Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100436.D
Acq On : 11 Nov 2017 13:15
Operator : SJ/JU
Sample : I6399-17 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

Quant Time: Nov 13 01:07:12 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	137787	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	477786	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	177067	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	295819	20.00	ng	0.00
75) Chrysene-d12	14.07	240	298257	20.00	ng	0.00
86) Perylene-d12	15.55	264	217212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	182732	21.26	ng	0.00
7) Phenol-d6	6.52	99	213309	20.12	ng	-0.01
23) Nitrobenzene-d5	7.46	82	117830	16.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	30913	17.13	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	195421	16.81	ng	0.00
78) Terphenyl-d14	13.01	244	143369	11.04	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	14928	2.03	ng	# 83
25) Isophorone	7.46	82	117688	7.75	ng	# 64
47) 2-Nitroaniline	9.26	65	295	2.87	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	21739	8.12	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	21739	6.44	ng	# 24

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100436.D
Acq On : 11 Nov 2017 13:15
Operator : SJ/JU
Sample : I6399-17 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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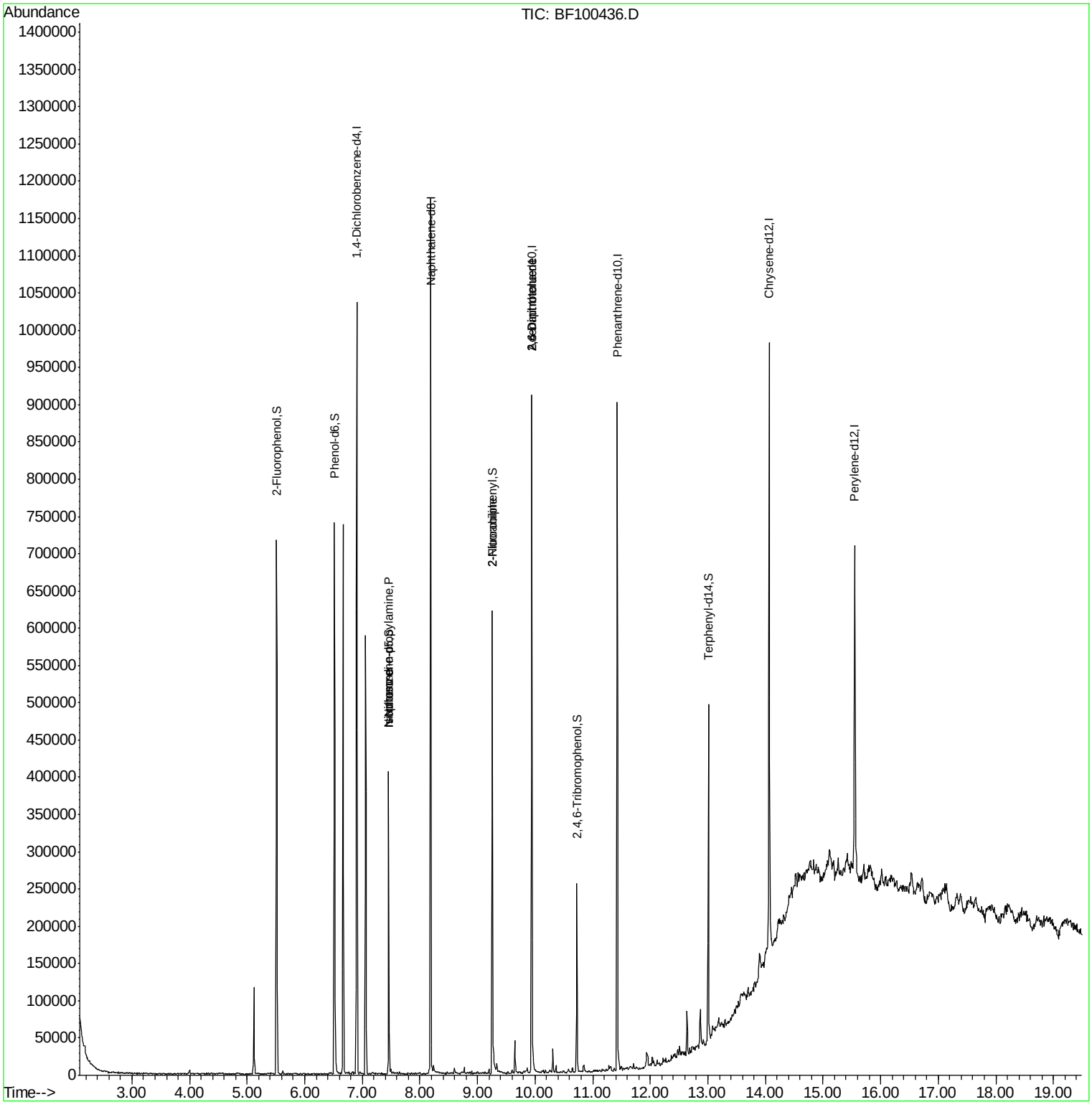
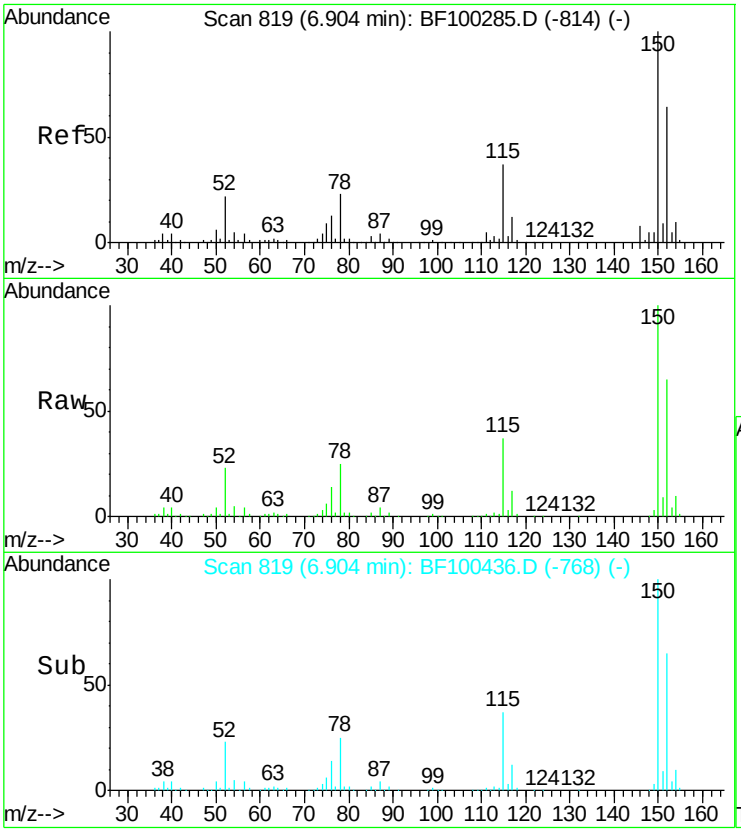


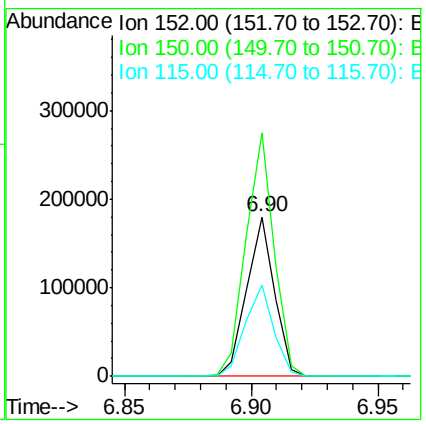


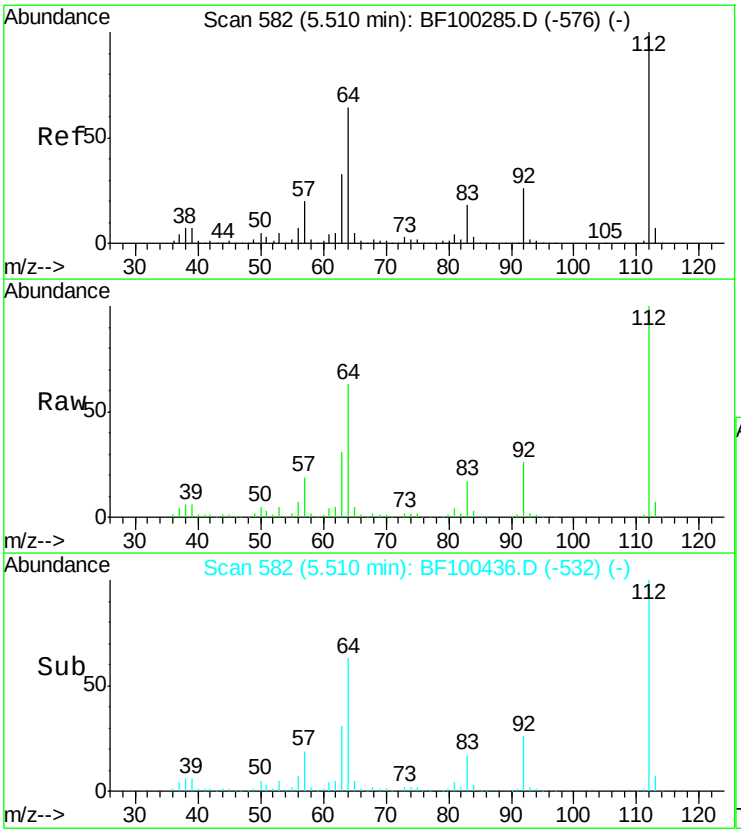
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:152 Resp: 137787

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	57.0	50.1	75.1

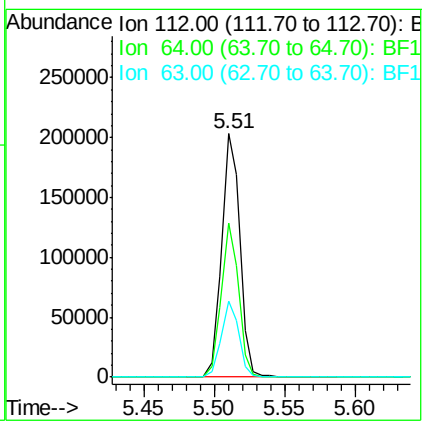


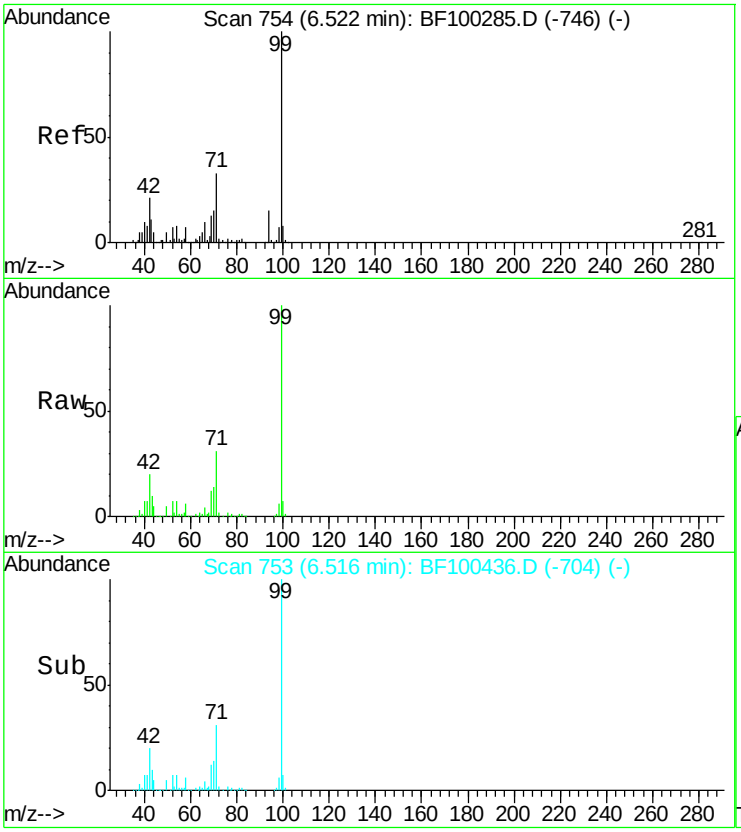


#5
2-Fluorophenol
Concen: 21.26 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:112 Resp: 182732

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	31.3	23.7	35.5



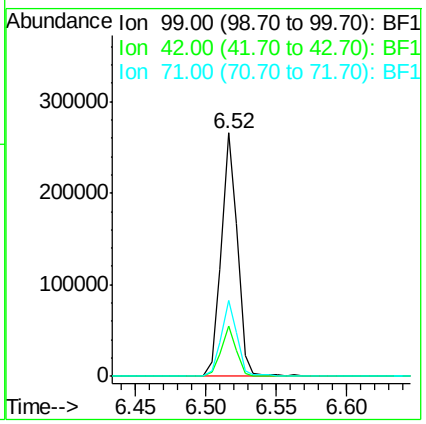


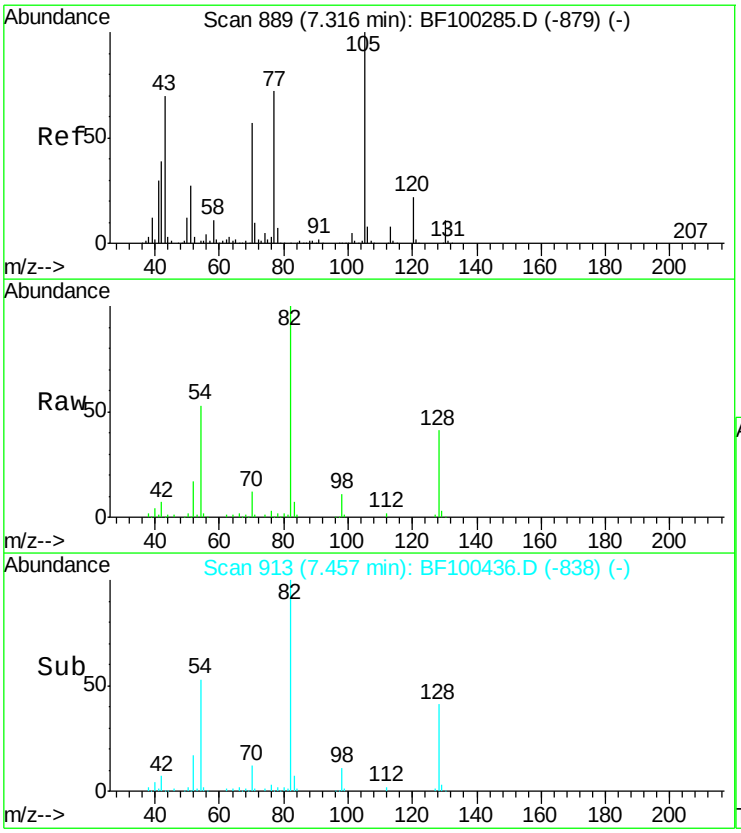
#7
Phenol-d6
Concen: 20.12 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 99 Resp: 213309

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	31.2	25.4	38.0

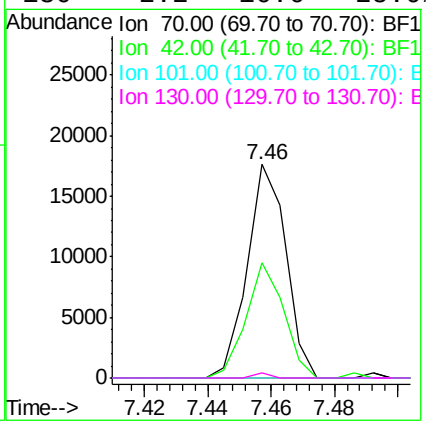


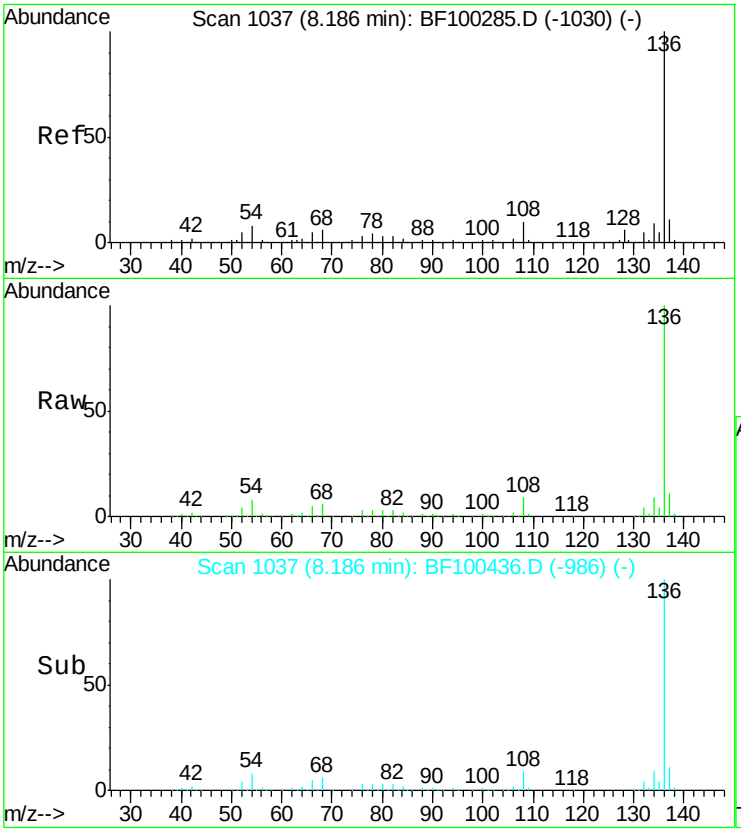


#19
n-Nitroso-di-n-propylamine
Concen: 2.03 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion: 70 Resp: 14928

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



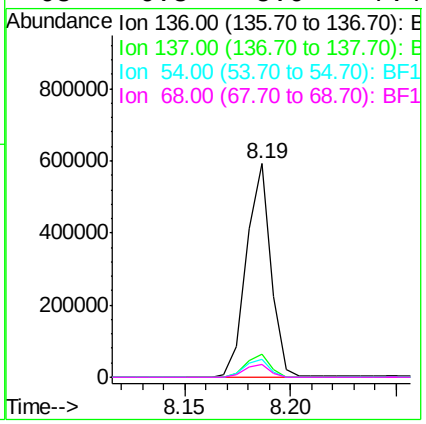


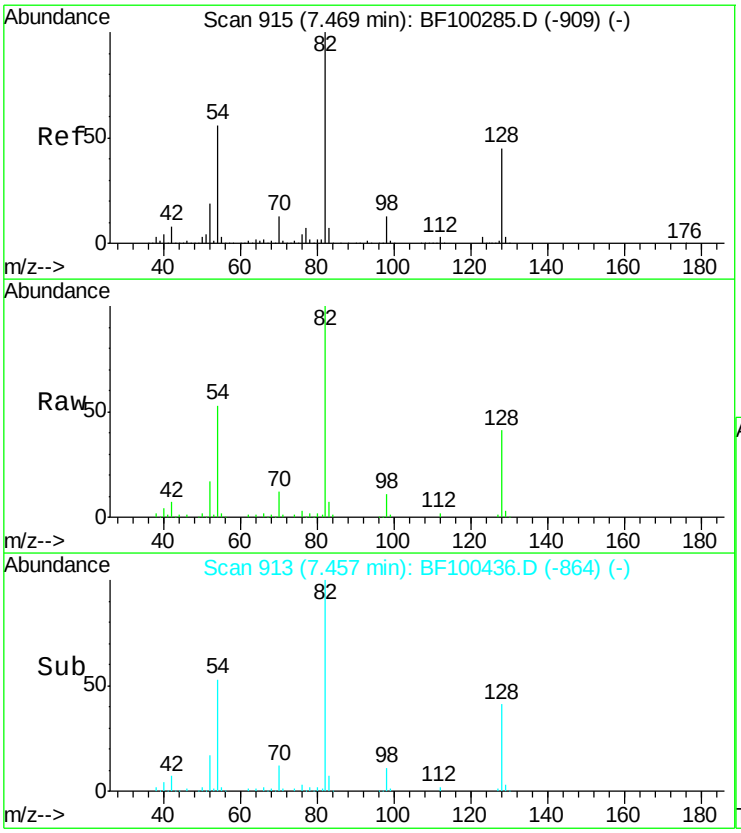
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:136 Resp: 477786

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

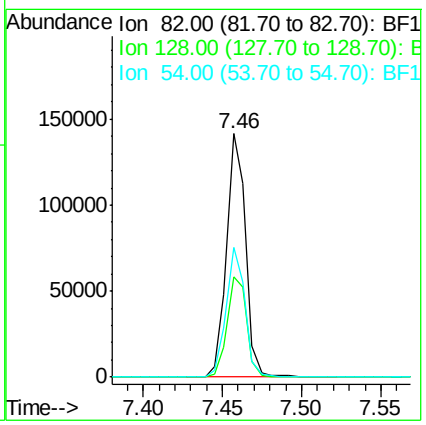


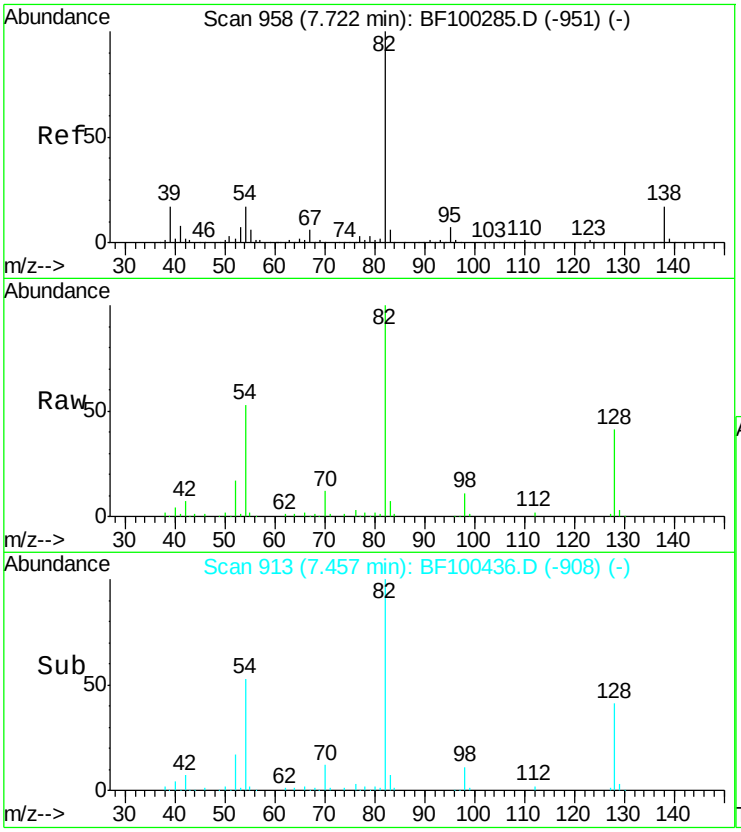


#23
Nitrobenzene-d5
Concen: 16.30 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion: 82 Resp: 117830

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	53.4	41.4	62.2



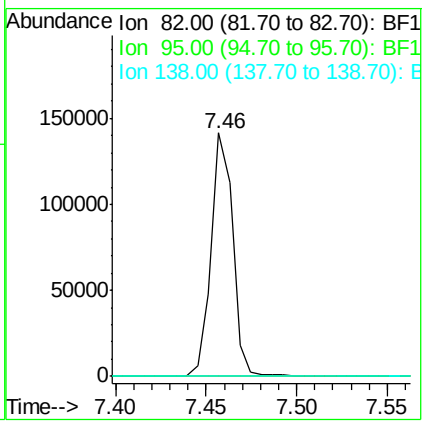


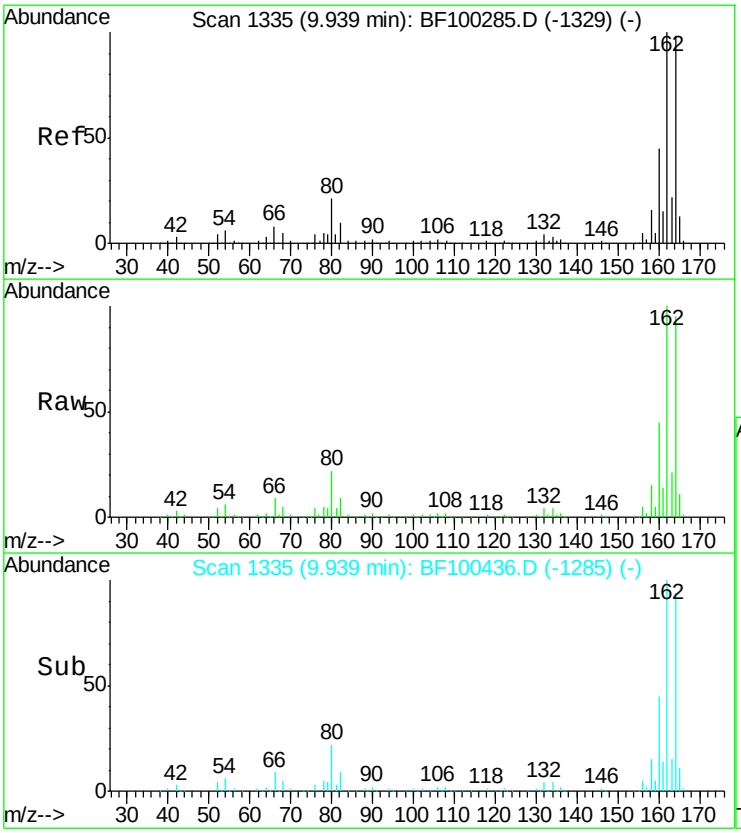
#25
Isophorone
Concen: 7.75 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.27 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 82 Resp: 117688

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

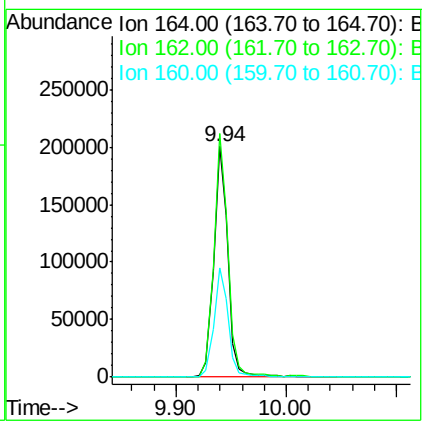


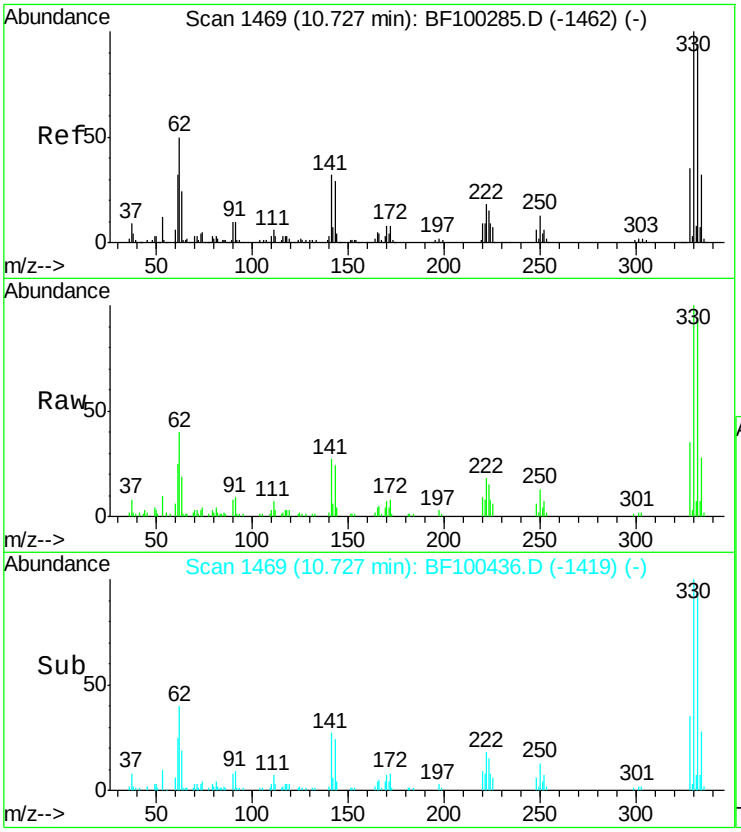


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:164 Resp: 177067

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.4	38.3	57.5



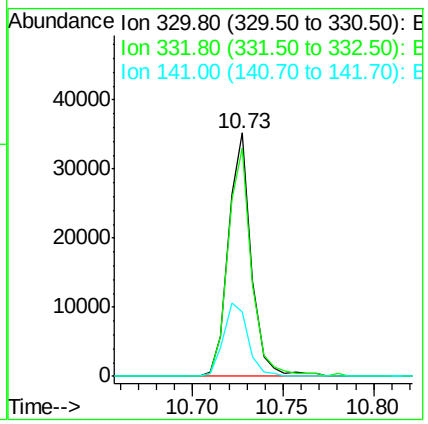


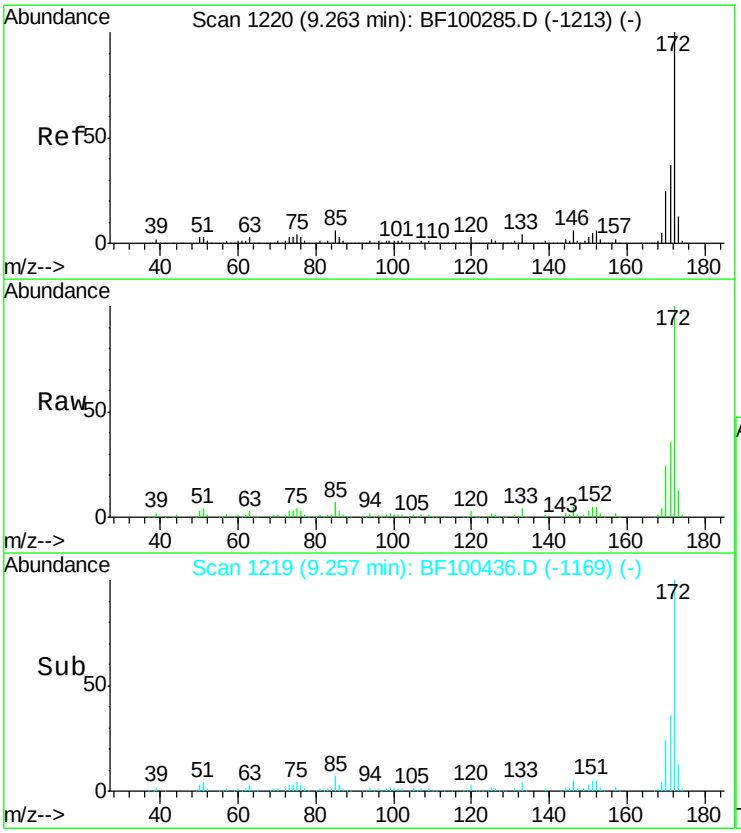
#41
2,4,6-Tribromophenol
Concen: 17.13 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:330 Resp: 30913

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	29.9	44.9

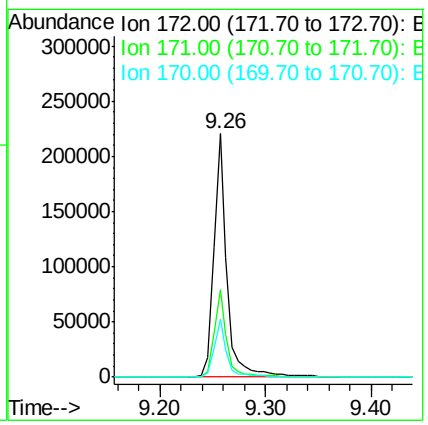


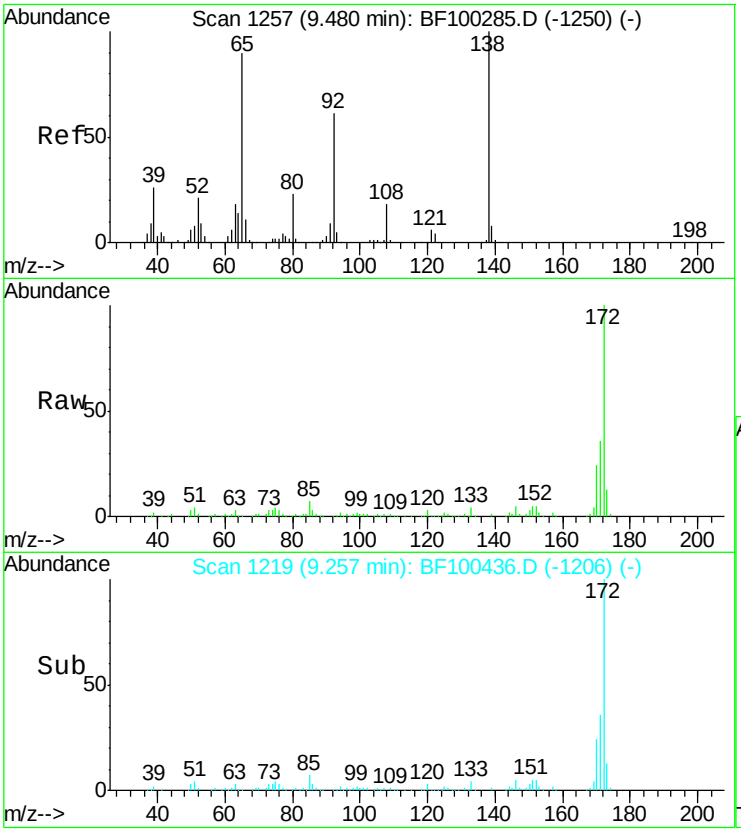


#44
2-Fluorobiphenyl
Concen: 16.81 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:172 Resp: 195421

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4



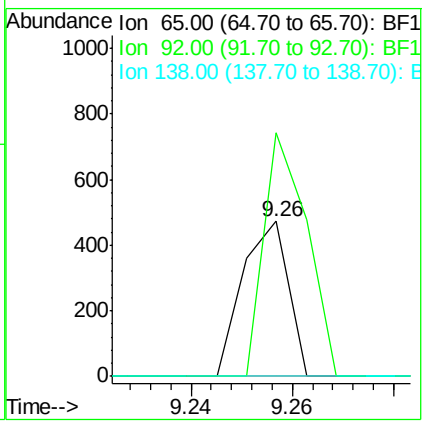


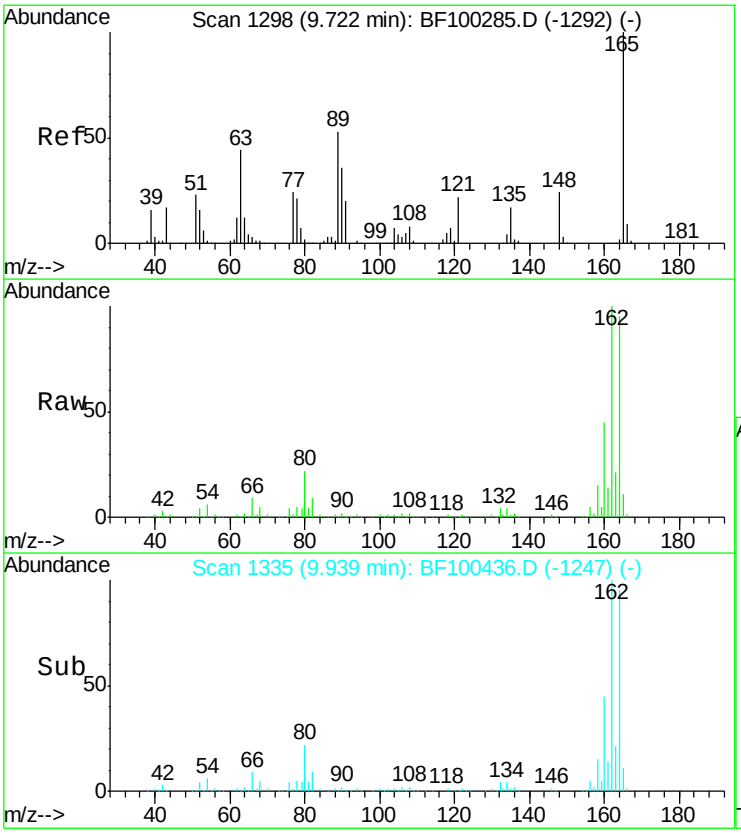
#47
2-Nitroaniline
Concen: 2.87 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 65 Resp: 295

Ion	Ratio	Lower	Upper
65	100		
92	156.9	55.8	83.6#
138	0.0	91.2	136.8#

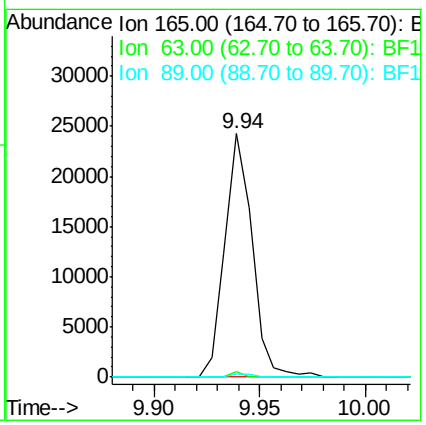


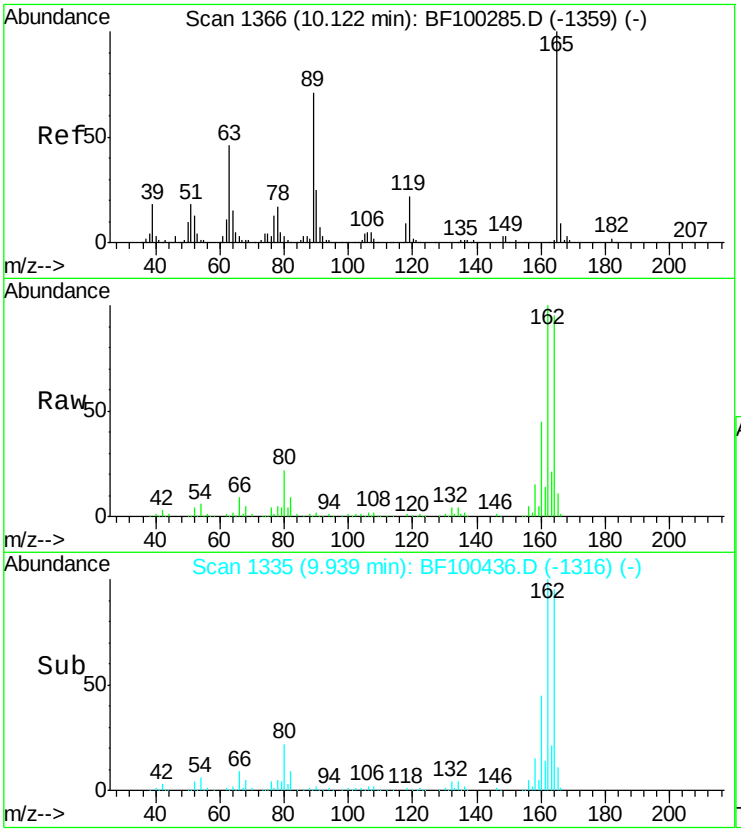


#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:165 Resp: 21739

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	1.3	44.0	66.0#



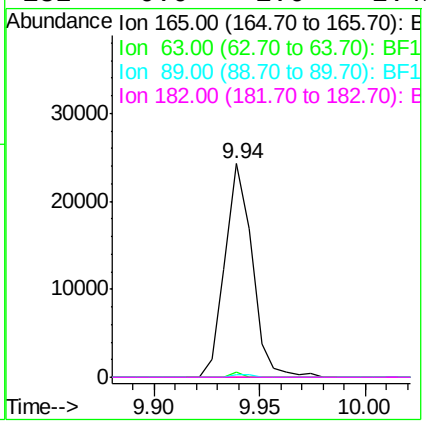


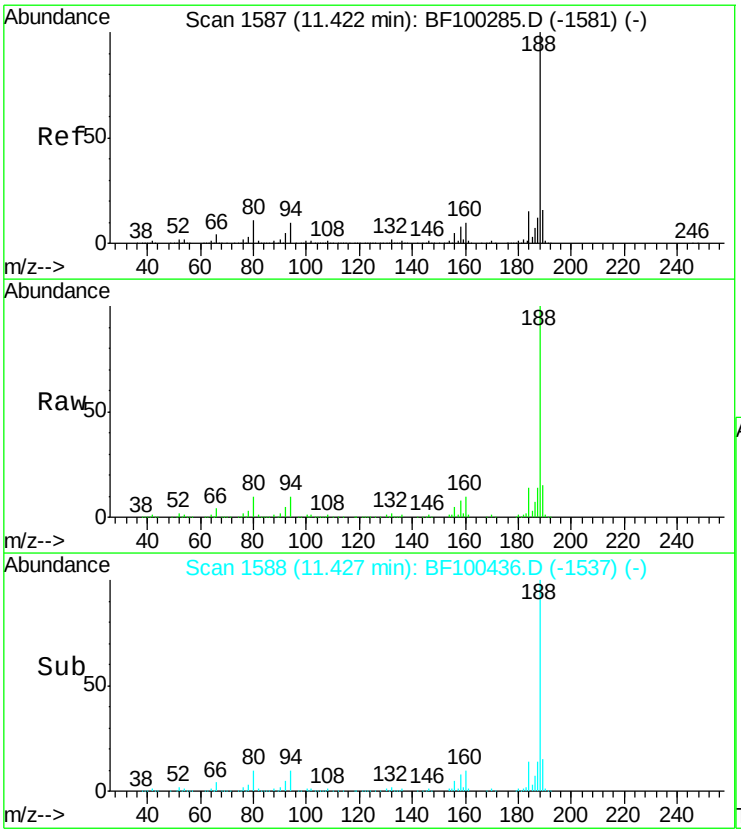
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:165 Resp: 21739

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

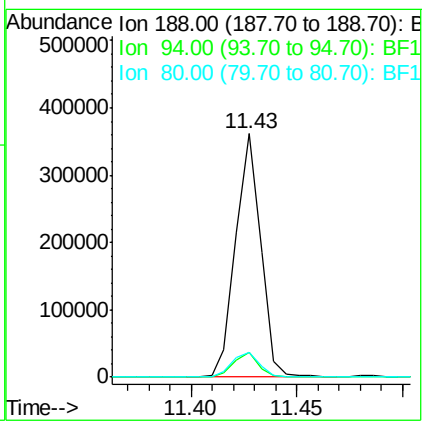


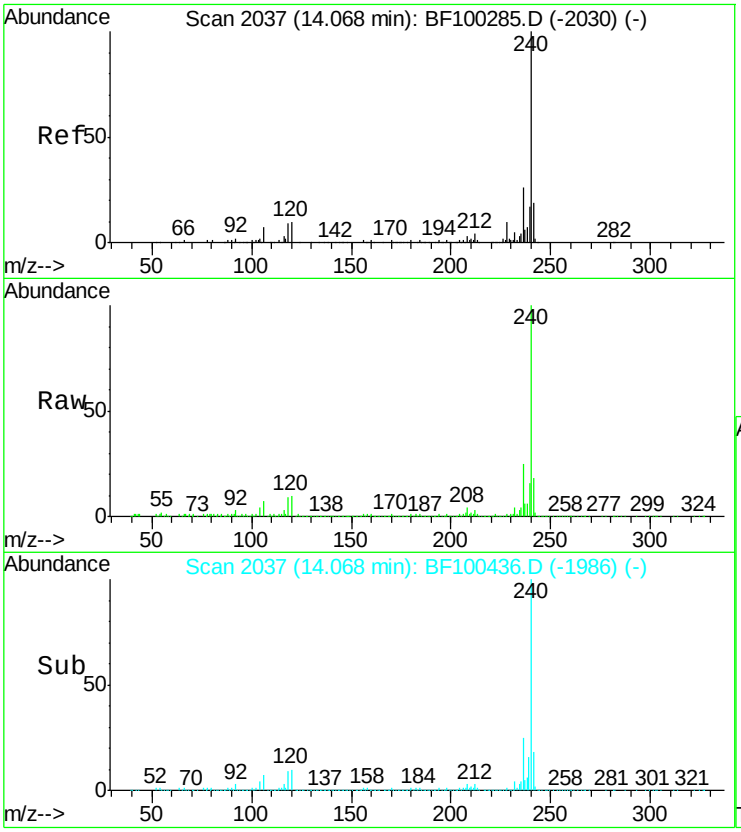


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:188 Resp: 295819

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8



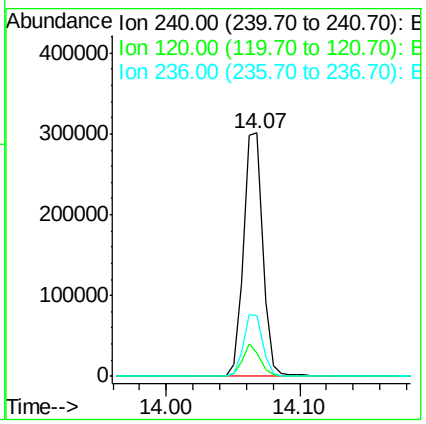


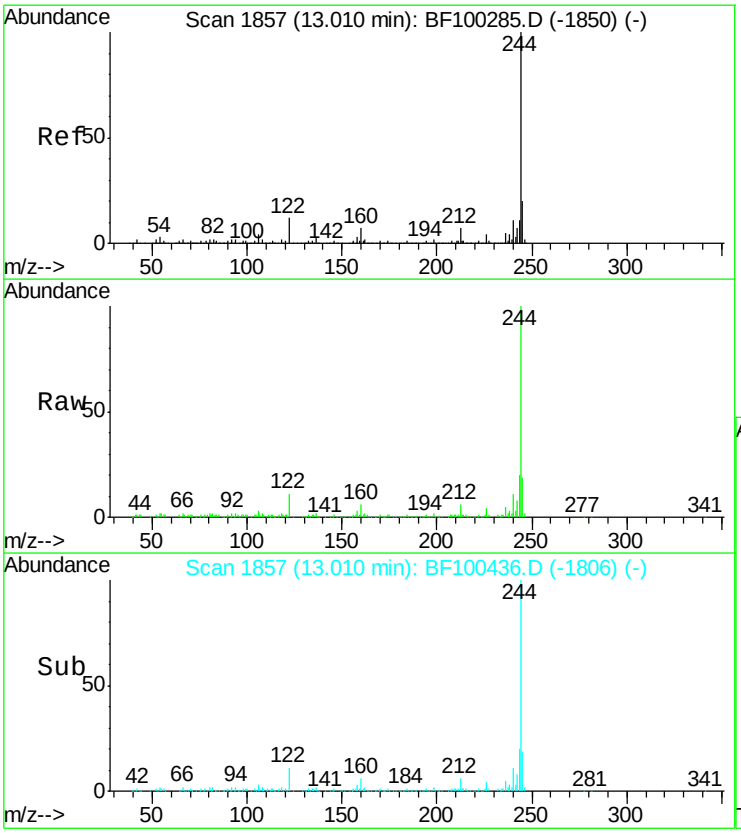
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:240 Resp: 298257

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.1	20.7	31.1

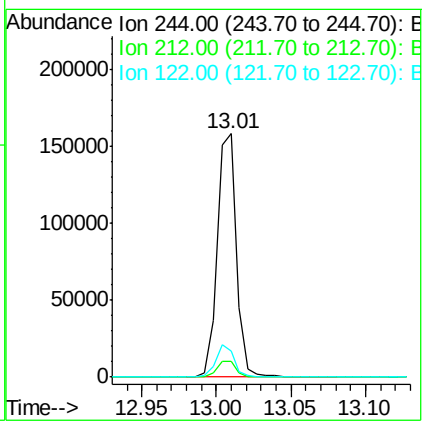


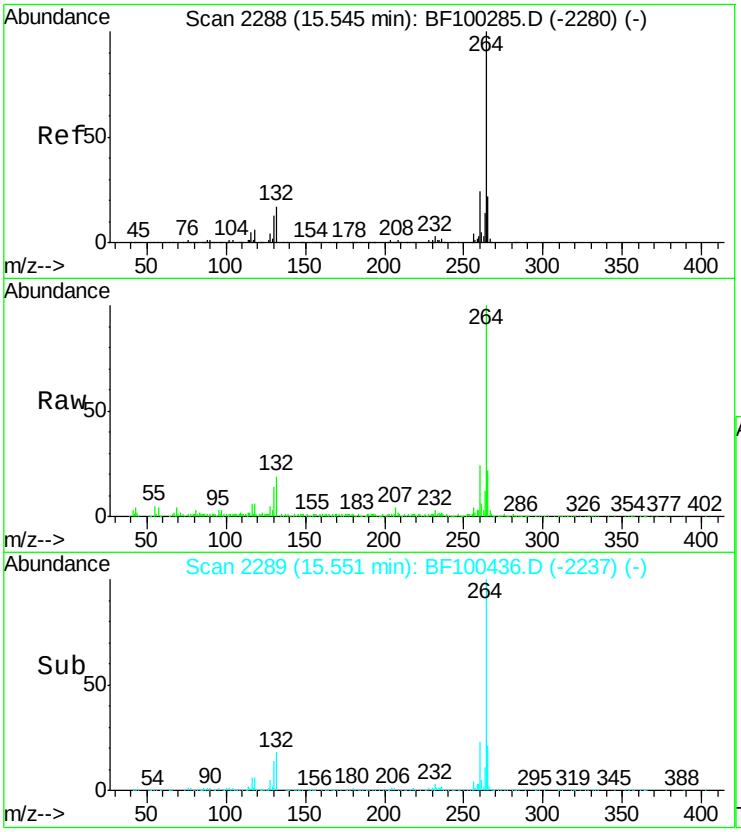


#78
Terphenyl-d14
Concen: 11.04 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Tgt Ion:244 Resp: 143369

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100436.D
Acq: 11 Nov 2017 13:15

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:264 Resp: 217212

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3