Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096270.D
Acq On : 29 Jun 2017 1:50
Operator : SJ/MA
Sample : I3897-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 29 05:40:00 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	6.79	152	135065	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	537687	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	211536	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	332612	20.00	ng		0.01
75) Chrysene-d12	13.93	240	290662	20.00	ng		0.01
86) Perylene-d12	15.36	264	224733	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1040919	111.03	ng		0.02
7) Phenol-d6	6.42	99	1242216	109.43	ng		0.02
23) Nitrobenzene-d5	7.34	82	702291	90.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	224030	134.57	ng		0.01
44) 2-Fluorobiphenyl	9.14	172	1090510	94.41	ng		-0.01
78) Terphenyl-d14	12.88	244	828413	71.12	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	4640	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.34	70	93418	13.74	ng	#	88
25) Isophorone	7.34	82	700537	39.71	ng	#	67
27) 2,4-Dimethylphenol	7.77	122	22272	2.79	ng	#	5
32) Benzoic acid	7.85	122	1233	8.96	ng		87
49) Dimethylphthalate	9.53	163	546735	36.12	ng		100
50) 2,6-Dinitrotoluene	9.53	165	6534	2.07	ng	#	7
53) 2,4-Dinitrophenol	10.10	184	368	7.90	ng	#	4
56) 2,4-Dinitrotoluene	9.82	165	28270	7.12	ng	#	34
57) Fluorene	10.36	166	22152	Below Cal			93
60) 4-Chlorophenyl-phenylether	10.09	204	110	Below Cal		#	49
64) 4,6-Dinitro-2-methylphenol	10.63	198	734	9.09	ng		89
66) 4-Bromophenyl-phenylether	10.60	248	12229	3.57	ng	#	1
70) Phenanthrene	11.32	178	251245	8.91	ng		98
71) Anthracene	11.37	178	56514	3.04	ng		97
74) Fluoranthene	12.50	202	356894	19.32	ng		94
77) Pyrene	12.73	202	336976	14.11	ng		98
80) Benzo(a)anthracene	13.92	228	181587	10.25	ng		97
82) Chrysene	13.95	228	181756	9.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	73923	4.86	ng		94
87) Benzo(b)fluoranthene	14.94	252	254970	17.27	ng	#	95
88) Benzo(k)fluoranthene	14.94	252	254970	18.92	ng		99
89) Benzo(a)pyrene	15.29	252	128201	9.83	ng	#	93
90) Dibenzo(a,h)anthracene	16.76	278	21014	2.06	ng	#	76
91) Benzo(g,h,i)perylene	17.17	276	72254	6.81	ng		96

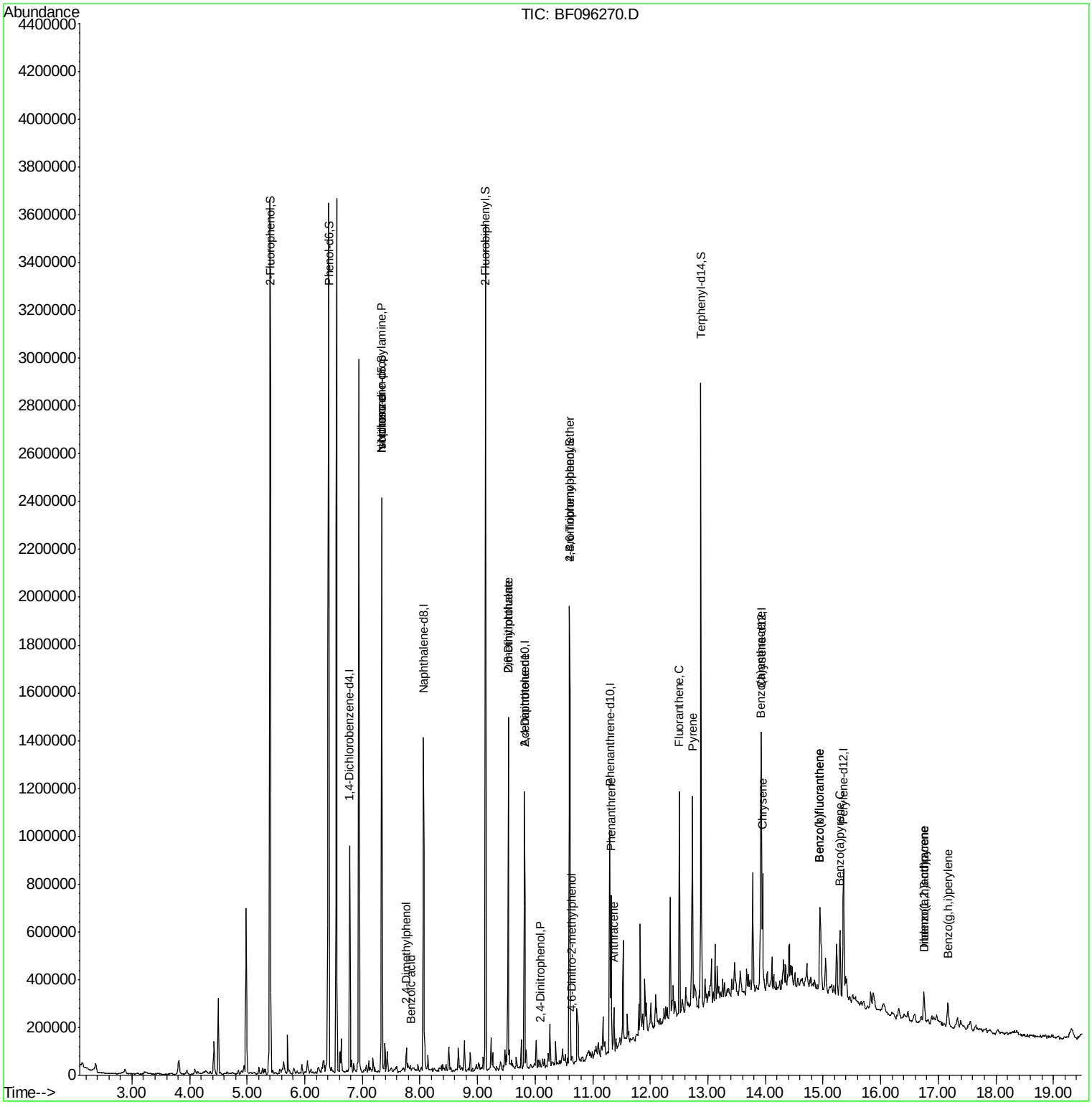
(#) = qualifier out of range (m) = manual integration (+) = signals summed

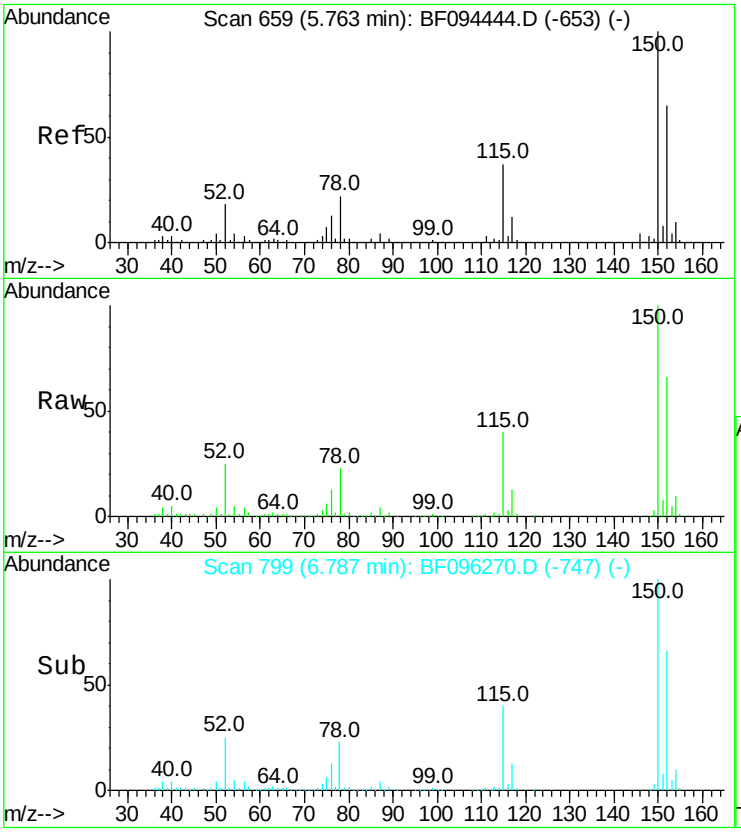
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096270.D
Acq On : 29 Jun 2017 1:50
Operator : SJ/MA
Sample : I3897-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 29 05:40:00 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



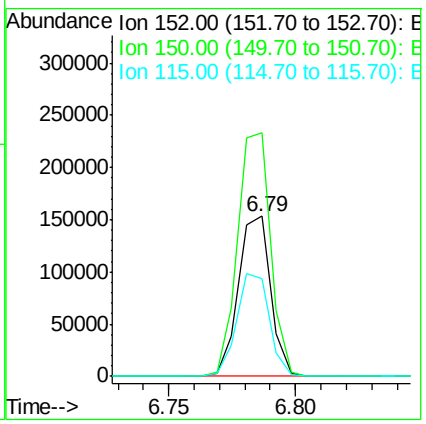


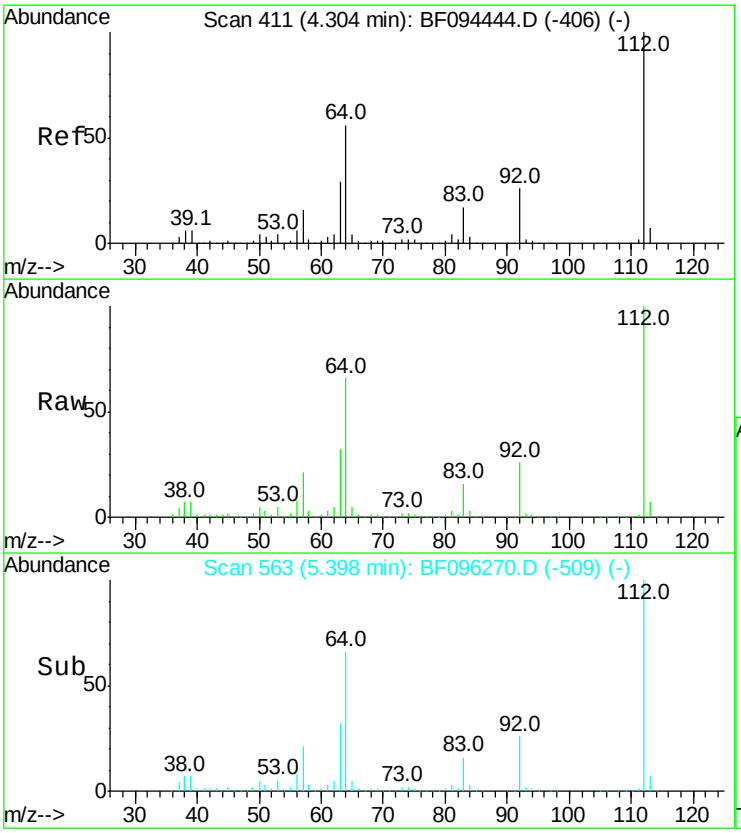
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135065

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	61.4	52.2	78.2

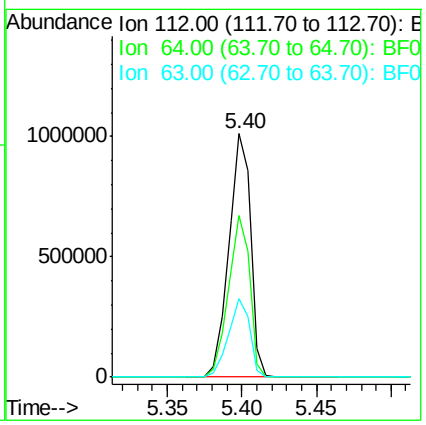


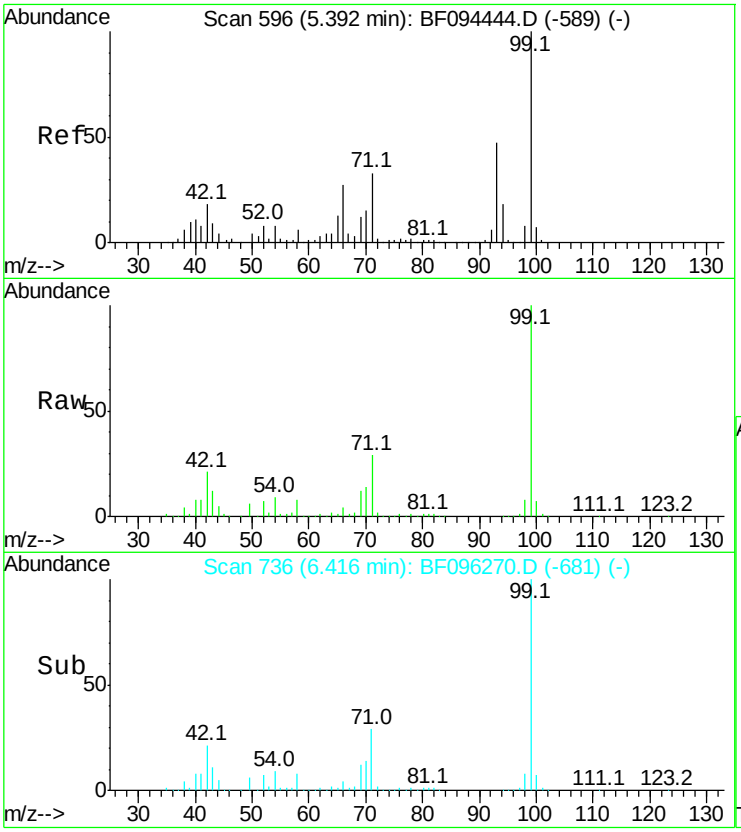


#5
2-Fluorophenol
Concen: 111.03 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:112 Resp: 1040919

Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.0	69.0
63	32.5	23.4	35.0



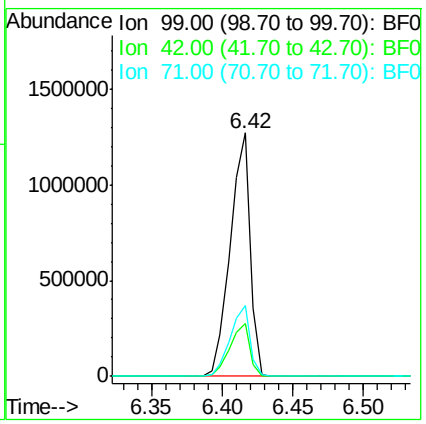


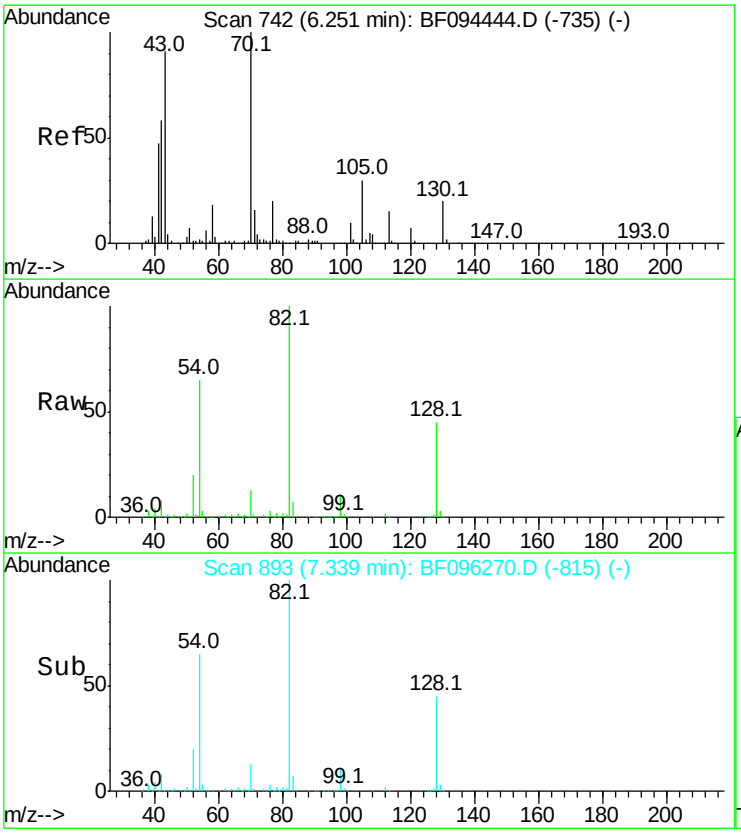
#7
Phenol-d6
Concen: 109.43 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1242216

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	29.2	24.5	36.7

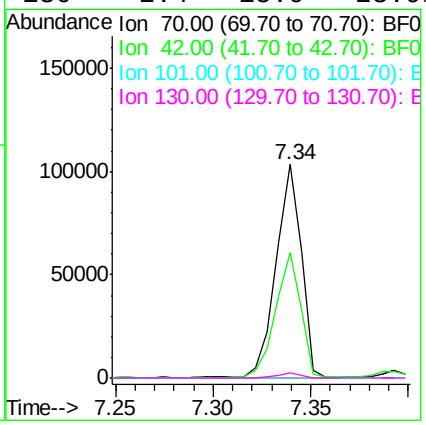


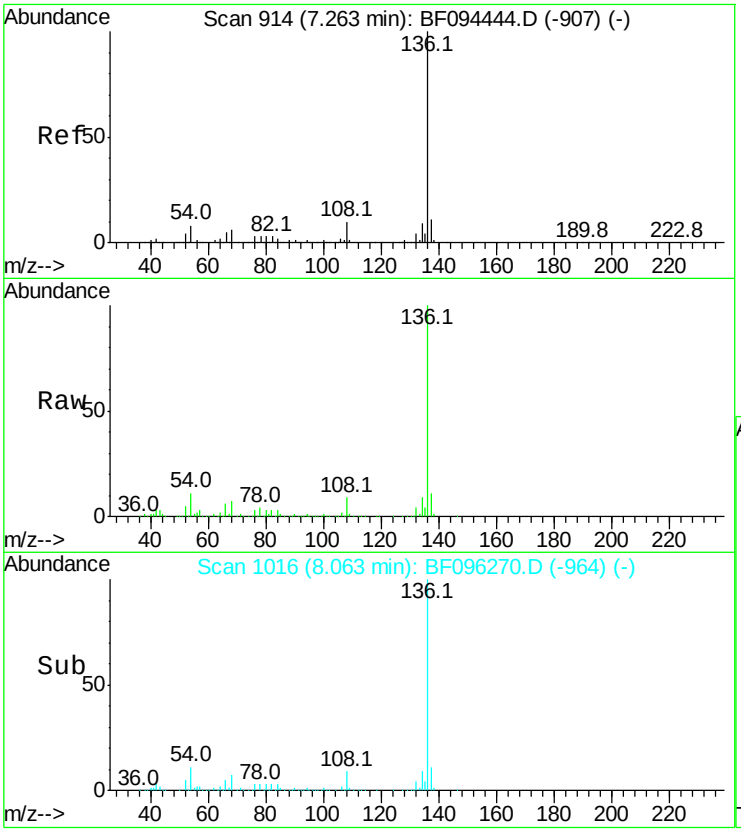


#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.16 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion: 70 Resp: 93418

Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



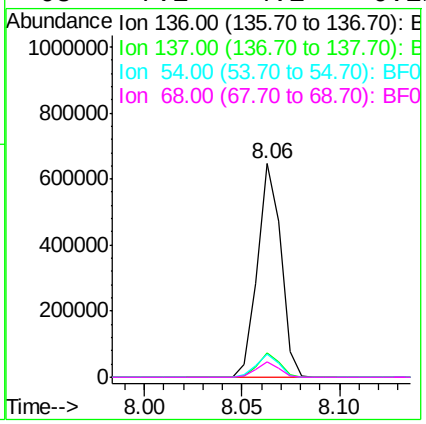


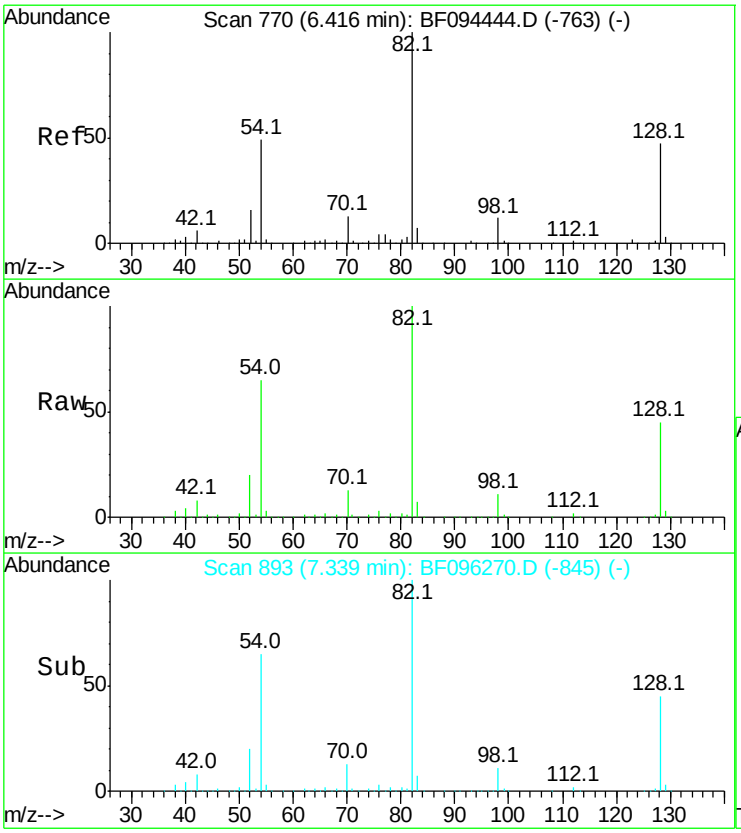
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 537687

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	7.1	4.1	6.1#

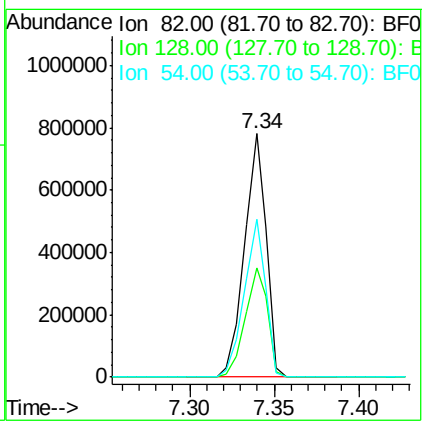


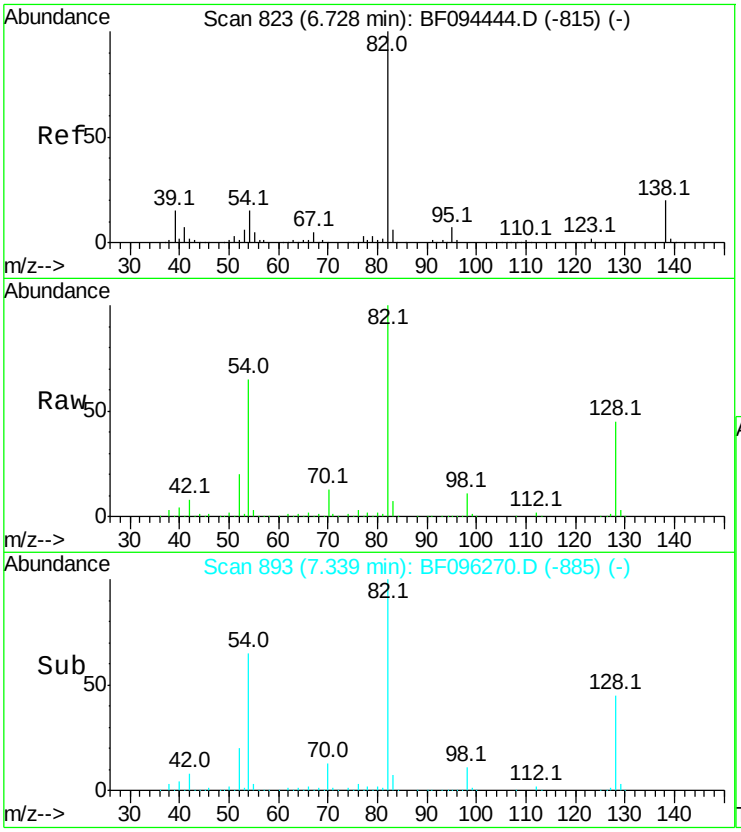


#23
Nitrobenzene-d5
Concen: 90.42 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion: 82 Resp: 702291

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	64.9	42.2	63.2#



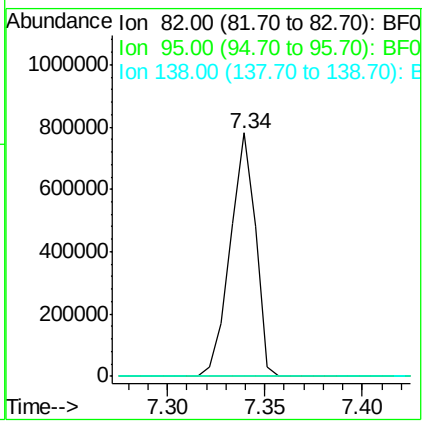


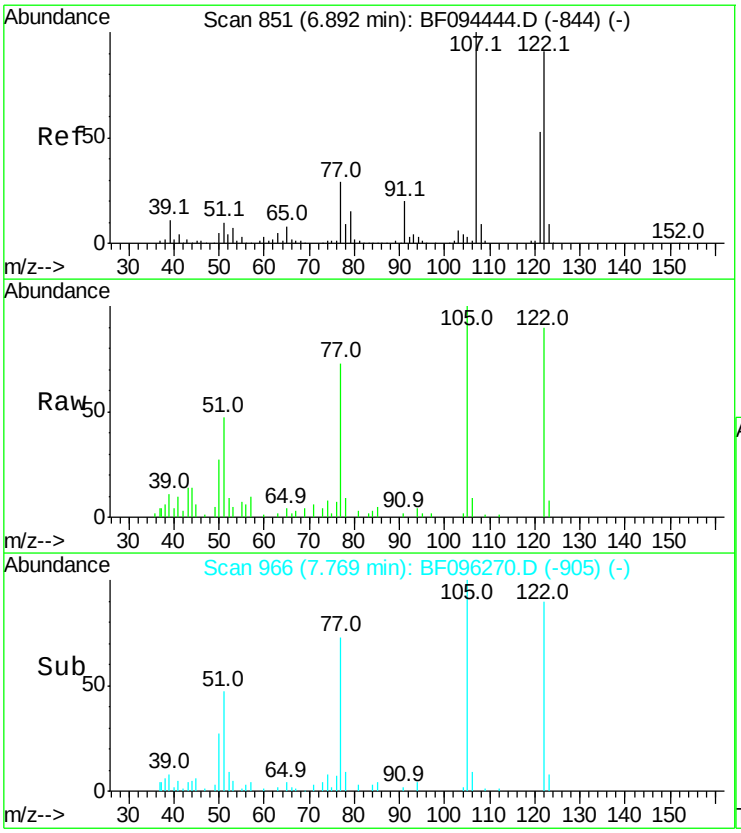
#25
Isophorone
Concen: 39.71 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.25 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 700537

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

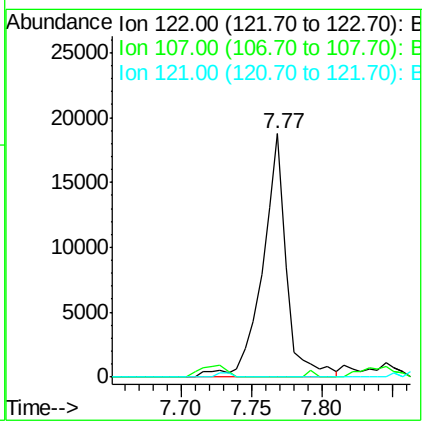


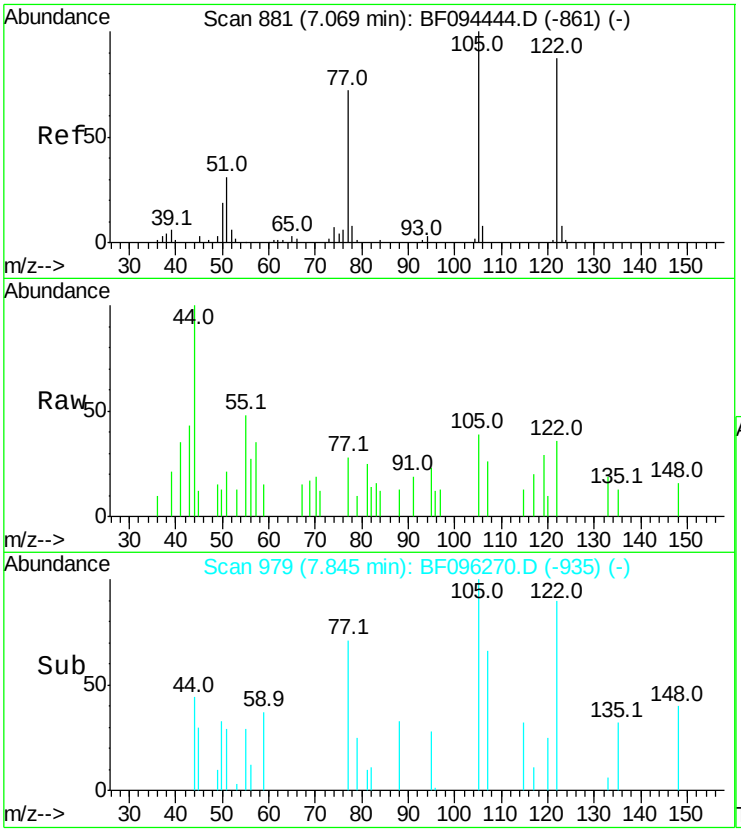


#27
2,4-Dimethylphenol
Concen: 2.79 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.06 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:122 Resp: 22272

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.2	133.8#
121	0.0	45.2	67.8#



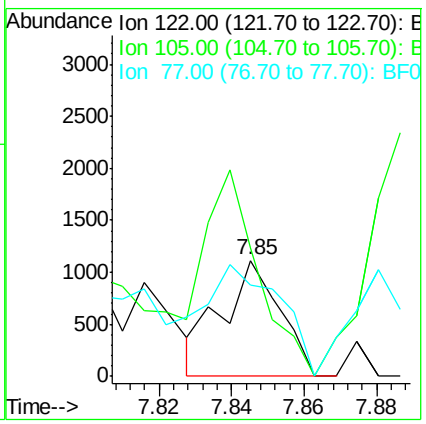


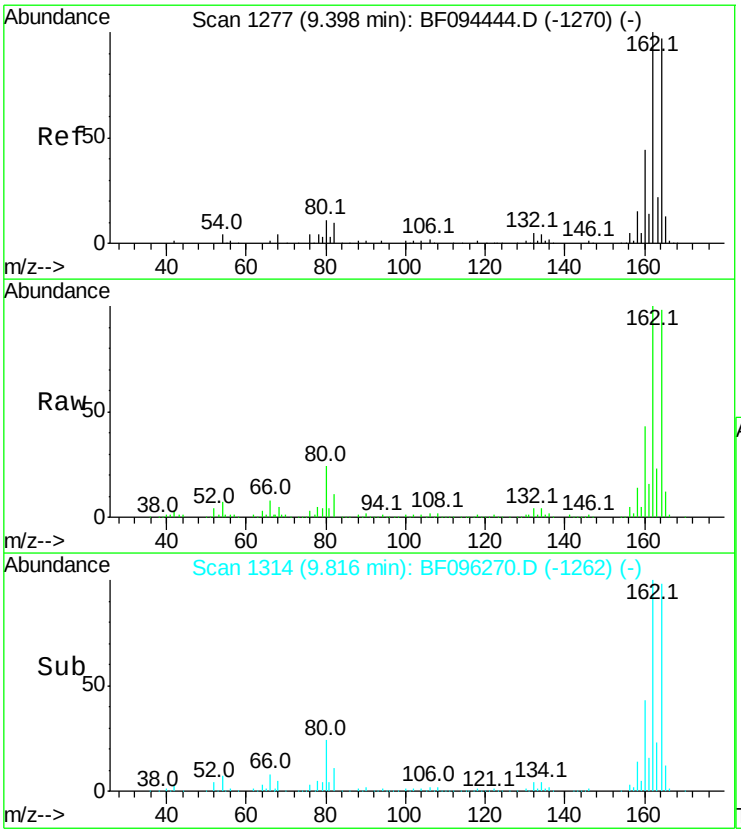
#32
Benzoic acid
Concen: 8.96 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1233

Ion	Ratio	Lower	Upper
122	100		
105	110.7	103.3	143.3
77	79.0	73.7	113.7

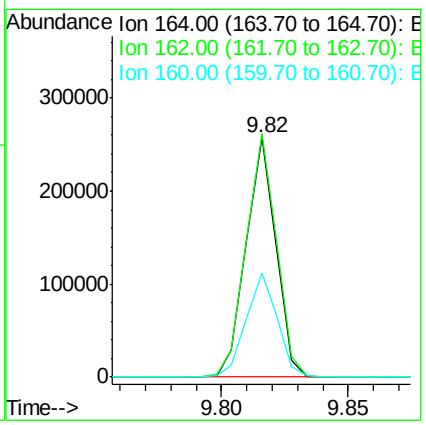


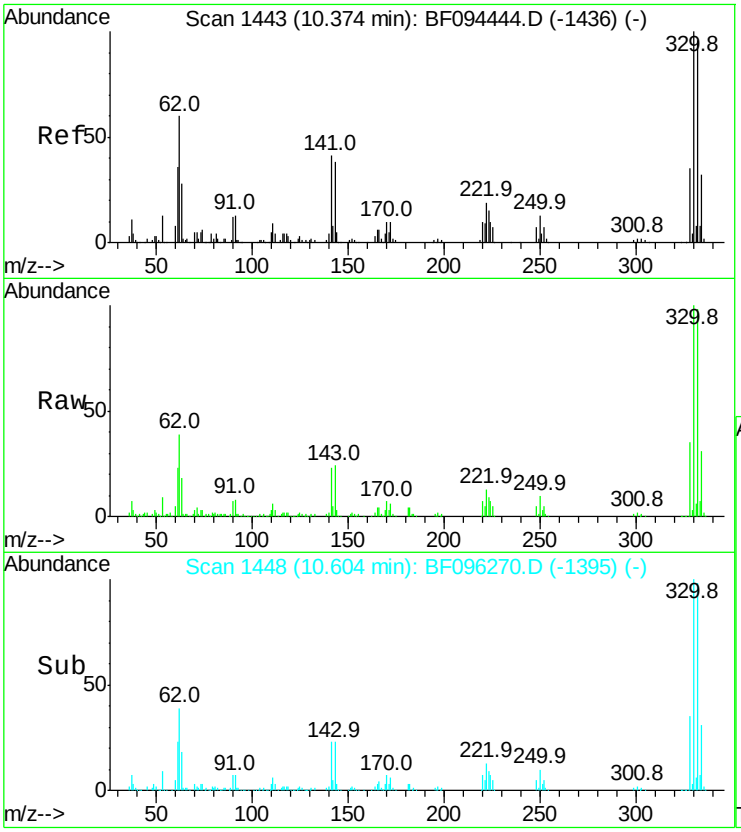


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:164 Resp: 211536

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.2	36.2	54.2



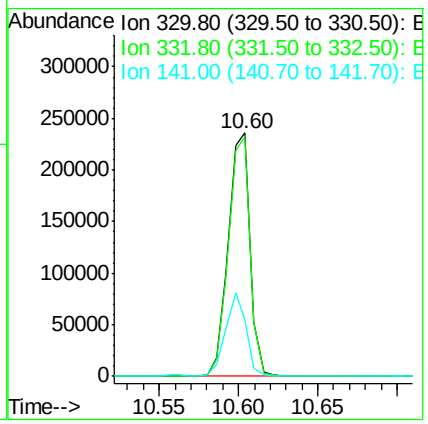


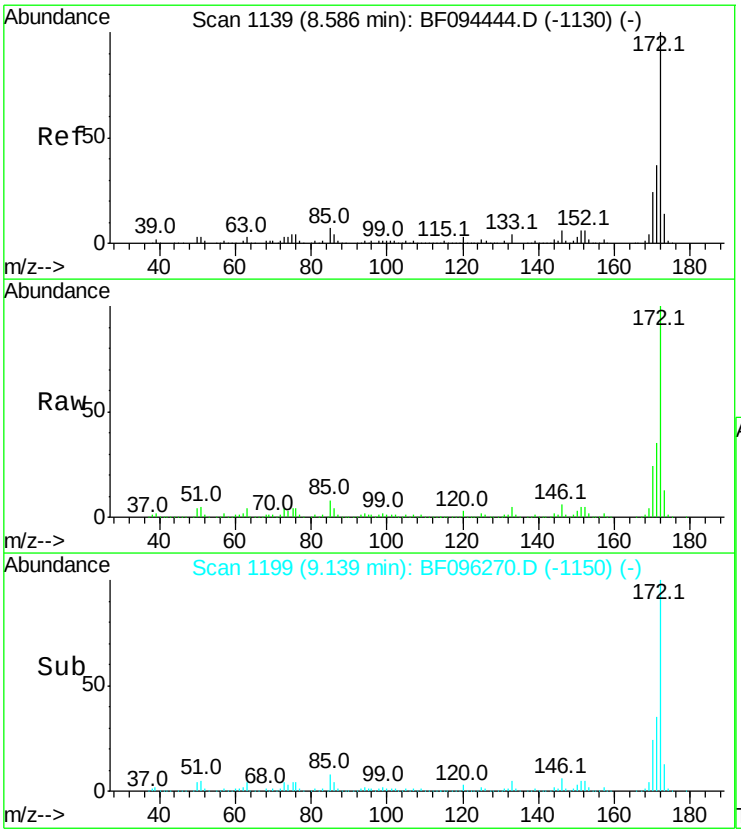
#41
2,4,6-Tribromophenol
Concen: 134.57 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 224030

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	31.9	31.4	47.2

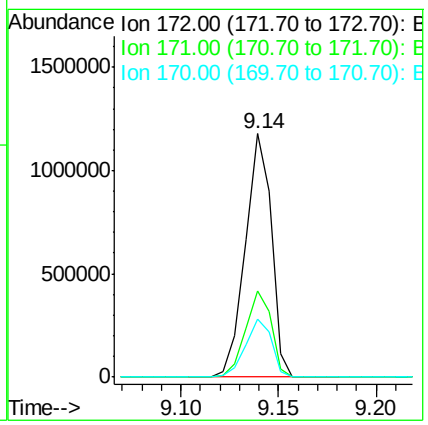


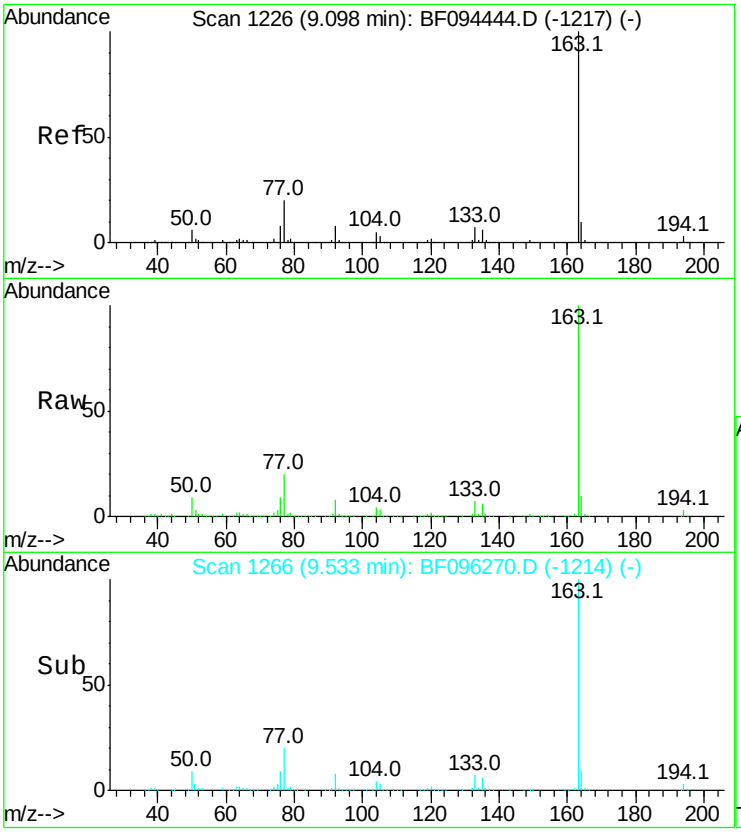


#44
2-Fluorobiphenyl
Concen: 94.41 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:172 Resp: 1090510

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.8	19.8	29.8



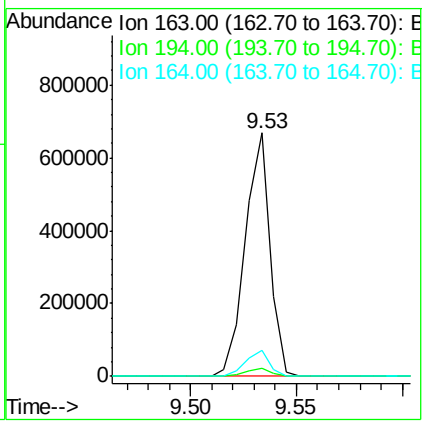


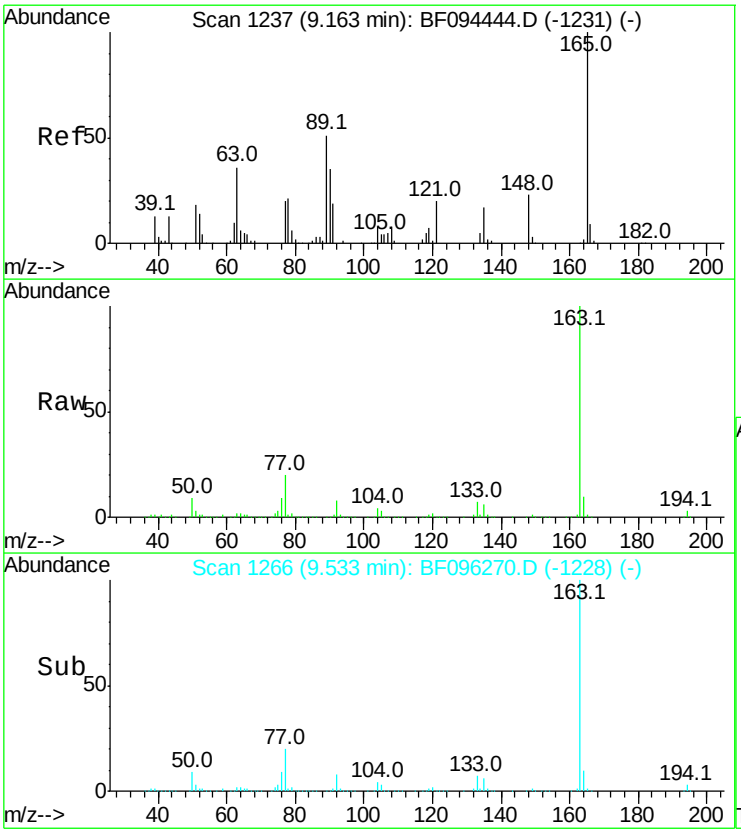
#49
Dimethylphthalate
Concen: 36.12 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 546735

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.4	12.6

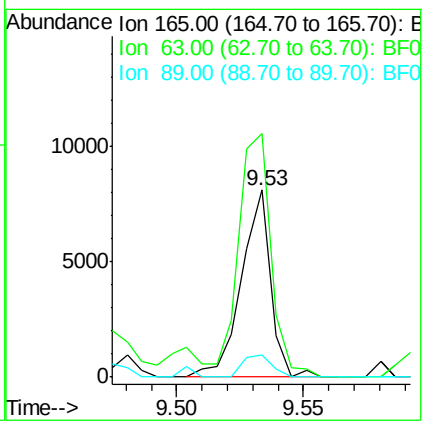


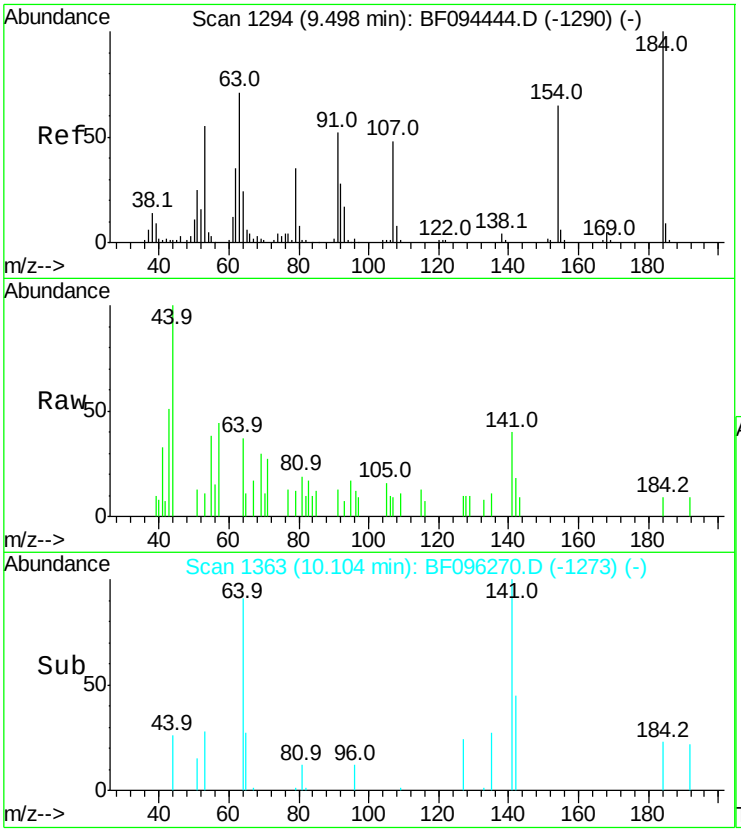


#50
2,6-Dinitrotoluene
Concen: 2.07 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.08 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:165 Resp: 6534

Ion	Ratio	Lower	Upper
165	100		
63	130.2	34.3	51.5#
89	11.8	37.1	55.7#



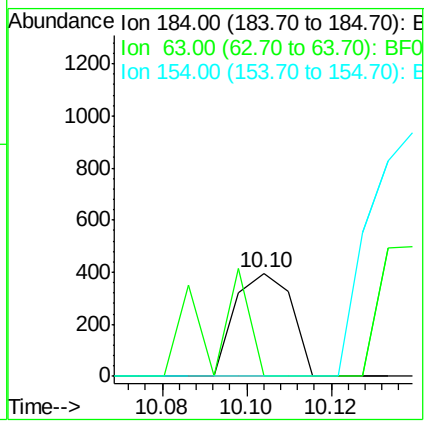


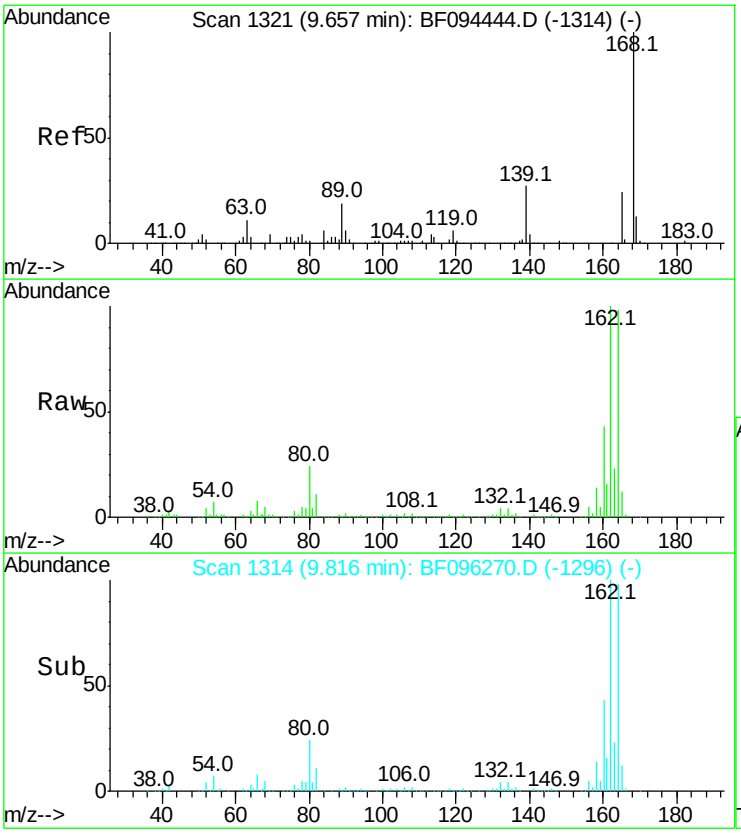
#53
2,4-Dinitrophenol
Concen: 7.90 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.23 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 368

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#

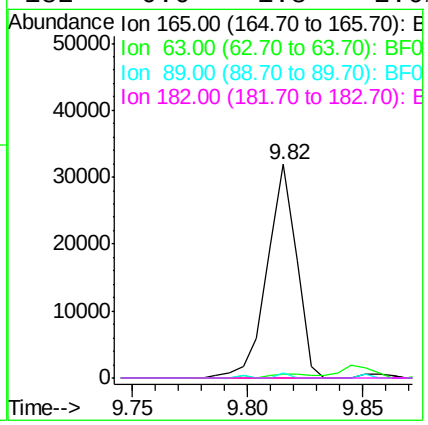


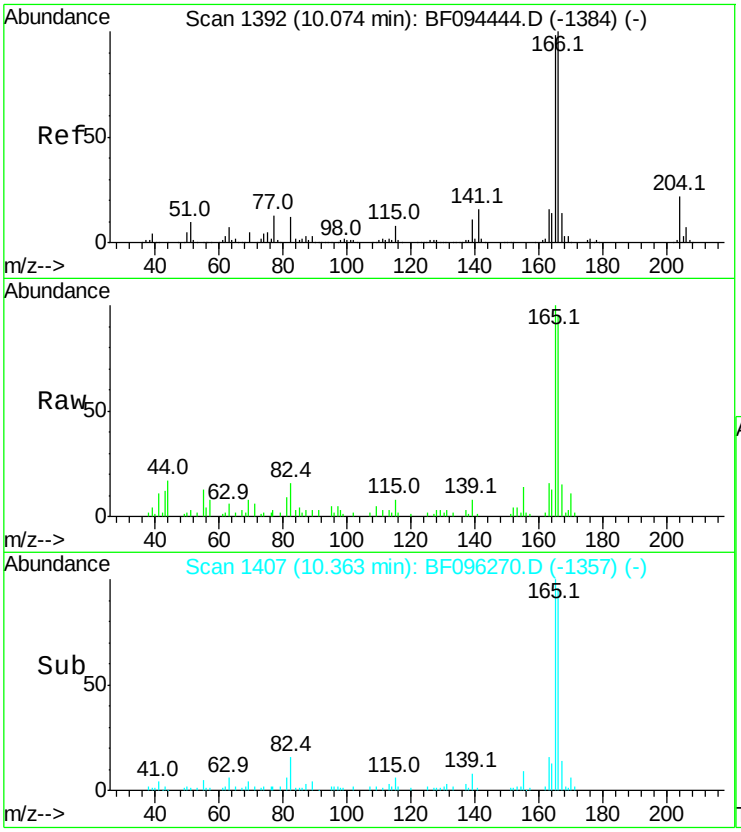


#56
2,4-Dinitrotoluene
Concen: 7.12 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:165 Resp: 28270

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



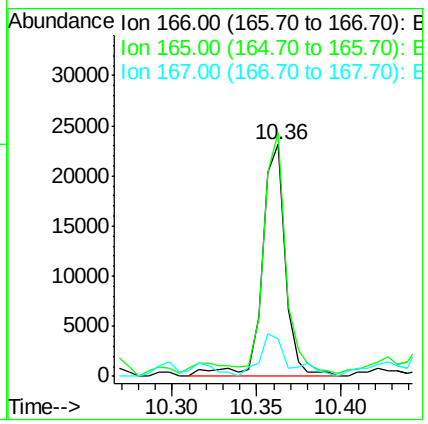


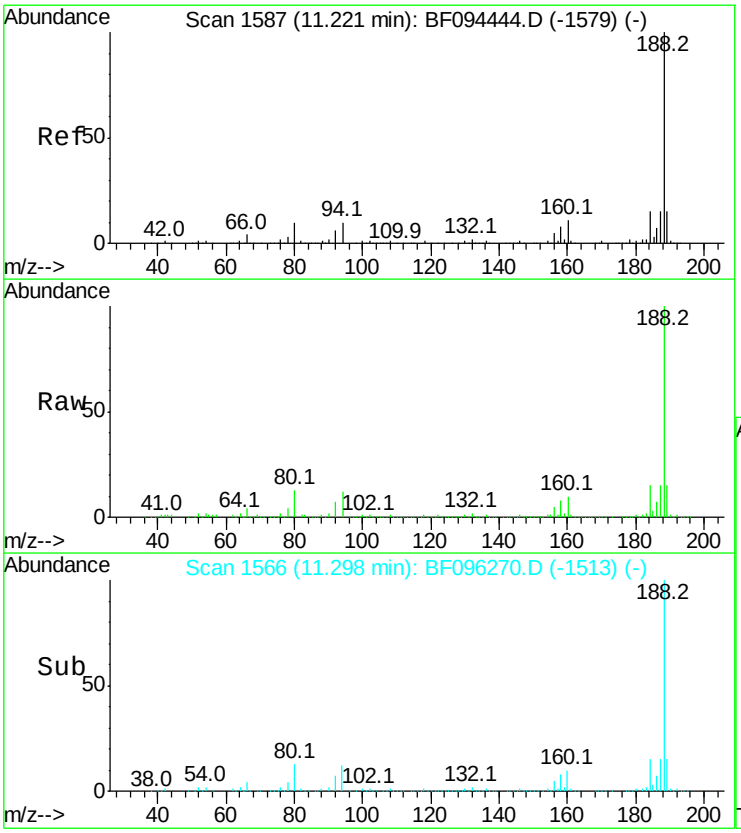
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 22152

Ion	Ratio	Lower	Upper
166	100		
165	105.1	78.8	118.2
167	16.0	10.6	16.0

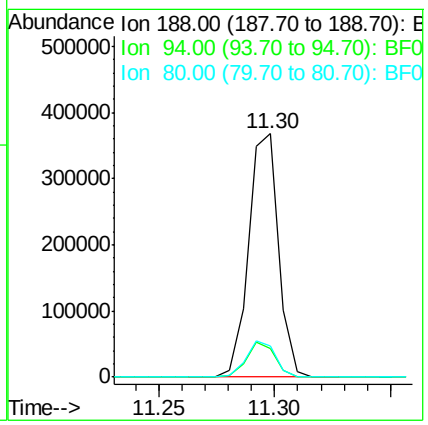


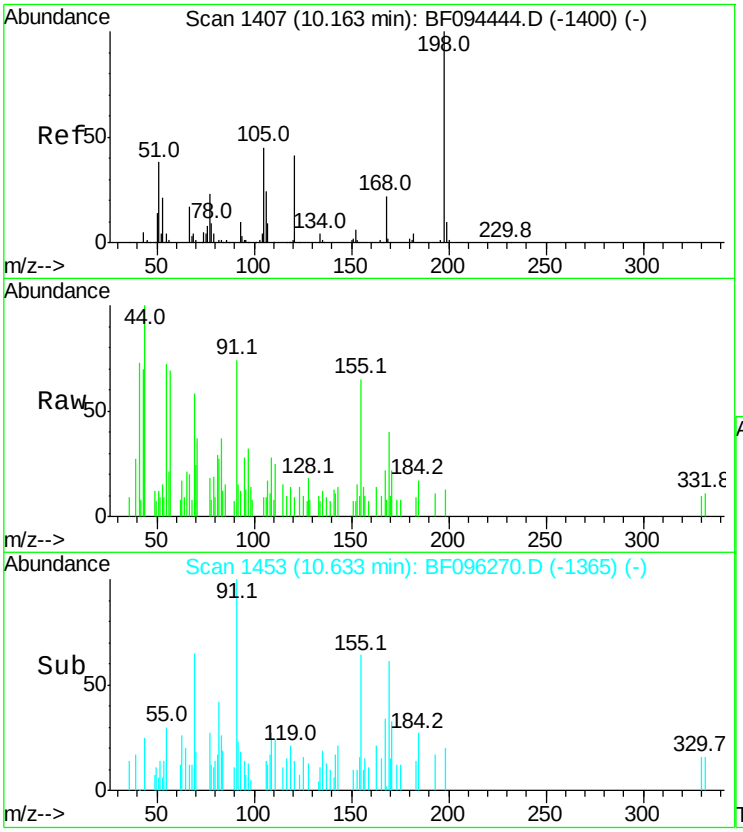


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:188 Resp: 332612

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.9	10.2	15.2



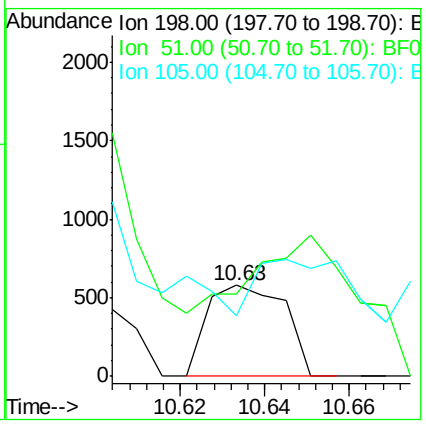


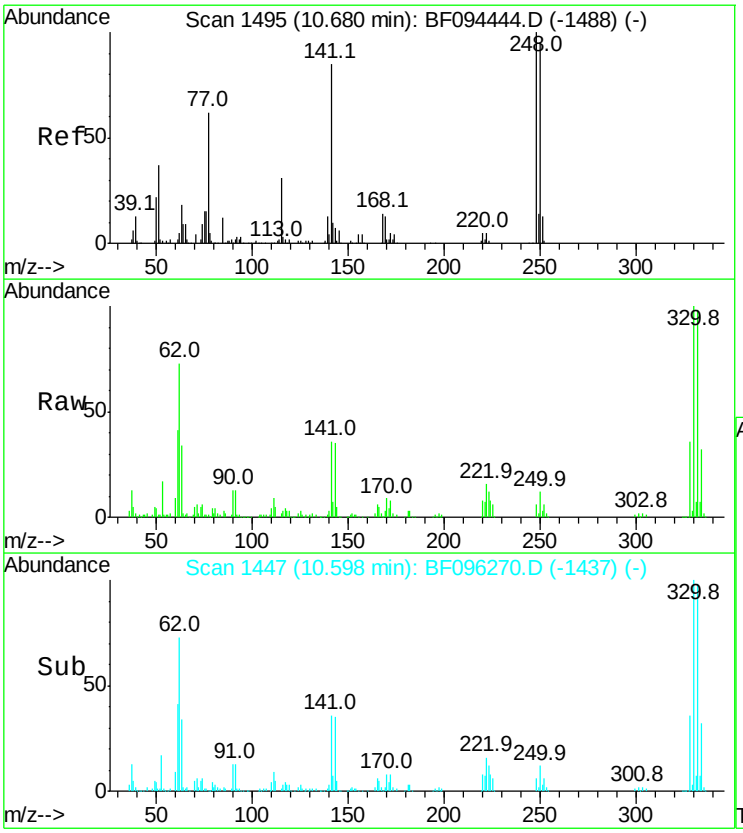
#64
4,6-Dinitro-2-methylphenol
Concen: 9.09 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.22 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 734

Ion	Ratio	Lower	Upper
198	100		
51	91.2	53.2	93.2
105	66.2	45.8	85.8

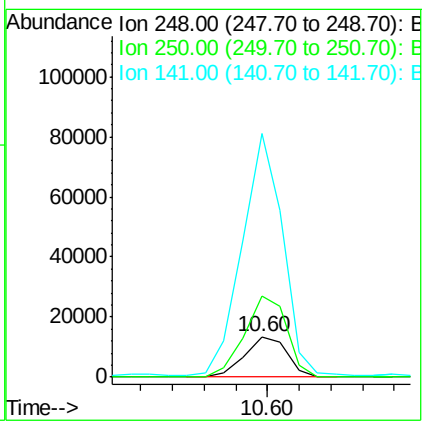


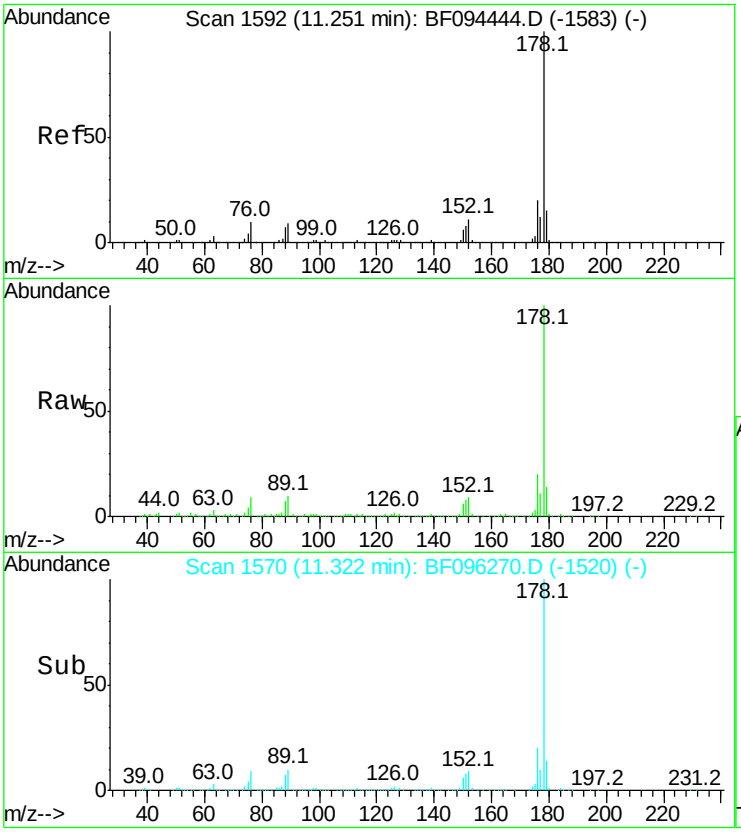


#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:248 Resp: 12229

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.8	115.2#
141	607.4	68.6	103.0#



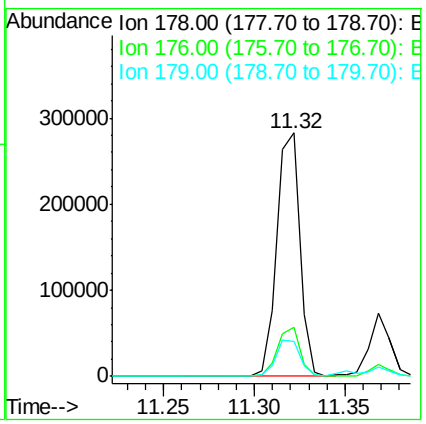


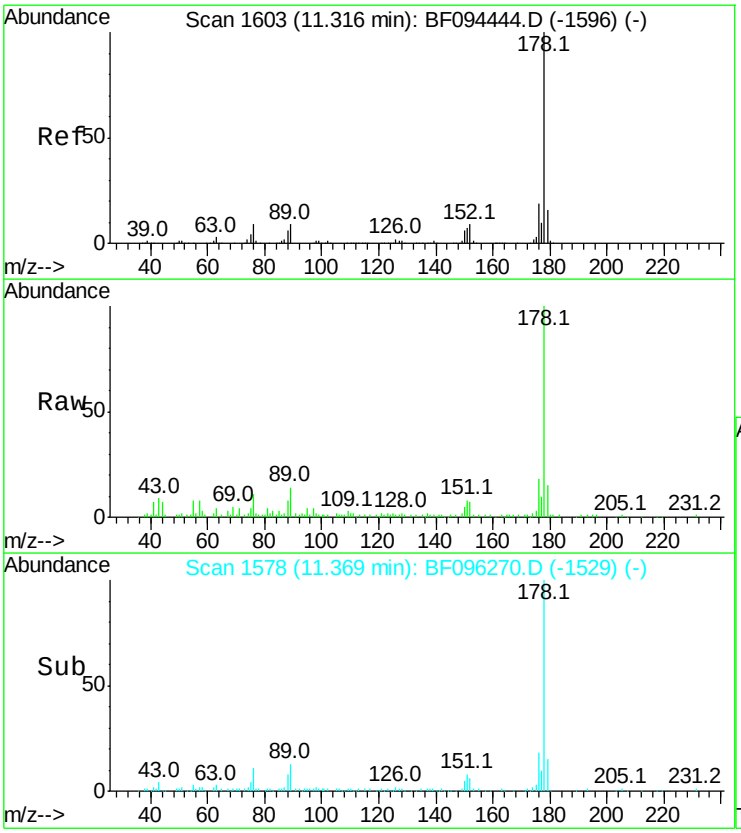
#70
Phenanthrene
Concen: 8.91 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 251245

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	14.3	12.6	19.0

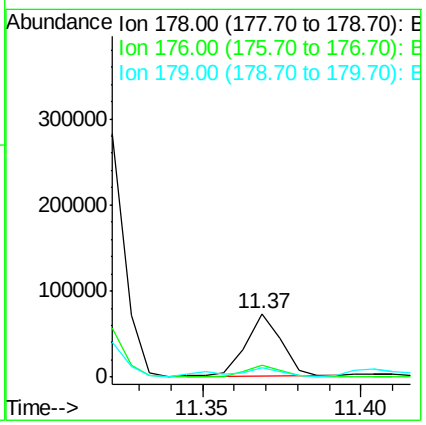


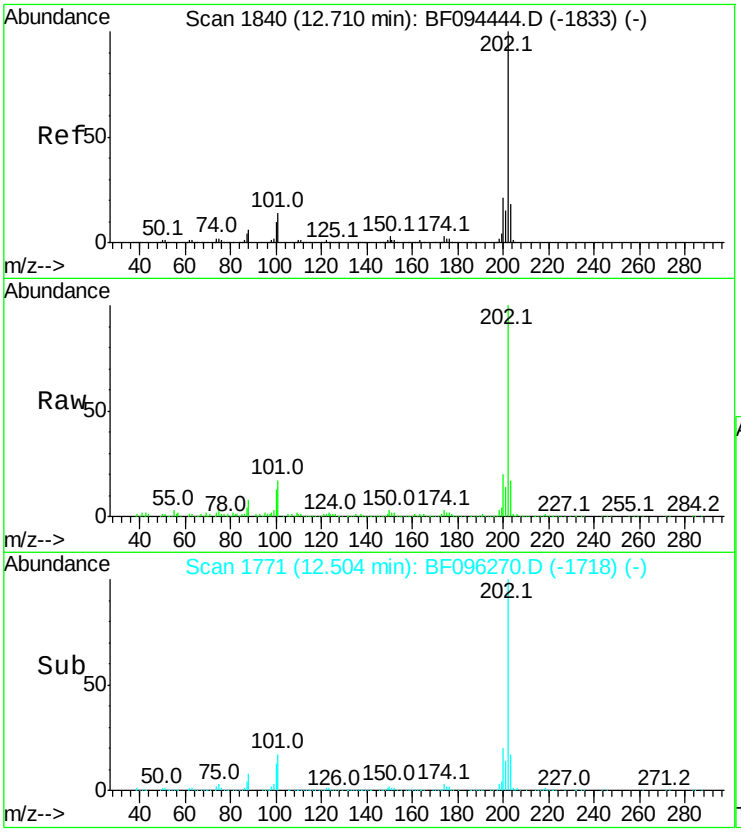


#71
Anthracene
Concen: 3.04 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:178 Resp: 56514

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.1	12.7	19.1



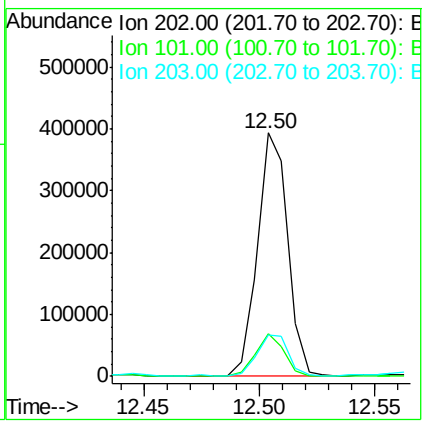


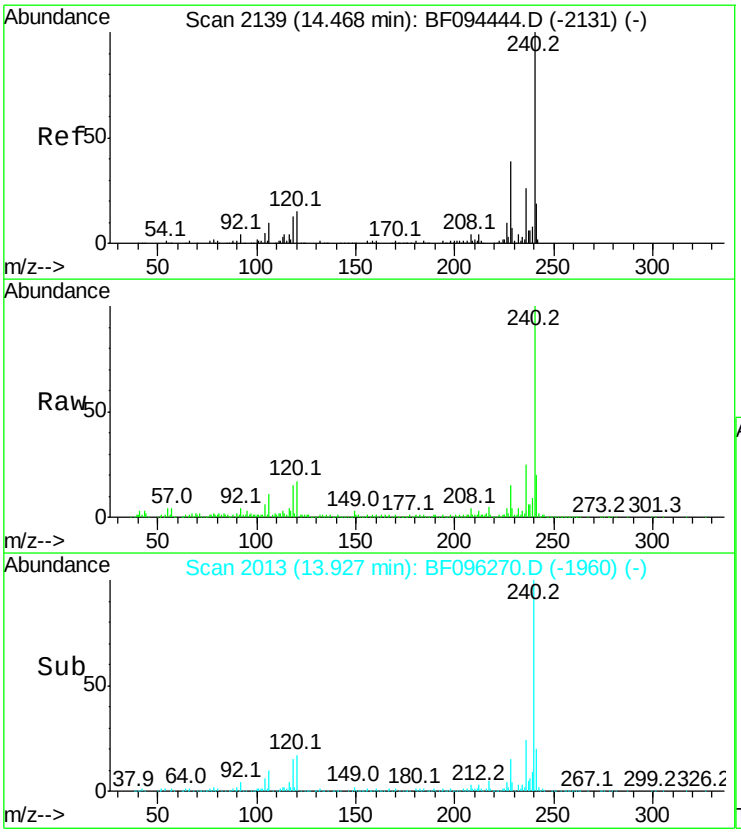
#74
Fluoranthene
Concen: 19.32 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 356894

Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	33.2
203	17.2	0.0	38.1

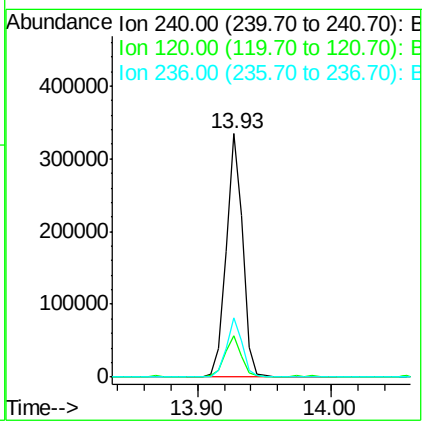


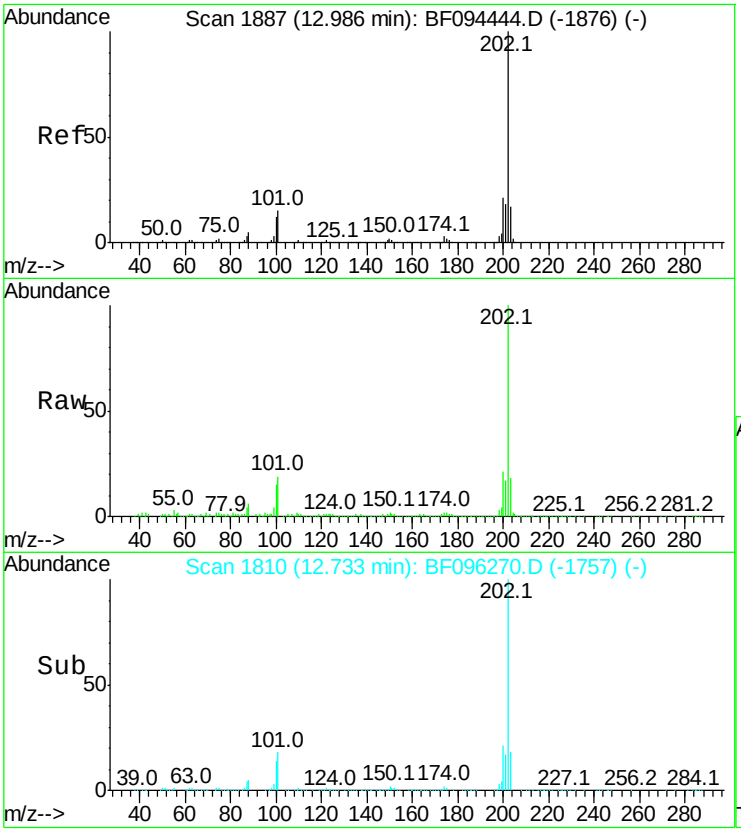


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:240 Resp: 290662

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	24.6	20.5	30.7



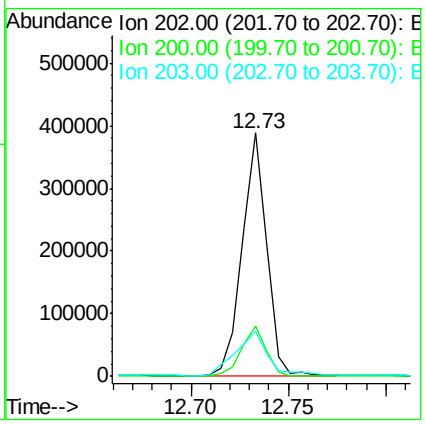


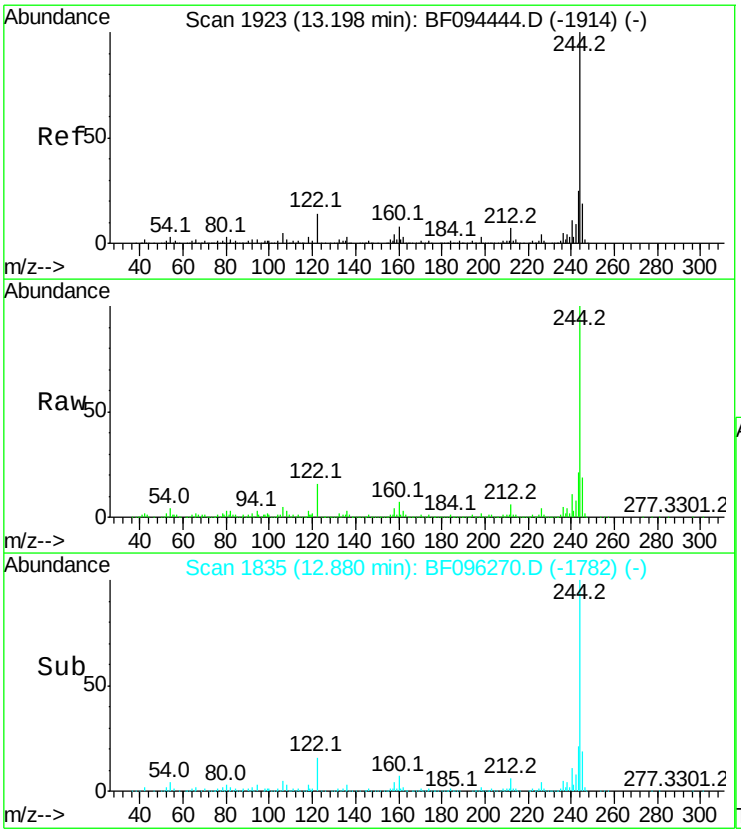
#77
Pyrene
Concen: 14.11 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 336976

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.4	14.4	21.6

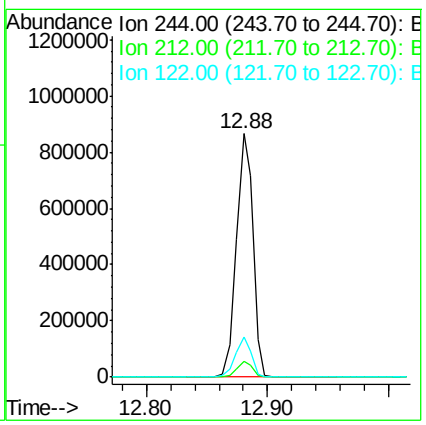


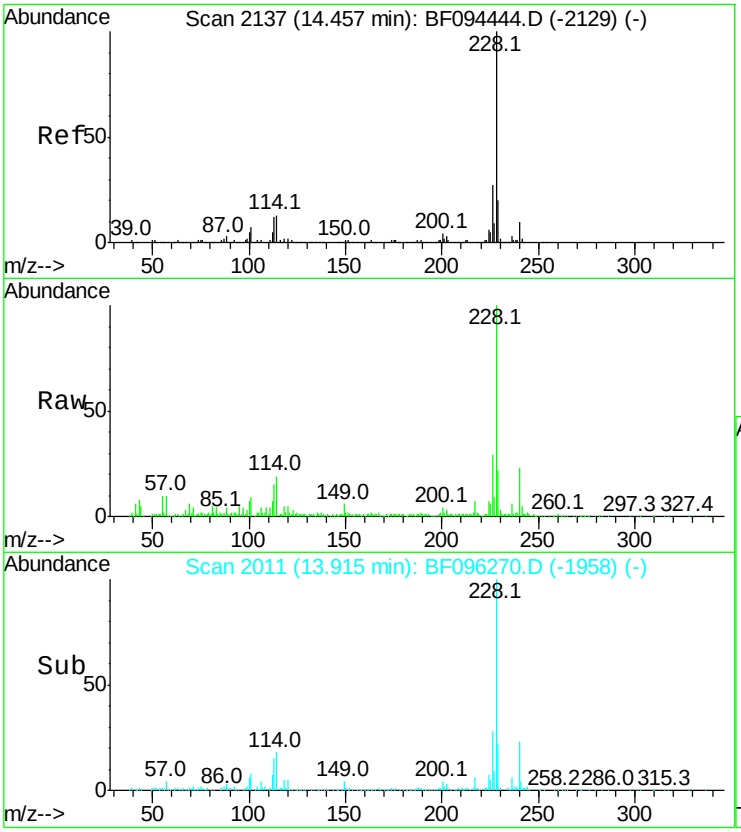


#78
Terphenyl-d14
Concen: 71.12 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:244 Resp: 828413

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	16.3	10.3	15.5#



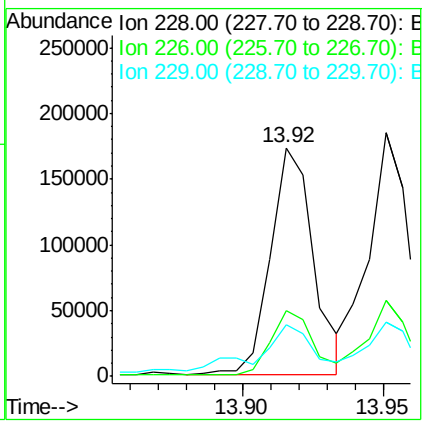


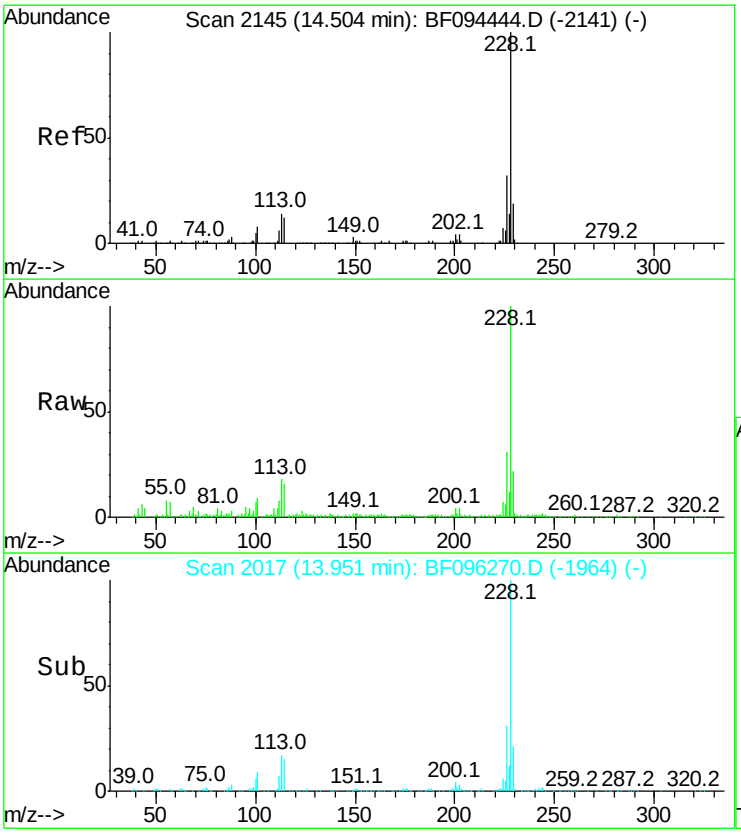
#80
Benzo(a)anthracene
Concen: 10.25 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 181587

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	22.3	16.3	24.5

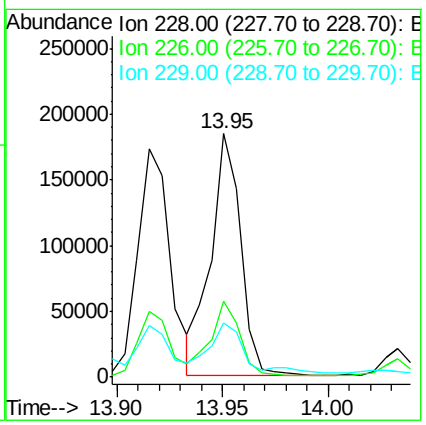


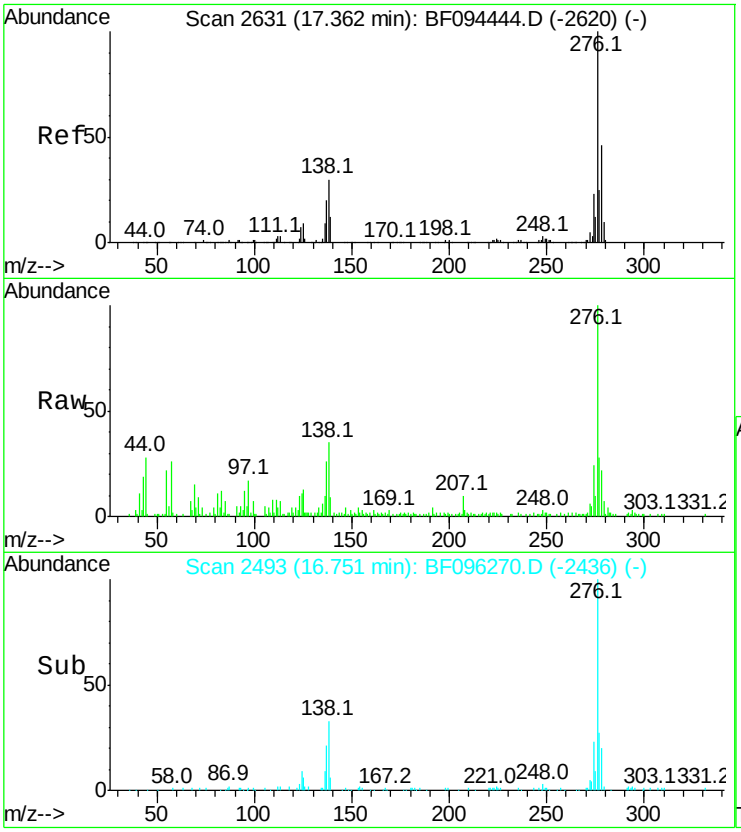


#82
Chrysene
Concen: 9.92 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:228 Resp: 181756

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.2	15.8	23.6



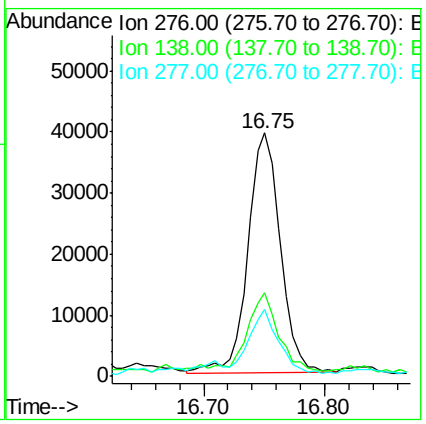


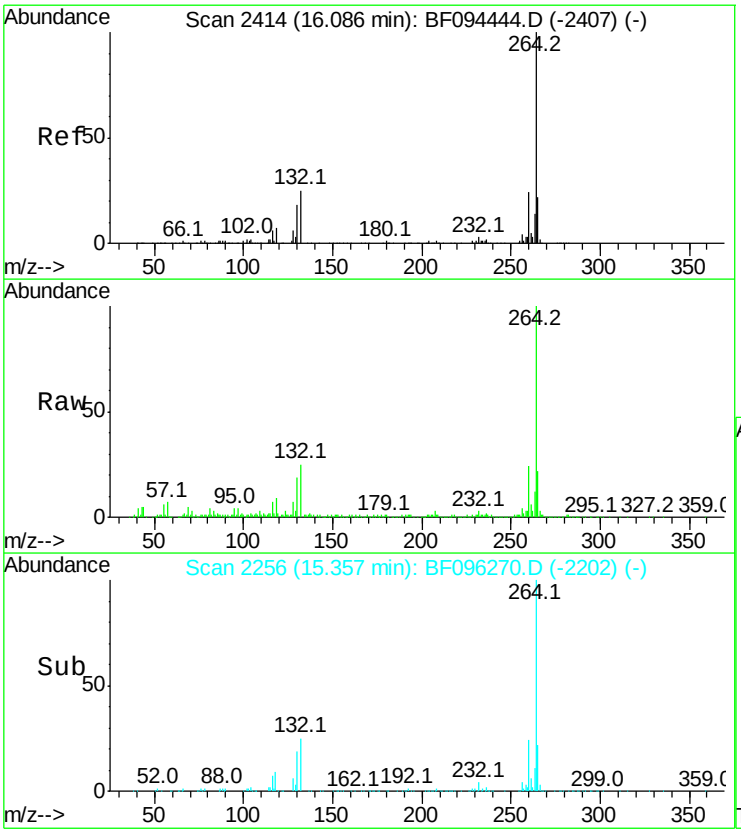
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.86 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 73923

Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	23.8	20.2	30.4

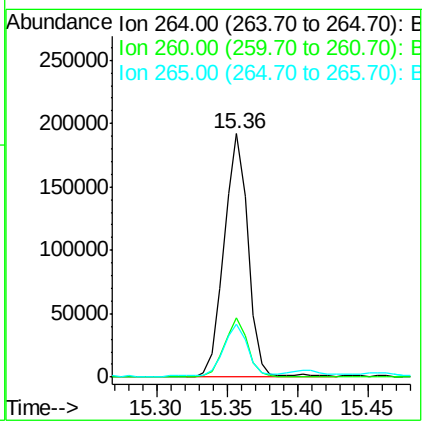


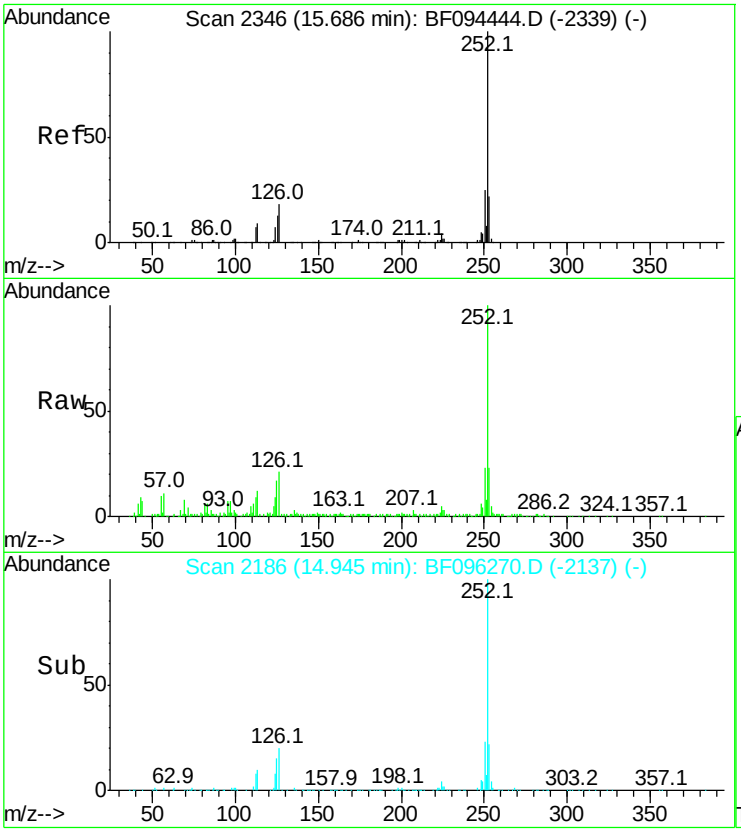


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:264 Resp: 224733

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	17.2	25.8



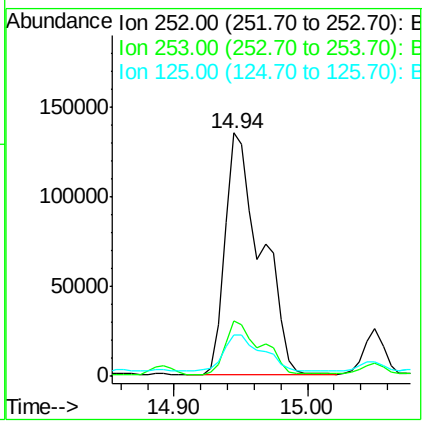


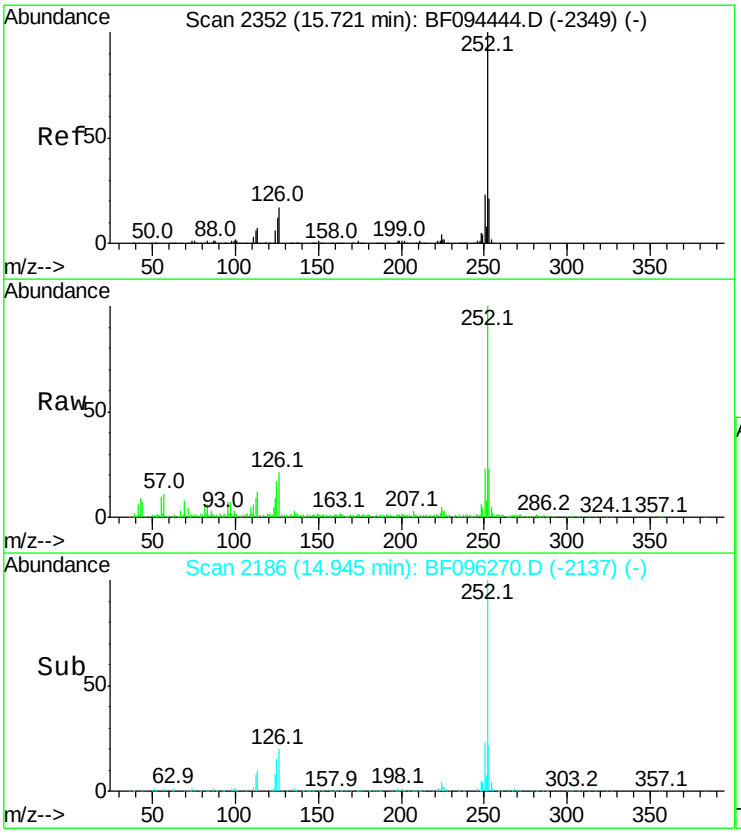
#87
Benzo(b)fluoranthene
Concen: 17.27 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 254970

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	17.1	9.8	14.8#

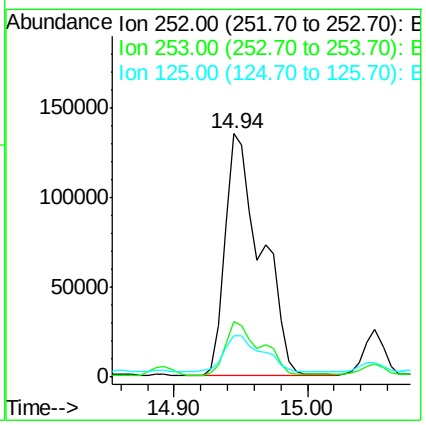


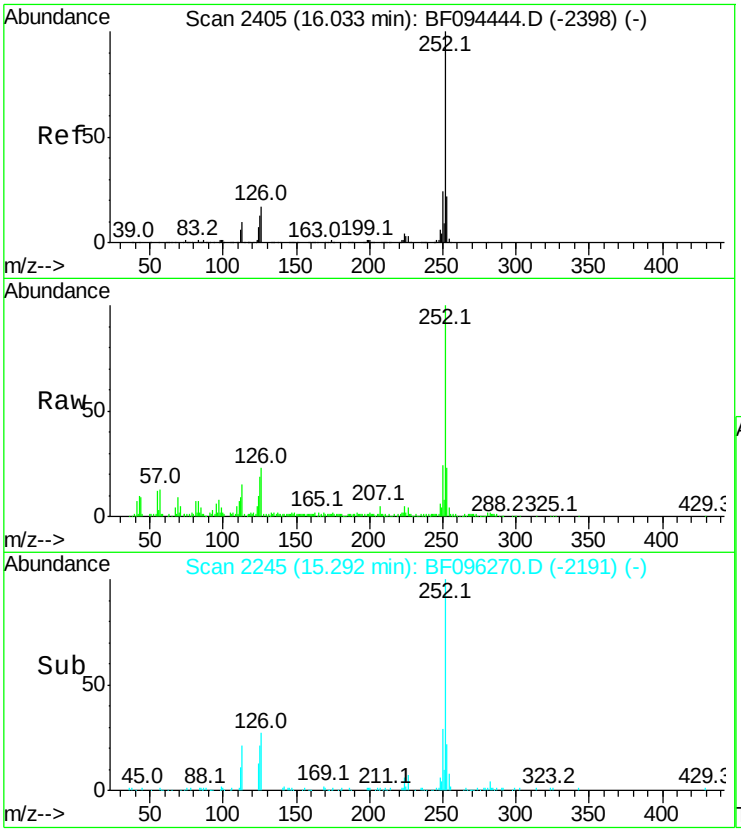


#88
Benzo(k)fluoranthene
Concen: 18.92 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:252 Resp: 254970

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	17.1	13.1	19.7



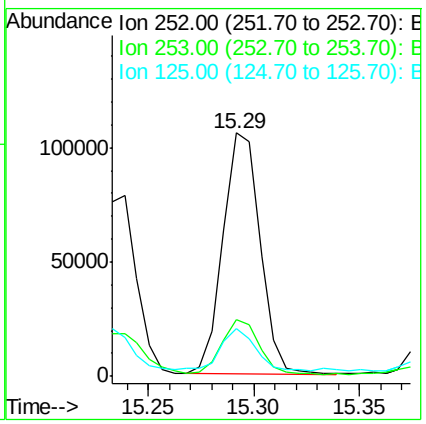


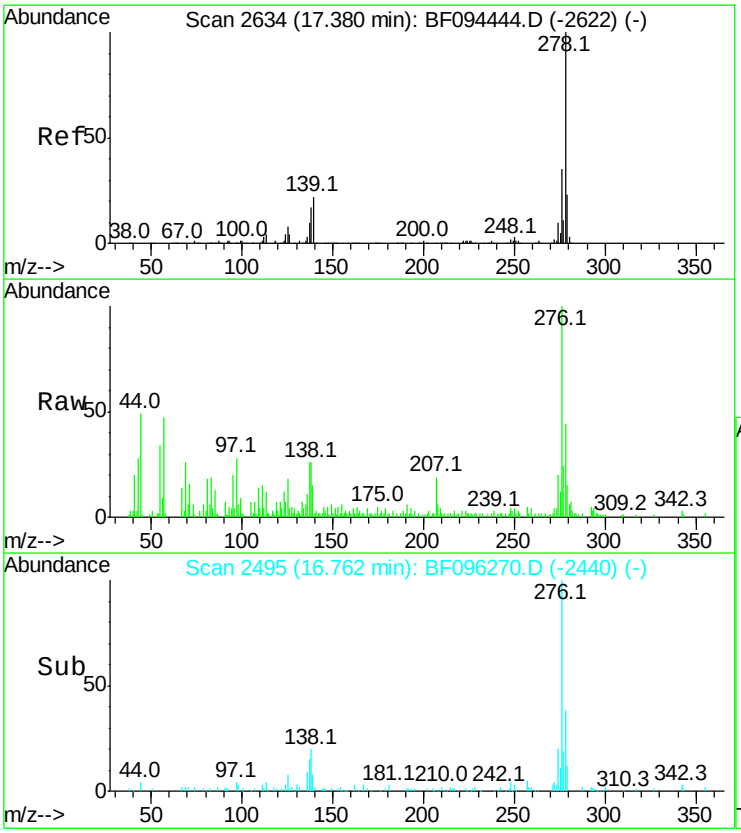
#89
Benzo(a)pyrene
Concen: 9.83 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 128201

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	19.4	11.0	16.4#

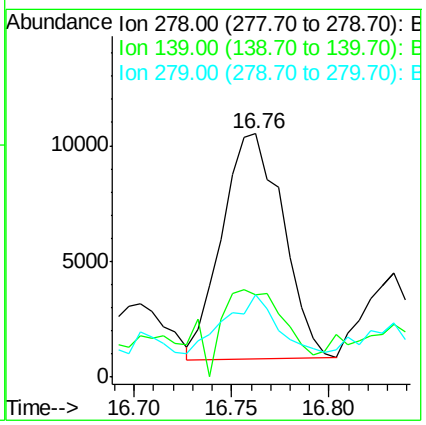


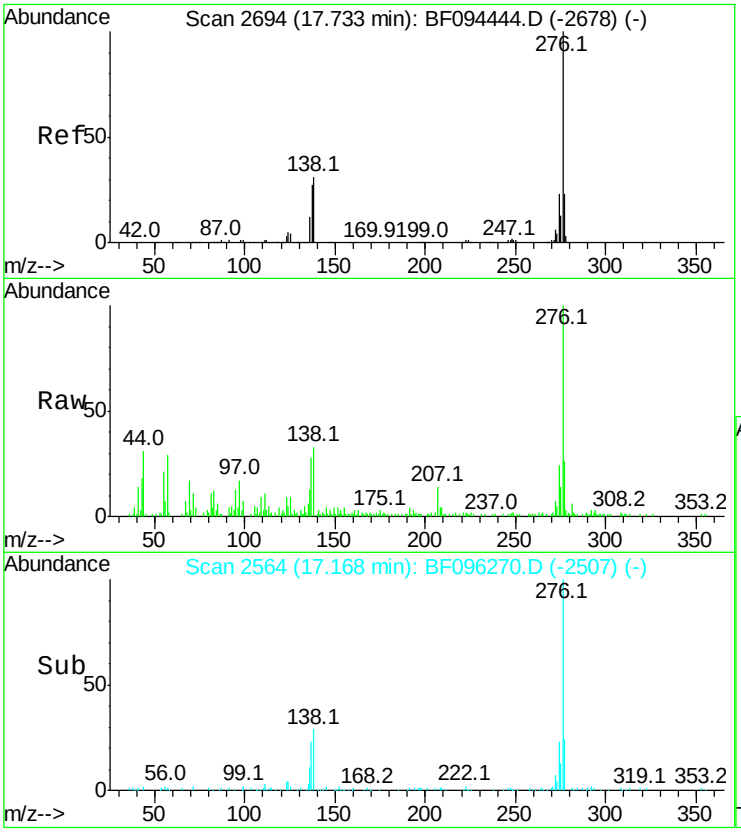


#90
Dibenzo(a,h)anthracene
Concen: 2.06 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.02 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Tgt Ion:278 Resp: 21014

Ion	Ratio	Lower	Upper
278	100		
139	34.0	16.6	24.8#
279	33.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 6.81 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BF096270.D
Acq: 29 Jun 2017 1:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 72254

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	33.0	25.4	38.0