

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102107.D
 Acq On : 16 Jan 2018 14:15
 Operator : SJ/JU
 Sample : J1114-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:31:50 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

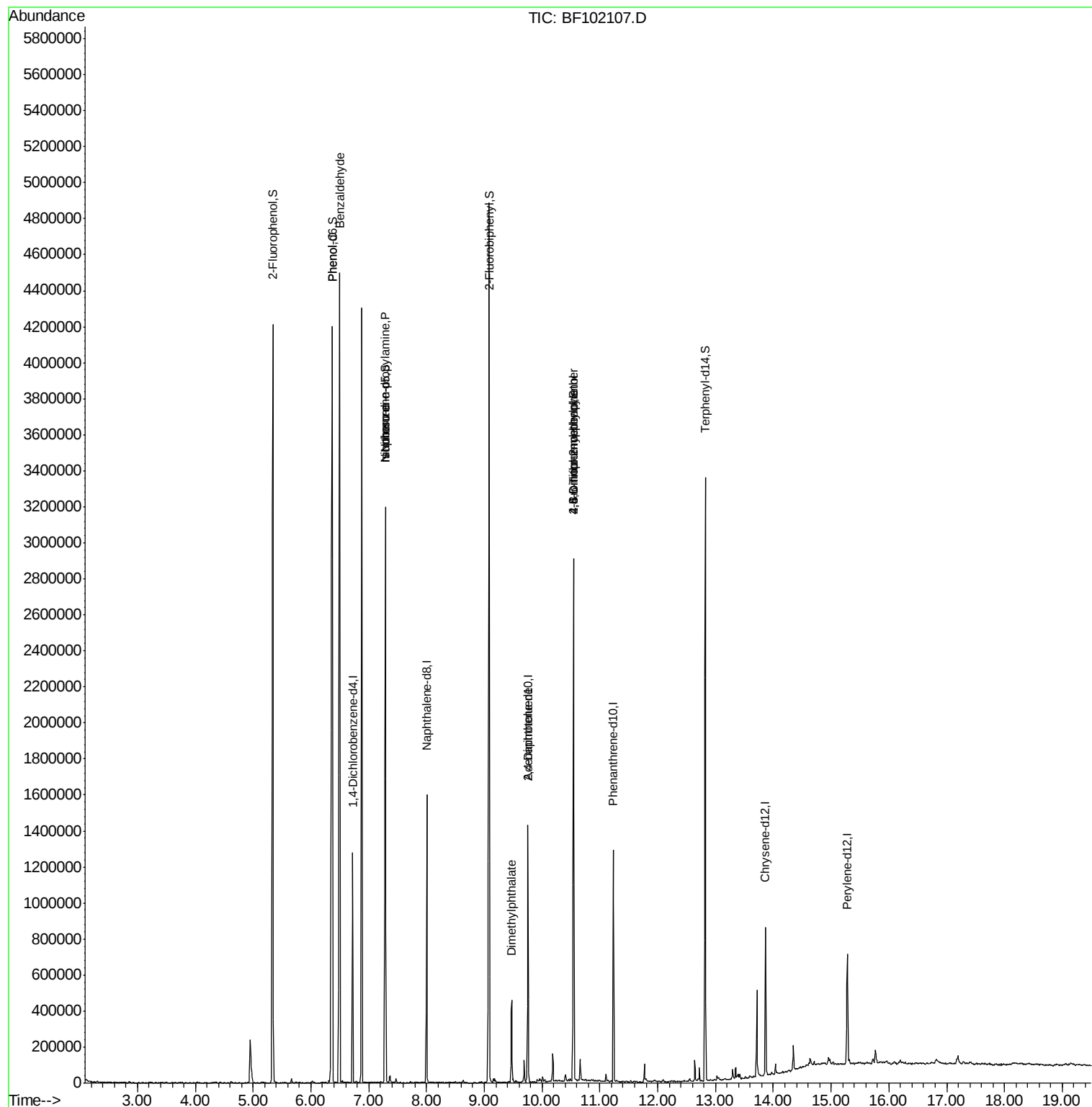
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172434	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	685860	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	285398	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	425867	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	286652	20.00	ng	-0.01
86) Perylene-d12	15.28	264	249388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1521728	124.62	ng	0.01
7) Phenol-d6	6.37	99	1806473	123.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	1167560	100.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	354259	142.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1801122	98.59	ng	-0.01
78) Terphenyl-d14	12.82	244	1259966	91.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	33833	3.344	ng	87
10) Phenol	6.37	94	54996	3.340	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	158178	16.567	ng	# 79
25) Isophorone	7.29	82	1164455	50.493	ng	# 64
49) Dimethylphthalate	9.47	163	176414	7.705	ng	98
56) 2,4-Dinitrotoluene	9.75	165	36092	6.297	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	772	5.957	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	22782	5.066	ng	# 1

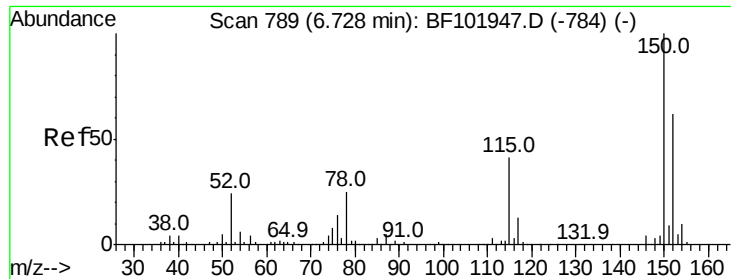
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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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



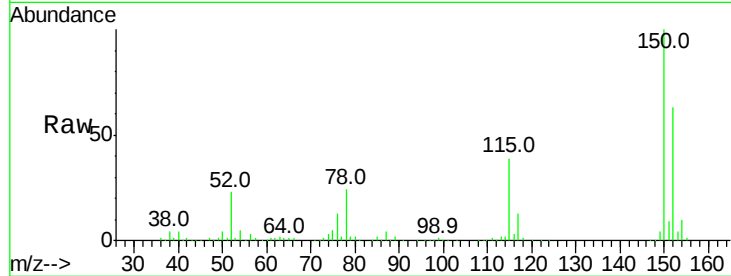


#1

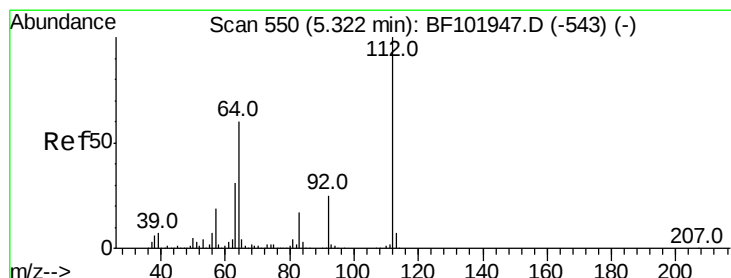
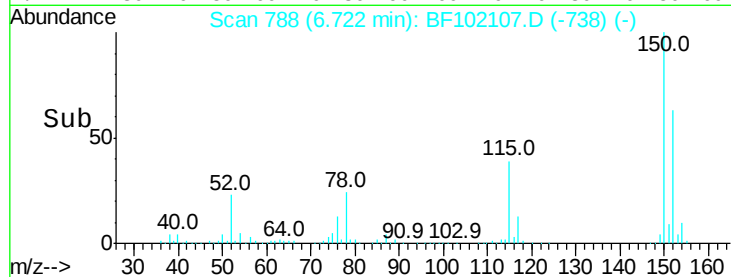
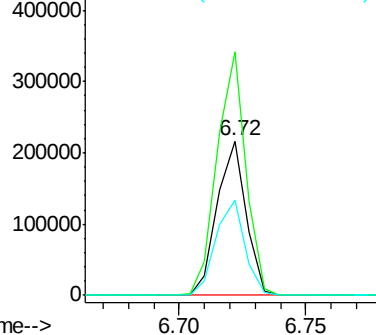
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172434
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.5 50.1 75.1



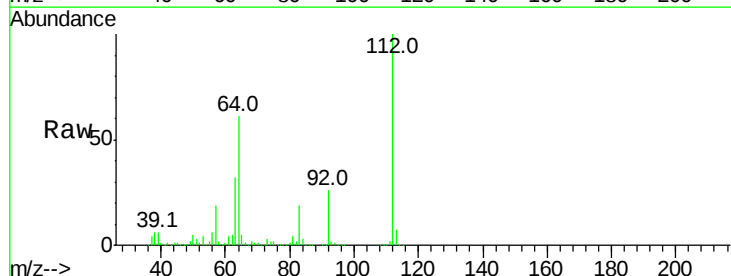
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



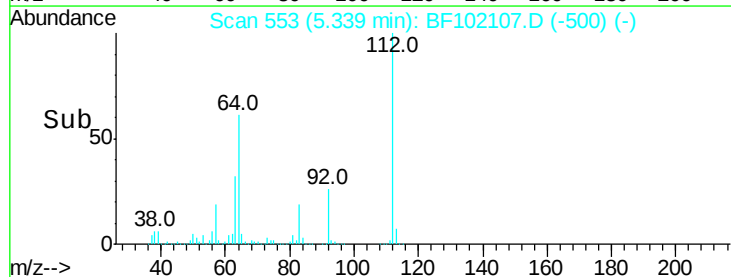
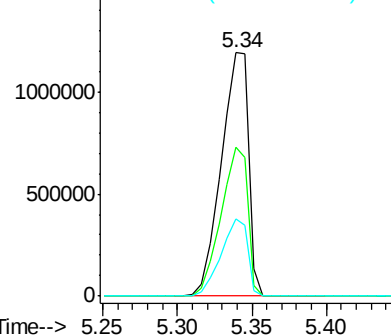
#5

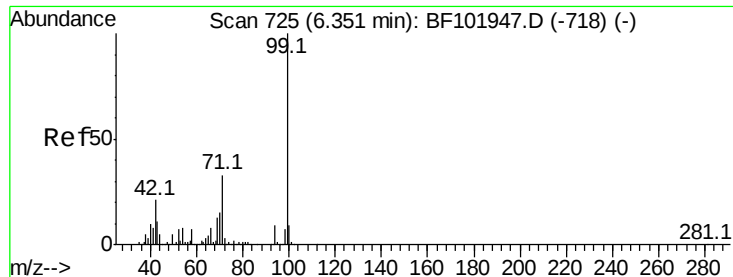
2-Fluorophenol
Concen: 124.616 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion:112 Resp: 1521728
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.7 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: 123.991 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

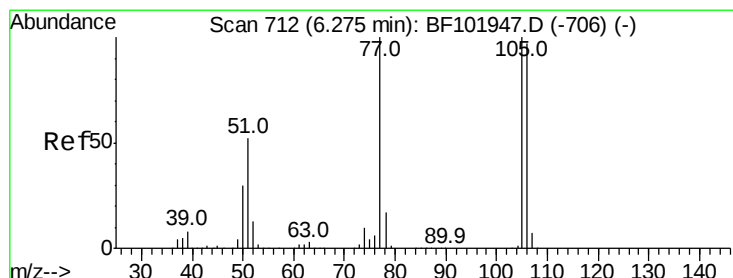
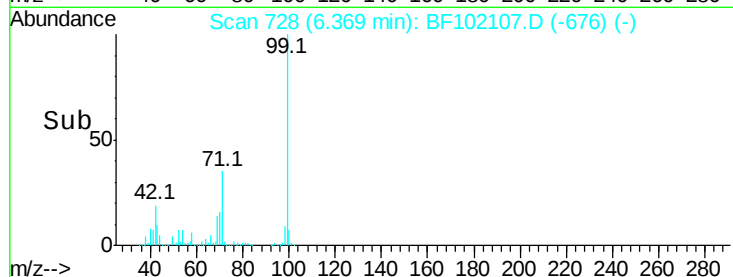
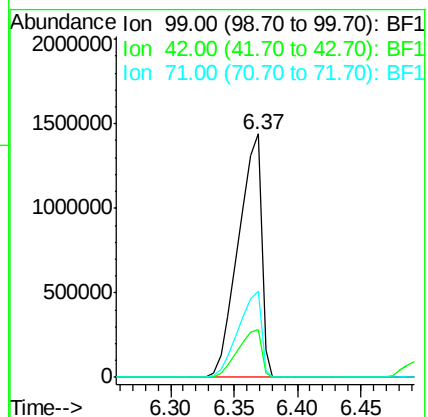
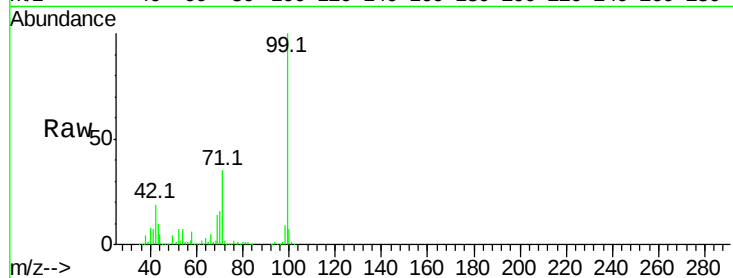
Tot Ion: 99 Resp: 1806473

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.4 25.4 38.0



#9

Benzaldehyde

Concen: 3.344 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

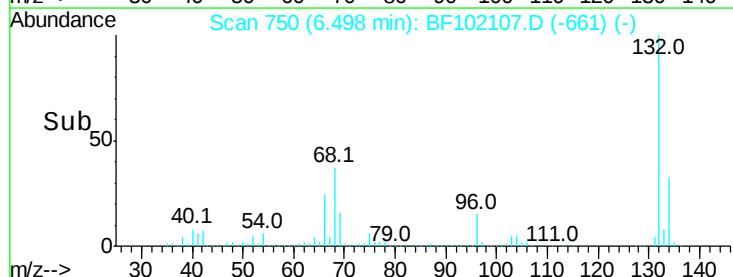
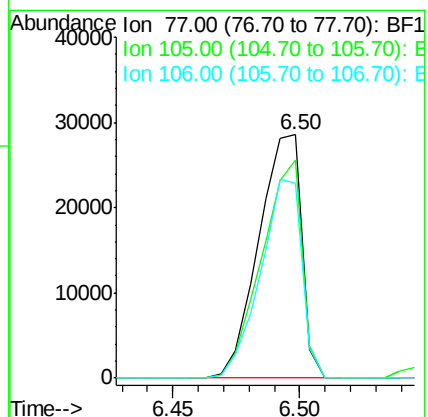
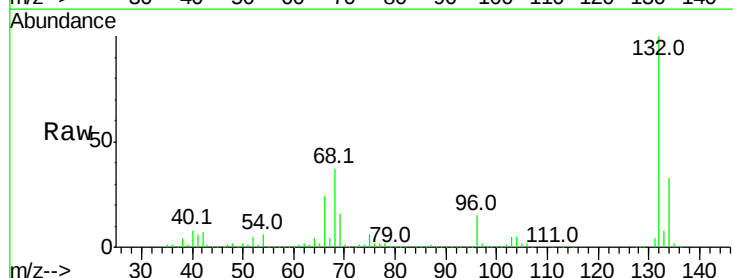
Tgt Ion: 77 Resp: 33833

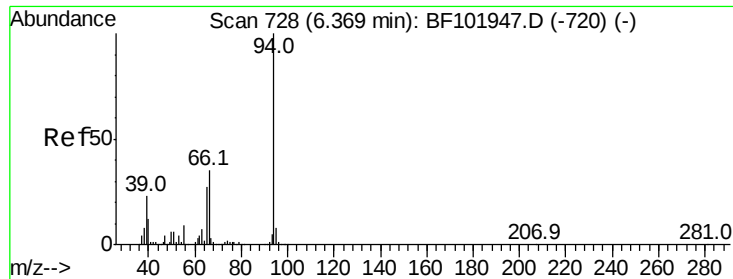
Ion Ratio Lower Upper

77 100

105 89.7 81.1 121.1

106 80.2 74.5 114.5





#10

Phenol

Concen: 3.340 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampled :

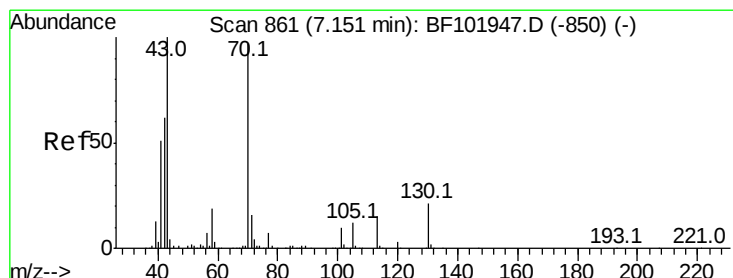
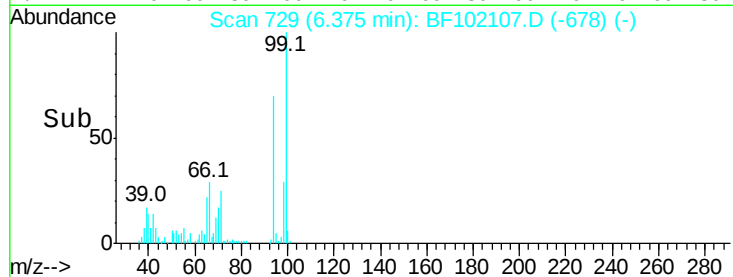
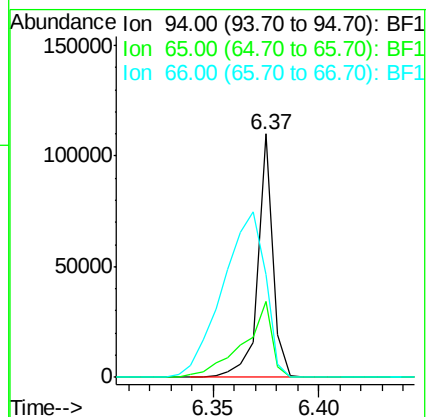
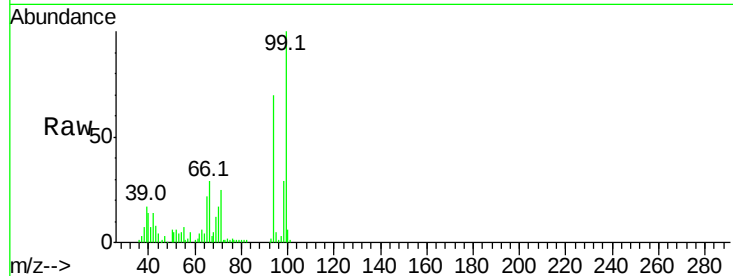
Tot Ion: 94 Resp: 54996

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 42.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.567 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Tgt Ion: 70 Resp: 158178

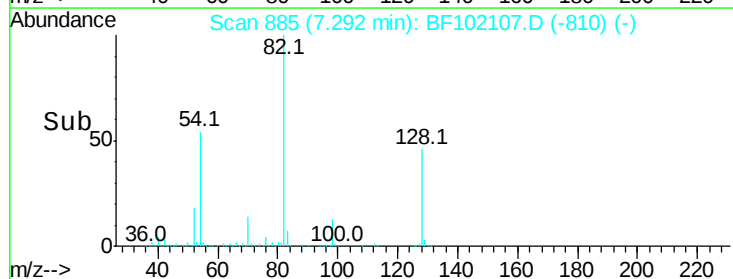
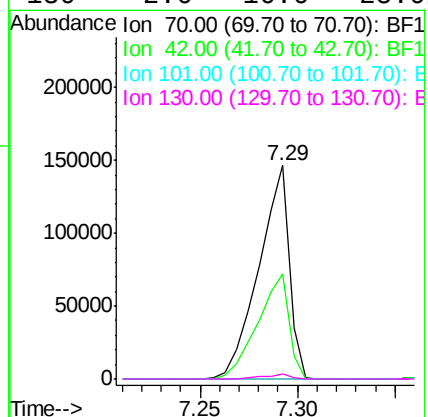
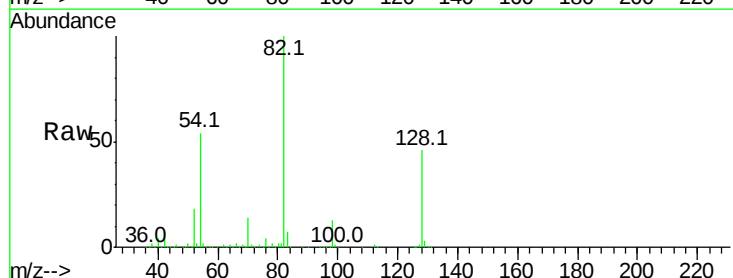
Ion Ratio Lower Upper

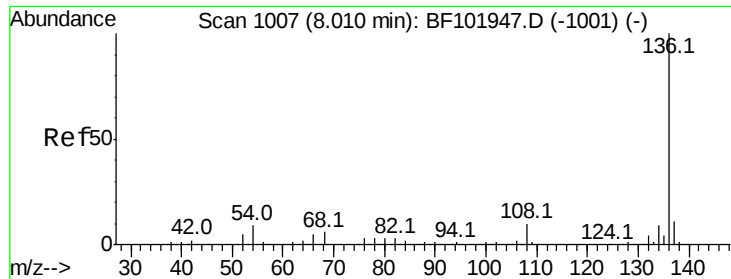
70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

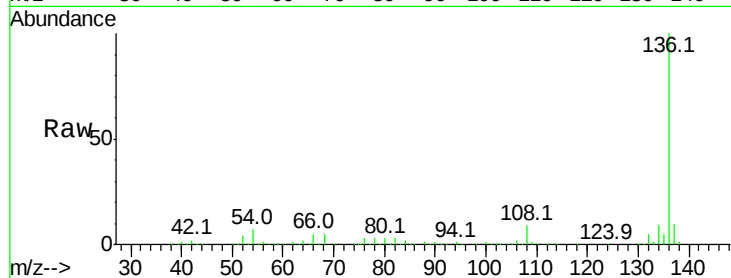




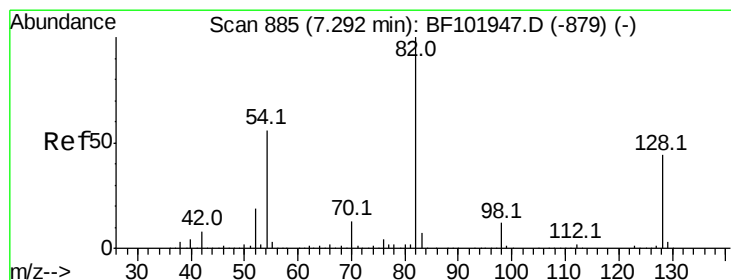
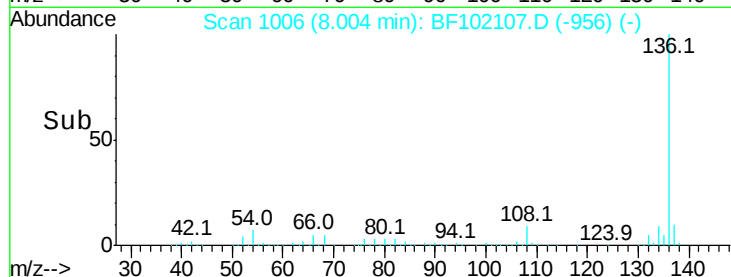
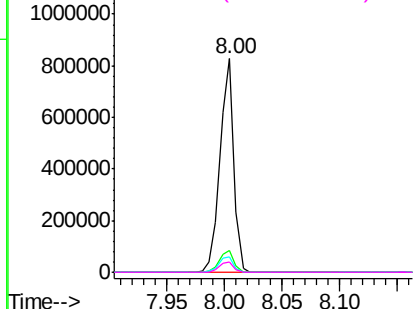
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	685860
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.4	6.6	9.8
68	5.0	5.0	7.4

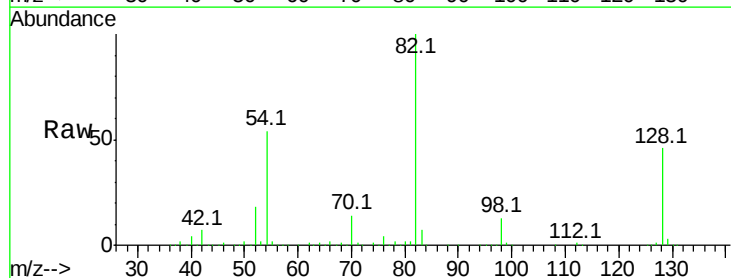


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

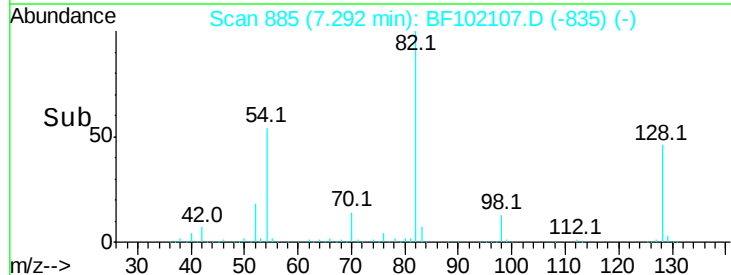
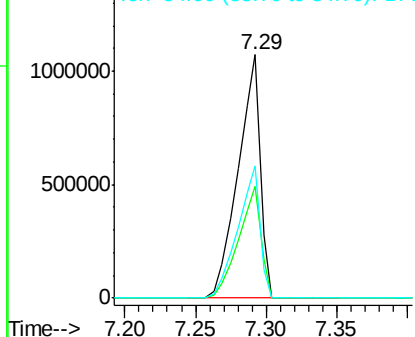


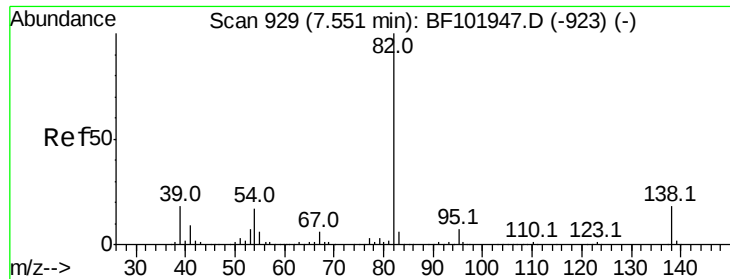
#23
Nitrobenzene-d5
Concen: 100.036 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion:	82	Resp:	1167560
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.3	41.4	62.2



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





#25

Isophorone

Concen: 50.493 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

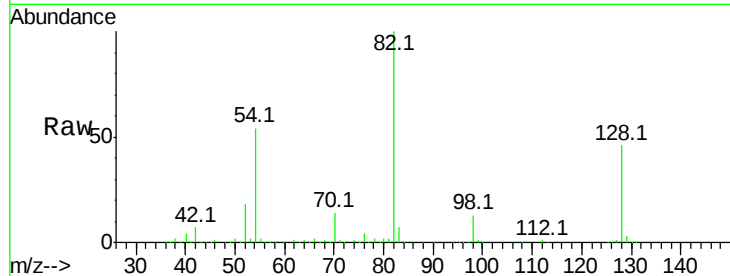
Tot Ion: 82 Resp: 1164455

Ion Ratio Lower Upper

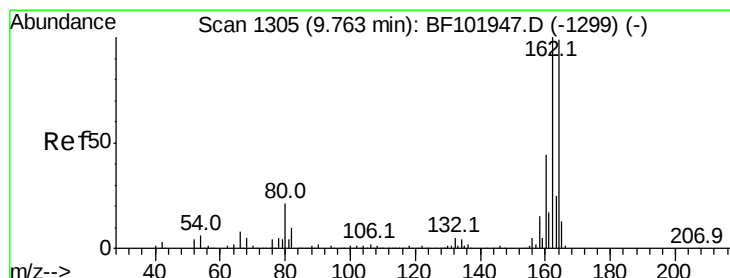
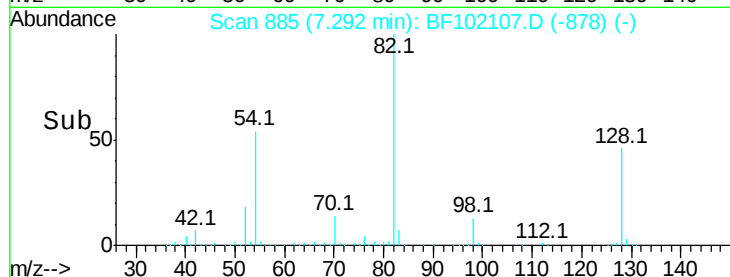
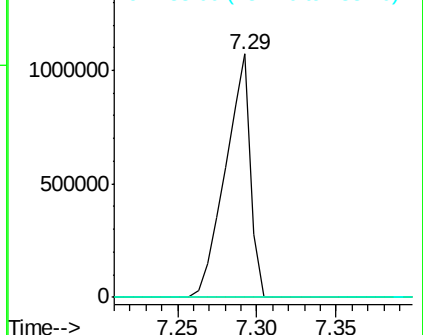
82 100

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: BF102107.D

Acq: 16 Jan 2018 14:15

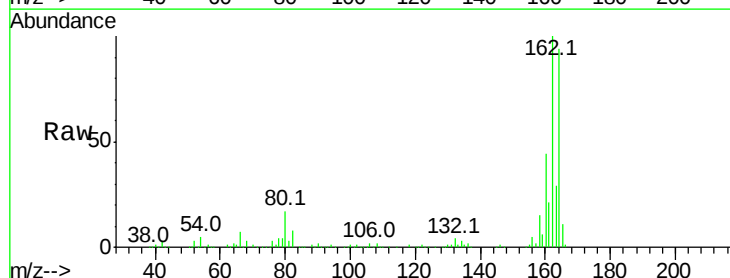
Tgt Ion:164 Resp: 285398

Ion Ratio Lower Upper

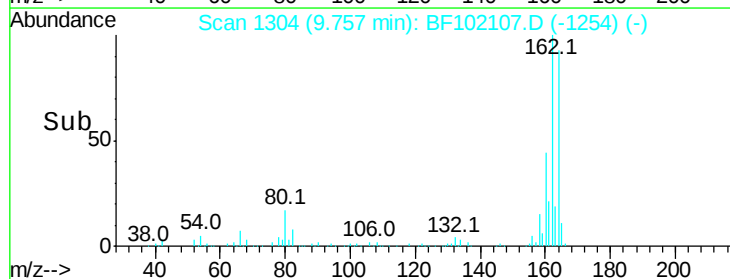
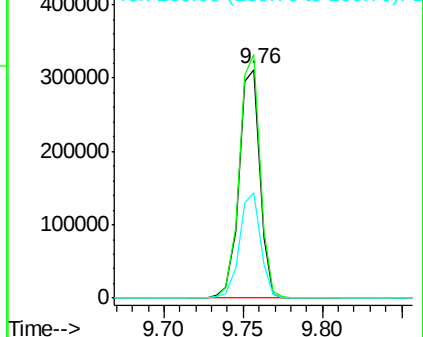
164 100

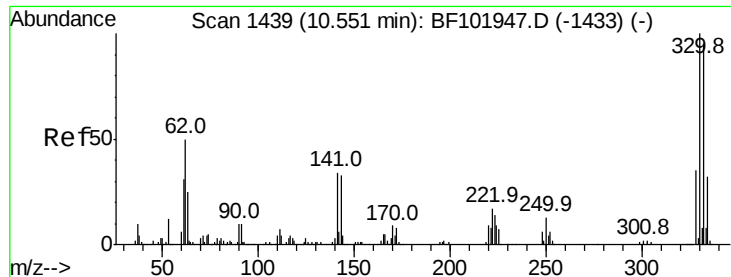
162 106.6 86.1 129.1

160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

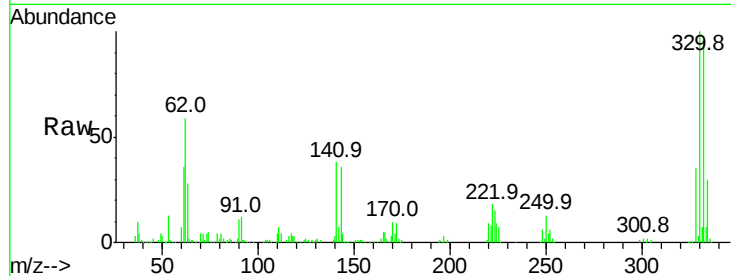




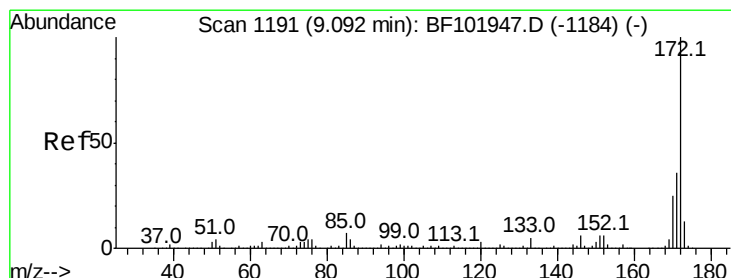
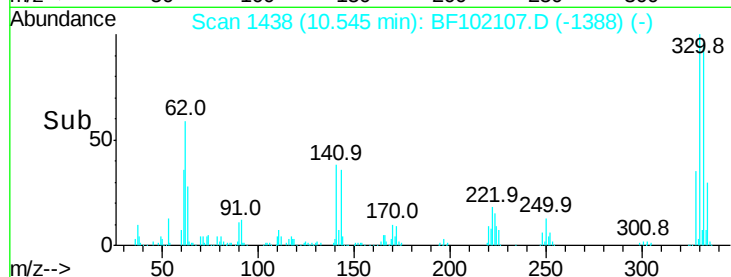
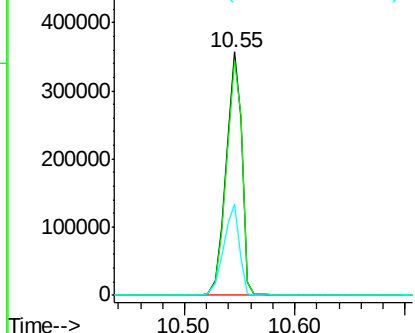
#41
 2,4,6-Tribromophenol
 Concen: 142.237 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.6	29.9	44.9

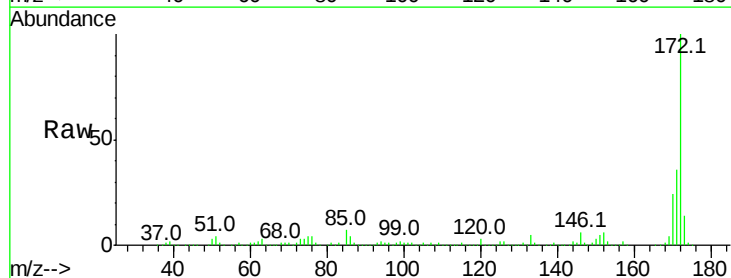


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

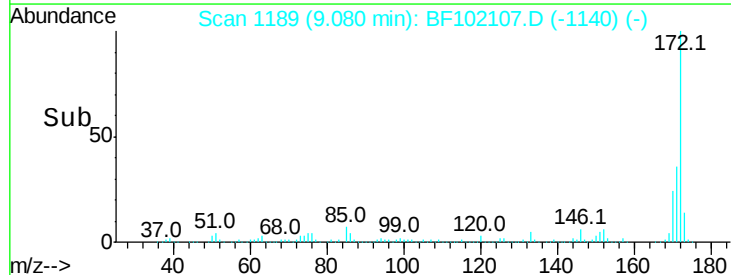
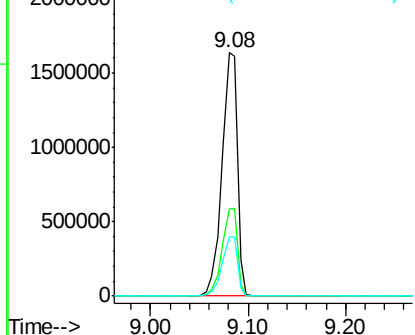


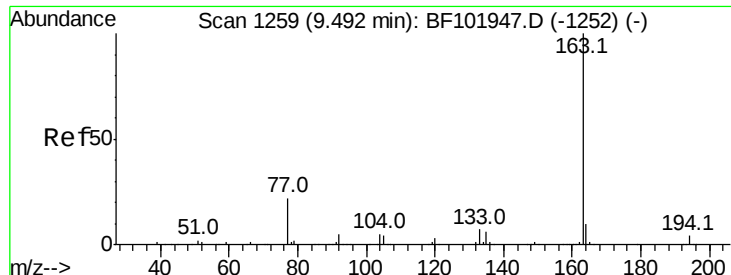
#44
 2-Fluorobiphenyl
 Concen: 98.594 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	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

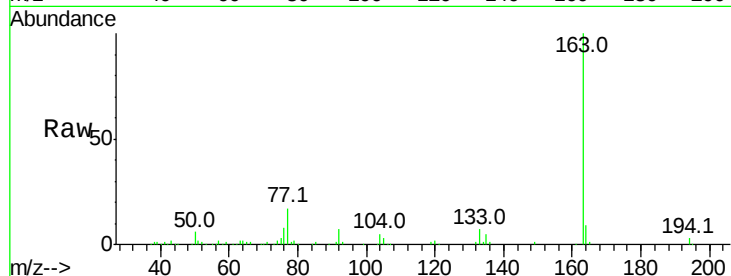




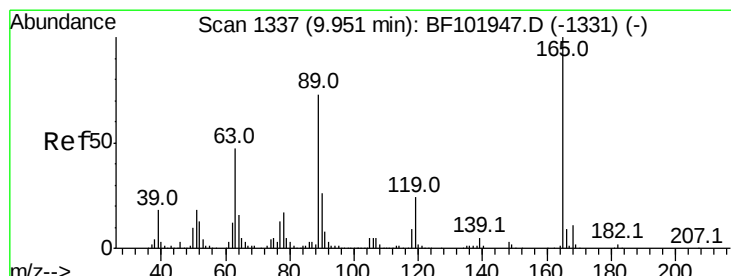
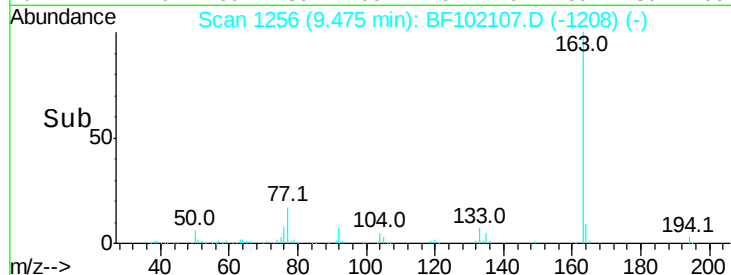
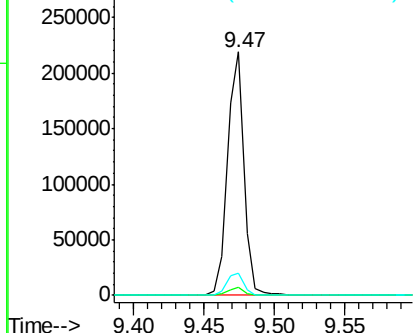
#49
 Dimethylphthalate
 Concen: 7.705 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	163	Resp:	176414
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.2	8.2	12.2

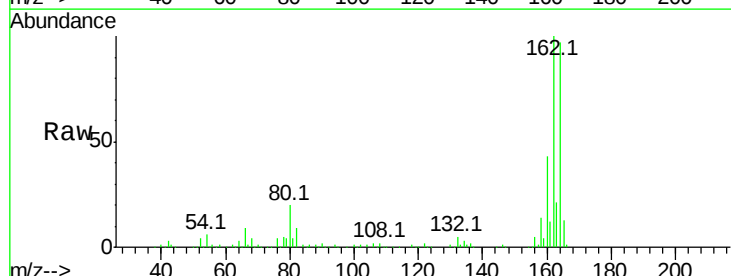


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

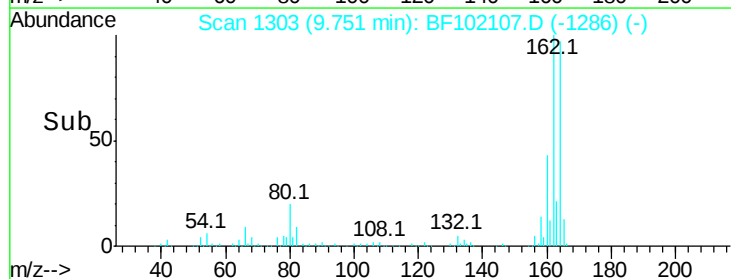
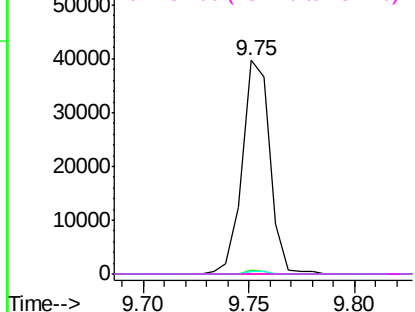


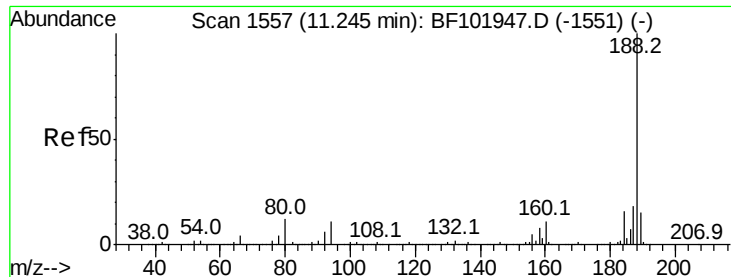
#56
 2,4-Dinitrotoluene
 Concen: 6.297 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Tgt Ion:	165	Resp:	36092
Ion	Ratio	Lower	Upper
165	100		
63	1.7	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

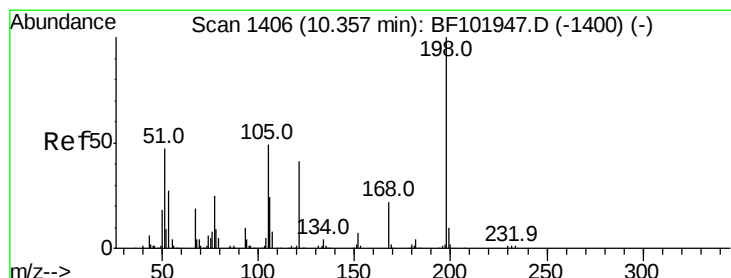
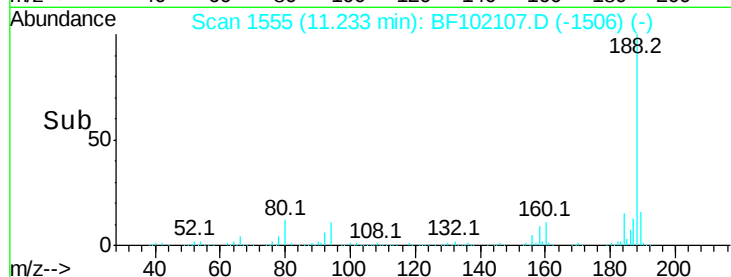
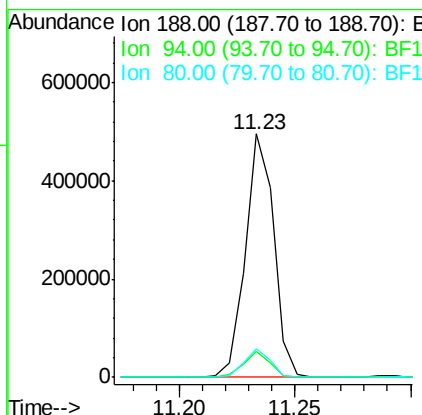
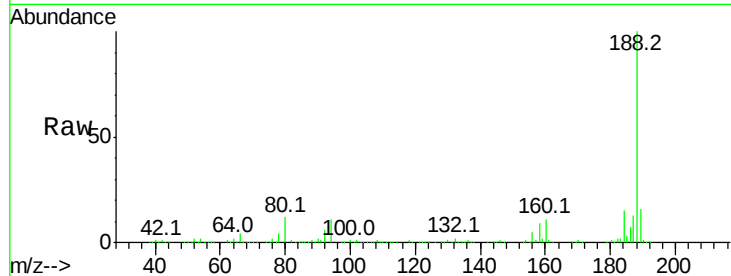




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

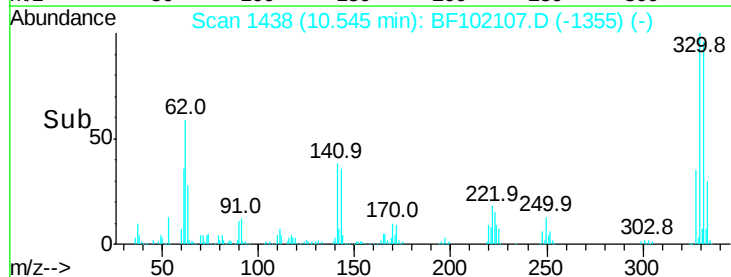
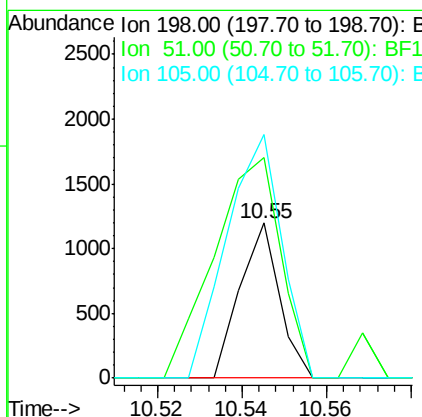
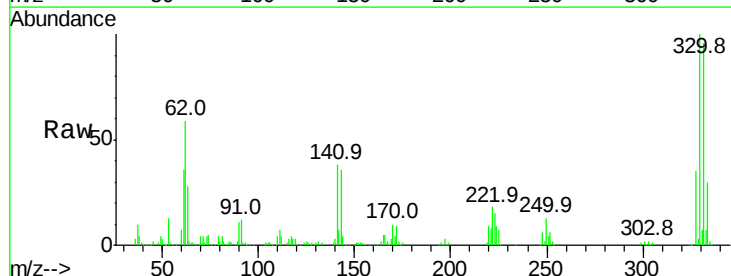
Instrument :
BNA_F
ClientSampleId :

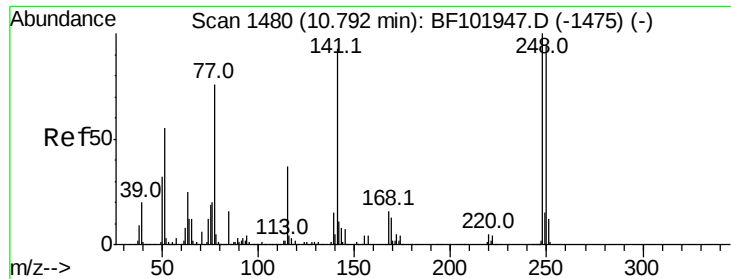
Tot Ion:188 Resp: 425867
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.957 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion:198 Resp: 772
Ion Ratio Lower Upper
198 100
51 142.7 37.7 77.7#
105 157.1 36.3 76.3#

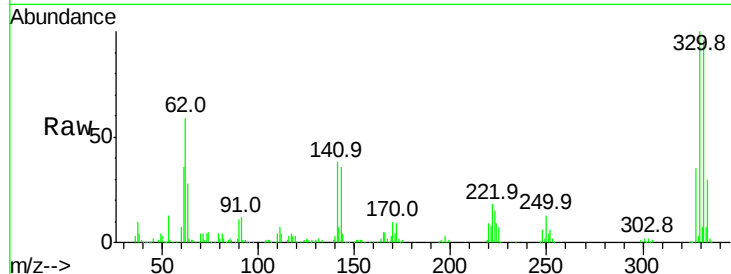




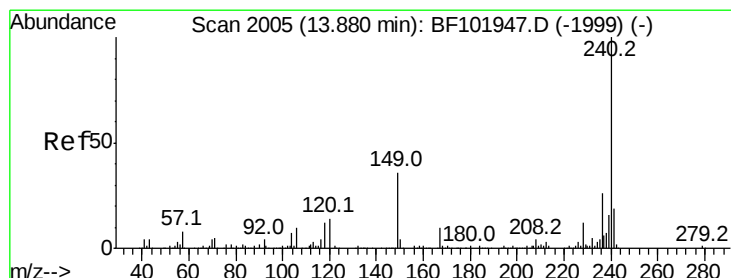
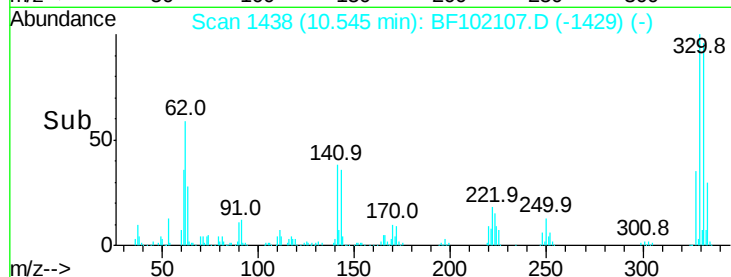
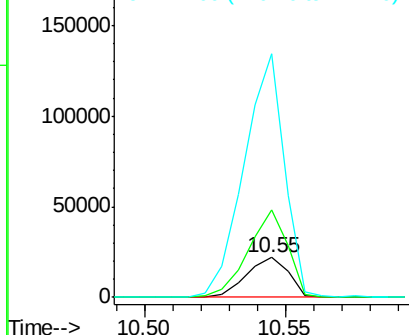
#66
 4-Bromophenyl-phenylether
 Concen: 5.066 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 22782
 Ion Ratio Lower Upper
 248 100
 250 218.1 76.9 115.3#
 141 608.3 74.4 111.6#

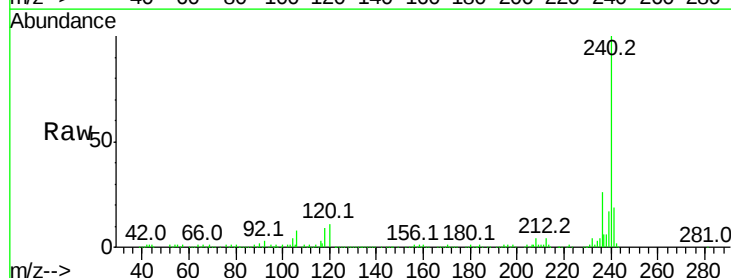


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

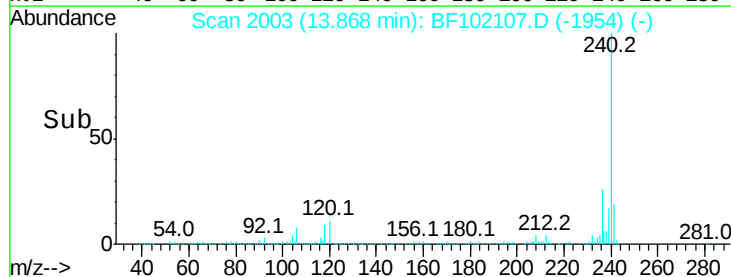
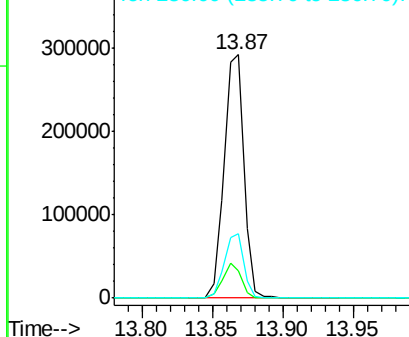


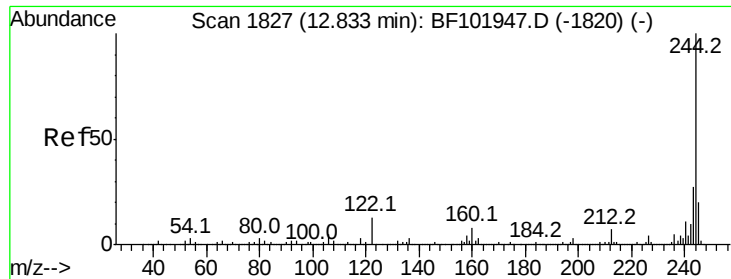
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Tgt Ion:240 Resp: 286652
 Ion Ratio Lower Upper
 240 100
 120 11.4 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

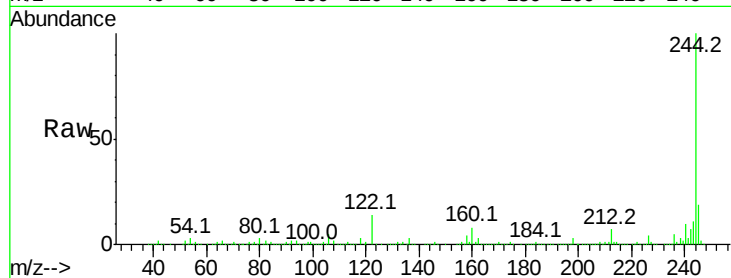




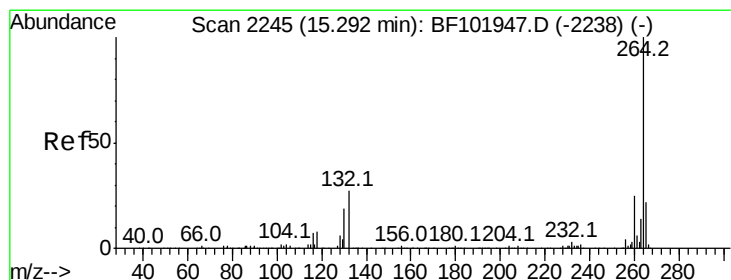
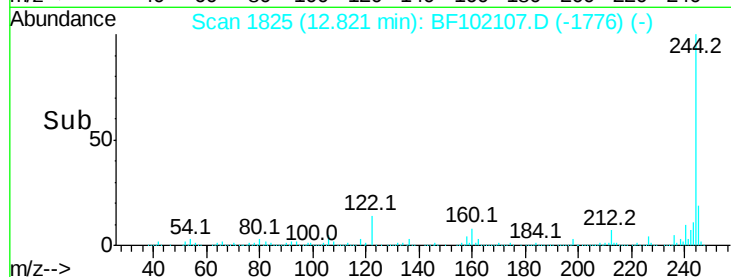
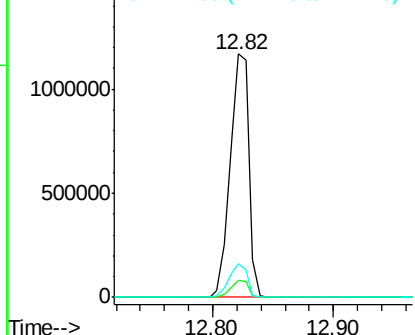
#78
 Terphenyl-d14
 Concen: 91.261 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1259966
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.8 11.0 16.4

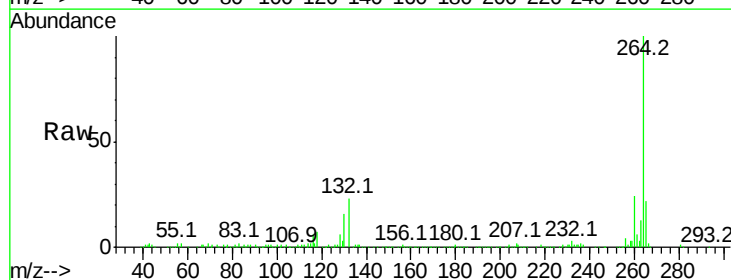


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102107.D
 Acq: 16 Jan 2018 14:15

Tgt Ion:264 Resp: 249388
 Ion Ratio Lower Upper
 264 100
 260 24.0 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

