

Data File : BF100447.D
Acq On : 11 Nov 2017 18:10
Operator : SJ/JU
Sample : I6396-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-STONE

Quant Time: Nov 13 01:10:57 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	137496	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	488064	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	180758	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	293916	20.00	ng	0.00
75) Chrysene-d12	14.06	240	293765	20.00	ng	0.00
86) Perylene-d12	15.55	264	206524	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1058197	123.37	ng	0.01
7) Phenol-d6	6.53	99	1268168	119.90	ng	0.00
23) Nitrobenzene-d5	7.47	82	777877	105.37	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	221025	120.00	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1264584	106.53	ng	0.00
78) Terphenyl-d14	13.02	244	1028600	80.45	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	103133	14.06	ng	# 81
25) Isophorone	7.47	82	774766	49.94	ng	# 64
47) 2-Nitroaniline	9.65	65	336	2.88	ng	# 1
49) Dimethylphthalate	9.65	163	51133	3.70	ng	99
50) 2,6-Dinitrotoluene	9.94	165	22720	8.32	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	22720	6.59	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	368	8.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	13899	4.41	ng	# 1

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

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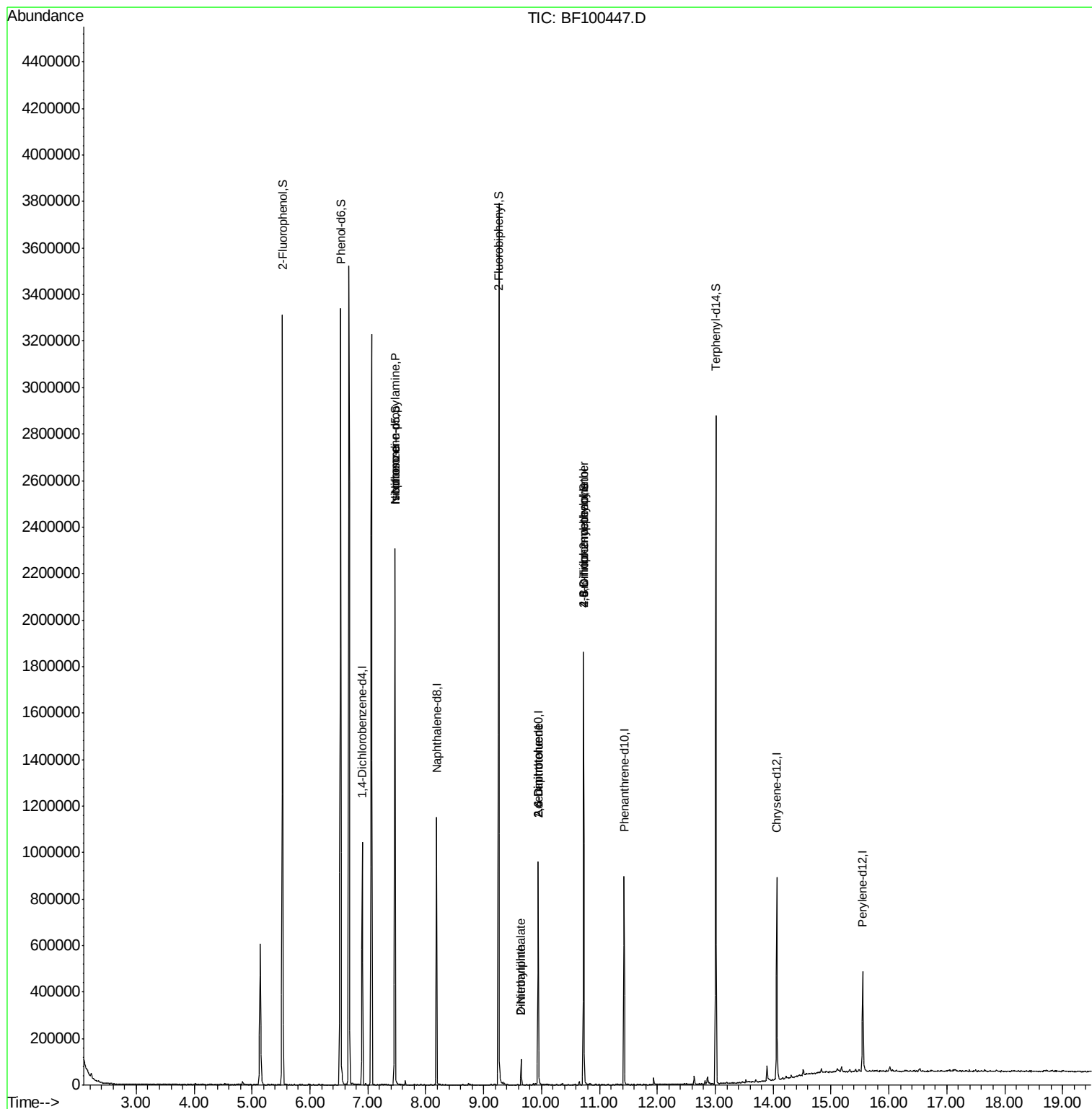
Quant Time: Nov 13 01:10:57 2017

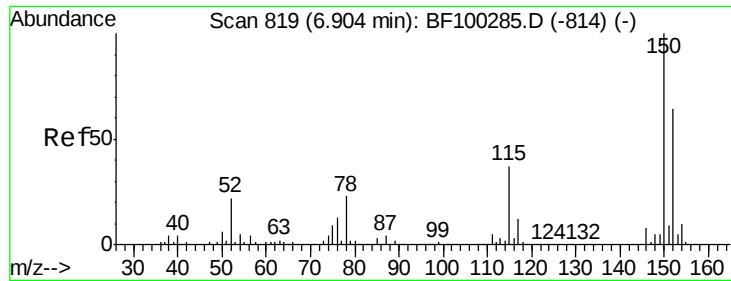
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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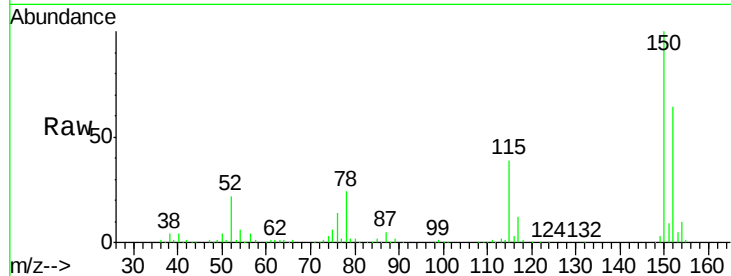


#1

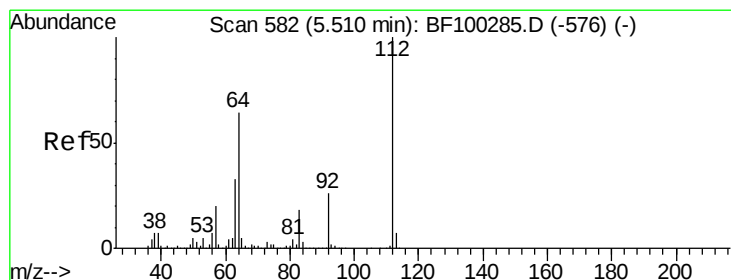
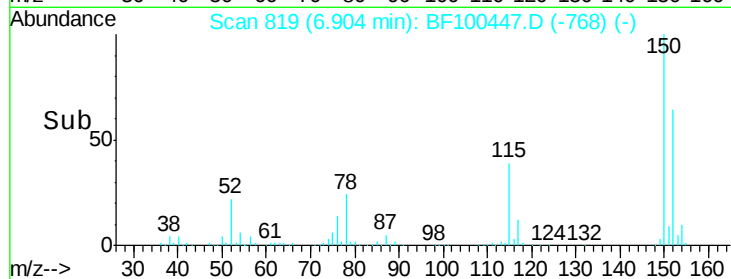
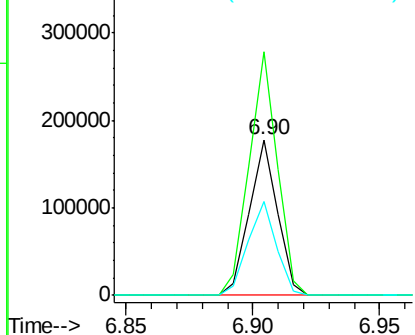
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Instrument :
BNA_F
ClientSampleId :
LS-STONE

Tgt Ion:152 Resp: 137496
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.5 50.1 75.1



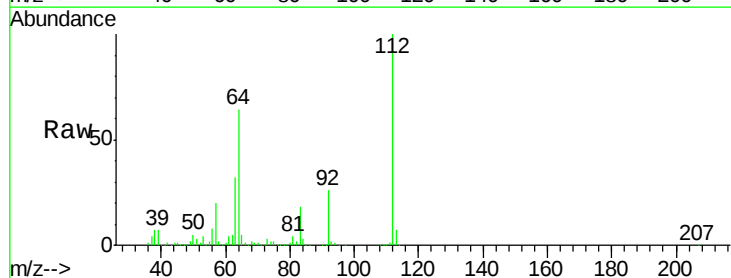
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



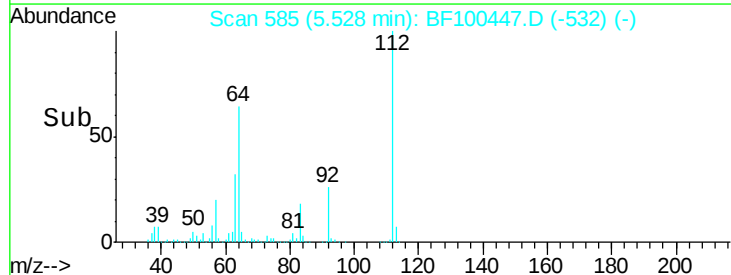
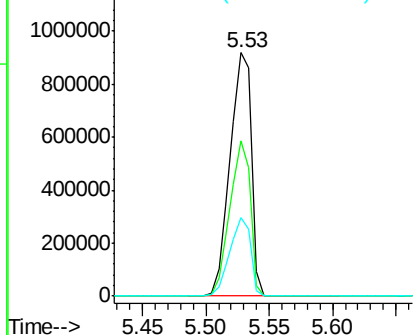
#5

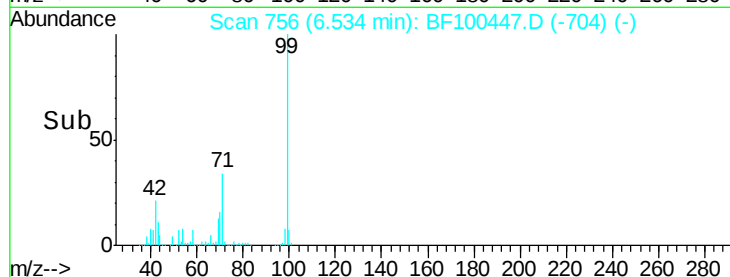
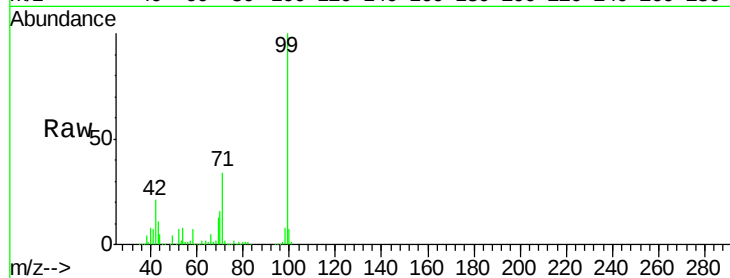
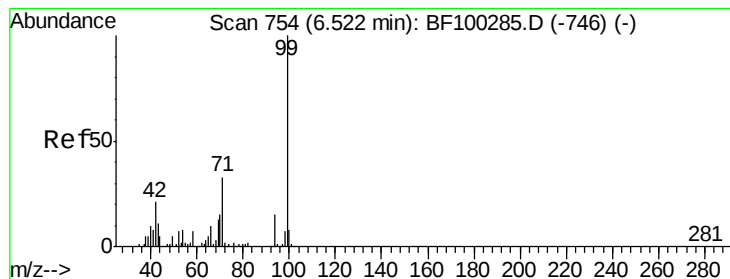
2-Fluorophenol
Concen: 123.37 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Tgt Ion:112 Resp: 1058197
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 32.1 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: 119.90 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100447.D

Acq: 11 Nov 2017 18:10

Instrument :

BNA_F

ClientSampleId :

LS-STONE

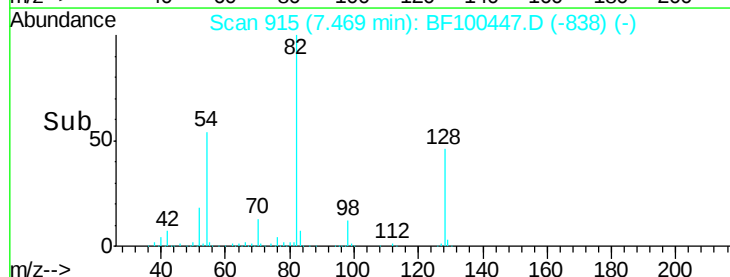
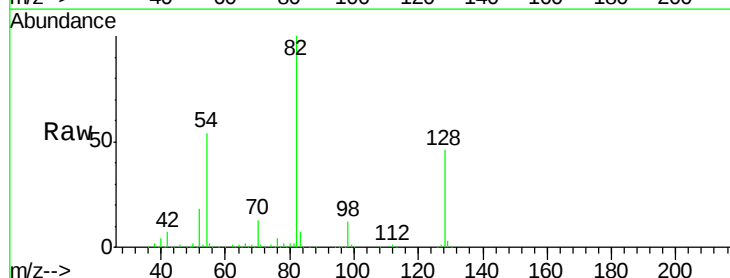
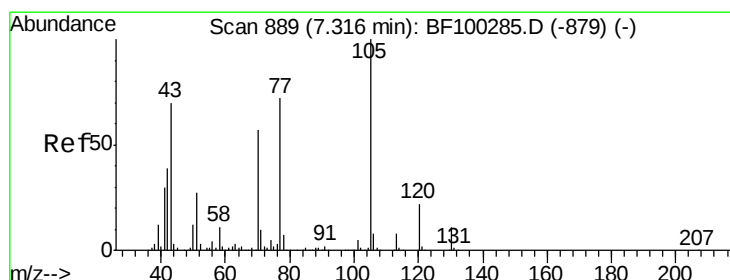
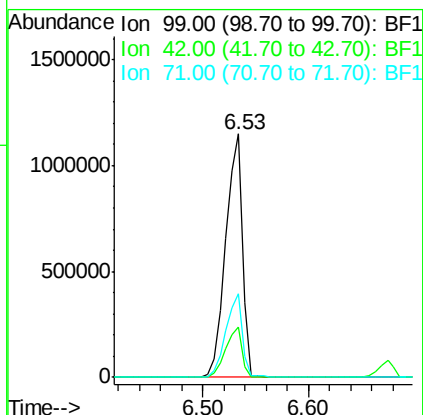
Tgt Ion: 99 Resp: 1268168

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 34.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100447.D

Acq: 11 Nov 2017 18:10

Tgt Ion: 70 Resp: 103133

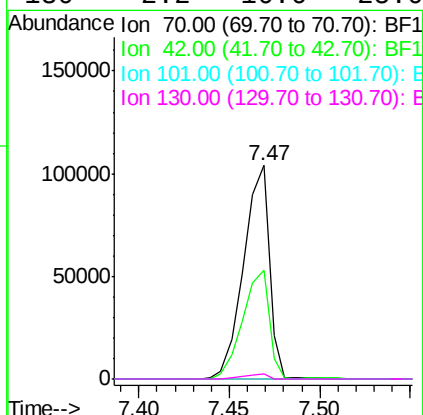
Ion Ratio Lower Upper

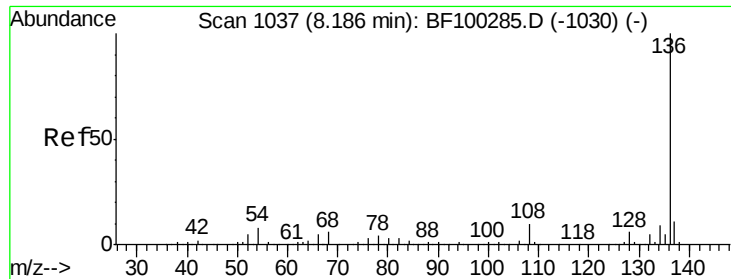
70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

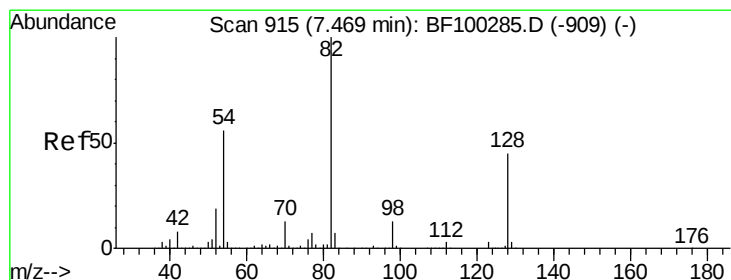
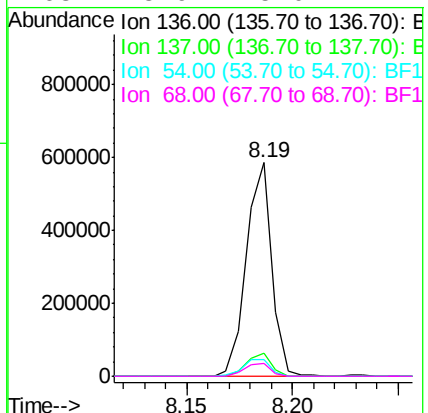
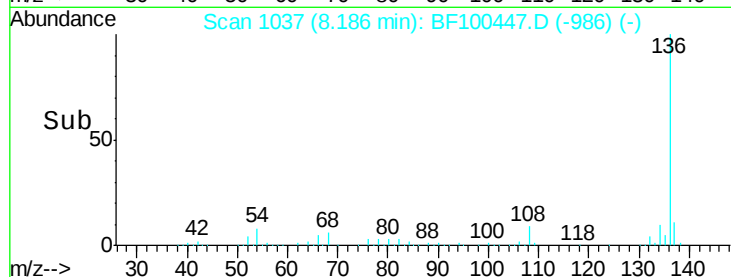
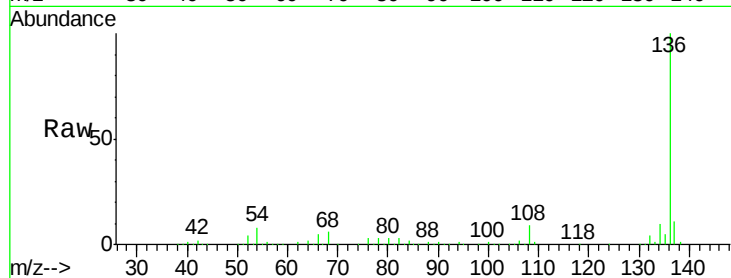




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

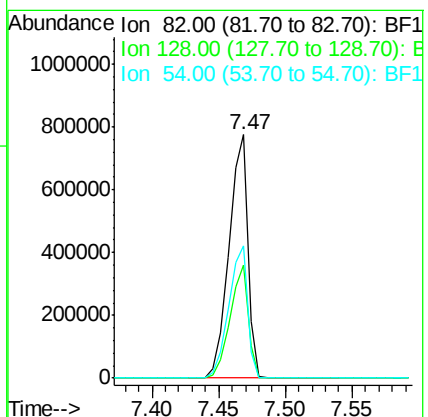
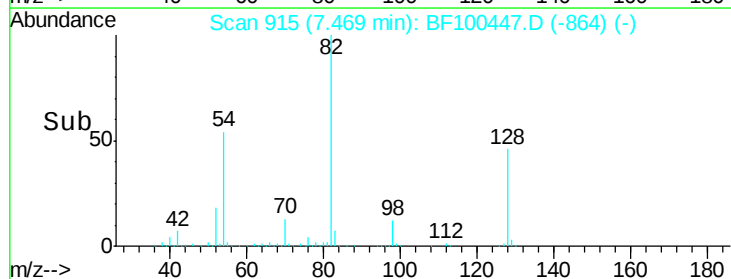
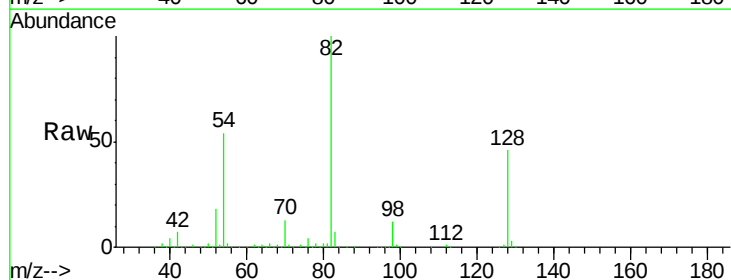
Instrument :
BNA_F
ClientSampleId :
LS-STONE

Tgt Ion:	136	Resp:	488064
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 105.37 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Tgt Ion:	82	Resp:	777877
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.3	41.4	62.2





#25

Isophorone

Concen: 49.94 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100447.D

Acq: 11 Nov 2017 18:10

Instrument :

BNA_F

ClientSampleId :

LS-STONE

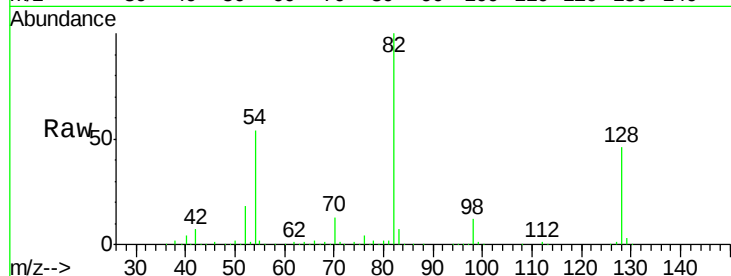
Tgt Ion: 82 Resp: 774766

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

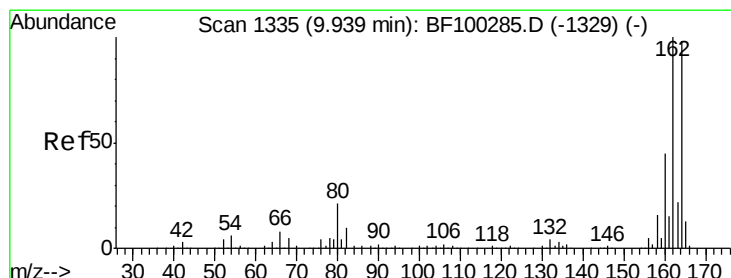
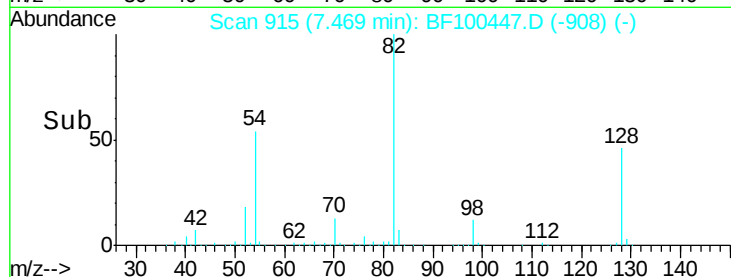
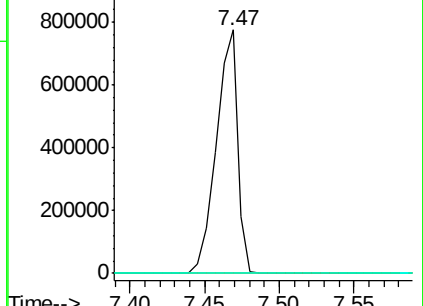
138 0.0 14.9 22.3#



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: BF100447.D

Acq: 11 Nov 2017 18:10

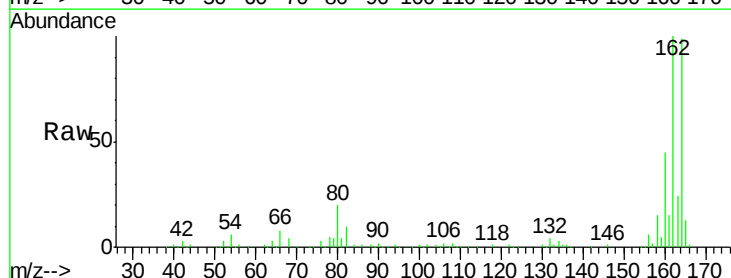
Tgt Ion: 164 Resp: 180758

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

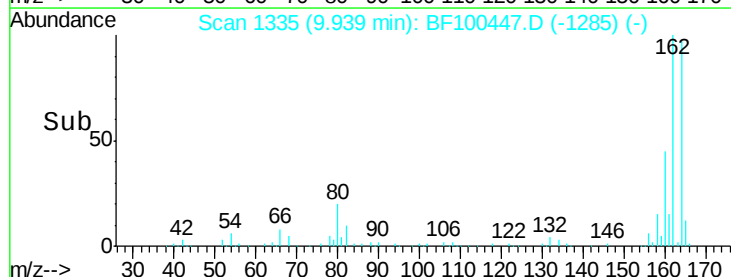
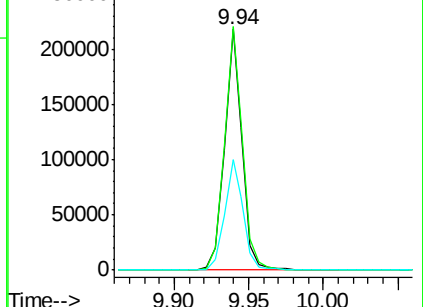
160 45.9 38.3 57.5

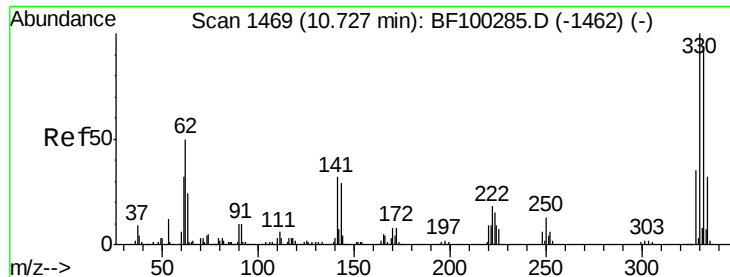


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

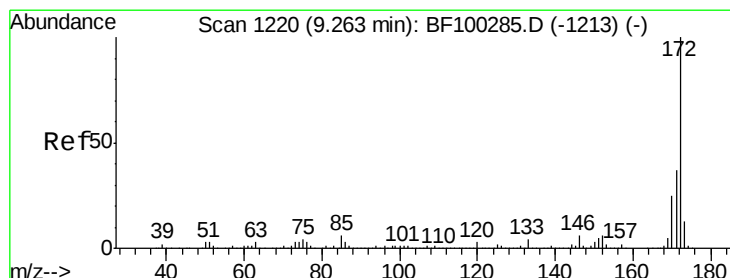
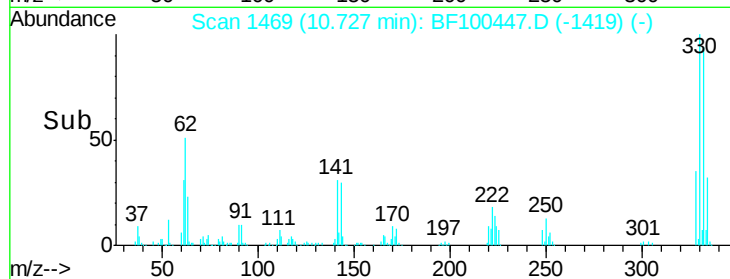
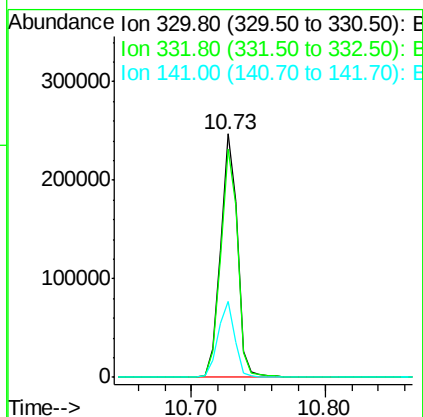
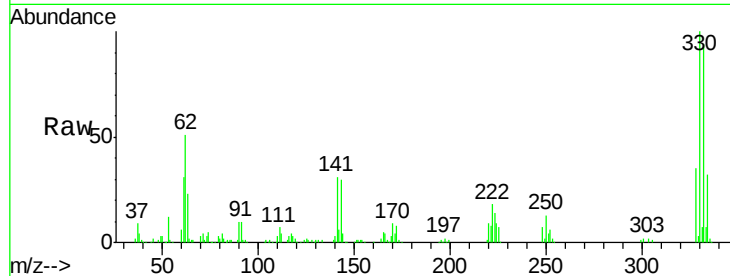




#41
 2,4,6-Tribromophenol
 Concen: 120.00 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

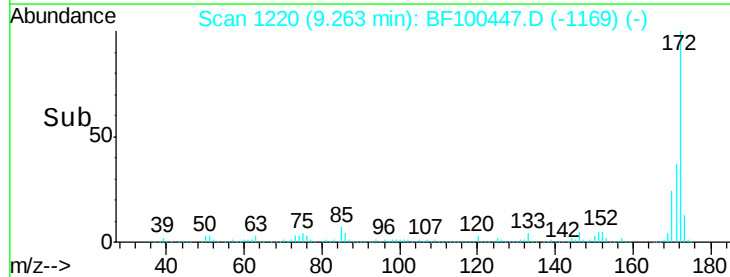
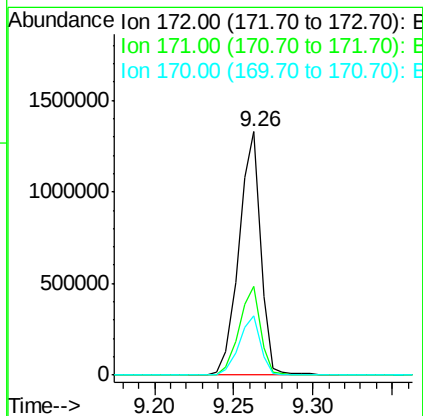
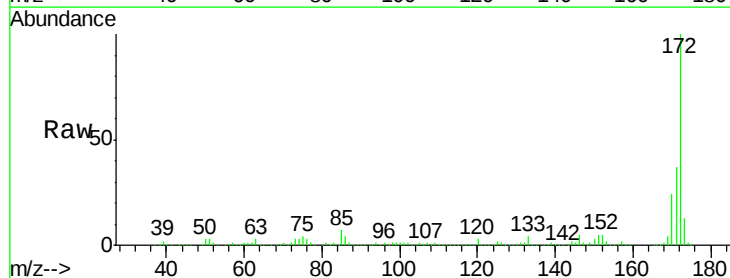
Instrument :
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 ClientSampleId :
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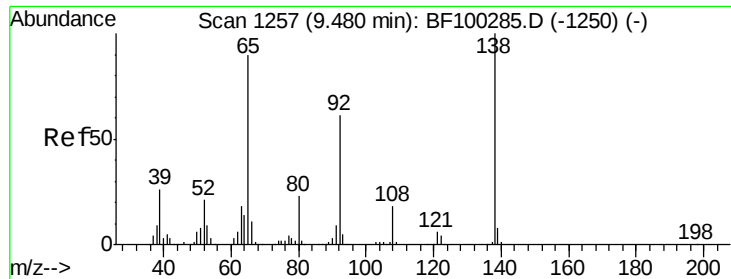
Tgt Ion:330 Resp: 221025
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 106.53 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

Tgt Ion:172 Resp: 1264584
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4

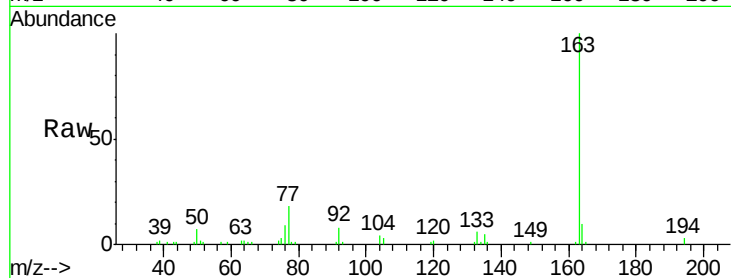




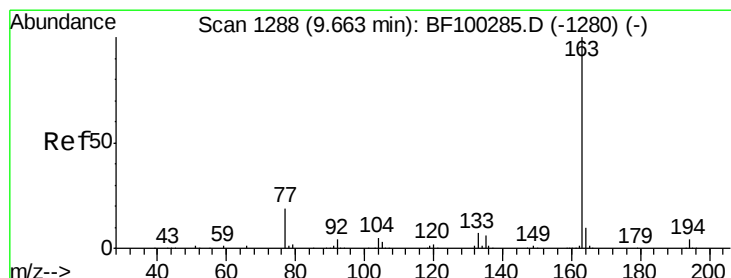
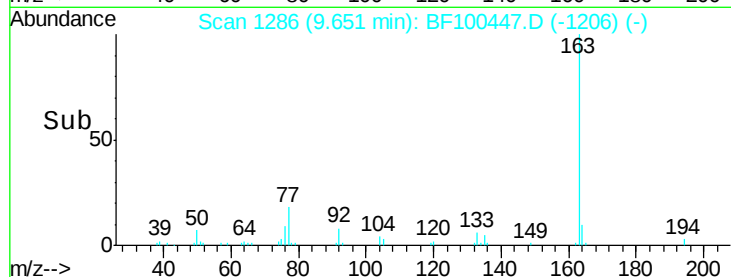
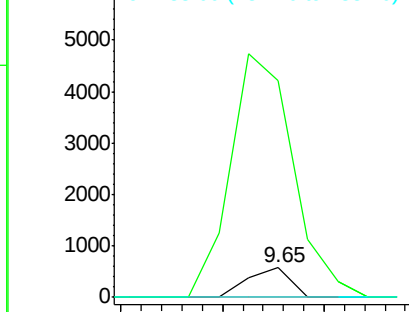
#47
2-Nitroaniline
Concen: 2.88 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Instrument :
BNA_F
ClientSampleId :
LS-STONE

Tgt Ion: 65 Resp: 336
Ion Ratio Lower Upper
65 100
92 741.2 55.8 83.6#
138 0.0 91.2 136.8#

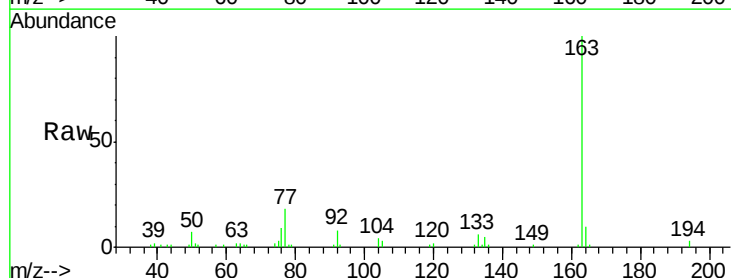


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

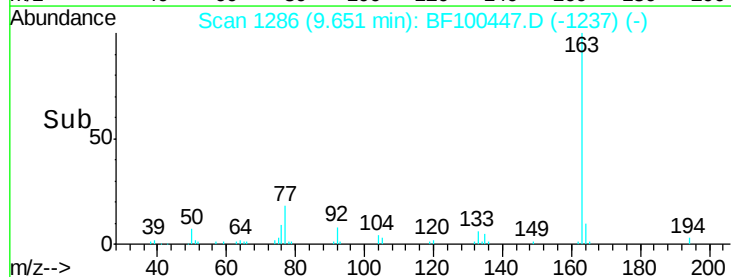
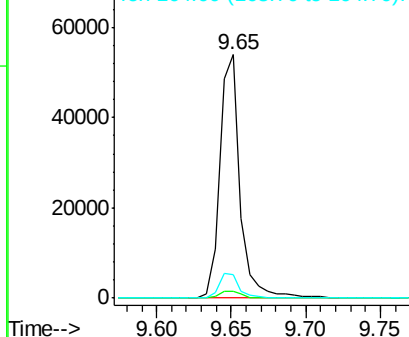


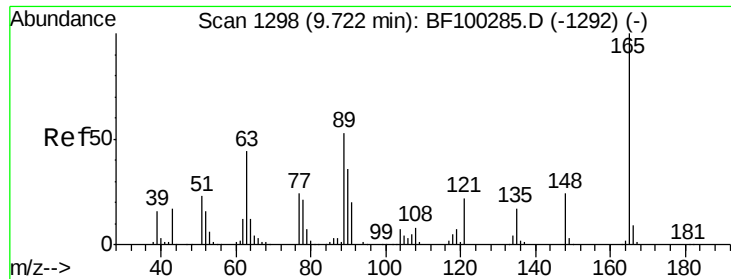
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Tgt Ion: 163 Resp: 51133
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.7 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

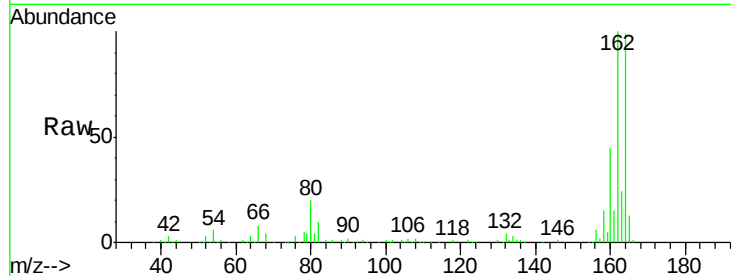




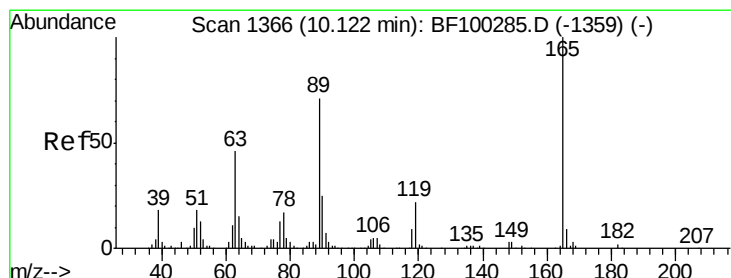
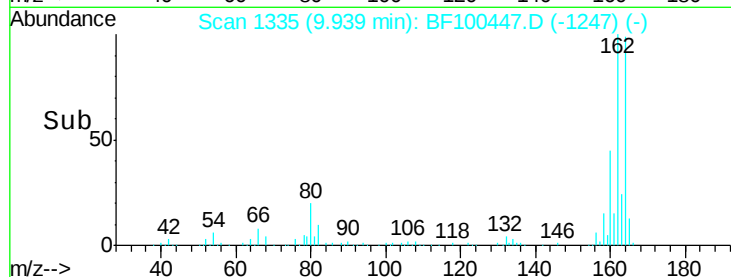
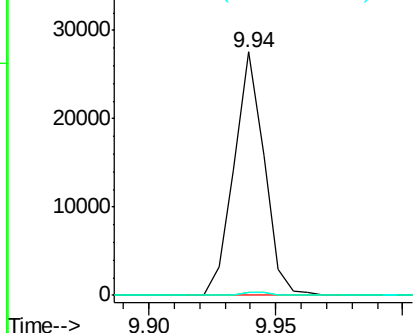
#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 LS-STONE

Tgt Ion:165 Resp: 22720
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.4 44.0 66.0#



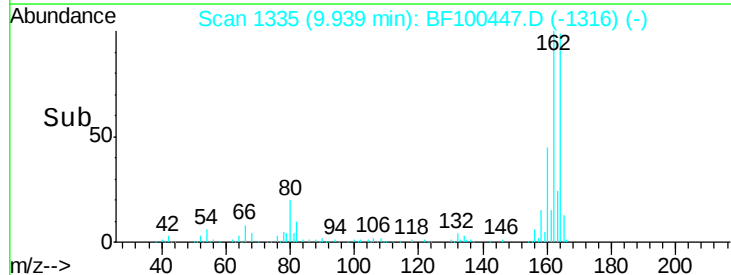
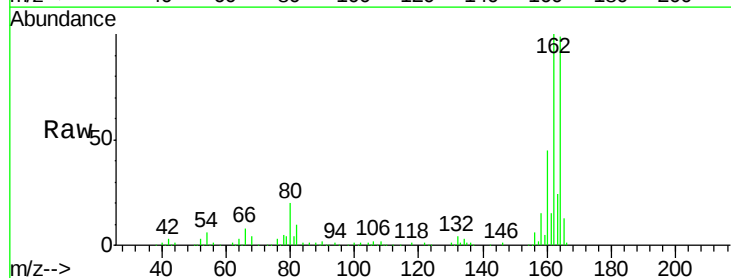
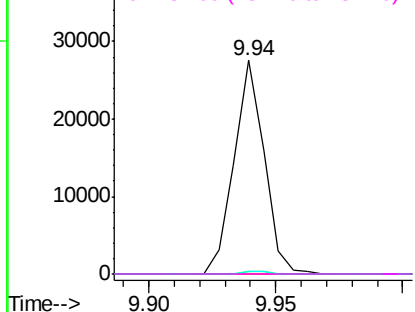
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

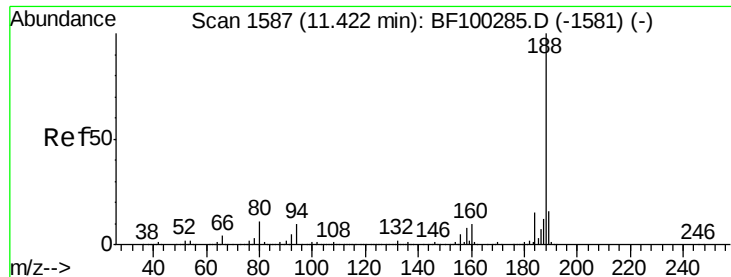


#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

Tgt Ion:165 Resp: 22720
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.4 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: BF100447.D

Acq: 11 Nov 2017 18:10

Instrument :

BNA_F

ClientSampleId :

LS-STONE

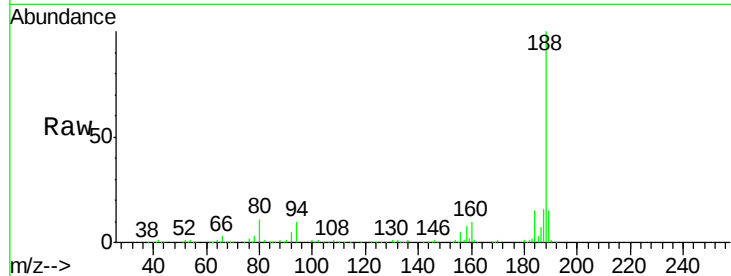
Tgt Ion:188 Resp: 293916

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

80 10.9 9.2 13.8

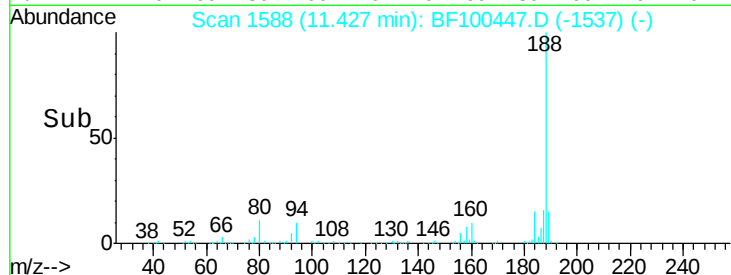


Abundance Ion 188.00 (187.70 to 188.70): E

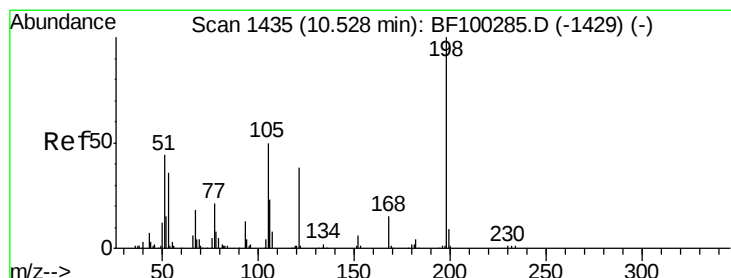
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 8.77 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100447.D

Acq: 11 Nov 2017 18:10

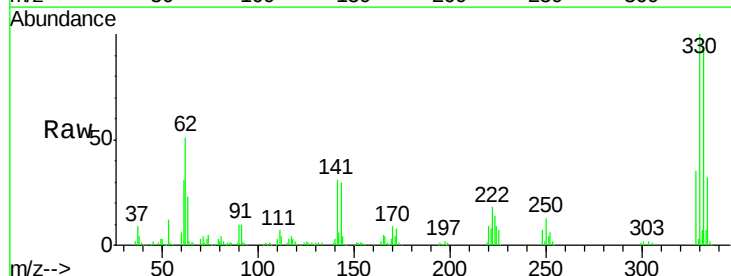
Tgt Ion:198 Resp: 368

Ion Ratio Lower Upper

198 100

51 218.0 37.7 77.7#

105 165.6 36.3 76.3#

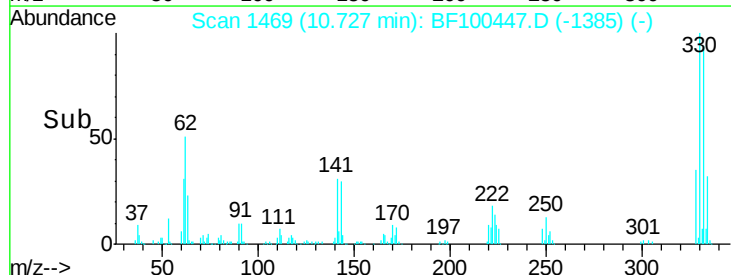


Abundance Ion 198.00 (197.70 to 198.70): E

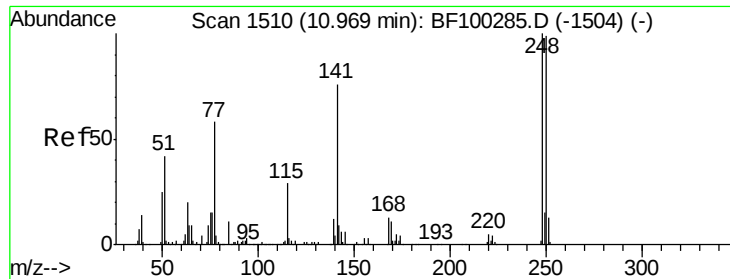
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



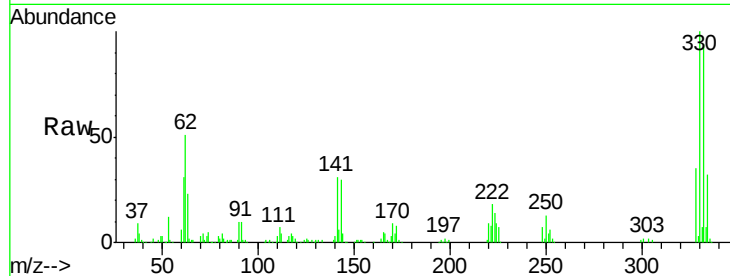
Time-->



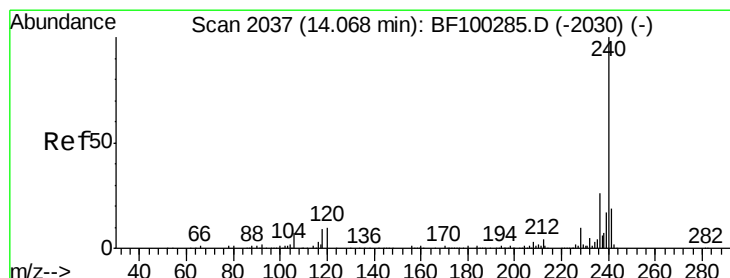
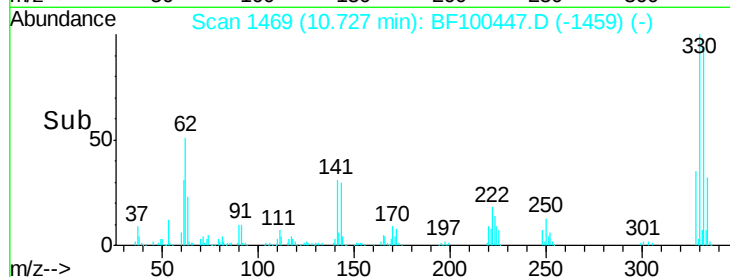
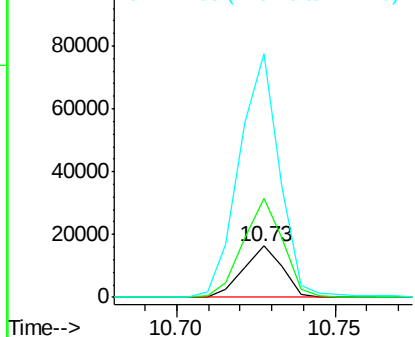
#66
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Instrument :
BNA_F
ClientSampleId :
LS-STONE

Tgt Ion:248 Resp: 13899
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 474.1 74.4 111.6#

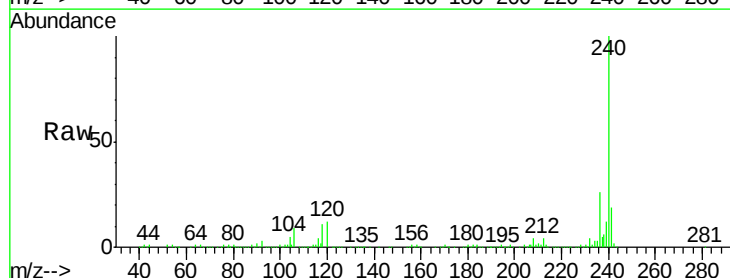


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

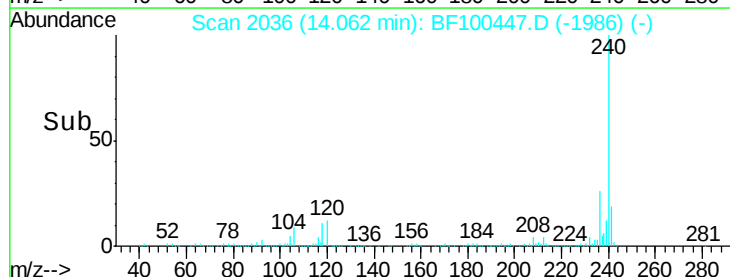
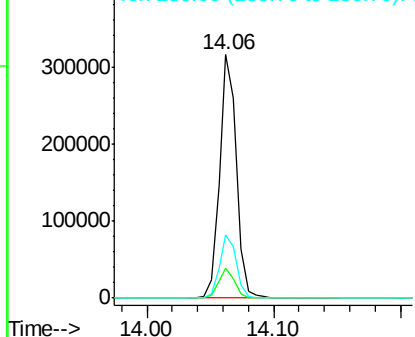


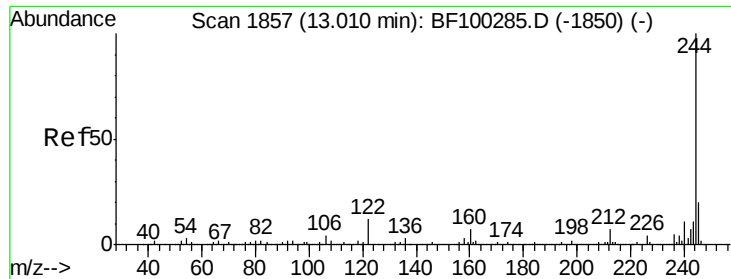
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100447.D
Acq: 11 Nov 2017 18:10

Tgt Ion:240 Resp: 293765
Ion Ratio Lower Upper
240 100
120 12.1 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

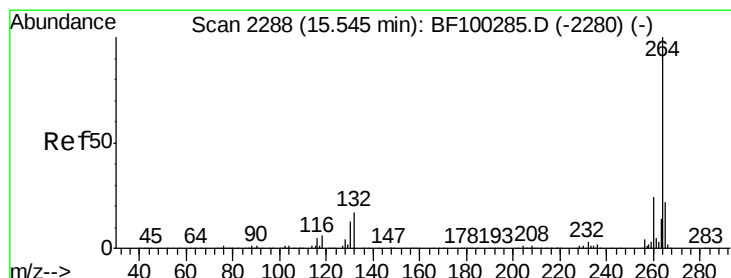
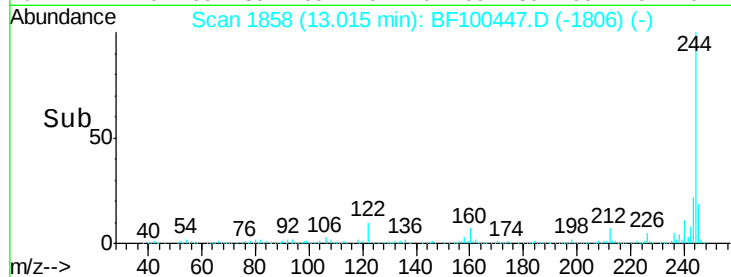
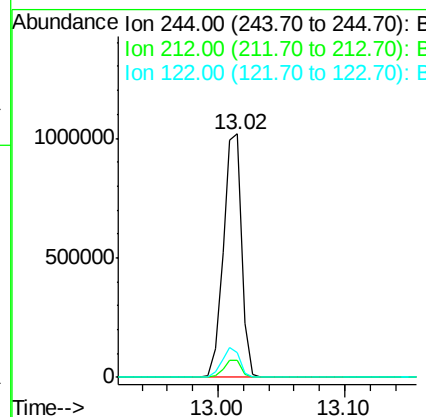
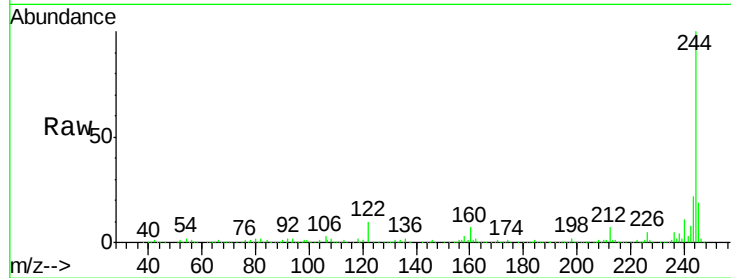




#78
 Terphenyl-d14
 Concen: 80.45 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 LS-STONE

Tgt Ion:244 Resp: 1028600
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF100447.D
 Acq: 11 Nov 2017 18:10

Tgt Ion:264 Resp: 206524
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.4 17.5 26.3

