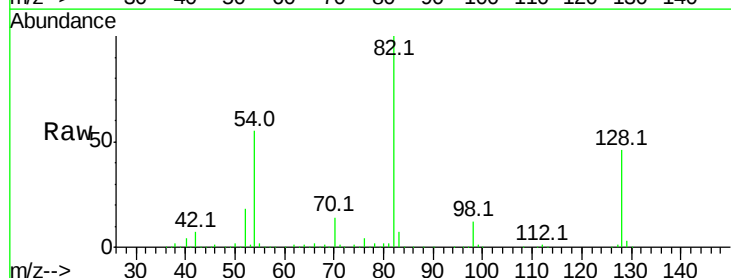
Tgt Ion: 82 Resp: 999299

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

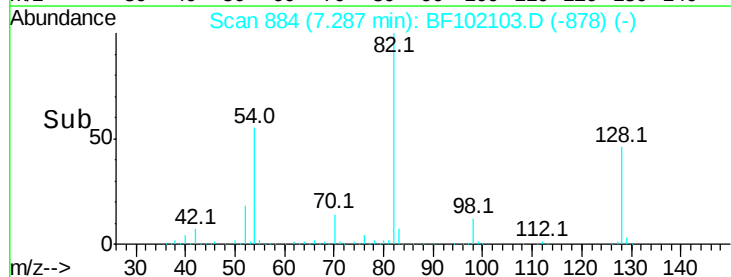
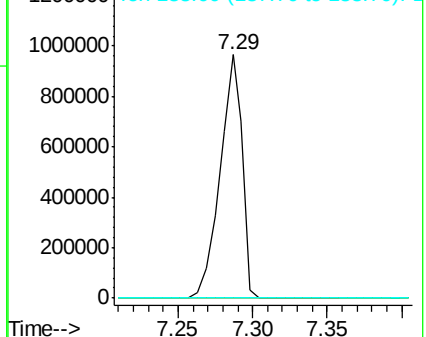
138 0.0 14.9 22.3#

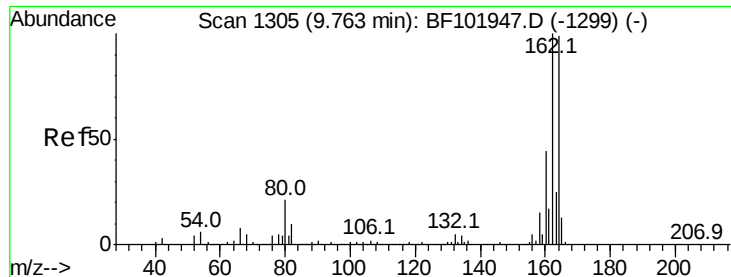


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

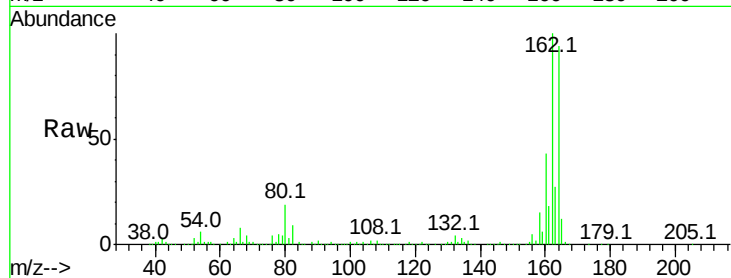
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 352827

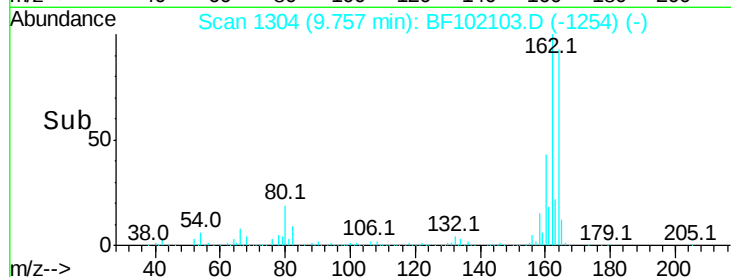
Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	46.1	38.3	57.5



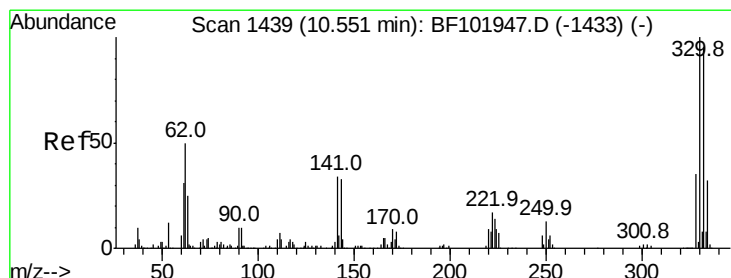
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 90.358 ng

RT: 10.55 min Scan# 1438

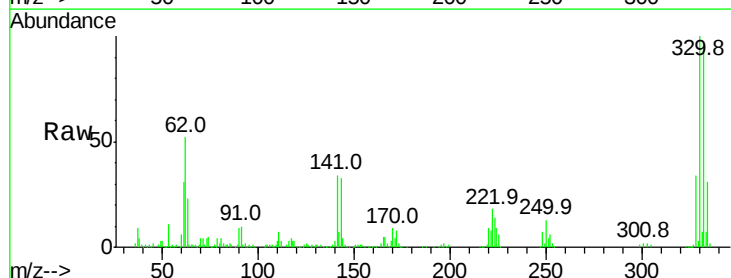
Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Tgt Ion:330 Resp: 278218

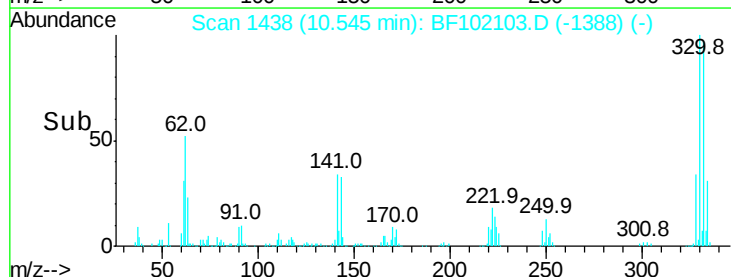
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.8	29.9	44.9



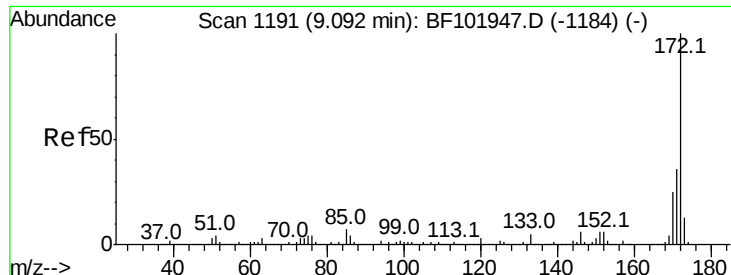
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



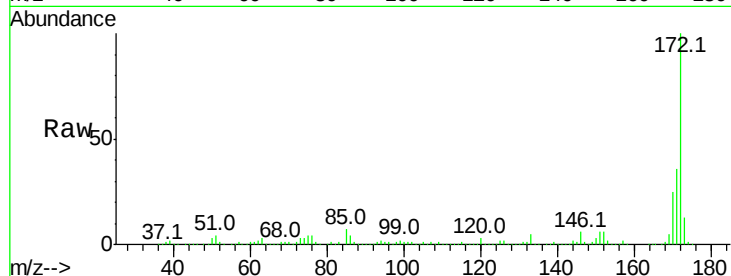
Time-->



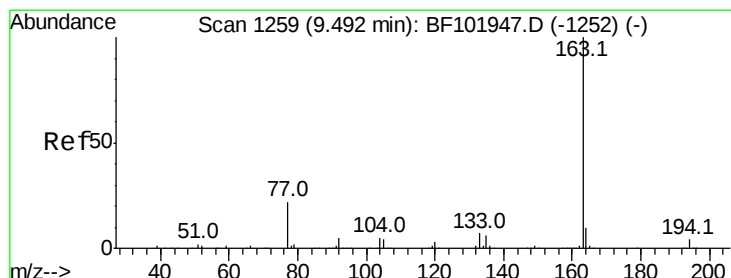
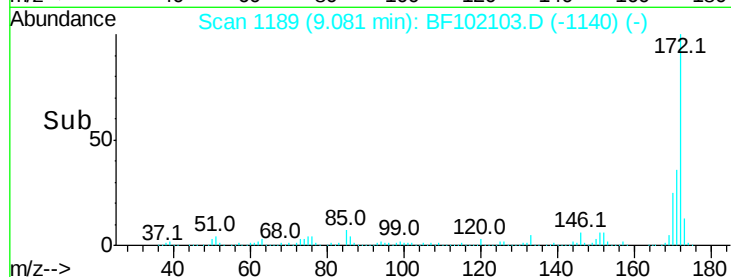
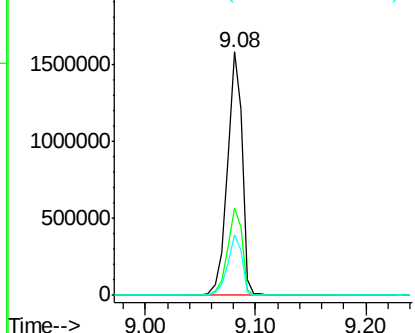
#44
2-Fluorobiphenyl
Concen: 65.823 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1486563
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.9 19.6 29.4

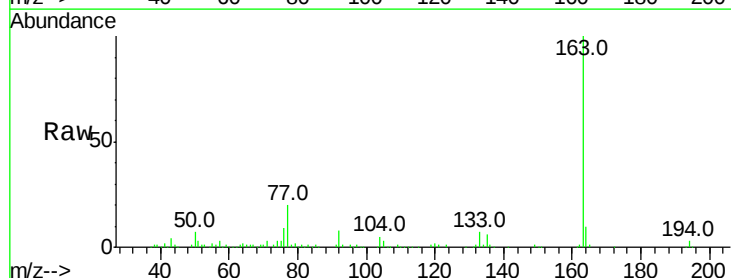


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

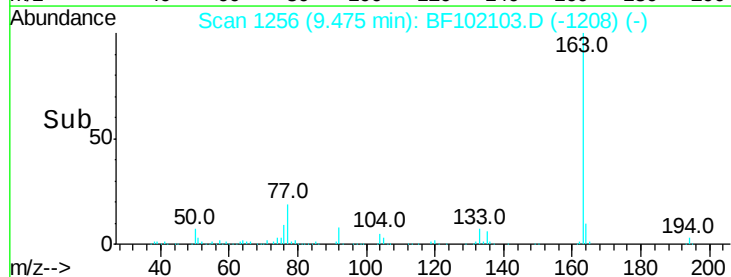
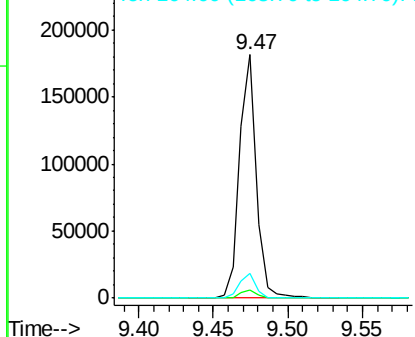


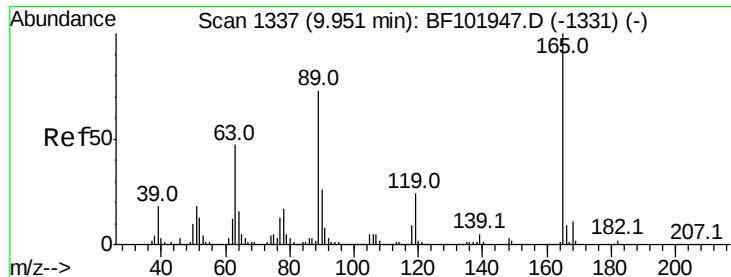
#49
Dimethylphthalate
Concen: 5.092 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion:163 Resp: 144120
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 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

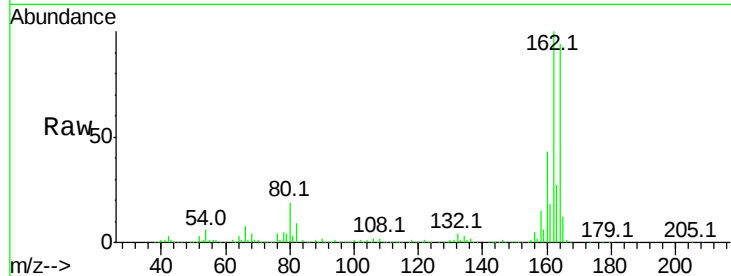




#56
2,4-Dinitrotoluene
Concen: 6.730 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

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



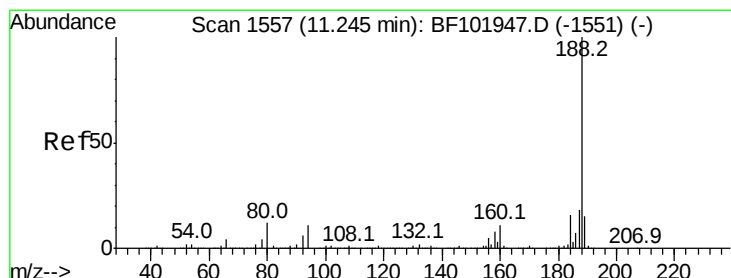
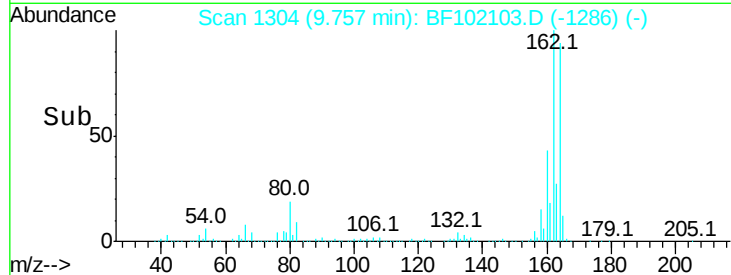
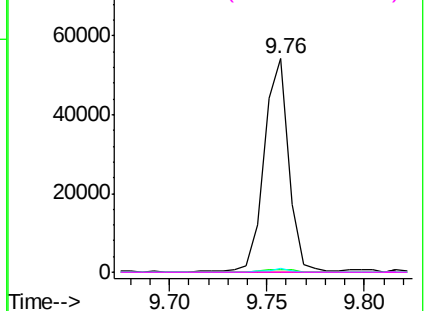
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

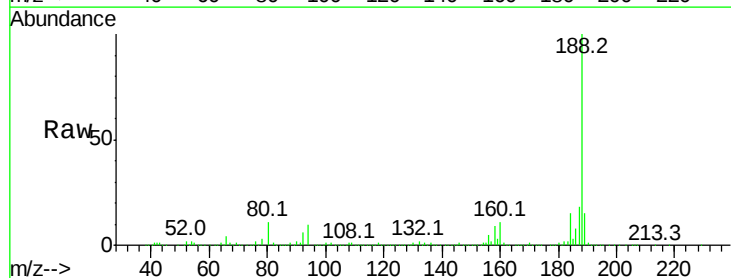
Ion 89.00 (88.70 to 89.70): BF1

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. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

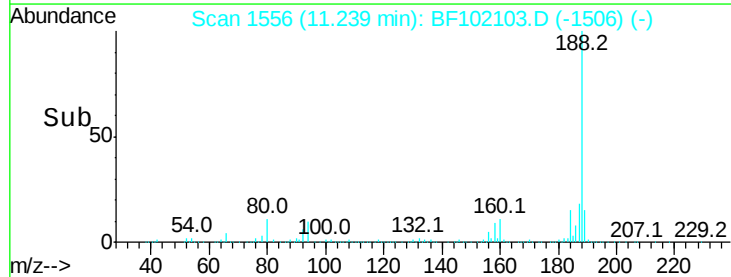
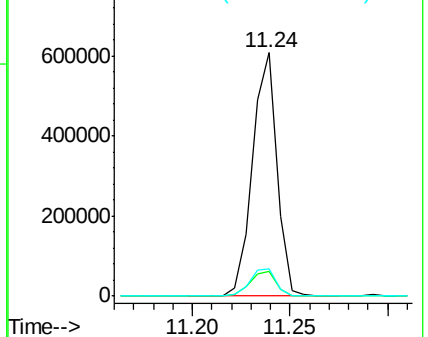


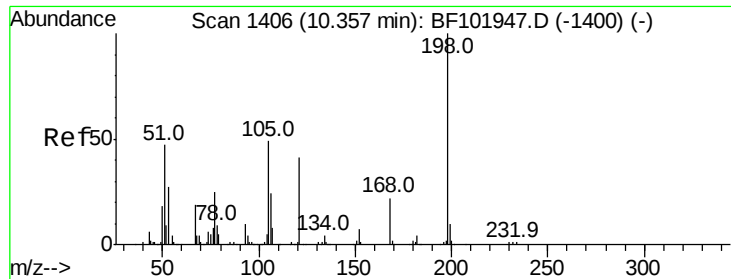
Abundance

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: 5.822 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Instrument :

BNA_F

ClientSampled :

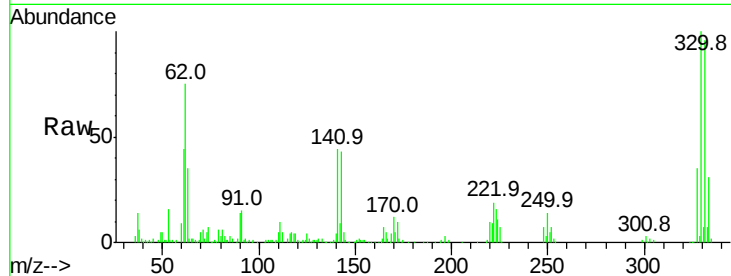
Tot Ion:198 Resp: 516

Ion Ratio Lower Upper

198 100

51 232.6 37.7 77.7#

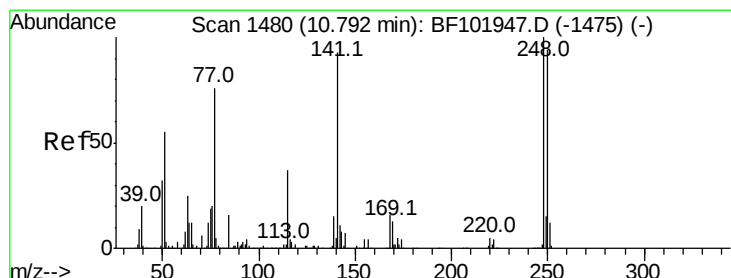
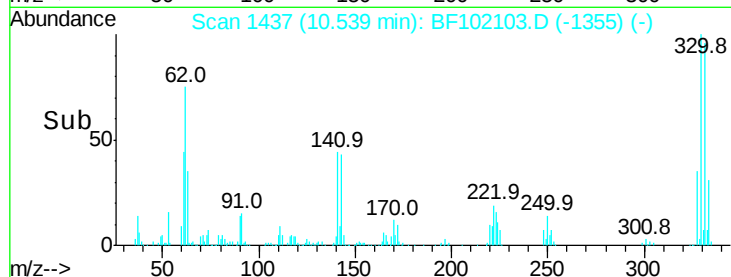
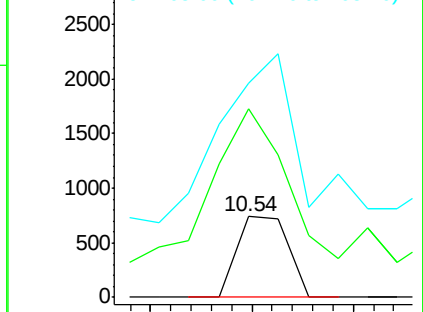
105 264.0 36.3 76.3#



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: 3.269 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.25 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

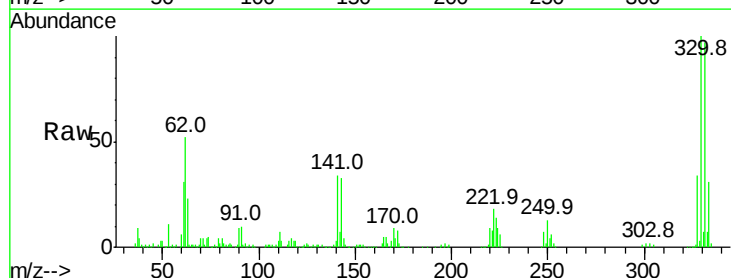
Tgt Ion:248 Resp: 18155

Ion Ratio Lower Upper

248 100

250 190.7 76.9 115.3#

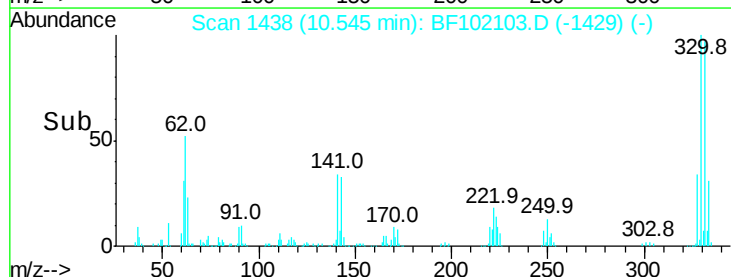
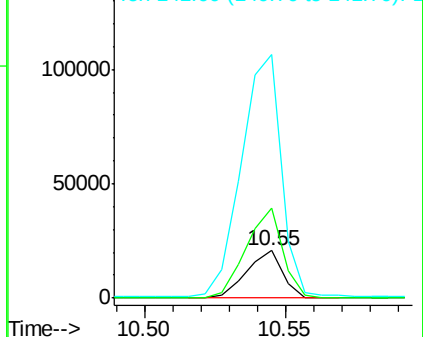
141 515.1 74.4 111.6#

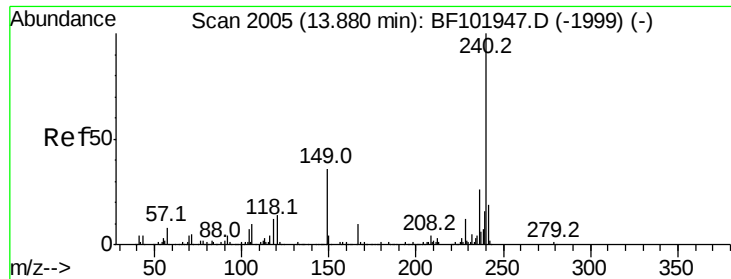


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2003

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

Instrument :

BNA_F

ClientSampleId :

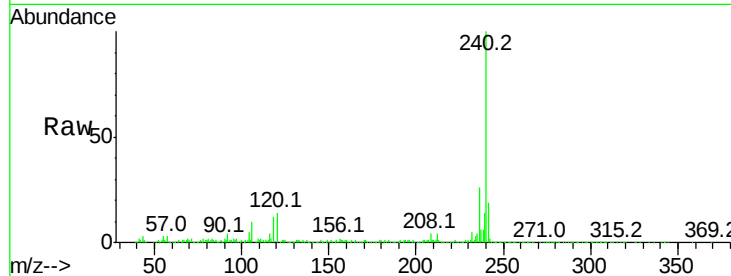
Tot Ion:240 Resp: 356898

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

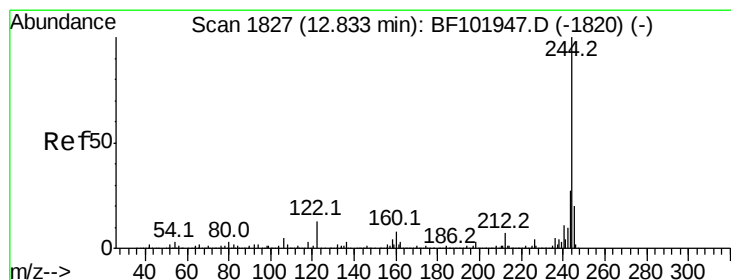
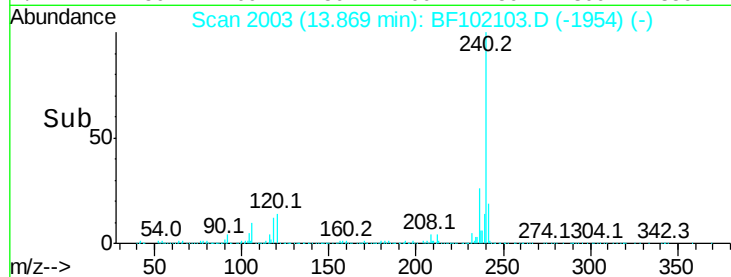
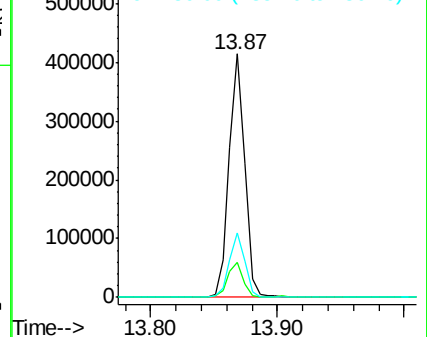
236 26.5 20.7 31.1



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: 58.677 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102103.D

Acq: 16 Jan 2018 12:27

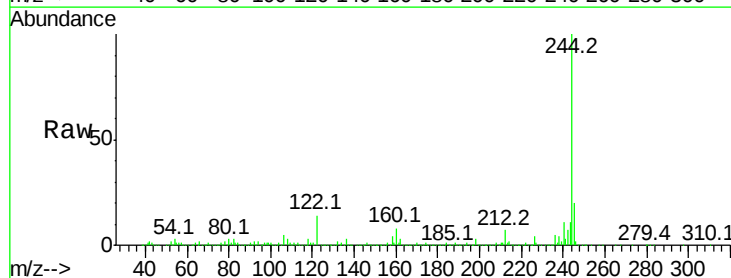
Tgt Ion:244 Resp: 1008625

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

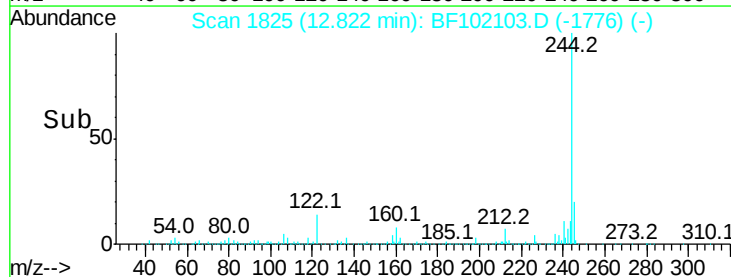
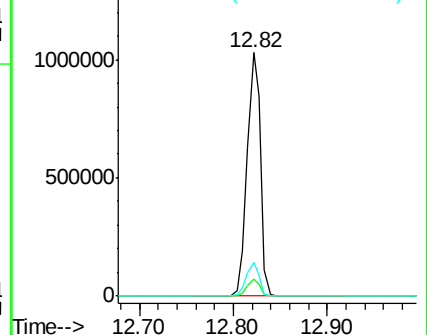
122 14.0 11.0 16.4

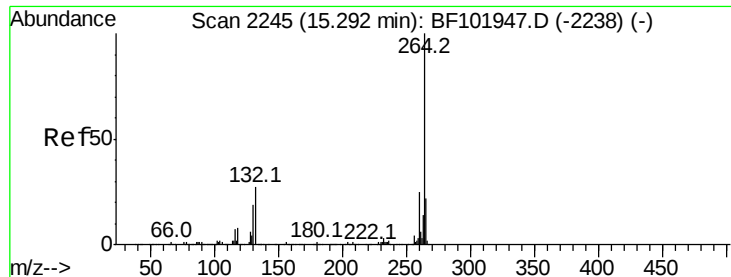


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

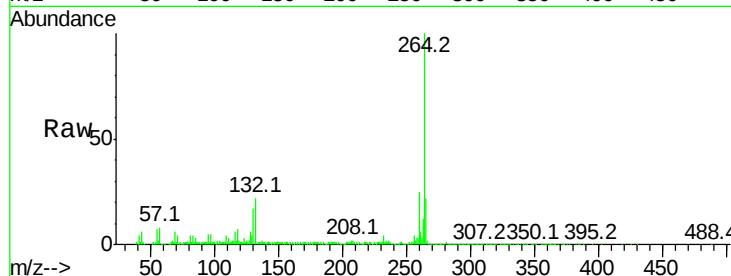




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102103.D
Acq: 16 Jan 2018 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.5	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

