

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100943.D
 Acq On : 28 Nov 2017 19:27
 Operator : SJ/JU
 Sample : I6602-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 00:40:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

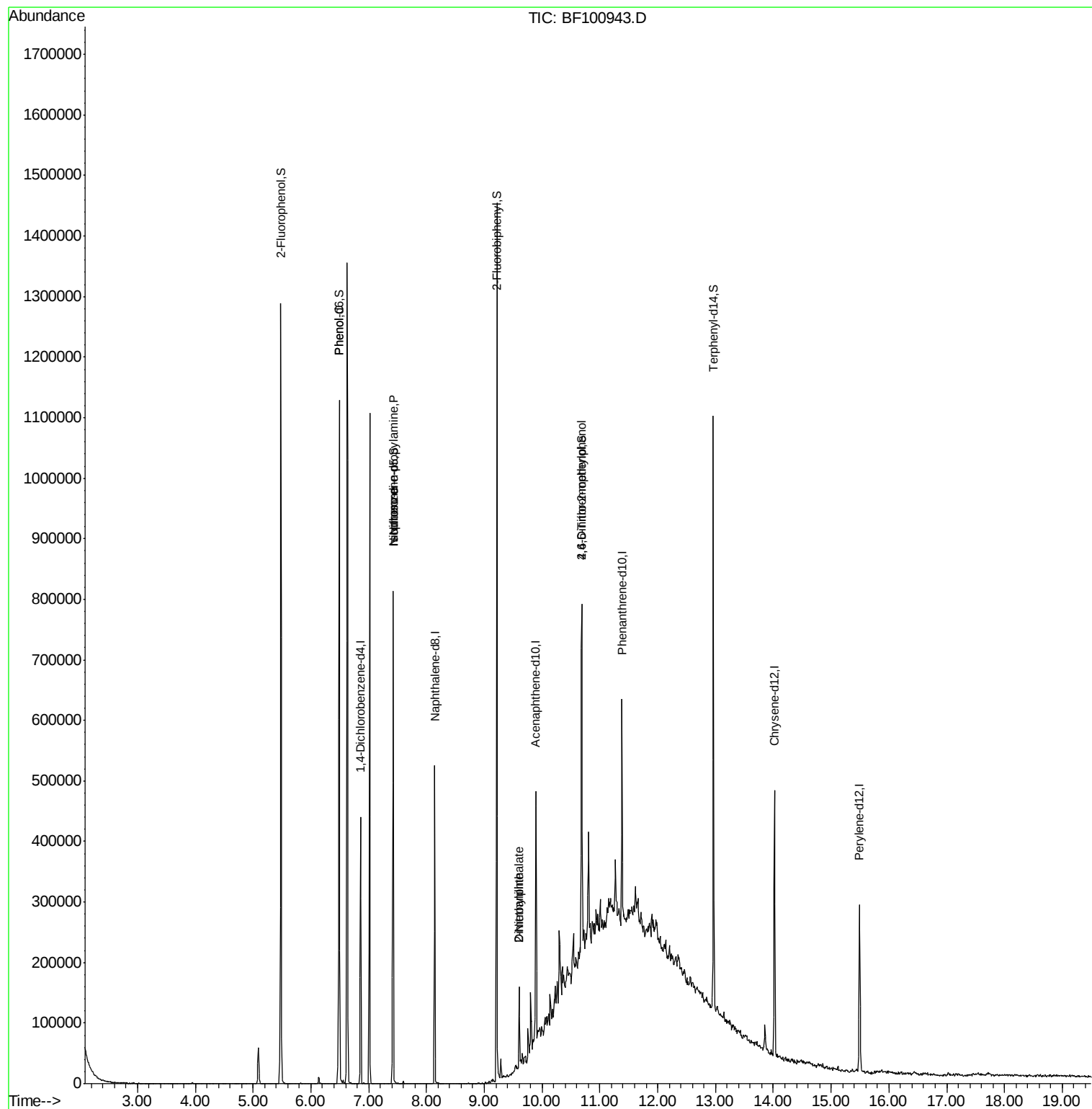
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61198	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	217971	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86806	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	130182	20.00	ng	0.00
75) Chrysene-d12	14.02	240	143777	20.00	ng	0.00
86) Perylene-d12	15.49	264	133638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	342214	89.64	ng	0.00
7) Phenol-d6	6.49	99	400213	85.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	236589	71.76	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	74877	84.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	461081	80.88	ng	0.00
78) Terphenyl-d14	12.96	244	342662	54.76	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12856	2.601	ng	82
19) n-Nitroso-di-n-propylamine	7.42	70	30597	9.372	ng	# 80
25) Isophorone	7.42	82	236584	34.148	ng	# 64
47) 2-Nitroaniline	9.60	65	603	3.137	ng	# 1
49) Dimethylphthalate	9.60	163	37200	5.613	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.69	198	159	8.769	ng	# 1

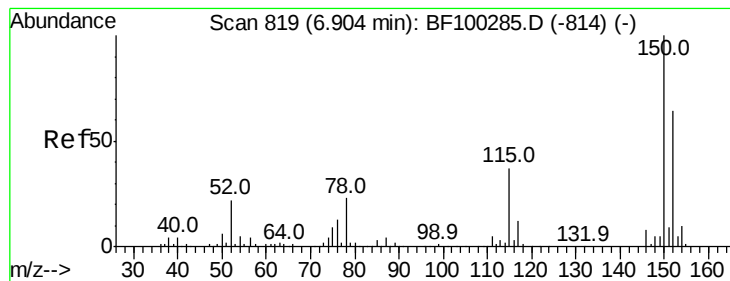
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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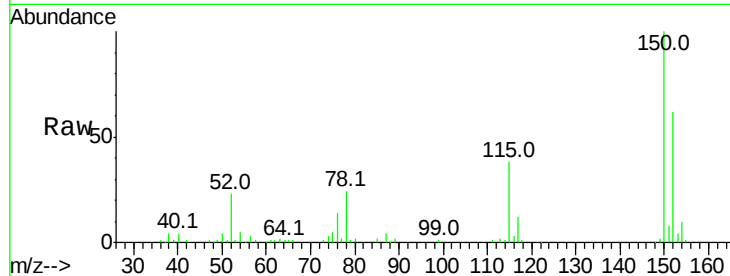


#1

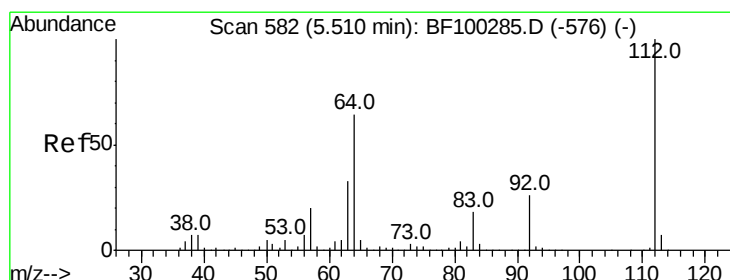
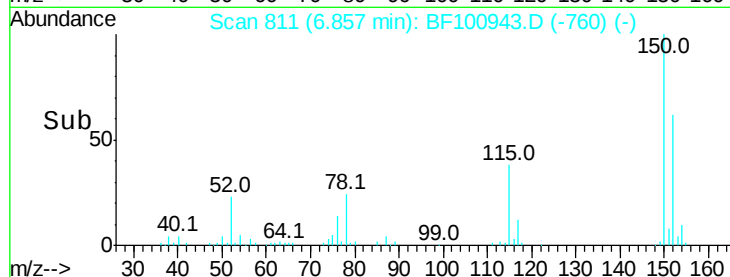
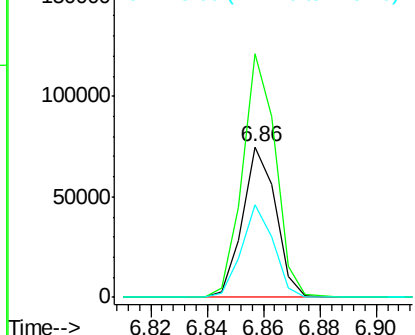
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100943.D
Acq: 28 Nov 2017 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61198
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 61.2 50.1 75.1



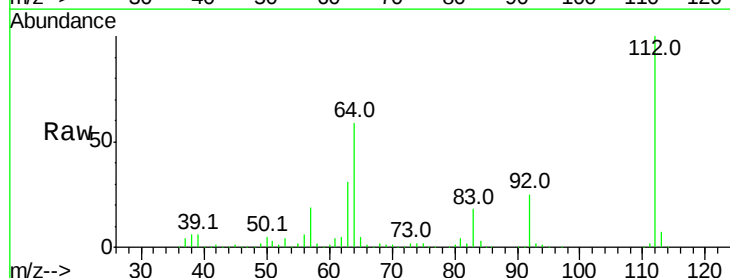
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



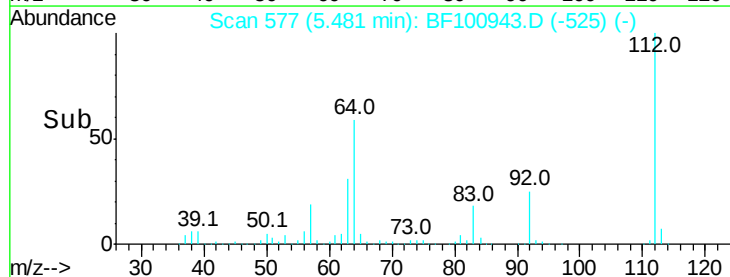
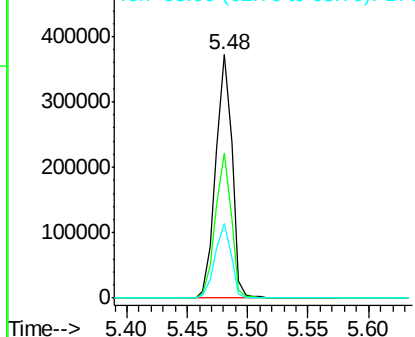
#5

2-Fluorophenol
Concen: 89.638 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100943.D
Acq: 28 Nov 2017 19:27

Tgt Ion:112 Resp: 342214
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.7 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: 85.011 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Instrument :

BNA_F

ClientSampled :

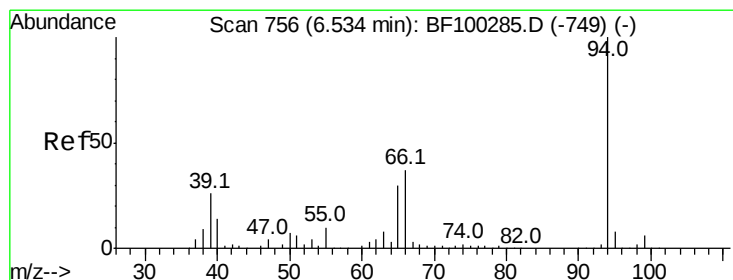
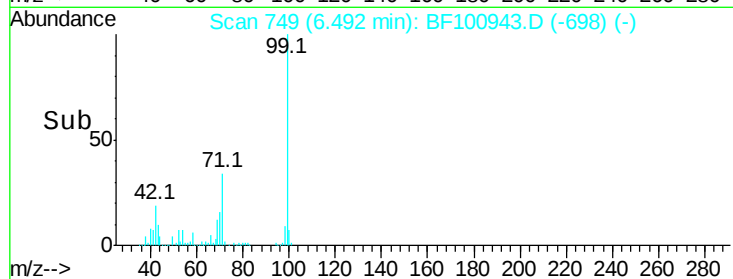
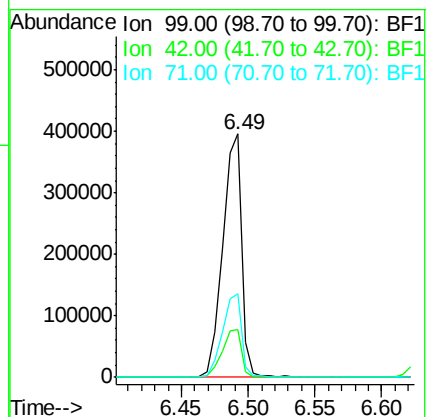
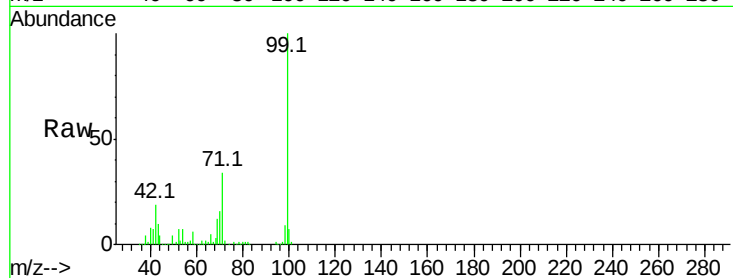
Tot Ion: 99 Resp: 400213

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 2.601 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

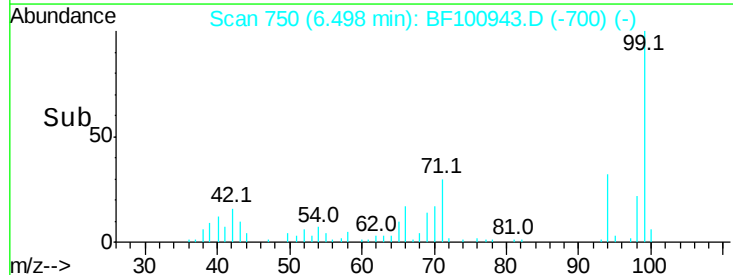
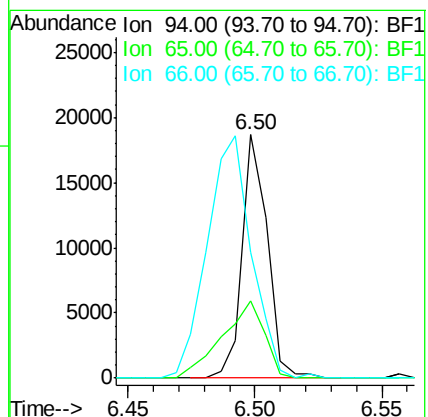
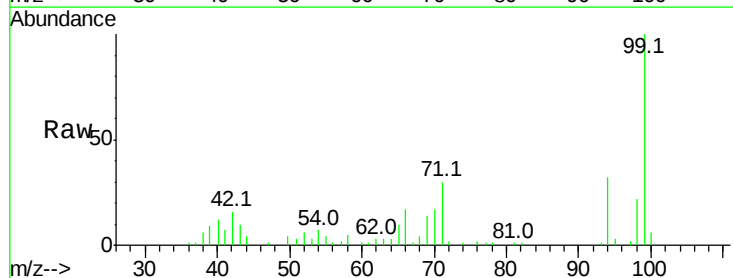
Tgt Ion: 94 Resp: 12856

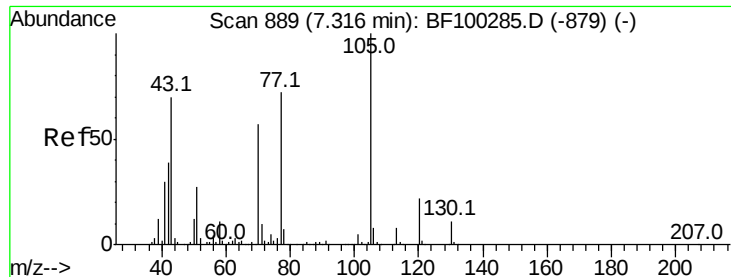
Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

66 51.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.372 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 30597

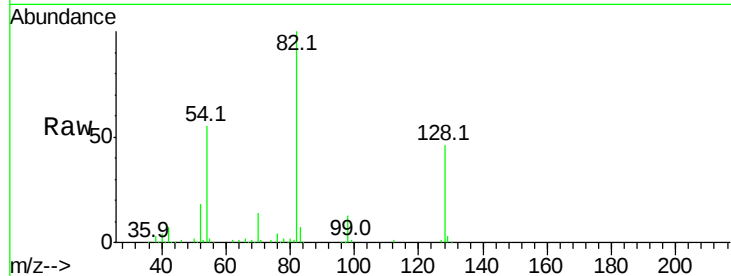
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



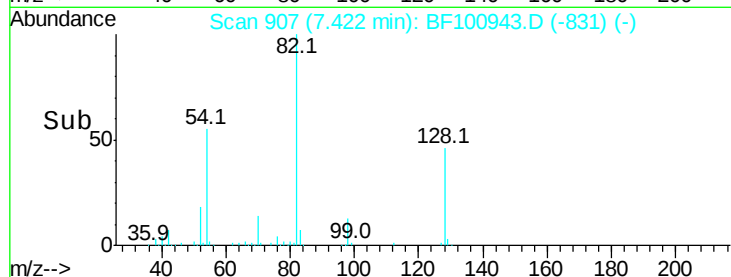
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Abundance

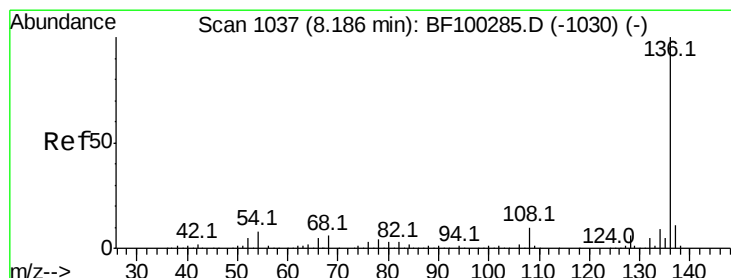
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Tgt Ion:136 Resp: 217971

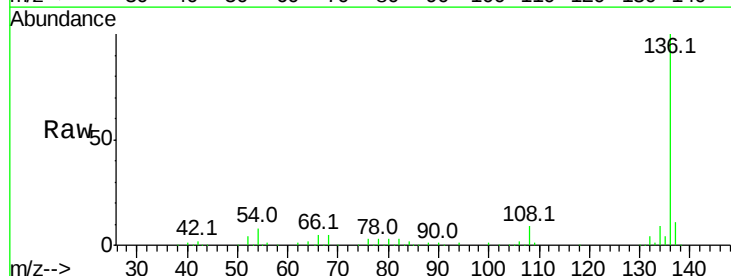
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 4.7 5.0 7.4#



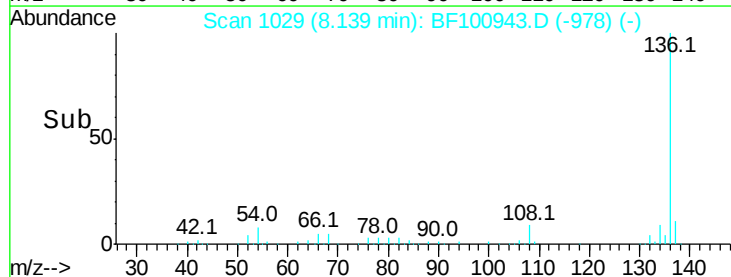
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

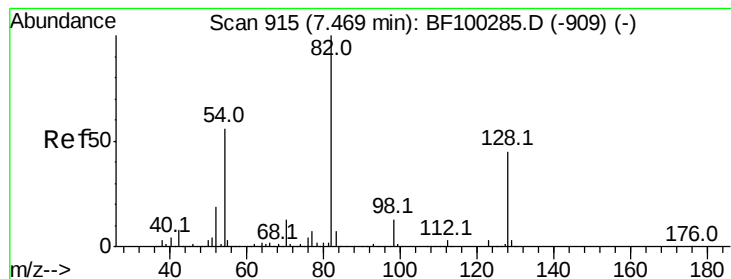
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



#23

Nitrobenzene-d5

Concen: 71.760 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Instrument :

BNA_F

ClientSampleId :

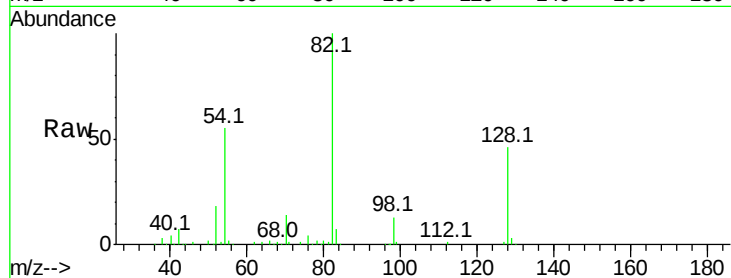
Tot Ion: 82 Resp: 236589

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

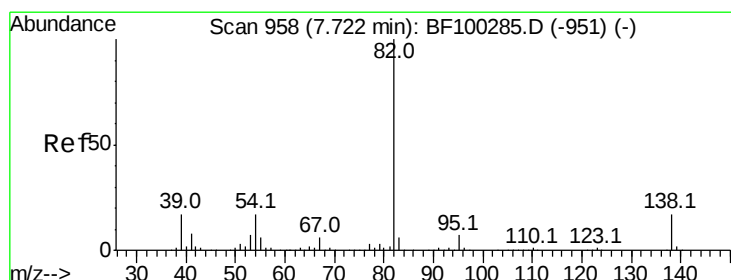
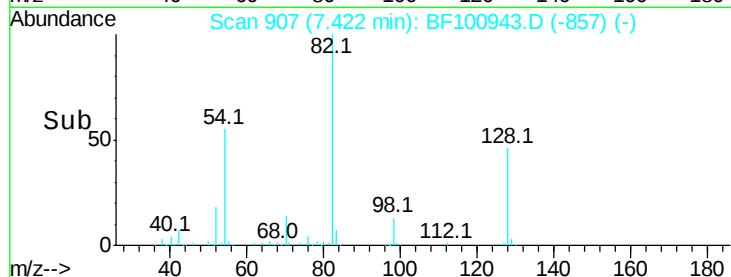
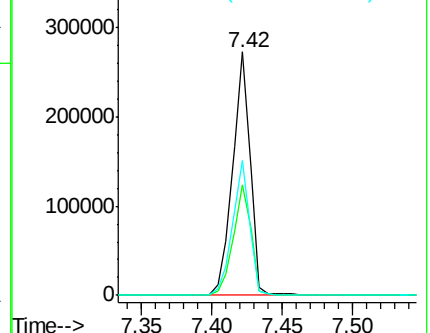
54 55.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 34.148 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

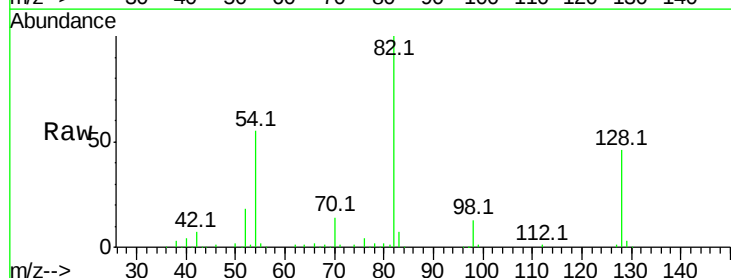
Tgt Ion: 82 Resp: 236584

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

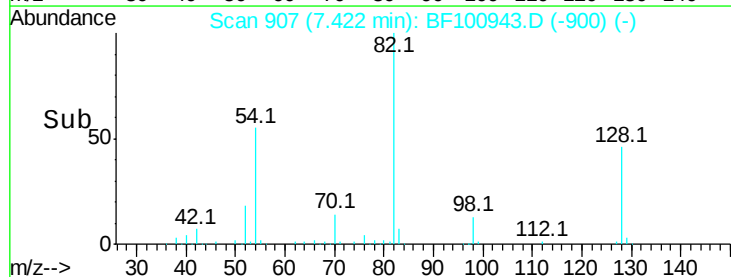
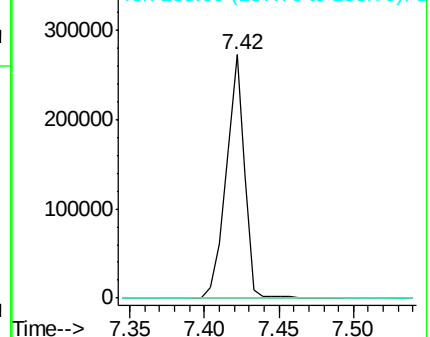
138 0.0 14.9 22.3#

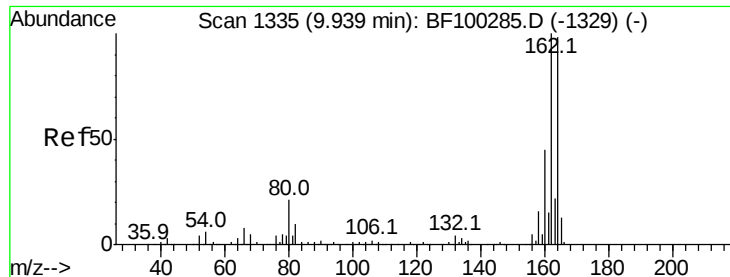


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1327

Delta R.T. -0.01 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Instrument :

BNA_F

ClientSampleId :

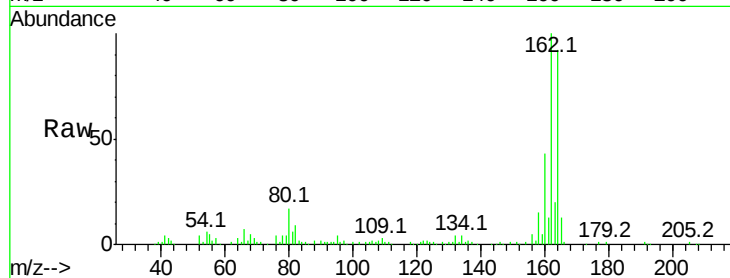
Tot Ion:164 Resp: 86806

Ion Ratio Lower Upper

164 100

162 109.0 86.1 129.1

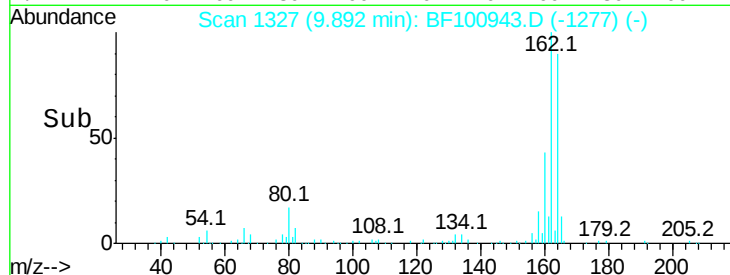
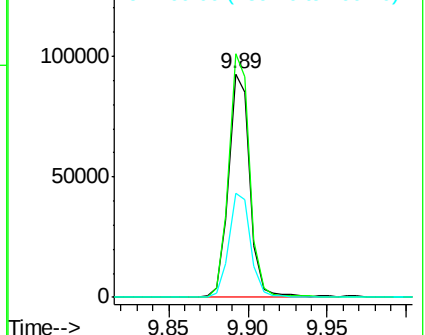
160 46.5 38.3 57.5



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: 84.649 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

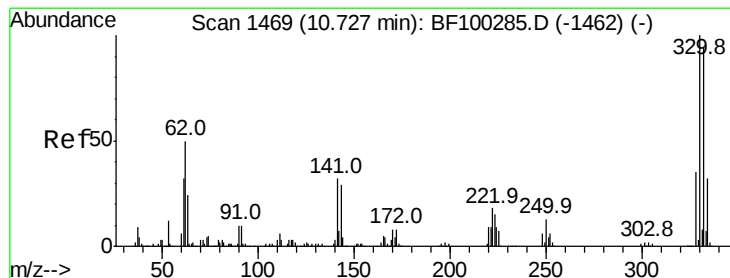
Tgt Ion:330 Resp: 74877

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

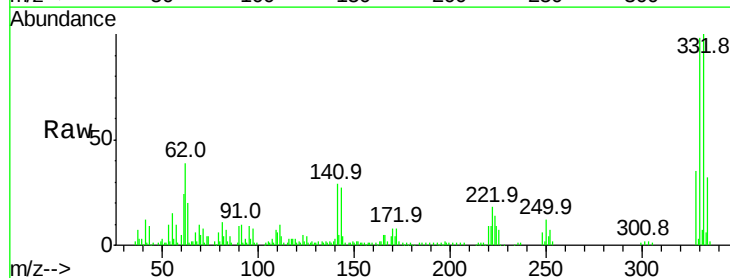
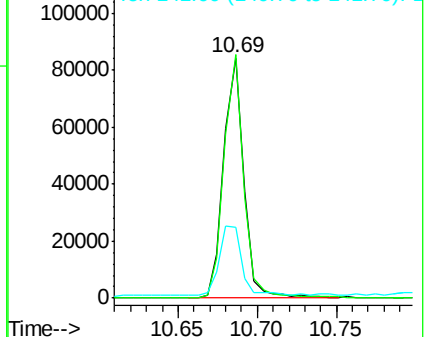
141 31.5 29.9 44.9

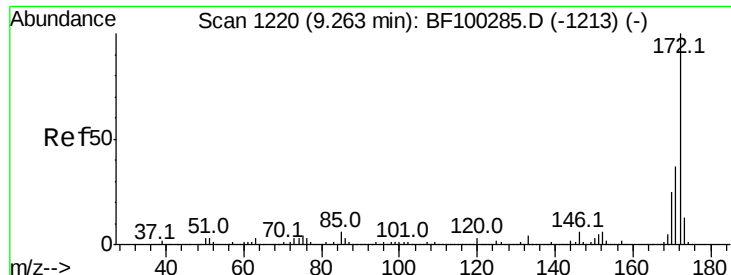


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

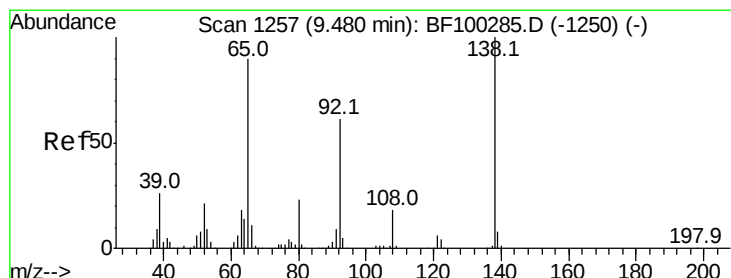
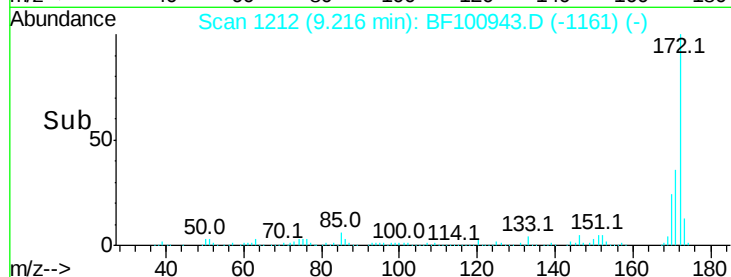
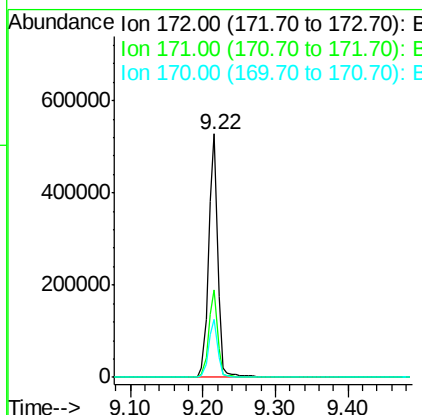
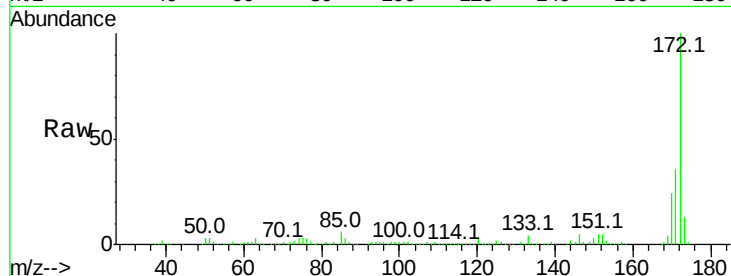




#44
 2-Fluorobiphenyl
 Concen: 80.881 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100943.D
 Acq: 28 Nov 2017 19:27

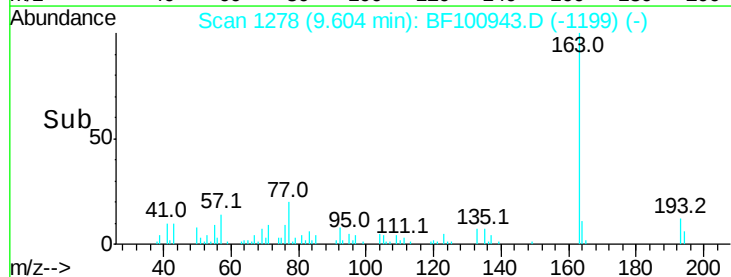
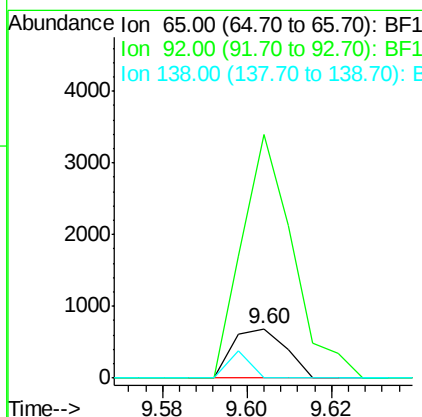
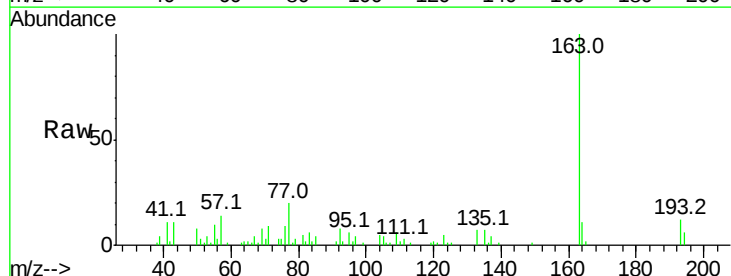
Instrument :
 BNA_F
 ClientSampleId :

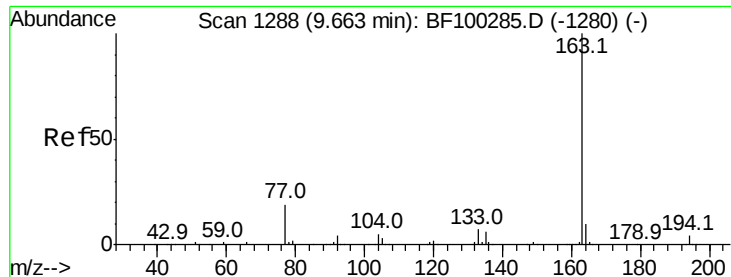
Tot Ion:172 Resp: 461081
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.137 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.16 min
 Lab File: BF100943.D
 Acq: 28 Nov 2017 19:27

Tgt Ion: 65 Resp: 603
 Ion Ratio Lower Upper
 65 100
 92 492.0 55.8 83.6#
 138 0.0 91.2 136.8#

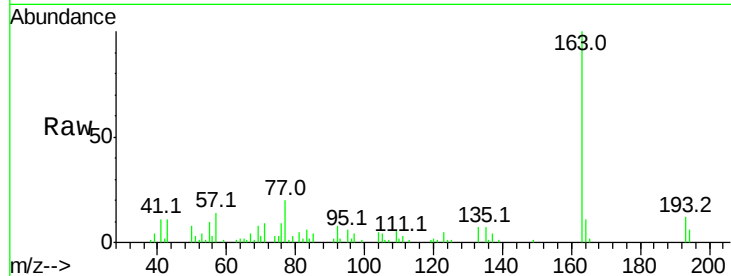




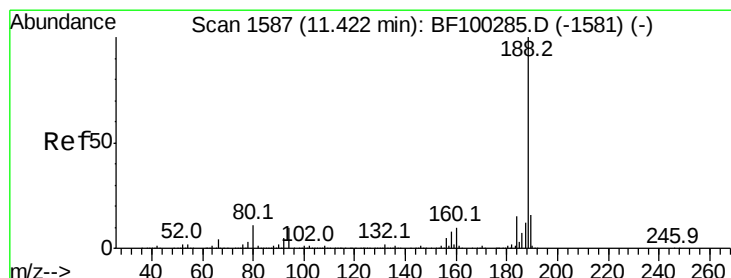
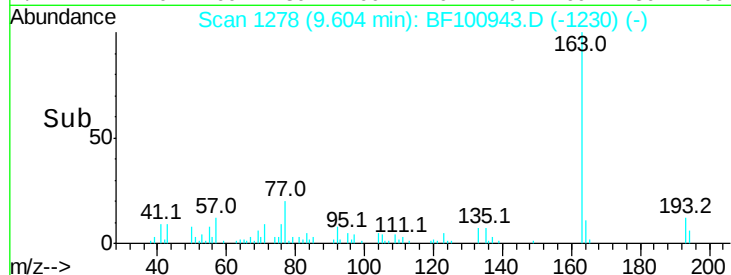
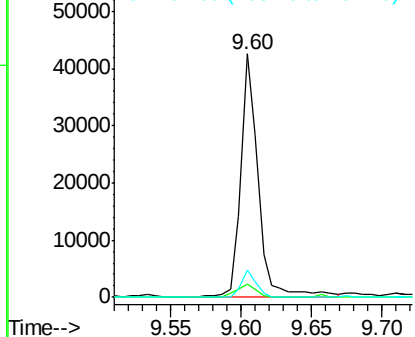
#49
Dimethylphthalate
Concen: 5.613 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100943.D
Acq: 28 Nov 2017 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 37200
Ion Ratio Lower Upper
163 100
194 5.7 2.7 4.1#
164 11.0 8.2 12.2

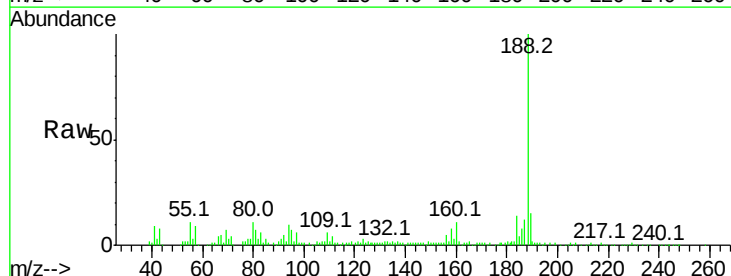


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

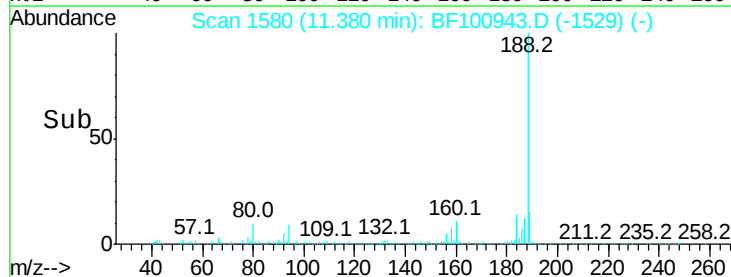
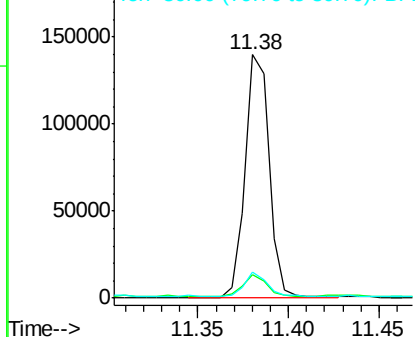


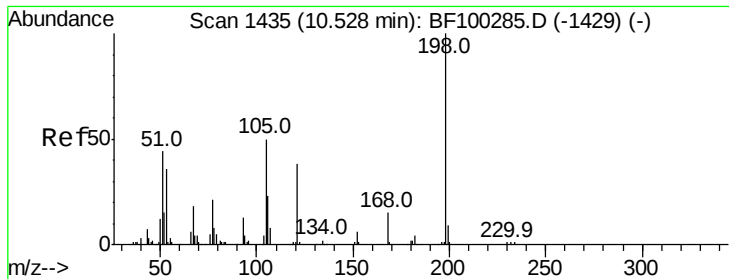
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100943.D
Acq: 28 Nov 2017 19:27

Tgt Ion:188 Resp: 130182
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.6 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

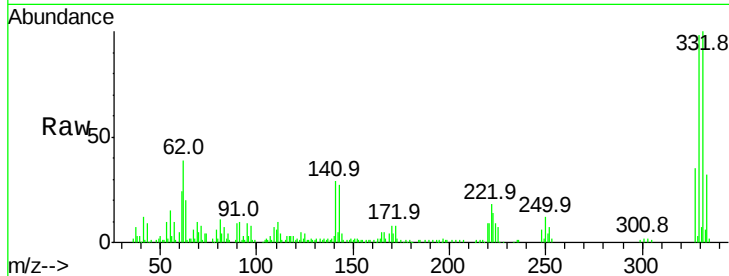




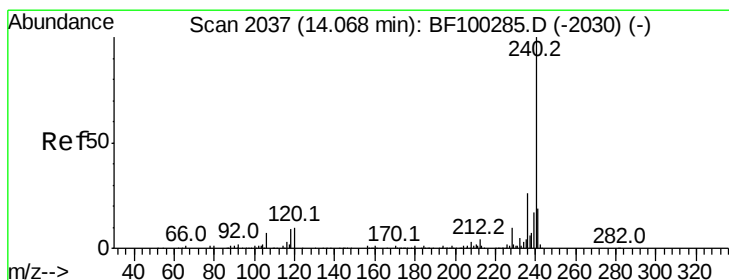
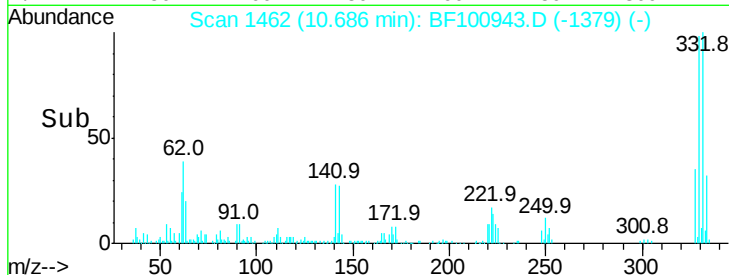
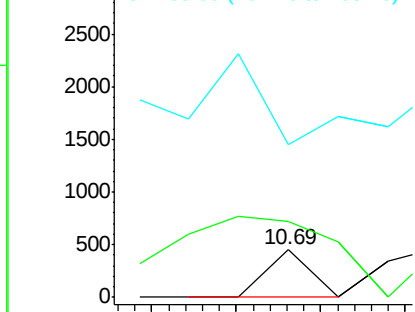
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.769 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF100943.D
 Acq: 28 Nov 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 159
 Ion Ratio Lower Upper
 198 100
 51 159.9 37.7 77.7#
 105 320.6 36.3 76.3#

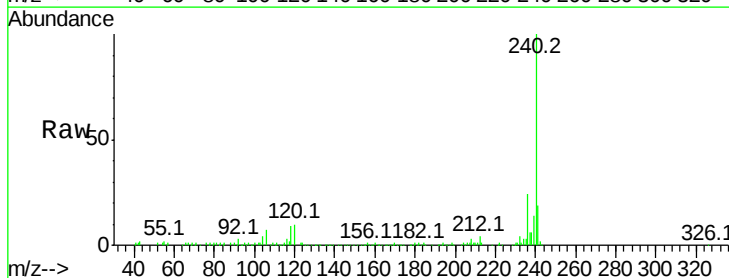


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

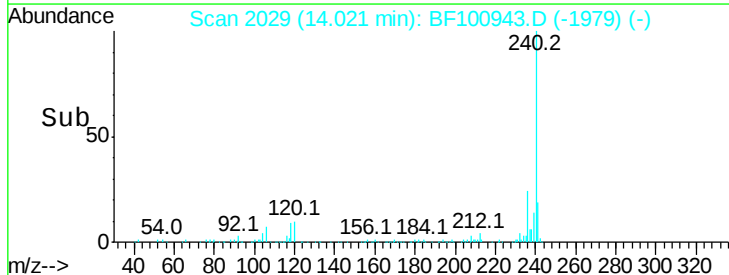
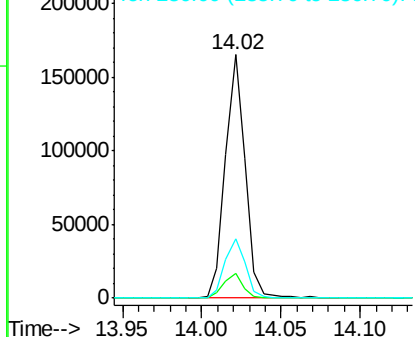


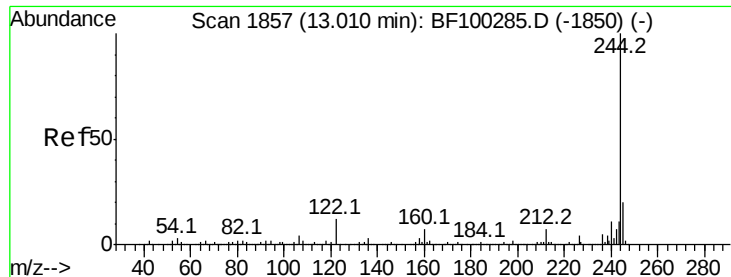
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100943.D
 Acq: 28 Nov 2017 19:27

Tgt Ion:240 Resp: 143777
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 24.4 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: 54.761 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

Instrument :

BNA_F

ClientSampled :

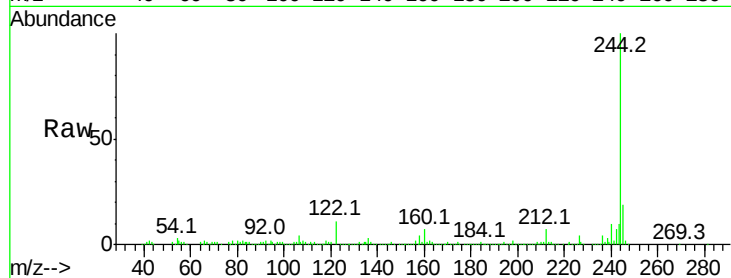
Tot Ion:244 Resp: 342662

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

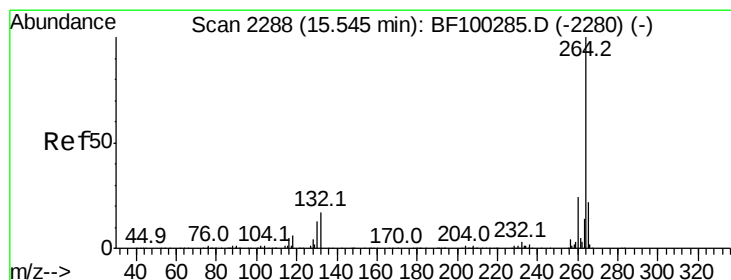
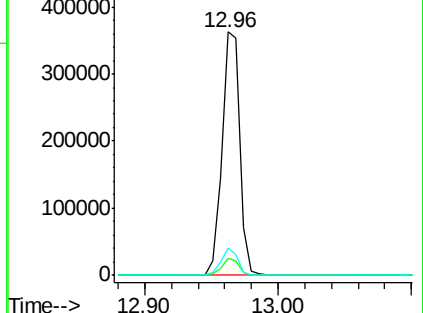
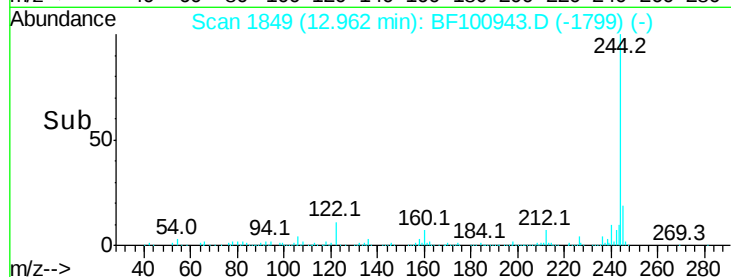
122 11.3 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF100943.D

Acq: 28 Nov 2017 19:27

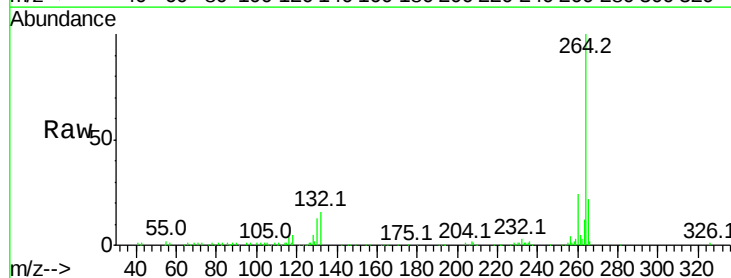
Tgt Ion:264 Resp: 133638

Ion Ratio Lower Upper

264 100

260 24.1 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

