

Data File : BF100483.D
Acq On : 12 Nov 2017 12:21
Operator : SJ/JU
Sample : I6402-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-U-S

Quant Time: Nov 13 06:18:01 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	137512	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	512958	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	215375	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	337984	20.00	ng	0.00
75) Chrysene-d12	14.06	240	295251	20.00	ng	0.00
86) Perylene-d12	15.54	264	203383	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	410286	47.83	ng	0.00
7) Phenol-d6	6.52	99	319282	30.18	ng	-0.01
23) Nitrobenzene-d5	7.47	82	903228	116.41	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	196053	89.33	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1496780	105.82	ng	0.00
78) Terphenyl-d14	13.01	244	1100096	85.61	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	25831	2.33	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	120949	16.49	ng	# 79
25) Isophorone	7.47	82	901357	55.28	ng	# 64
47) 2-Nitroaniline	9.65	65	186	2.83	ng	# 1
49) Dimethylphthalate	9.65	163	52079	3.17	ng	97
50) 2,6-Dinitrotoluene	9.94	165	27778	8.53	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	27778	6.76	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	389	8.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	12092	3.34	ng	# 1

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

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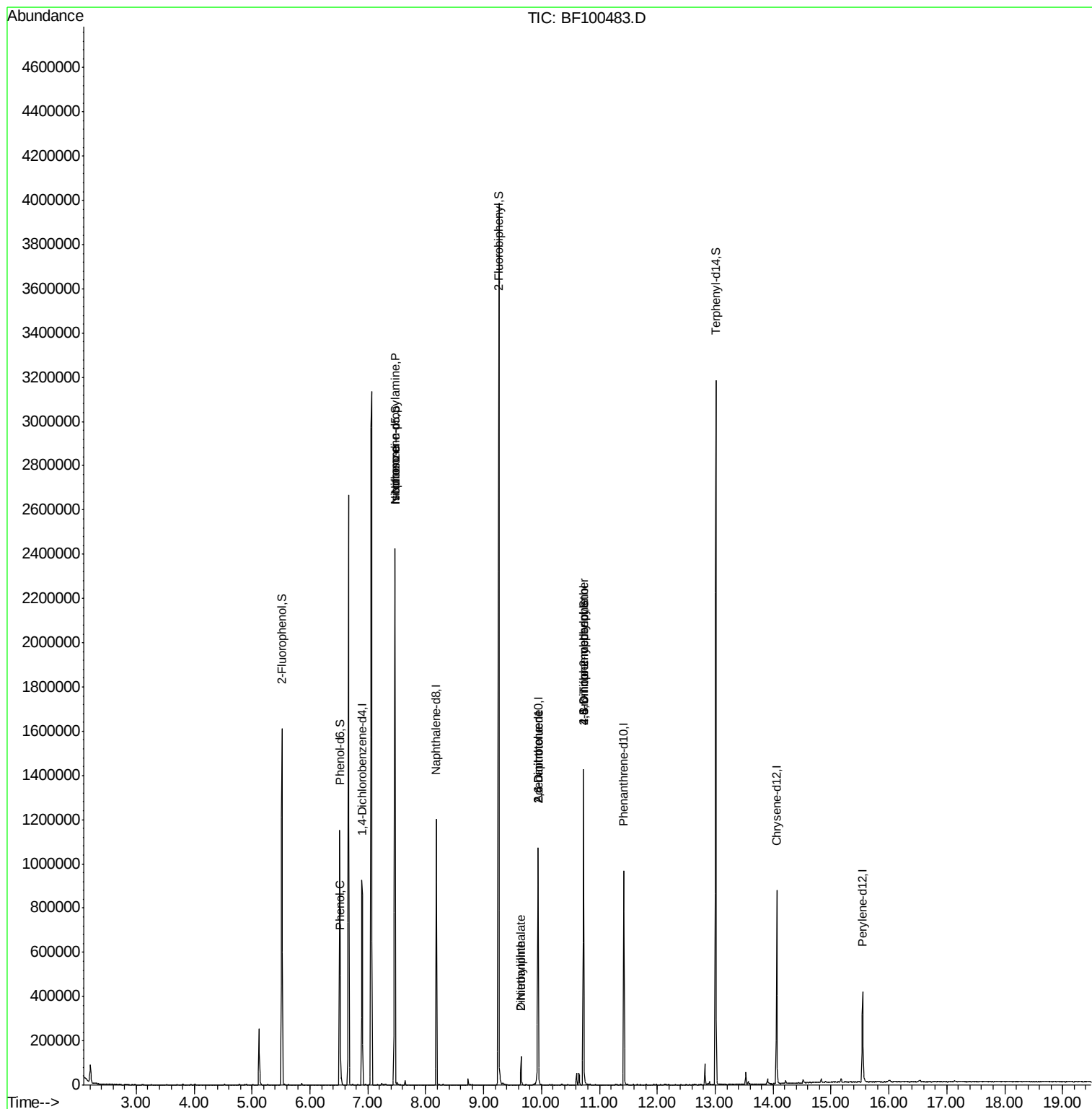
Quant Time: Nov 13 06:18:01 2017

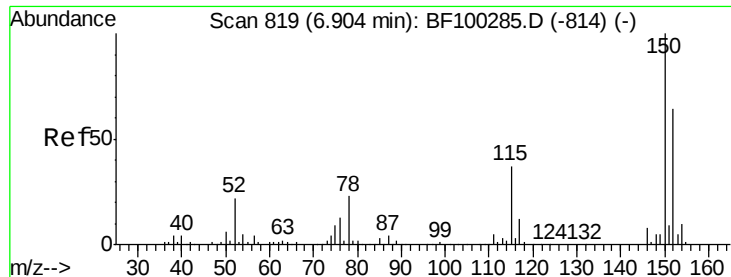
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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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

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Instrument :

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ClientSampleId :

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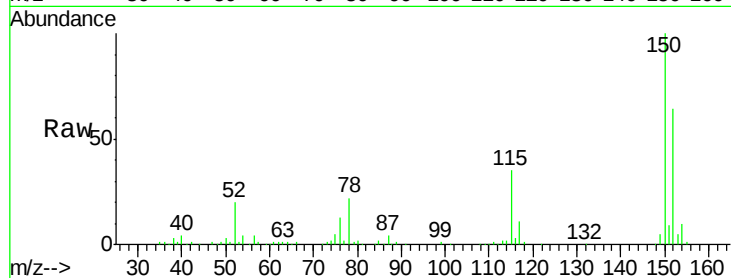
Tgt Ion:152 Resp: 137512

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

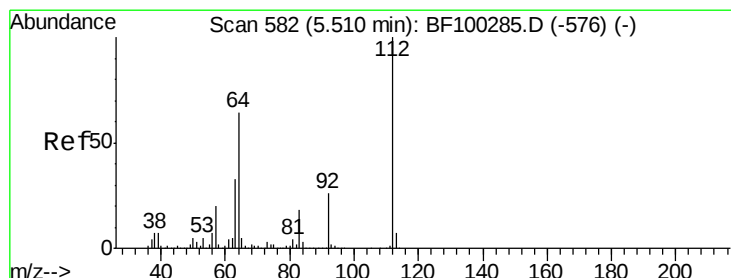
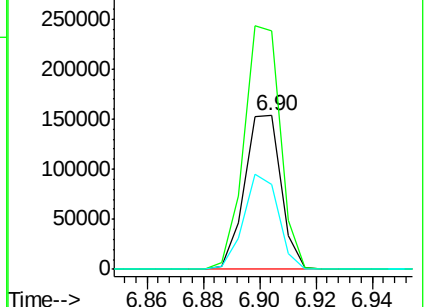
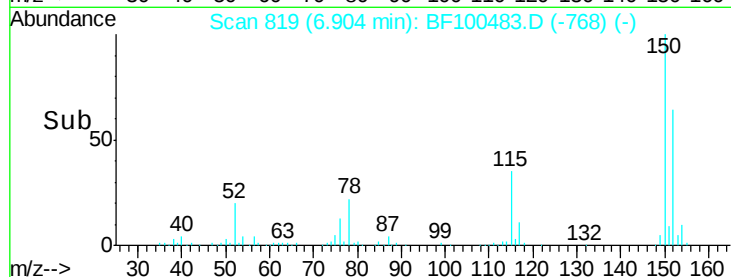
115 55.1 50.1 75.1



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: 47.83 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

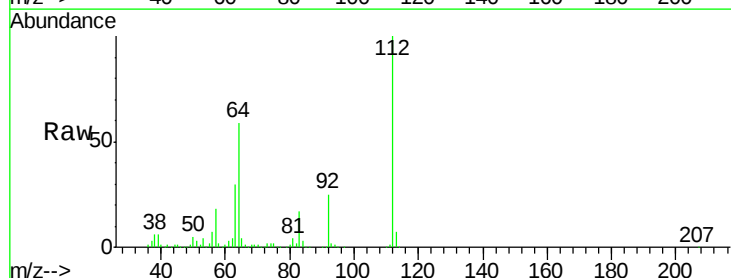
Tgt Ion:112 Resp: 410286

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

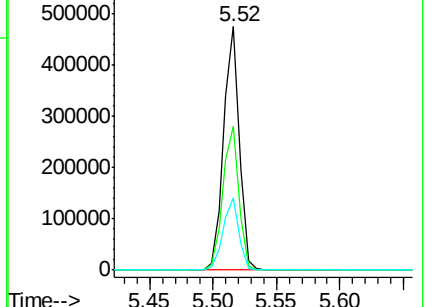
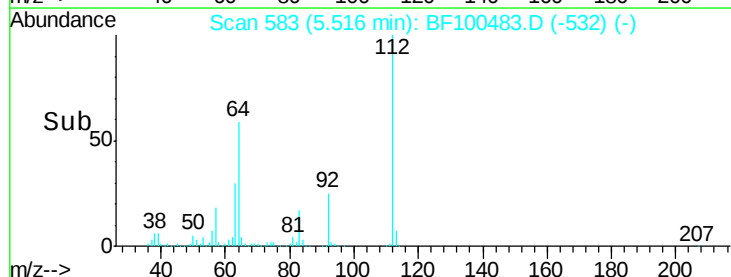
63 29.6 23.7 35.5



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: 30.18 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-S

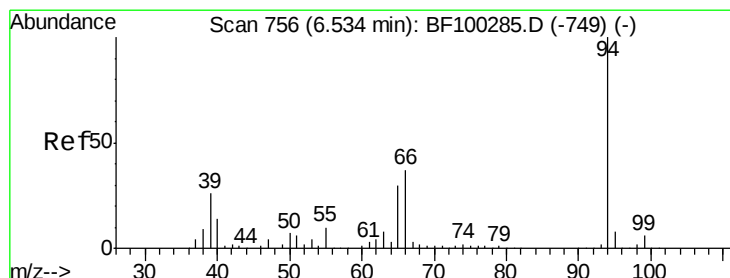
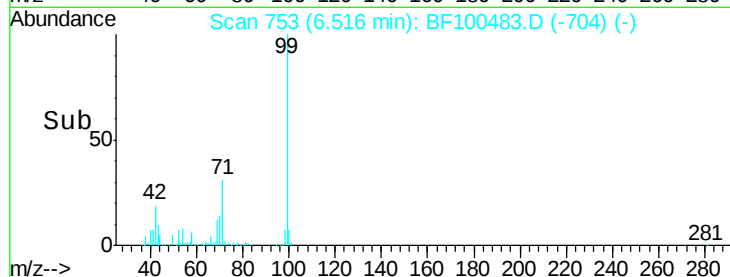
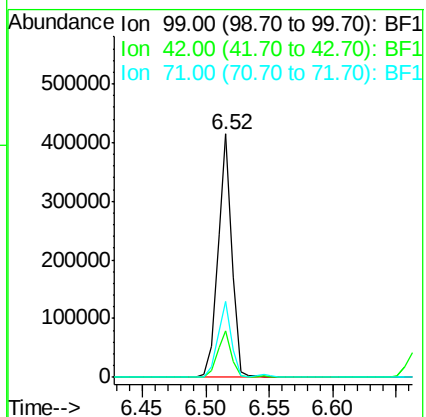
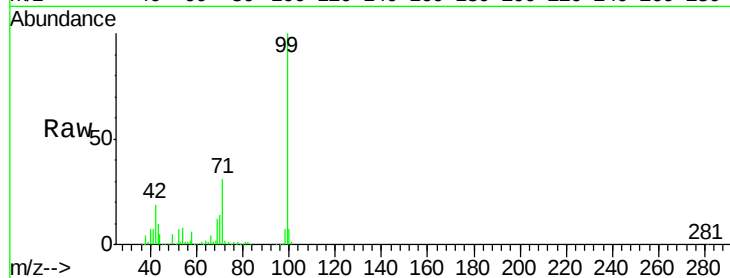
Tgt Ion: 99 Resp: 319282

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 31.2 25.4 38.0



#10

Phenol

Concen: 2.33 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

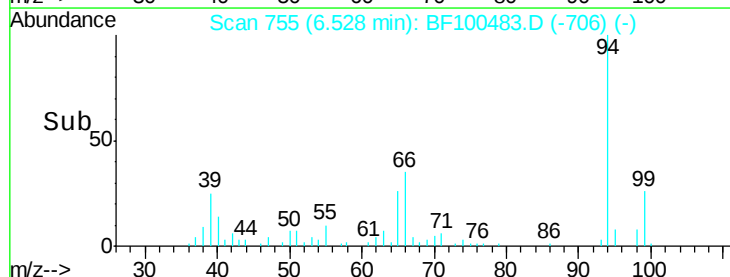
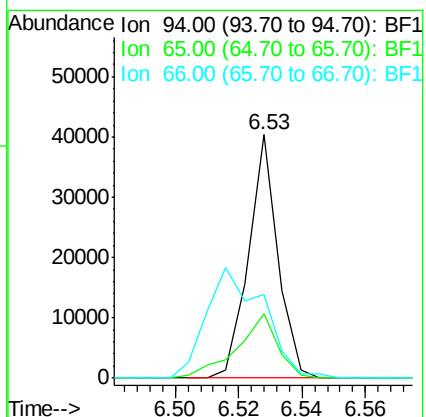
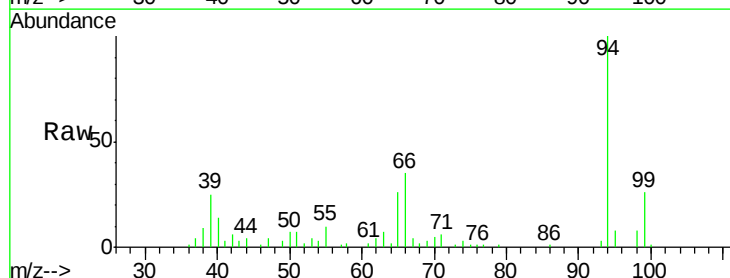
Tgt Ion: 94 Resp: 25831

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 34.6 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.49 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-S

Tgt Ion: 70 Resp: 120949

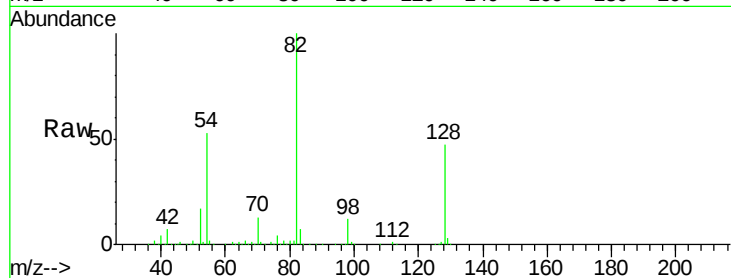
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

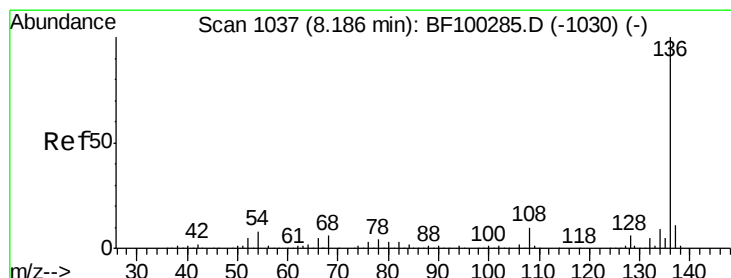
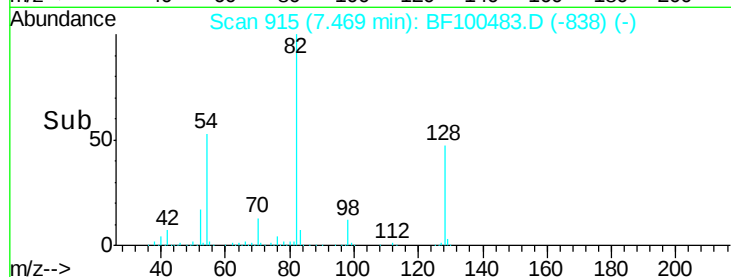
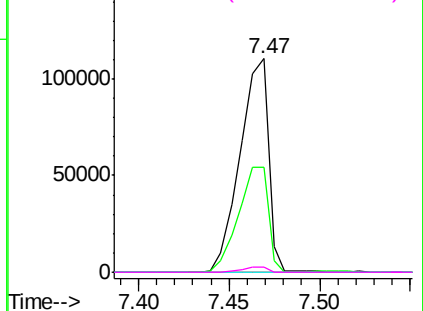


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

Tgt Ion: 136 Resp: 512958

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.6 9.8

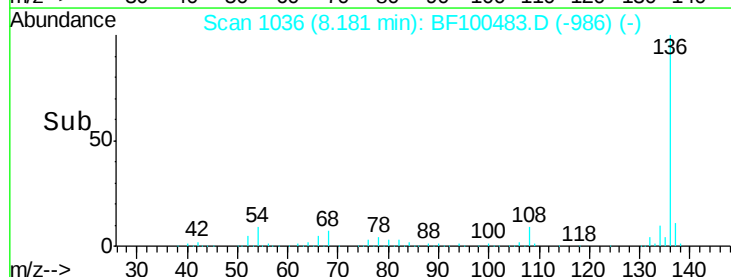
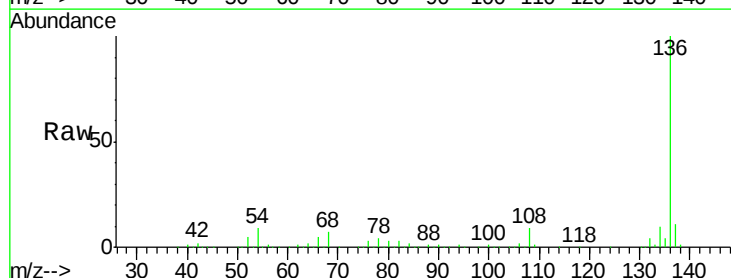
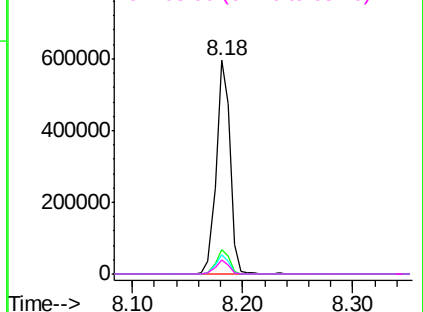
68 6.9 5.0 7.4

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

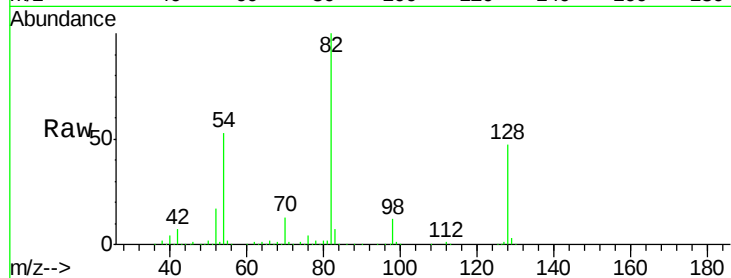




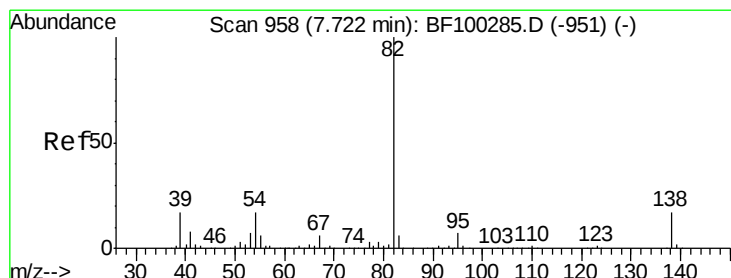
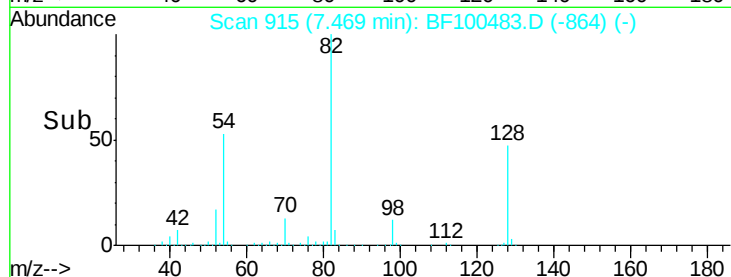
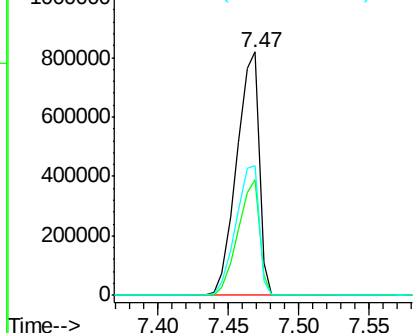
#23
Nitrobenzene-d5
Concen: 116.41 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100483.D
Acq: 12 Nov 2017 12:21

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	53.4	41.4	62.2

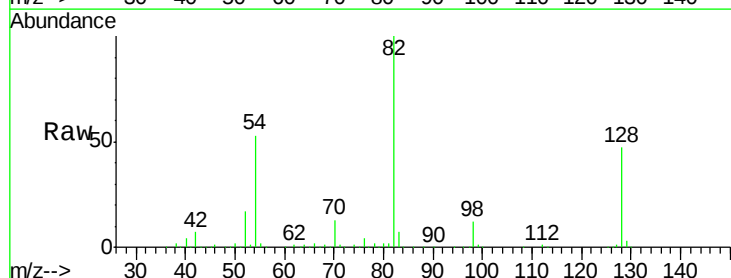


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

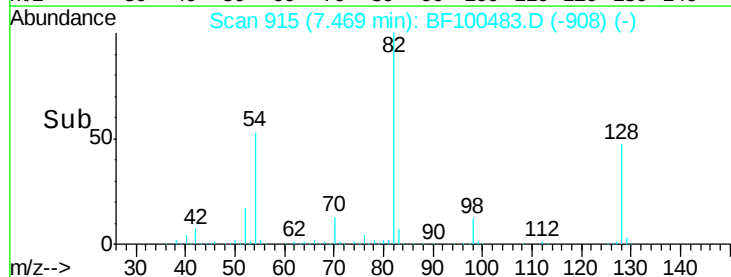
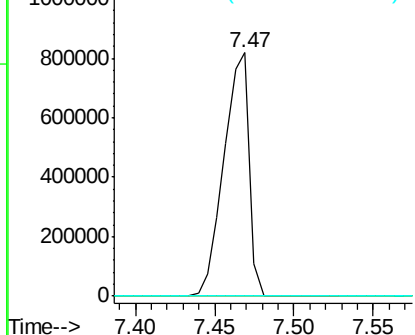


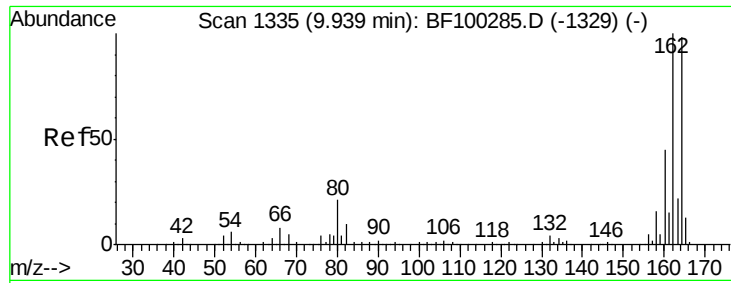
#25
Isophorone
Concen: 55.28 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100483.D
Acq: 12 Nov 2017 12:21

Tgt 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

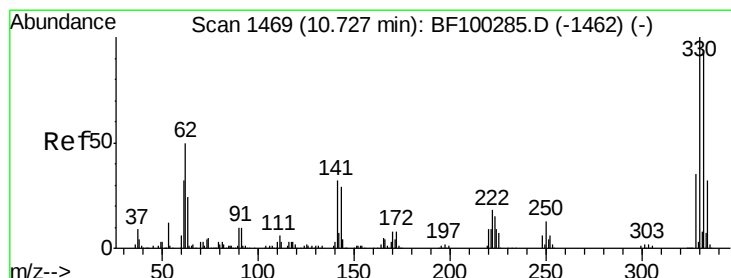
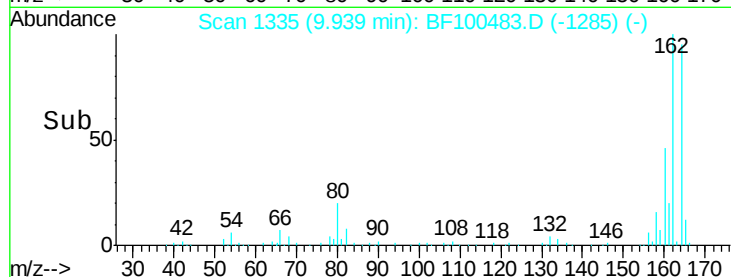
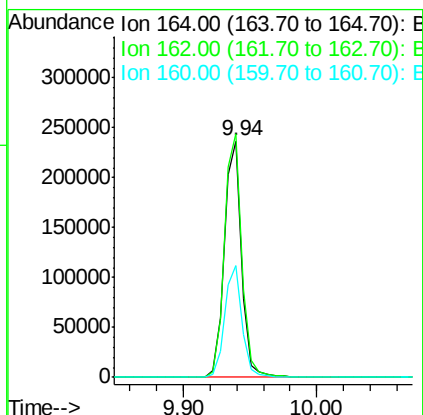
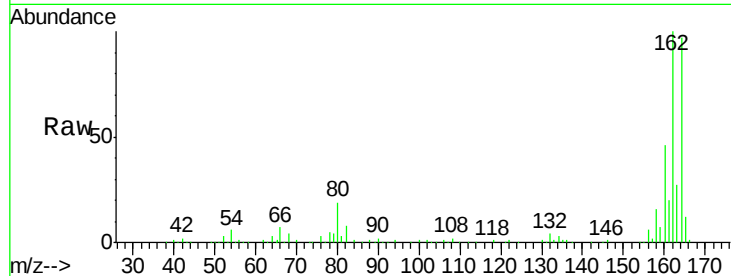




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

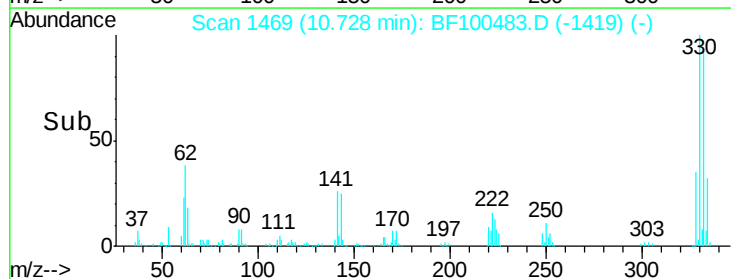
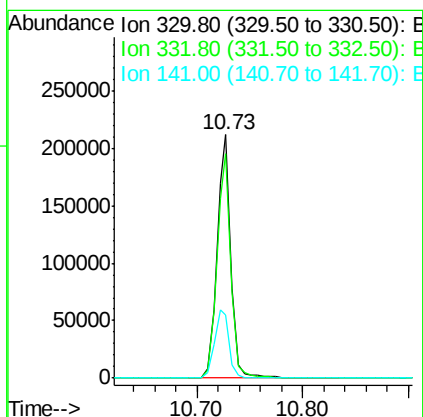
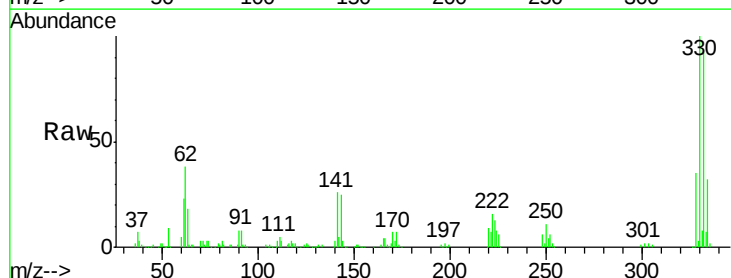
Instrument :
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 ClientSampleId :
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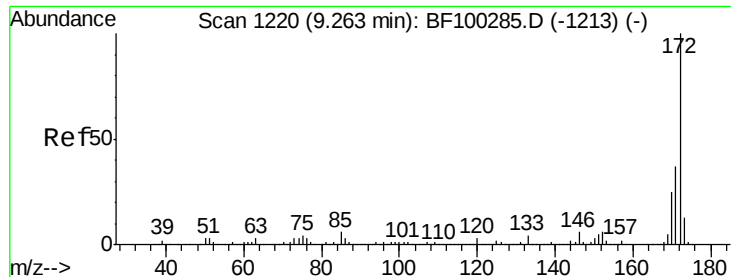
Tgt Ion:164 Resp: 215375
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.33 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

Tgt Ion:330 Resp: 196053
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 29.8 29.9 44.9#

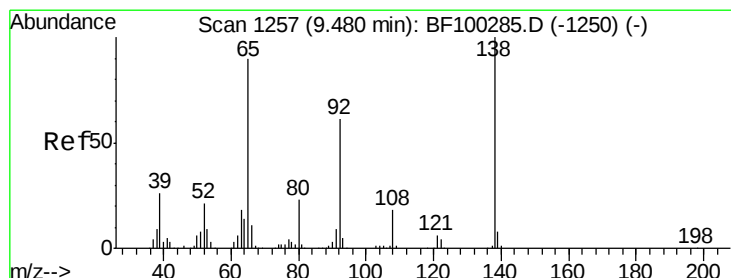
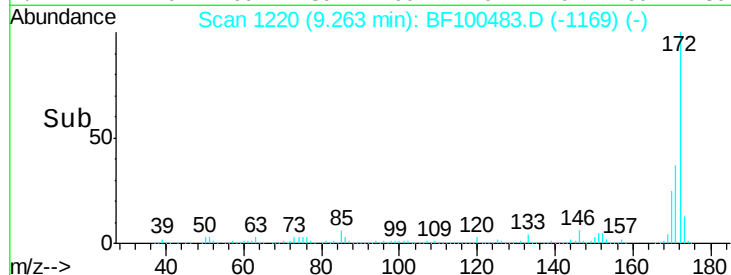
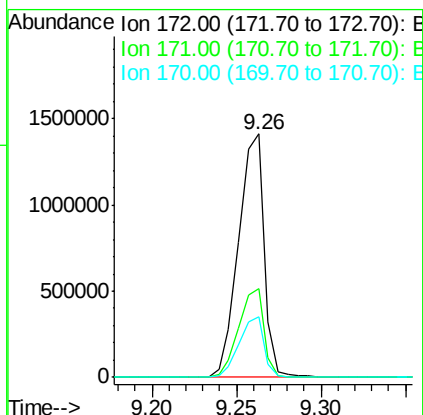
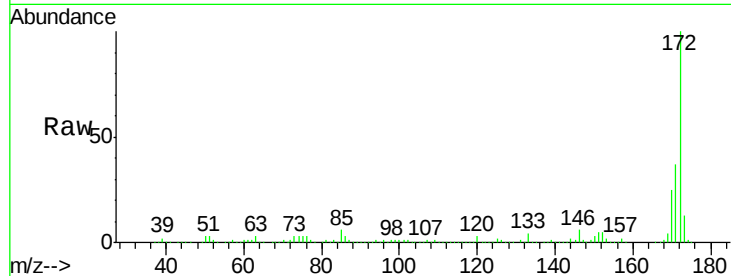




#44
 2-Fluorobiphenyl
 Concen: 105.82 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

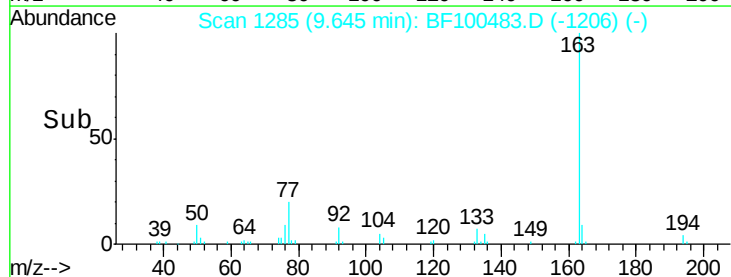
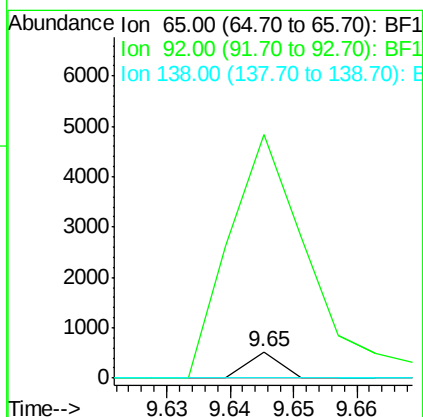
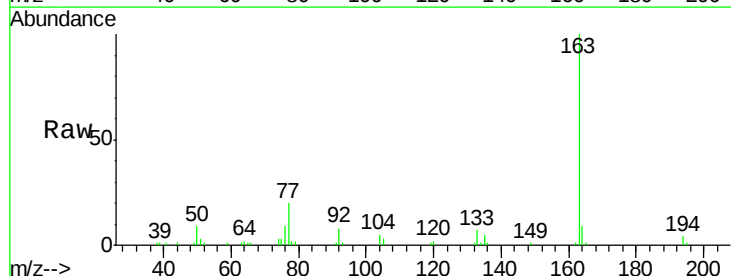
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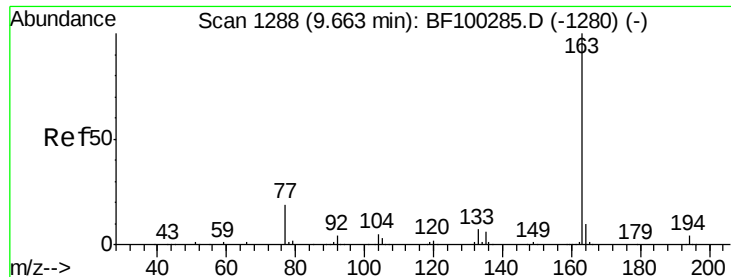
Tgt Ion: 172 Resp: 1496780
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.8 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.83 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

Tgt Ion: 65 Resp: 186
 Ion Ratio Lower Upper
 65 100
 92 919.0 55.8 83.6#
 138 0.0 91.2 136.8#

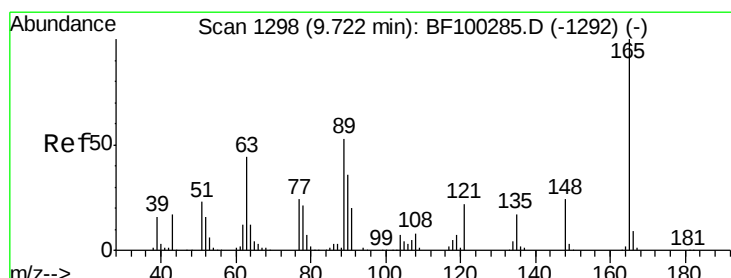
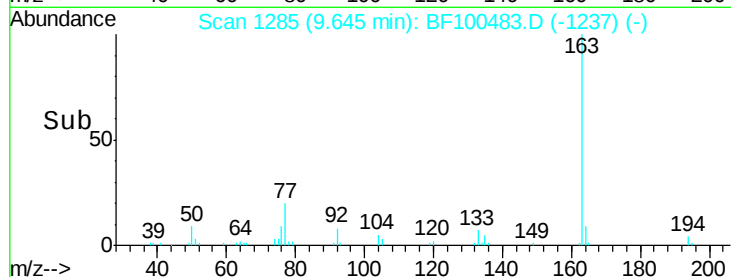
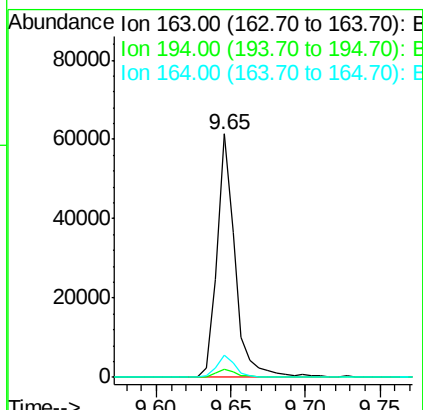
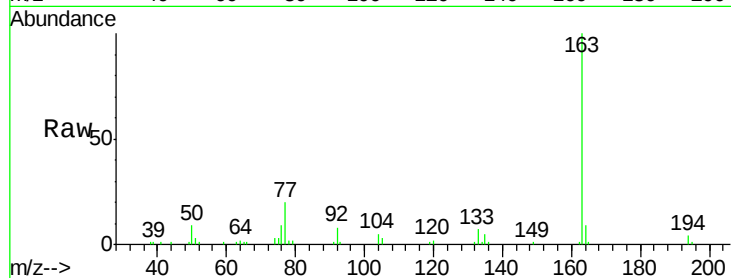




#49
 Dimethylphthalate
 Concen: 3.17 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

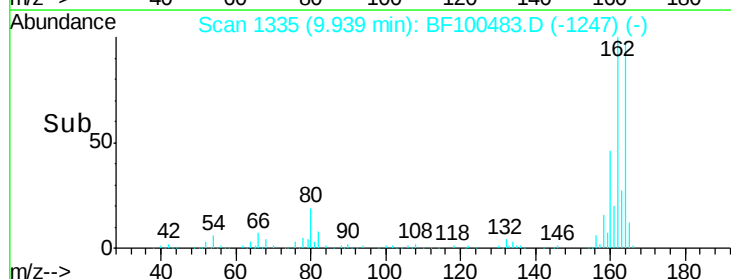
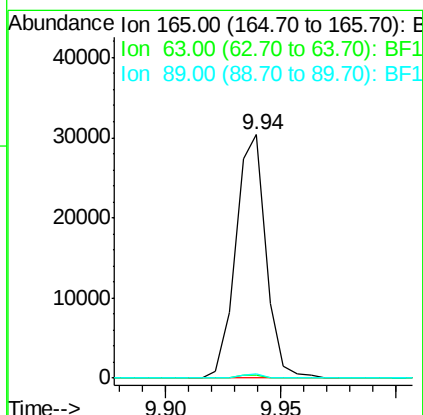
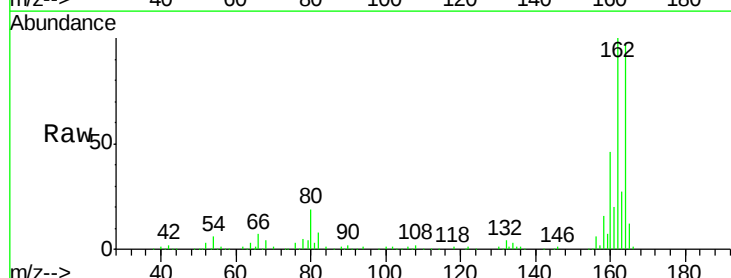
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-U-S

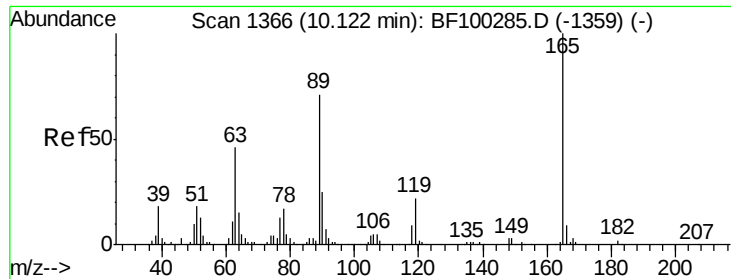
Tgt Ion:163 Resp: 52079
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.0 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

Tgt Ion:165 Resp: 27778
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.8 44.0 66.0#

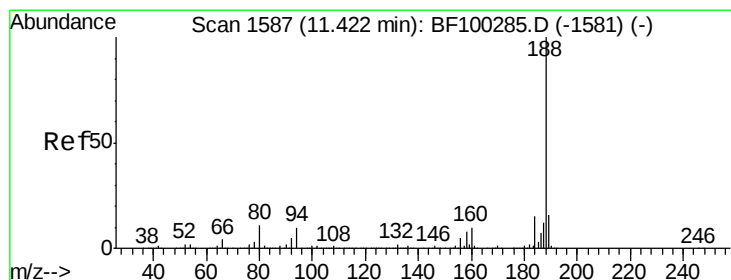
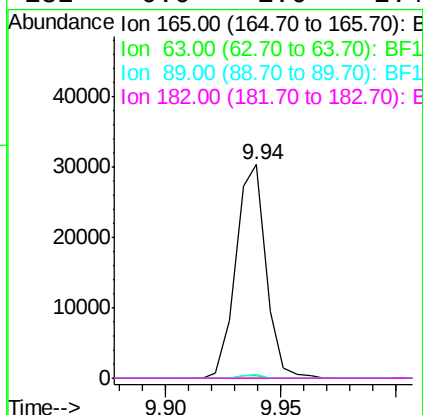
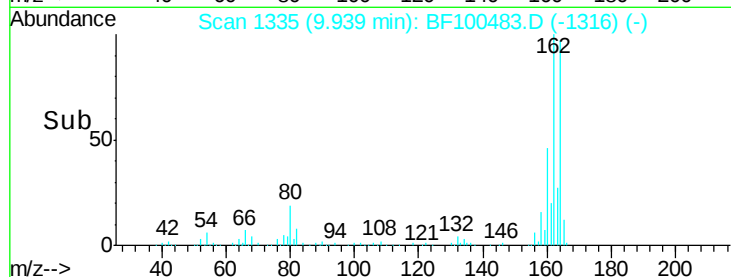
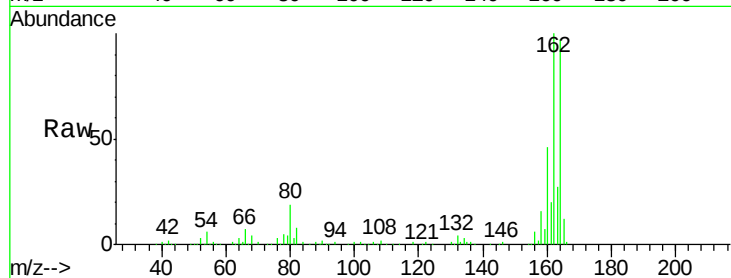




#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

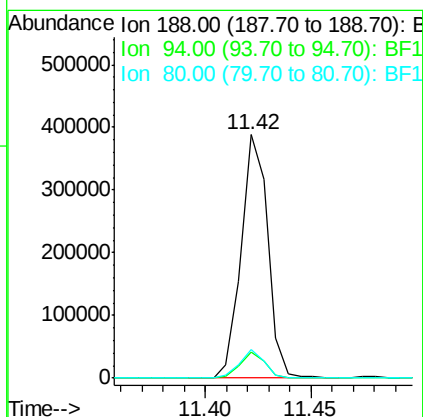
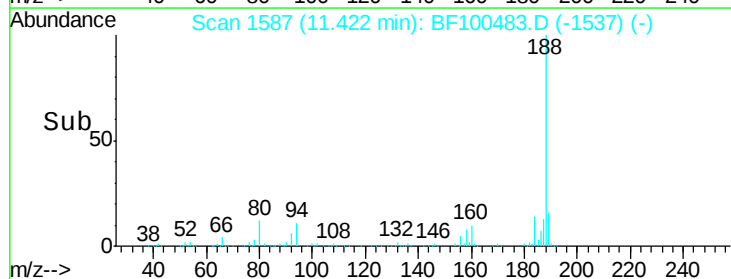
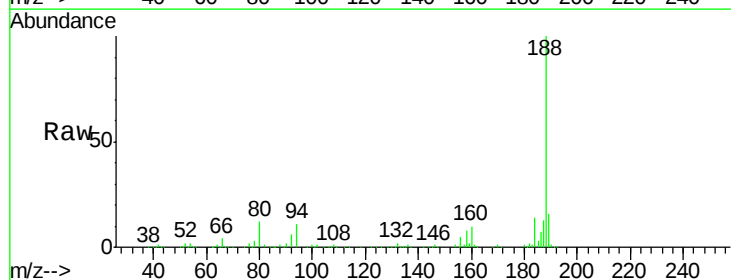
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.7	9.2	13.8

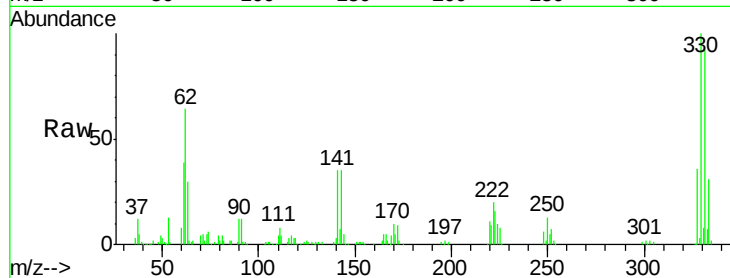




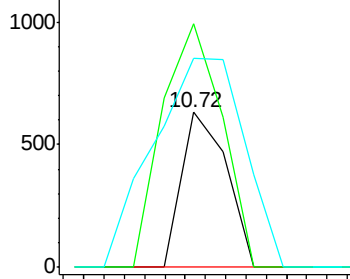
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.76 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-U-S

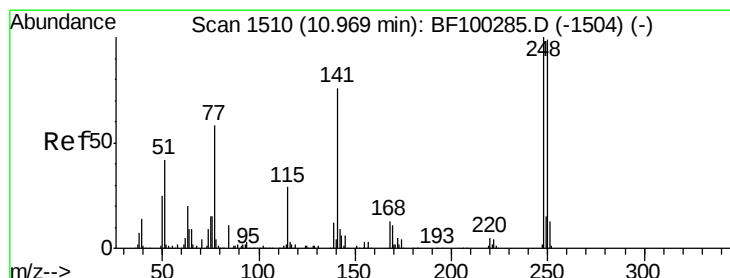
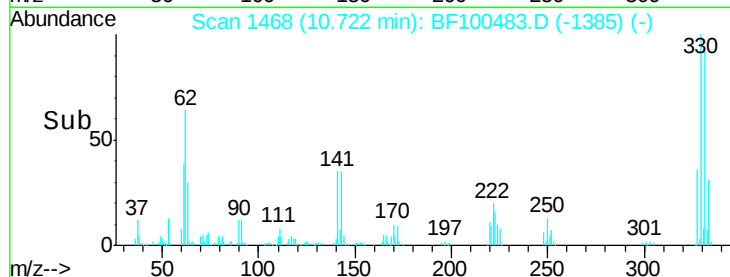
Tgt Ion:198 Resp: 389
 Ion Ratio Lower Upper
 198 100
 51 157.2 37.7 77.7#
 105 135.0 36.3 76.3#



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

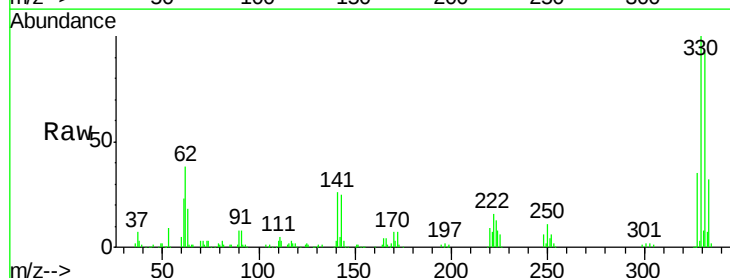


Time-->

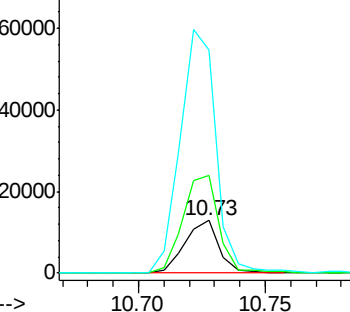


#66
 4-Bromophenyl-phenylether
 Concen: 3.34 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100483.D
 Acq: 12 Nov 2017 12:21

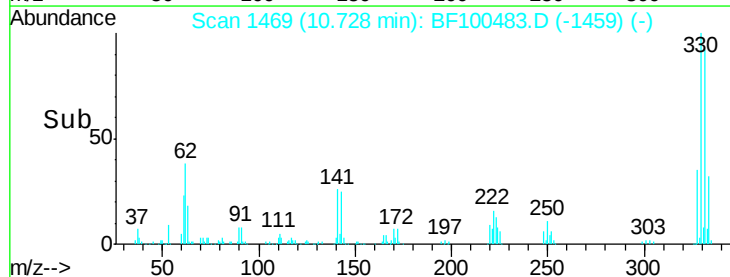
Tgt Ion:248 Resp: 12092
 Ion Ratio Lower Upper
 248 100
 250 187.3 76.9 115.3#
 141 424.7 74.4 111.6#

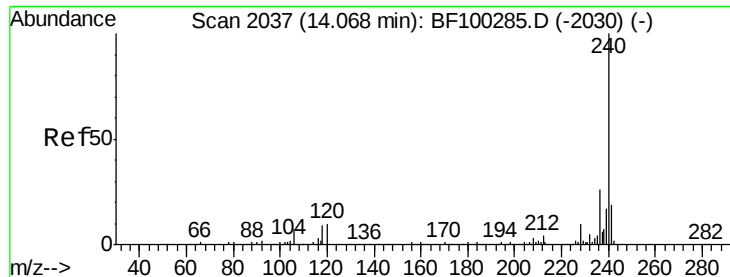


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-S

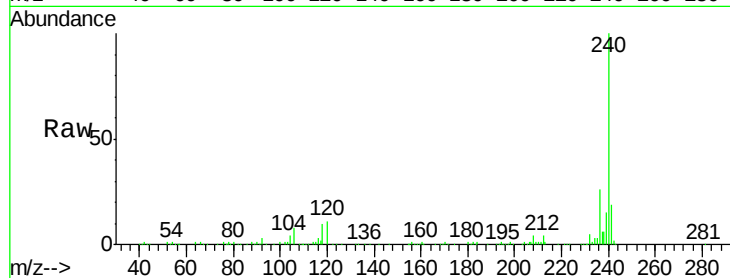
Tgt Ion:240 Resp: 295251

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

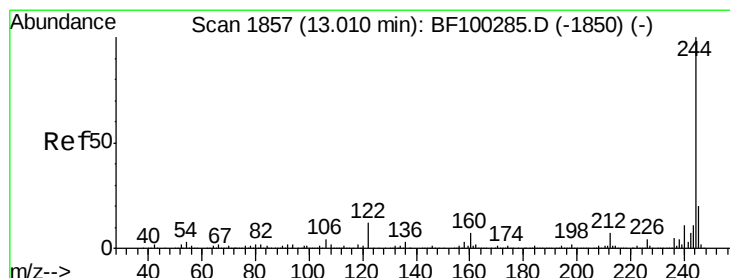
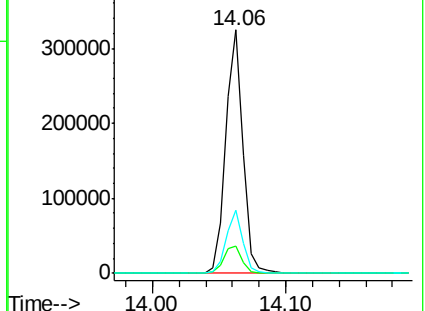
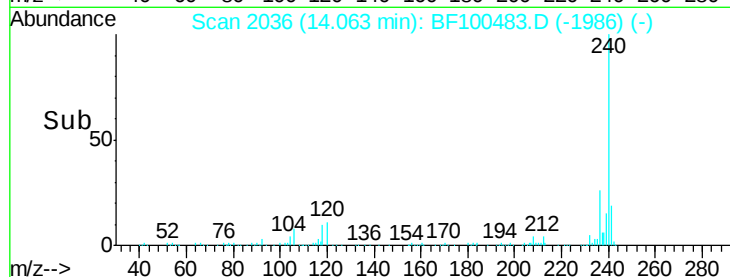
236 25.7 20.7 31.1



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: 85.61 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100483.D

Acq: 12 Nov 2017 12:21

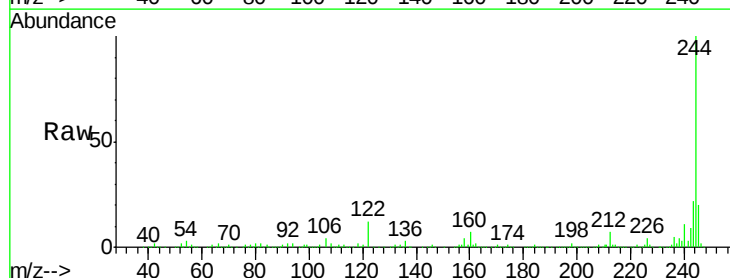
Tgt Ion:244 Resp: 1100096

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

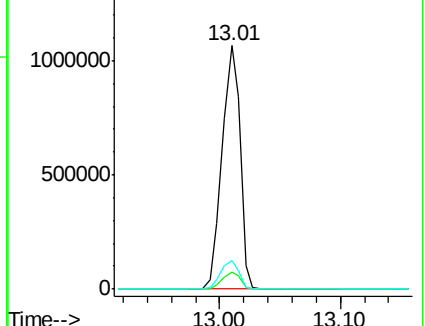
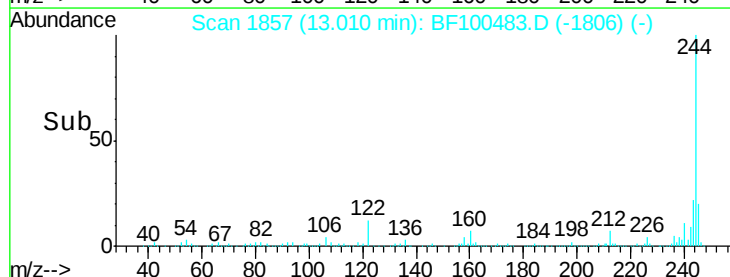
122 11.6 11.0 16.4

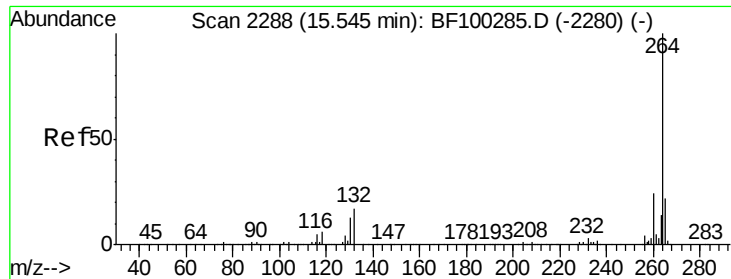


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

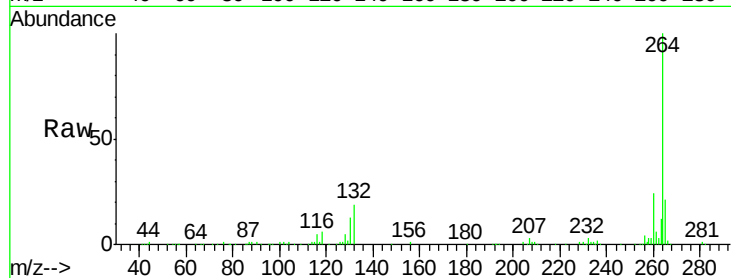




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100483.D
Acq: 12 Nov 2017 12:21

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-U-S

Tgt Ion: 264 Resp: 203383
Ion Ratio Lower Upper
264 100
260 24.1 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

