

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102174.D
 Acq On : 18 Jan 2018 3:16
 Operator : SJ/JU
 Sample : J1151-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 04:28:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

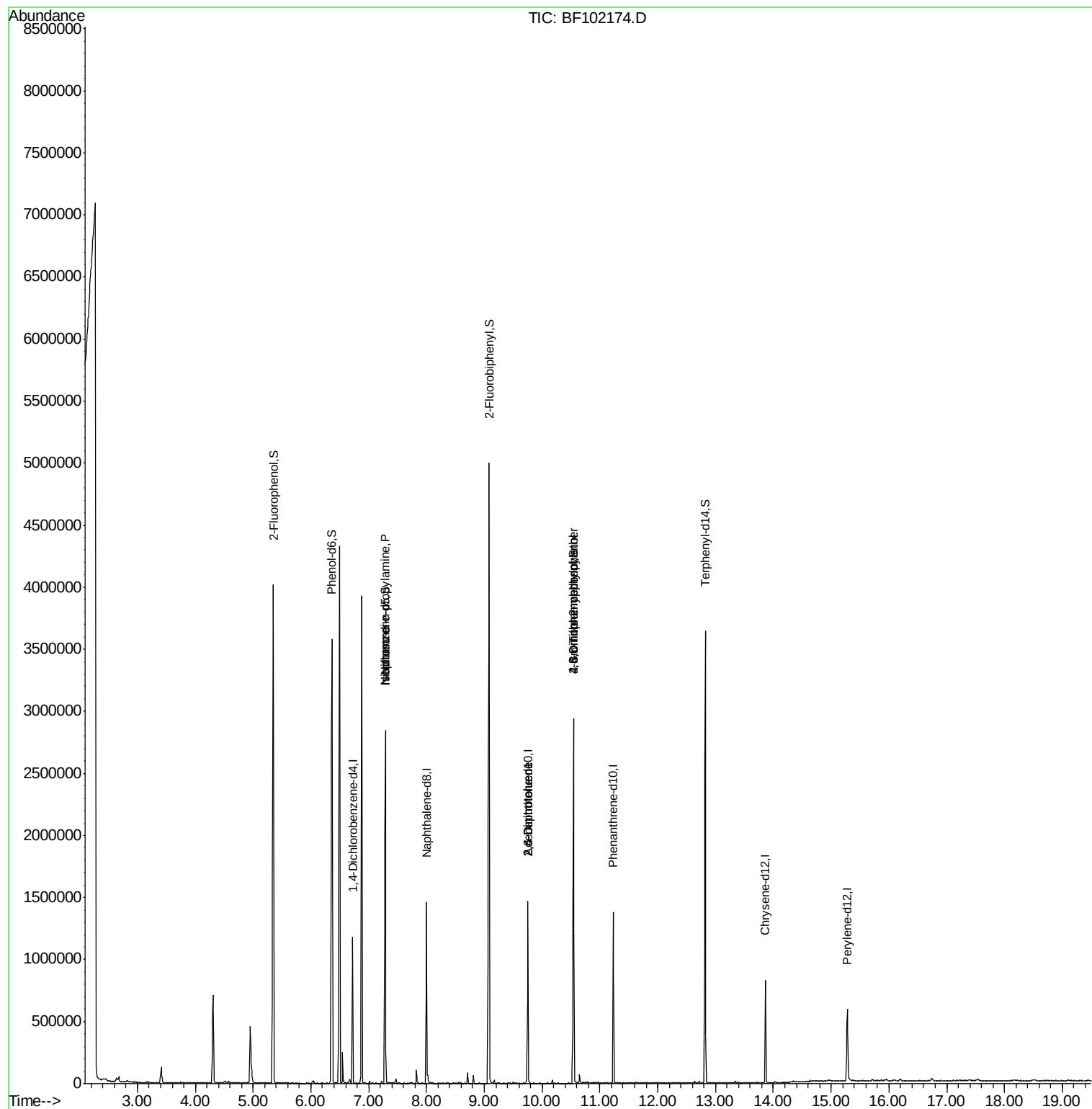
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163620	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	656701	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	274977	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	435070	20.00	ng	0.00
75) Chrysene-d12	13.86	240	268819	20.00	ng	-0.01
86) Perylene-d12	15.28	264	228989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1364082	117.72	ng	0.03
7) Phenol-d6	6.36	99	1482062	107.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1141961	102.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	371930	154.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1960826	111.40	ng	0.00
78) Terphenyl-d14	12.82	244	1365976	105.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	155924	17.211	ng	# 78
25) Isophorone	7.29	82	1137125	51.497	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	35743	8.112	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	35743	6.472	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	932	6.010	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	23401	5.093	ng	# 1

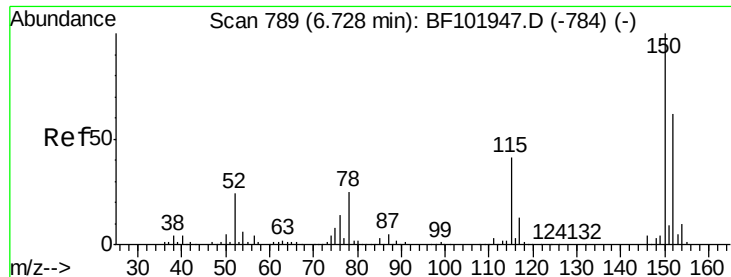
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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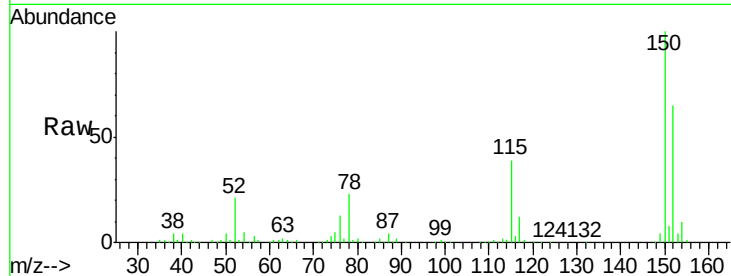


#1

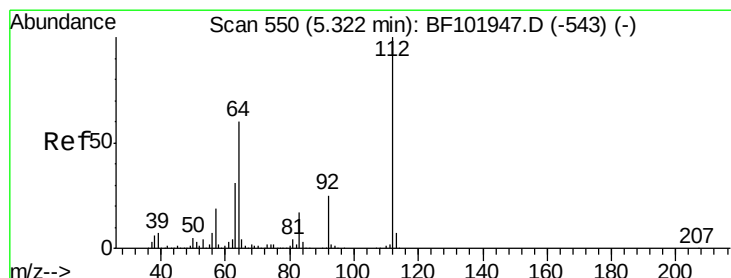
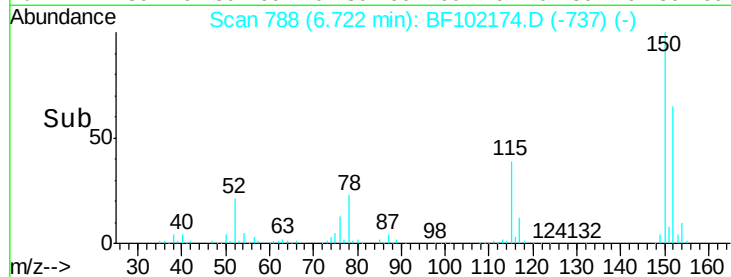
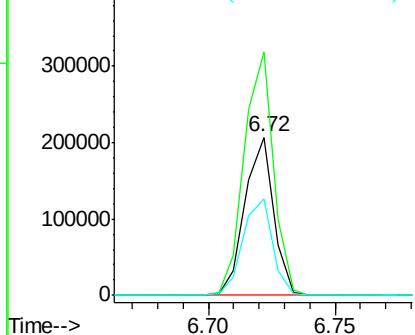
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163620
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.8 50.1 75.1



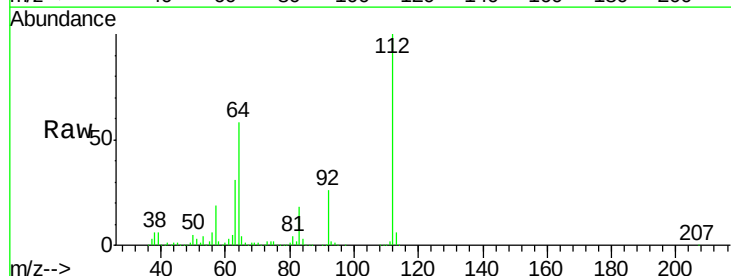
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



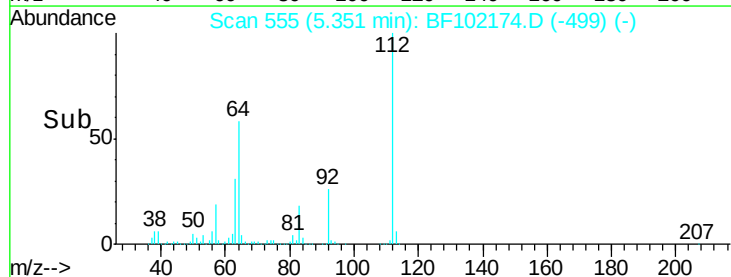
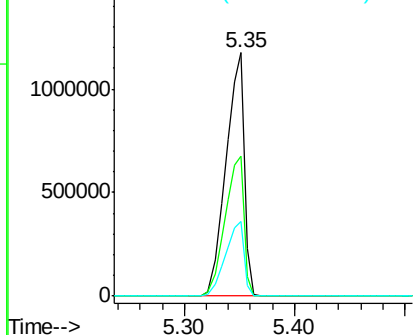
#5

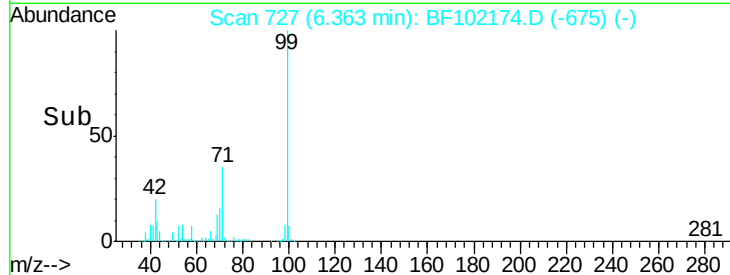
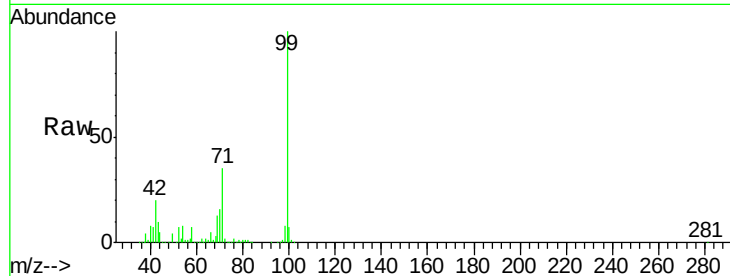
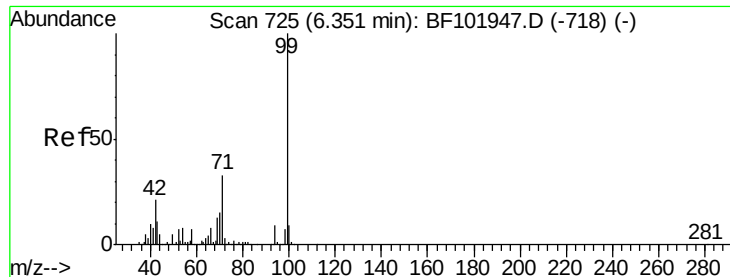
2-Fluorophenol
Concen: 117.724 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion:112 Resp: 1364082
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.6 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: 107.204 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

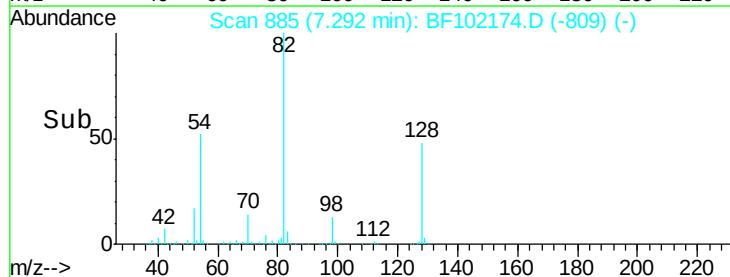
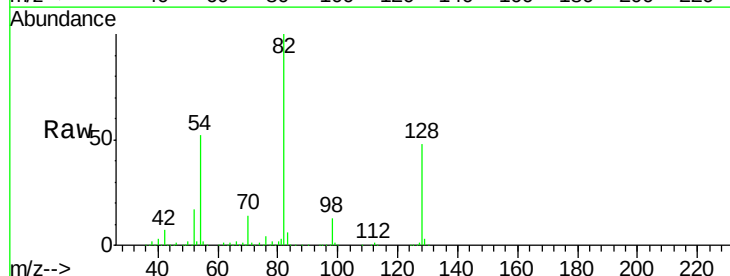
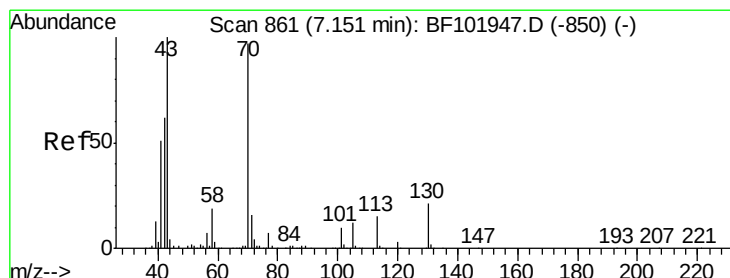
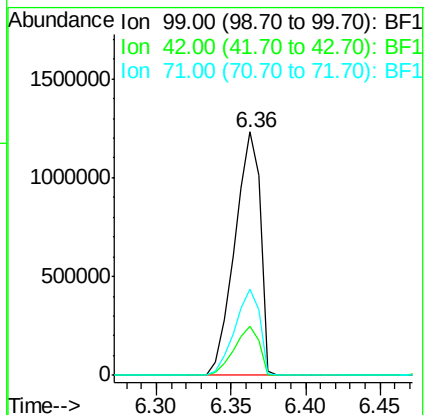
Tot Ion: 99 Resp: 1482062

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.211 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Tgt Ion: 70 Resp: 155924

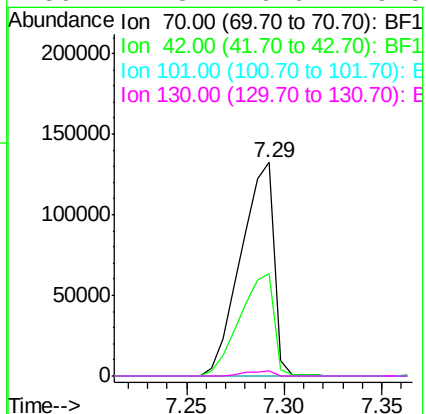
Ion Ratio Lower Upper

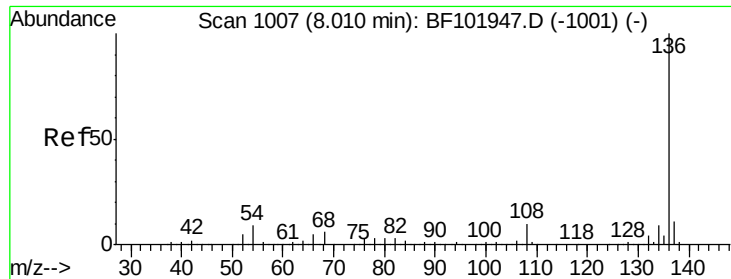
70 100

42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

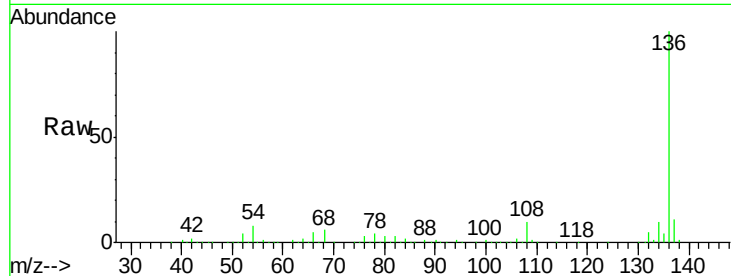




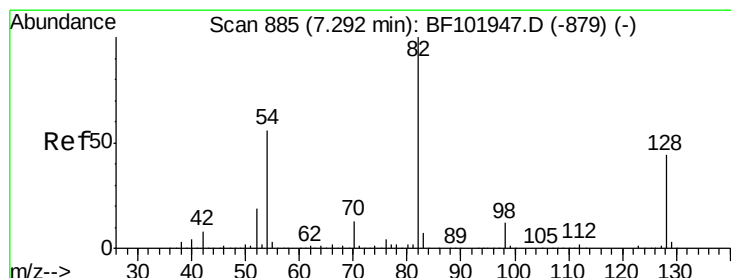
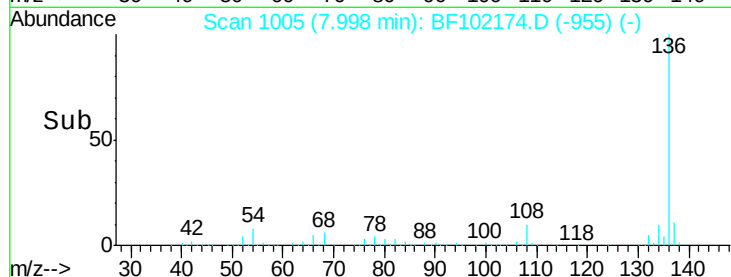
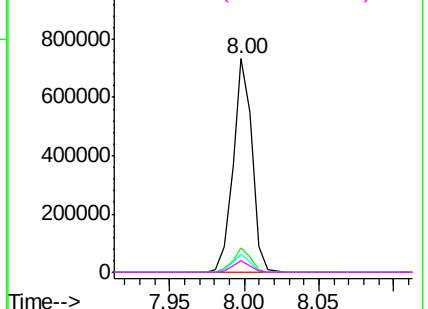
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	656701
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.2	6.6 9.8
68	5.6	5.0 7.4

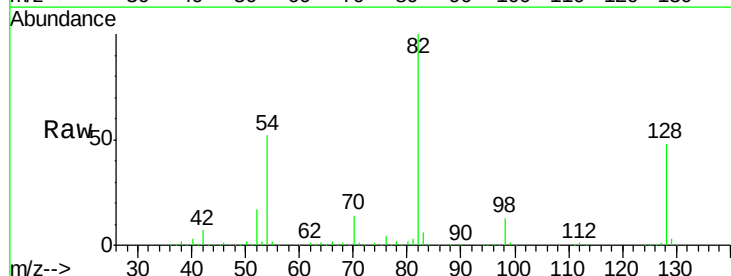


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

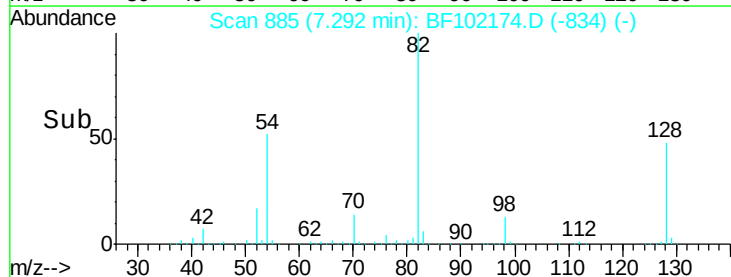
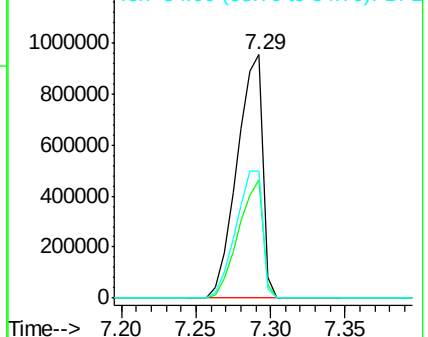


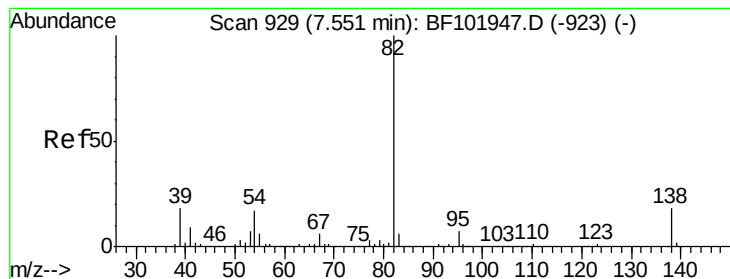
#23
Nitrobenzene-d5
Concen: 102.187 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion: 82	Resp:	1141961
Ion Ratio	Lower	Upper
82	100	
128	48.4	36.1 54.1
54	52.1	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: 51.497 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

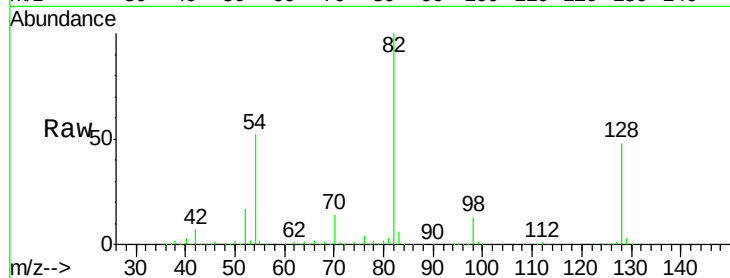
Tot Ion: 82 Resp: 1137125

Ion Ratio Lower Upper

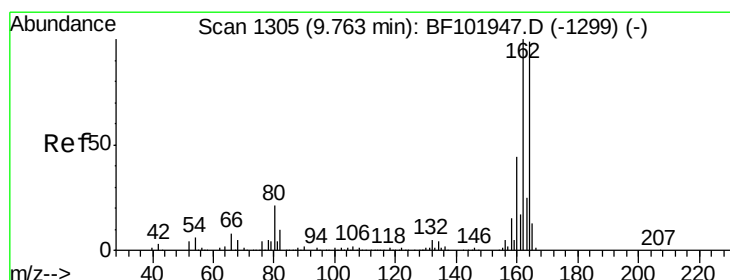
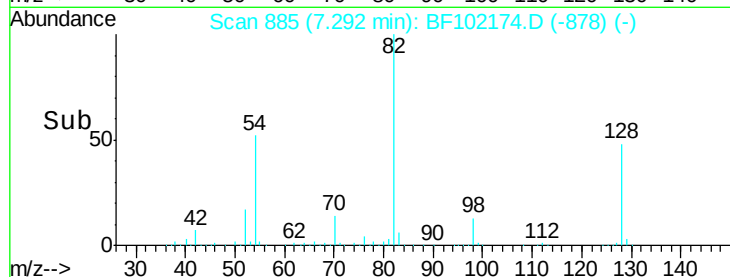
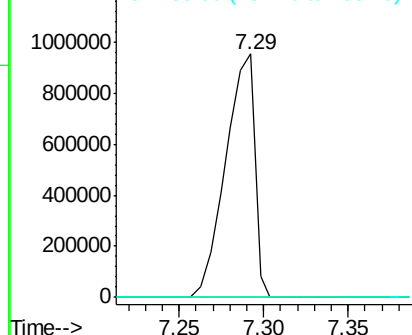
82 100

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: BF102174.D

Acq: 18 Jan 2018 3:16

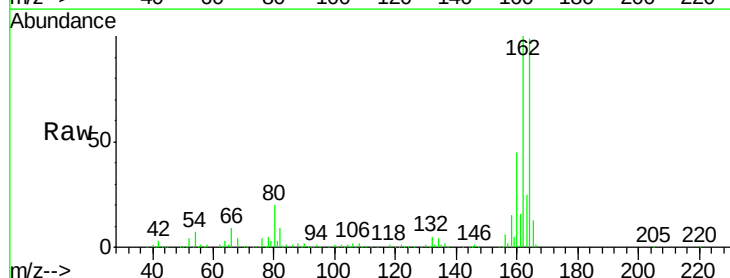
Tgt Ion:164 Resp: 274977

Ion Ratio Lower Upper

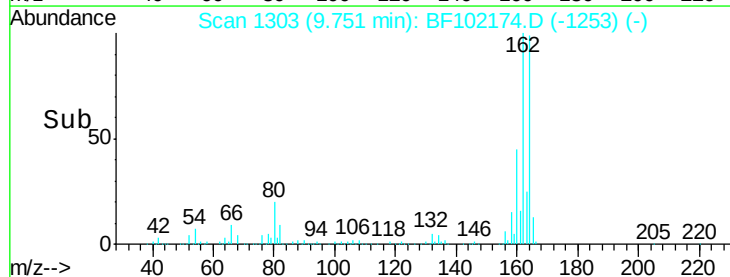
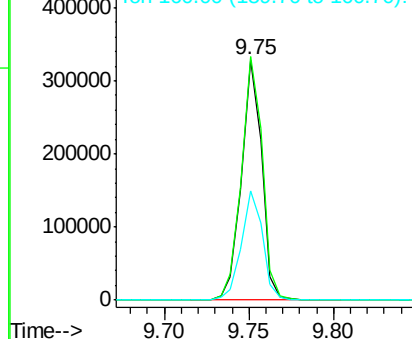
164 100

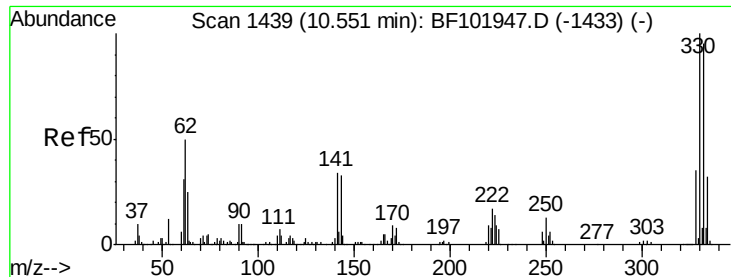
162 101.4 86.1 129.1

160 45.5 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

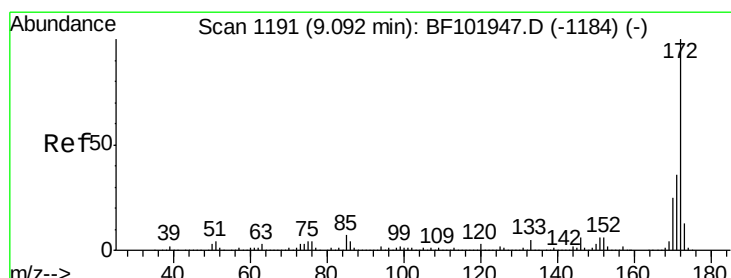
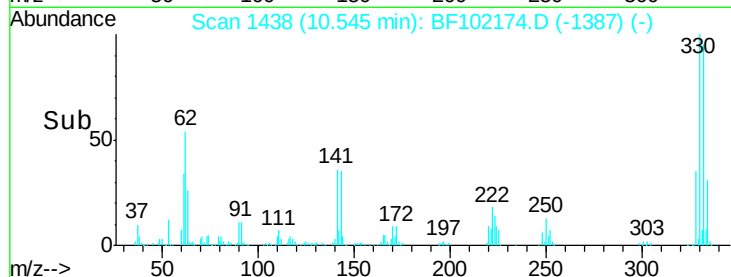
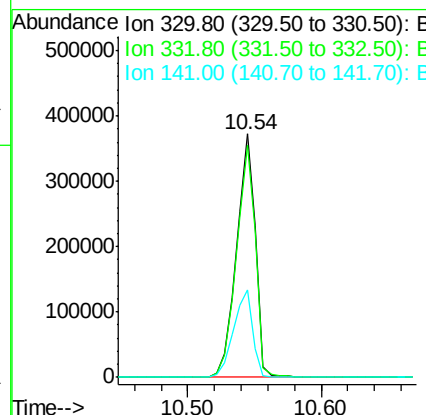
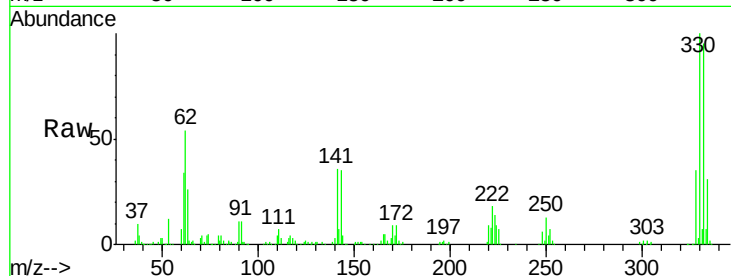




#41
 2,4,6-Tribromophenol
 Concen: 154.991 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

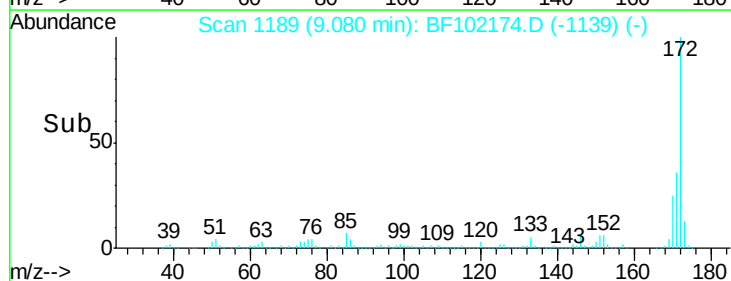
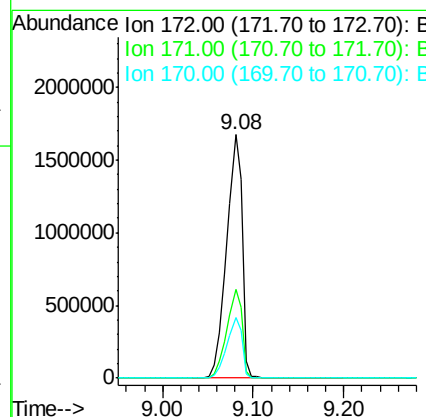
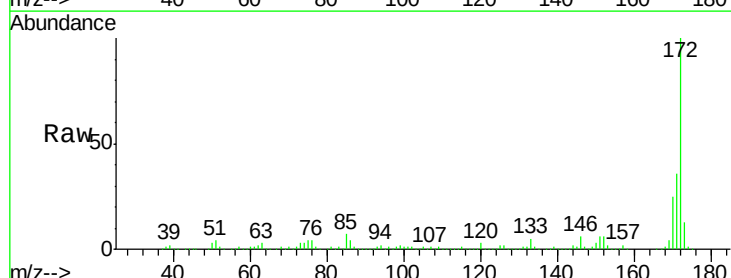
Instrument :
 BNA_F
 ClientSampled :

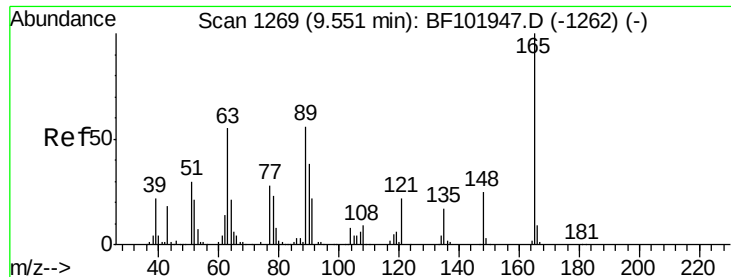
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 111.404 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

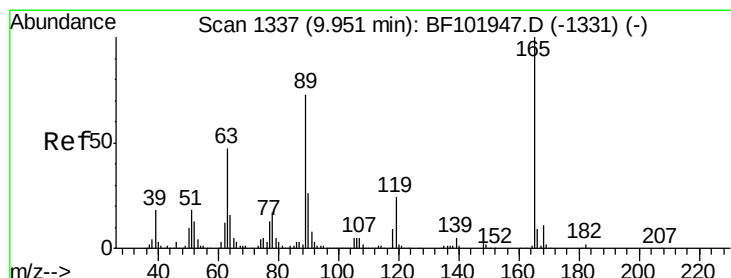
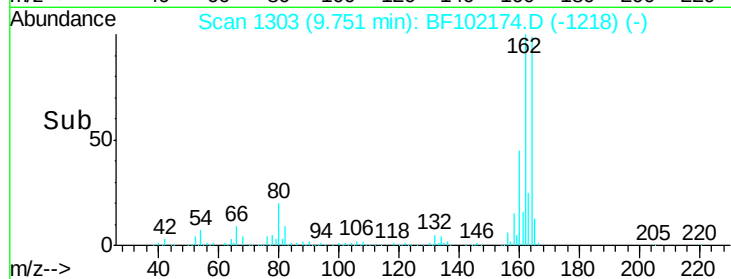
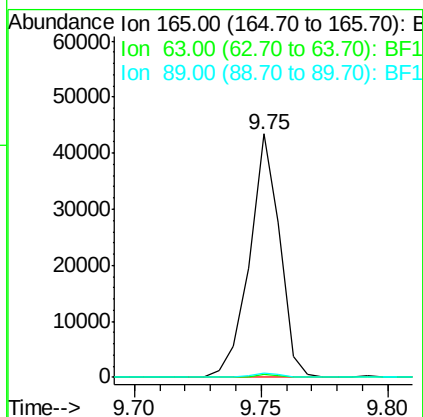
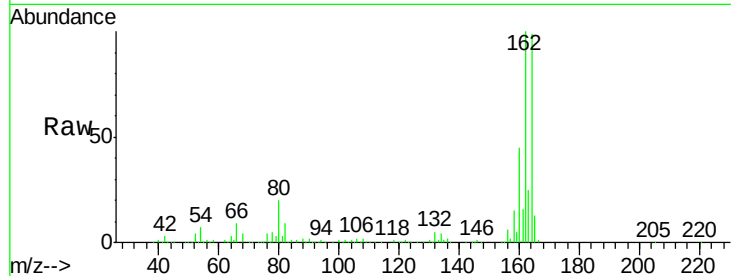




#50
 2,6-Dinitrotoluene
 Concen: 8.112 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

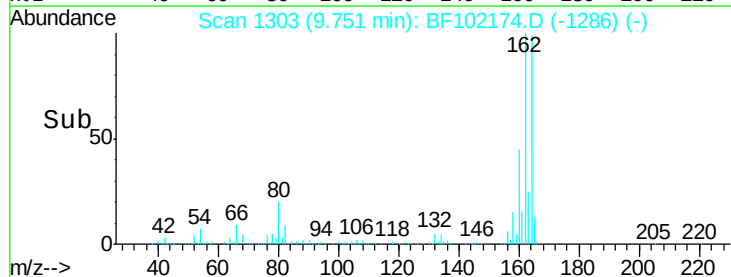
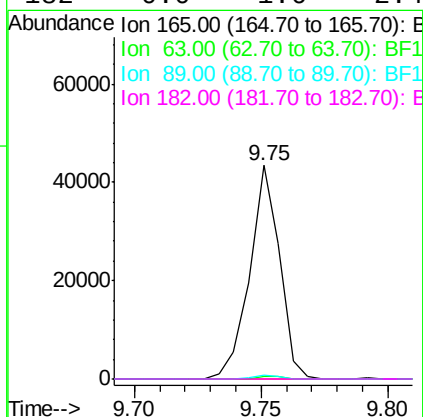
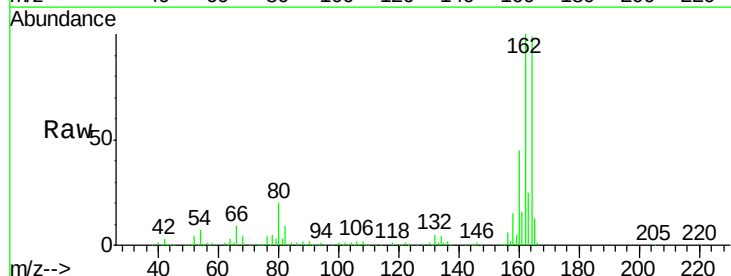
Instrument :
 BNA_F
 ClientSampleId :

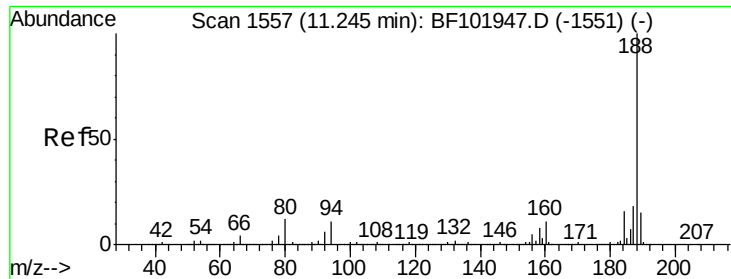
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.472 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

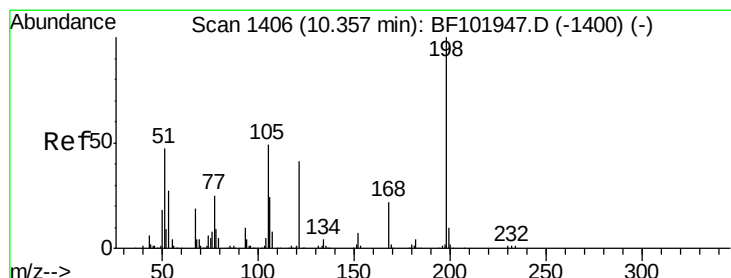
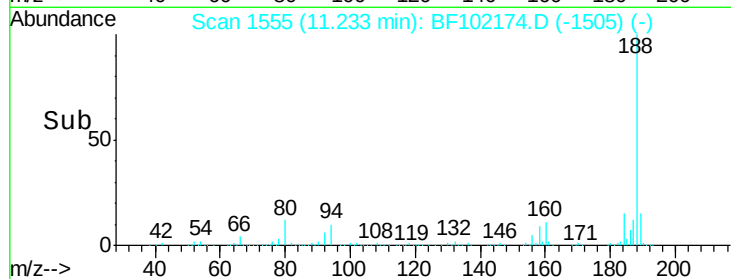
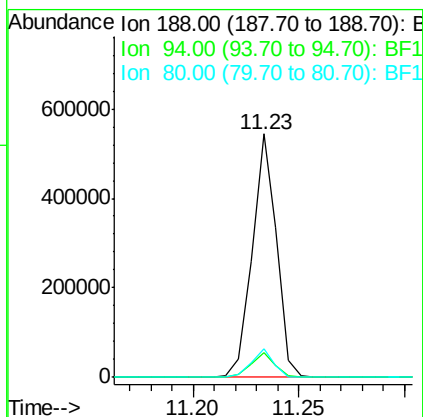
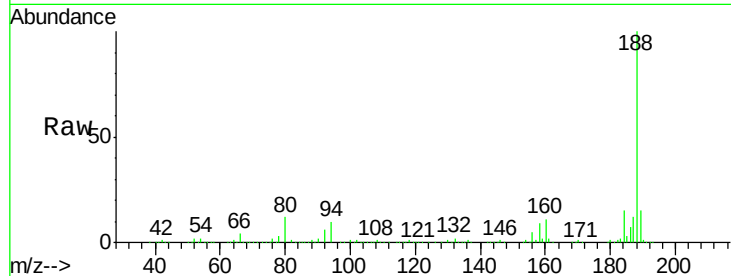




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

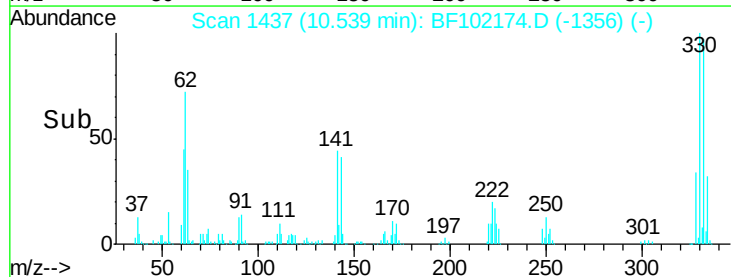
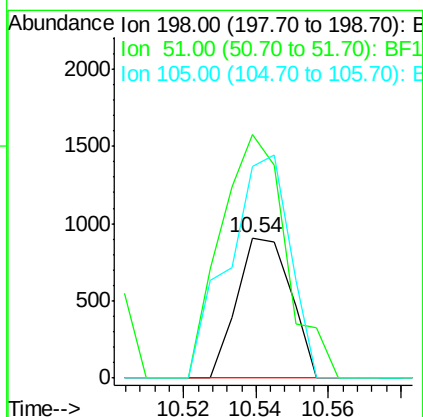
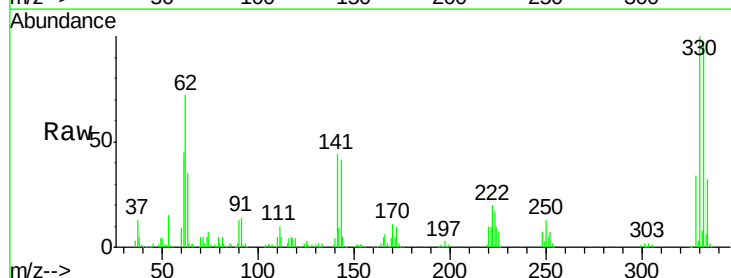
Instrument :
BNA_F
ClientSampleId :

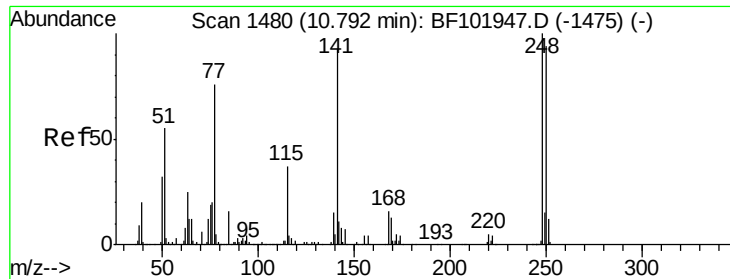
Tot Ion:188 Resp: 435070
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.010 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion:198 Resp: 932
Ion Ratio Lower Upper
198 100
51 174.0 37.7 77.7#
105 151.4 36.3 76.3#

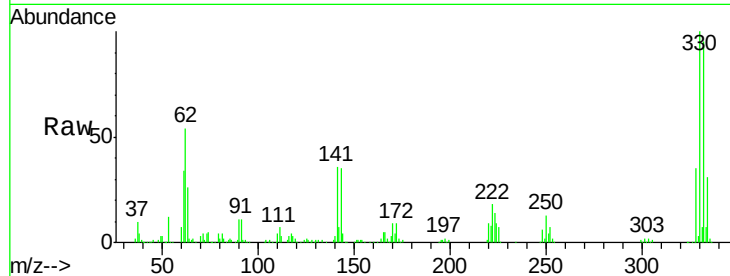




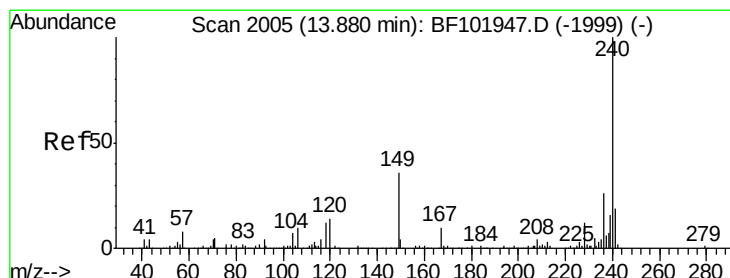
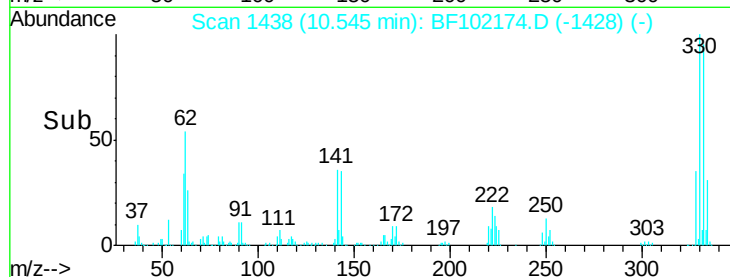
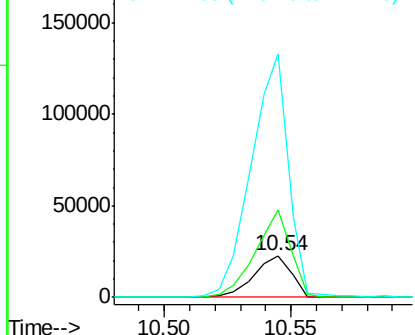
#66
4-Bromophenyl-phenylether
Concen: 5.093 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23401
Ion Ratio Lower Upper
248 100
250 209.7 76.9 115.3#
141 579.6 74.4 111.6#

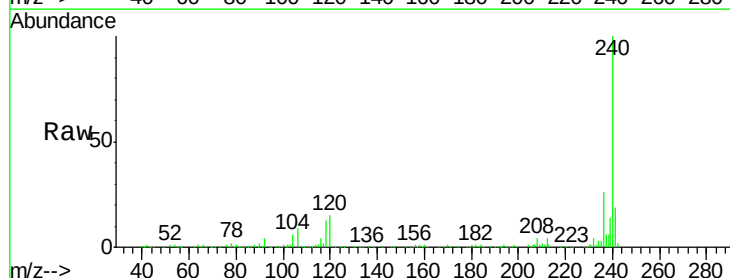


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

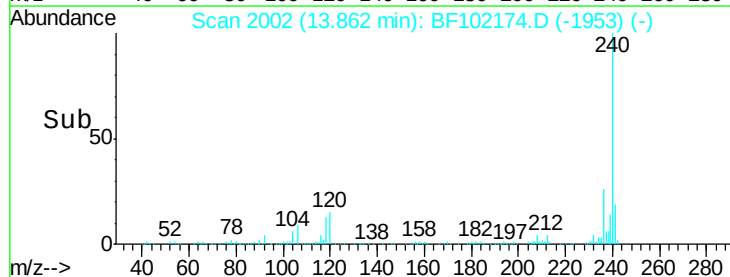
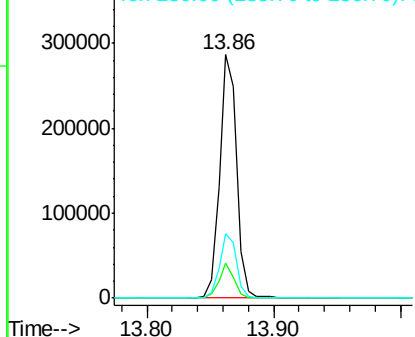


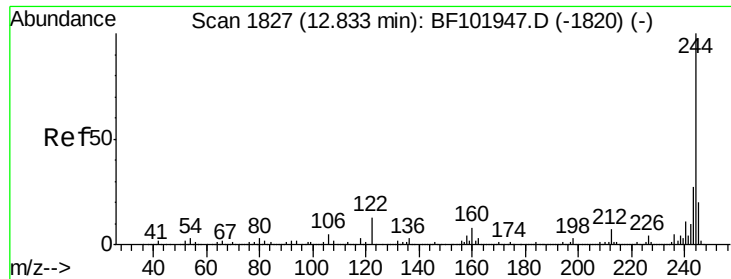
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion:240 Resp: 268819
Ion Ratio Lower Upper
240 100
120 14.5 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

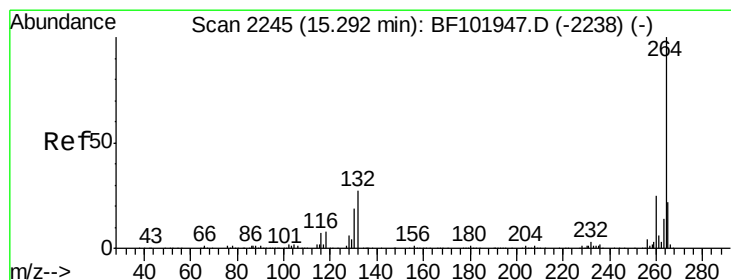
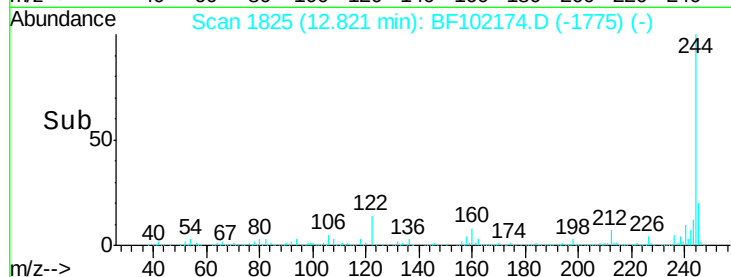
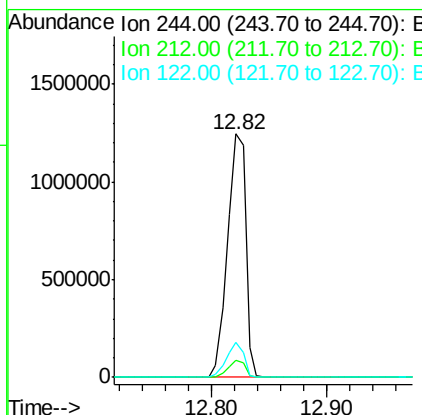
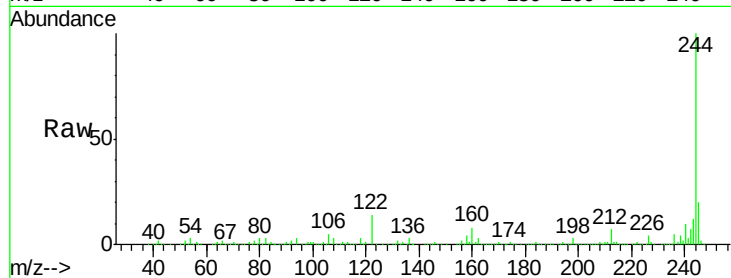




#78
 Terphenyl-d14
 Concen: 105.503 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1365976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Tgt Ion:264 Resp: 228989
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.1 17.5 26.3

