Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082564.D
Acq On : 27 Oct 2015 23:38
Operator : UM/IZ
Sample : G4168-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-2-20151026

Quant Time: Oct 28 01:08:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	346505	20.00	ng		0.14
21) Naphthalene-d8	8.00	136	321380	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	151469	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	266148	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	165608	20.00	ng		-0.03
86) Perylene-d12	15.29	264	168049	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	685300	39.04	ng		0.01
7) Phenol-d6	6.38	99	815141	35.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	573882	115.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	176074	155.23	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	966334	101.45	ng		-0.02
78) Terphenyl-d14	12.82	244	683599	118.92	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	1162	Below Cal		#	3
19) n-Nitroso-di-n-propylamine	7.29	70	76367	5.12	ng	#	73
25) Isophorone	7.29	82	561950	56.78	ng	#	64
31) Naphthalene	8.02	128	44586	3.04	ng		98
49) Dimethylphthalate	9.47	163	291090	27.62	ng		99
51) Acenaphthene	9.78	154	31649	3.88	ng		97
54) Dibenzofuran	9.95	168	32183	2.70	ng	#	96
55) 4-Nitrophenol	9.95	139	11979	19.20	ng	#	15
56) 2,4-Dinitrotoluene	9.75	165	19879	7.09	ng	#	11
57) Fluorene	10.30	166	38881	3.98	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	13880	5.56	ng	#	1
70) Phenanthrene	11.26	178	442349	32.30	ng		100
71) Anthracene	11.31	178	131208	9.51	ng		99
72) Carbazole	11.49	167	42086	3.46	ng		98
74) Fluoranthene	12.45	202	525572	37.38	ng		99
77) Pyrene	12.67	202	473299	46.46	ng		99
80) Benzo(a)anthracene	13.88	228	215654	24.29	ng		94
82) Chrysene	13.88	228	215654	25.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	118145	15.33	ng		93
87) Benzo(b)fluoranthene	14.89	252	312302	31.29	ng	#	94
88) Benzo(k)fluoranthene	14.89	252	312302	38.39	ng	#	96
89) Benzo(a)pyrene	15.24	252	176001	20.36	ng	#	95
90) Dibenzo(a,h)anthracene	16.65	278	27021	3.74	ng	#	84
91) Benzo(g,h,i)perylene	17.05	276	115373	16.12	ng	#	93

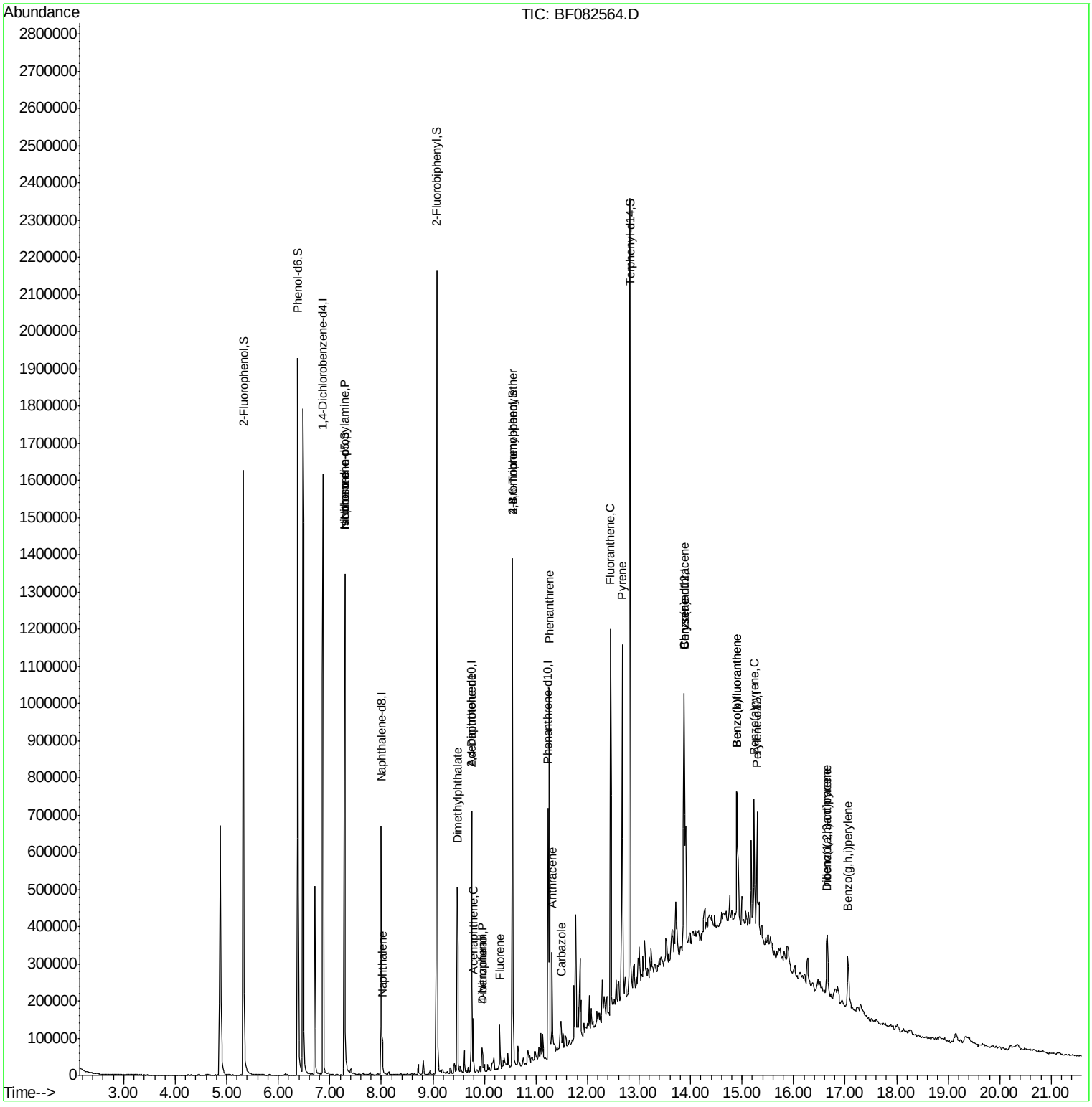
(#) = qualifier out of range (m) = manual integration (+) = signals summed

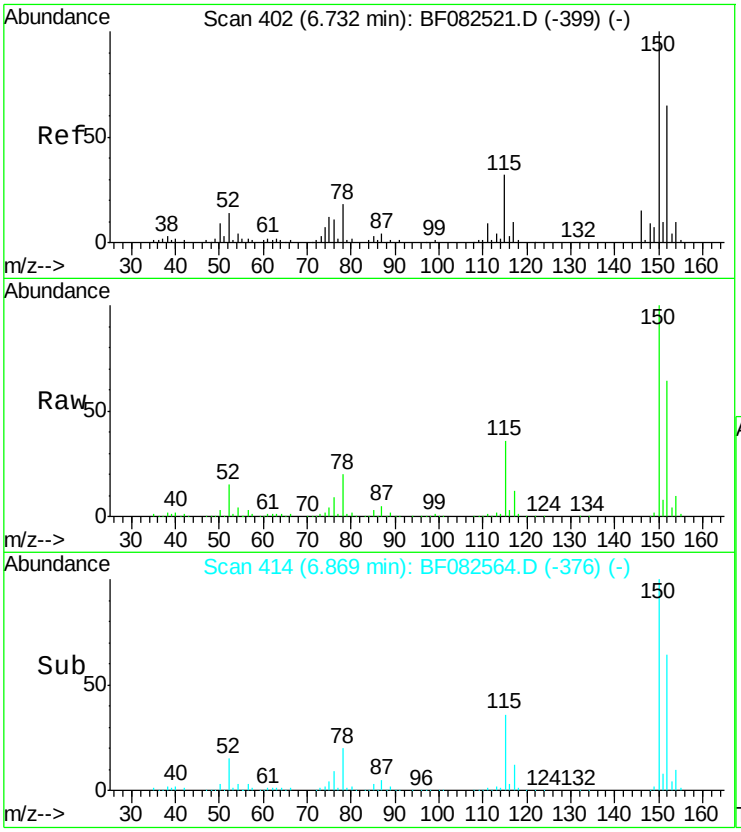
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082564.D
Acq On : 27 Oct 2015 23:38
Operator : UM/IZ
Sample : G4168-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-2-20151026

Quant Time: Oct 28 01:08:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration



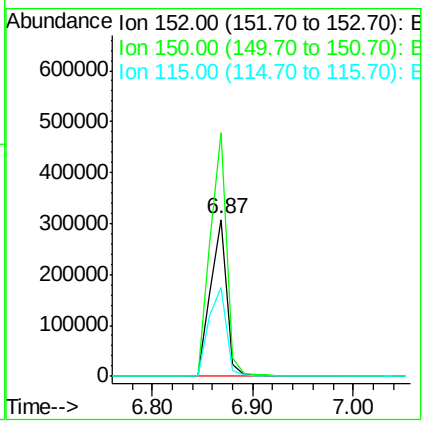


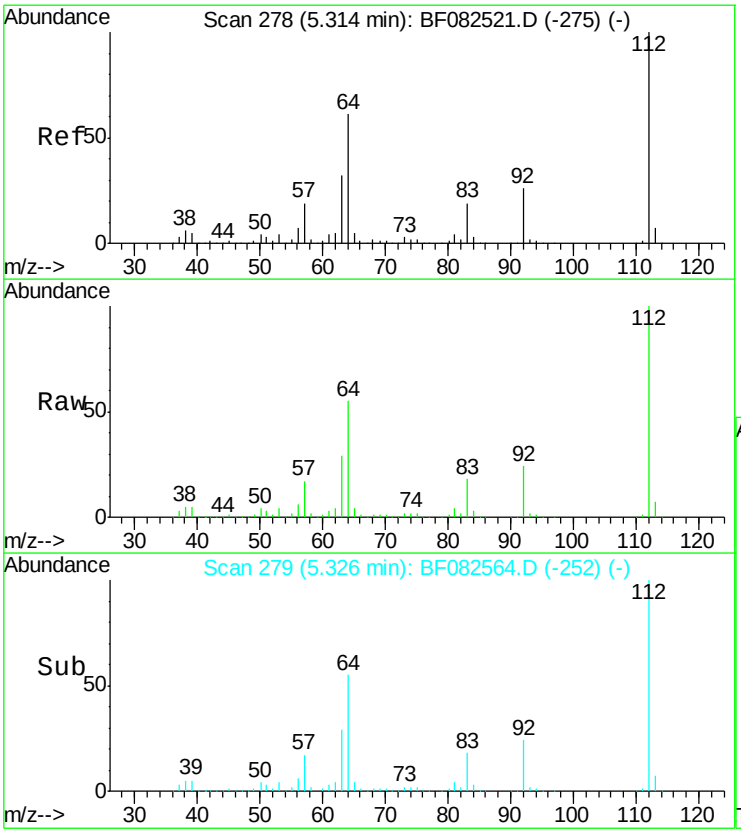
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. 0.14 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:152 Resp: 346505

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.4	185.0
115	56.7	39.0	58.4

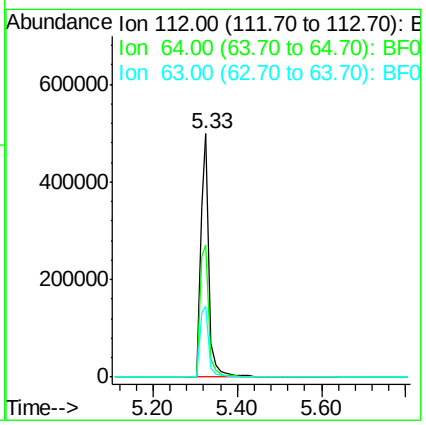


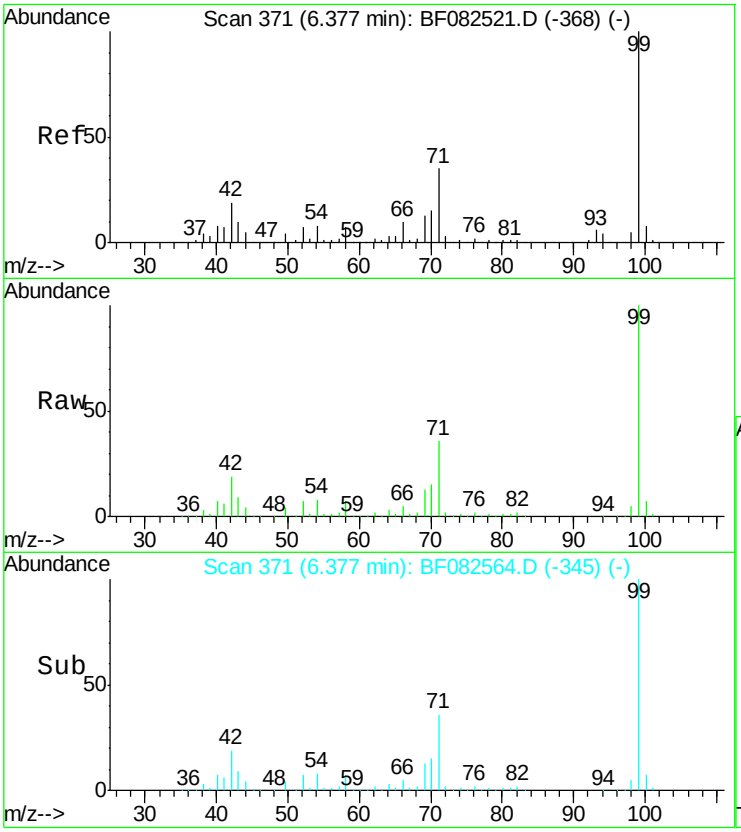


#5
2-Fluorophenol
Concen: 39.04 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:112 Resp: 685300

Ion	Ratio	Lower	Upper
112	100		
64	54.5	49.0	73.4
63	28.9	25.8	38.6



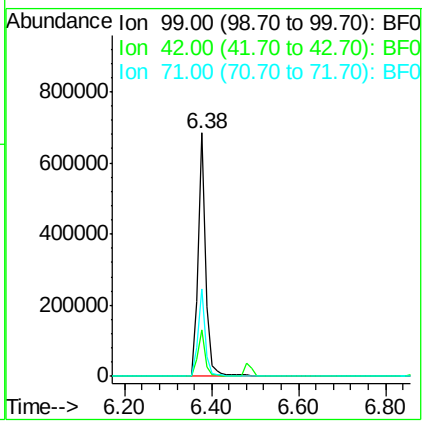


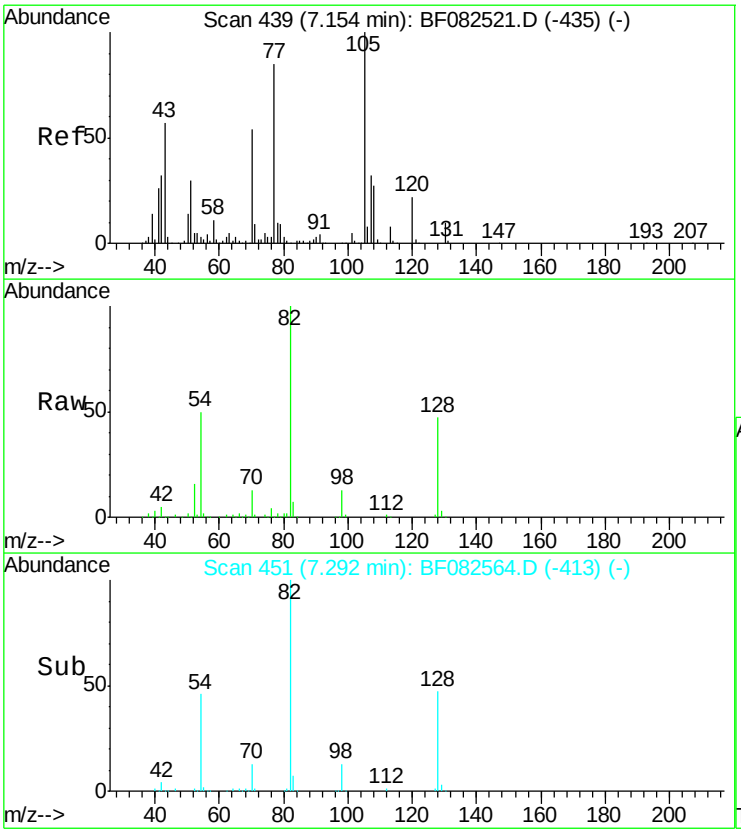
#7
Phenol-d6
Concen: 35.63 ng
RT: 6.38 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion: 99 Resp: 815141

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.9	28.2	42.2

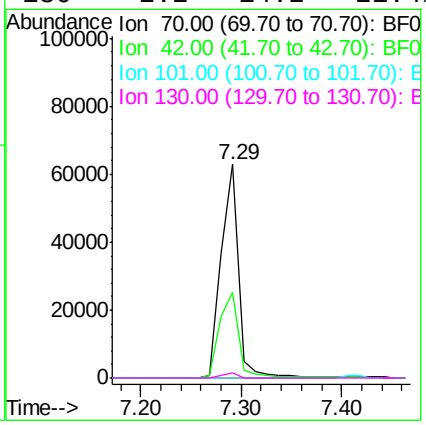


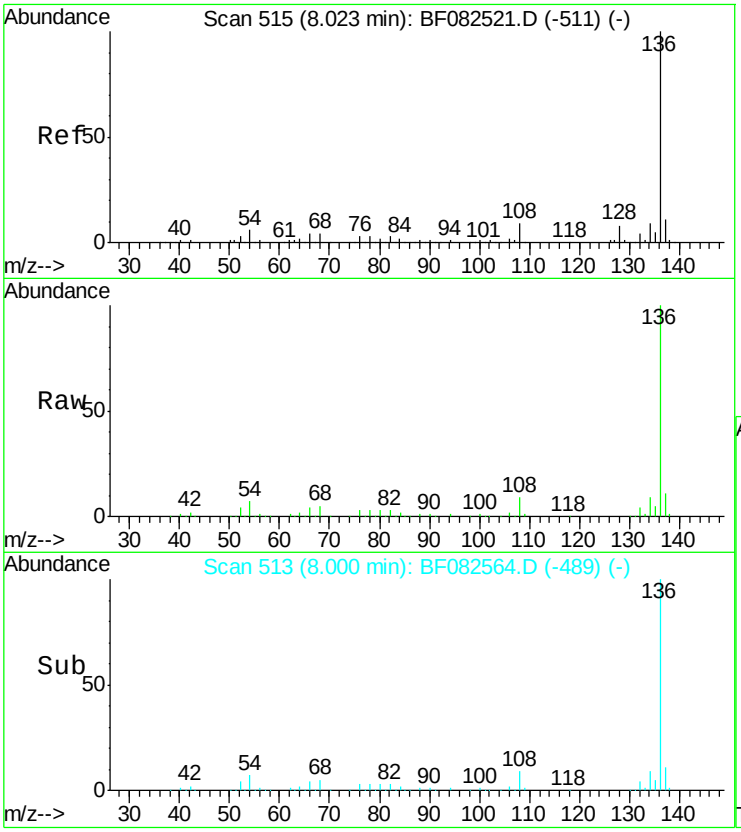


#19
n-Nitroso-di-n-propylamine
Concen: 5.12 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion: 70 Resp: 76367

Ion	Ratio	Lower	Upper
70	100		
42	39.9	46.9	70.3#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



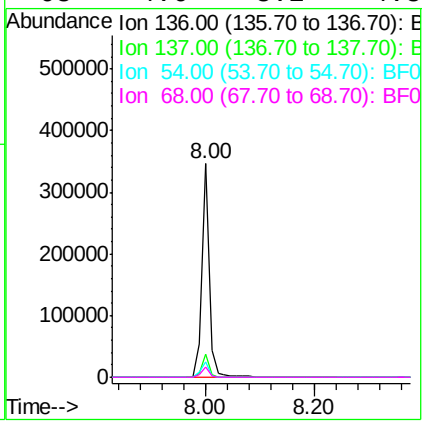


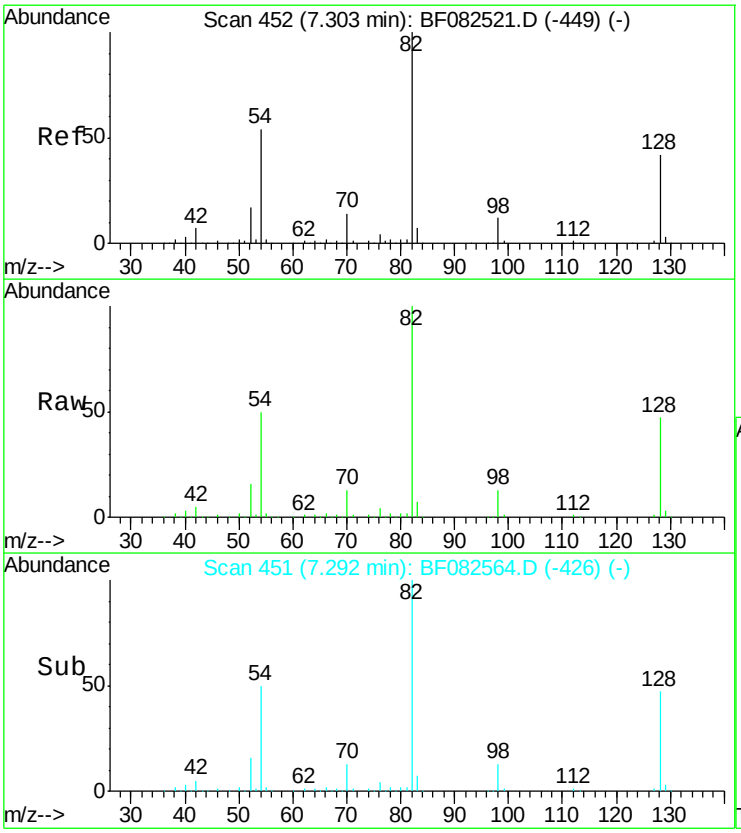
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:136 Resp: 321380

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.3	4.6	7.0#
68	4.6	3.2	4.8

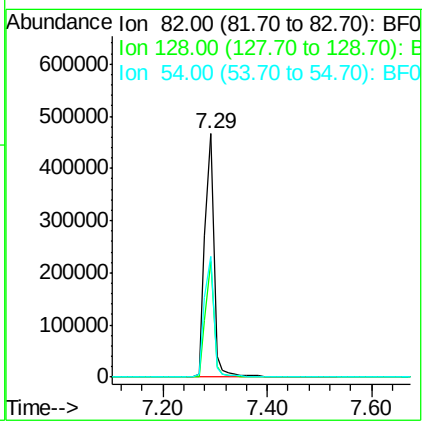


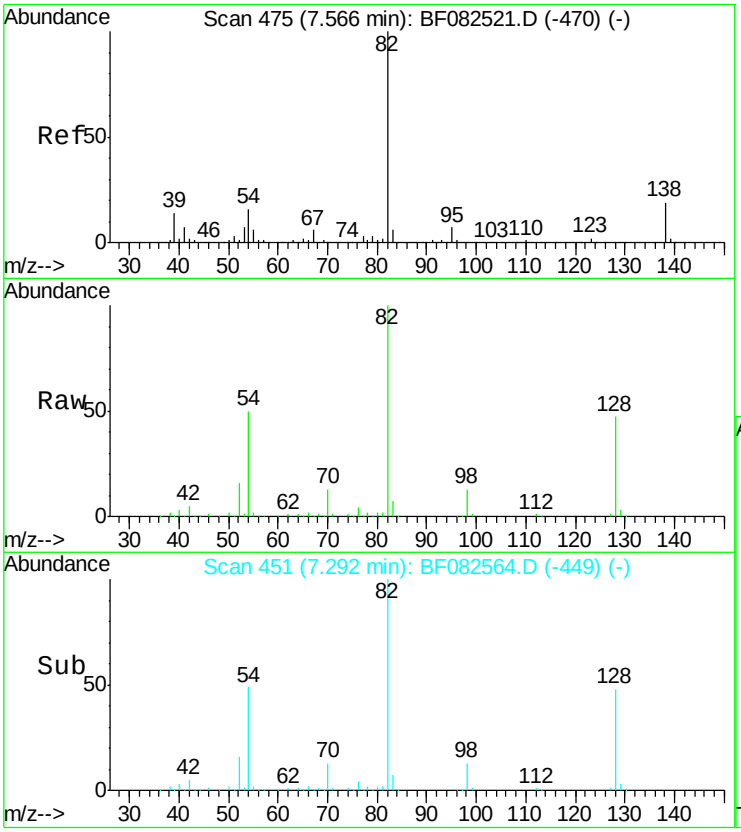


#23
Nitrobenzene-d5
Concen: 115.20 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion: 82 Resp: 573882

Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.4	50.0
54	49.6	43.5	65.3



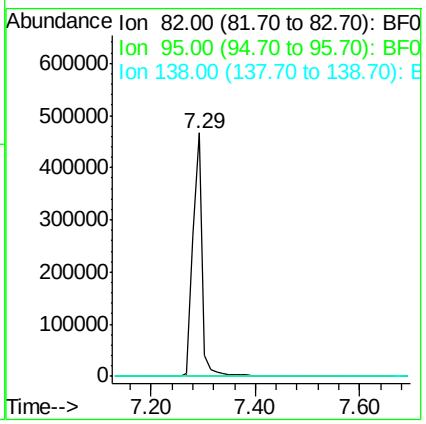


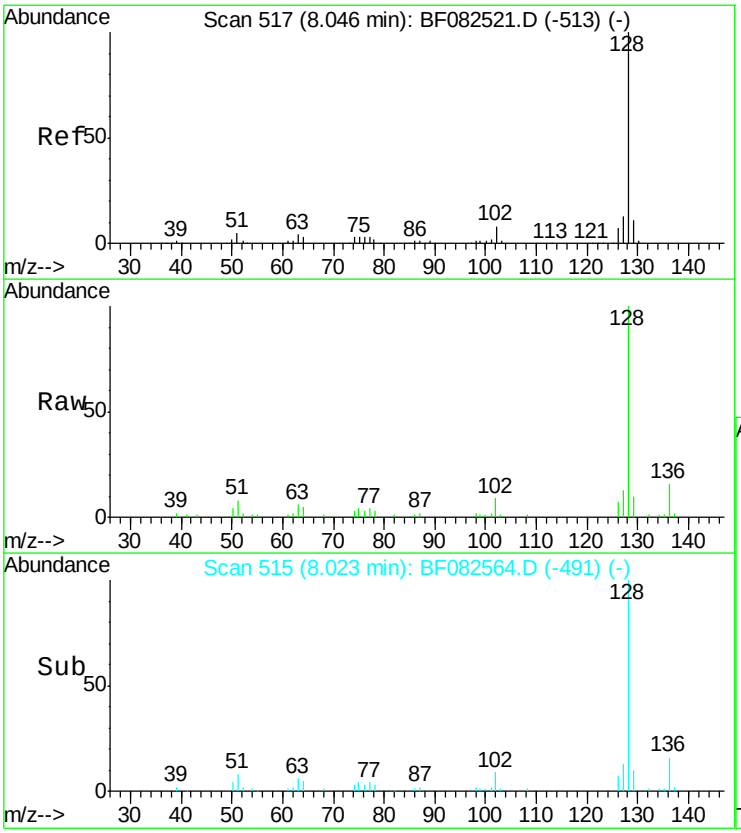
#25
Isophorone
Concen: 56.78 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.27 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion: 82 Resp: 561950

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#

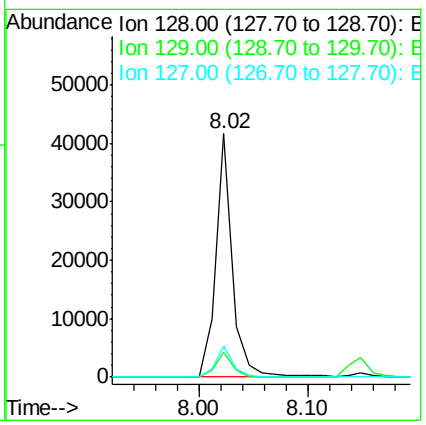


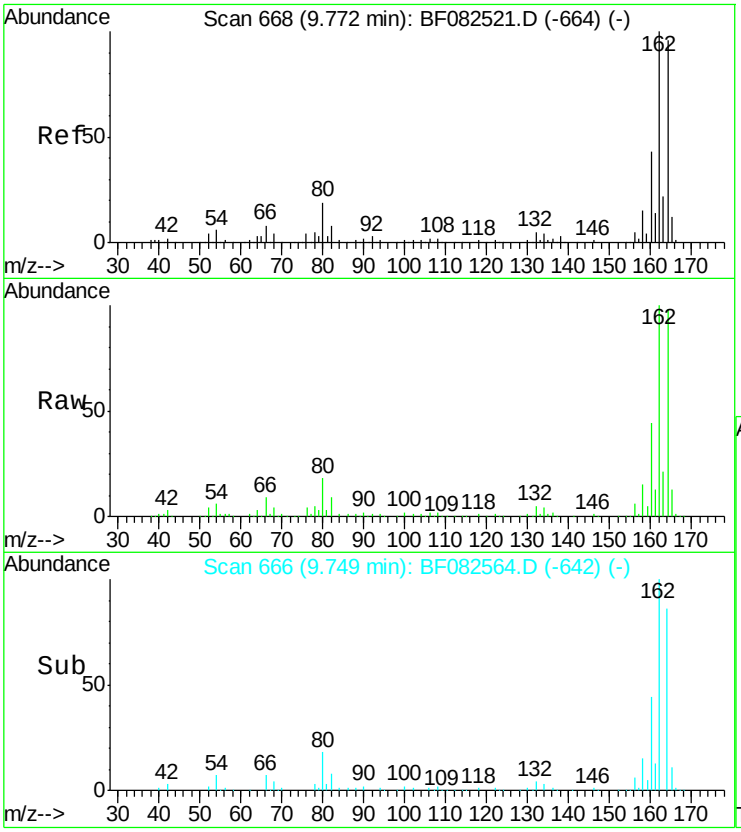


#31
Naphthalene
Concen: 3.04 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:128 Resp: 44586

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	12.6	10.7	16.1



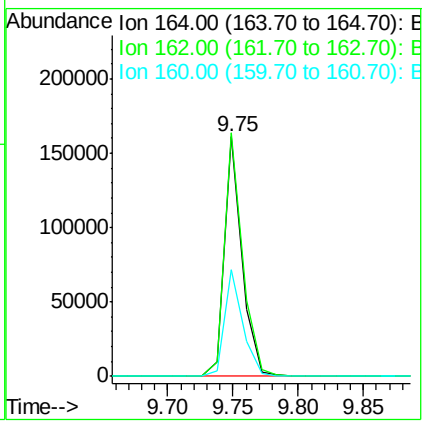


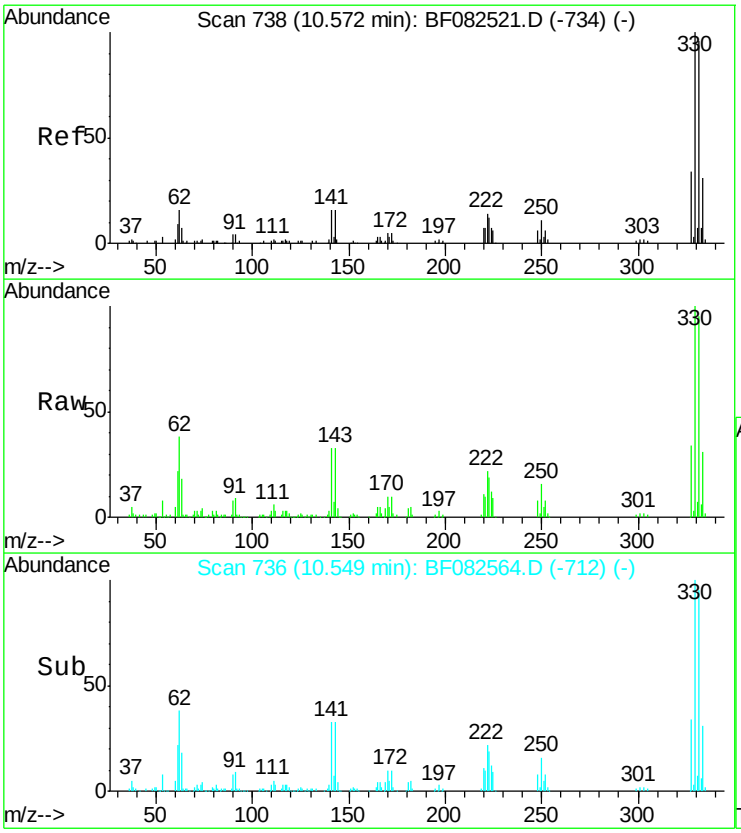
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:164 Resp: 151469

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.6	125.4
160	44.3	36.0	54.0

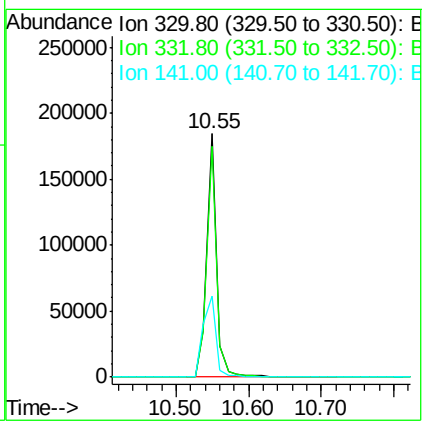


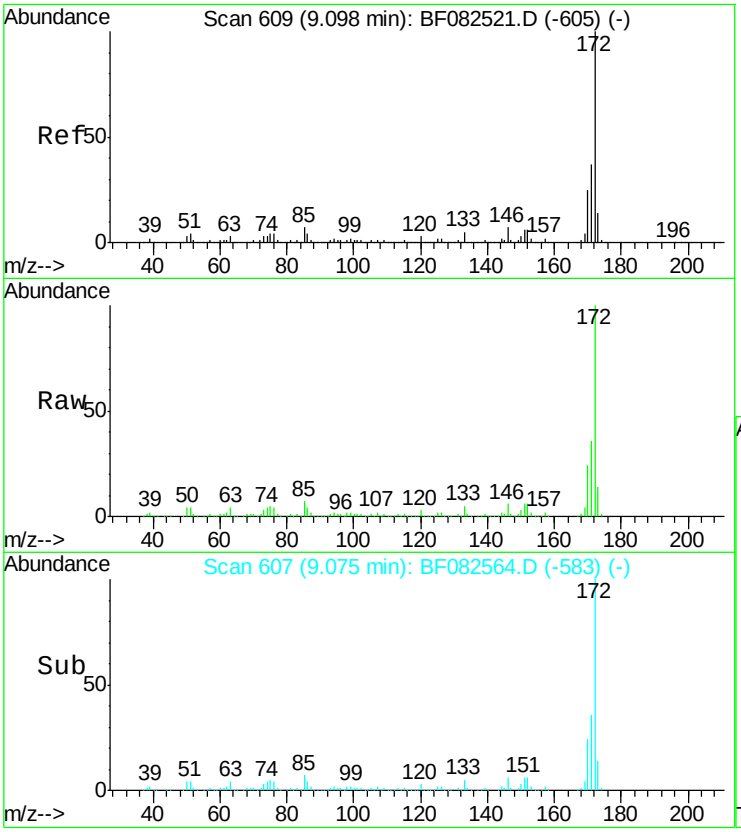


#41
2,4,6-Tribromophenol
Concen: 155.23 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:330 Resp: 176074

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.0
141	43.8	32.5	48.7



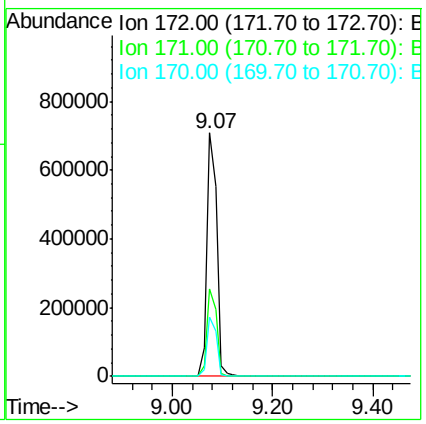


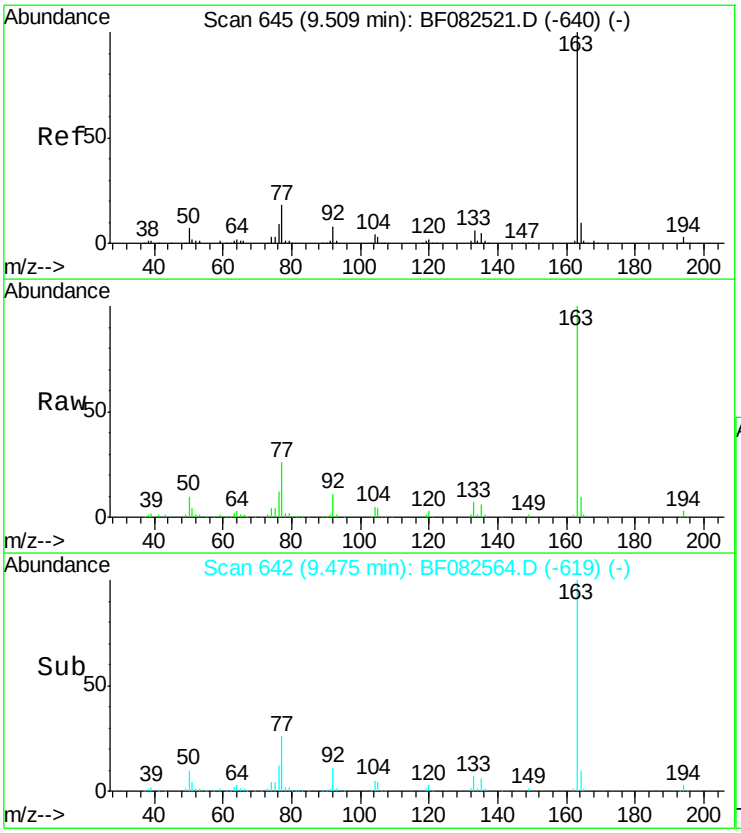
#44
2-Fluorobiphenyl
Concen: 101.45 ng
RT: 9.07 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:172 Resp: 966334

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.2	19.8	29.6

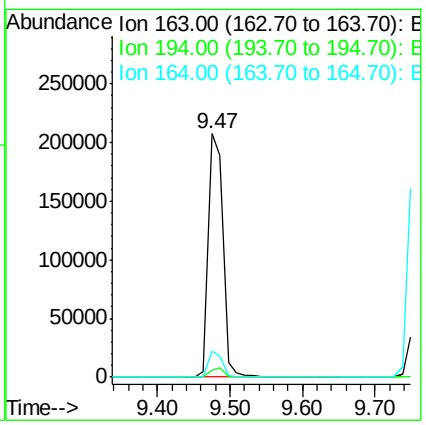


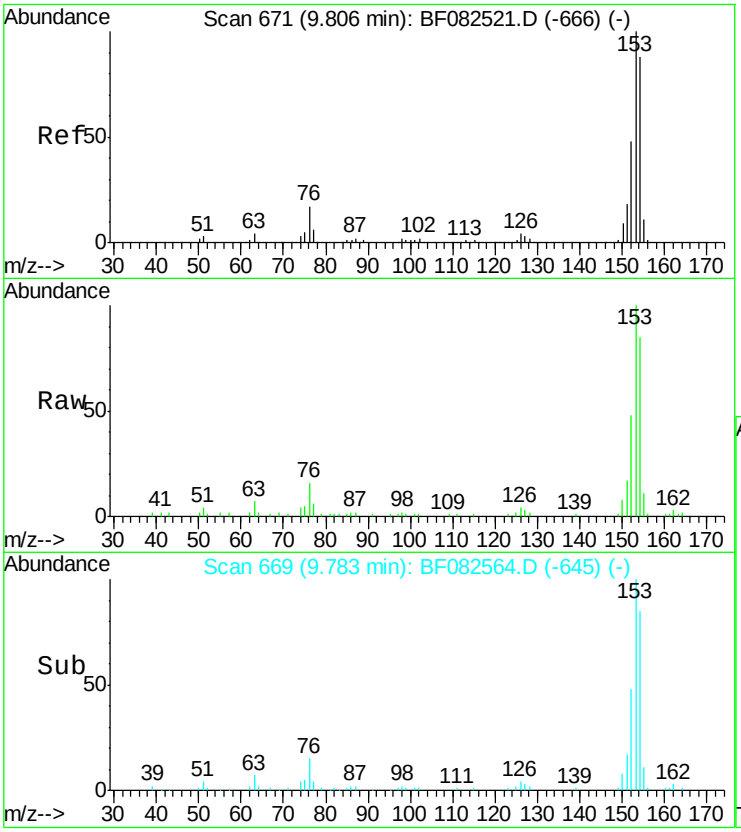


#49
Dimethylphthalate
Concen: 27.62 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:163 Resp: 291090

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.5	8.2	12.4



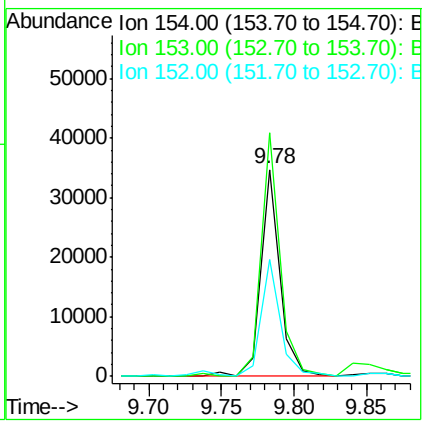


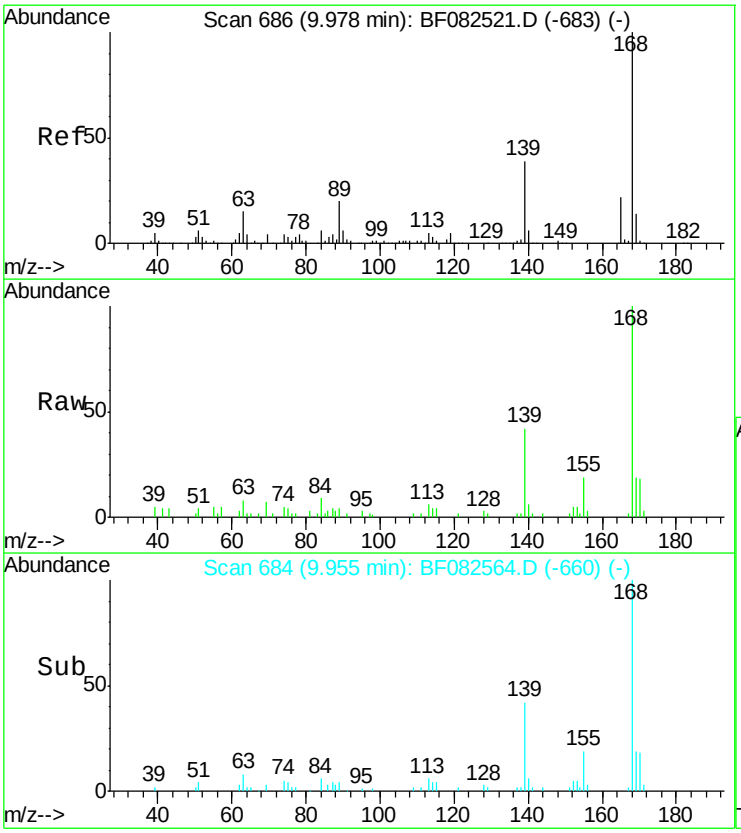
#51
Acenaphthene
Concen: 3.88 ng
RT: 9.78 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:154 Resp: 31649

Ion	Ratio	Lower	Upper
154	100		
153	117.6	90.7	136.1
152	56.3	44.0	66.0

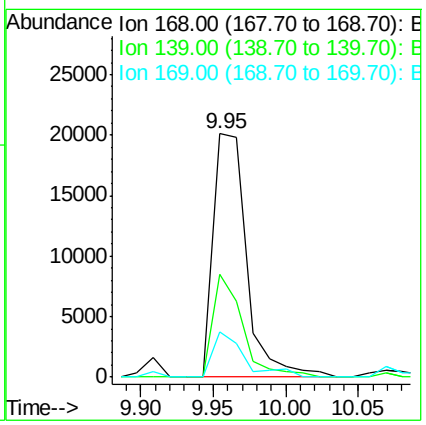


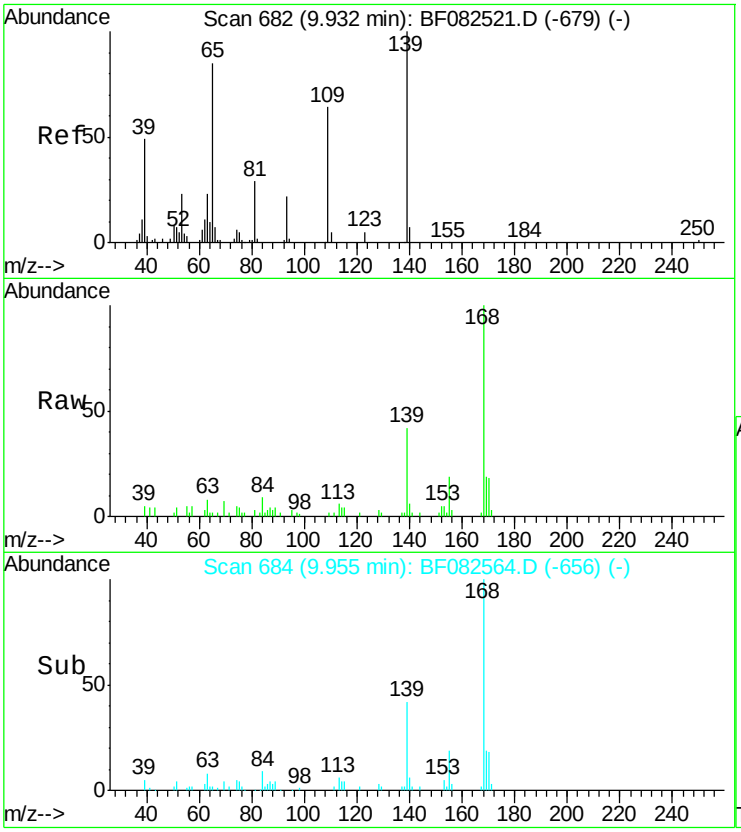


#54
Dibenzofuran
Concen: 2.70 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:168 Resp: 32183

Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.0	49.6
169	18.7	11.0	16.4#



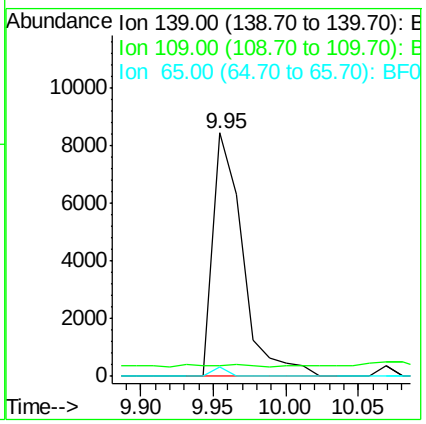


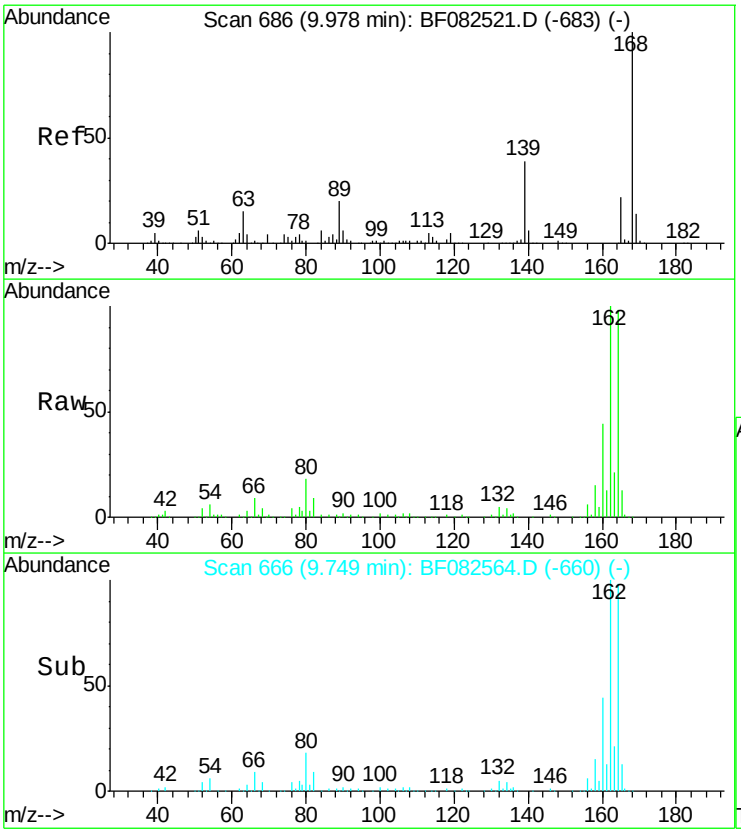
#55
4-Nitrophenol
Concen: 19.20 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:139 Resp: 11979

Ion	Ratio	Lower	Upper
139	100		
109	4.5	44.2	84.2#
65	3.6	68.1	108.1#

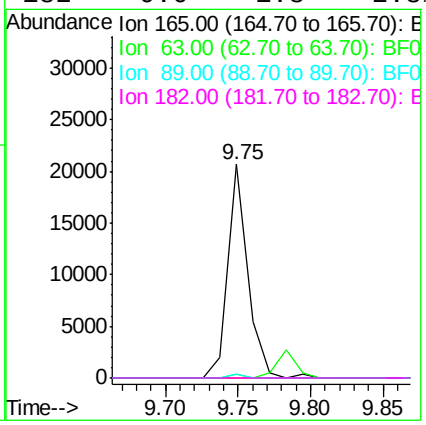


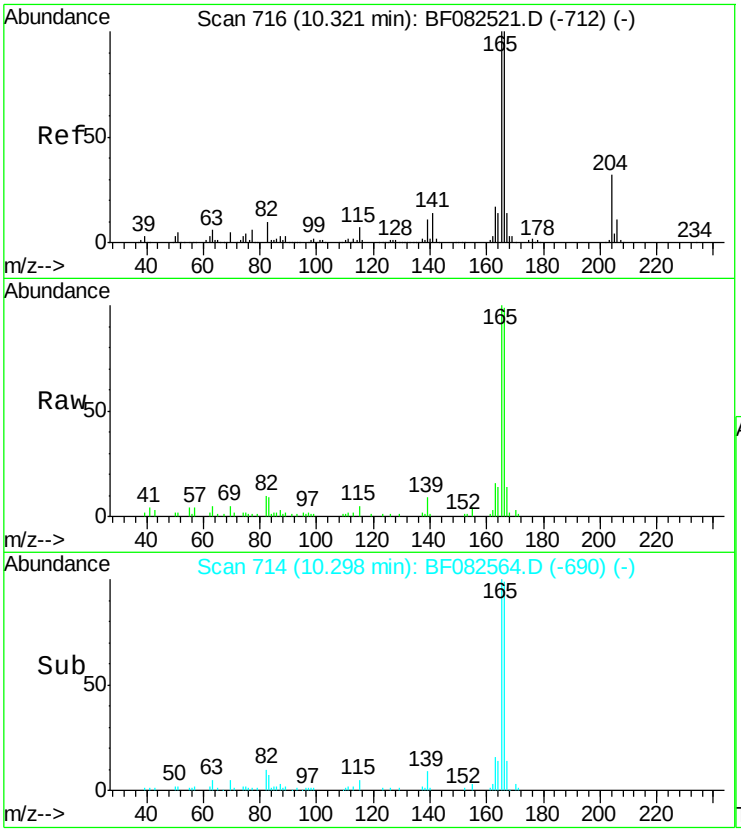


#56
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:165 Resp: 19879

Ion	Ratio	Lower	Upper
165	100		
63	2.0	58.6	88.0#
89	1.7	72.3	108.5#
182	0.0	1.8	2.8#



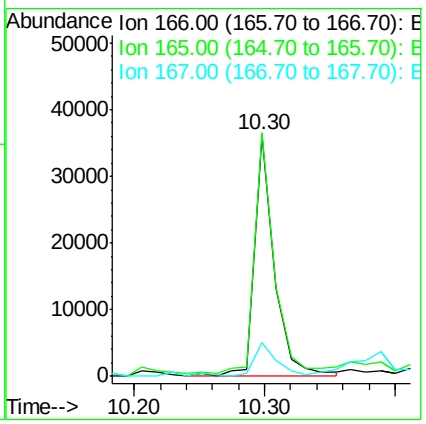


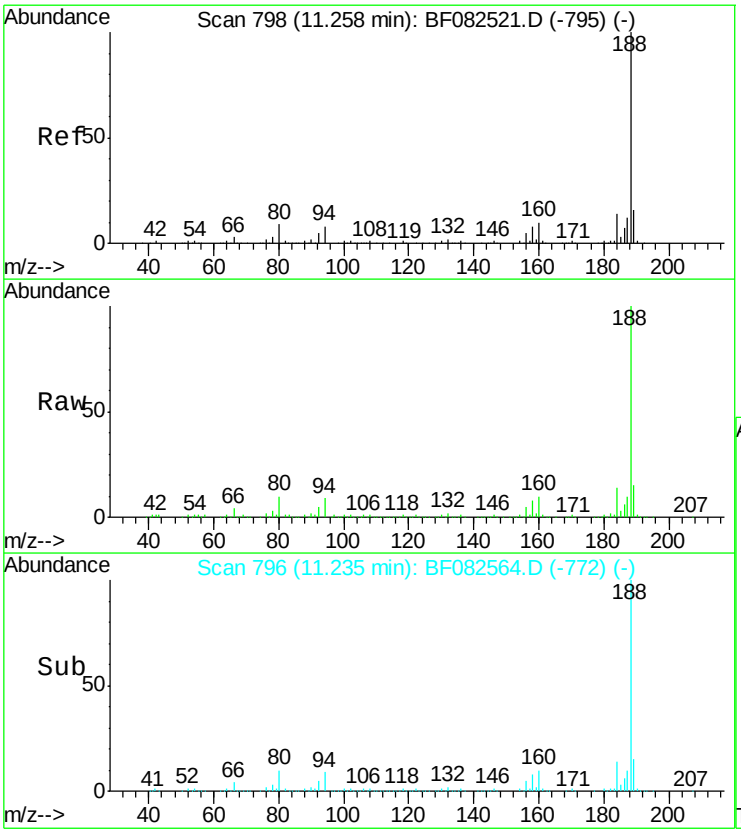
#57
Fluorene
Concen: 3.98 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:166 Resp: 38881

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.7	119.5
167	14.1	11.0	16.4

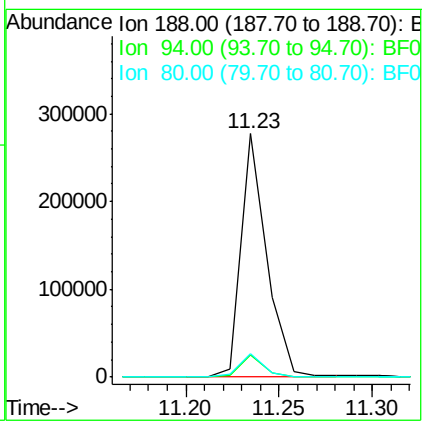


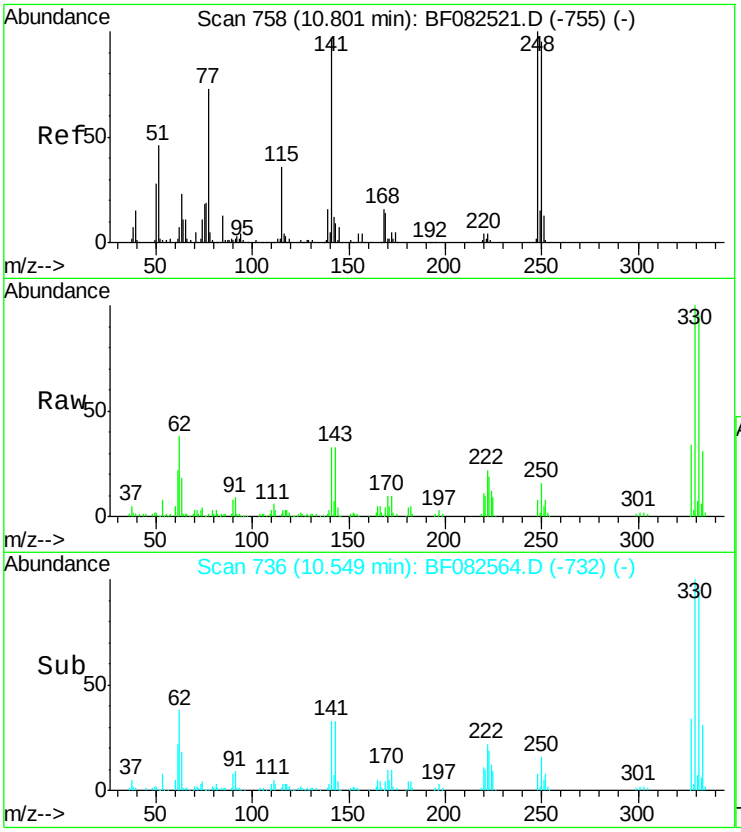


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:188 Resp: 266148

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.4	9.6
80	9.8	7.0	10.6



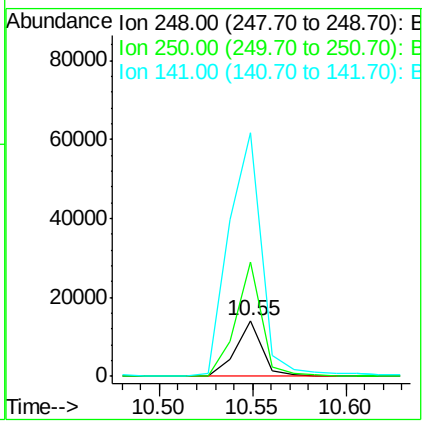


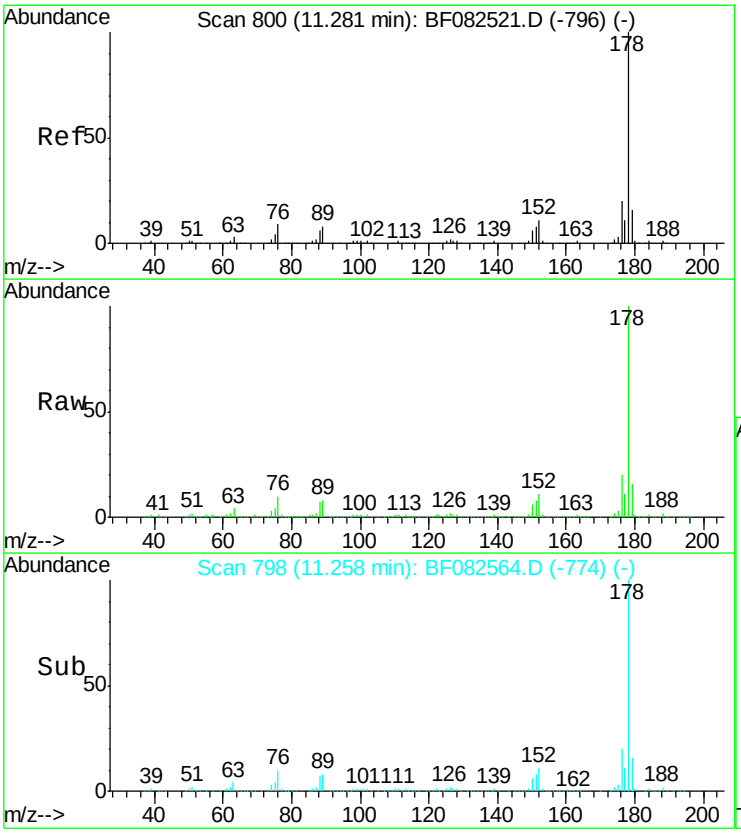
#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.25 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:248 Resp: 13880

Ion	Ratio	Lower	Upper
248	100		
250	205.6	76.0	114.0#
141	436.9	77.5	116.3#

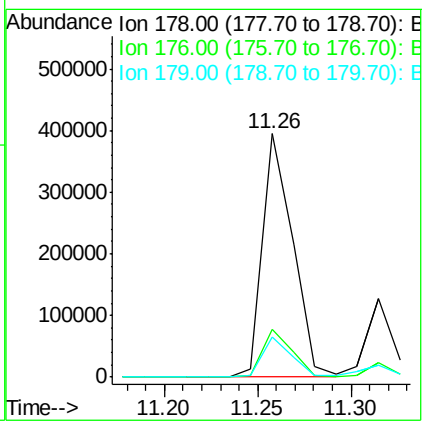


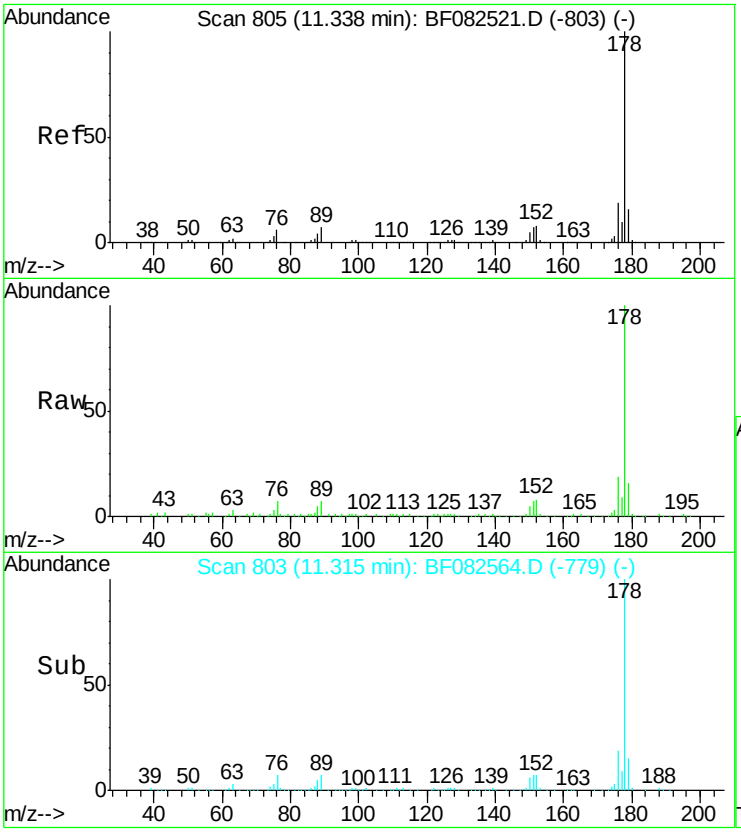


#70
Phenanthrene
Concen: 32.30 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:178 Resp: 442349

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.3	12.8	19.2



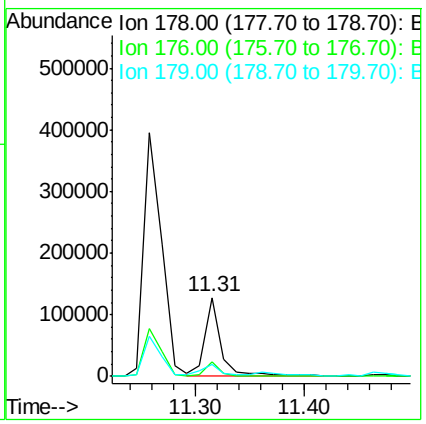


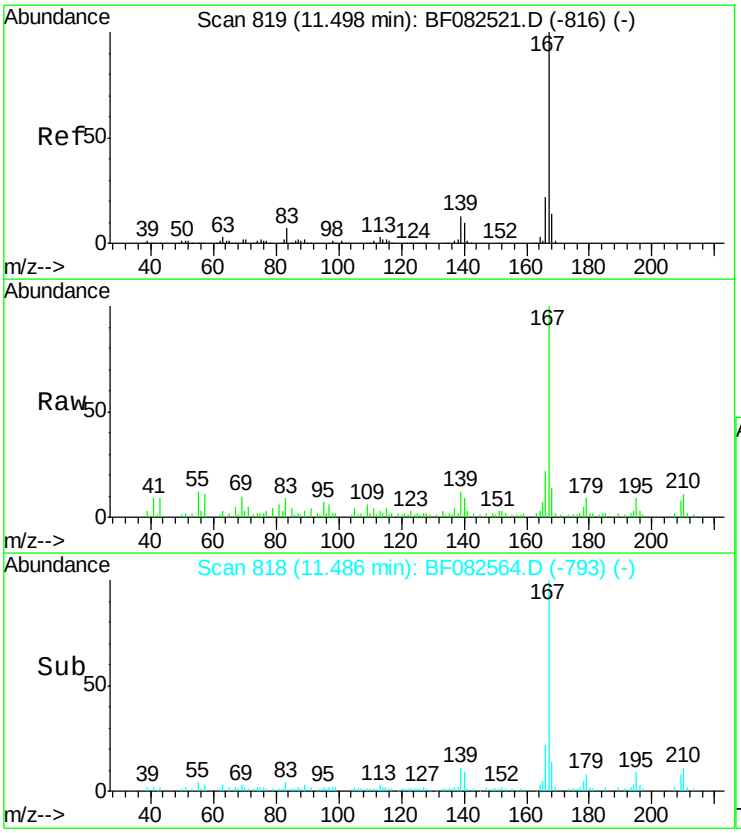
#71
Anthracene
Concen: 9.51 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:178 Resp: 131208

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.7	12.6	19.0

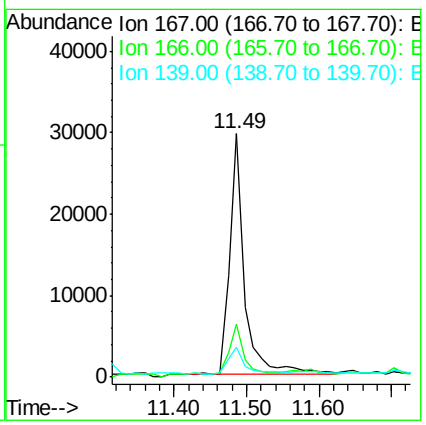


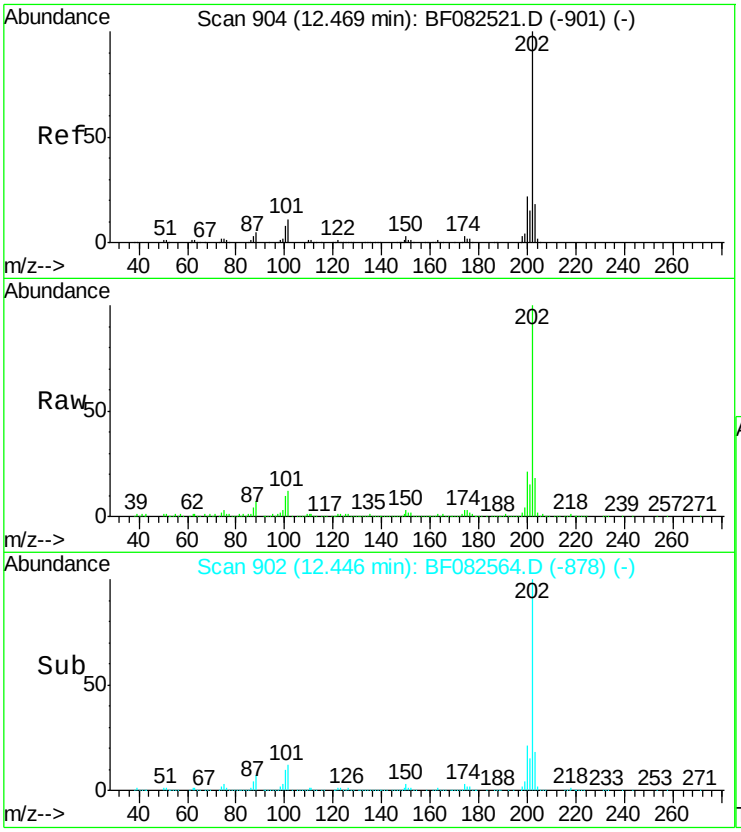


#72
Carbazole
Concen: 3.46 ng
RT: 11.49 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:167 Resp: 42086

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.3	10.4	15.6



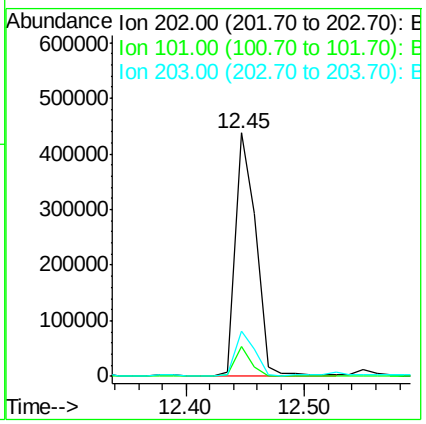


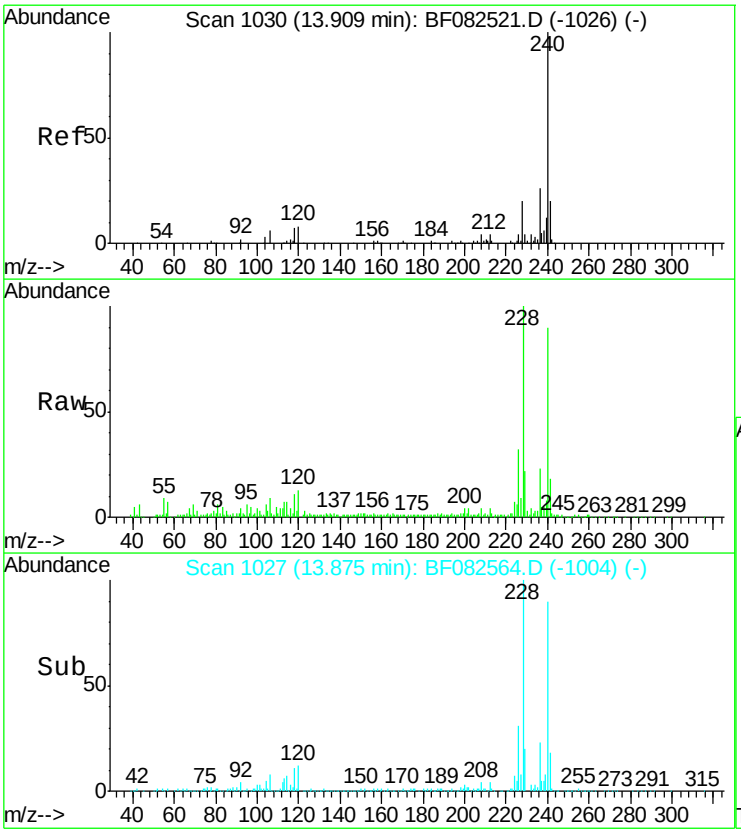
#74
Fluoranthene
Concen: 37.38 ng
RT: 12.45 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:202 Resp: 525572

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	18.3	0.0	38.1

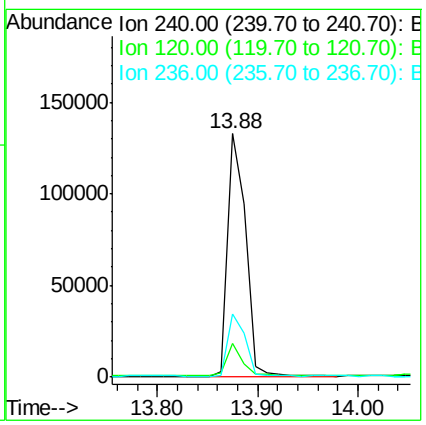


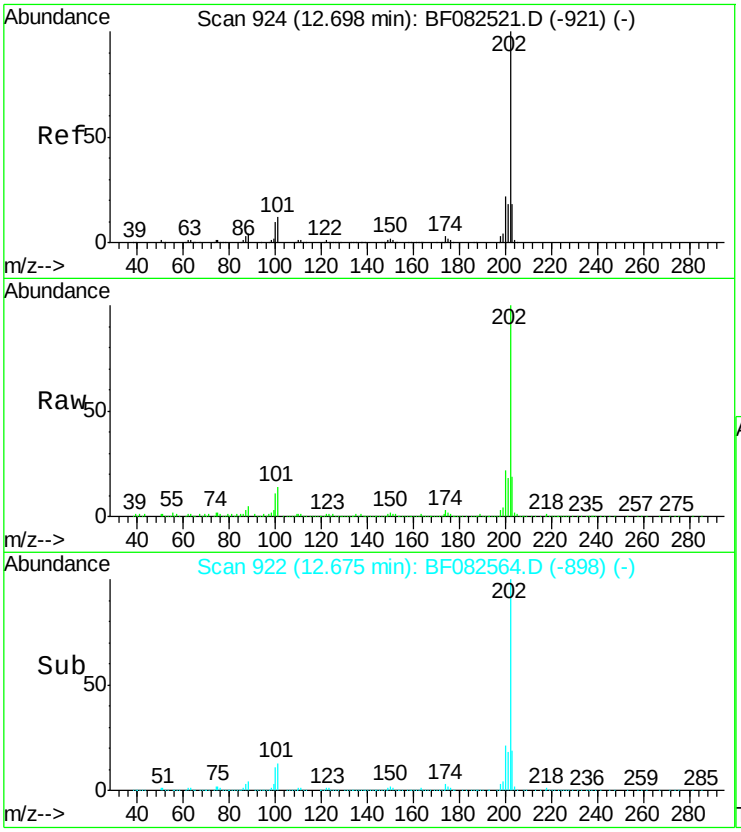


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:240 Resp: 165608

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.5	9.7#
236	26.0	20.5	30.7



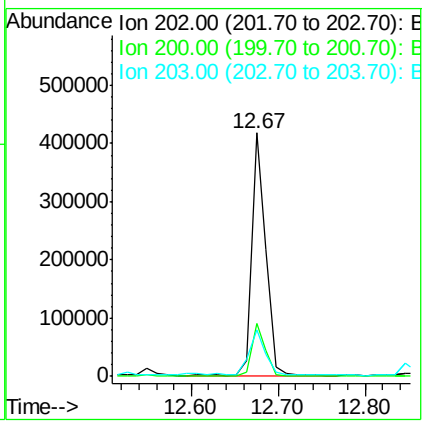


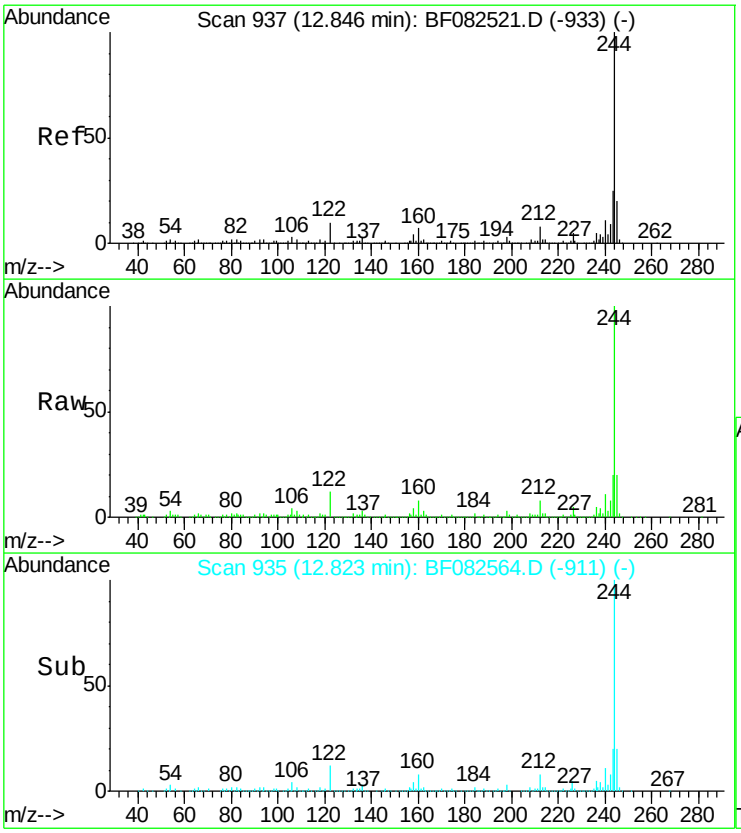
#77
Pyrene
Concen: 46.46 ng
RT: 12.67 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:202 Resp: 473299

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.9	14.6	22.0

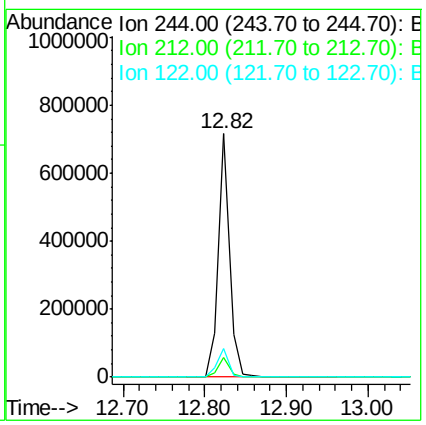


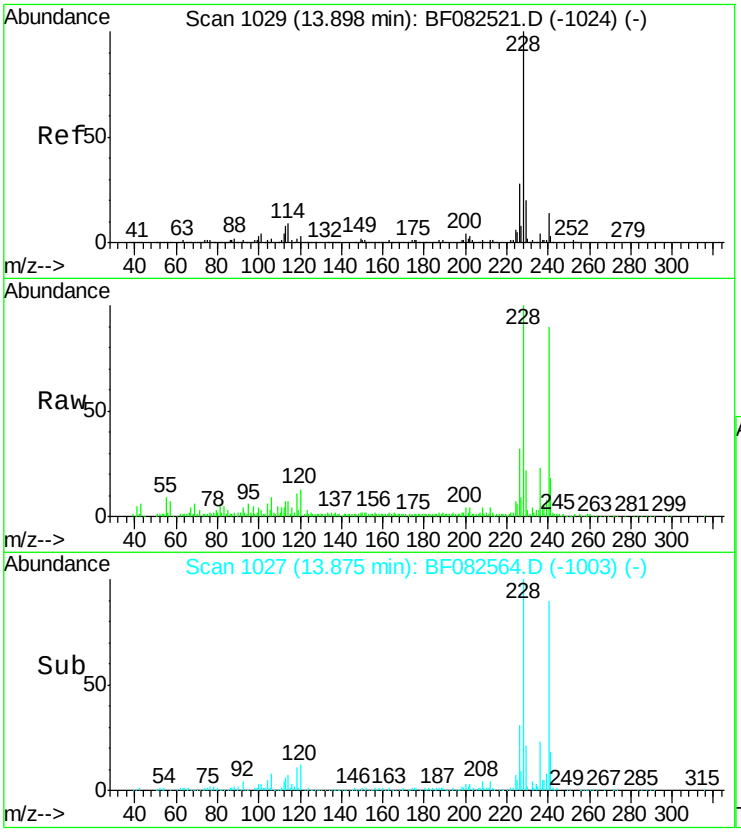


#78
Terphenyl-d14
Concen: 118.92 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:244 Resp: 683599

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	11.7	8.1	12.1



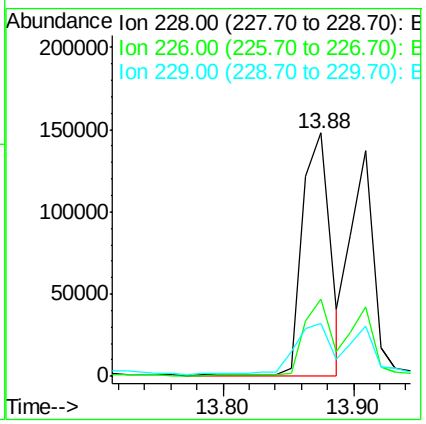


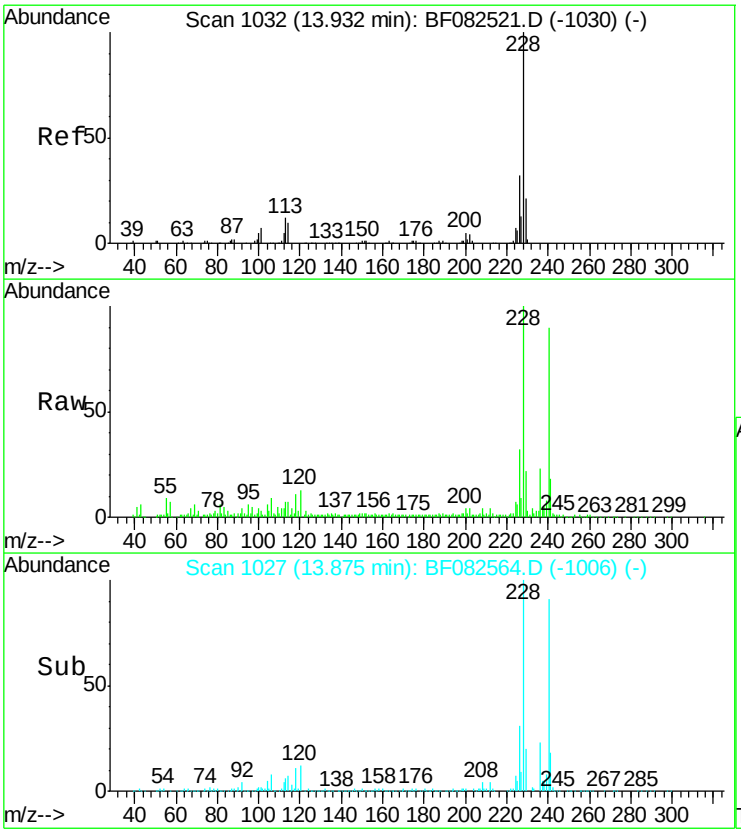
#80
Benzo(a)anthracene
Concen: 24.29 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:228 Resp: 215654

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	21.6	16.1	24.1

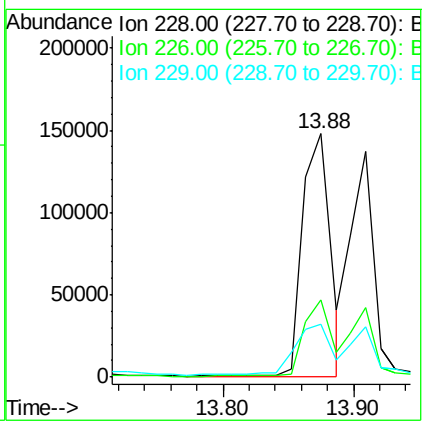


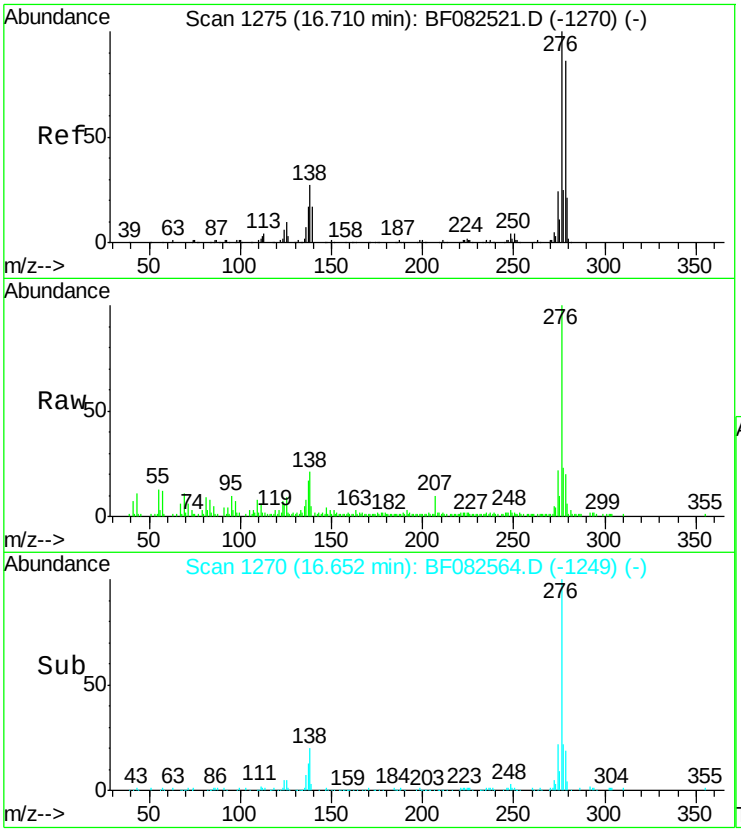


#82
Chrysene
Concen: 25.71 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.06 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:228 Resp: 215654

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	21.6	16.3	24.5



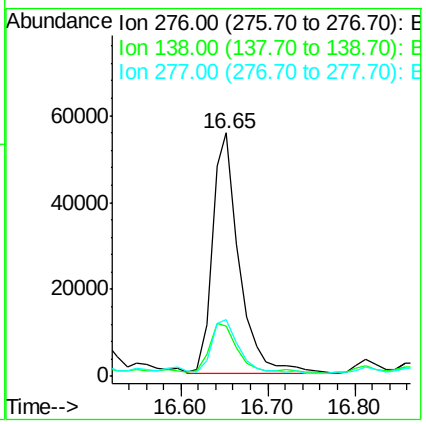


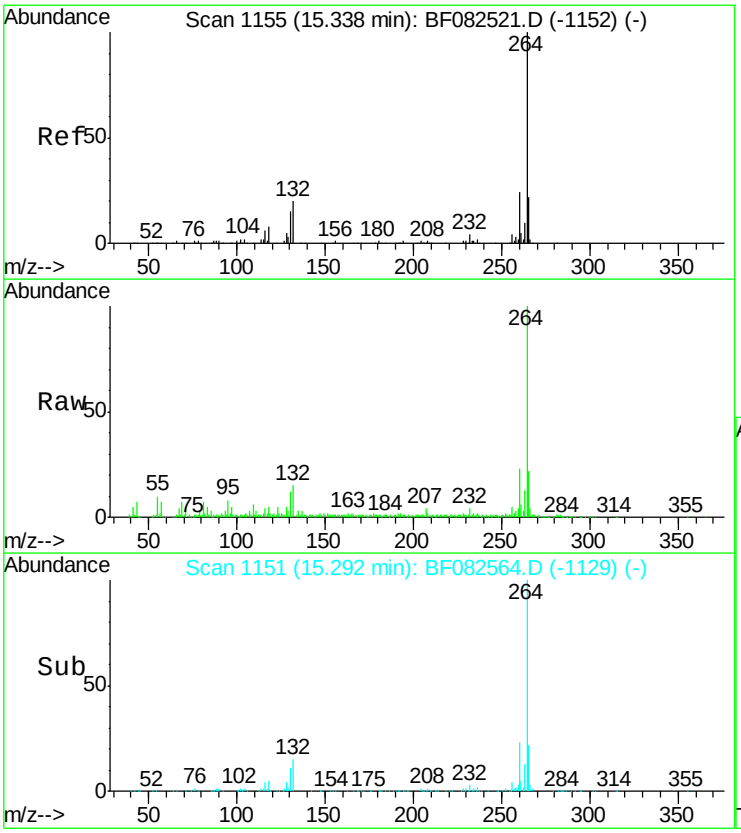
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.33 ng
RT: 16.65 min Scan# 1270
Delta R.T. -0.06 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:276 Resp: 118145

Ion	Ratio	Lower	Upper
276	100		
138	20.7	20.6	30.8
277	23.3	19.9	29.9

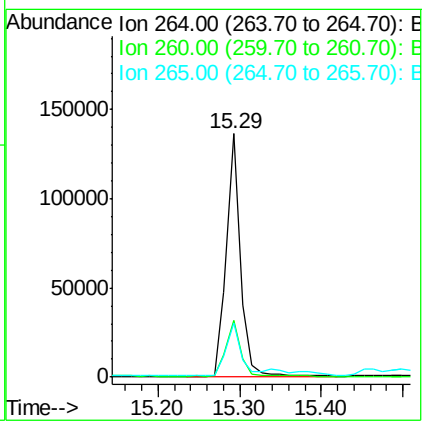


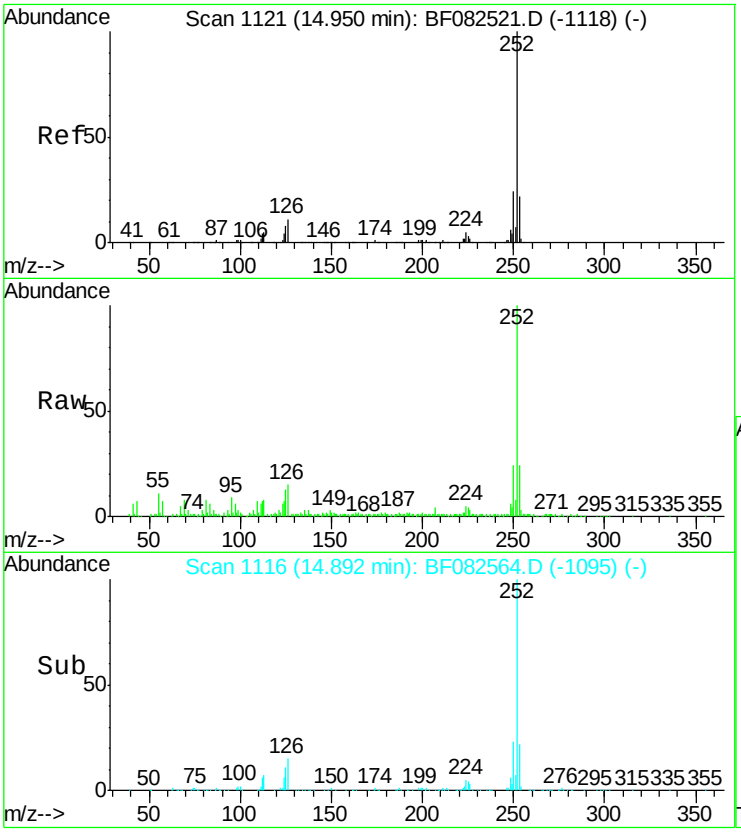


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:264 Resp: 168049

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	22.4	17.8	26.6



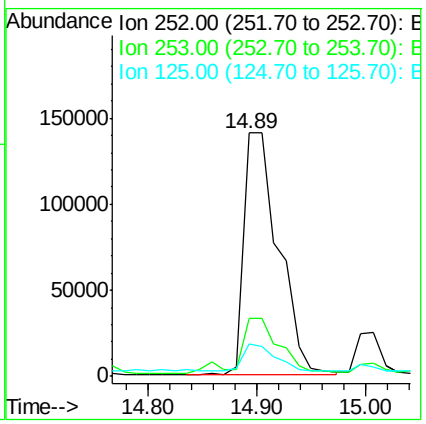


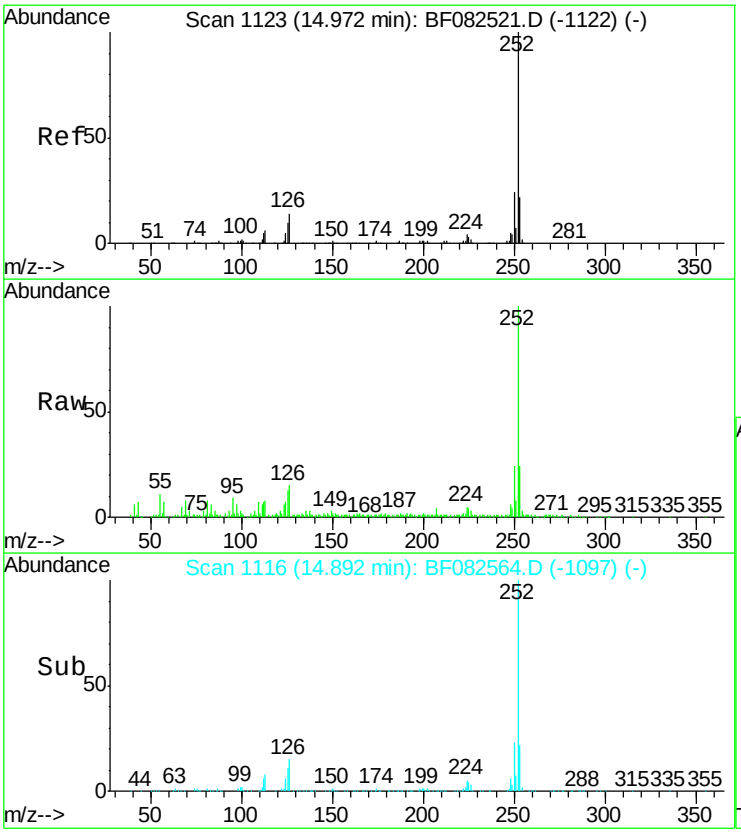
#87
Benzo(b)fluoranthene
Concen: 31.29 ng
RT: 14.89 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:252 Resp: 312302

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	13.2	6.6	10.0#

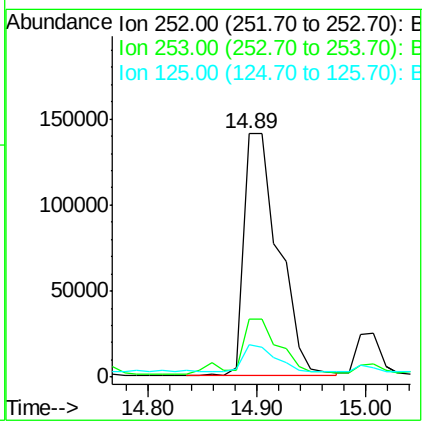


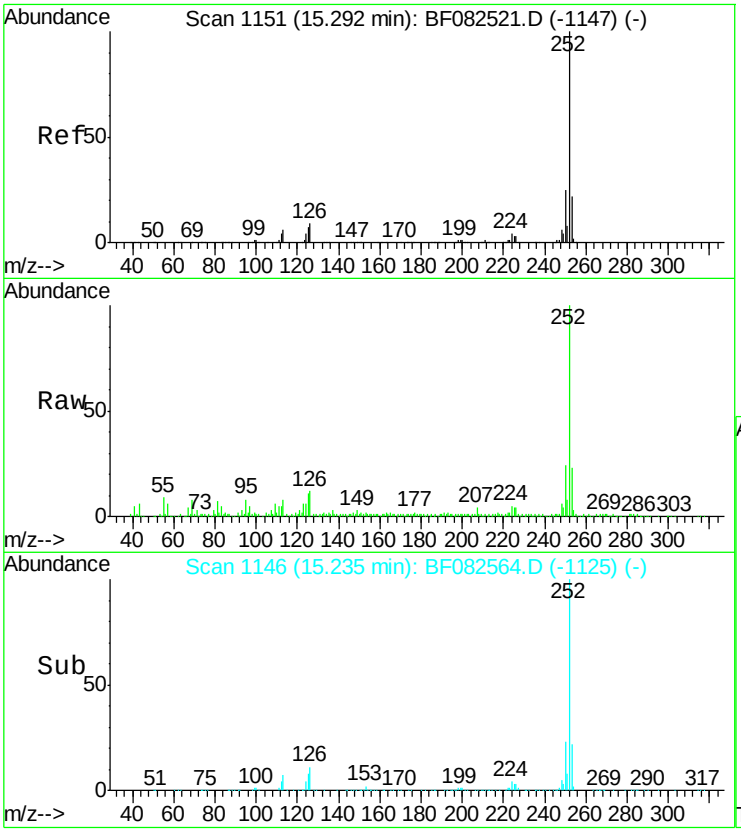


#88
Benzo(k)fluoranthene
Concen: 38.39 ng
RT: 14.89 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:252 Resp: 312302

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	13.2	8.7	13.1#



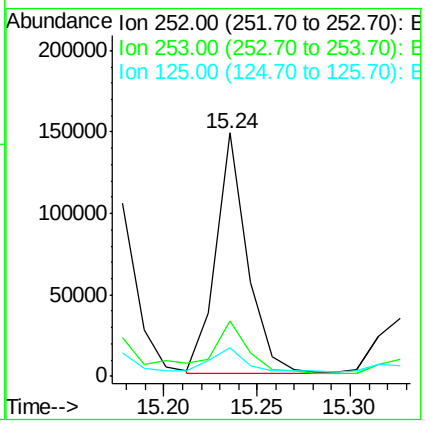


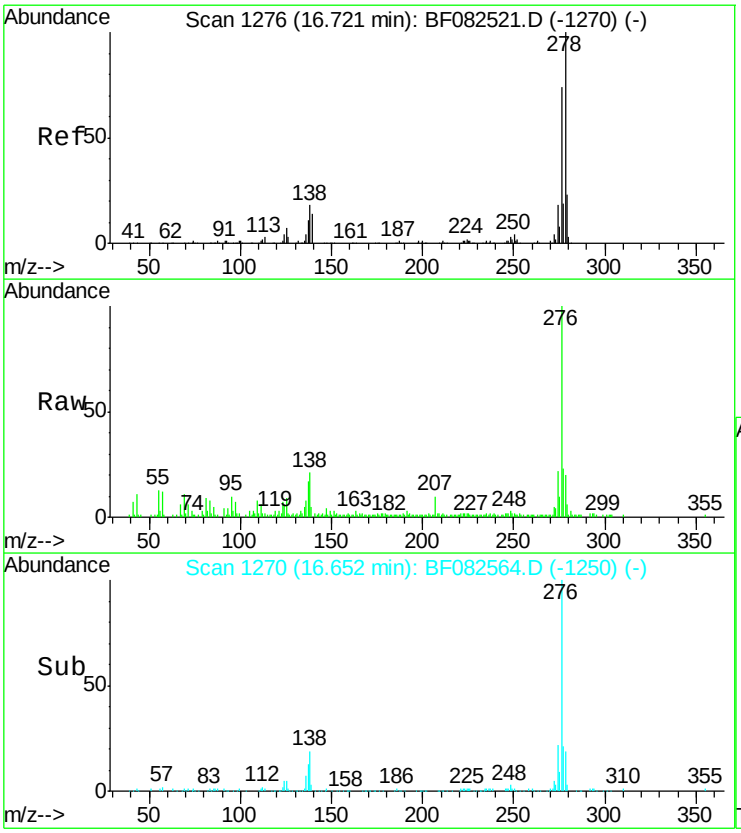
#89
Benzo(a)pyrene
Concen: 20.36 ng
RT: 15.24 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:252 Resp: 176001

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.5	5.9	8.9#

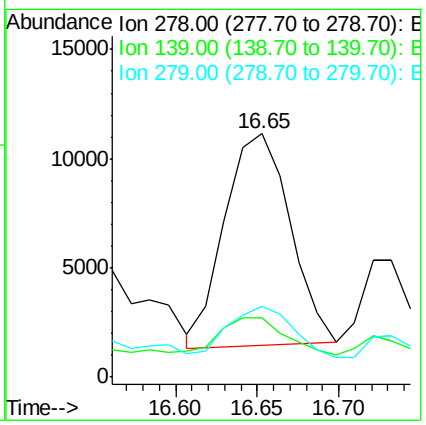


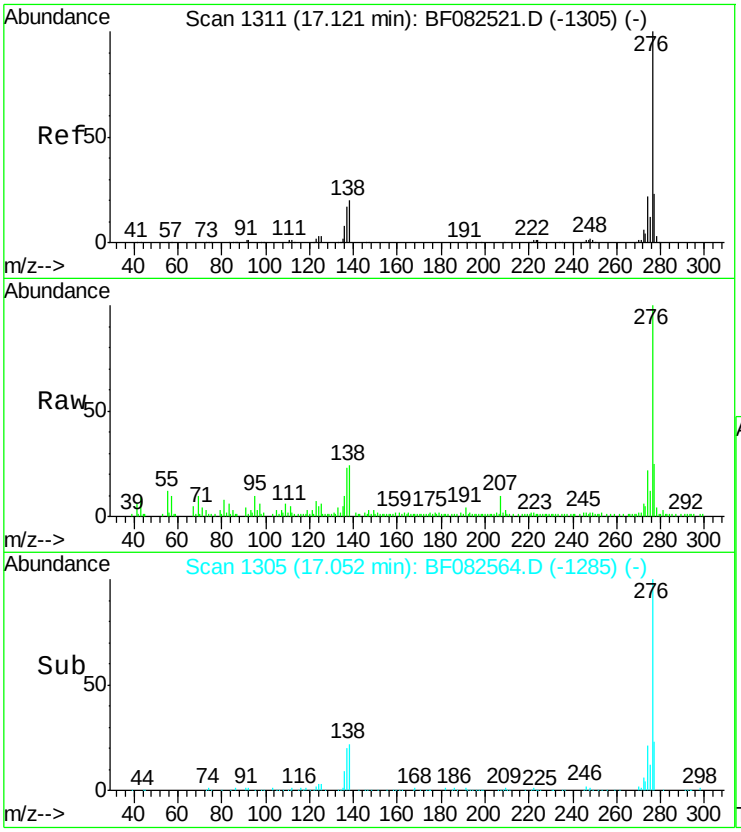


#90
Dibenzo(a,h)anthracene
Concen: 3.74 ng
RT: 16.65 min Scan# 1270
Delta R.T. -0.07 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Tgt Ion:278 Resp: 27021

Ion	Ratio	Lower	Upper
278	100		
139	24.1	11.6	17.4#
279	29.3	18.7	28.1#





#91
Benzo(g,h,i)perylene
Concen: 16.12 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF082564.D
Acq: 27 Oct 2015 23:38

Instrument :
BNA_F
ClientSampleId :
CWC-2-20151026

Tgt Ion:276 Resp: 115373

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	24.3	16.0	24.0#