Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086694.D
Acq On : 4 May 2016 23:31
Operator : UM/SJ
Sample : H2715-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-4-CS-1(0-8FTBGS)

Quant Time: May 05 01:38:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	161242	40.00	ng		0.00
21) Naphthalene-d8	8.03	136	573307	40.00	ng		0.00
38) Acenaphthene-d10	9.78	164	241543	40.00	ng		0.00
63) Phenanthrene-d10	11.25	188	353683	40.00	ng		0.00
75) Chrysene-d12	13.89	240	329682	40.00	ng		0.01
86) Perylene-d12	15.28	264	249253	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1219675	125.23	ng		0.01
7) Phenol-d6	6.38	99	1594055	121.50	ng		0.01
23) Nitrobenzene-d5	7.31	82	1165148	104.44	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	296801	125.61	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1401486	95.11	ng		0.00
78) Terphenyl-d14	12.84	244	944325	57.89	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.90	79	21264	2.51	ng	#	39
19) n-Nitroso-di-n-propylamine	7.31	70	168668	18.82	ng	#	75
31) Naphthalene	8.04	128	66562	2.27	ng		98
32) Benzoic acid	7.82	122	252	8.47	ng	#	32
37) 2-Methylnaphthalene	8.74	142	35927	2.08	ng		99
49) Dimethylphthalate	9.50	163	156152	8.67	ng		98
51) Acenaphthene	9.80	154	77890	5.22	ng		96
54) Dibenzofuran	9.98	168	79697	4.31	ng		94
55) 4-Nitrophenol	9.98	139	32243	12.59	ng	#	17
57) Fluorene	10.32	166	104434	6.97	ng		97
64) 4,6-Dinitro-2-methylphenol	10.57	198	772	5.70	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	18641	5.30	ng	#	1
70) Phenanthrene	11.29	178	967593	50.93	ng		99
71) Anthracene	11.33	178	311389	15.65	ng		99
72) Carbazole	11.49	167	58369	3.38	ng		98
74) Fluoranthene	12.46	202	943852	49.58	ng		100
76) Benzidine	12.84	184	14945	8.50	ng		94
77) Pyrene	12.69	202	896420	34.11	ng		99
80) Benzo(a)anthracene	13.88	228	540410	28.98	ng		100
82) Chrysene	13.88	228	540410	27.17	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	124592	7.30	ng	#	90
87) Benzo(b)fluoranthene	14.89	252	536386	35.81	ng		97
88) Benzo(k)fluoranthene	14.89	252	536386	38.01	ng	#	95
89) Benzo(a)pyrene	15.22	252	281057	20.37	ng	#	94
90) Dibenzo(a,h)anthracene	16.60	278	29337	2.21	ng	#	84
91) Benzo(g,h,i)perylene	16.99	276	113214	8.14	ng		97

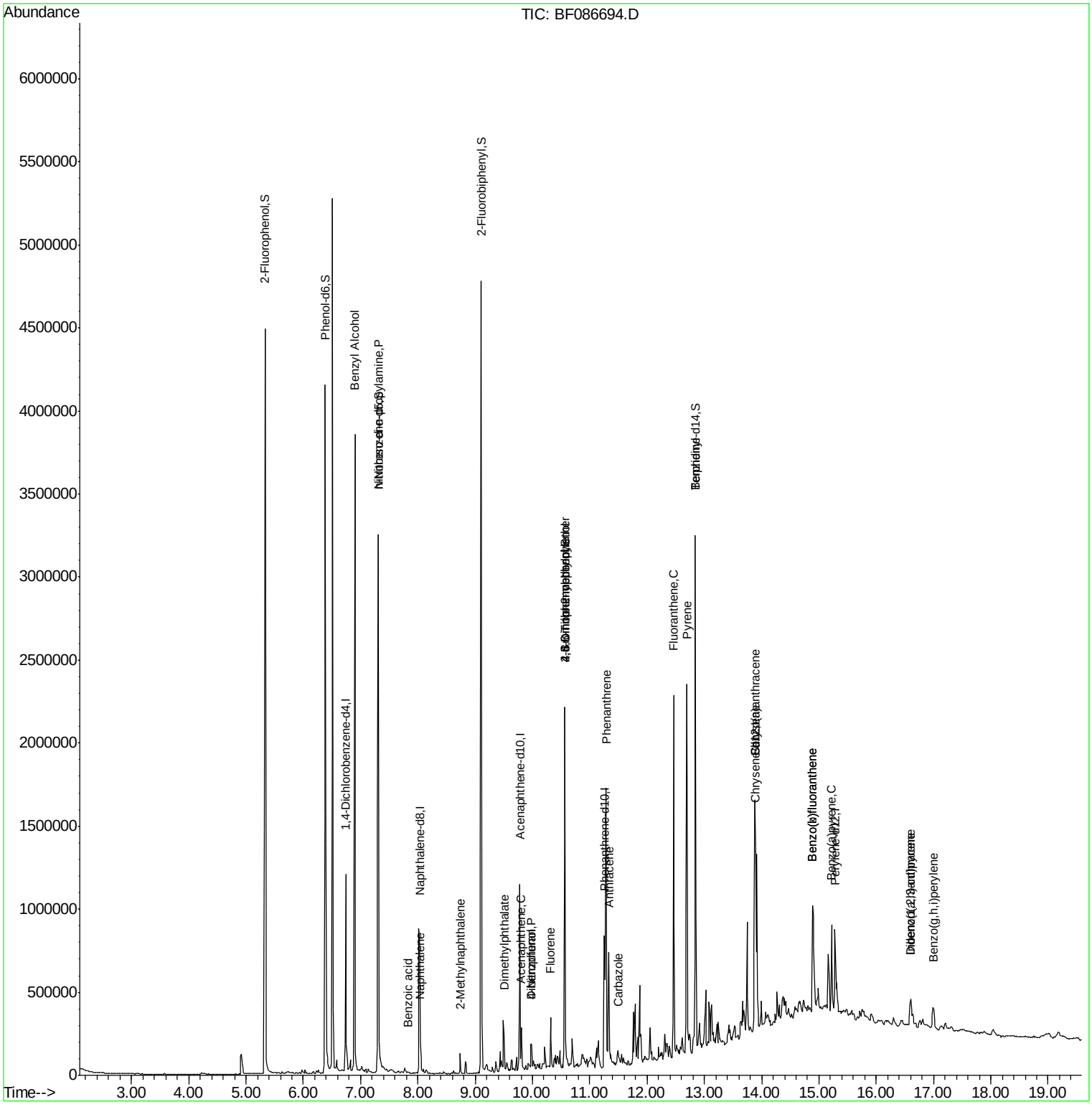
(#) = qualifier out of range (m) = manual integration (+) = signals summed

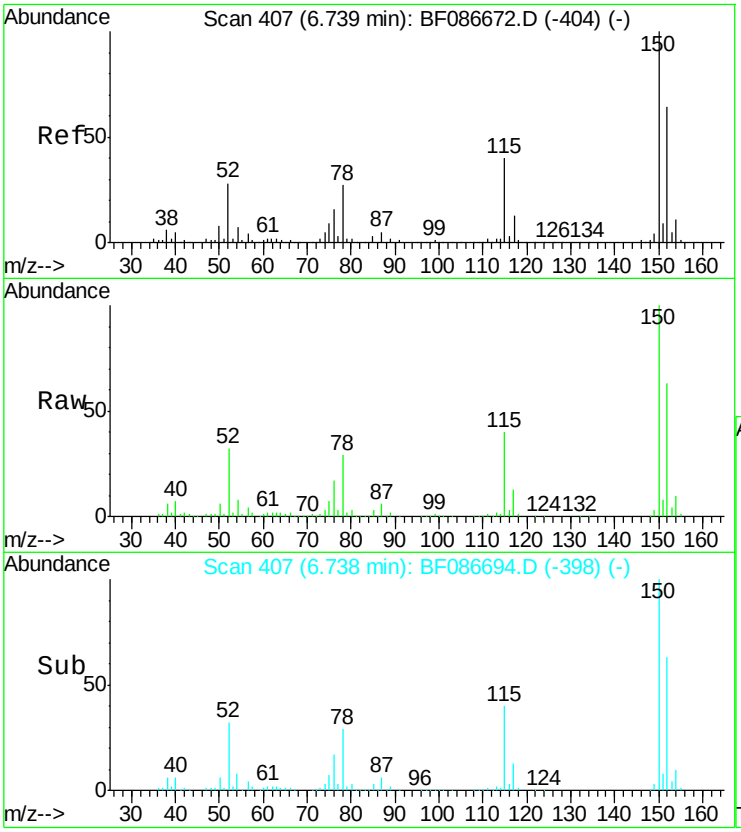
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
Data File : BF086694.D
Acq On : 4 May 2016 23:31
Operator : UM/SJ
Sample : H2715-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Quant Time: May 05 01:38:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



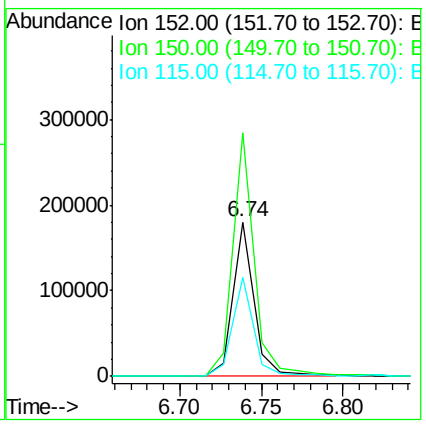


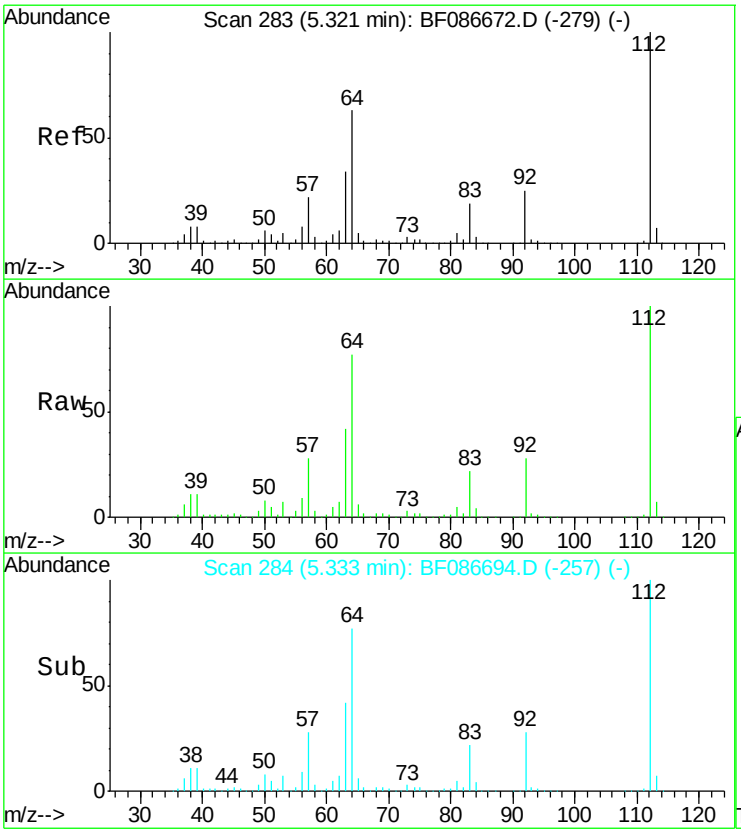
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:152 Resp: 161242

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	63.9	51.5	77.3

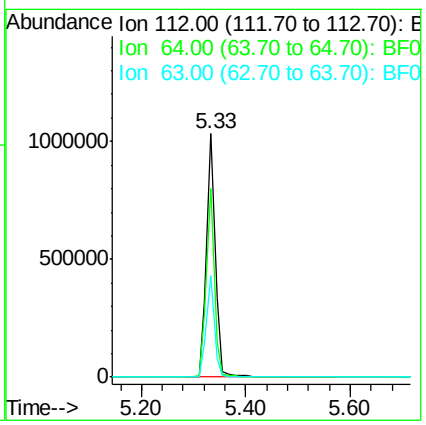


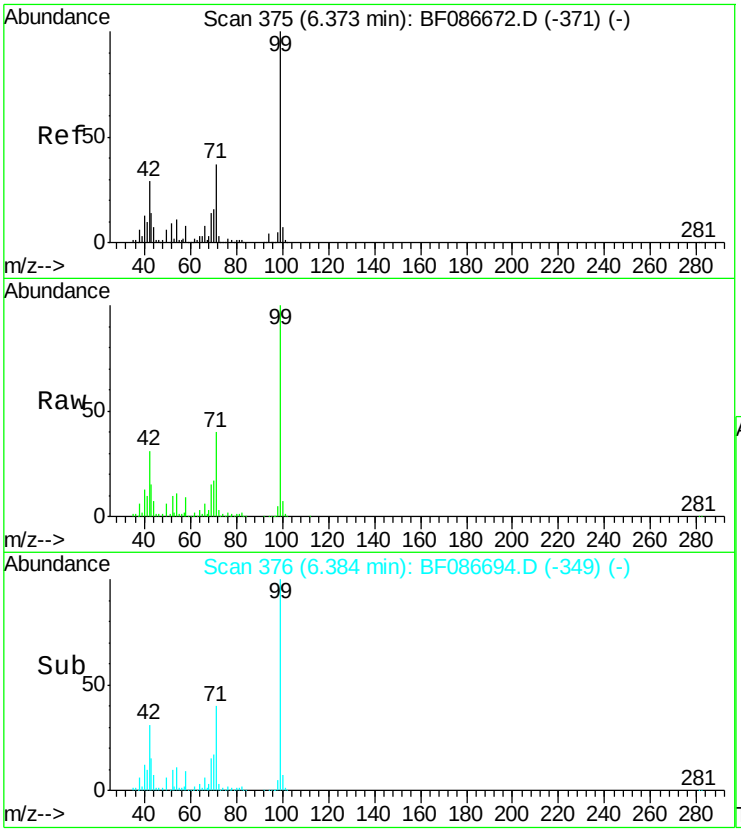


#5
2-Fluorophenol
Concen: 125.23 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:112 Resp: 1219675

Ion	Ratio	Lower	Upper
112	100		
64	77.3	52.1	78.1
63	41.7	25.7	38.5#



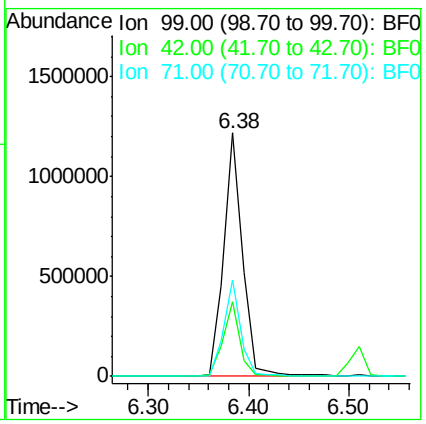


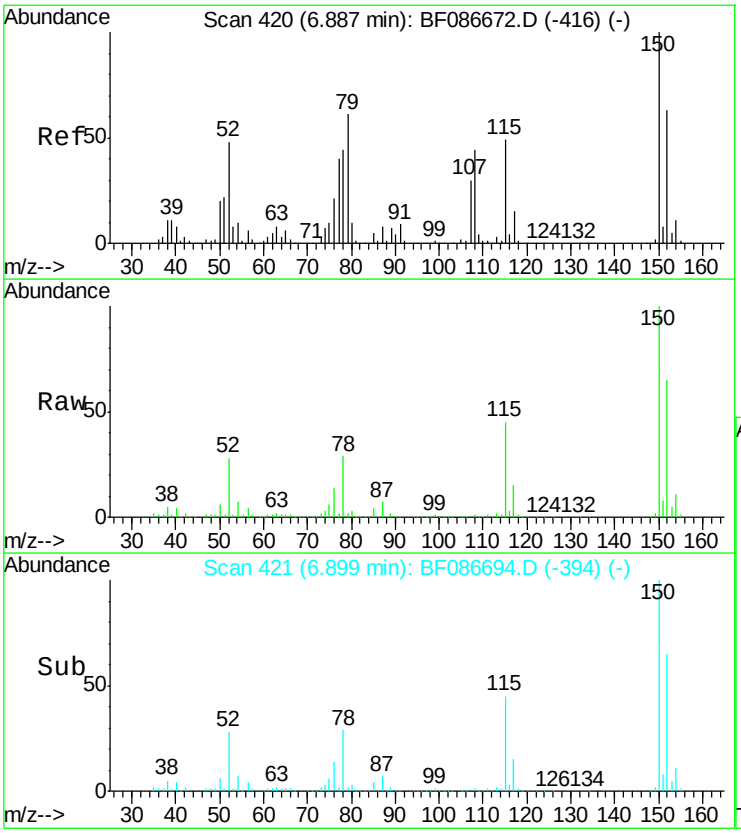
#7
Phenol-d6
Concen: 121.50 ng
RT: 6.38 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion: 99 Resp: 1594055

Ion	Ratio	Lower	Upper
99	100		
42	30.8	13.6	20.4#
71	39.5	24.6	36.8#

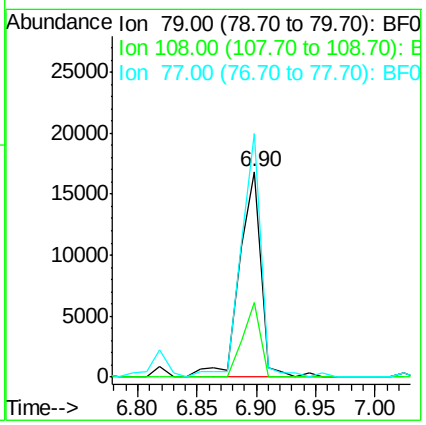


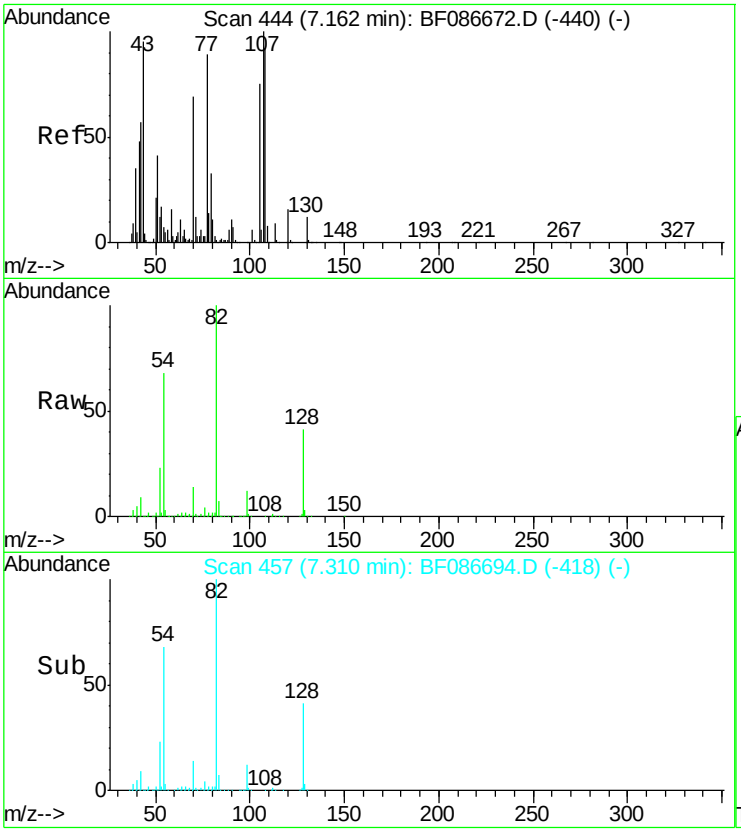


#15
Benzyl Alcohol
Concen: 2.51 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion: 79 Resp: 21264

Ion	Ratio	Lower	Upper
79	100		
108	36.5	68.4	102.6#
77	118.5	50.6	76.0#



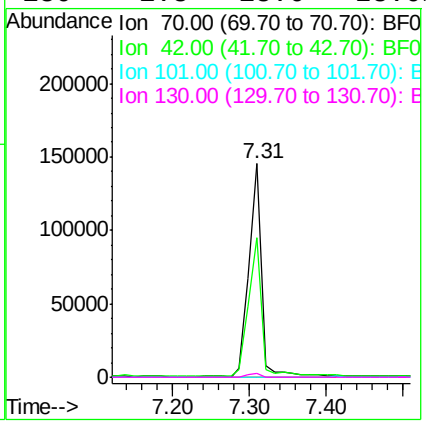


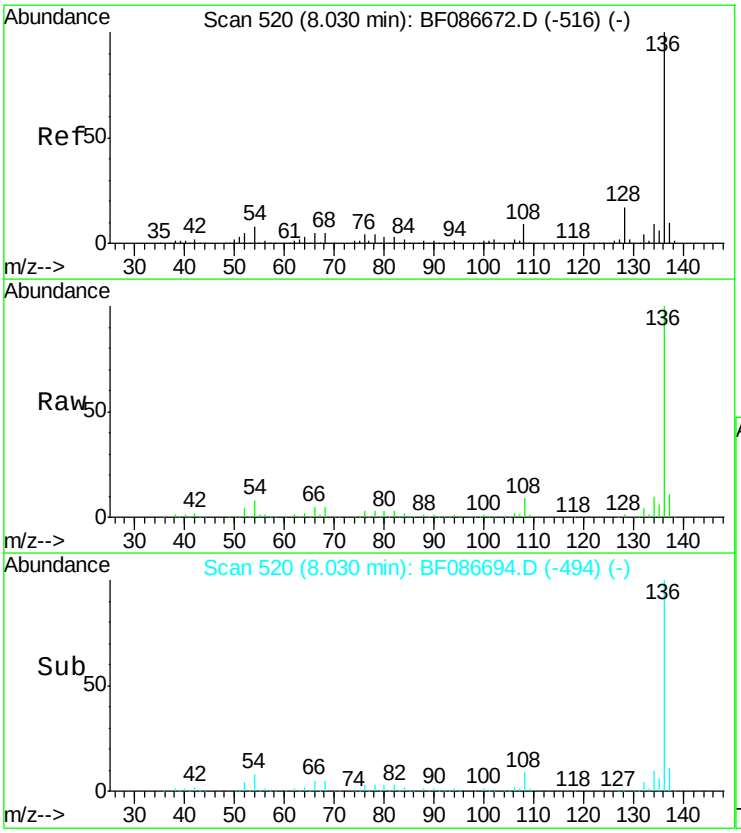
#19
n-Nitroso-di-n-propylamine
Concen: 18.82 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion: 70 Resp: 168668

Ion	Ratio	Lower	Upper
70	100		
42	65.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#

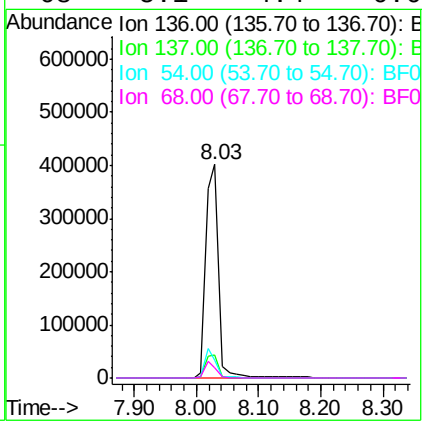


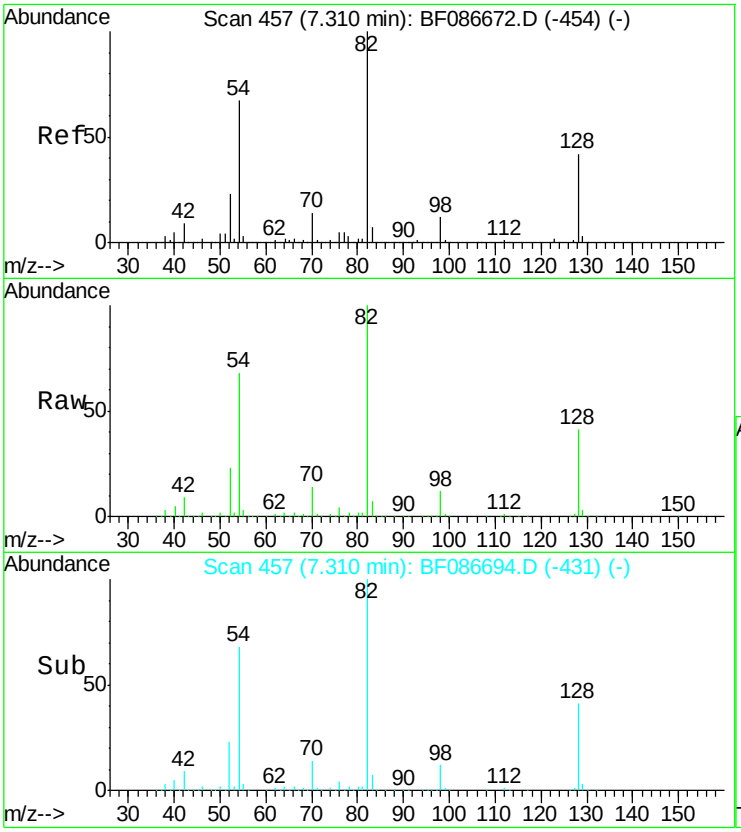


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:136 Resp: 573307

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.3	5.0	7.4#
68	5.1	4.4	6.6



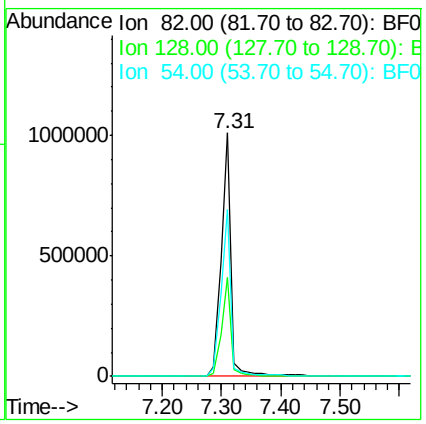


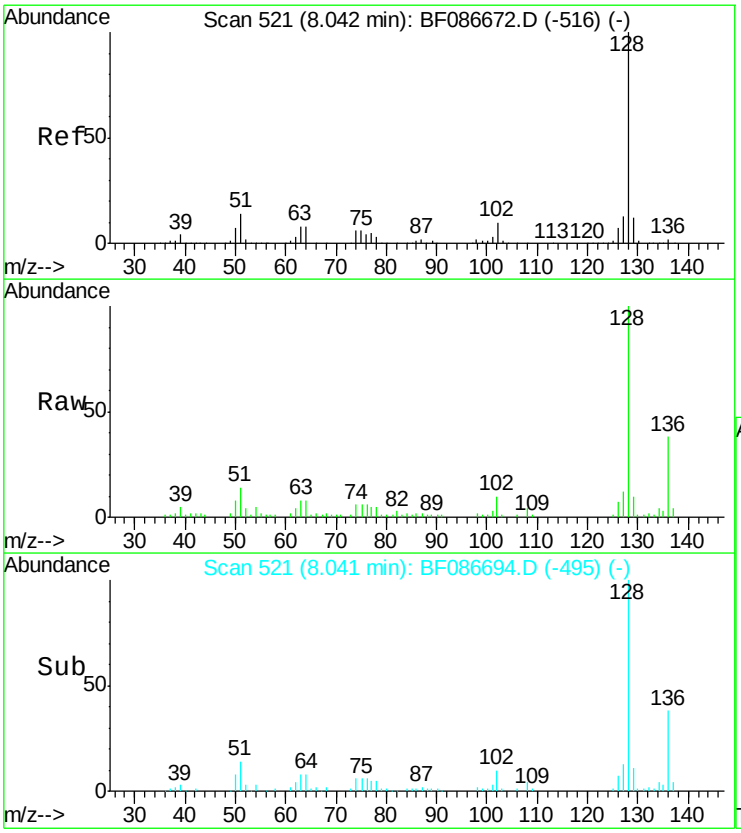
#23
Nitrobenzene-d5
Concen: 104.44 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion: 82 Resp: 1165148

Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.6	61.0
54	68.3	38.1	57.1#

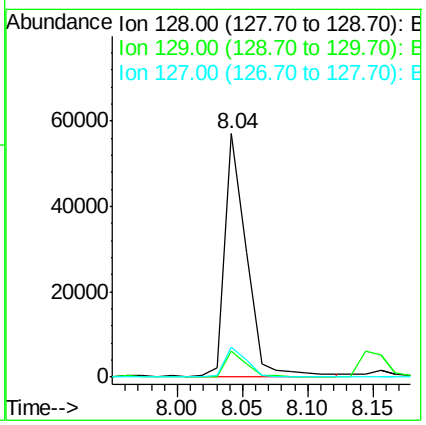


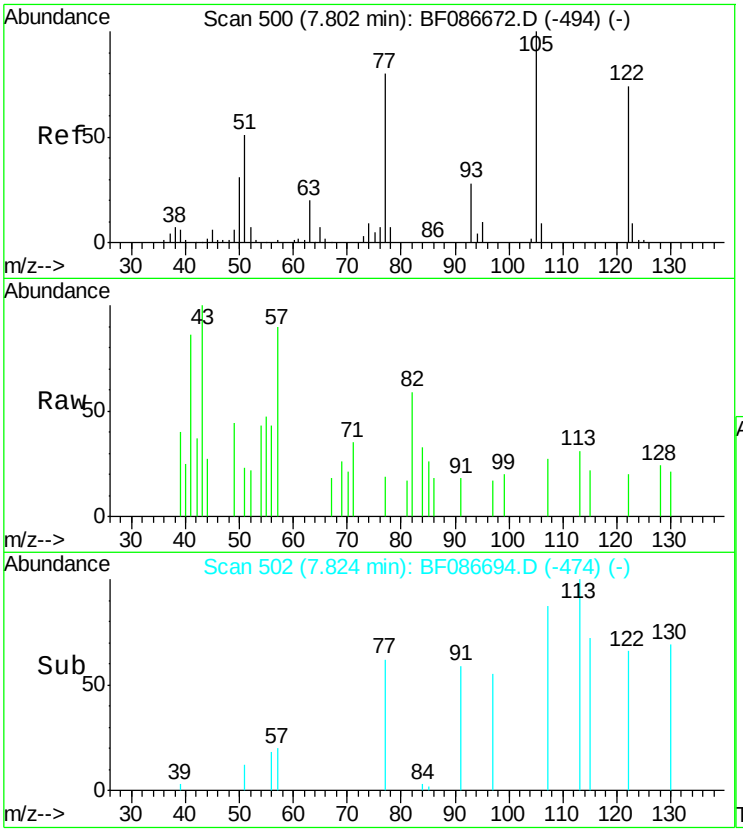


#31
Naphthalene
Concen: 2.27 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:128 Resp: 66562

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	12.5	10.8	16.2



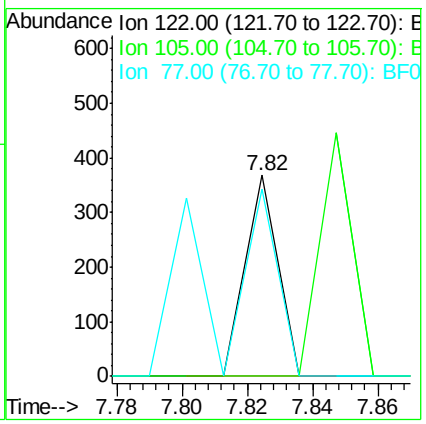


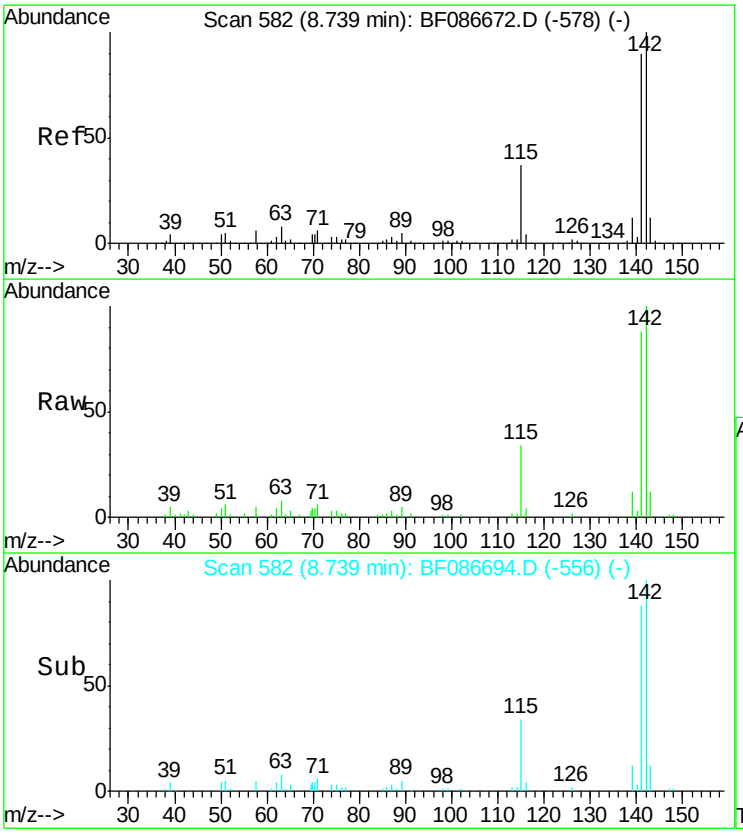
#32
Benzoic acid
Concen: 8.47 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.02 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:122 Resp: 252

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	92.9	60.0	100.0

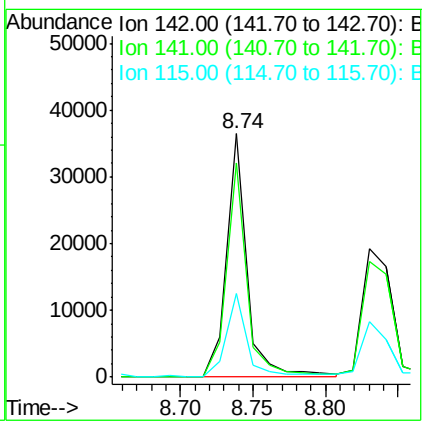


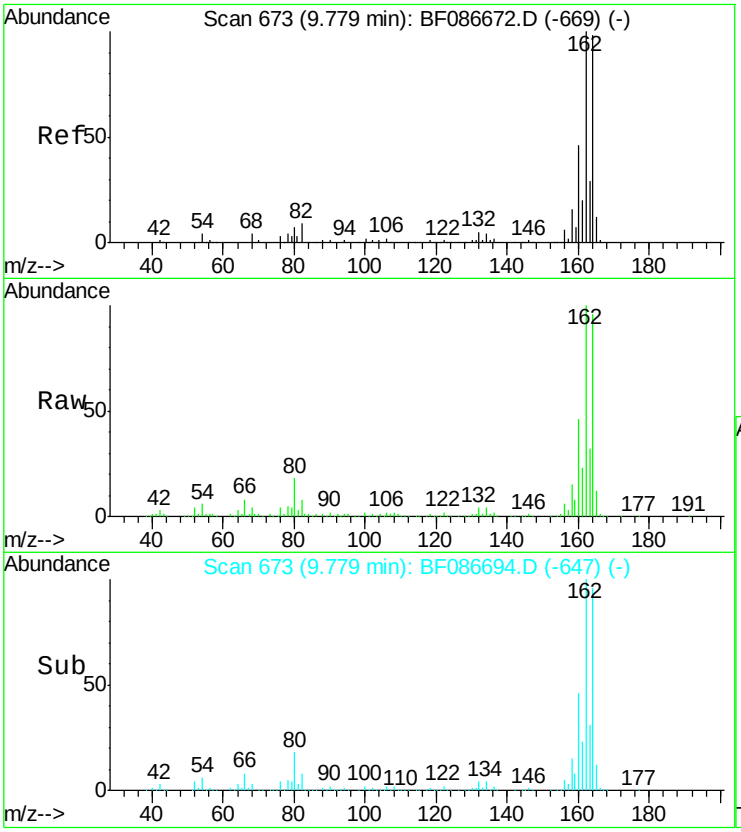


#37
2-Methylnaphthalene
Concen: 2.08 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:142 Resp: 35927

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	34.1	26.6	39.8



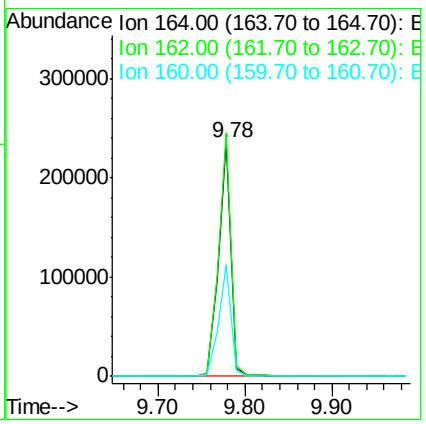


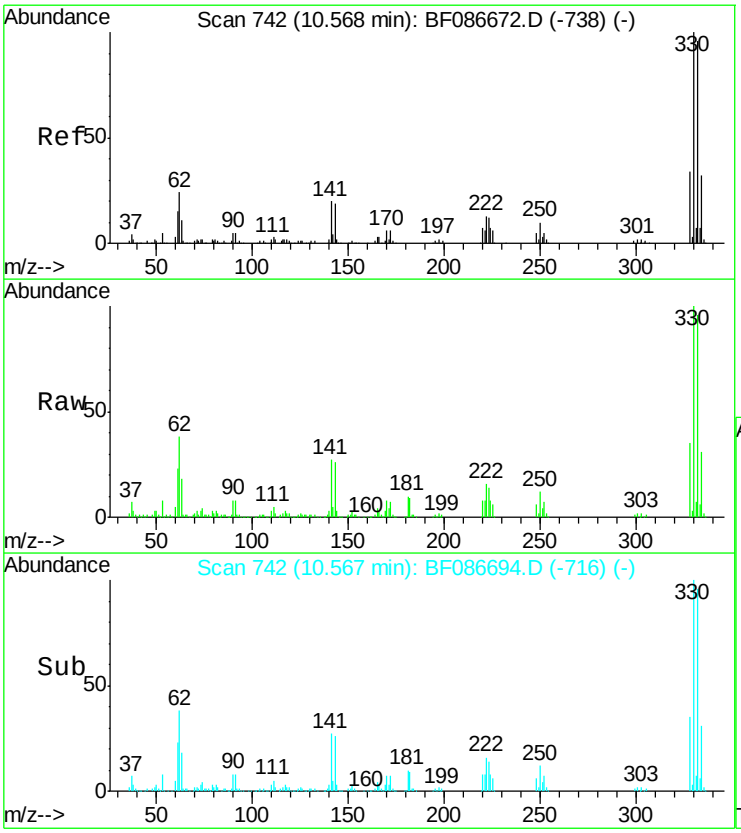
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:164 Resp: 241543

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.8	124.2
160	47.8	36.9	55.3

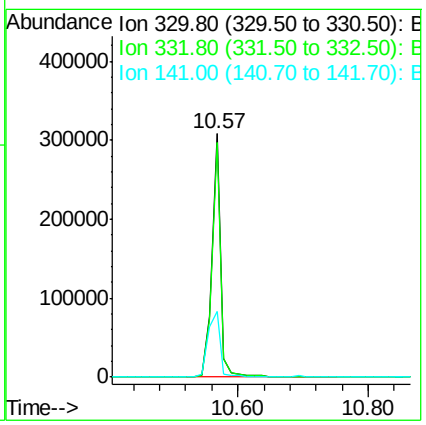


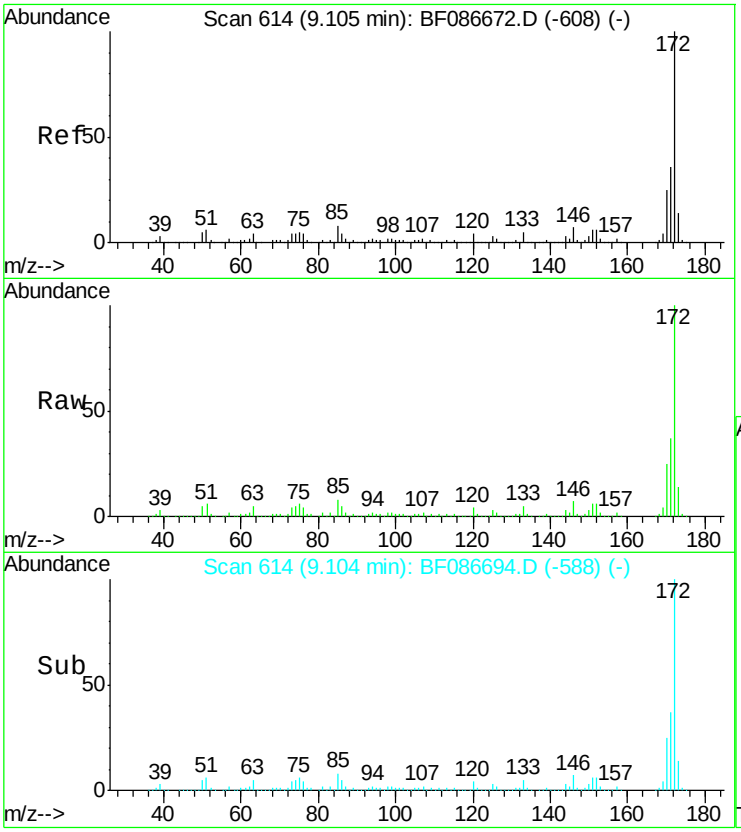


#41
2,4,6-Tribromophenol
Concen: 125.61 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:330 Resp: 296801

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	37.5	31.2	46.8



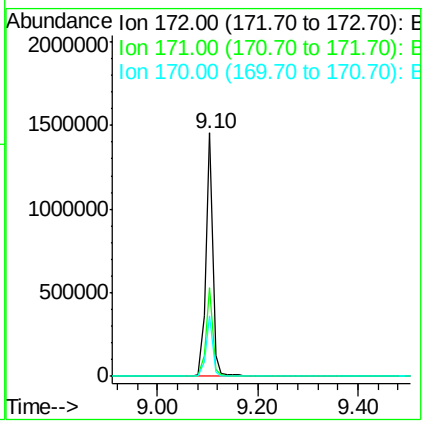


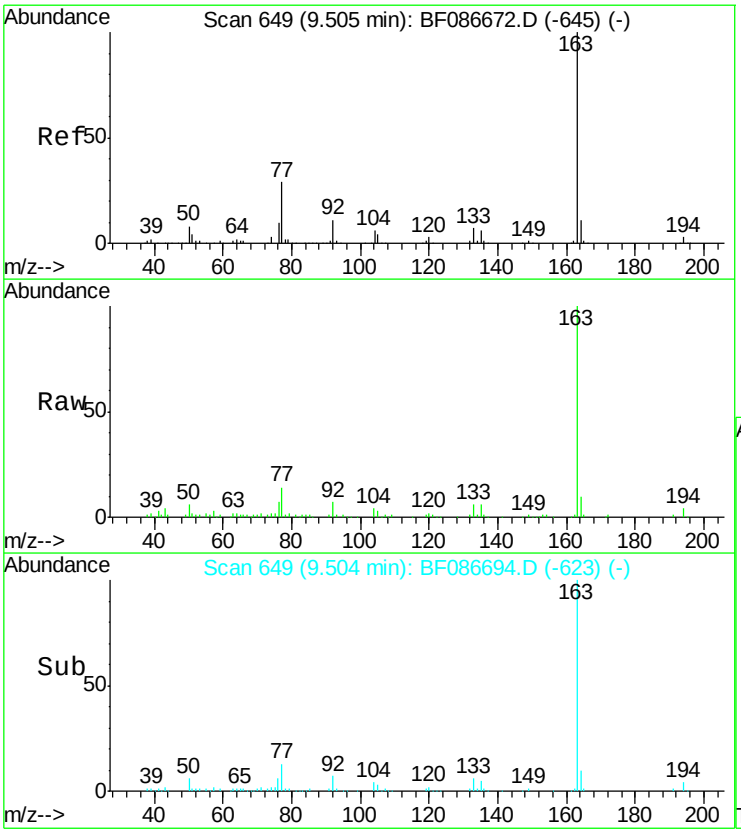
#44
2-Fluorobiphenyl
Concen: 95.11 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:172 Resp: 1401486

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

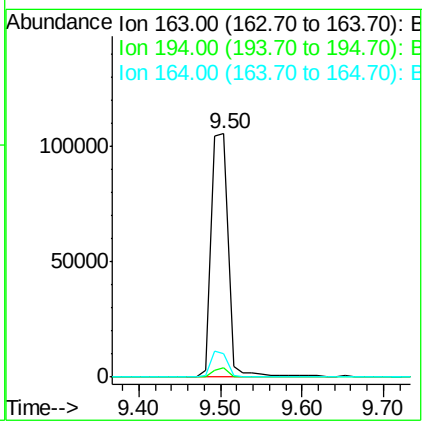


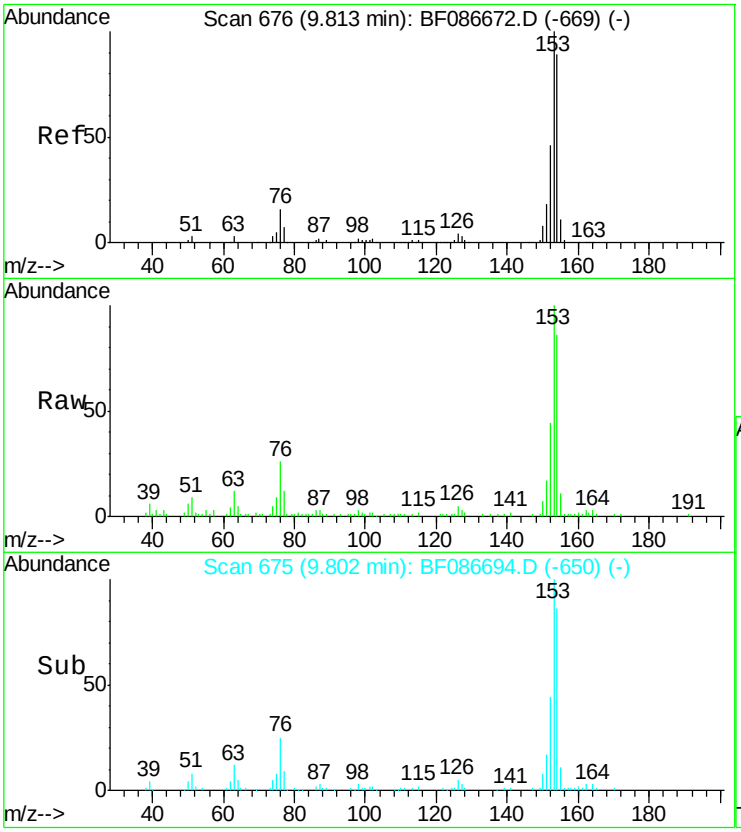


#49
Dimethylphthalate
Concen: 8.67 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:163 Resp: 156152

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.2	12.4



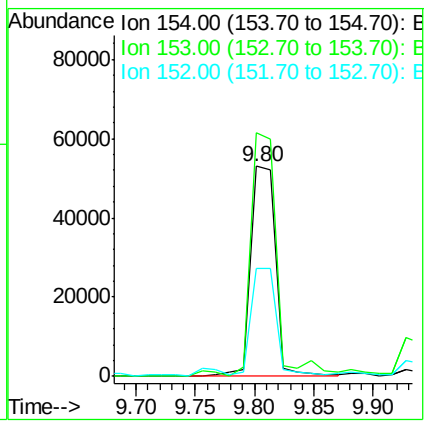


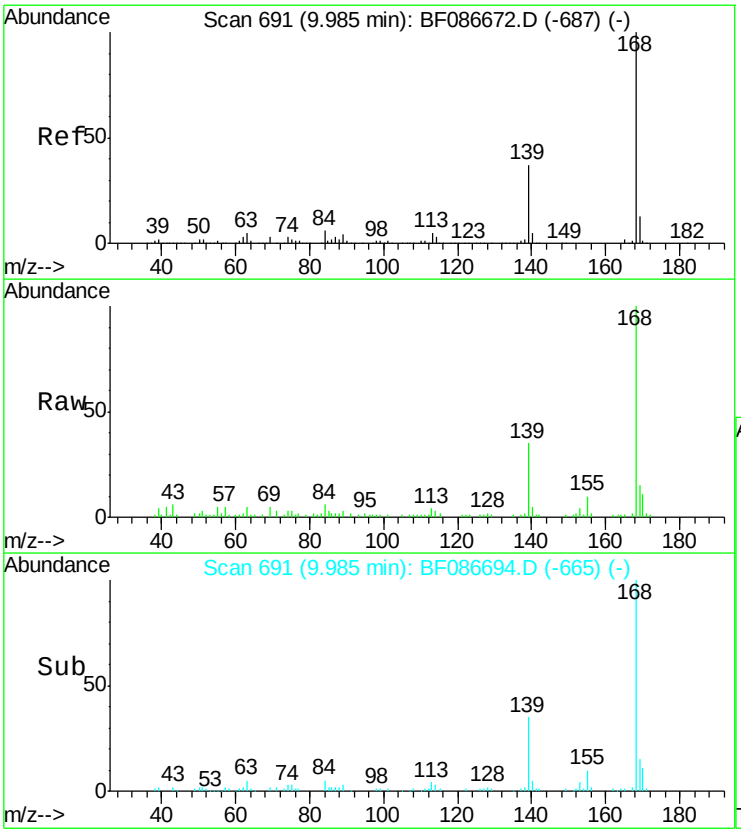
#51
Acenaphthene
Concen: 5.22 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:154 Resp: 77890

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.8	134.6
152	51.2	43.4	65.0

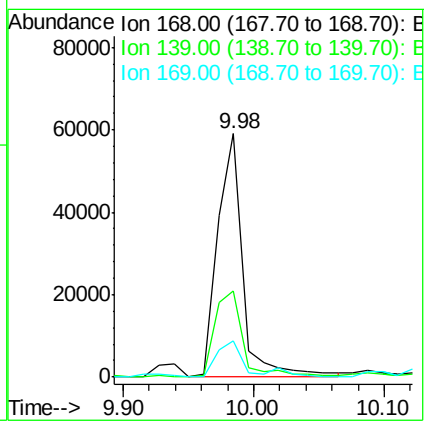


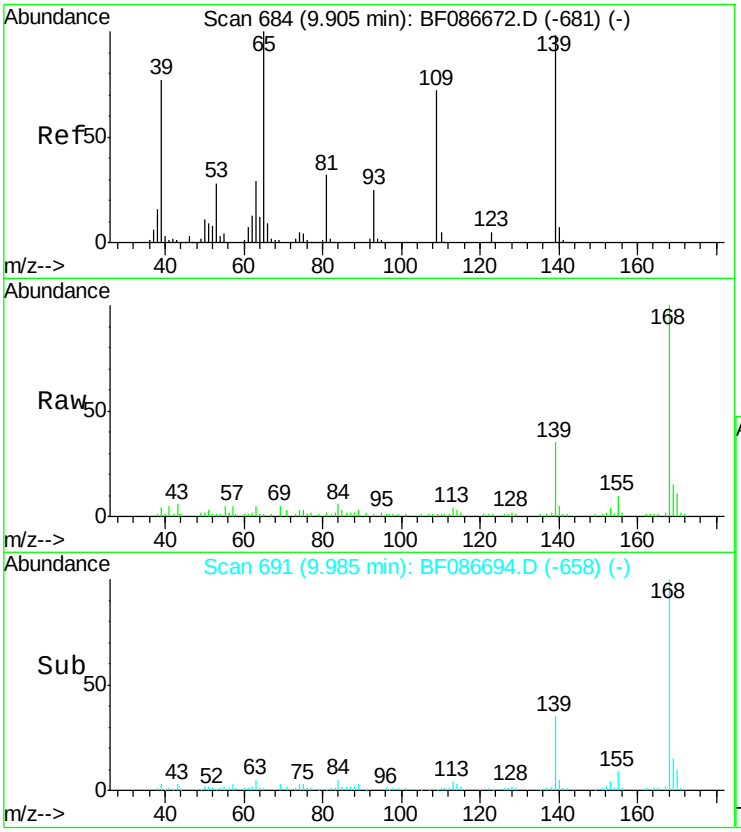


#54
Dibenzofuran
Concen: 4.31 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:168 Resp: 79697

Ion	Ratio	Lower	Upper
168	100		
139	35.3	31.4	47.0
169	14.9	10.7	16.1



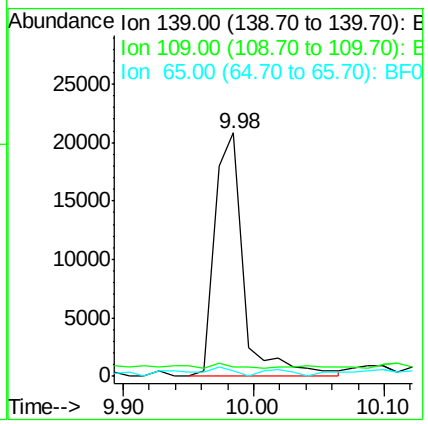


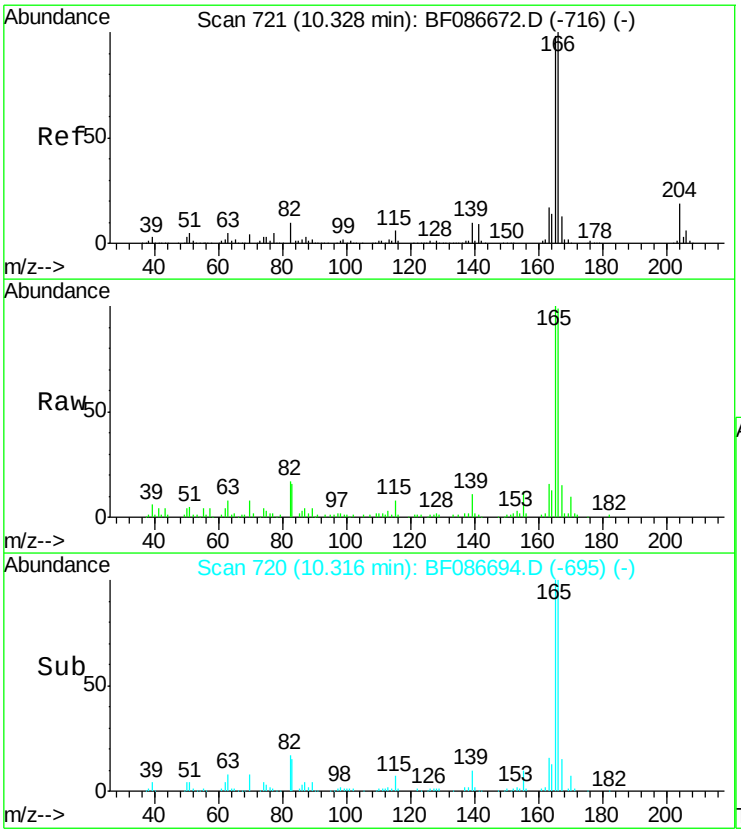
#55
4-Nitrophenol
Concen: 12.59 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.08 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:139 Resp: 32243

Ion	Ratio	Lower	Upper
139	100		
109	3.9	36.9	76.9#
65	2.5	64.0	104.0#

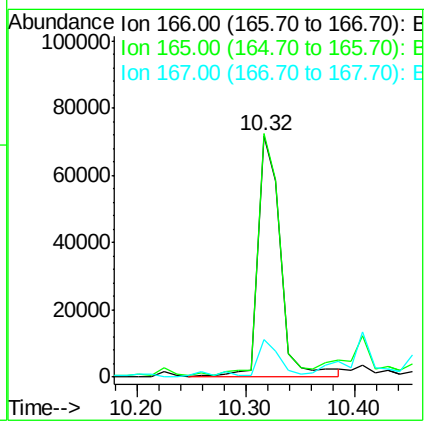


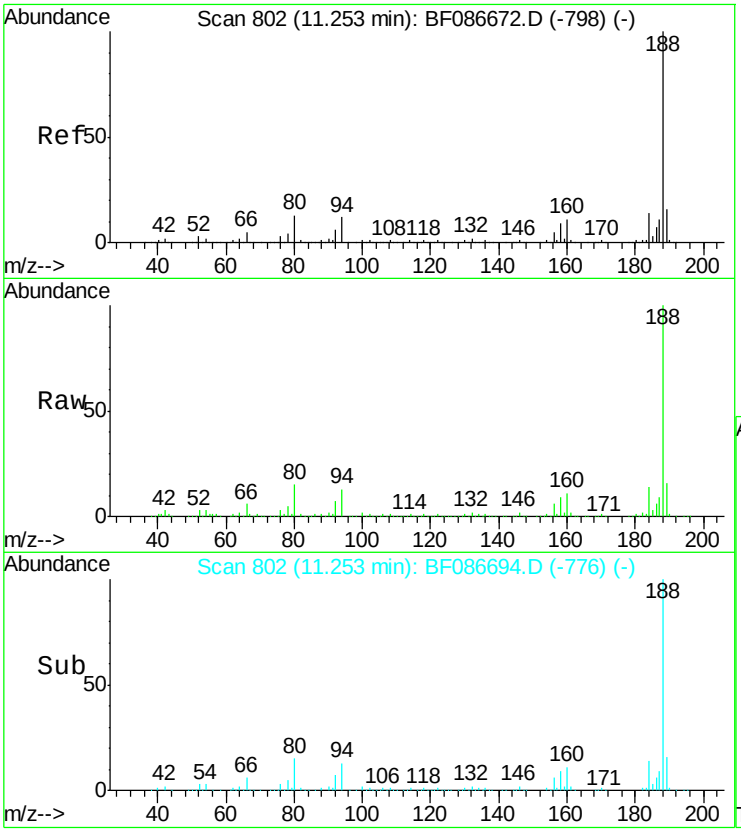


#57
Fluorene
Concen: 6.97 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:166 Resp: 104434

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.6
167	15.4	10.6	15.8



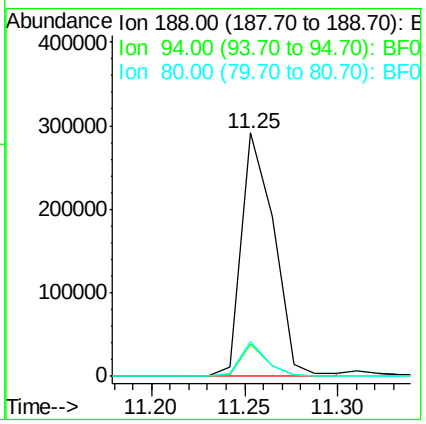


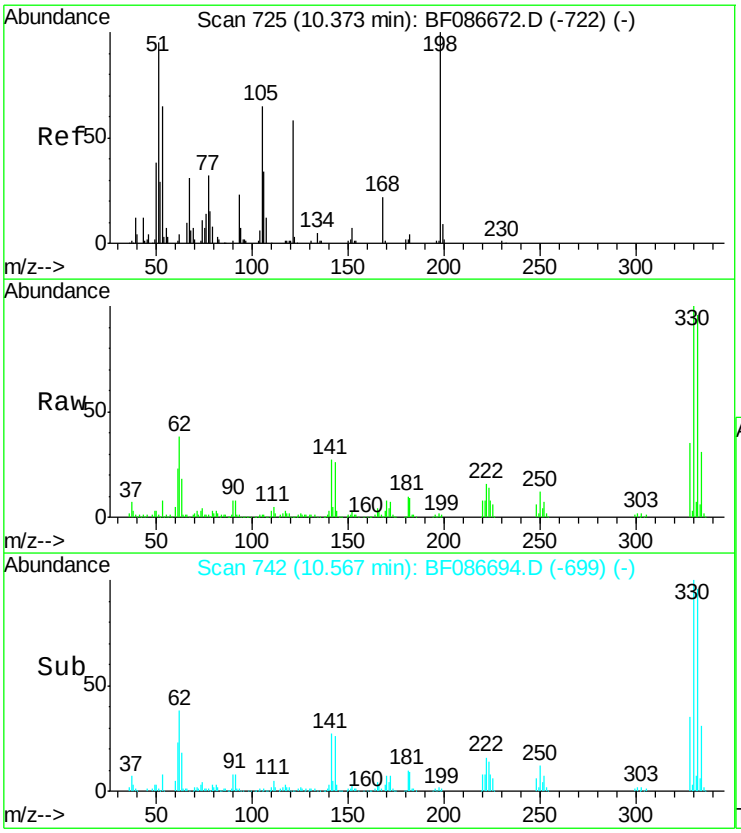
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:188 Resp: 353683

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.8	10.2#
80	14.6	7.1	10.7#

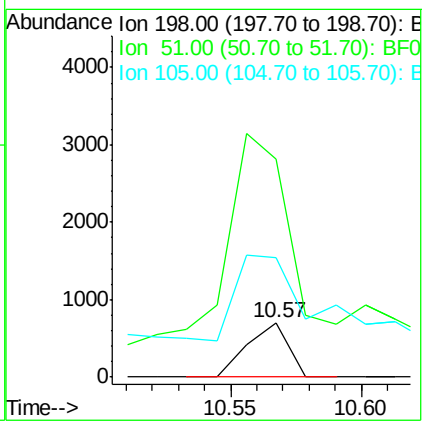


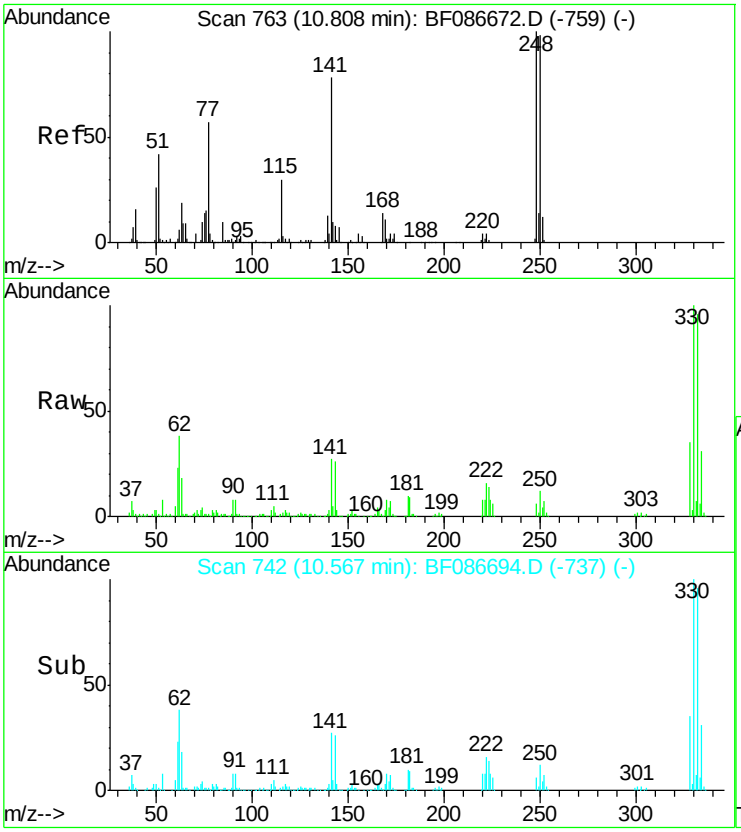


#64
4,6-Dinitro-2-methylphenol
Concen: 5.70 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.19 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:198 Resp: 772

Ion	Ratio	Lower	Upper
198	100		
51	401.3	20.5	60.5#
105	219.9	24.5	64.5#



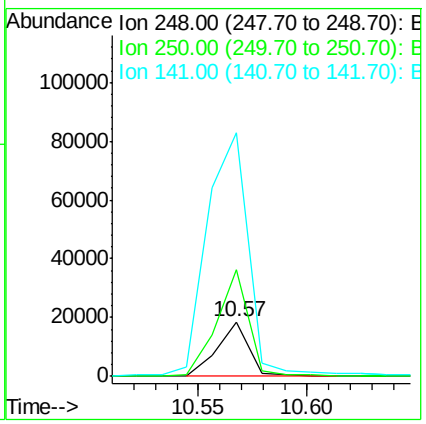


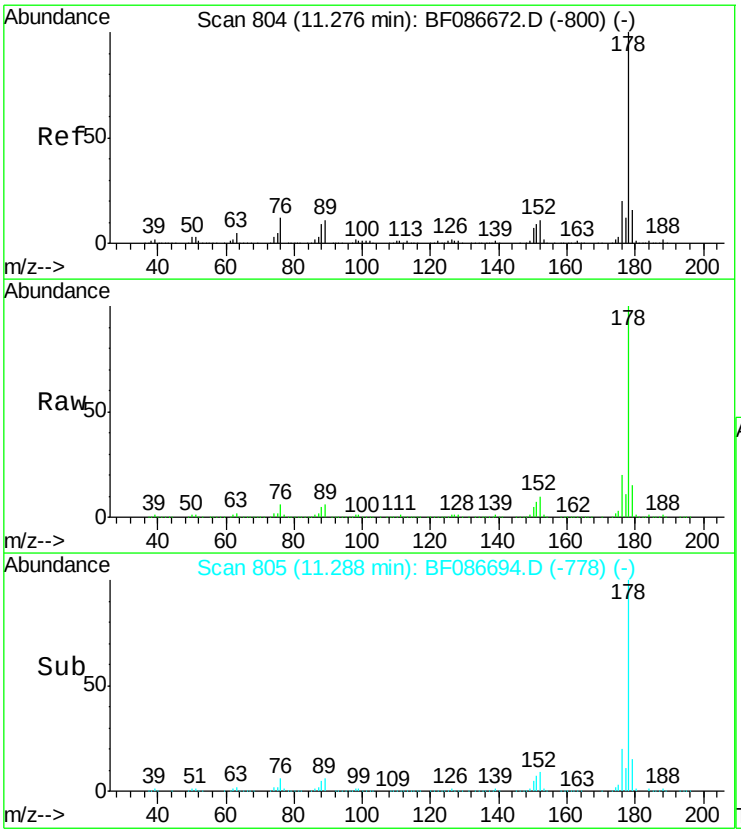
#66
4-Bromophenyl-phenylether
Concen: 5.30 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:248 Resp: 18641

Ion	Ratio	Lower	Upper
248	100		
250	195.1	78.6	117.8#
141	445.0	76.0	114.0#

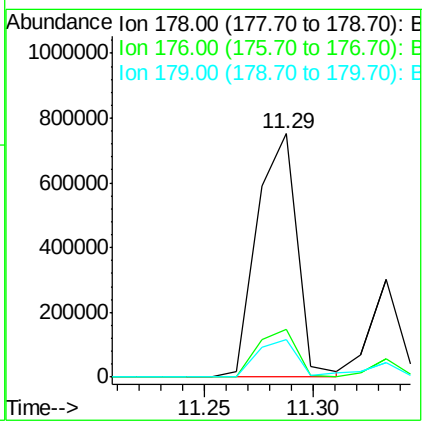


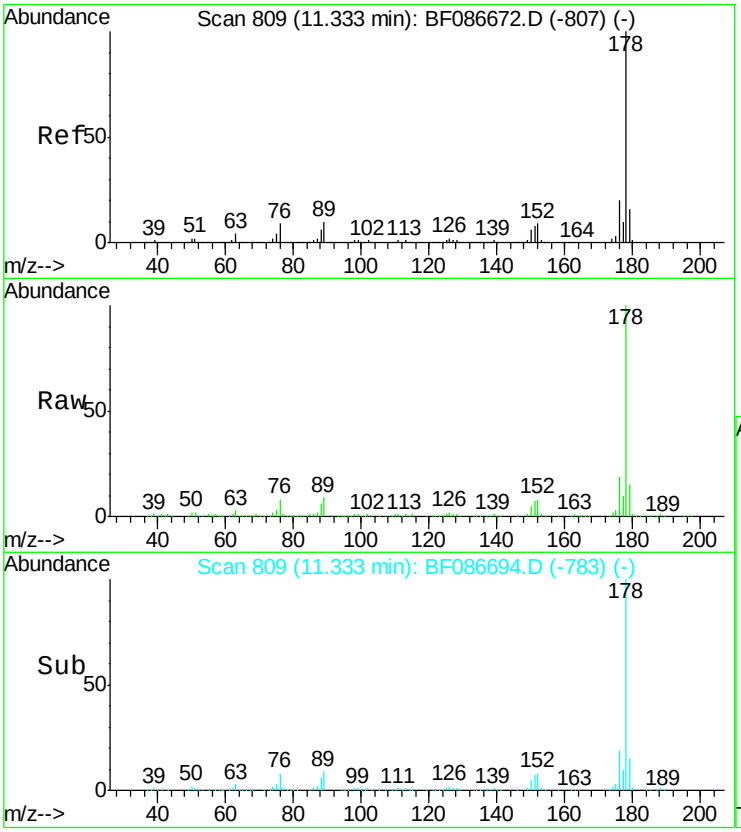


#70
Phenanthrene
Concen: 50.93 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:178 Resp: 967593

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.3	12.6	18.8



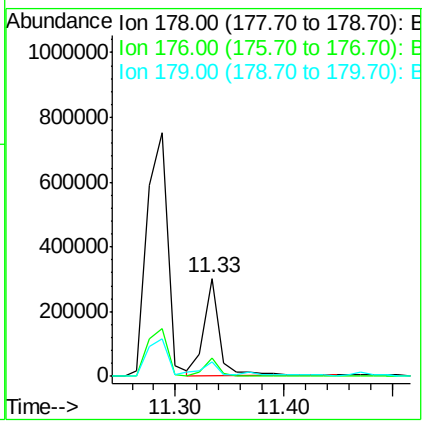


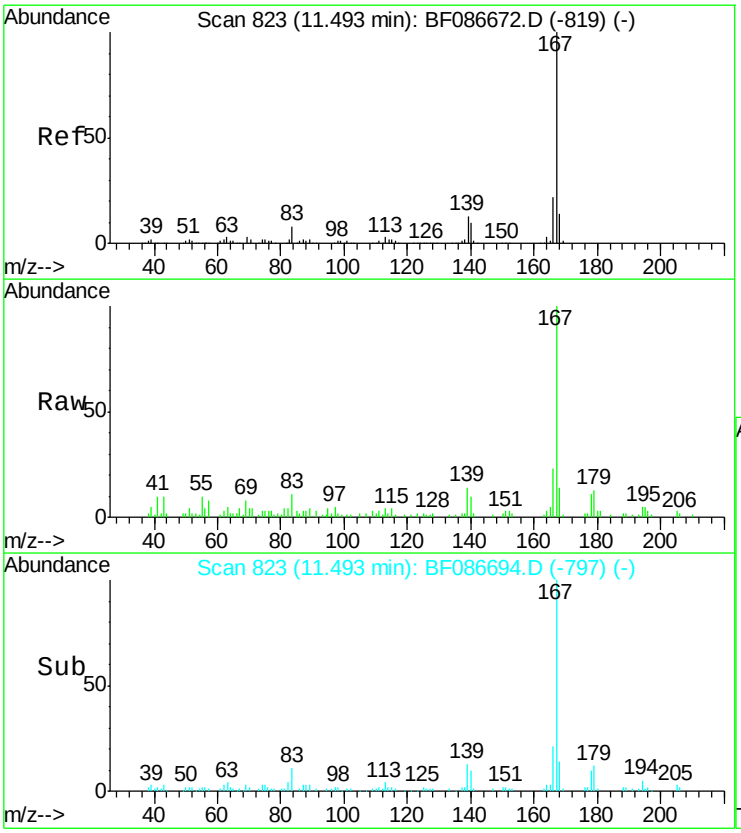
#71
Anthracene
Concen: 15.65 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:178 Resp: 311389

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.3	12.7	19.1

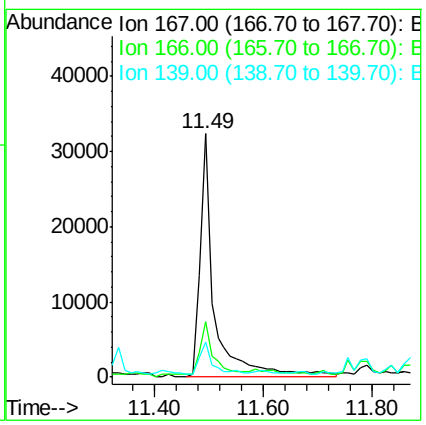


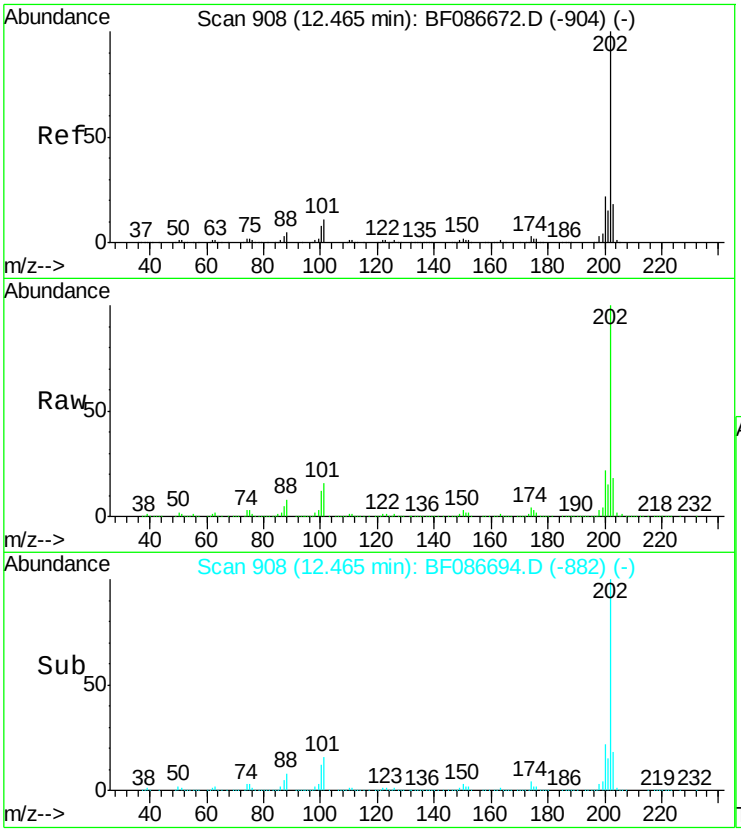


#72
Carbazole
Concen: 3.38 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:167 Resp: 58369

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.7	26.5
139	14.3	10.8	16.2



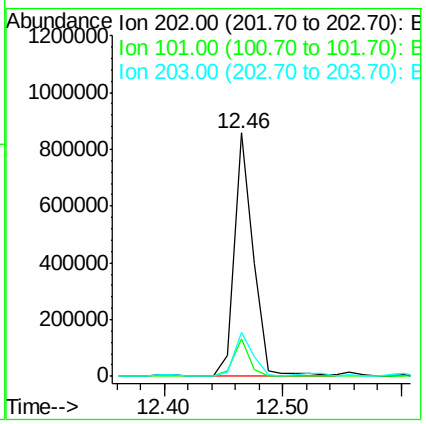


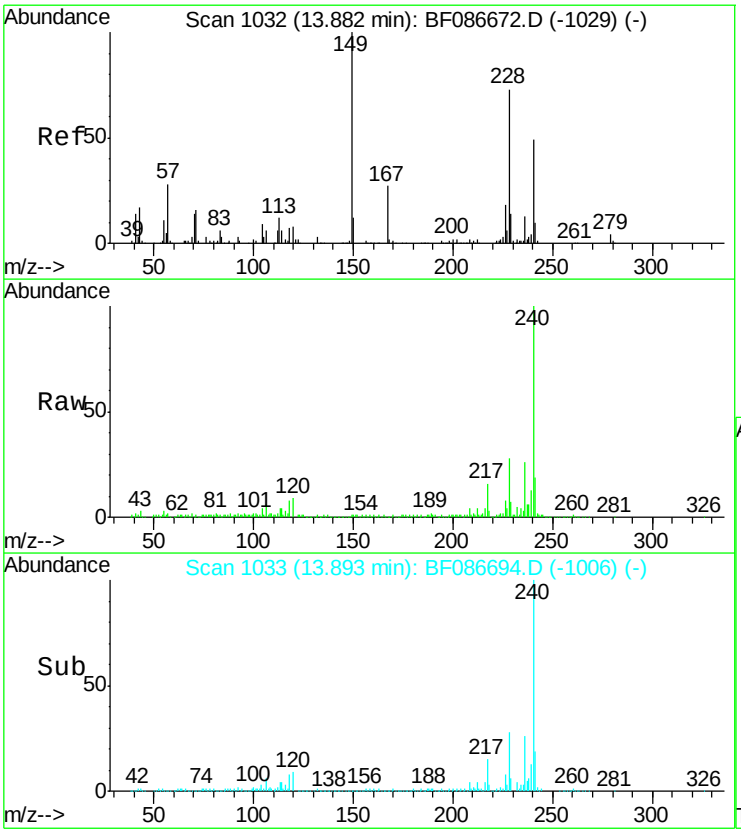
#74
Fluoranthene
Concen: 49.58 ng
RT: 12.46 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:202 Resp: 943852

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	35.4
203	18.1	0.0	38.1

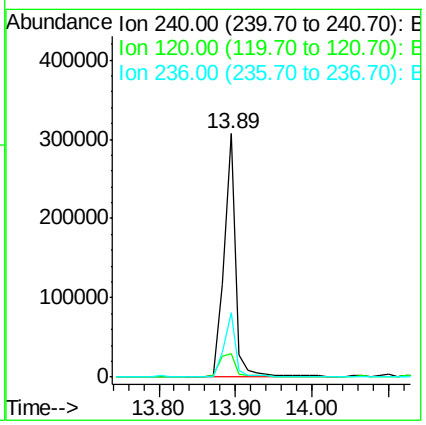


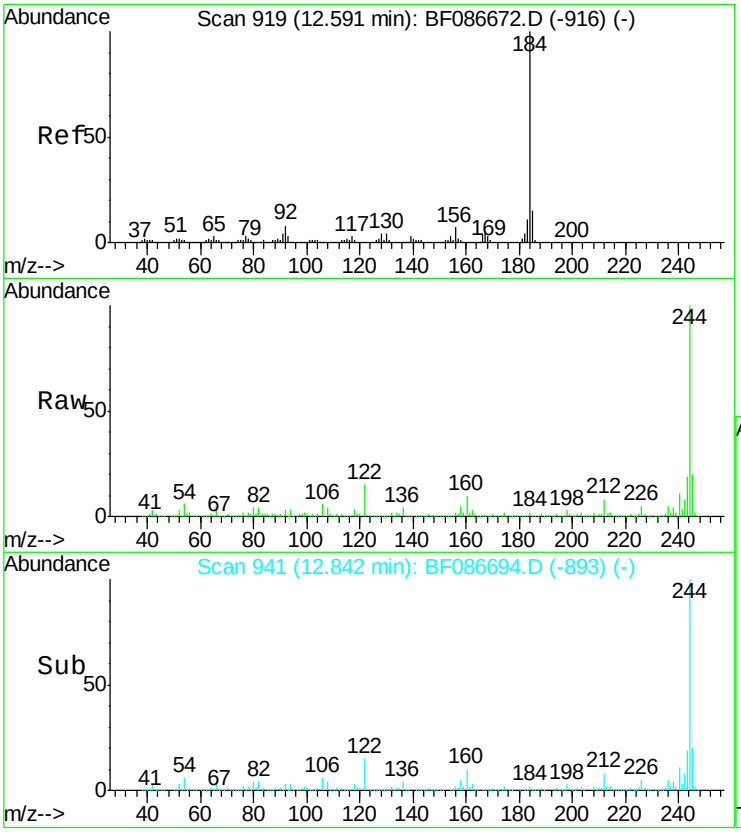


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:240 Resp: 329682

Ion	Ratio	Lower	Upper
240	100		
120	9.5	11.2	16.8#
236	26.3	21.2	31.8



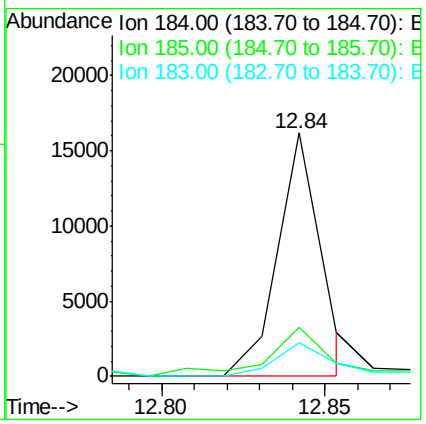


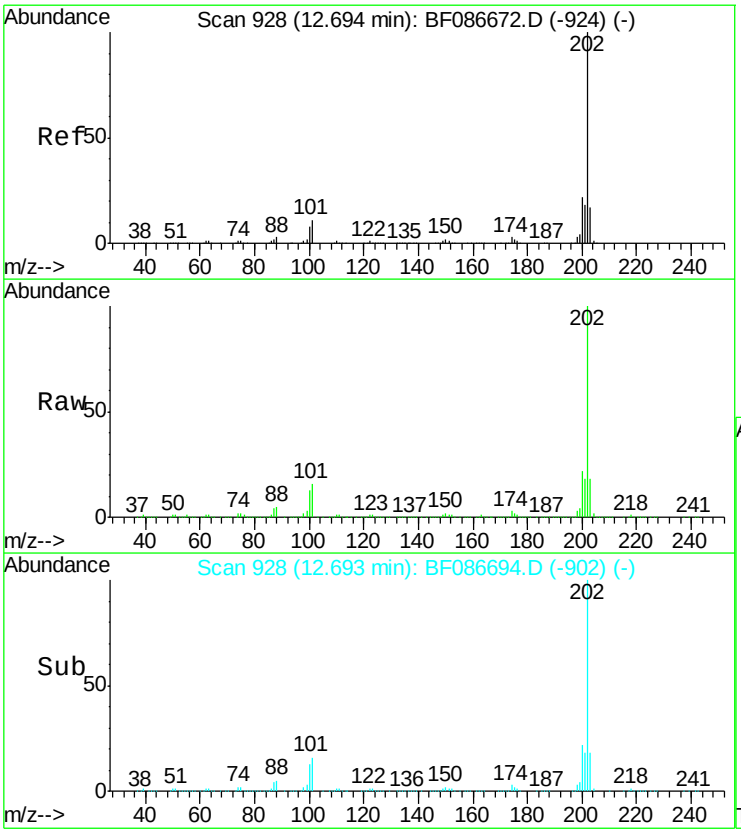
#76
Benzidine
Concen: 8.50 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.25 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:184 Resp: 14945

Ion	Ratio	Lower	Upper
184	100		
185	20.1	13.6	20.4
183	14.1	9.8	14.6

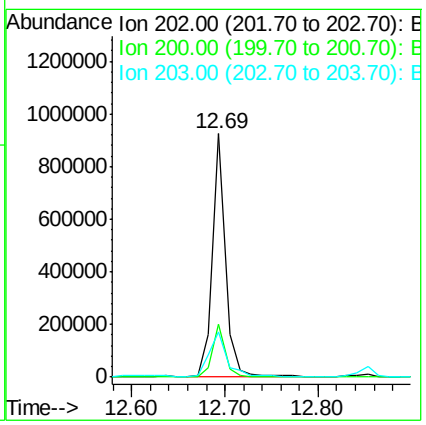


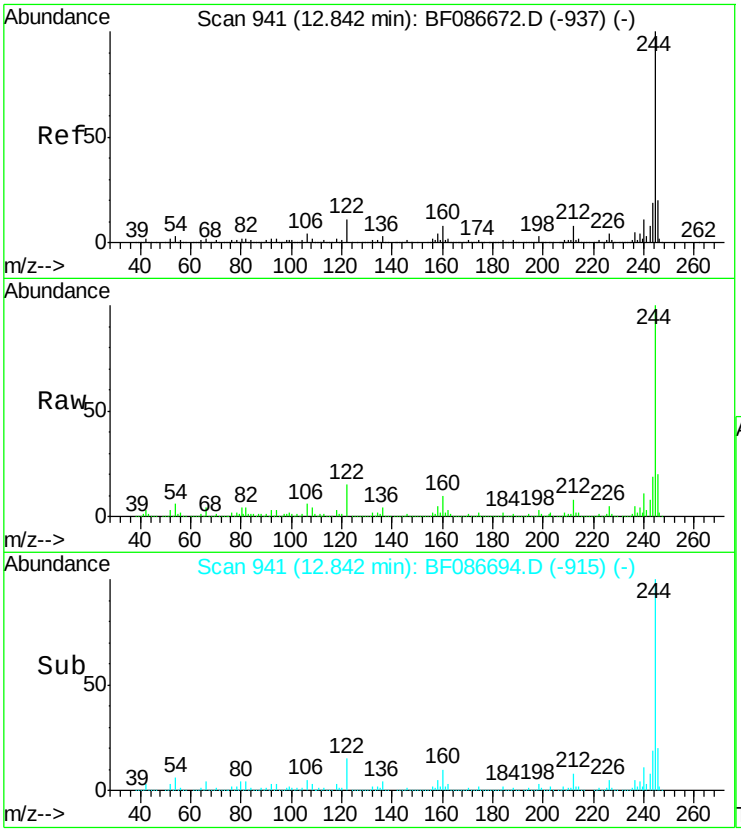


#77
Pyrene
Concen: 34.11 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:202 Resp: 896420

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.2	21.4



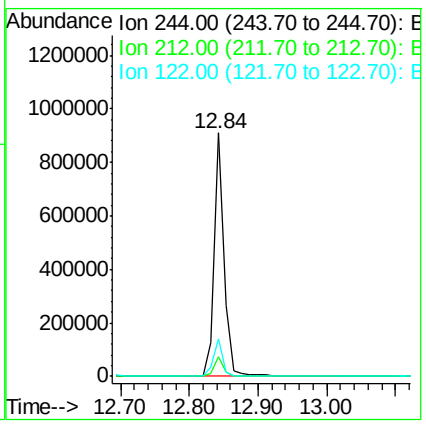


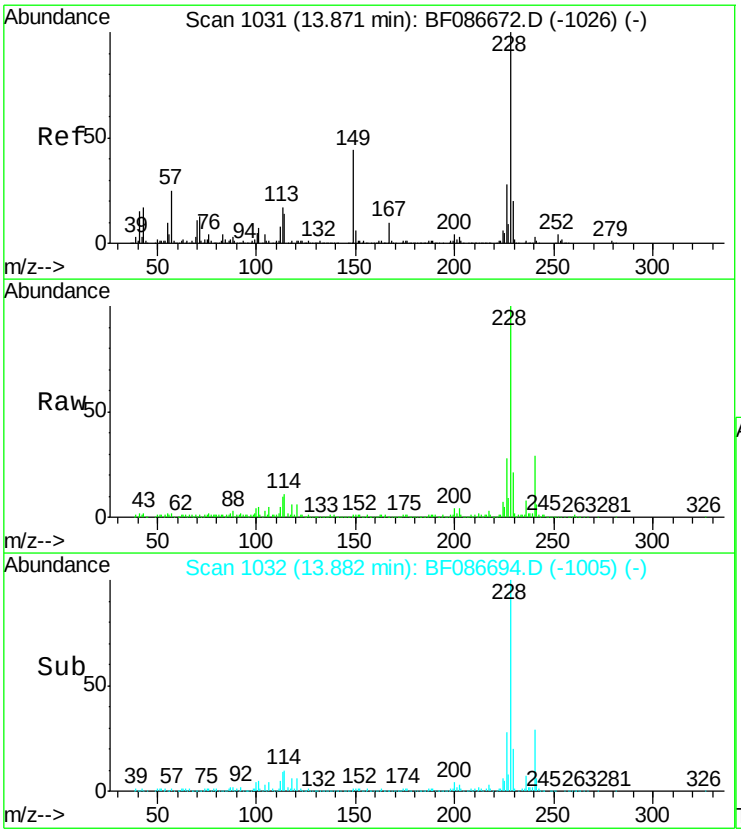
#78
Terphenyl-d14
Concen: 57.89 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:244 Resp: 944325

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	15.4	12.0	18.0

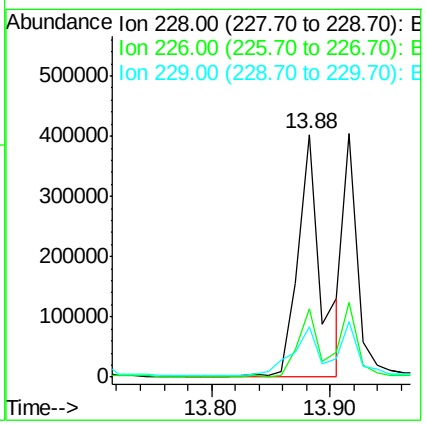


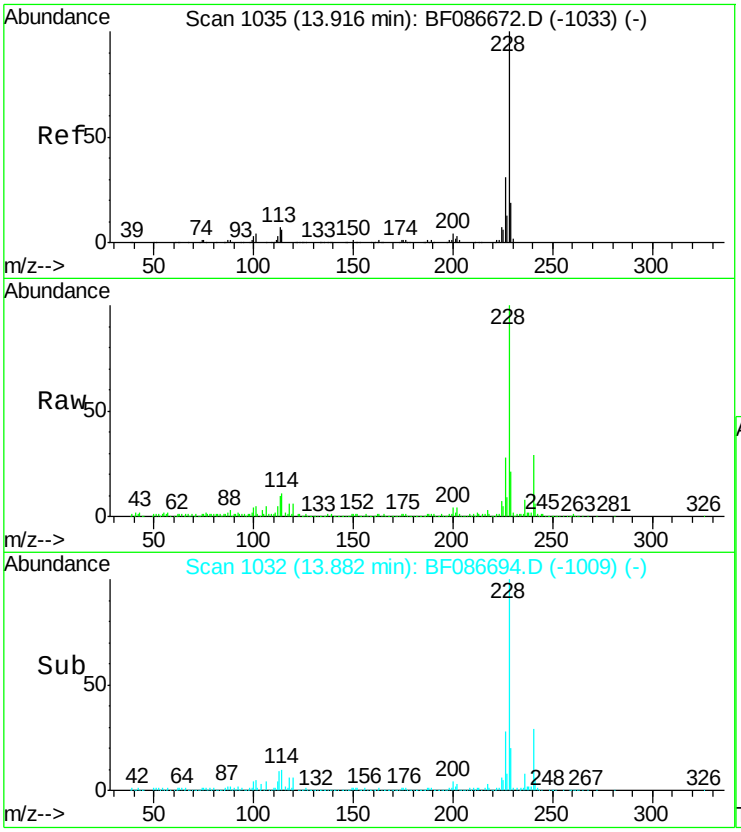


#80
Benzo(a)anthracene
Concen: 28.98 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:228 Resp: 540410

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.7	16.6	25.0



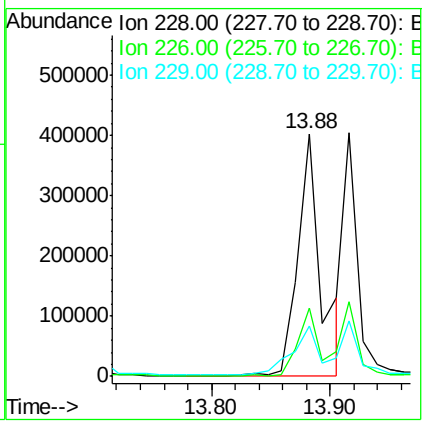


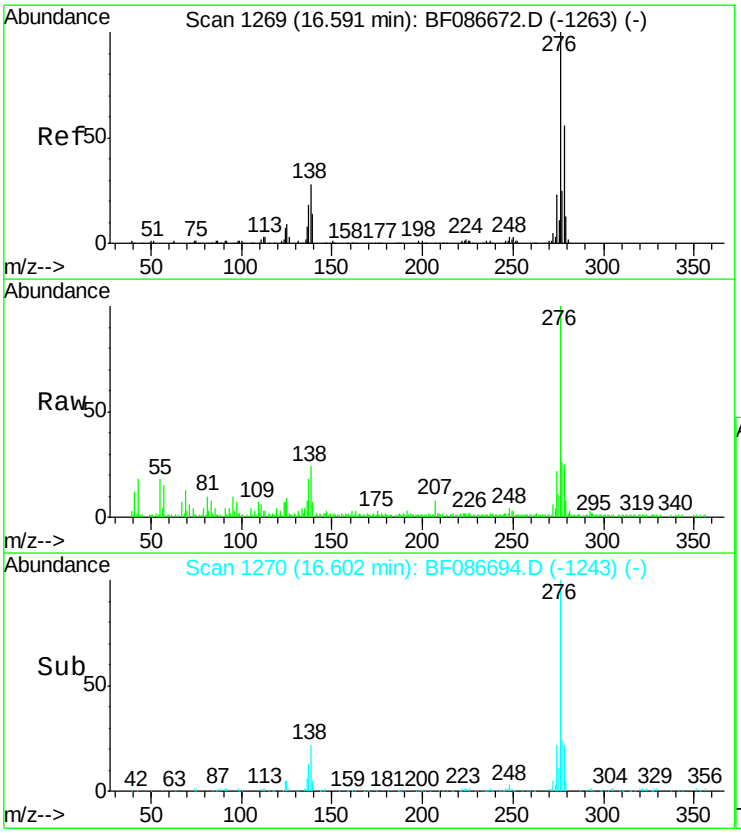
#82
Chrysene
Concen: 27.17 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:228 Resp: 540410

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.4	36.6
229	20.7	15.8	23.8

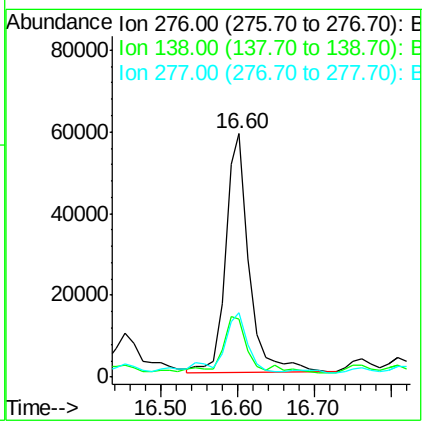


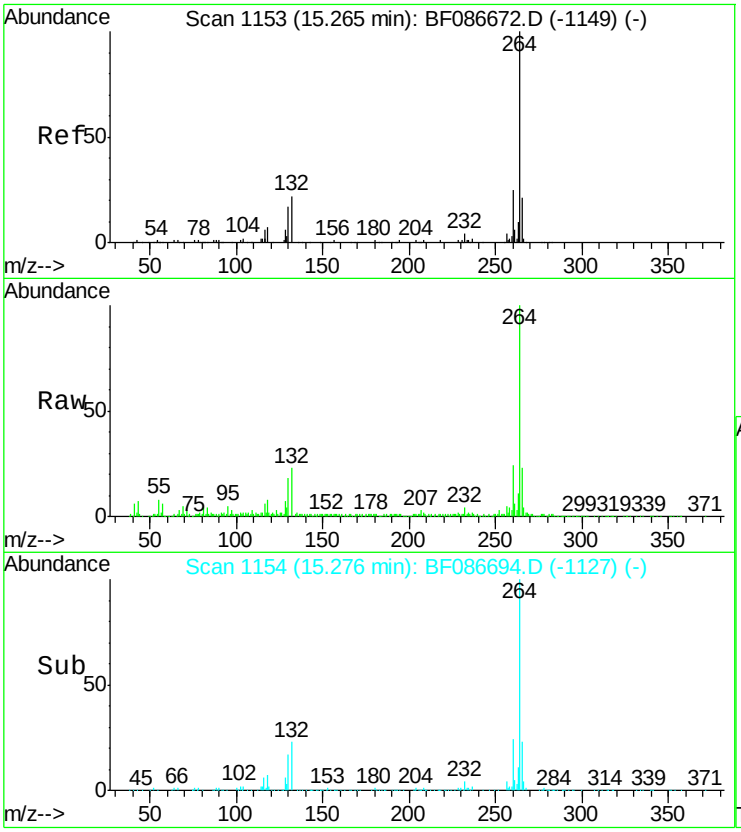


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.30 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:276 Resp: 124592

Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.6	38.4#
277	27.1	20.5	30.7



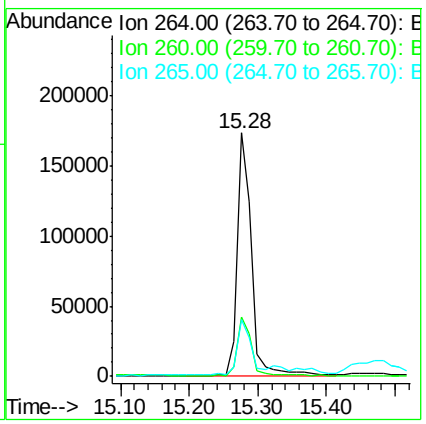


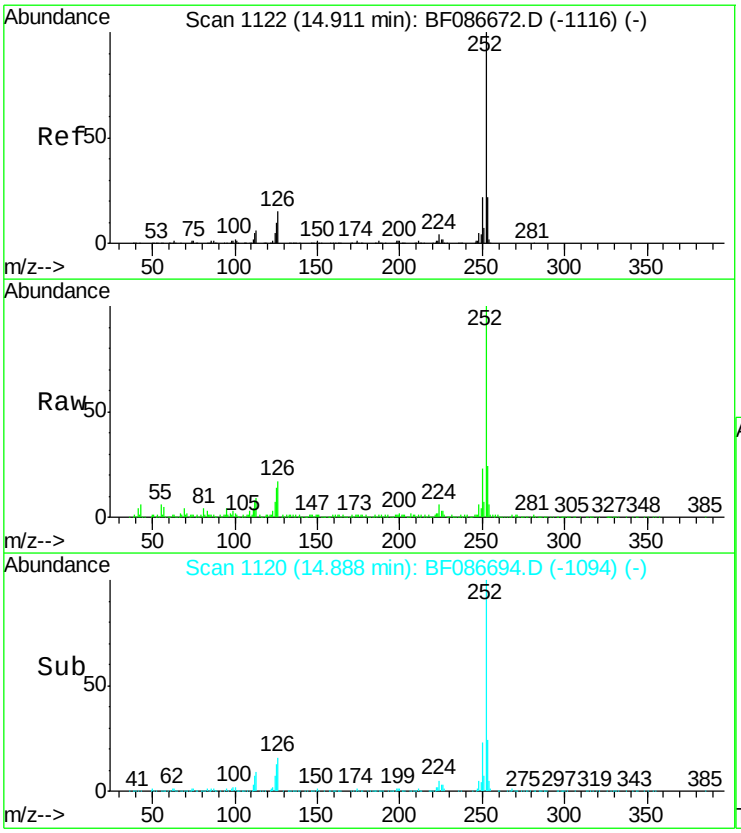
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:264 Resp: 249253

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.3	17.3	25.9

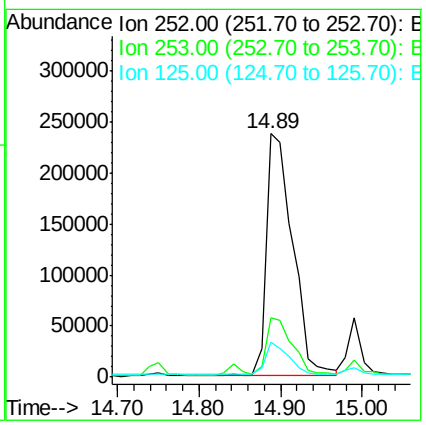


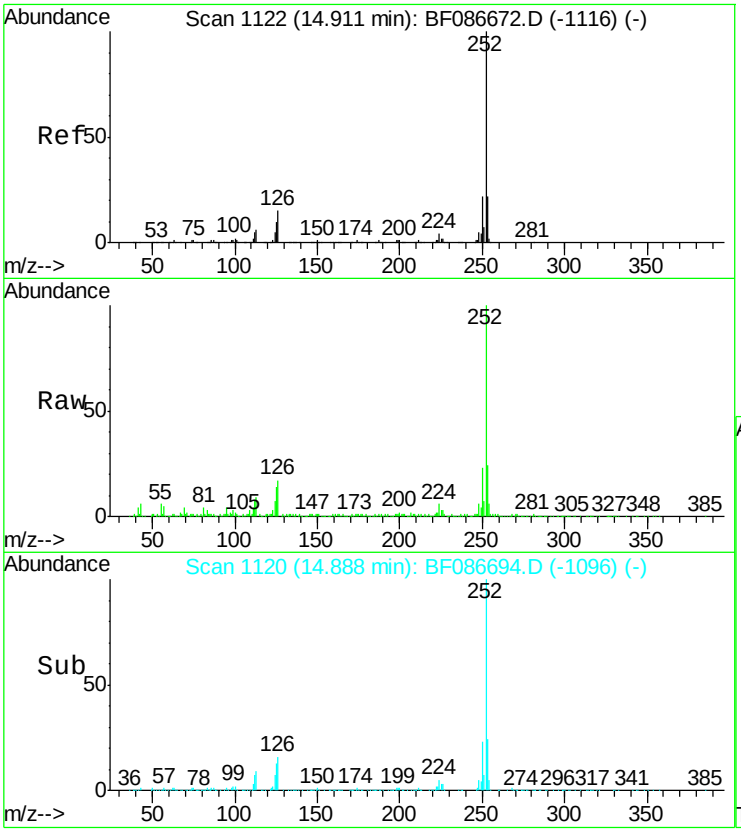


#87
Benzo(b)fluoranthene
Concen: 35.81 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:252 Resp: 536386

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	14.1	11.4	17.0



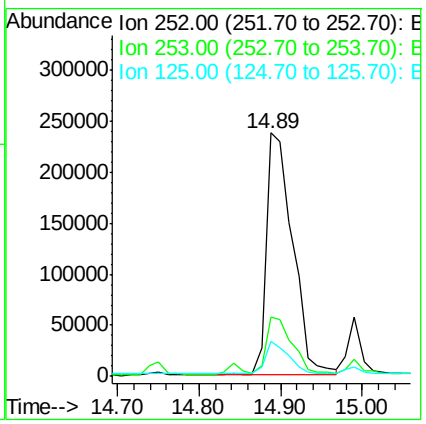


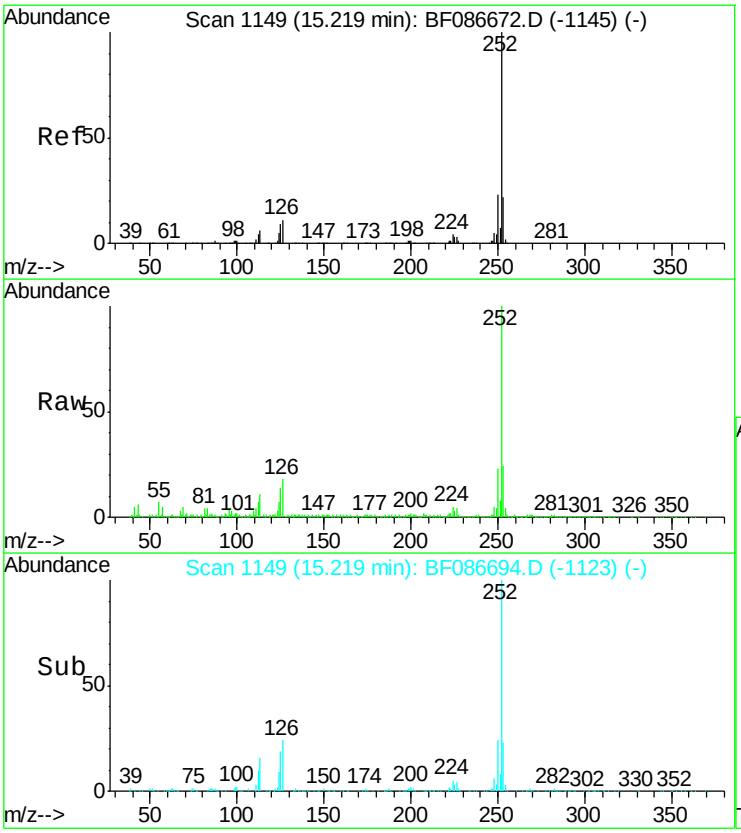
#88
Benzo(k)fluoranthene
Concen: 38.01 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:252 Resp: 536386

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	14.1	9.1	13.7#

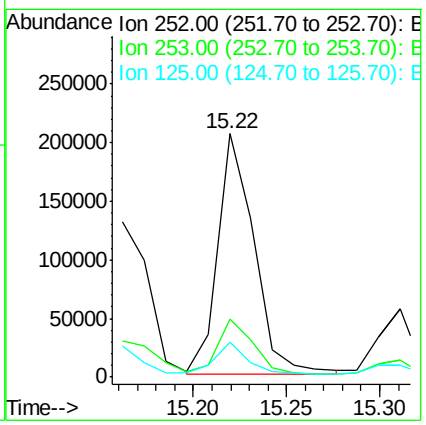


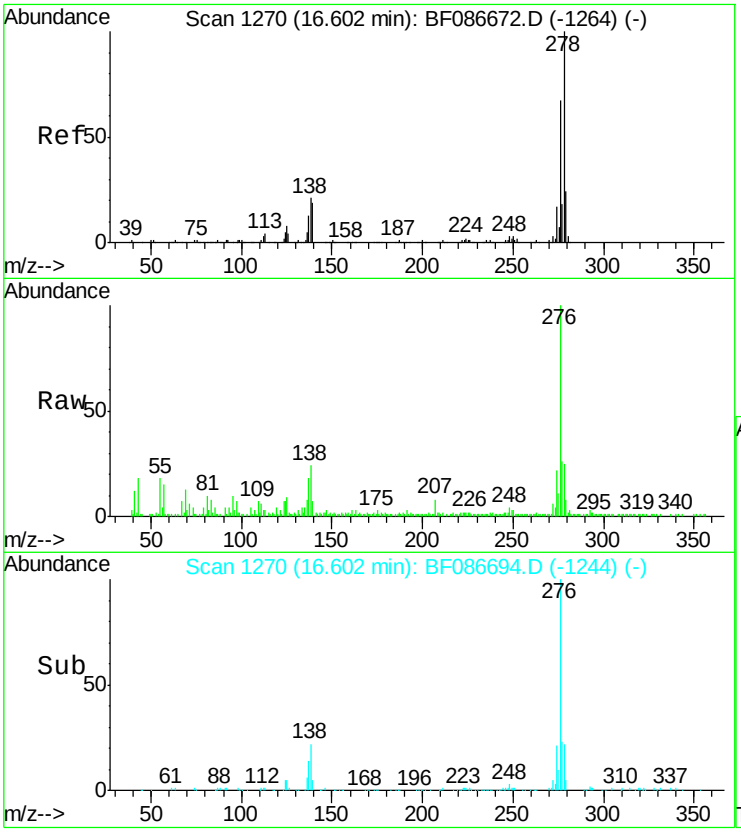


#89
Benzo(a)pyrene
Concen: 20.37 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:252 Resp: 281057

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	14.4	9.0	13.6#



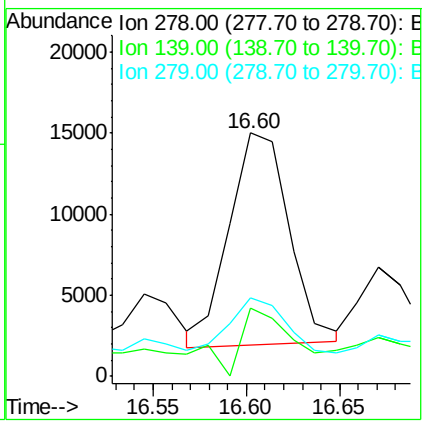


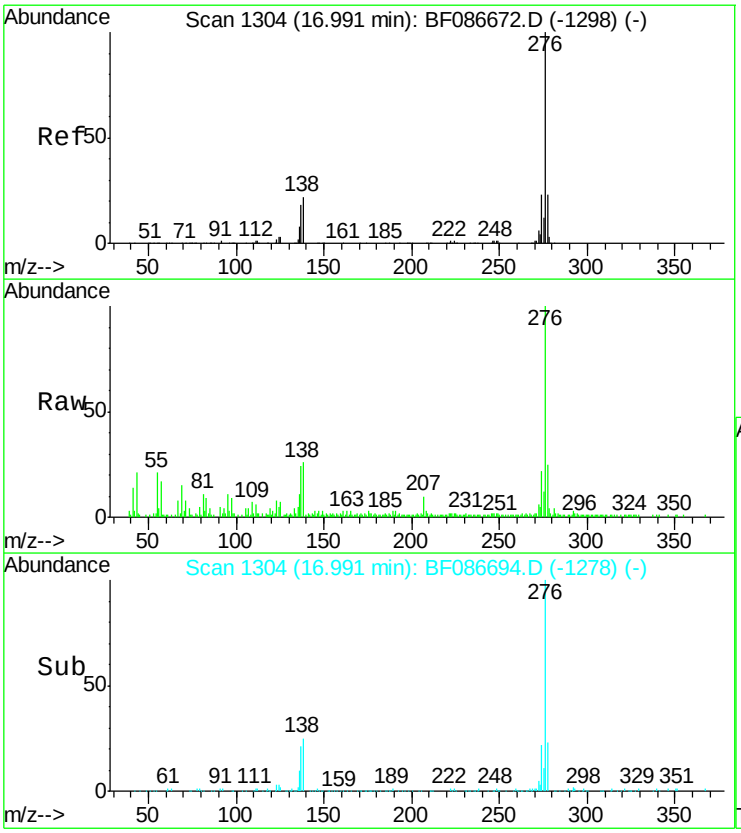
#90
Dibenzo(a,h)anthracene
Concen: 2.21 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-1(0-8FTBGS)

Tgt Ion:278 Resp: 29337

Ion	Ratio	Lower	Upper
278	100		
139	28.3	16.6	24.8#
279	32.0	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 8.14 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF086694.D
Acq: 4 May 2016 23:31

Tgt Ion:276 Resp: 113214

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	26.4	23.6	35.4