

Data File : BF100546.D
Acq On : 14 Nov 2017 16:54
Operator : SJ/JU
Sample : I6389-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-11

Quant Time: Nov 15 00:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133060	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	502726	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201937	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318722	20.00	ng	0.00
75) Chrysene-d12	14.05	240	281252	20.00	ng	0.00
86) Perylene-d12	15.52	264	204519	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	725032	87.35	ng	0.00
7) Phenol-d6	6.51	99	882558	86.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	532869	70.08	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	152686	74.20	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	813142	61.32	ng	0.00
78) Terphenyl-d14	12.99	244	591682	48.34	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	42208	3.93	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	70397	9.92	ng	# 82
25) Isophorone	7.45	82	532857	33.35	ng	# 64
47) 2-Nitroaniline	9.63	65	1241	3.10	ng	# 1
49) Dimethylphthalate	9.63	163	133855	8.68	ng	99
56) 2,4-Dinitrotoluene	9.92	165	25108	6.52	ng	# 23
62) Azobenzene	10.63	77	90586	6.23	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	112	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	9751	2.85	ng	# 1

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

Data File : BF100546.D

Acq On : 14 Nov 2017 16:54

Operator : SJ/JU

Sample : I6389-01

Misc :

ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

3N-11

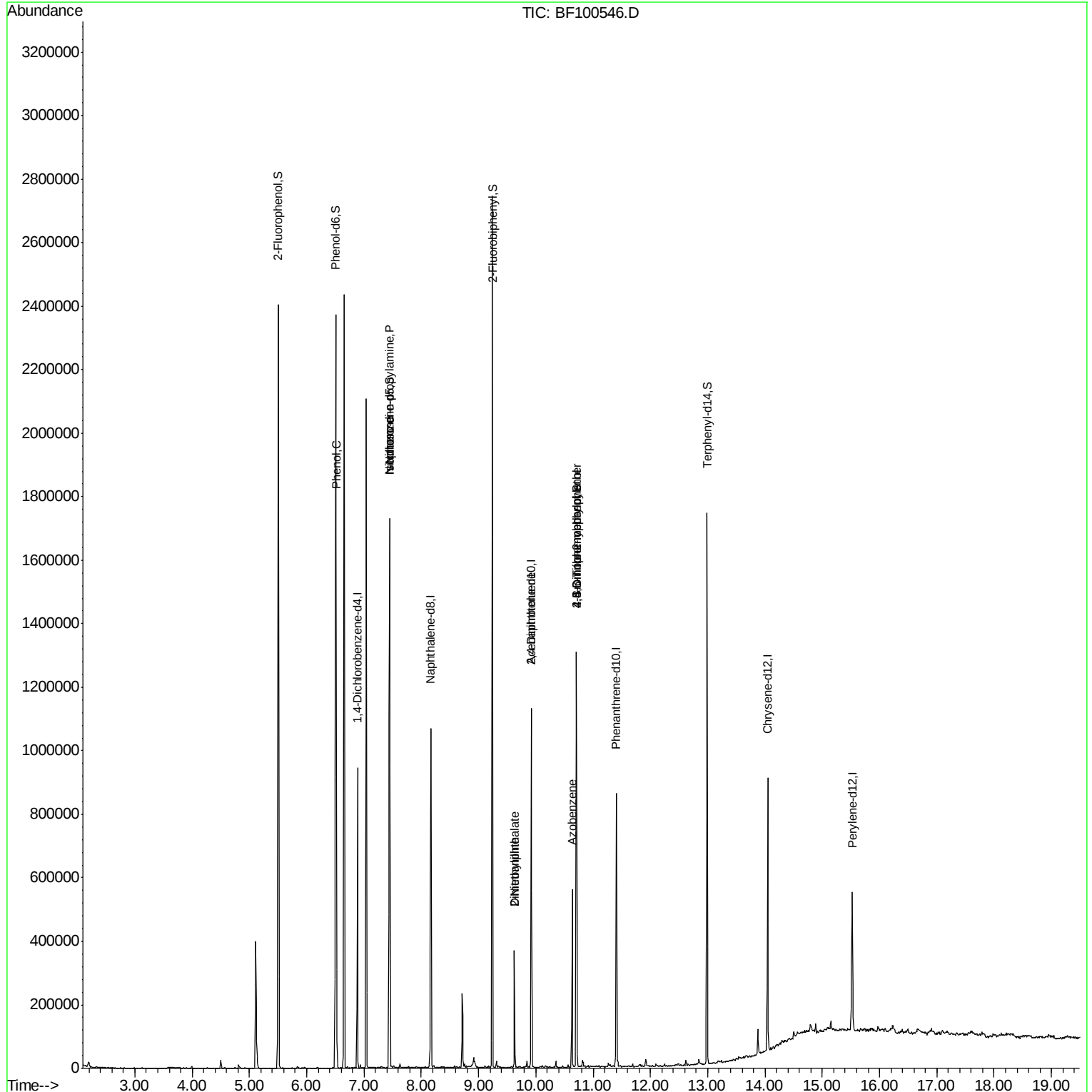
Quant Time: Nov 15 00:52:55 2017

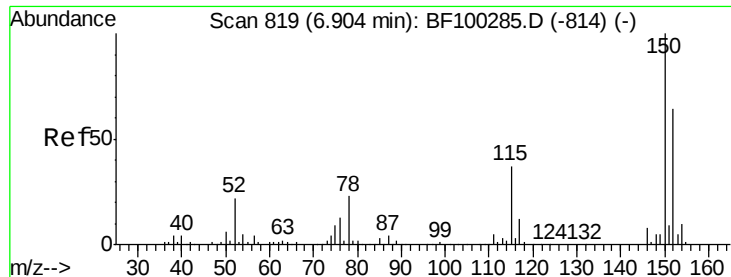
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 14 14:17:16 2017

Response via : Initial Calibration



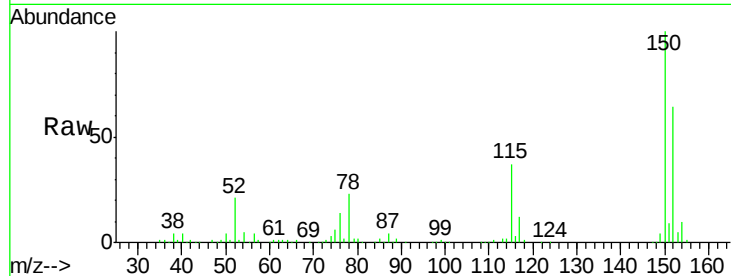


#1

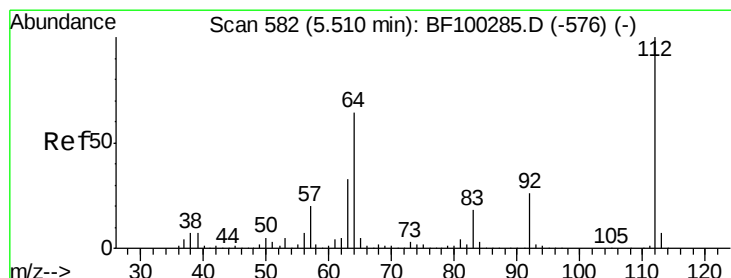
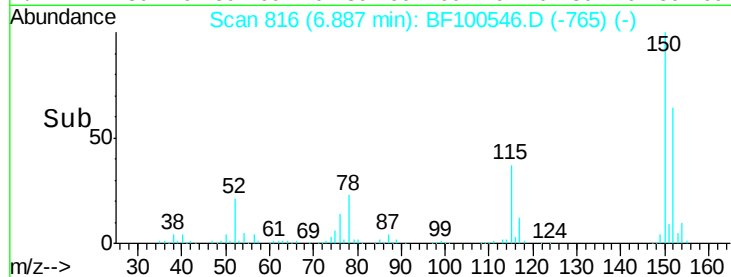
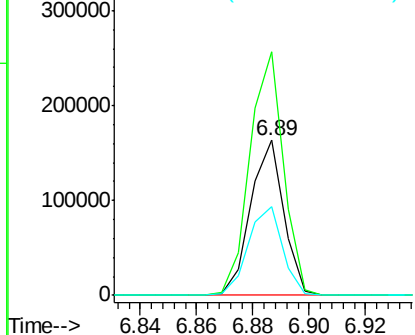
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Instrument :
BNA_F
ClientSampleId :
3N-11

Tgt Ion:152 Resp: 133060
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 57.4 50.1 75.1



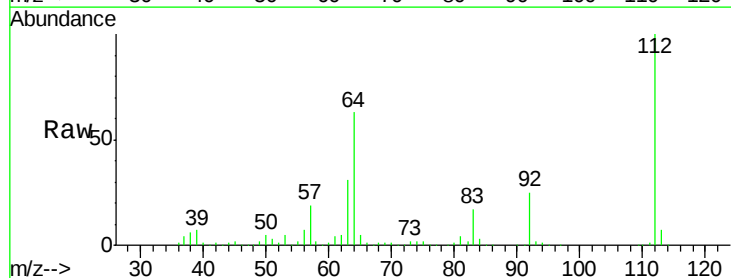
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



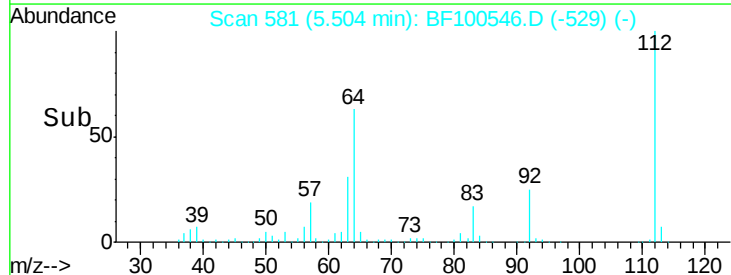
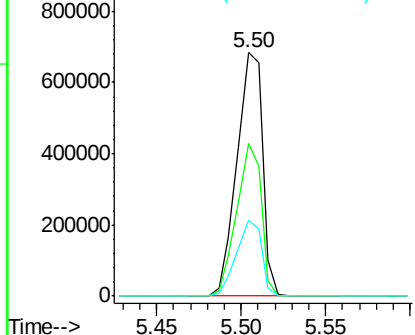
#5

2-Fluorophenol
Concen: 87.35 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:112 Resp: 725032
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.2 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: 86.22 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

Instrument :

BNA_F

ClientSampled :

3N-11

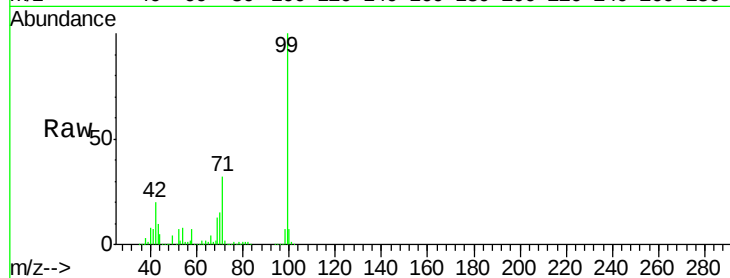
Tgt Ion: 99 Resp: 882558

Ion Ratio Lower Upper

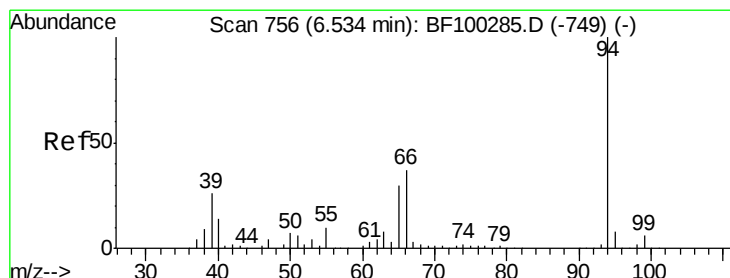
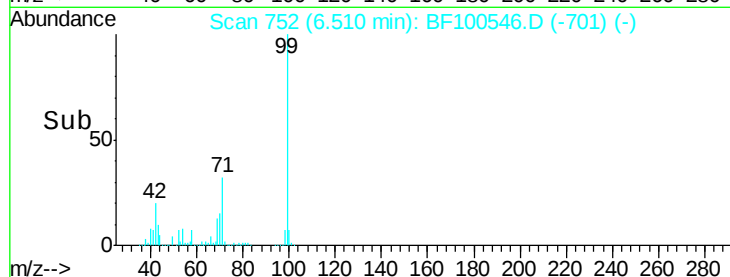
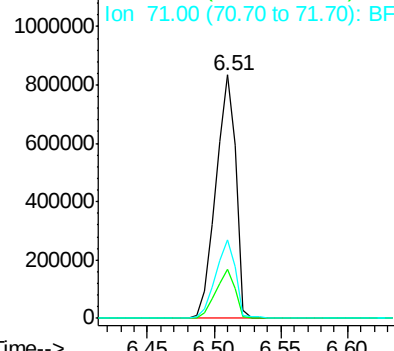
99 100

42 20.2 14.5 21.7

71 32.3 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: 3.93 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

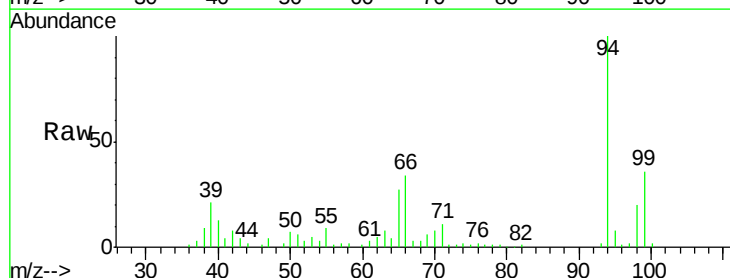
Tgt Ion: 94 Resp: 42208

Ion Ratio Lower Upper

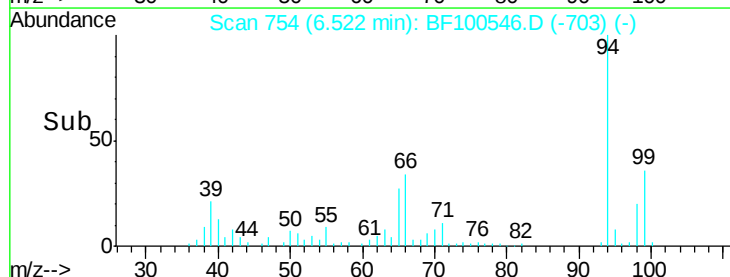
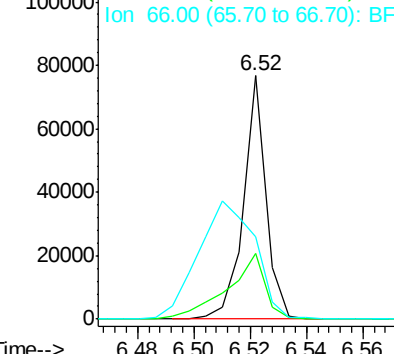
94 100

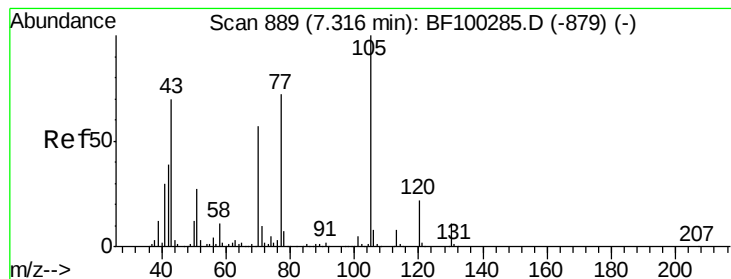
65 27.2 7.9 47.9

66 33.8 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: 9.92 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

Instrument :

BNA_F

ClientSampleId :

3N-11

Tgt Ion: 70 Resp: 70397

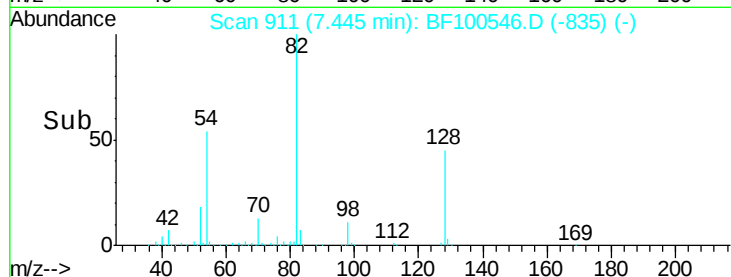
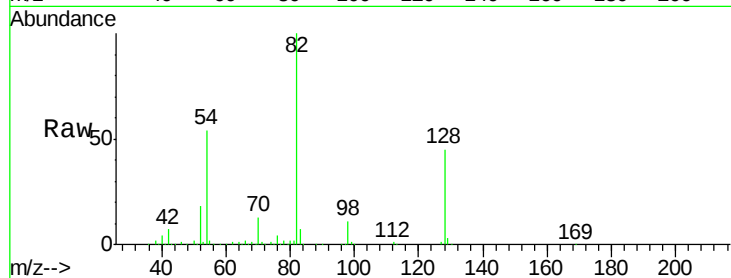
Ion Ratio Lower Upper

70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



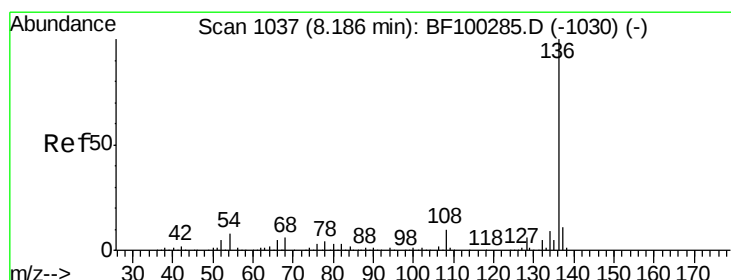
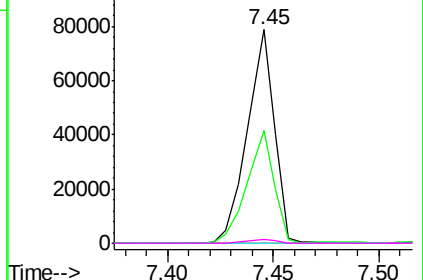
Abundance Ion 70.00 (69.70 to 70.70): BF1

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-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

Tgt Ion: 136 Resp: 502726

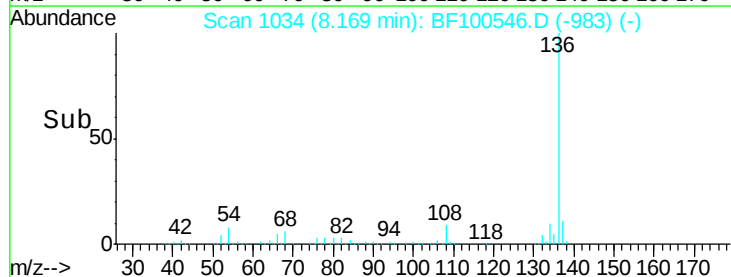
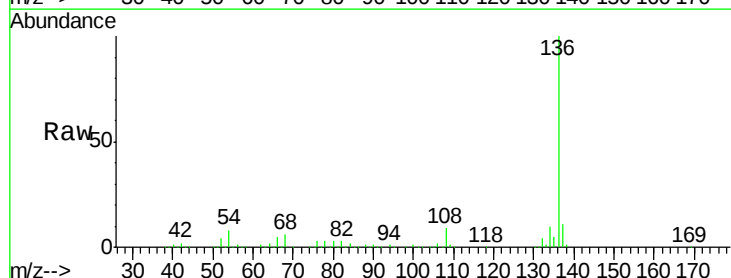
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 5.7 5.0 7.4



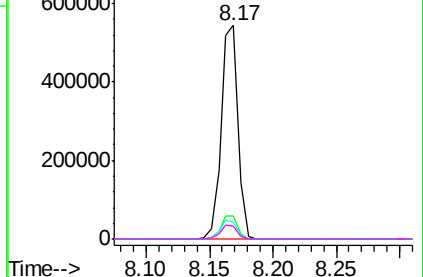
Abundance Ion 136.00 (135.70 to 136.70): BF1

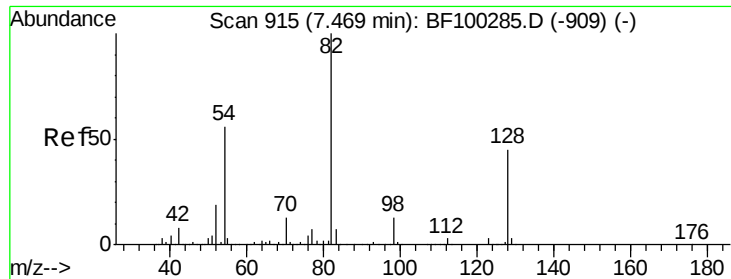
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

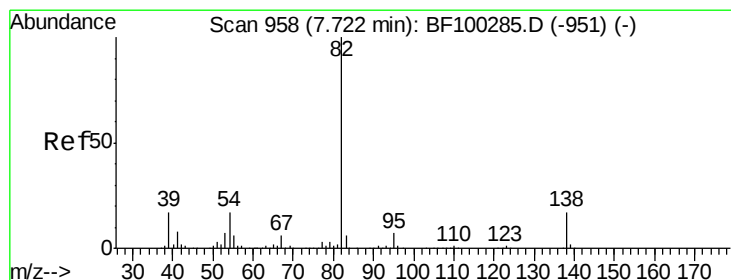
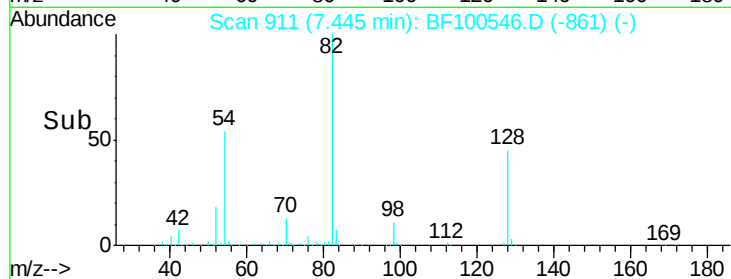
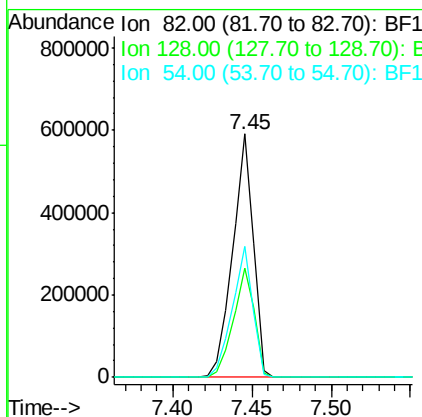
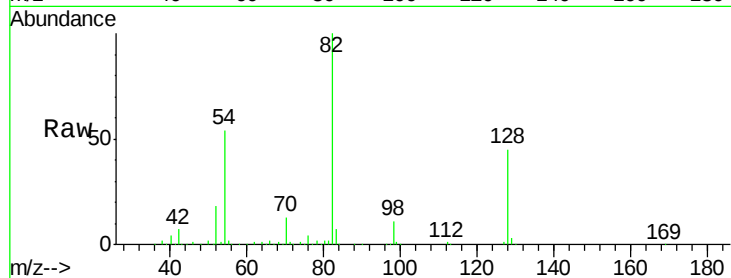




#23
Nitrobenzene-d5
Concen: 70.08 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

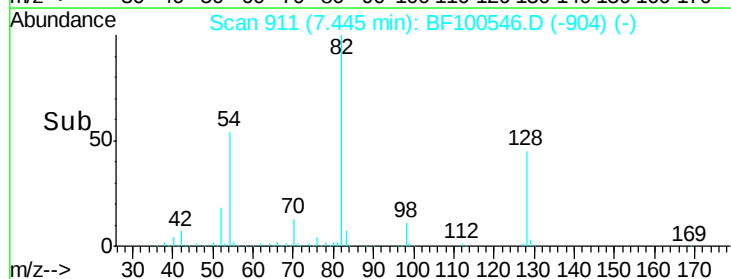
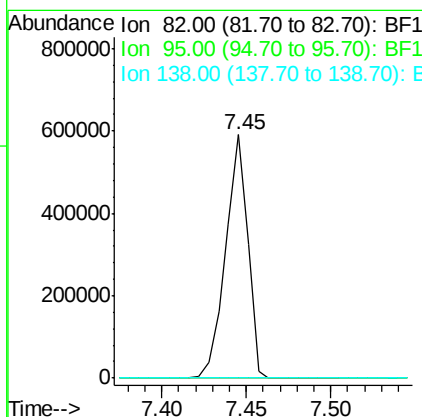
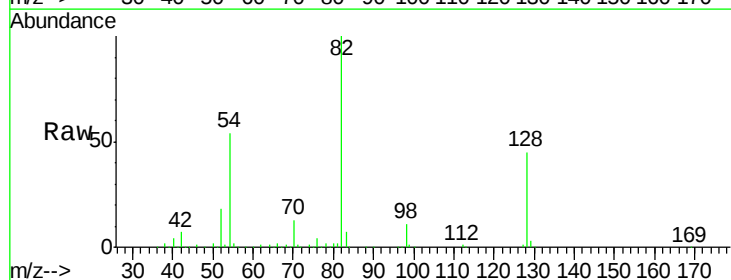
Instrument :
BNA_F
ClientSampleId :
3N-11

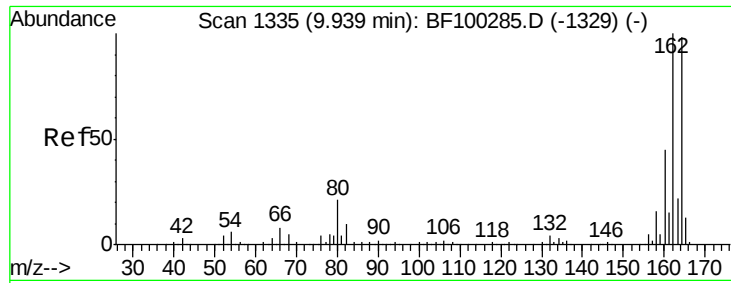
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	53.7	41.4	62.2



#25
Isophorone
Concen: 33.35 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

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

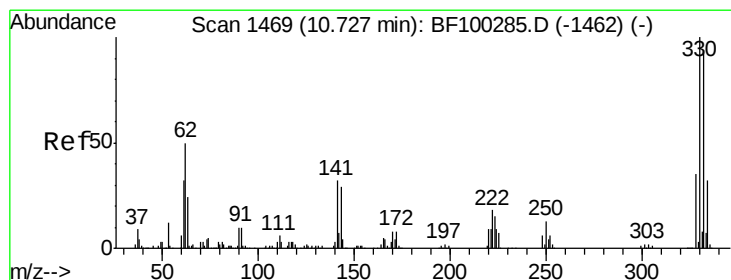
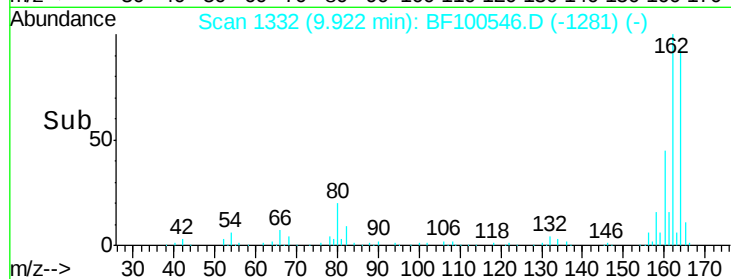
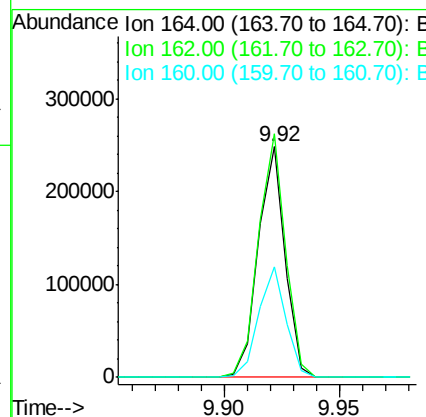
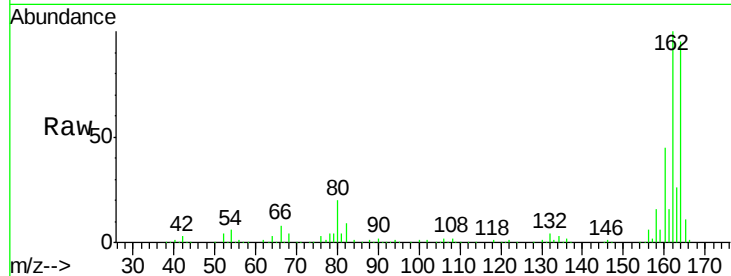




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100546.D
 Acq: 14 Nov 2017 16:54

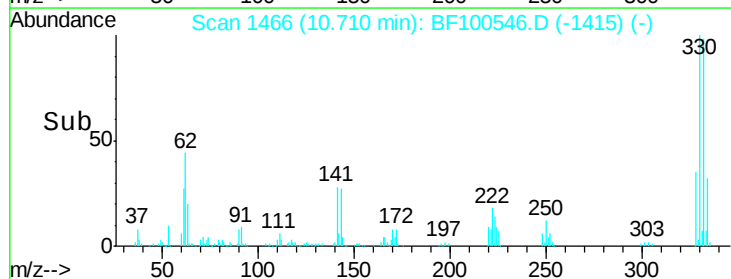
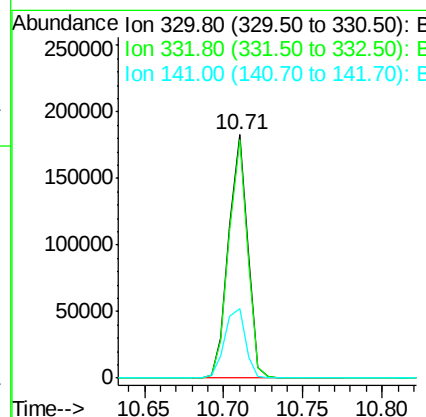
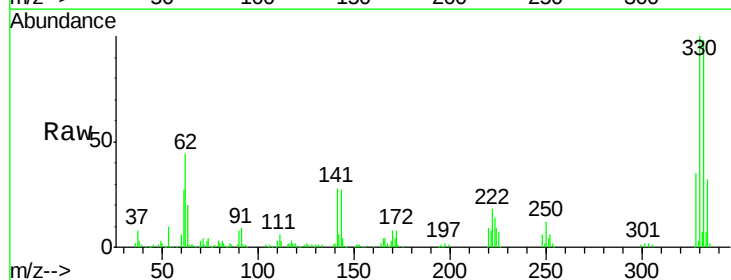
Instrument :
 BNA_F
 ClientSampleId :
 3N-11

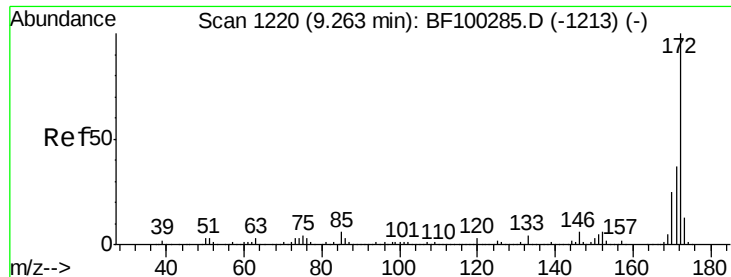
Tgt Ion:164 Resp: 201937
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 47.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.20 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100546.D
 Acq: 14 Nov 2017 16:54

Tgt Ion:330 Resp: 152686
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 30.9 29.9 44.9

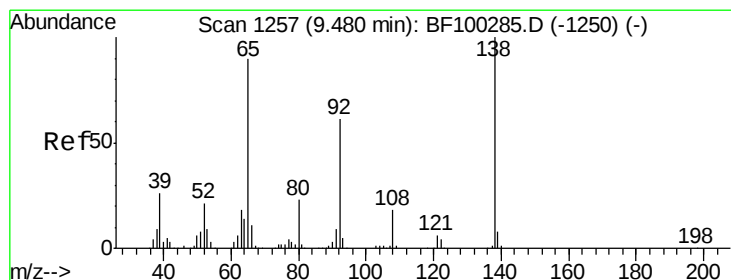
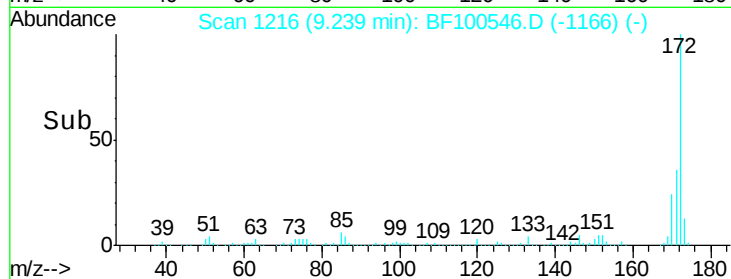
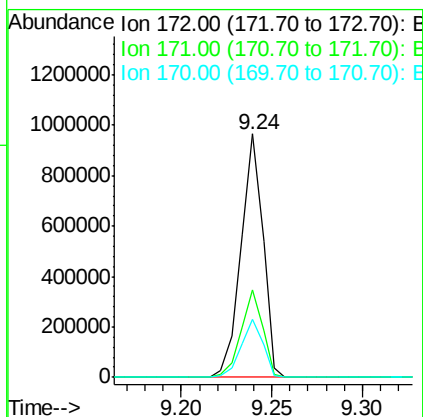
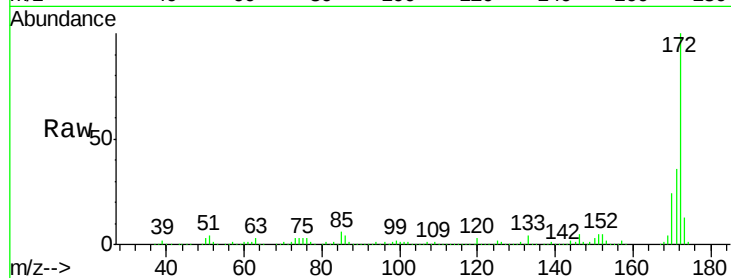




#44
2-Fluorobiphenyl
Concen: 61.32 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

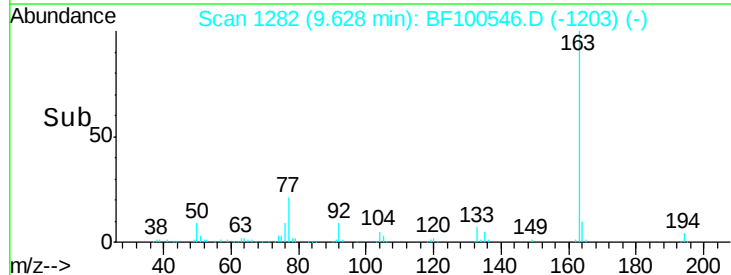
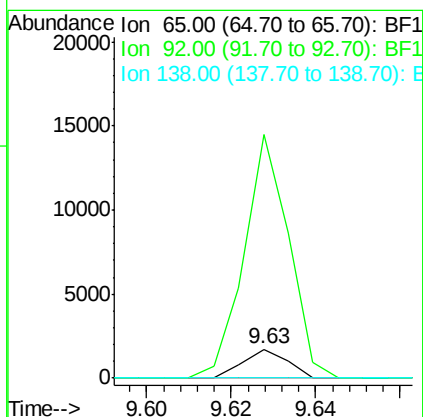
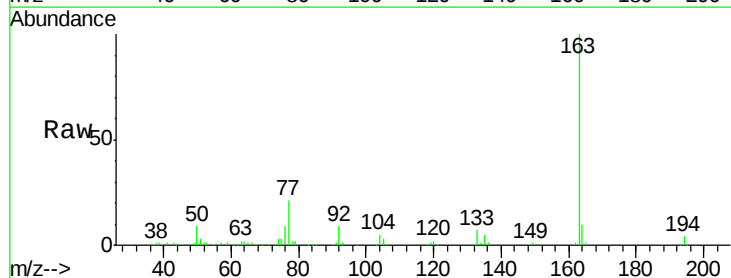
Instrument :
BNA_F
ClientSampleId :
3N-11

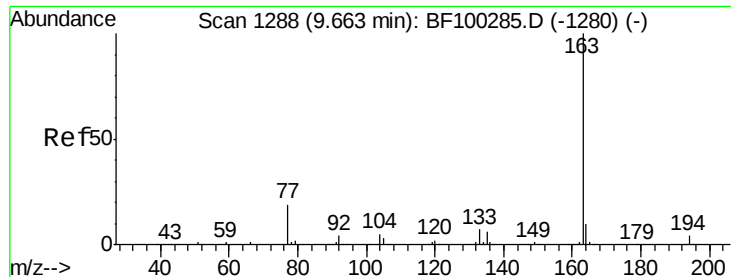
Tgt Ion: 172 Resp: 813142
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4



#47
2-Nitroaniline
Concen: 3.10 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion: 65 Resp: 1241
Ion Ratio Lower Upper
65 100
92 836.7 55.8 83.6#
138 0.0 91.2 136.8#

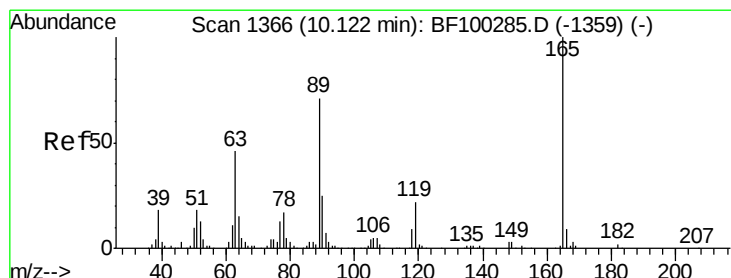
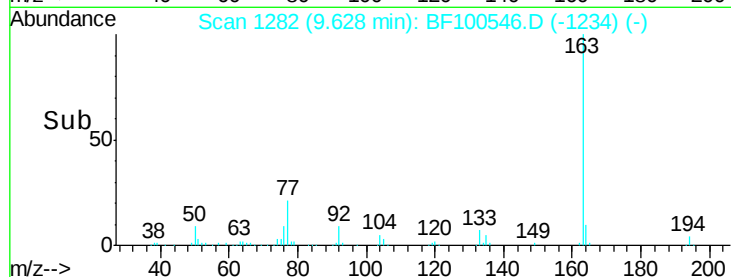
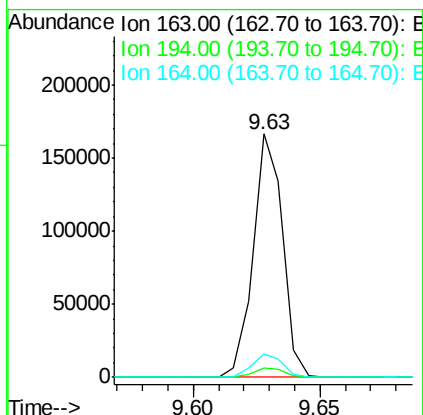
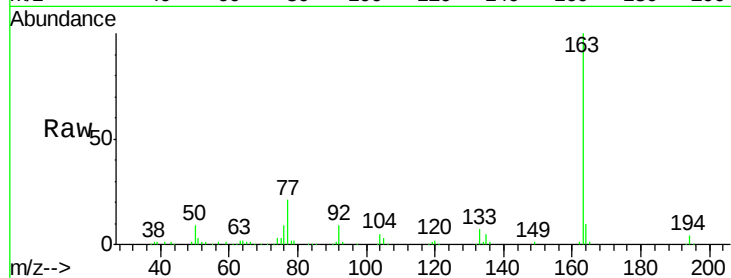




#49
Dimethylphthalate
Concen: 8.68 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

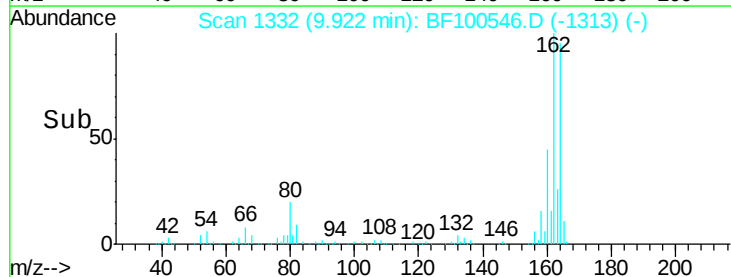
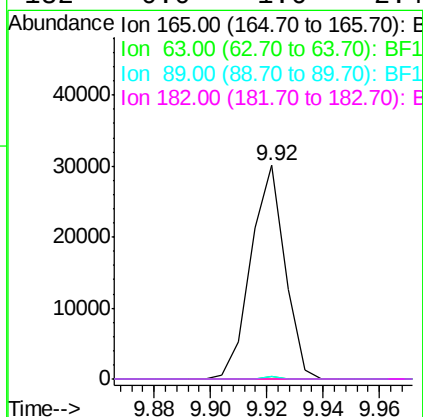
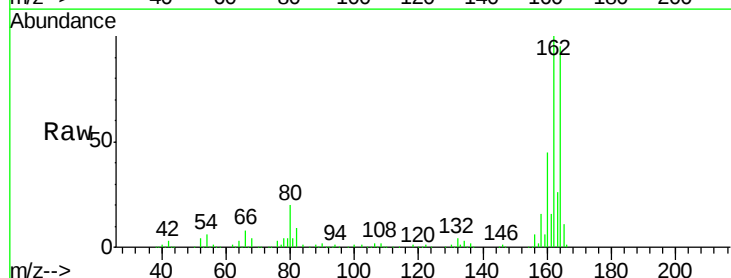
Instrument :
BNA_F
ClientSampleId :
3N-11

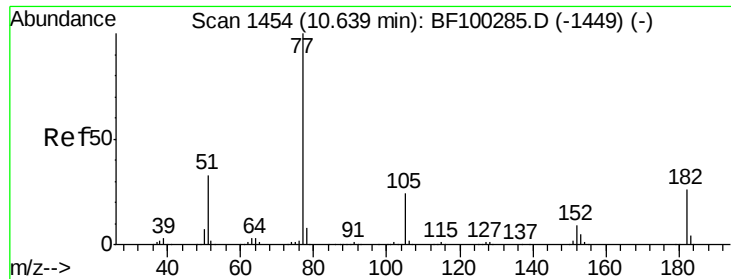
Tgt Ion:163 Resp: 133855
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100546.D
Acq: 14 Nov 2017 16:54

Tgt Ion:165 Resp: 25108
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.0 57.8 86.6#
182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 6.23 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

Instrument :

BNA_F

ClientSampled :

3N-11

Tgt Ion: 77 Resp: 90586

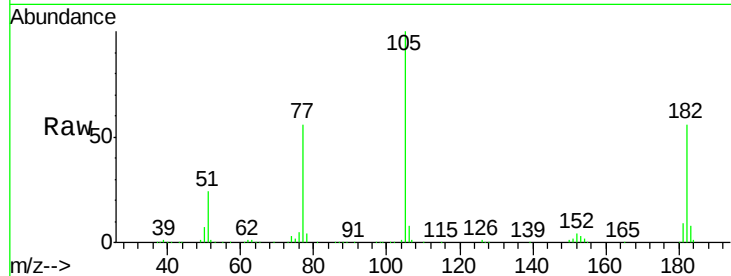
Ion Ratio Lower Upper

77 100

182 100.8 1.7 41.7#

105 178.6 3.0 43.0#

51 43.0 9.9 49.9

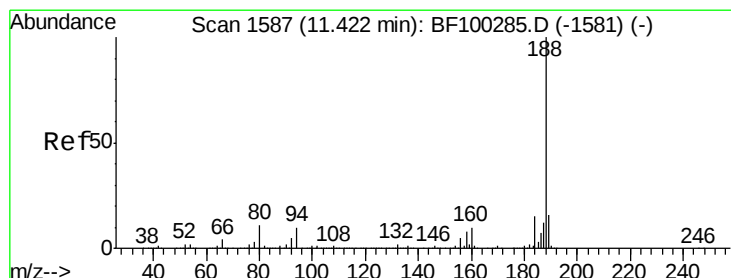
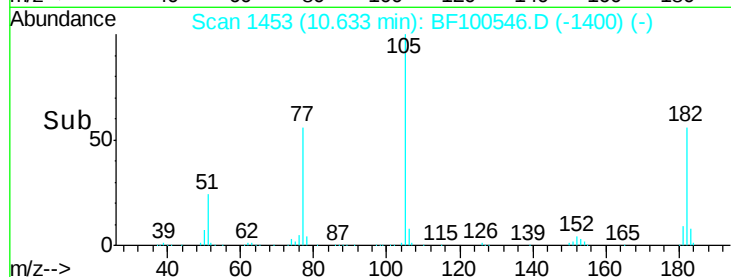
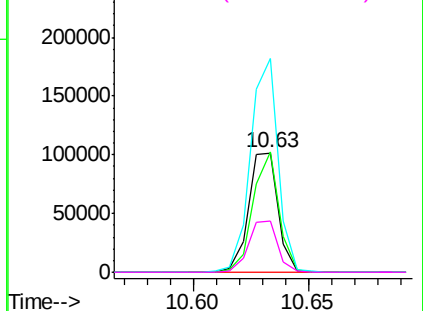


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

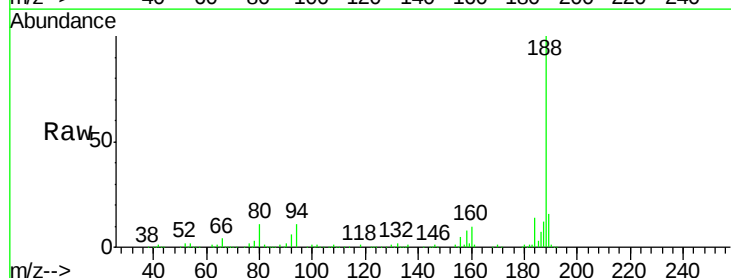
Tgt Ion: 188 Resp: 318722

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

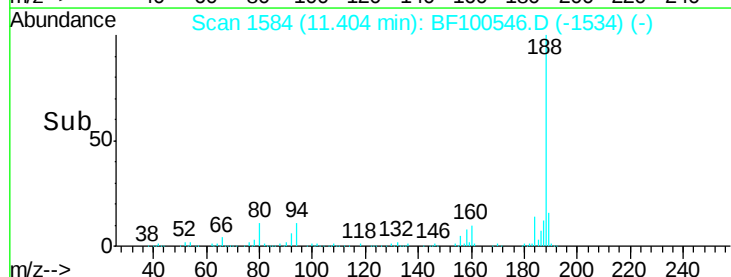
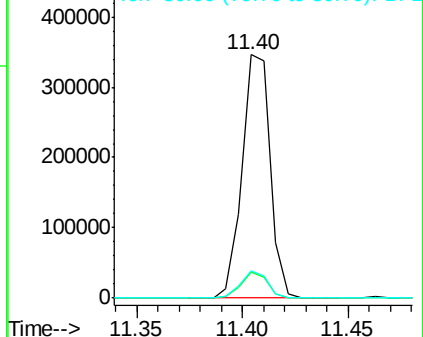
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

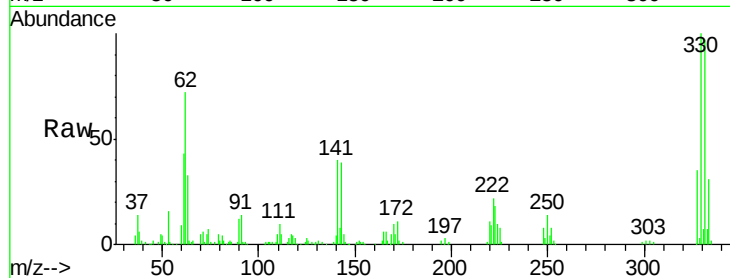




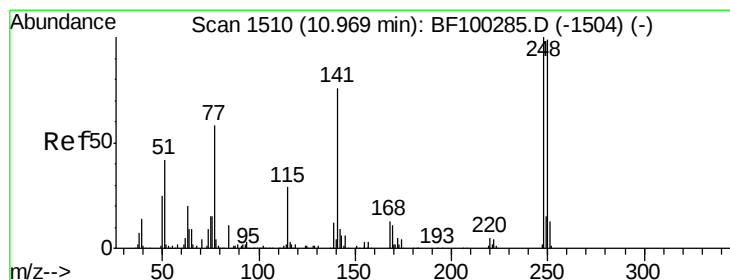
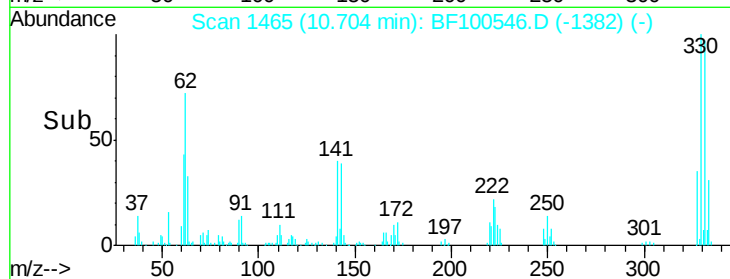
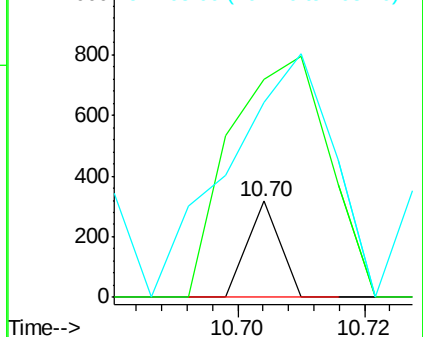
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.63 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100546.D
 Acq: 14 Nov 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 3N-11

Tgt Ion:198 Resp: 112
 Ion Ratio Lower Upper
 198 100
 51 227.4 37.7 77.7#
 105 202.8 36.3 76.3#

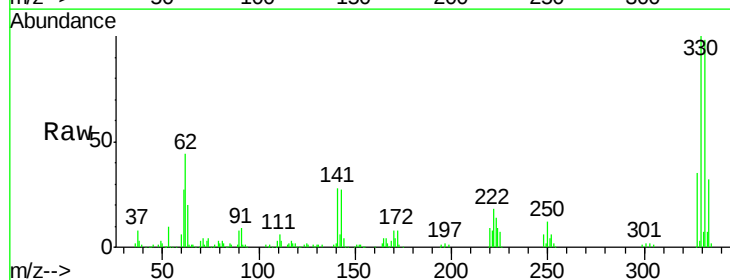


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

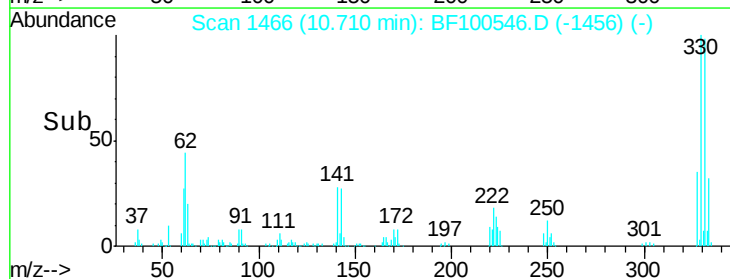
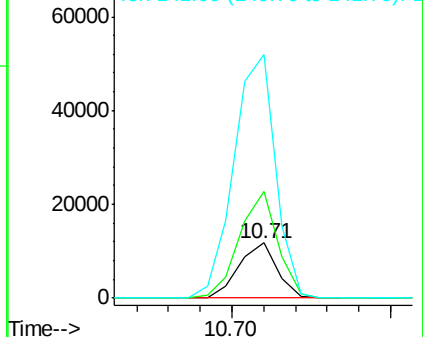


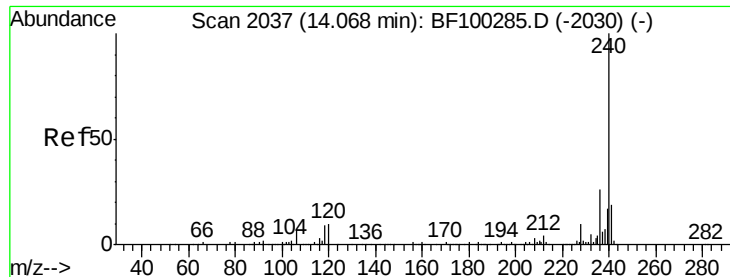
#66
 4-Bromophenyl-phenylether
 Concen: 2.85 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF100546.D
 Acq: 14 Nov 2017 16:54

Tgt Ion:248 Resp: 9751
 Ion Ratio Lower Upper
 248 100
 250 193.4 76.9 115.3#
 141 441.4 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: 20.00 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

Instrument :

BNA_F

ClientSampleId :

3N-11

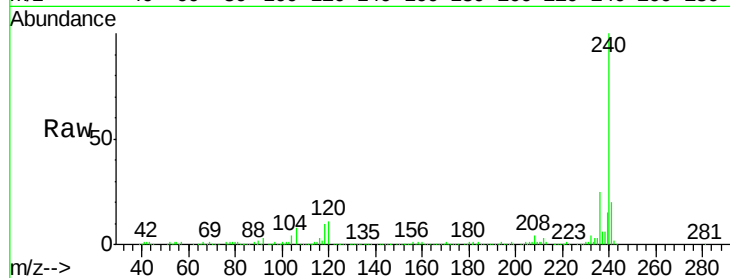
Tgt Ion:240 Resp: 281252

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

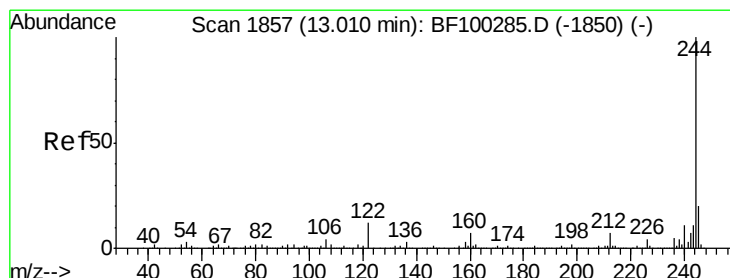
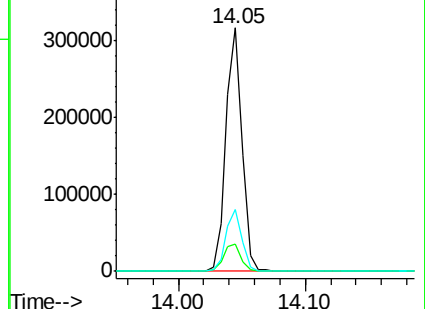
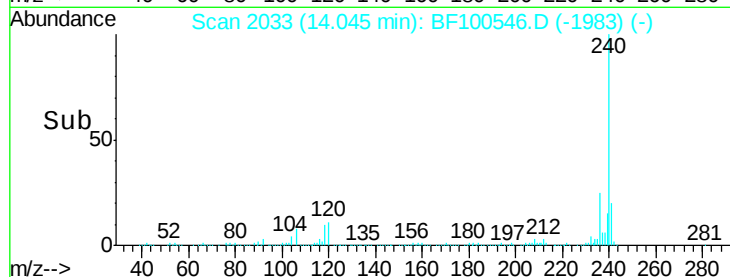
236 25.5 20.7 31.1



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: 48.34 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100546.D

Acq: 14 Nov 2017 16:54

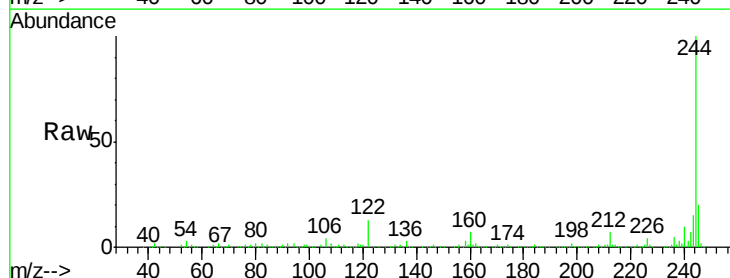
Tgt Ion:244 Resp: 591682

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

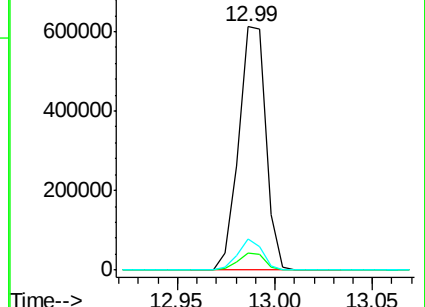
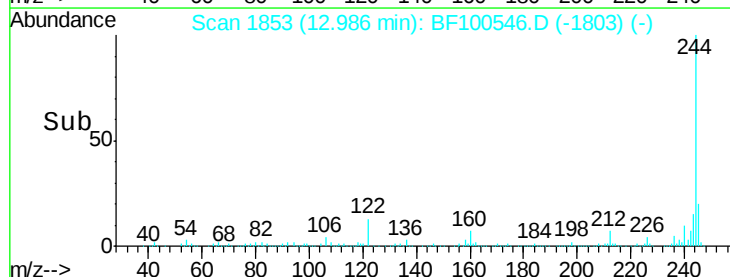
122 12.6 11.0 16.4

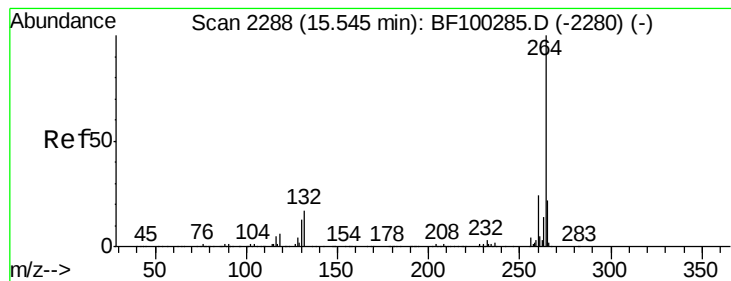


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF100546.D

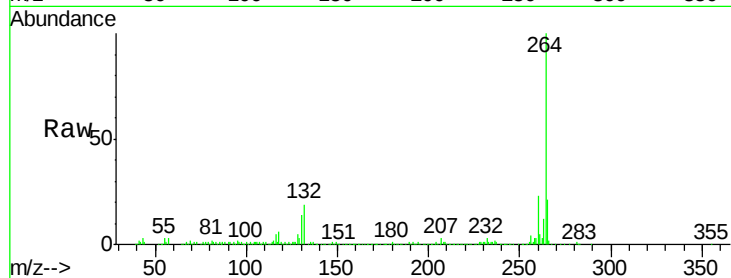
Acq: 14 Nov 2017 16:54

Instrument :

BNA_F

ClientSampleId :

3N-11



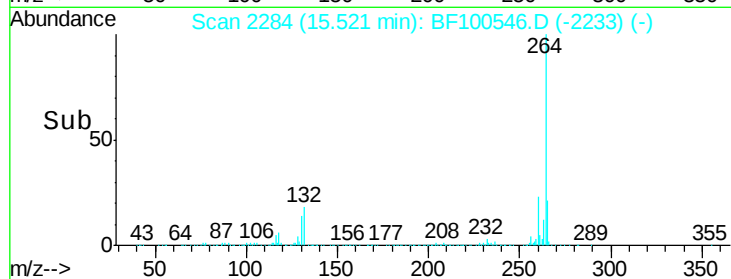
Tgt Ion: 264 Resp: 204519

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 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

