Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-071317

Quant Time: Jul 17 18:12:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	113868	20.00	ng		-0.02
21) Naphthalene-d8	7.89	136	456392	20.00	ng		-0.03
38) Acenaphthene-d10	9.63	164	181287	20.00	ng		-0.04
63) Phenanthrene-d10	11.11	188	250776	20.00	ng		-0.04
75) Chrysene-d12	13.73	240	225393	20.00	ng		-0.04
86) Perylene-d12	15.11	264	183446	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	746676	98.60	ng		-0.01
7) Phenol-d6	6.26	99	897373	98.74	ng		-0.02
23) Nitrobenzene-d5	7.17	82	537115	72.90	ng		-0.03
41) 2,4,6-Tribromophenol	10.42	330	141818	91.65	ng		-0.04
44) 2-Fluorobiphenyl	8.97	172	847873	73.89	ng		-0.03
78) Terphenyl-d14	12.70	244	476883	36.69	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	70701	12.913	ng	#	87
25) Isophorone	7.17	82	531133	38.749	ng	#	67
49) Dimethylphthalate	9.36	163	190456	13.953	ng		98
56) 2,4-Dinitrotoluene	9.63	165	23893	6.289	ng	#	33
66) 4-Bromophenyl-phenylether	10.42	248	8879	3.468	ng	#	1
70) Phenanthrene	11.13	178	53082	3.893	ng		100
71) Anthracene	11.13	178	53082	3.850	ng		99
77) Pyrene	12.54	202	97782	4.780	ng		99
80) Benzo(a)anthracene	13.72	228	45248	3.222	ng	#	95
82) Chrysene	13.76	228	49277	3.564	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.40	276	15826	4.519	ng		99
87) Benzo(b)fluoranthene	14.73	252	62295	5.630	ng	#	81
88) Benzo(k)fluoranthene	14.73	252	62295	5.946	ng	#	85
89) Benzo(a)pyrene	15.06	252	33935	3.344	ng	#	82

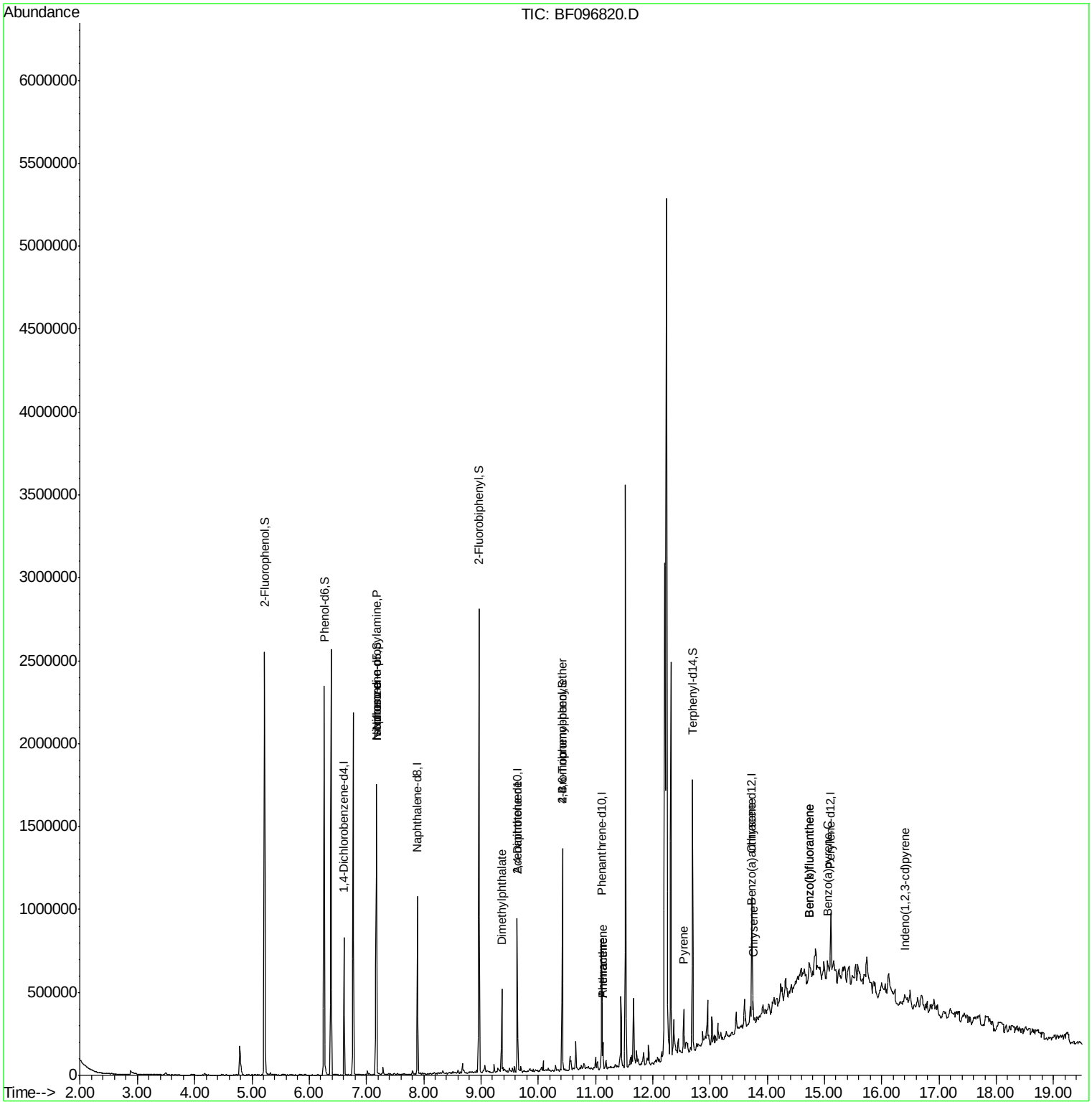
(#) = qualifier out of range (m) = manual integration (+) = signals summed

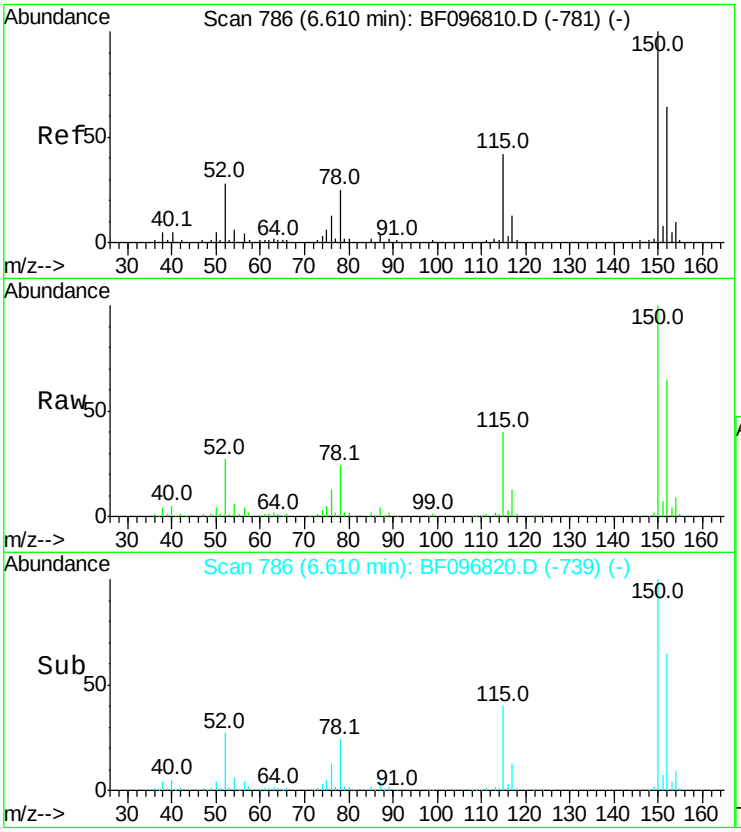
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Quant Time: Jul 17 18:12:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



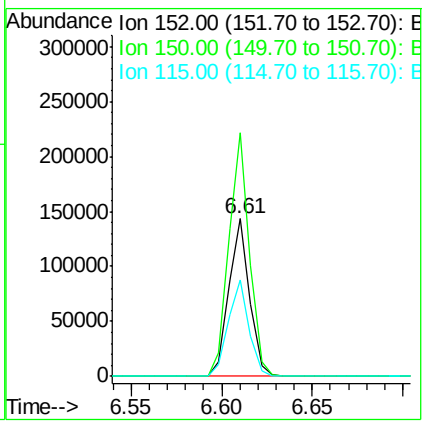


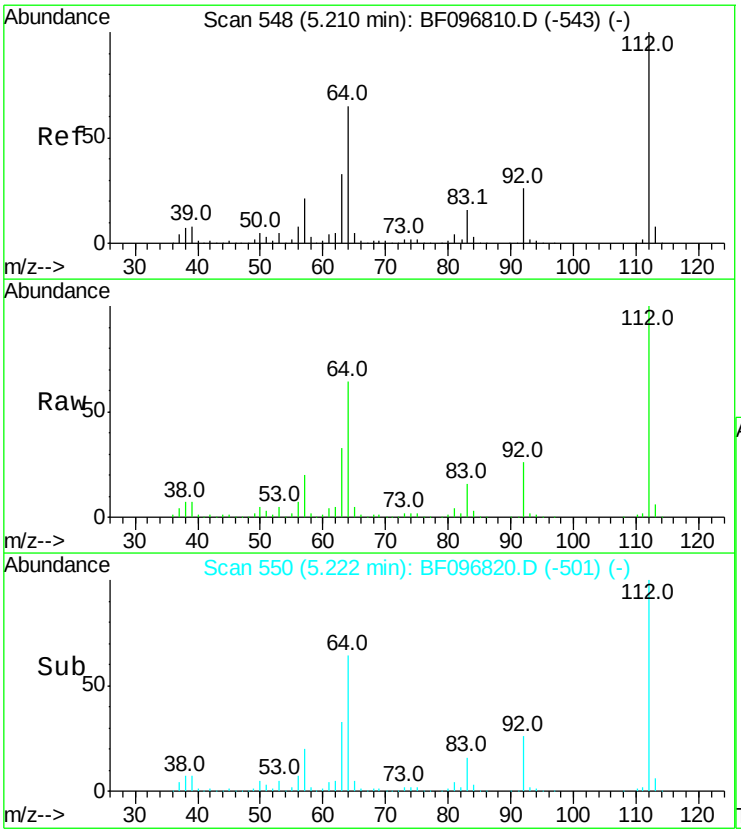
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:152 Resp: 113868

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	61.0	52.2	78.2

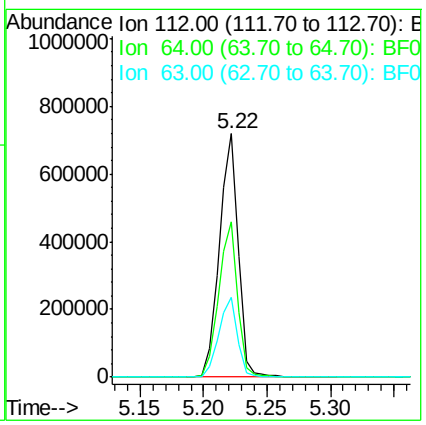


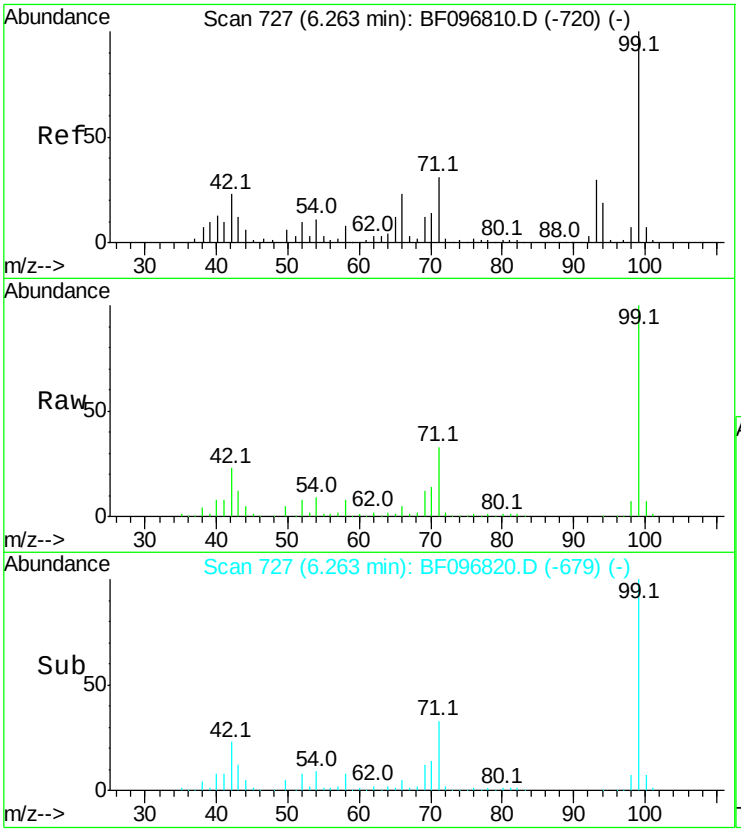


#5
2-Fluorophenol
Concen: 98.596 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:112 Resp: 746676

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	32.6	23.4	35.0



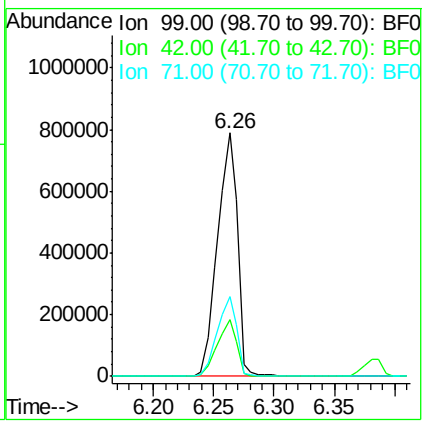


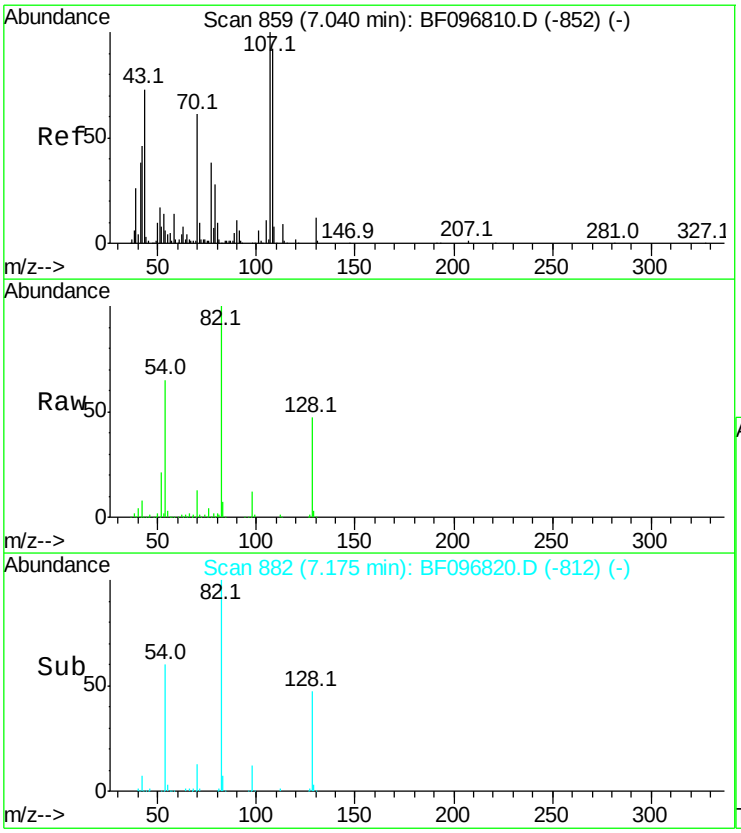
#7
Phenol-d6
Concen: 98.743 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion: 99 Resp: 897373

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.6	24.5	36.7

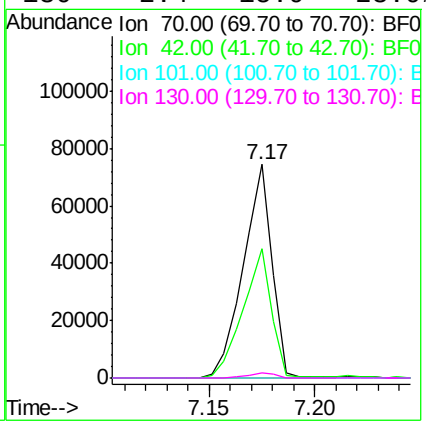


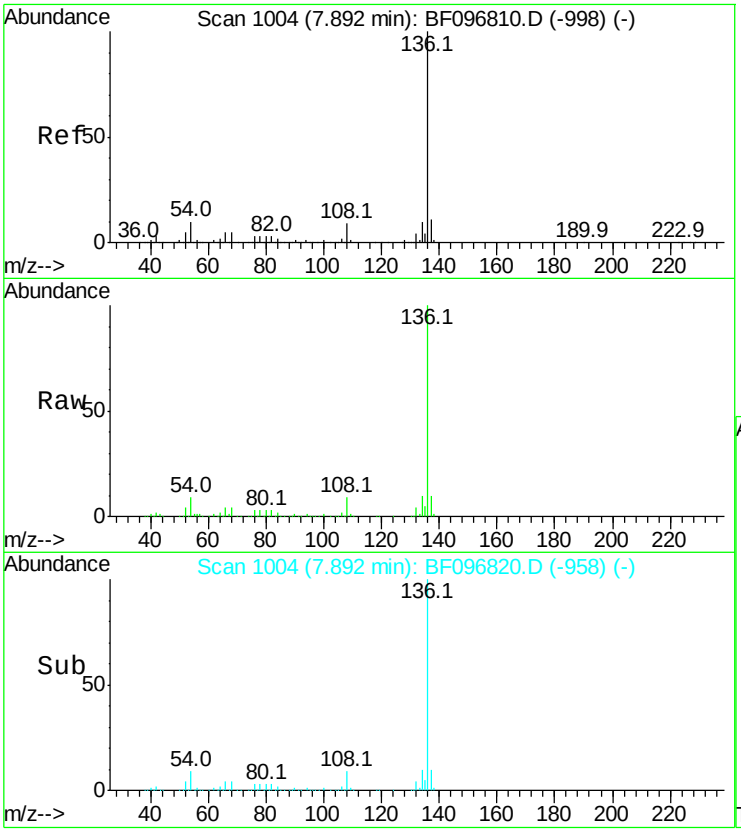


#19
n-Nitroso-di-n-propylamine
Concen: 12.913 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion: 70 Resp: 70701

Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



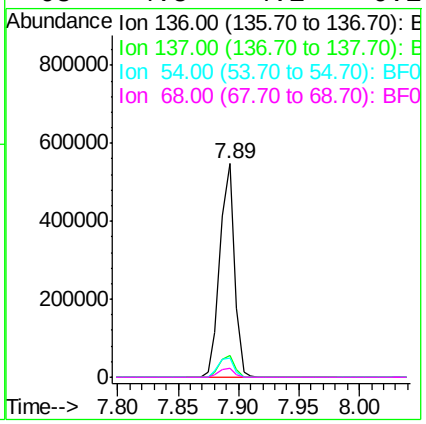


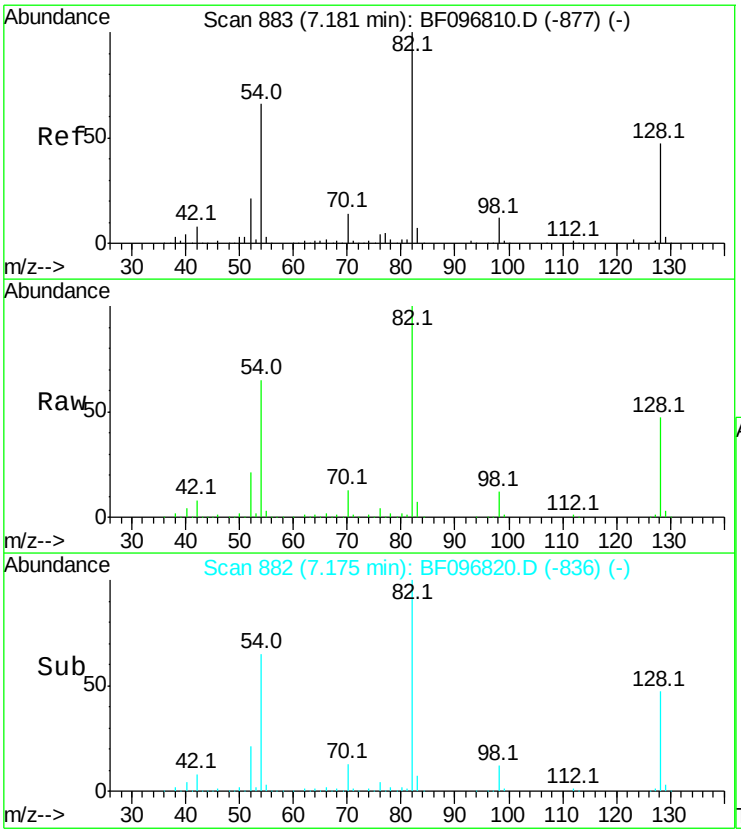
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:136 Resp: 456392

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.0	4.9	7.3#
68	4.5	4.1	6.1

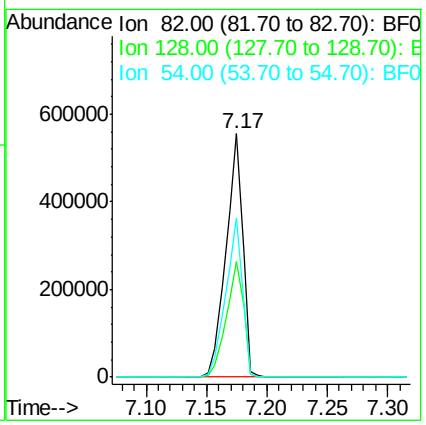


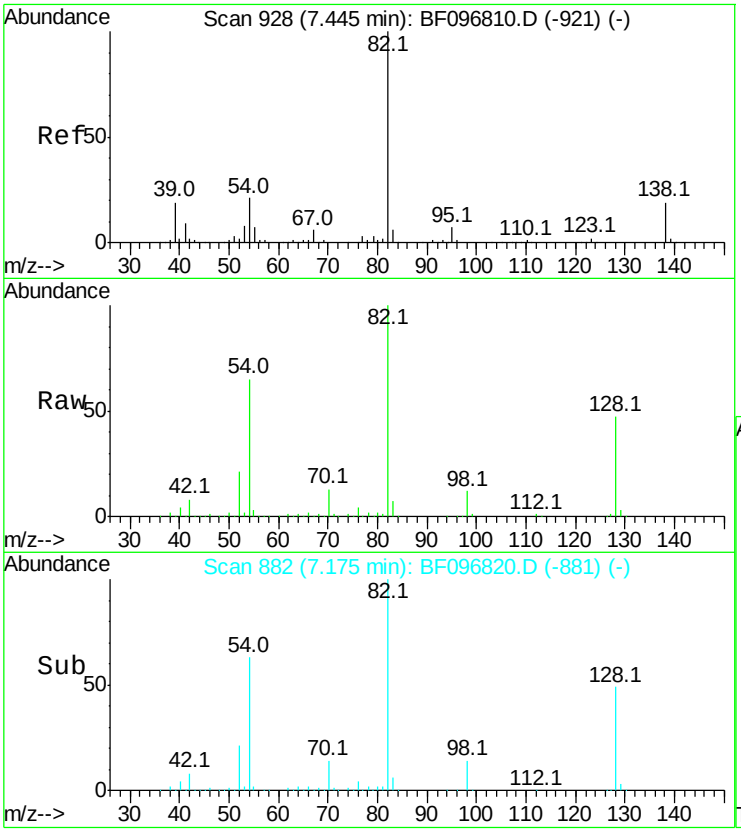


#23
Nitrobenzene-d5
Concen: 72.896 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion: 82 Resp: 537115

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	65.3	42.2	63.2#



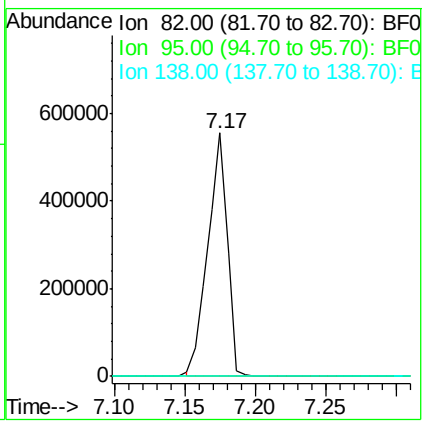


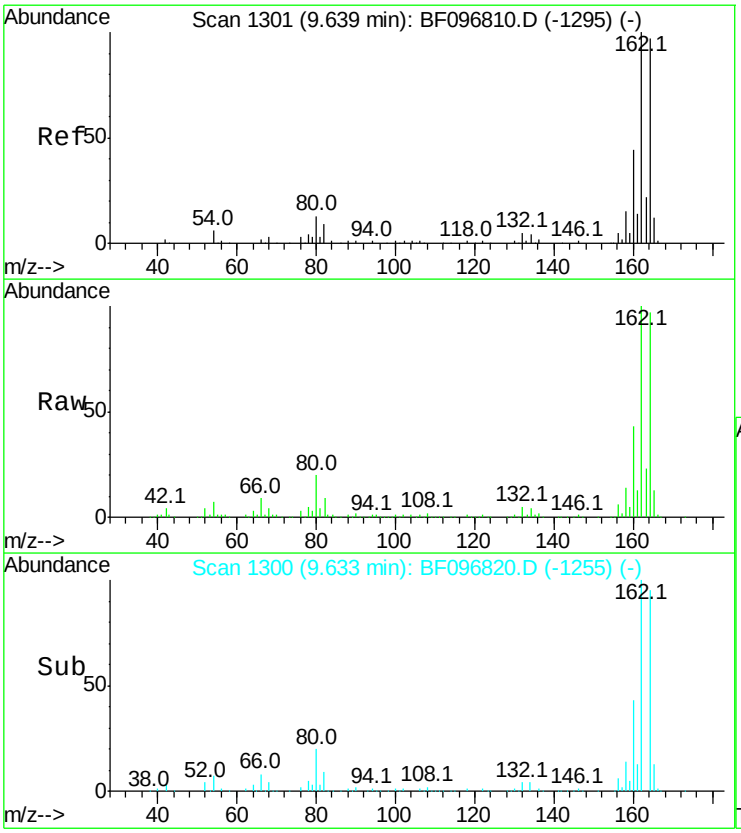
#25
Isophorone
Concen: 38.749 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion: 82 Resp: 531133

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

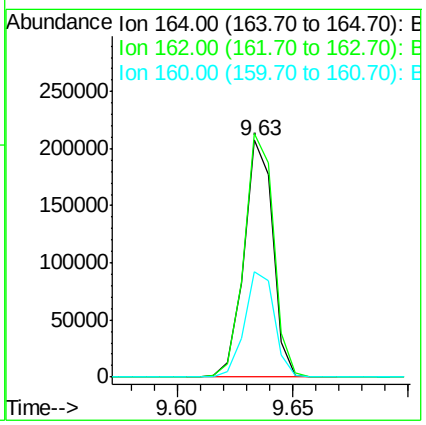


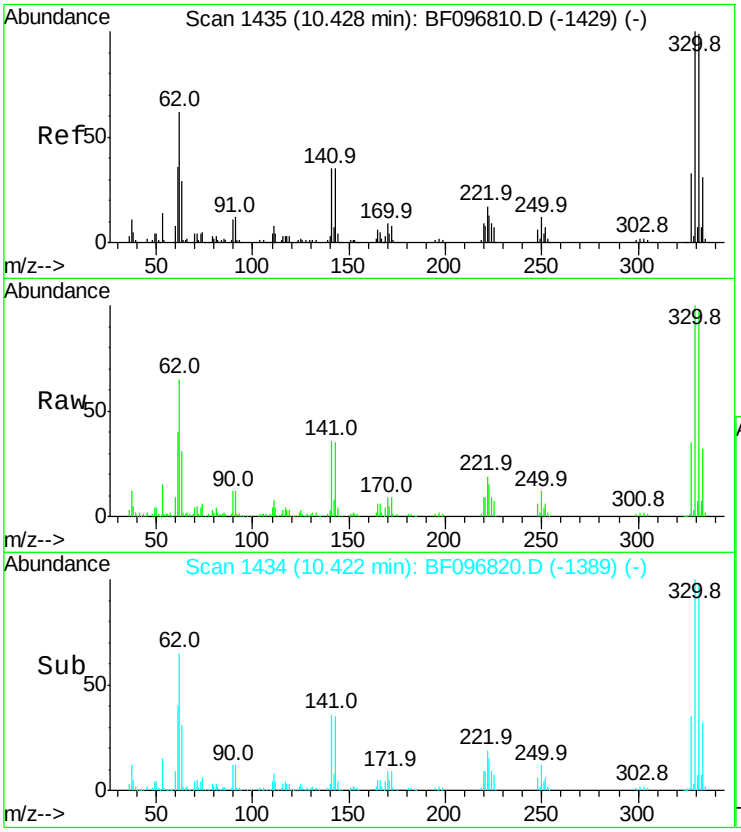


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:164 Resp: 181287

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.2	36.2	54.2



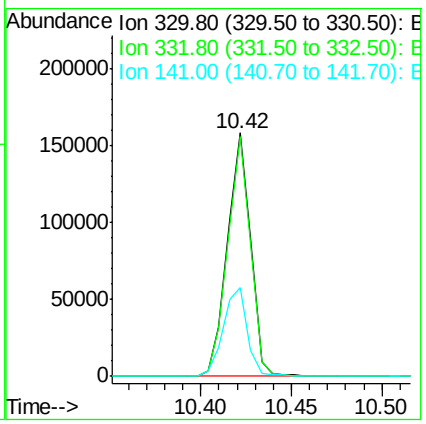


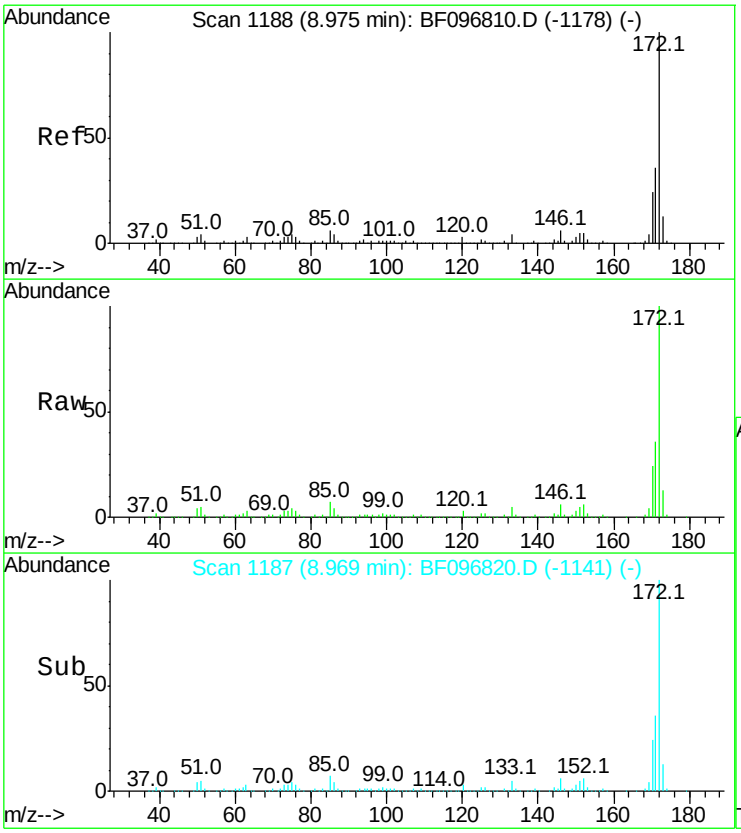
#41
2,4,6-Tribromophenol
Concen: 91.647 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:330 Resp: 141818

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	38.3	31.4	47.2

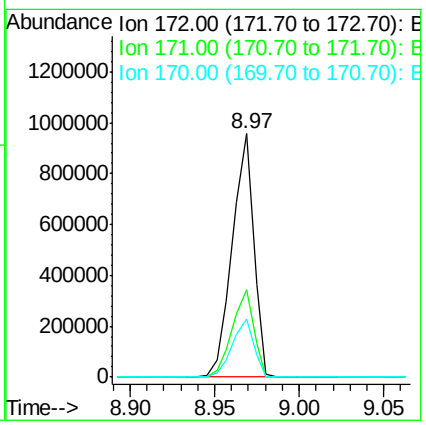


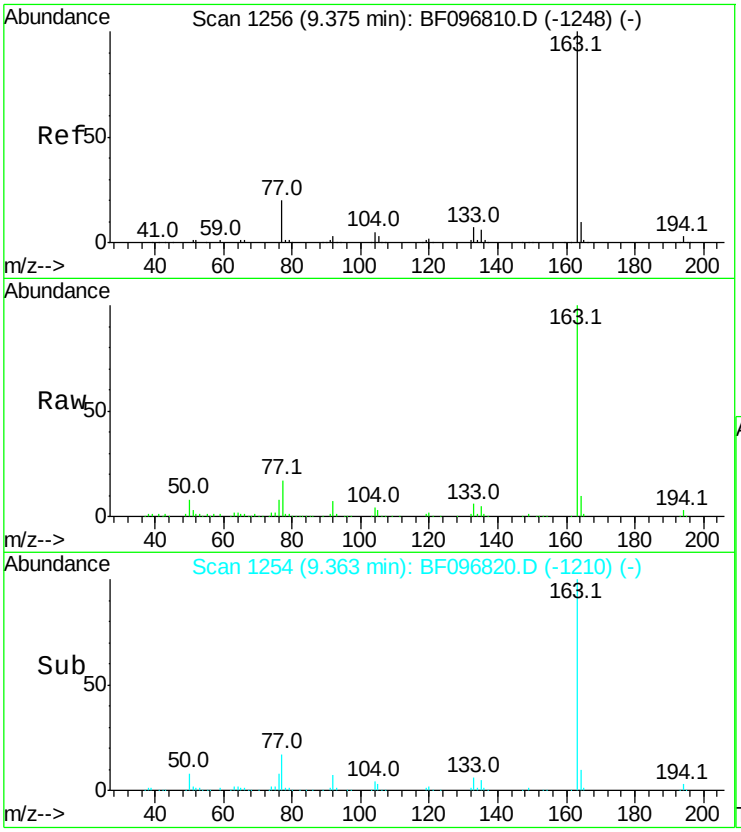


#44
2-Fluorobiphenyl
Concen: 73.892 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:172 Resp: 847873

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8



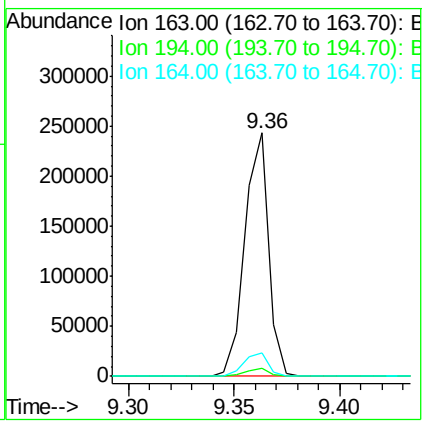


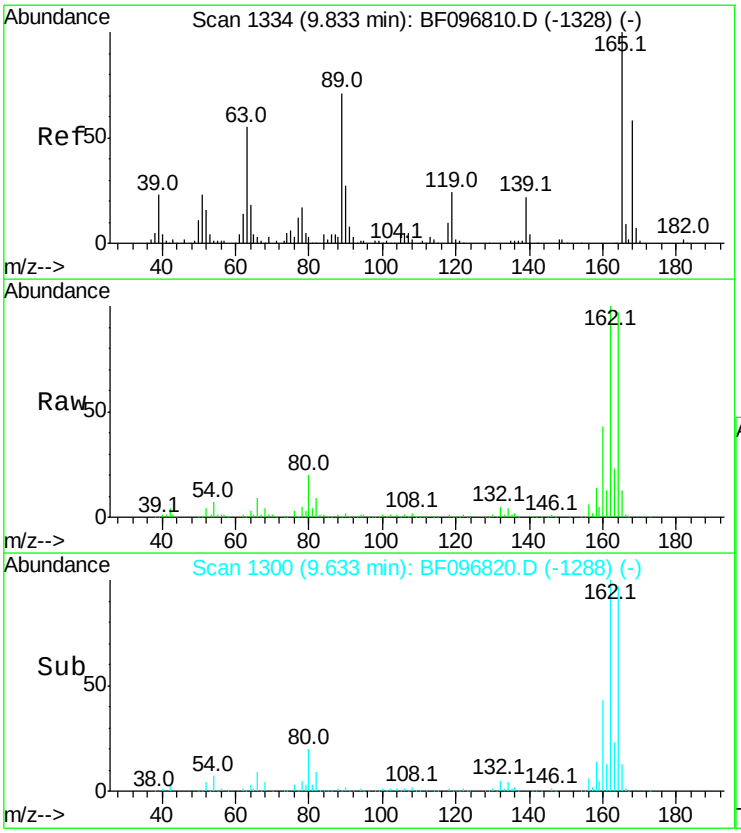
#49
Dimethylphthalate
Concen: 13.953 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:163 Resp: 190456

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6

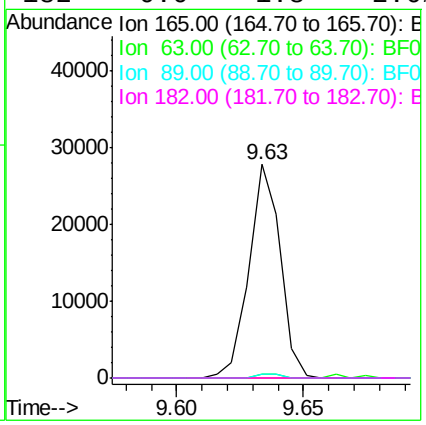


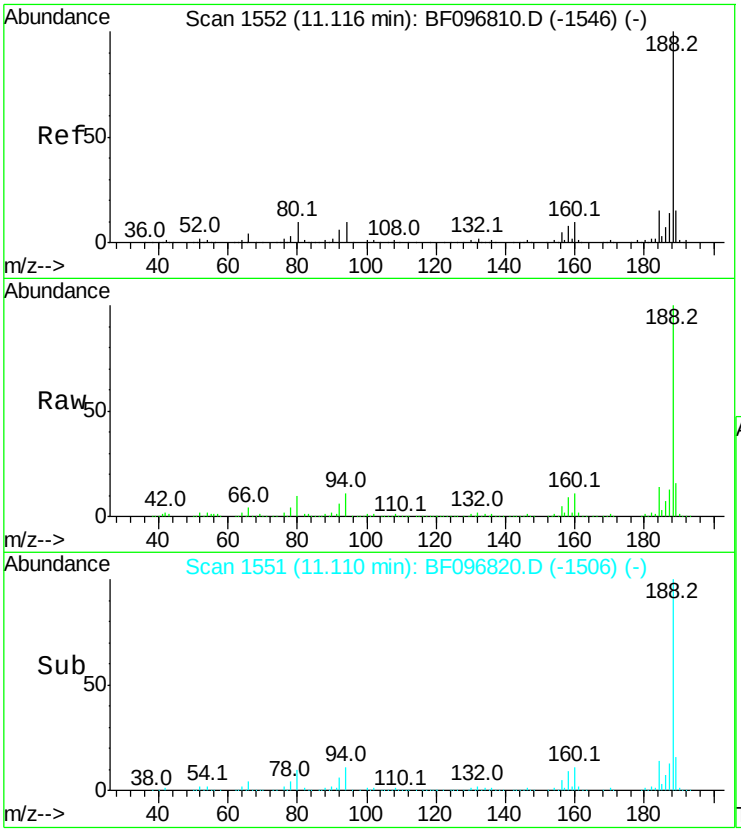


#56
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:165 Resp: 23893

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



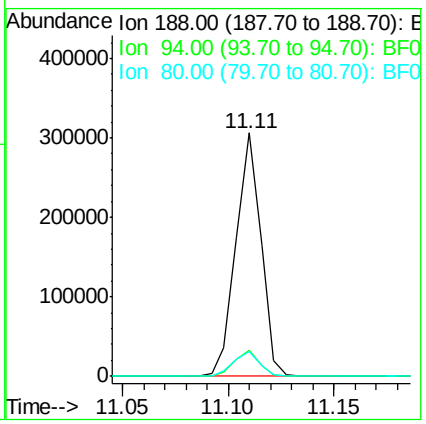


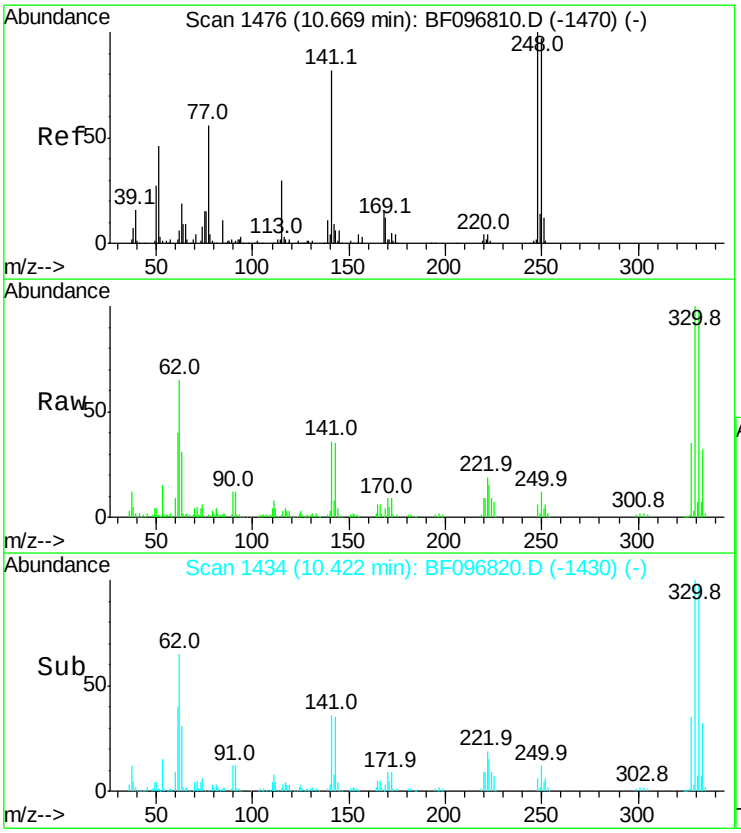
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:188 Resp: 250776

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.4	10.2	15.2

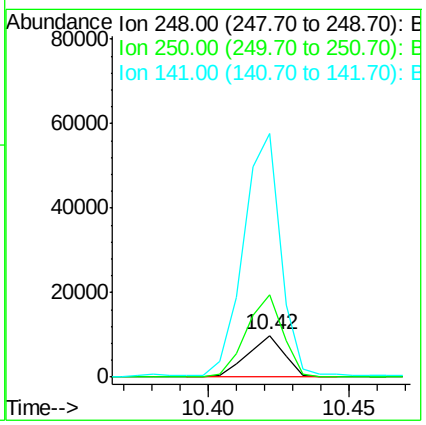


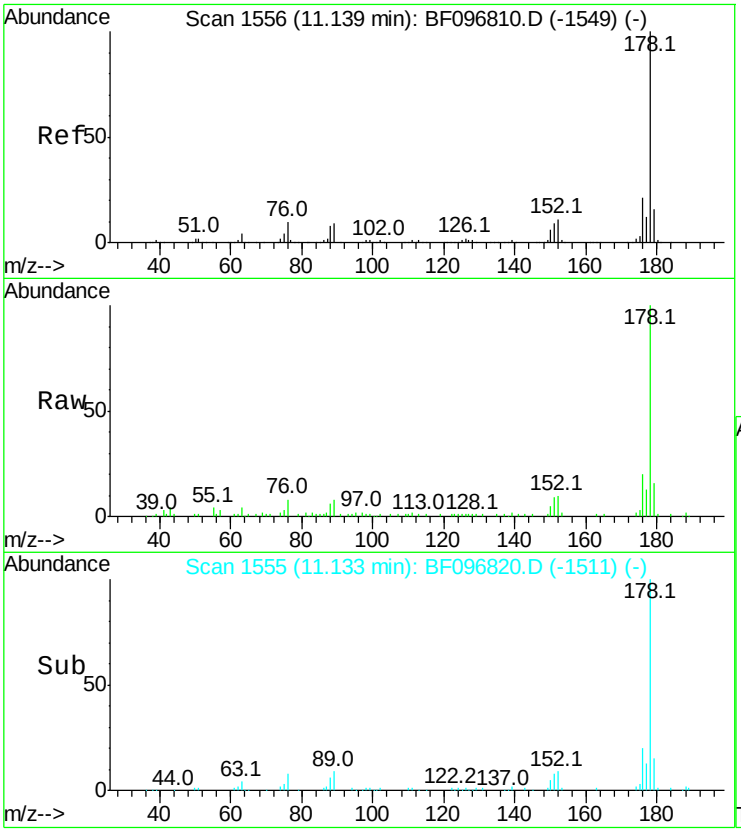


#66
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.28 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:248 Resp: 8879

Ion	Ratio	Lower	Upper
248	100		
250	197.1	76.8	115.2#
141	582.5	68.6	103.0#



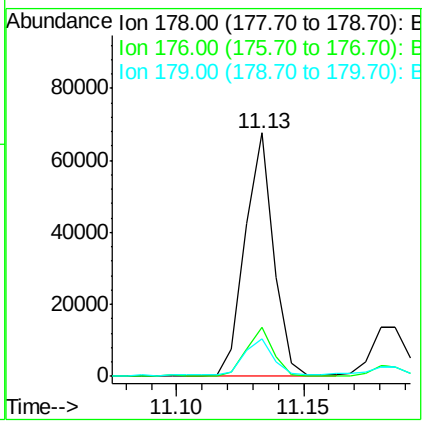


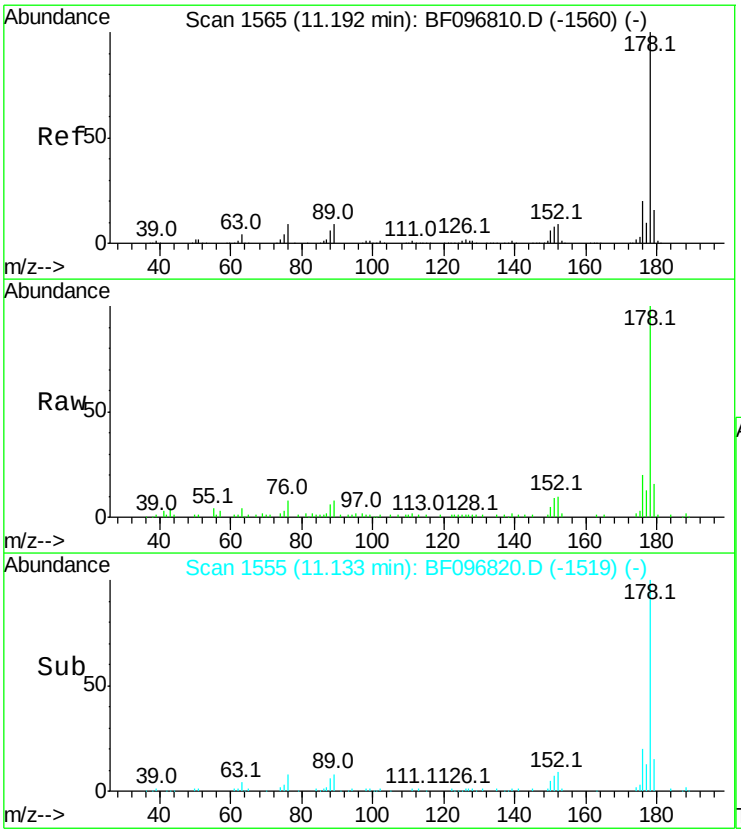
#70
Phenanthrene
Concen: 3.893 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:178 Resp: 53082

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.5	12.6	19.0

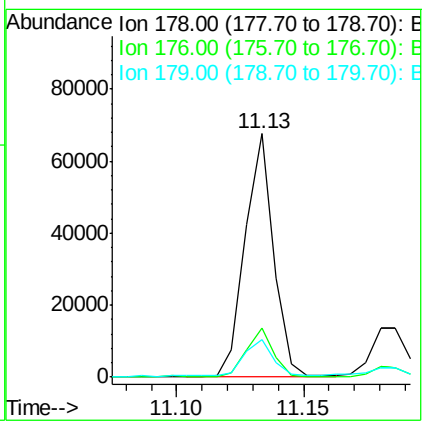


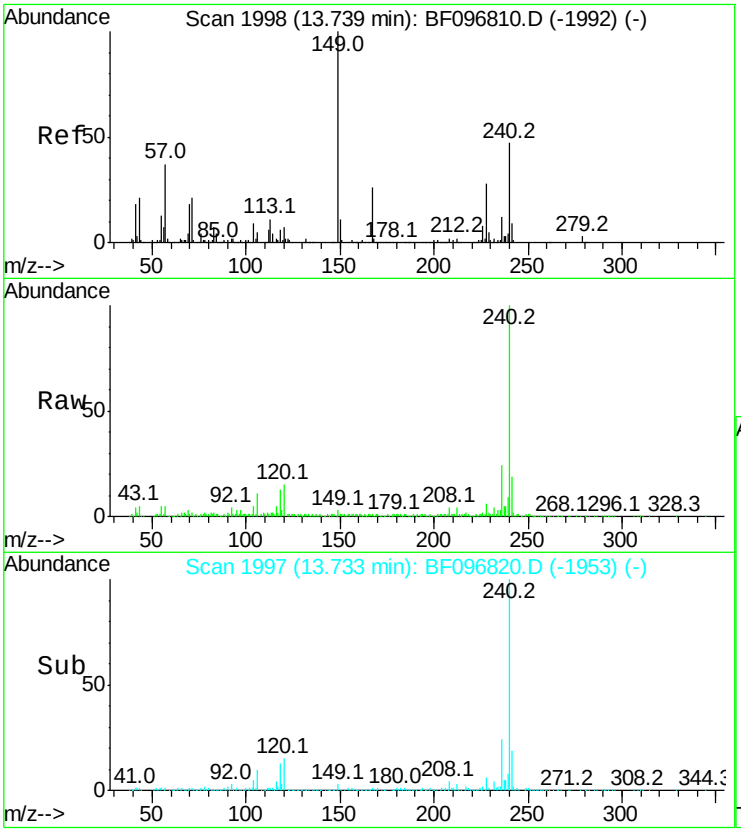


#71
Anthracene
Concen: 3.850 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.09 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:178 Resp: 53082

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.5	12.7	19.1



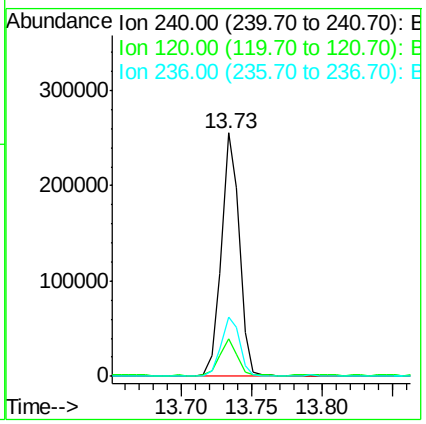


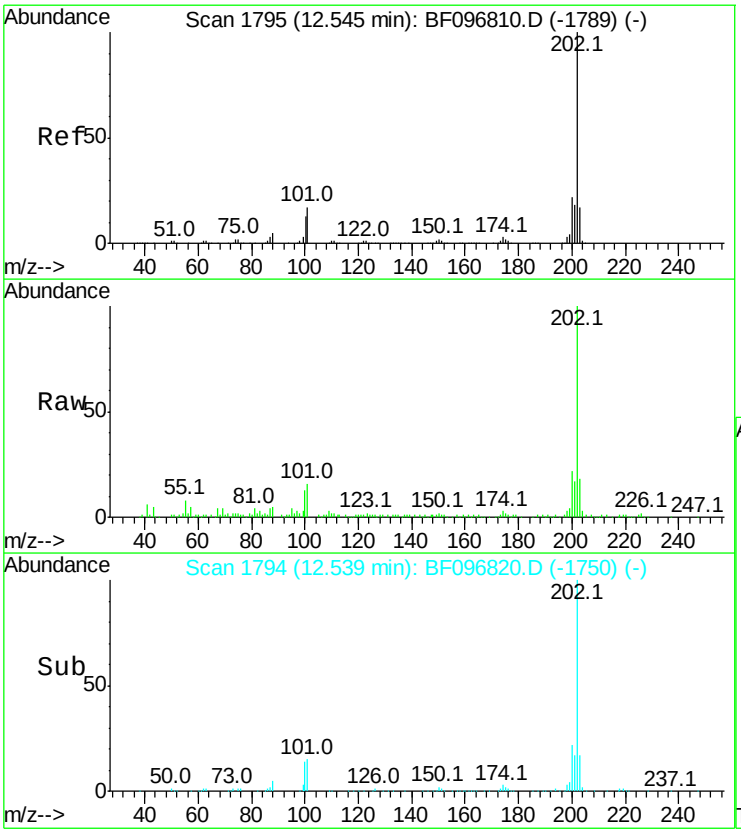
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:240 Resp: 225393

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.4	20.5	30.7

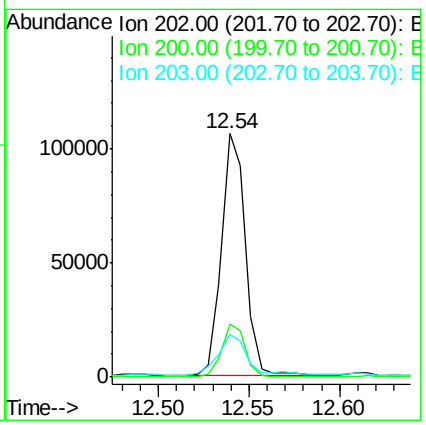


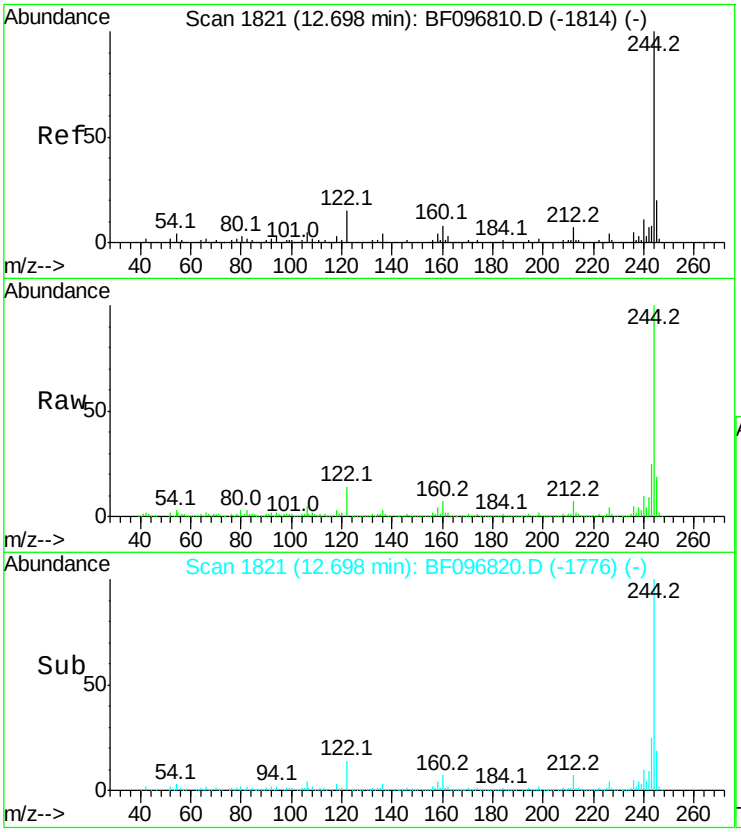


#77
Pyrene
Concen: 4.780 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:202 Resp: 97782

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6



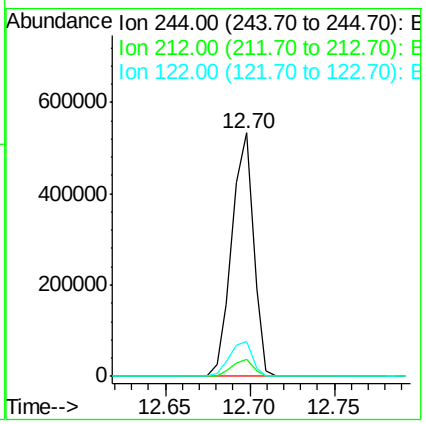


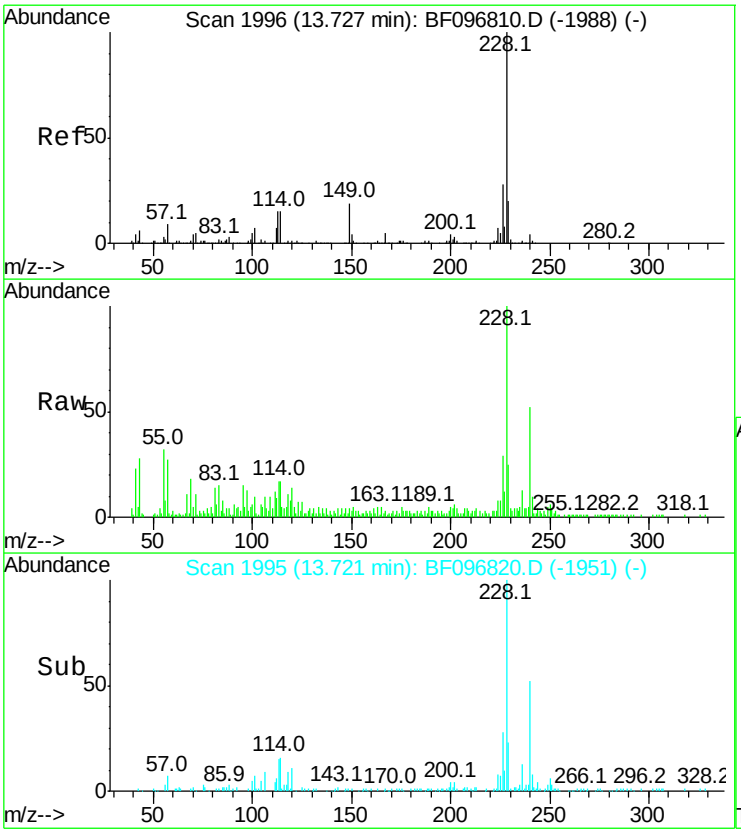
#78
Terphenyl-d14
Concen: 36.693 ng
RT: 12.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:244 Resp: 476883

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.3	10.3	15.5

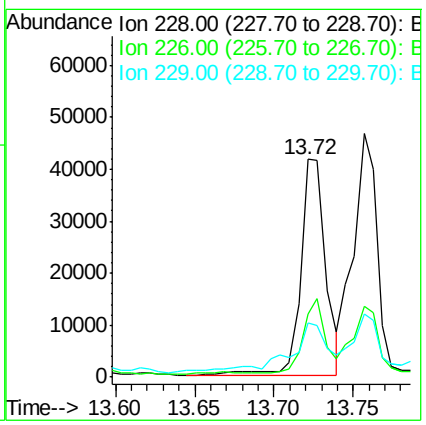


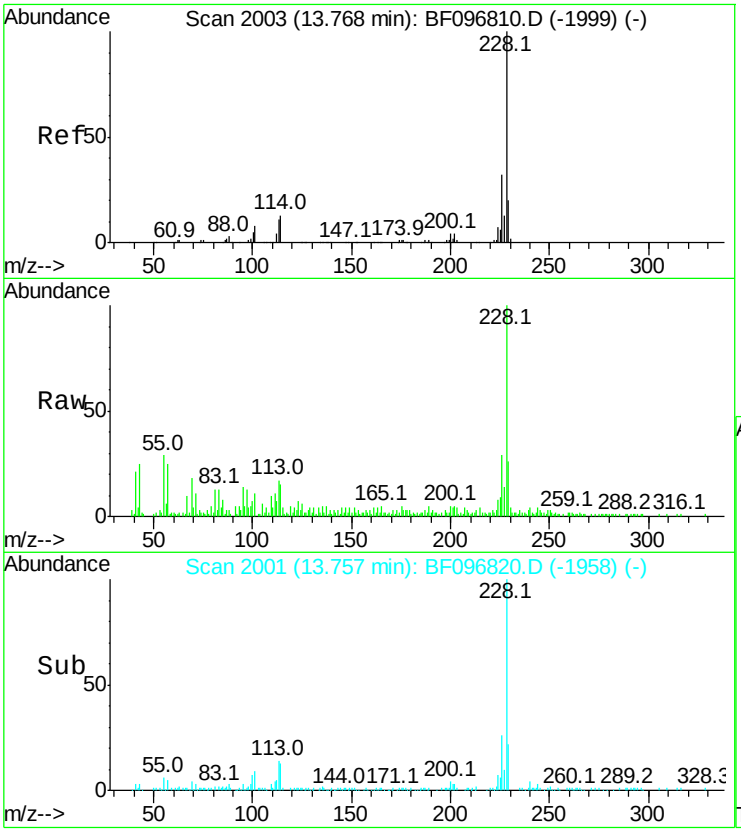


#80
Benzo(a)anthracene
Concen: 3.222 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:228 Resp: 45248

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	24.8	16.3	24.5#



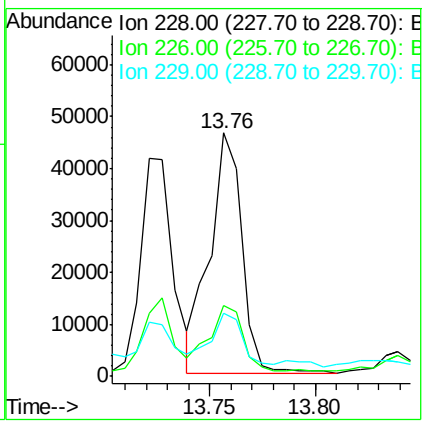


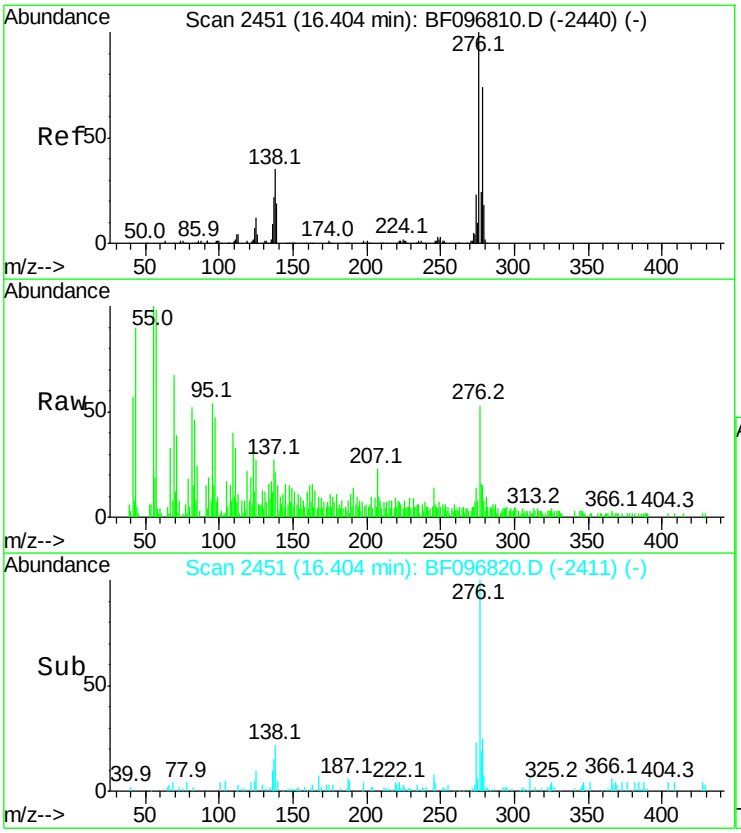
#82
Chrysene
Concen: 3.564 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.05 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:228 Resp: 49277

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	25.8	15.8	23.6#

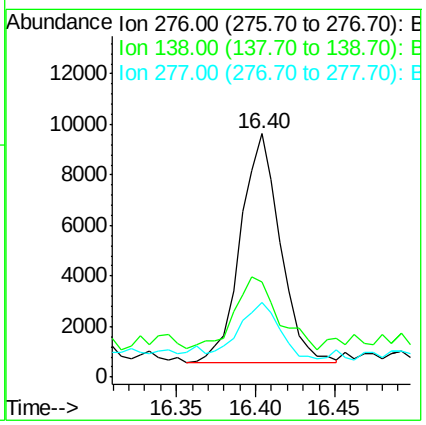


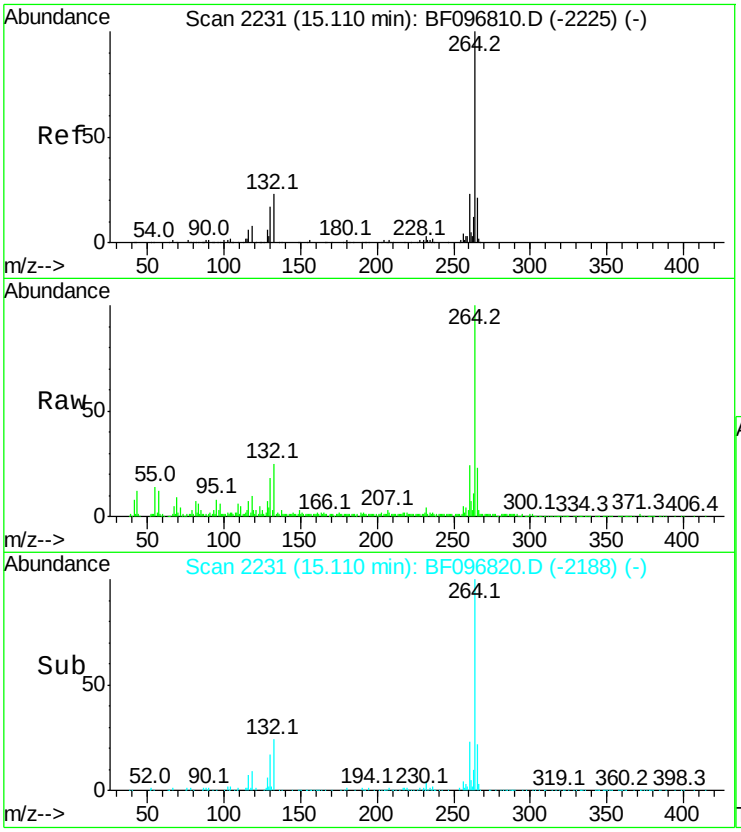


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.519 ng
RT: 16.40 min Scan# 2451
Delta R.T. -0.06 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:276 Resp: 15826

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	26.2	20.2	30.4



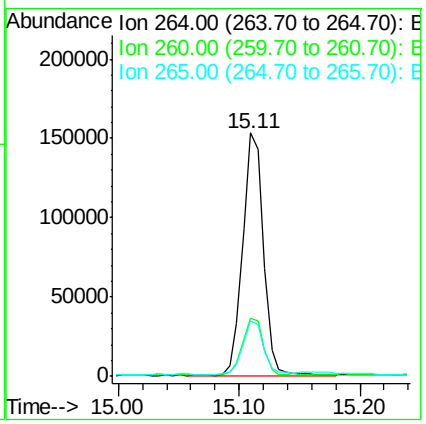


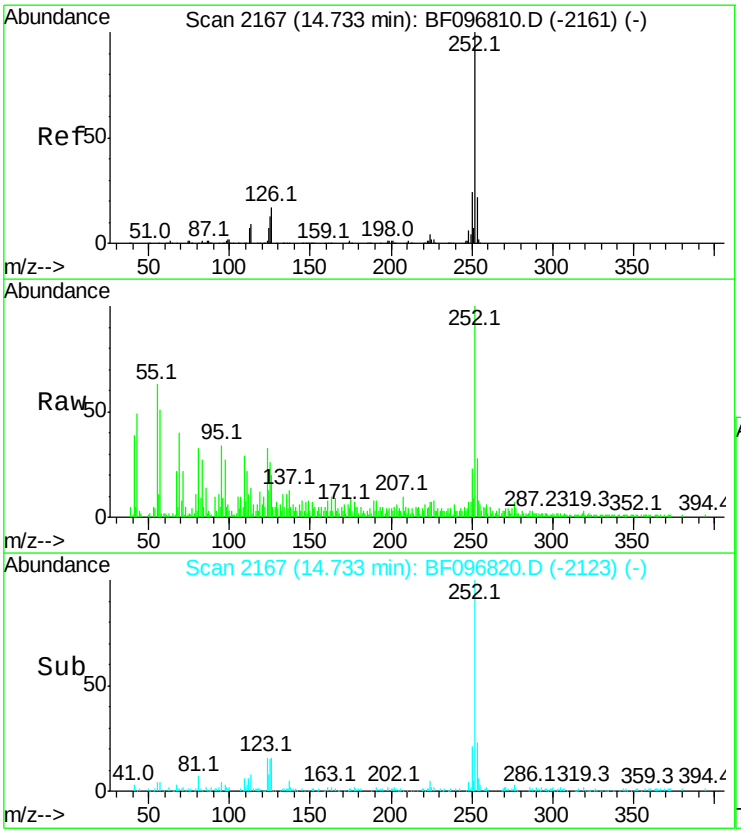
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. -0.05 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:264 Resp: 183446

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.9	17.2	25.8

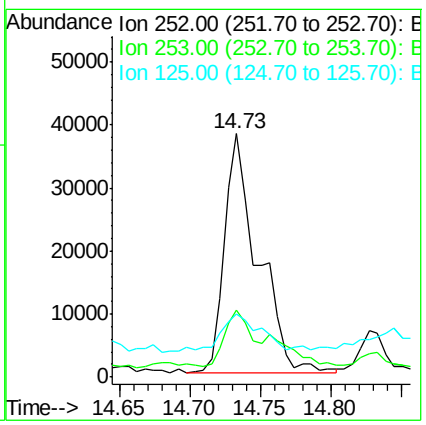


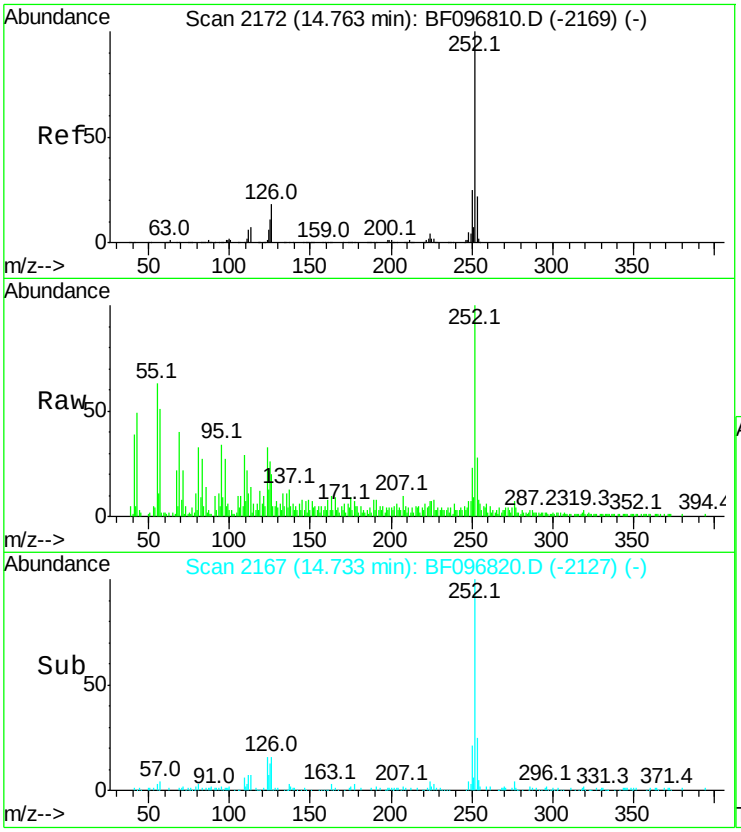


#87
Benzo(b)fluoranthene
Concen: 5.630 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:252 Resp: 62295

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.1	27.1#
125	25.8	9.8	14.8#



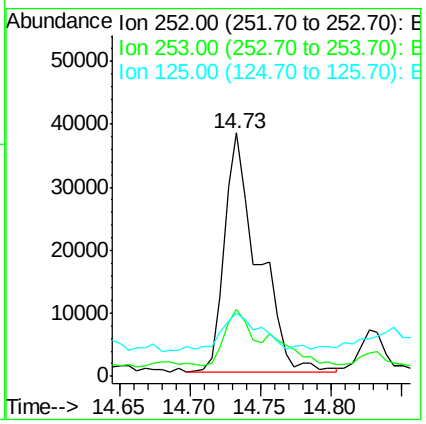


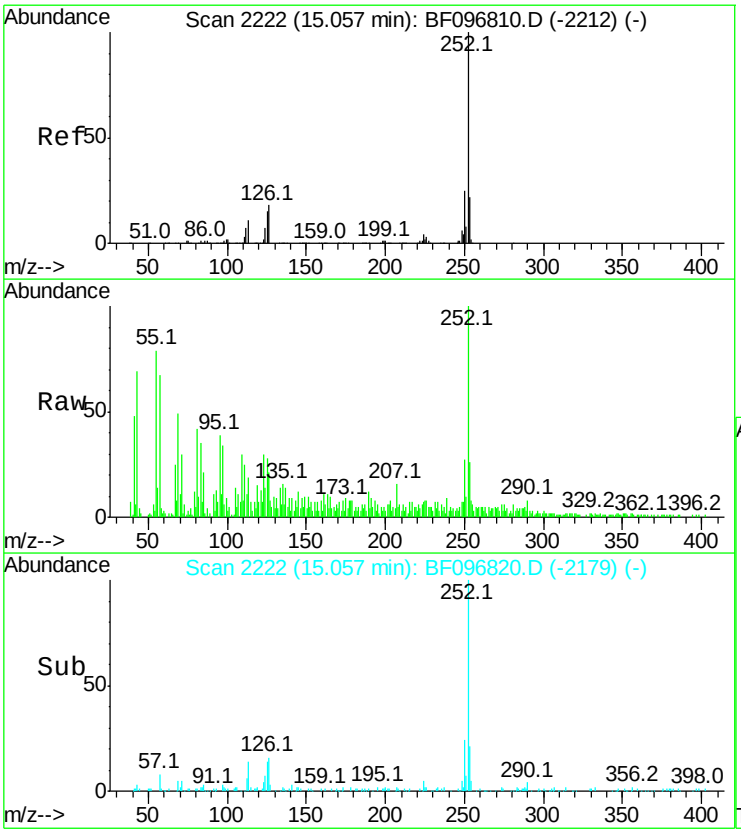
#88
Benzo(k)fluoranthene
Concen: 5.946 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tgt Ion:252 Resp: 62295

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6#
125	25.8	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 3.344 ng
RT: 15.06 min Scan# 2222
Delta R.T. -0.05 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion:252 Resp: 33935

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	28.0	11.0	16.4#