

Data File : BF100451.D
Acq On : 11 Nov 2017 19:57
Operator : SJ/JU
Sample : I6399-24
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Nov 13 01:12:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	260352	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	904620	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	342268	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	551744	20.00	ng	0.00
75) Chrysene-d12	14.07	240	570224	20.00	ng	0.00
86) Perylene-d12	15.55	264	414243	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	451564	27.80	ng	0.00
7) Phenol-d6	6.52	99	333161	16.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	689375	50.38	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	184944	53.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1106525	49.23	ng	0.00
78) Terphenyl-d14	13.01	244	932857	37.59	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	93098	6.70	ng	# 84
25) Isophorone	7.46	82	686192	23.86	ng	# 64
47) 2-Nitroaniline	9.47	65	397	2.84	ng	# 2
49) Dimethylphthalate	9.65	163	93684	3.58	ng	99
50) 2,6-Dinitrotoluene	9.94	165	43000	8.31	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	43000	6.59	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	360	8.68	ng	# 1

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

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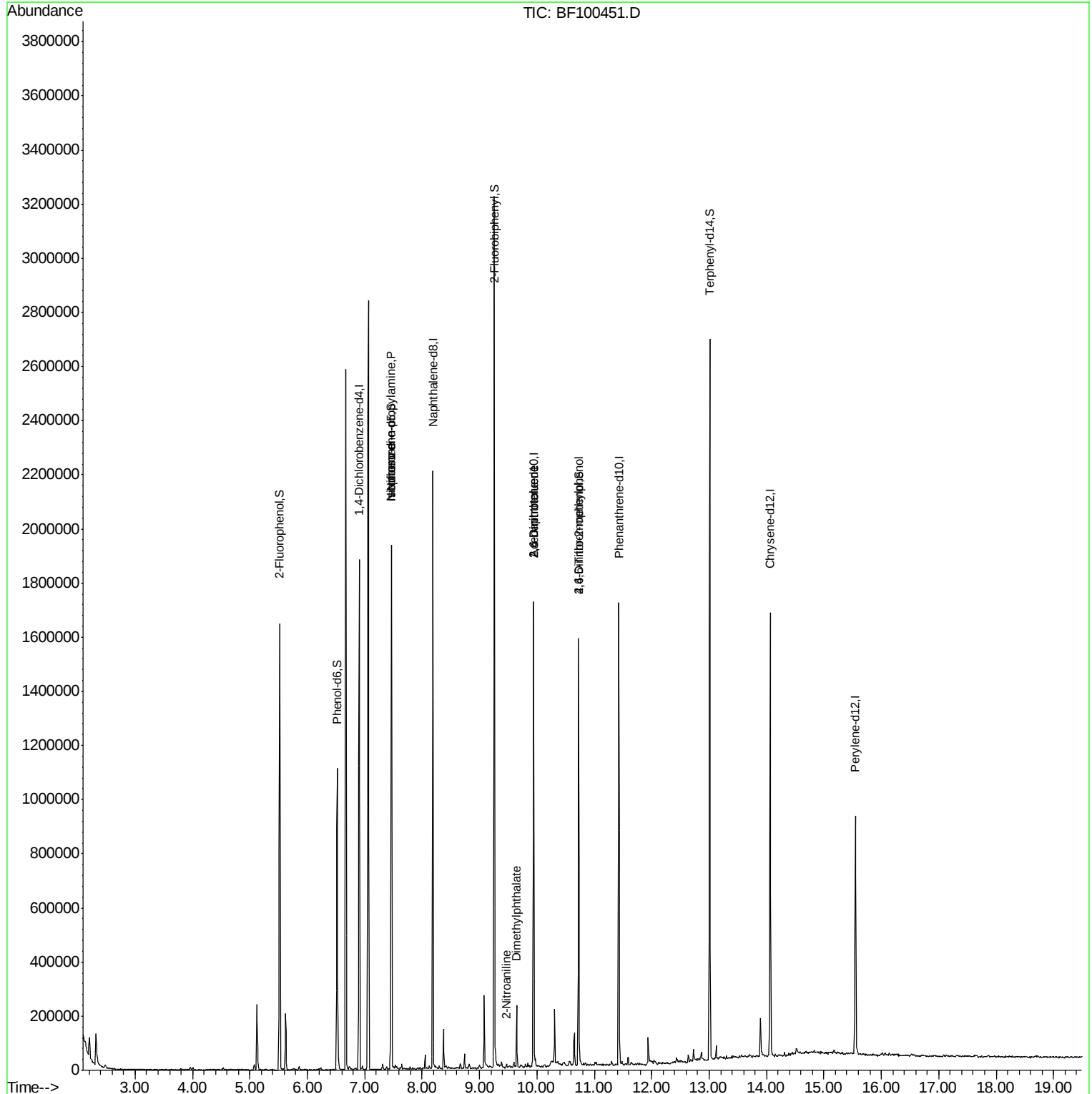
Quant Time: Nov 13 01:12:06 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration

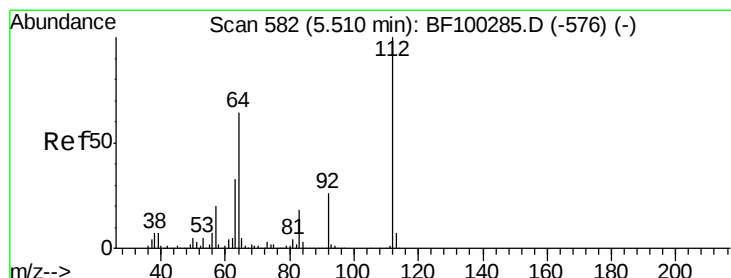
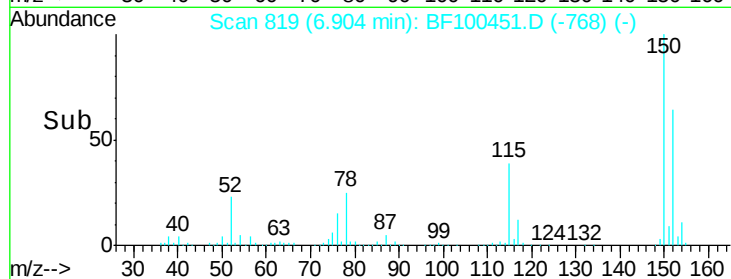
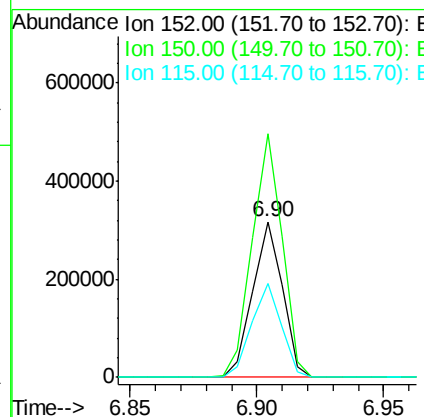
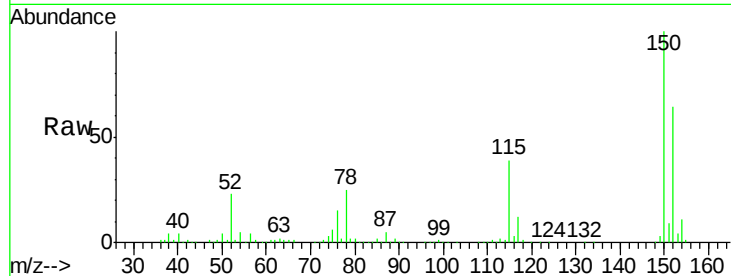




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

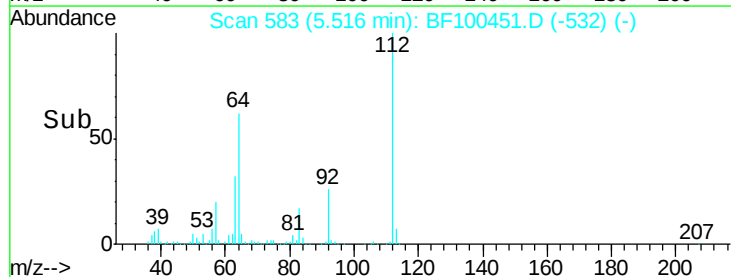
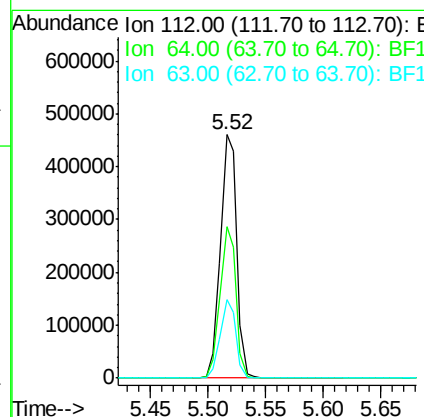
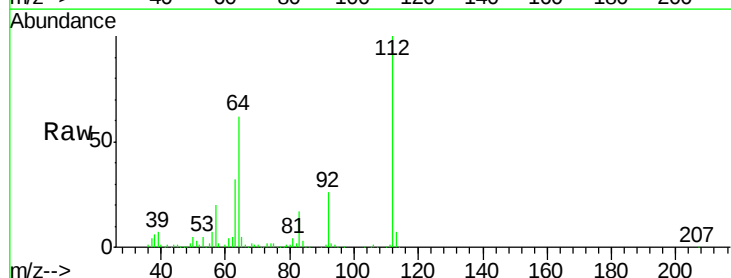
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

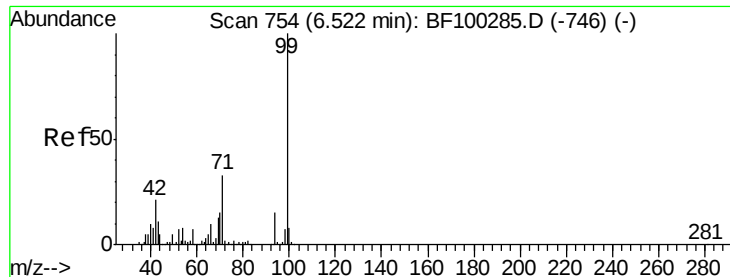
Tgt Ion:152 Resp: 260352
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 27.80 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

Tgt Ion:112 Resp: 451564
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 32.3 23.7 35.5





#7

Phenol-d6

Concen: 16.63 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-12

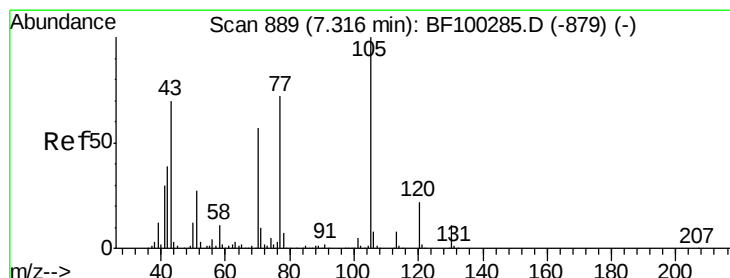
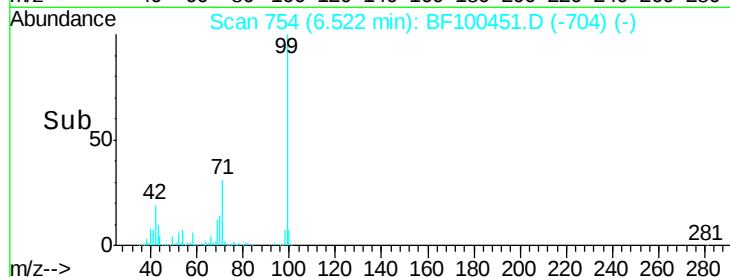
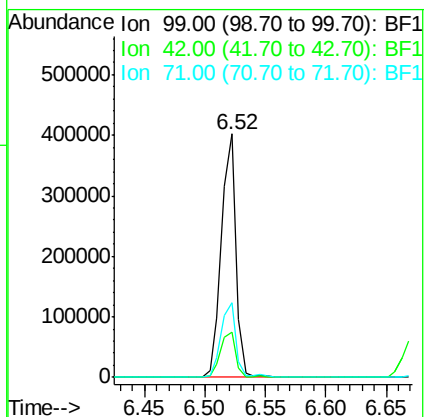
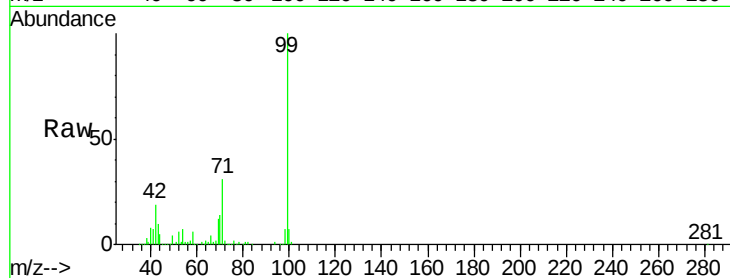
Tgt Ion: 99 Resp: 333161

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 30.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.70 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

Tgt Ion: 70 Resp: 93098

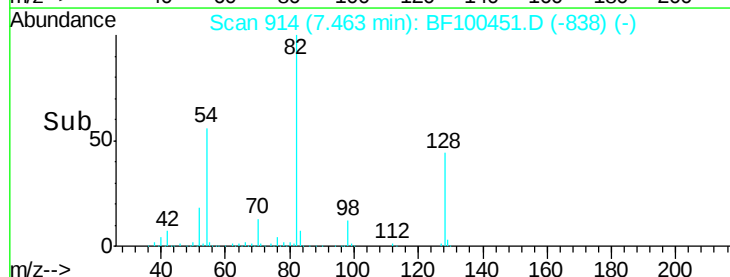
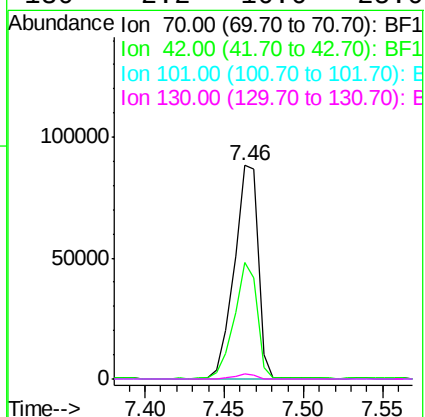
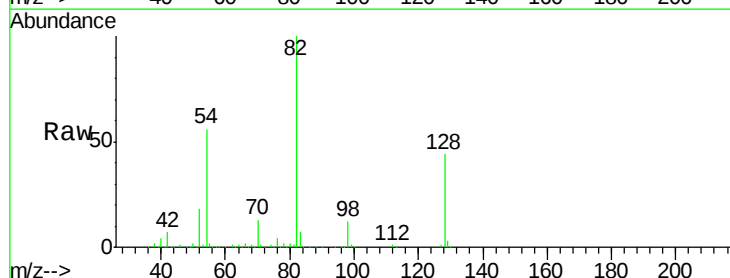
Ion Ratio Lower Upper

70 100

42 54.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

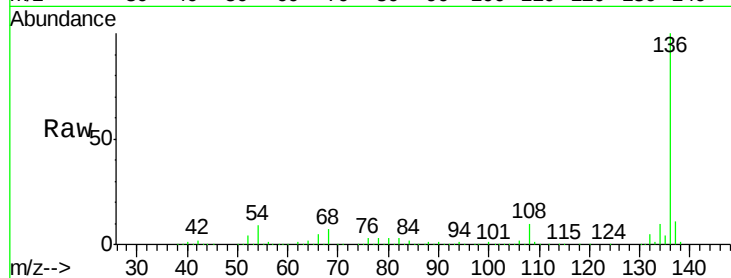




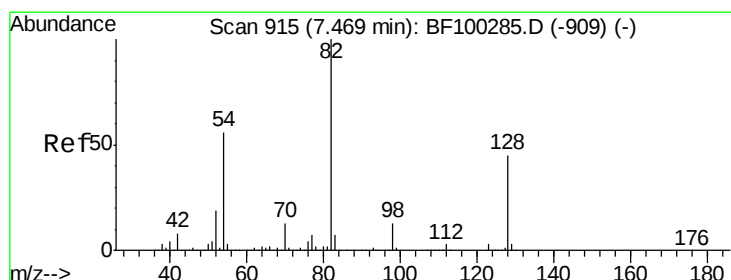
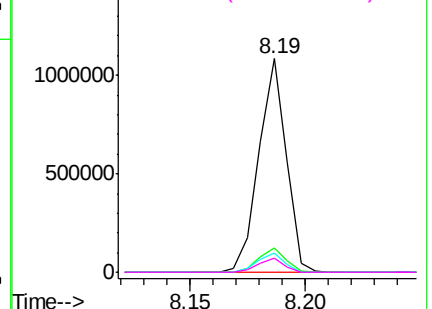
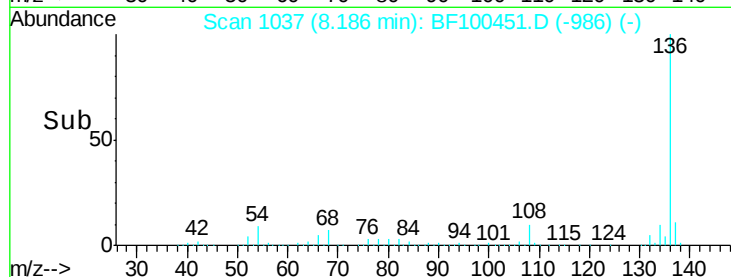
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100451.D
Acq: 11 Nov 2017 19:57

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:	136	Resp:	904620
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.2	6.6	9.8
68	6.5	5.0	7.4

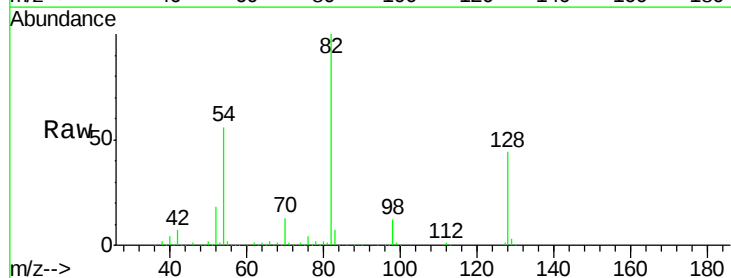


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

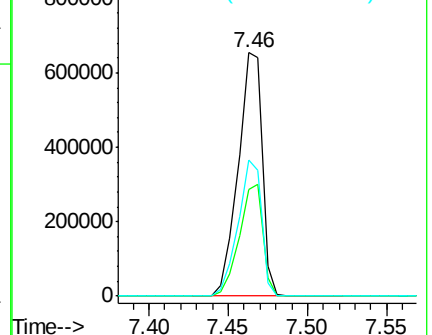
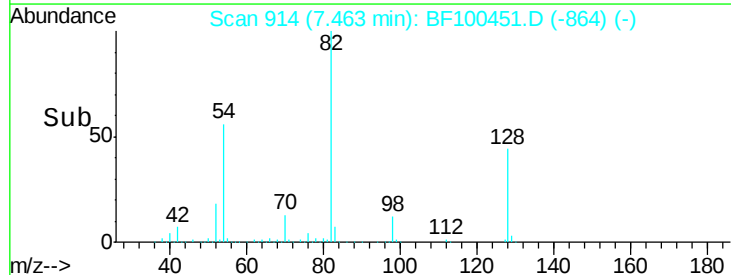


#23
Nitrobenzene-d5
Concen: 50.38 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100451.D
Acq: 11 Nov 2017 19:57

Tgt Ion:	82	Resp:	689375
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	55.7	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: 23.86 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-12

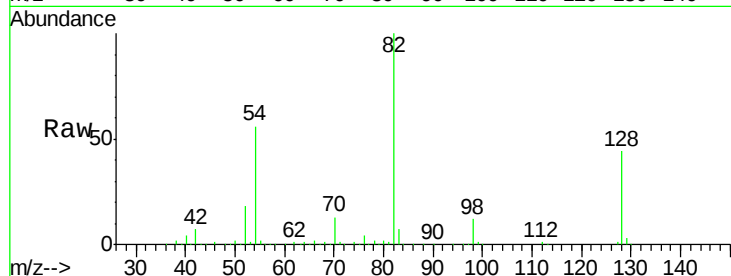
Tgt Ion: 82 Resp: 686192

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

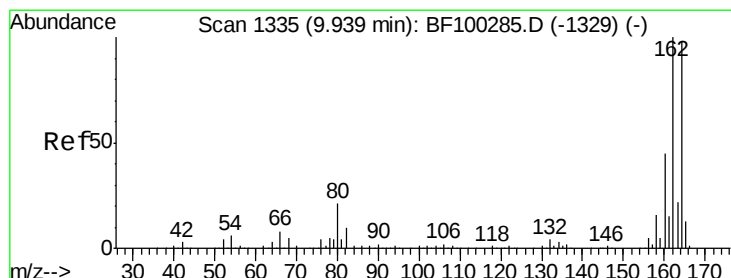
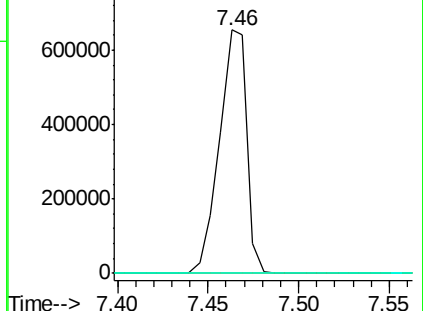
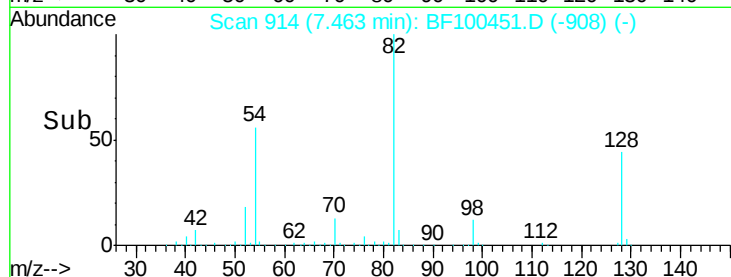
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

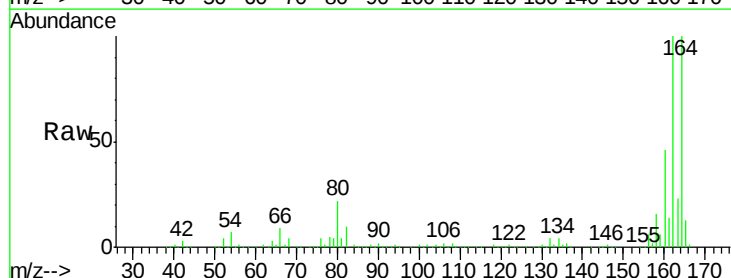
Tgt Ion: 164 Resp: 342268

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

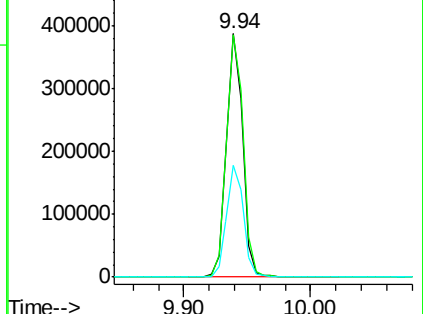
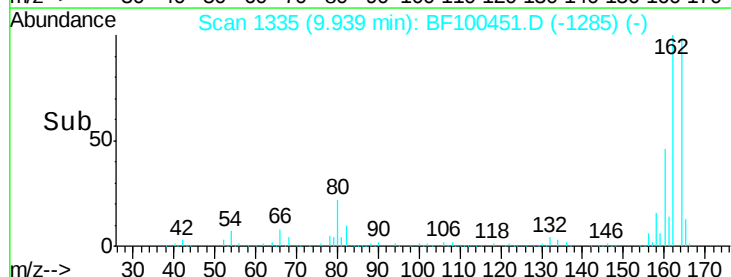
160 46.1 38.3 57.5

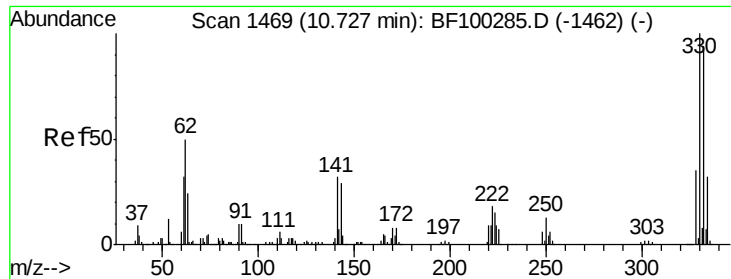


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

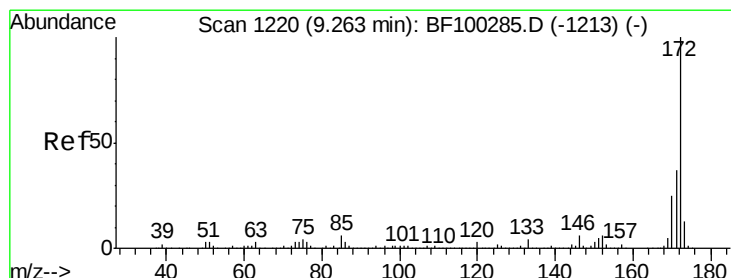
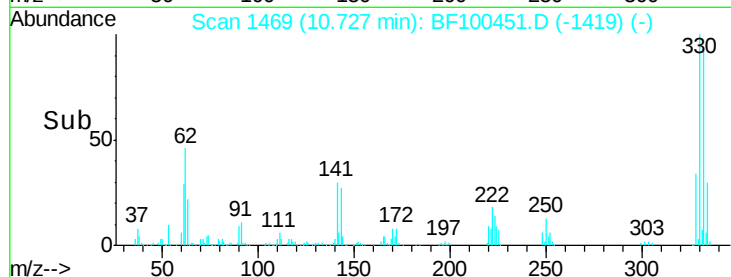
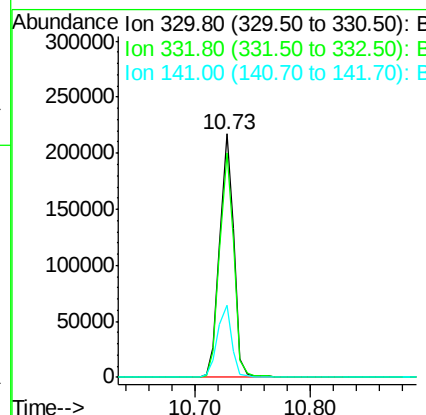
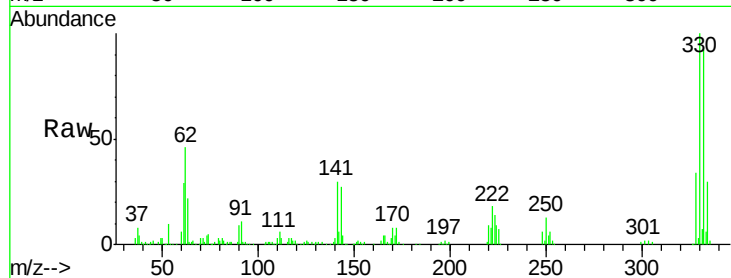




#41
 2,4,6-Tribromophenol
 Concen: 53.03 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

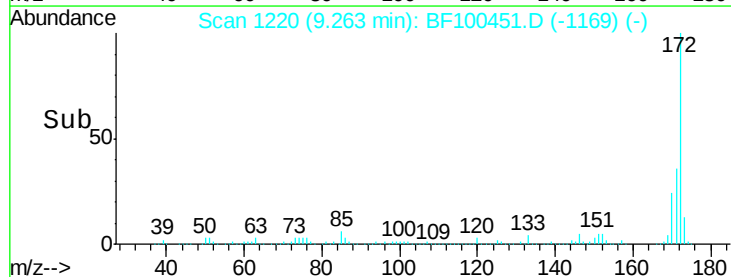
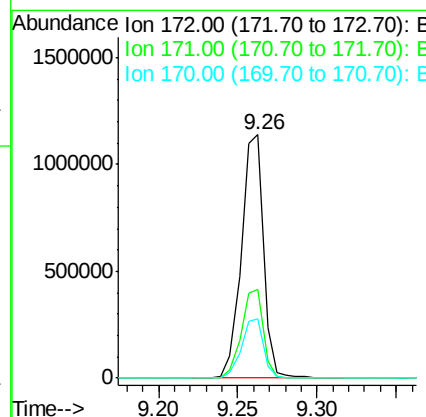
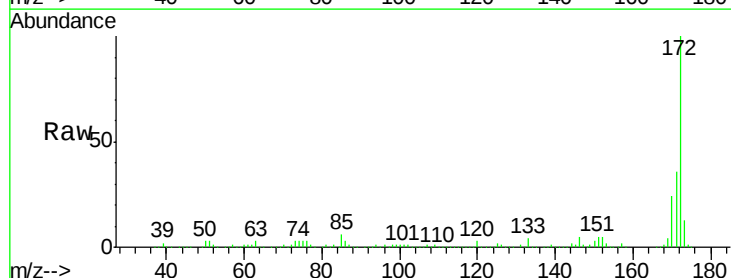
Instrument :
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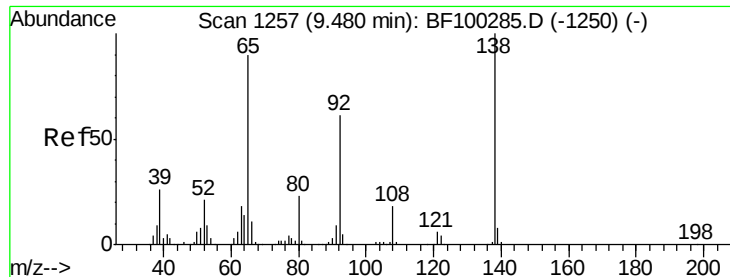
Tgt Ion:330 Resp: 184944
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 30.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 49.23 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

Tgt Ion:172 Resp: 1106525
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4





#47

2-Nitroaniline

Concen: 2.84 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-12

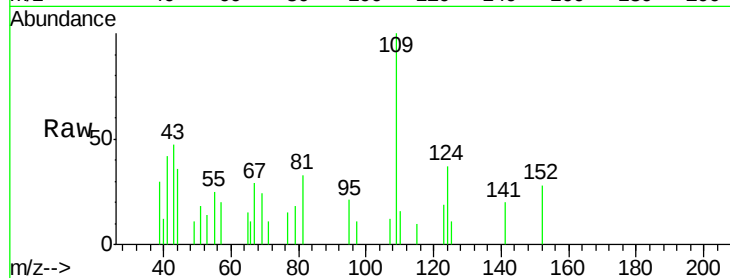
Tgt Ion: 65 Resp: 397

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

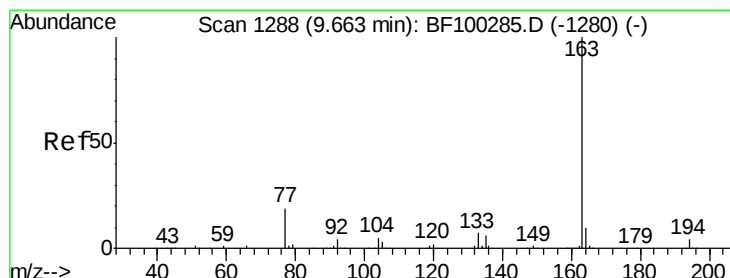
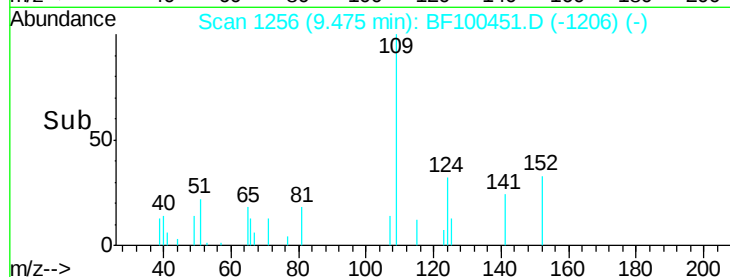
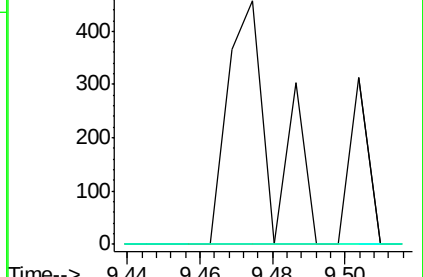
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 3.58 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

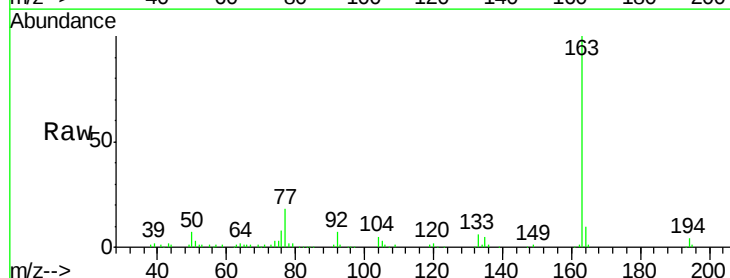
Tgt Ion:163 Resp: 93684

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

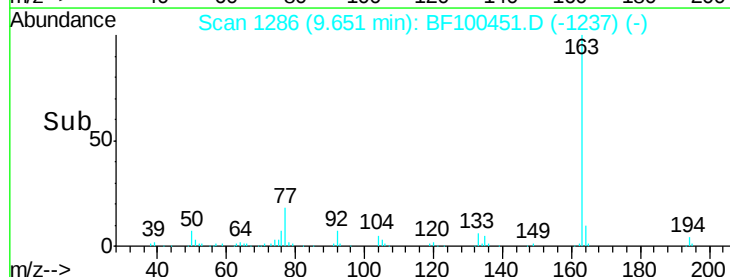
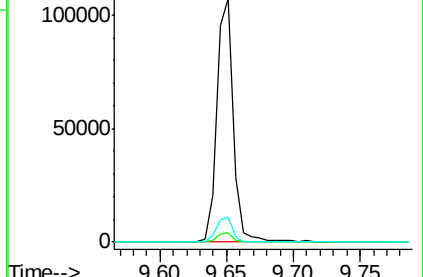
164 10.4 8.2 12.2

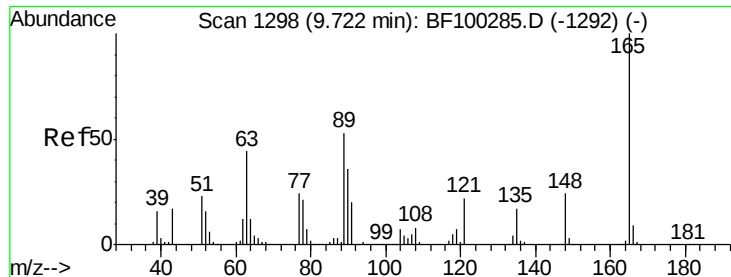


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

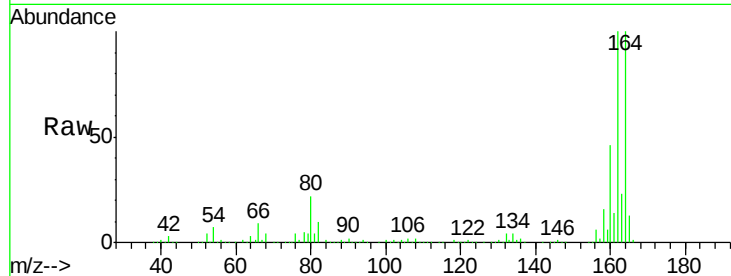




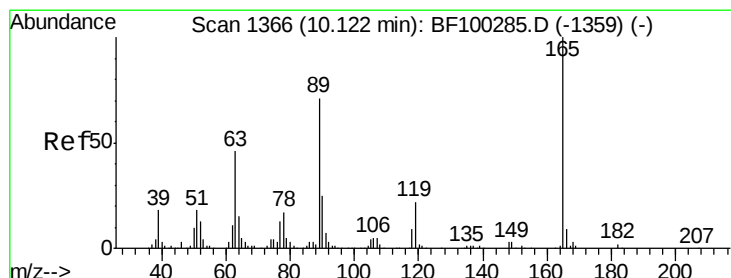
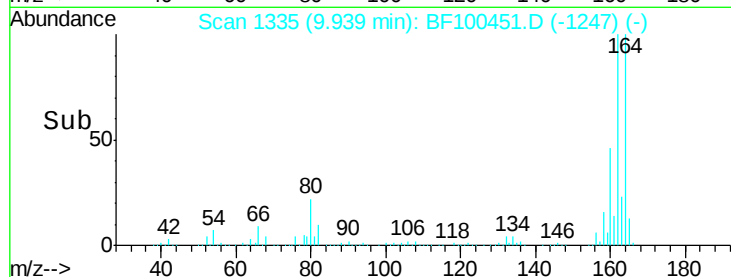
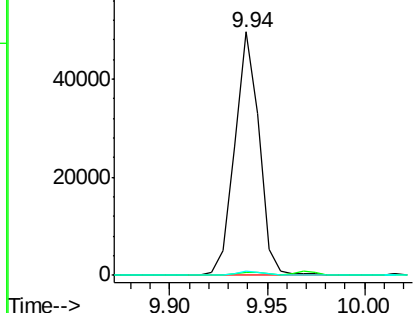
#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion:165 Resp: 43000
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 1.7 44.0 66.0#

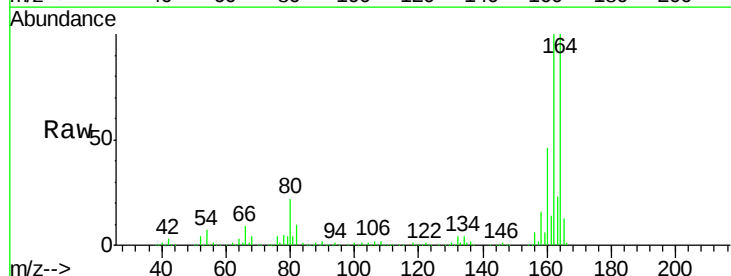


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

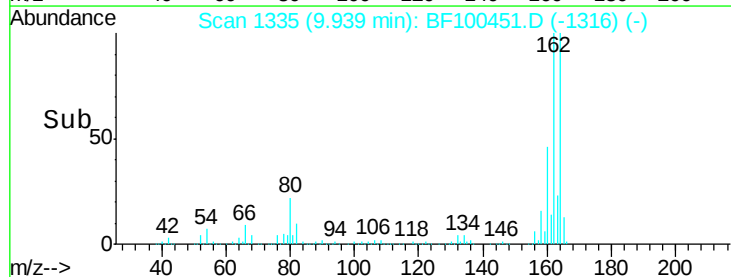
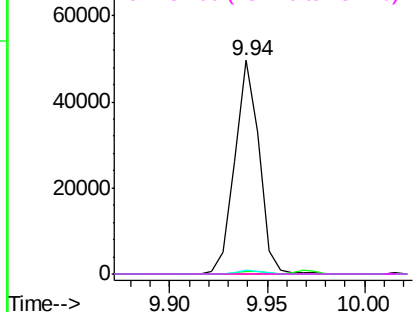


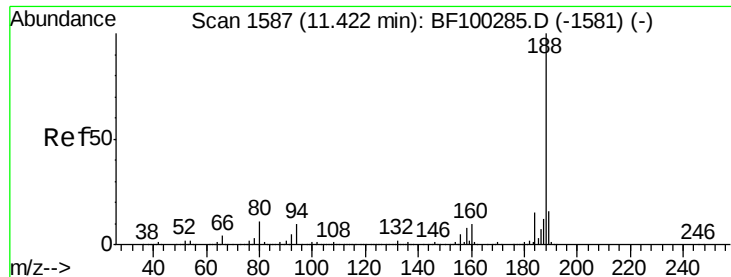
#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100451.D
 Acq: 11 Nov 2017 19:57

Tgt Ion:165 Resp: 43000
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#



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
 Ion 182.00 (181.70 to 182.70): E

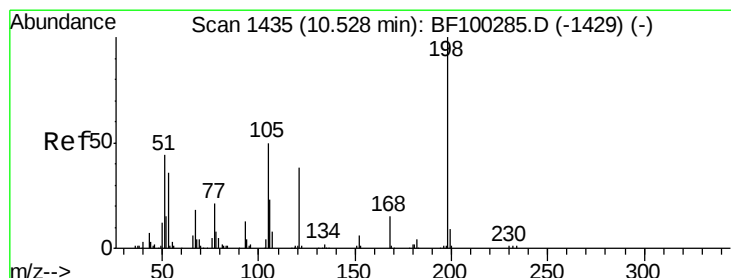
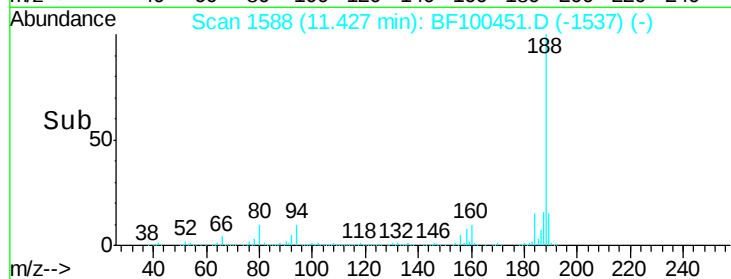
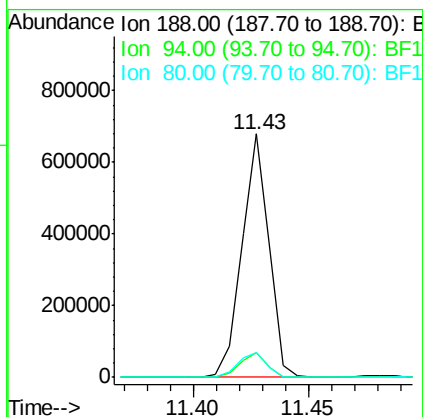
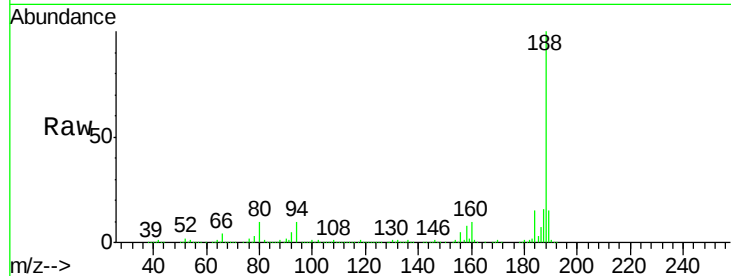




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100451.D
Acq: 11 Nov 2017 19:57

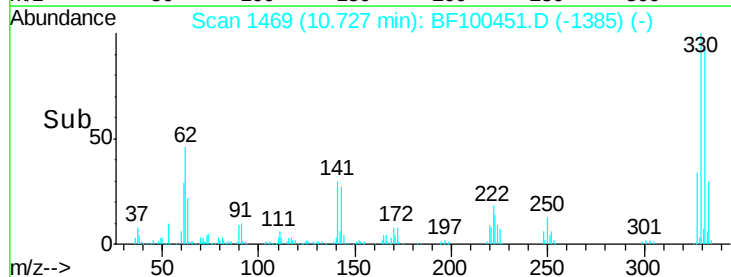
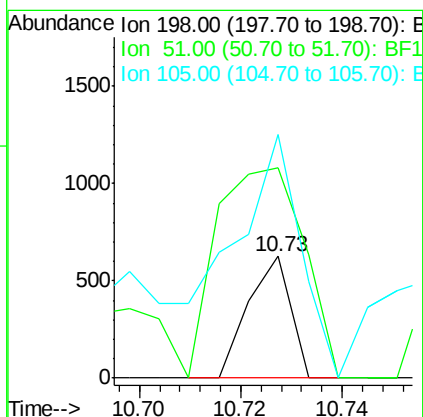
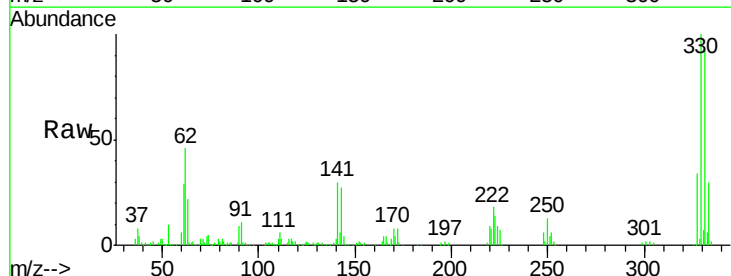
Instrument :
BNA_F
ClientSampleId :
TP-12

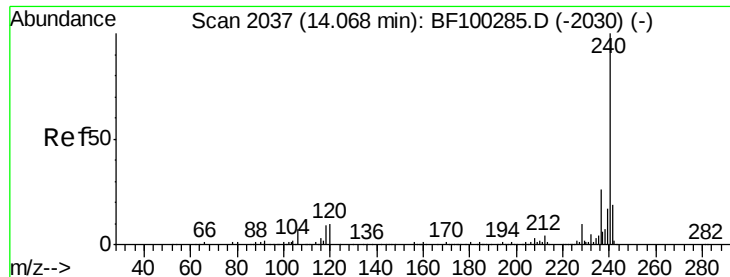
Tgt Ion:188 Resp: 551744
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100451.D
Acq: 11 Nov 2017 19:57

Tgt Ion:198 Resp: 360
Ion Ratio Lower Upper
198 100
51 172.9 37.7 77.7#
105 200.6 36.3 76.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

Instrument :

BNA_F

ClientSampleId :

TP-12

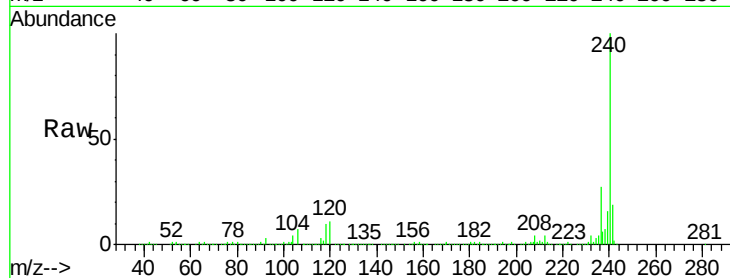
Tgt Ion:240 Resp: 570224

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

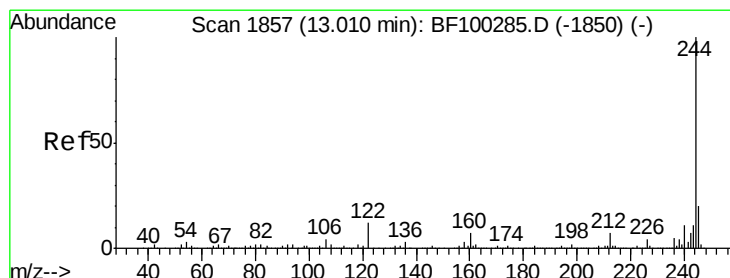
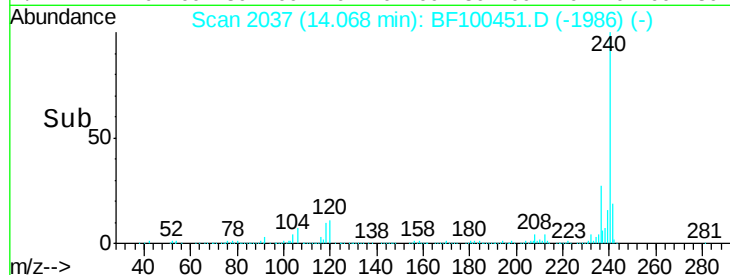
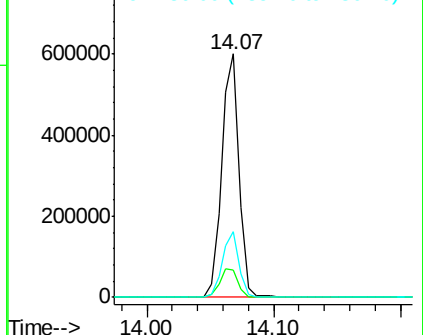
236 26.9 20.7 31.1



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: 37.59 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100451.D

Acq: 11 Nov 2017 19:57

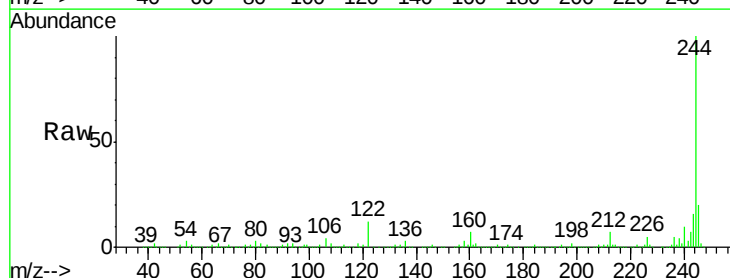
Tgt Ion:244 Resp: 932857

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

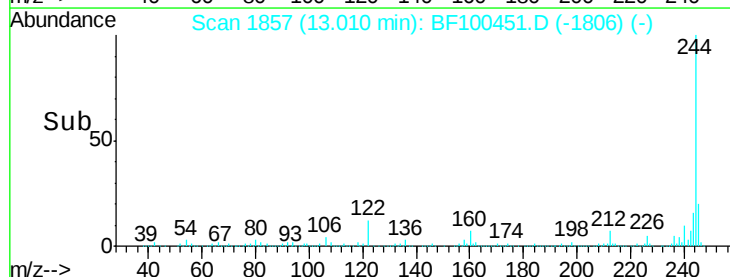
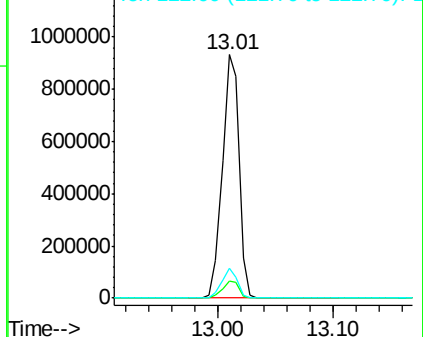
122 12.0 11.0 16.4

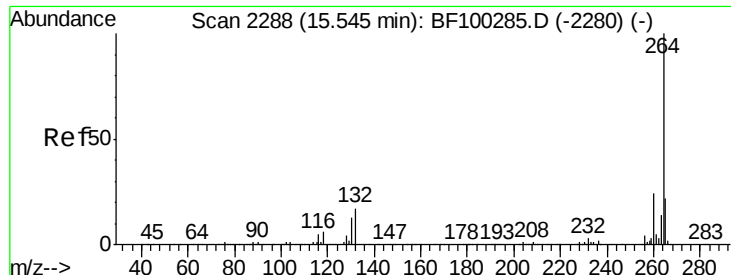


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

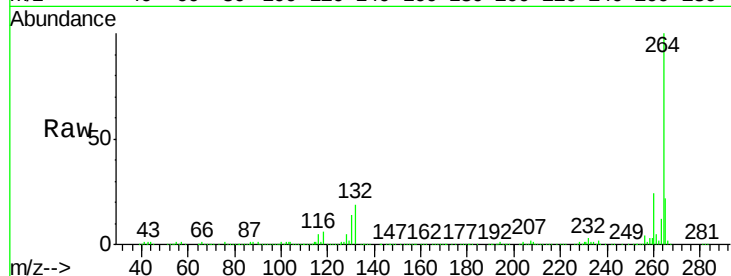




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100451.D
Acq: 11 Nov 2017 19:57

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion: 264 Resp: 414243
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 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

