

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100886.D
 Acq On : 27 Nov 2017 12:38
 Operator : SJ/JU
 Sample : I6574-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:55:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

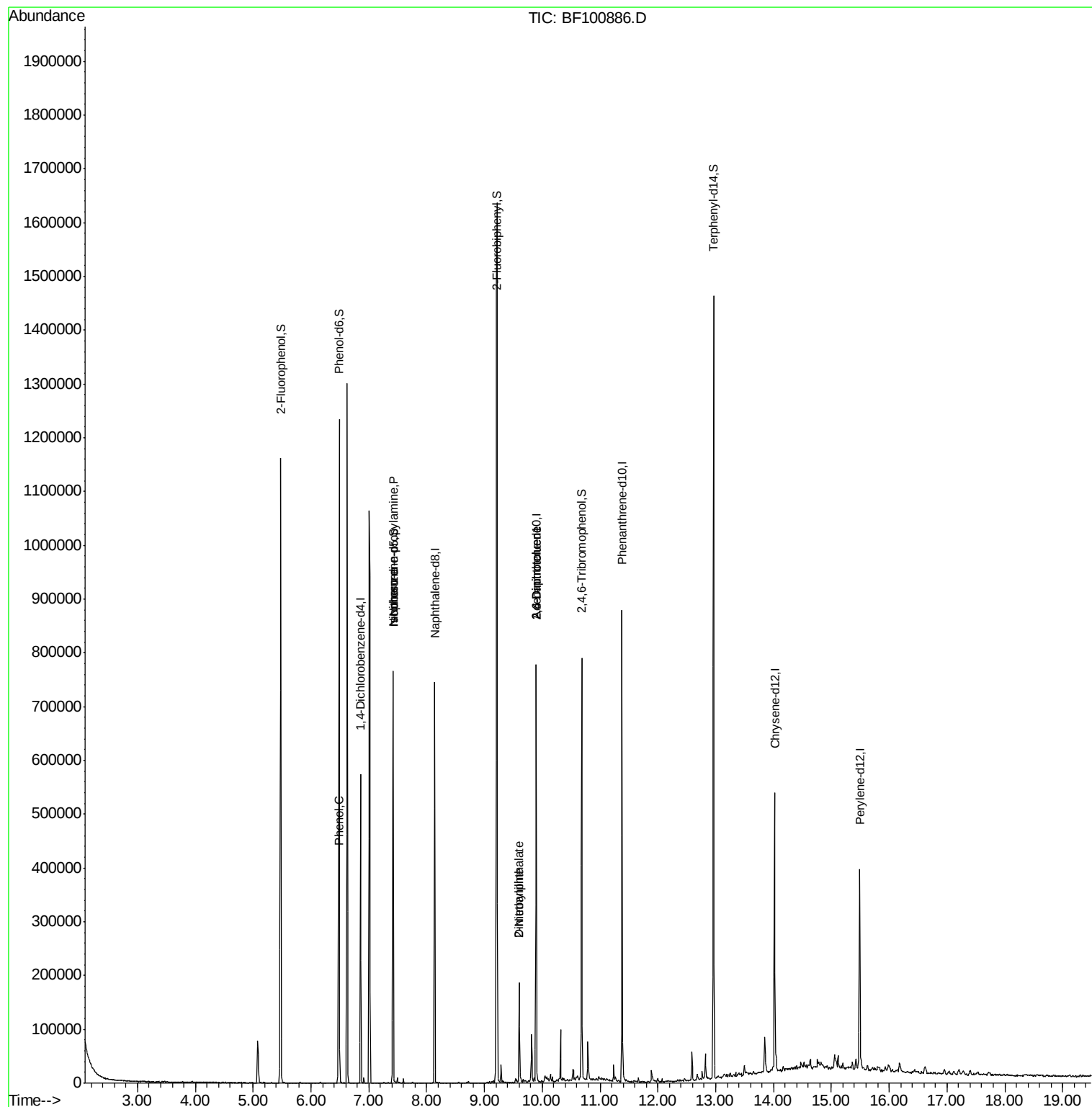
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80041	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	322078	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	153672	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	294091	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176795	20.00	ng	0.00
86) Perylene-d12	15.49	264	171373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	310193	62.12	ng	0.00
7) Phenol-d6	6.49	99	405382	65.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	258060	52.97	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95133	60.75	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	546338	54.14	ng	0.00
78) Terphenyl-d14	12.96	244	521135	67.73	ng	0.00
Target Compounds						
10) Phenol	6.50	94	13577	2.100	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	33271	7.792	ng	# 78
25) Isophorone	7.42	82	258057	25.208	ng	# 64
47) 2-Nitroaniline	9.60	65	612	2.986	ng	# 1
49) Dimethylphthalate	9.60	163	65880	5.615	ng	100
50) 2,6-Dinitrotoluene	9.89	165	19348	8.331	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	19348	6.604	ng	# 23

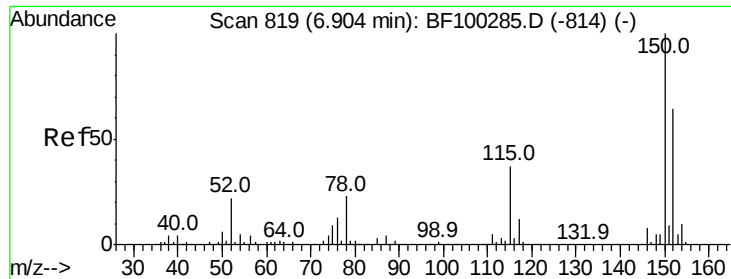
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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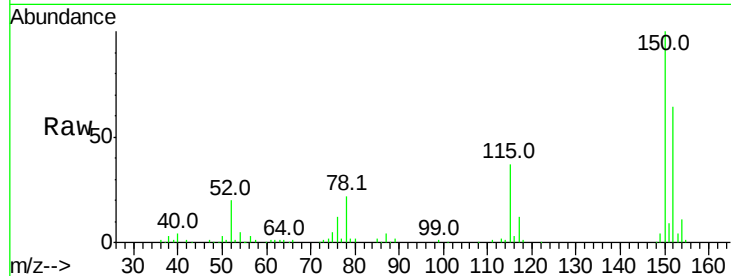


#1

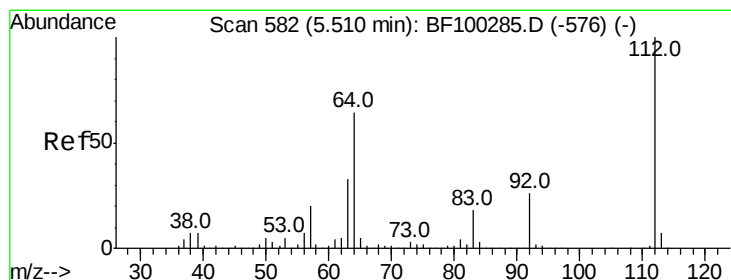
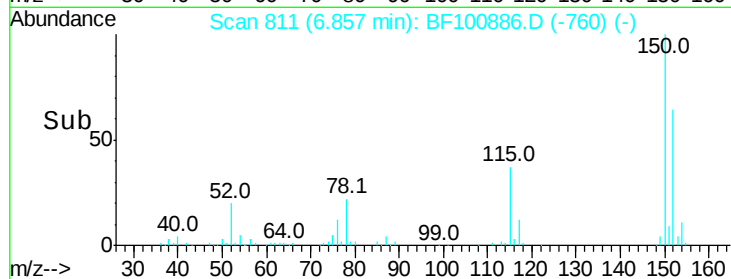
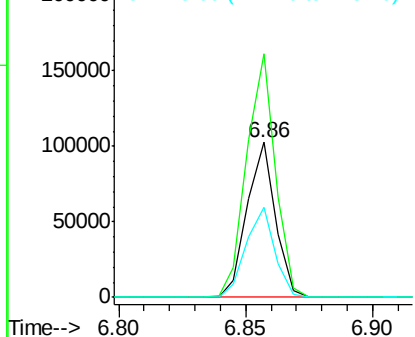
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80041
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.4 50.1 75.1



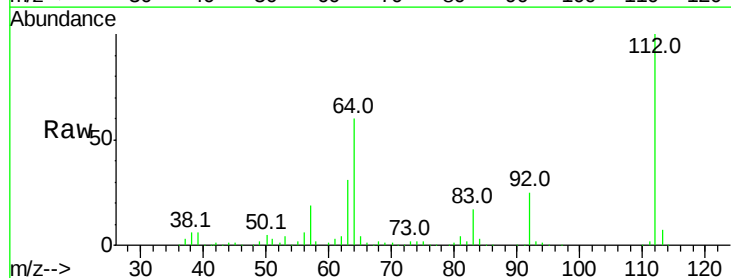
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



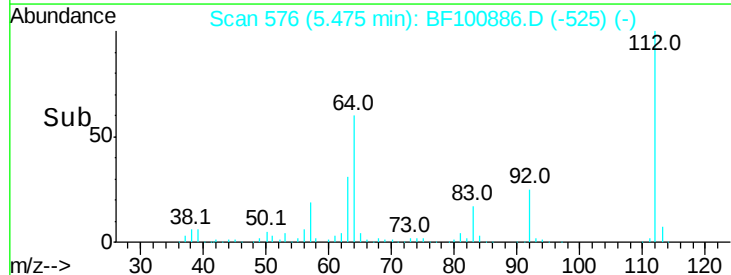
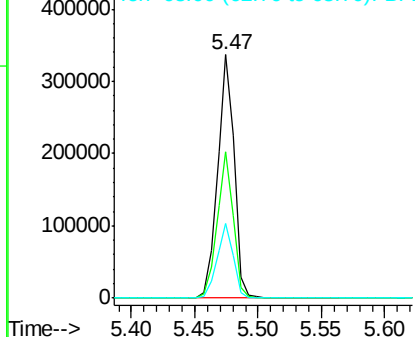
#5

2-Fluorophenol
Concen: 62.123 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:112 Resp: 310193
Ion Ratio Lower Upper
112 100
64 60.0 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: 65.837 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100886.D

Acq: 27 Nov 2017 12:38

Instrument :

BNA_F

ClientSampled :

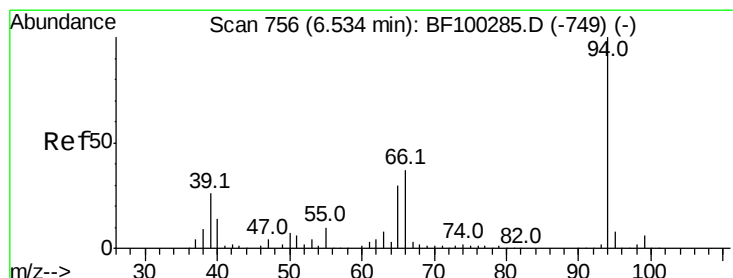
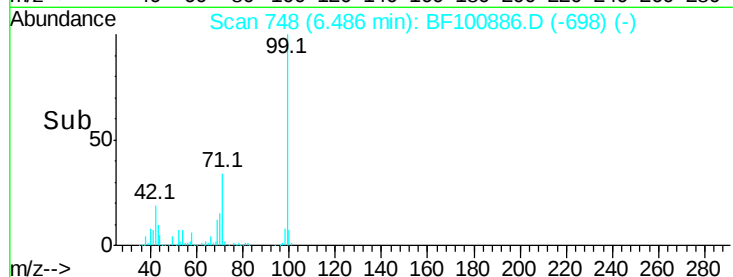
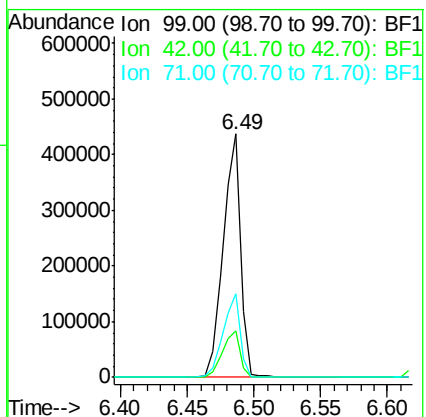
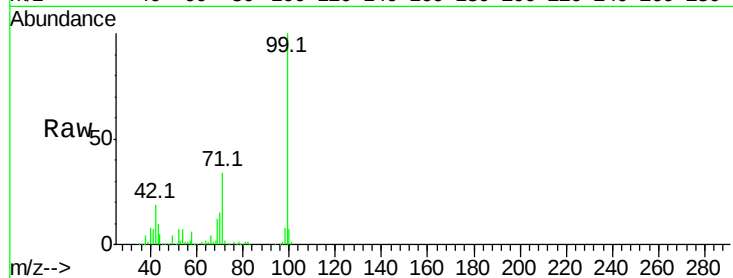
Tot Ion: 99 Resp: 405382

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.1 25.4 38.0



#10

Phenol

Concen: 2.100 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100886.D

Acq: 27 Nov 2017 12:38

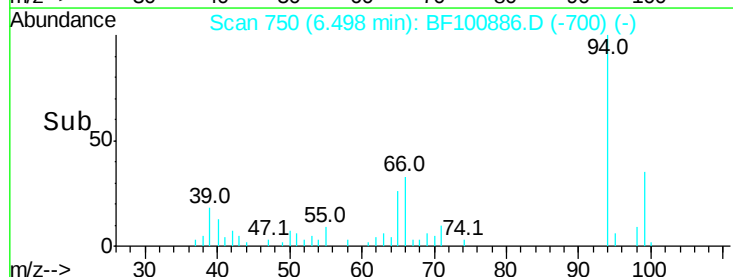
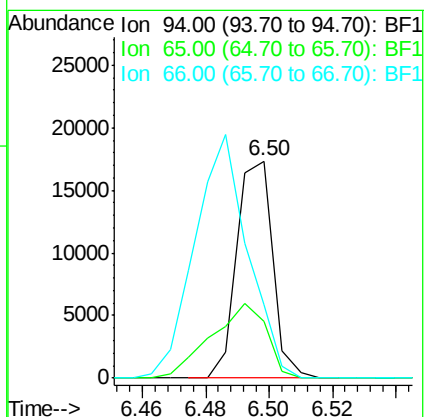
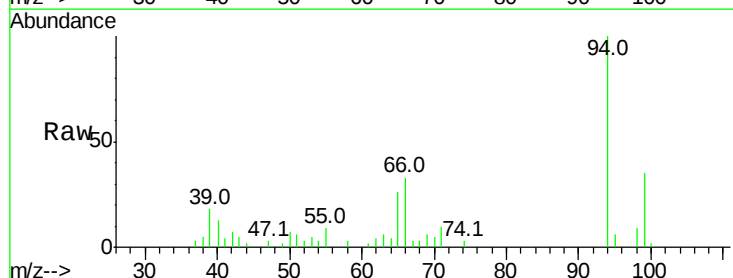
Tgt Ion: 94 Resp: 13577

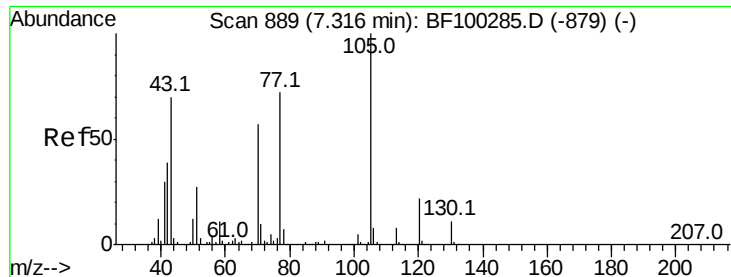
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 33.5 16.2 56.2

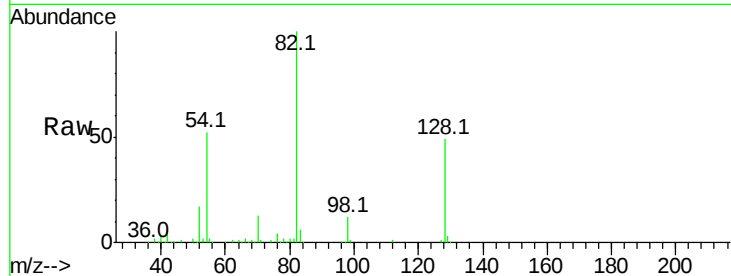




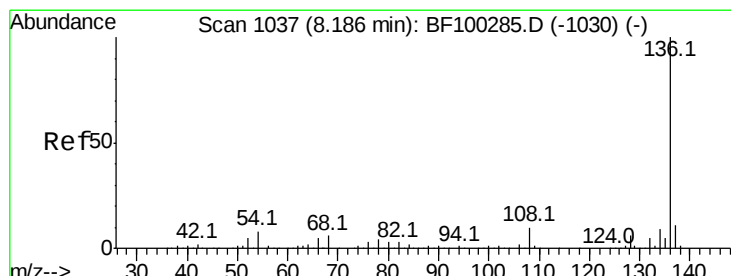
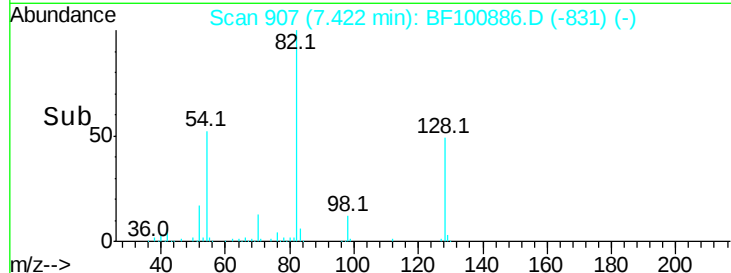
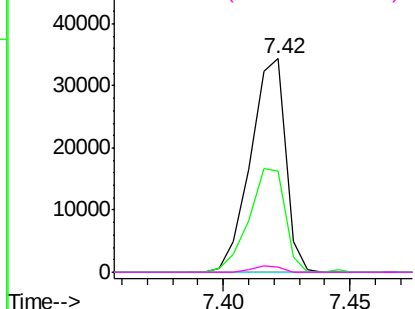
#19
n-Nitroso-di-n-propylamine
Concen: 7.792 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 33271
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

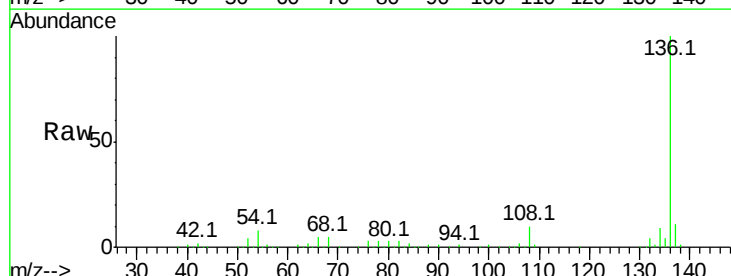


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

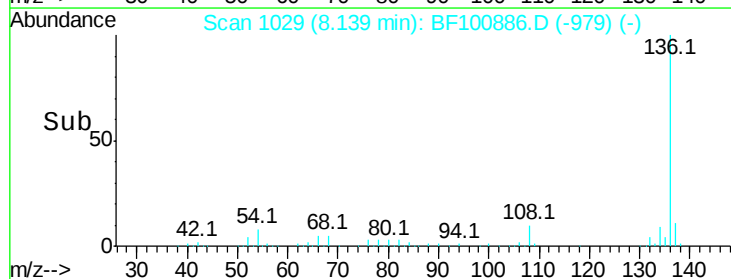
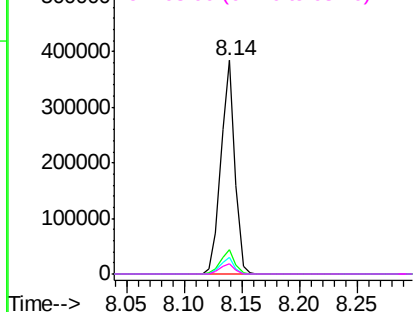


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:136 Resp: 322078
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 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

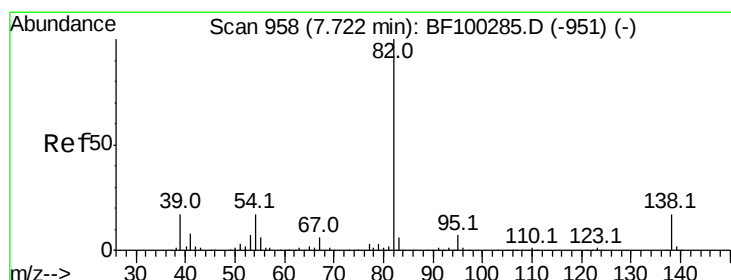
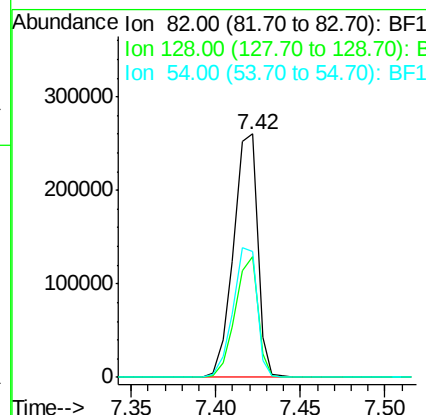
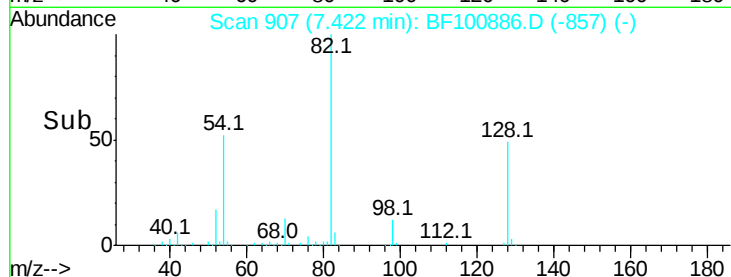
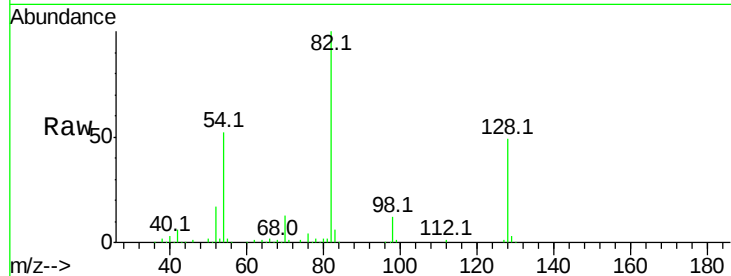




#23
 Nitrobenzene-d5
 Concen: 52.972 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

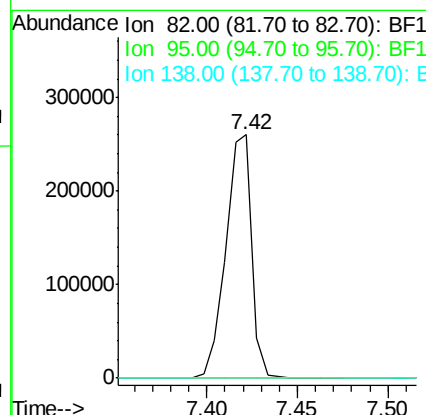
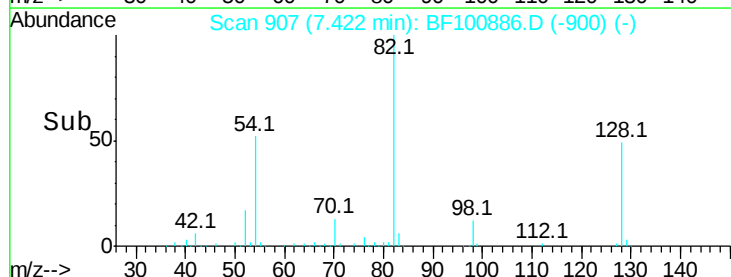
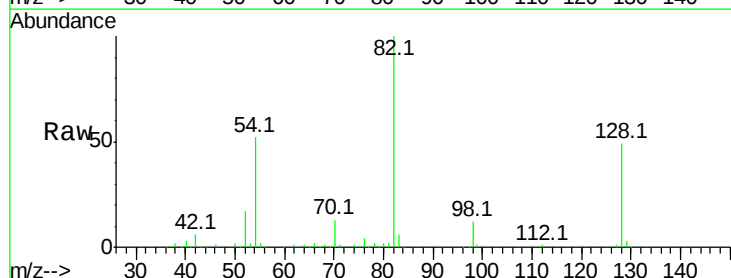
Instrument :
 BNA_F
 ClientSampleId :

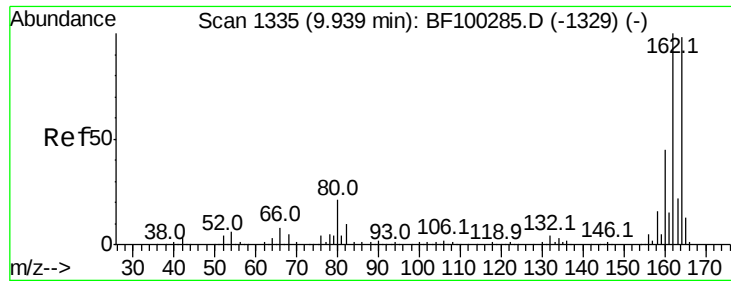
Tot Ion: 82 Resp: 258060
 Ion Ratio Lower Upper
 82 100
 128 49.3 36.1 54.1
 54 51.7 41.4 62.2



#25
 Isophorone
 Concen: 25.208 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Tgt Ion: 82 Resp: 258057
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

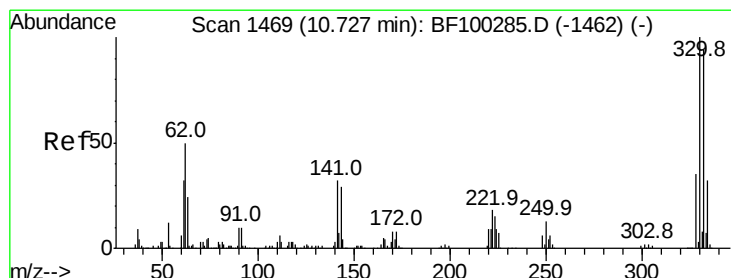
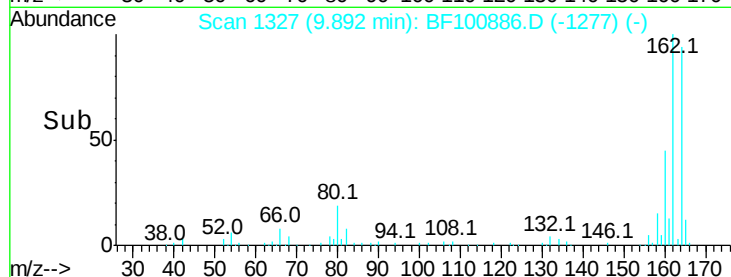
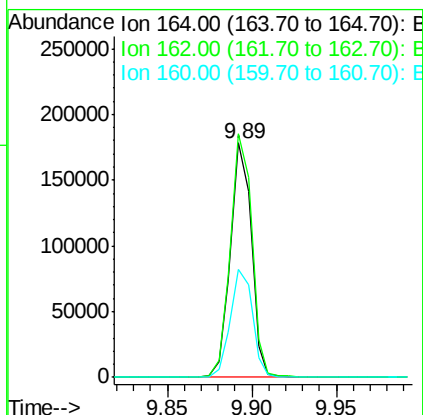
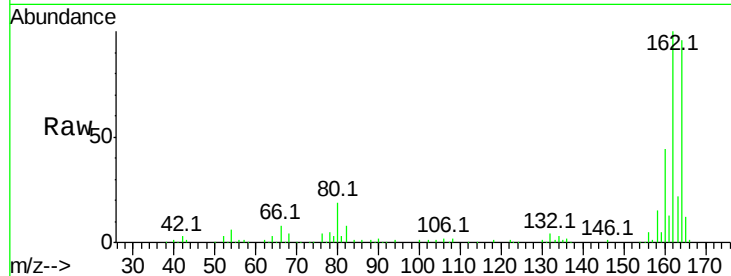




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

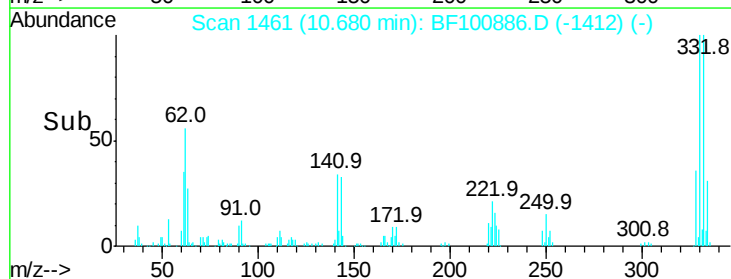
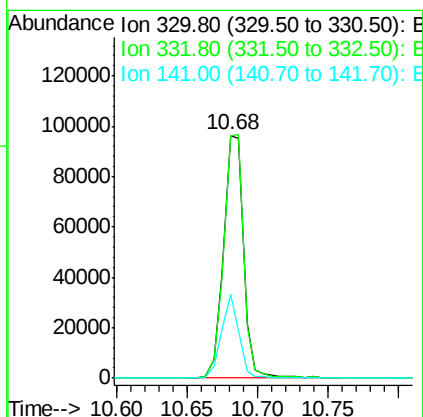
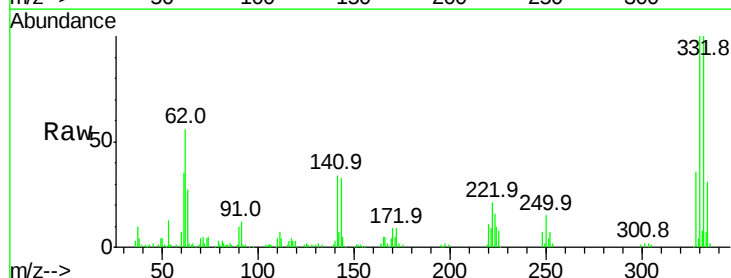
Instrument :
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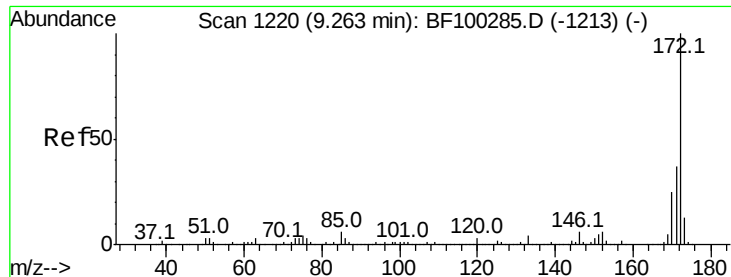
Tot Ion:164 Resp: 153672
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 60.752 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Tgt Ion:330 Resp: 95133
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.0 115.6
 141 29.8 29.9 44.9#

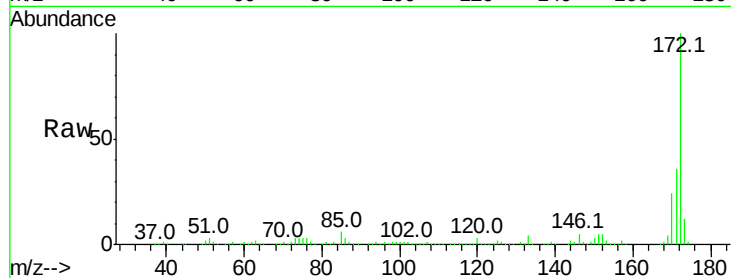




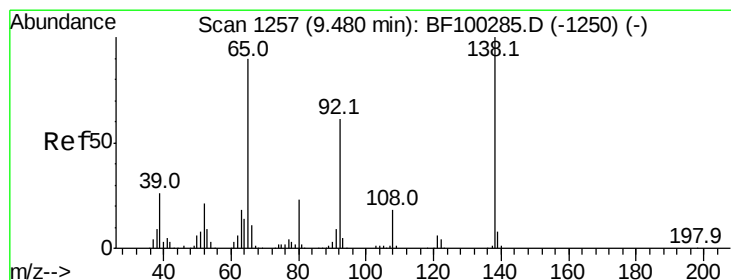
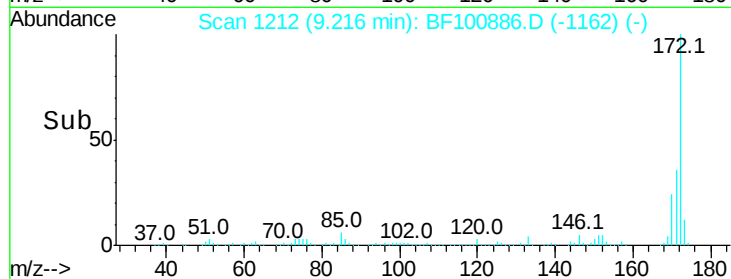
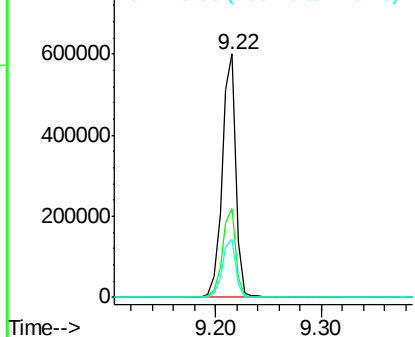
#44
 2-Fluorobiphenyl
 Concen: 54.136 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 546338
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4

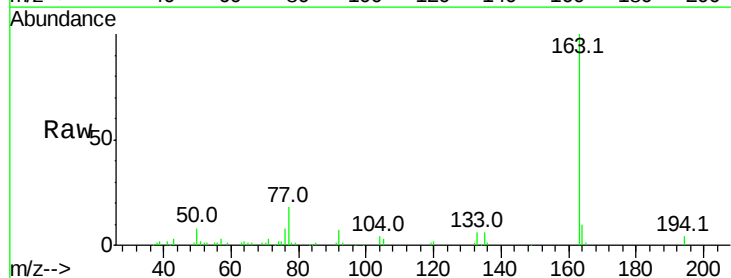


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

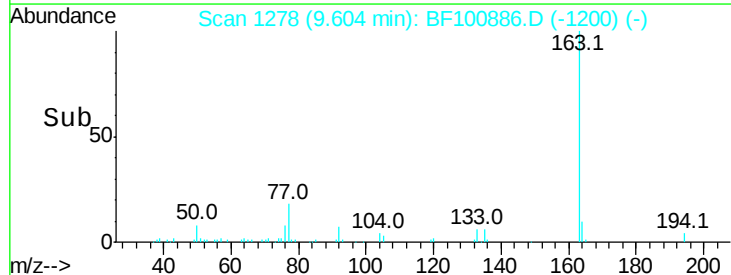
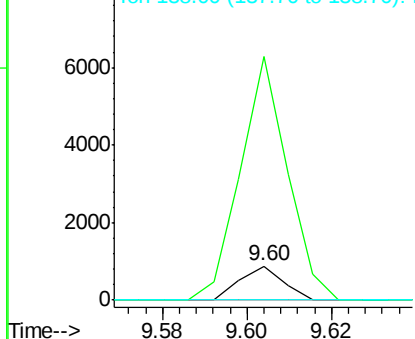


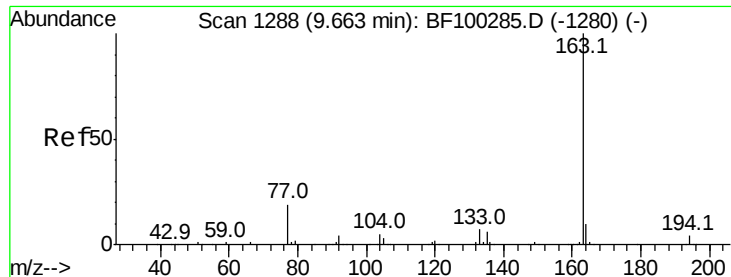
#47
 2-Nitroaniline
 Concen: 2.986 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.16 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Tgt Ion: 65 Resp: 612
 Ion Ratio Lower Upper
 65 100
 92 722.1 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

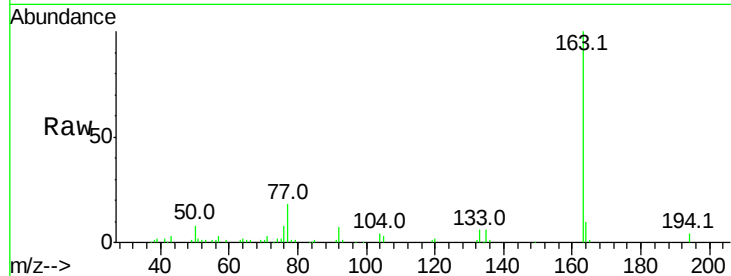




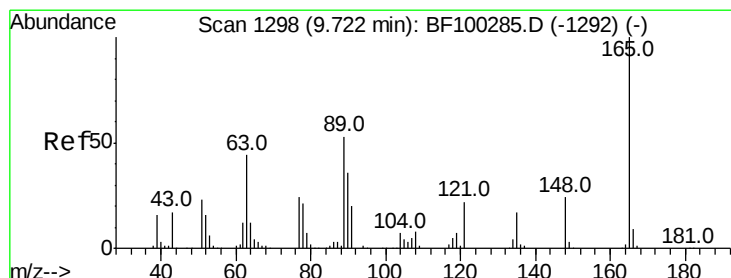
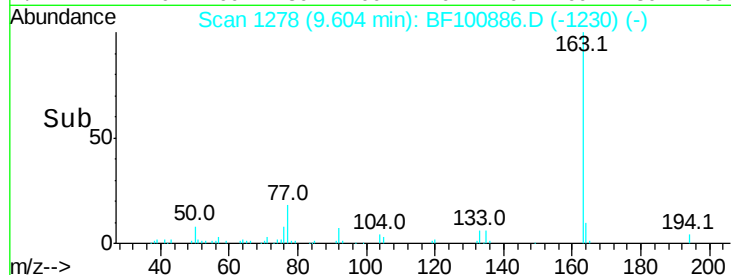
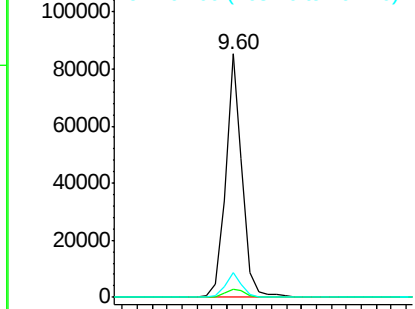
#49
Dimethylphthalate
Concen: 5.615 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 65880
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

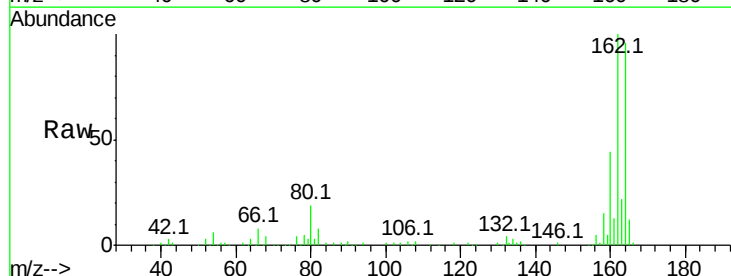


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

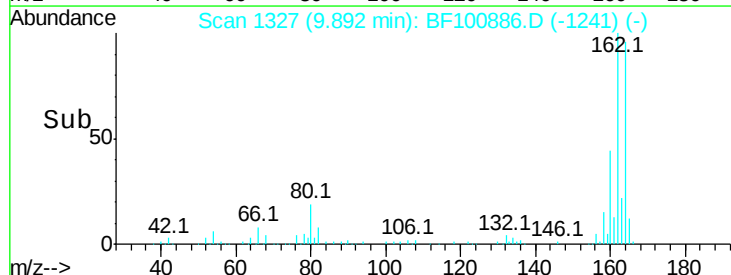
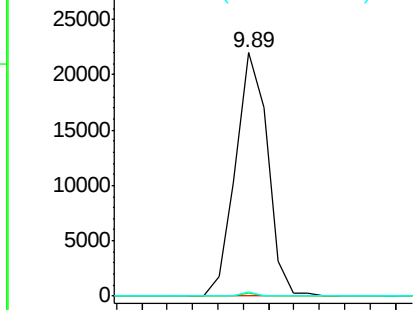


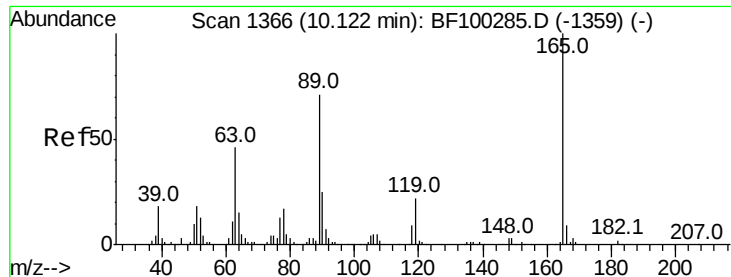
#50
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:165 Resp: 19348
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.6 44.0 66.0#



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

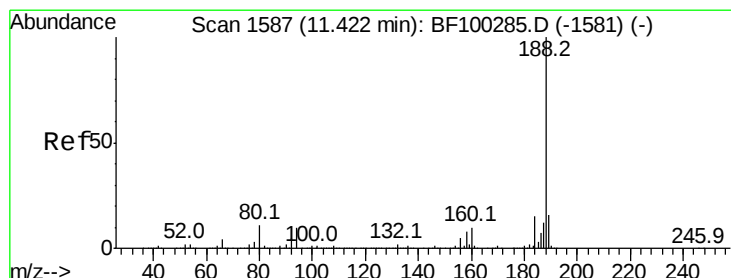
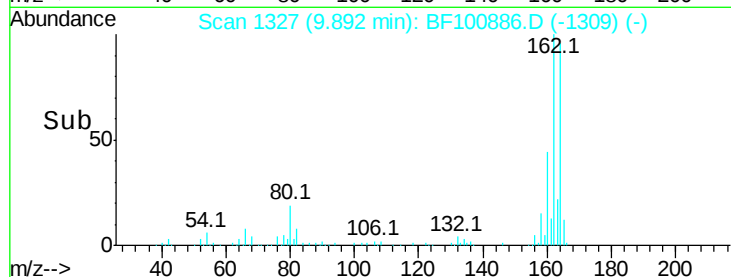
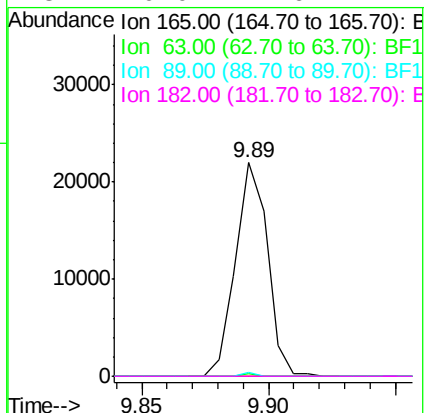
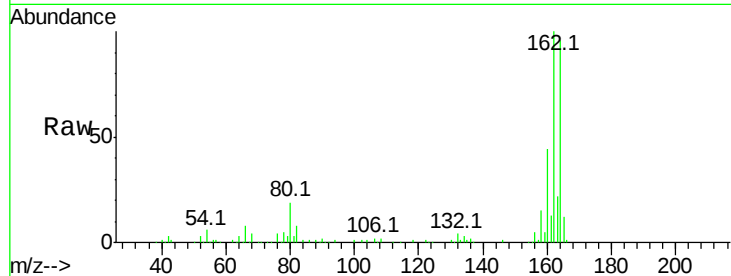




#56
 2,4-Dinitrotoluene
 Concen: 6.604 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

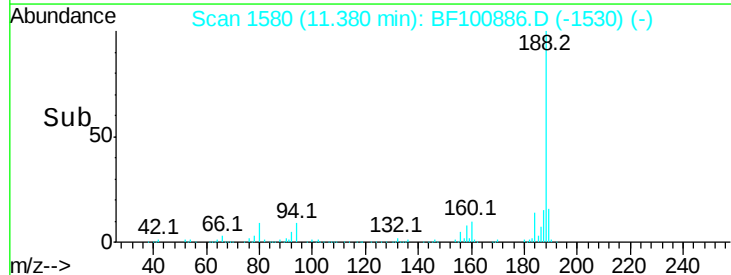
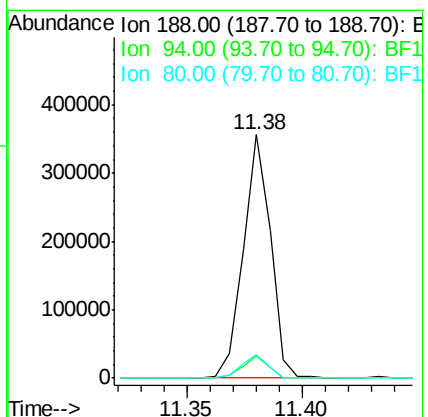
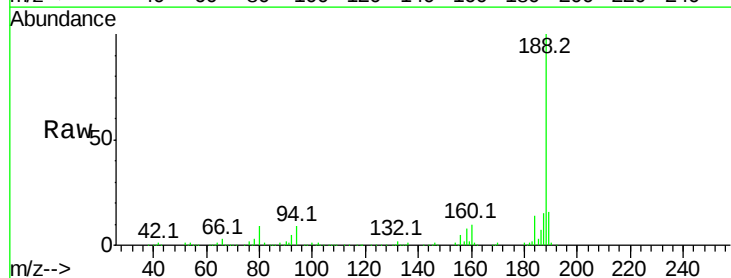
Instrument :
 BNA_F
 ClientSampleId :

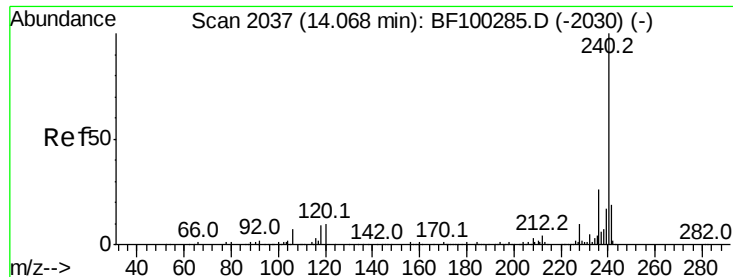
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100886.D

Acq: 27 Nov 2017 12:38

Instrument :

BNA_F

ClientSampled :

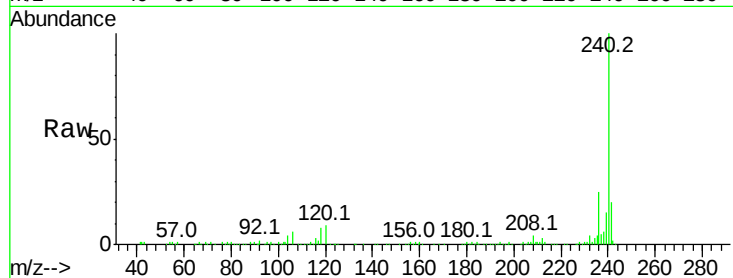
Tot Ion:240 Resp: 176795

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

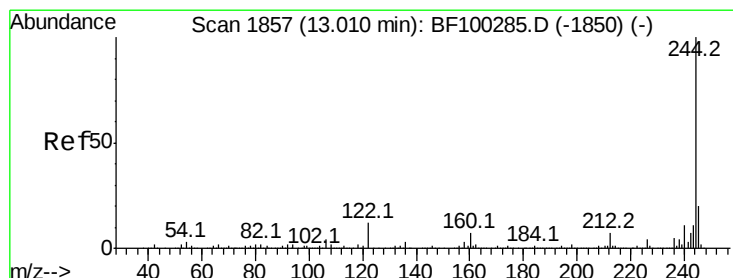
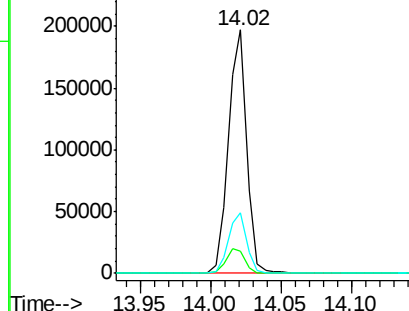
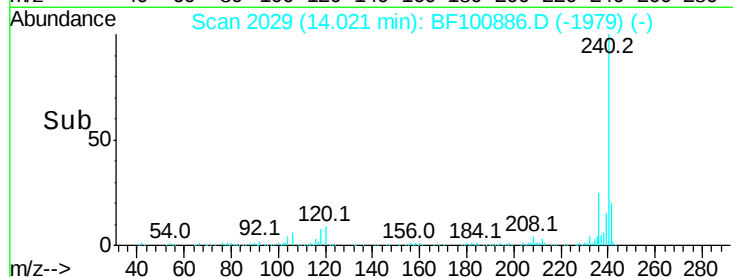
236 25.1 20.7 31.1



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: 67.729 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100886.D

Acq: 27 Nov 2017 12:38

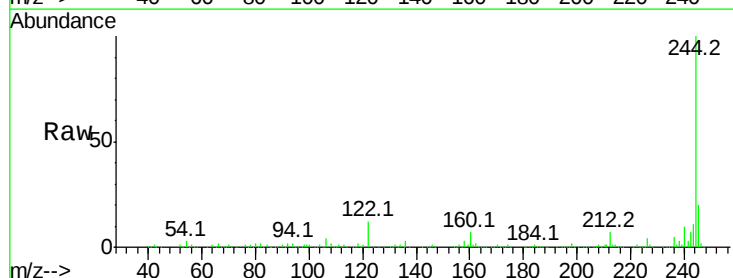
Tgt Ion:244 Resp: 521135

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

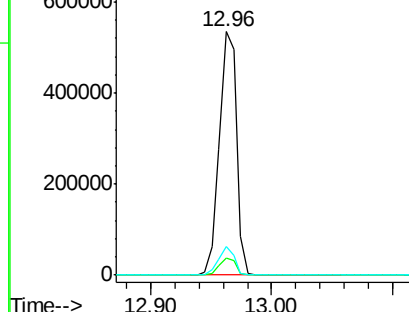
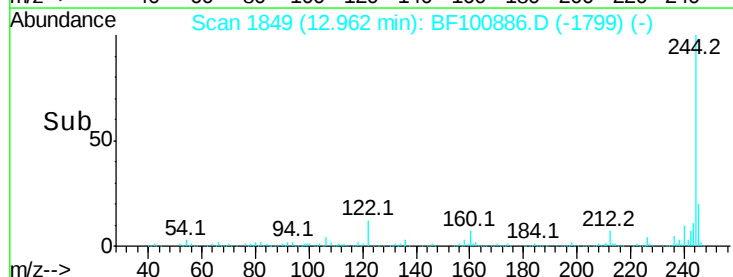
122 11.8 11.0 16.4

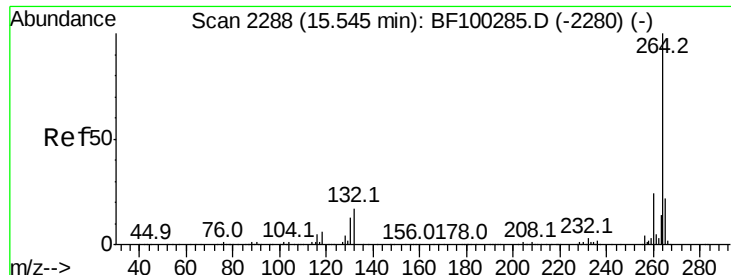


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

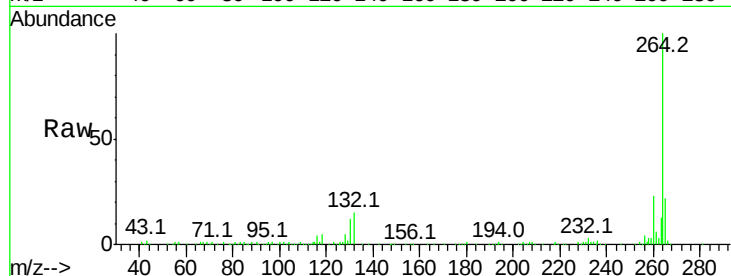




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100886.D
 Acq: 27 Nov 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	171373
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	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

