Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100568.D
Acq On : 15 Nov 2017 4:47
Operator : SJ/JU
Sample : I6403-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S

Quant Time: Nov 15 06:30:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103868	20.00 ng	0.00
21) Naphthalene-d8	8.16	136	367659	20.00 ng	0.00
38) Acenaphthene-d10	9.92	164	136827	20.00 ng	0.00
63) Phenanthrene-d10	11.40	188	227821	20.00 ng	0.00
75) Chrysene-d12	14.04	240	224318	20.00 ng	-0.01
86) Perylene-d12	15.52	264	153598	20.00 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.50	112	364339	56.23 ng	0.00
7) Phenol-d6	6.50	99	290584	36.37 ng	-0.01
23) Nitrobenzene-d5	7.45	82	661449	118.94 ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	134125	96.20 ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1084683	120.71 ng	0.00
78) Terphenyl-d14	12.99	244	831674	85.19 ng	0.00
Target Compounds					Qvalue
9) Benzaldehyde	6.65	77	11413	2.00 ng	84
19) n-Nitroso-di-n-propylamine	7.45	70	85788	15.48 ng	# 82
25) Isophorone	7.45	82	661441	56.60 ng	# 64
47) 2-Nitroaniline	9.63	65	522	2.98 ng	# 1
49) Dimethylphthalate	9.63	163	64083	6.13 ng	100
56) 2,4-Dinitrotoluene	9.92	165	18020	6.91 ng	# 21
62) Azobenzene	10.63	77	59703	6.06 ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	161	8.68 ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8715	3.57 ng	# 1

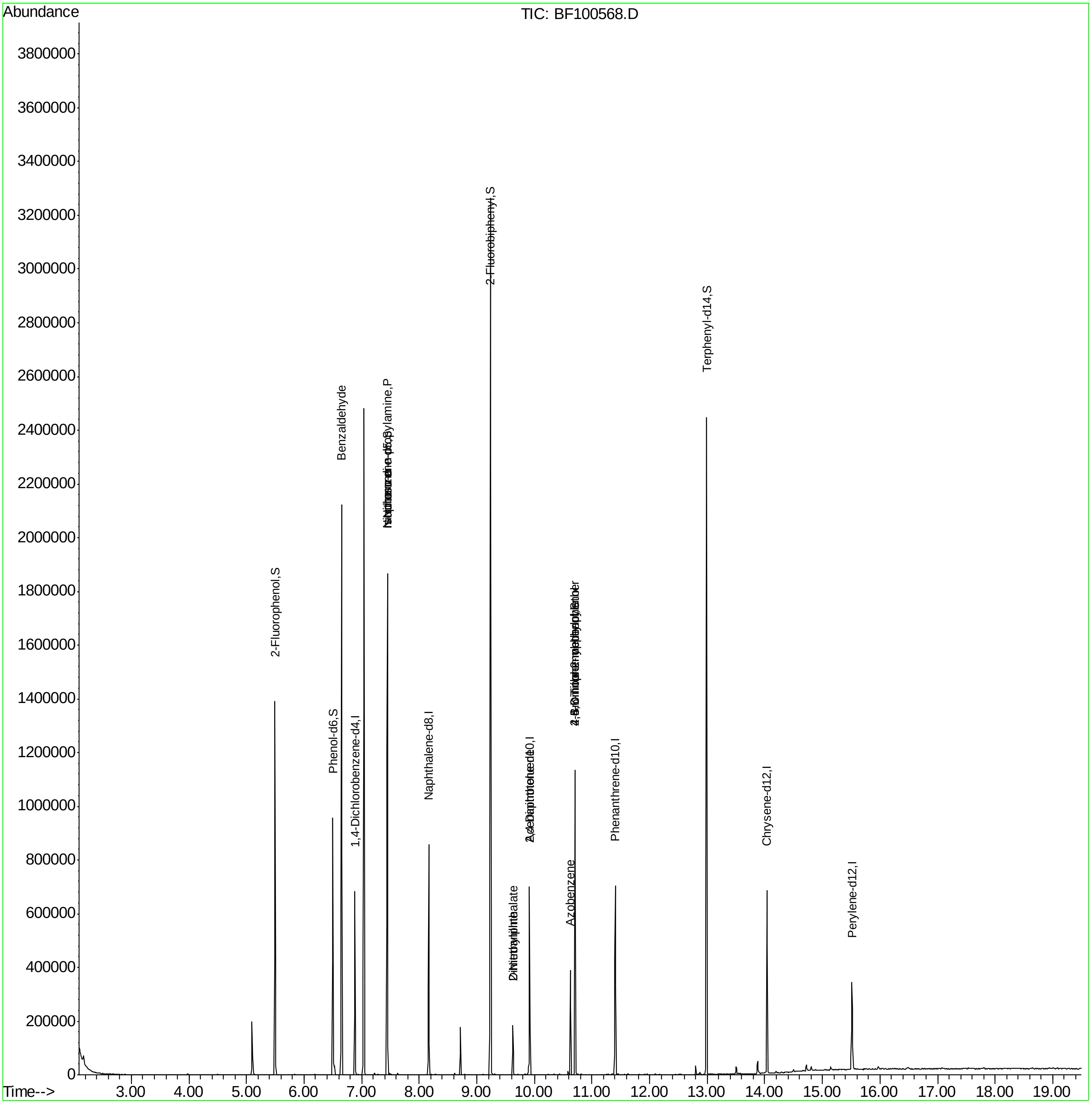
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\
Quantitation Report (Not Reviewed)

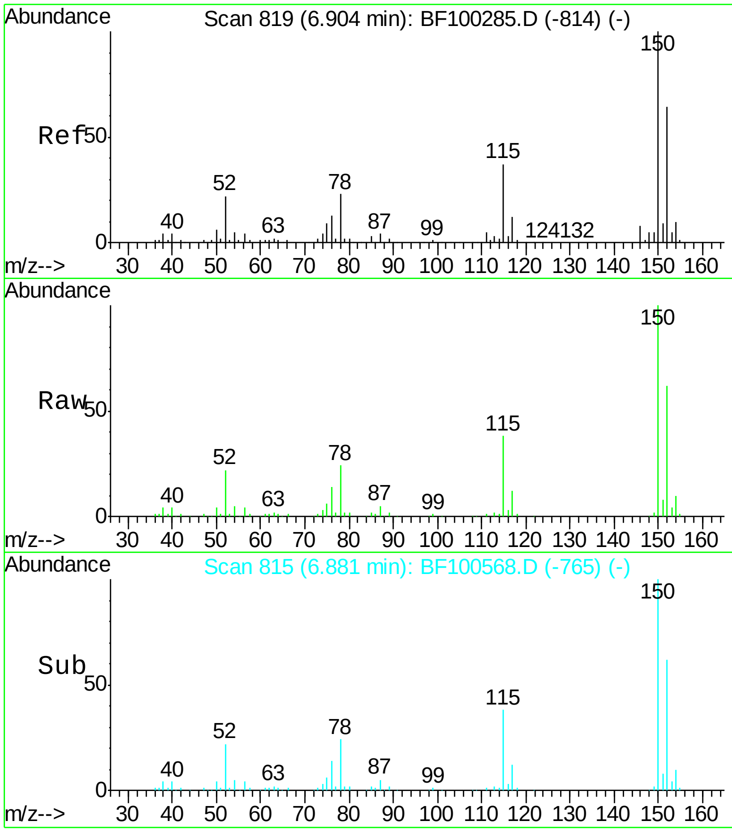
Data File : BF100568.D
Acq On : 15 Nov 2017 4:47
Operator : SJ/JU
Sample : I6403-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S

Quant Time: Nov 15 06:30:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

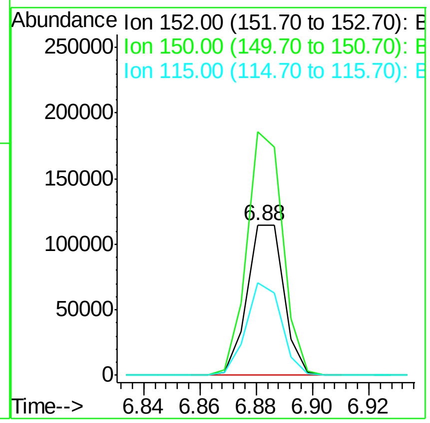


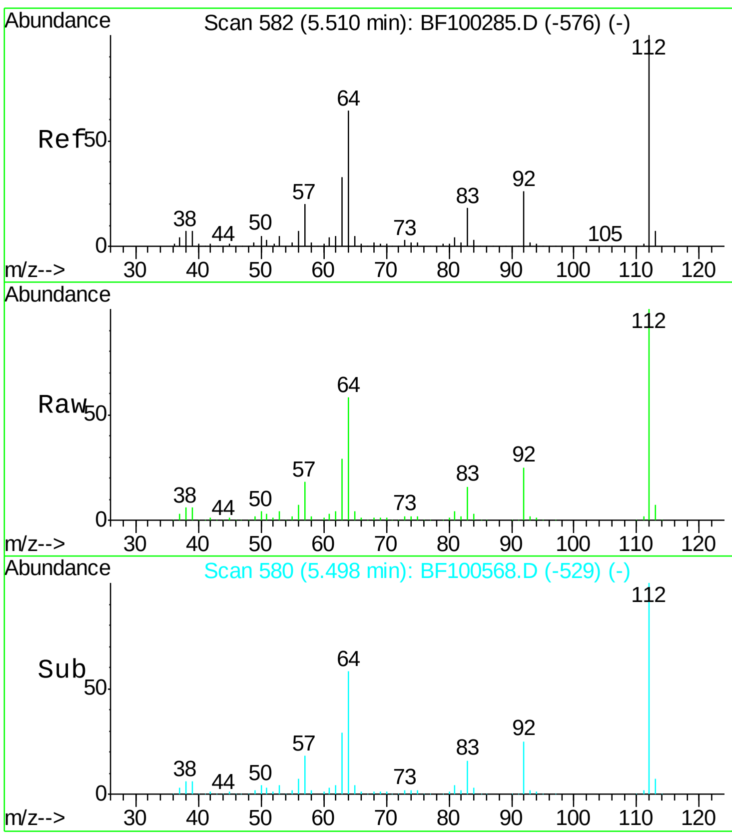
Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min   Scan# 815
Delta R.T.   -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

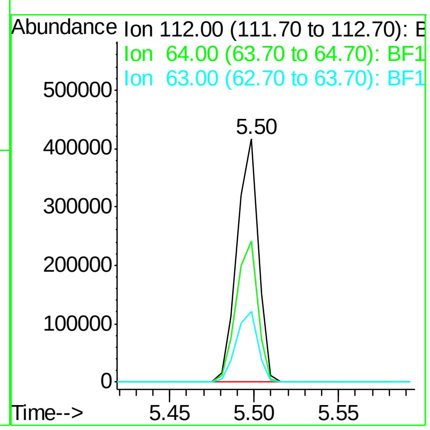
Tgt Ion:152	Resp:		103868
Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.6	186.8
115	61.8	50.1	75.1

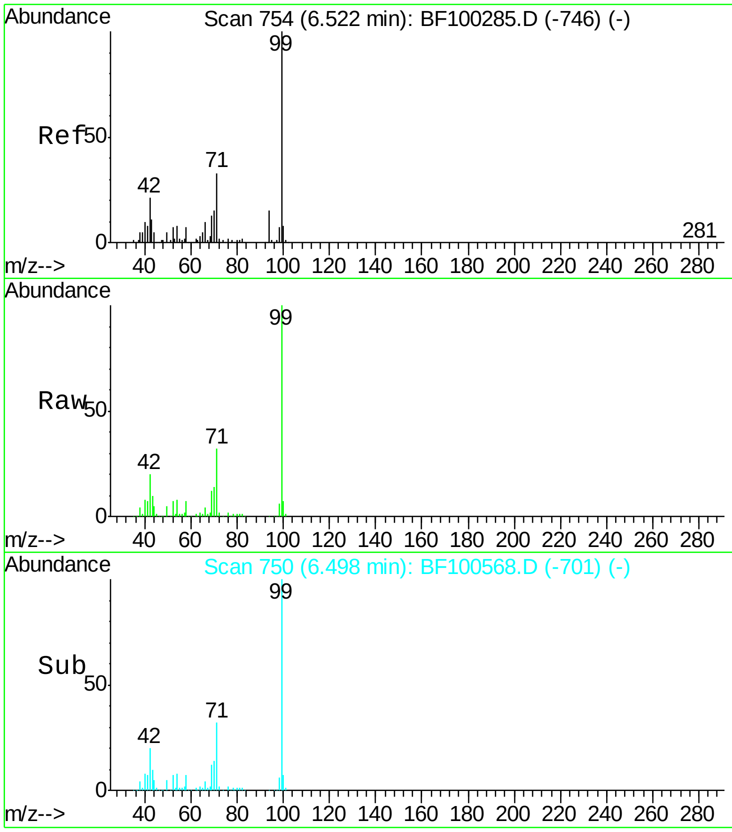




#5
2-Fluorophenol
Concen: 56.23 ng
RT: 5.50 min   Scan# 580
Delta R.T.   -0.00 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Tgt Ion:112	Resp:		364339
Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.9	23.7	35.5



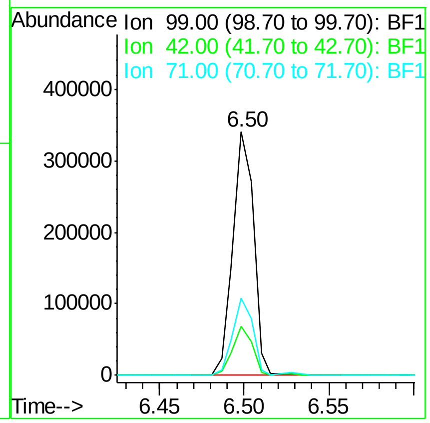


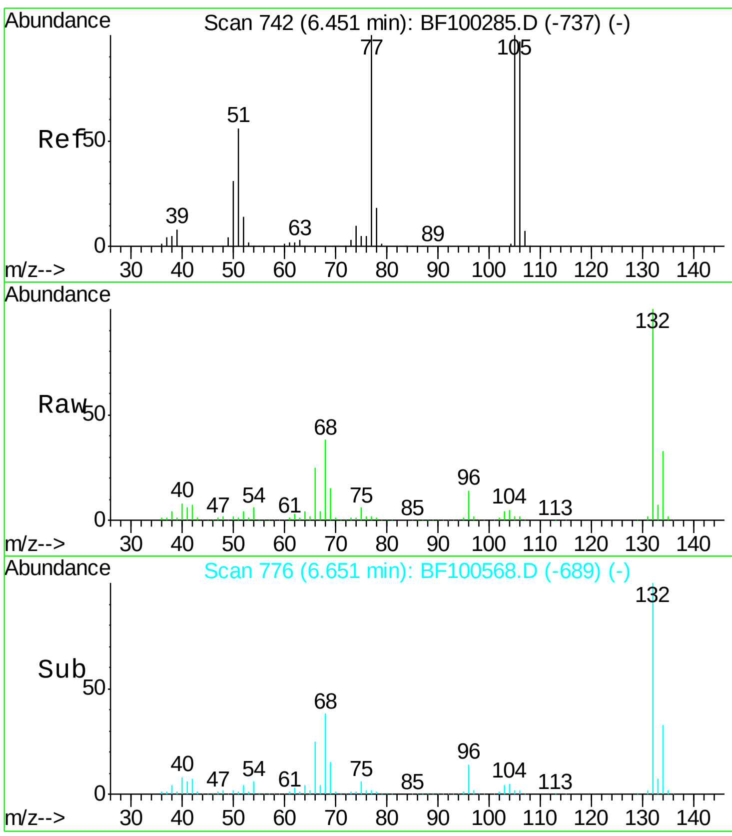
#7
Phenol-d6
Concen: 36.37 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S

Tgt Ion: 99 Resp: 290584

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.0	25.4	38.0

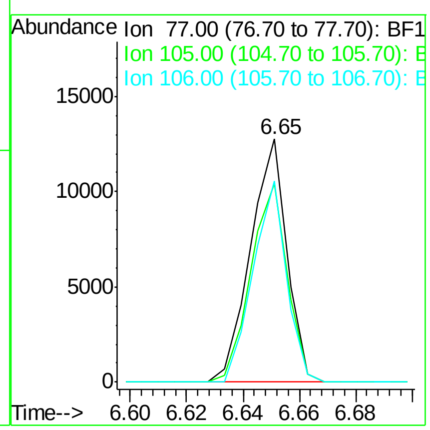


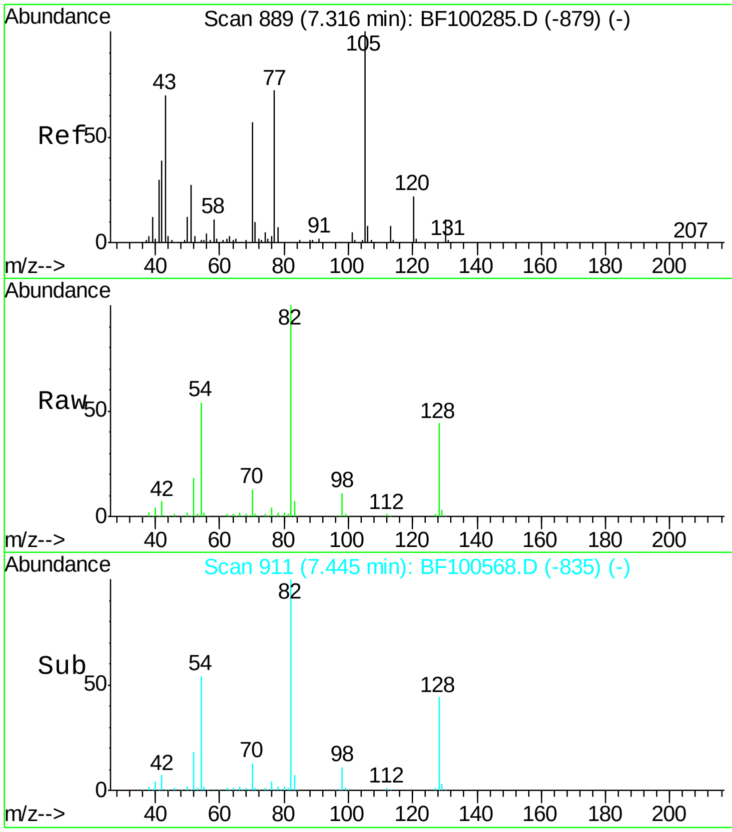


#9
Benzaldehyde
Concen: 2.00 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.21 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion: 77 Resp: 11413

Ion	Ratio	Lower	Upper
77	100		
105	81.5	81.1	121.1
106	82.8	74.5	114.5



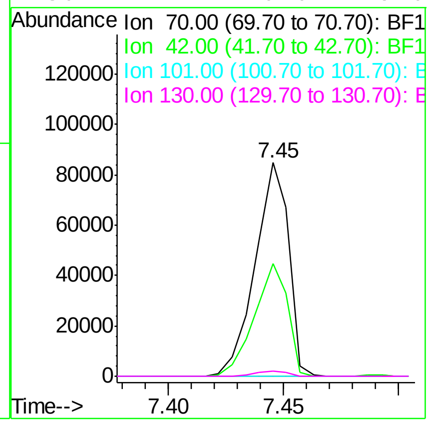


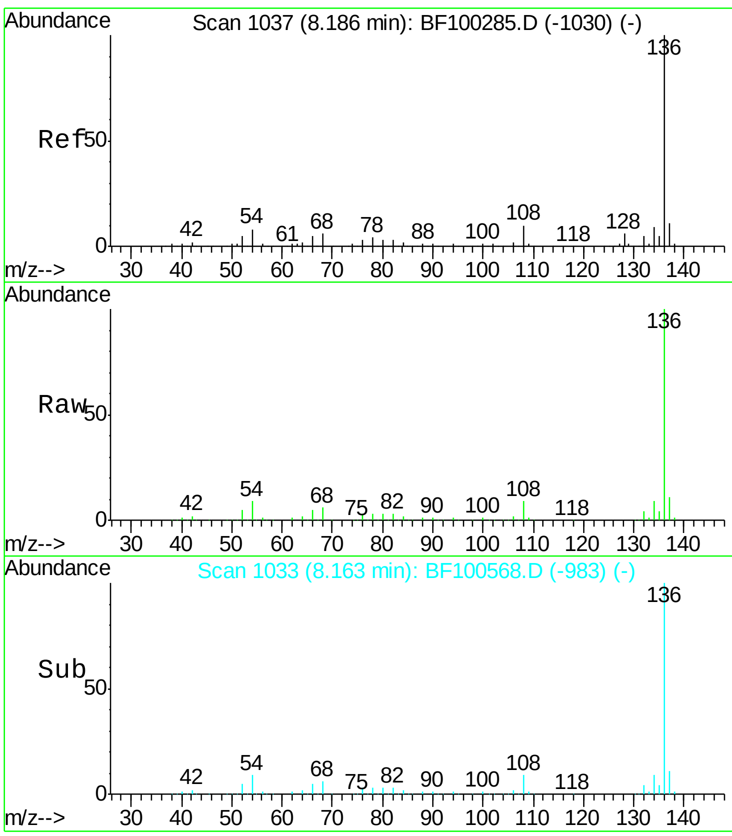
#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S

Tgt Ion: 70 Resp: 85788

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

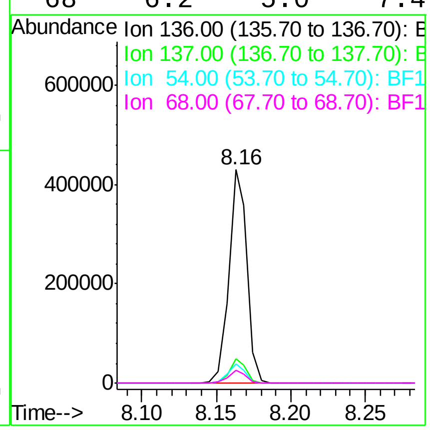


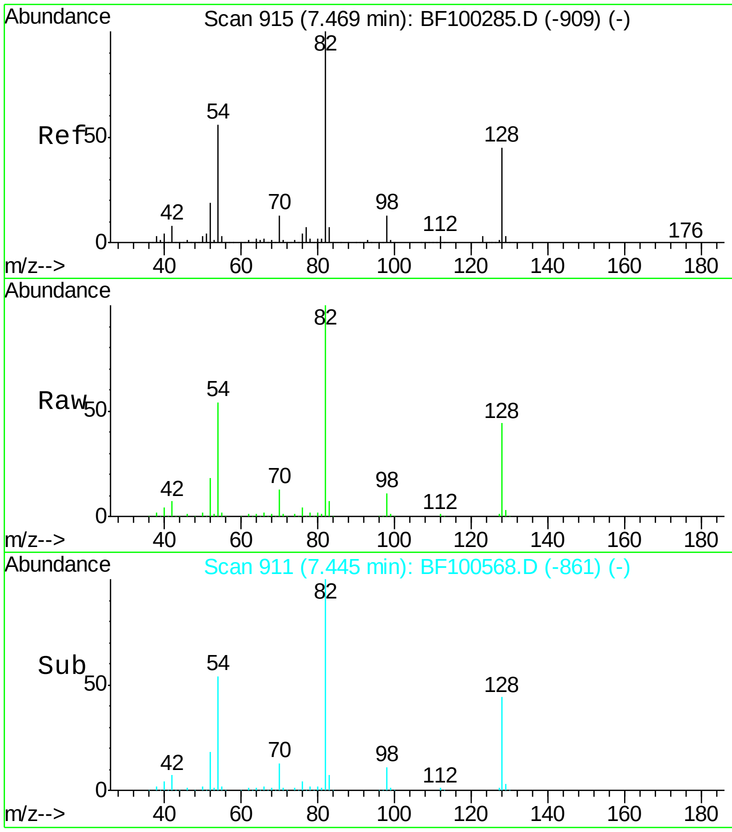


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion:136 Resp: 367659

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.2	5.0	7.4



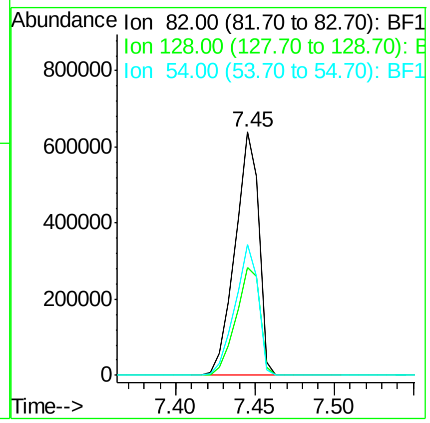


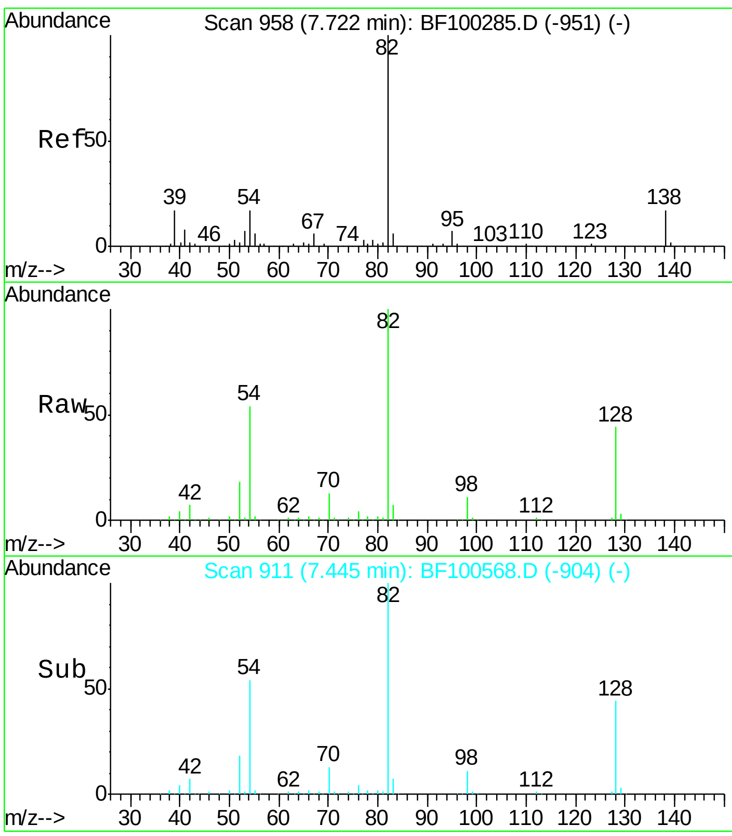
#23
Nitrobenzene-d5
Concen: 118.94 ng
RT: 7.45 min Scan# 911
Delta R.T.   -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion: 82 Resp: 661449

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.8	41.4	62.2

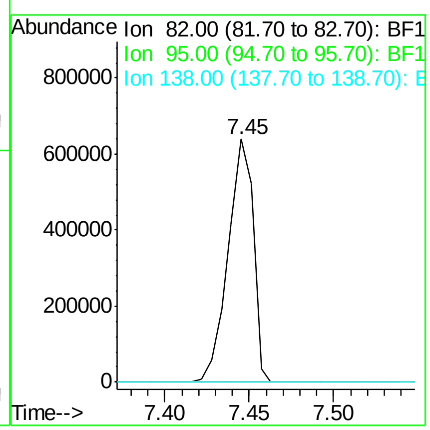


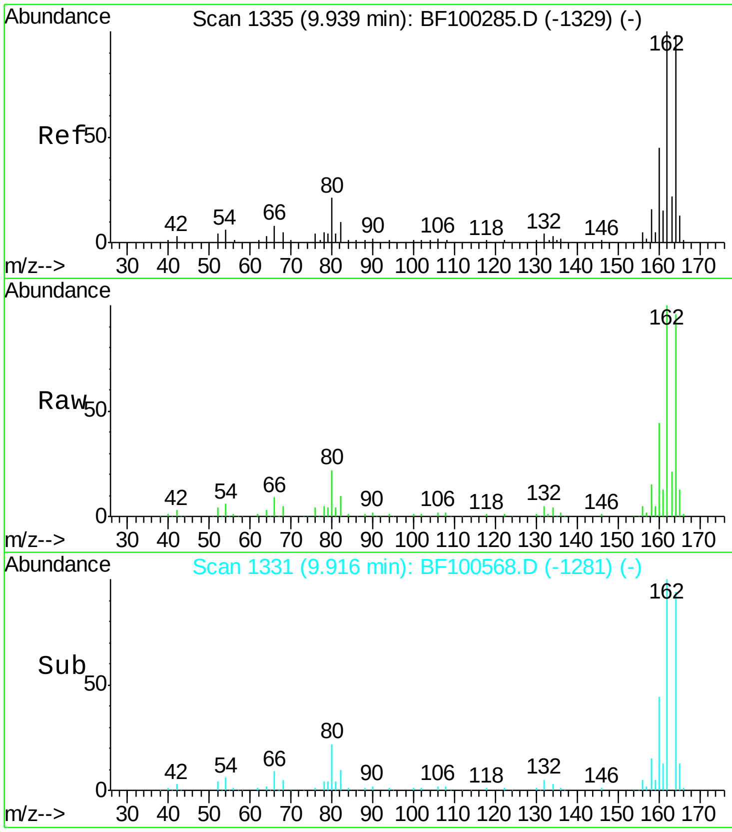


#25
Isophorone
Concen: 56.60 ng
RT: 7.45 min Scan# 911
Delta R.T.   -0.26 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Tgt Ion: 82 Resp: 661441

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



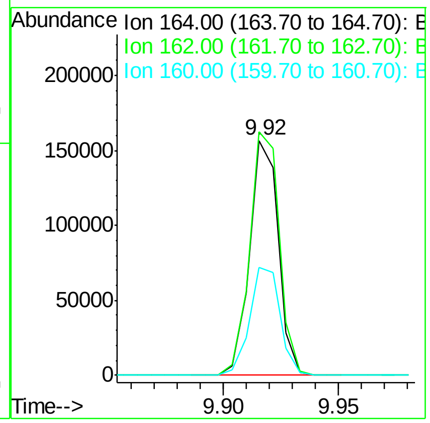


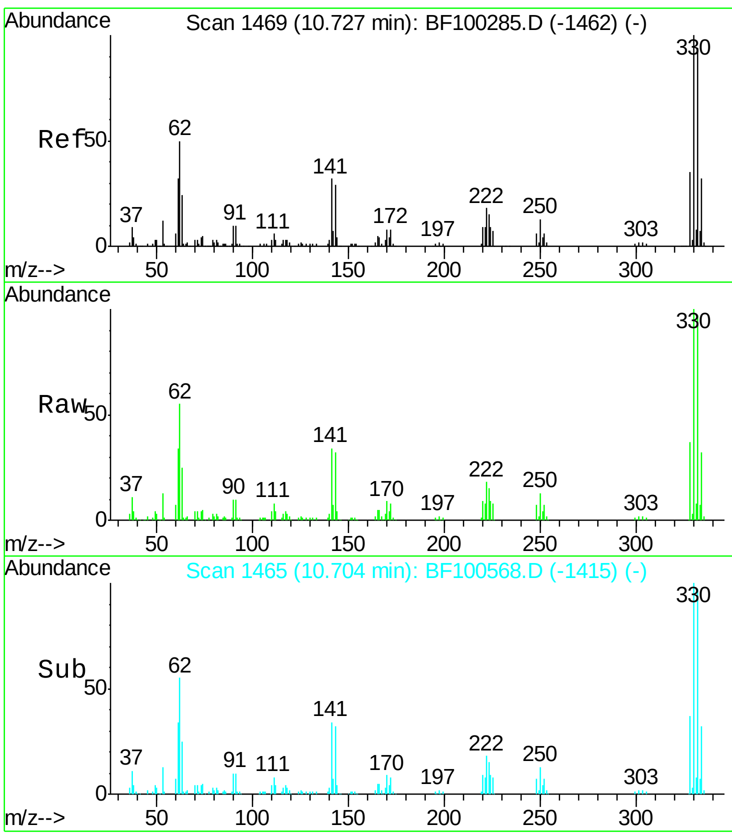
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:164 Resp: 136827

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.0	38.3	57.5

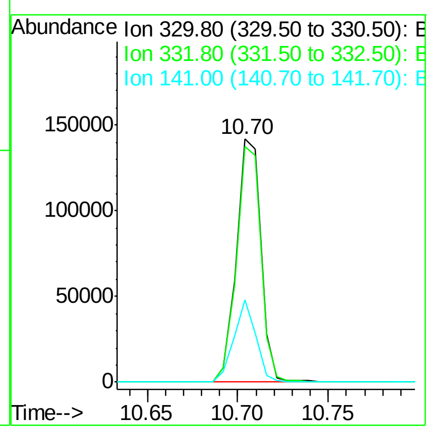


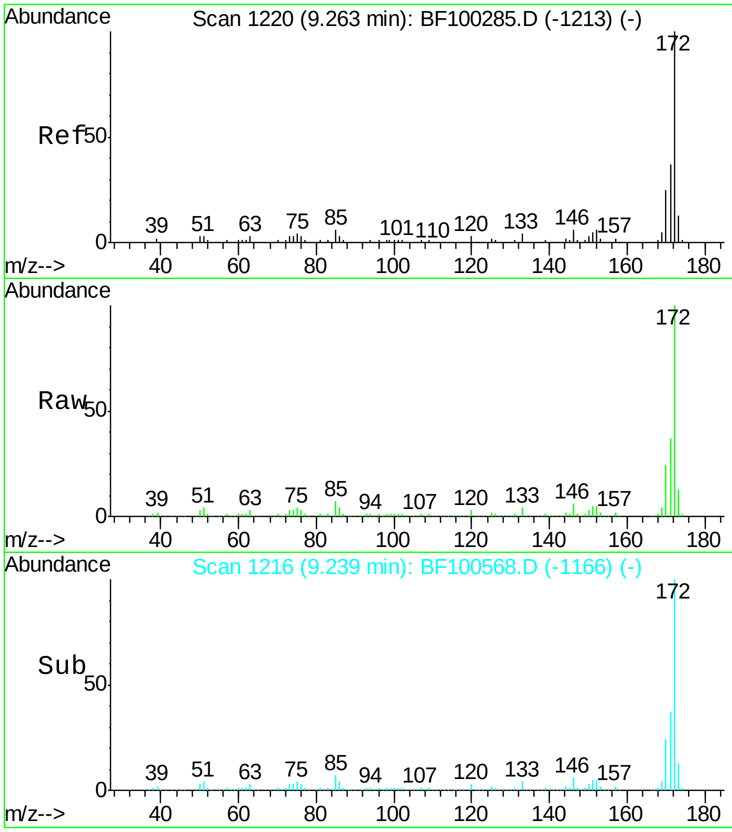


#41
2,4,6-Tribromophenol
Concen: 96.20 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion:330 Resp: 134125

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.3	29.9	44.9



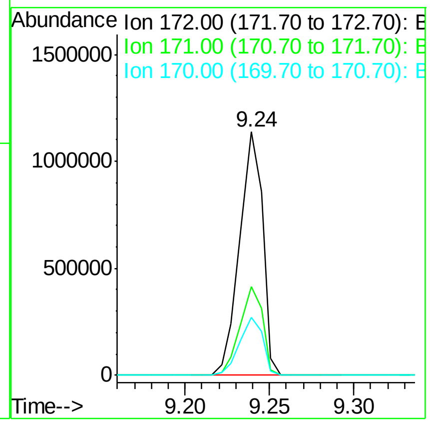


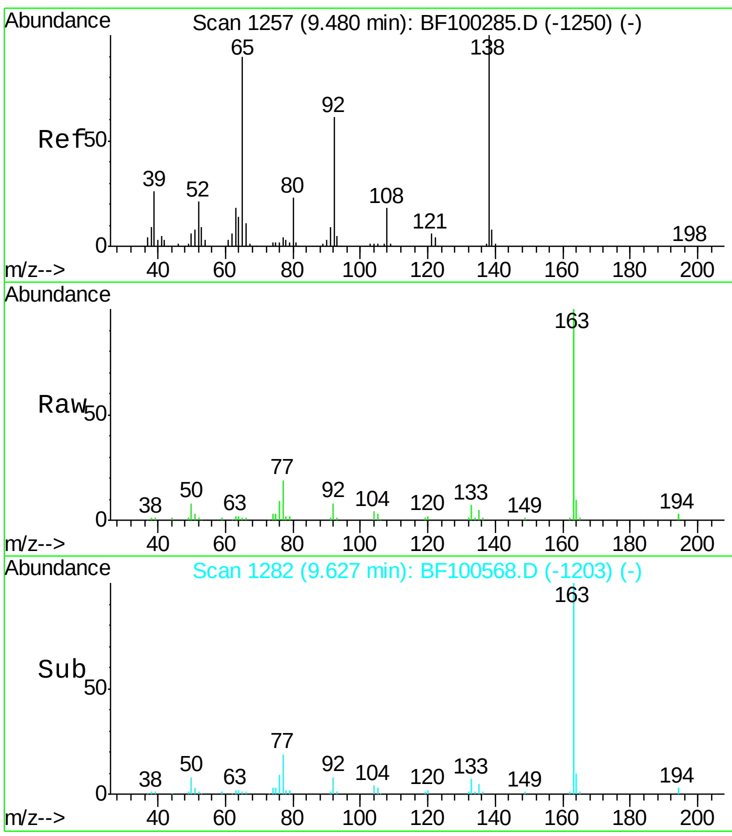
#44
2-Fluorobiphenyl
Concen: 120.71 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:172 Resp: 1084683

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

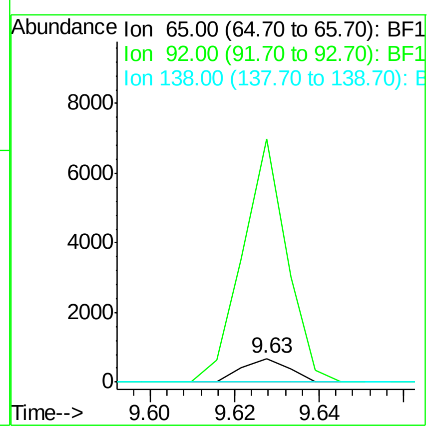


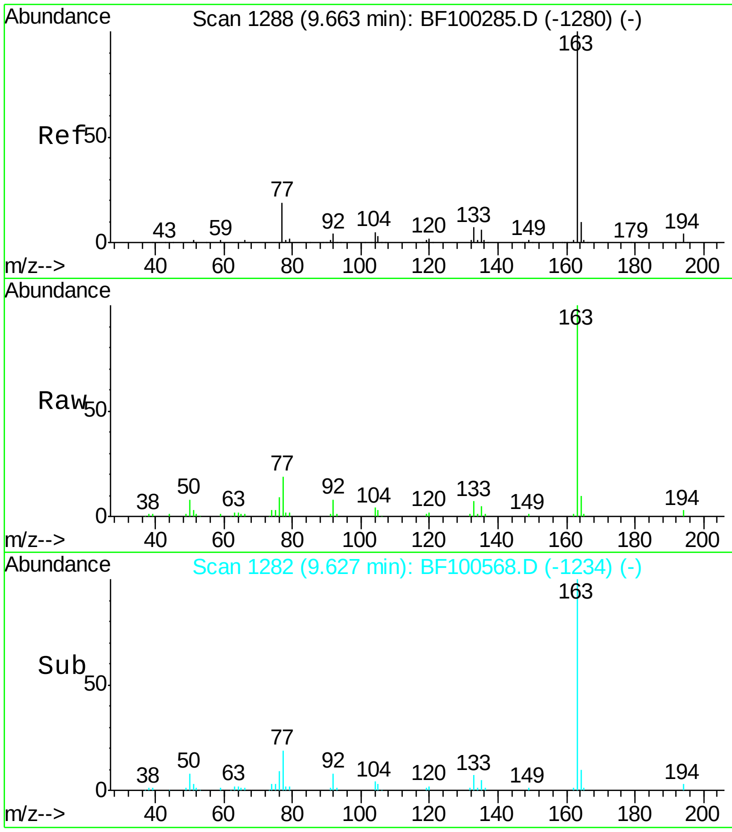


#47
2-Nitroaniline
Concen: 2.98 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion: 65 Resp: 522

Ion	Ratio	Lower	Upper
65	100		
92	1036.5	55.8	83.6#
138	0.0	91.2	136.8#



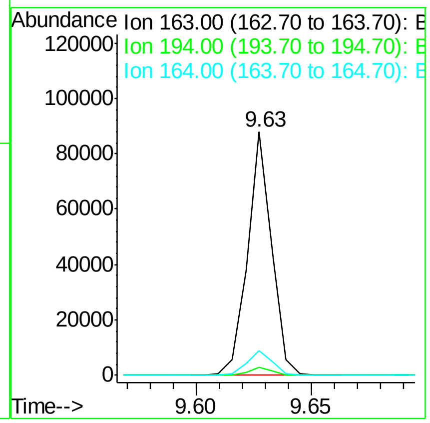


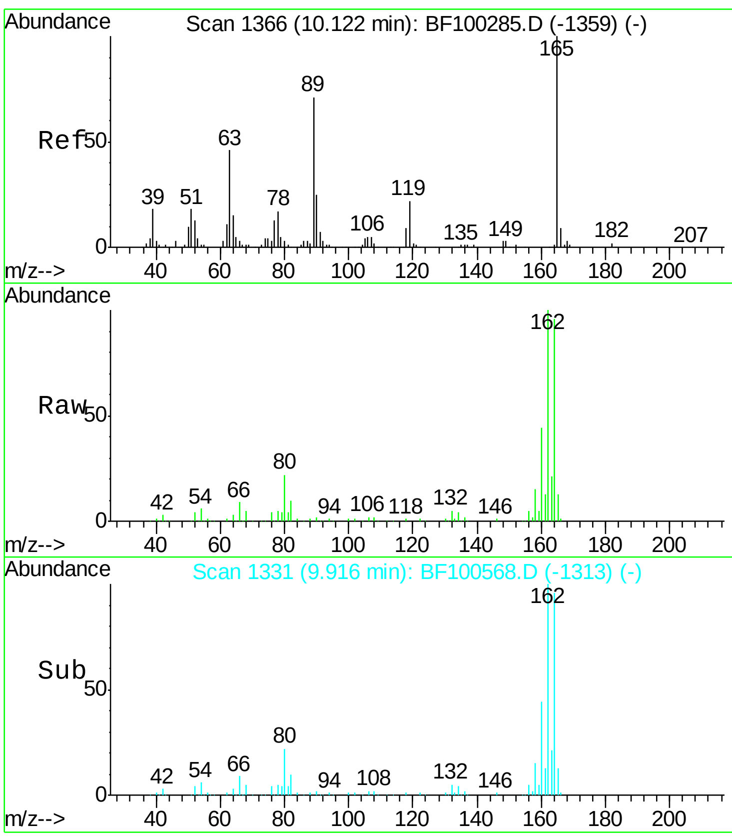
#49
Dimethylphthalate
Concen: 6.13 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:163 Resp: 64083

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

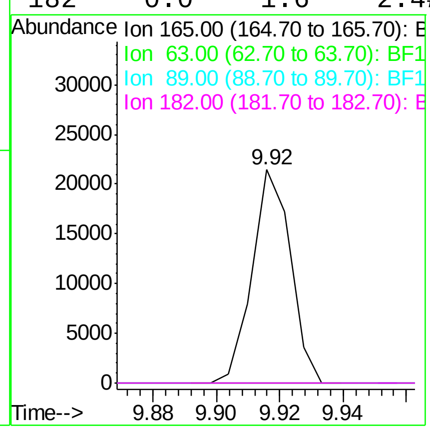


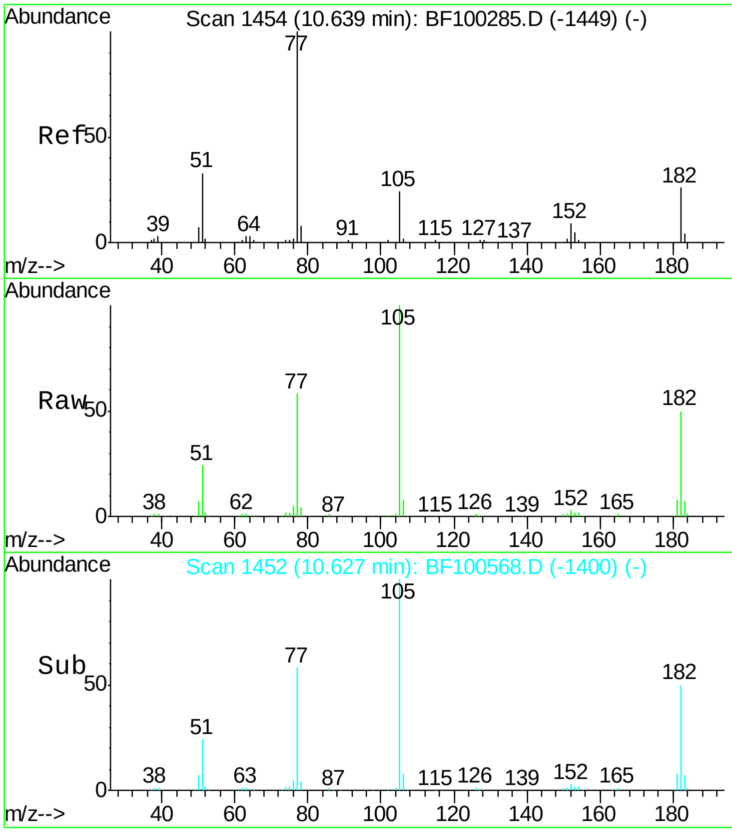


#56
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion:165 Resp: 18020

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



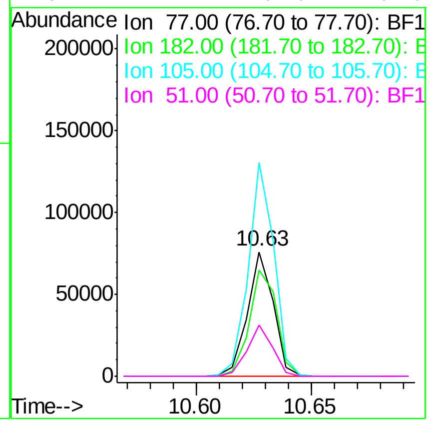


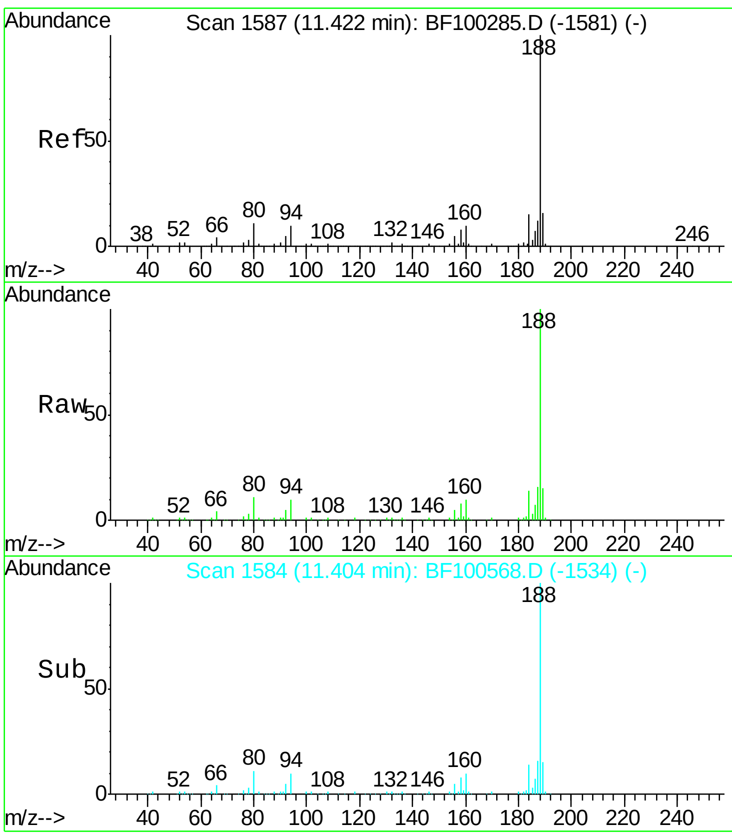
#62
Azobenzene
Concen: 6.06 ng
RT: 10.63 min   Scan# 1452
Delta R.T.   0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Instrument : BNA_F
ClientSampleId : 110817-SIDI-F-D-S

Tgt Ion: 77 Resp: 59703

Ion	Ratio	Lower	Upper
77	100		
182	85.4	1.7	41.7#
105	171.9	3.0	43.0#
51	41.1	9.9	49.9

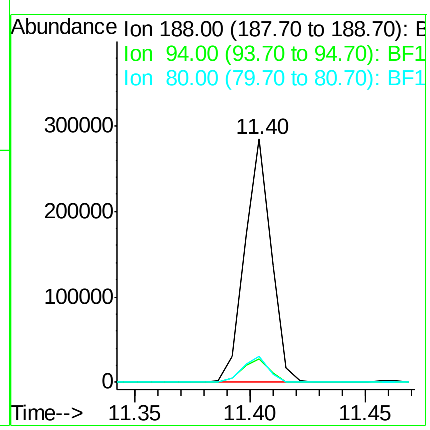


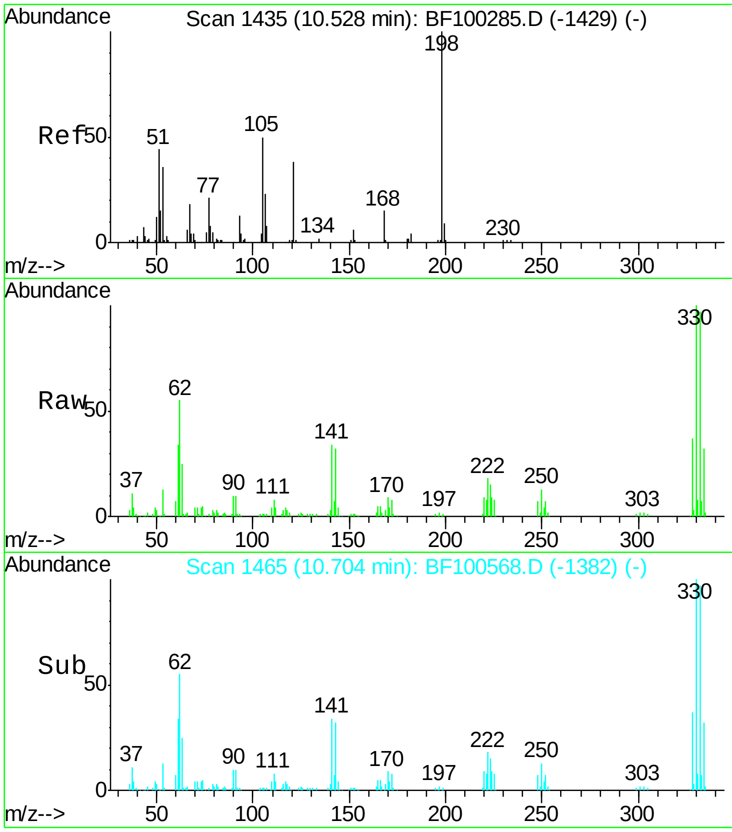


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min   Scan# 1584
Delta R.T.   -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Tgt Ion:188 Resp: 227821

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8



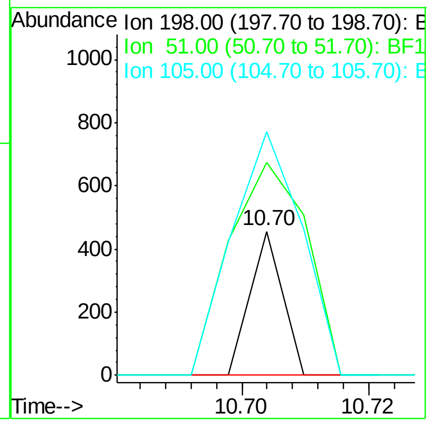


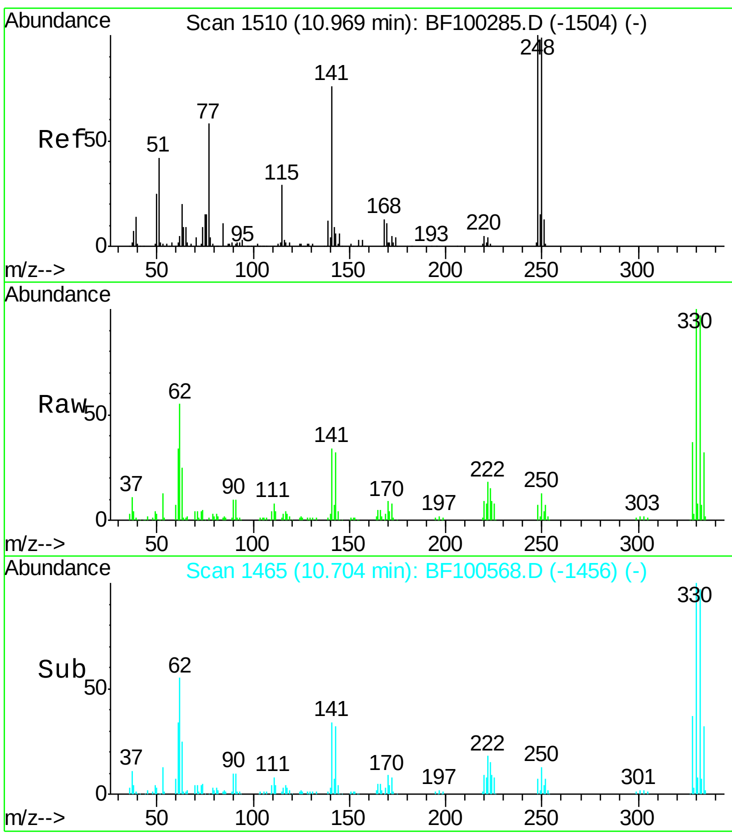
#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:198 Resp: 161

Ion	Ratio	Lower	Upper
198	100		
51	147.7	37.7	77.7#
105	168.7	36.3	76.3#

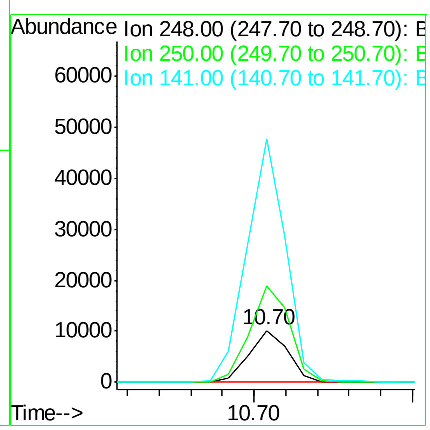


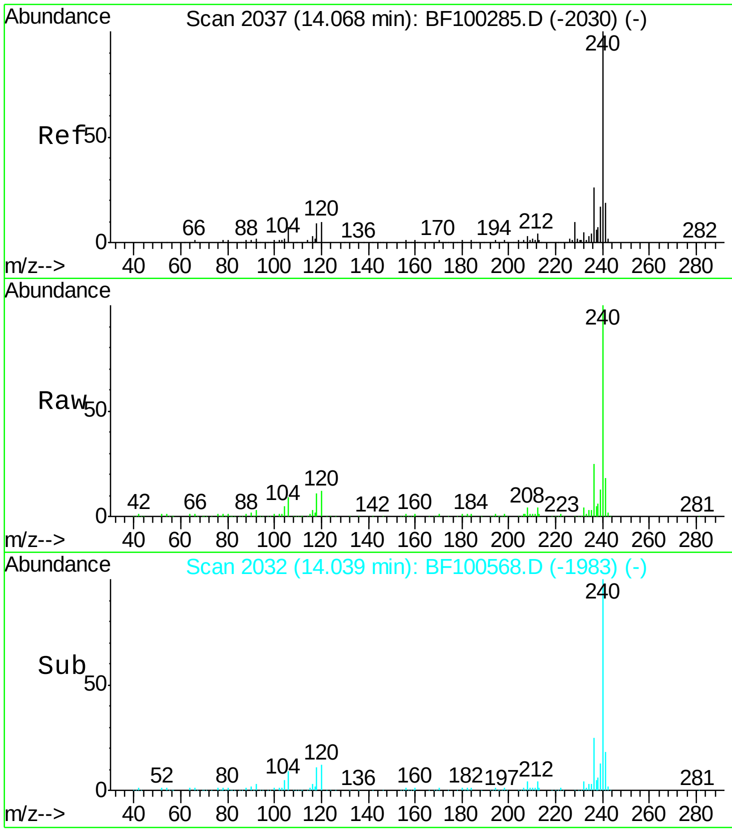


#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Tgt Ion:248 Resp: 8715

Ion	Ratio	Lower	Upper
248	100		
250	186.0	76.9	115.3#
141	466.7	74.4	111.6#



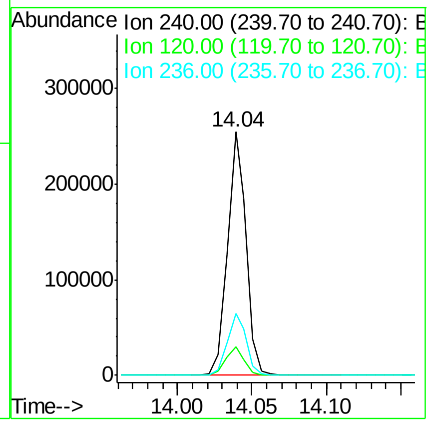


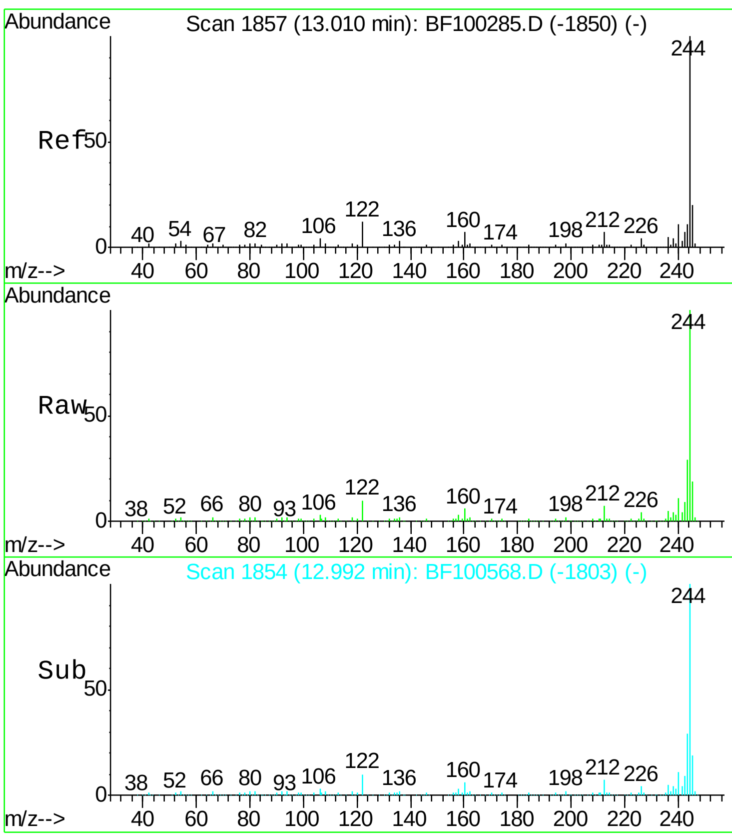
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min   Scan# 2032
Delta R.T.   -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:240 Resp: 224318

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.4	20.7	31.1

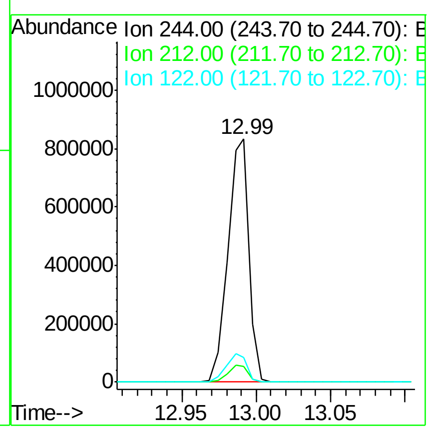


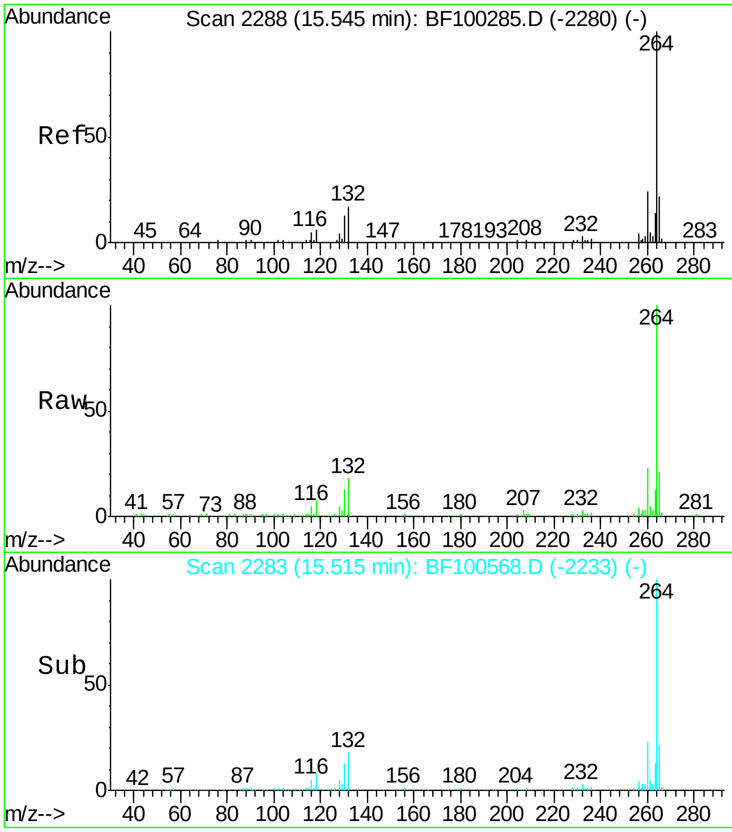


#78
Terphenyl-d14
Concen: 85.19 ng
RT: 12.99 min   Scan# 1854
Delta R.T.   -0.00 min
Lab File: BF100568.D
Acq: 15 Nov 2017   4:47

Tgt Ion:244 Resp: 831674

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100568.D
Acq: 15 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :
110817-SIDI-F-D-S

Tgt Ion:264 Resp: 153598

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3