

Data File : BF100478.D
Acq On : 12 Nov 2017 9:15
Operator : SJ/JU
Sample : I6402-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Nov 13 04:49:45 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	138227	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	501693	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	202929	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	308722	20.00	ng	0.00
75) Chrysene-d12	14.06	240	272054	20.00	ng	0.00
86) Perylene-d12	15.54	264	194263	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	425177	49.31	ng	0.00
7) Phenol-d6	6.52	99	331802	31.20	ng	-0.01
23) Nitrobenzene-d5	7.47	82	885409	116.68	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	180471	87.27	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1463942	109.85	ng	0.00
78) Terphenyl-d14	13.01	244	1033563	87.29	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	119017	16.14	ng	# 82
25) Isophorone	7.47	82	885391	55.52	ng	# 64
47) 2-Nitroaniline	9.65	65	121	2.81	ng	# 1
49) Dimethylphthalate	9.65	163	34286	2.21	ng	97
50) 2,6-Dinitrotoluene	9.94	165	26112	8.51	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	26112	6.75	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	276	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11268	3.40	ng	# 1

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

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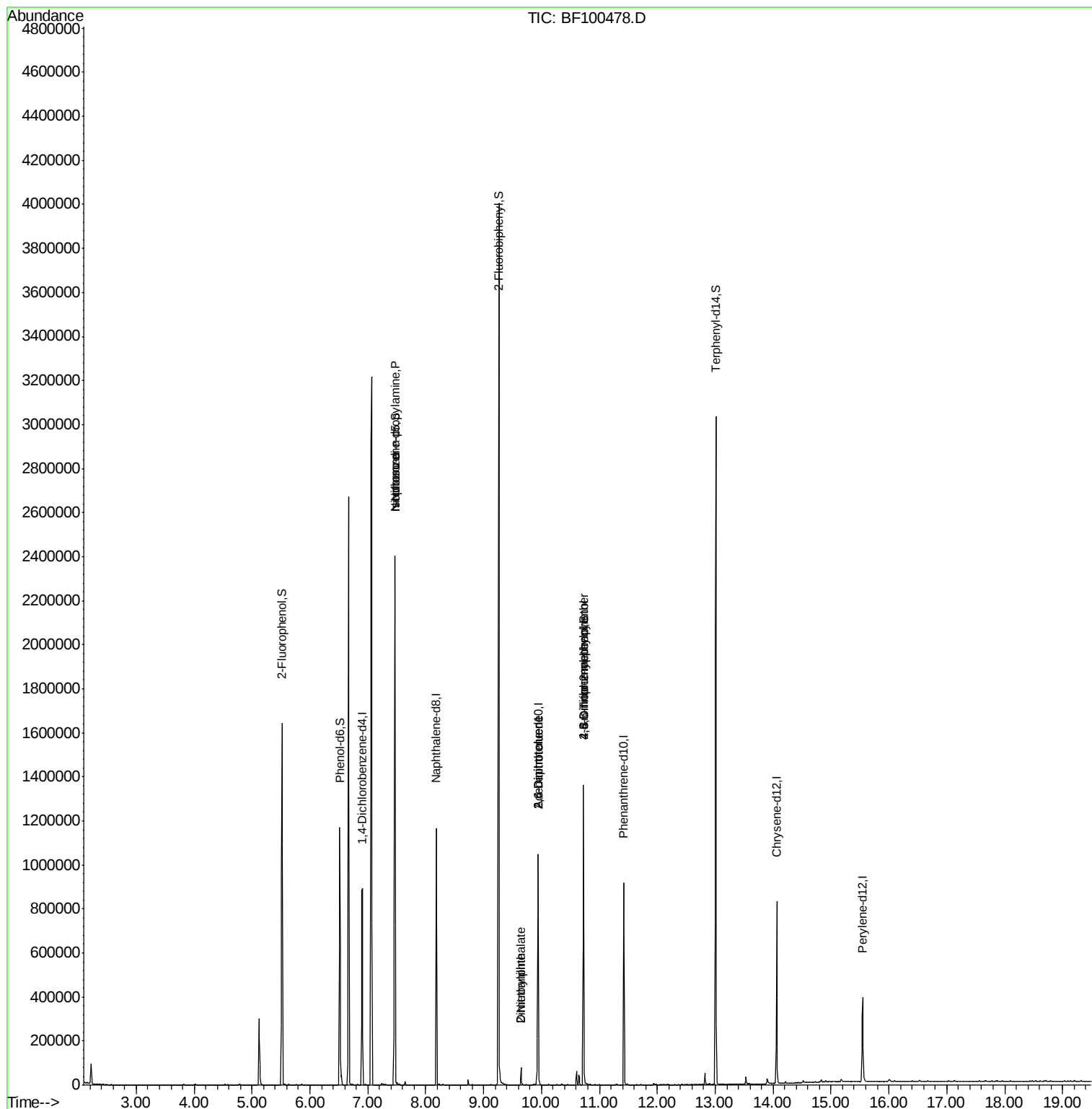
Quant Time: Nov 13 04:49:45 2017

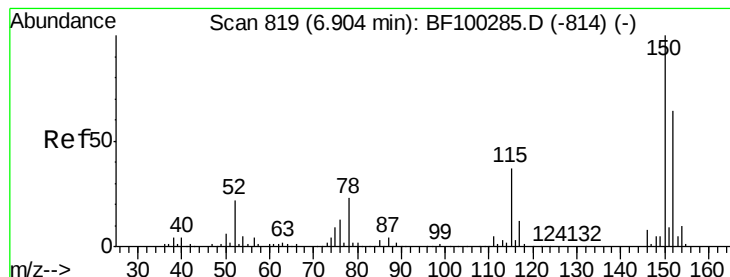
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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

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BNA_F

ClientSampleId :

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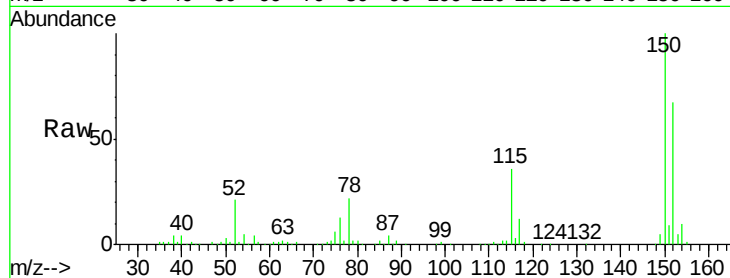
Tgt Ion:152 Resp: 138227

Ion Ratio Lower Upper

152 100

150 150.3 124.6 186.8

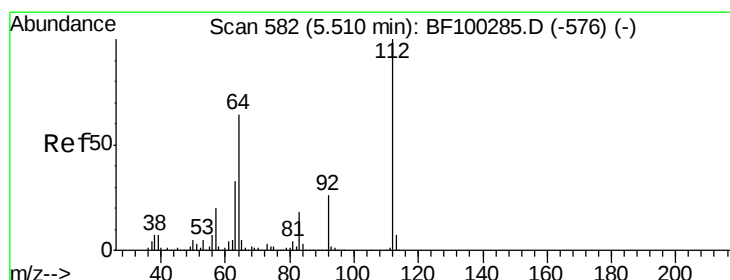
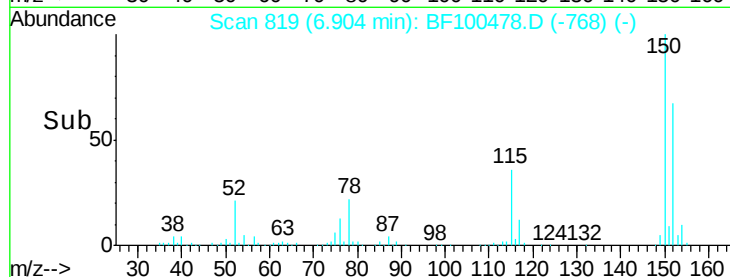
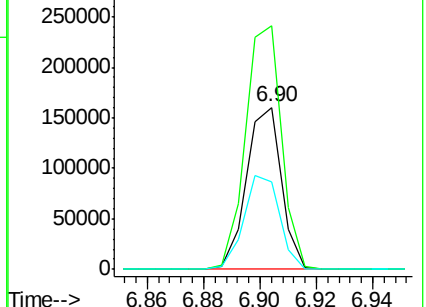
115 53.9 50.1 75.1



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: 49.31 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

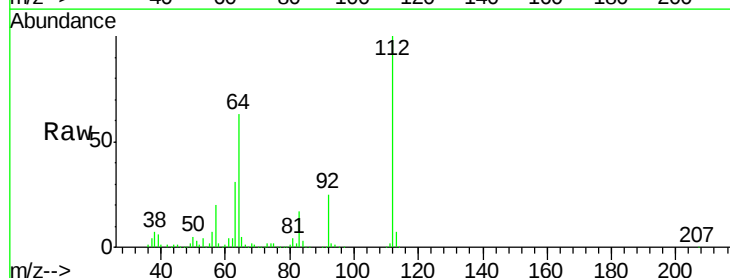
Tgt Ion:112 Resp: 425177

Ion Ratio Lower Upper

112 100

64 62.8 47.9 71.9

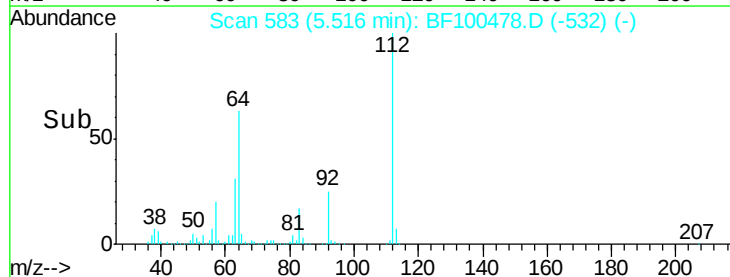
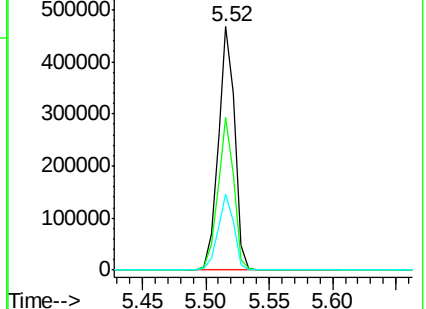
63 31.1 23.7 35.5

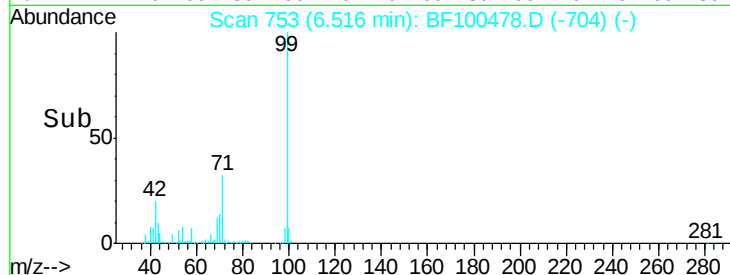
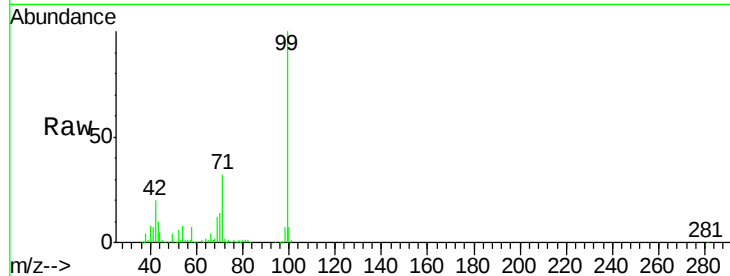


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.20 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Instrument :

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110717-SIDI-F-D-B

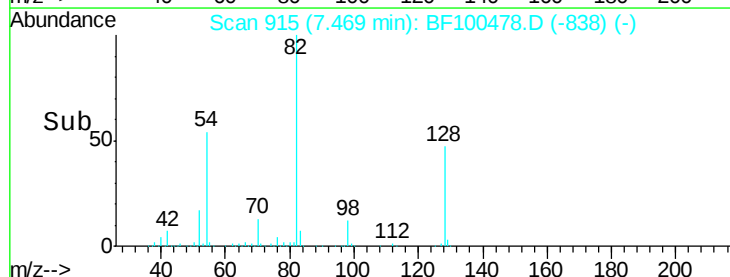
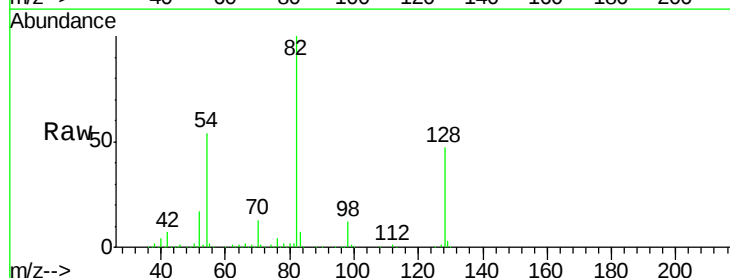
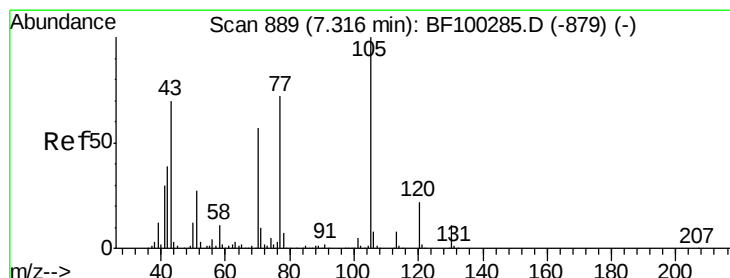
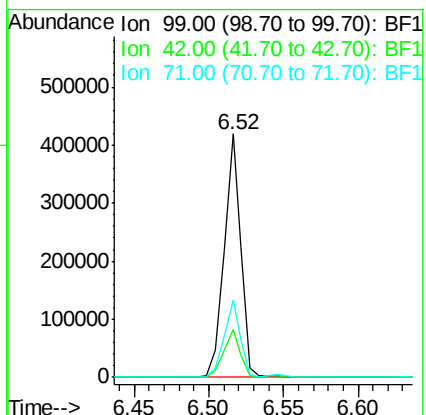
Tgt Ion: 99 Resp: 331802

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.14 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Tgt Ion: 70 Resp: 119017

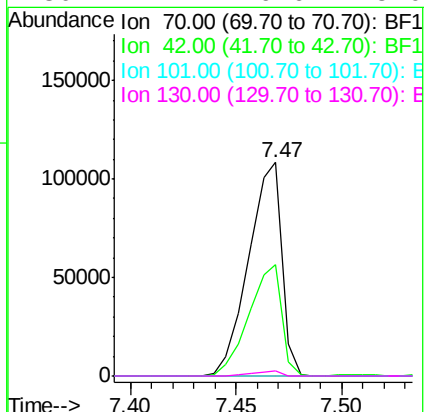
Ion Ratio Lower Upper

70 100

42 52.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

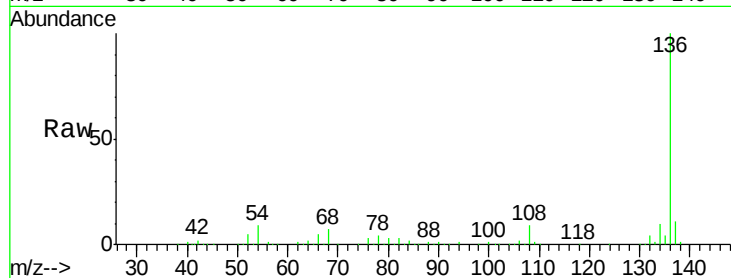




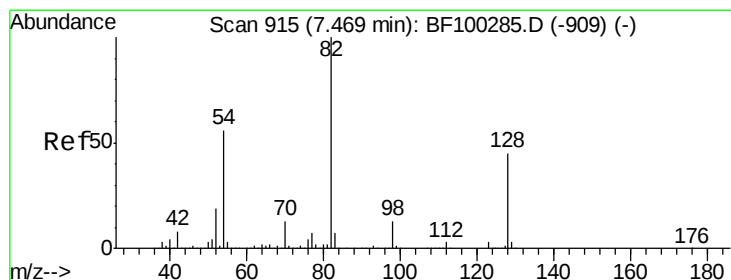
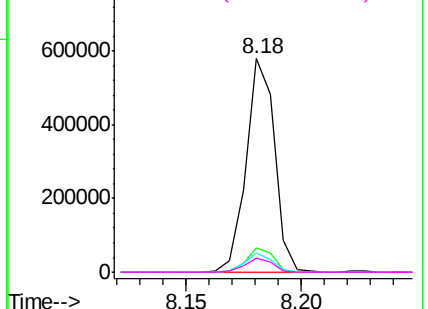
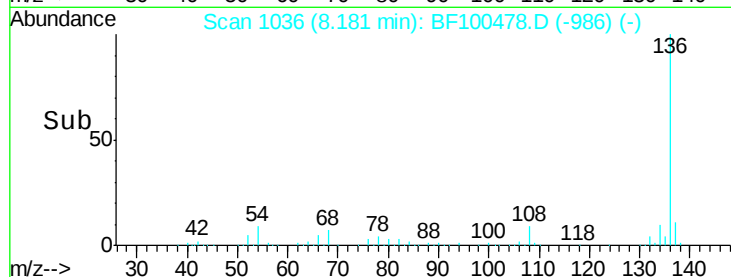
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

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

Tgt Ion:	136	Resp:	501693
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4

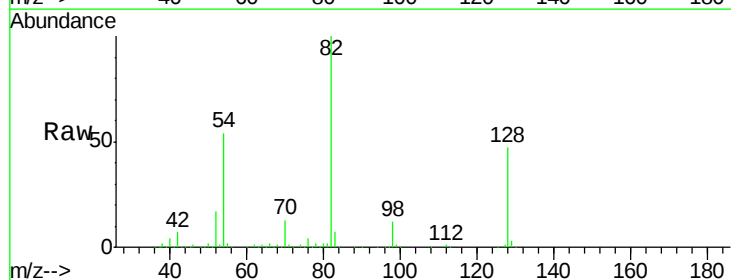


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

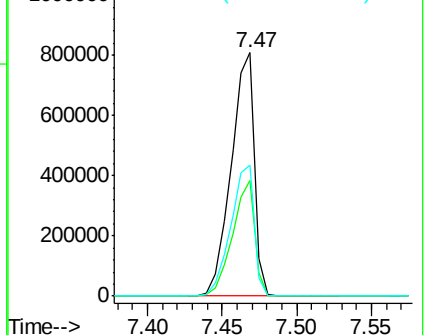
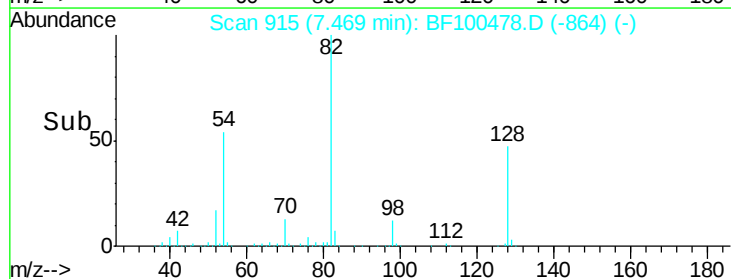


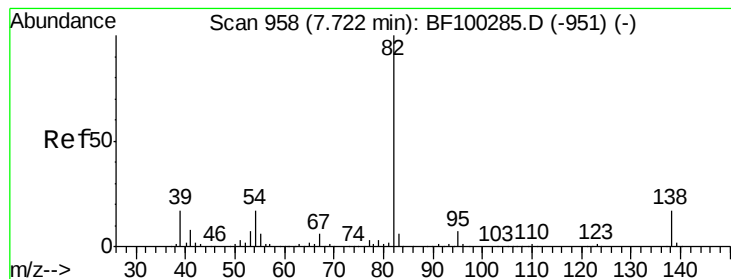
#23
Nitrobenzene-d5
Concen: 116.68 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:	82	Resp:	885409
Ion Ratio	Lower	Upper	
82	100		
128	47.2	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.52 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-B

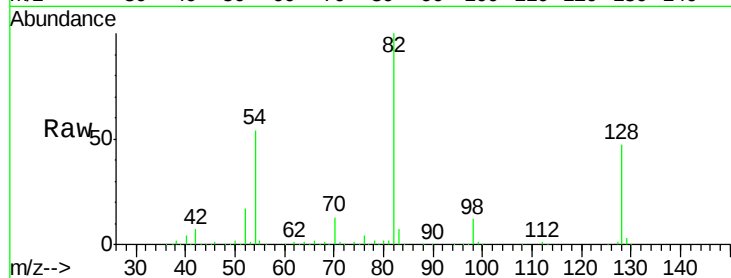
Tgt Ion: 82 Resp: 885391

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

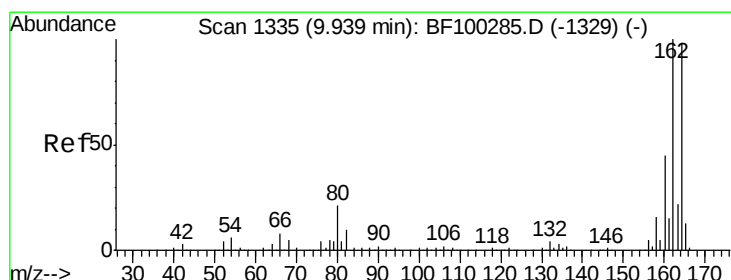
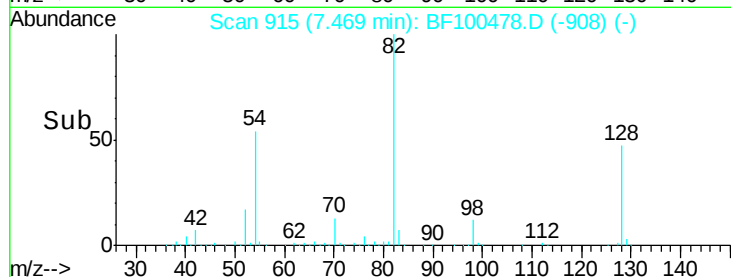
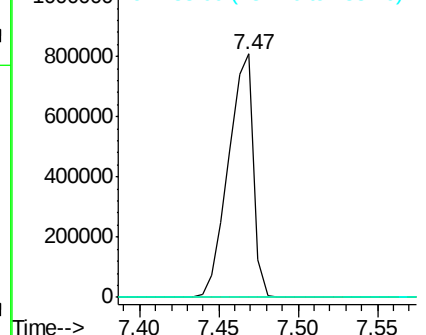
138 0.0 14.9 22.3#



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: BF100478.D

Acq: 12 Nov 2017 9:15

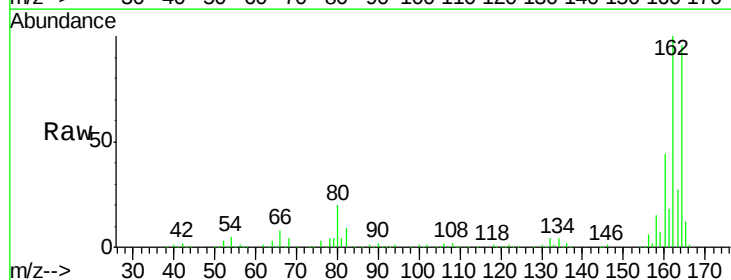
Tgt Ion: 164 Resp: 202929

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

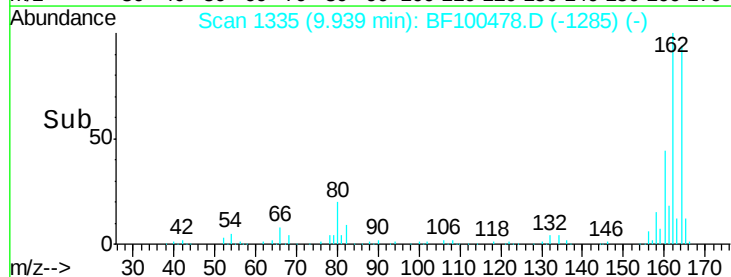
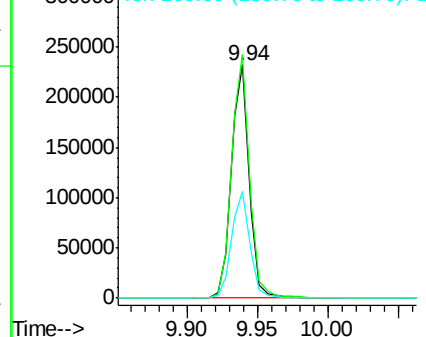
160 45.9 38.3 57.5

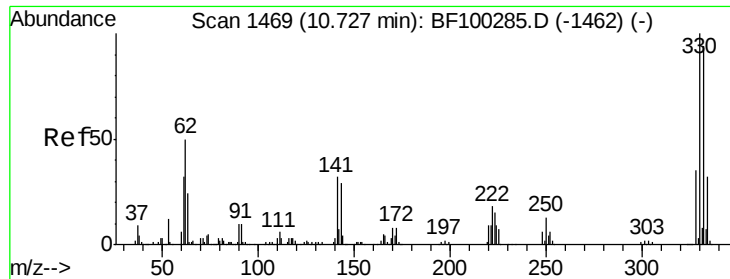


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

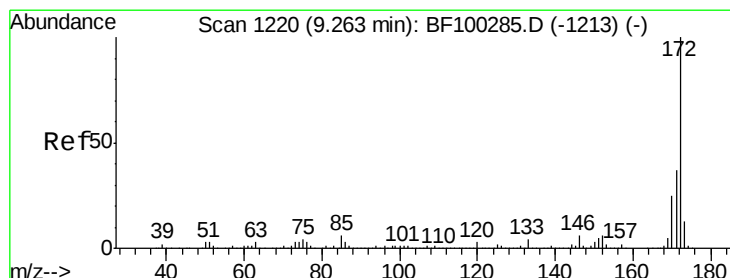
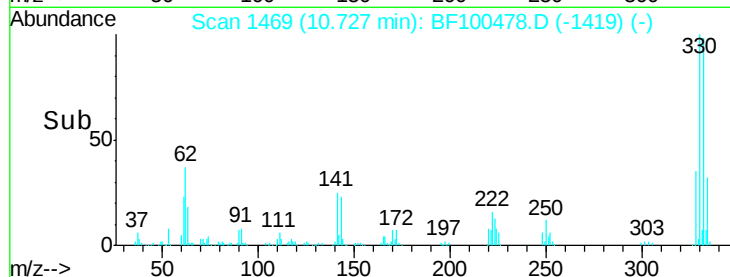
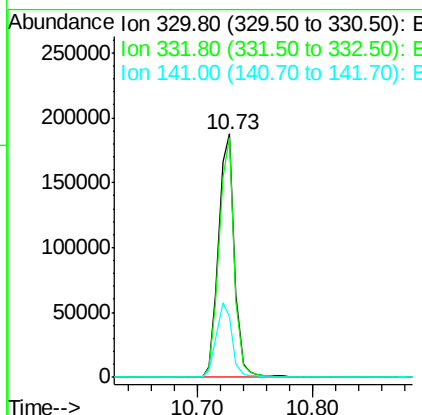
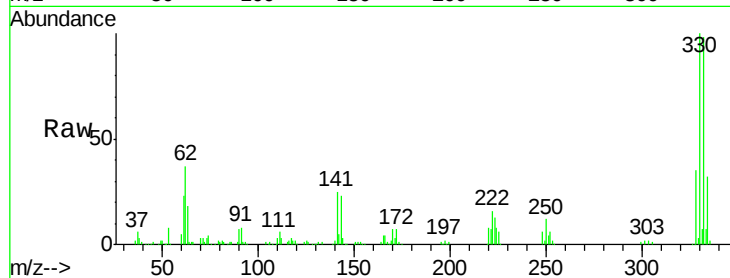




#41
 2,4,6-Tribromophenol
 Concen: 87.27 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

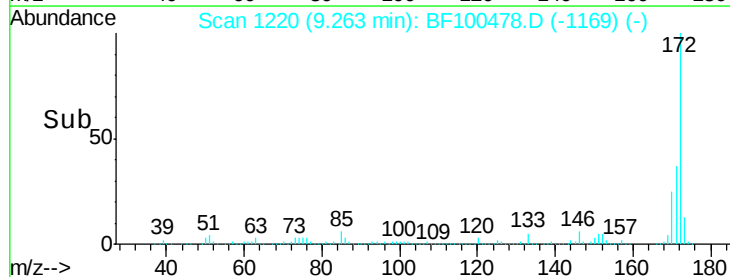
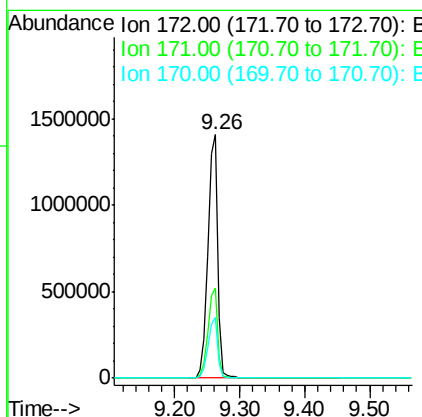
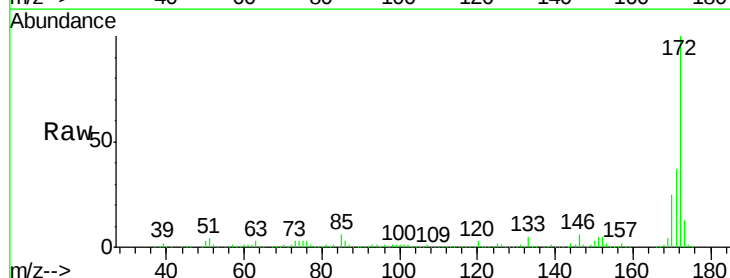
Instrument :
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 110717-SIDI-F-D-B

Tgt Ion: 330 Resp: 180471
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 30.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 109.85 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

Tgt Ion: 172 Resp: 1463942
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.7 19.6 29.4

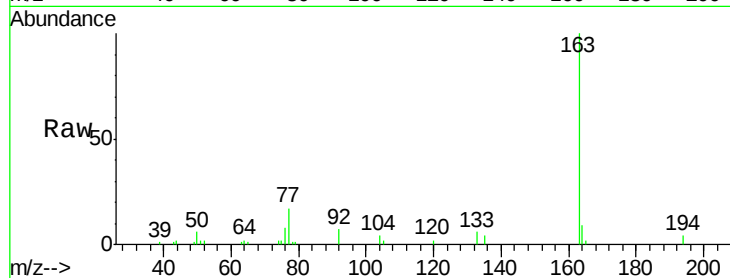




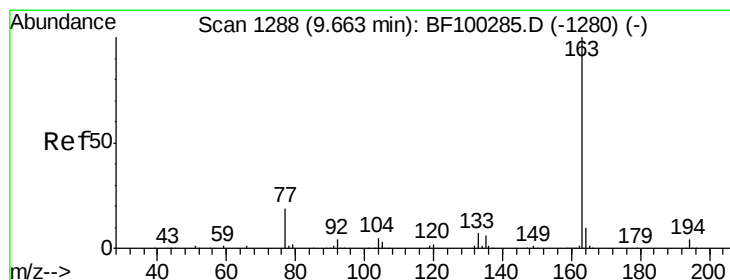
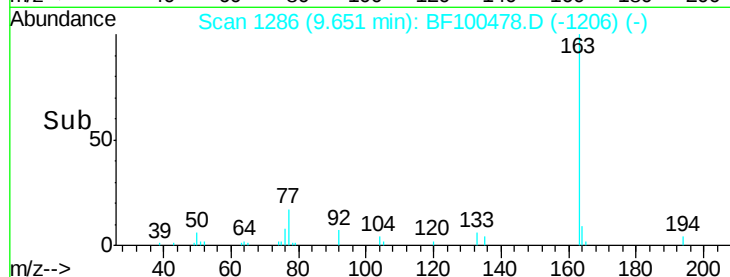
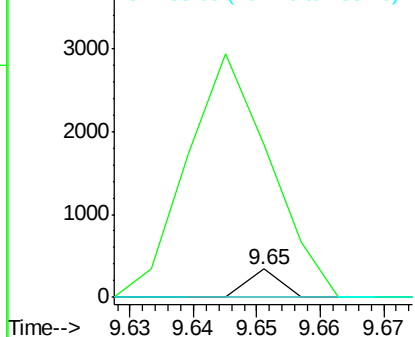
#47
2-Nitroaniline
Concen: 2.81 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

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

Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 538.9 55.8 83.6#
138 0.0 91.2 136.8#

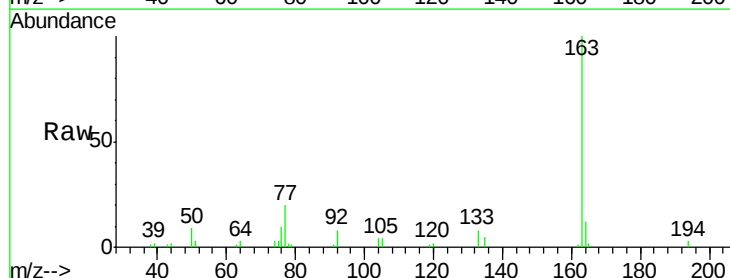


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

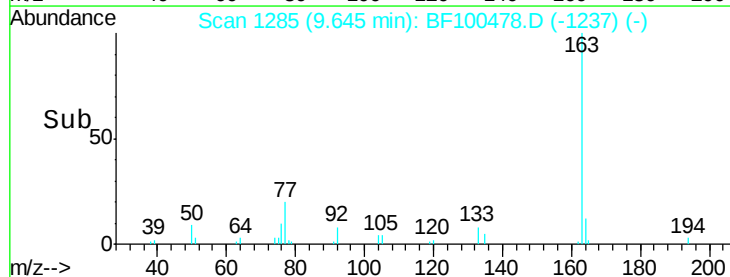
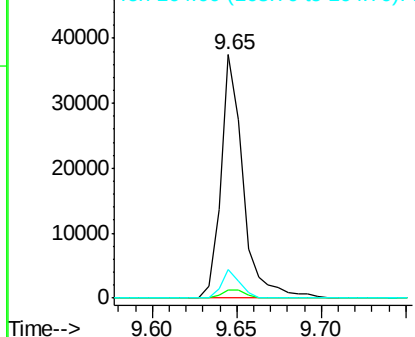


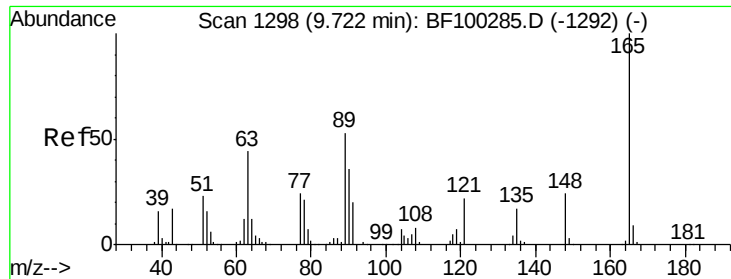
#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion: 163 Resp: 34286
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.6 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

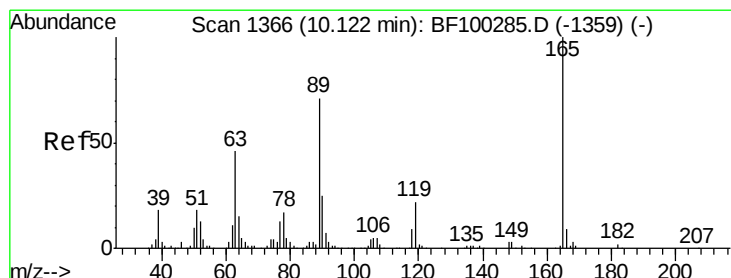
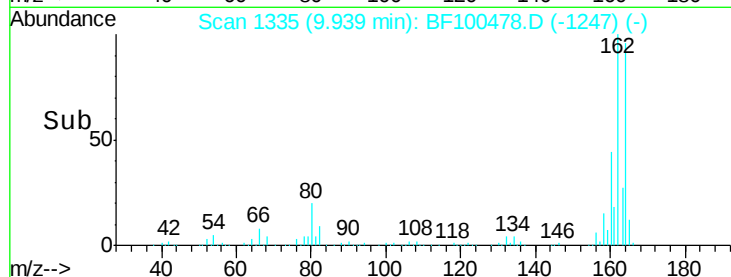
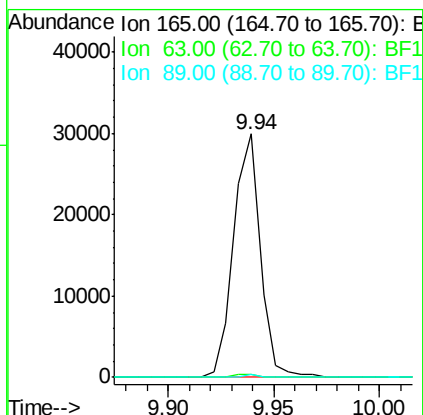
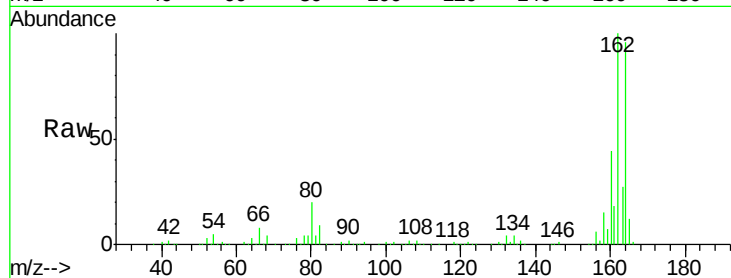




#50
 2,6-Dinitrotoluene
 Concen: 8.51 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

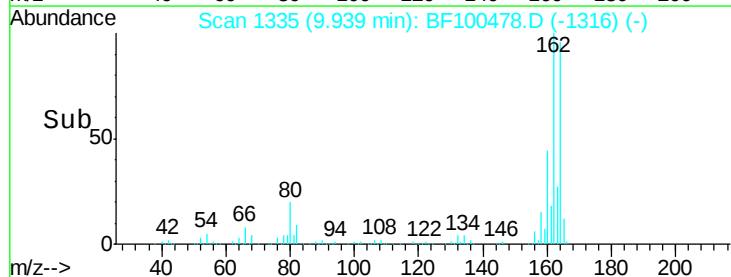
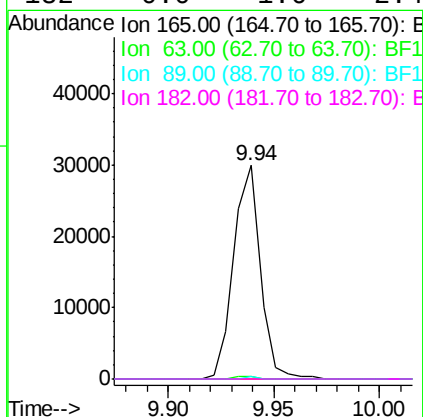
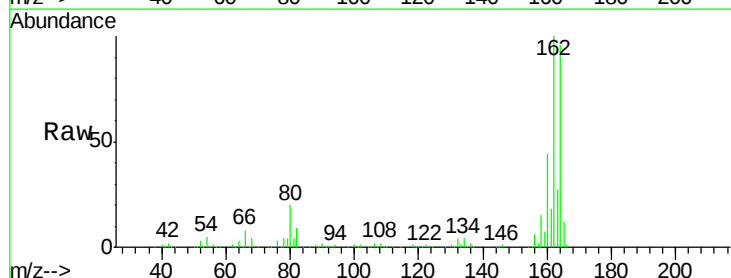
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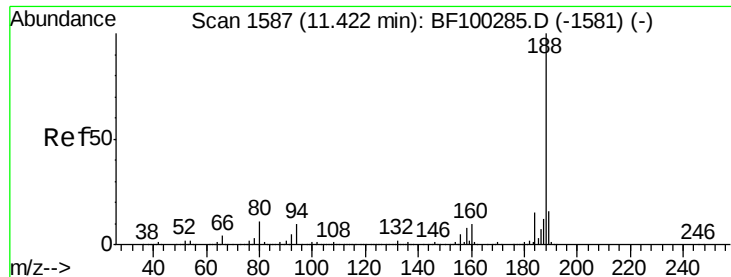
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

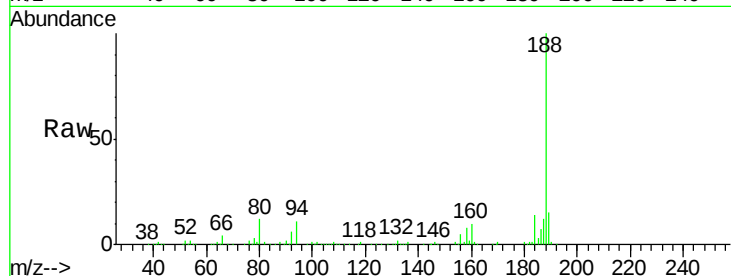




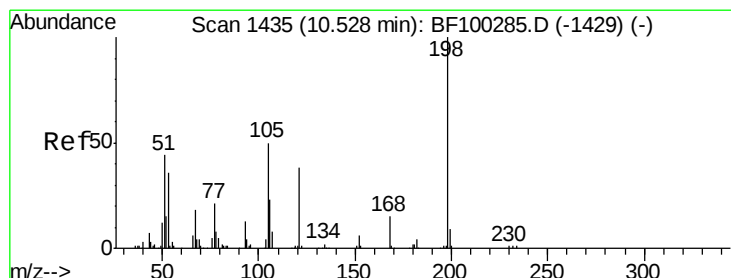
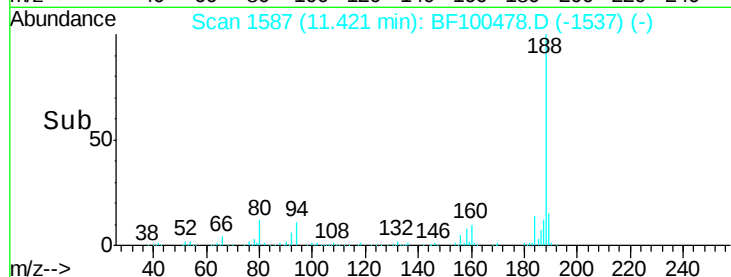
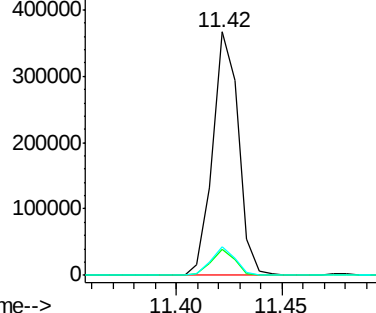
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

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

Tgt Ion:188 Resp: 308722
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.8 9.2 13.8

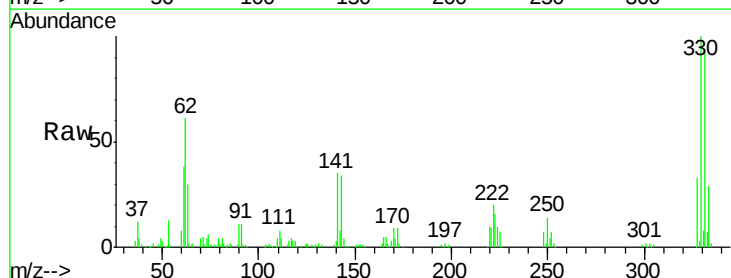


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

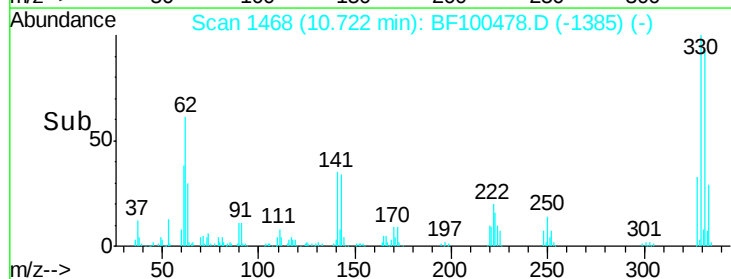
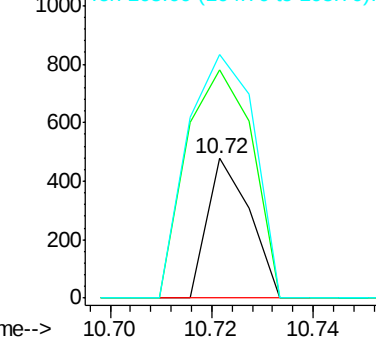


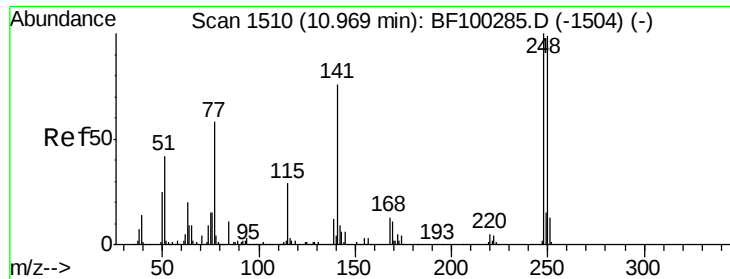
#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 163.5 37.7 77.7#
105 174.6 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

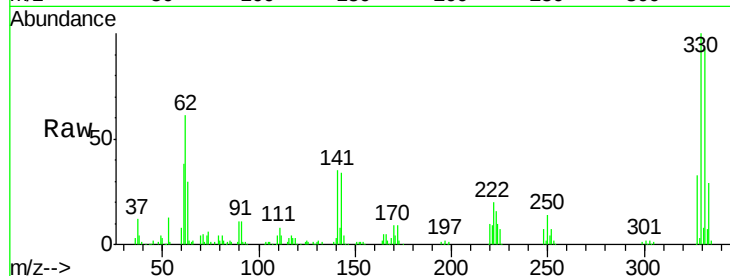




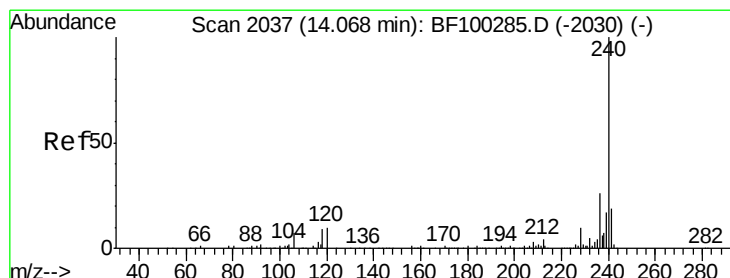
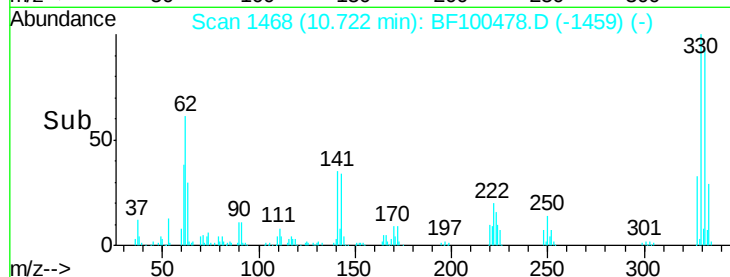
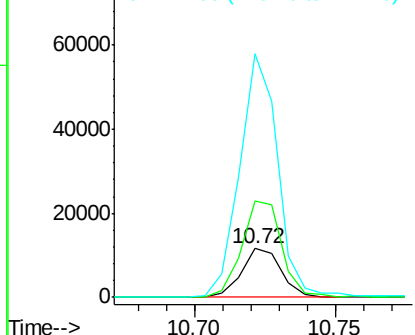
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

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

Tgt Ion:248 Resp: 11268
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 499.2 74.4 111.6#

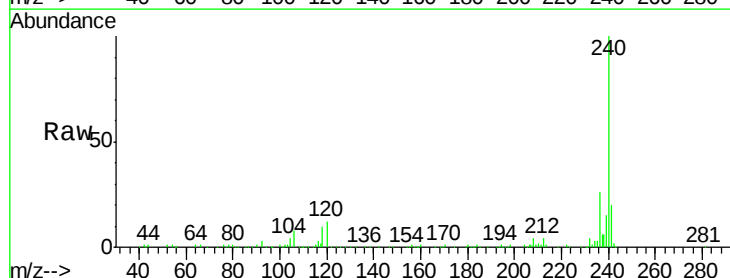


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

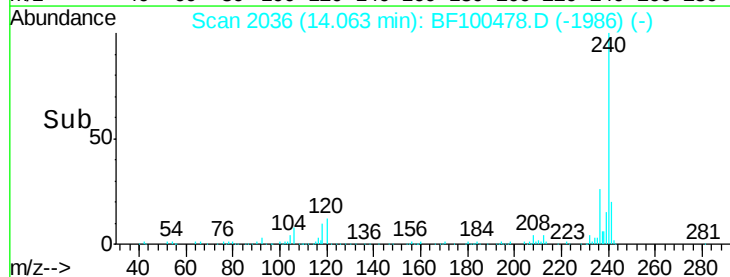
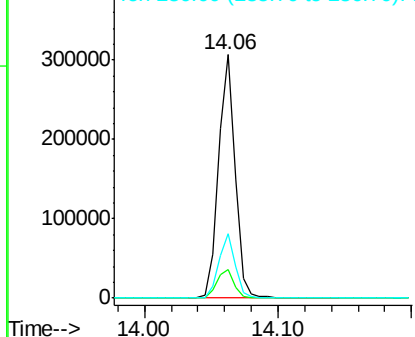


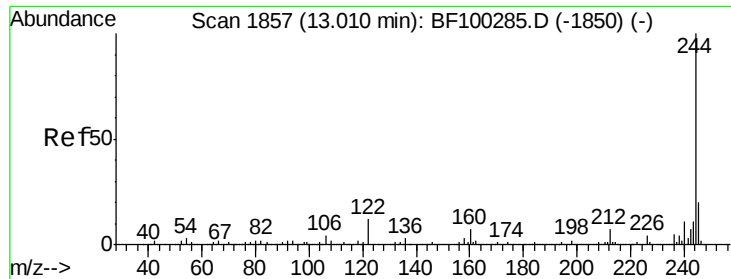
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100478.D
Acq: 12 Nov 2017 9:15

Tgt Ion:240 Resp: 272054
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.5 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: 87.29 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-B

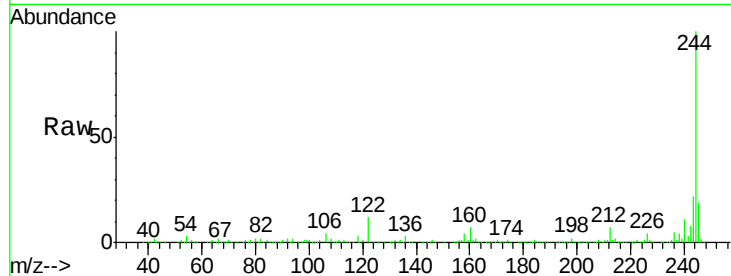
Tgt Ion:244 Resp: 1033563

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

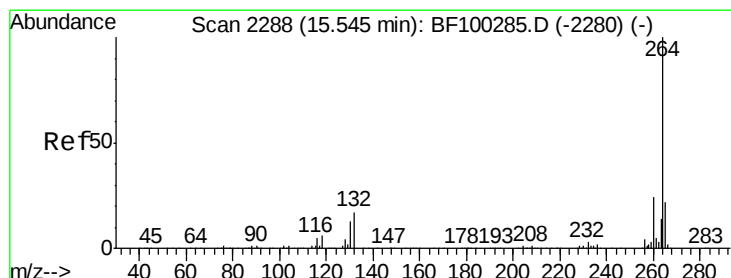
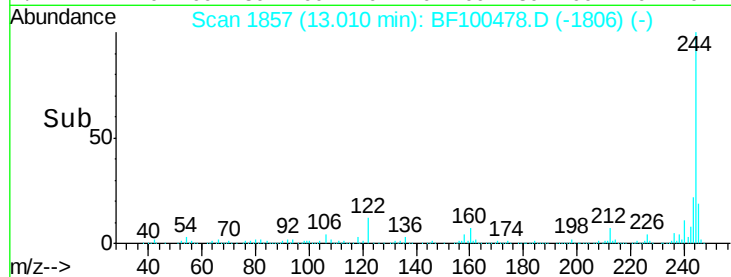
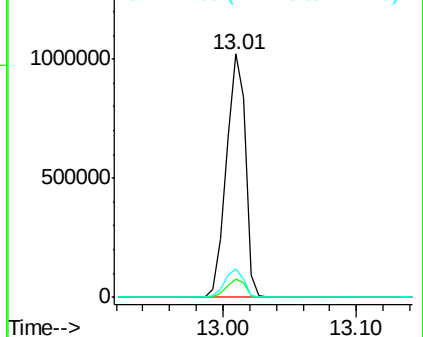
122 11.9 11.0 16.4



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: BF100478.D

Acq: 12 Nov 2017 9:15

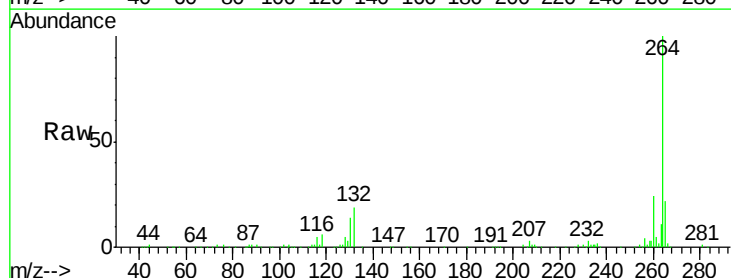
Tgt Ion:264 Resp: 194263

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 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

