Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-081517-A

Quant Time: Aug 18 01:33:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	134708	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	481199	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	176179	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	293164	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	282588	20.00	ng		-0.01
86) Perylene-d12	15.36	264	200585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	596446	67.35	ng		-0.01
7) Phenol-d6	6.40	99	771190	64.09	ng		0.00
23) Nitrobenzene-d5	7.33	82	451857	51.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	89221	58.37	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	564660	47.09	ng		-0.01
78) Terphenyl-d14	12.88	244	419958	30.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	61894	7.51	ng	#	74
25) Isophorone	7.33	82	451849	24.53	ng	#	67
48) Acenaphthylene	9.67	152	52668	2.83	ng		98
49) Dimethylphthalate	9.53	163	82964	6.44	ng		97
50) 2,6-Dinitrotoluene	9.81	165	22928	8.92	ng	#	34
56) 2,4-Dinitrotoluene	9.81	165	22928	7.11	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.60	198	246	8.47	ng	#	1
70) Phenanthrene	11.32	178	36391	2.33	ng		97
74) Fluoranthene	12.50	202	148474	9.11	ng		99
77) Pyrene	12.73	202	152186	6.58	ng		97
80) Benzo(a)anthracene	13.95	228	106104	6.26	ng		93
82) Chrysene	13.95	228	106104	6.30	ng	#	96
87) Benzo(b)fluoranthene	14.95	252	185040	14.64	ng	#	94
88) Benzo(k)fluoranthene	14.95	252	185040	15.58	ng		97
89) Benzo(a)pyrene	15.30	252	99937	8.93	ng		96
91) Benzo(g,h,i)perylene	17.18	276	64515	6.79	ng		94

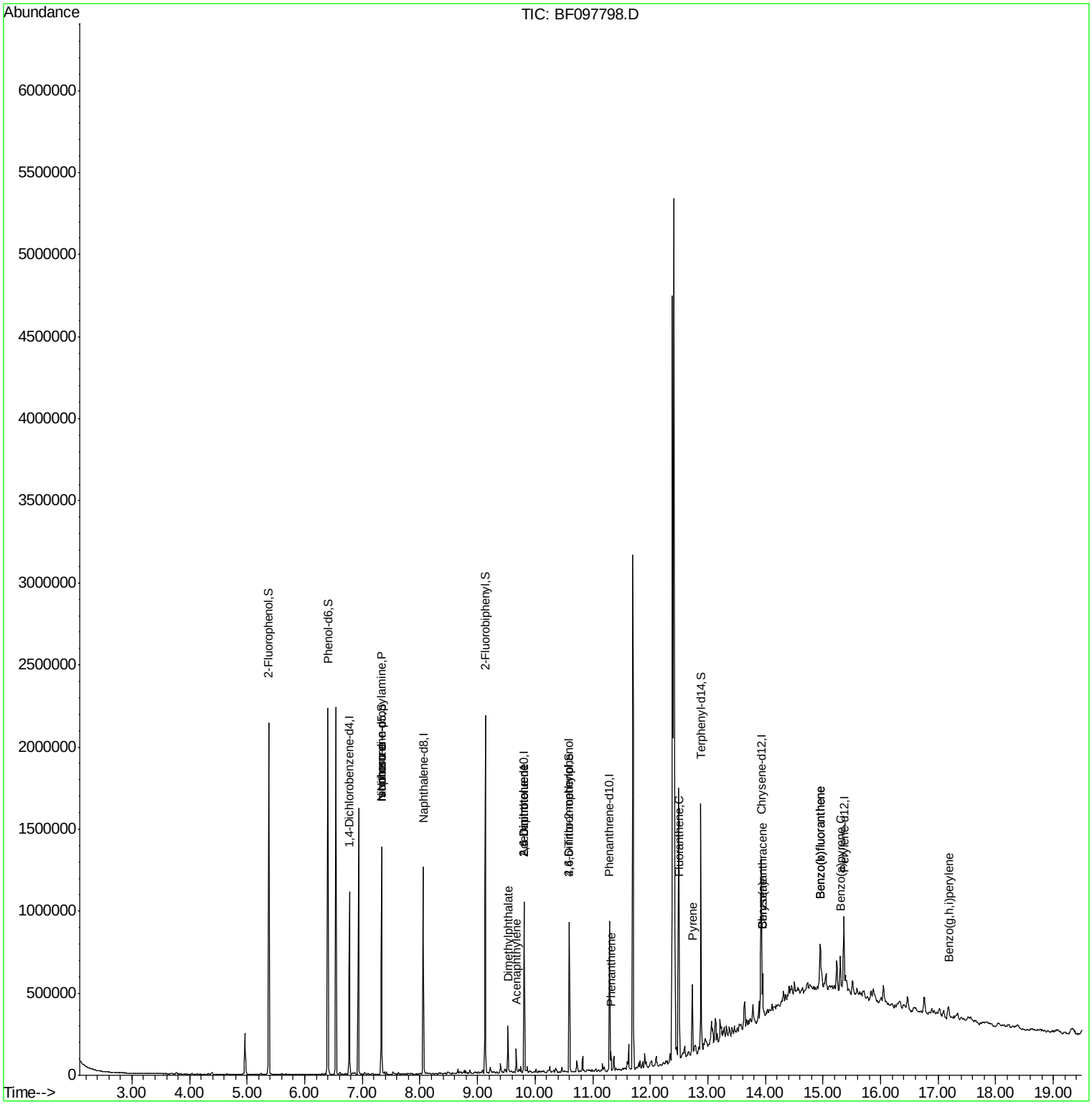
(#) = qualifier out of range (m) = manual integration (+) = signals summed

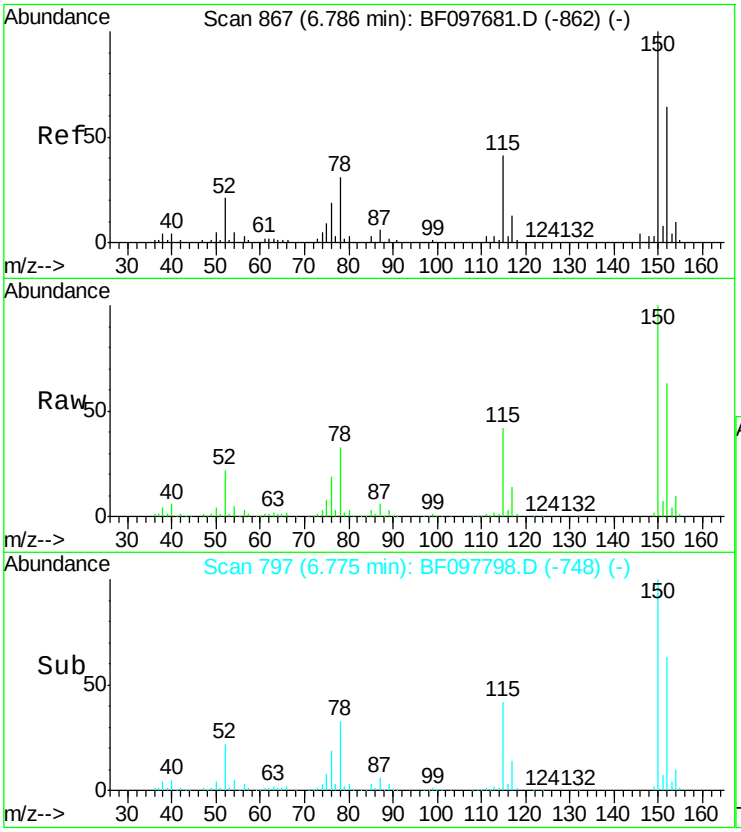
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097798.D
Acq On : 17 Aug 2017 20:55
Operator : SJ/JU
Sample : I4815-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Quant Time: Aug 18 01:33:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



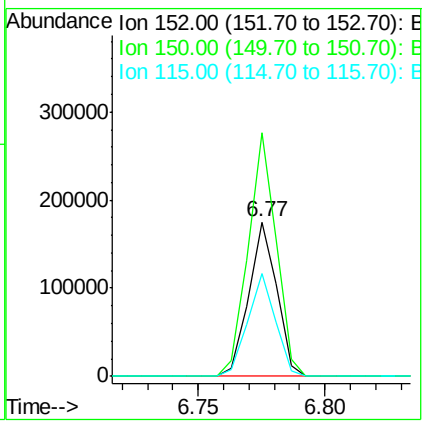


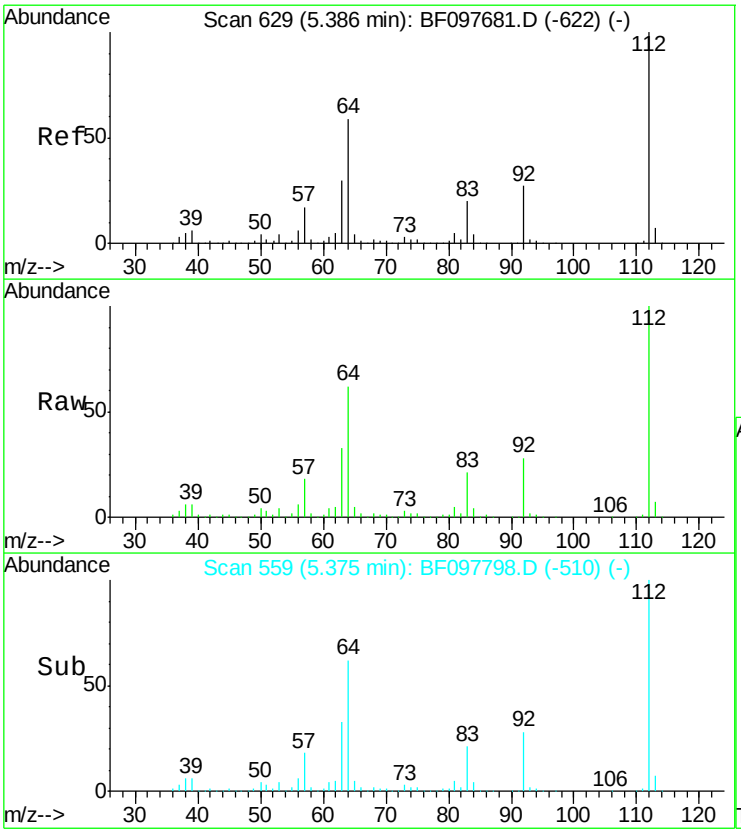
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:152 Resp: 134708

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	66.6	52.2	78.2

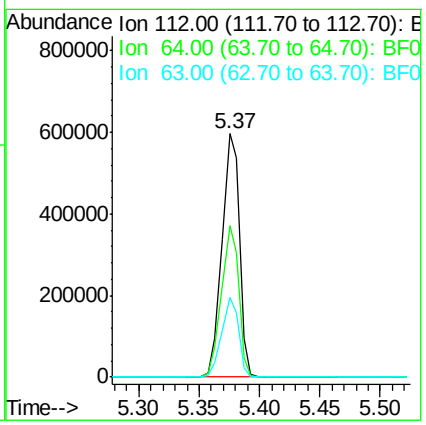


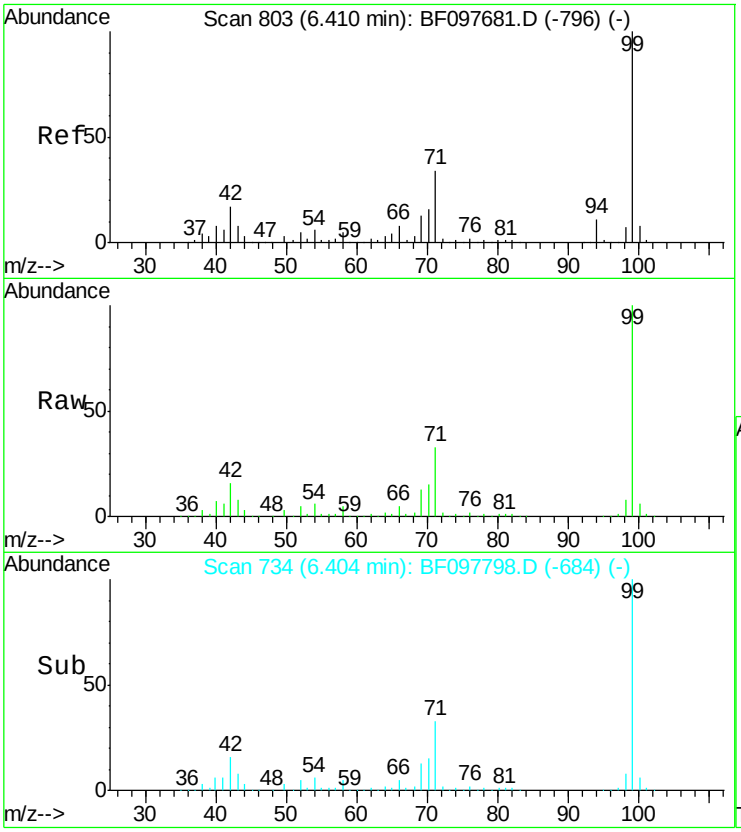


#5
2-Fluorophenol
Concen: 67.35 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:112 Resp: 596446

Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.0	69.0
63	32.5	23.4	35.0



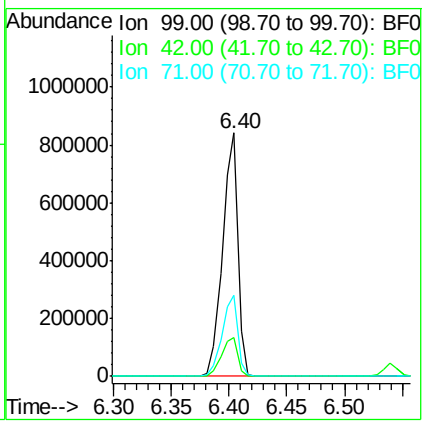


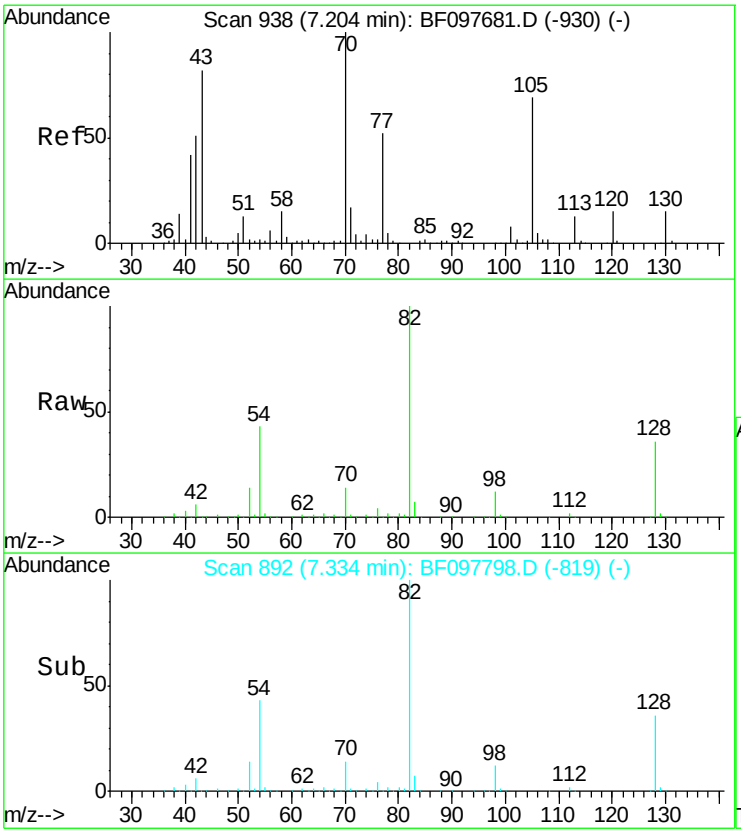
#7
Phenol-d6
Concen: 64.09 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion: 99 Resp: 771190

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.0	24.5	36.7

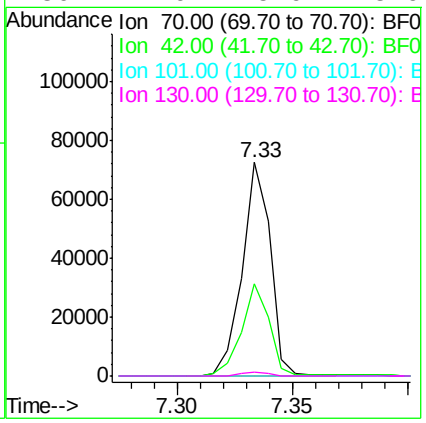


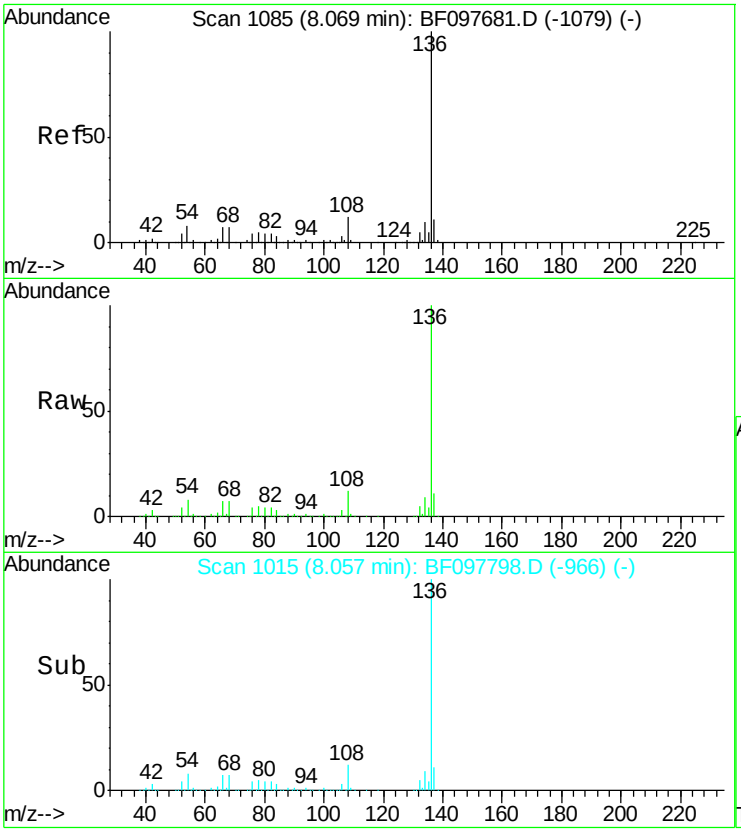


#19
n-Nitroso-di-n-propylamine
Concen: 7.51 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.13 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion: 70 Resp: 61894

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



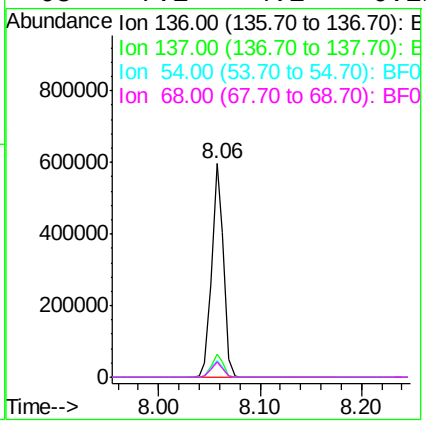


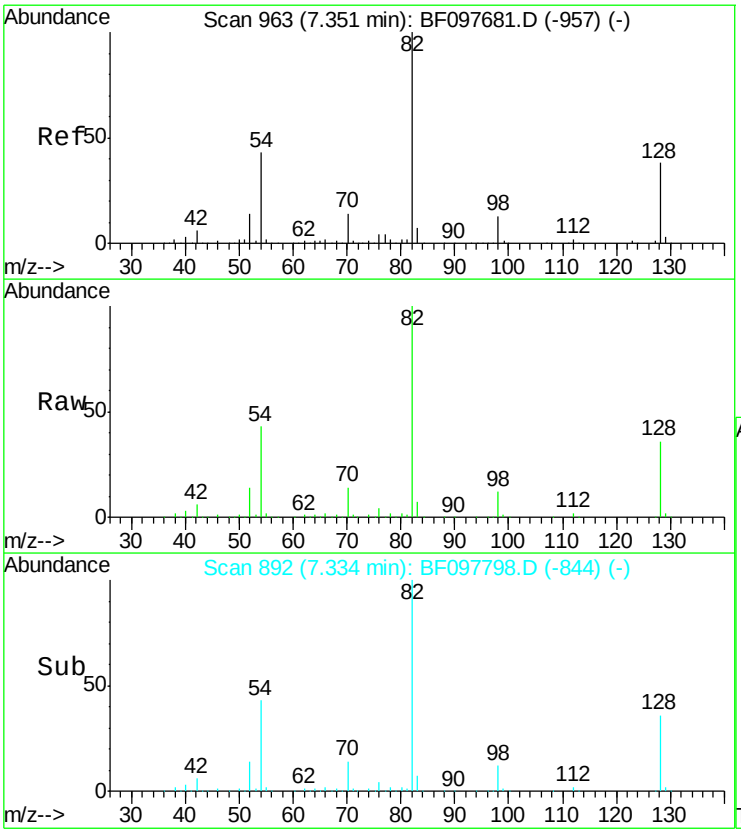
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:136 Resp: 481199

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	4.9	7.3#
68	7.1	4.1	6.1#

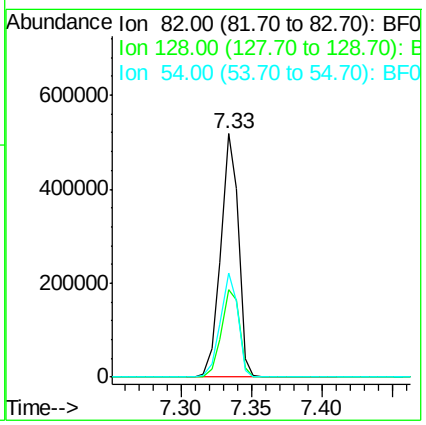


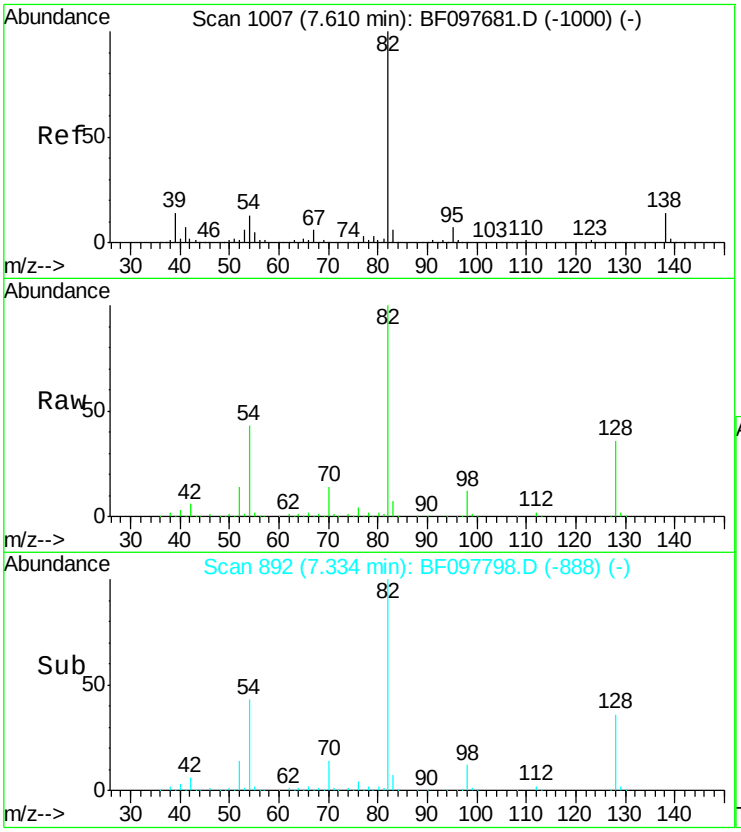


#23
Nitrobenzene-d5
Concen: 51.01 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion: 82 Resp: 451857

Ion	Ratio	Lower	Upper
82	100		
128	35.8	34.0	51.0
54	43.0	42.2	63.2



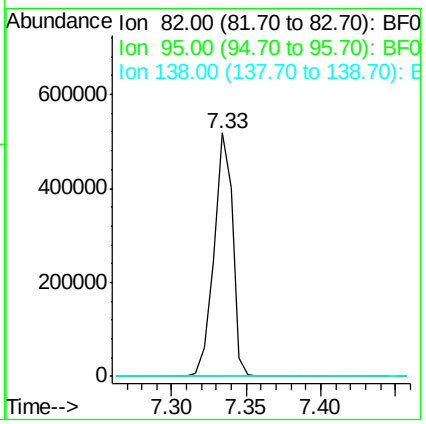


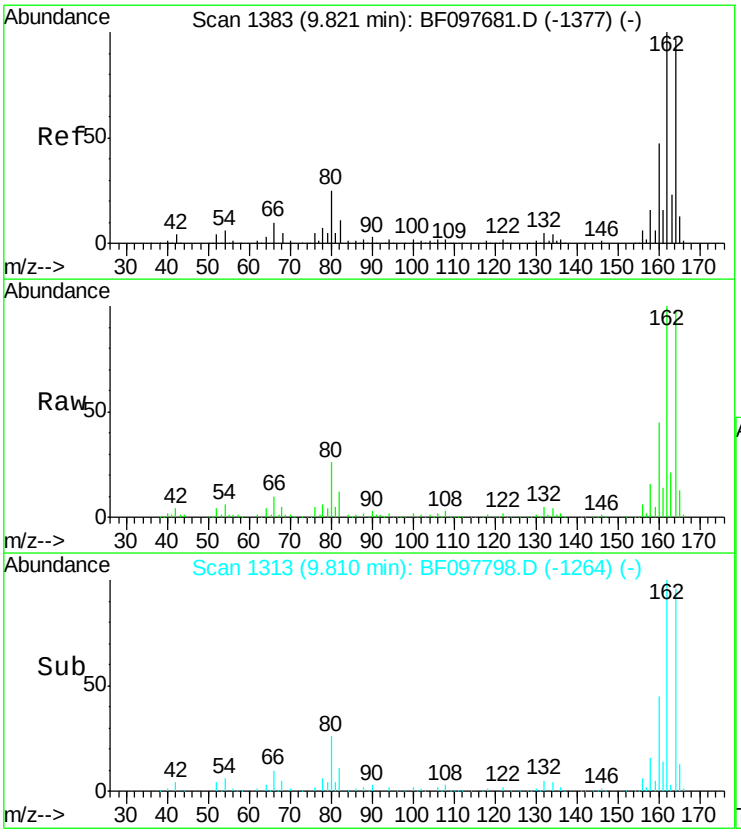
#25
Isophorone
Concen: 24.53 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion: 82 Resp: 451849

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

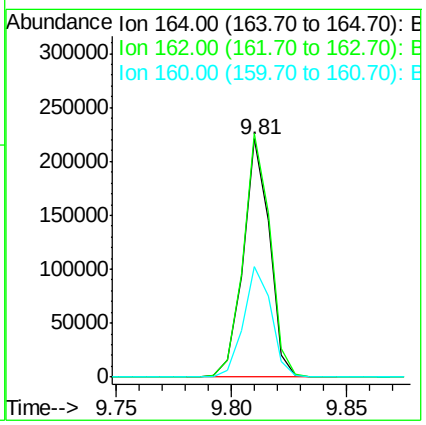


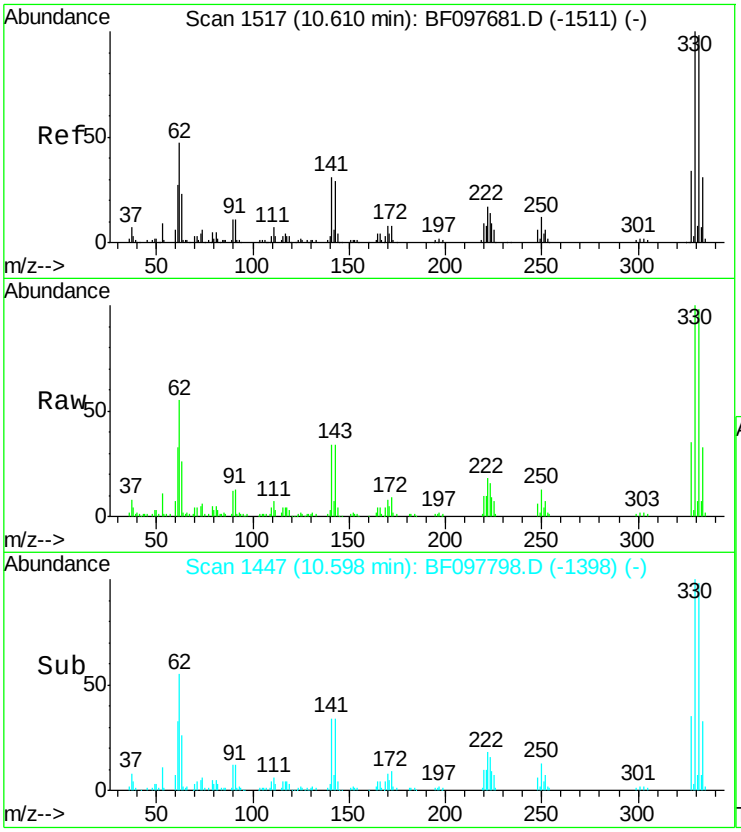


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:164 Resp: 176179

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	46.3	36.2	54.2



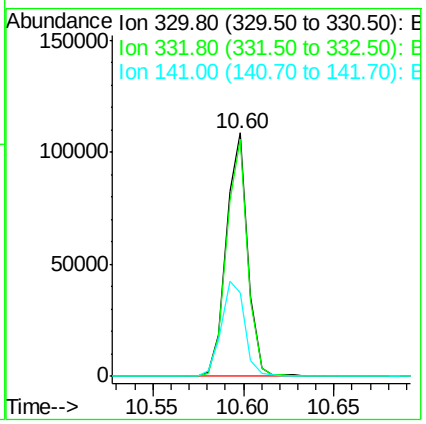


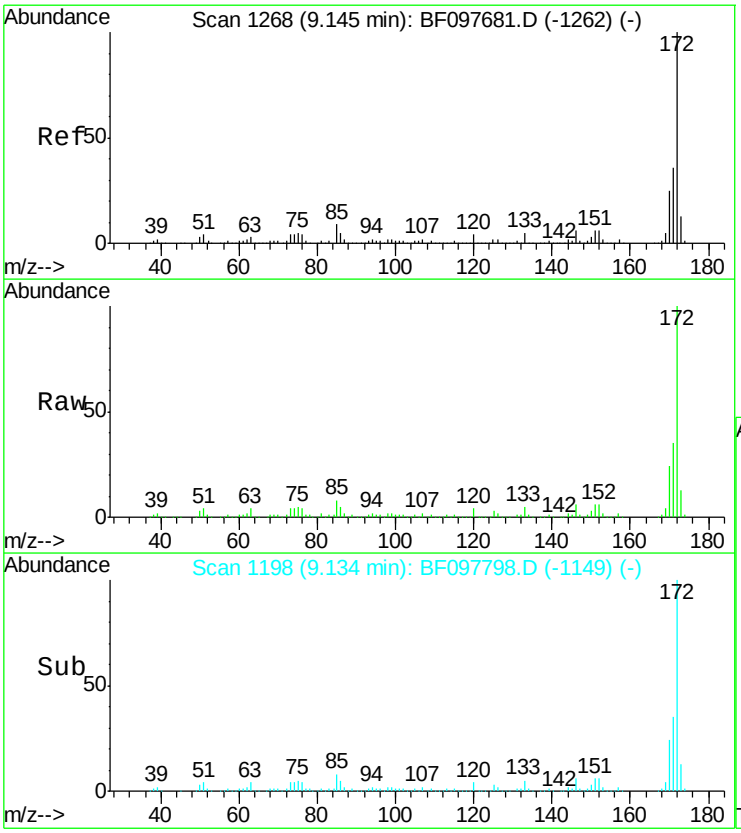
#41
2,4,6-Tribromophenol
Concen: 58.37 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:330 Resp: 89221

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	42.9	31.4	47.2

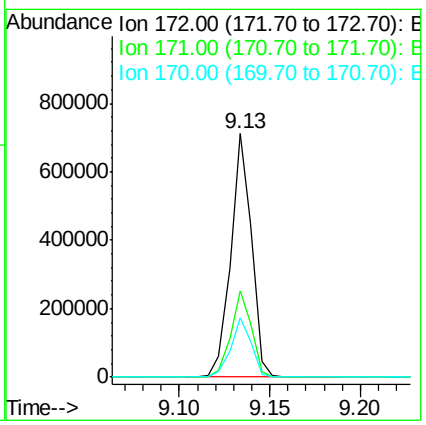


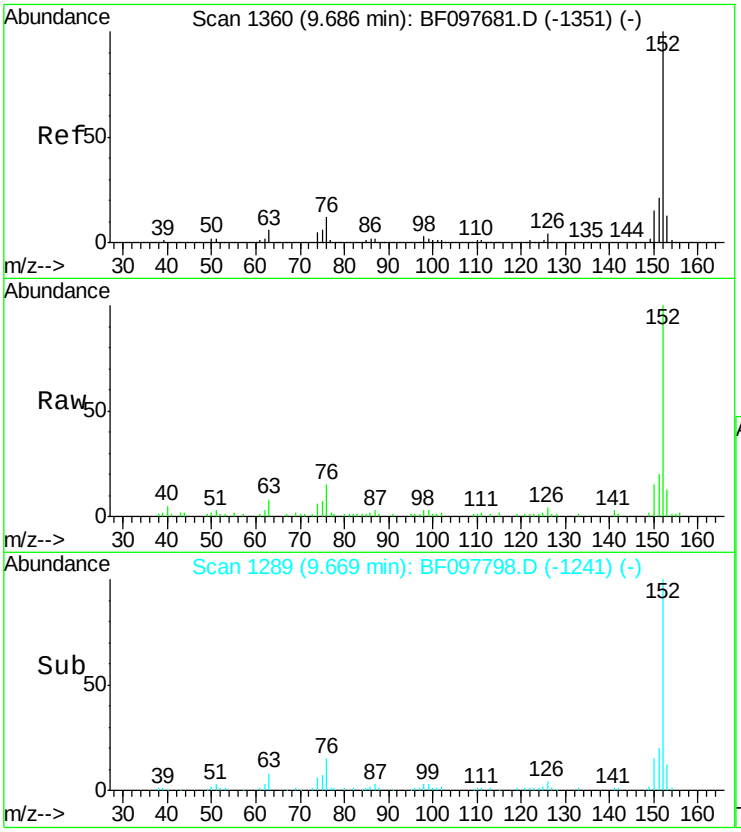


#44
2-Fluorobiphenyl
Concen: 47.09 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:172 Resp: 564660

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.2	19.8	29.8



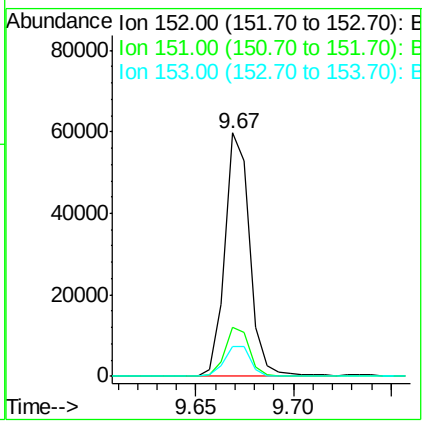


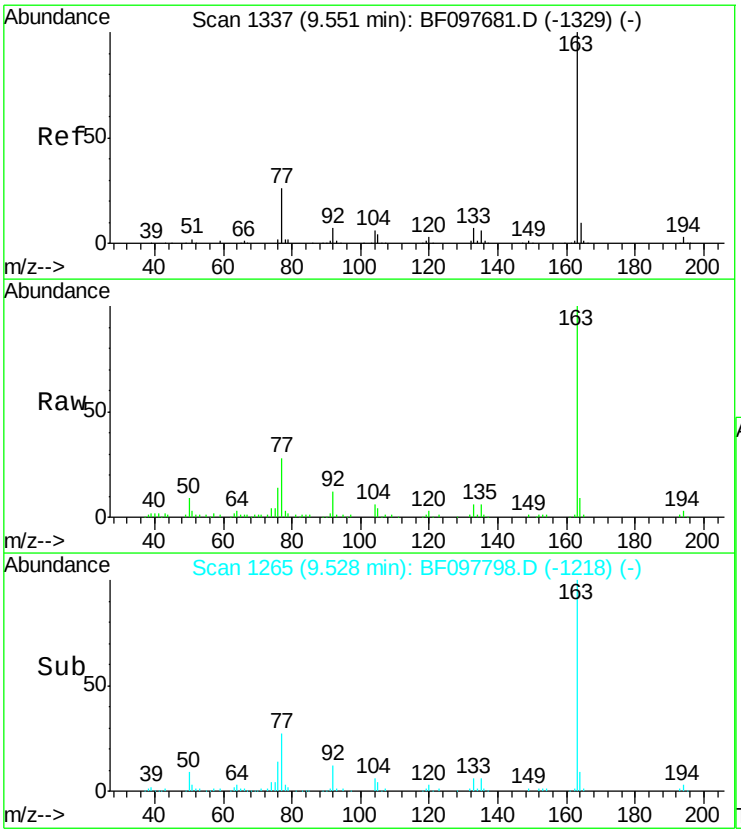
#48
Acenaphthylene
Concen: 2.83 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:152 Resp: 52668

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	12.5	10.8	16.2

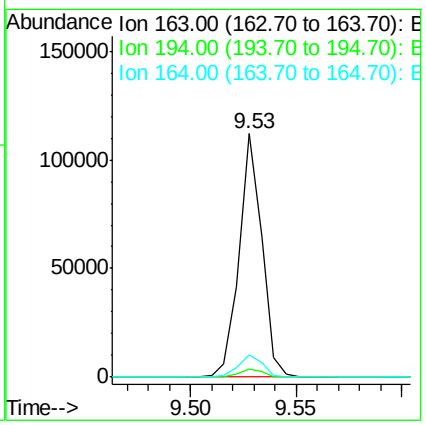


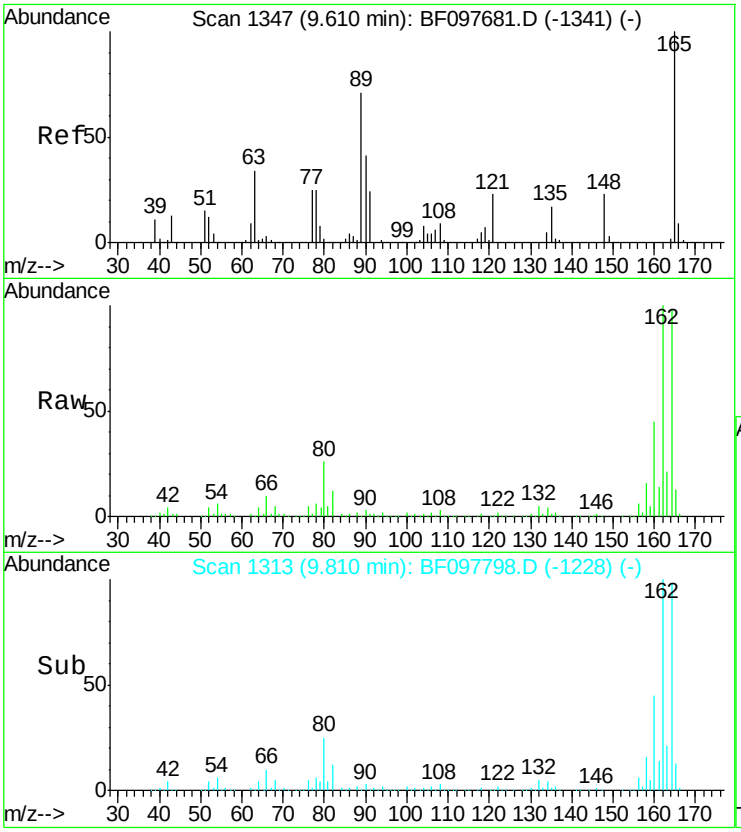


#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:163 Resp: 82964

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.2	8.4	12.6



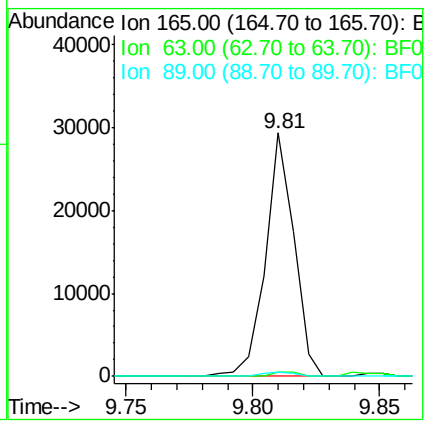


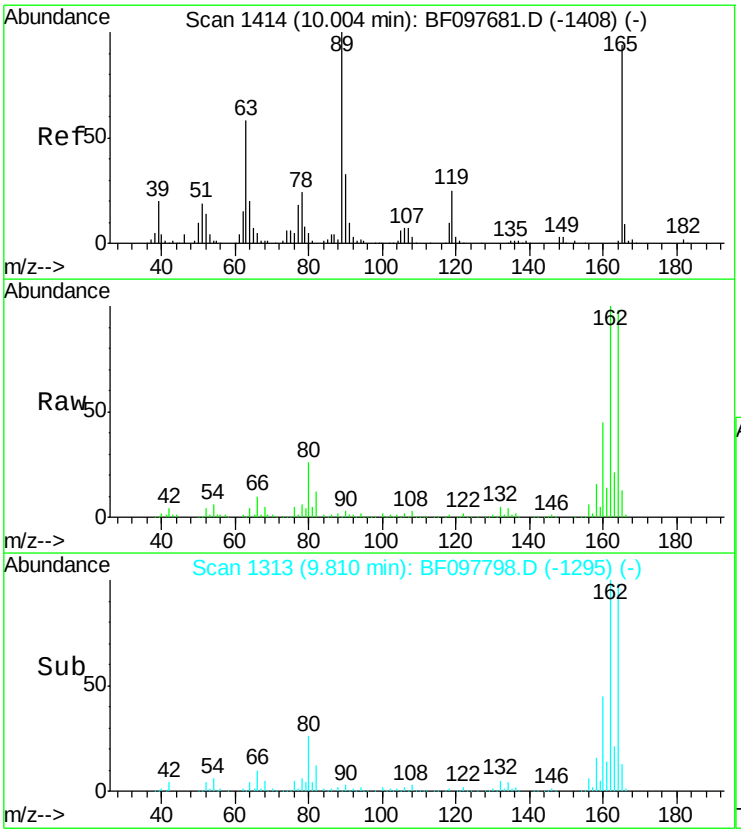
#50
2,6-Dinitrotoluene
Concen: 8.92 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.20 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:165 Resp: 22928

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.7	37.1	55.7#

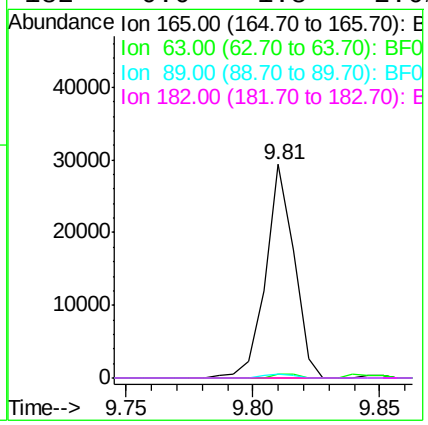


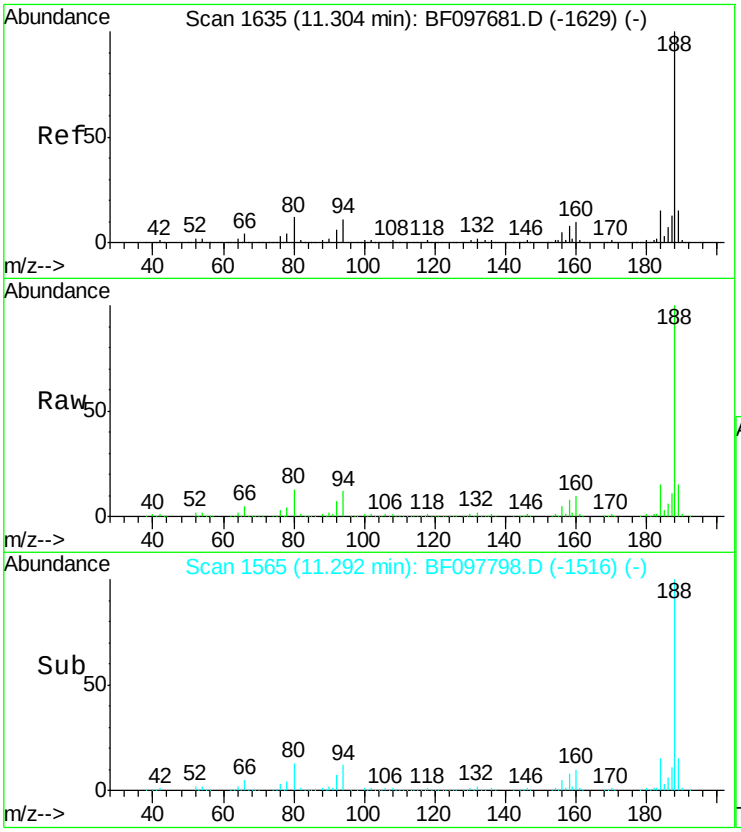


#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:165 Resp: 22928

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



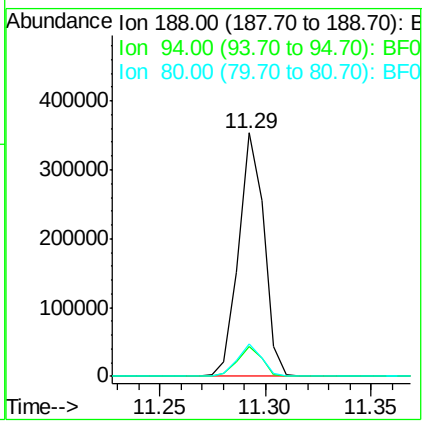


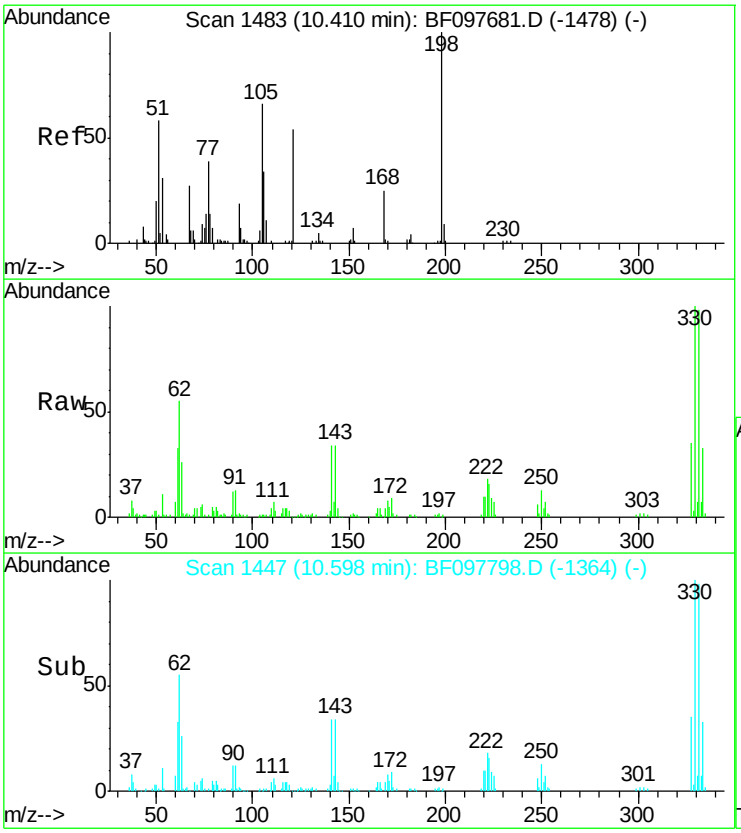
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:188 Resp: 293164

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.2	10.2	15.2

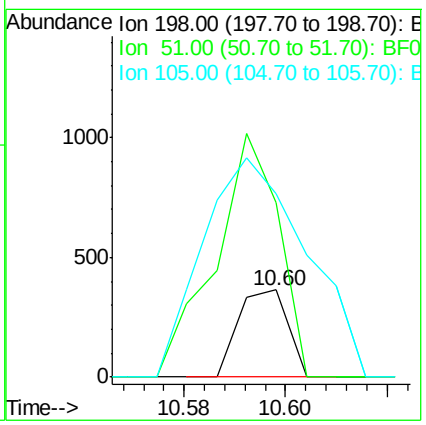


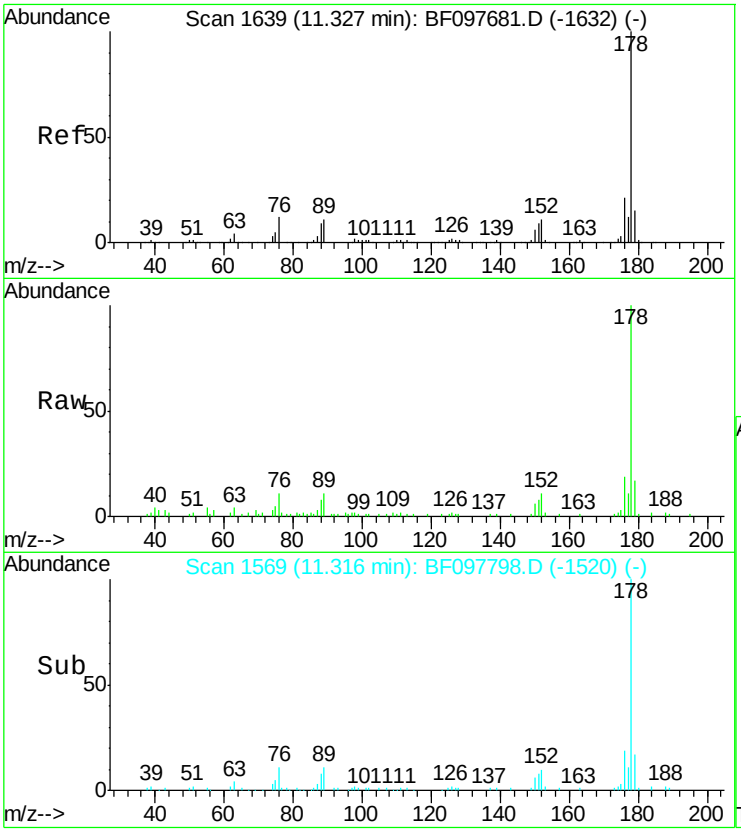


#64
4,6-Dinitro-2-methylphenol
Concen: 8.47 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:198 Resp: 246

Ion	Ratio	Lower	Upper
198	100		
51	199.7	53.2	93.2#
105	211.3	45.8	85.8#



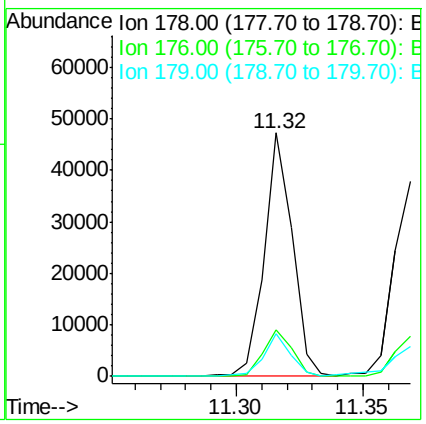


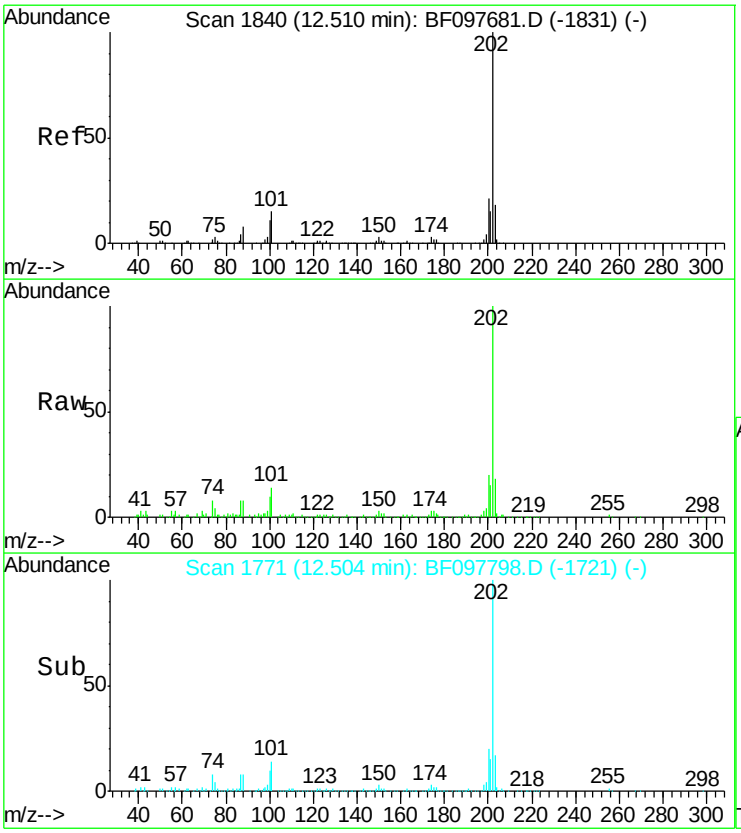
#70
Phenanthrene
Concen: 2.33 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:178 Resp: 36391

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	17.3	12.6	19.0

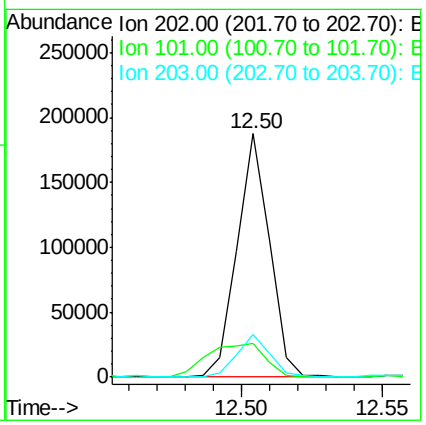


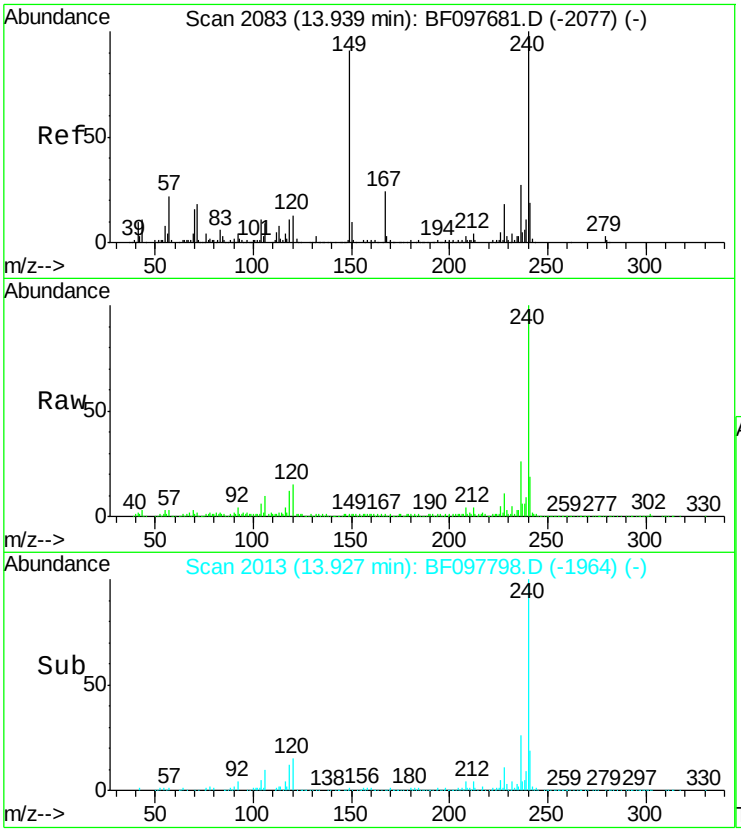


#74
Fluoranthene
Concen: 9.11 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:202 Resp: 148474

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.7	0.0	38.1



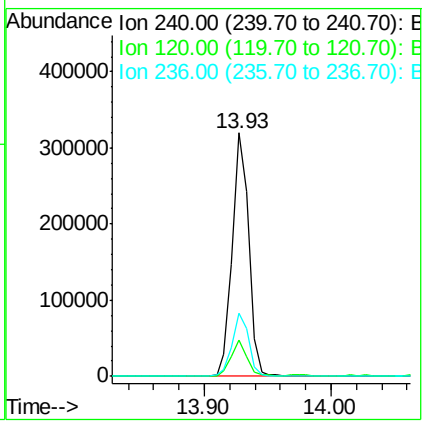


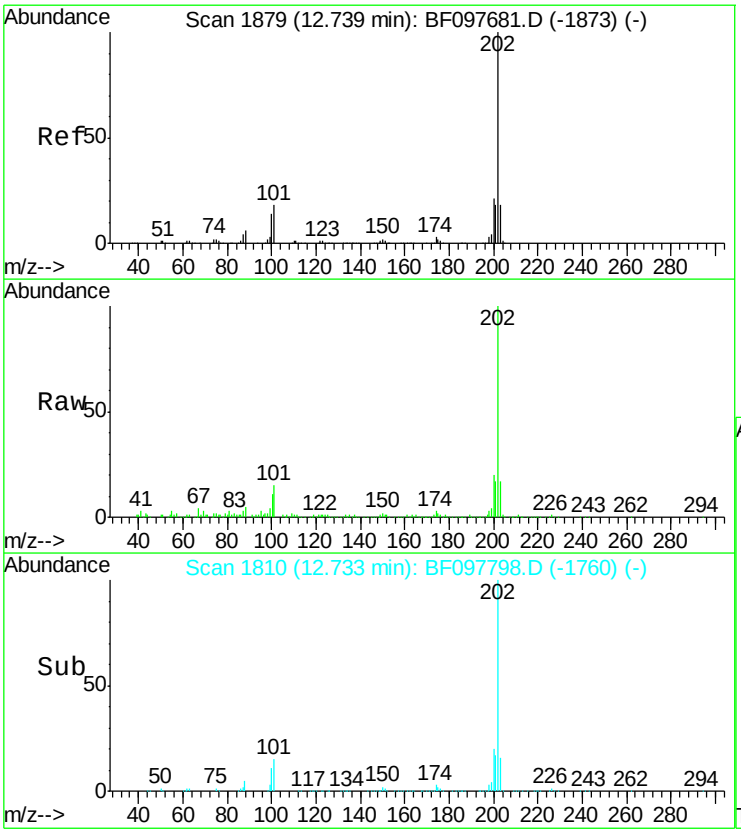
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:240 Resp: 282588

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.0	20.5	30.7

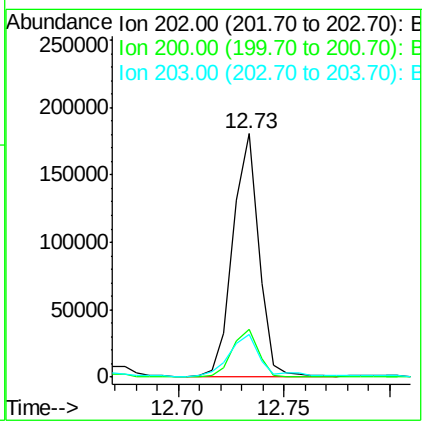


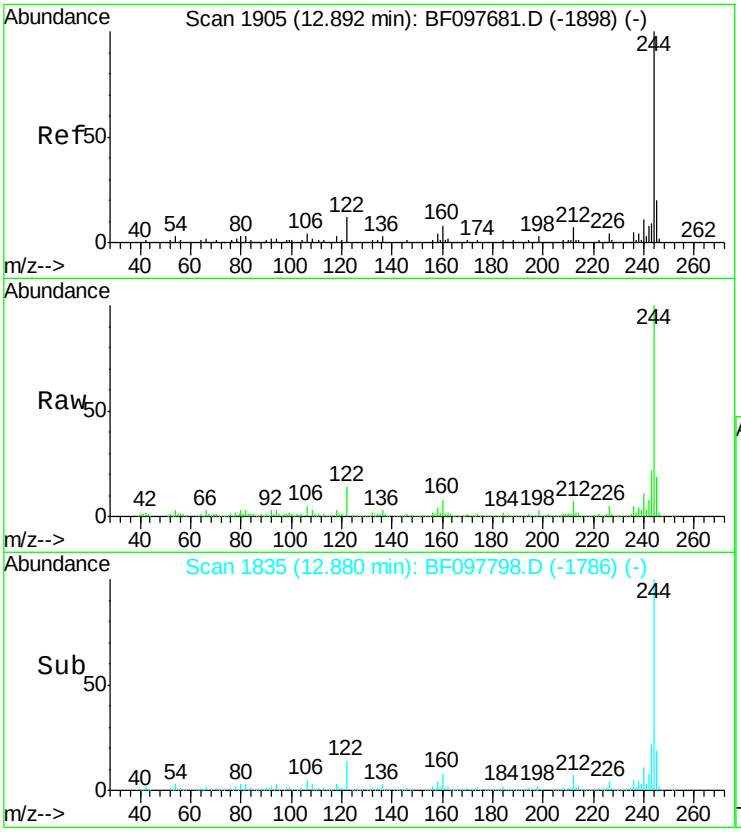


#77
Pyrene
Concen: 6.58 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:202 Resp: 152186

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	17.4	14.4	21.6



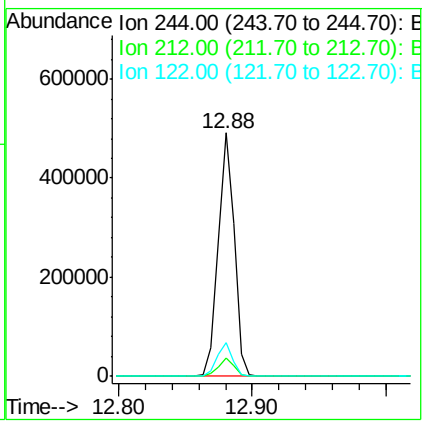


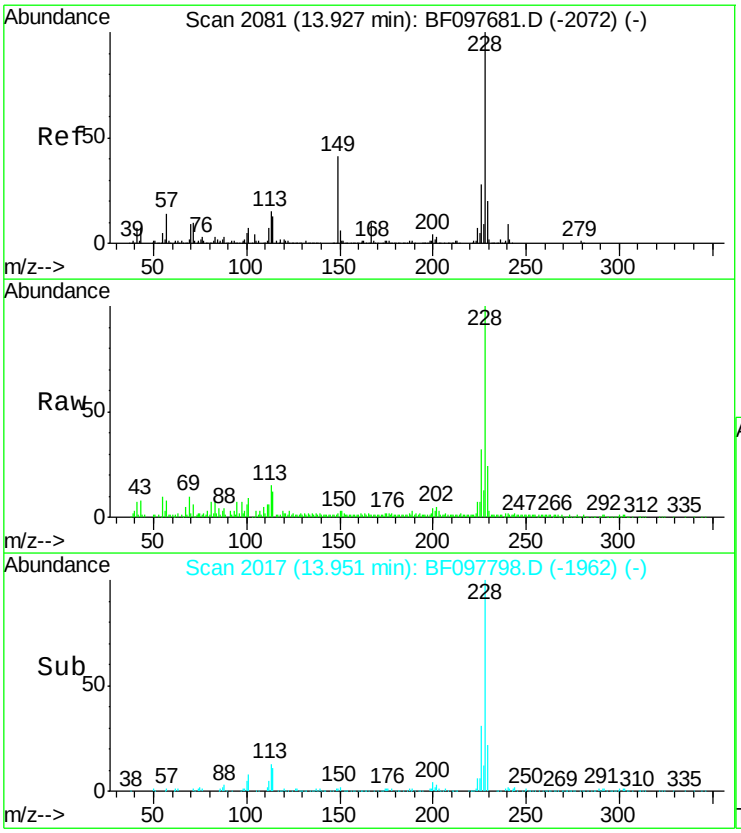
#78
Terphenyl-d14
Concen: 30.99 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:244 Resp: 419958

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.7	10.3	15.5

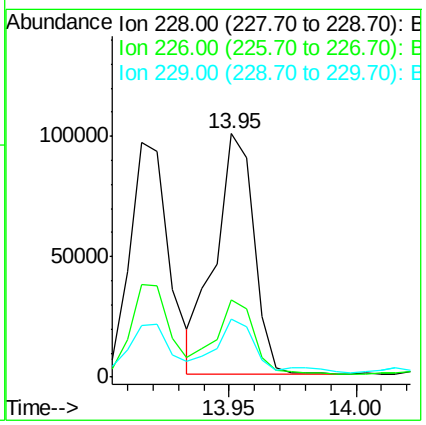


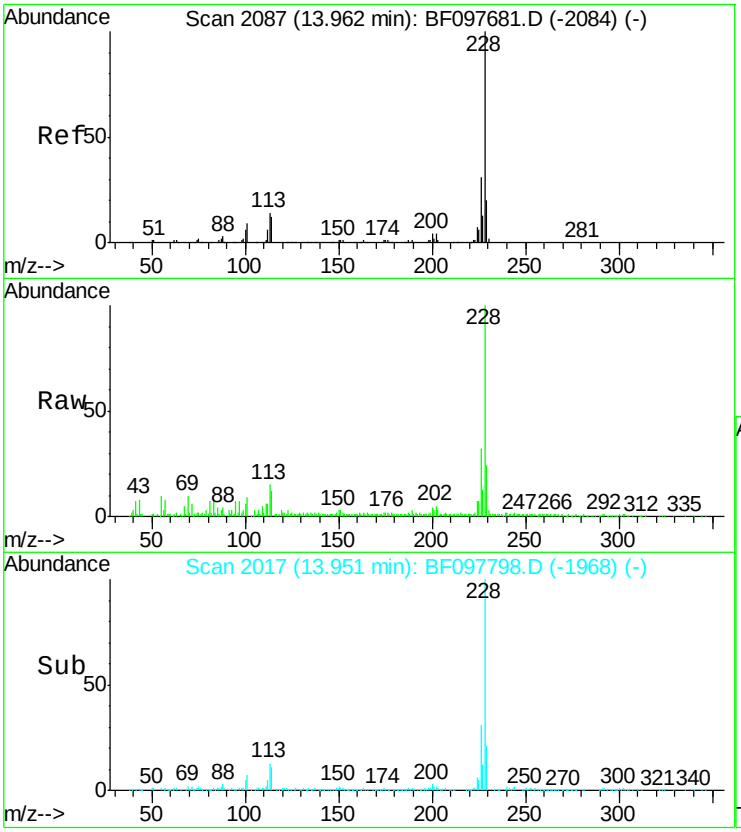


#80
Benzo(a)anthracene
Concen: 6.26 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:228 Resp: 106104

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	23.7	16.3	24.5



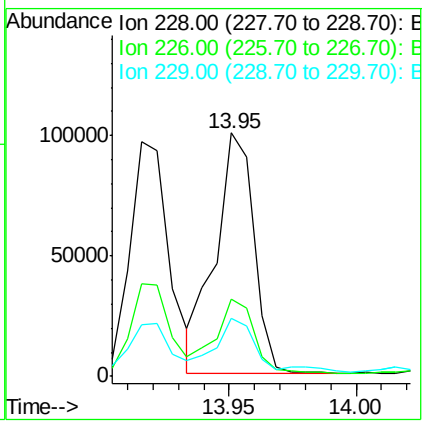


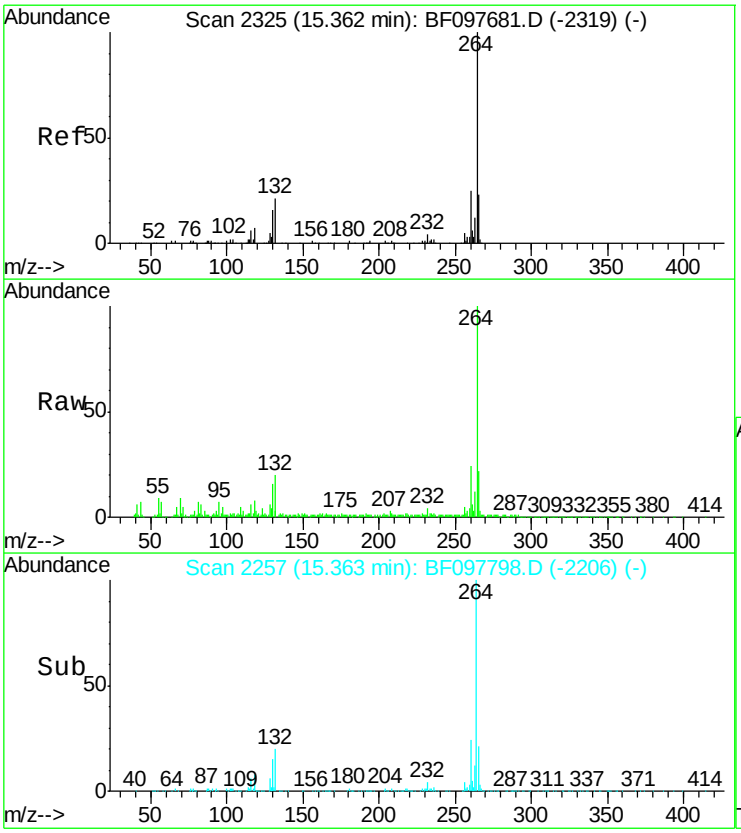
#82
Chrysene
Concen: 6.30 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:228 Resp: 106104

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	23.7	15.8	23.6#

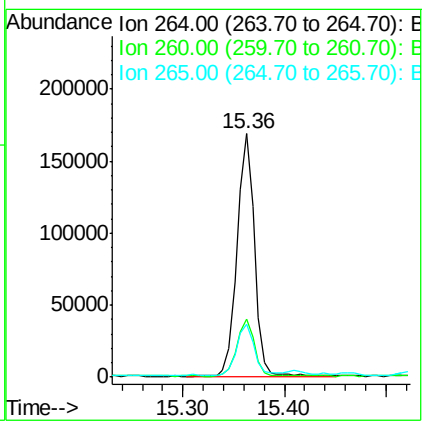


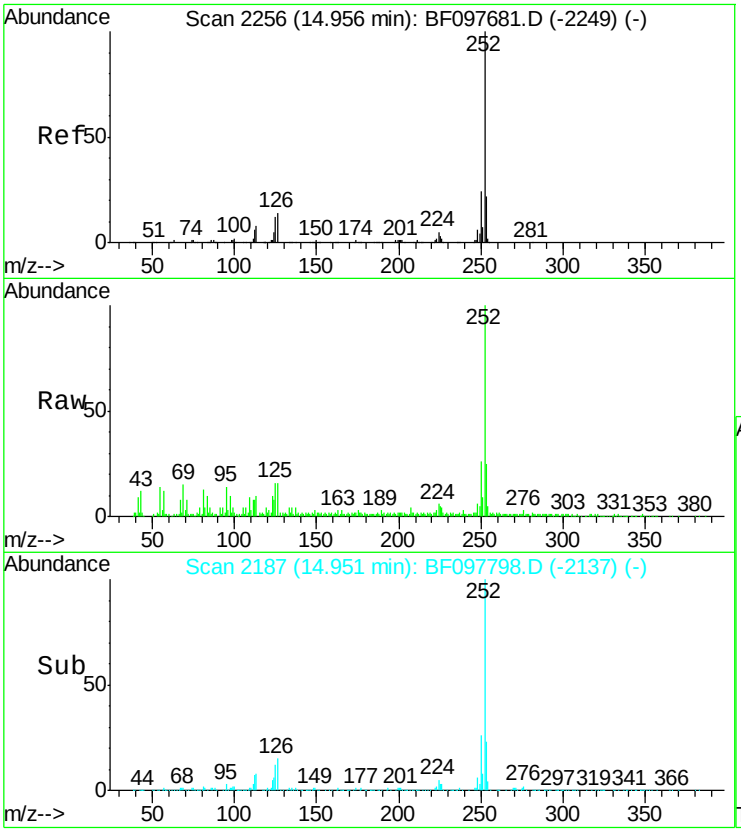


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:264 Resp: 200585

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	17.2	25.8



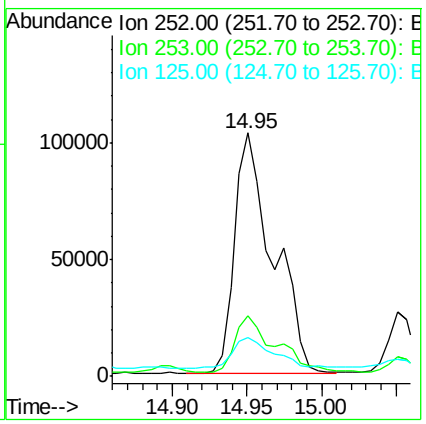


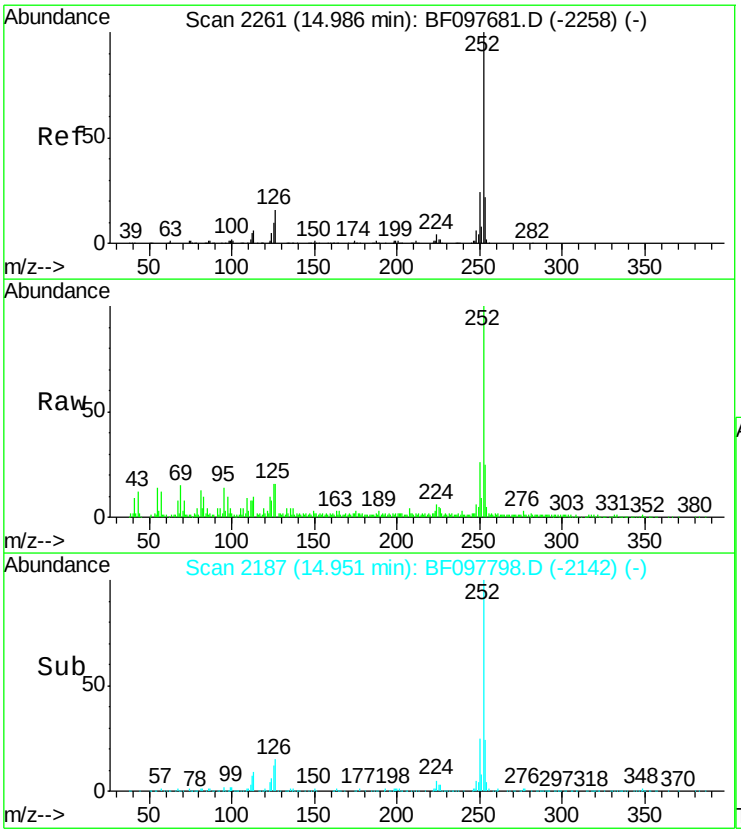
#87
Benzo(b)fluoranthene
Concen: 14.64 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:252 Resp: 185040

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	15.7	9.8	14.8#

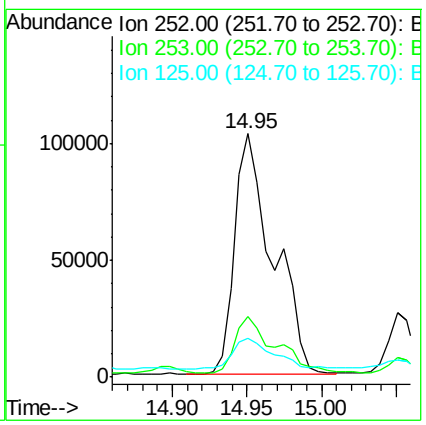


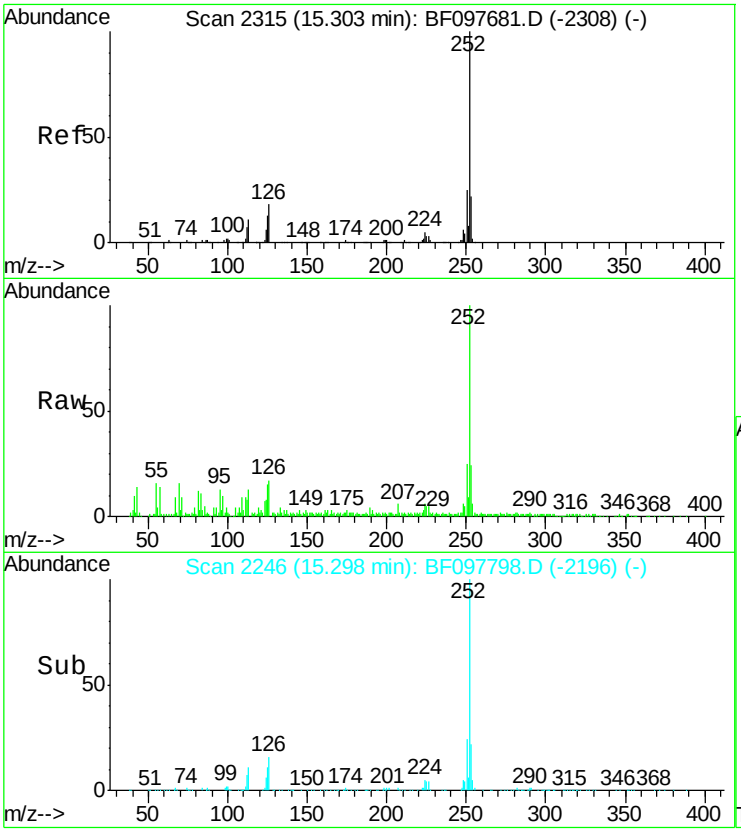


#88
Benzo(k)fluoranthene
Concen: 15.58 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:252 Resp: 185040

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	15.7	13.1	19.7



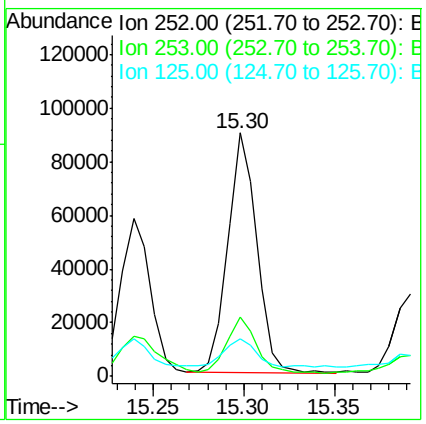


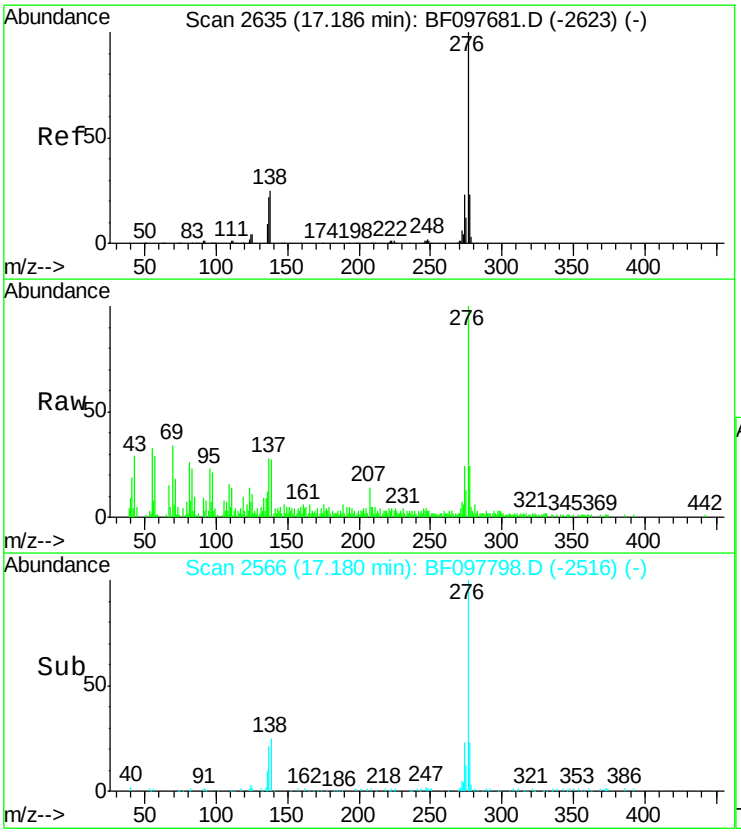
#89
Benzo(a)pyrene
Concen: 8.93 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-081517-A

Tgt Ion:252 Resp: 99937

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	15.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.79 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097798.D
Acq: 17 Aug 2017 20:55

Tgt Ion:276 Resp: 64515

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	27.3	25.4	38.0