Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096346.D
Acq On : 30 Jun 2017 19:51
Operator : SJ/MA
Sample : I3959-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 23:16:19 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	150595	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	619880	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	239695	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	332025	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	304117	20.00	ng		-0.01
86) Perylene-d12	15.33	264	249898	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	249416	23.86	ng		-0.02
7) Phenol-d6	6.38	99	311695	24.63	ng		-0.01
23) Nitrobenzene-d5	7.31	82	166247	18.57	ng		-0.05
41) 2,4,6-Tribromophenol	10.57	330	51973	27.55	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	287024	21.93	ng		-0.03
78) Terphenyl-d14	12.86	244	174446	14.31	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.29	77	225	Below Cal		#	1
25) Isophorone	7.31	82	166167	8.17	ng	#	68
26) 2-Nitrophenol	7.77	139	227	6.09	ng	#	1
32) Benzoic acid	7.73	122	5052	9.42	ng	#	78
49) Dimethylphthalate	9.51	163	53893	3.14	ng		99
57) Fluorene	10.34	166	29312	Below Cal			98
60) 4-Chlorophenyl-phenylether	10.16	204	110	Below Cal		#	59
70) Phenanthrene	11.30	178	190142	4.51	ng		98
71) Anthracene	11.35	178	52622	2.84	ng		97
74) Fluoranthene	12.48	202	237093	12.85	ng		95
77) Pyrene	12.71	202	213356	8.54	ng		98
80) Benzo(a)anthracene	13.89	228	71968	3.88	ng		99
82) Chrysene	13.93	228	67129	3.50	ng		98
87) Benzo(b)fluoranthene	14.92	252	90229	5.50	ng	#	73
88) Benzo(k)fluoranthene	14.92	252	90229	6.02	ng	#	76
89) Benzo(a)pyrene	15.26	252	46996	3.24	ng	#	70

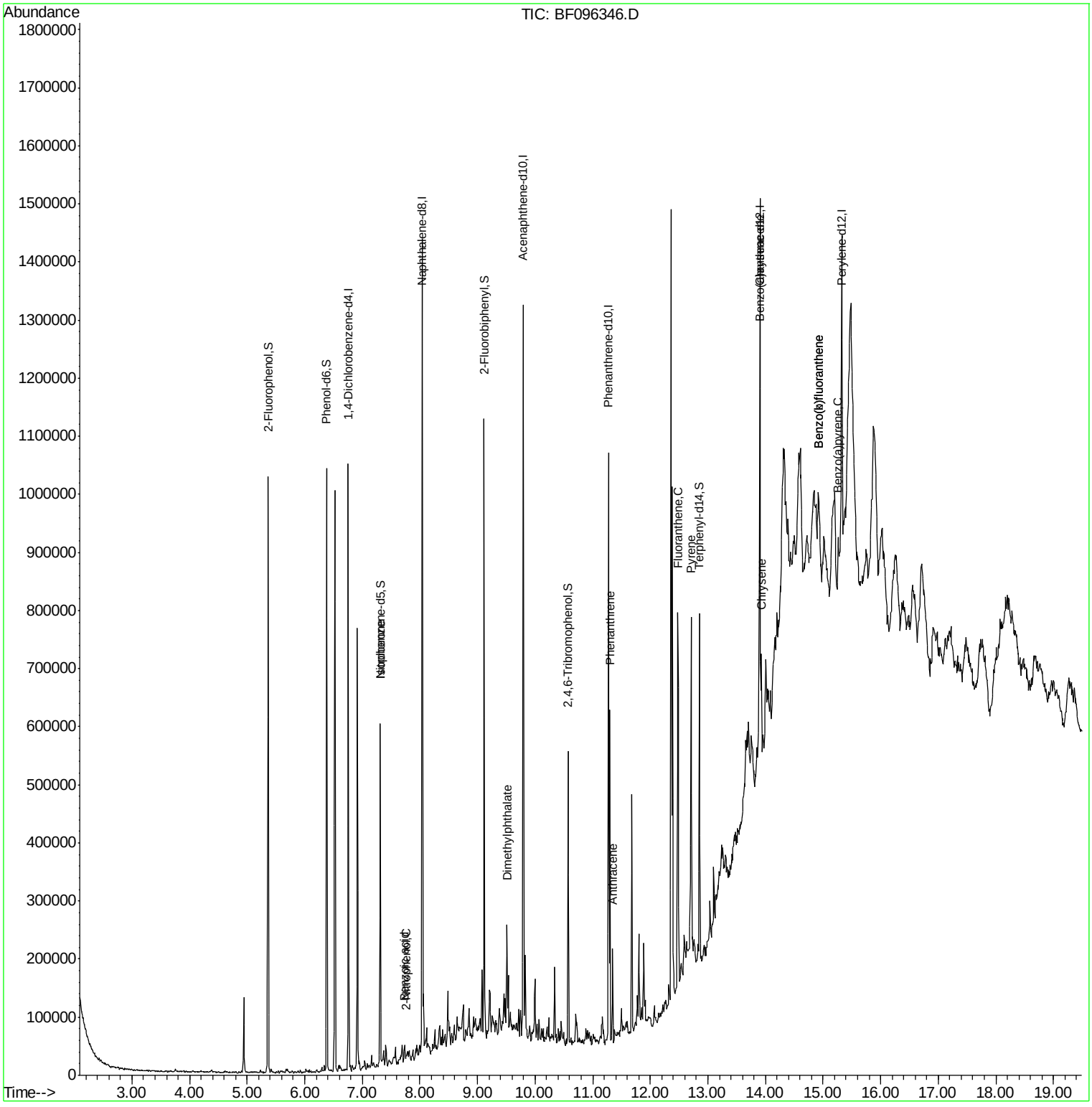
(#) = qualifier out of range (m) = manual integration (+) = signals summed

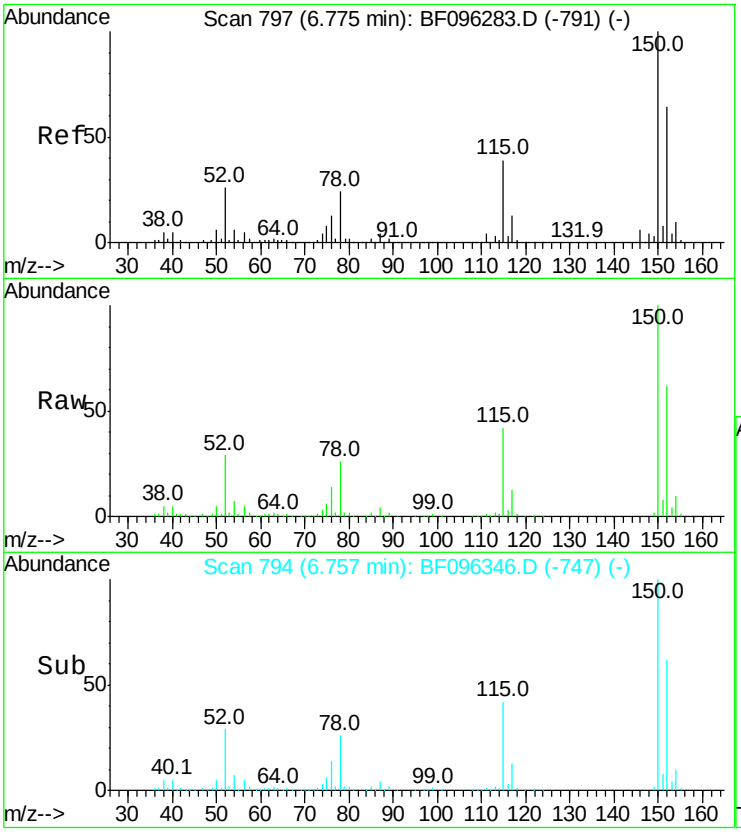
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096346.D
Acq On : 30 Jun 2017 19:51
Operator : SJ/MA
Sample : I3959-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 30 23:16:19 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



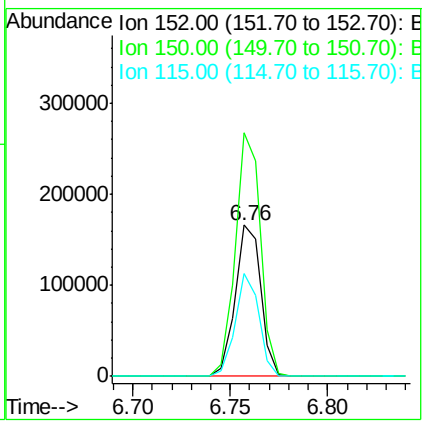


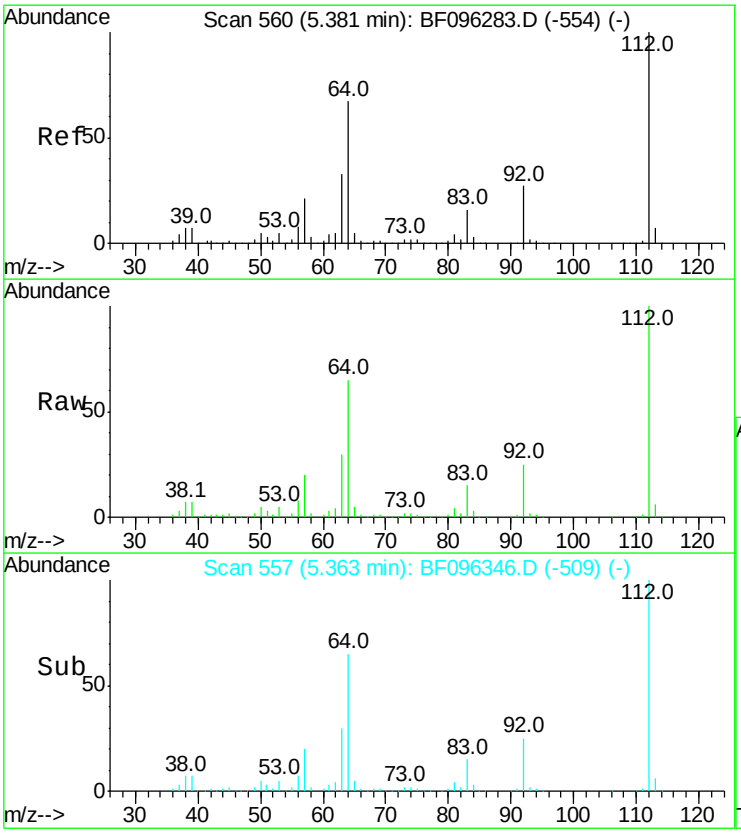
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150595

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	67.6	52.2	78.2

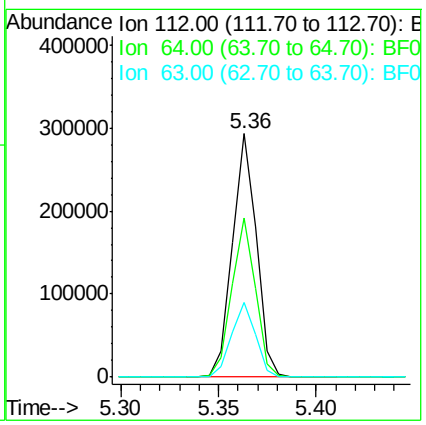


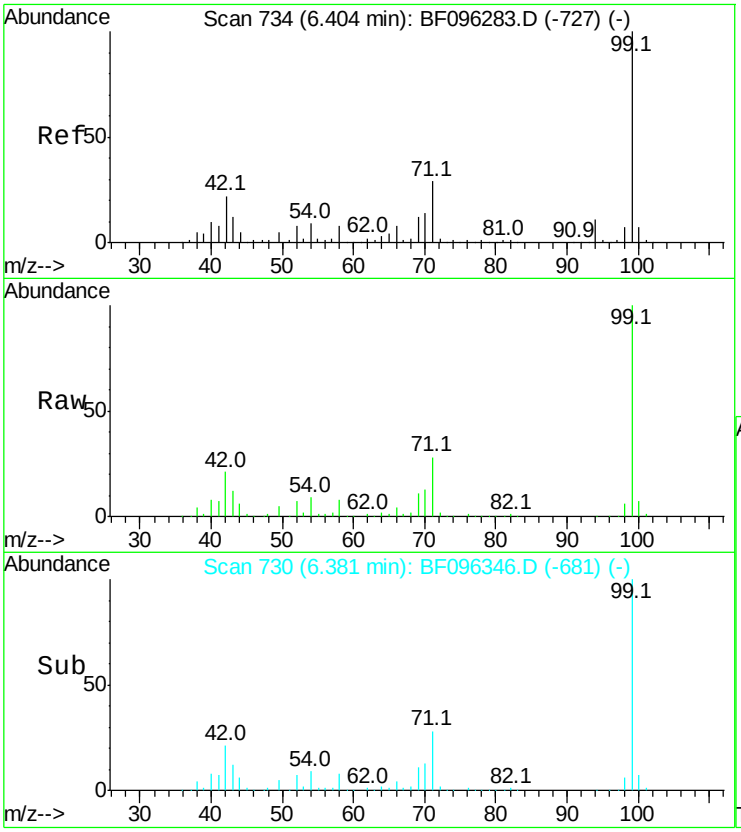


#5
2-Fluorophenol
Concen: 23.86 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:112 Resp: 249416

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	30.4	23.4	35.0



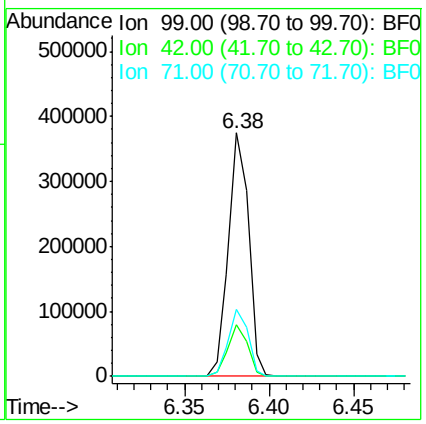


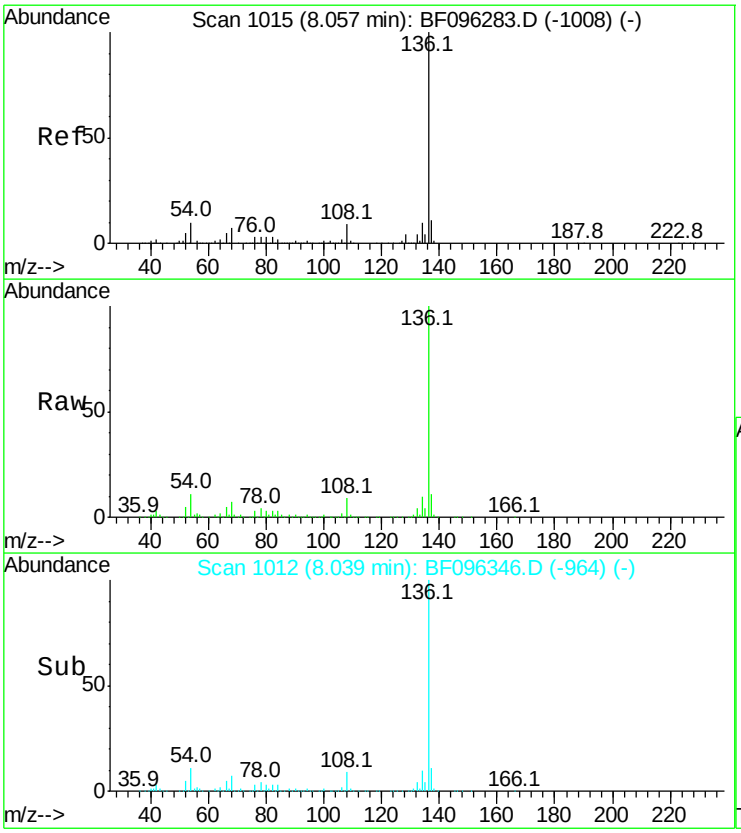
#7
Phenol-d6
Concen: 24.63 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 311695

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	27.5	24.5	36.7

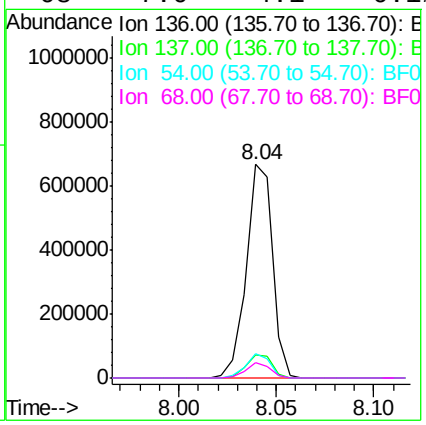


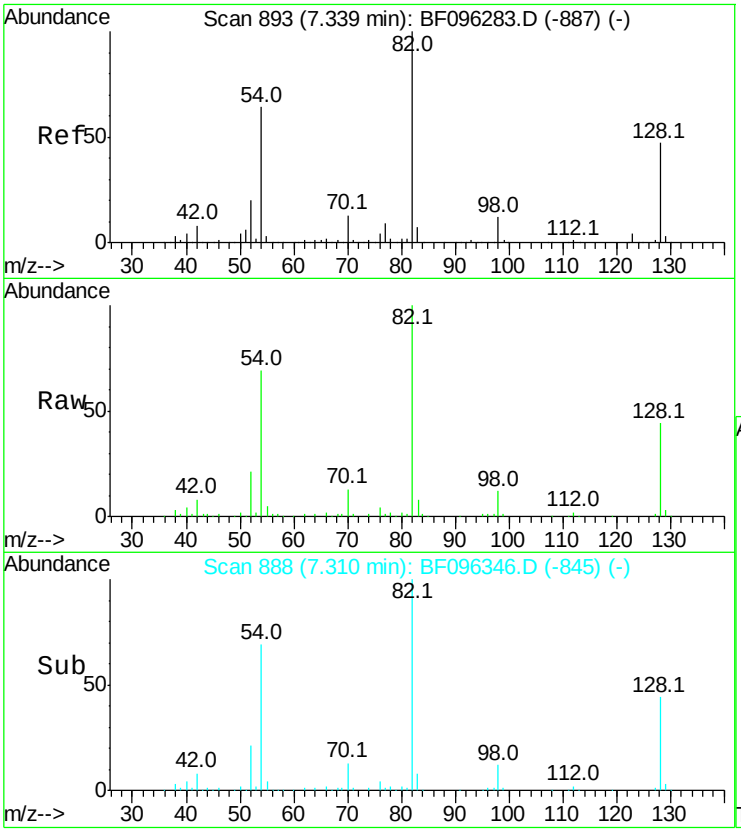


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:136 Resp: 619880

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.5	4.9	7.3#
68	7.0	4.1	6.1#



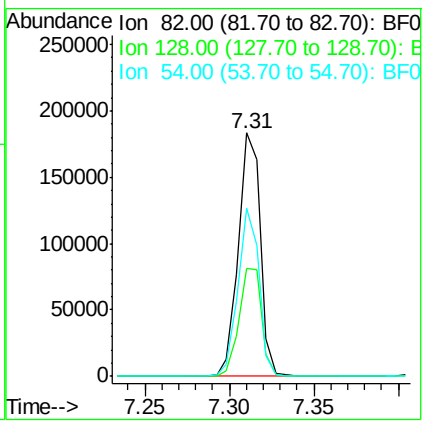


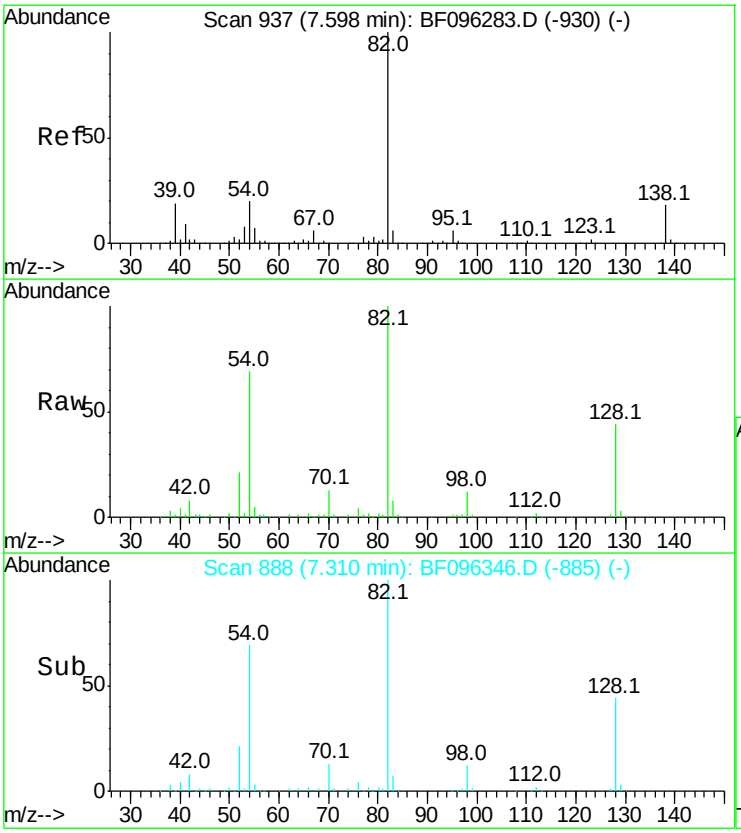
#23
Nitrobenzene-d5
Concen: 18.57 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 166247

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	69.0	42.2	63.2#

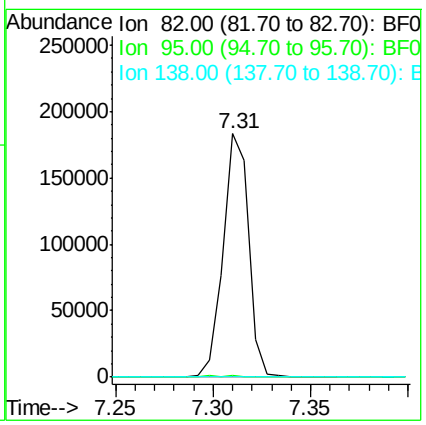


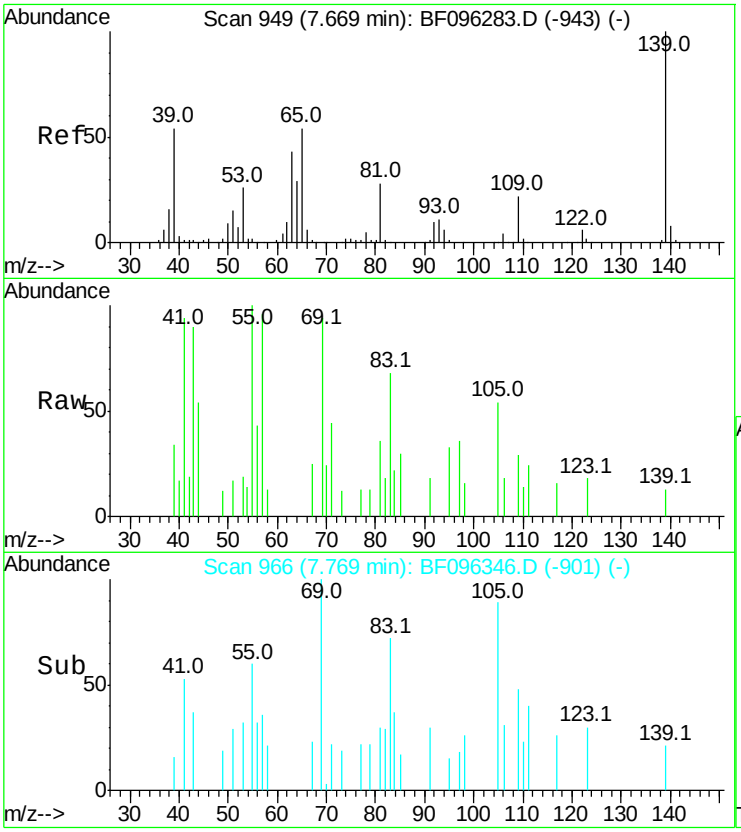


#25
Isophorone
Concen: 8.17 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion: 82 Resp: 166167

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#



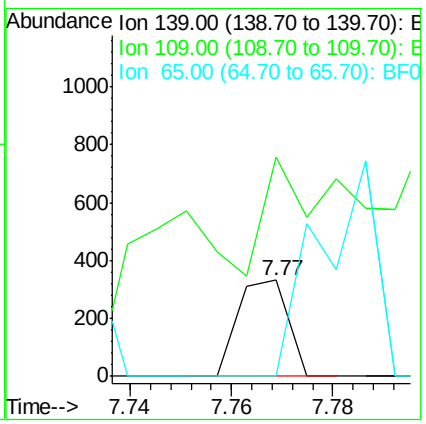


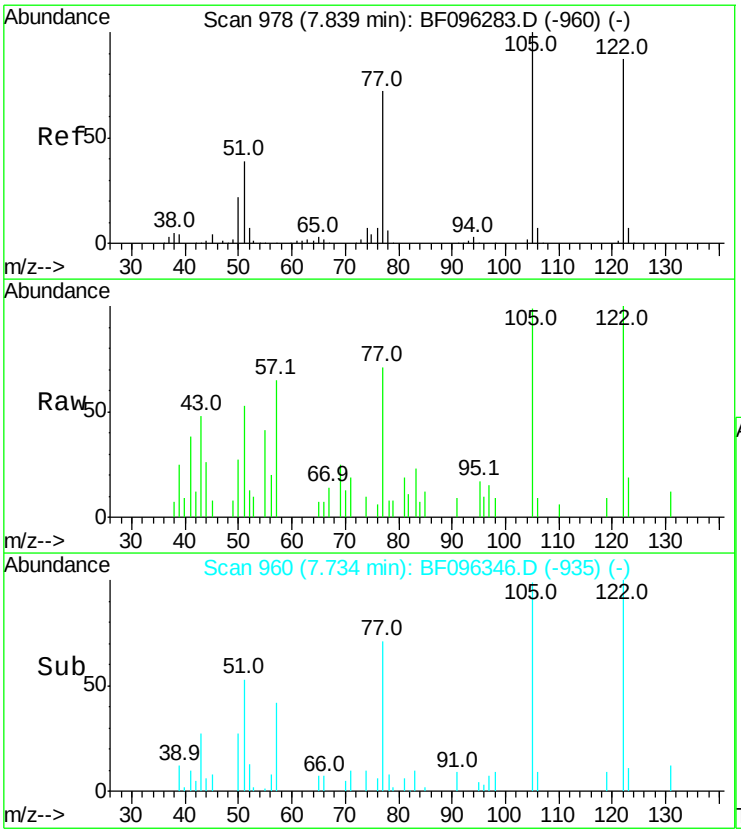
#26
2-Nitrophenol
Concen: 6.09 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.08 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 227

Ion	Ratio	Lower	Upper
139	100		
109	228.6	21.0	31.6#
65	0.0	33.0	49.6#

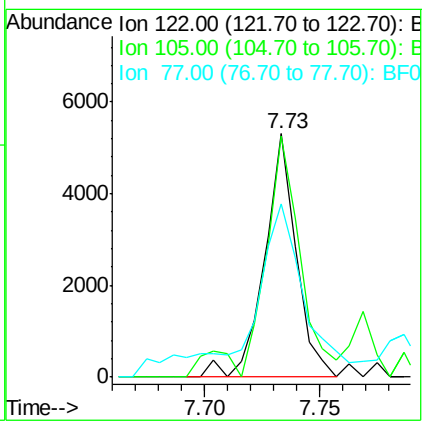


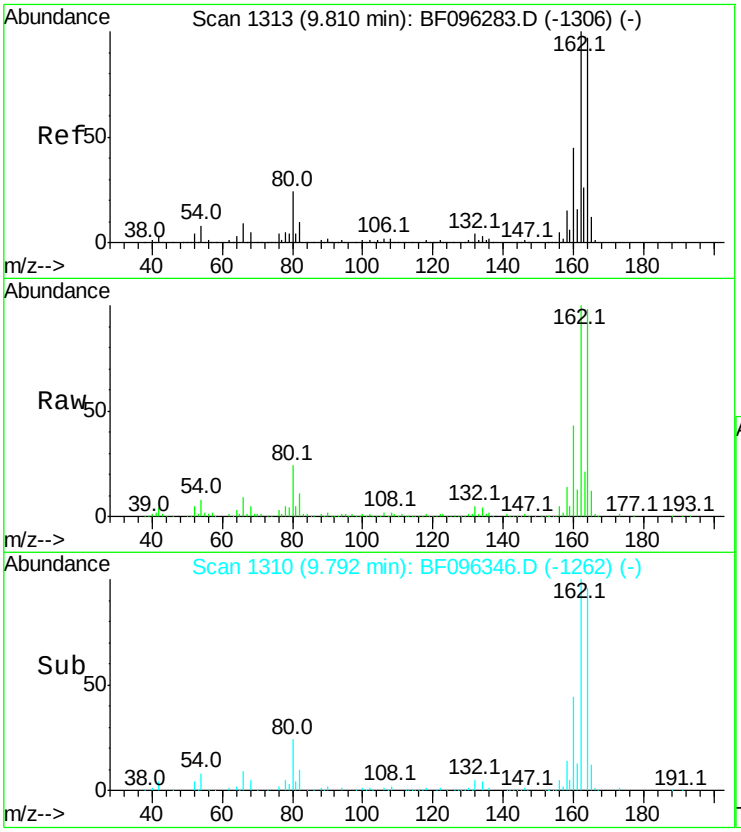


#32
Benzoic acid
Concen: 9.42 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.15 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:122 Resp: 5052

Ion	Ratio	Lower	Upper
122	100		
105	99.0	103.3	143.3#
77	71.0	73.7	113.7#



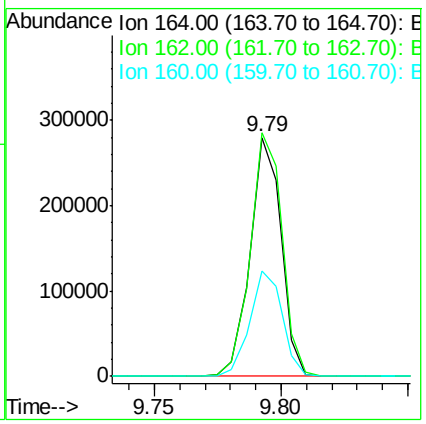


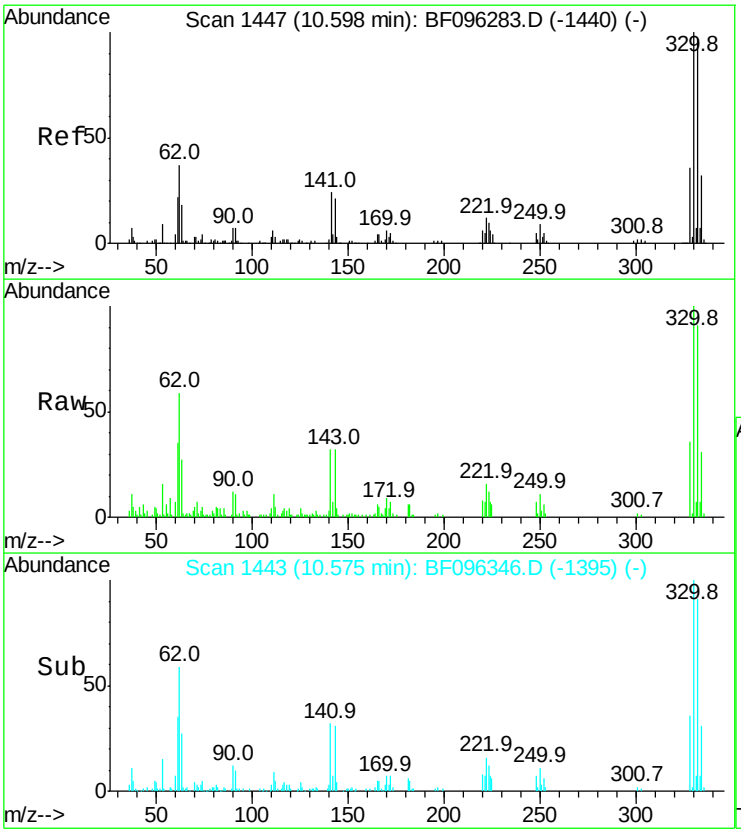
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 239695

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.3	36.2	54.2

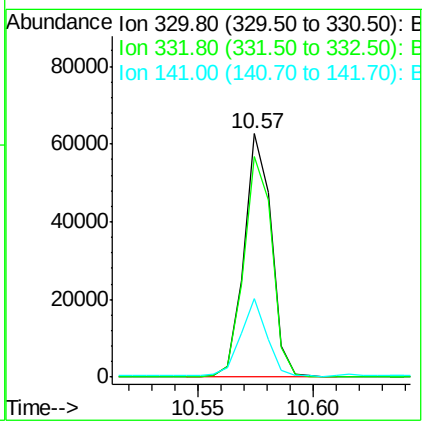


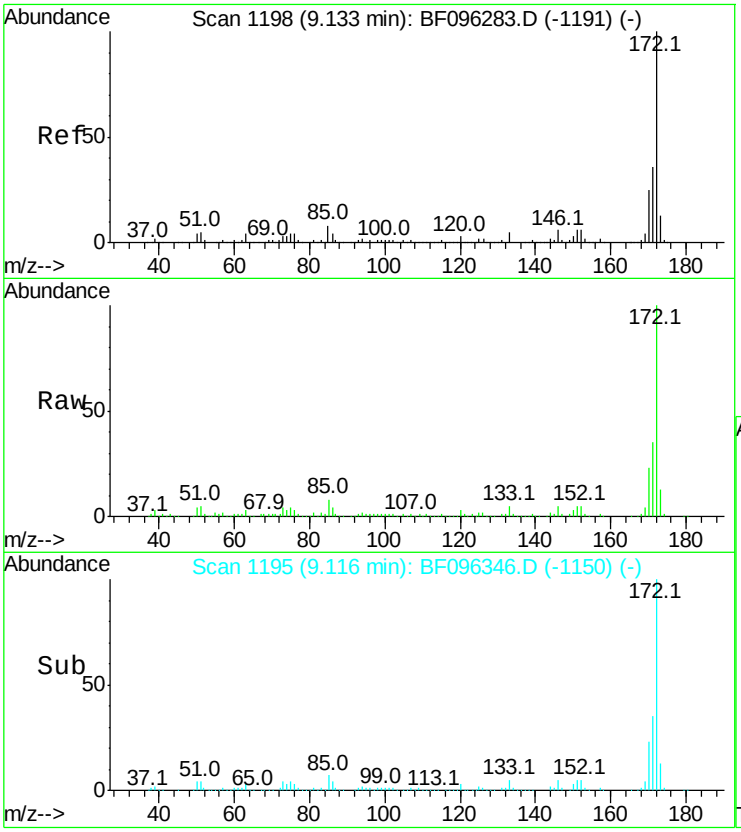


#41
2,4,6-Tribromophenol
Concen: 27.55 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:330 Resp: 51973

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	32.2	31.4	47.2



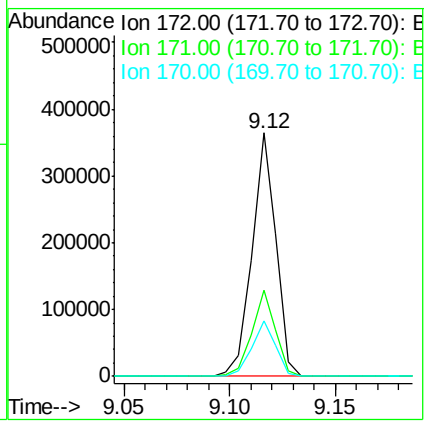


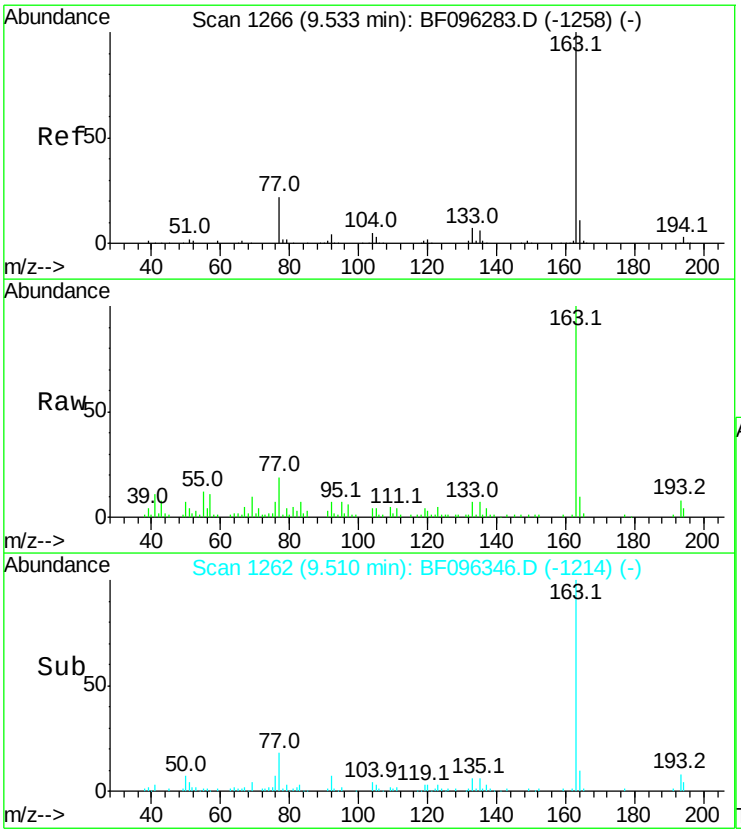
#44
2-Fluorobiphenyl
Concen: 21.93 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 287024

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.7	19.8	29.8

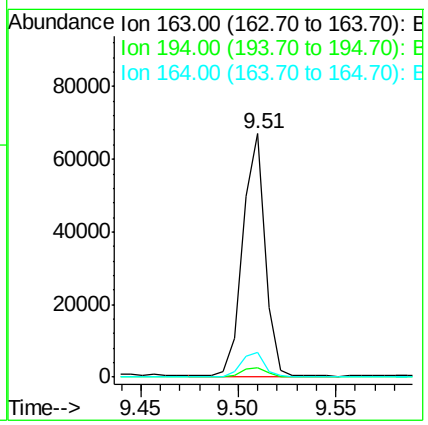


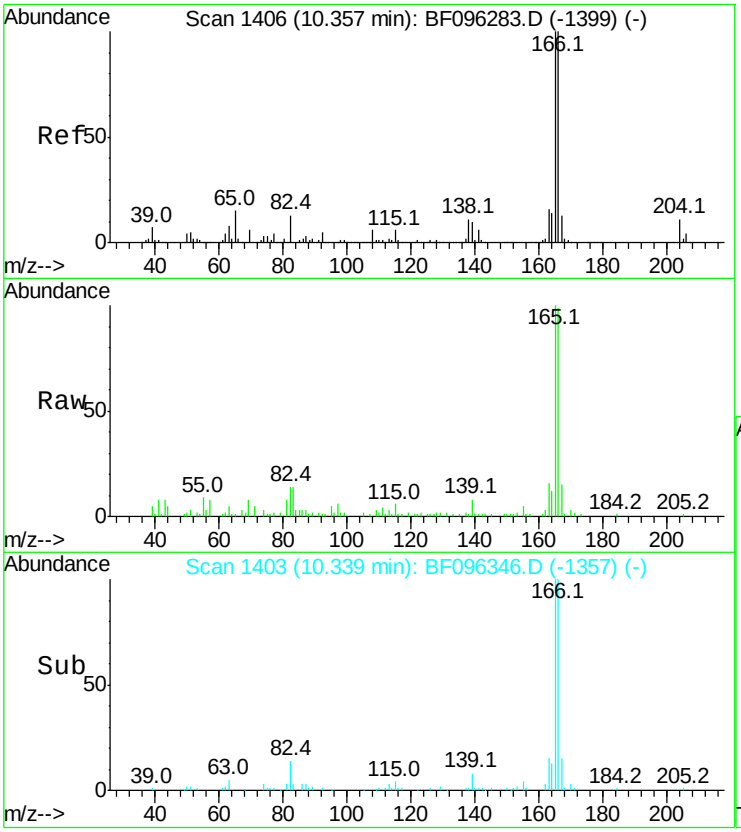


#49
Dimethylphthalate
Concen: 3.14 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:163 Resp: 53893

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.0	8.4	12.6



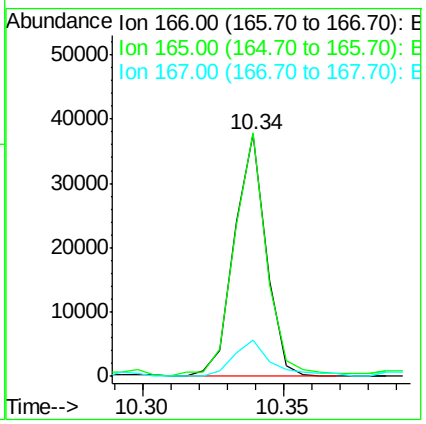


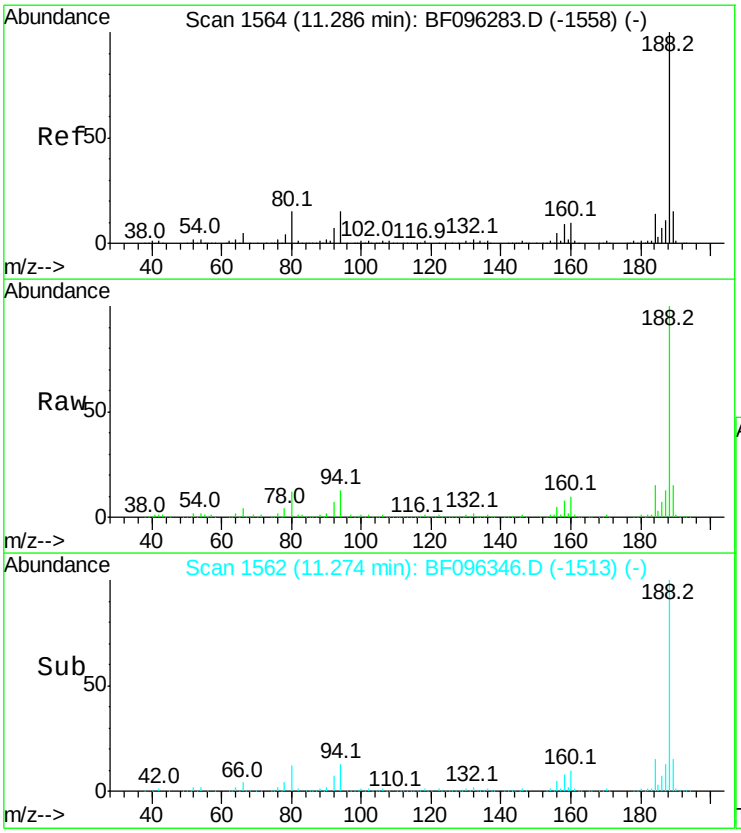
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 29312

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.8	118.2
167	14.8	10.6	16.0

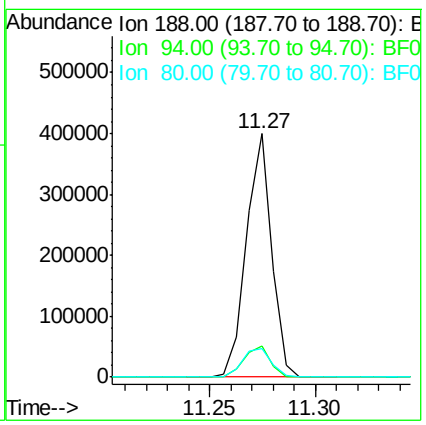


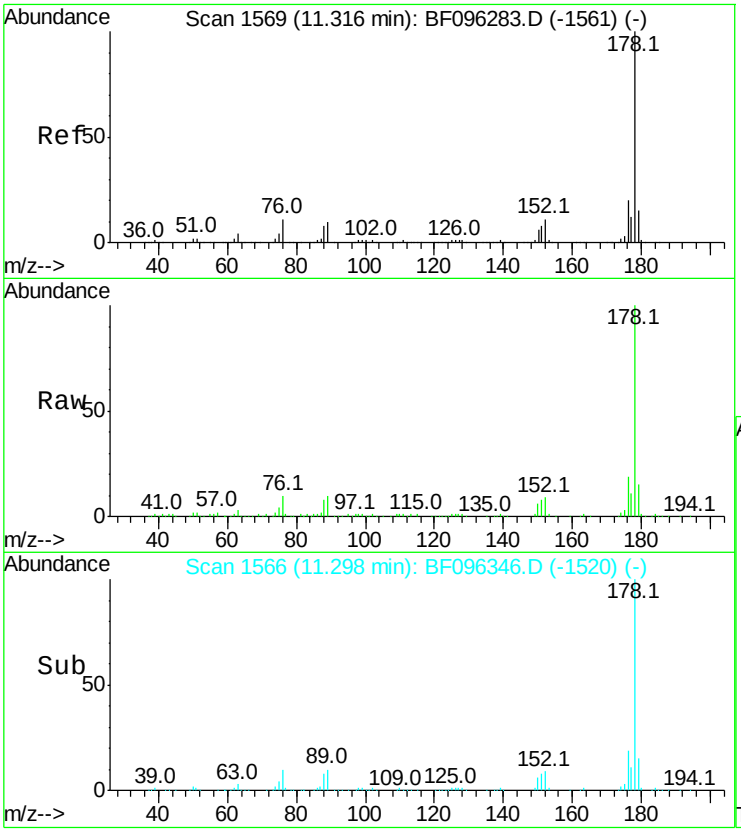


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:188 Resp: 332025

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	12.0	10.2	15.2



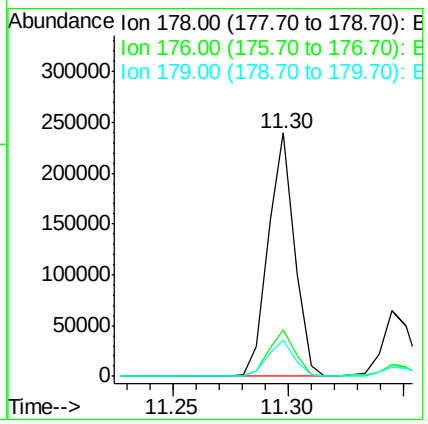


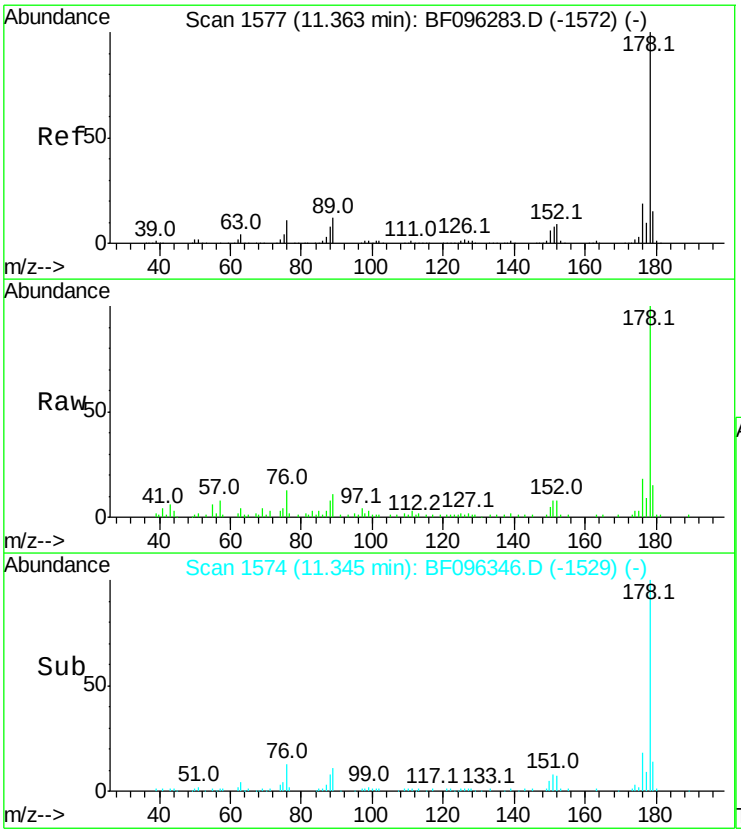
#70
Phenanthrene
Concen: 4.51 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 190142

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0

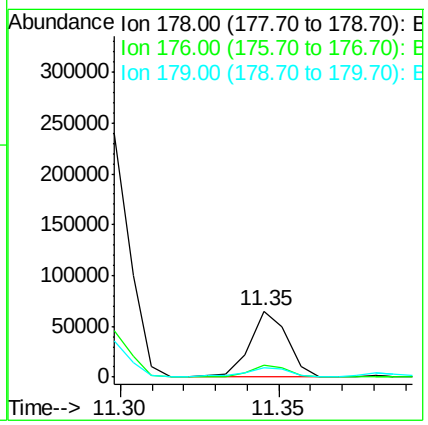


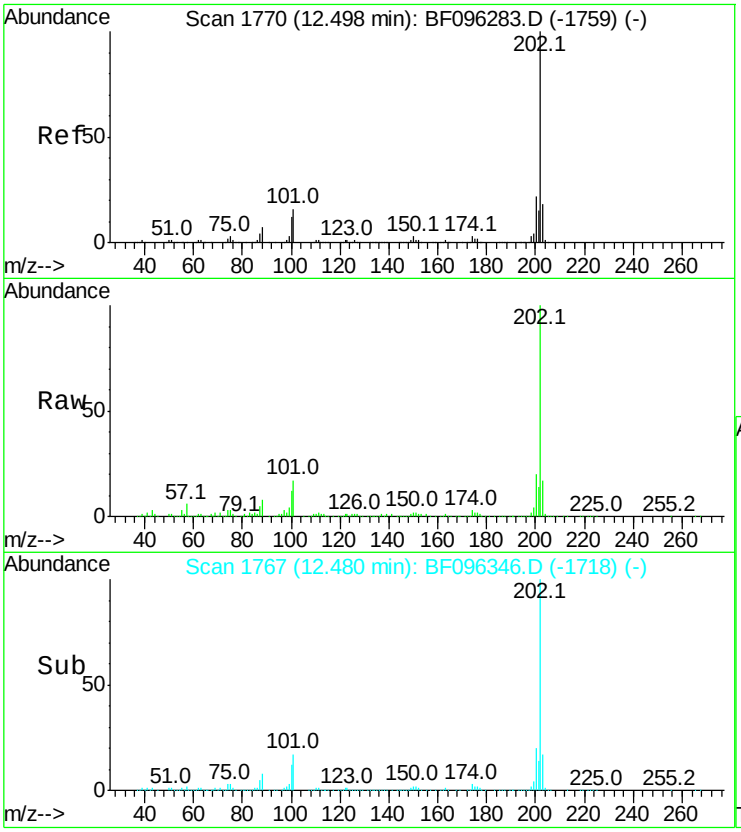


#71
Anthracene
Concen: 2.84 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:178 Resp: 52622

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.8	12.7	19.1



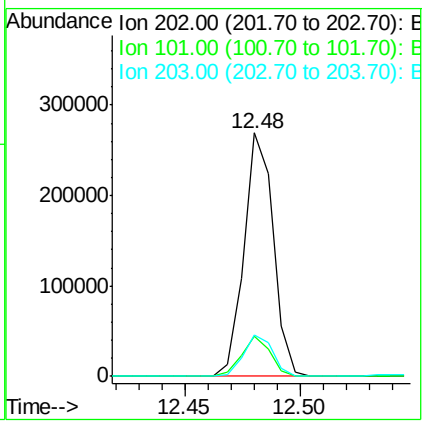


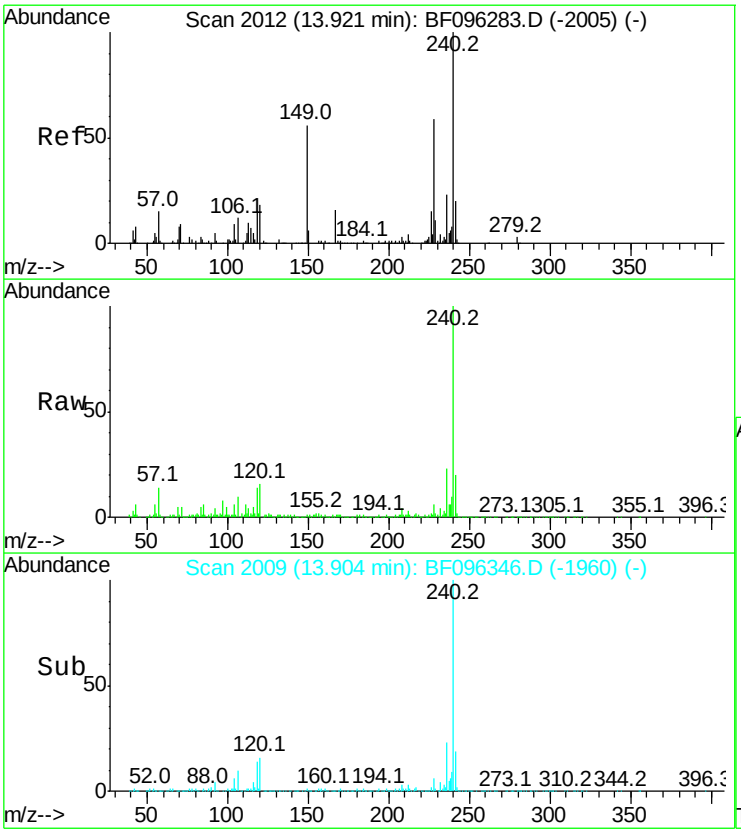
#74
Fluoranthene
Concen: 12.85 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 237093

Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.2
203	16.8	0.0	38.1

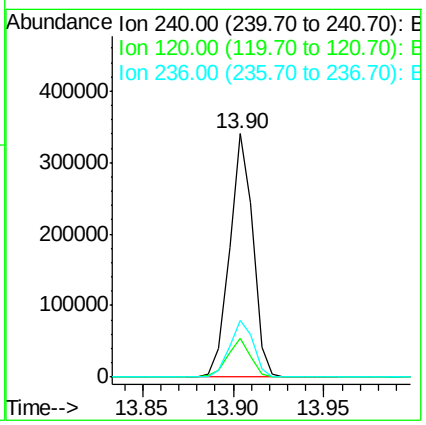


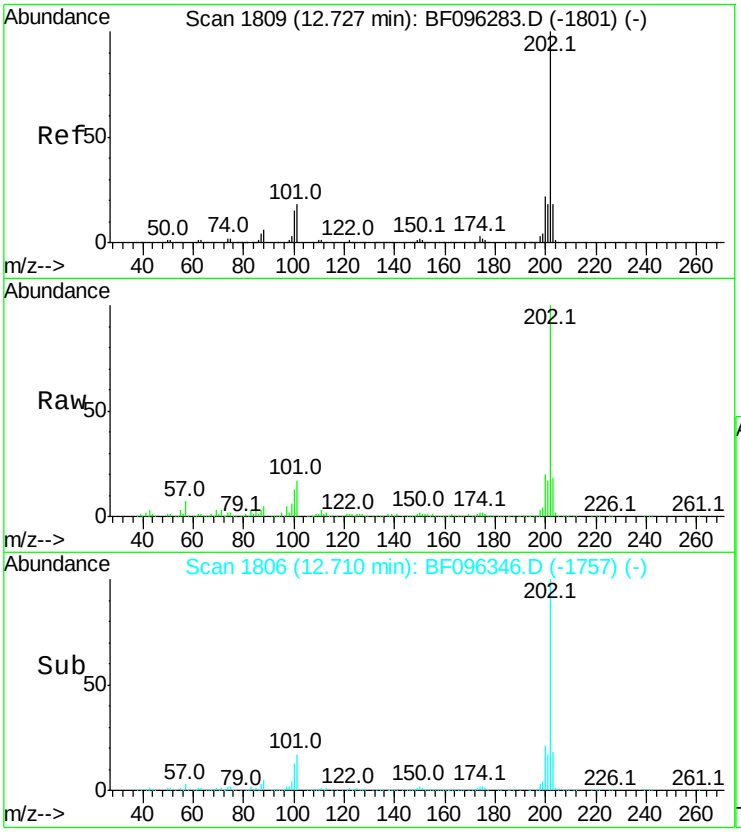


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:240 Resp: 304117

Ion	Ratio	Lower	Upper
240	100		
120	16.2	5.8	8.8#
236	23.4	20.5	30.7



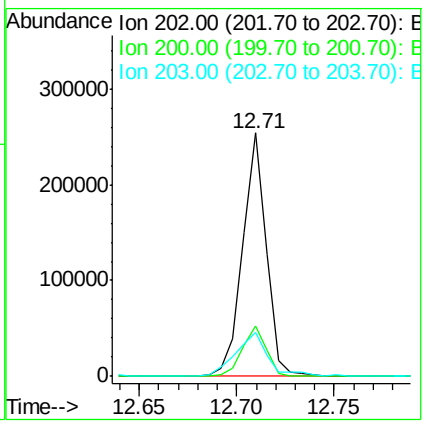


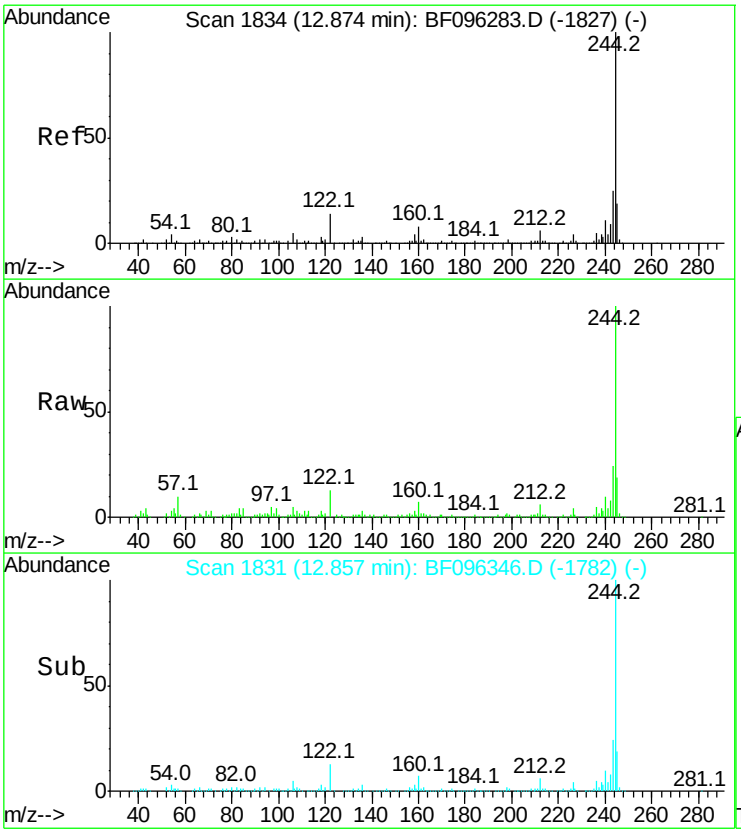
#77
Pyrene
Concen: 8.54 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 213356

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	18.1	14.4	21.6

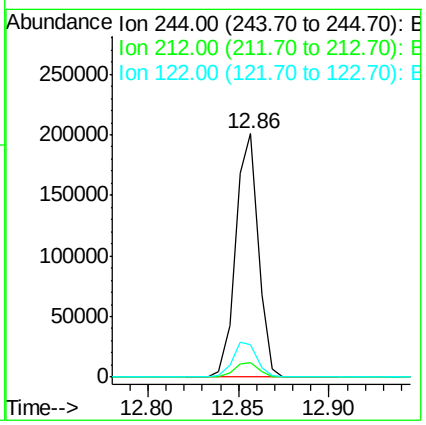


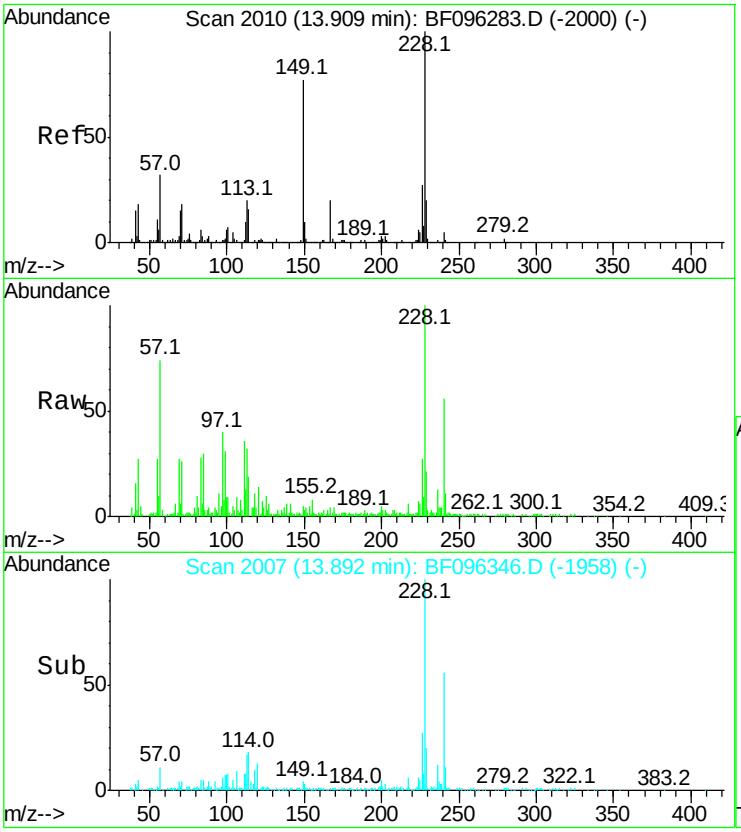


#78
Terphenyl-d14
Concen: 14.31 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:244 Resp: 174446

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	13.3	10.3	15.5



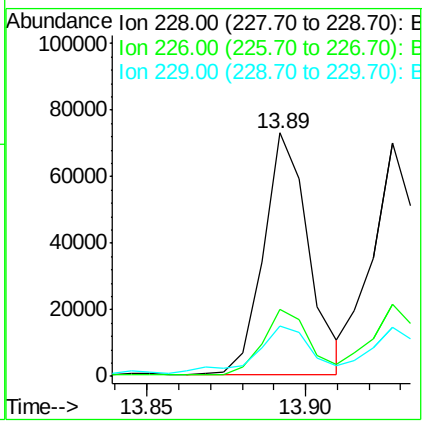


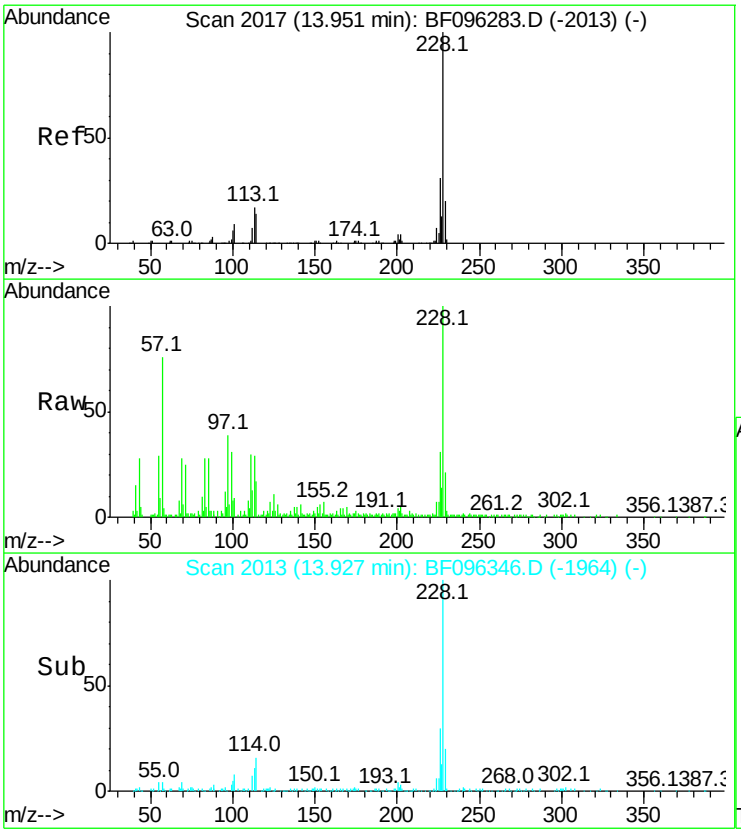
#80
Benzo(a)anthracene
Concen: 3.88 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71968

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.8	16.3	24.5

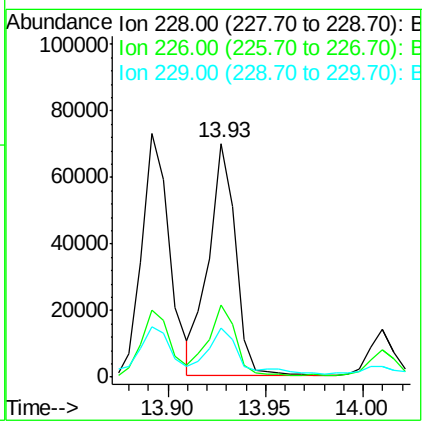


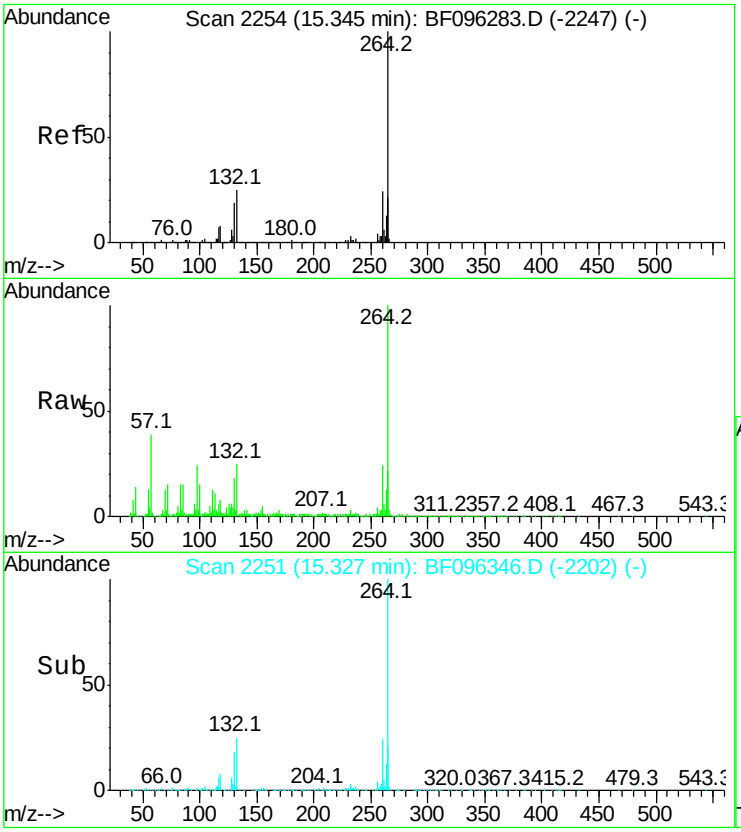


#82
Chrysene
Concen: 3.50 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:228 Resp: 67129

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.3	15.8	23.6



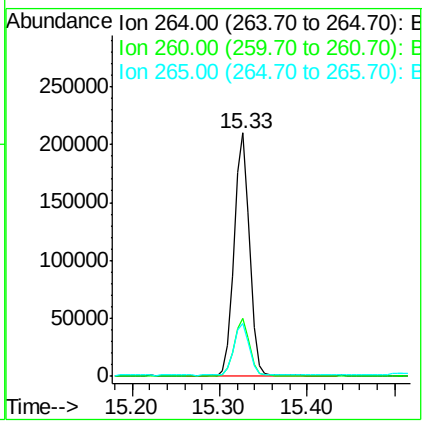


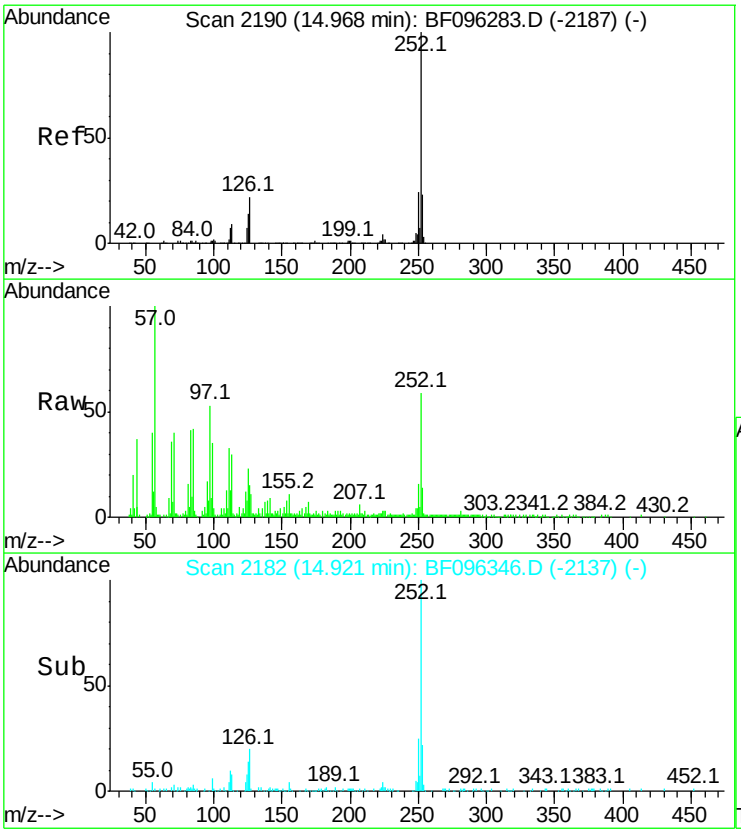
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 249898

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

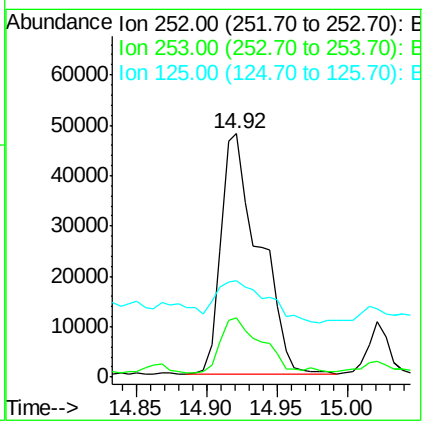


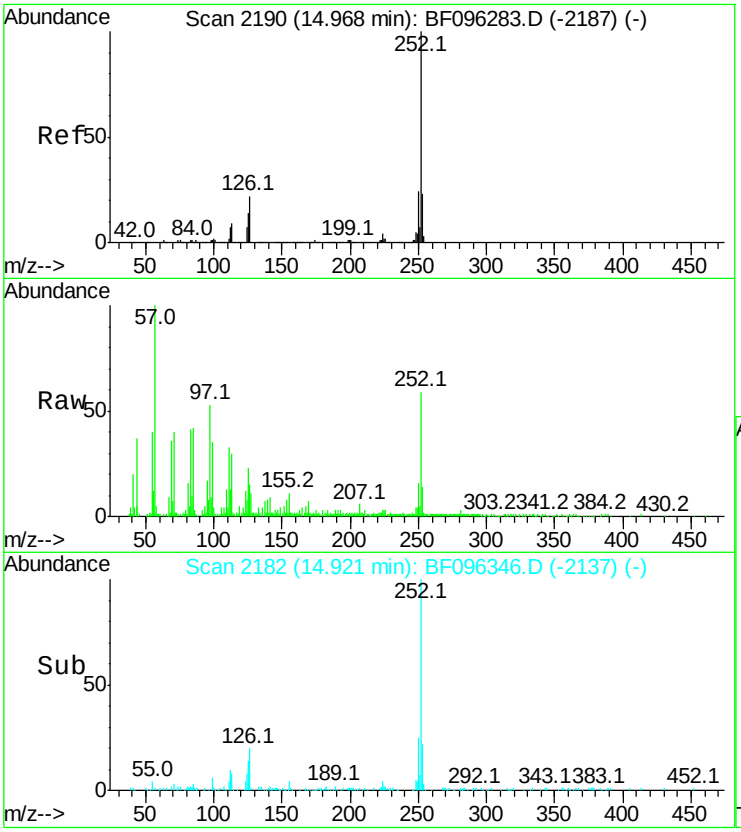


#87
Benzo(b)fluoranthene
Concen: 5.50 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:252 Resp: 90229

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	39.5	9.8	14.8#



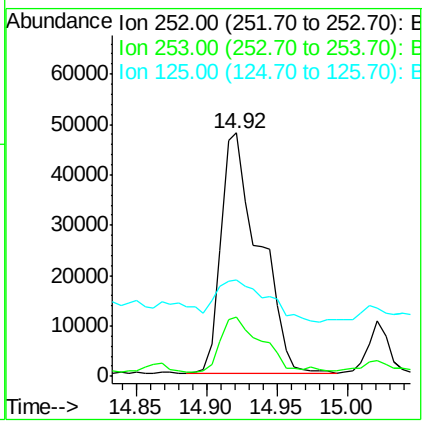


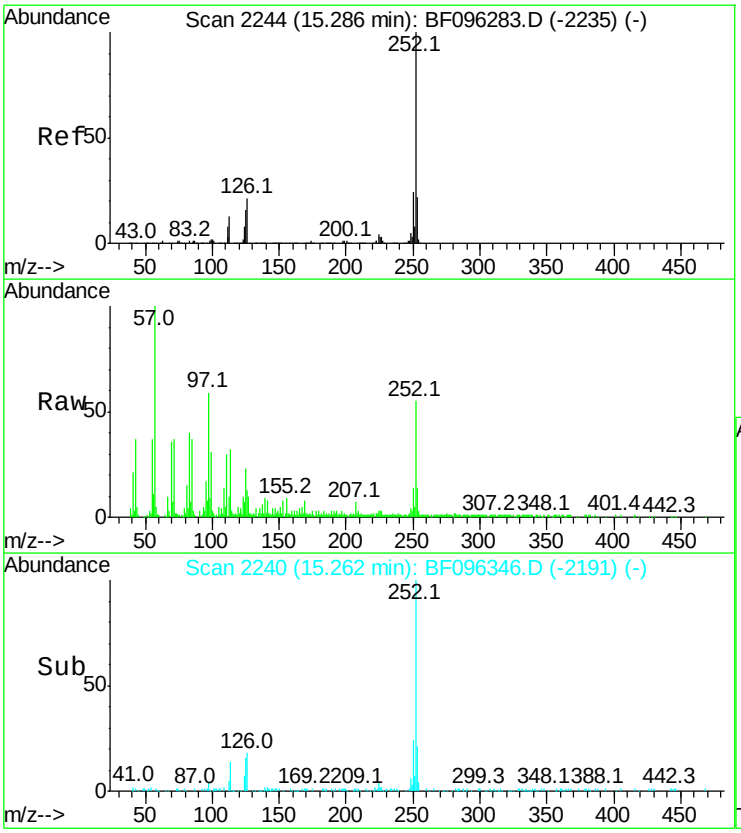
#88
Benzo(k)fluoranthene
Concen: 6.02 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90229

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	39.5	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 3.24 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096346.D
Acq: 30 Jun 2017 19:51

Tgt Ion:252 Resp: 46996

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	41.6	11.0	16.4#