

Data File : BF100463.D
Acq On : 12 Nov 2017 2:37
Operator : SJ/JU
Sample : I6369-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-D-S

Quant Time: Nov 13 04:43:08 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	153742	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	538461	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	211303	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	323809	20.00	ng	0.00
75) Chrysene-d12	14.06	240	306828	20.00	ng	0.00
86) Perylene-d12	15.54	264	214629	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	470336	49.04	ng	0.00
7) Phenol-d6	6.52	99	368736	31.18	ng	-0.01
23) Nitrobenzene-d5	7.47	82	921317	113.12	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	177197	82.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1488993	107.30	ng	0.00
78) Terphenyl-d14	13.01	244	1055017	79.01	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	44746	3.60	ng	95
19) n-Nitroso-di-n-propylamine	7.47	70	121353	14.80	ng	# 82
25) Isophorone	7.47	82	921297	53.83	ng	# 64
47) 2-Nitroaniline	9.65	65	822	2.98	ng	# 1
49) Dimethylphthalate	9.65	163	97453	6.04	ng	99
50) 2,6-Dinitrotoluene	9.94	165	27315	8.55	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	27315	6.78	ng	# 24
62) Azobenzene	10.65	77	62078	4.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	143	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	10959	3.16	ng	# 1

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

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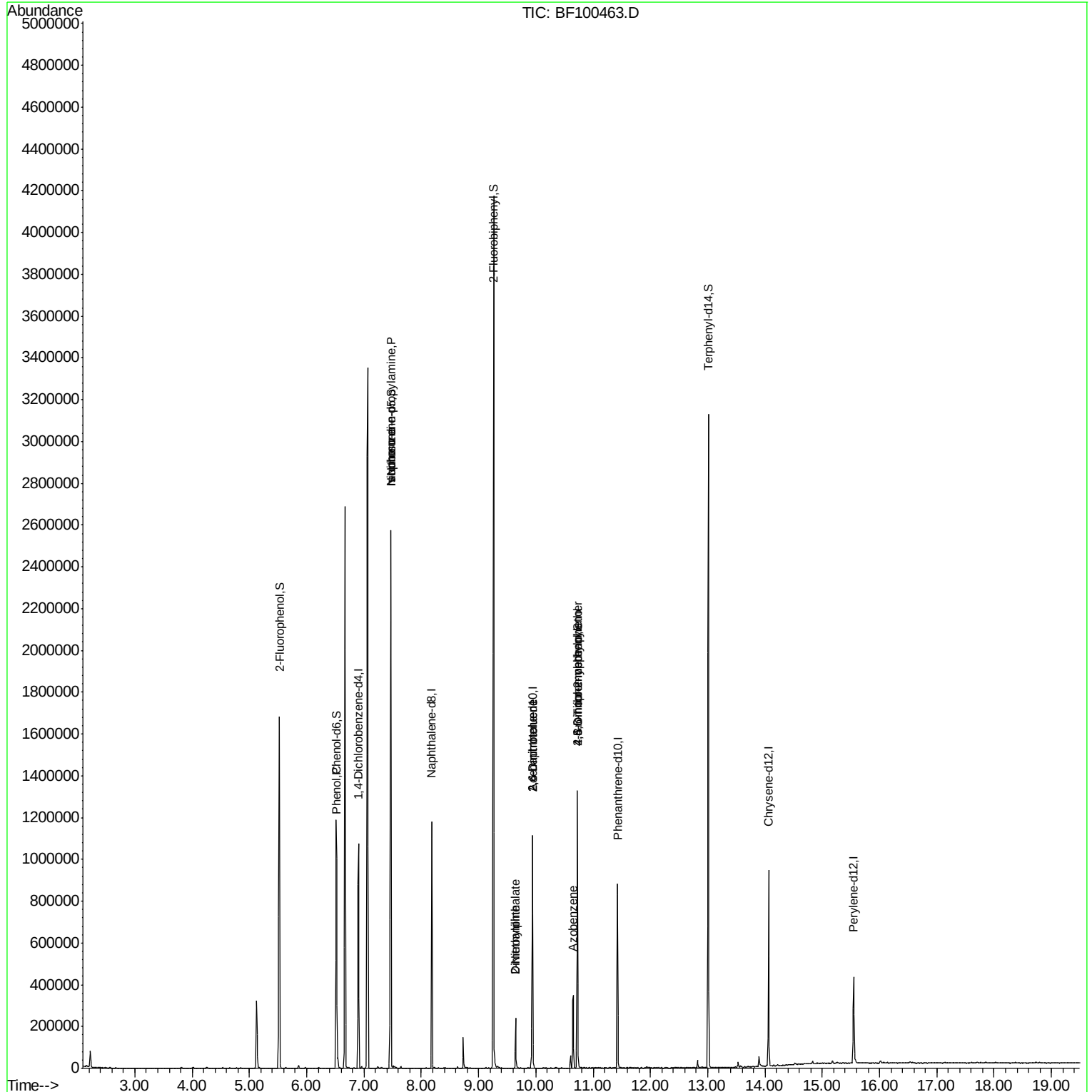
Quant Time: Nov 13 04:43:08 2017

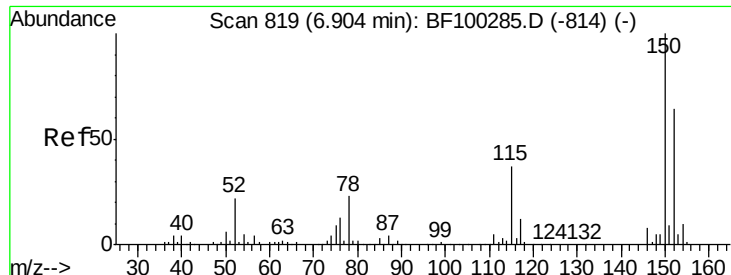
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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: BF100463.D

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Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-D-S

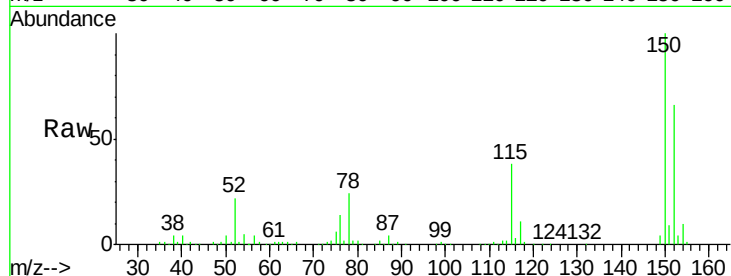
Tgt Ion:152 Resp: 153742

Ion Ratio Lower Upper

152 100

150 152.6 124.6 186.8

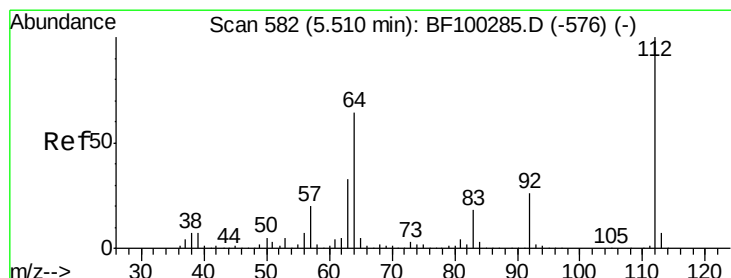
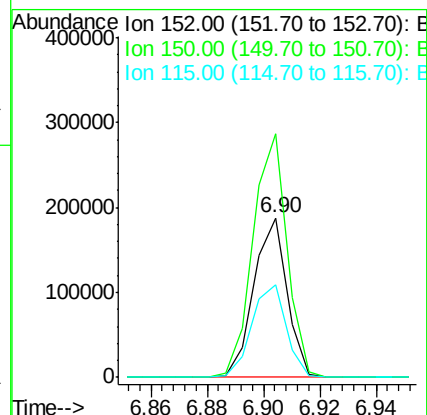
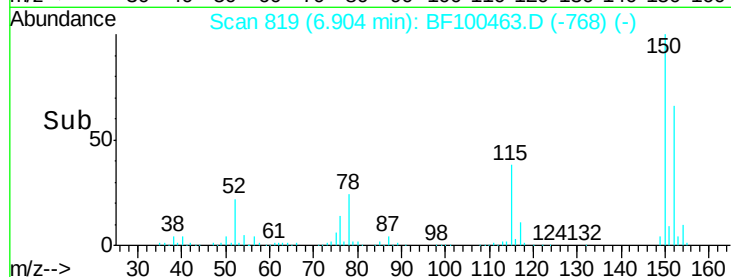
115 57.8 50.1 75.1



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: 49.04 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

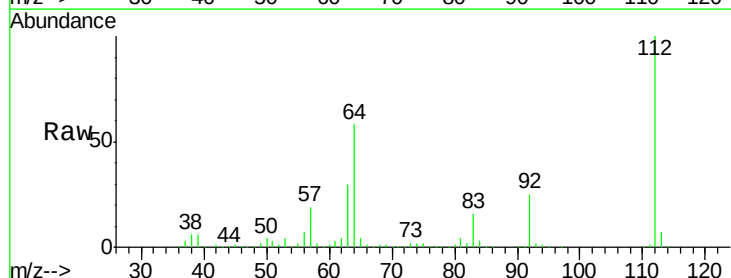
Tgt Ion:112 Resp: 470336

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

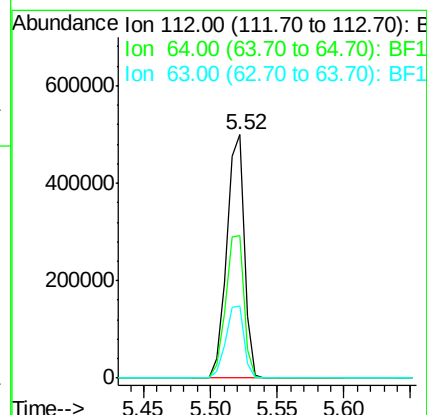
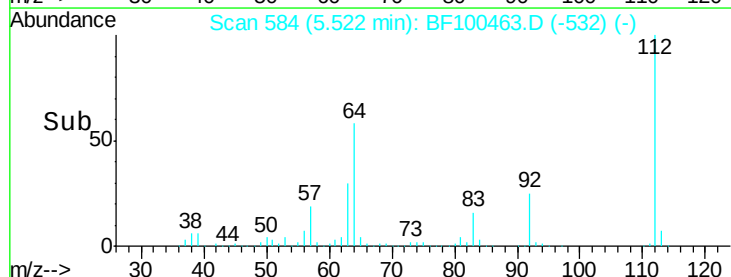
63 29.8 23.7 35.5

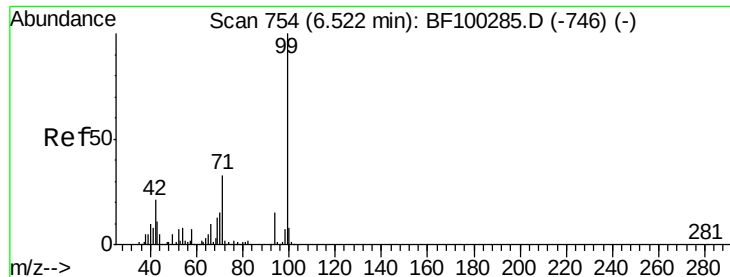


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.18 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

Instrument :

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ClientSampleId :

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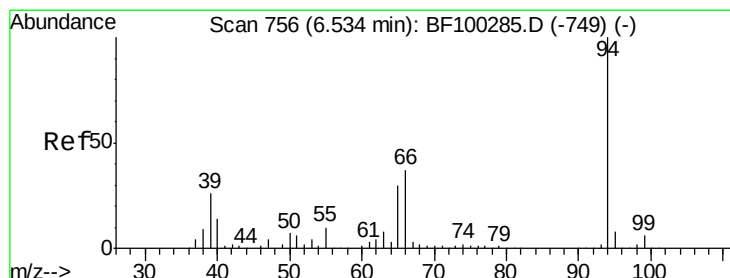
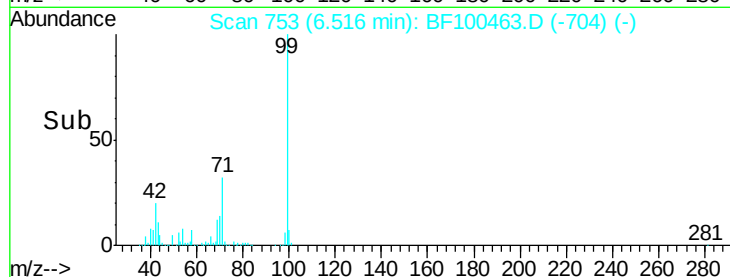
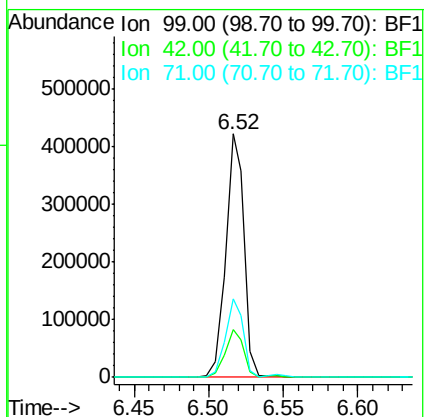
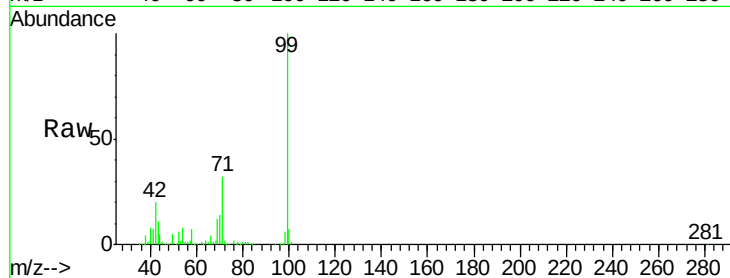
Tgt Ion: 99 Resp: 368736

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.5 25.4 38.0



#10

Phenol

Concen: 3.60 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

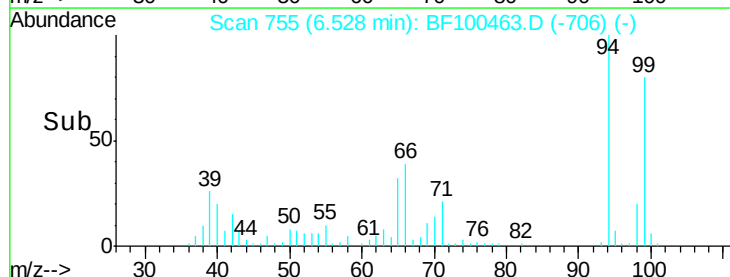
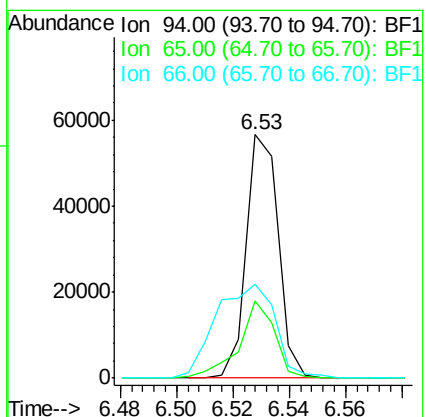
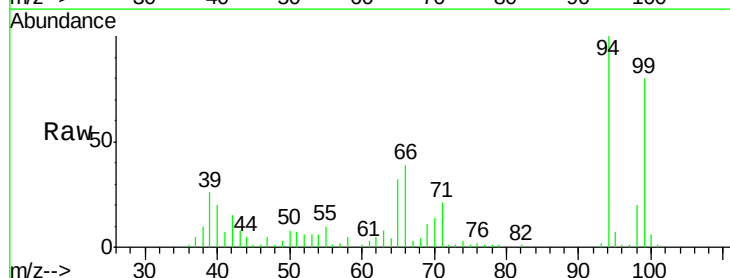
Tgt Ion: 94 Resp: 44746

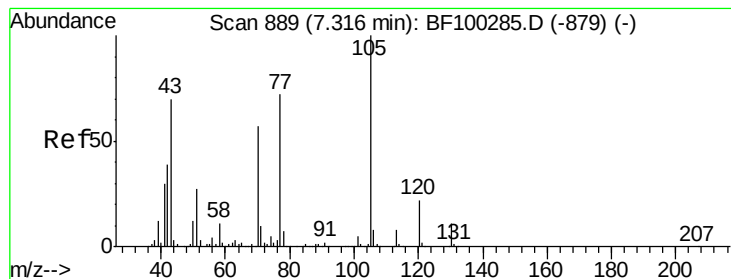
Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

66 38.7 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.80 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-D-S

Tgt Ion: 70 Resp: 121353

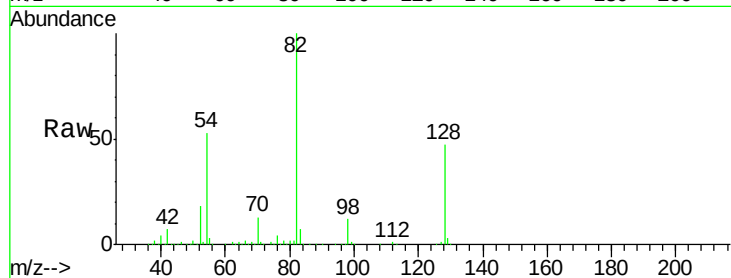
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

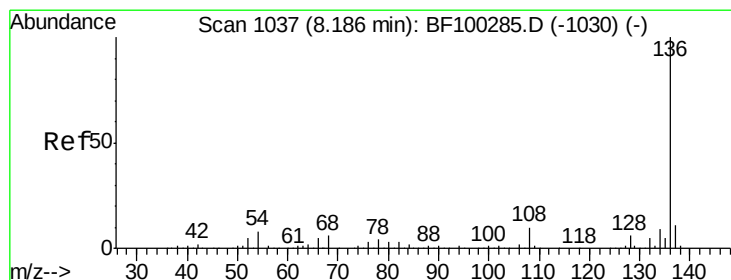
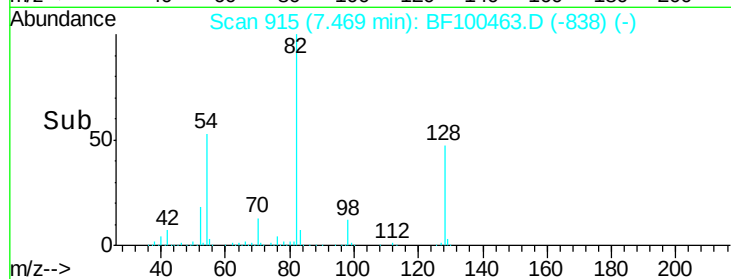
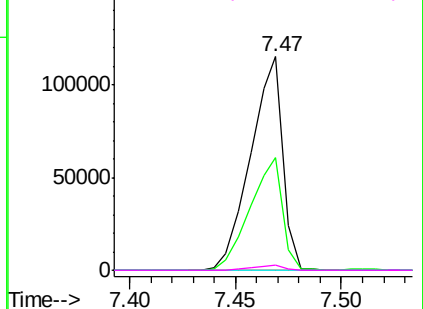


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100463.D

Acq: 12 Nov 2017 2:37

Tgt Ion: 136 Resp: 538461

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

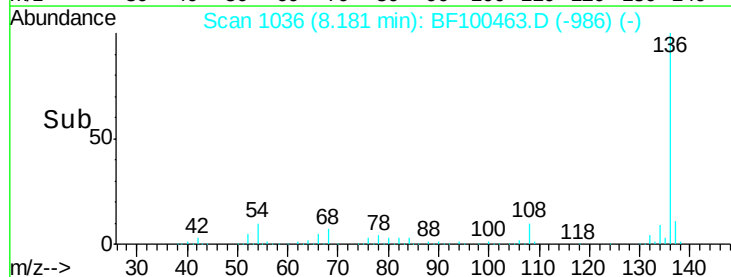
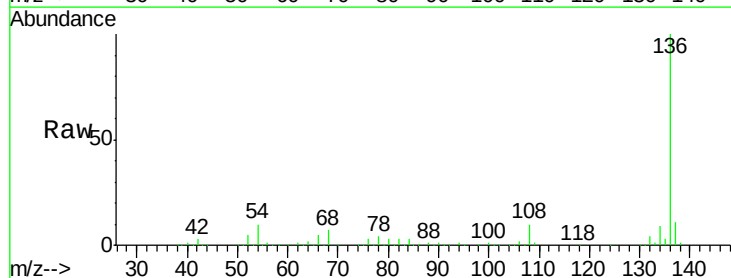
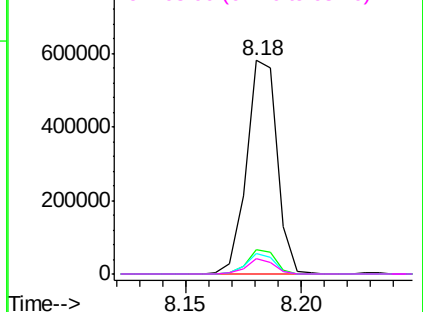
68 7.0 5.0 7.4

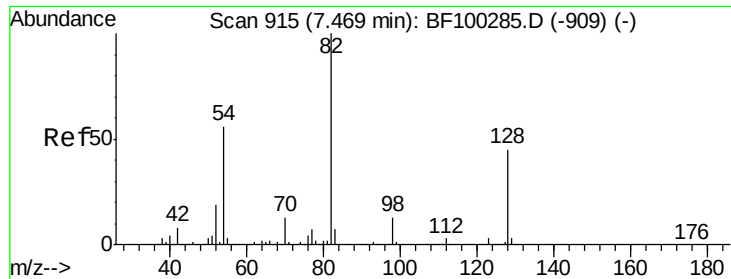
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

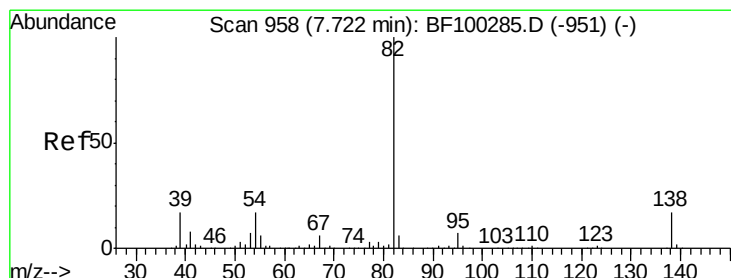
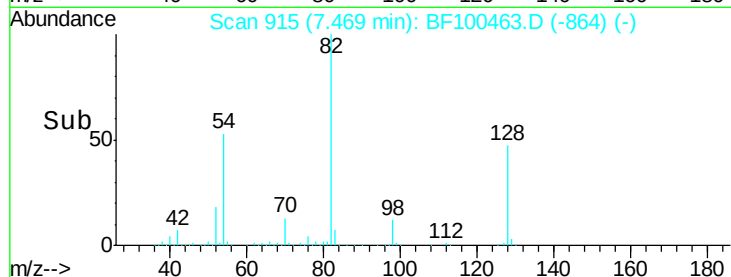
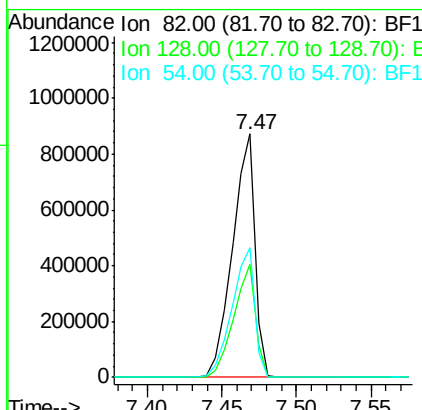
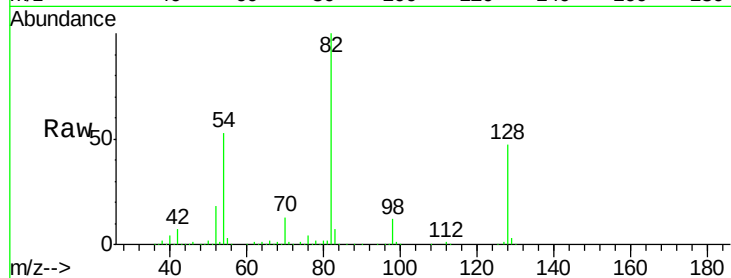




#23
Nitrobenzene-d5
Concen: 113.12 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100463.D
Acq: 12 Nov 2017 2:37

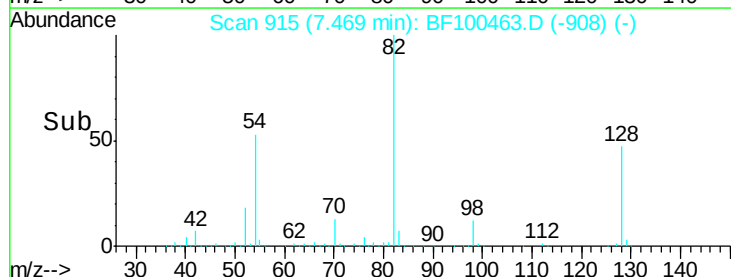
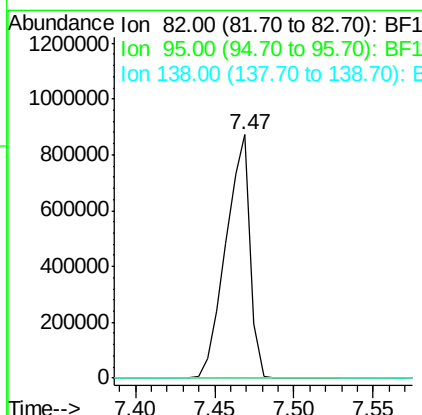
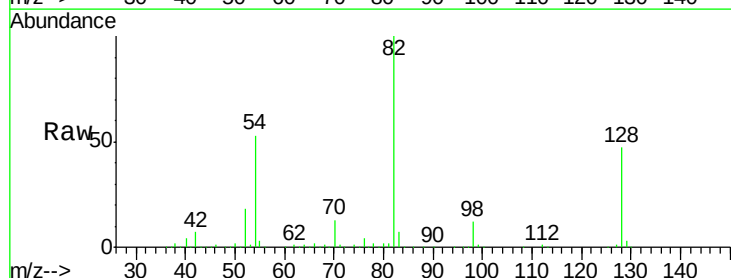
Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-D-S

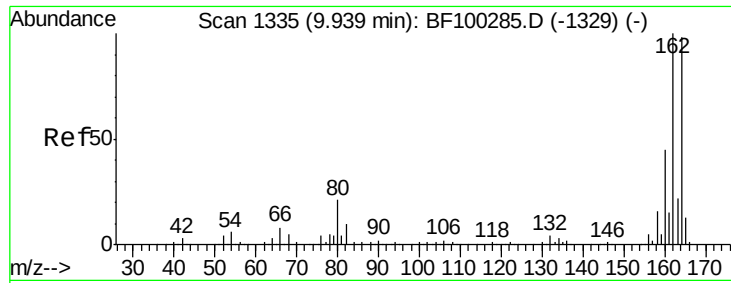
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	53.2	41.4	62.2



#25
Isophorone
Concen: 53.83 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100463.D
Acq: 12 Nov 2017 2:37

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

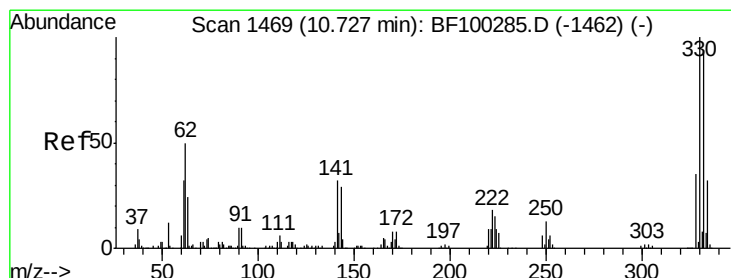
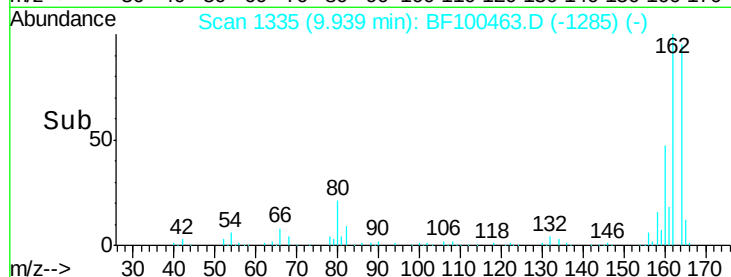
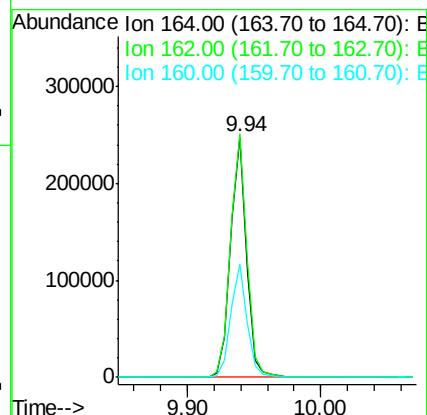
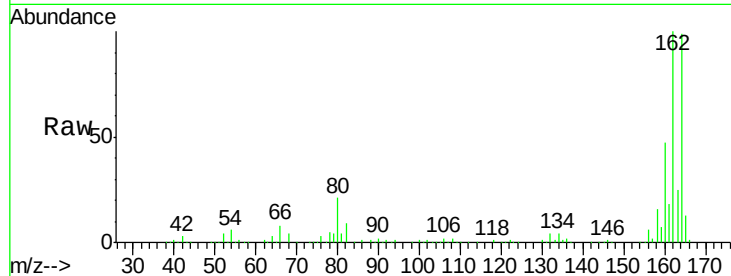




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

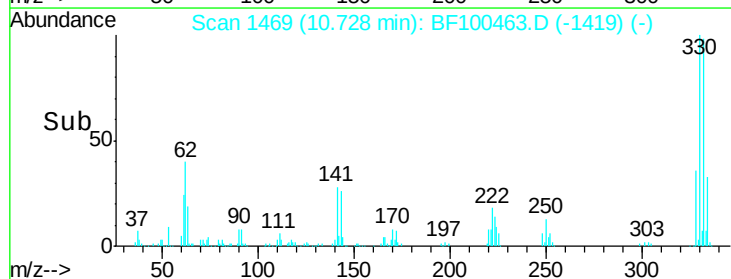
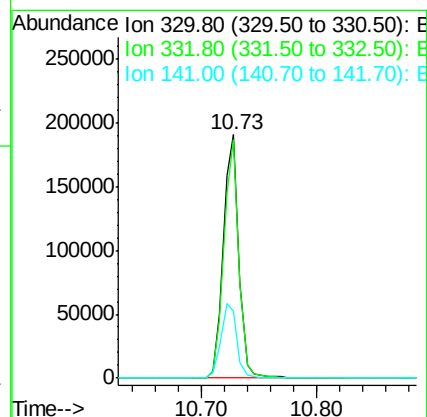
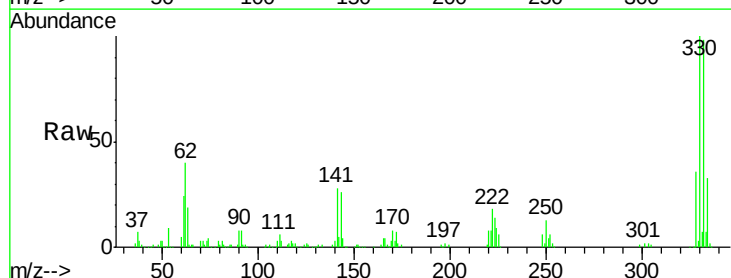
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-D-S

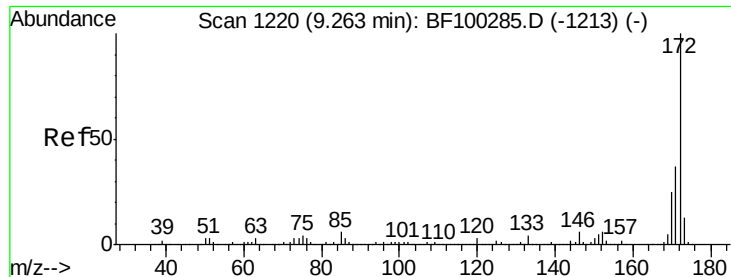
Tgt Ion:164 Resp: 211303
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.30 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

Tgt Ion:330 Resp: 177197
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.3 29.9 44.9

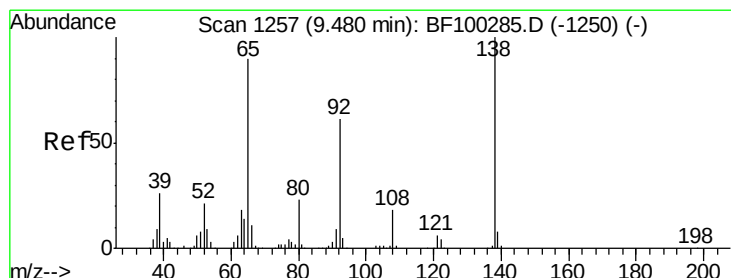
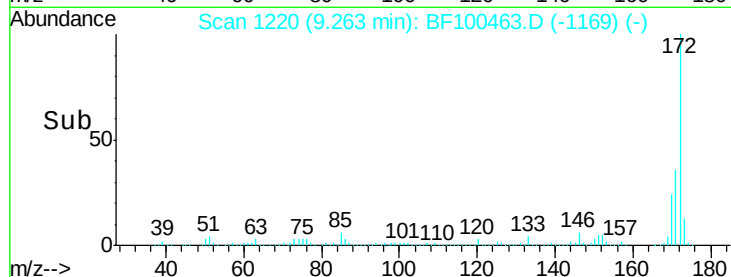
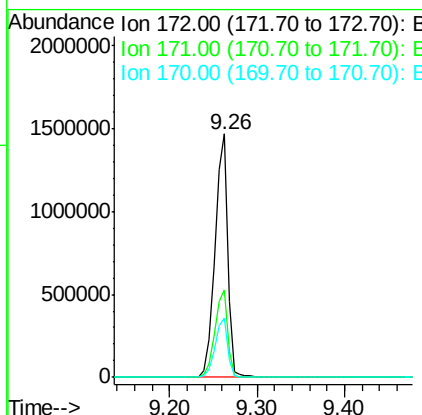
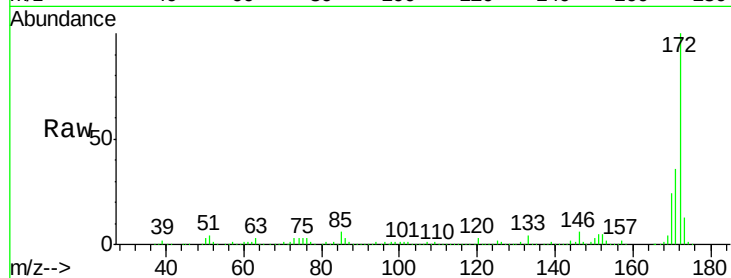




#44
 2-Fluorobiphenyl
 Concen: 107.30 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

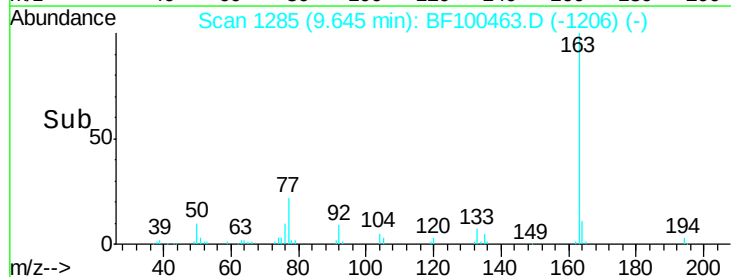
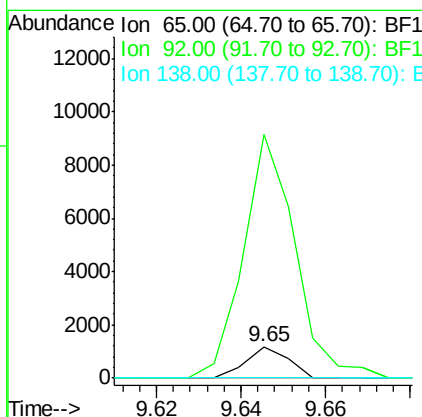
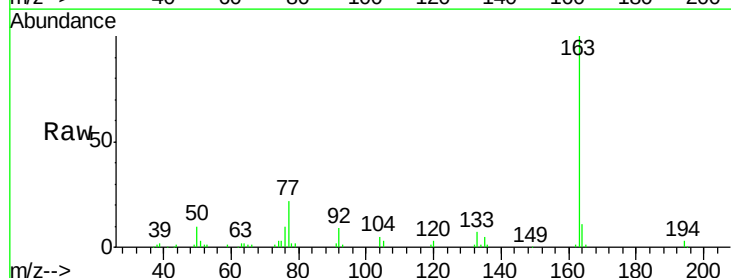
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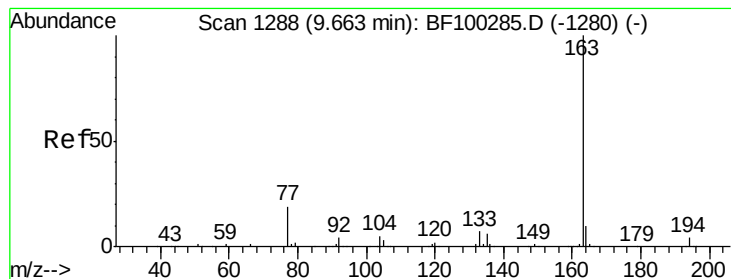
Tgt Ion: 172 Resp: 1488993
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.98 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

Tgt Ion: 65 Resp: 822
 Ion Ratio Lower Upper
 65 100
 92 769.7 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 6.04 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-D-S

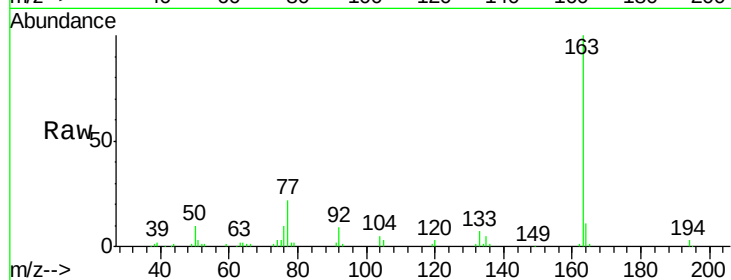
Tgt Ion:163 Resp: 97453

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

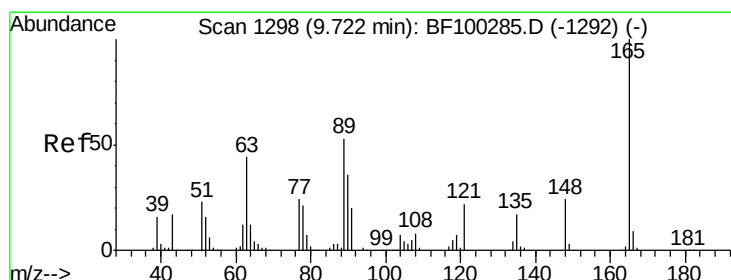
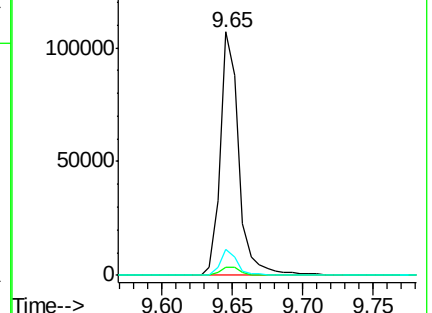
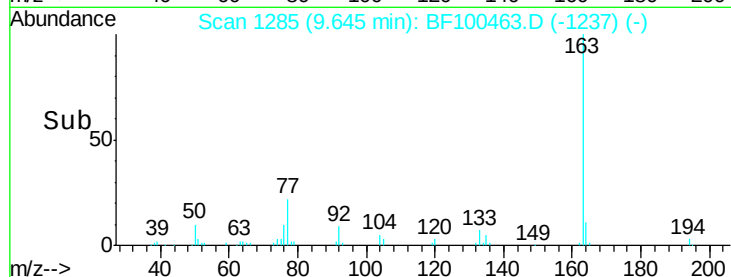
164 10.7 8.2 12.2



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: 8.55 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

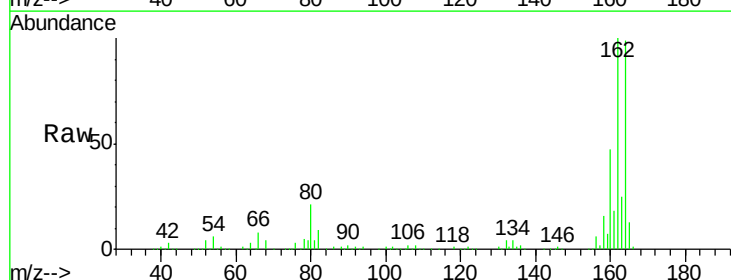
Tgt Ion:165 Resp: 27315

Ion Ratio Lower Upper

165 100

63 1.9 44.7 67.1#

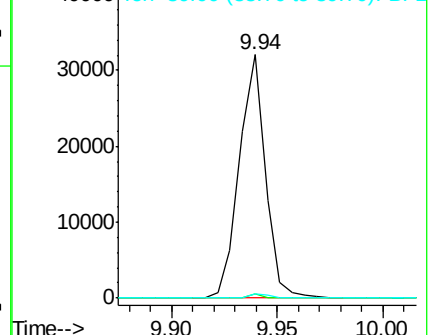
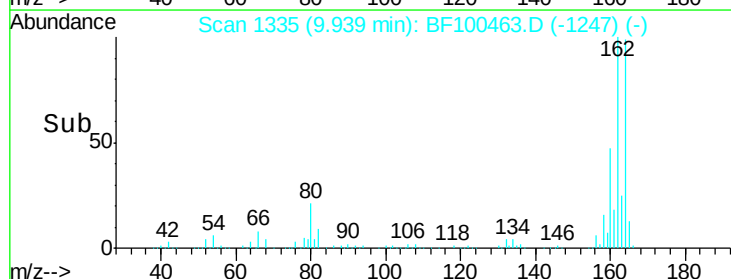
89 1.7 44.0 66.0#

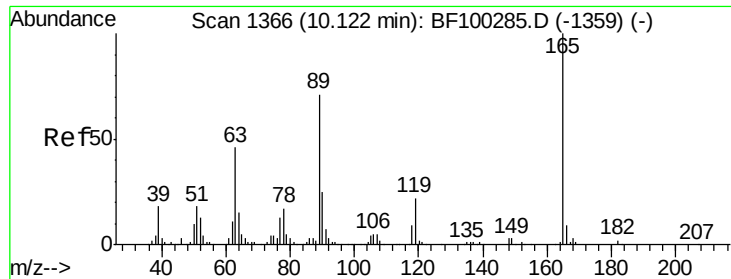


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

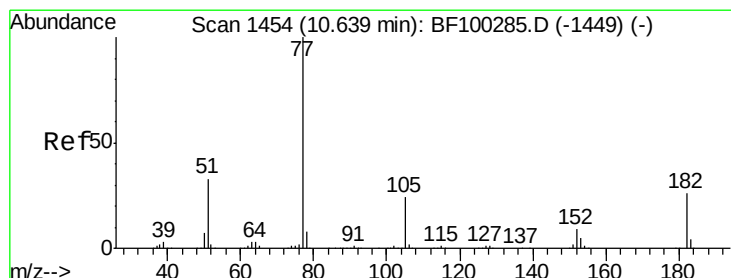
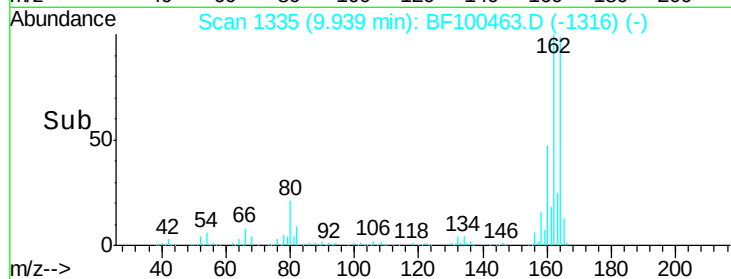
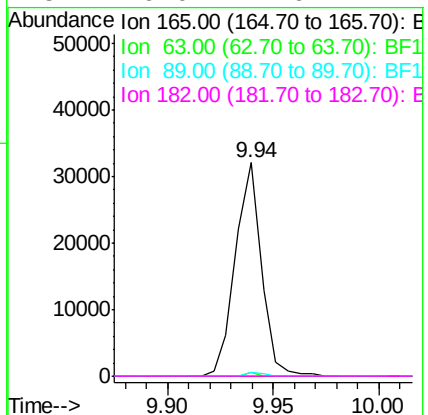
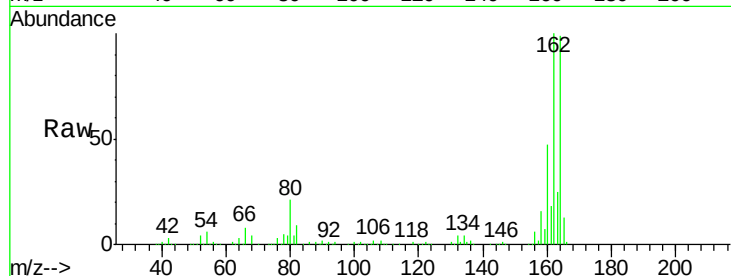




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

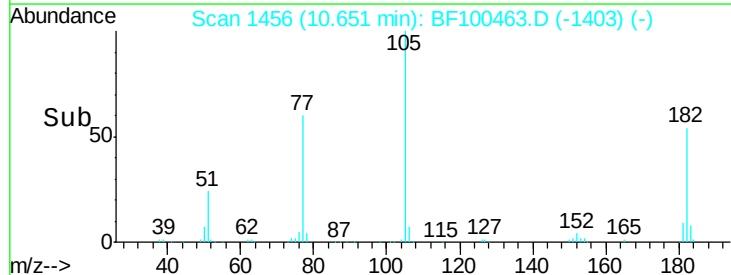
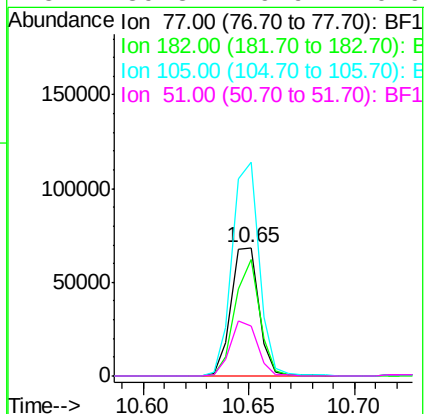
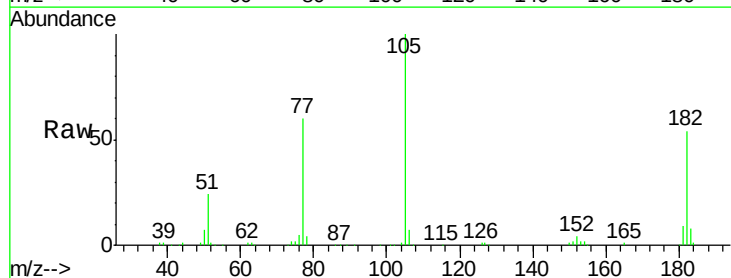
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-D-S

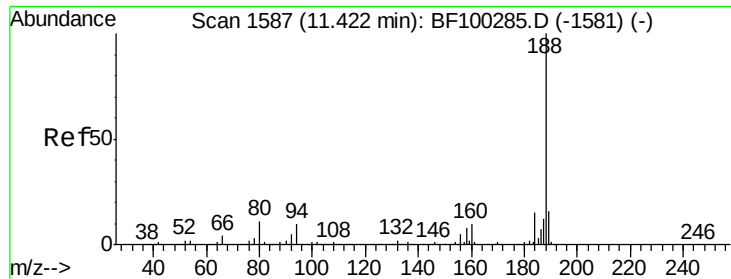
Tgt Ion:	165	Resp:	27315
Ion Ratio	Lower	Upper	
165	100		
63	1.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.08 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

Tgt Ion:	77	Resp:	62078
Ion Ratio	Lower	Upper	
77	100		
182	90.6	1.7	41.7#
105	166.6	3.0	43.0#
51	39.3	9.9	49.9

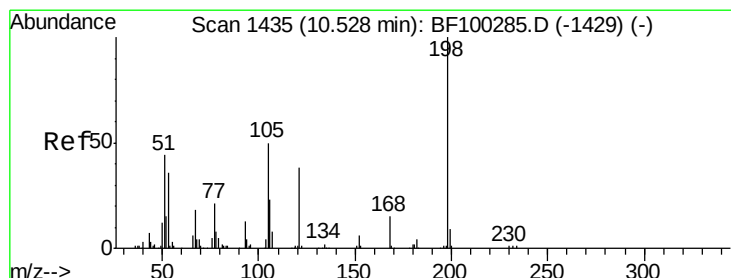
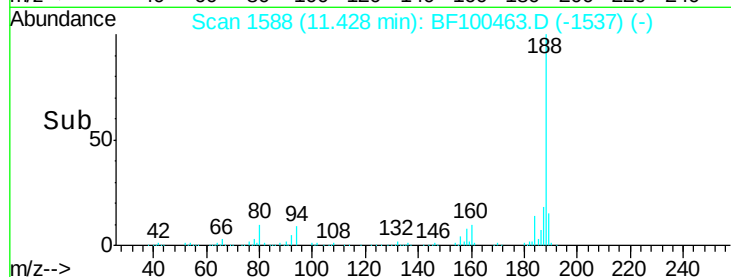
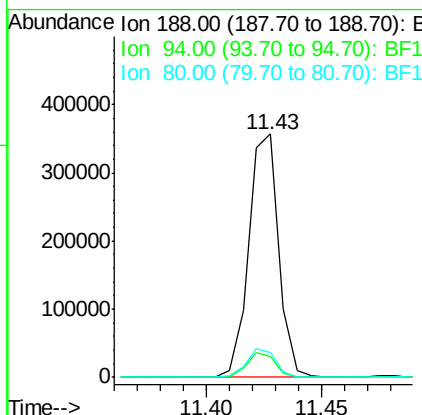
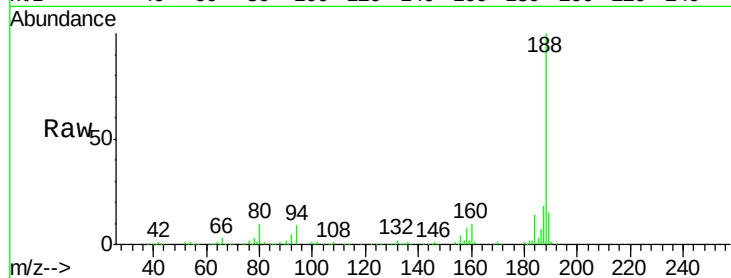




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

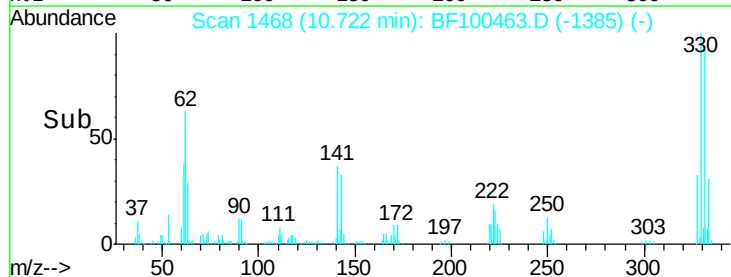
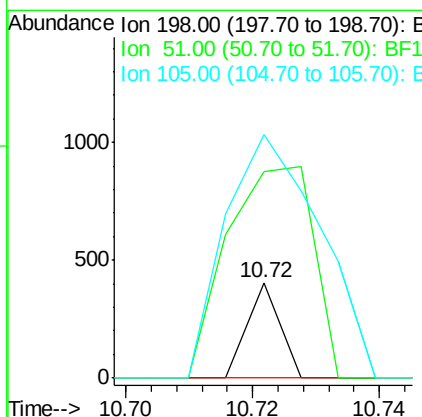
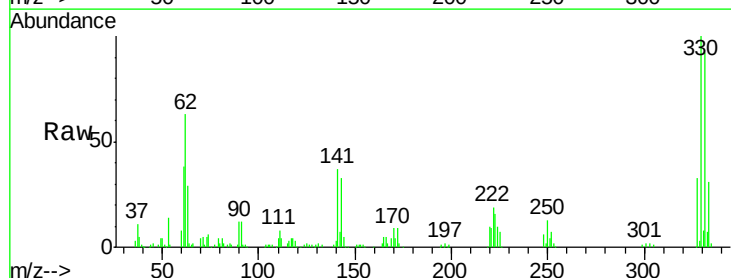
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-D-S

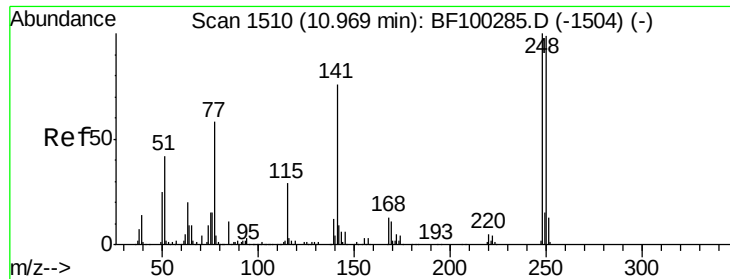
Tgt Ion:188 Resp: 323809
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100463.D
 Acq: 12 Nov 2017 2:37

Tgt Ion:198 Resp: 143
 Ion Ratio Lower Upper
 198 100
 51 215.8 37.7 77.7#
 105 254.4 36.3 76.3#

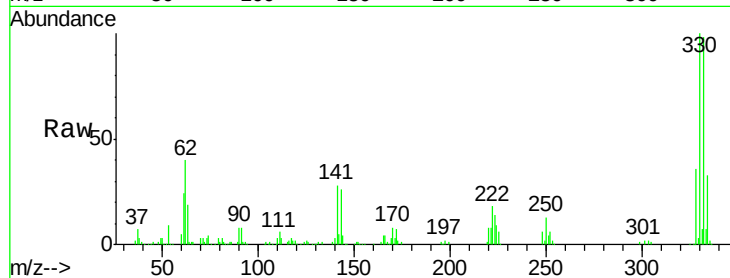




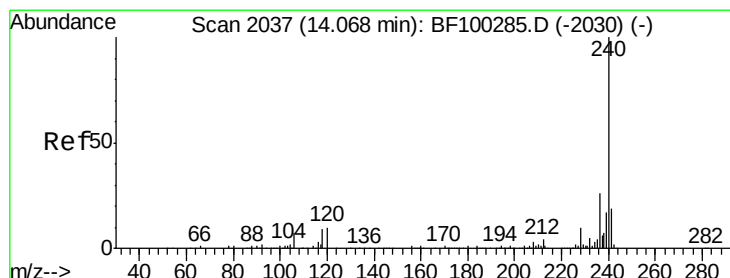
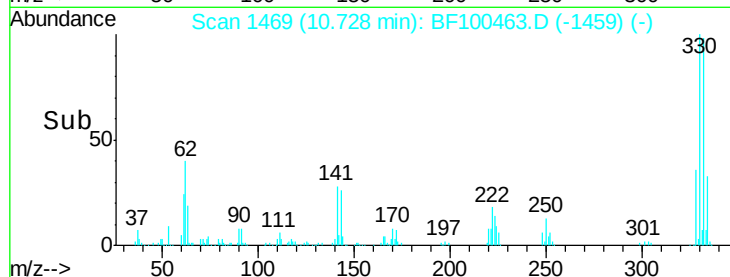
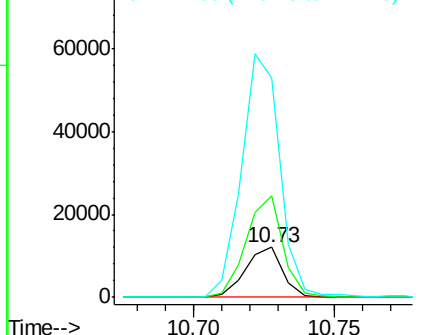
#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100463.D
Acq: 12 Nov 2017 2:37

Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-D-S

Tgt Ion:248 Resp: 10959
Ion Ratio Lower Upper
248 100
250 202.0 76.9 115.3#
141 438.8 74.4 111.6#

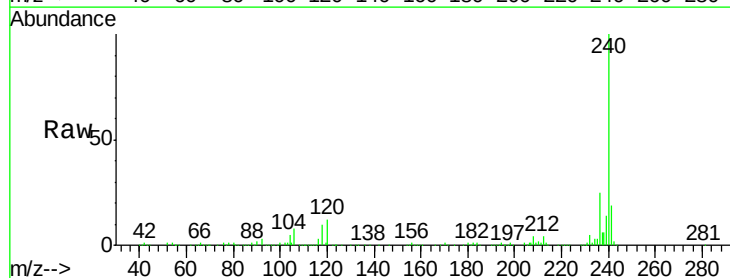


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

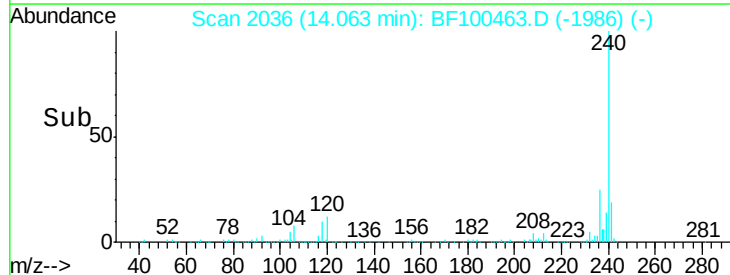
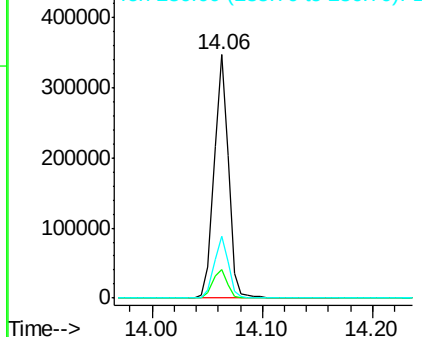


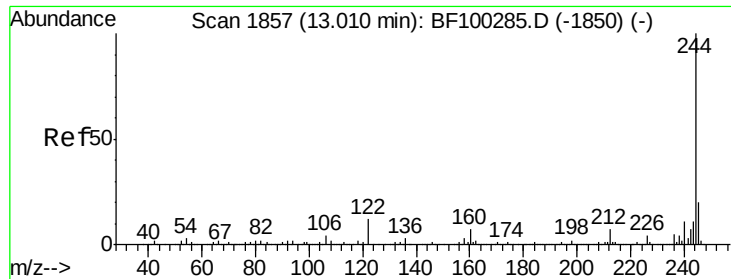
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100463.D
Acq: 12 Nov 2017 2:37

Tgt Ion:240 Resp: 306828
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.3 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: 79.01 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100463.D

Acq: 12 Nov 2017 2:37

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-D-S

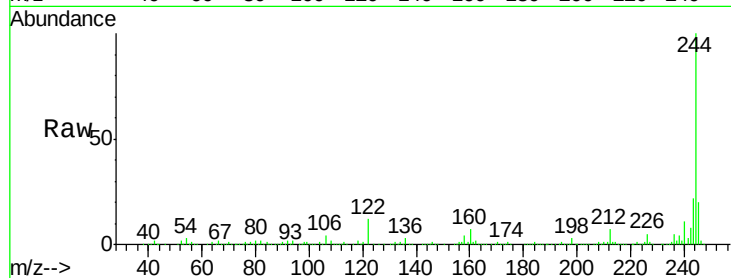
Tgt Ion:244 Resp: 1055017

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

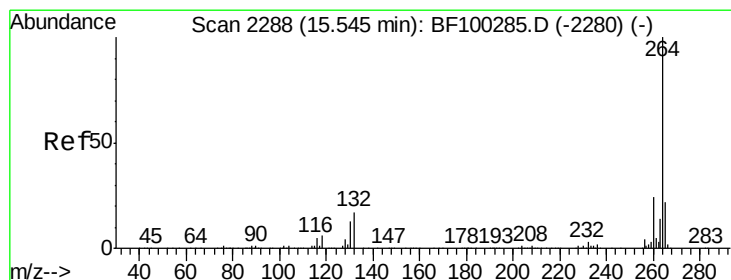
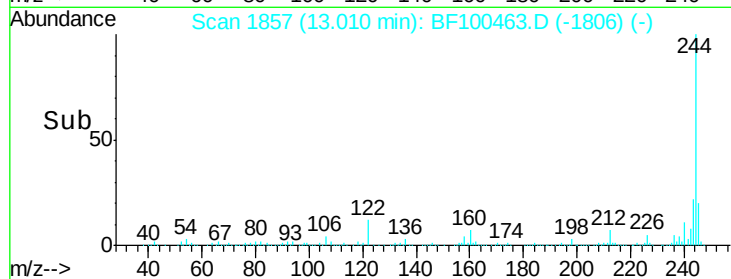
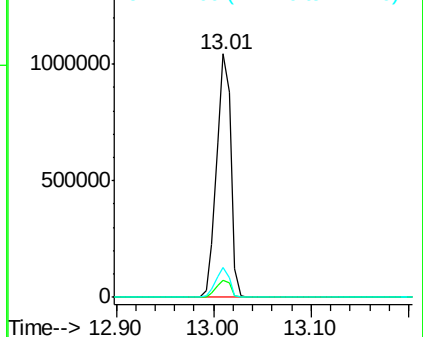
122 12.2 11.0 16.4



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: BF100463.D

Acq: 12 Nov 2017 2:37

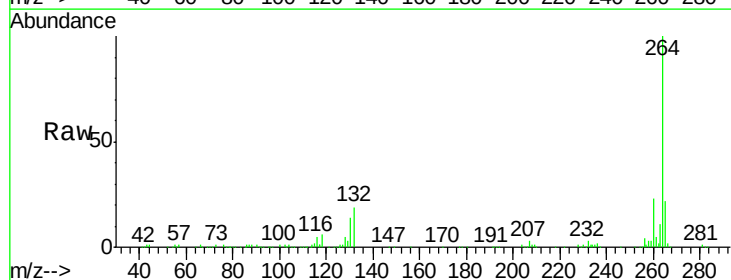
Tgt Ion:264 Resp: 214629

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.8 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

