

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 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 06:13:54 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

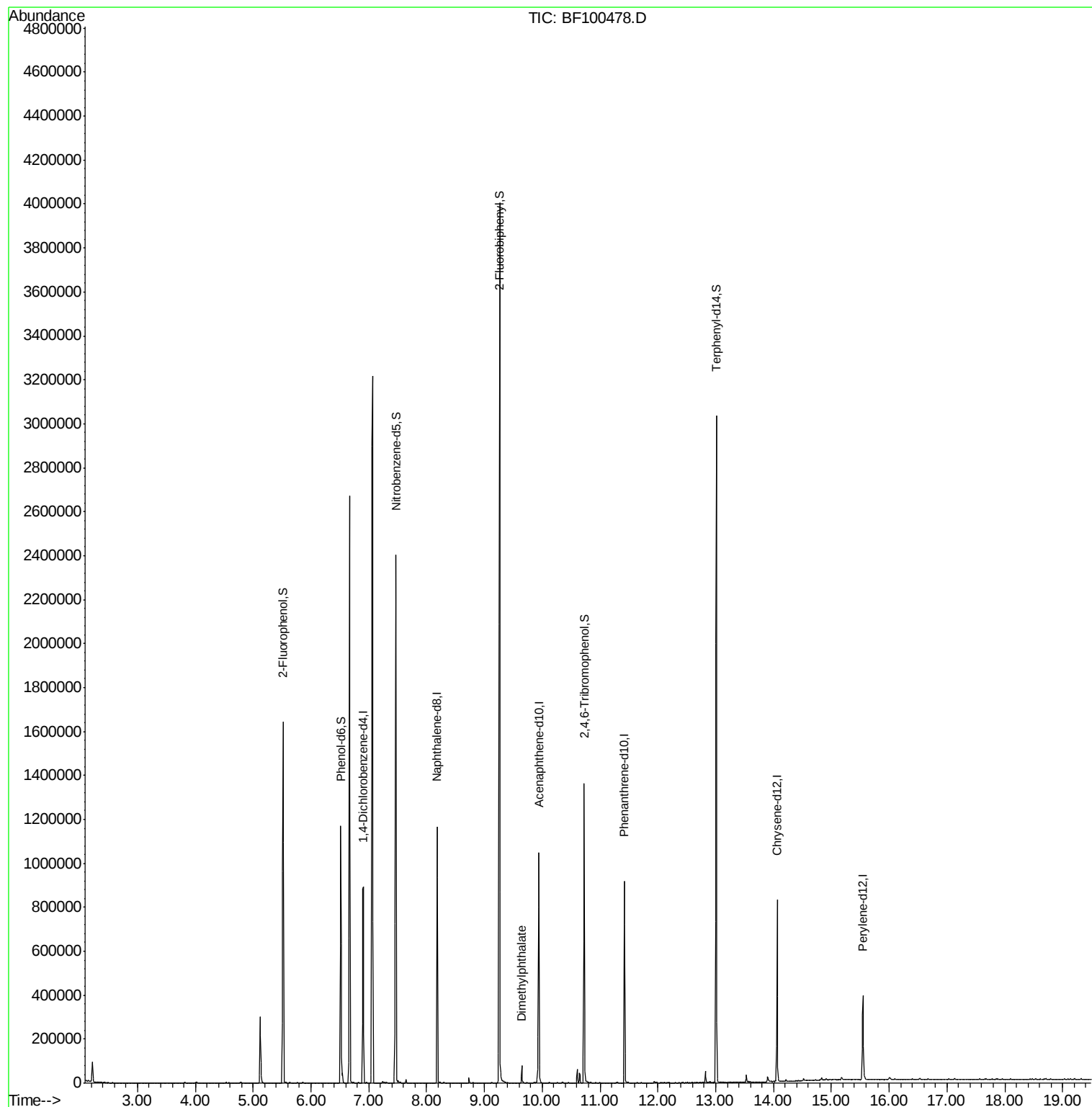
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138227	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	501693	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	202929	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	308722	20.00	ng	0.00
75) Chrysene-d12	14.06	240	272054	20.00	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
49) Dimethylphthalate	9.65	163	34286	2.213	ng	97

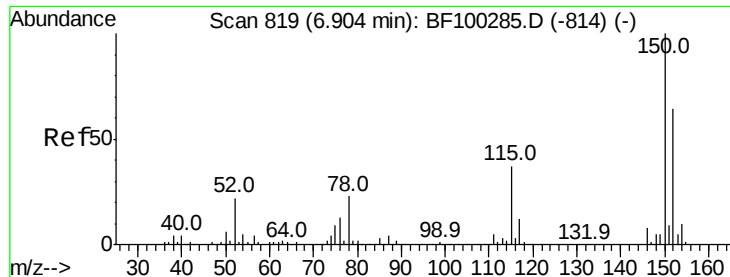
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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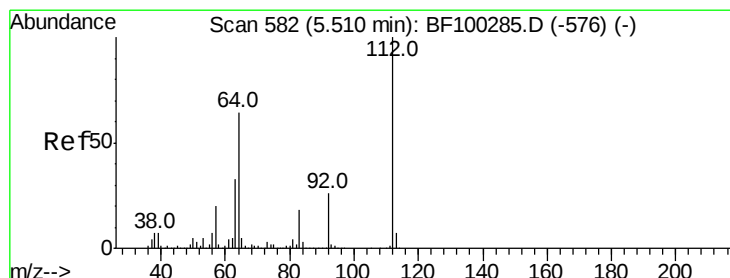
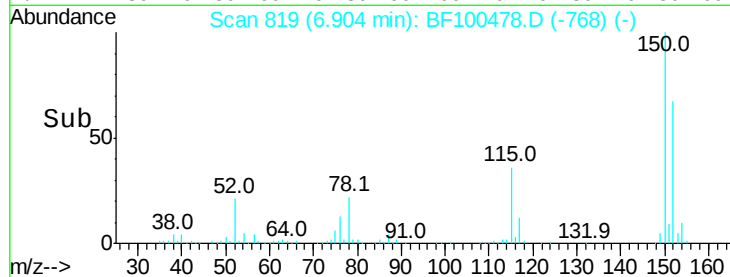
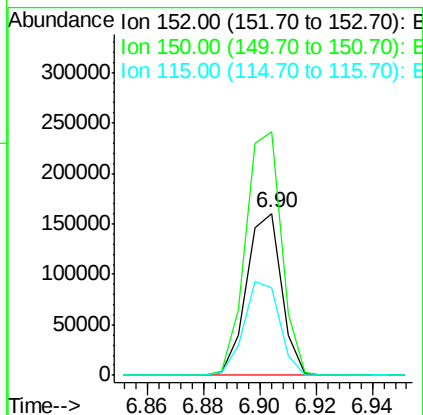
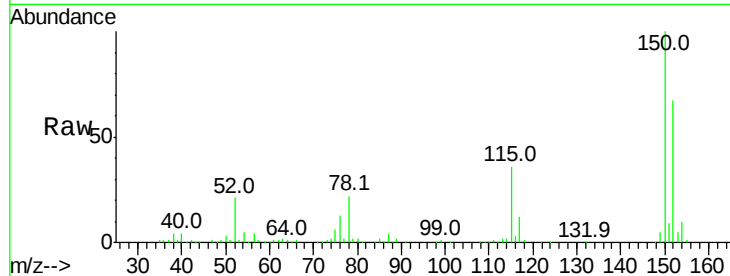


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
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

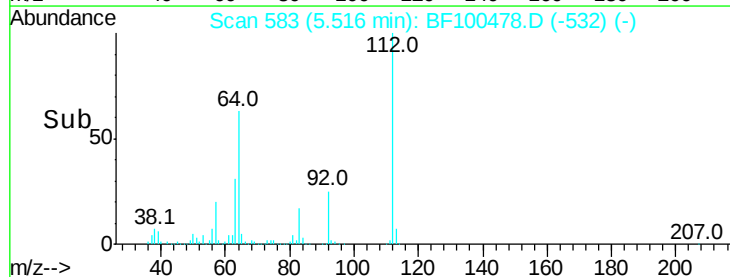
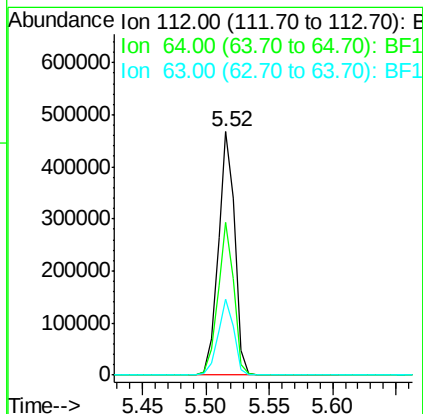
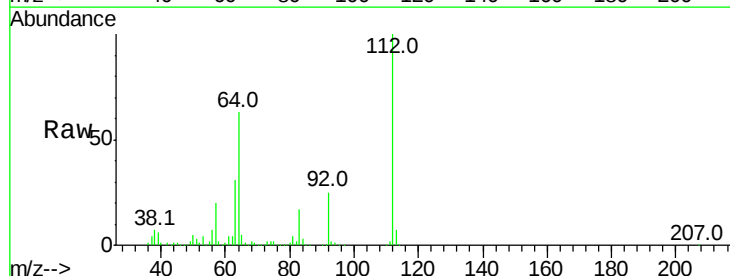
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.6	186.8
115	53.9	50.1	75.1



#5

2-Fluorophenol
Concen: 49.307 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	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 31.204 ng

RT: 6.52 min Scan# 753

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

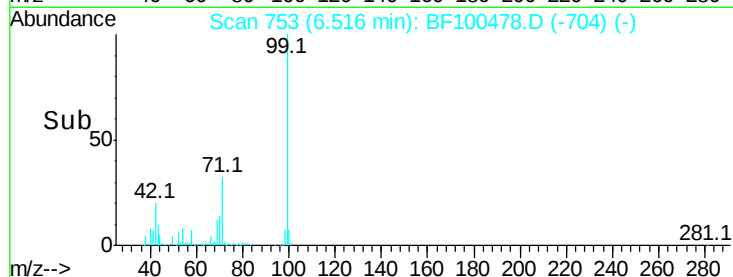
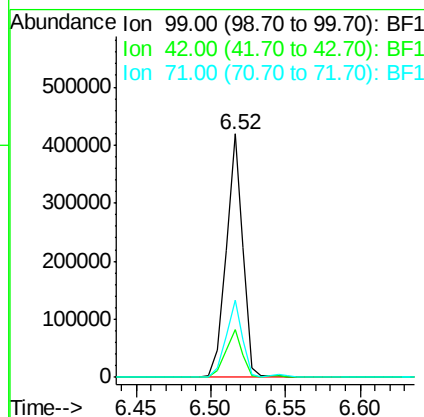
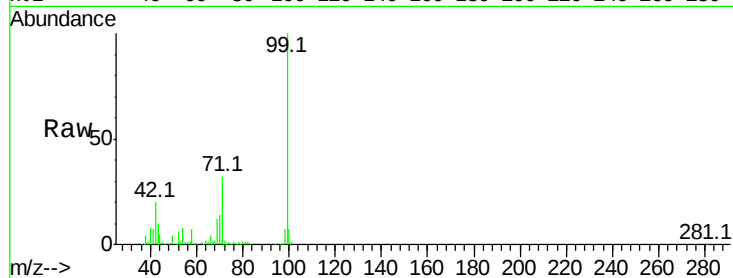
Tot Ion: 99 Resp: 331802

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 31.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Tgt Ion: 136 Resp: 501693

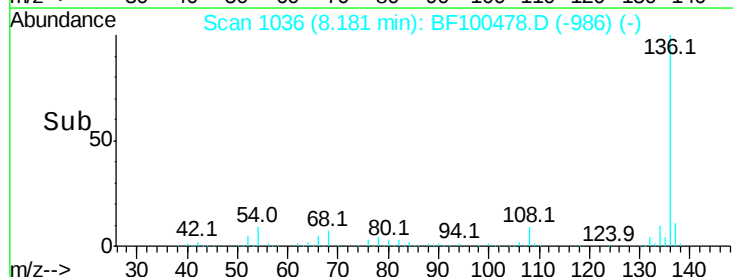
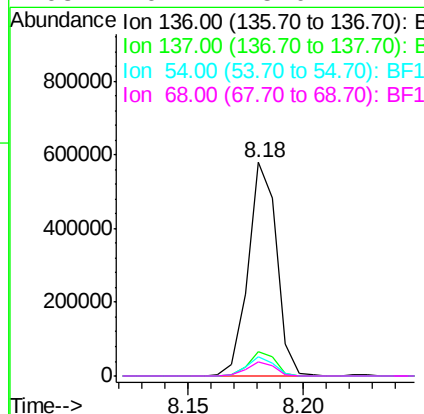
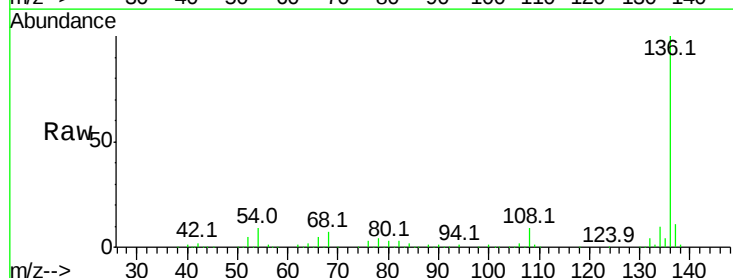
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.8 6.6 9.8

68 6.7 5.0 7.4

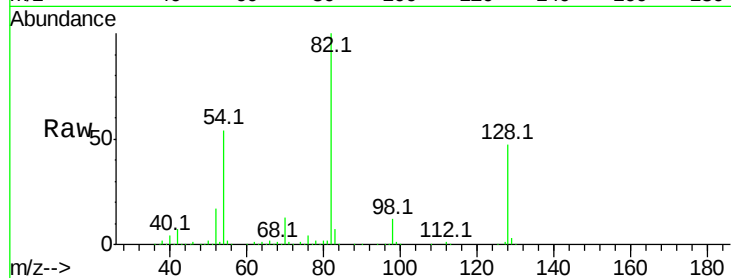




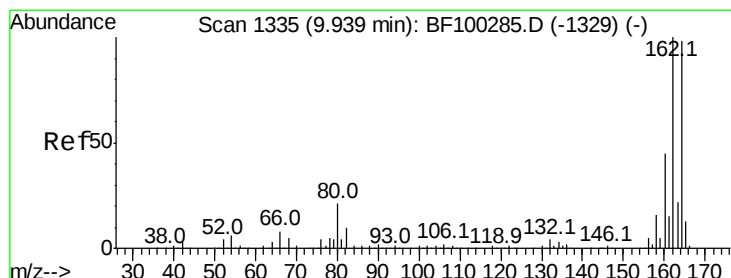
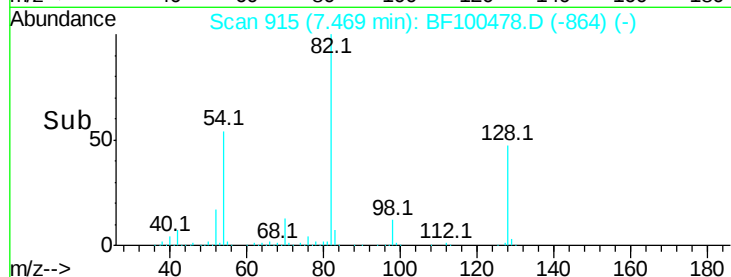
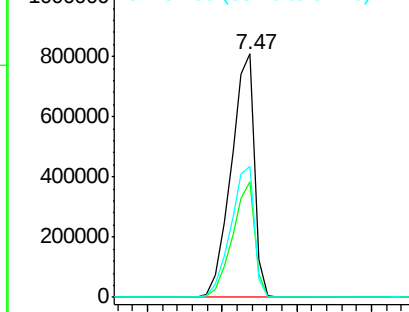
#23
 Nitrobenzene-d5
 Concen: 116.680 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

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

Tot Ion: 82 Resp: 885409
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 53.6 41.4 62.2

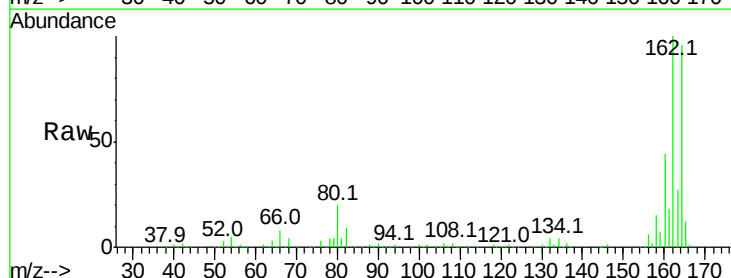


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

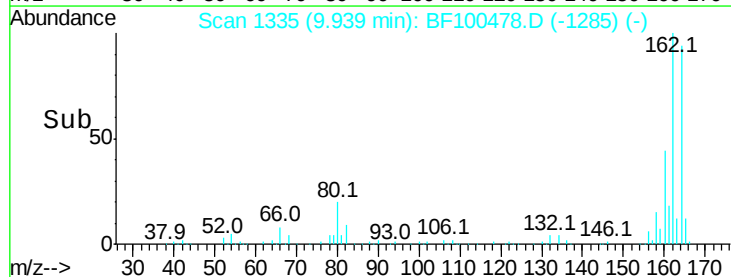
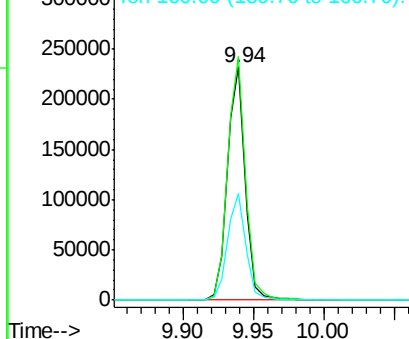


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

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

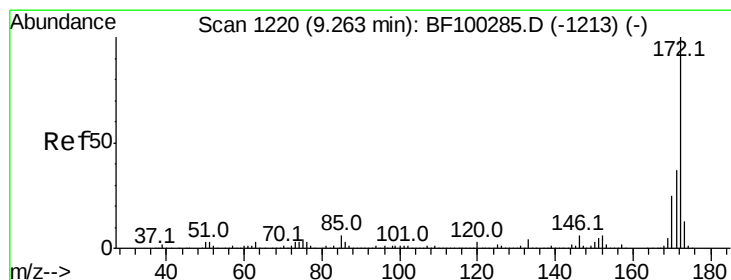
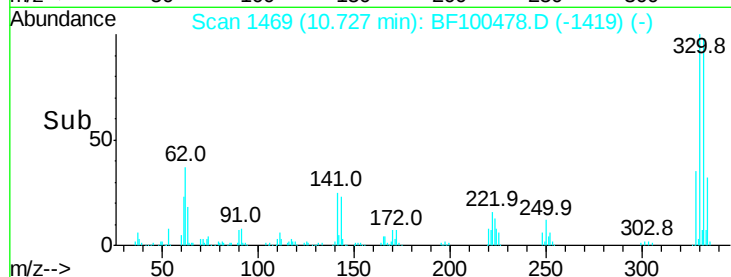
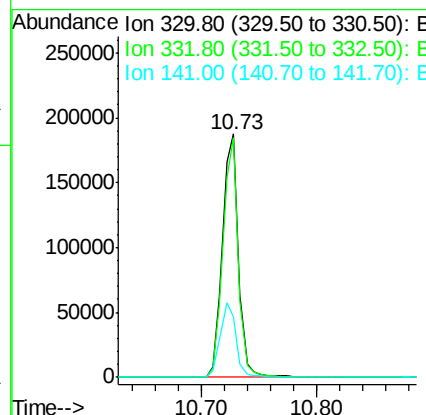
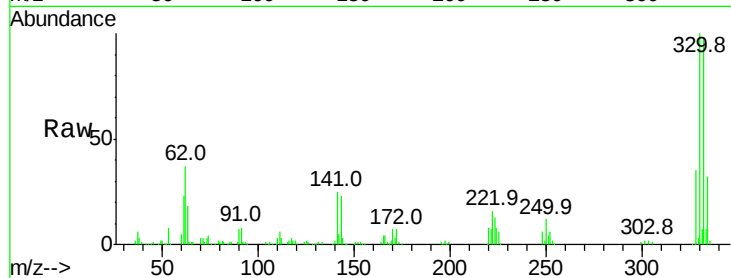




#41
 2,4,6-Tribromophenol
 Concen: 87.275 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100478.D
 Acq: 12 Nov 2017 9:15

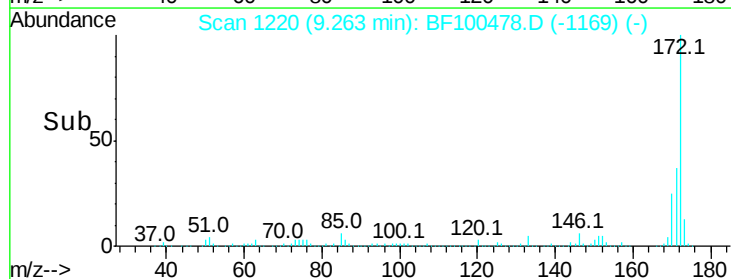
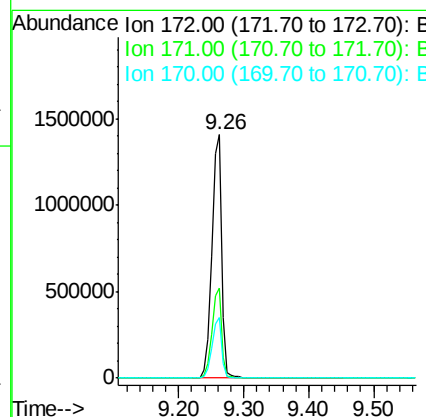
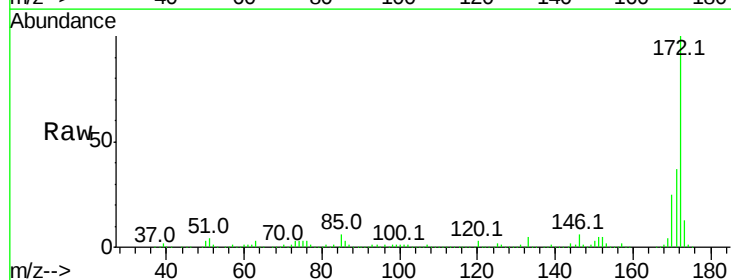
Instrument :
 BNA_F
 ClientSampleId :
 110717-SIDI-F-D-B

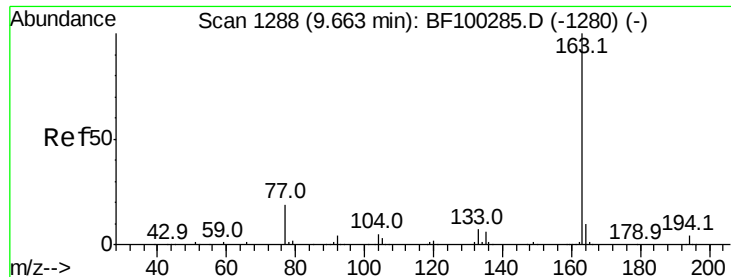
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	30.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 109.849 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	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4





#49

Dimethylphthalate

Concen: 2.213 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

Instrument :

BNA_F

ClientSampleId :

110717-SIDI-F-D-B

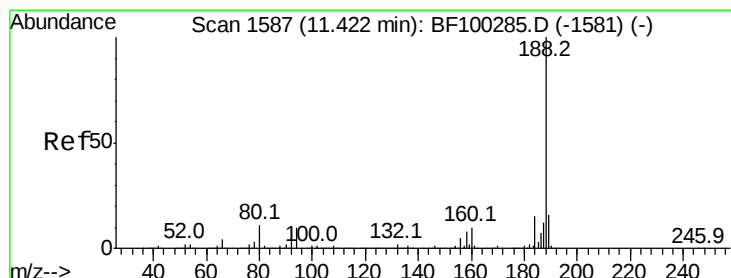
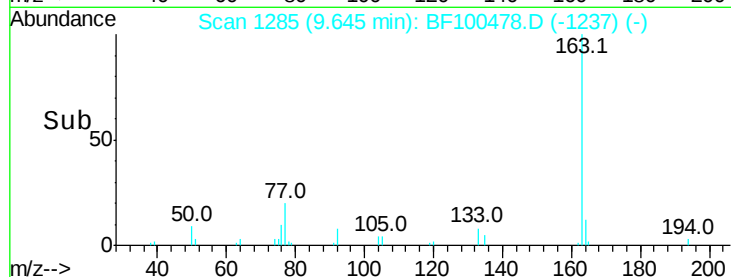
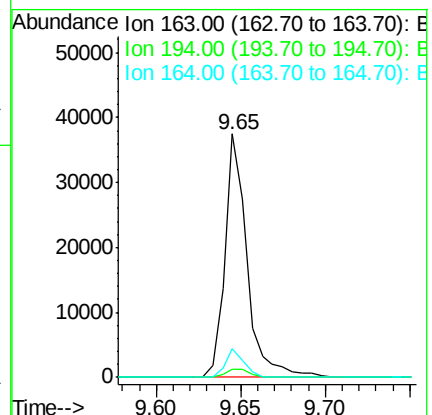
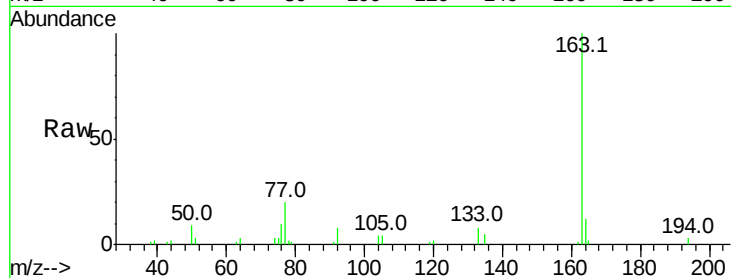
Tot Ion:163 Resp: 34286

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 11.6 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

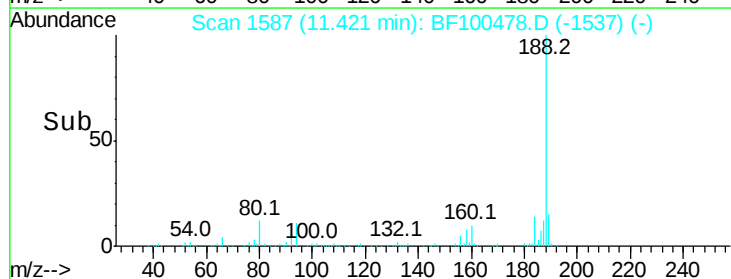
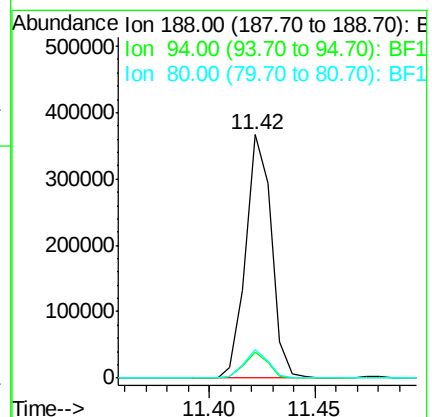
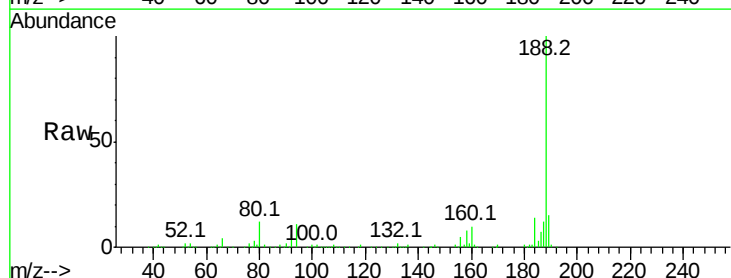
Tgt Ion:188 Resp: 308722

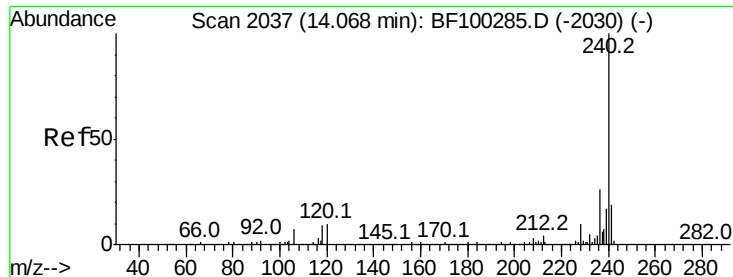
Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 11.8 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

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

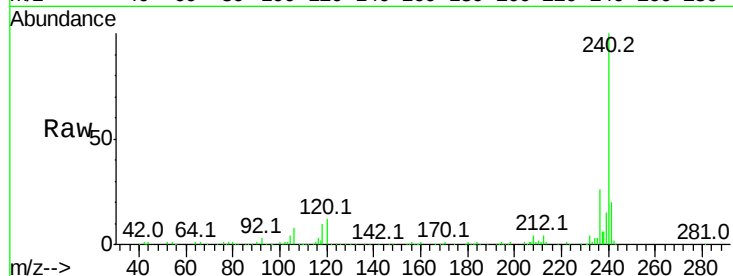
Tot Ion:240 Resp: 272054

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

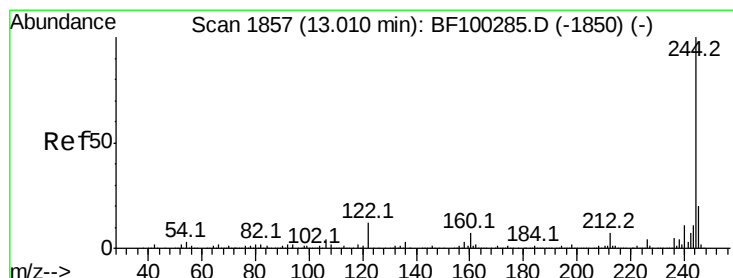
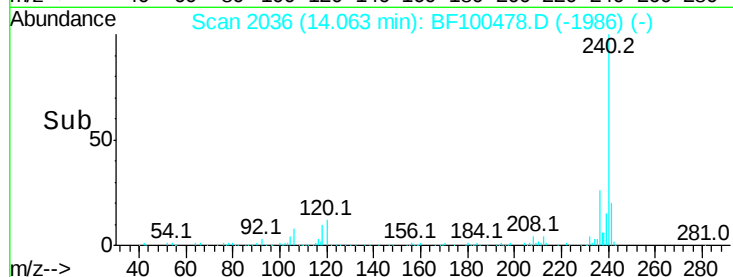
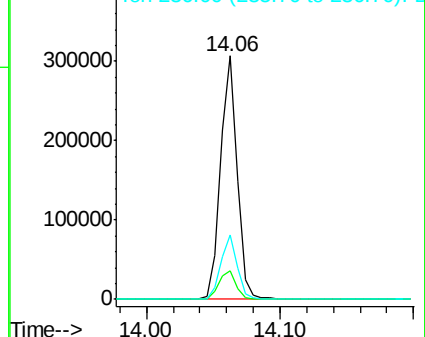
236 26.5 20.7 31.1



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: 87.292 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100478.D

Acq: 12 Nov 2017 9:15

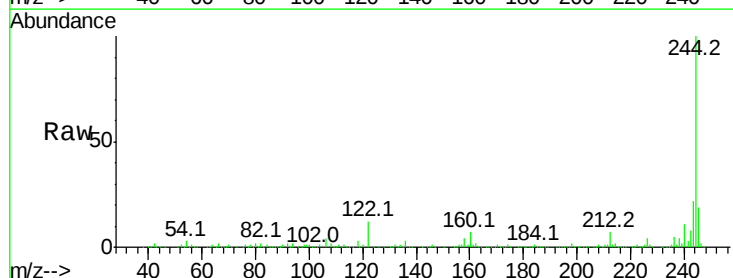
Tgt Ion:244 Resp: 1033563

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

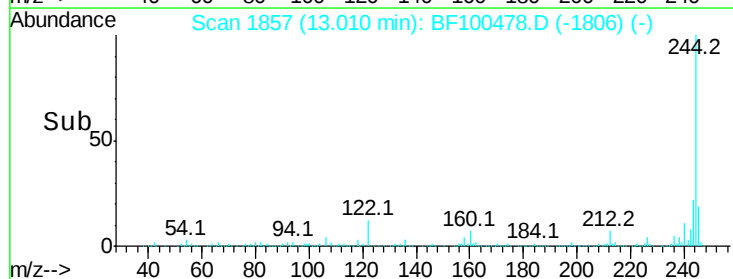
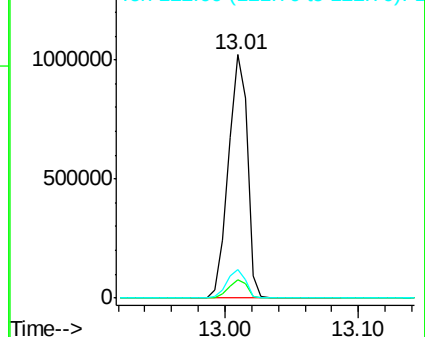
122 11.9 11.0 16.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3

