

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102083.D
 Acq On : 16 Jan 2018 00:27
 Operator : SJ/JU
 Sample : J1122-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:08:47 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

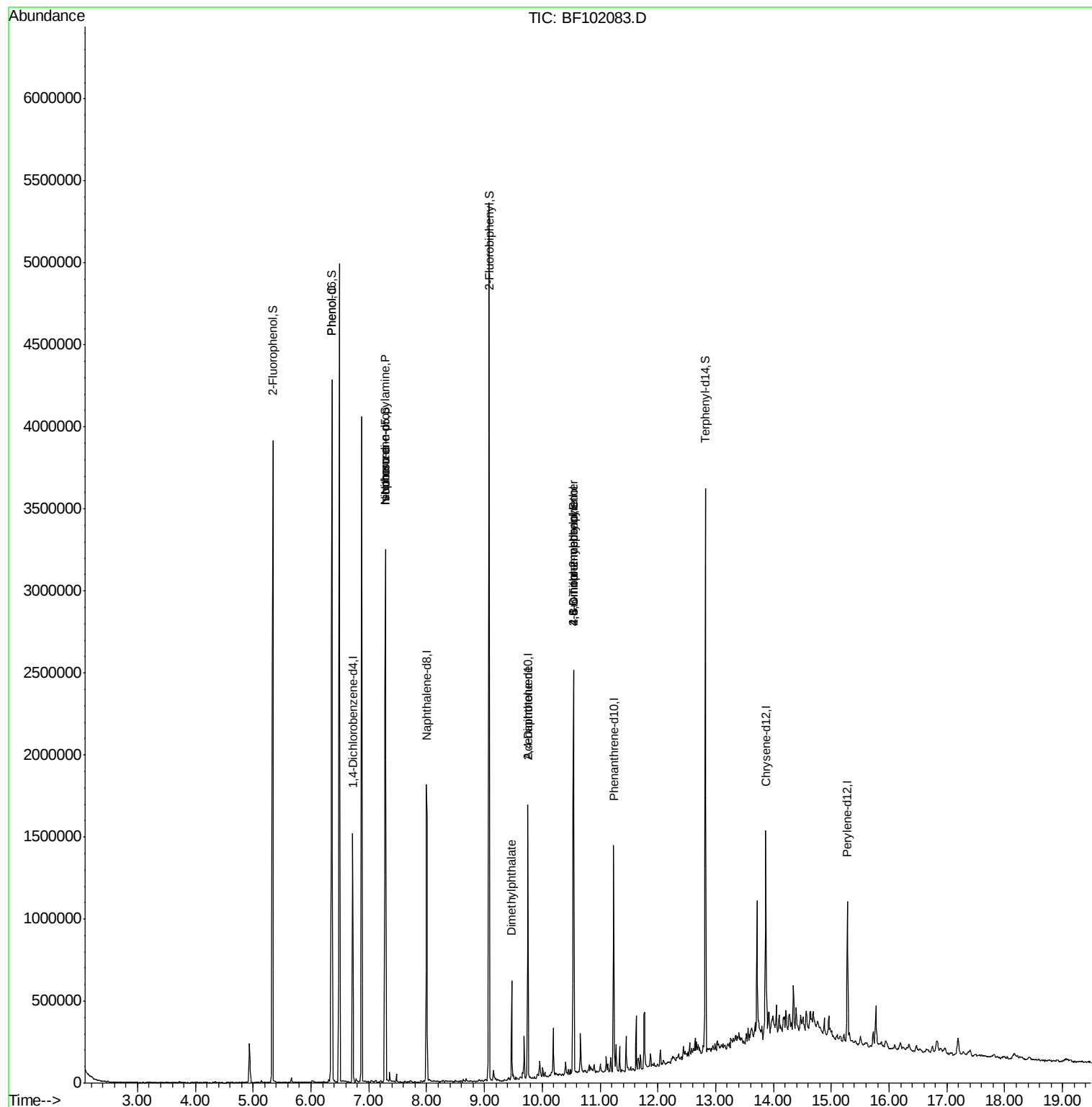
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	208904	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	810323	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	317401	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	432255	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	366956	20.00	ng	-0.02
86) Perylene-d12	15.28	264	359414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1296298	87.62	ng	0.01
7) Phenol-d6	6.36	99	1706033	96.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	1130767	82.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	273589	98.77	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1742800	85.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1125512	63.68	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	64338	3.225	ng	78
19) n-Nitroso-di-n-propylamine	7.29	70	151878	13.130	ng	# 78
25) Isophorone	7.29	82	1130926	41.507	ng	# 64
49) Dimethylphthalate	9.47	163	212355	8.340	ng	100
56) 2,4-Dinitrotoluene	9.75	165	39531	6.201	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	551	5.869	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	18480	4.048	ng	# 1

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

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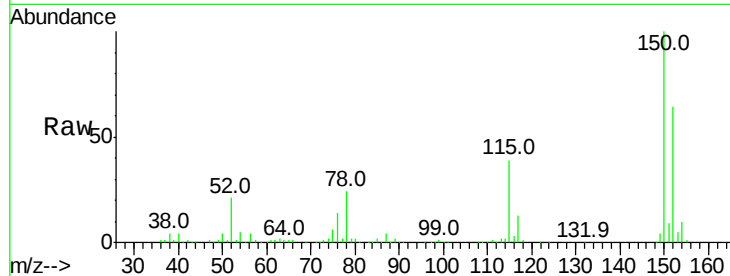


#1

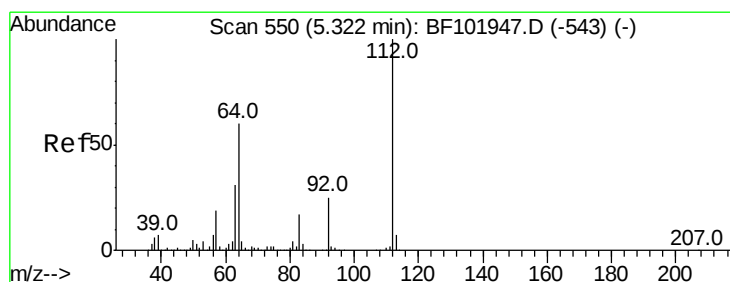
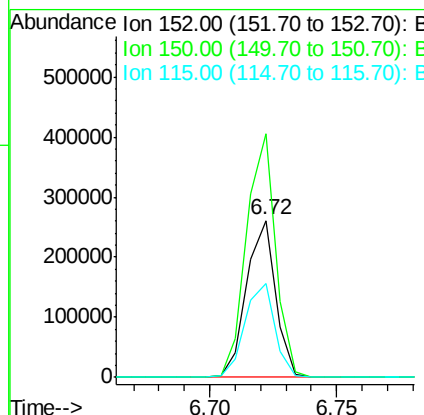
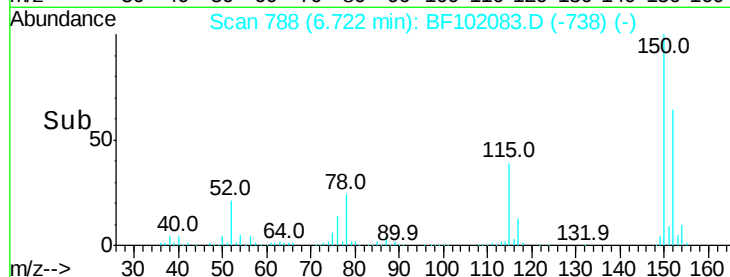
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 208904
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 59.7 50.1 75.1



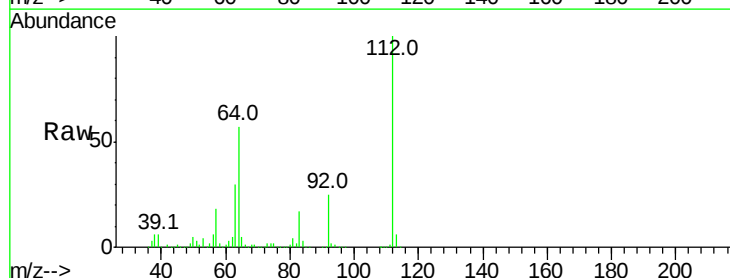
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



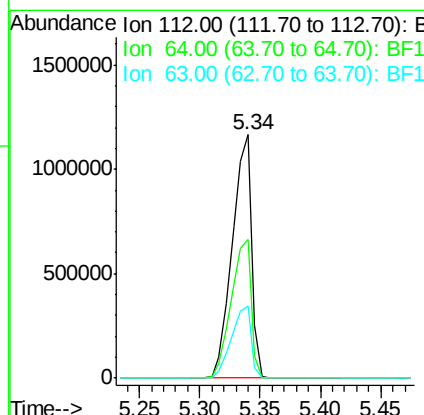
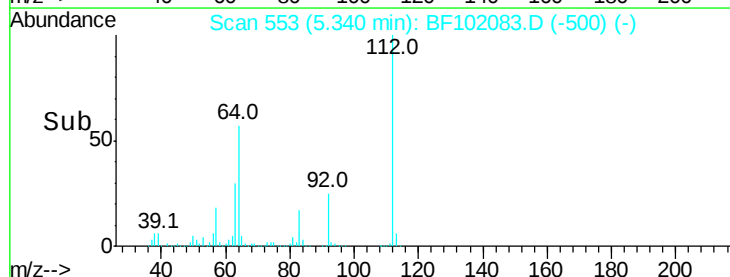
#5

2-Fluorophenol
 Concen: 87.623 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:112 Resp: 1296298
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.6 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: 96.655 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

Instrument :

BNA_F

ClientSampleId :

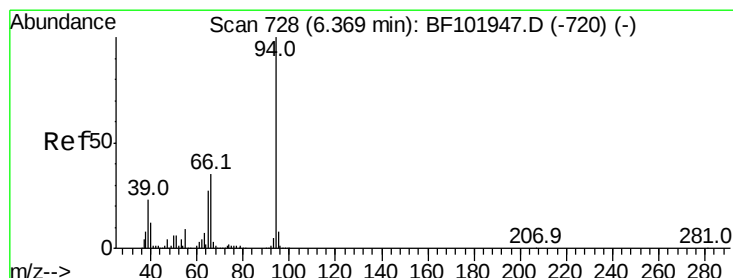
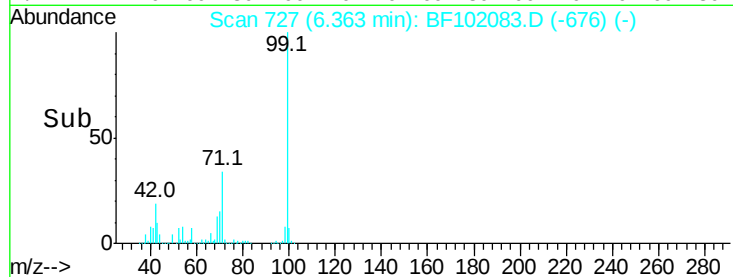
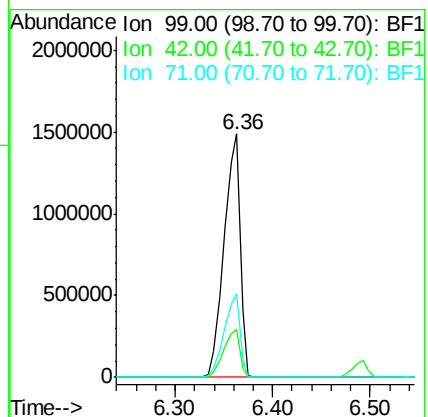
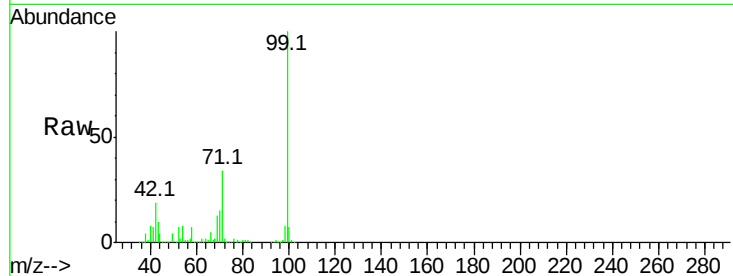
Tot Ion: 99 Resp: 1706033

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 3.225 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

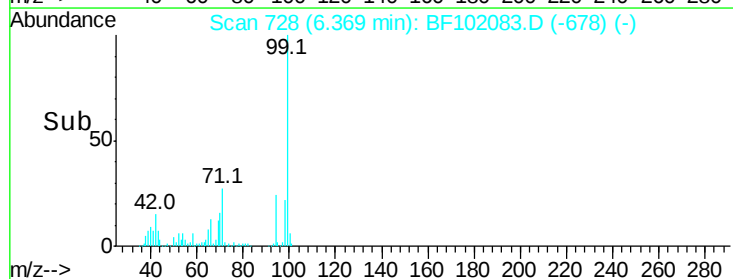
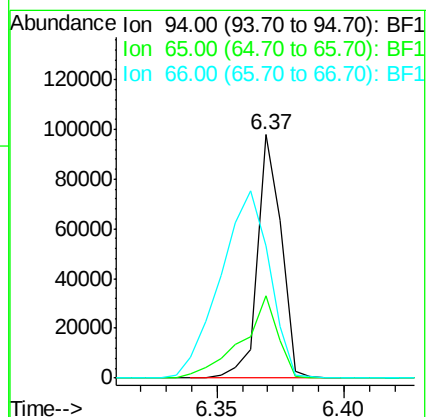
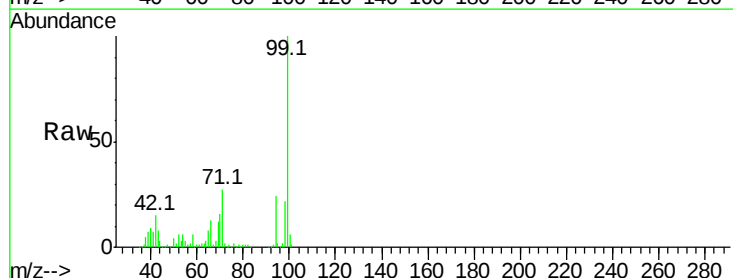
Tgt Ion: 94 Resp: 64338

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

66 54.6 16.2 56.2

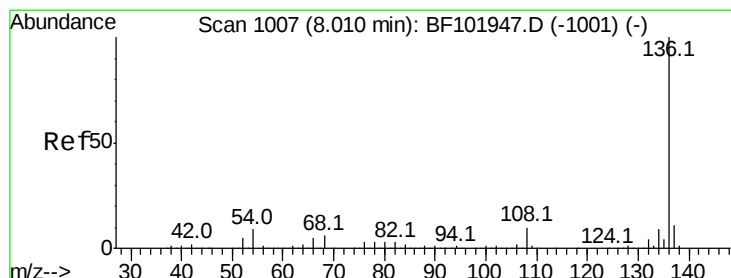
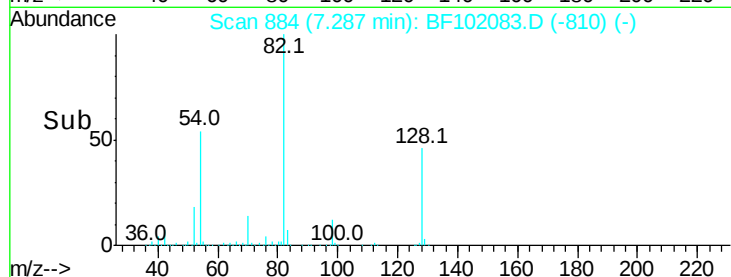
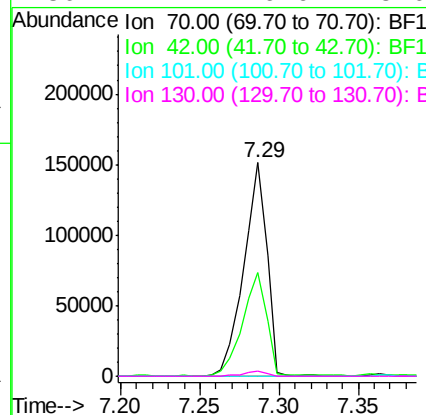
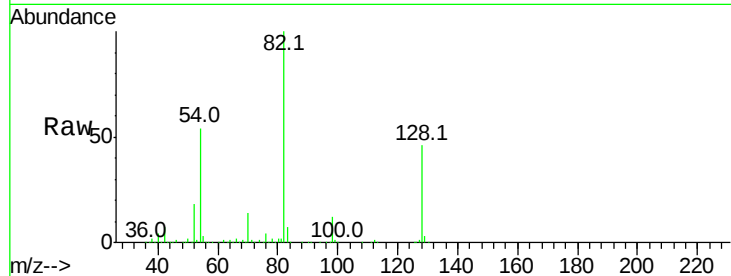




#19
n-Nitroso-di-n-propylamine
Concen: 13.130 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

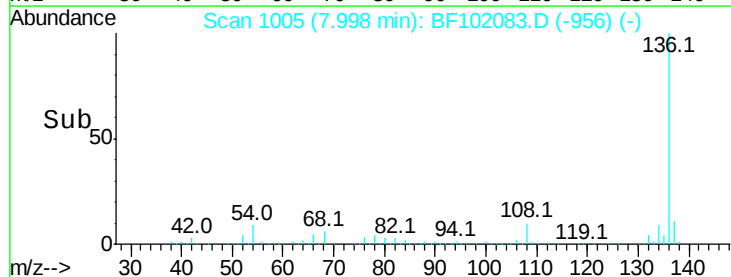
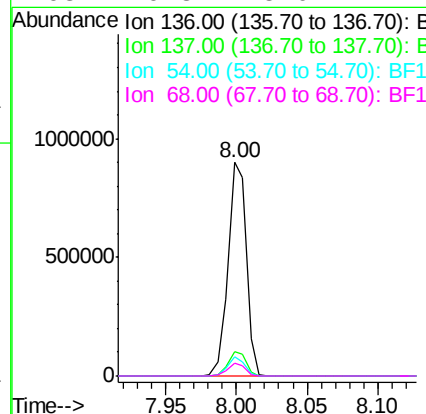
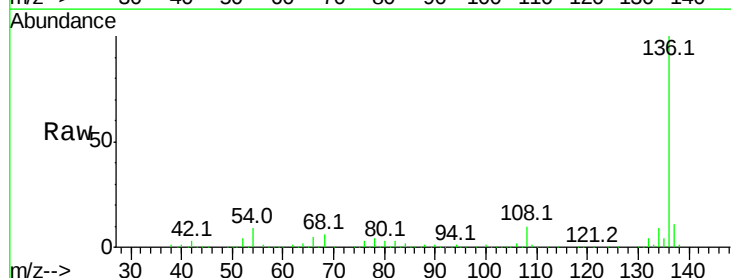
Instrument :
BNA_F
ClientSampleId :

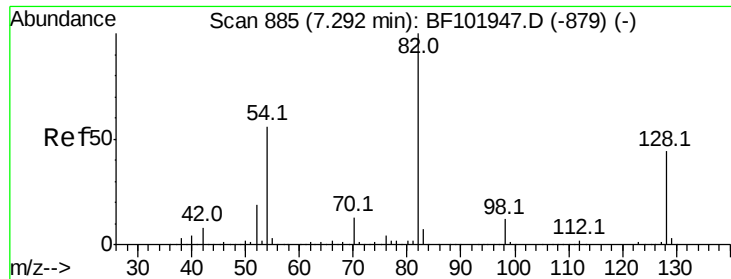
Tot Ion: 70 Resp: 151878
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

Tgt Ion:136 Resp: 810323
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4



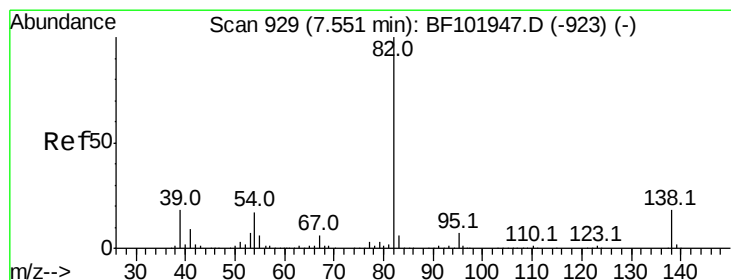
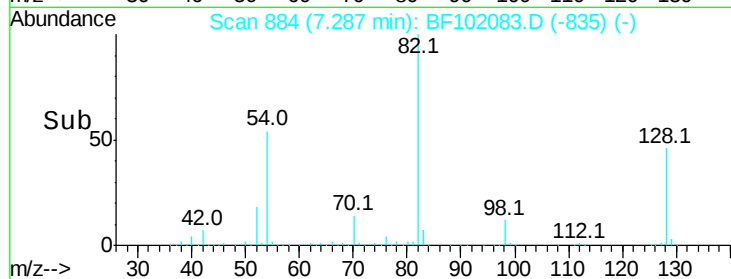
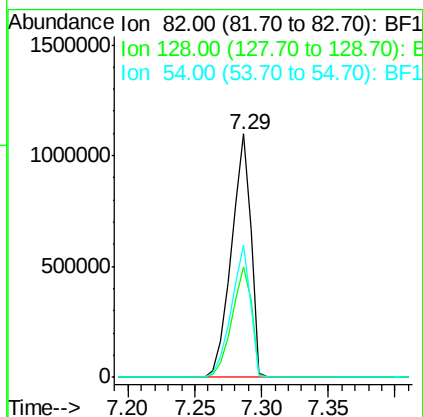
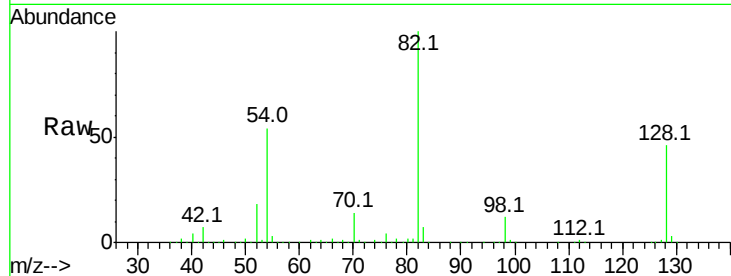


#23
 Nitrobenzene-d5
 Concen: 82.002 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1130767

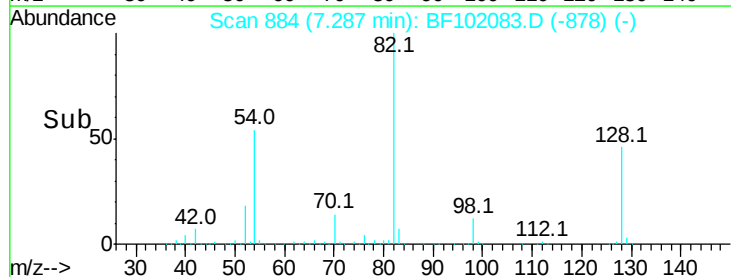
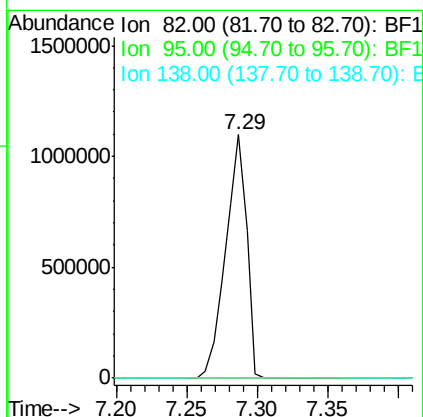
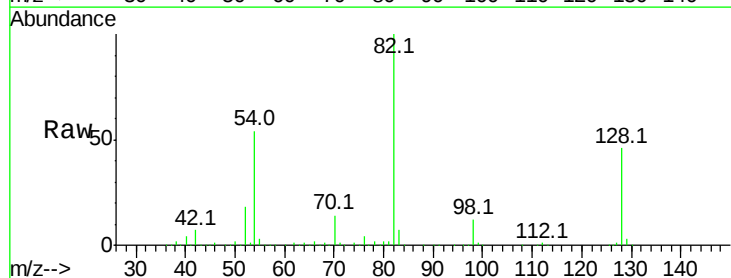
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.3	41.4	62.2

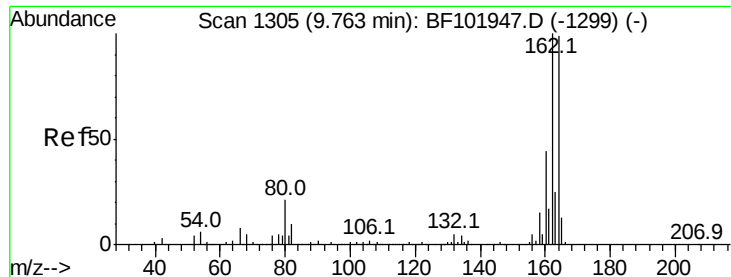


#25
 Isophorone
 Concen: 41.507 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion: 82 Resp: 1130926

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

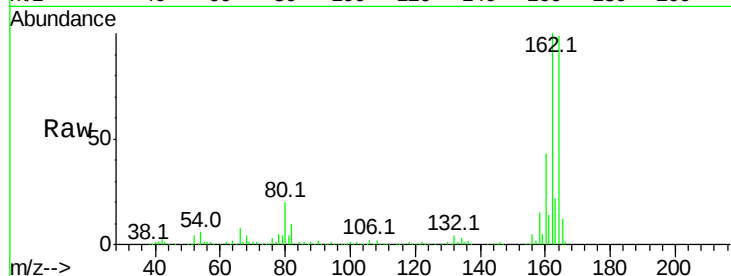




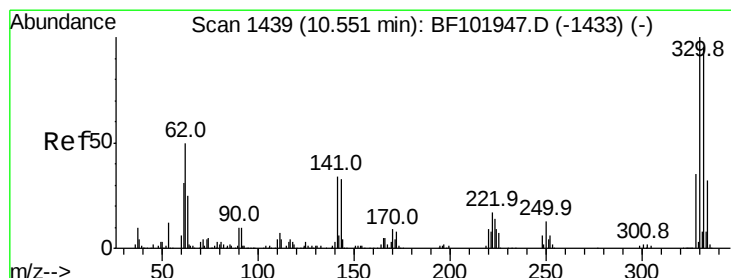
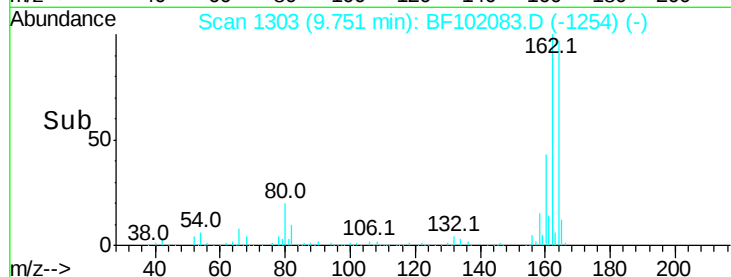
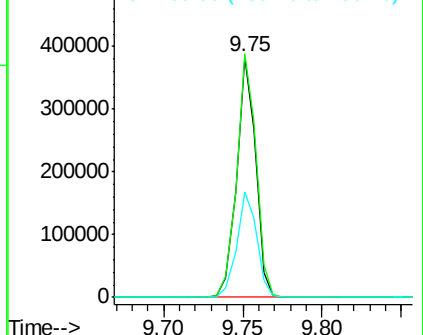
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 317401
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 44.0 38.3 57.5

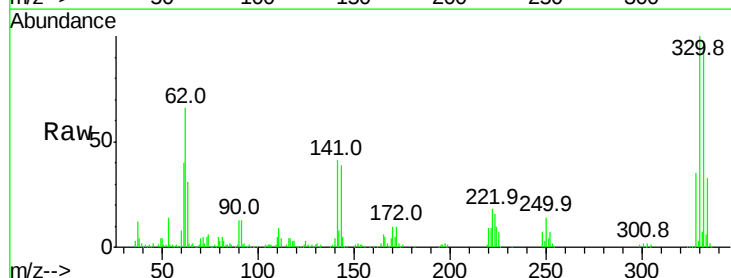


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

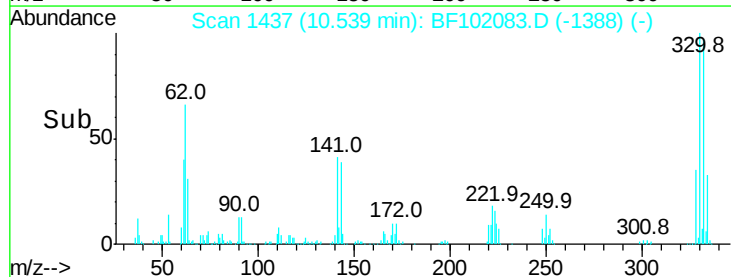
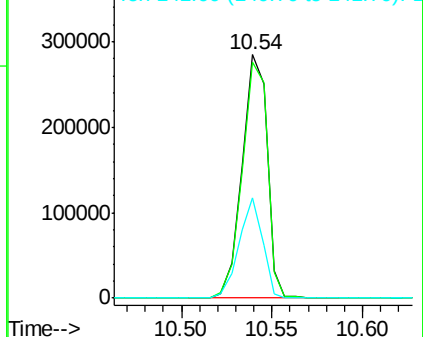


#41
 2,4,6-Tribromophenol
 Concen: 98.772 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:330 Resp: 273589
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 39.2 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



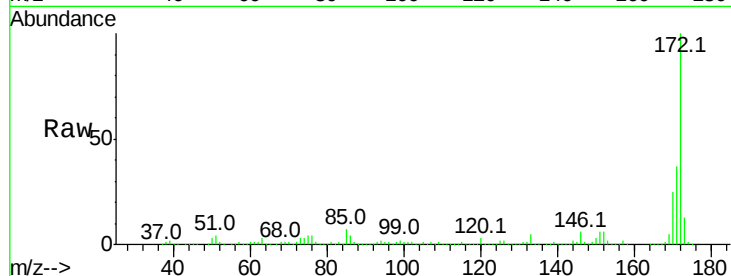


#44
 2-Fluorobiphenyl
 Concen: 85.782 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

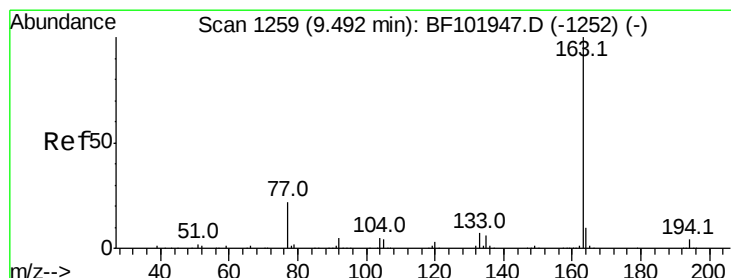
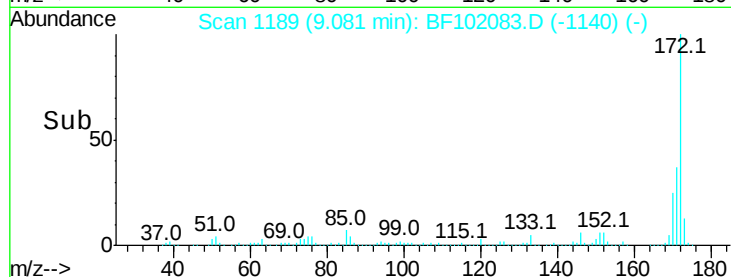
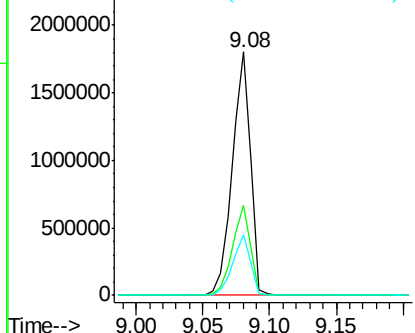
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1742800

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



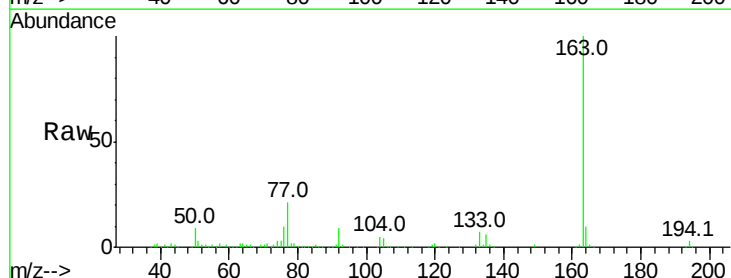
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



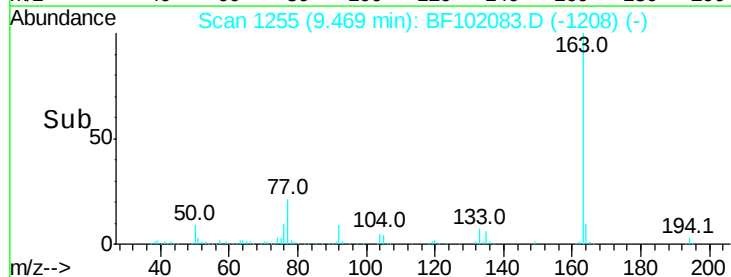
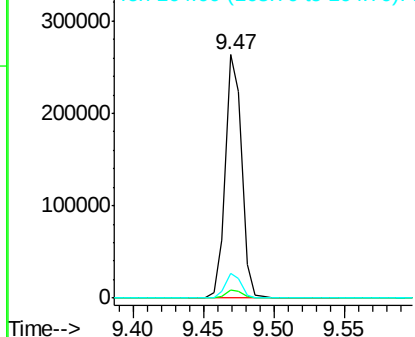
#49
 Dimethylphthalate
 Concen: 8.340 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

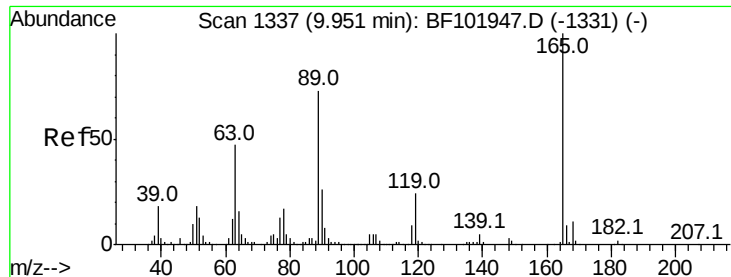
Tgt Ion:163 Resp: 212355

Ion	Ratio	Lower	Upper
163	100		
194	3.2	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

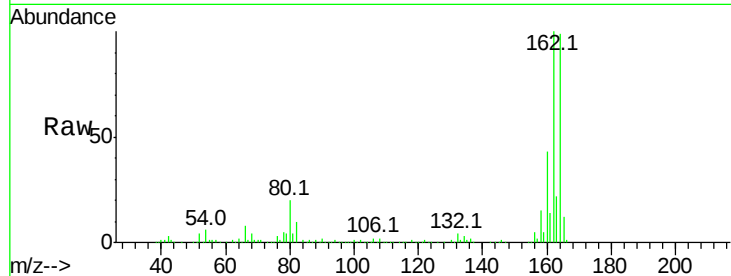




#56
 2,4-Dinitrotoluene
 Concen: 6.201 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

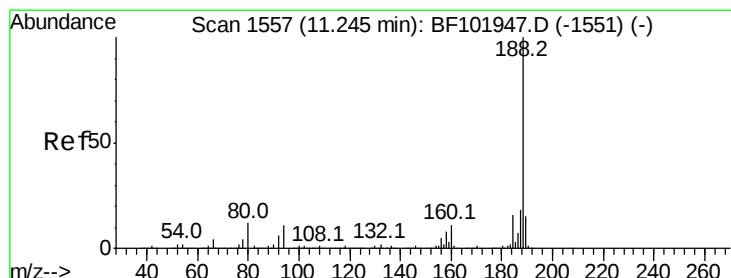
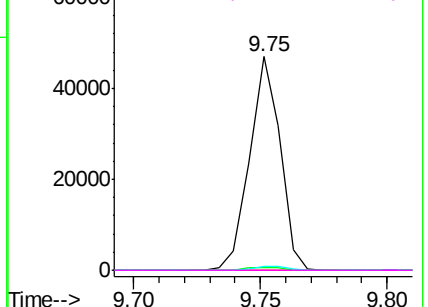
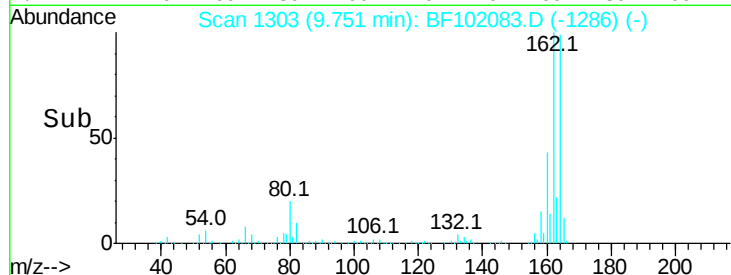


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

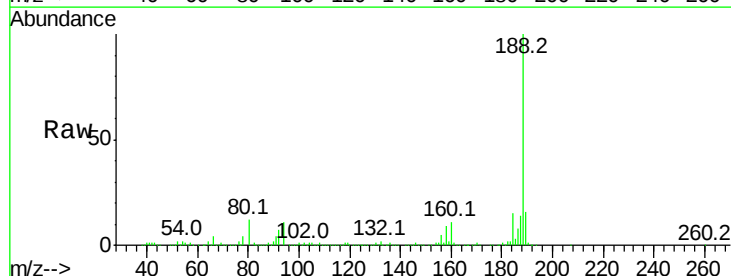
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

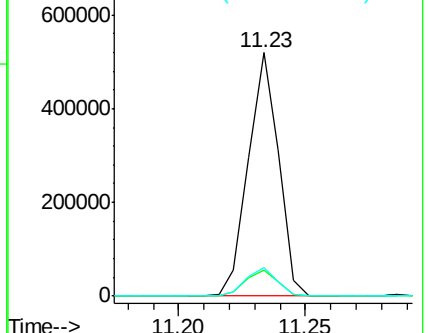
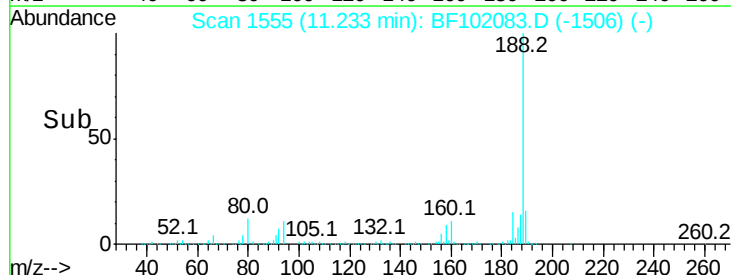
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8

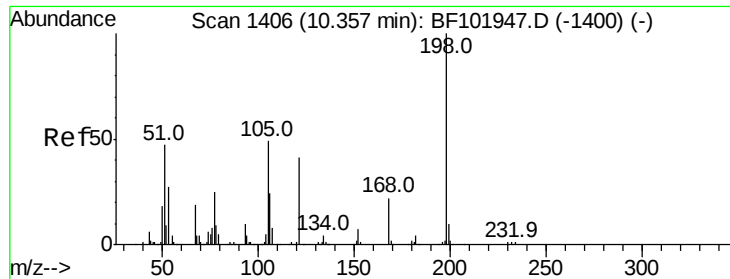


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

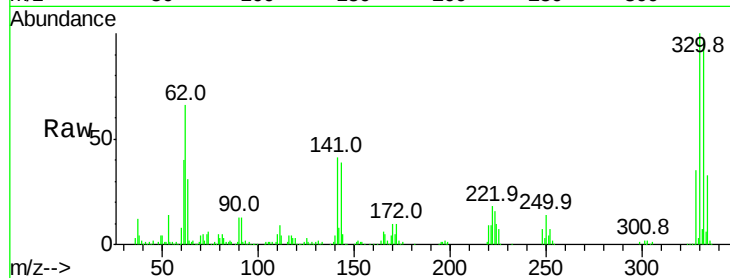




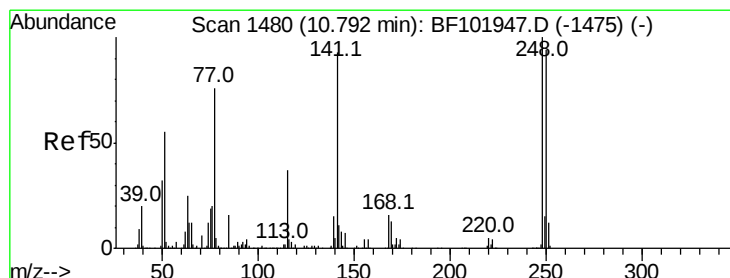
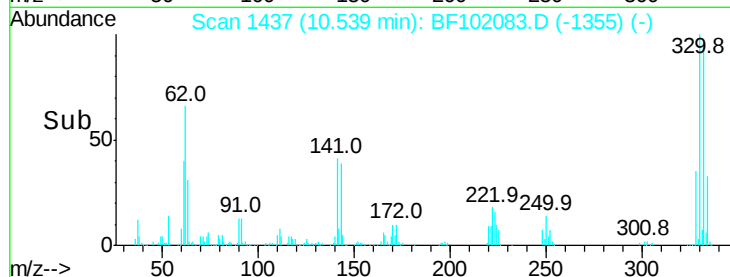
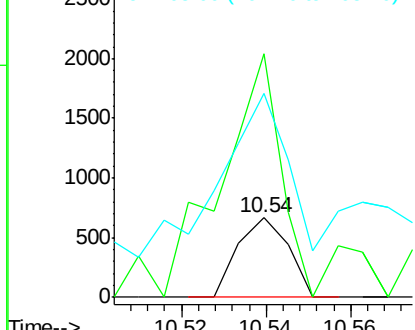
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.869 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 551
 Ion Ratio Lower Upper
 198 100
 51 307.2 37.7 77.7#
 105 257.5 36.3 76.3#

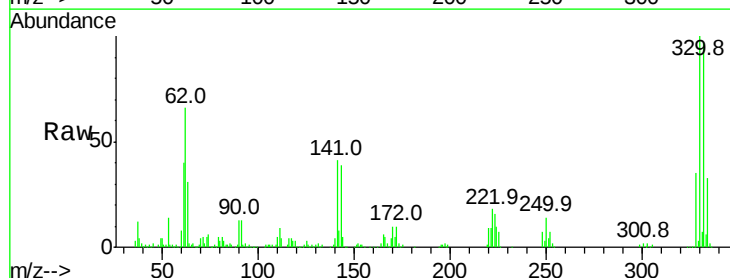


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

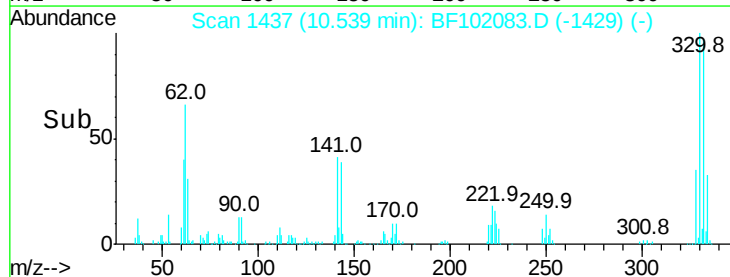
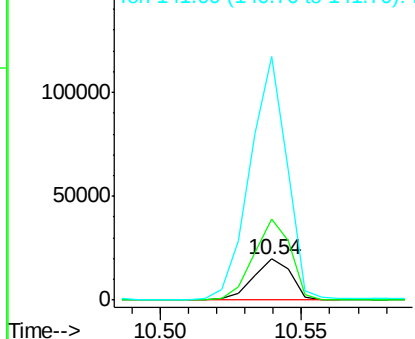


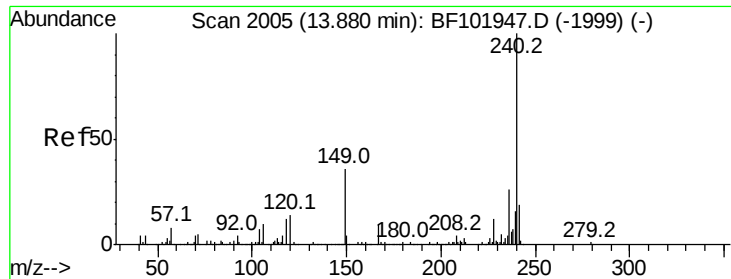
#66
 4-Bromophenyl-phenylether
 Concen: 4.048 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102083.D
 Acq: 16 Jan 2018 00:27

Tgt Ion:248 Resp: 18480
 Ion Ratio Lower Upper
 248 100
 250 196.5 76.9 115.3#
 141 594.0 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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

Instrument :

BNA_F

ClientSampleId :

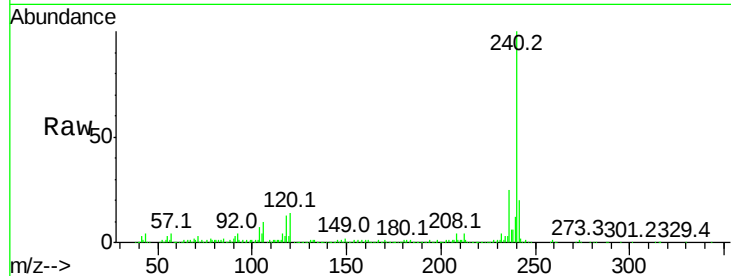
Tot Ion:240 Resp: 366956

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

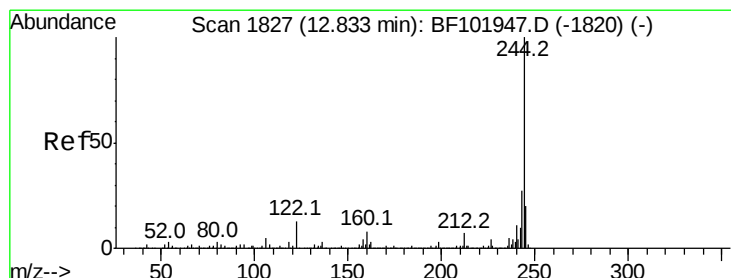
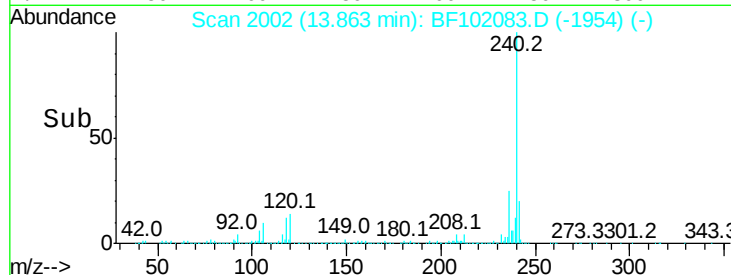
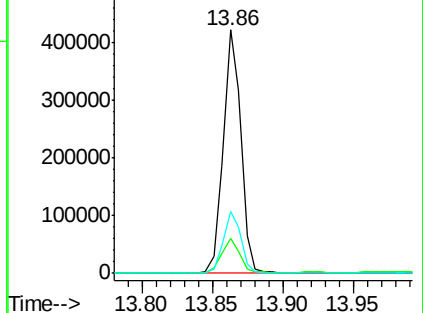
236 25.3 20.7 31.1



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: 63.682 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102083.D

Acq: 16 Jan 2018 00:27

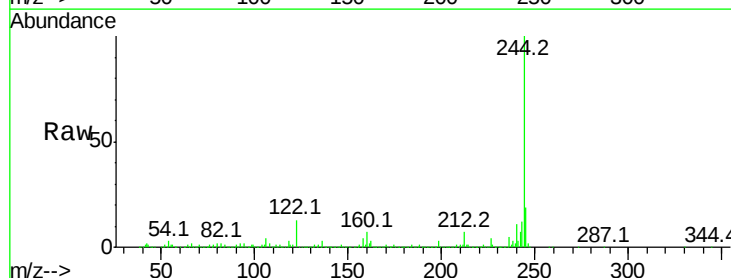
Tgt Ion:244 Resp: 1125512

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

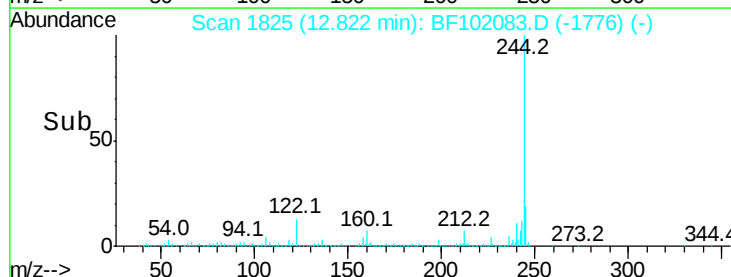
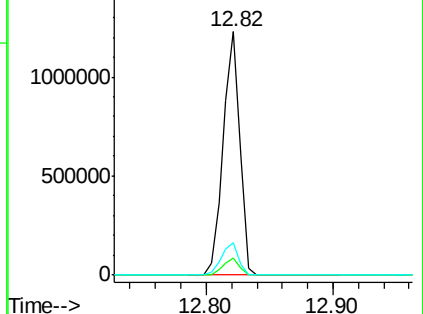
122 13.2 11.0 16.4

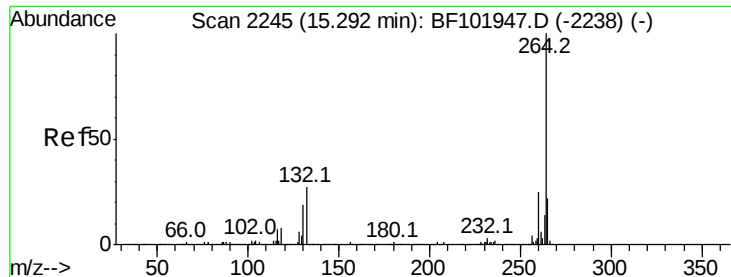


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102083.D
Acq: 16 Jan 2018 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 359414

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

