Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096357.D
Acq On : 1 Jul 2017 1:00
Operator : SJ/MA
Sample : I3930-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 01 01:55:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	152570	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	604127	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	214663	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	310444	20.00	ng		-0.02
75) Chrysene-d12	13.90	240	302444	20.00	ng		-0.01
86) Perylene-d12	15.32	264	210662	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1099064	103.78	ng		0.00
7) Phenol-d6	6.39	99	1331651	103.85	ng		0.00
23) Nitrobenzene-d5	7.32	82	754086	86.41	ng		-0.04
41) 2,4,6-Tribromophenol	10.58	330	207594	122.88	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	1002773	85.55	ng		-0.03
78) Terphenyl-d14	12.86	244	690452	56.97	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	1279	Below Cal		#	84
10) Phenol	6.40	94	33618	2.38	ng		89
19) n-Nitroso-di-n-propylamine	7.32	70	99408	12.94	ng	#	87
25) Isophorone	7.32	82	753908	38.04	ng	#	67
32) Benzoic acid	7.73	122	243	8.82	ng		93
49) Dimethylphthalate	9.51	163	202713	13.20	ng		98
56) 2,4-Dinitrotoluene	9.79	165	27984	6.95	ng	#	33
57) Fluorene	10.34	166	19193	Below Cal			96
64) 4,6-Dinitro-2-methylphenol	10.57	198	167	8.83	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	11176	3.50	ng	#	1
70) Phenanthrene	11.30	178	212277	7.19	ng		97
71) Anthracene	11.35	178	55870	3.22	ng		94
74) Fluoranthene	12.48	202	264471	15.34	ng		96
77) Pyrene	12.71	202	238049	9.58	ng		99
80) Benzo(a)anthracene	13.89	228	123250	6.69	ng		96
82) Chrysene	13.93	228	107307	5.63	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	41501	2.62	ng		93
87) Benzo(b)fluoranthene	14.92	252	147087	10.63	ng	#	94
88) Benzo(k)fluoranthene	14.92	252	147087	11.64	ng		97
89) Benzo(a)pyrene	15.26	252	67773	5.54	ng	#	94
91) Benzo(g,h,i)perylene	17.12	276	39313	3.95	ng	#	87

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

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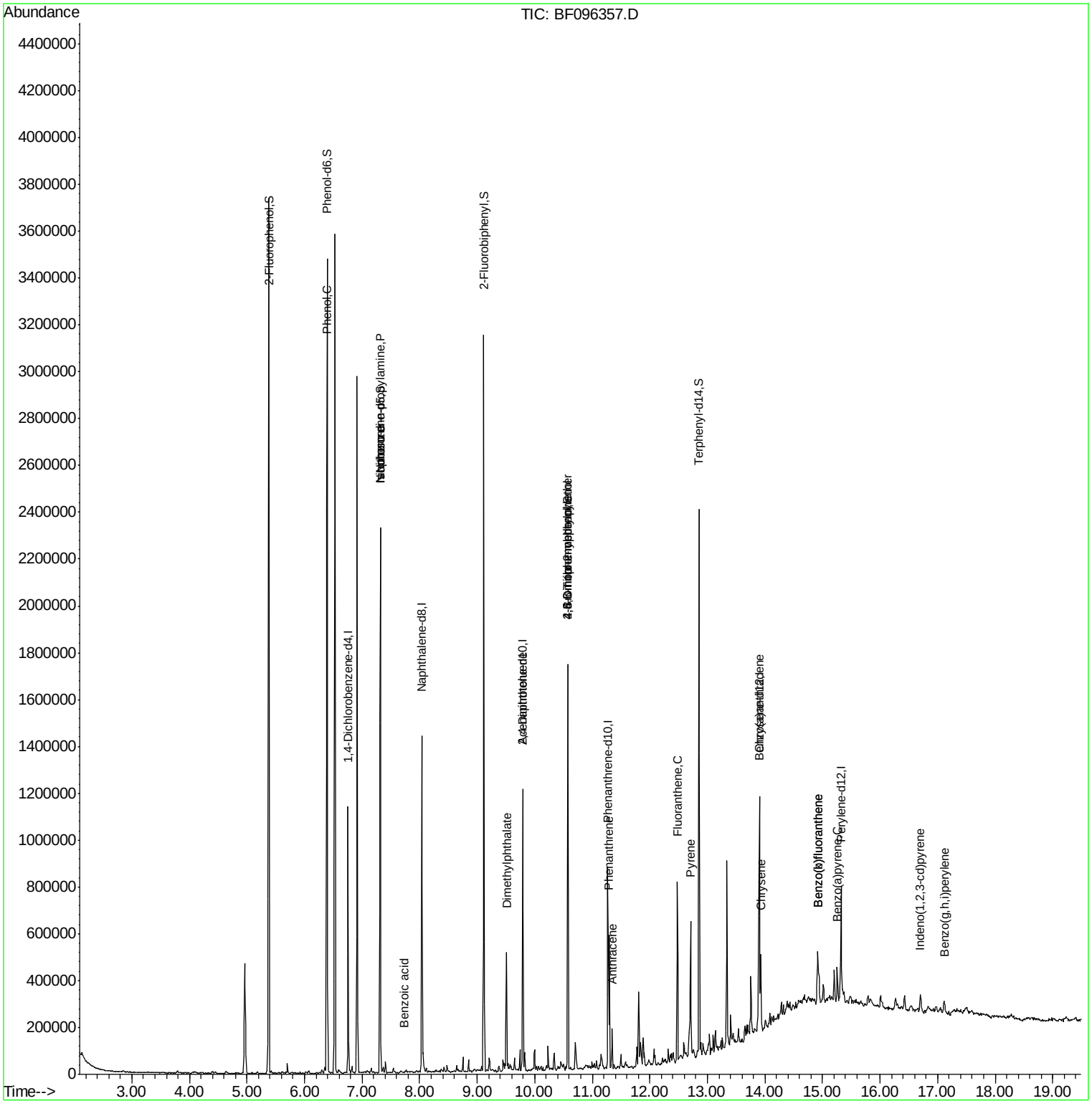
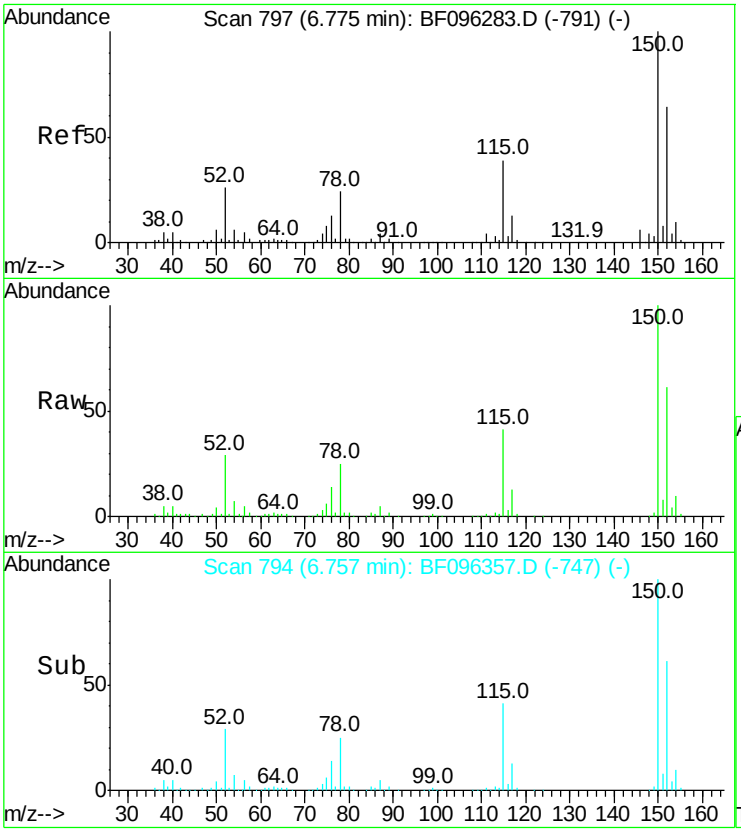
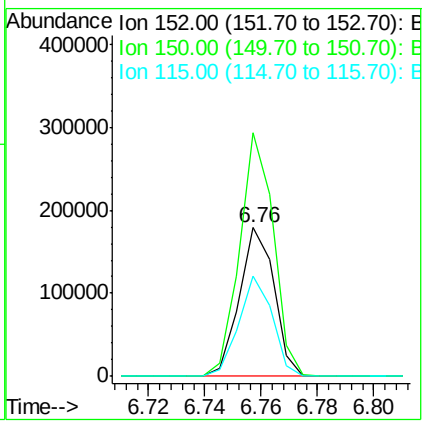




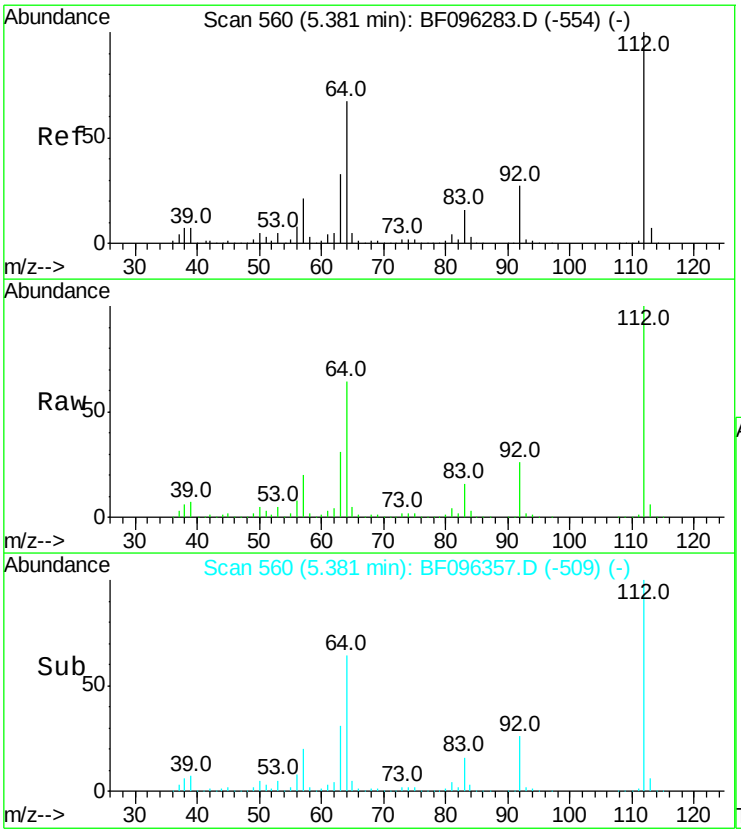
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:152 Resp: 152570

Ion	Ratio	Lower	Upper
152	100		
150	164.1	126.2	189.2
115	67.3	52.2	78.2



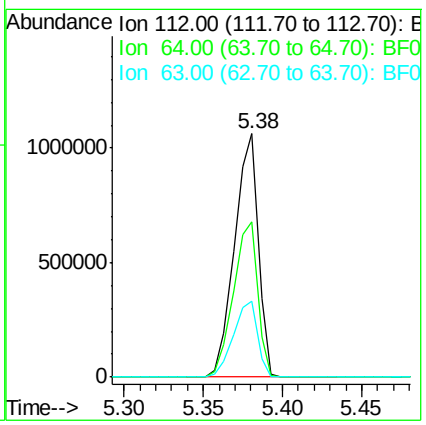
Instrument :
BNA_F
ClientSampleId :

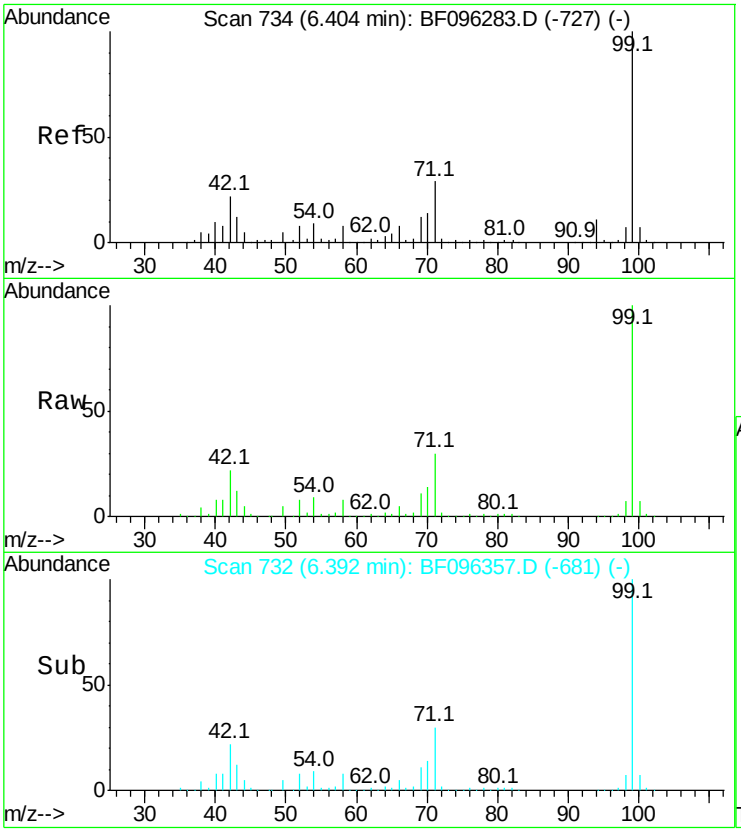


#5
2-Fluorophenol
Concen: 103.78 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:112 Resp: 1099064

Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.0	69.0
63	31.0	23.4	35.0



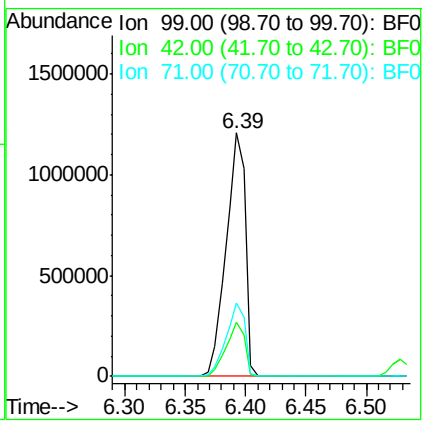


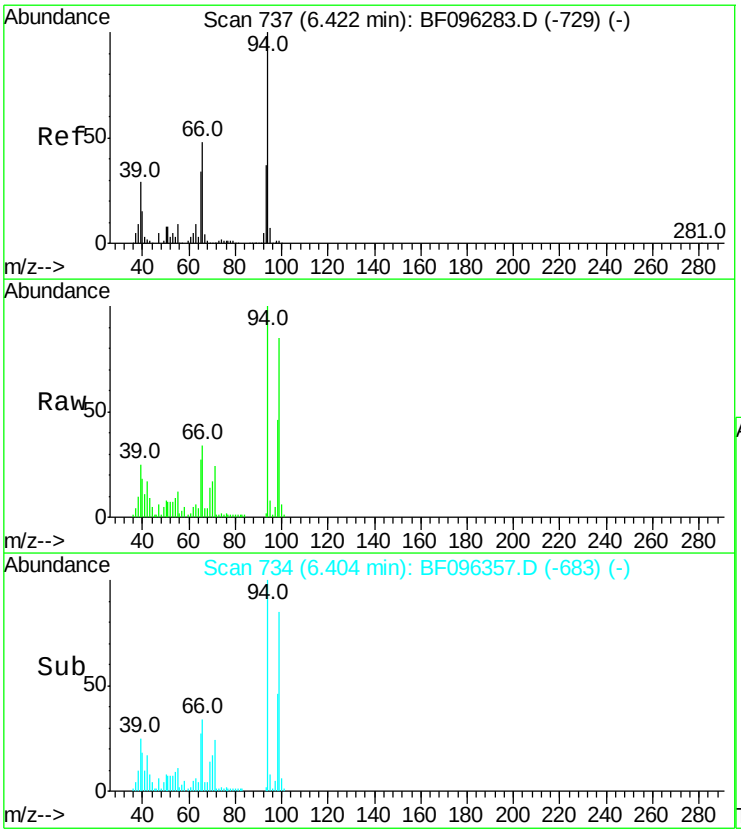
#7
Phenol-d6
Concen: 103.85 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1331651

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	30.2	24.5	36.7

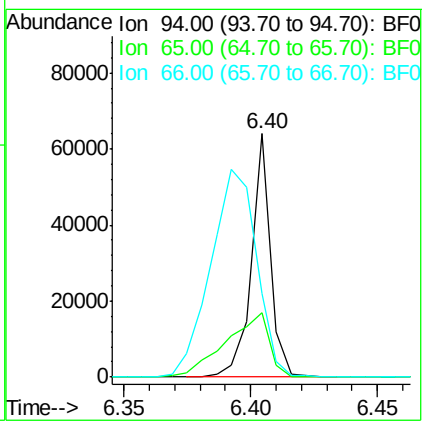


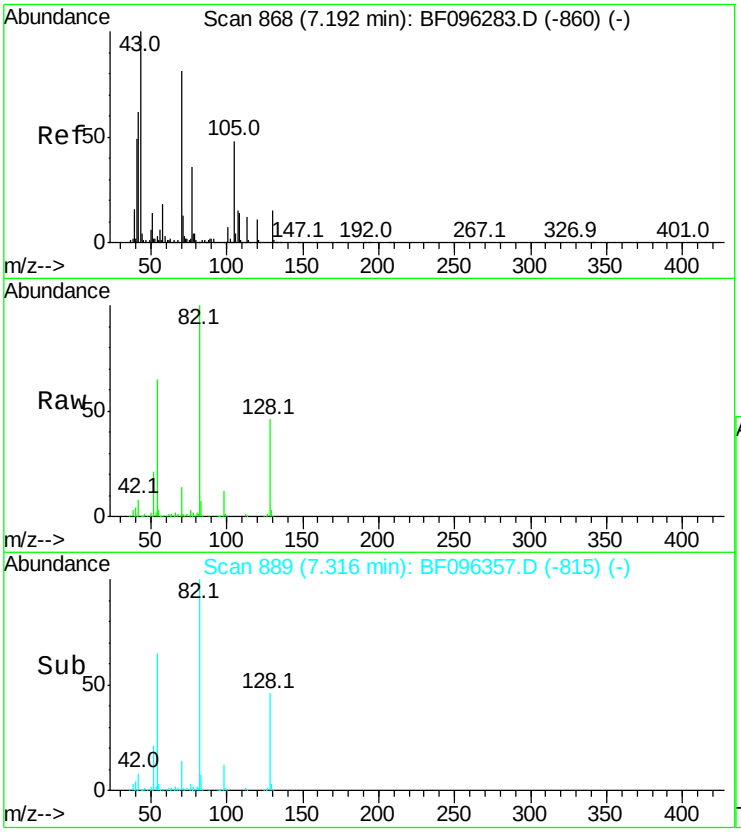


#10
Phenol
Concen: 2.38 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion: 94 Resp: 33618

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	34.3	23.1	63.1



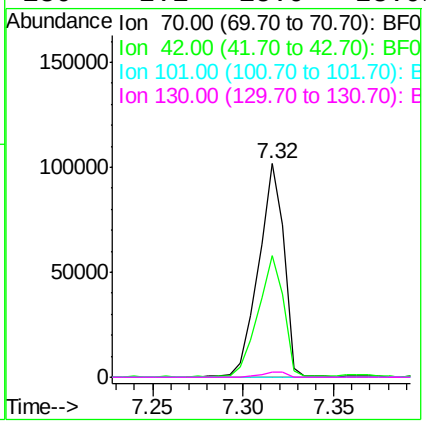


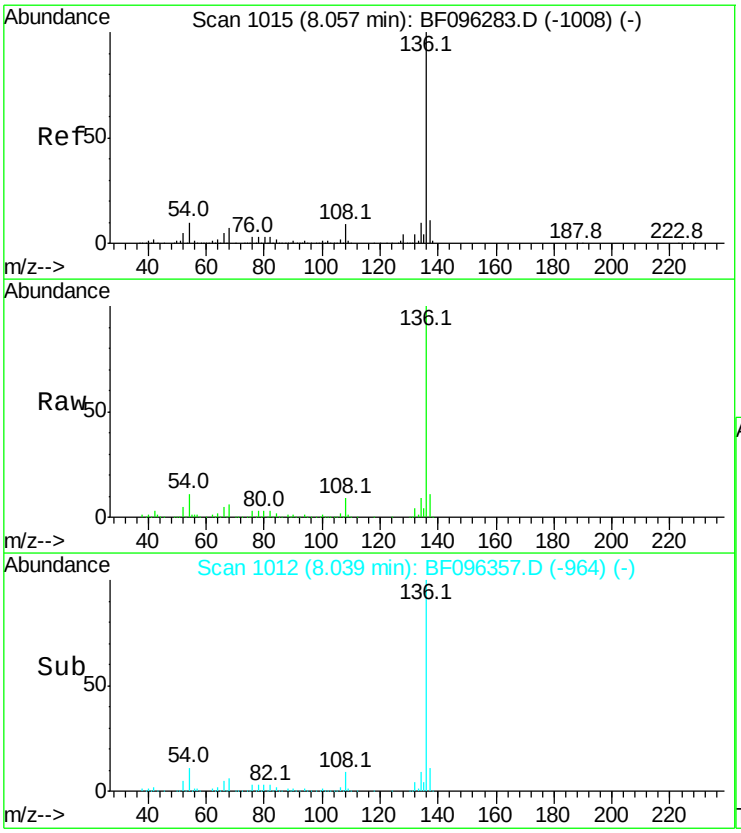
#19
n-Nitroso-di-n-propylamine
Concen: 12.94 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 99408

Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

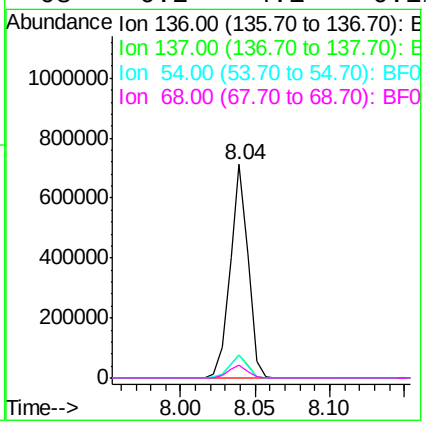


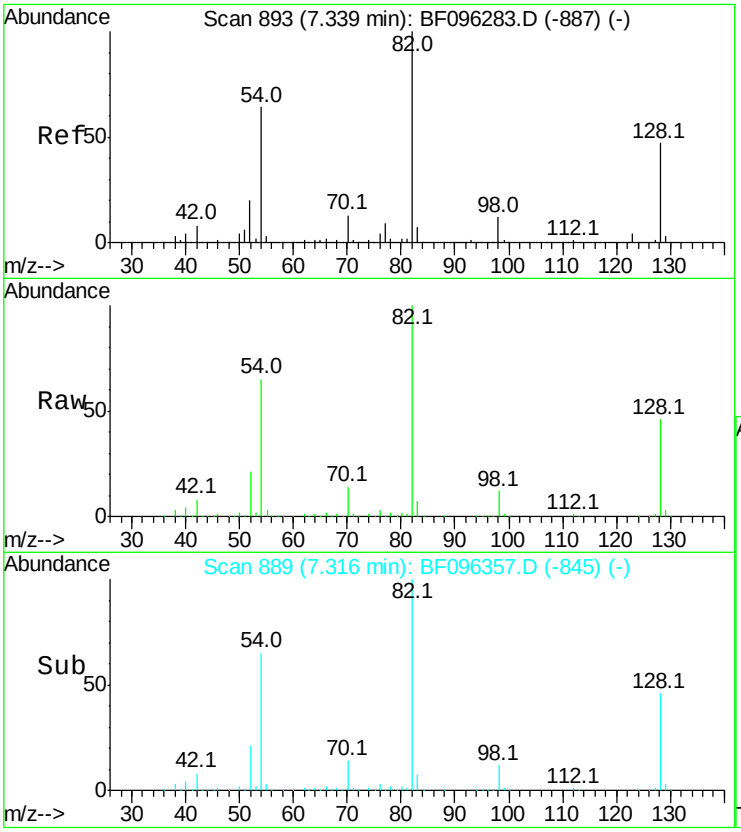


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:136 Resp: 604127

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.5	4.9	7.3#
68	6.2	4.1	6.1#



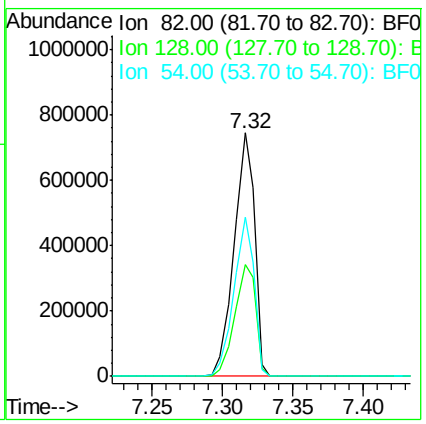


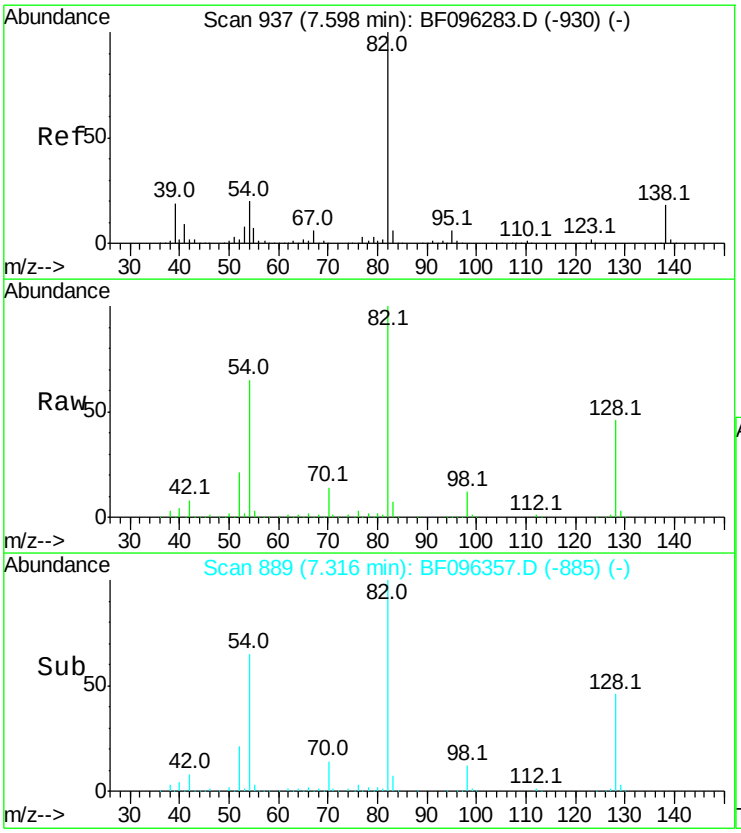
#23
Nitrobenzene-d5
Concen: 86.41 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 754086

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	65.2	42.2	63.2#

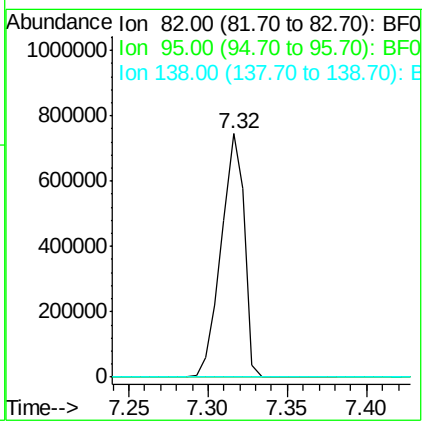


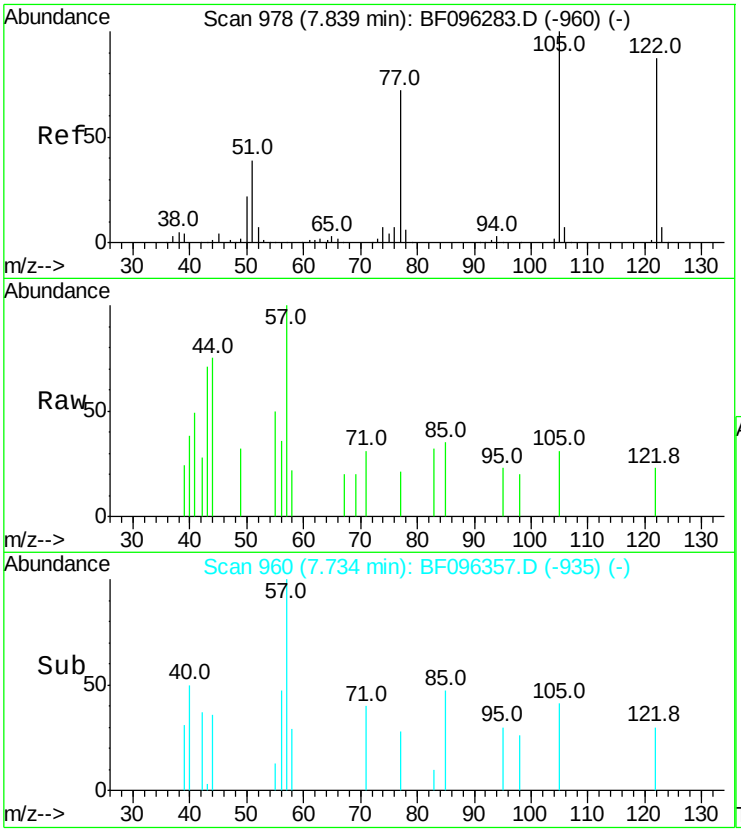


#25
Isophorone
Concen: 38.04 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.28 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion: 82 Resp: 753908

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

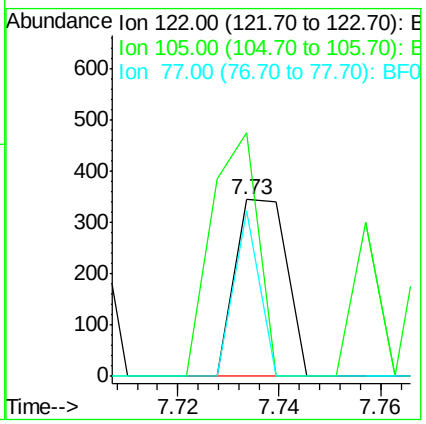




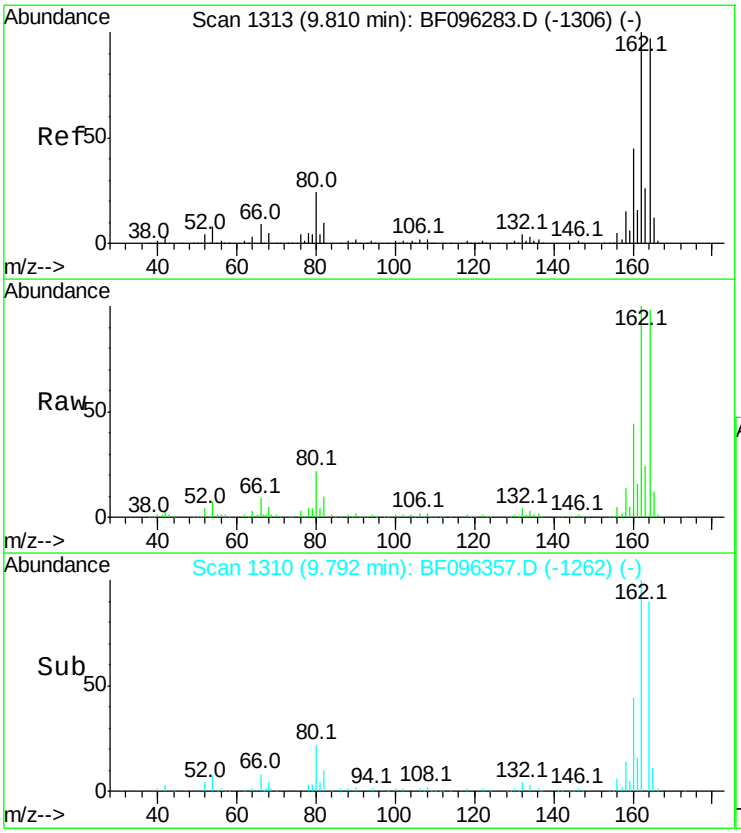
#32
Benzoic acid
Concen: 8.82 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.15 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:122 Resp: 243

Ion	Ratio	Lower	Upper
122	100		
105	138.0	103.3	143.3
77	93.6	73.7	113.7



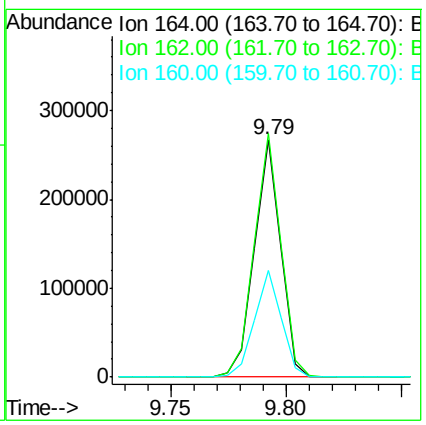
Instrument :
BNA_F
ClientSampleId :

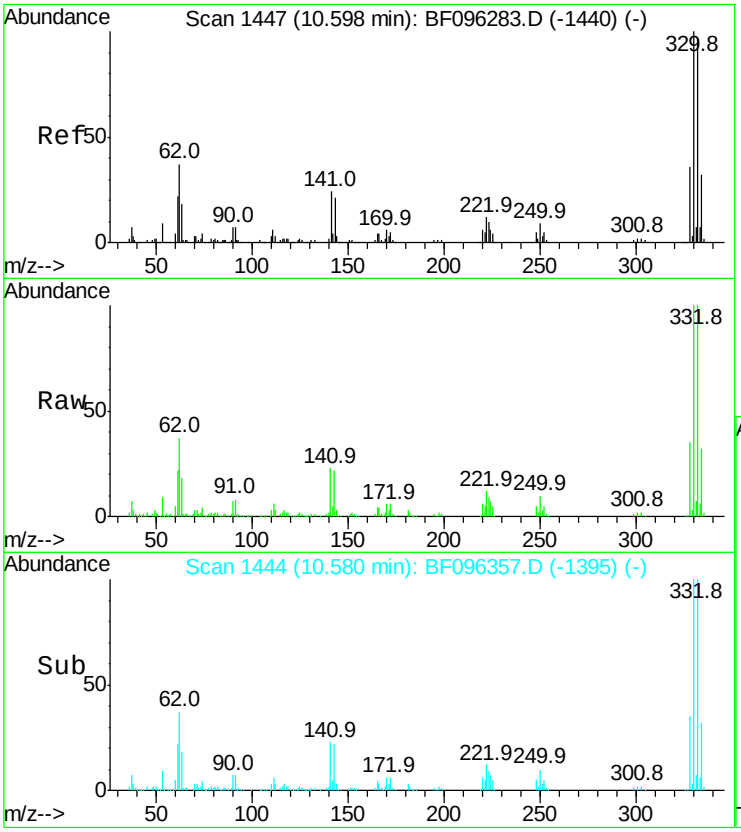


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:164 Resp: 214663

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.8	36.2	54.2



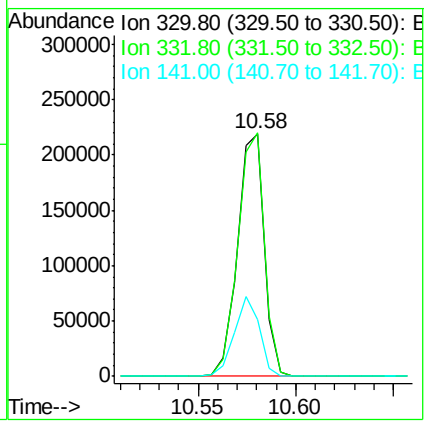


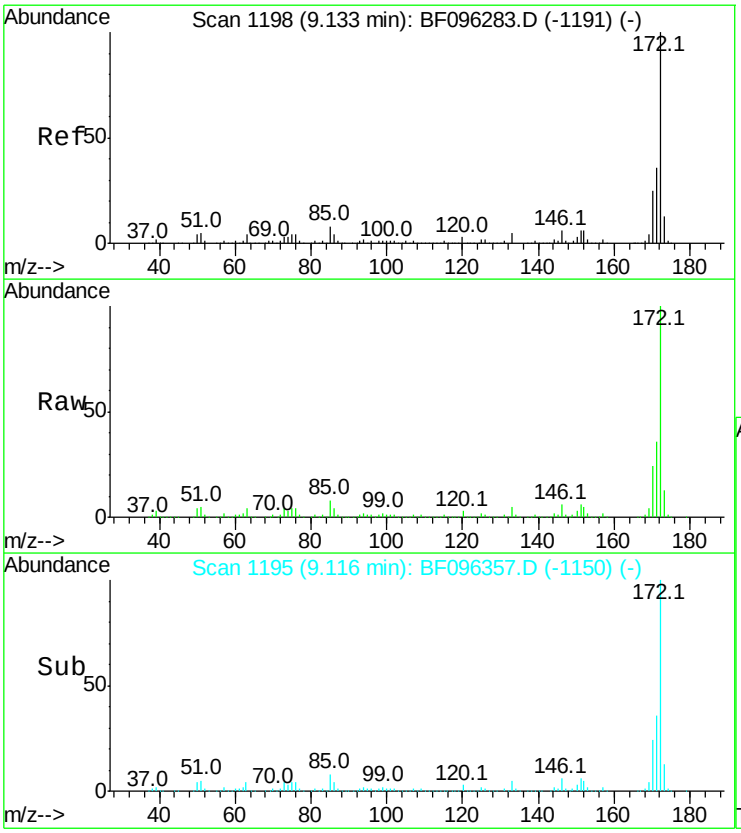
#41
2,4,6-Tribromophenol
Concen: 122.88 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 207594

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	115.0
141	31.2	31.4	47.2#

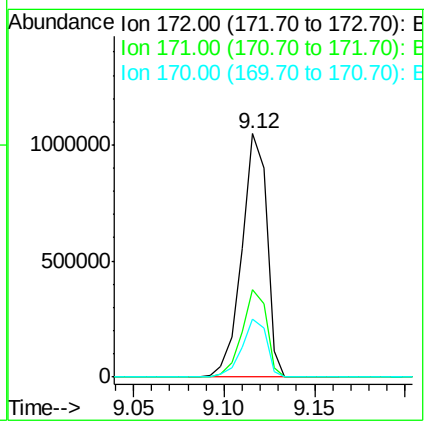


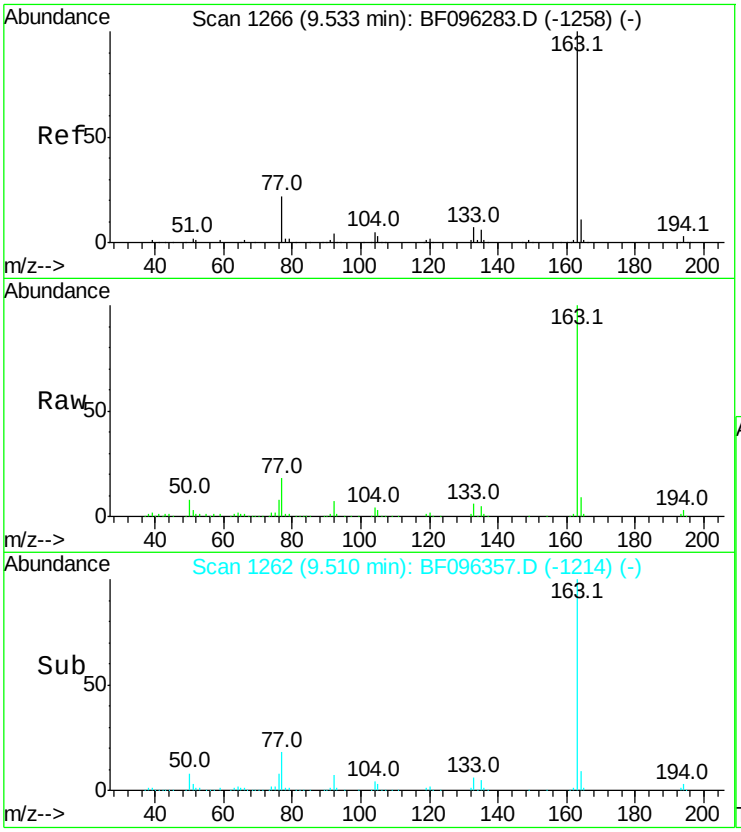


#44
2-Fluorobiphenyl
Concen: 85.55 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:172 Resp: 1002773

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8



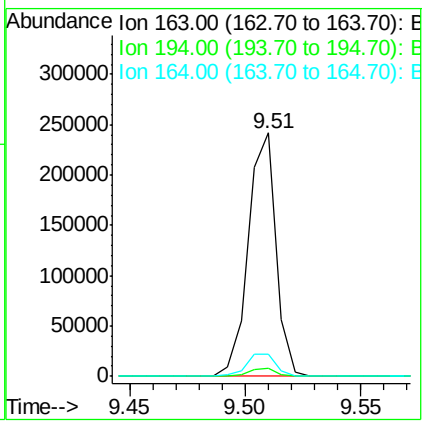


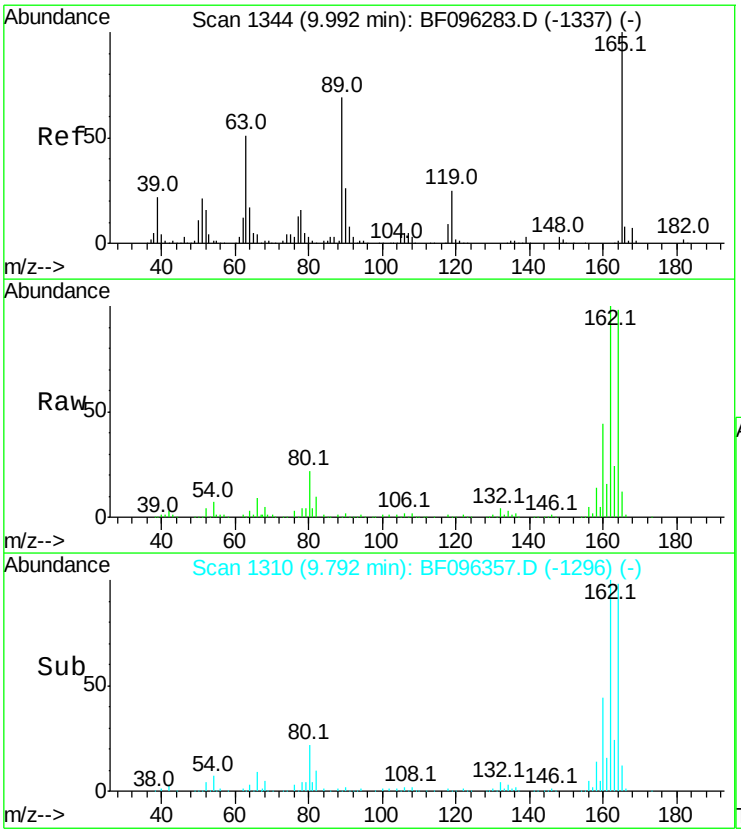
#49
Dimethylphthalate
Concen: 13.20 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 202713

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.4	8.4	12.6

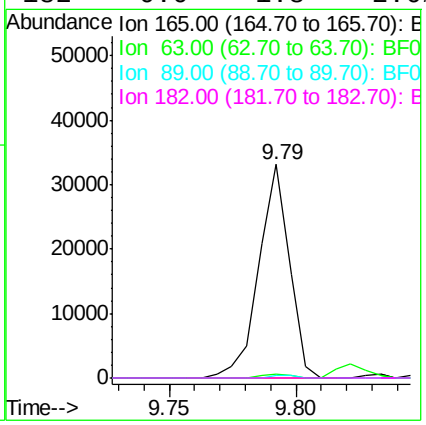


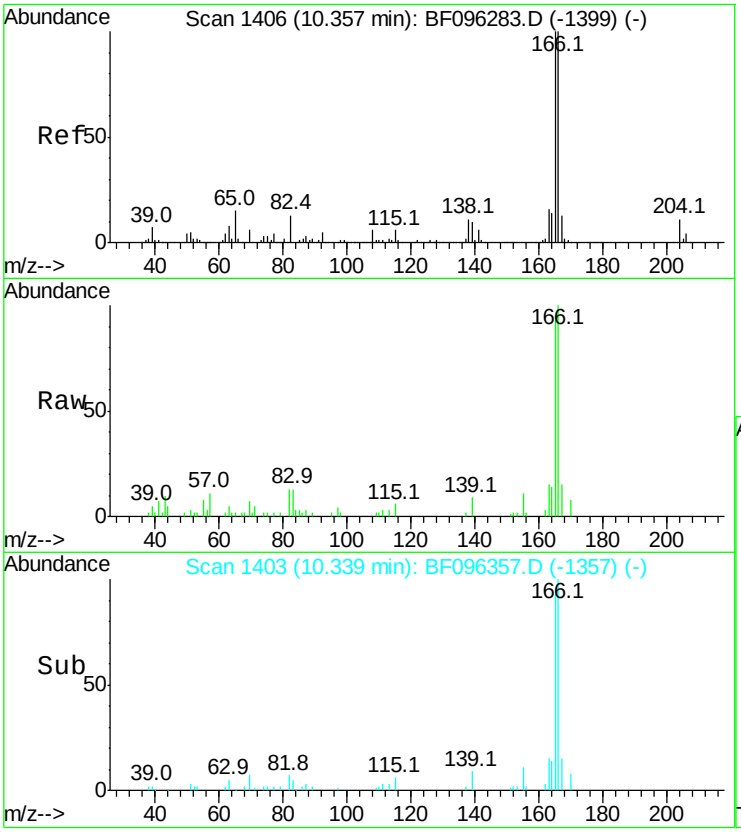


#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:165 Resp: 27984

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



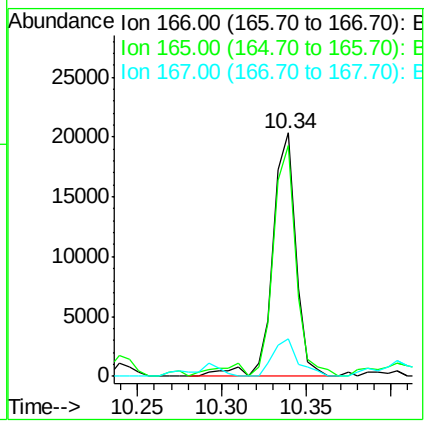


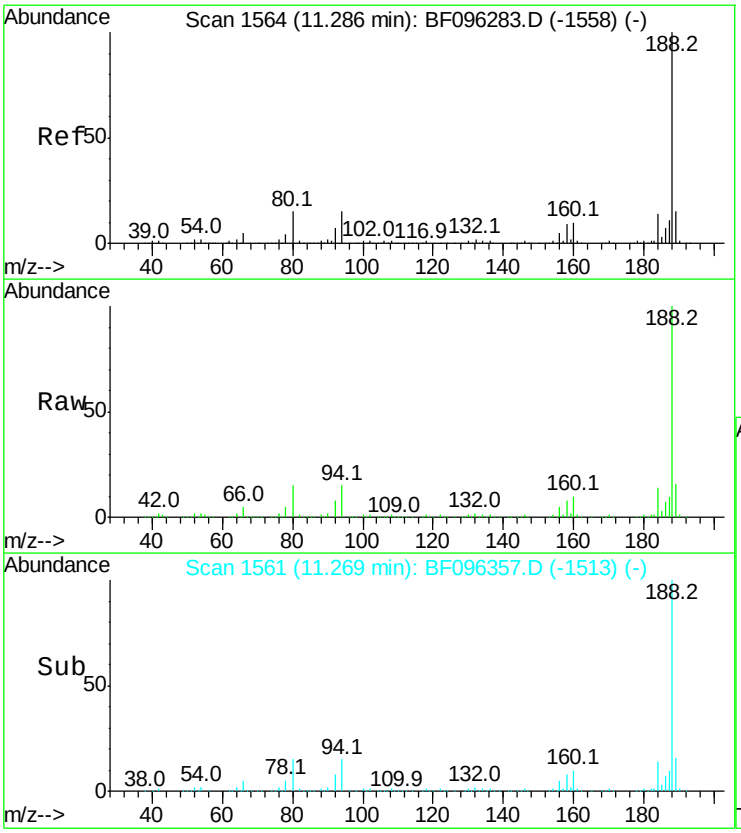
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 19193

Ion	Ratio	Lower	Upper
166	100		
165	94.8	78.8	118.2
167	15.4	10.6	16.0

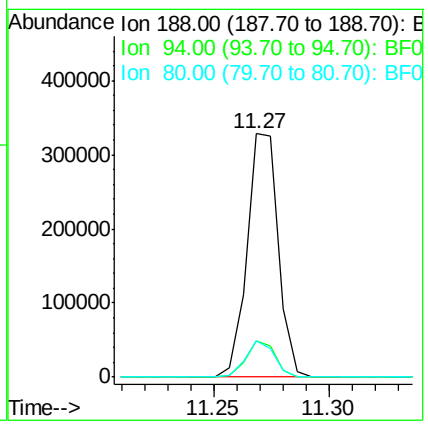


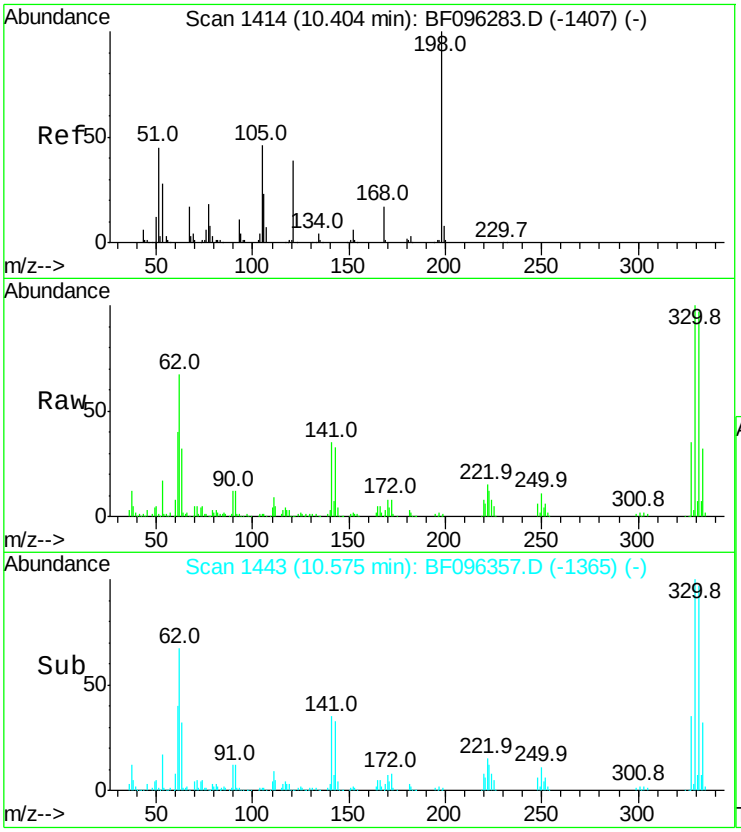


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:188 Resp: 310444

Ion	Ratio	Lower	Upper
188	100		
94	14.8	9.4	14.2#
80	15.1	10.2	15.2



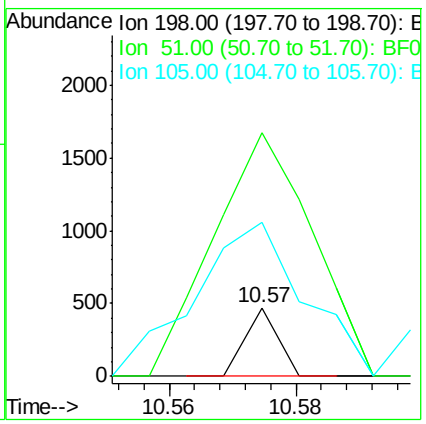


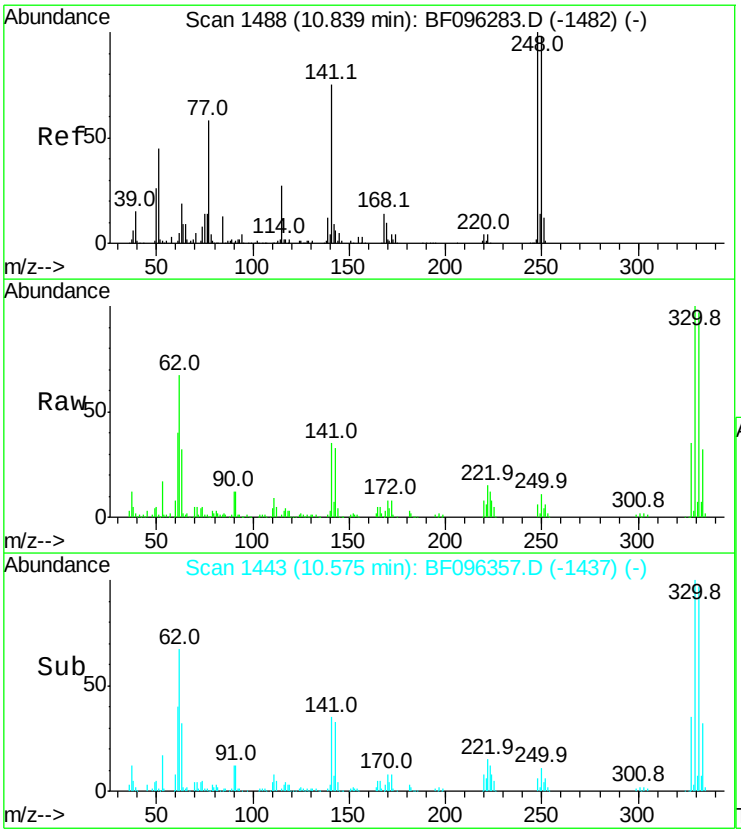
#64
4,6-Dinitro-2-methylphenol
Concen: 8.83 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.16 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 167

Ion	Ratio	Lower	Upper
198	100		
51	353.7	53.2	93.2#
105	223.5	45.8	85.8#

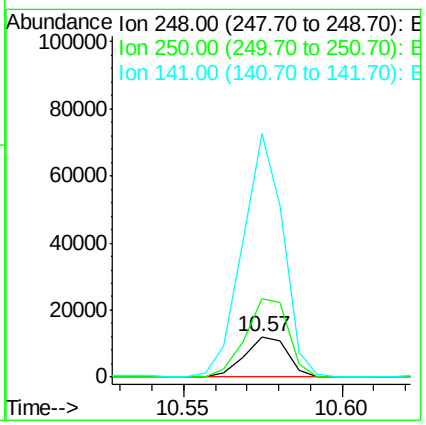


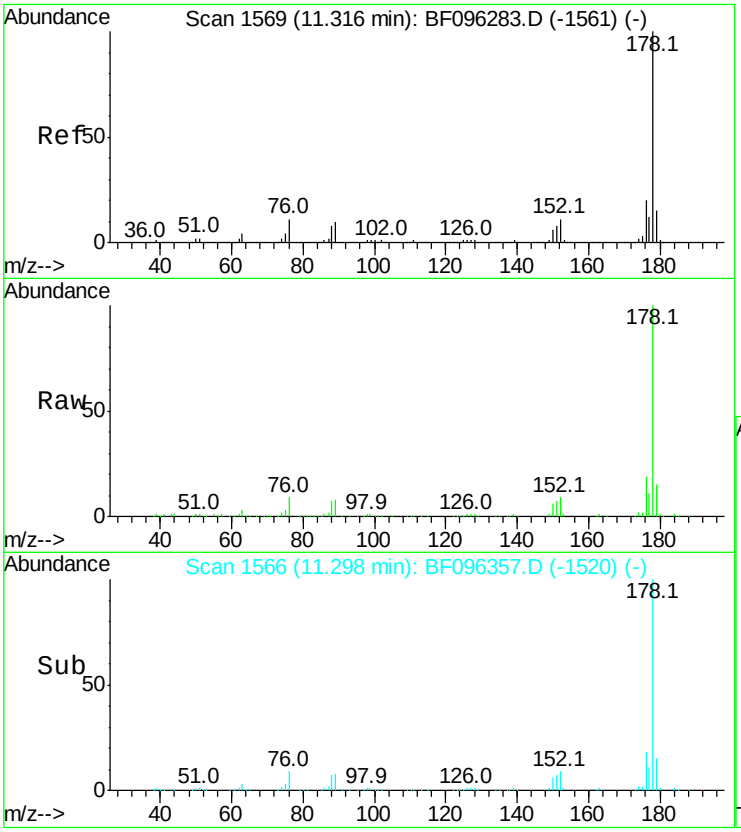


#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.26 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:248 Resp: 11176

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.8	115.2#
141	607.5	68.6	103.0#



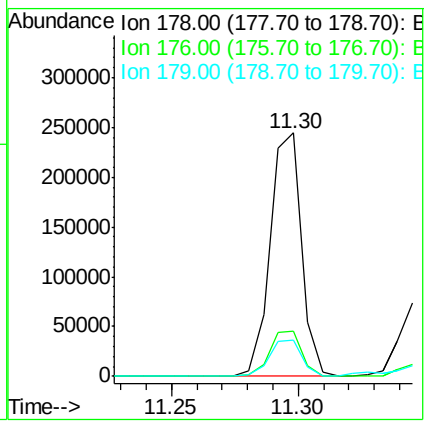


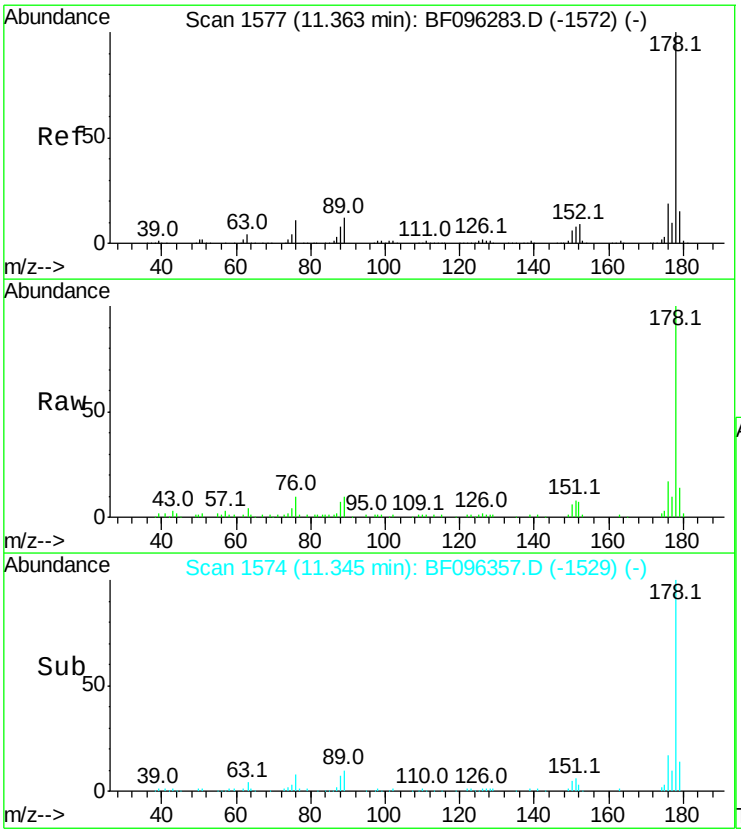
#70
Phenanthrene
Concen: 7.19 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 212277

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.0	12.6	19.0

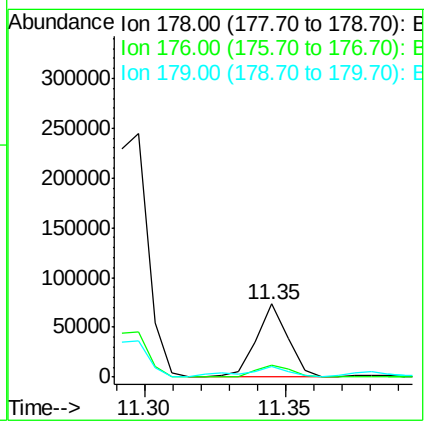


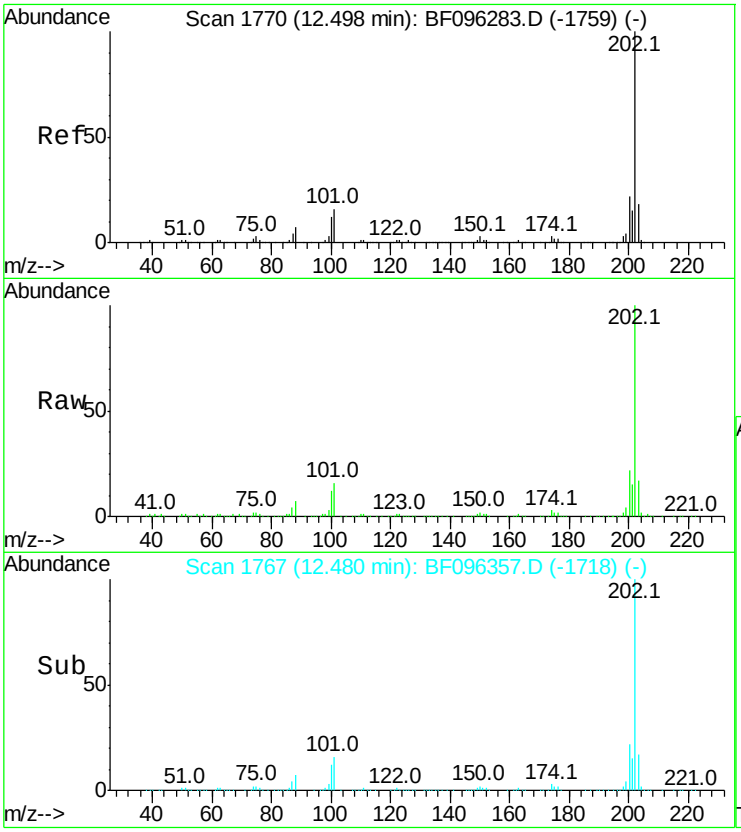


#71
Anthracene
Concen: 3.22 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:178 Resp: 55870

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.8	23.8
179	14.1	12.7	19.1



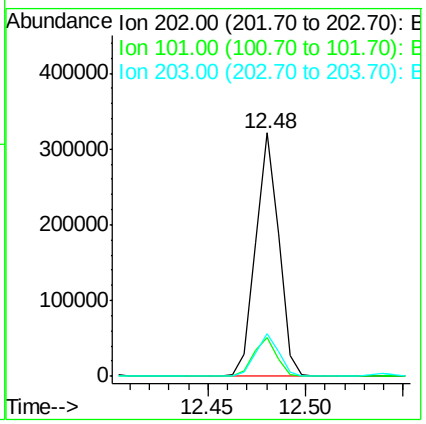


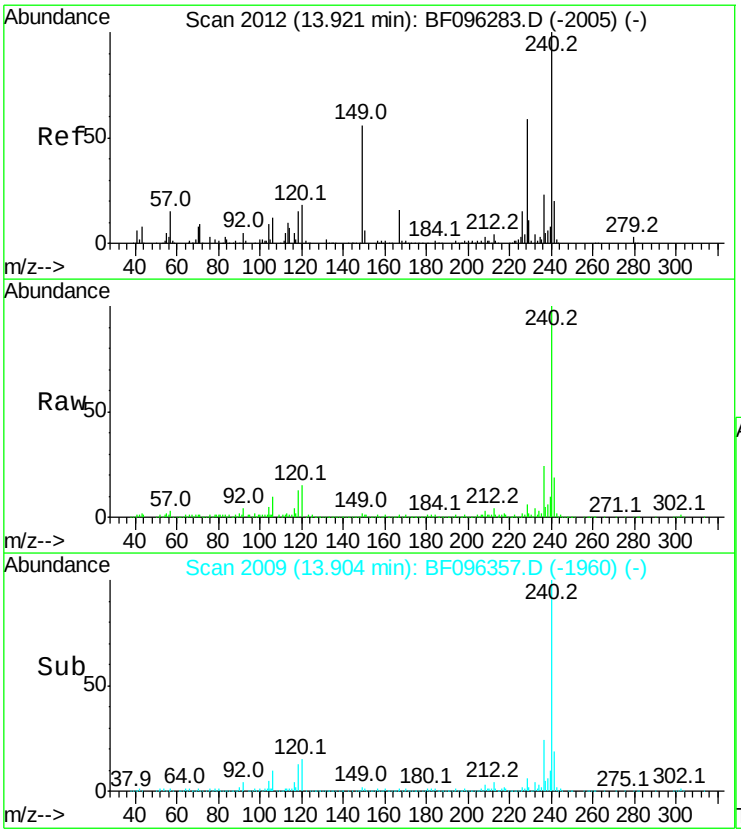
#74
Fluoranthene
Concen: 15.34 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 264471

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	33.2
203	17.4	0.0	38.1

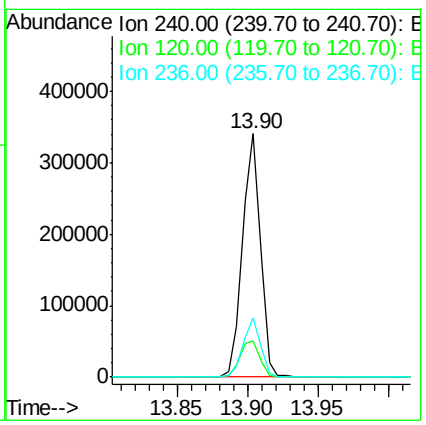


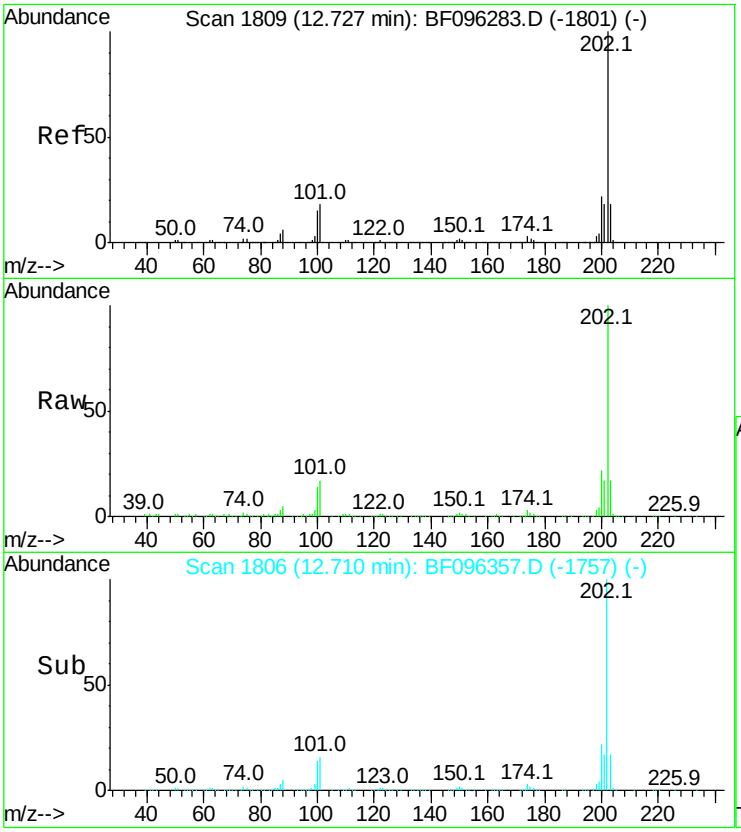


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:240 Resp: 302444

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.1	20.5	30.7



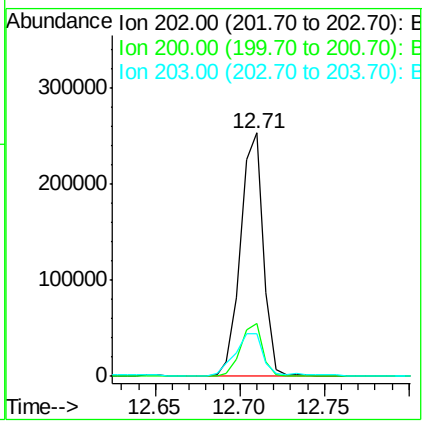


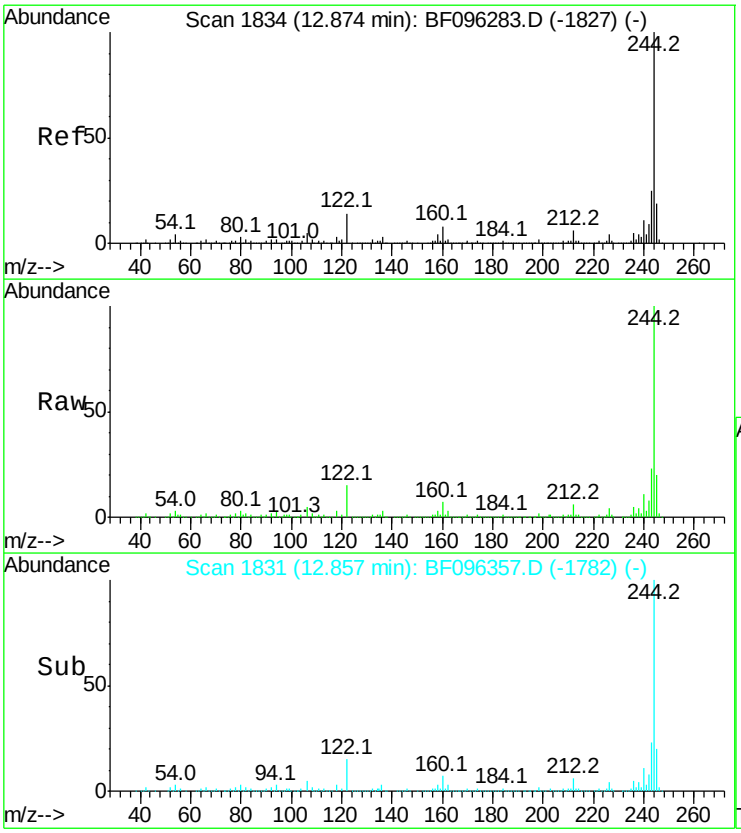
#77
Pyrene
Concen: 9.58 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 238049

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.5	14.4	21.6

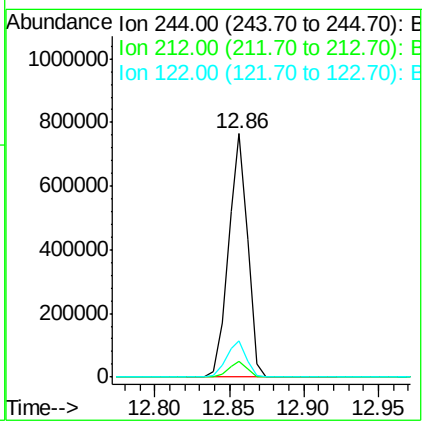


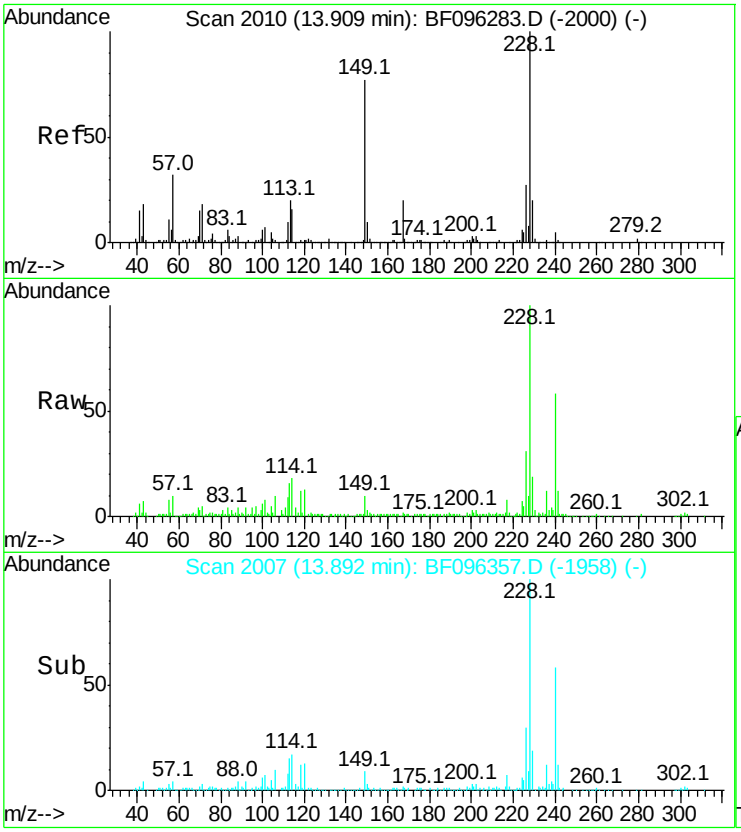


#78
Terphenyl-d14
Concen: 56.97 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:244 Resp: 690452

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	15.0	10.3	15.5



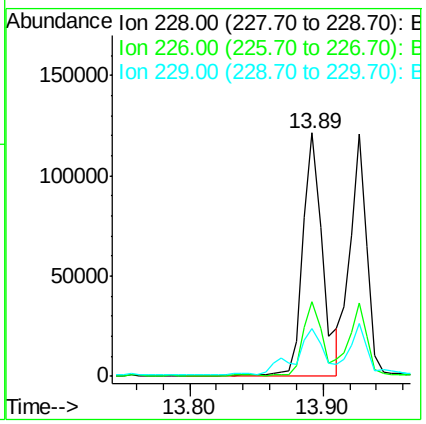


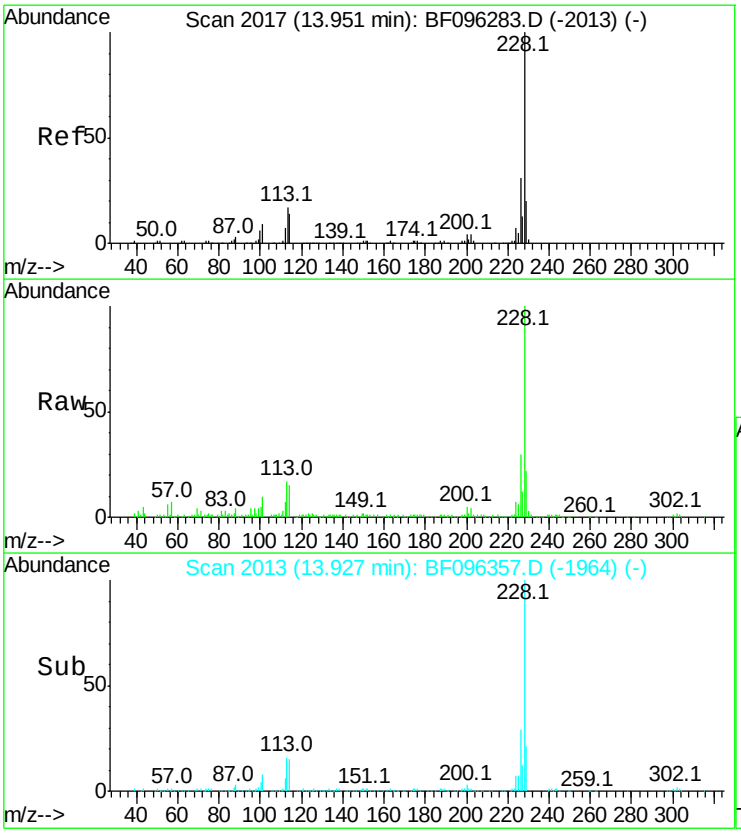
#80
Benzo(a)anthracene
Concen: 6.69 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 123250

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	19.5	16.3	24.5

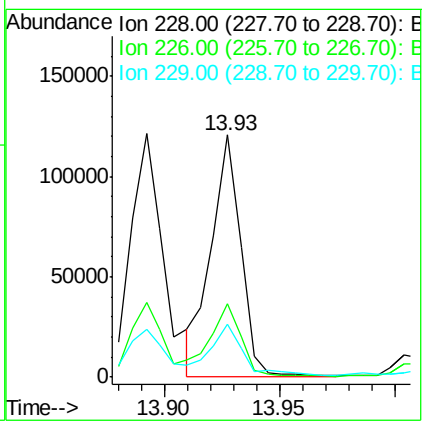


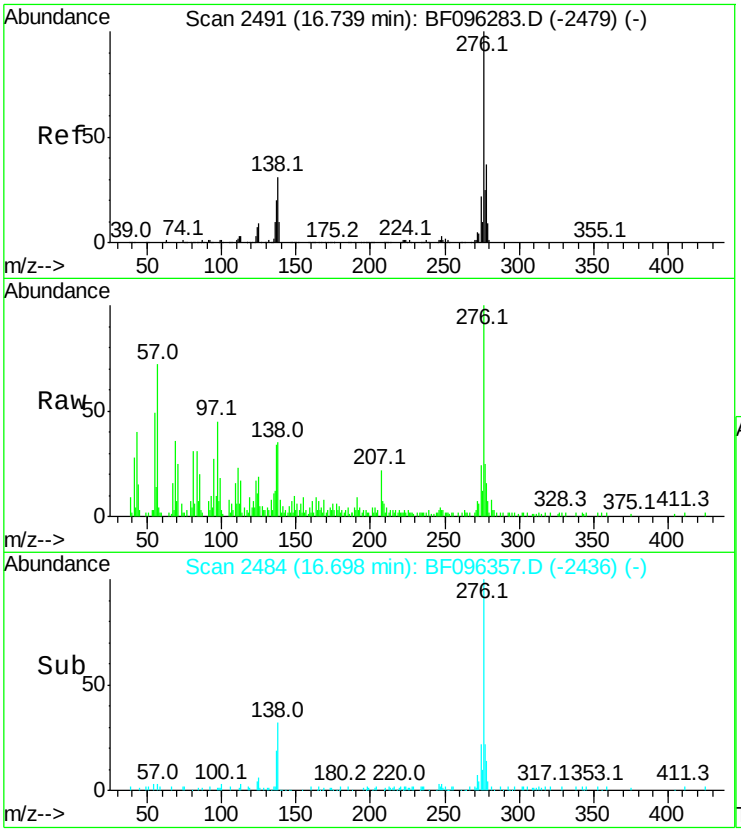


#82
Chrysene
Concen: 5.63 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:228 Resp: 107307

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.7	15.8	23.6



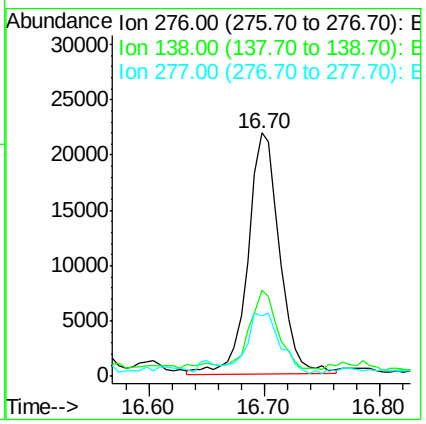


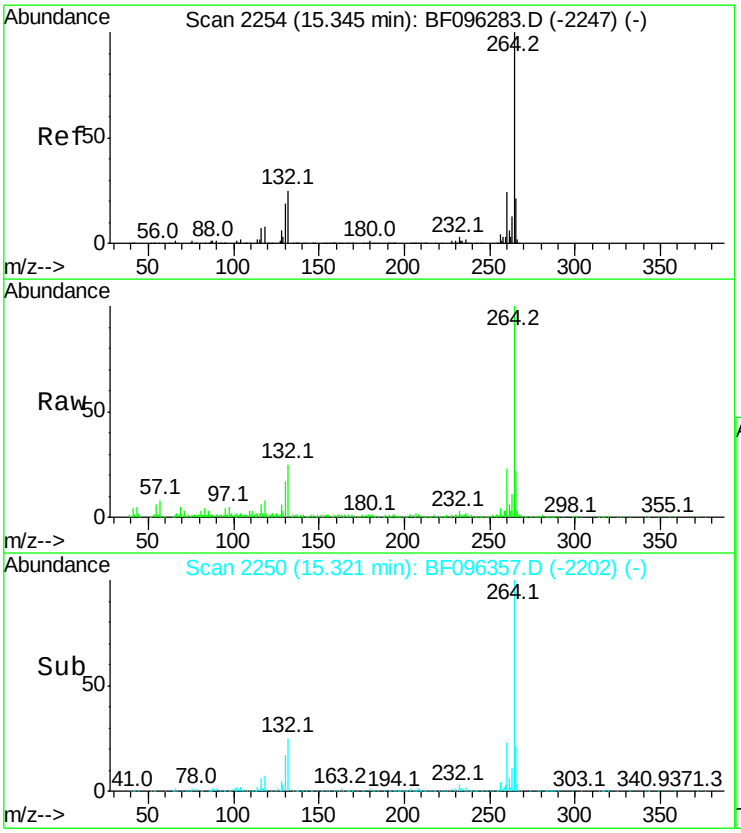
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 41501

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	26.3	20.2	30.4

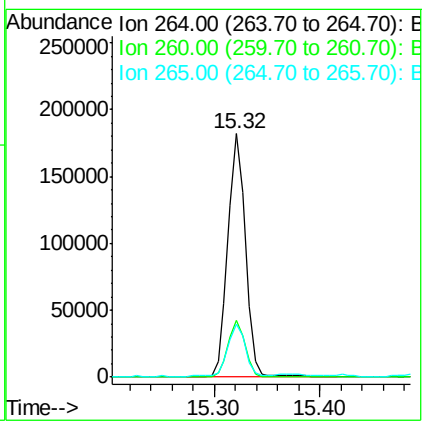


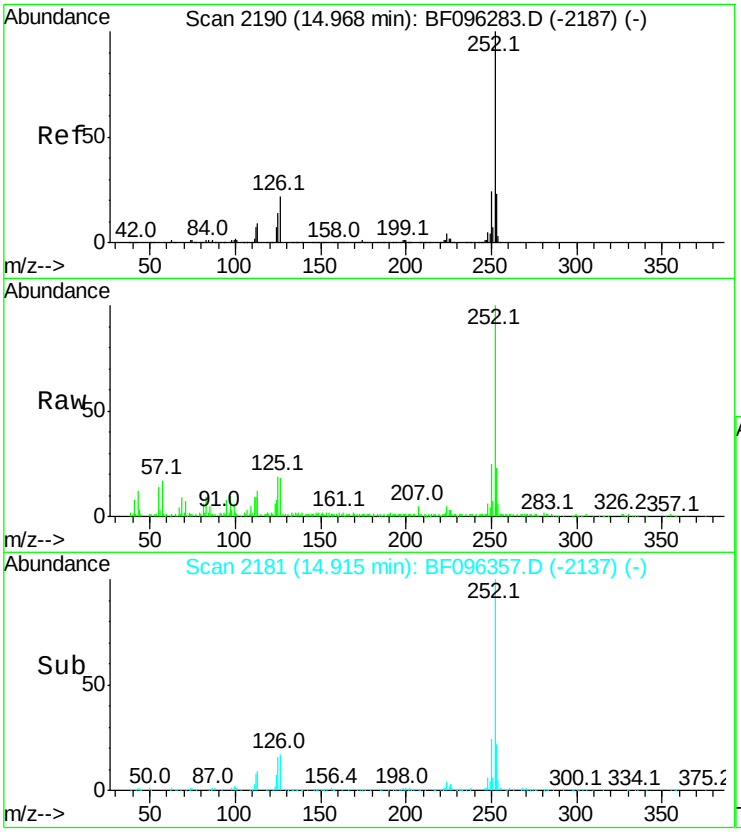


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:264 Resp: 210662

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.2	25.8



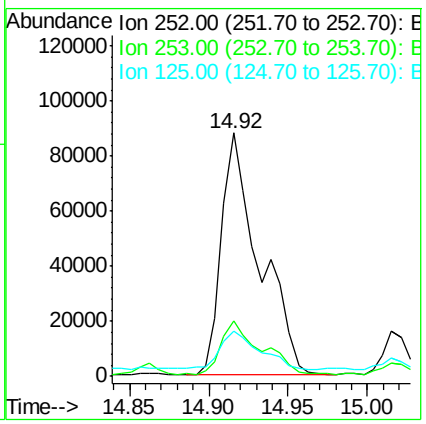


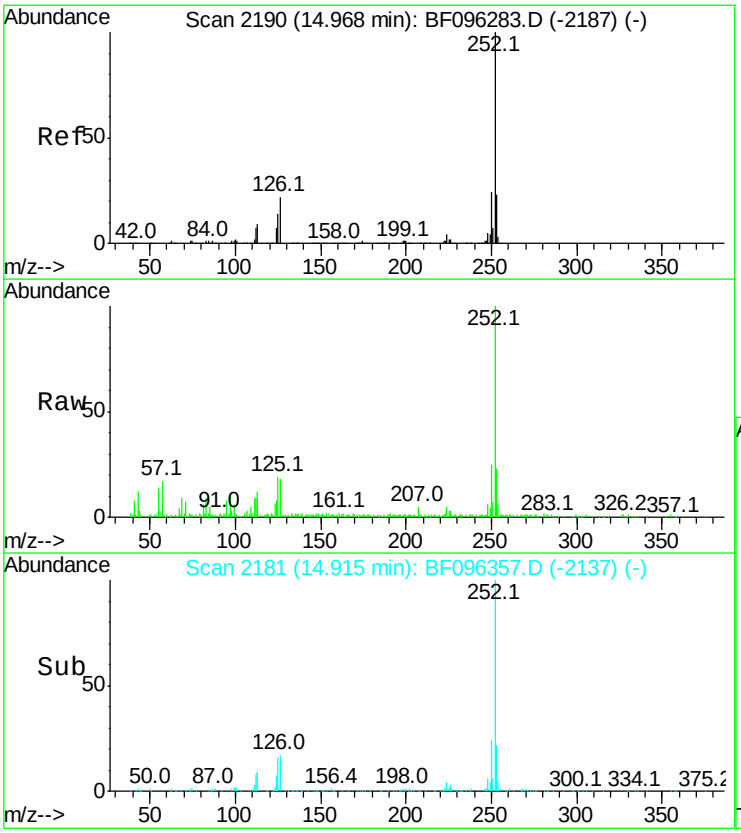
#87
Benzo(b)fluoranthene
Concen: 10.63 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 147087

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	18.7	9.8	14.8#

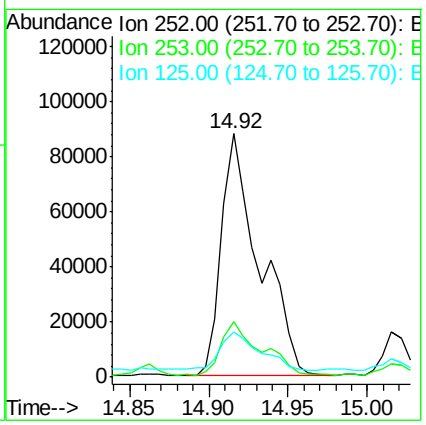


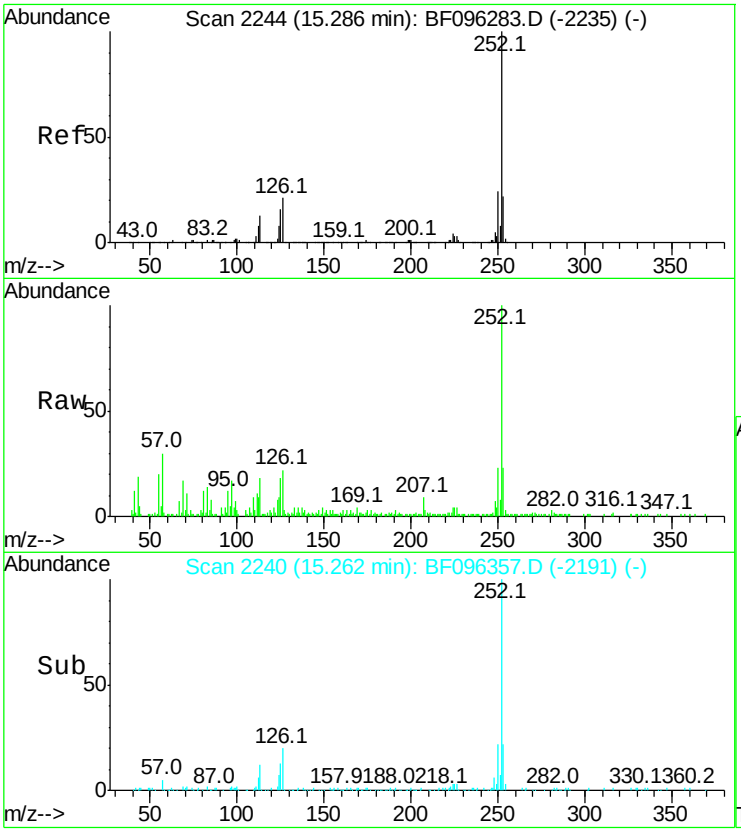


#88
Benzo(k)fluoranthene
Concen: 11.64 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:252 Resp: 147087

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	18.7	13.1	19.7



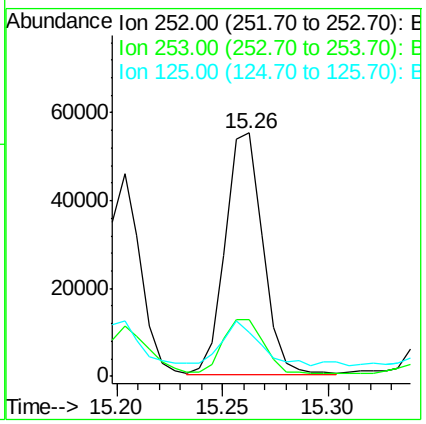


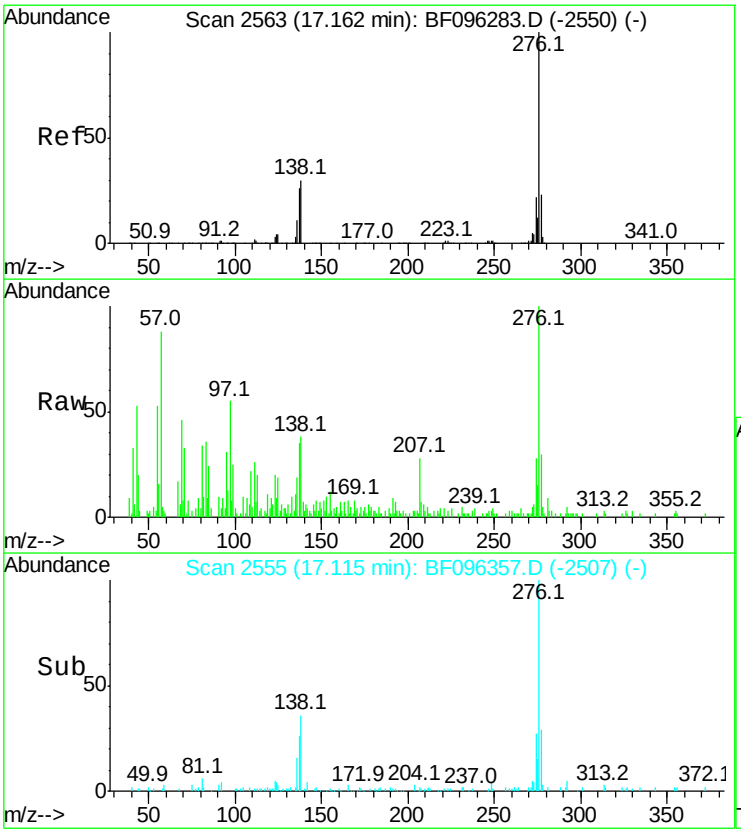
#89
Benzo(a)pyrene
Concen: 5.54 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 67773

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	18.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.95 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF096357.D
Acq: 1 Jul 2017 1:00

Tgt Ion:276 Resp: 39313

Ion	Ratio	Lower	Upper
276	100		
277	30.0	18.6	28.0#
138	38.4	25.4	38.0#