Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100682.D
Acq On : 17 Nov 2017 19:16
Operator : SJ/JU
Sample : PB104282BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104282BL

Quant Time: Nov 17 22:22:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102121	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	407308	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	193560	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	402791	20.00	ng		0.00
75) Chrysene-d12	14.04	240	351275	20.00	ng		0.00
86) Perylene-d12	15.52	264	282350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	732436	114.97	ng		0.02
7) Phenol-d6	6.51	99	886124	112.80	ng		0.00
23) Nitrobenzene-d5	7.45	82	546669	88.73	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	249261	126.38	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1104621	86.90	ng		0.00
78) Terphenyl-d14	12.99	244	1213705	79.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	15039	2.68	ng		81
19) n-Nitroso-di-n-propylamine	7.45	70	72993	13.40	ng	#	78
25) Isophorone	7.45	82	546664	42.23	ng	#	64
47) 2-Nitroaniline	9.24	65	1706	3.23	ng	#	10
50) 2,6-Dinitrotoluene	9.92	165	24502	8.38	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	24502	6.64	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	342	8.71	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	15009	3.48	ng	#	1

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

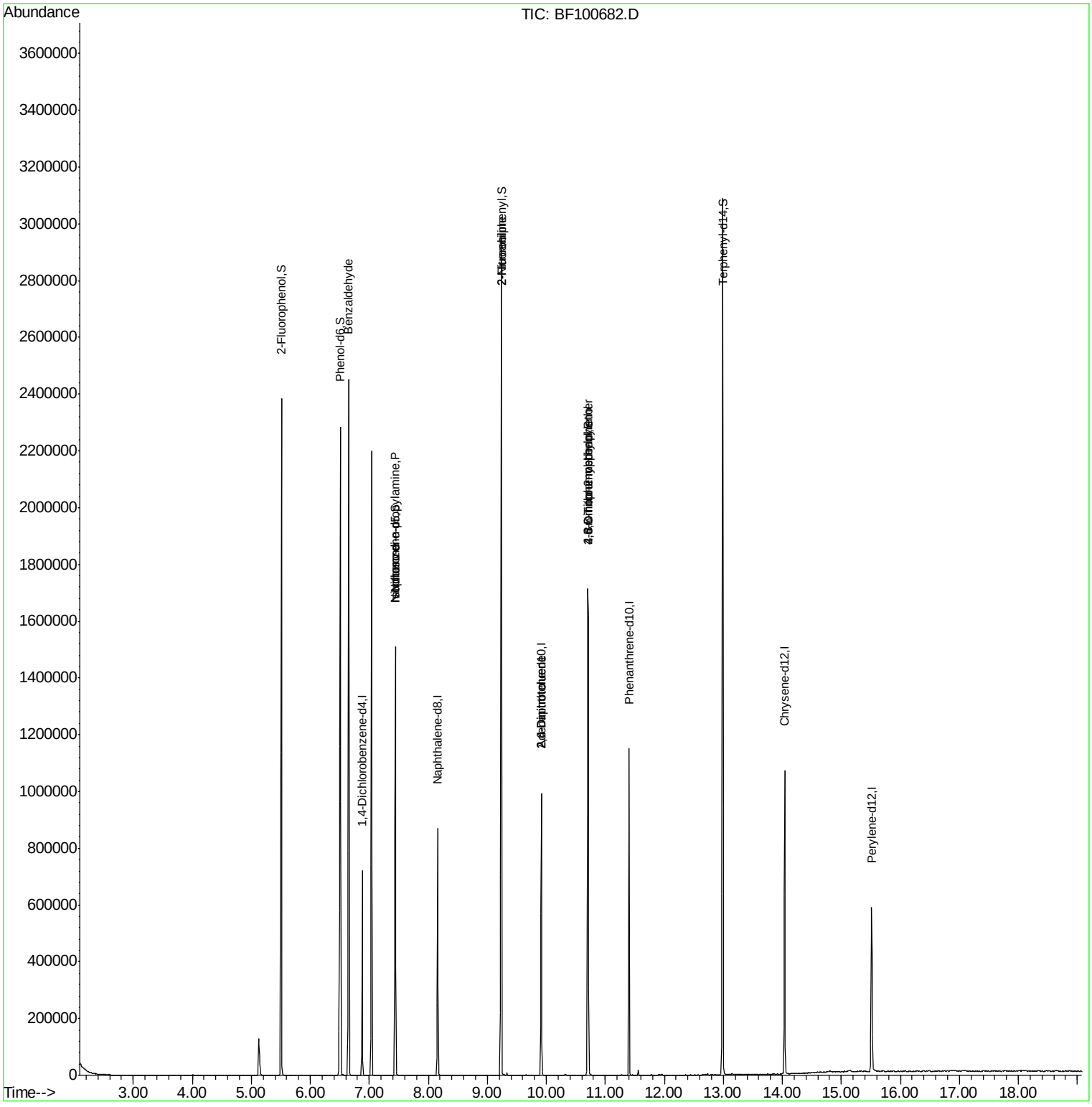
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

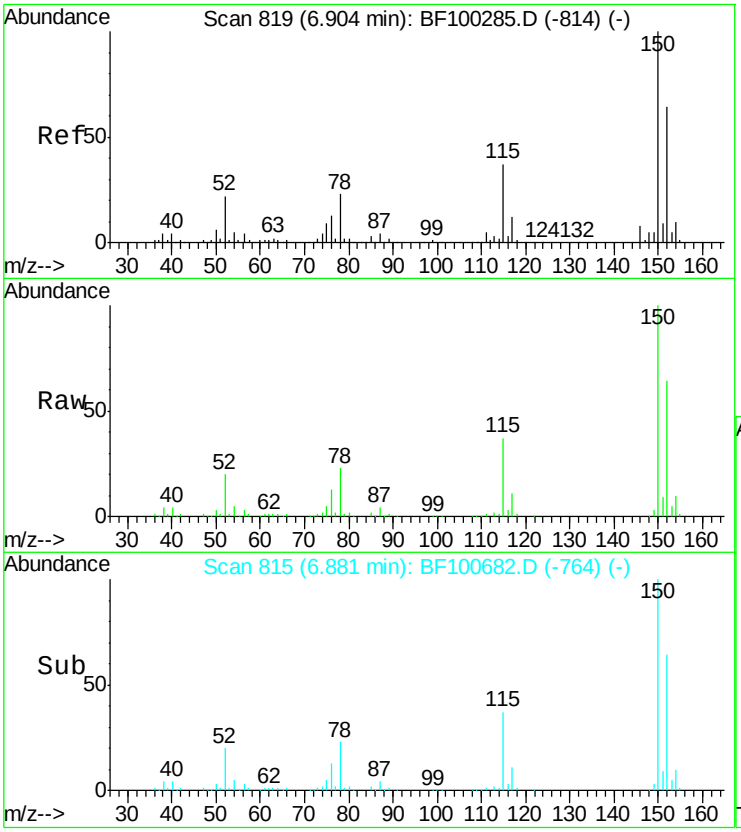
Quantitation Report (Not Reviewed)

Data File : BF100682.D
Acq On : 17 Nov 2017 19:16
Operator : SJ/JU
Sample : PB104282BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104282BL

Quant Time: Nov 17 22:22:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



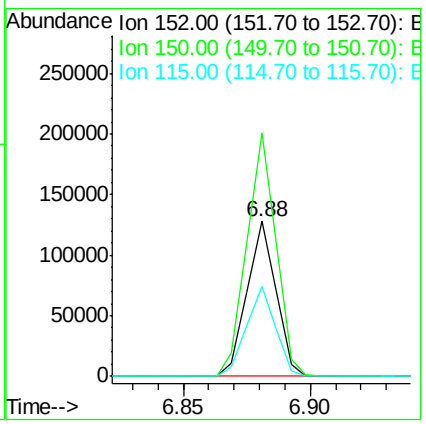


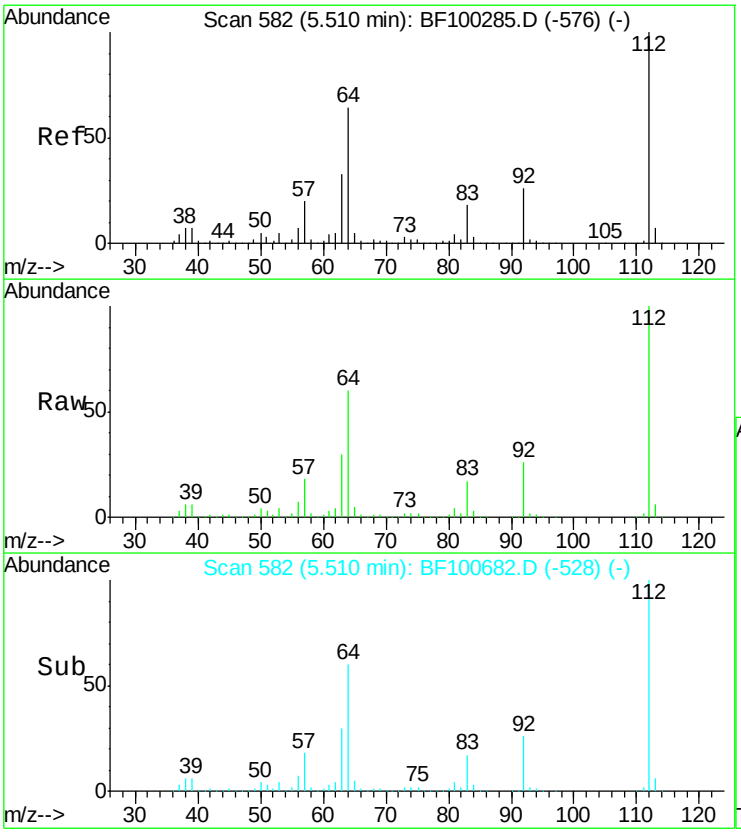
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:152 Resp: 102121

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.4	50.1	75.1

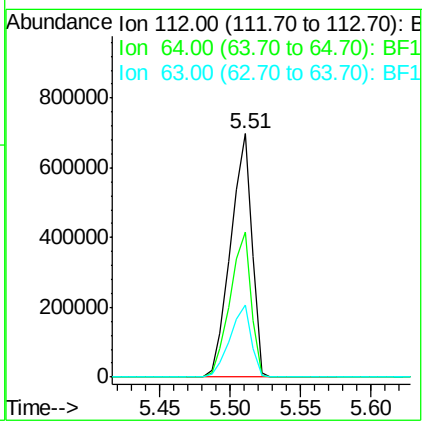


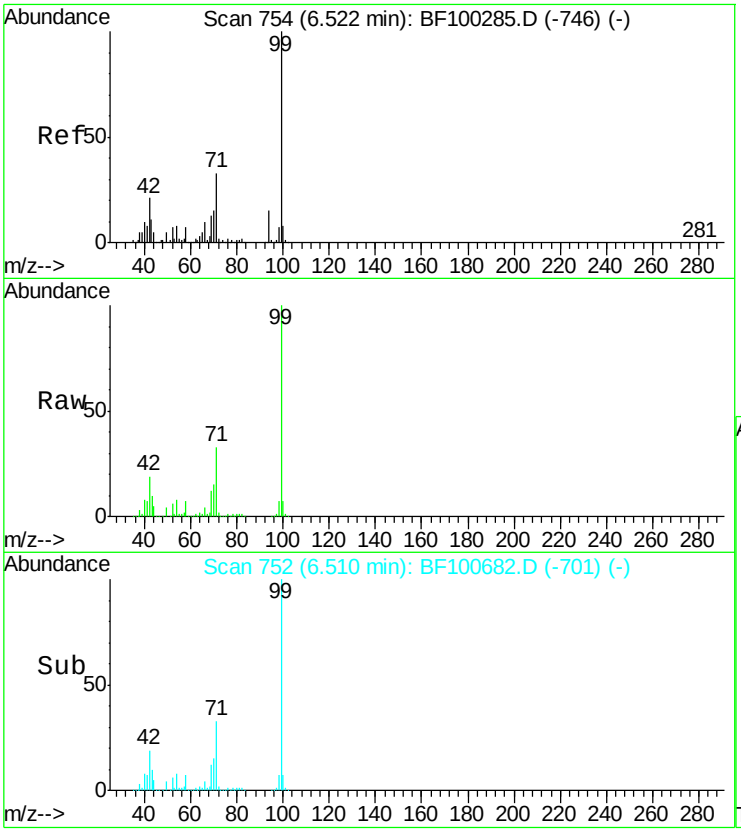


#5
2-Fluorophenol
Concen: 114.97 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:112 Resp: 732436

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	29.8	23.7	35.5



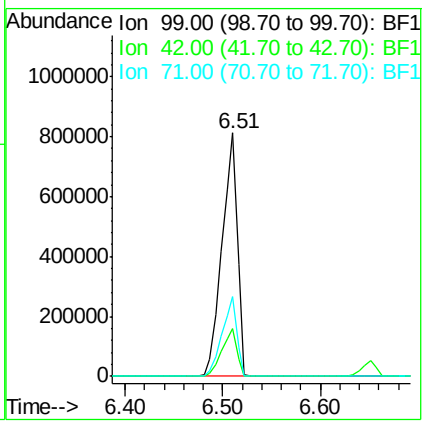


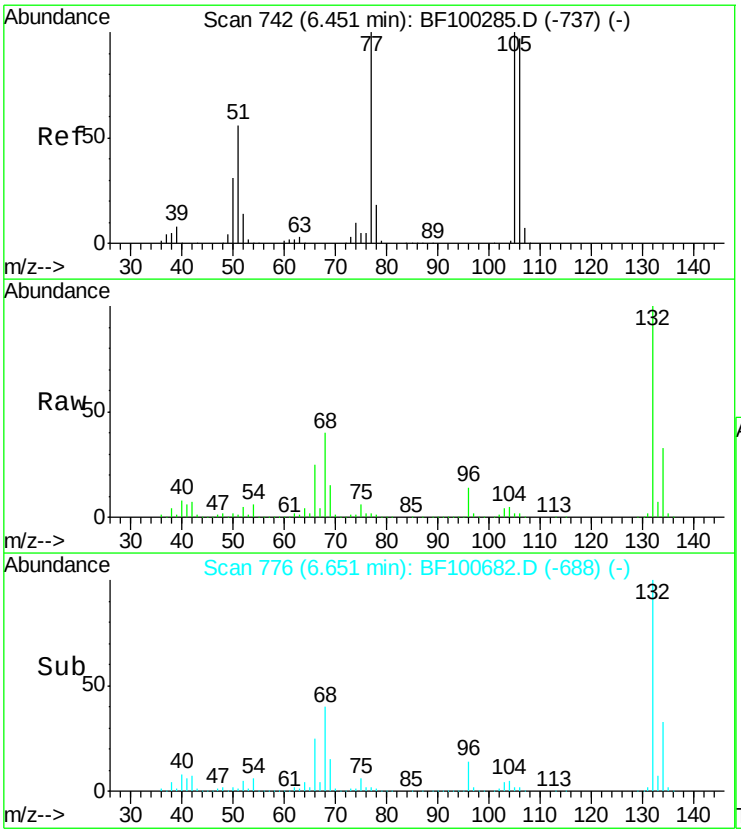
#7
Phenol-d6
Concen: 112.80 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion: 99 Resp: 886124

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.8	25.4	38.0

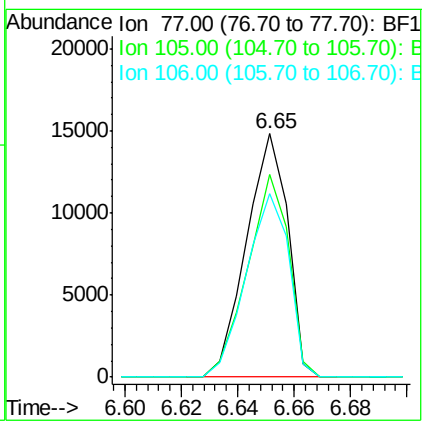


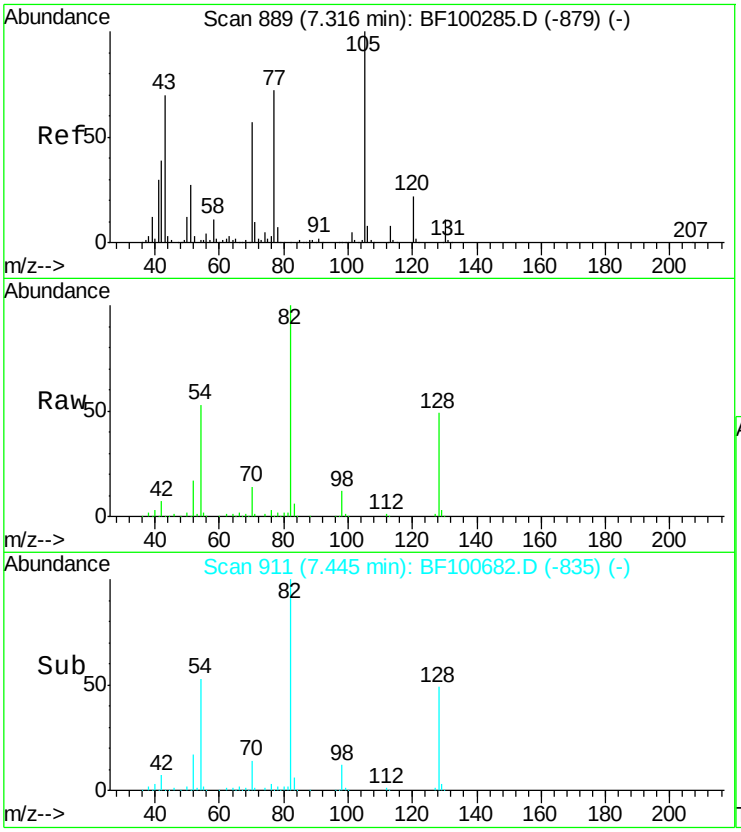


#9
Benzaldehyde
Concen: 2.68 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion: 77 Resp: 15039

Ion	Ratio	Lower	Upper
77	100		
105	83.2	81.1	121.1
106	75.4	74.5	114.5



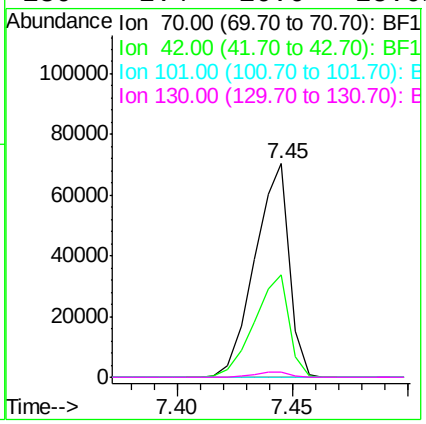


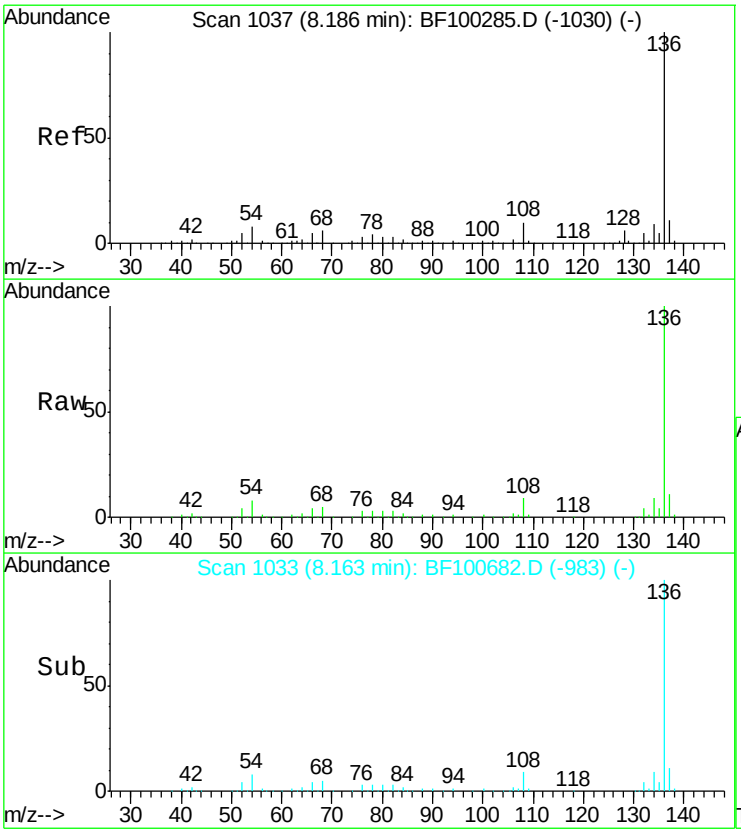
#19
n-Nitroso-di-n-propylamine
Concen: 13.40 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion: 70 Resp: 72993

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

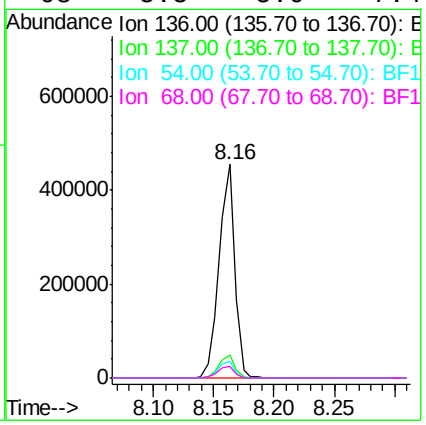


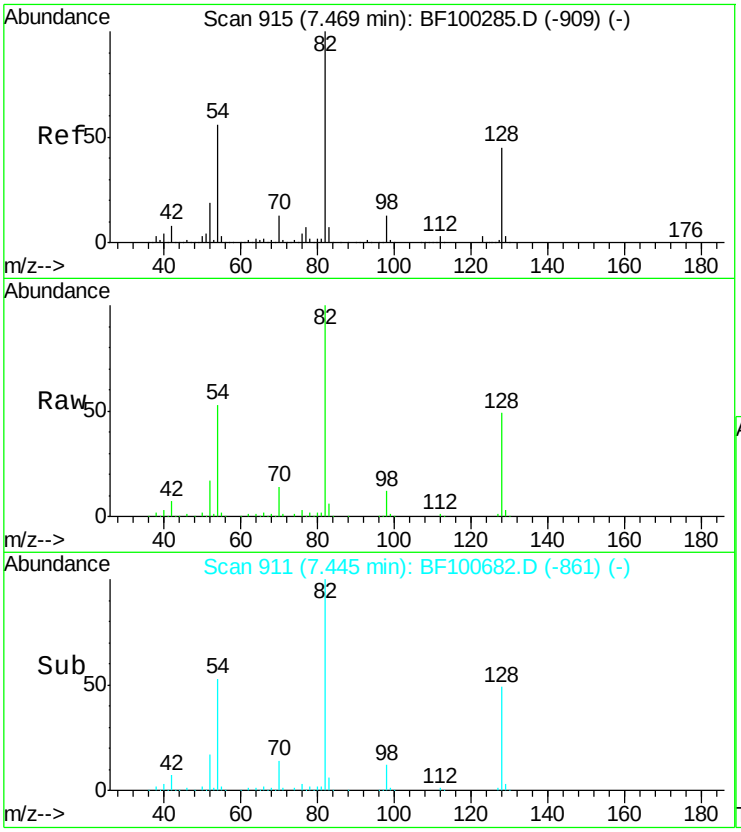


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:136 Resp: 407308

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	5.5	5.0	7.4



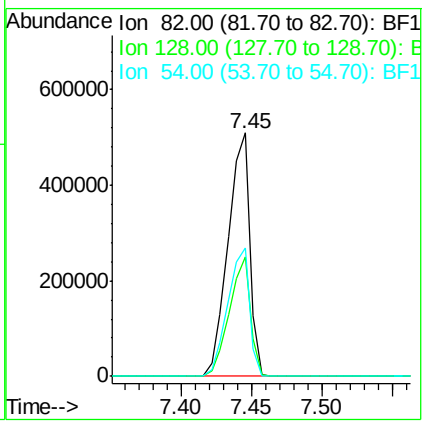


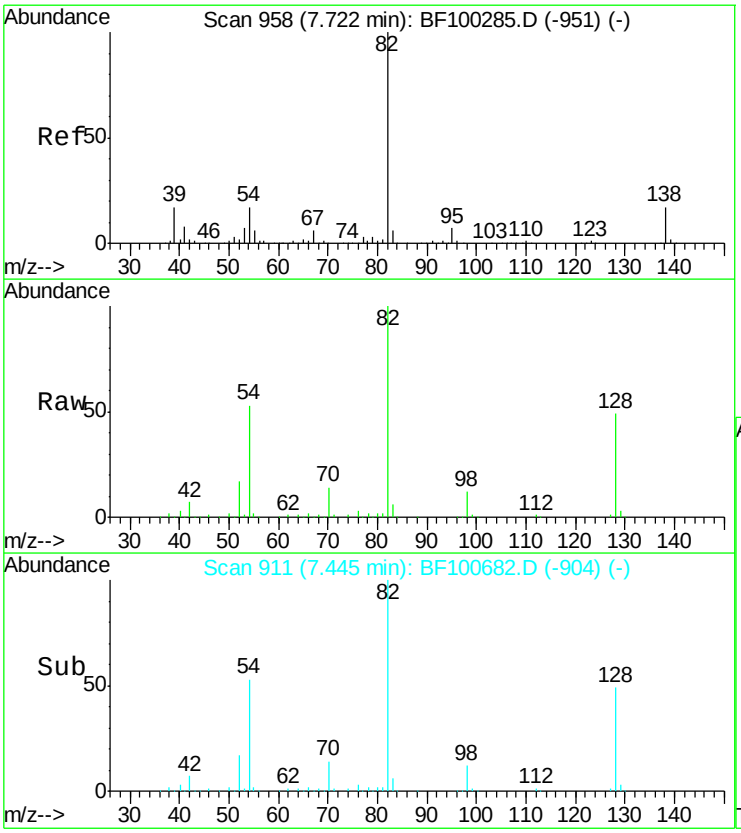
#23
Nitrobenzene-d5
Concen: 88.73 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion: 82 Resp: 546669

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	53.0	41.4	62.2

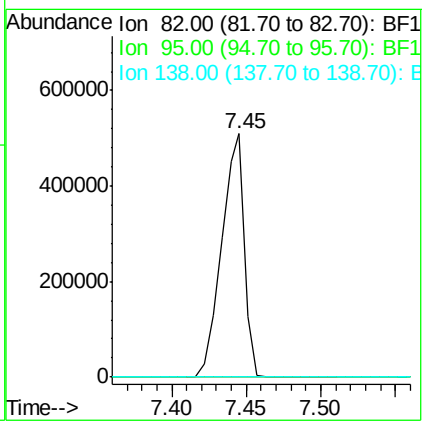


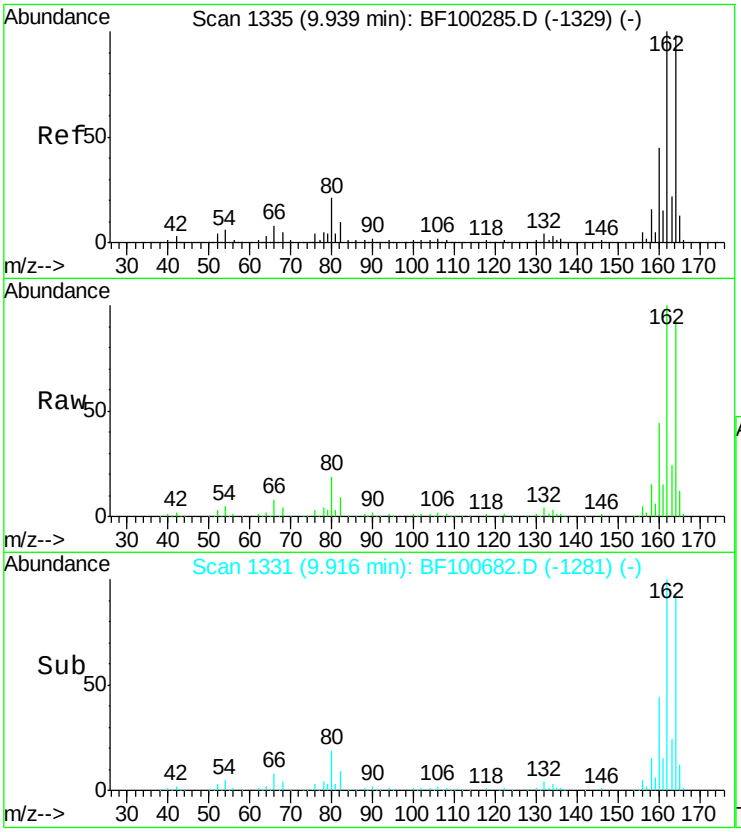


#25
Isophorone
Concen: 42.23 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion: 82 Resp: 546664

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



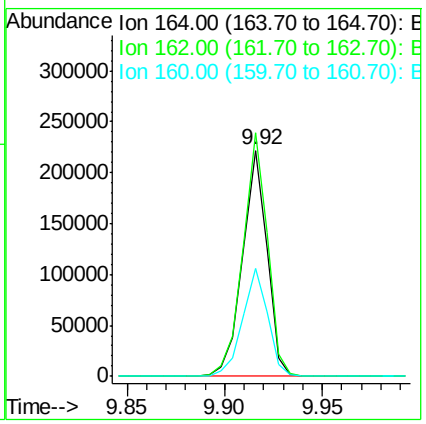


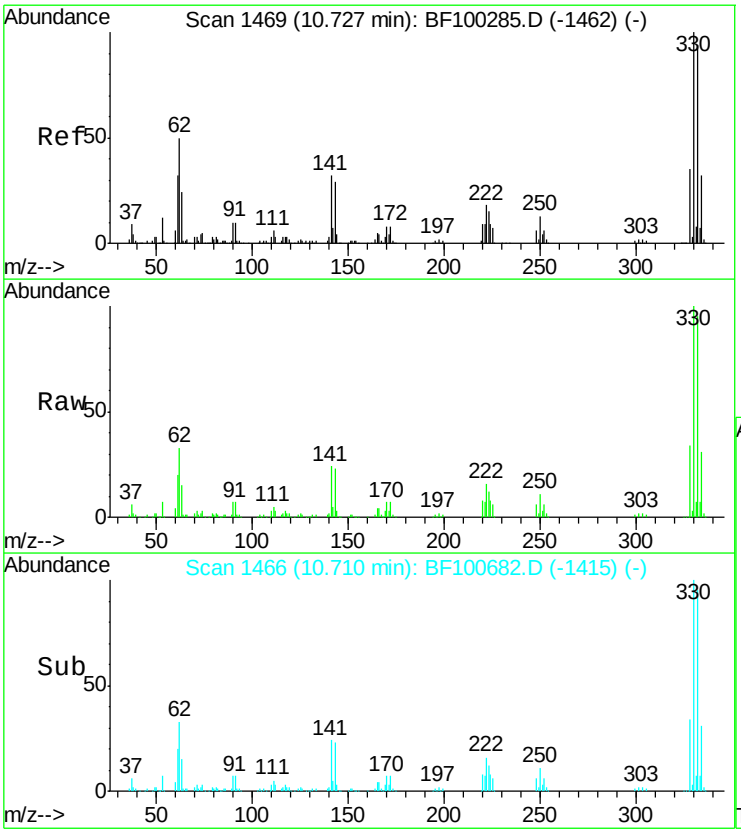
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:164 Resp: 193560

Ion	Ratio	Lower	Upper
164	100		
162	107.8	86.1	129.1
160	47.9	38.3	57.5

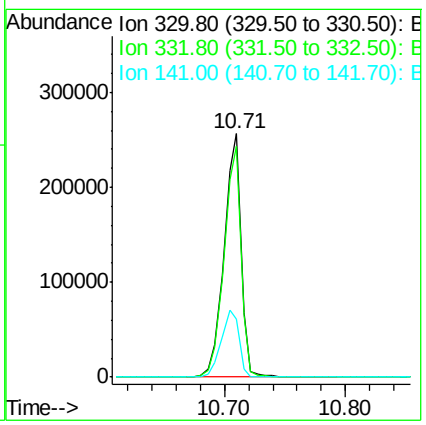


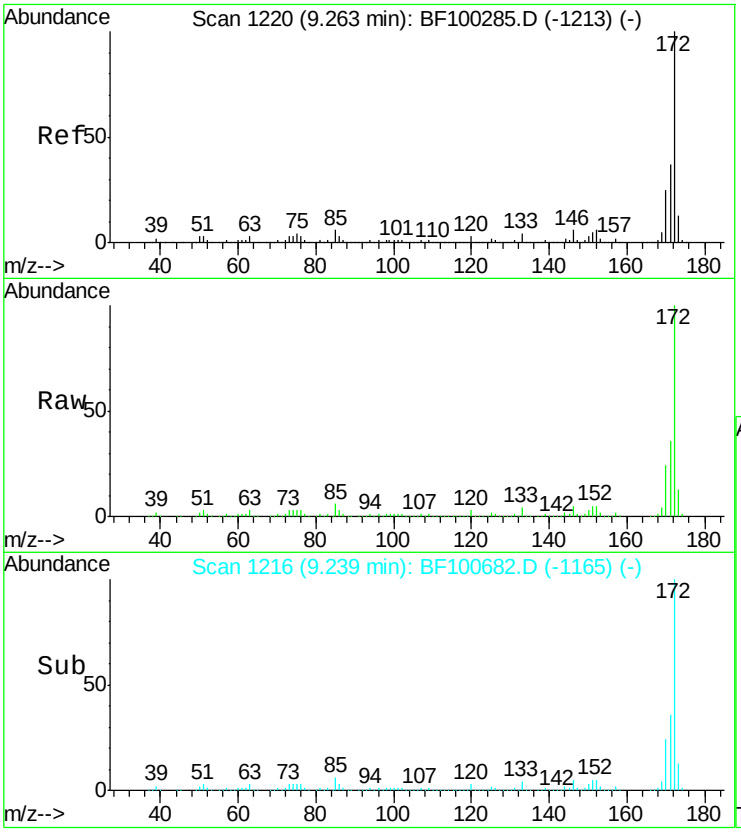


#41
2,4,6-Tribromophenol
Concen: 126.38 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:330 Resp: 249261

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.9	29.9	44.9#



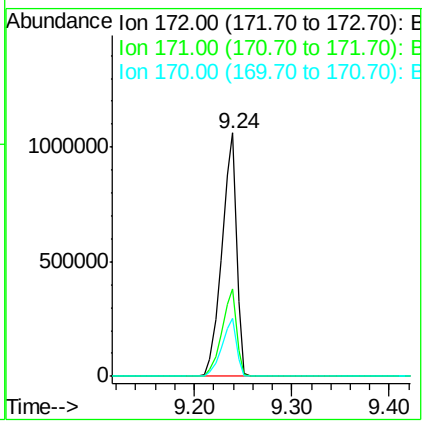


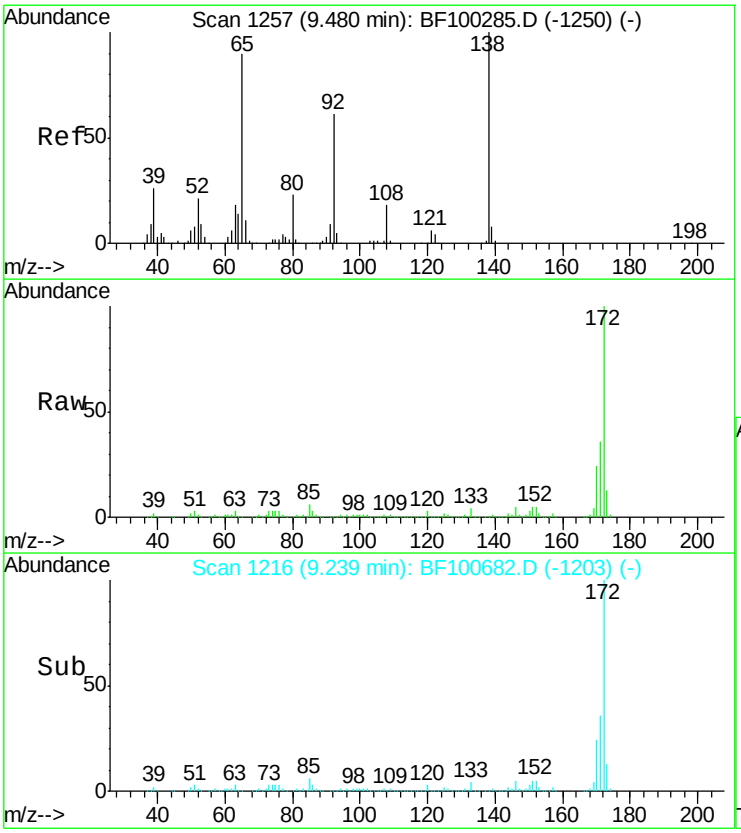
#44
2-Fluorobiphenyl
Concen: 86.90 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:172 Resp: 1104621

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

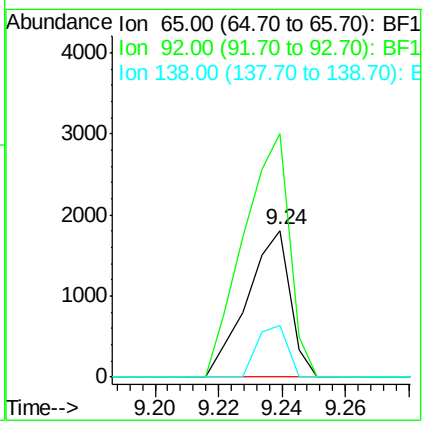


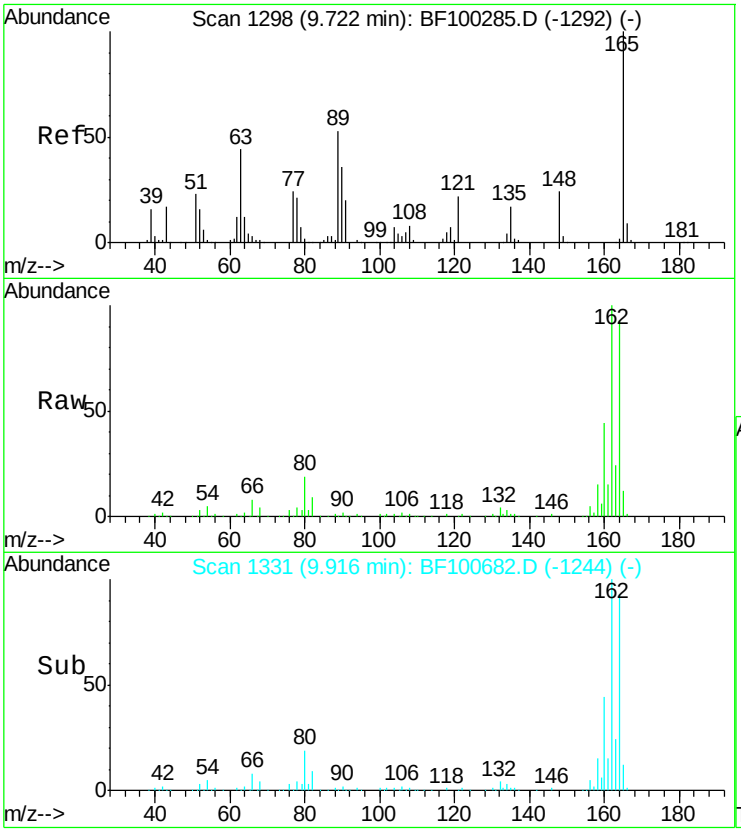


#47
2-Nitroaniline
Concen: 3.23 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion: 65 Resp: 1706

Ion	Ratio	Lower	Upper
65	100		
92	165.9	55.8	83.6#
138	35.2	91.2	136.8#



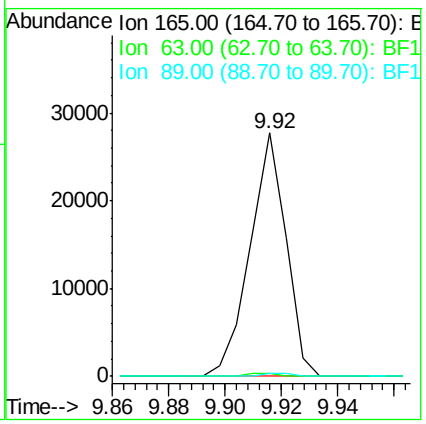


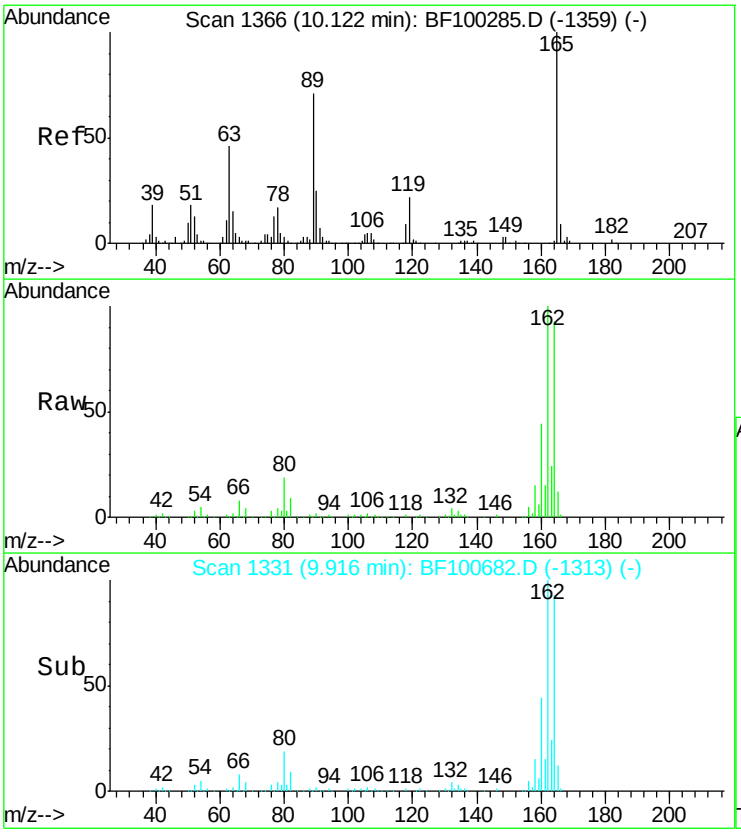
#50
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:165 Resp: 24502

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

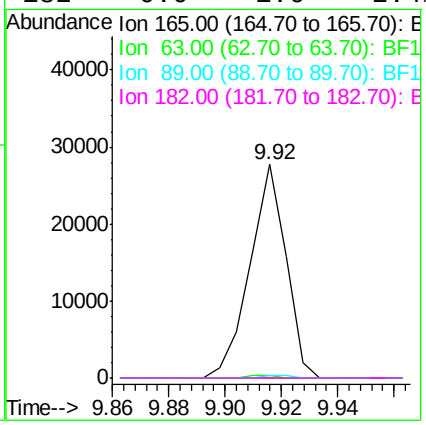


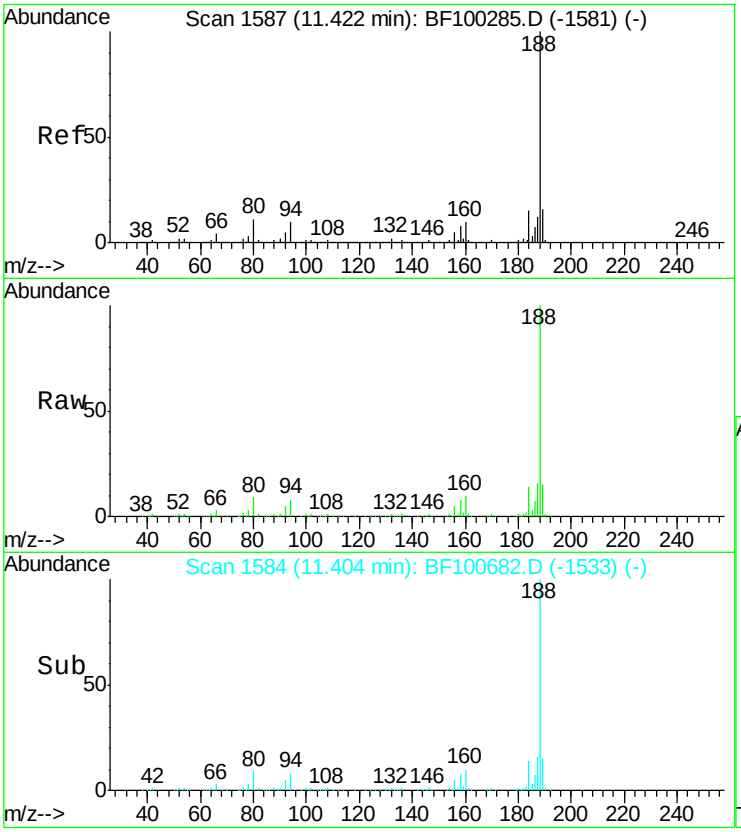


#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:165 Resp: 24502

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#



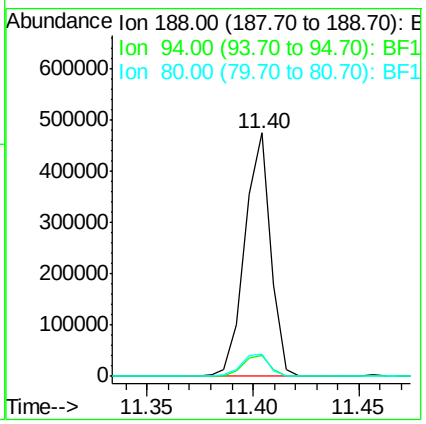


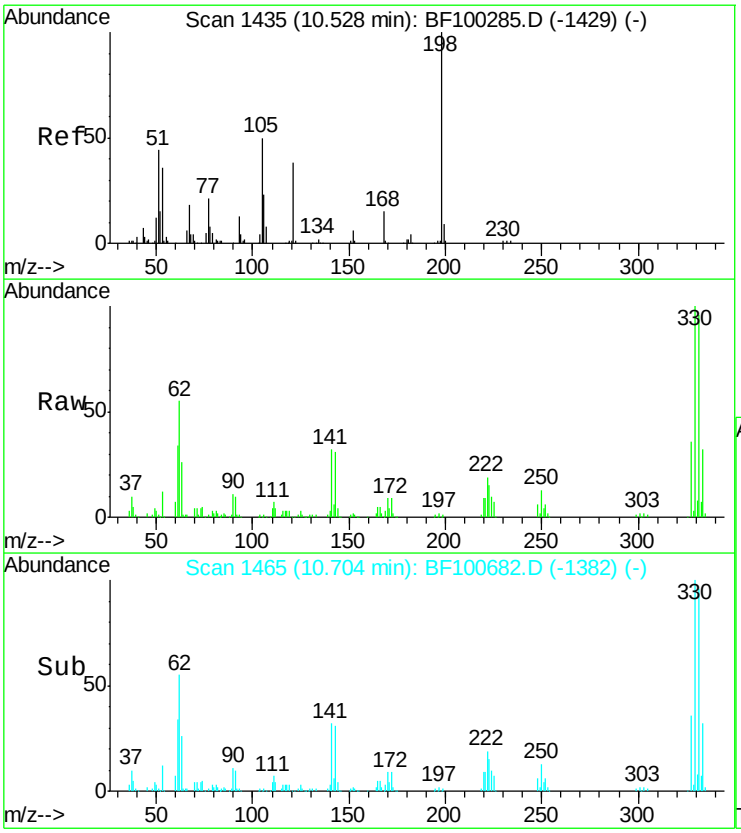
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:188 Resp: 402791

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

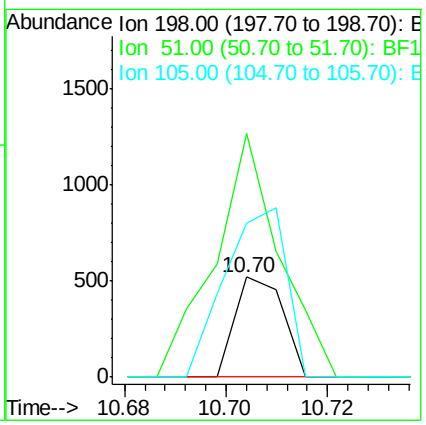


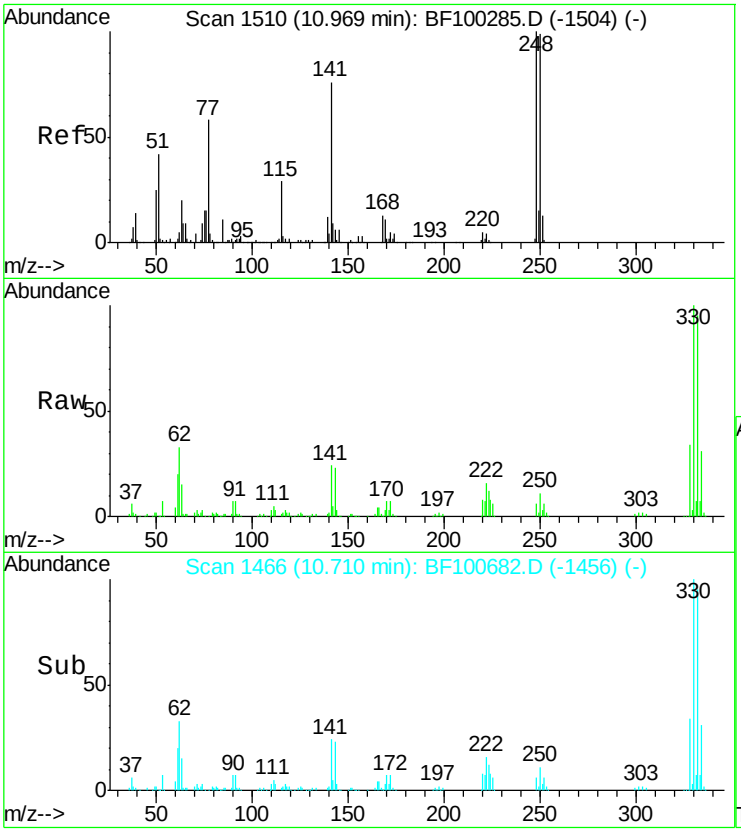


#64
4,6-Dinitro-2-methylphenol
Concen: 8.71 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:198 Resp: 342

Ion	Ratio	Lower	Upper
198	100		
51	243.5	37.7	77.7#
105	154.3	36.3	76.3#



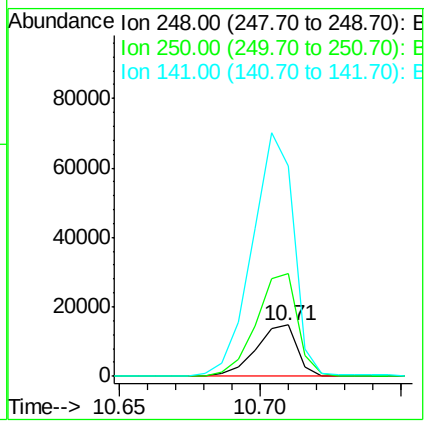


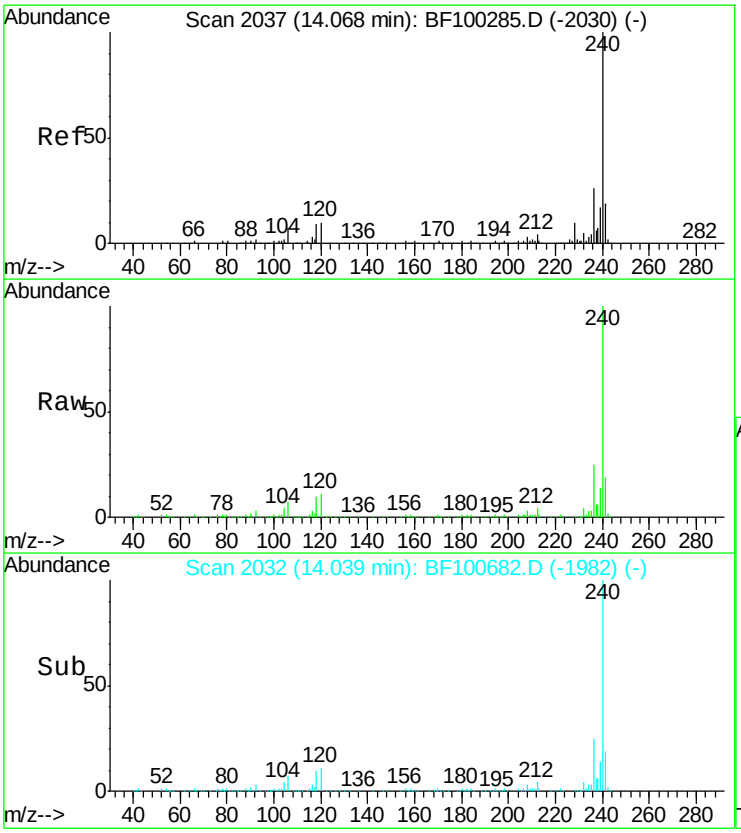
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:248 Resp: 15009

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	408.1	74.4	111.6#

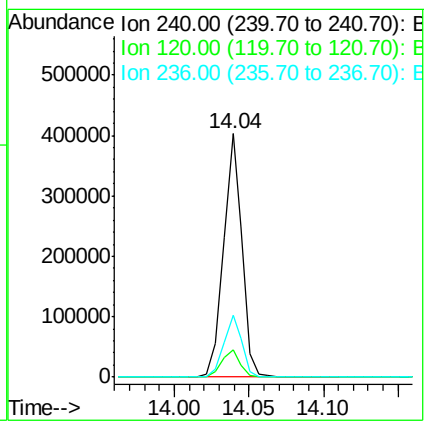


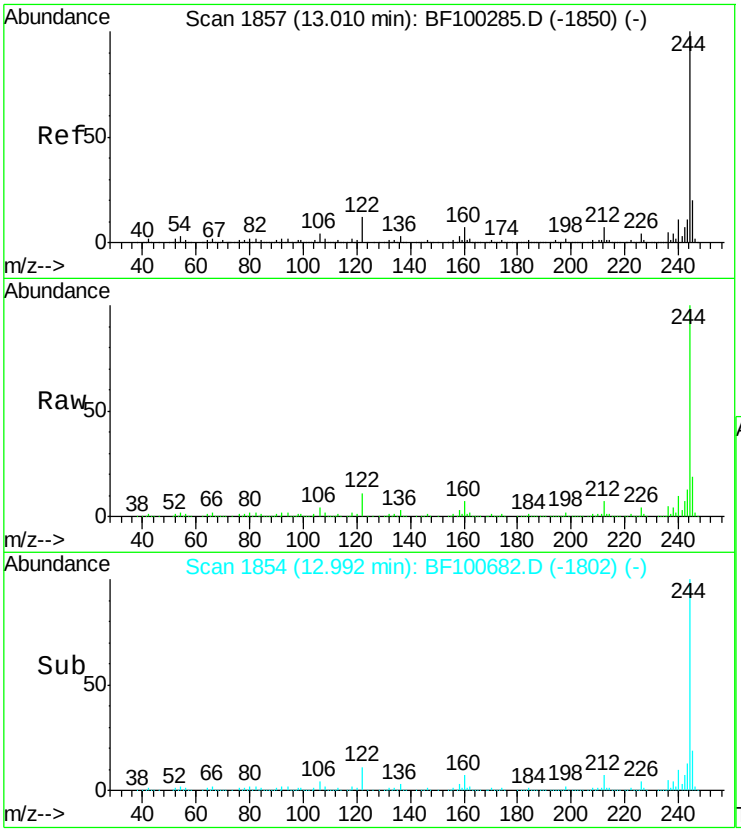


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:240 Resp: 351275

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.3	20.7	31.1



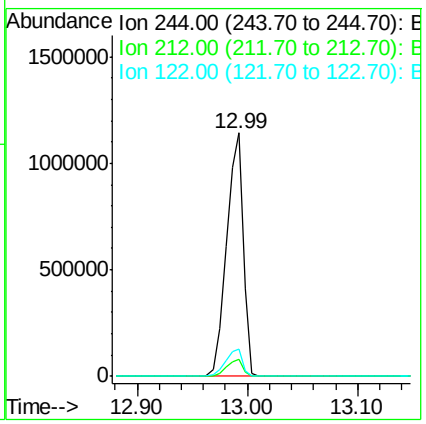


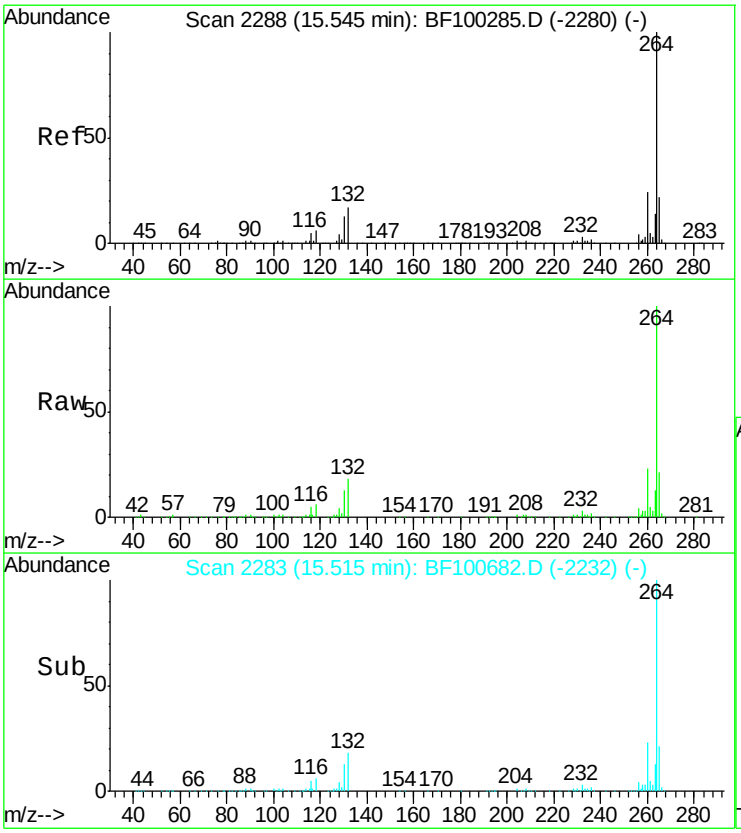
#78
Terphenyl-d14
Concen: 79.39 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF100682.D
Acq: 17 Nov 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB104282BL

Tgt Ion:244 Resp: 1213705

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	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: BF100682.D
Acq: 17 Nov 2017 19:16

Tgt Ion:264 Resp: 282350

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3