

Data File : BF100482.D
Acq On : 12 Nov 2017 11:54
Operator : SJ/JU
Sample : I6402-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Nov 13 06:17:43 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	141545	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	519875	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	215466	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	337259	20.00	ng	0.00
75) Chrysene-d12	14.06	240	296191	20.00	ng	0.00
86) Perylene-d12	15.54	264	207533	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	420695	47.64	ng	0.00
7) Phenol-d6	6.52	99	331545	30.45	ng	-0.01
23) Nitrobenzene-d5	7.47	82	893697	113.65	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	193612	88.18	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1485498	104.98	ng	0.00
78) Terphenyl-d14	13.01	244	1067885	82.84	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	33827	2.96	ng	99
19) n-Nitroso-di-n-propylamine	7.47	70	120669	15.98	ng	# 80
25) Isophorone	7.47	82	891627	53.96	ng	# 64
47) 2-Nitroaniline	9.65	65	768	2.97	ng	# 1
49) Dimethylphthalate	9.65	163	102977	6.26	ng	99
56) 2,4-Dinitrotoluene	9.94	165	26937	6.56	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	238	8.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11937	3.30	ng	# 1

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

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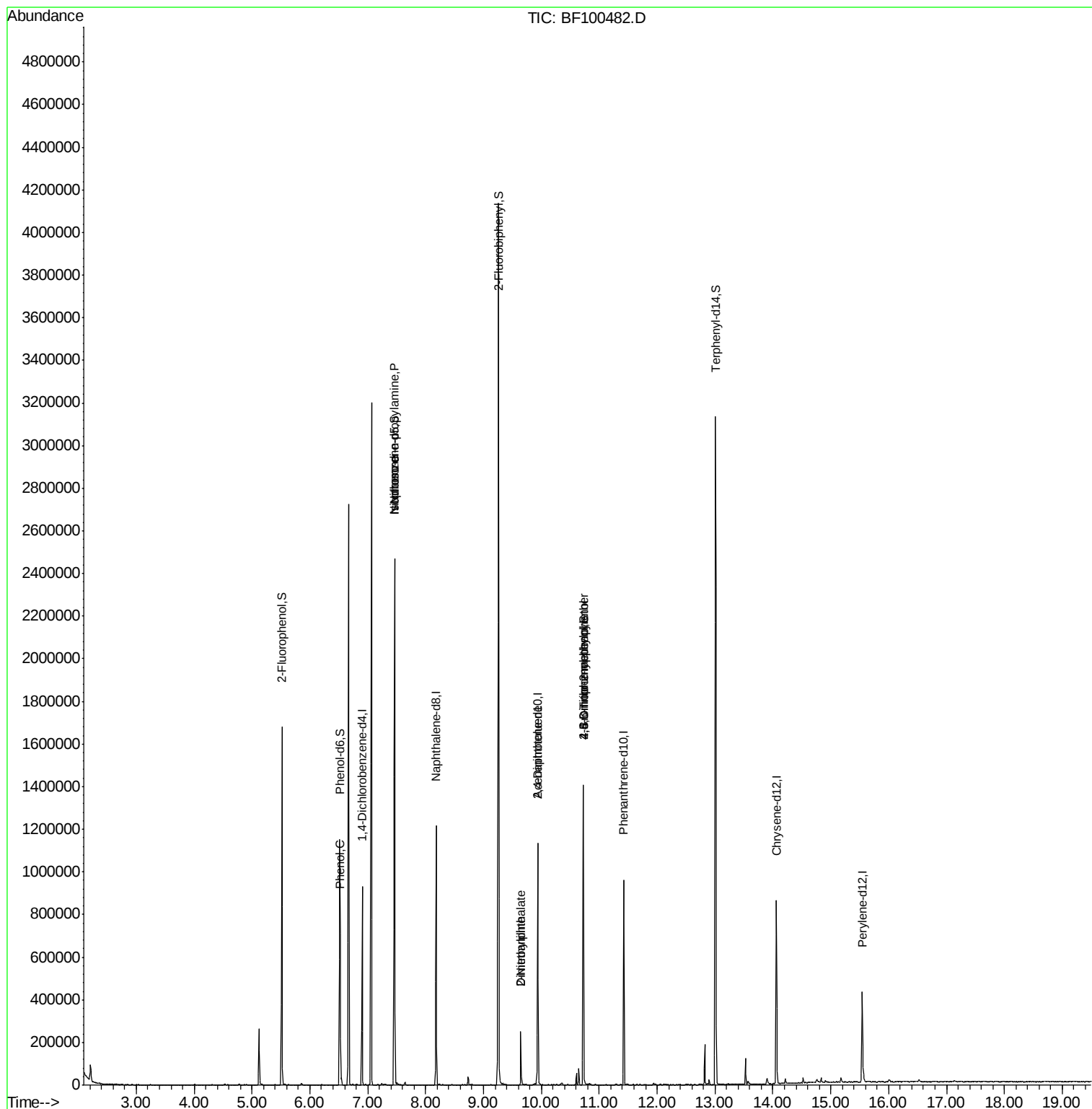
Quant Time: Nov 13 06:17:43 2017

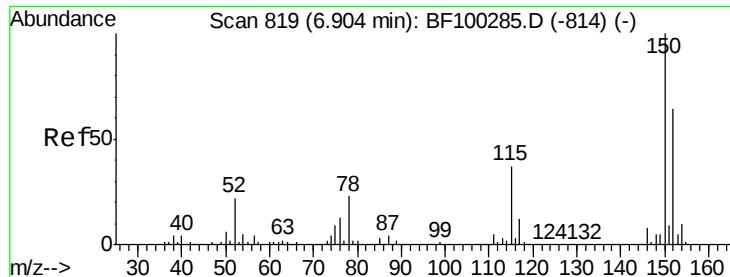
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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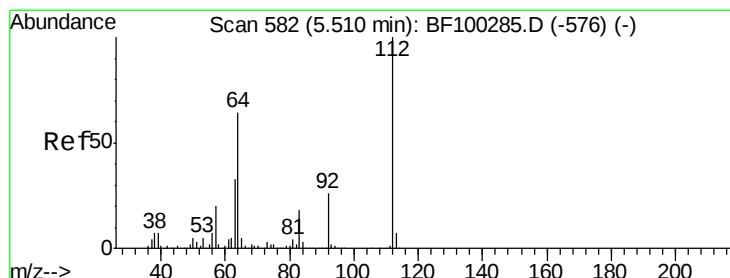
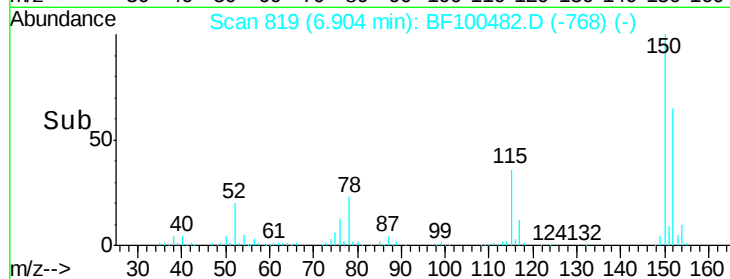
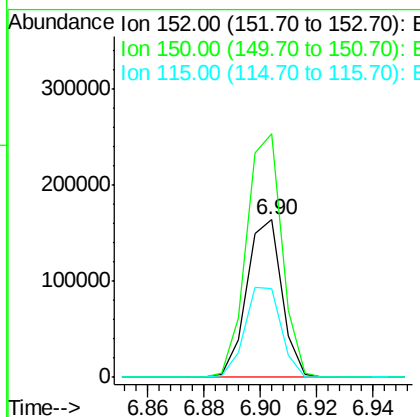
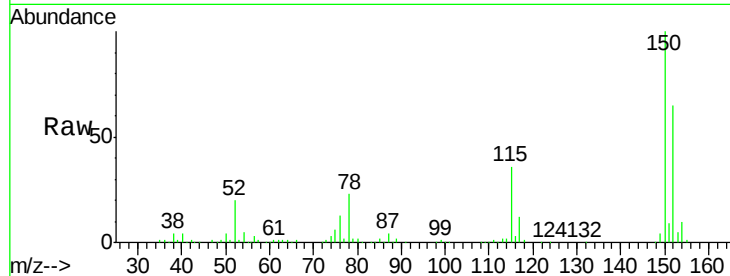




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

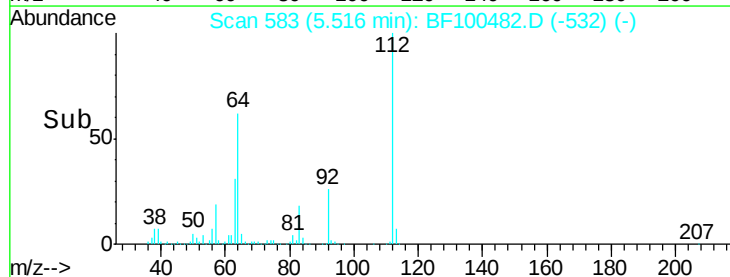
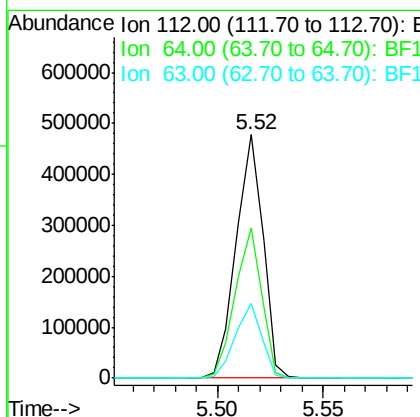
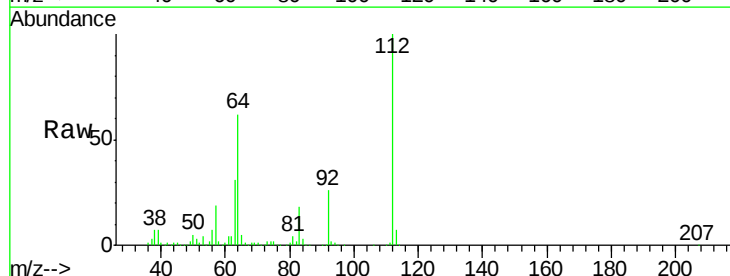
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-U-B

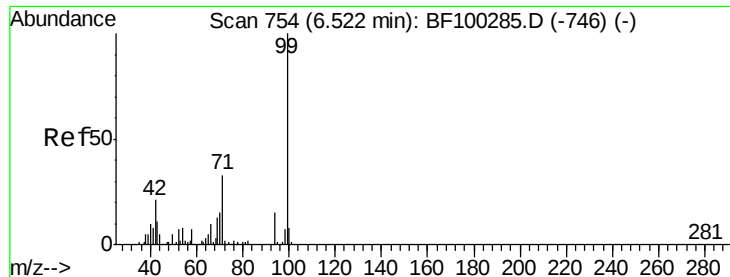
Tgt Ion:152 Resp: 141545
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 56.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 47.64 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

Tgt Ion:112 Resp: 420695
 Ion Ratio Lower Upper
 112 100
 64 61.6 47.9 71.9
 63 30.8 23.7 35.5





#7

Phenol-d6

Concen: 30.45 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100482.D

Acq: 12 Nov 2017 11:54

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-B

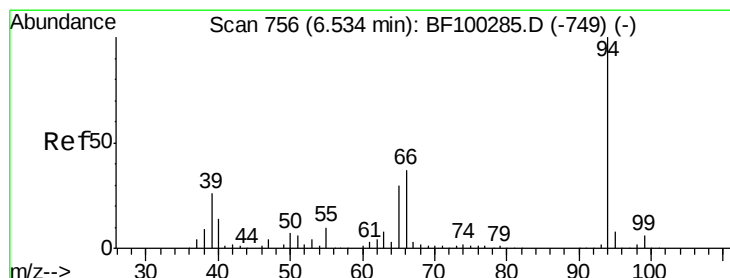
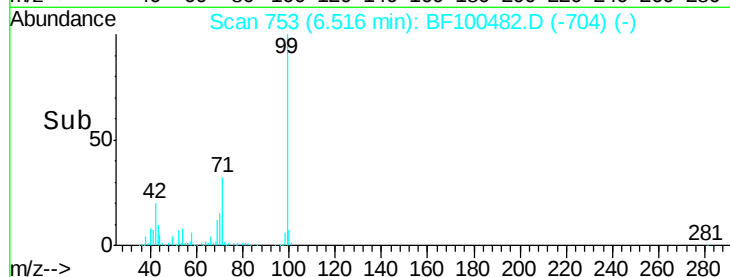
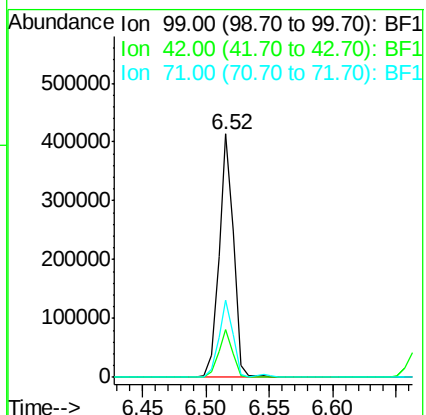
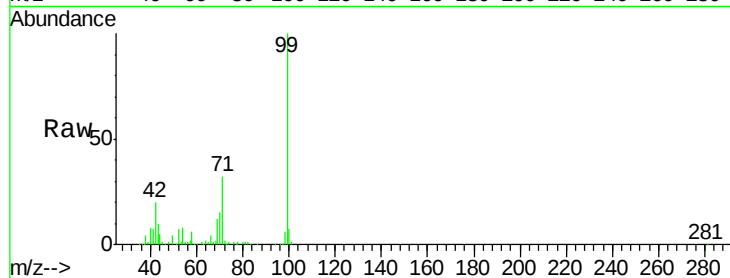
Tgt Ion: 99 Resp: 331545

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.7 25.4 38.0



#10

Phenol

Concen: 2.96 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100482.D

Acq: 12 Nov 2017 11:54

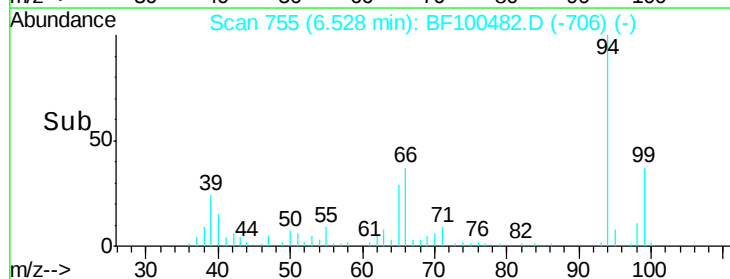
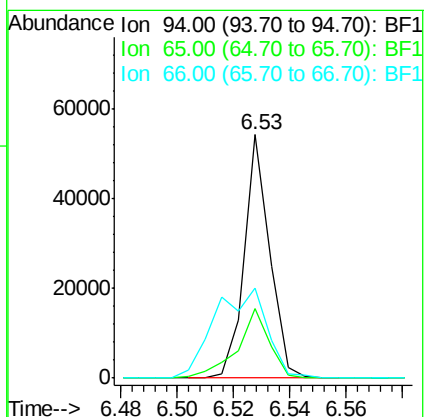
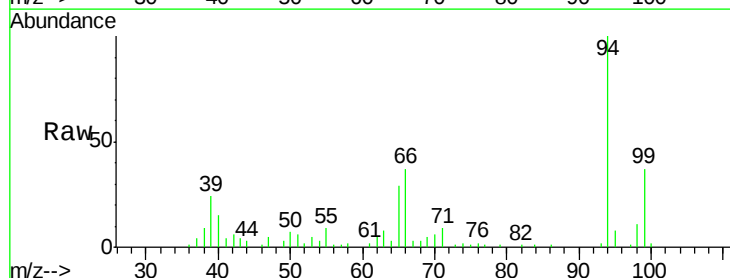
Tgt Ion: 94 Resp: 33827

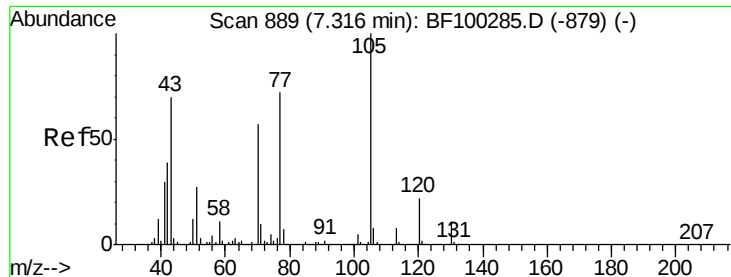
Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

66 37.0 16.2 56.2

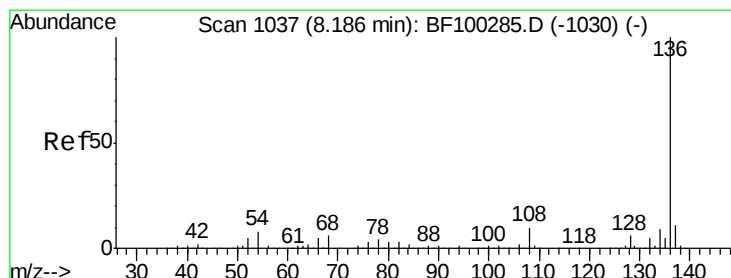
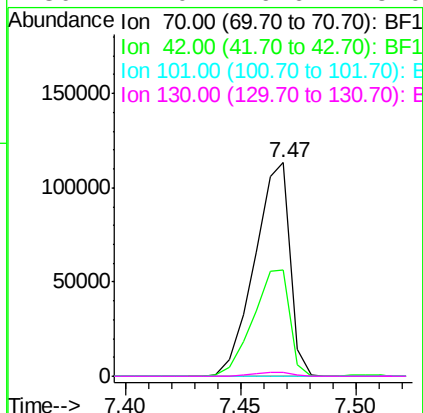
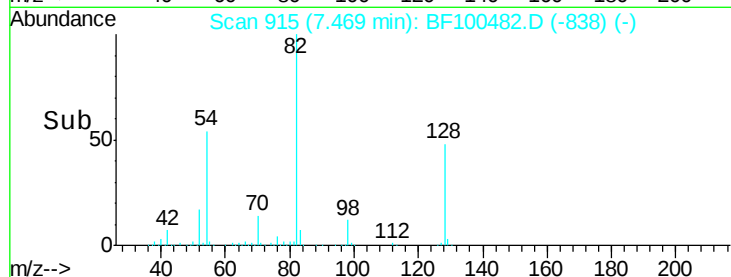
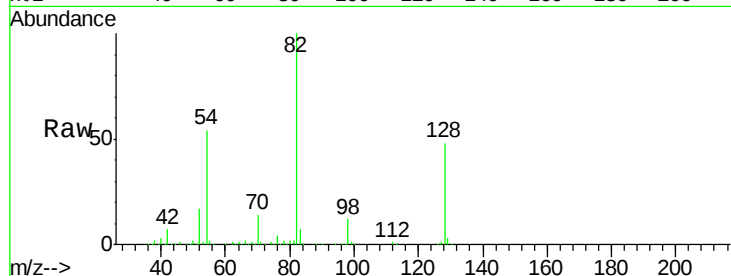




#19
n-Nitroso-di-n-propylamine
Concen: 15.98 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

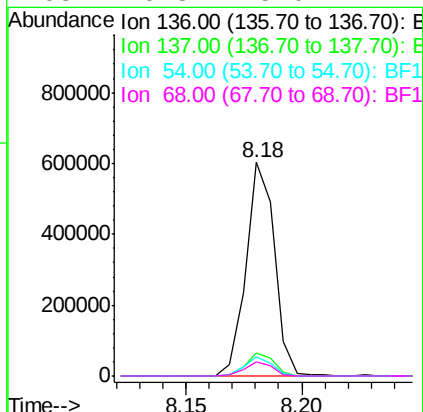
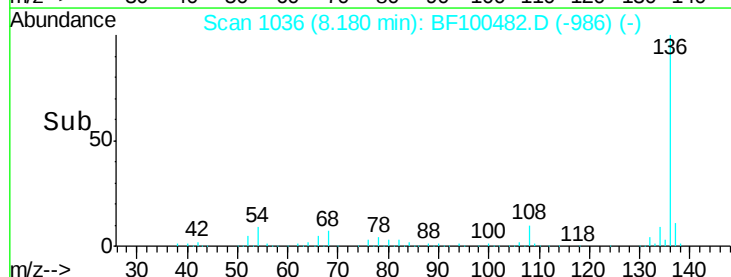
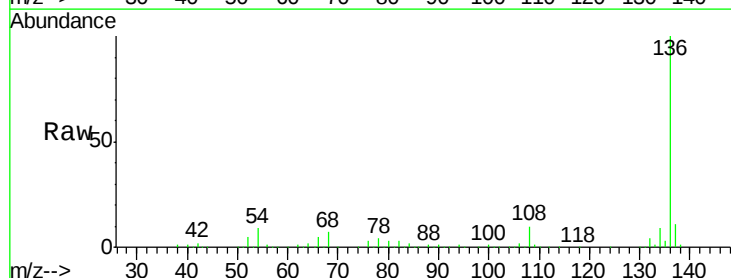
Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-U-B

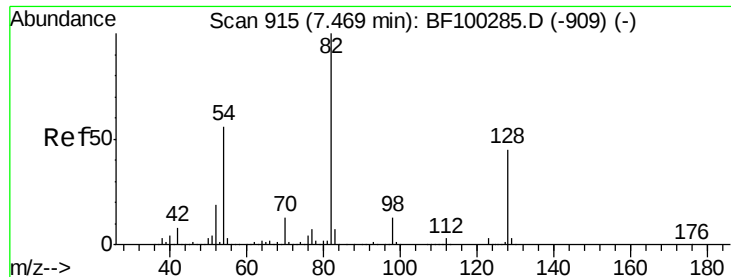
Tgt Ion: 70 Resp: 120669
Ion Ratio Lower Upper
70 100
42 49.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

Tgt Ion: 136 Resp: 519875
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 6.6 9.8
68 6.8 5.0 7.4

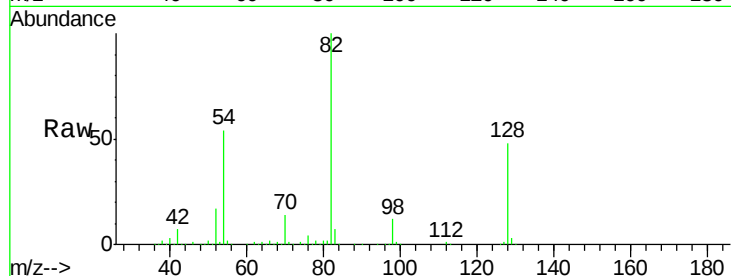




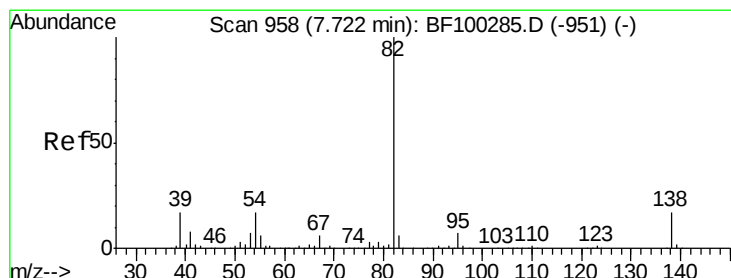
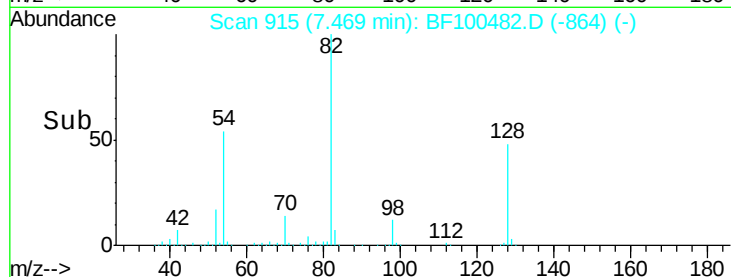
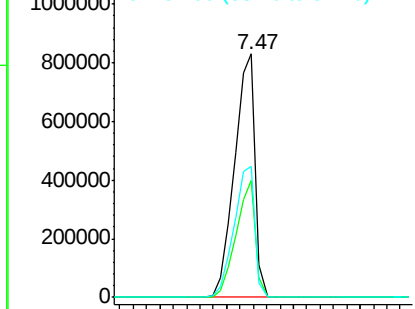
#23
Nitrobenzene-d5
Concen: 113.65 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	53.9	41.4	62.2

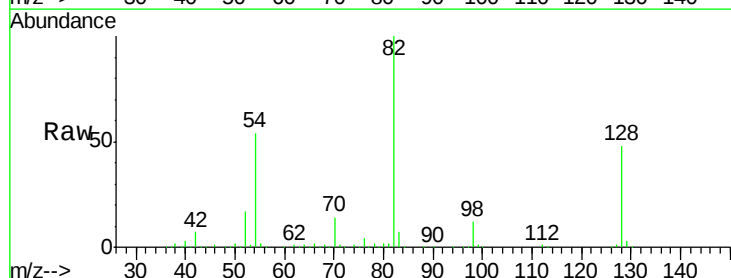


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

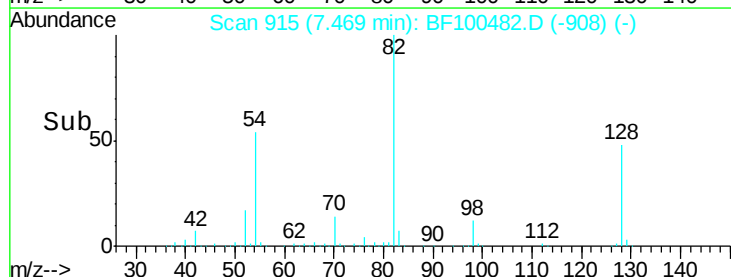
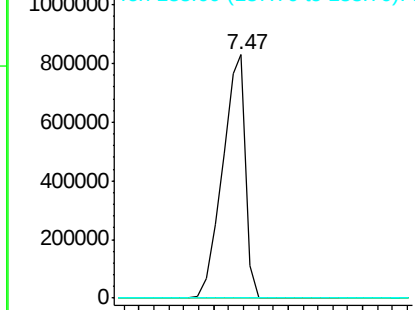


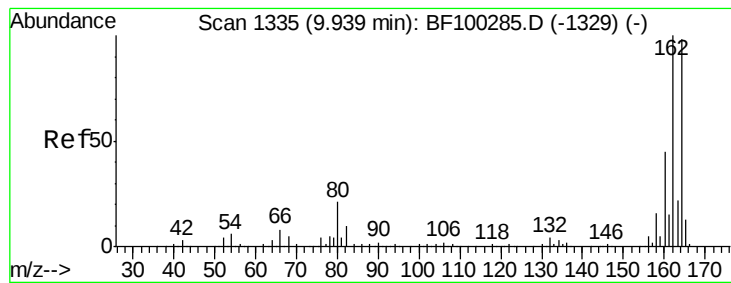
#25
Isophorone
Concen: 53.96 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

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: BF100482.D

Acq: 12 Nov 2017 11:54

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-B

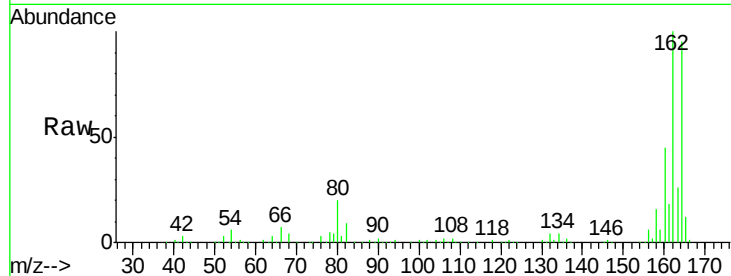
Tgt Ion:164 Resp: 215466

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

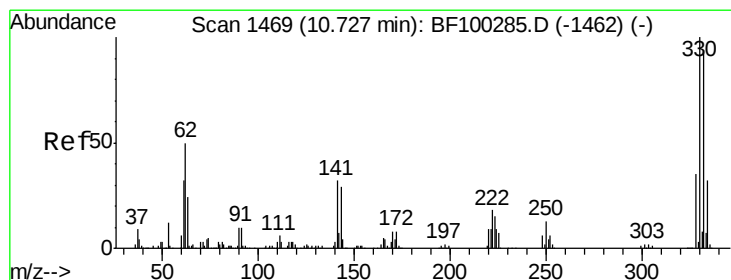
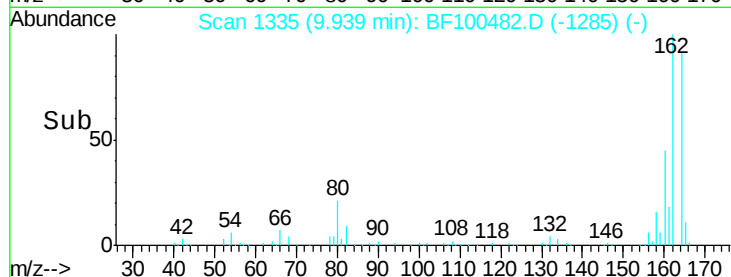
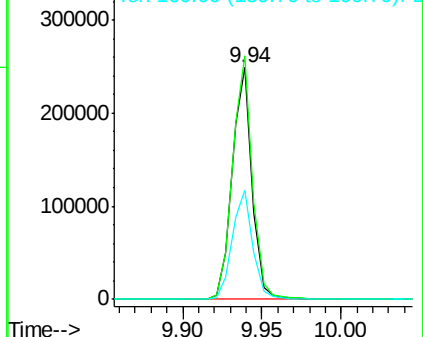
160 47.0 38.3 57.5



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: 88.18 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100482.D

Acq: 12 Nov 2017 11:54

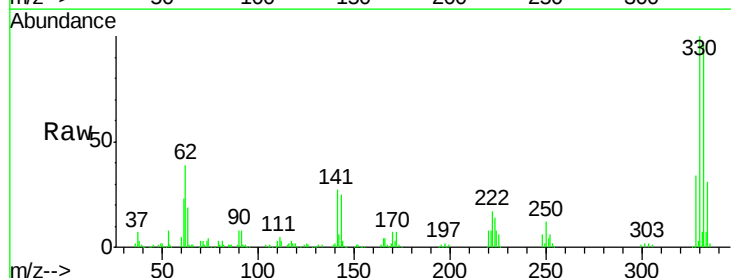
Tgt Ion:330 Resp: 193612

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

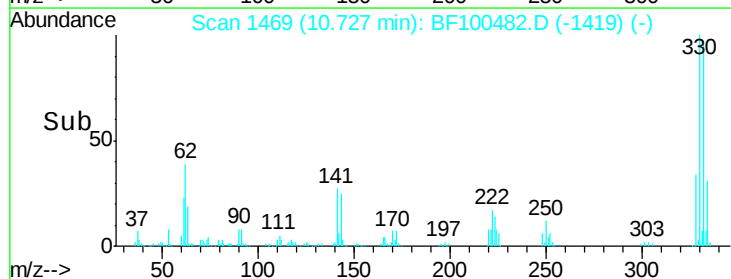
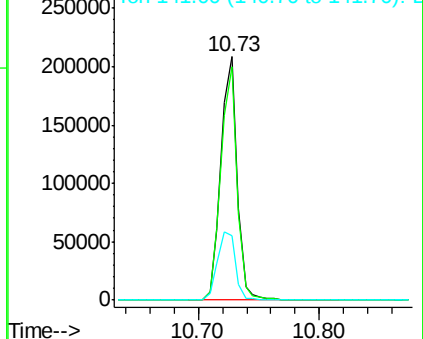
141 31.0 29.9 44.9

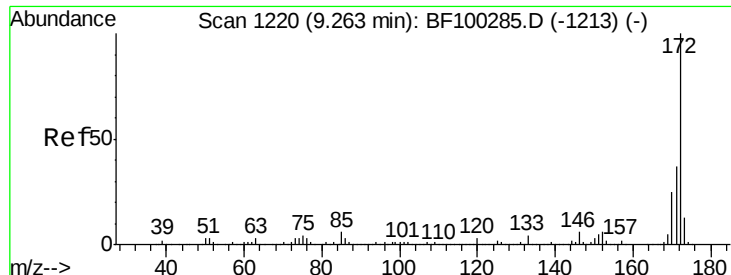


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

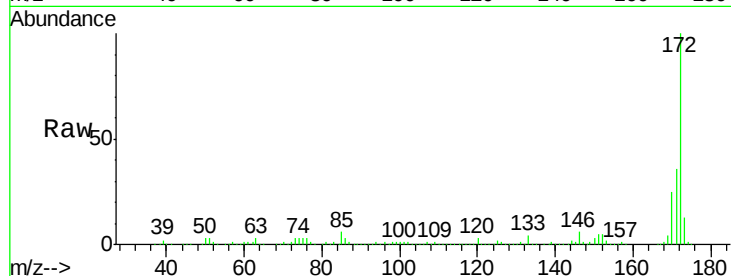




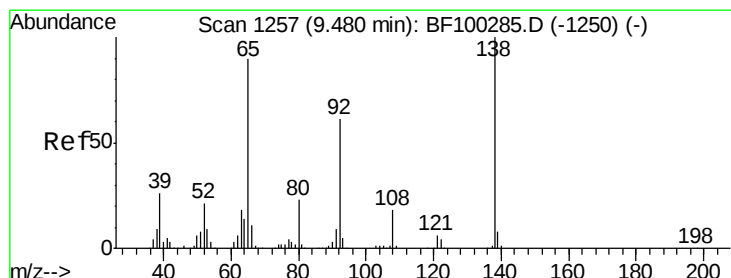
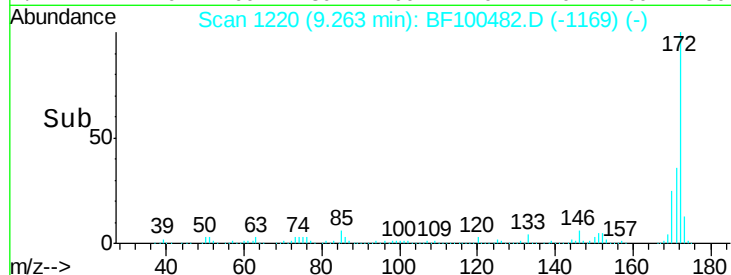
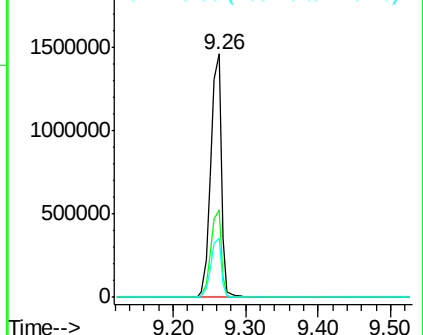
#44
 2-Fluorobiphenyl
 Concen: 104.98 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

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

Tgt Ion: 172 Resp: 1485498
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.6 19.6 29.4

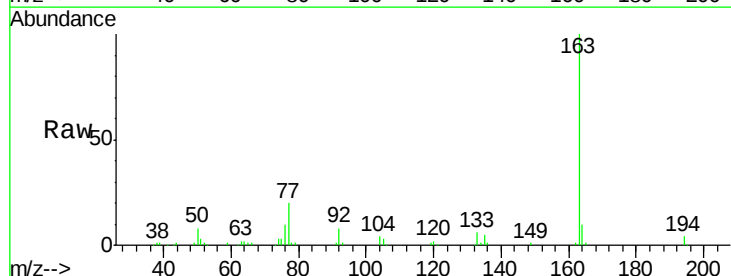


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

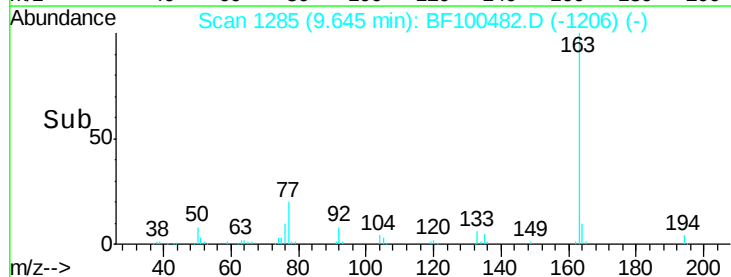
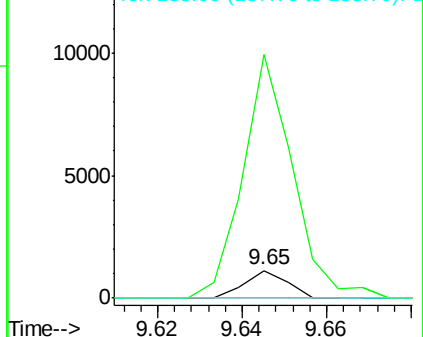


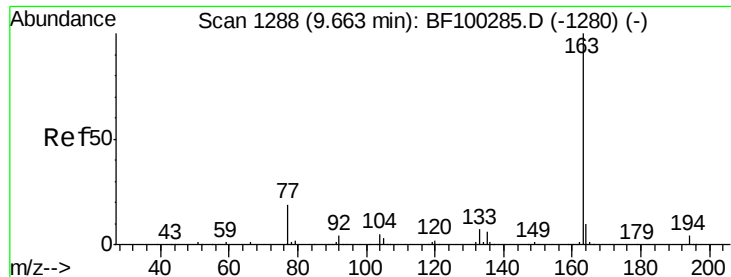
#47
 2-Nitroaniline
 Concen: 2.97 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

Tgt Ion: 65 Resp: 768
 Ion Ratio Lower Upper
 65 100
 92 879.0 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): E

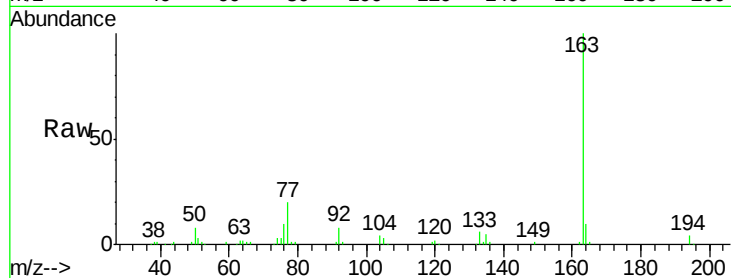




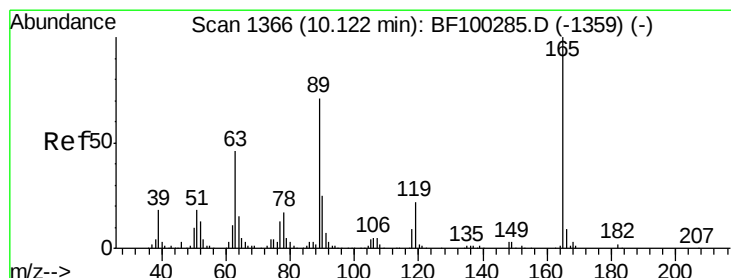
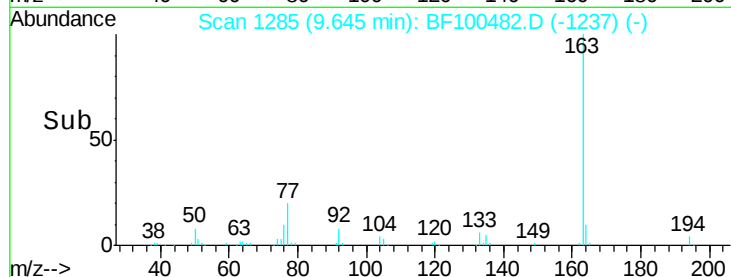
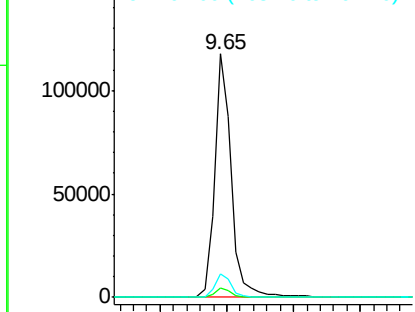
#49
Dimethylphthalate
Concen: 6.26 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

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

Tgt Ion:163 Resp: 102977
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

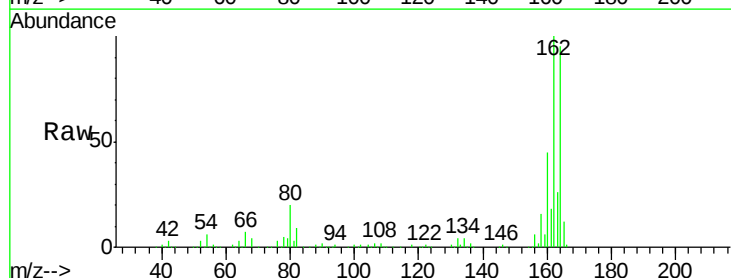


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

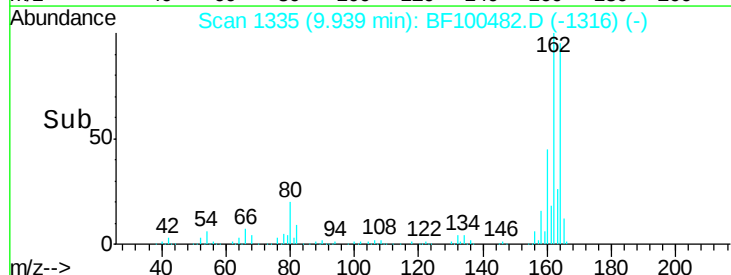
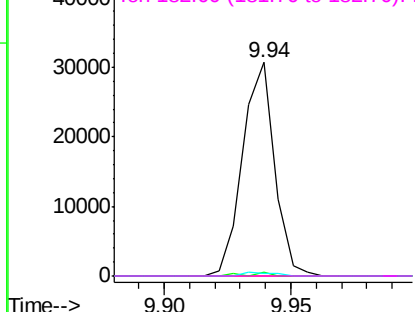


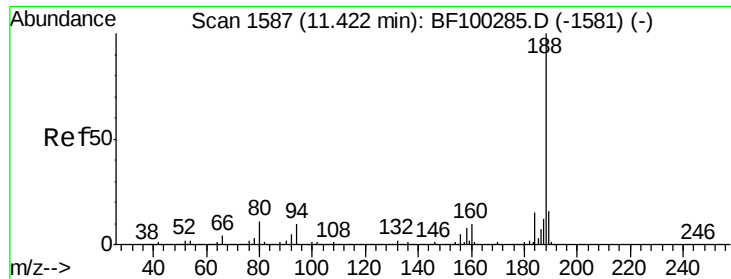
#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

Tgt Ion:165 Resp: 26937
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.1 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

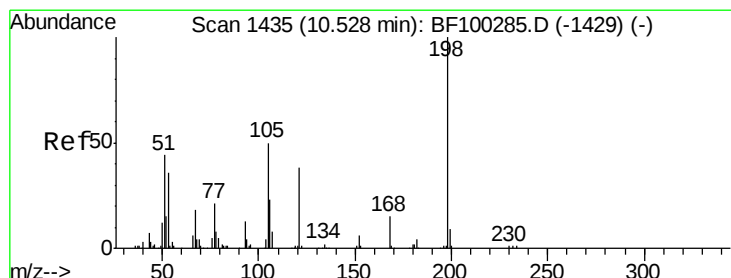
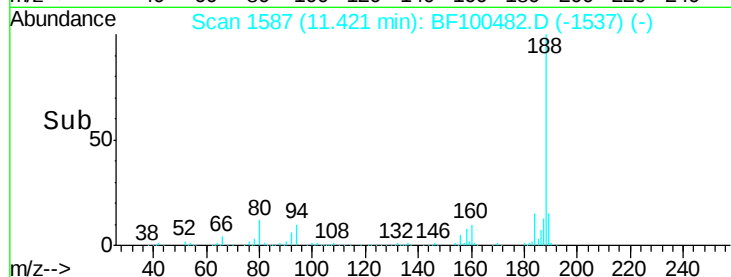
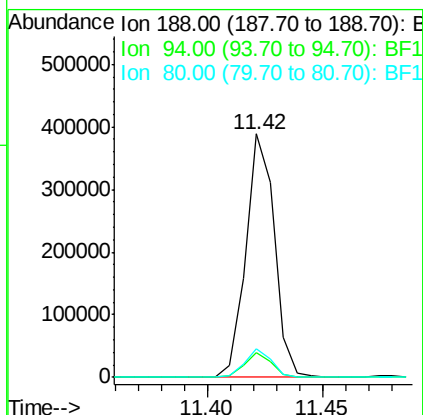
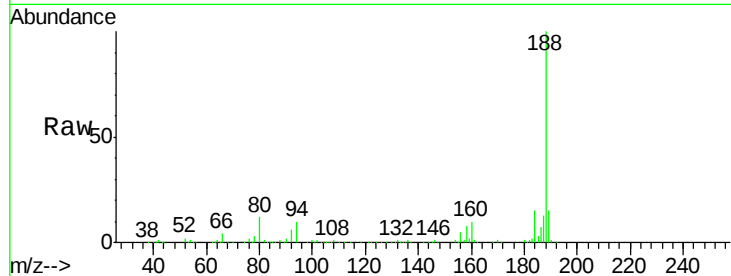




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

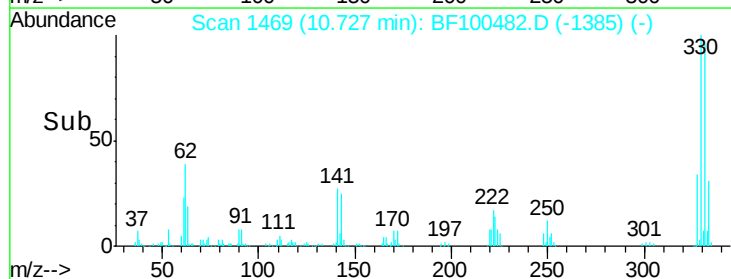
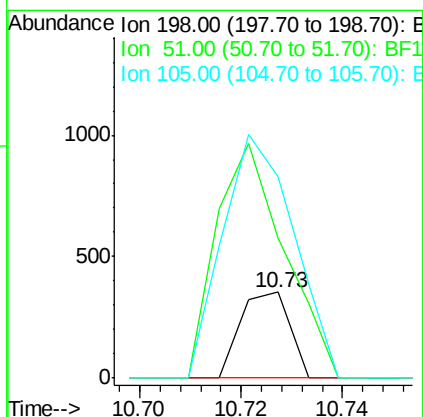
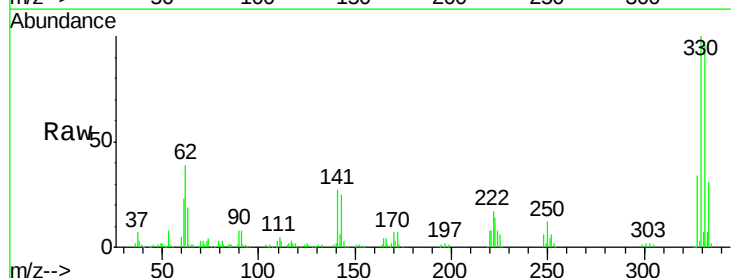
Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-U-B

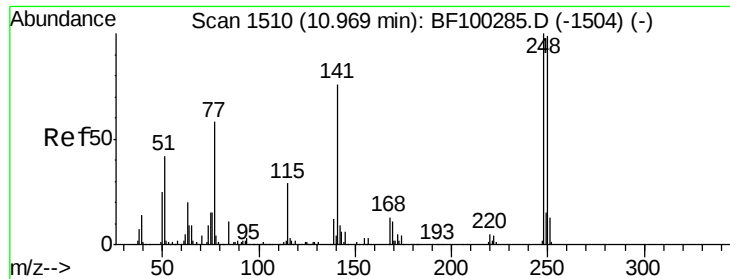
Tgt Ion:188 Resp: 337259
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100482.D
Acq: 12 Nov 2017 11:54

Tgt Ion:198 Resp: 238
Ion Ratio Lower Upper
198 100
51 163.5 37.7 77.7#
105 234.8 36.3 76.3#

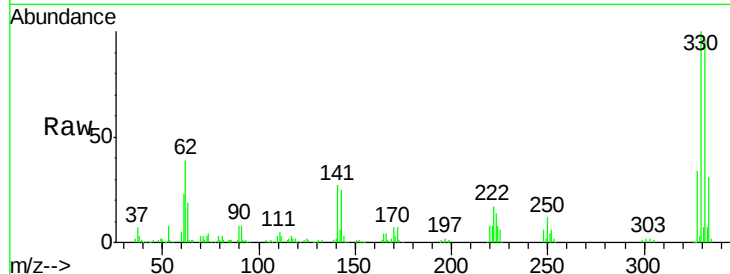




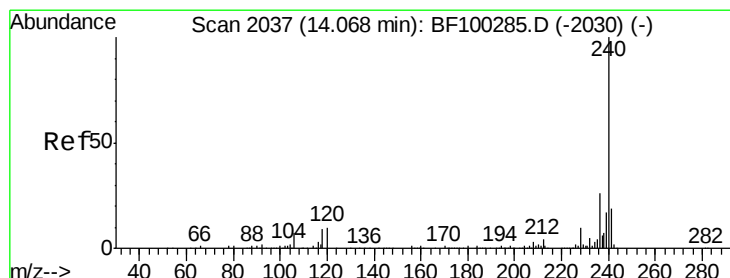
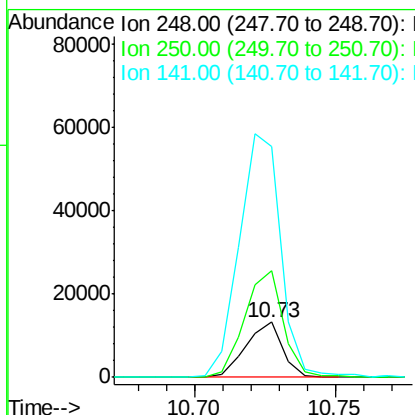
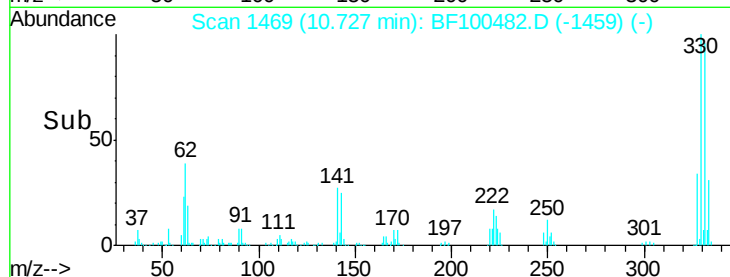
#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

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

Tgt Ion:248 Resp: 11937
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.9 115.3#
 141 417.6 74.4 111.6#

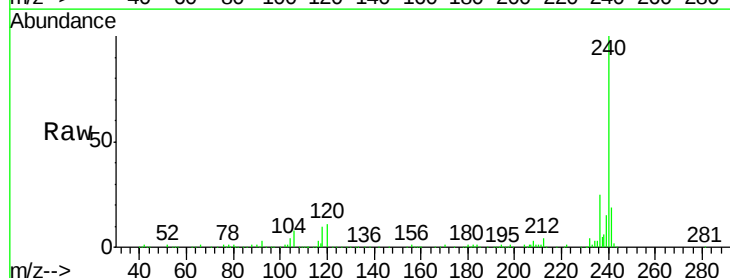


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

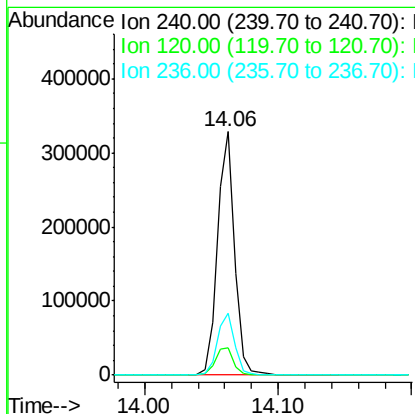
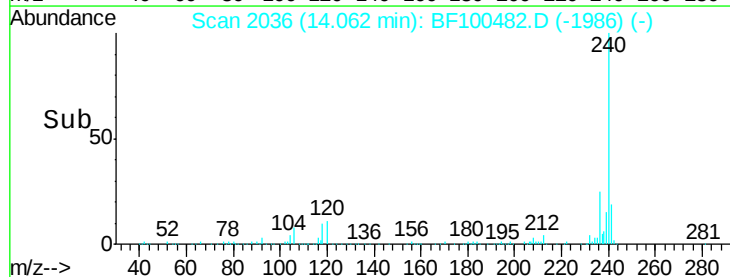


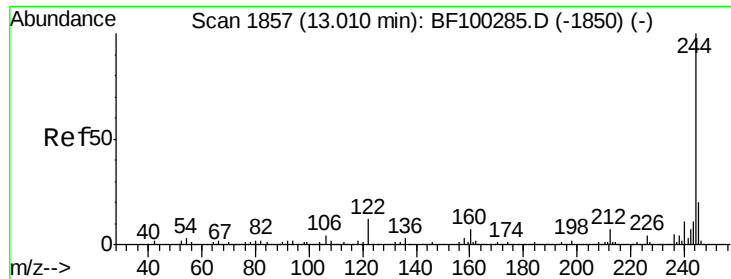
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100482.D
 Acq: 12 Nov 2017 11:54

Tgt Ion:240 Resp: 296191
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 25.2 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: 82.84 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100482.D

Acq: 12 Nov 2017 11:54

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-U-B

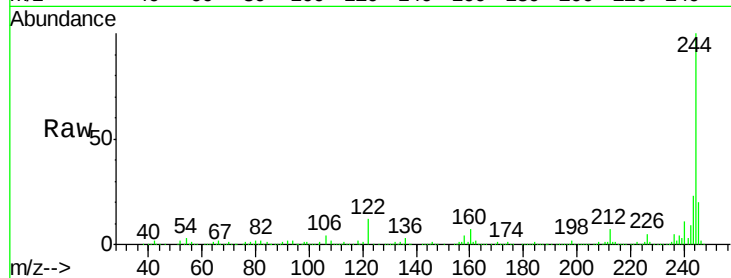
Tgt Ion:244 Resp: 1067885

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

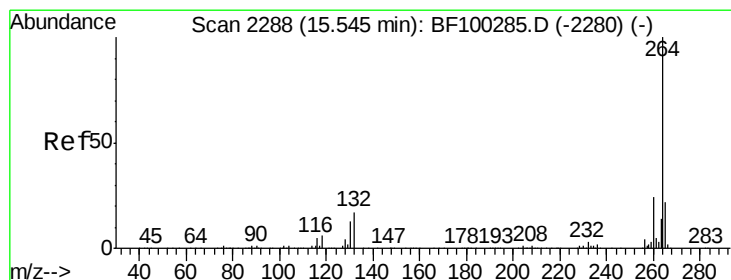
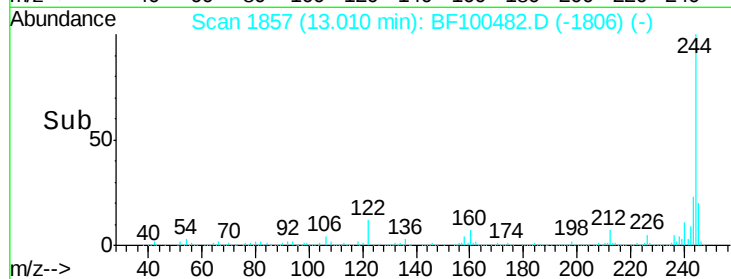
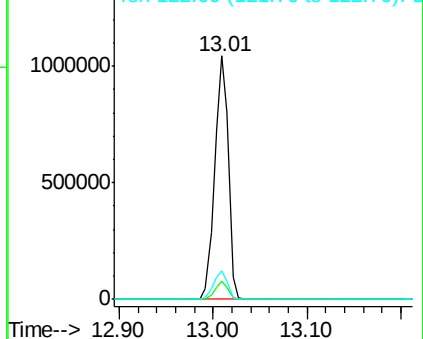
122 12.0 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100482.D

Acq: 12 Nov 2017 11:54

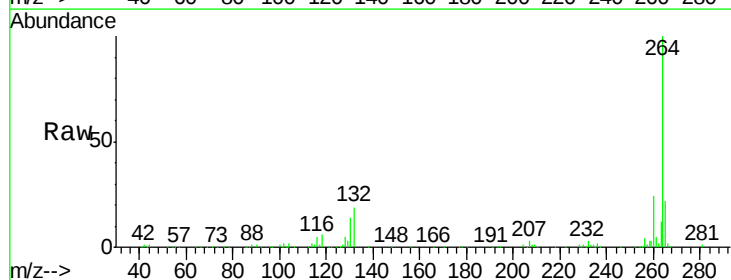
Tgt Ion:264 Resp: 207533

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 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

