

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101067.D
 Acq On : 1 Dec 2017 17:04
 Operator : SJ/JU
 Sample : I6630-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-01

Quant Time: Dec 01 21:51:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

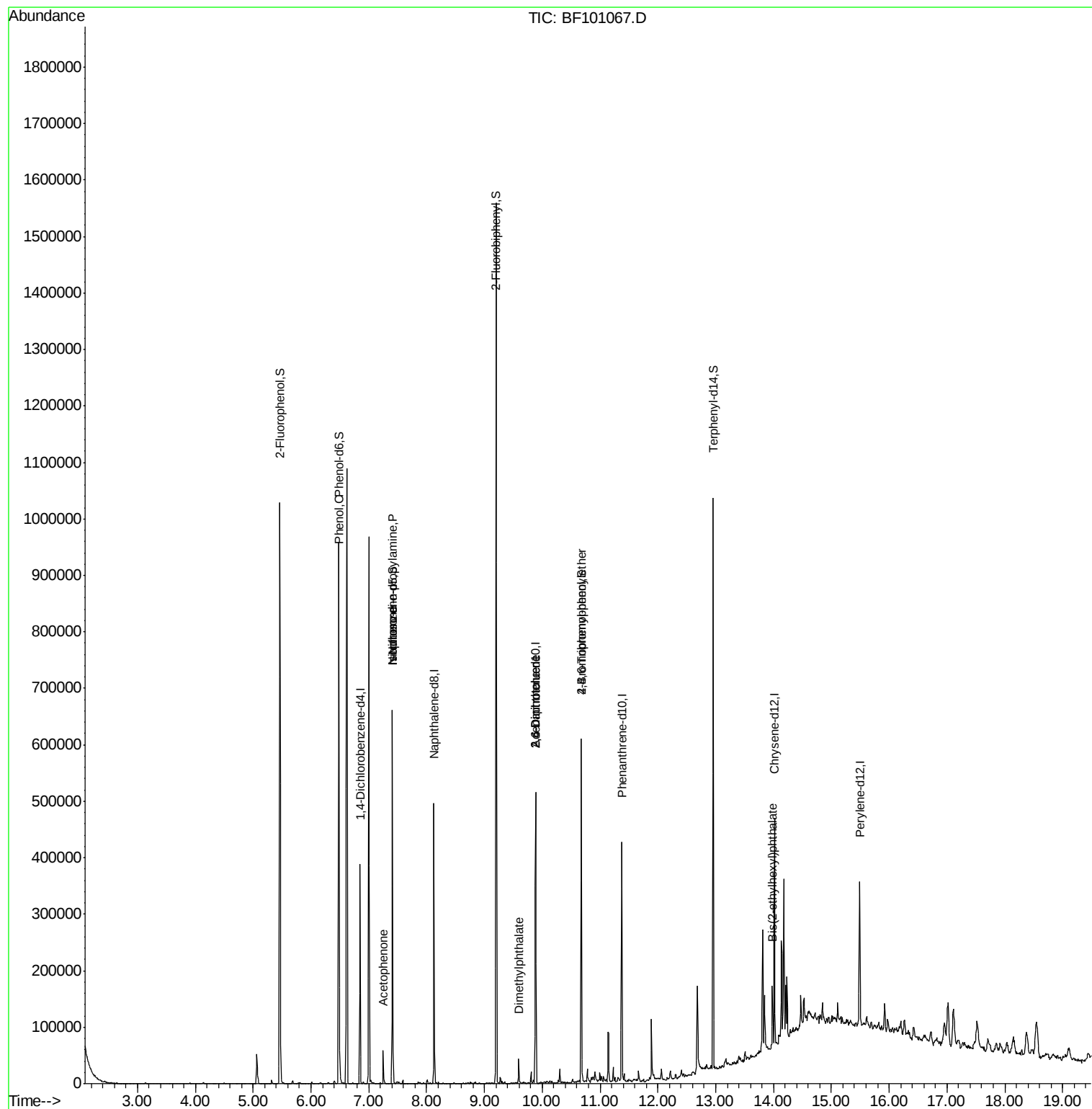
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54229	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210432	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92021	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146808	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129208	20.00	ng	0.00
86) Perylene-d12	15.49	264	114666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	281727	85.85	ng	0.00
7) Phenol-d6	6.48	99	351401	88.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	213624	60.56	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	68171	61.67	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	461755	68.66	ng	0.00
78) Terphenyl-d14	12.96	244	327158	55.38	ng	0.00
Target Compounds						
10) Phenol	6.49	94	13469	3.040	ng	85
19) n-Nitroso-di-n-propylamine	7.41	70	28348	10.565	ng	# 80
22) Acetophenone	7.25	105	16089	3.165	ng	# 96
25) Isophorone	7.41	82	213622	35.453	ng	# 64
49) Dimethylphthalate	9.59	163	17402	2.345	ng	98
50) 2,6-Dinitrotoluene	9.89	165	11615	7.431	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	11615	5.545	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	4671	2.843	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	31314	5.587	ng	# 100

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

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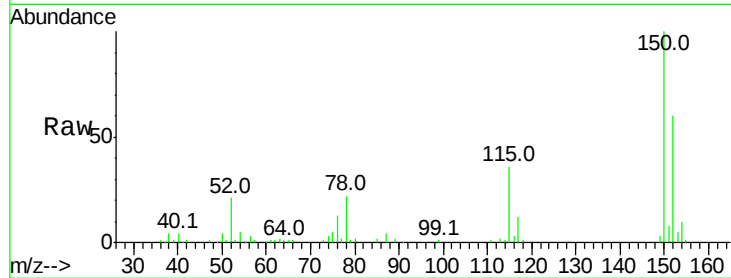


#1

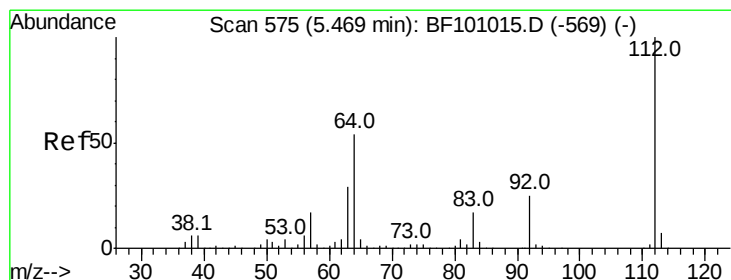
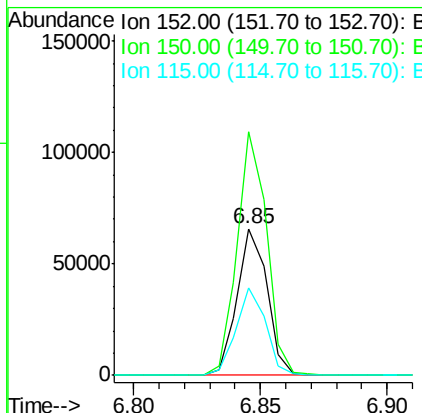
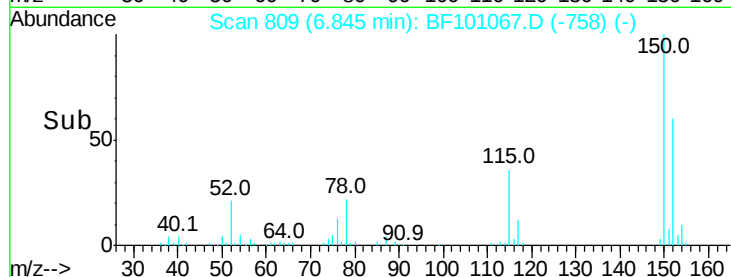
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-01

Tot Ion:152 Resp: 54229
Ion Ratio Lower Upper
152 100
150 165.8 124.6 186.8
115 59.5 50.1 75.1



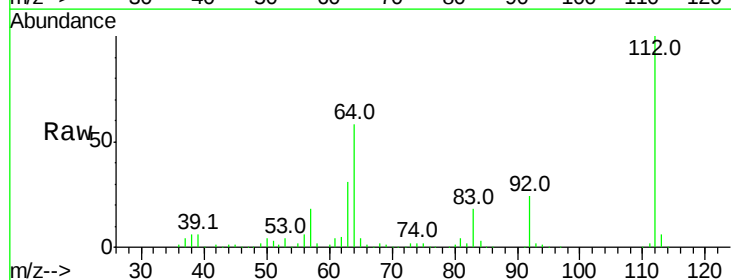
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



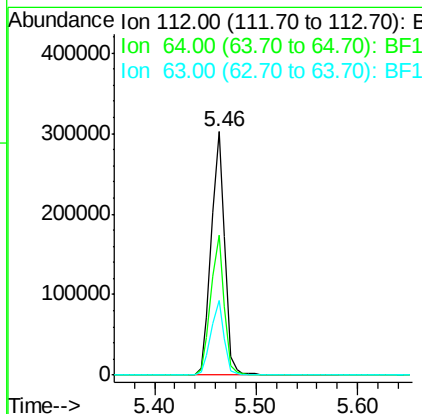
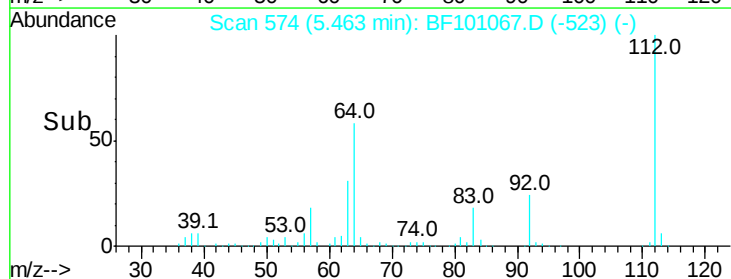
#5

2-Fluorophenol
Concen: 85.847 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Tgt Ion:112 Resp: 281727
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.8 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: 88.195 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-01

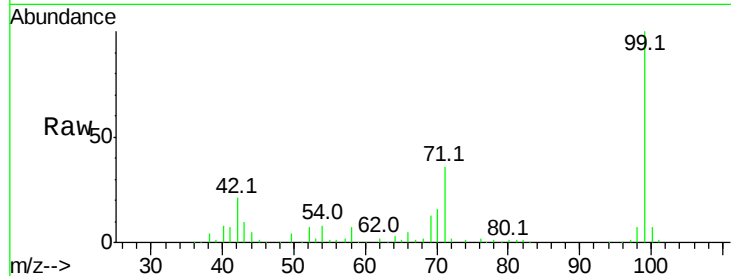
Tot Ion: 99 Resp: 351401

Ion Ratio Lower Upper

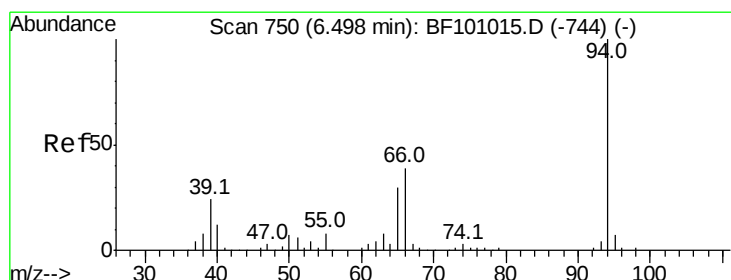
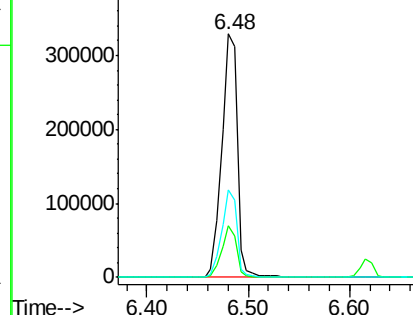
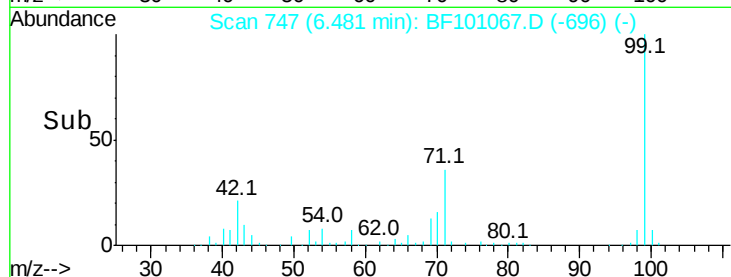
99 100

42 21.2 14.5 21.7

71 36.2 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: 3.040 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

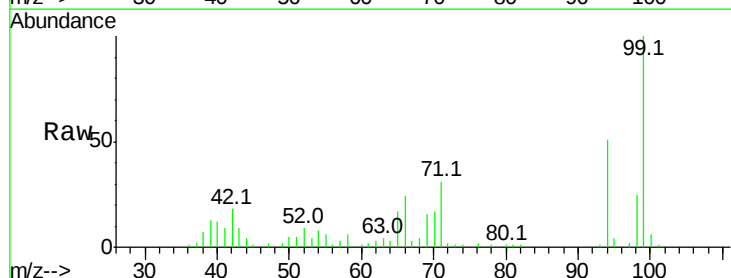
Tgt Ion: 94 Resp: 13469

Ion Ratio Lower Upper

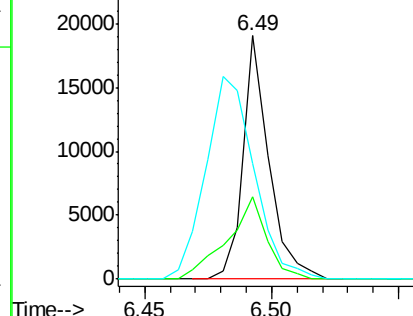
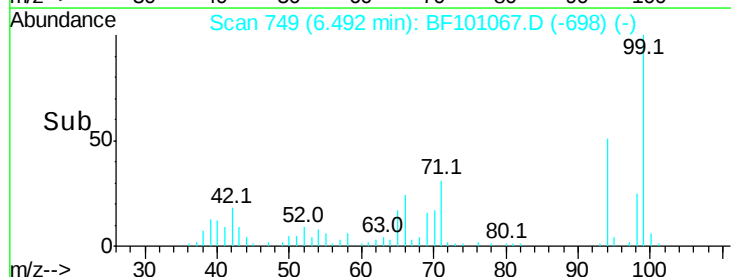
94 100

65 33.6 7.9 47.9

66 47.4 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

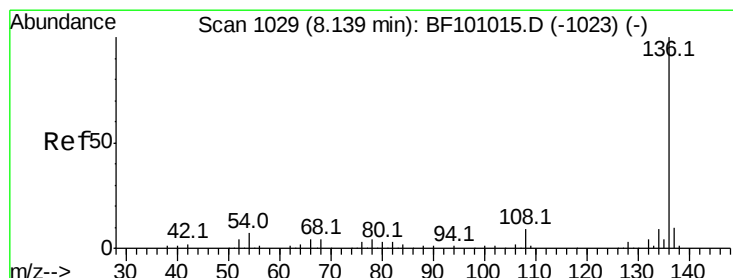
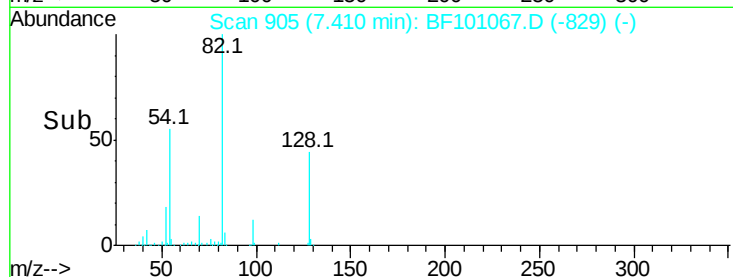
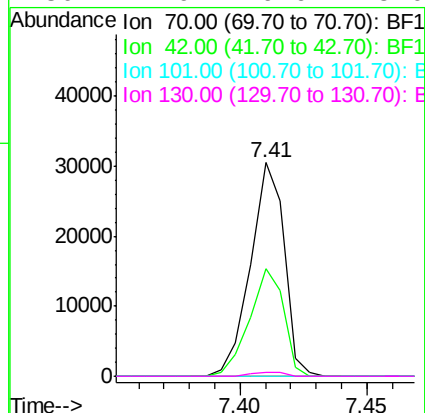
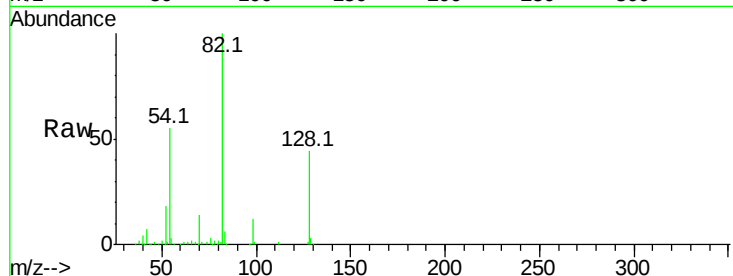




#19
n-Nitroso-di-n-propylamine
Concen: 10.565 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

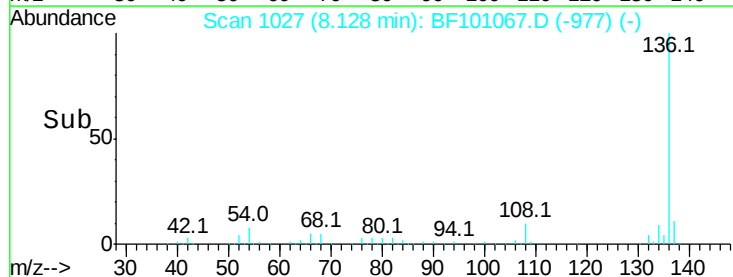
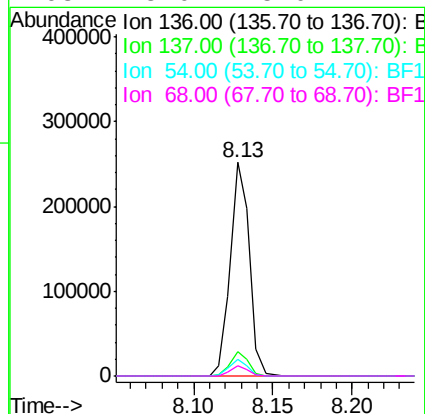
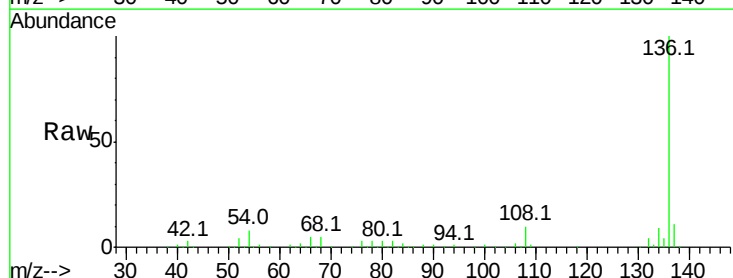
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-01

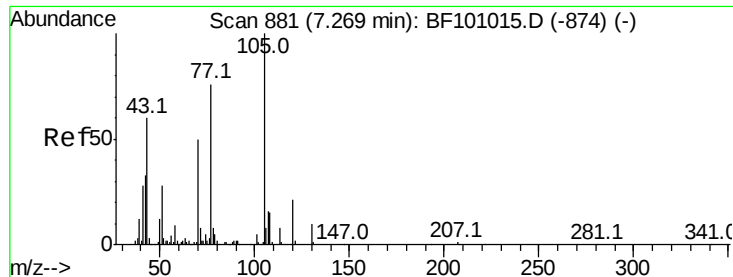
Tot Ion: 70 Resp: 28348
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Tgt Ion:136 Resp: 210432
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.6 9.8
68 5.0 5.0 7.4

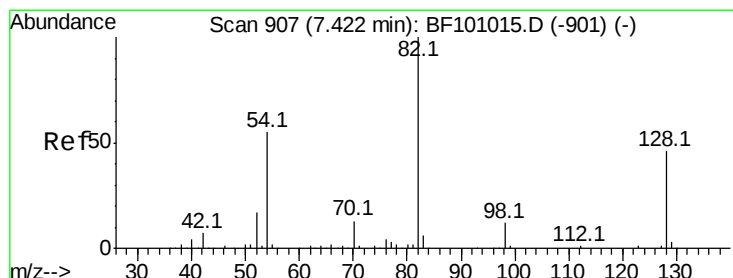
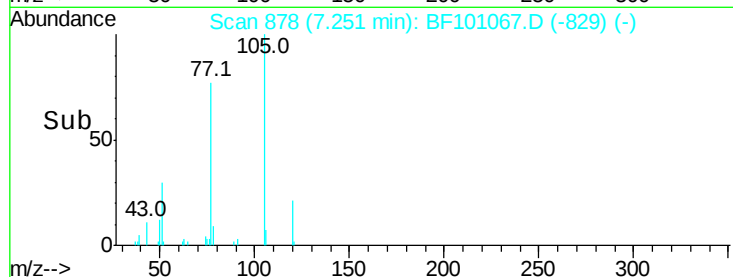
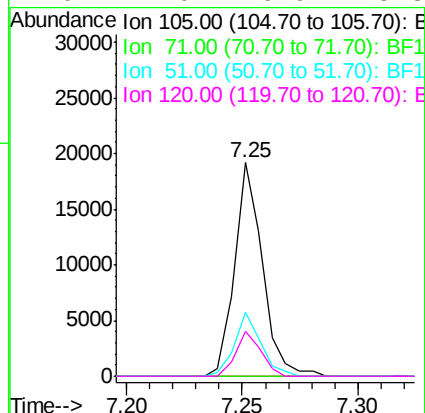
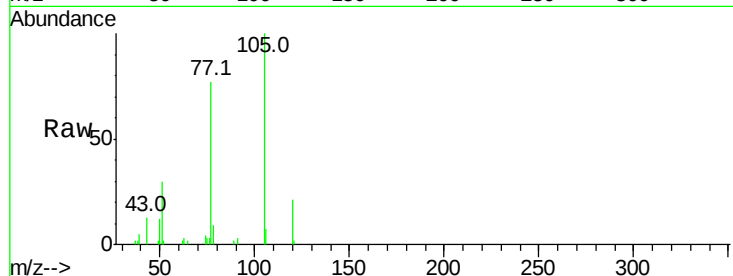




#22
Acetophenone
Concen: 3.165 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

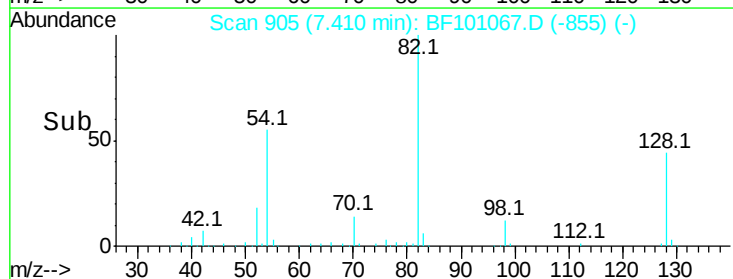
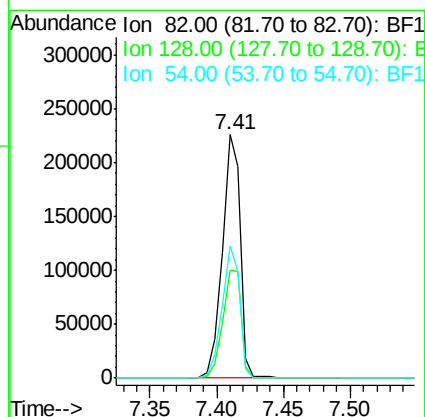
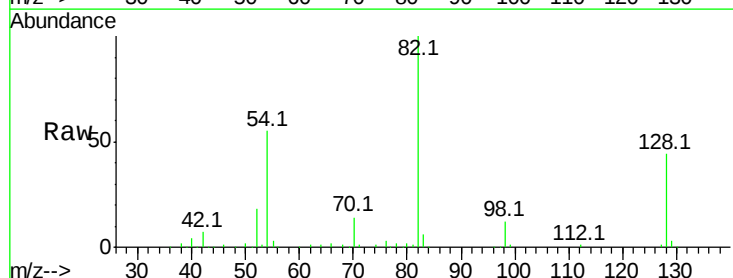
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-01

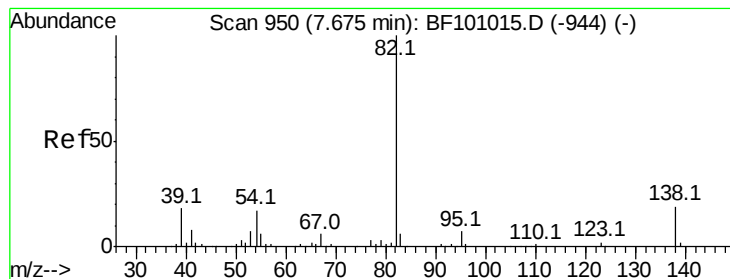
Tot Ion:105 Resp: 16089
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 29.9 22.3 33.5
120 21.0 16.9 25.3



#23
Nitrobenzene-d5
Concen: 60.558 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Tgt Ion: 82 Resp: 213624
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 54.5 41.4 62.2





#25

Isophorone

Concen: 35.453 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-01

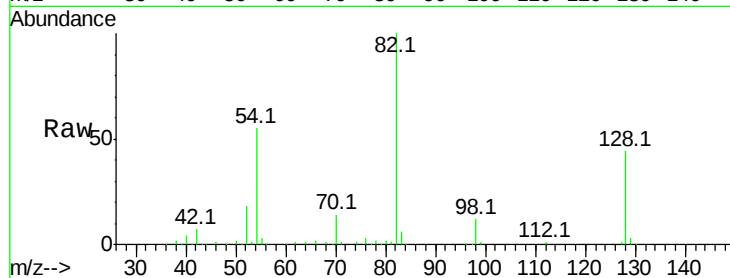
Tot Ion: 82 Resp: 213622

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

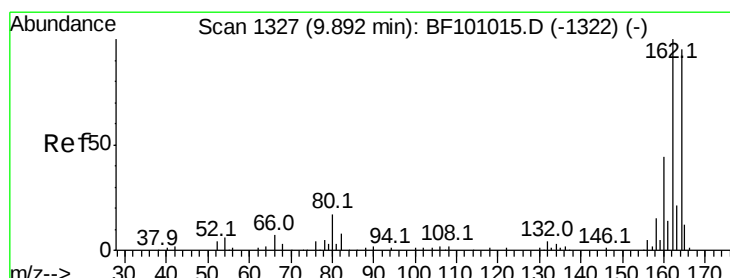
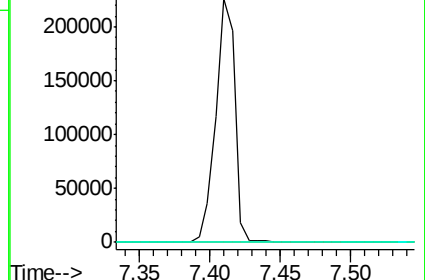
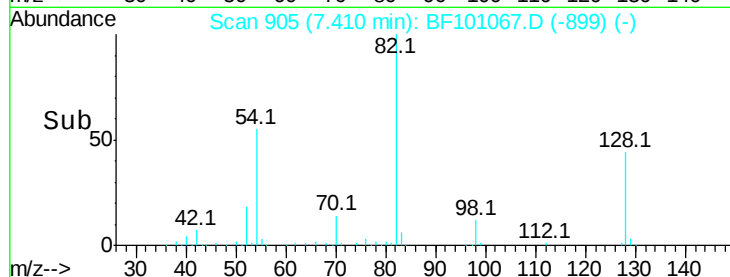
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

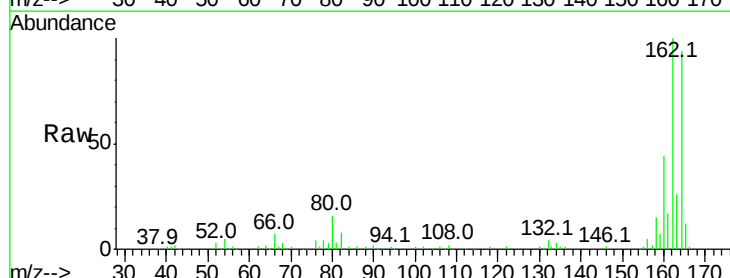
Tgt Ion:164 Resp: 92021

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

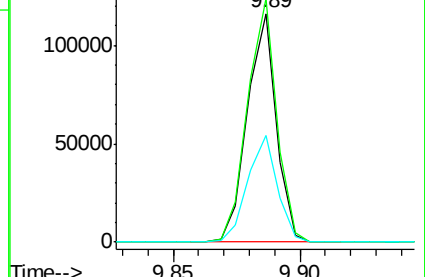
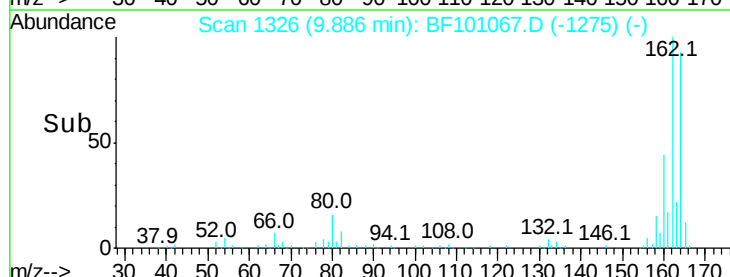
160 46.6 38.3 57.5

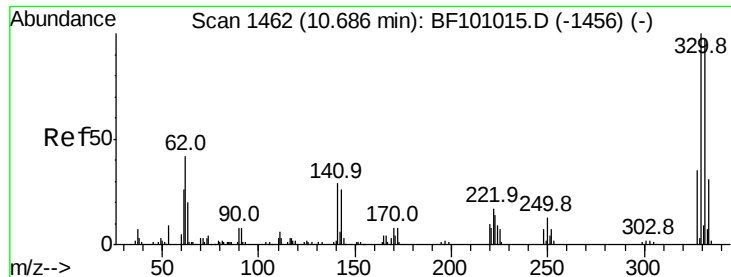


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

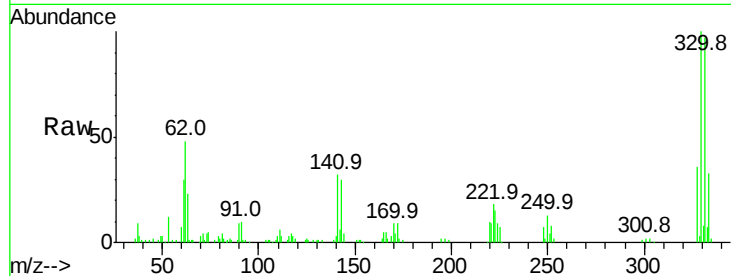




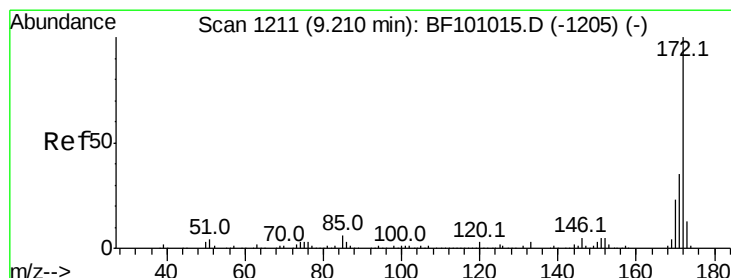
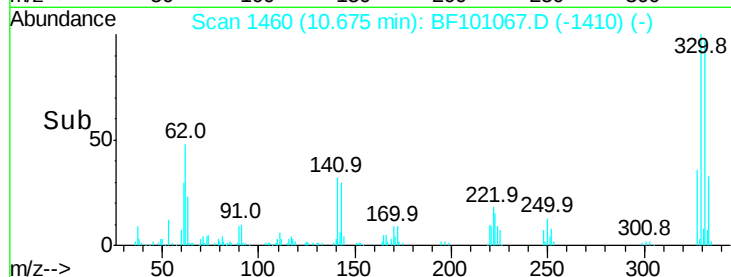
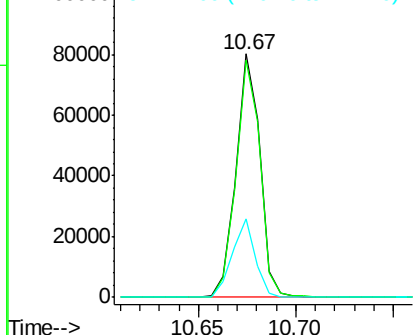
#41
 2,4,6-Tribromophenol
 Concen: 61.669 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-01

Tot Ion:330 Resp: 68171
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 31.0 29.9 44.9

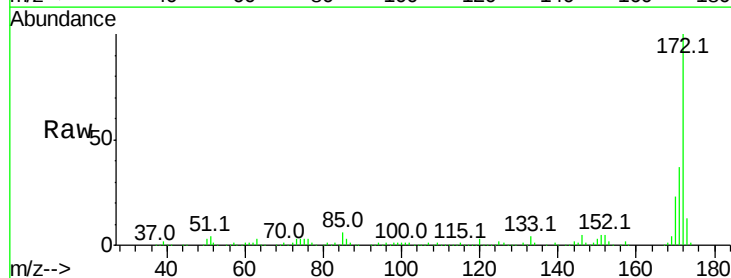


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

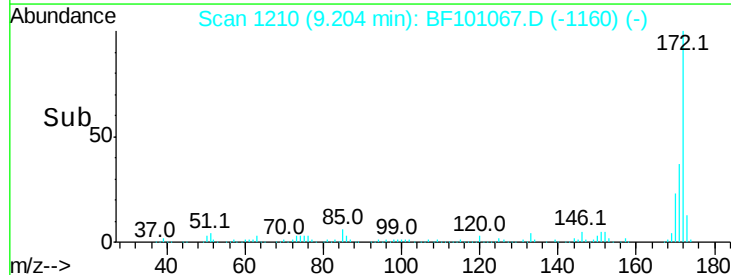
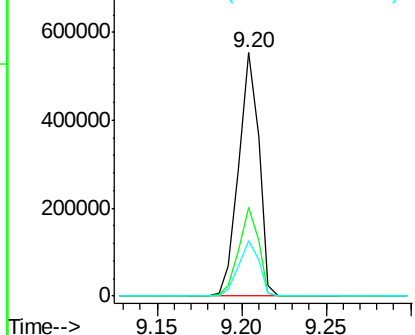


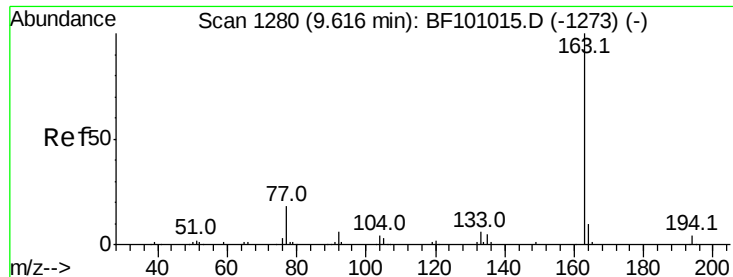
#44
 2-Fluorobiphenyl
 Concen: 68.655 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

Tgt Ion:172 Resp: 461755
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.0 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

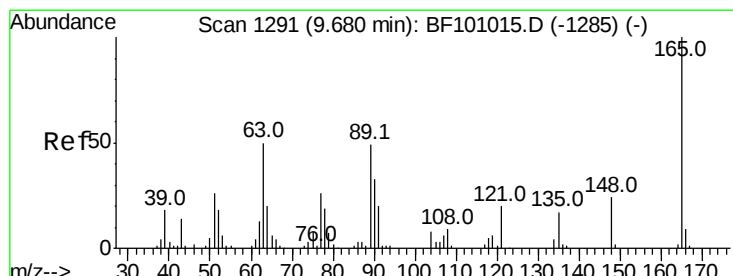
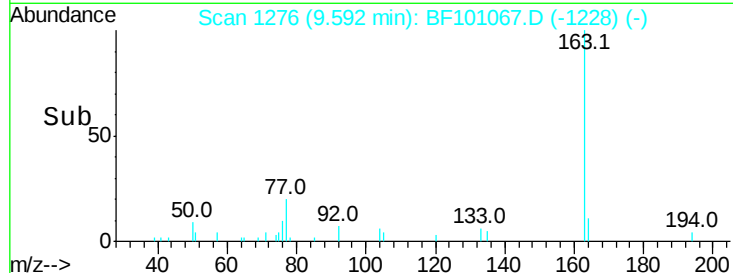
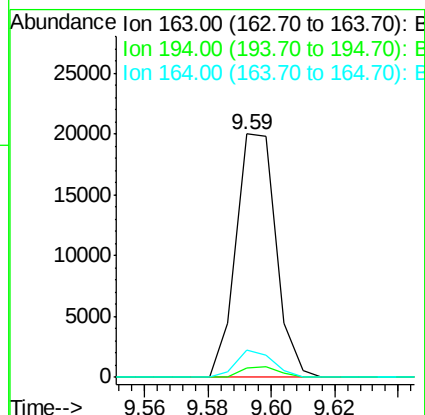
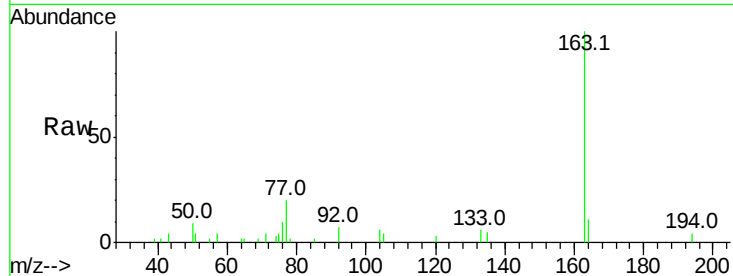




#49
Dimethylphthalate
Concen: 2.345 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

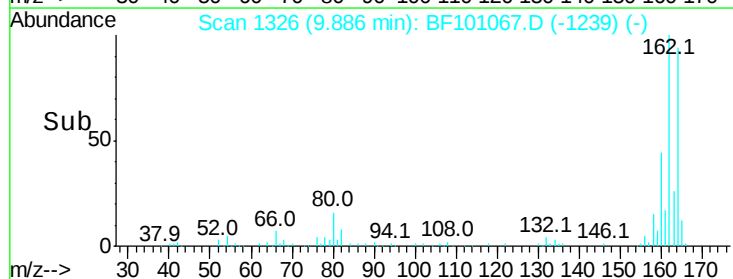
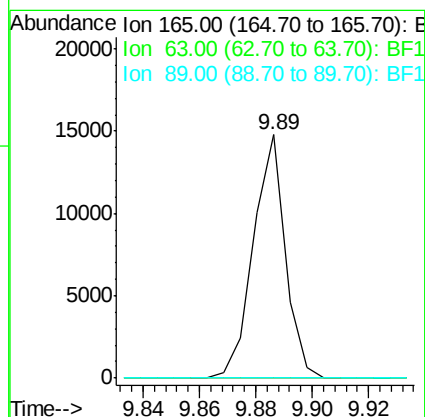
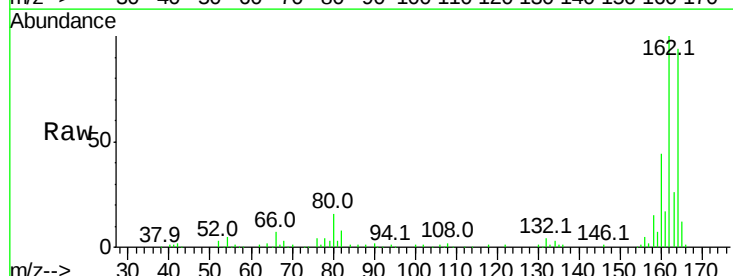
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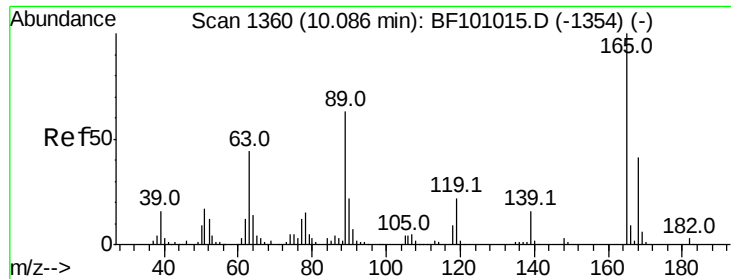
Tot Ion:163 Resp: 17402
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.431 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Tgt Ion:165 Resp: 11615
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

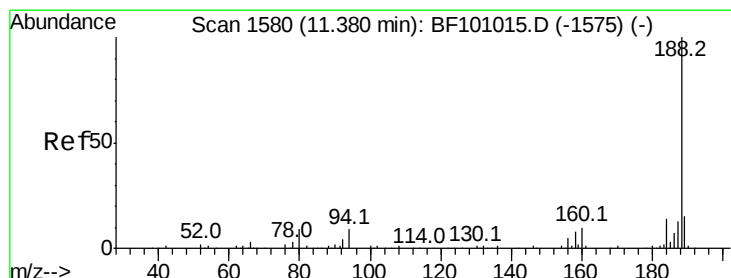
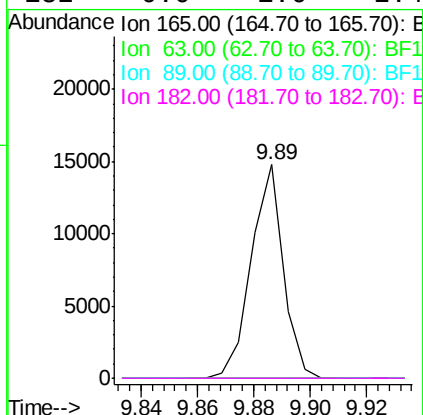
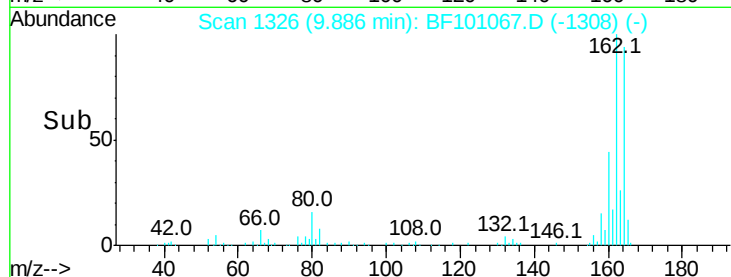
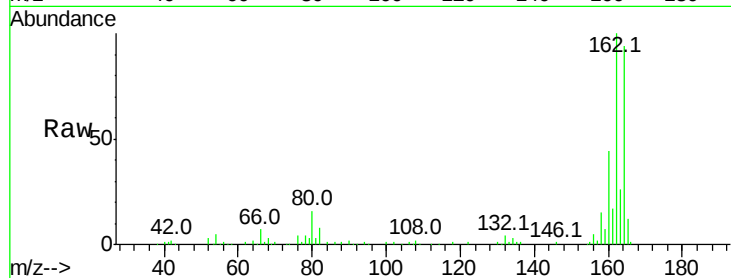




#56
 2,4-Dinitrotoluene
 Concen: 5.545 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

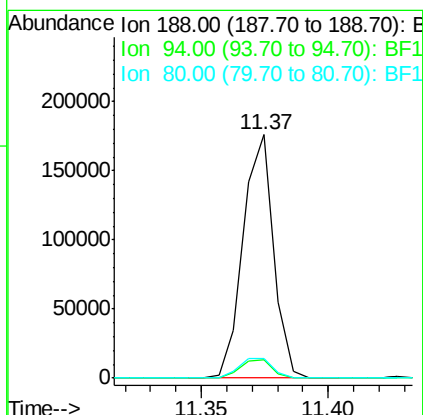
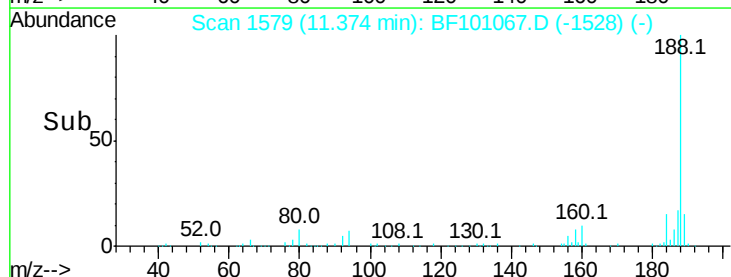
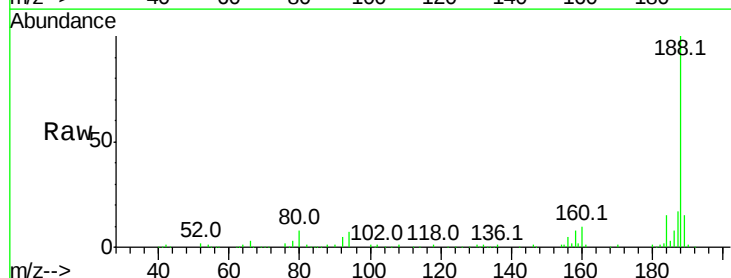
Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-01

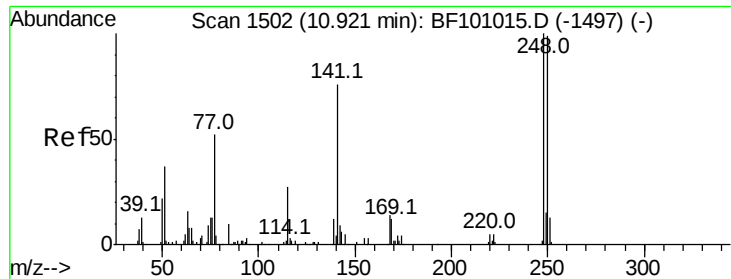
Tot Ion:165	Resp:	11615
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

Tgt Ion:188	Resp:	146808
Ion Ratio	Lower	Upper
188	100	
94	7.4	8.5 12.7#
80	7.9	9.2 13.8#

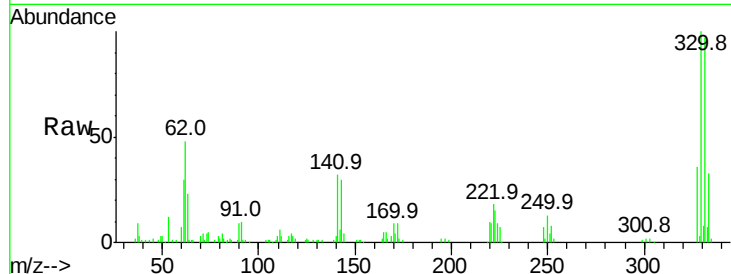




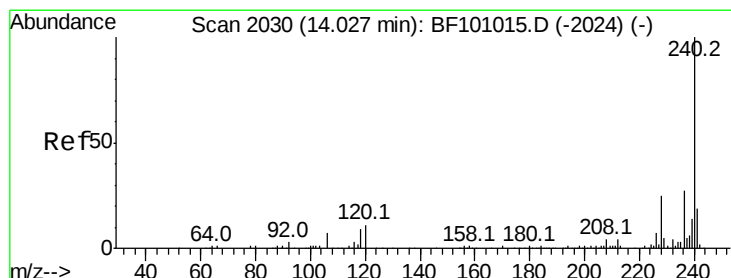
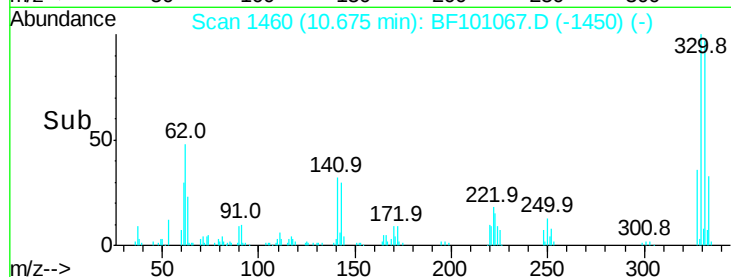
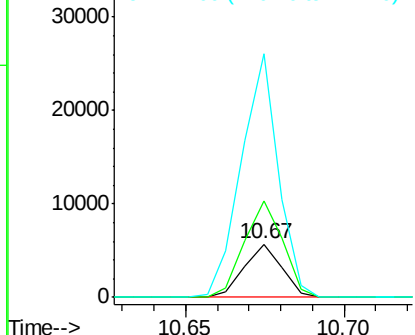
#66
 4-Bromophenyl-phenylether
 Concen: 2.843 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-01

Tot Ion:248 Resp: 4671
 Ion Ratio Lower Upper
 248 100
 250 181.9 76.9 115.3#
 141 459.8 74.4 111.6#

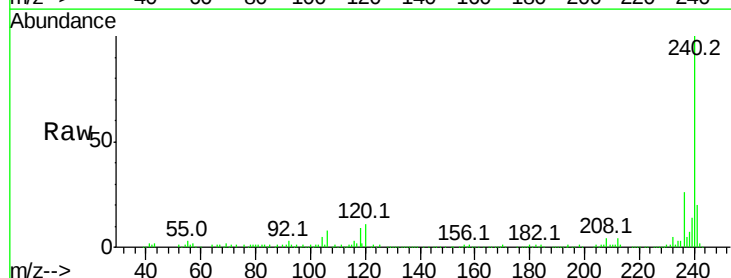


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

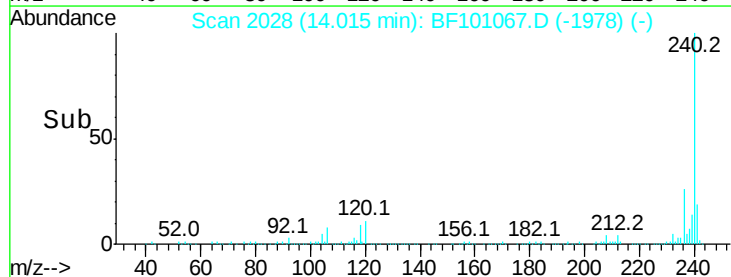
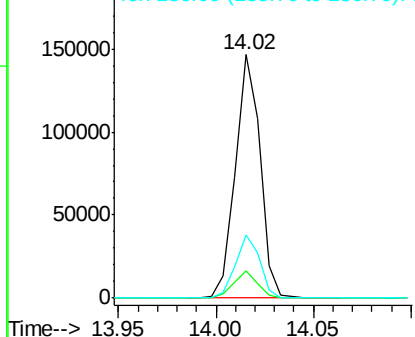


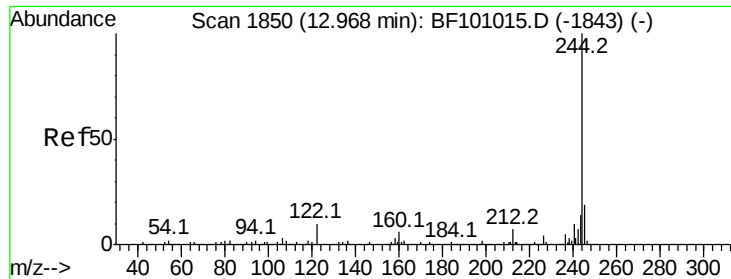
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101067.D
 Acq: 1 Dec 2017 17:04

Tgt Ion:240 Resp: 129208
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.1 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: 55.382 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-01

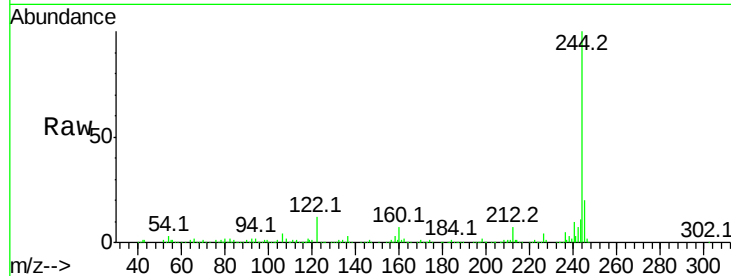
Tot Ion:244 Resp: 327158

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

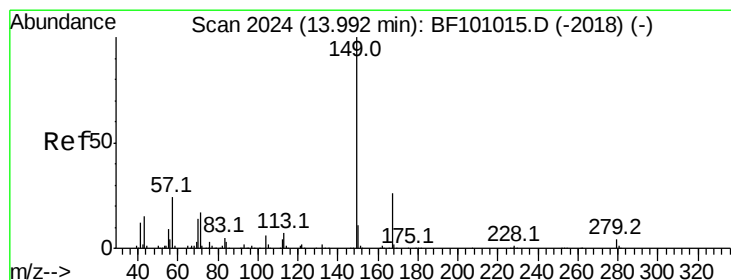
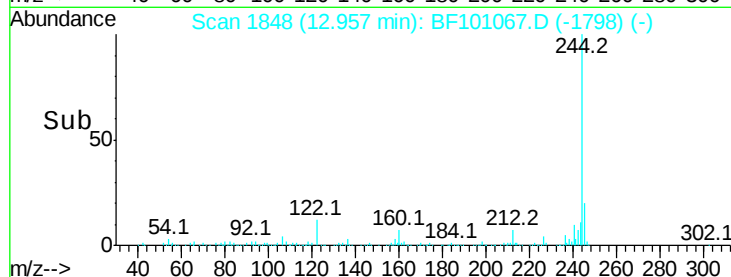
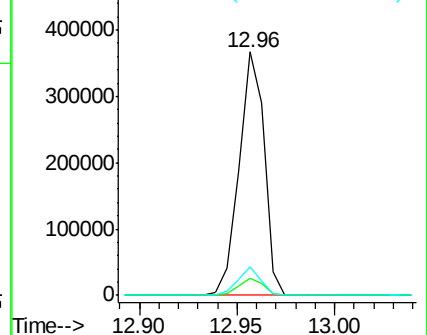
122 11.7 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.587 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101067.D

Acq: 1 Dec 2017 17:04

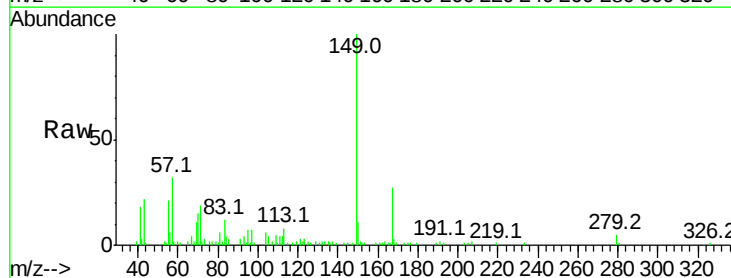
Tgt Ion:149 Resp: 31314

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

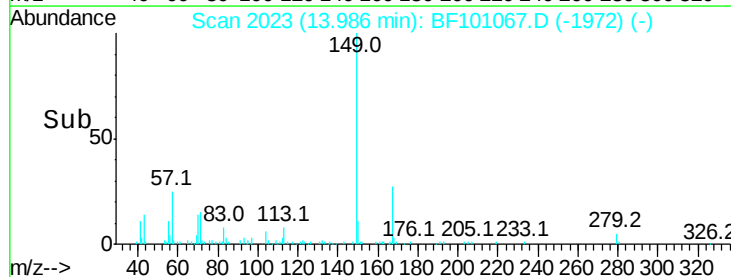
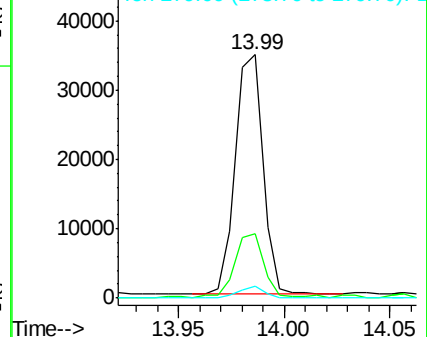
279 4.7 3.0 4.4#

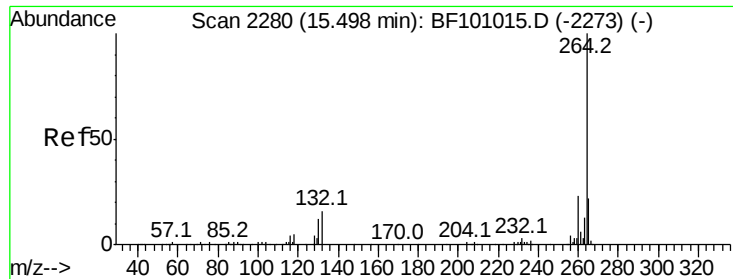


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101067.D
Acq: 1 Dec 2017 17:04

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-01

Tot Ion:	264	Resp:	114666
Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.2	28.8
265	20.3	17.5	26.3

