

Data File : BF100481.D
Acq On : 12 Nov 2017 11:28
Operator : SJ/JU
Sample : I6402-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Nov 13 06:17:18 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	136719	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	505361	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	210237	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	328526	20.00	ng	0.00
75) Chrysene-d12	14.06	240	284257	20.00	ng	0.00
86) Perylene-d12	15.54	264	200931	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	412789	48.40	ng	0.00
7) Phenol-d6	6.52	99	321002	30.52	ng	-0.01
23) Nitrobenzene-d5	7.47	82	915876	119.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	184154	85.96	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1513645	109.63	ng	0.00
78) Terphenyl-d14	13.01	244	1081722	87.44	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	31510	2.85	ng	99
19) n-Nitroso-di-n-propylamine	7.47	70	122338	16.77	ng	# 81
25) Isophorone	7.47	82	913410	56.86	ng	# 64
47) 2-Nitroaniline	9.65	65	641	2.94	ng	# 1
49) Dimethylphthalate	9.65	163	66323	4.13	ng	99
50) 2,6-Dinitrotoluene	9.94	165	26994	8.50	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	26994	6.73	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	256	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11613	3.30	ng	# 1

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

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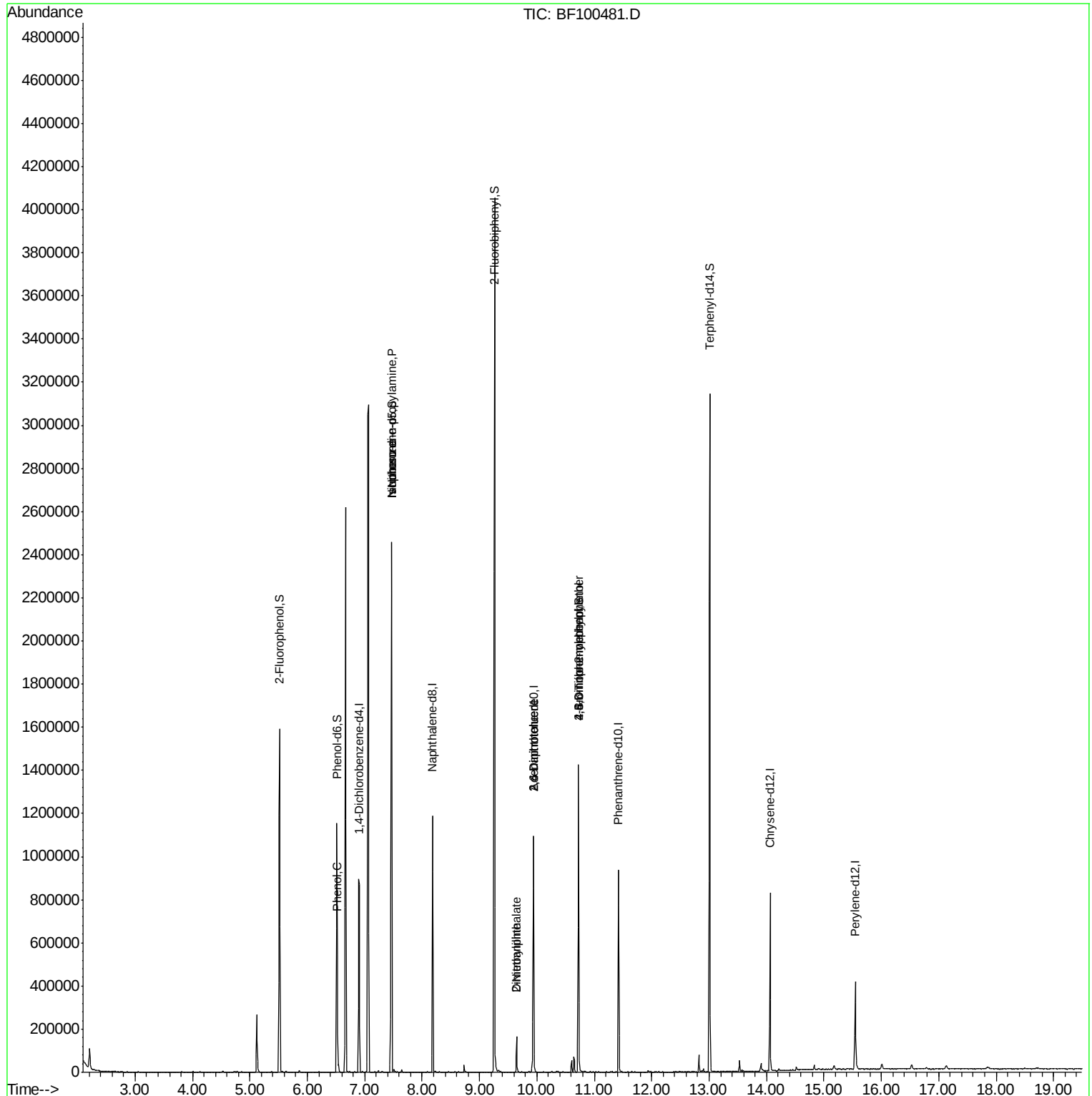
Quant Time: Nov 13 06:17:18 2017

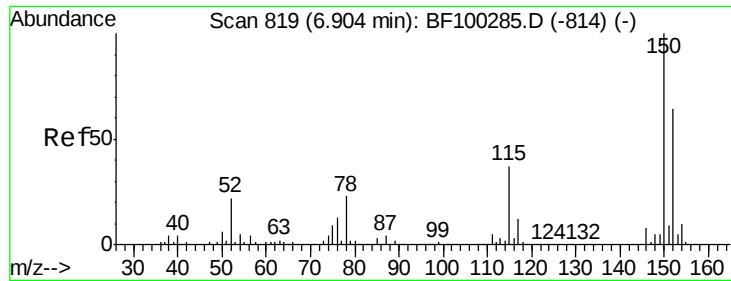
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

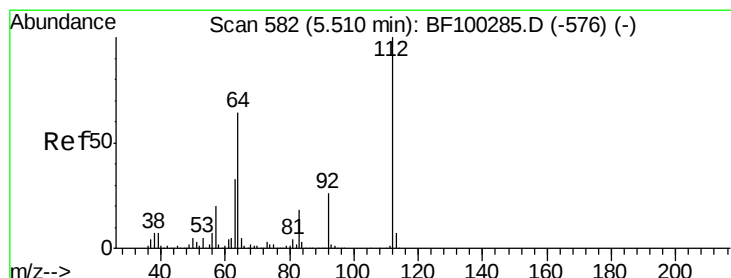
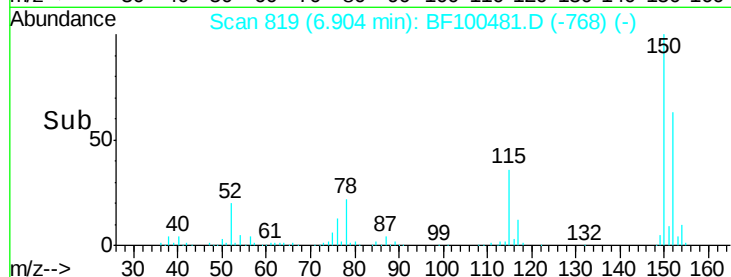
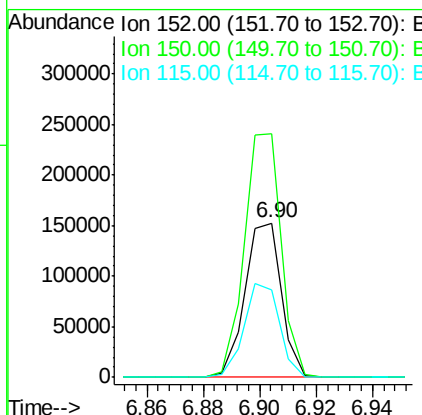
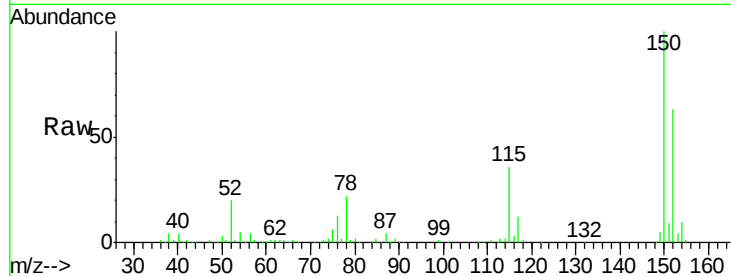




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

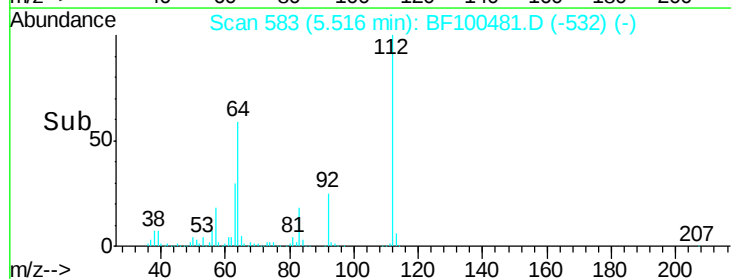
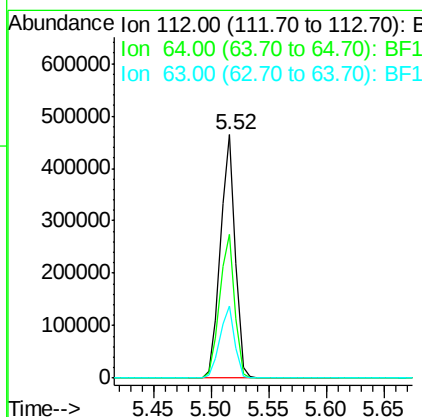
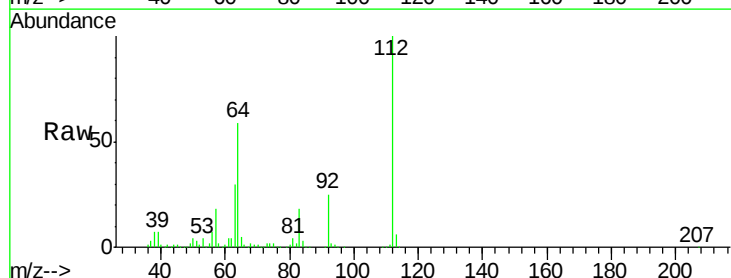
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-D-S

Tgt Ion:152 Resp: 136719
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 56.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 48.40 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

Tgt Ion:112 Resp: 412789
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 30.52 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-S

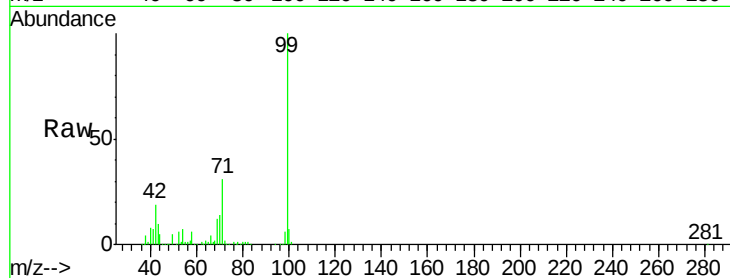
Tgt Ion: 99 Resp: 321002

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

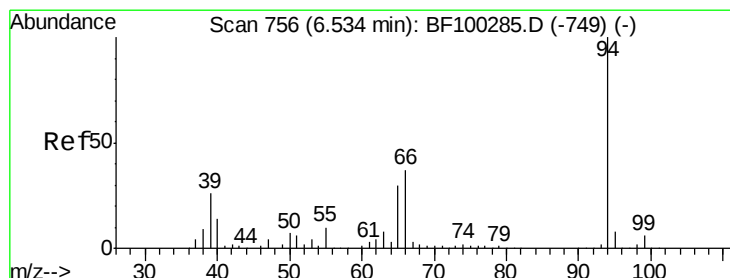
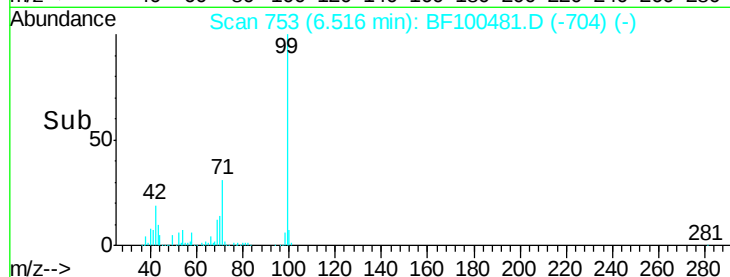
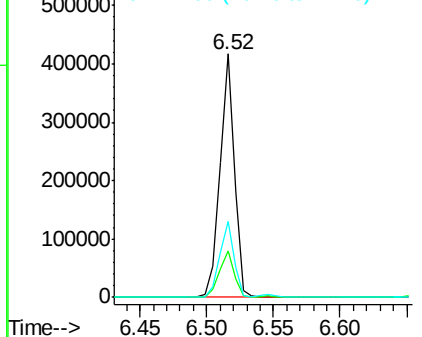
71 31.1 25.4 38.0



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: 2.85 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

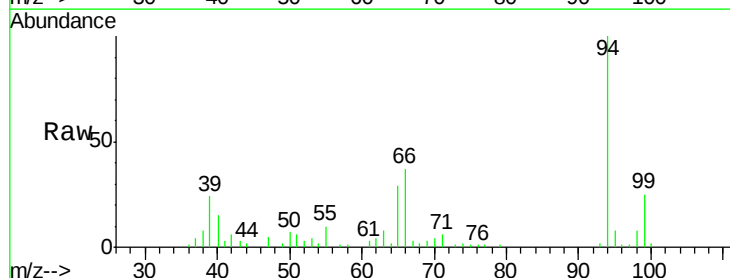
Tgt Ion: 94 Resp: 31510

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

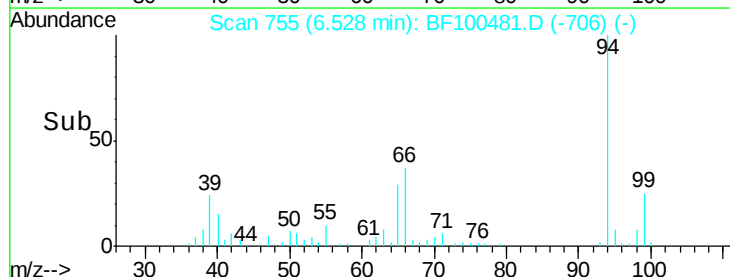
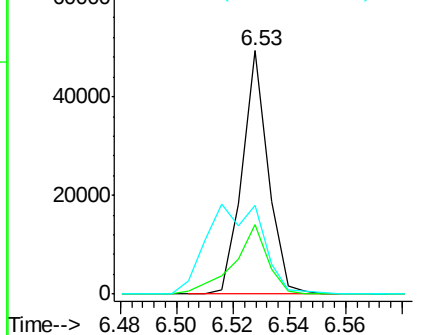
66 36.7 16.2 56.2



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

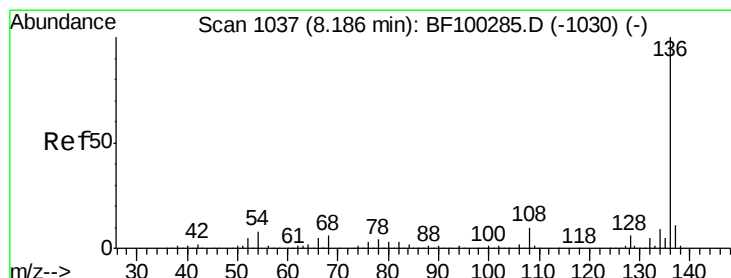
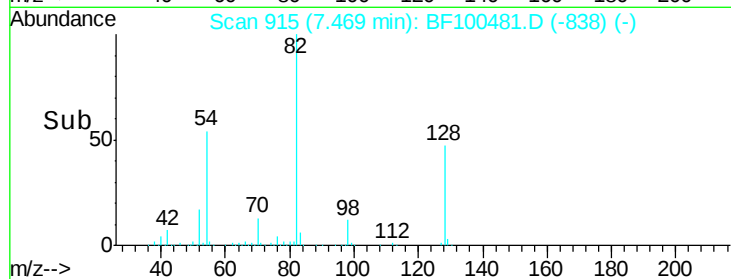
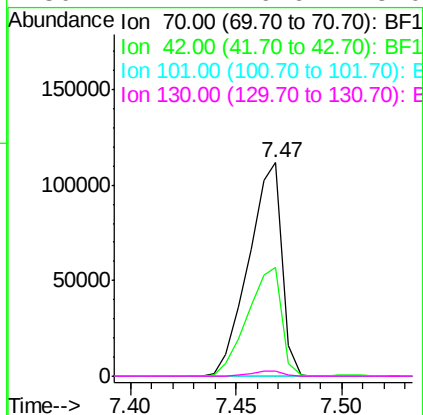
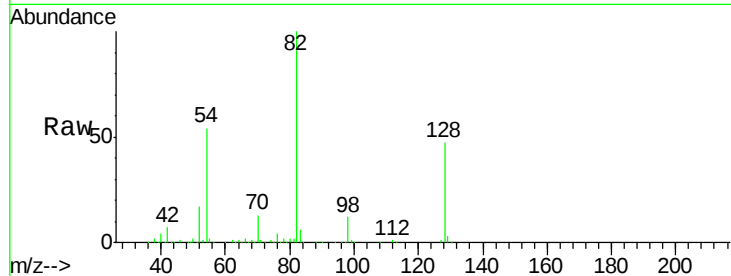




#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

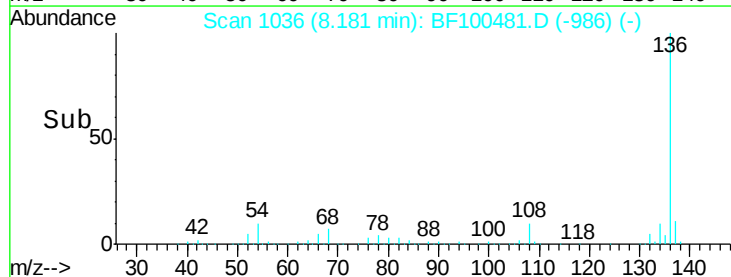
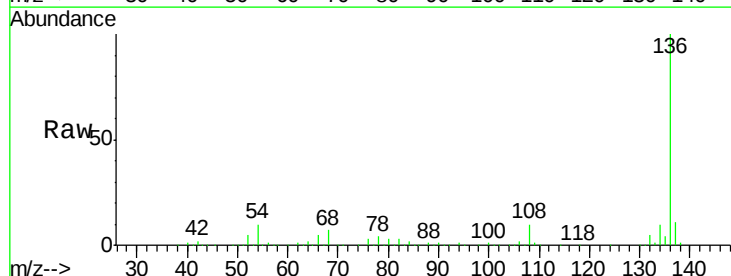
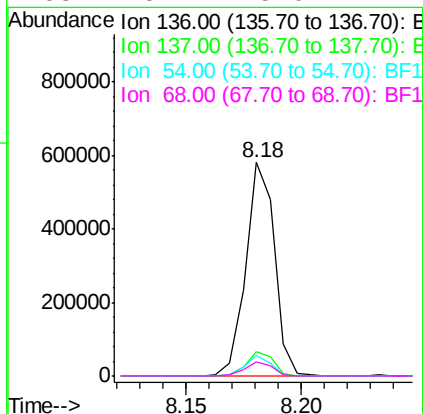
Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion: 70 Resp: 122338
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:136 Resp: 505361
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.6 6.6 9.8
68 6.7 5.0 7.4

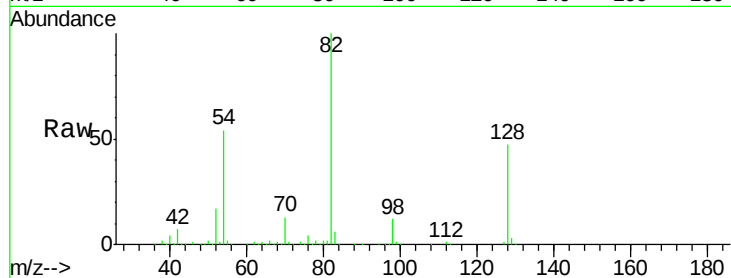




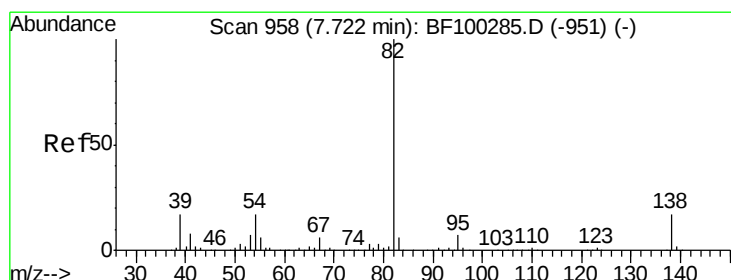
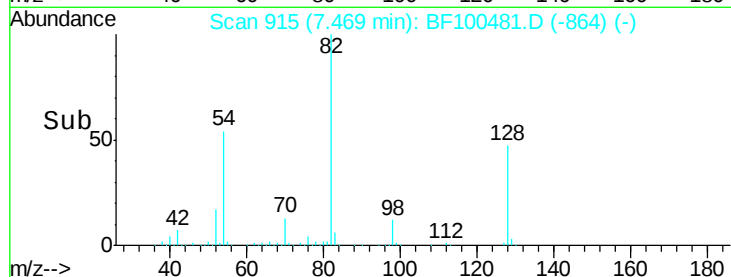
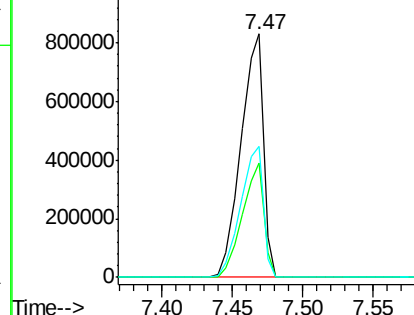
#23
 Nitrobenzene-d5
 Concen: 119.82 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	53.6	41.4	62.2

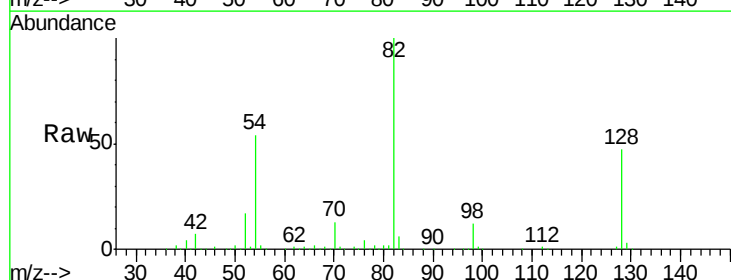


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

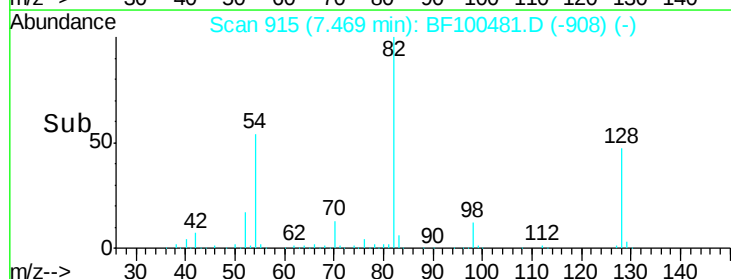
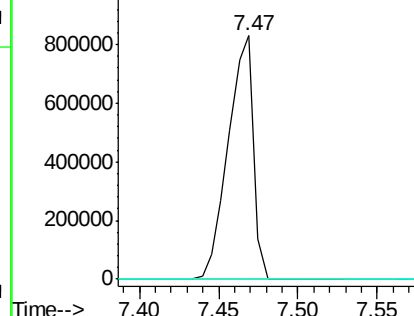


#25
 Isophorone
 Concen: 56.86 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.26 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

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

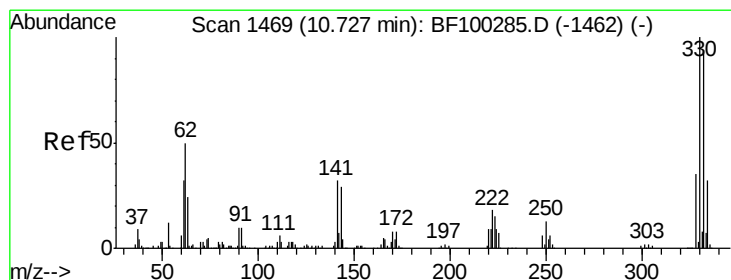
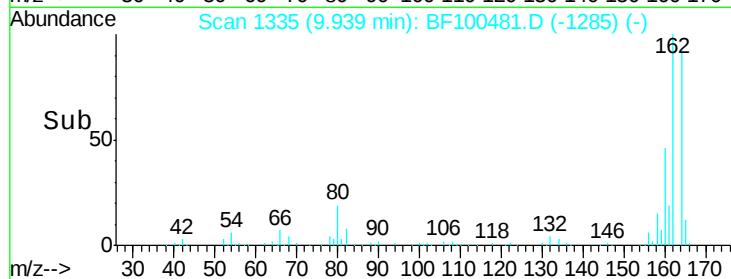
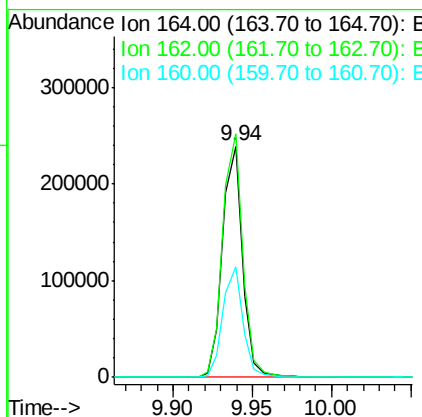
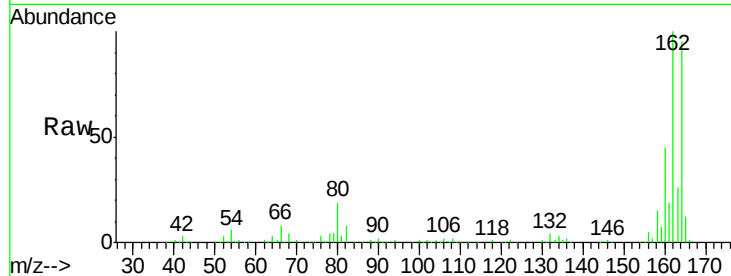




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

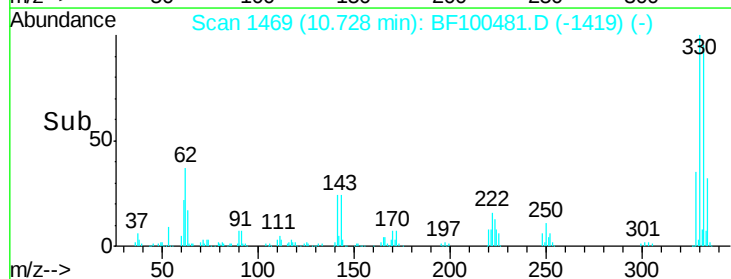
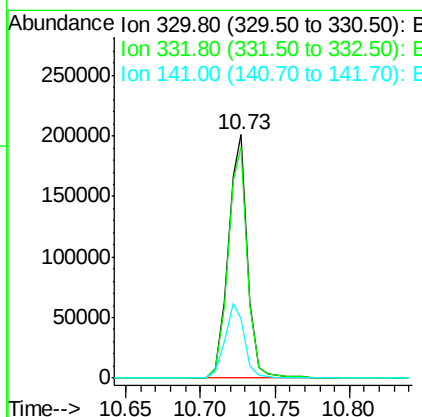
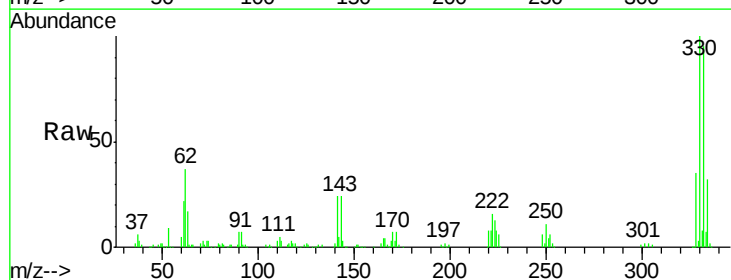
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-D-S

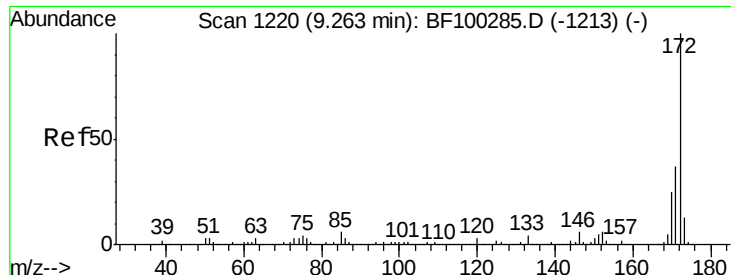
Tgt Ion:164 Resp: 210237
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 48.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.96 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

Tgt Ion:330 Resp: 184154
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.0 29.9 44.9

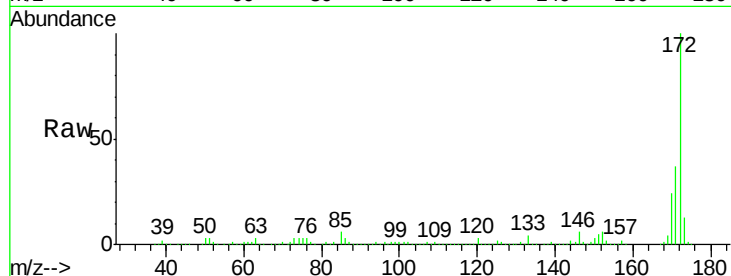




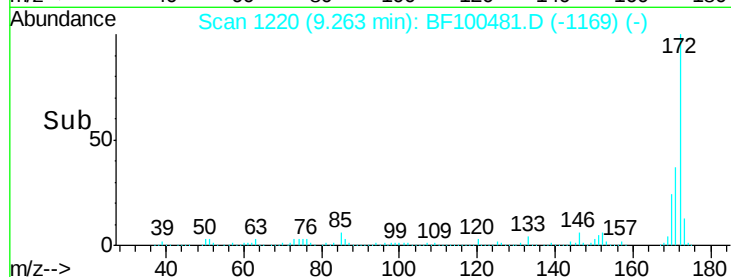
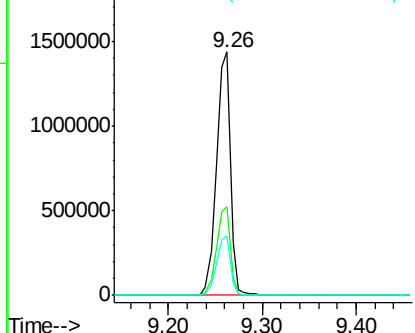
#44
 2-Fluorobiphenyl
 Concen: 109.63 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

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

Tgt Ion: 172 Resp: 1513645
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4

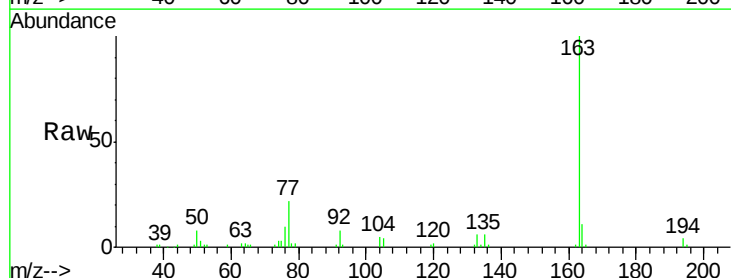


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

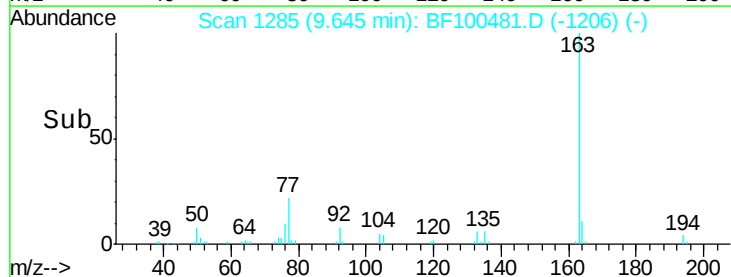
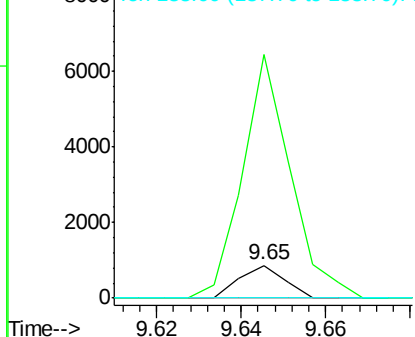


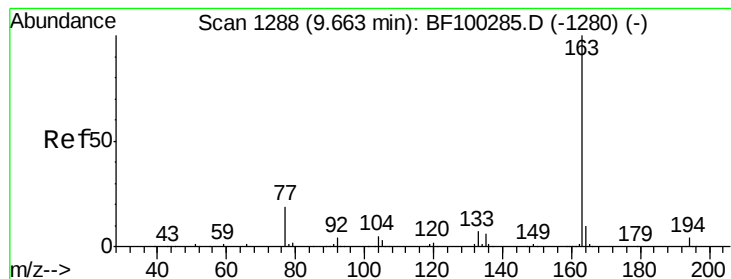
#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

Tgt Ion: 65 Resp: 641
 Ion Ratio Lower Upper
 65 100
 92 747.4 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): E





#49

Dimethylphthalate

Concen: 4.13 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-S

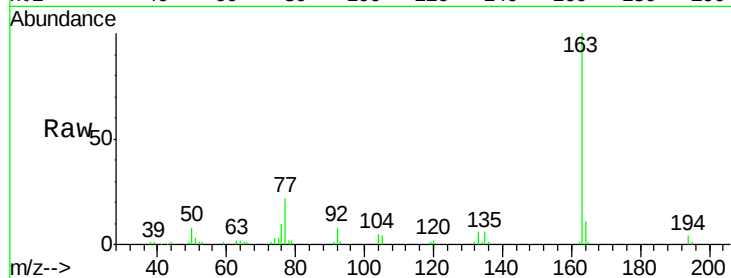
Tgt Ion:163 Resp: 66323

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

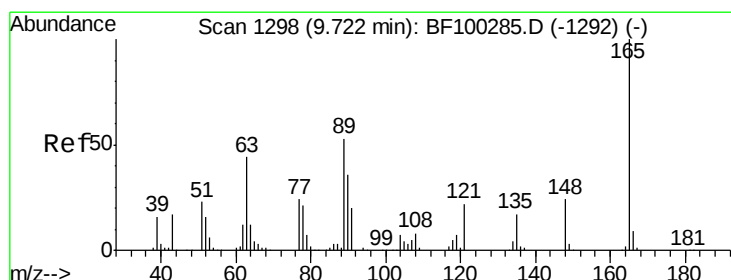
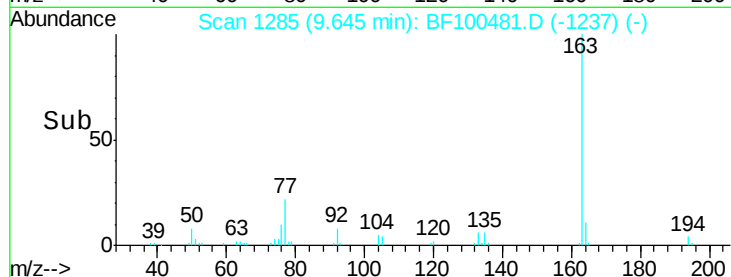
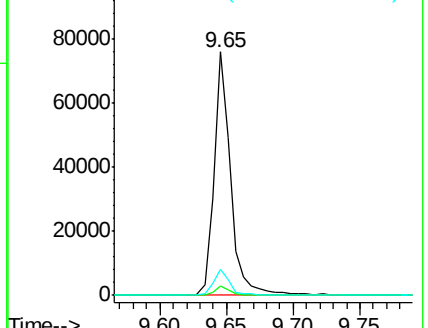
164 10.7 8.2 12.2



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: 8.50 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

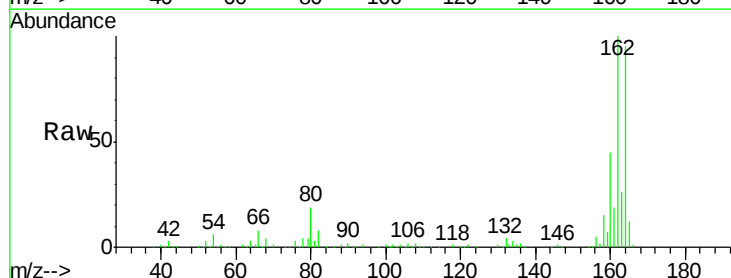
Tgt Ion:165 Resp: 26994

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

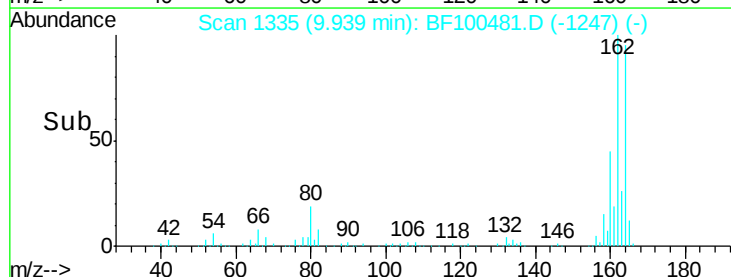
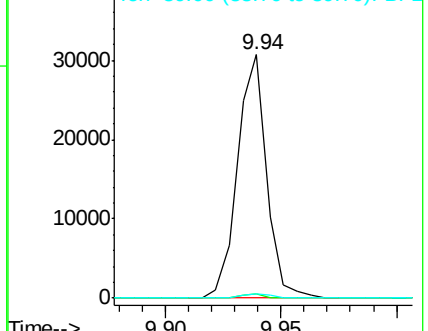
89 1.8 44.0 66.0#

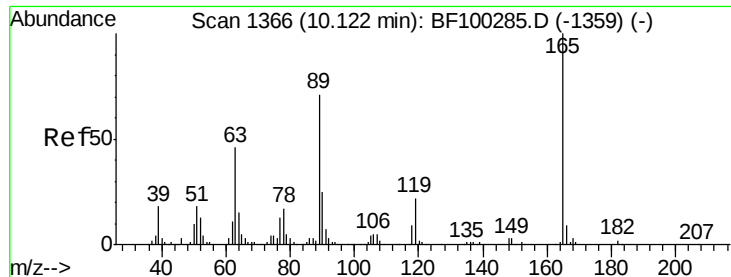


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

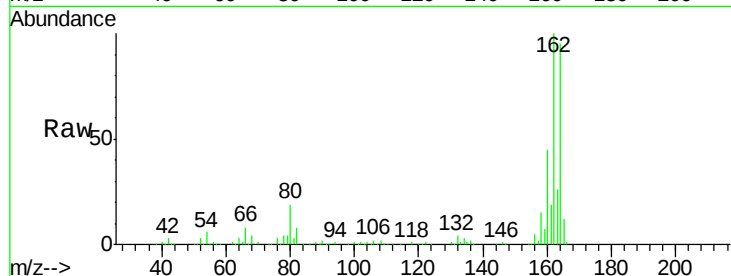




#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

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

Tgt Ion:	165	Resp:	26994
Ion Ratio	Lower	Upper	
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

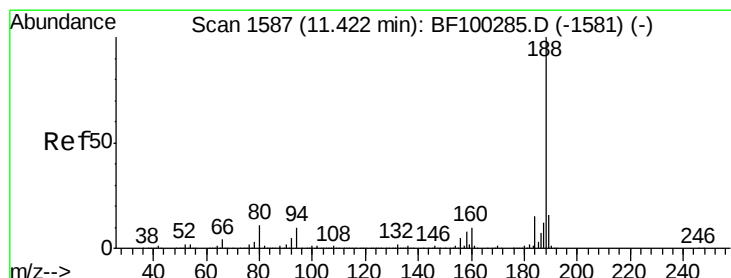
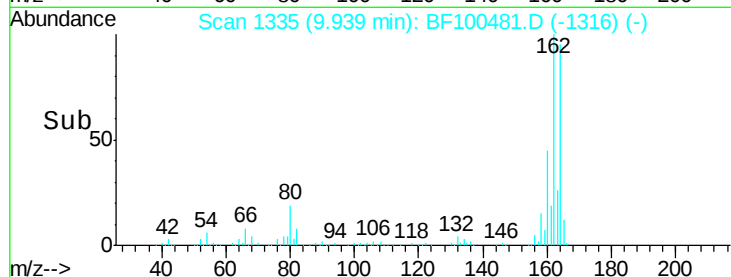
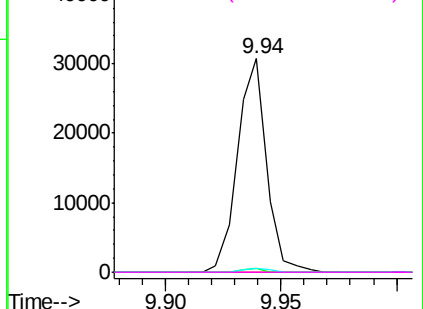


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

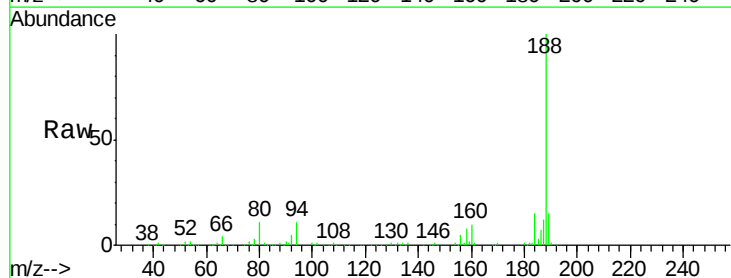
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

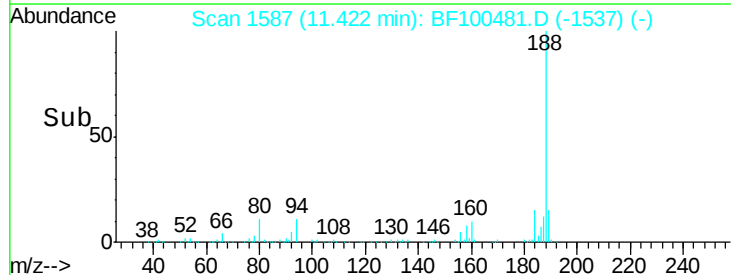
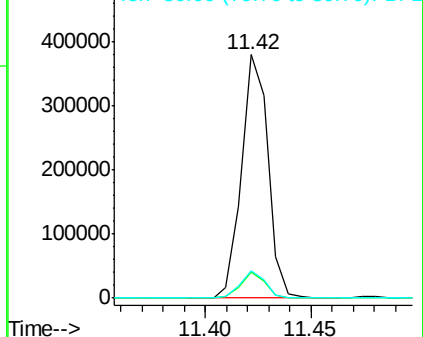
Tgt Ion:	188	Resp:	328526
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8

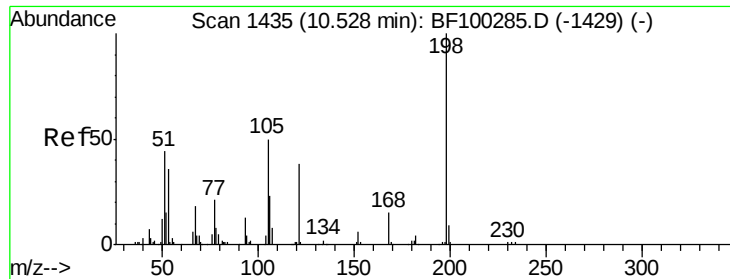


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

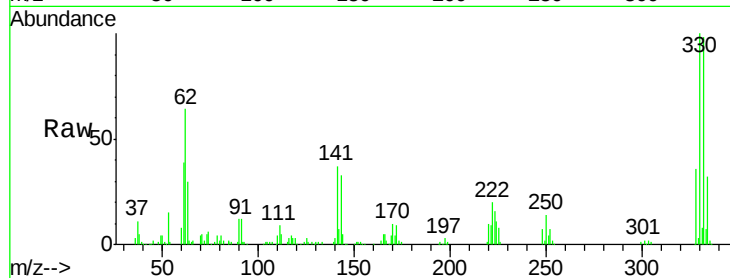




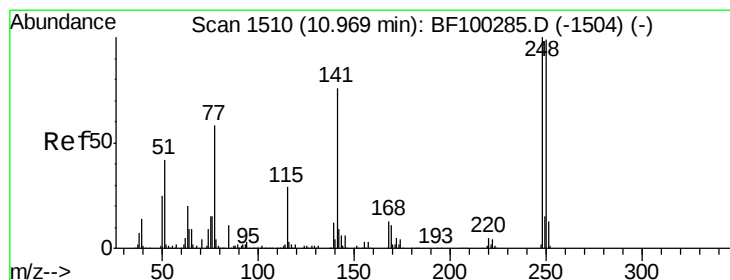
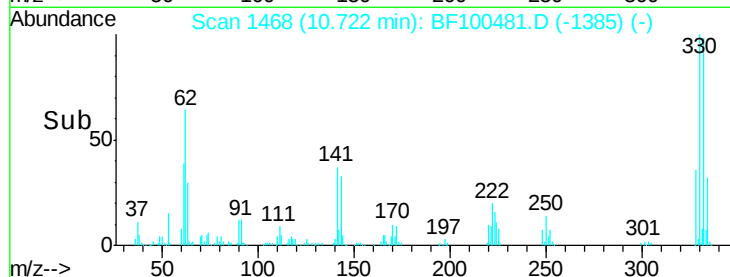
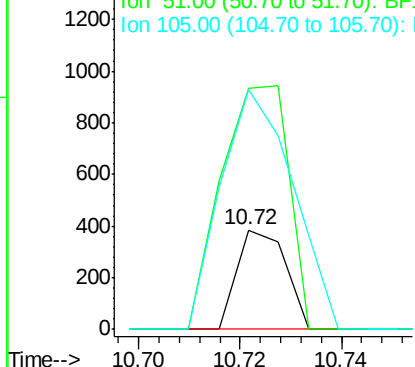
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

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

Tgt Ion:198 Resp: 256
 Ion Ratio Lower Upper
 198 100
 51 243.8 37.7 77.7#
 105 241.9 36.3 76.3#

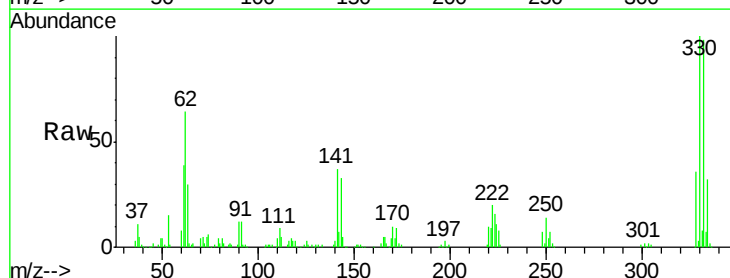


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

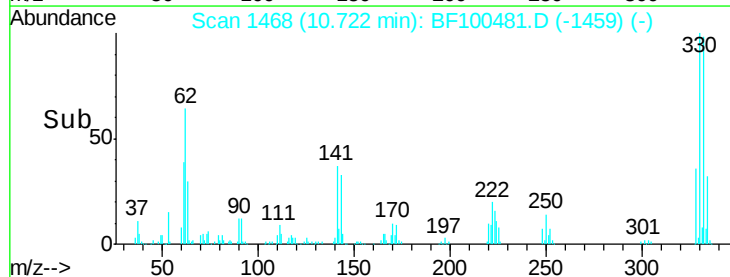
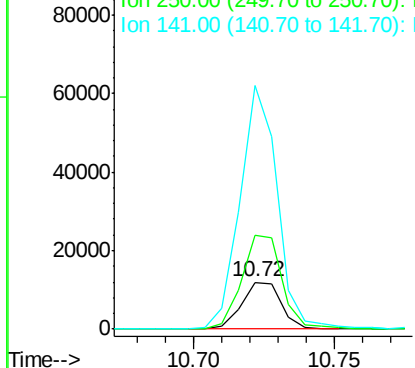


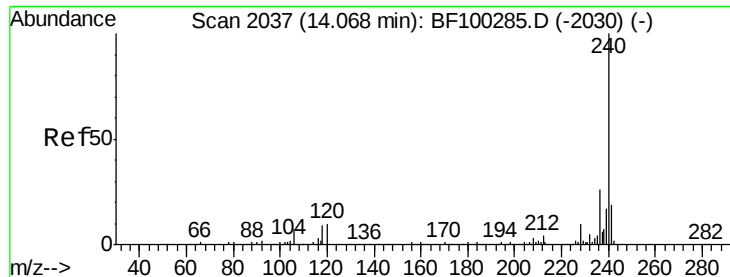
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100481.D
 Acq: 12 Nov 2017 11:28

Tgt Ion:248 Resp: 11613
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.9 115.3#
 141 518.7 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-S

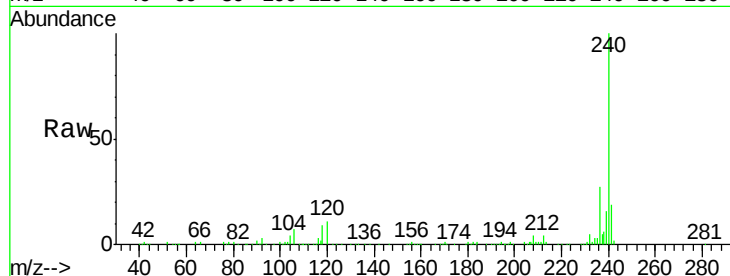
Tgt Ion:240 Resp: 284257

Ion Ratio Lower Upper

240 100

120 10.8 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

14.06

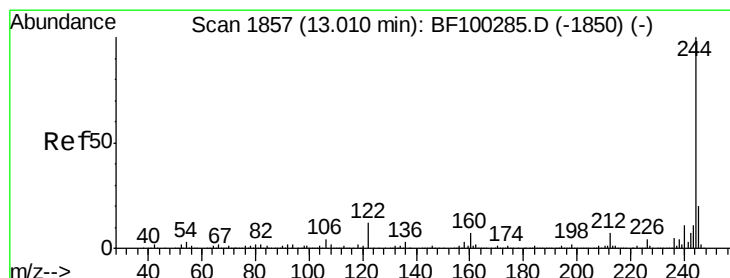
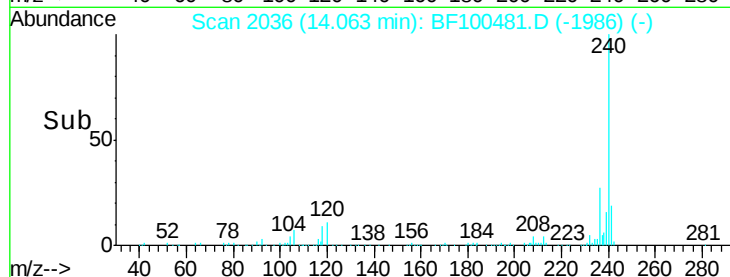
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 87.44 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100481.D

Acq: 12 Nov 2017 11:28

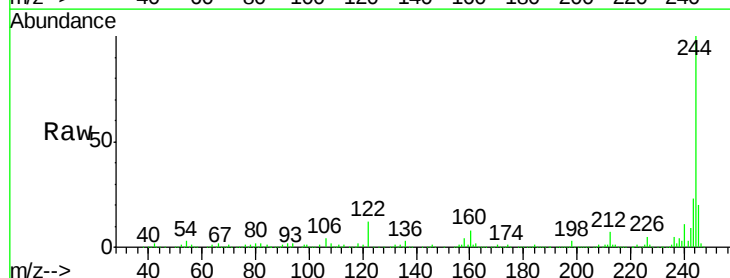
Tgt Ion:244 Resp: 1081722

Ion Ratio Lower Upper

244 100

212 7.3 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

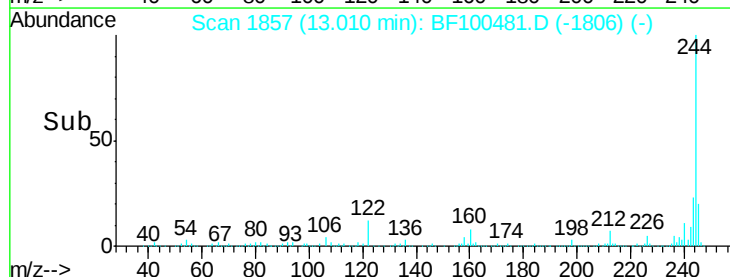
13.01

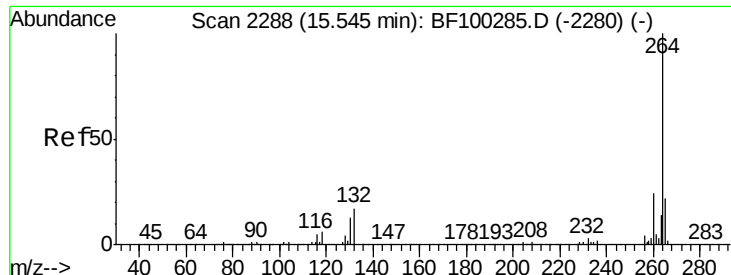
1000000

500000

0

Time-->

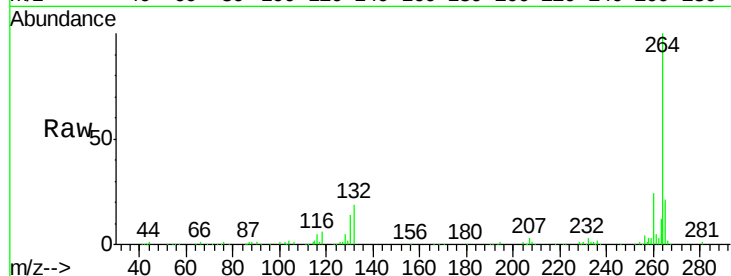




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

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

Tgt Ion:	264	Resp:	200931
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	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

