

Data File : BF100465.D
Acq On : 12 Nov 2017 3:30
Operator : SJ/JU
Sample : I6369-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Nov 13 04:43:43 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	136331	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	506650	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199276	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	303692	20.00	ng	0.00
75) Chrysene-d12	14.06	240	279874	20.00	ng	0.00
86) Perylene-d12	15.54	264	198330	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	373895	43.96	ng	0.00
7) Phenol-d6	6.52	99	297515	28.37	ng	-0.01
23) Nitrobenzene-d5	7.46	82	787396	102.75	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	153413	75.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1320691	100.92	ng	0.00
78) Terphenyl-d14	13.01	244	926672	76.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	33964	3.08	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	103288	14.20	ng	# 83
25) Isophorone	7.46	82	787387	48.89	ng	# 64
47) 2-Nitroaniline	9.65	65	877	3.01	ng	# 1
49) Dimethylphthalate	9.65	163	86621	5.69	ng	99
50) 2,6-Dinitrotoluene	9.94	165	25233	8.38	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	25233	6.64	ng	# 23
62) Azobenzene	10.65	77	54140	3.78	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	118	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	10327	3.17	ng	# 1

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

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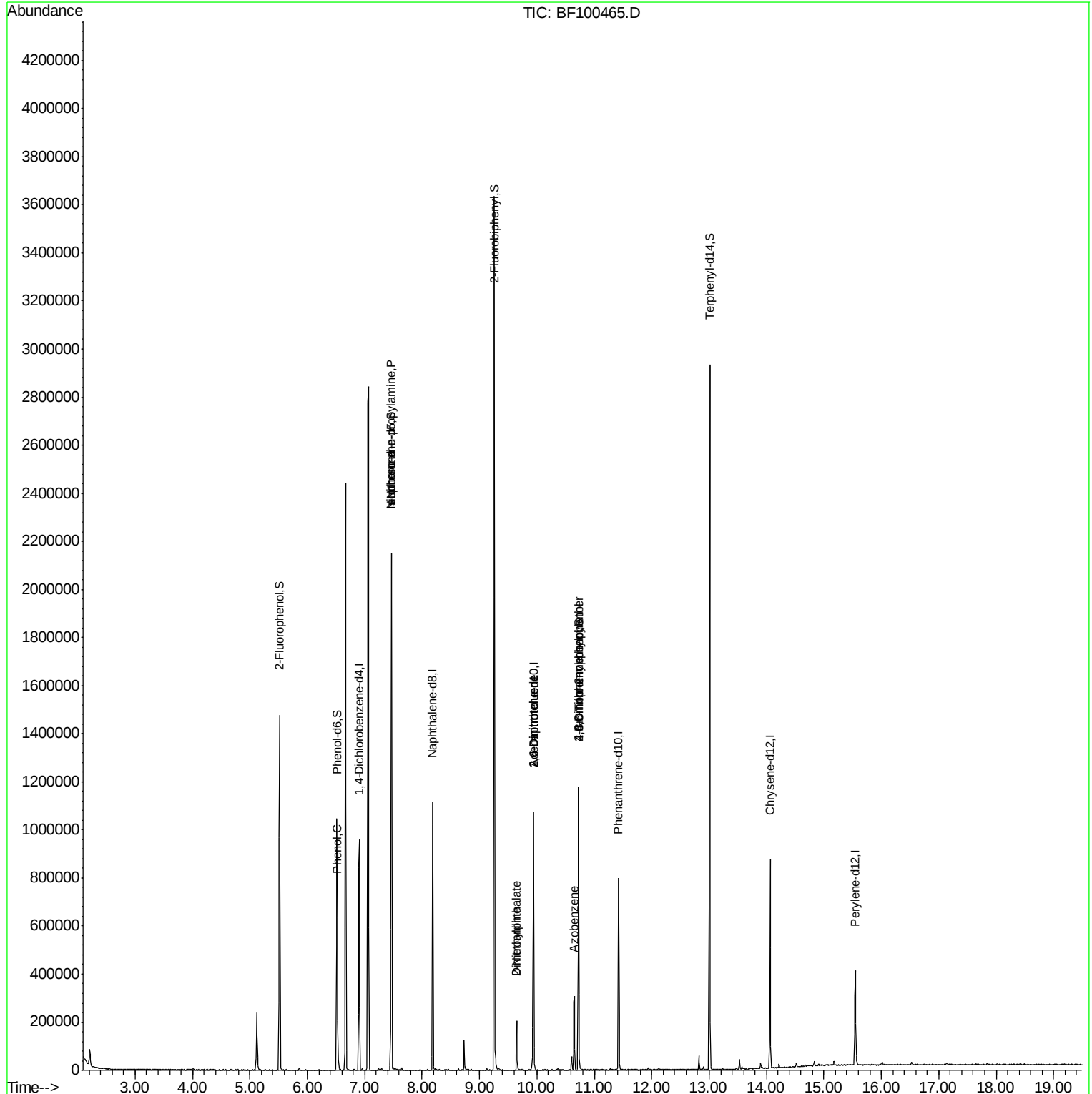
Quant Time: Nov 13 04:43:43 2017

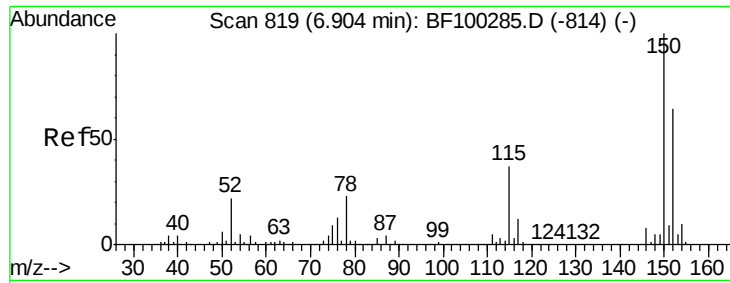
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100465.D

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Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

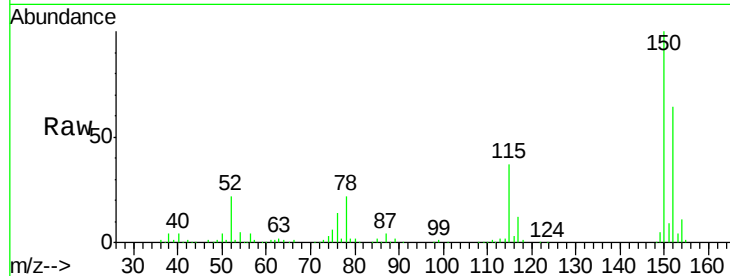
Tgt Ion:152 Resp: 136331

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

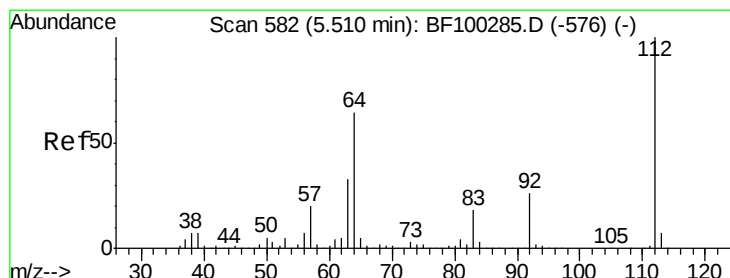
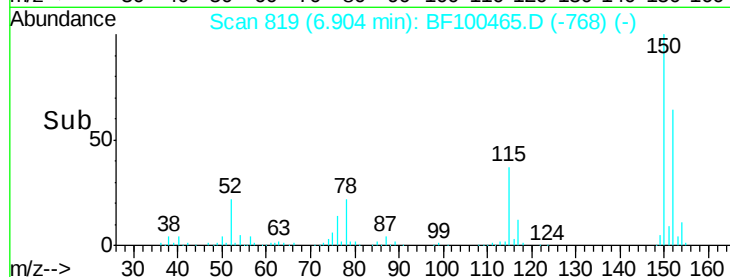
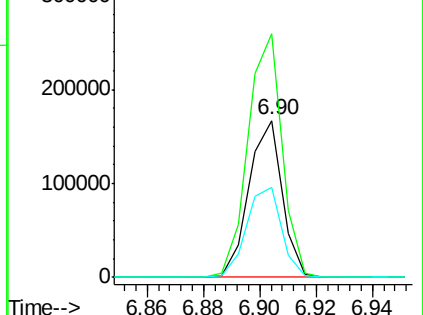
115 57.4 50.1 75.1



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: 43.96 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

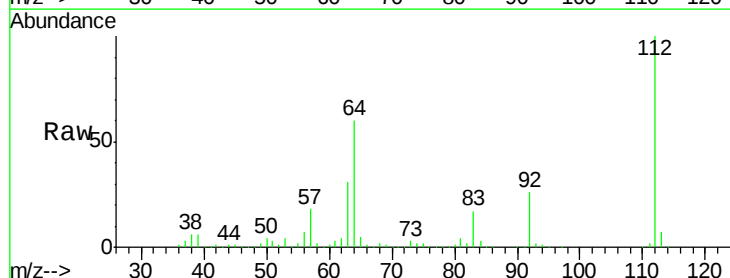
Tgt Ion:112 Resp: 373895

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

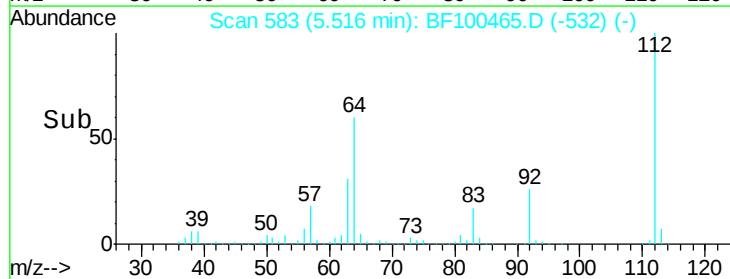
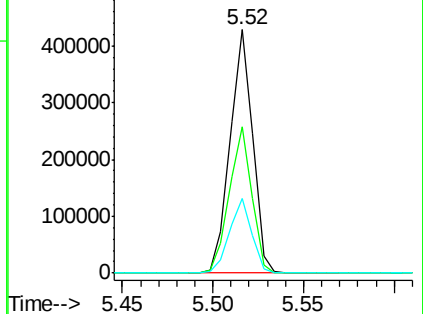
63 30.5 23.7 35.5



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: 28.37 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

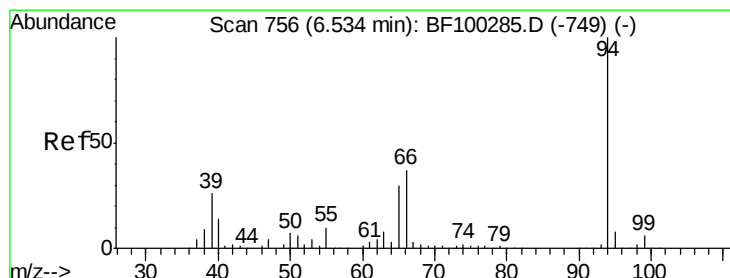
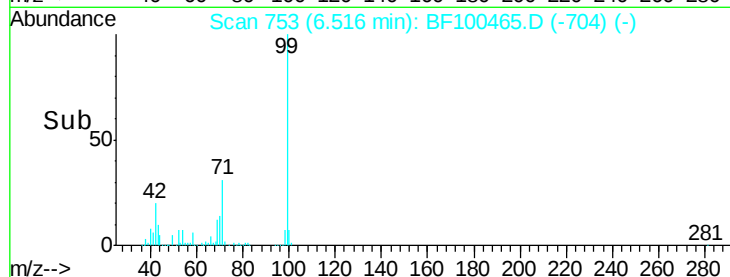
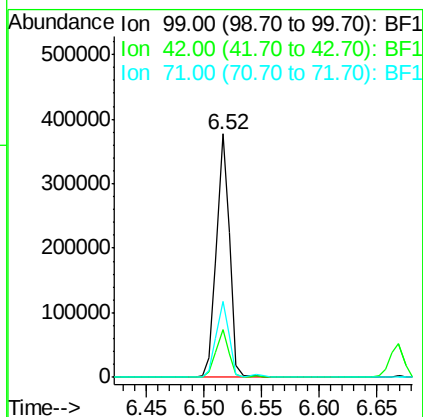
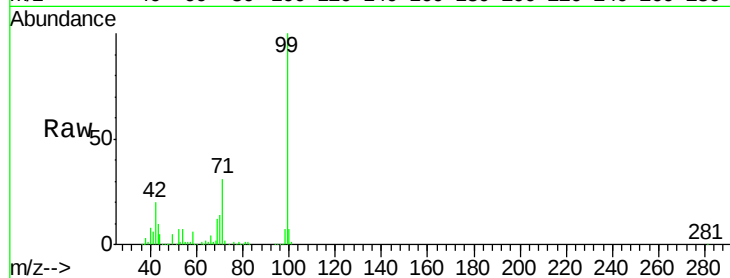
Tgt Ion: 99 Resp: 297515

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 31.2 25.4 38.0



#10

Phenol

Concen: 3.08 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

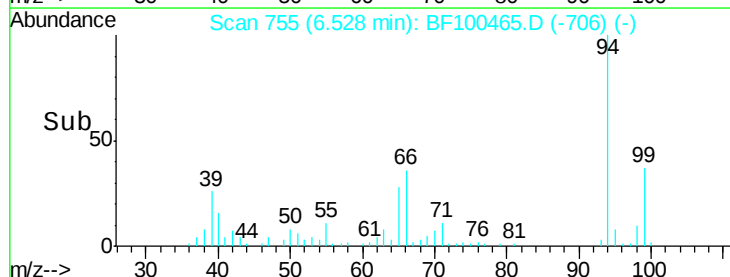
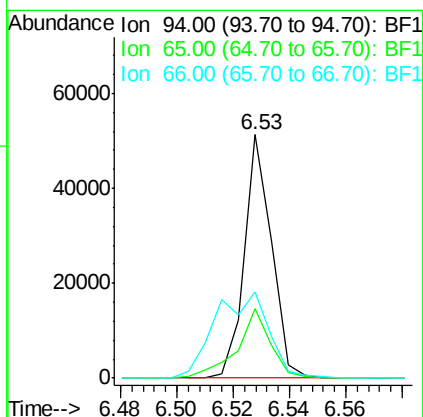
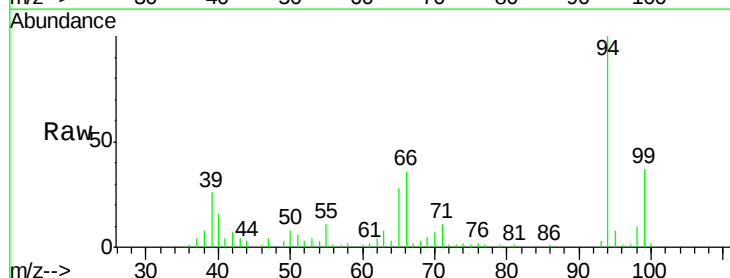
Tgt Ion: 94 Resp: 33964

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 35.5 16.2 56.2

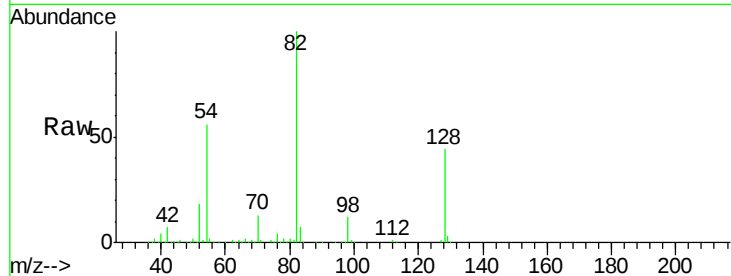




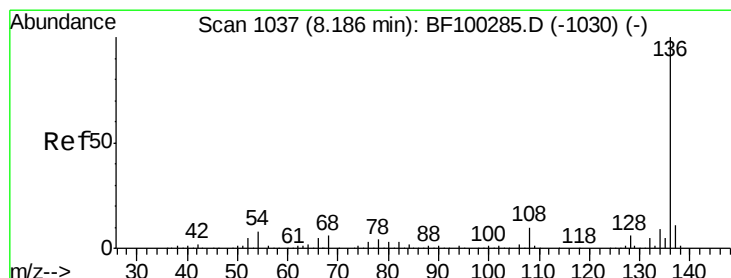
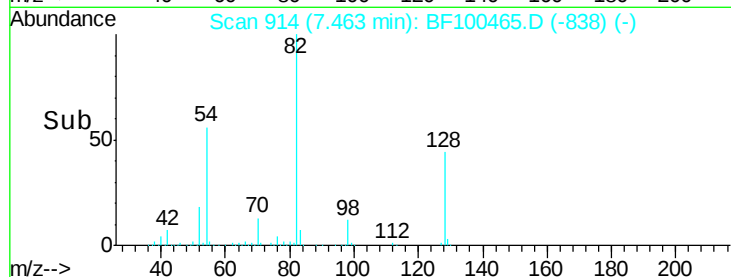
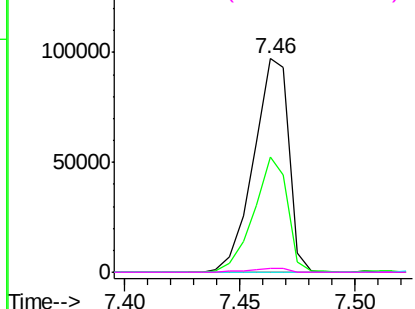
#19
n-Nitroso-di-n-propylamine
Concen: 14.20 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

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

Tgt Ion: 70 Resp: 103288
Ion Ratio Lower Upper
70 100
42 53.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.6 16.6 25.0#



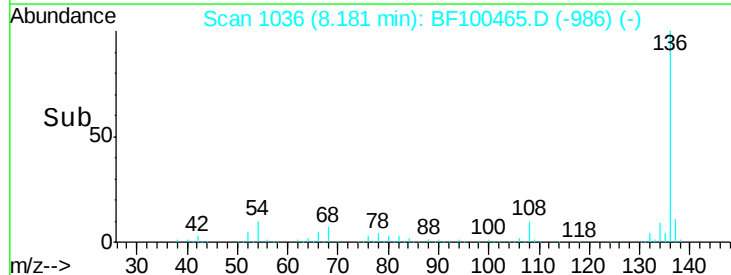
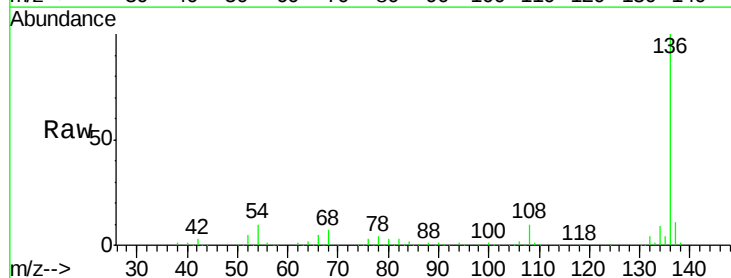
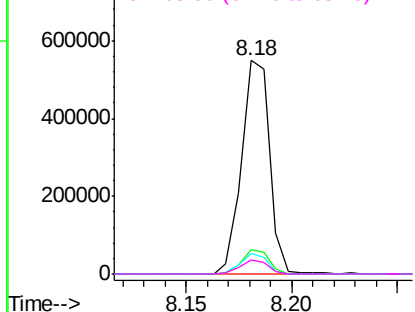
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

Tgt Ion: 136 Resp: 506650
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.7 6.6 9.8
68 6.9 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

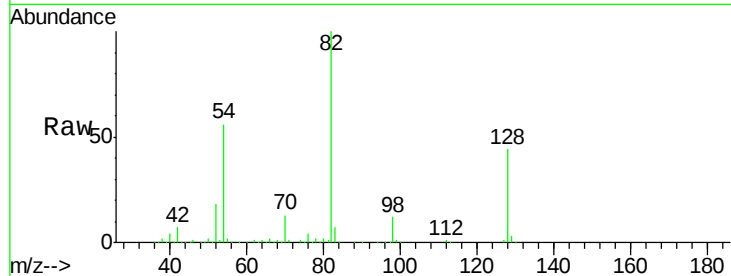




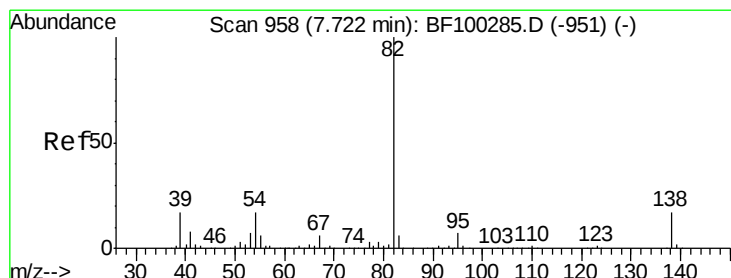
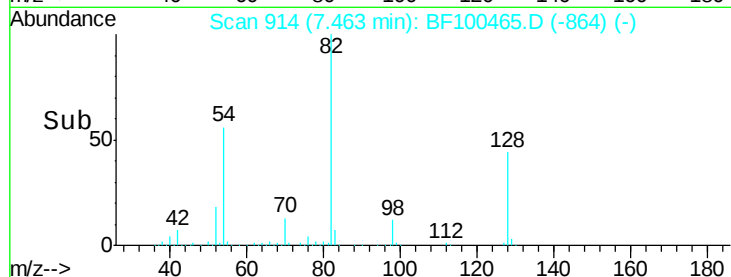
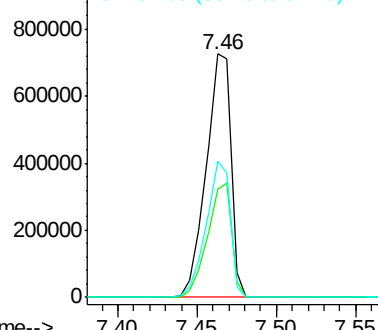
#23
Nitrobenzene-d5
Concen: 102.75 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	55.8	41.4	62.2

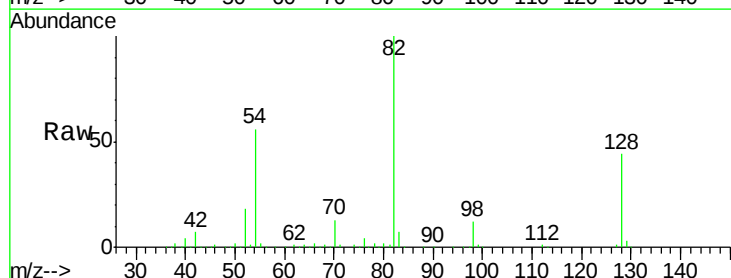


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

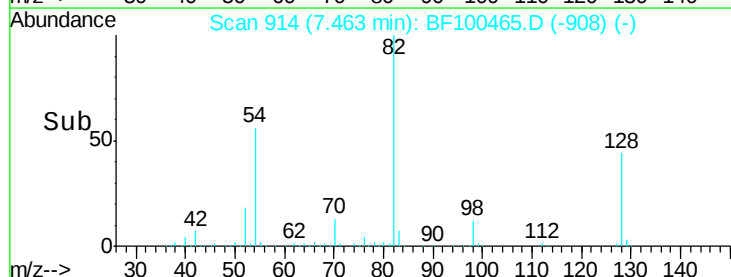
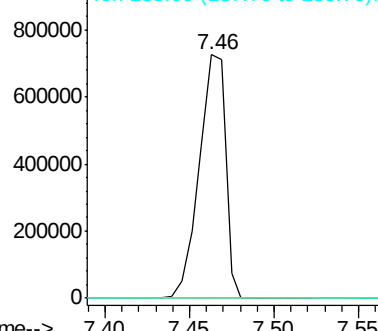


#25
Isophorone
Concen: 48.89 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

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

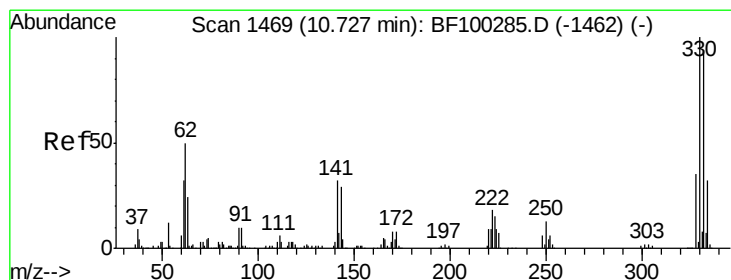
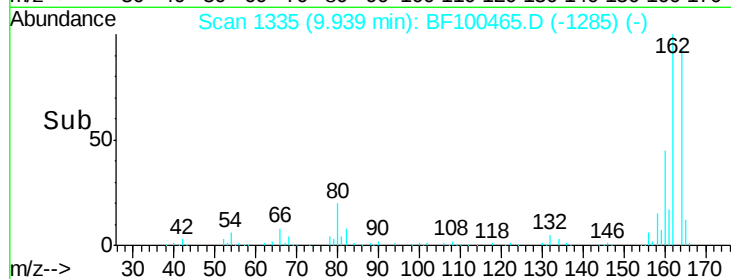
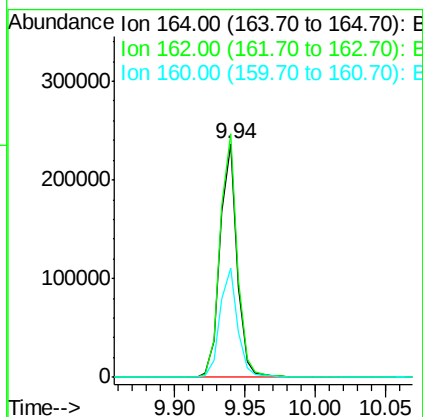
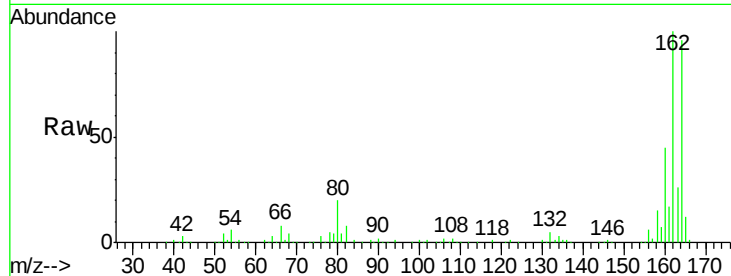




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

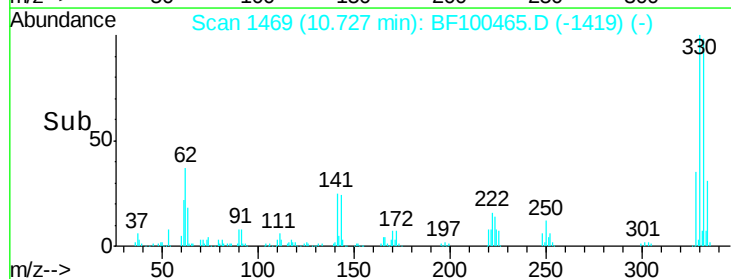
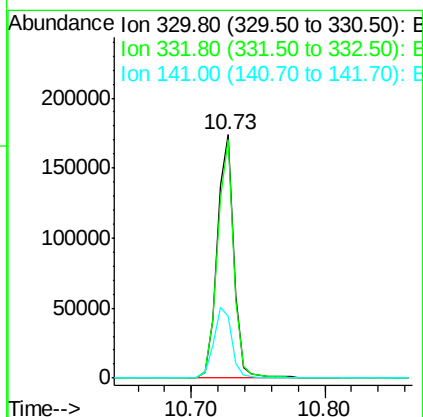
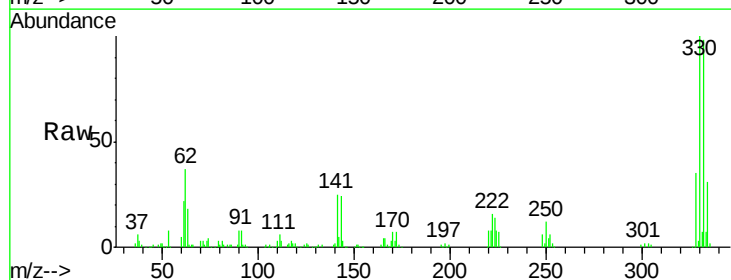
Instrument :
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 110617-SIDI-F-U-S

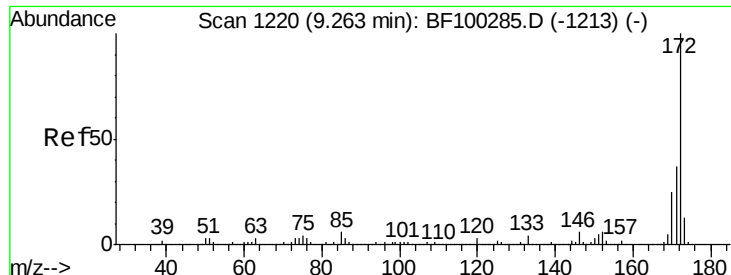
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 75.55 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.4	29.9	44.9

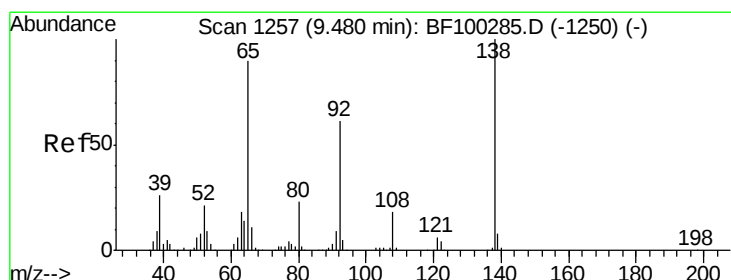
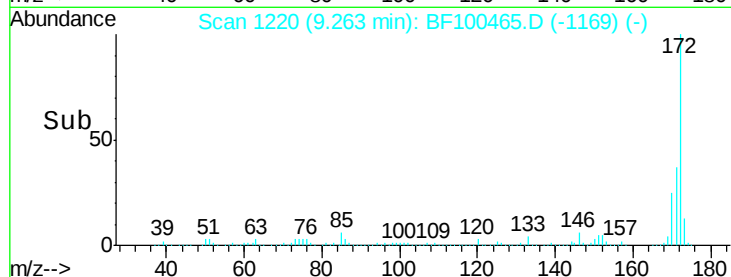
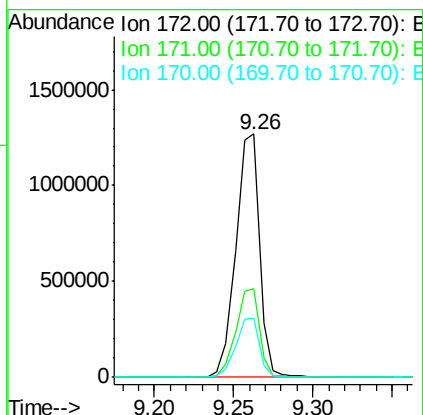
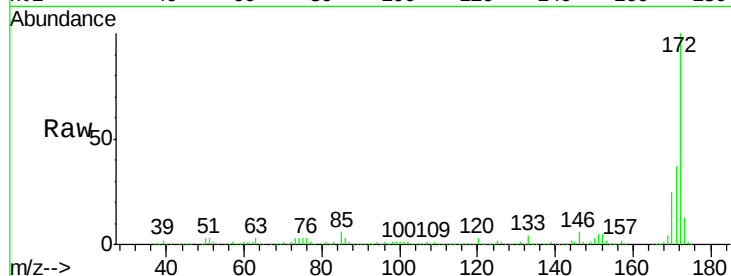




#44
 2-Fluorobiphenyl
 Concen: 100.92 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

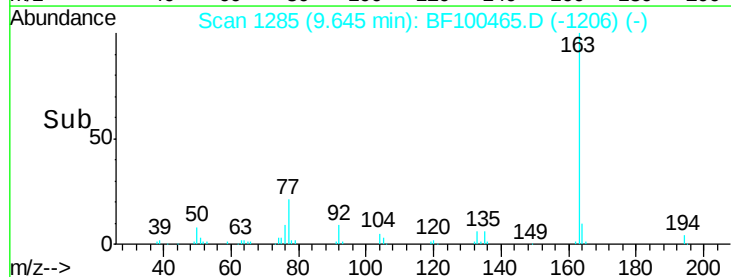
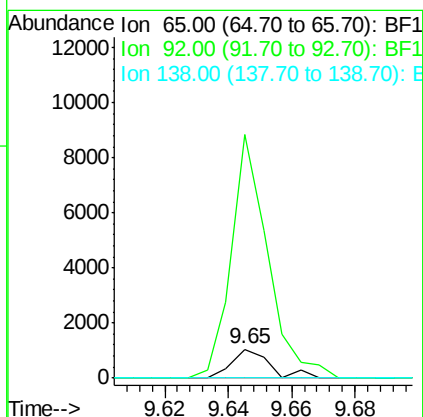
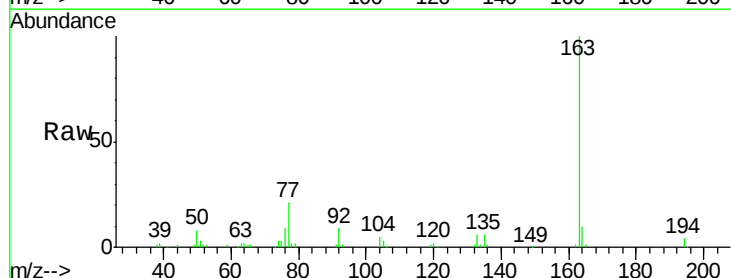
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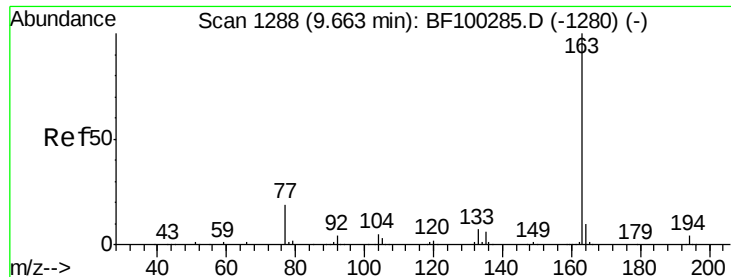
Tgt Ion: 172 Resp: 1320691
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.01 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

Tgt Ion: 65 Resp: 877
 Ion Ratio Lower Upper
 65 100
 92 845.6 55.8 83.6#
 138 0.0 91.2 136.8#

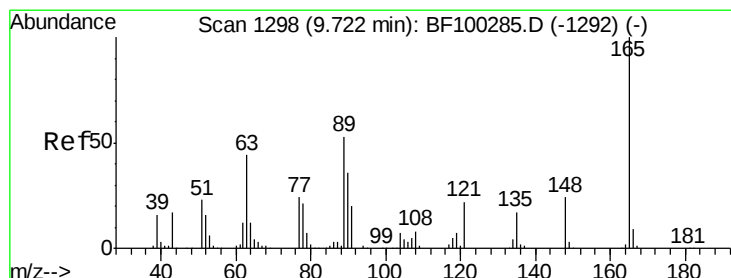
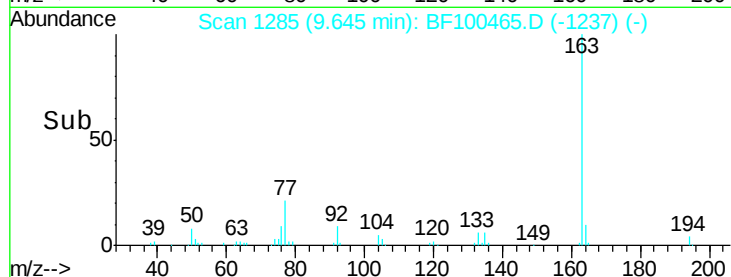
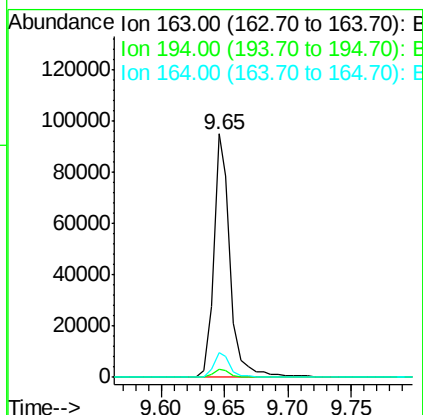
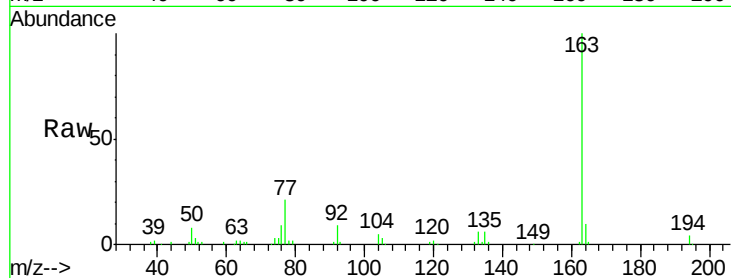




#49
Dimethylphthalate
Concen: 5.69 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

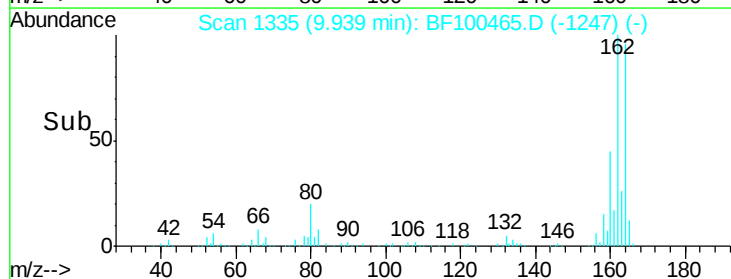
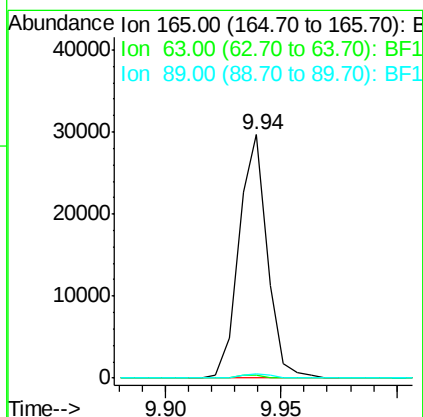
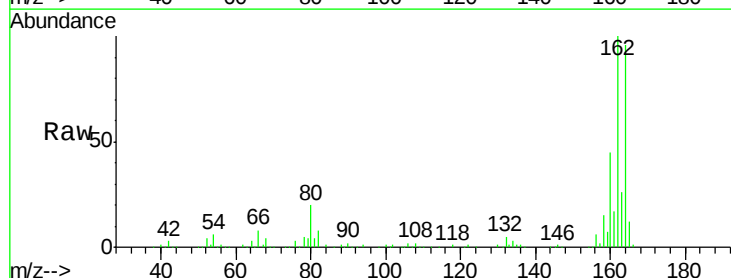
Instrument :
BNA_F
ClientSampleId :
110617-SIDI-F-U-S

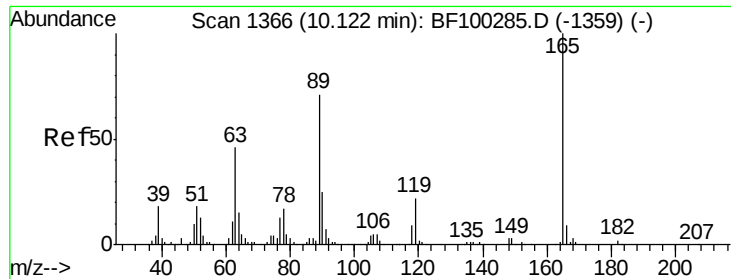
Tgt Ion:163 Resp: 86621
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

Tgt Ion:165 Resp: 25233
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.5 44.0 66.0#

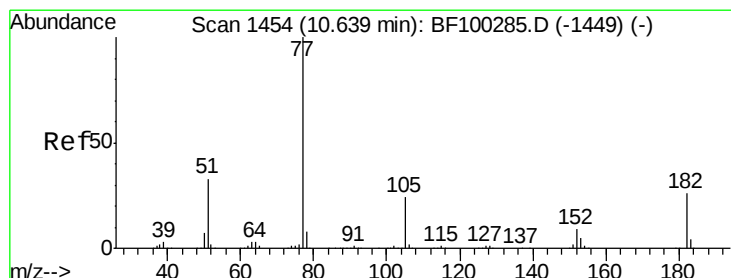
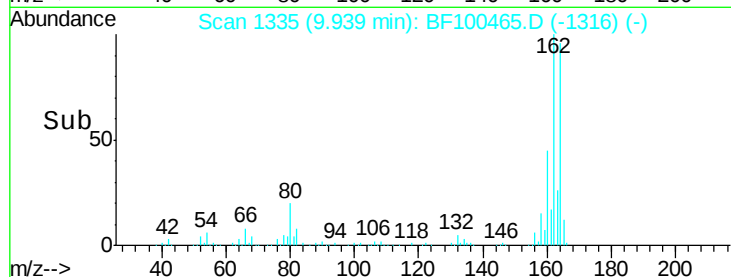
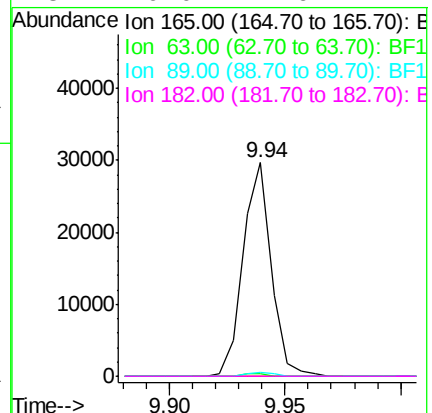
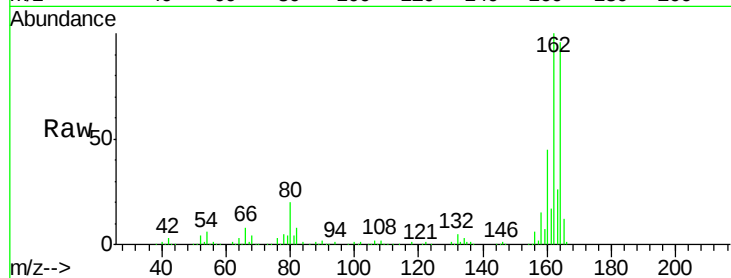




#56
 2,4-Dinitrotoluene
 Concen: 6.64 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

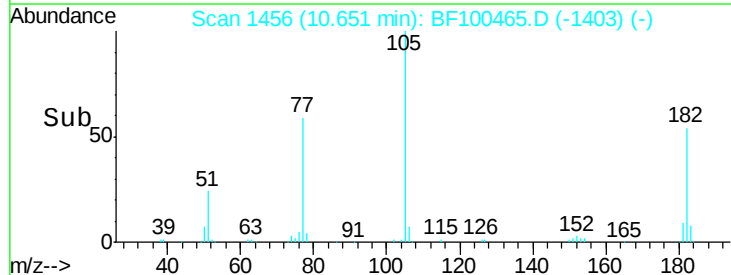
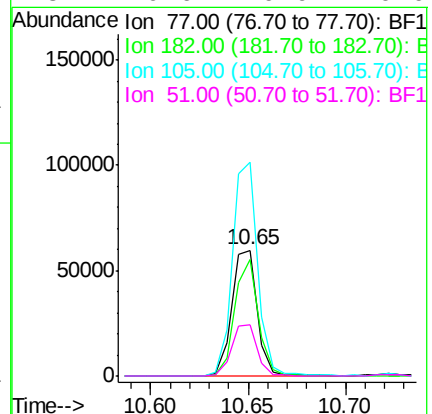
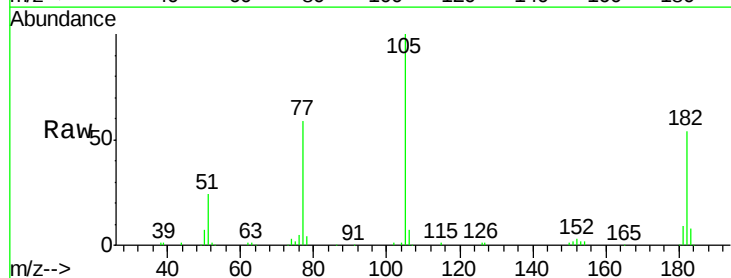
Instrument :
 BNA_F
 ClientSampleId :
 110617-SIDI-F-U-S

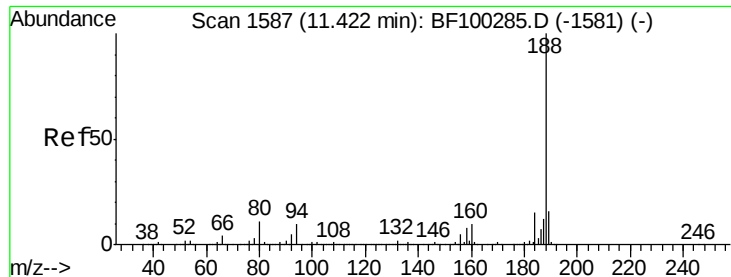
Tgt Ion:	165	Resp:	25233
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 3.78 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100465.D
 Acq: 12 Nov 2017 3:30

Tgt Ion:	77	Resp:	54140
Ion Ratio	Lower	Upper	
77	100		
182	92.6	1.7	41.7#
105	170.2	3.0	43.0#
51	40.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

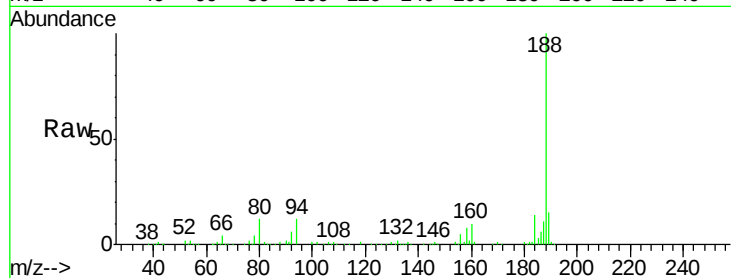
Tgt Ion:188 Resp: 303692

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

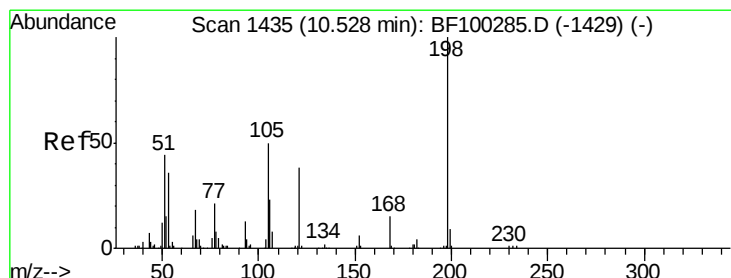
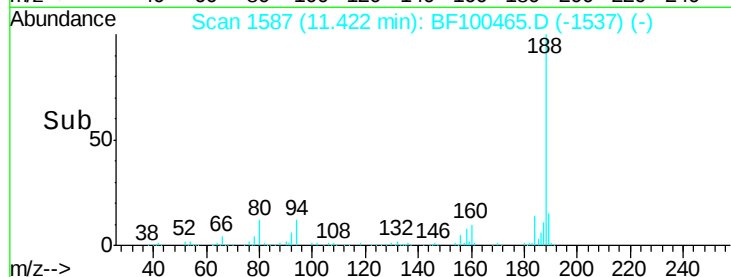
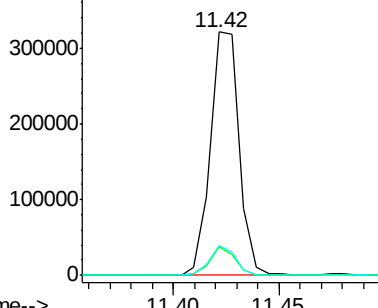
80 12.1 9.2 13.8



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: 8.63 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

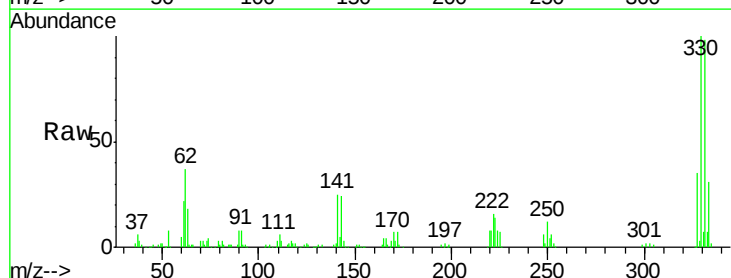
Tgt Ion:198 Resp: 118

Ion Ratio Lower Upper

198 100

51 142.5 37.7 77.7#

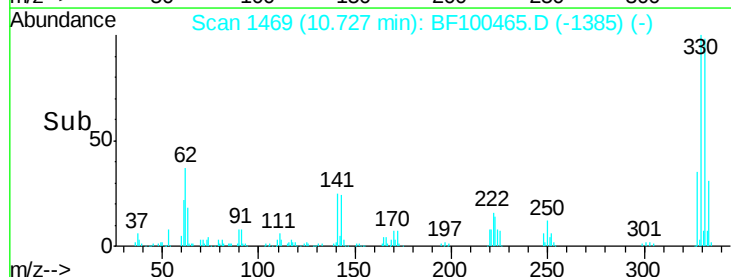
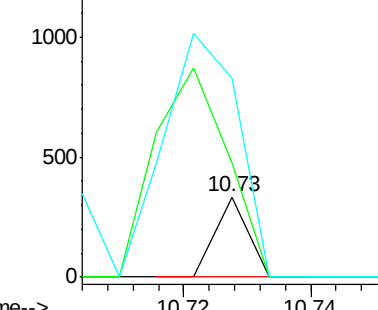
105 248.8 36.3 76.3#

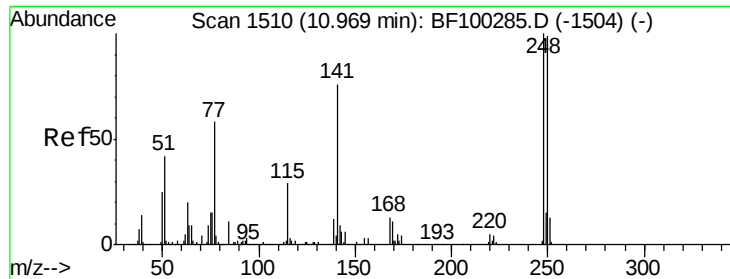


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

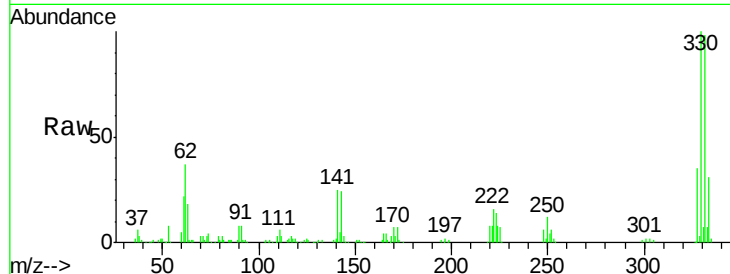




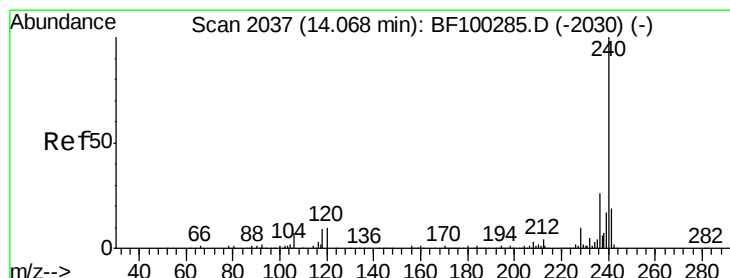
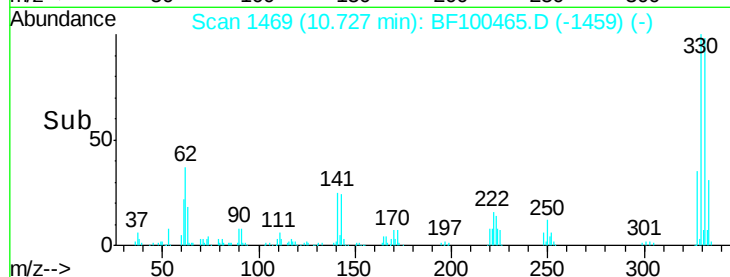
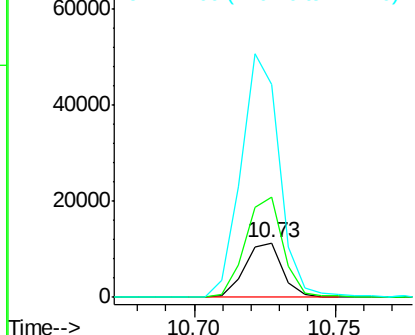
#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

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

Tgt Ion:248 Resp: 10327
Ion Ratio Lower Upper
248 100
250 185.1 76.9 115.3#
141 391.5 74.4 111.6#

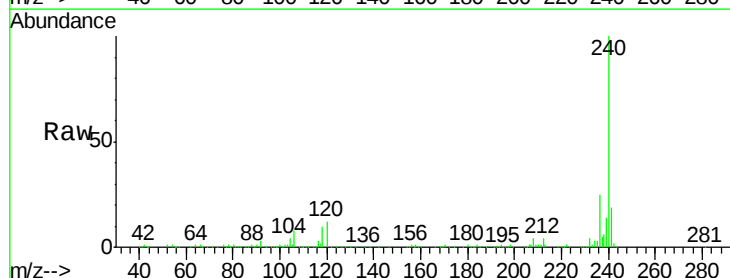


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

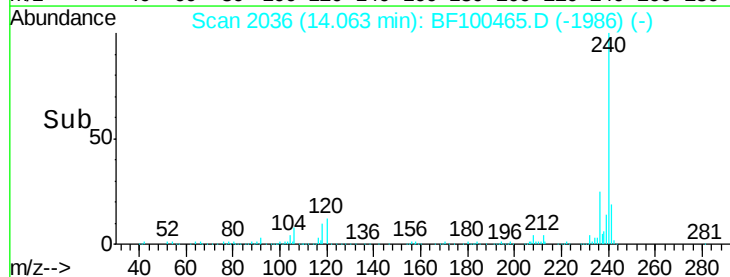
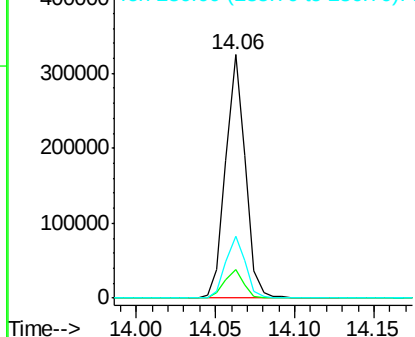


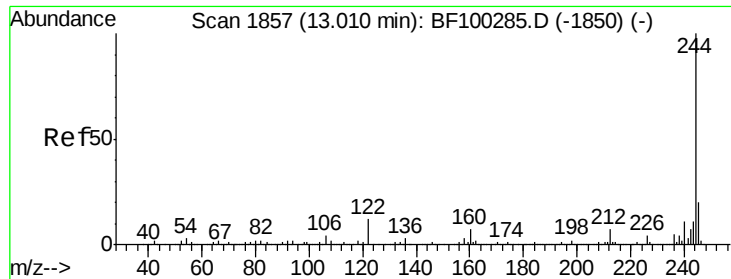
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100465.D
Acq: 12 Nov 2017 3:30

Tgt Ion:240 Resp: 279874
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.4 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: 76.08 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100465.D

Acq: 12 Nov 2017 3:30

Instrument :

BNA_F

ClientSampleId :

110617-SIDI-F-U-S

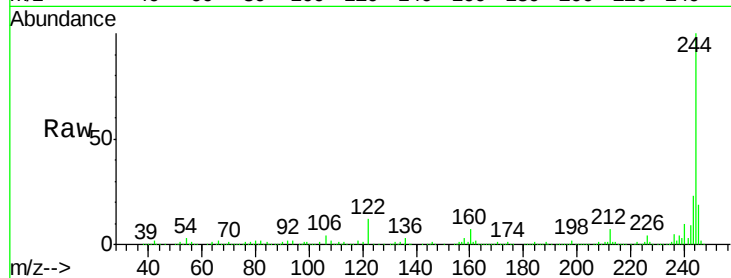
Tgt Ion:244 Resp: 926672

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

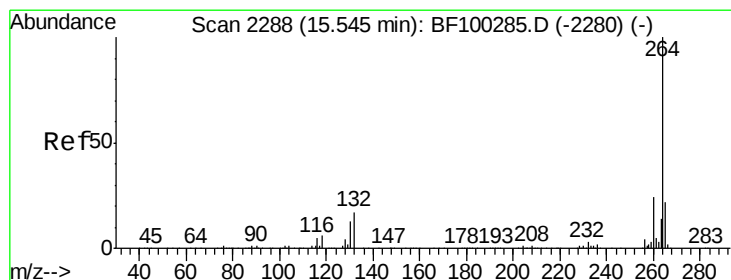
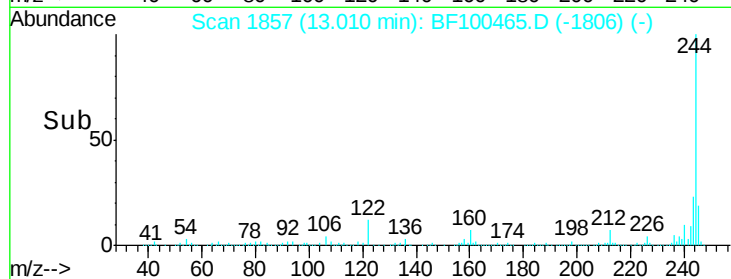
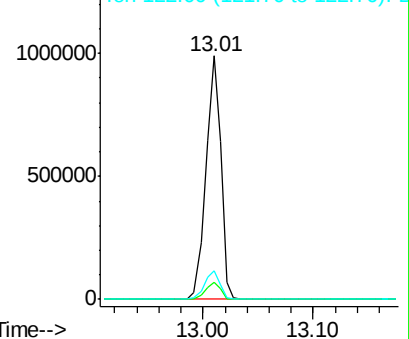
122 11.6 11.0 16.4



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: BF100465.D

Acq: 12 Nov 2017 3:30

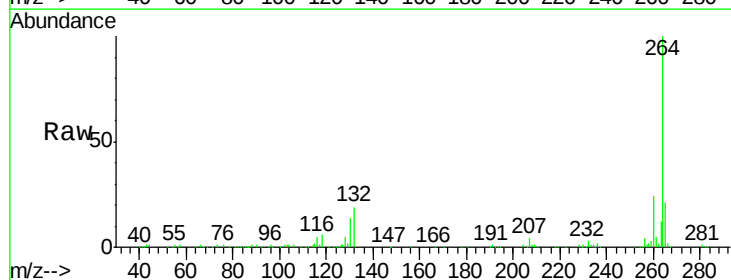
Tgt Ion:264 Resp: 198330

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 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

