Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\

Quantitation Report (Not Reviewed)

Data File : BF100660.D
Acq On : 17 Nov 2017 5:27
Operator : SJ/JU
Sample : I6491-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 111317-SIDI-E-D-B

Quant Time: Nov 17 06:22:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107766	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	410979	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181594	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	304542	20.00	ng	0.00
75) Chrysene-d12	14.04	240	220035	20.00	ng	0.00
86) Perylene-d12	15.52	264	218976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	249009	37.04	ng	0.00
7) Phenol-d6	6.50	99	187130	22.57	ng	-0.01
23) Nitrobenzene-d5	7.45	82	627492	100.94	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146676	79.27	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1159793	97.25	ng	0.00
78) Terphenyl-d14	12.99	244	782090	81.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	81205	14.12	ng	# 79
25) Isophorone	7.45	82	627098	48.01	ng	# 64
47) 2-Nitroaniline	9.24	65	1676	3.25	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	22768	8.30	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	22768	6.58	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	151	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9393	2.88	ng	# 1

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

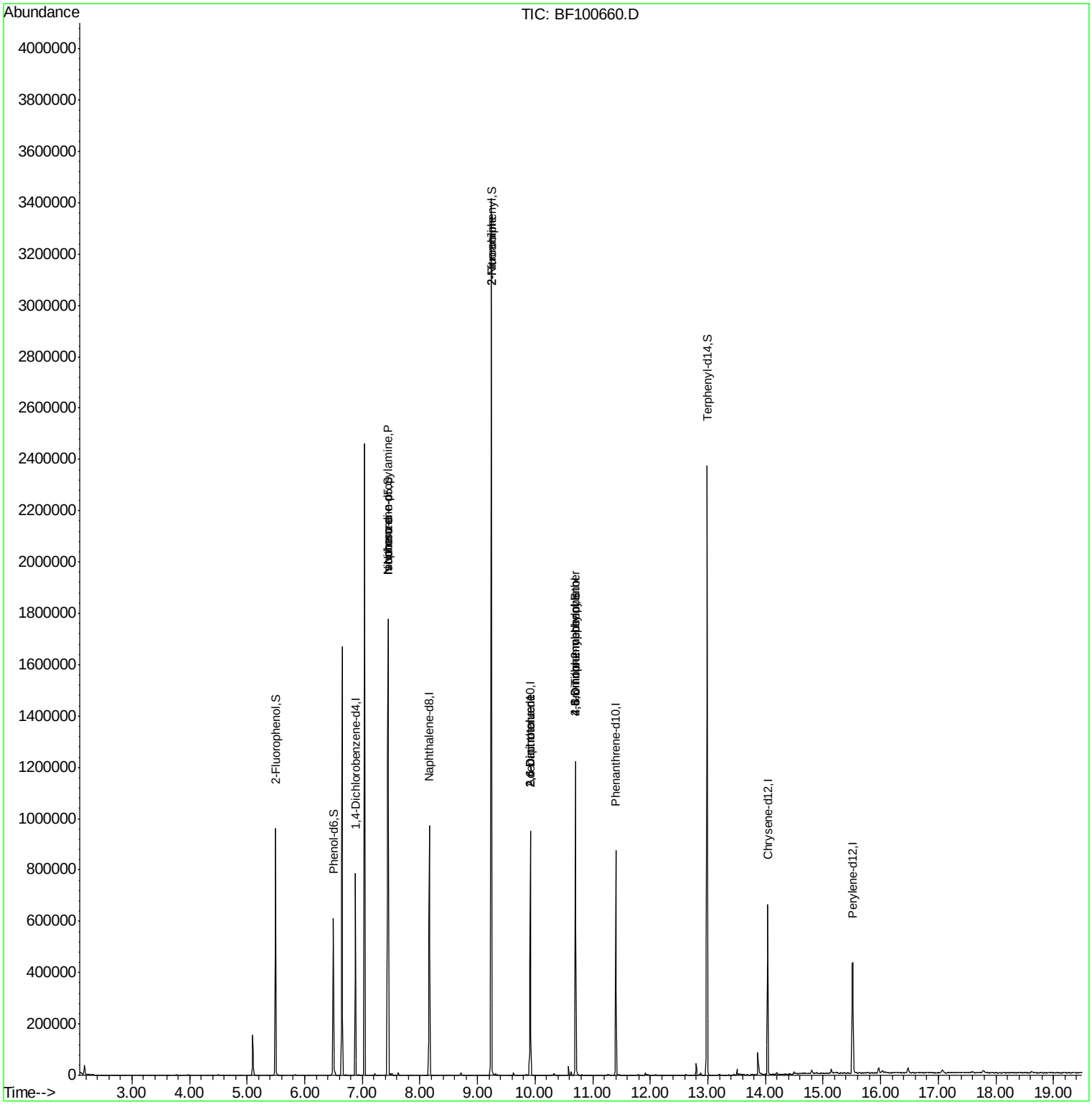
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\

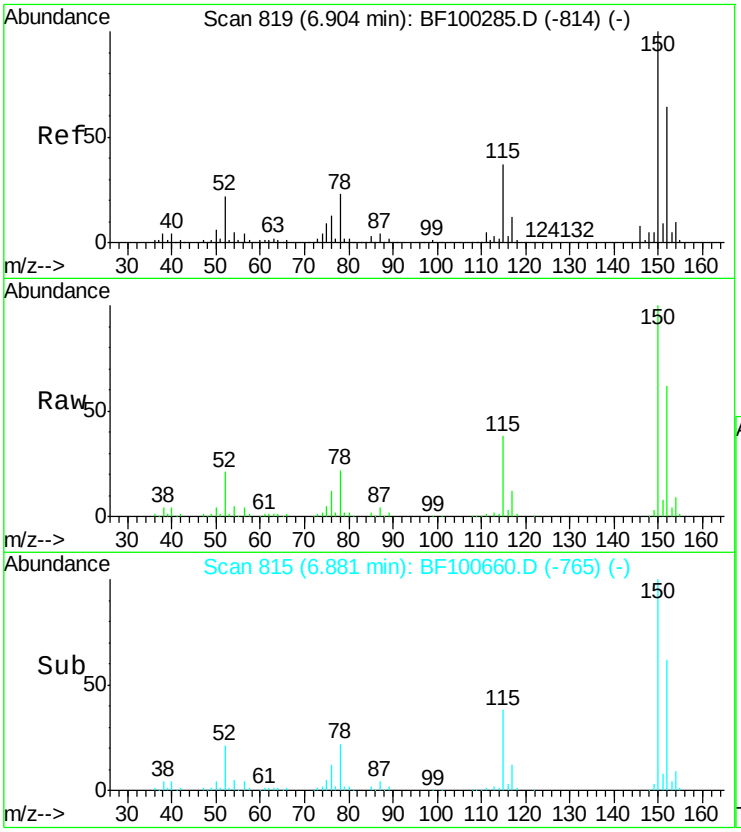
Quantitation Report (Not Reviewed)

Data File : BF100660.D
Acq On : 17 Nov 2017 5:27
Operator : SJ/JU
Sample : I6491-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Quant Time: Nov 17 06:22:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration



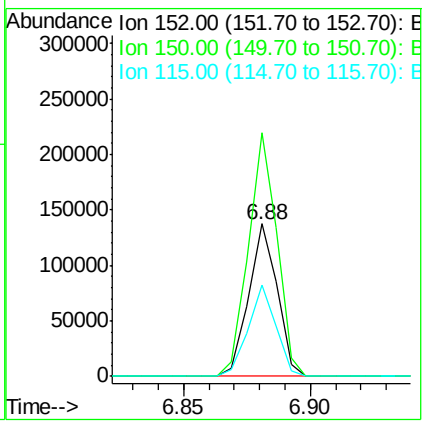


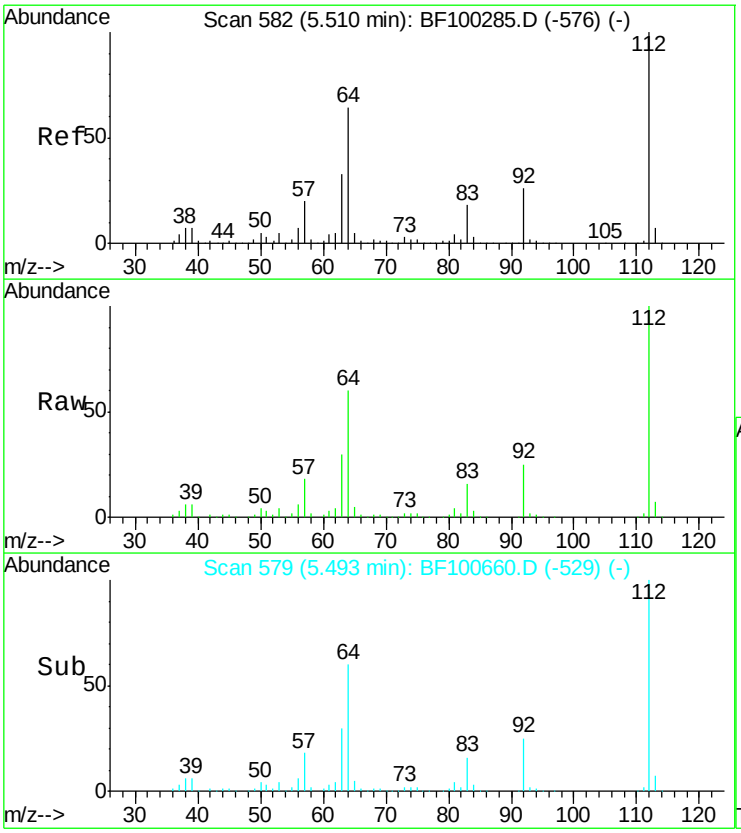
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:152 Resp: 107766

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.1	50.1	75.1

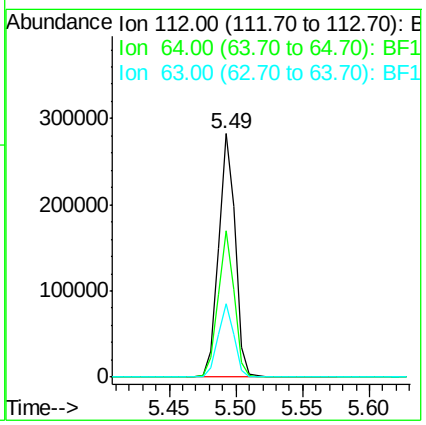


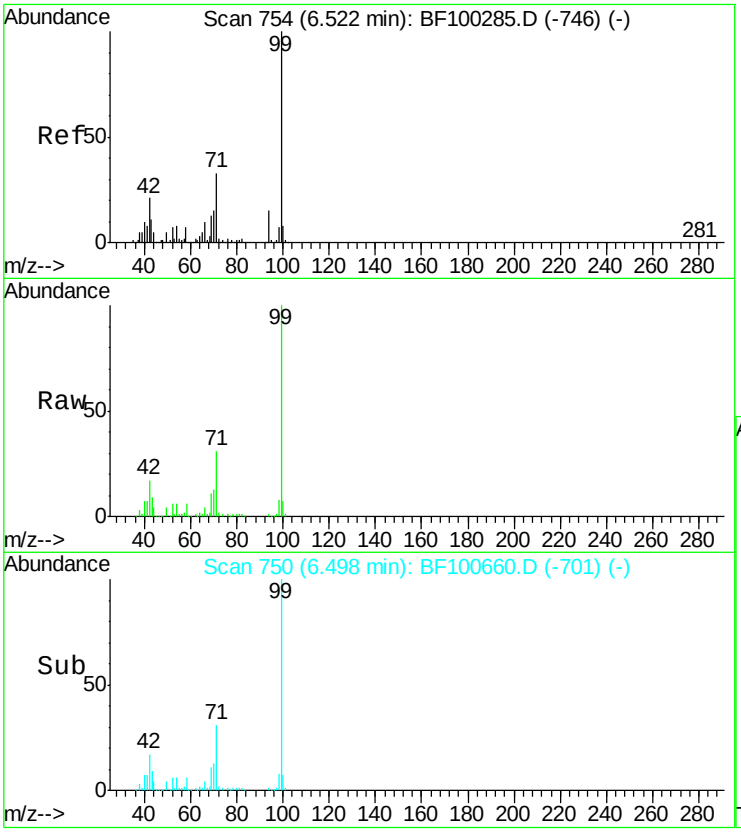


#5
2-Fluorophenol
Concen: 37.04 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:112 Resp: 249009

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.1	23.7	35.5



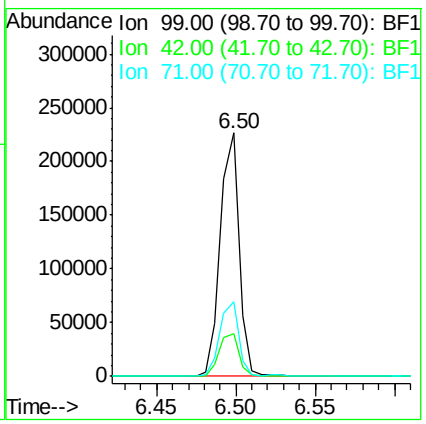


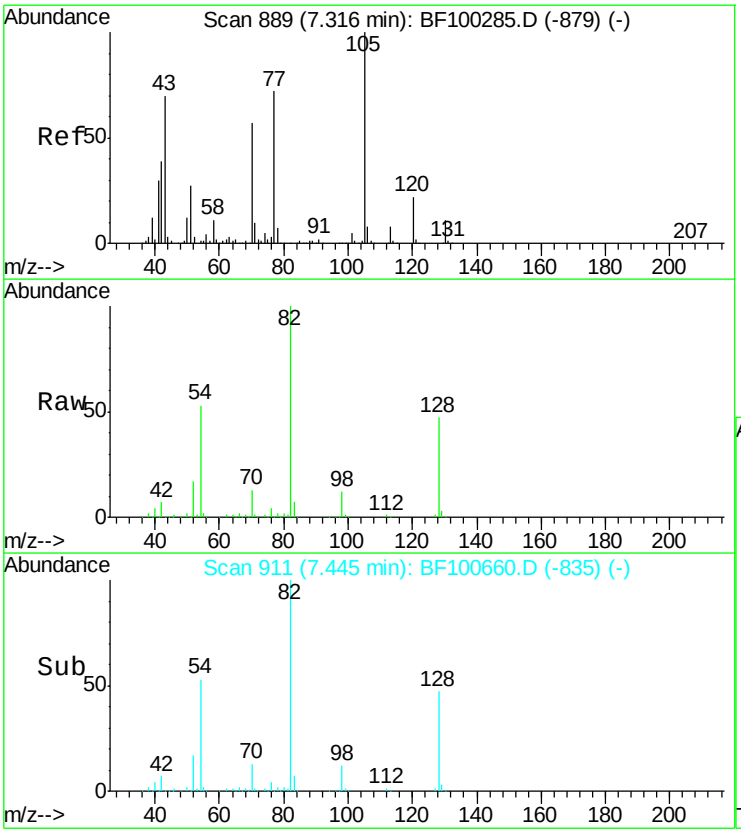
#7
Phenol-d6
Concen: 22.57 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion: 99 Resp: 187130

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	30.7	25.4	38.0

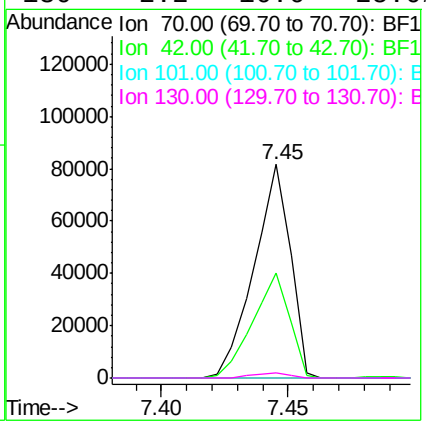


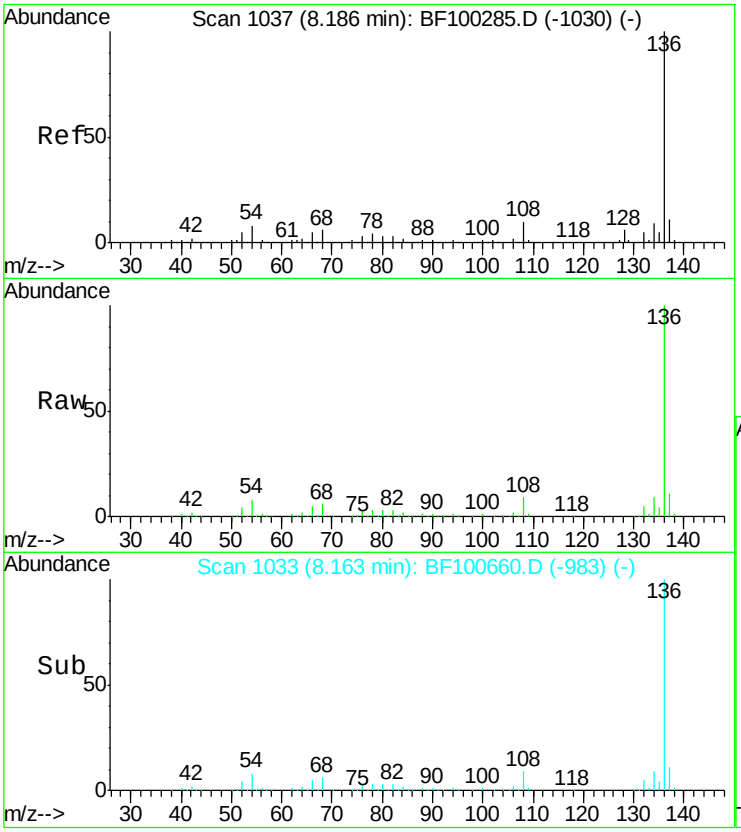


#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion: 70 Resp: 81205

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



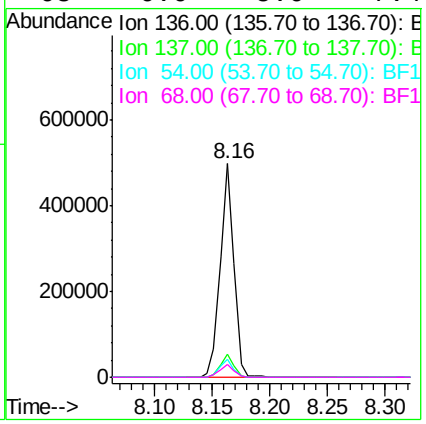


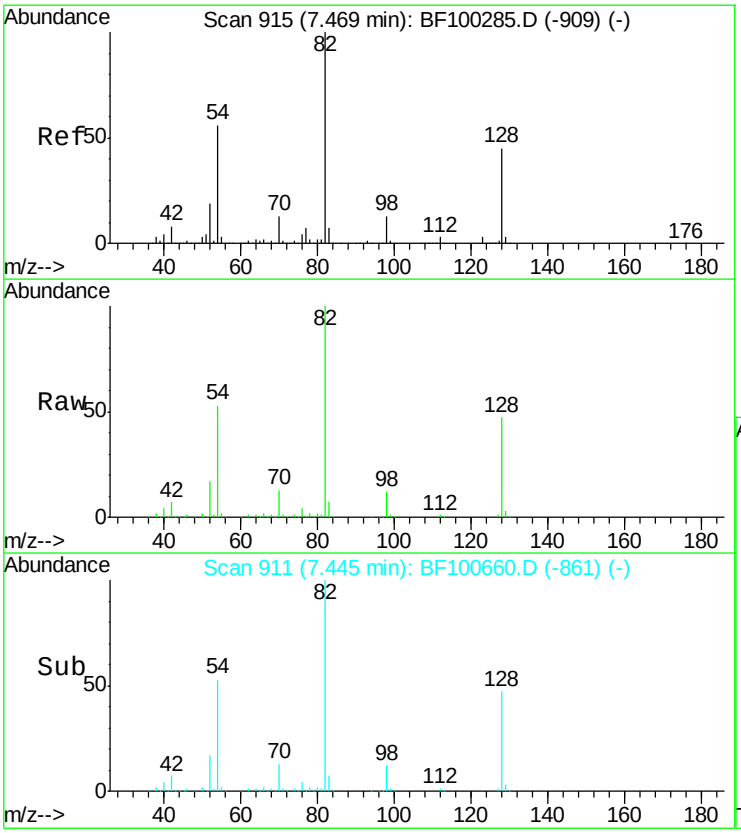
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:136 Resp: 410979

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

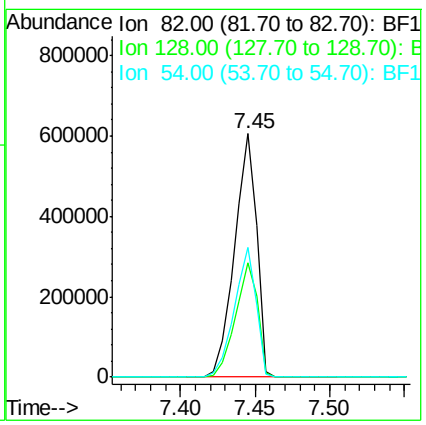


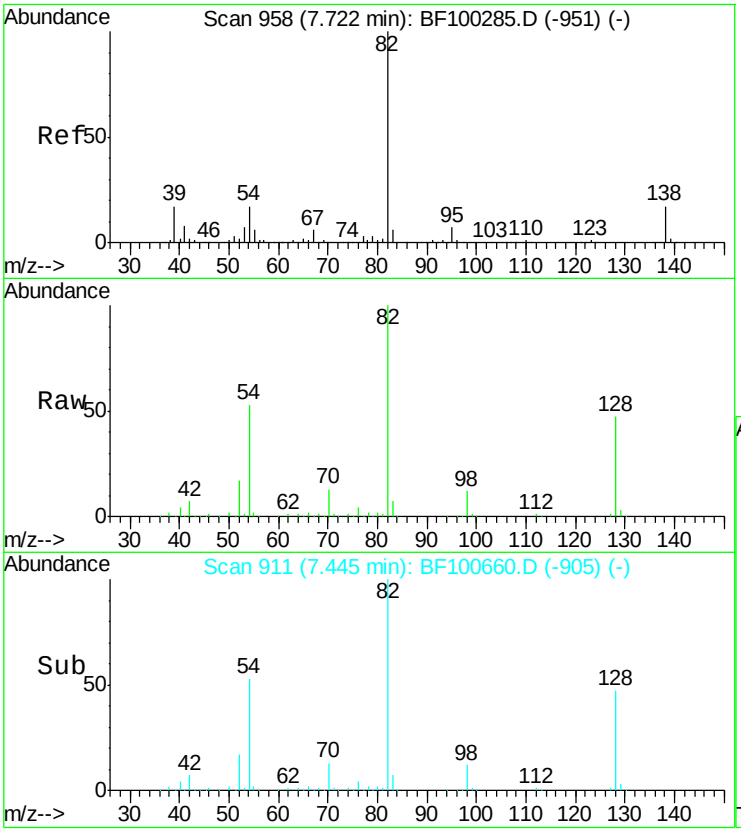


#23
Nitrobenzene-d5
Concen: 100.94 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion: 82 Resp: 627492

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	53.5	41.4	62.2



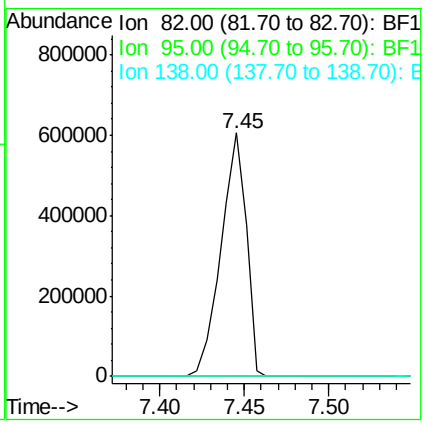


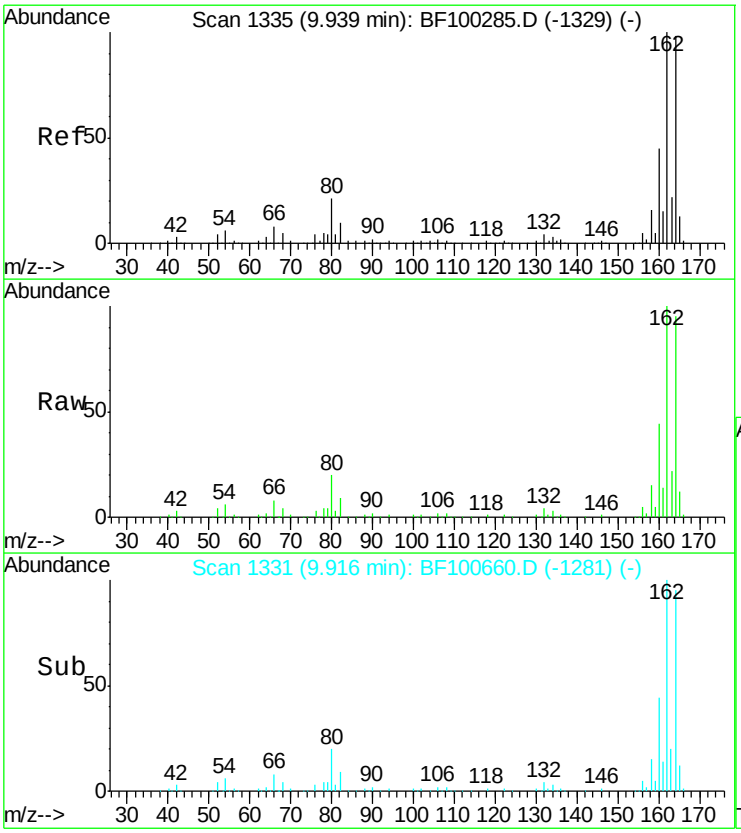
#25
Isophorone
Concen: 48.01 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion: 82 Resp: 627098

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

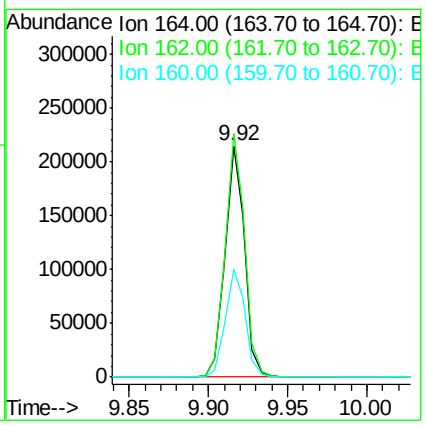


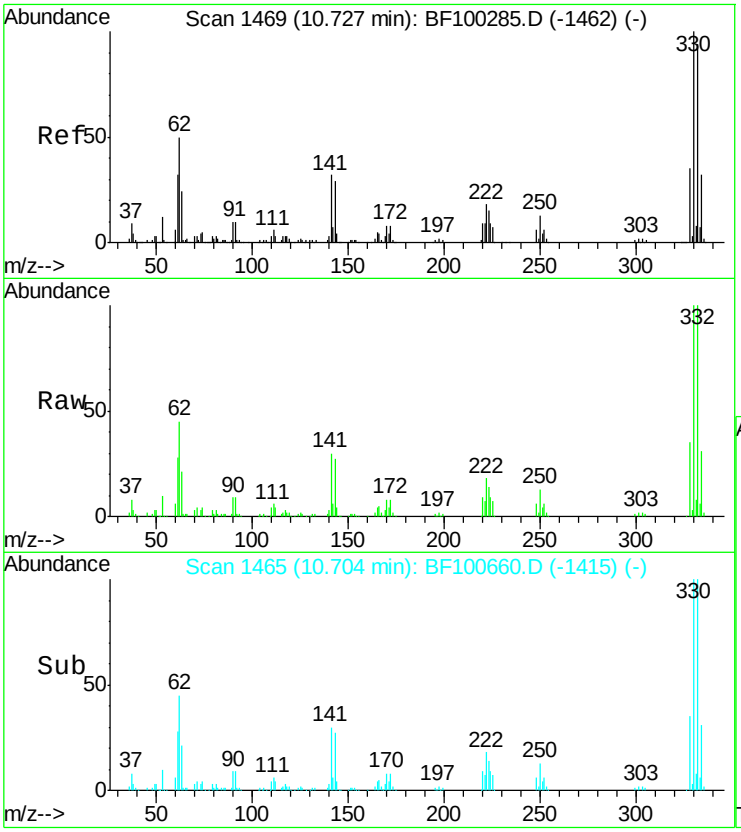


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:164 Resp: 181594

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.5	38.3	57.5



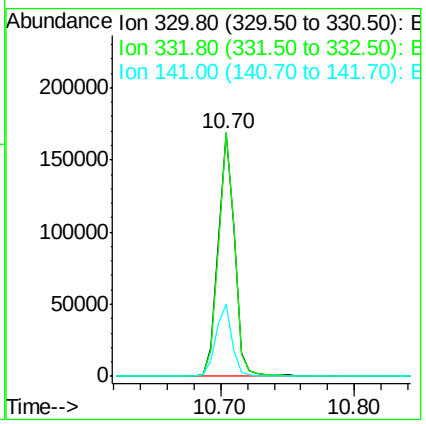


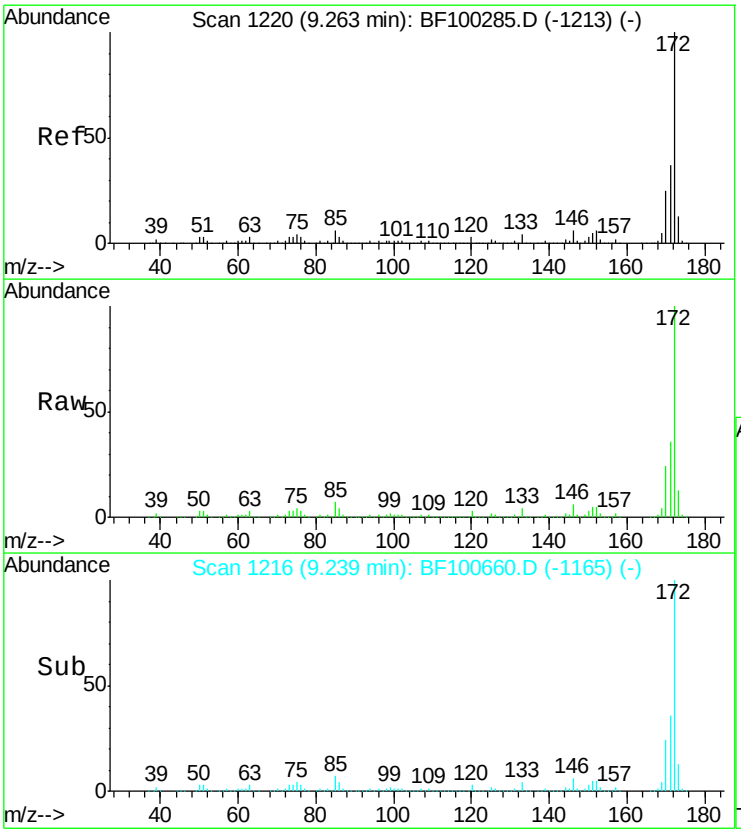
#41
2,4,6-Tribromophenol
Concen: 79.27 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:330 Resp: 146676

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	29.4	29.9	44.9#

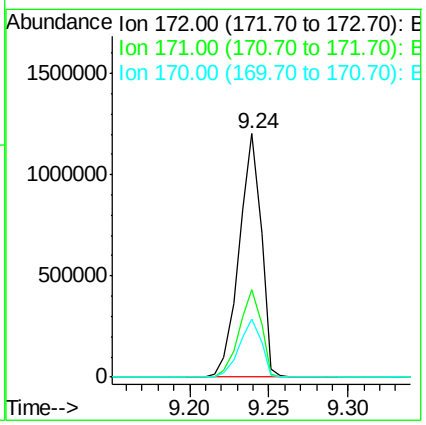


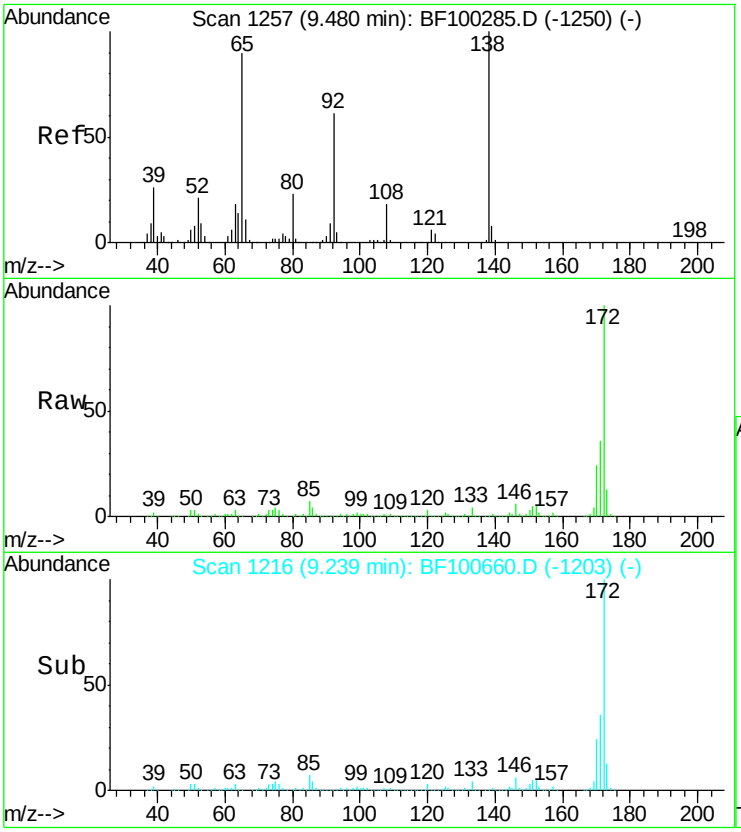


#44
2-Fluorobiphenyl
Concen: 97.25 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:172 Resp: 1159793

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



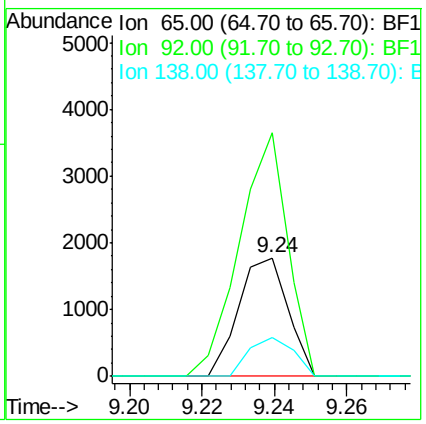


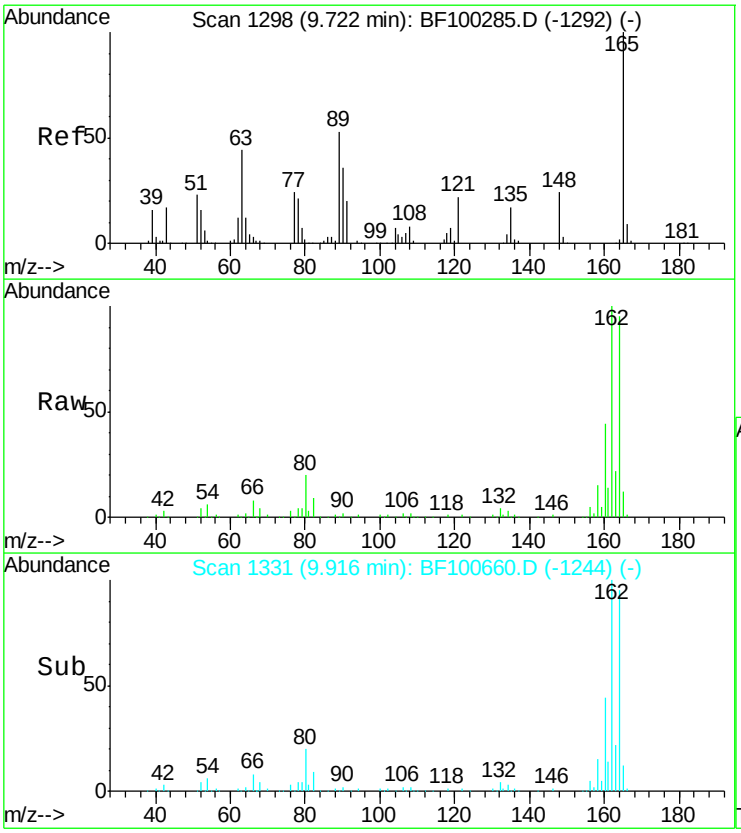
#47
2-Nitroaniline
Concen: 3.25 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion: 65 Resp: 1676

Ion	Ratio	Lower	Upper
65	100		
92	205.8	55.8	83.6#
138	32.9	91.2	136.8#

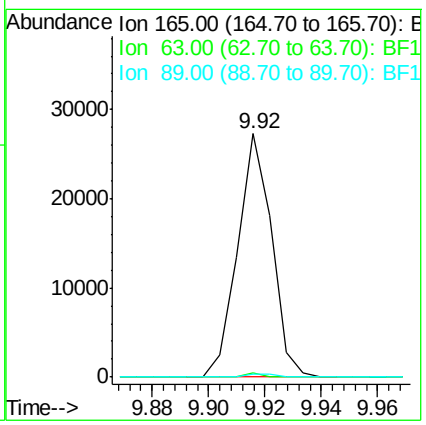


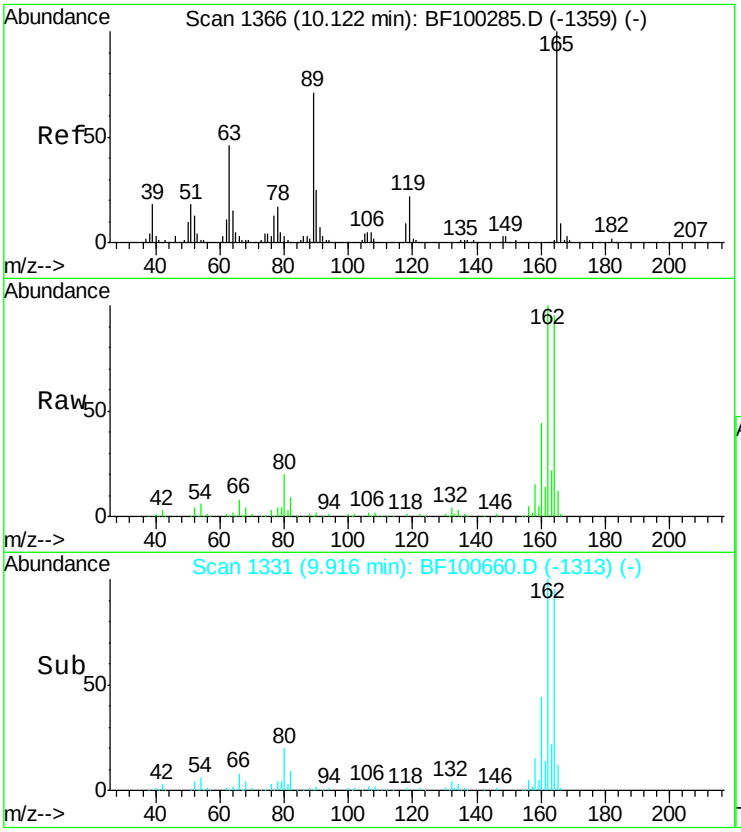


#50
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:165 Resp: 22768

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



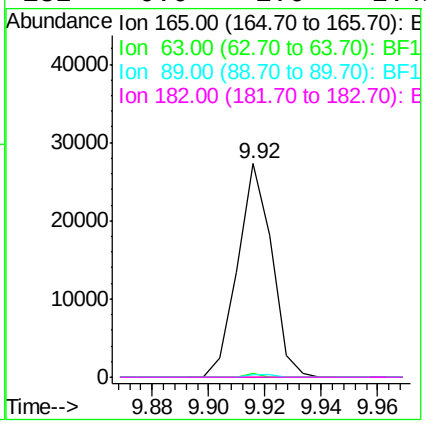


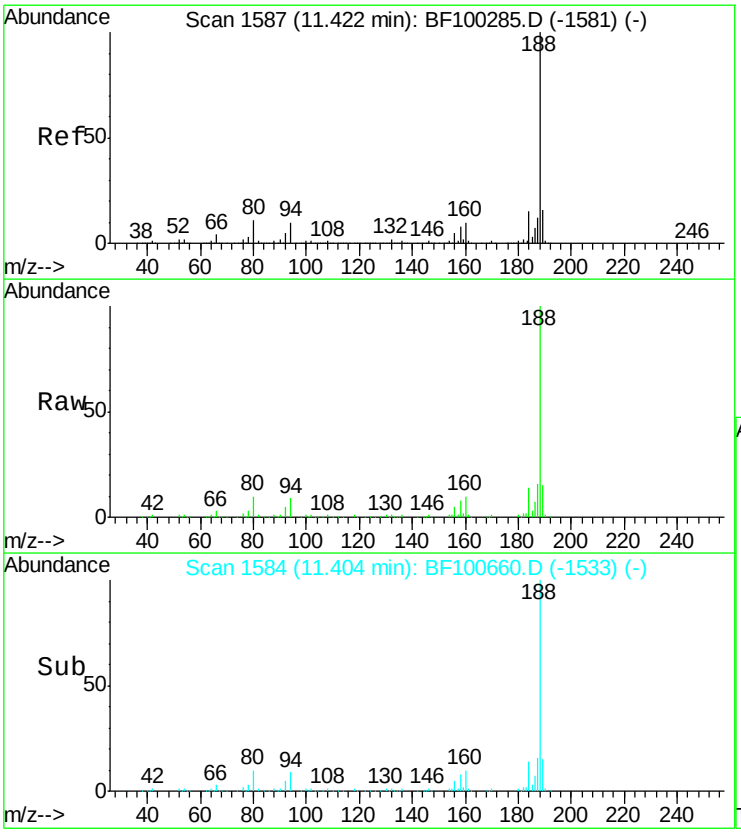
#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:165 Resp: 22768

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

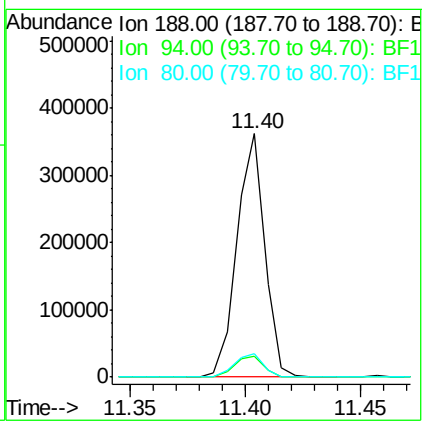


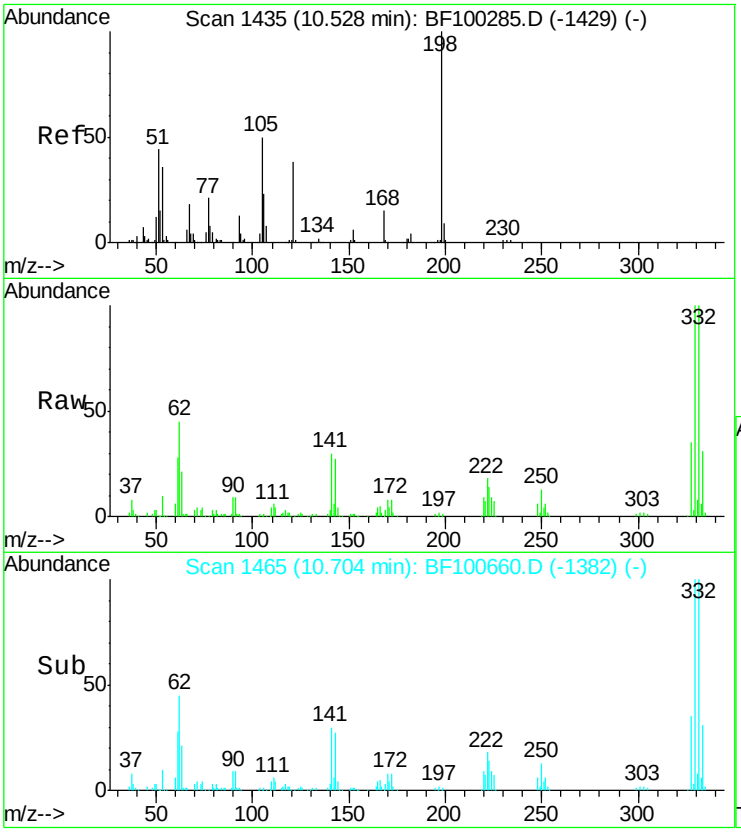


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:188 Resp: 304542

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8



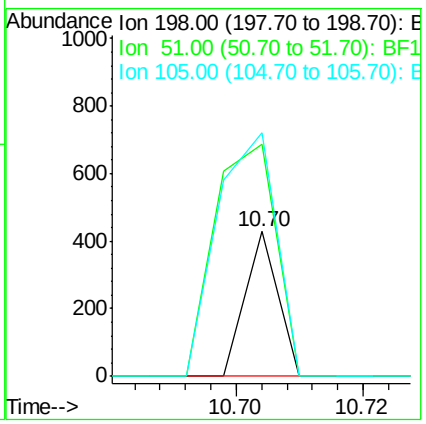


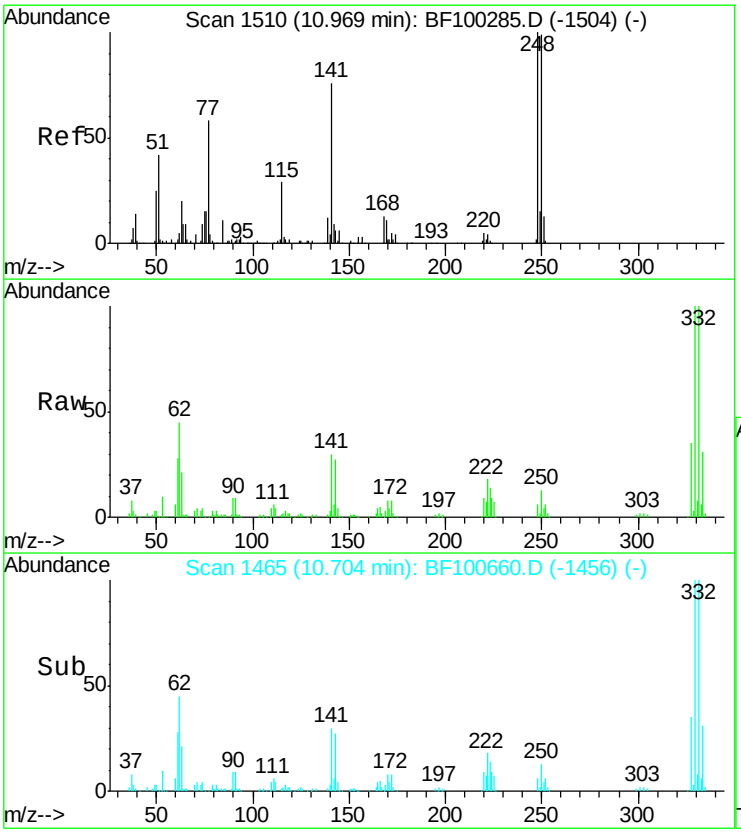
#64
4,6-Dinitro-2-methylphenol
Concen: 8.65 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:198 Resp: 151

Ion	Ratio	Lower	Upper
198	100		
51	160.7	37.7	77.7#
105	168.5	36.3	76.3#

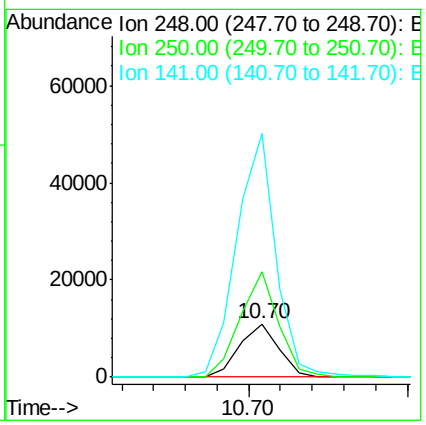


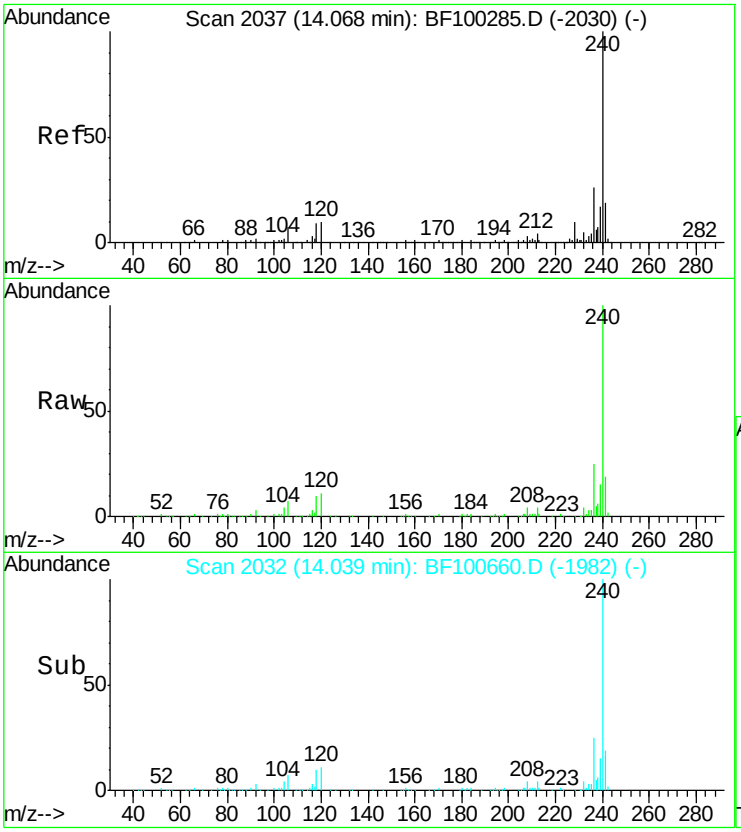


#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:248 Resp: 9393

Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.9	115.3#
141	460.1	74.4	111.6#



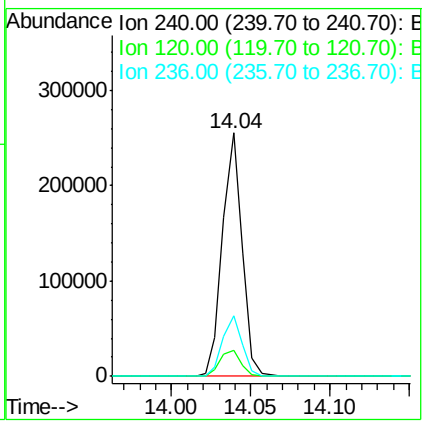


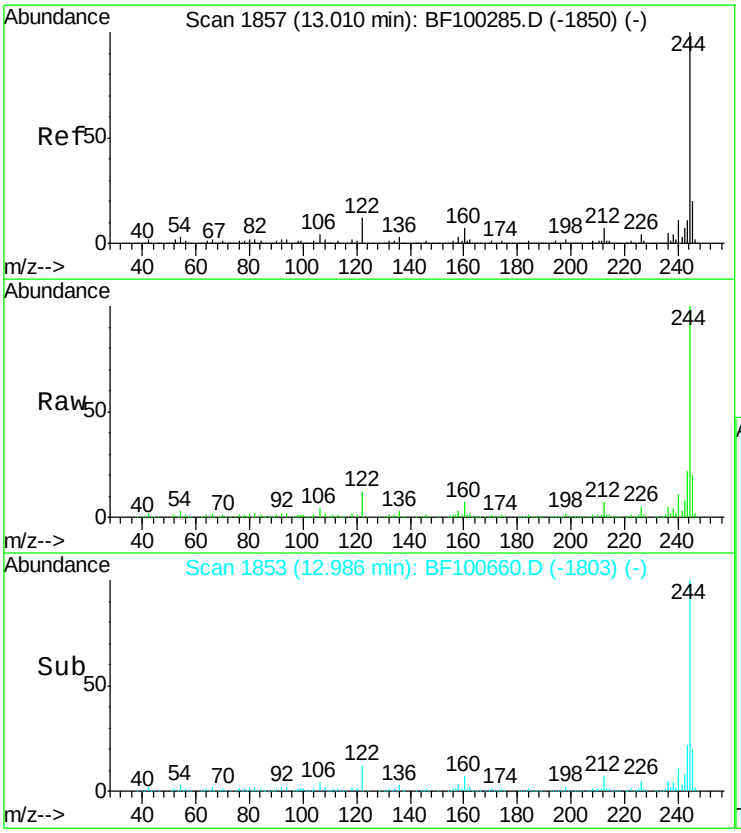
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:240 Resp: 220035

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	24.8	20.7	31.1

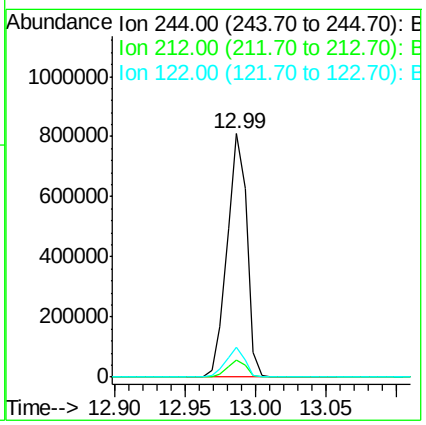


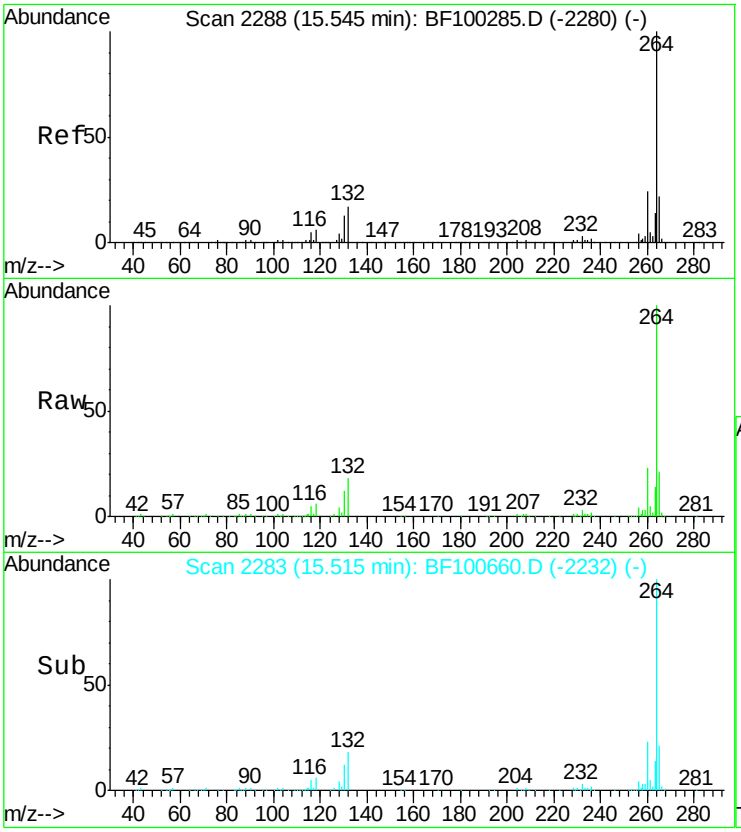


#78
Terphenyl-d14
Concen: 81.67 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Tgt Ion:244 Resp: 782090

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100660.D
Acq: 17 Nov 2017 5:27

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-D-B

Tgt Ion:264 Resp: 218976

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.3	17.5	26.3