Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082612.D
Acq On : 31 Oct 2015 10:44
Operator : UM/IZ
Sample : G4178-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S6-BOILERROOM2.5FTDEEP

Quant Time: Nov 02 00:27:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	245156	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	968356	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	509918	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	821916	20.00	ng		0.00
75) Chrysene-d12	14.09	240	528345	20.00	ng		0.01
86) Perylene-d12	15.55	264	482201	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2217075	136.21	ng		0.02
7) Phenol-d6	6.54	99	2981855	137.89	ng		0.01
23) Nitrobenzene-d5	7.47	82	2097485	88.45	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	620513	111.19	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	3036848	84.56	ng		0.00
78) Terphenyl-d14	13.04	244	2346110	97.18	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	69048	4.68	ng		81
19) n-Nitroso-di-n-propylamine	7.47	70	309946	18.91	ng	#	71
31) Naphthalene	8.21	128	2889111	55.14	ng		98
33) 4-Chloroaniline	8.21	127	414542	18.53	ng	#	28
37) 2-Methylnaphthalene	8.91	142	411019	12.10	ng		94
45) 1,1'-Biphenyl	9.37	154	155084	3.60	ng		96
48) Acenaphthylene	9.80	152	170785	3.17	ng		98
49) Dimethylphthalate	9.66	163	769934	18.49	ng		99
51) Acenaphthene	9.98	154	524189	15.35	ng		99
53) 2,4-Dinitrophenol	10.24	184	324	6.76	ng	#	1
54) Dibenzofuran	10.16	168	869422	18.76	ng		92
55) 4-Nitrophenol	10.16	139	371427	51.41	ng	#	2
57) Fluorene	10.50	166	627785	16.79	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	44738	4.80	ng	#	1
70) Phenanthrene	11.47	178	6300145	135.90	ng		92
71) Anthracene	11.52	178	1386928	29.71	ng		100
72) Carbazole	11.67	167	1387597	34.13	ng		100
74) Fluoranthene	12.67	202	6147926	129.73	ng		93
77) Pyrene	12.67	202	6113842	156.27	ng		92
80) Benzo(a)anthracene	14.08	228	2341431	69.76	ng		97
82) Chrysene	14.08	228	2341431	76.97	ng		97
83) Bis(2-ethylhexyl)phthalate	14.08	149	45891	2.07	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	1116192	44.46	ng		94
87) Benzo(b)fluoranthene	15.14	252	2806622	84.41	ng	#	96
88) Benzo(k)fluoranthene	15.14	252	2806622	110.80	ng	#	95
89) Benzo(a)pyrene	15.44	252	1013320	38.70	ng		93
90) Dibenzo(a,h)anthracene	17.01	278	260425	10.66	ng		98
91) Benzo(g,h,i)perylene	17.44	276	1054805	44.55	ng		100

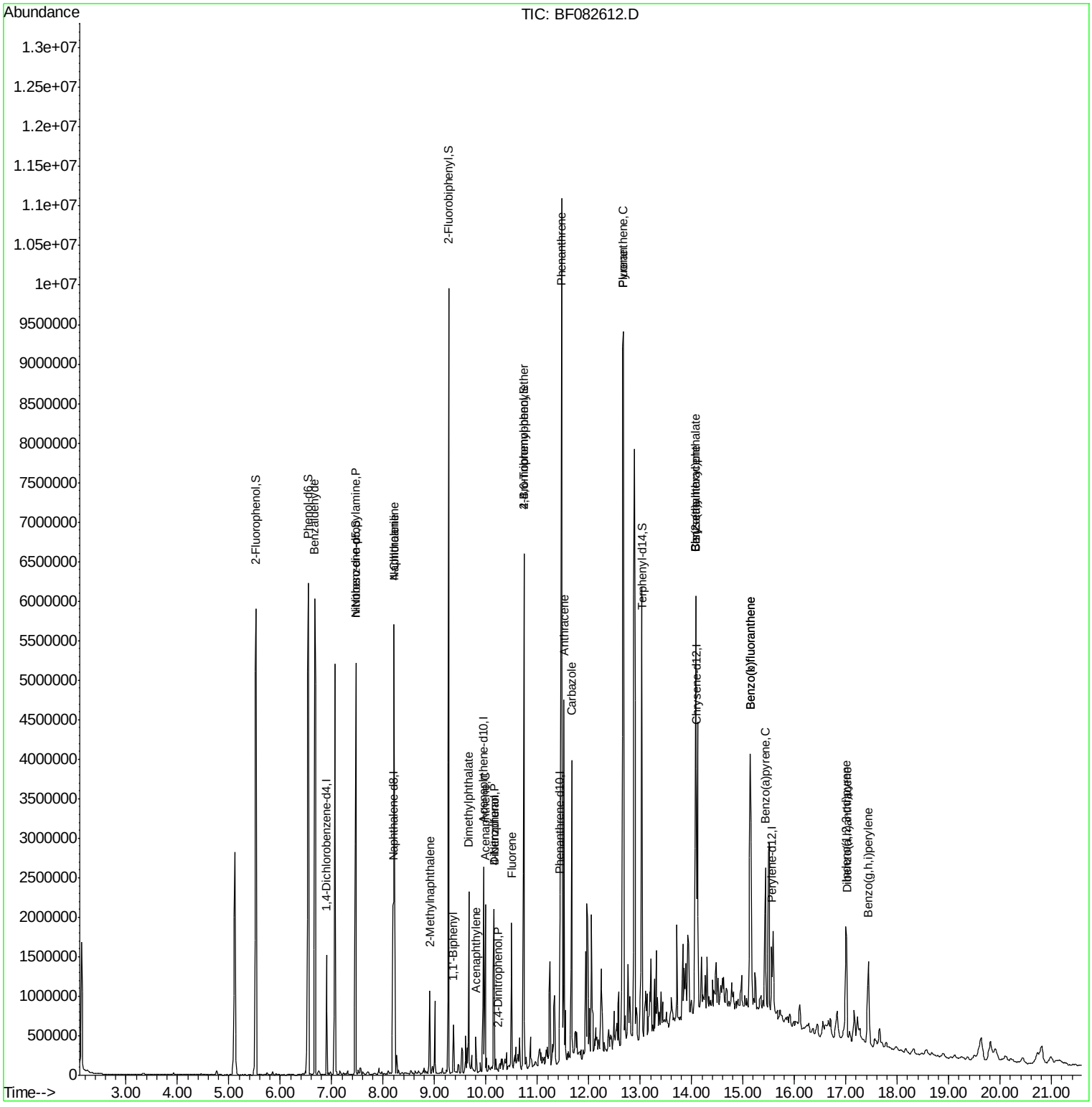
(#) = qualifier out of range (m) = manual integration (+) = signals summed

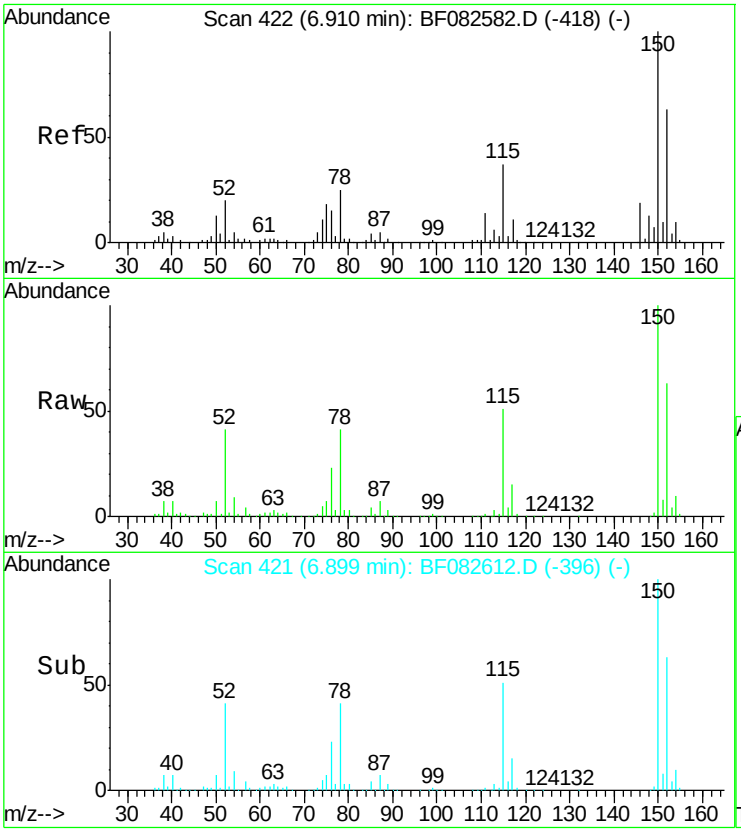
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082612.D
Acq On : 31 Oct 2015 10:44
Operator : UM/IZ
Sample : G4178-06RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Quant Time: Nov 02 00:27:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration



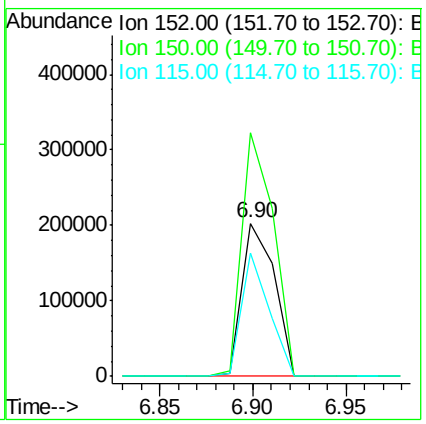


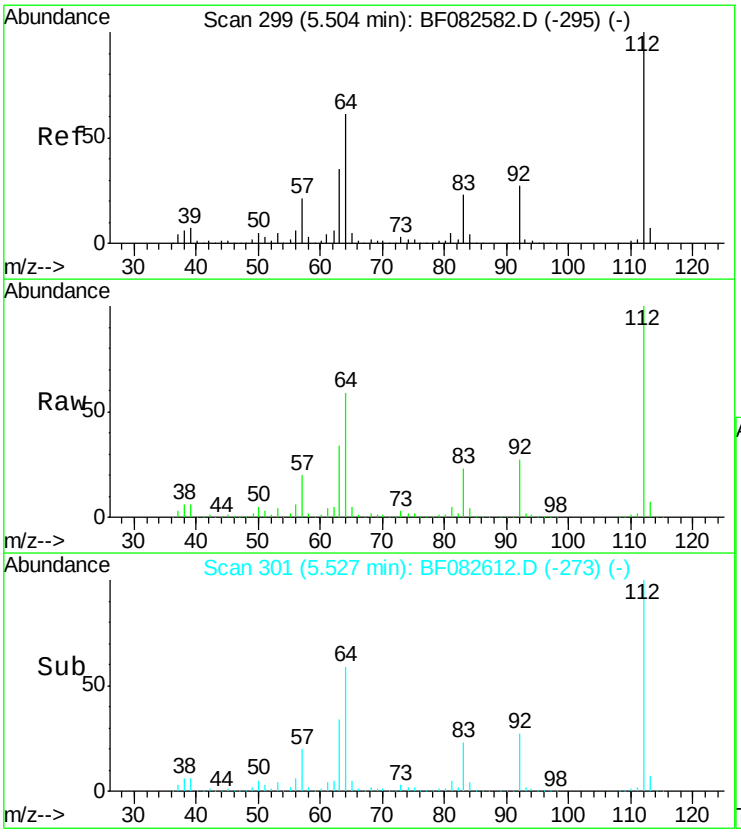
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:152 Resp: 245156

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.4
115	80.6	47.0	70.6#

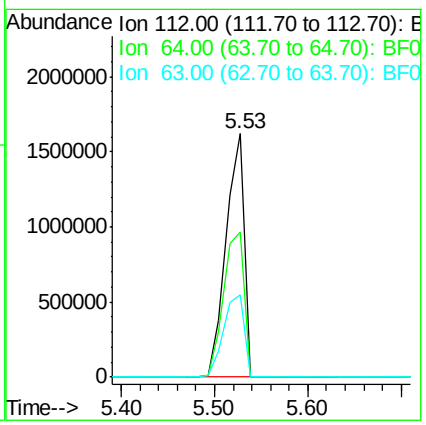


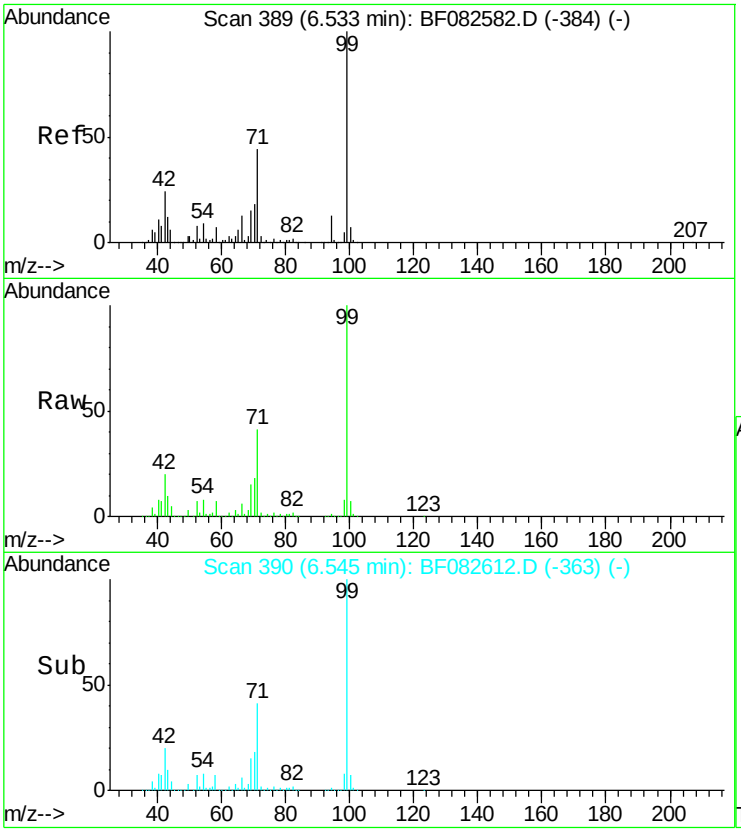


#5
2-Fluorophenol
Concen: 136.21 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.02 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:112 Resp: 2217075

Ion	Ratio	Lower	Upper
112	100		
64	59.4	48.9	73.3
63	33.6	28.1	42.1



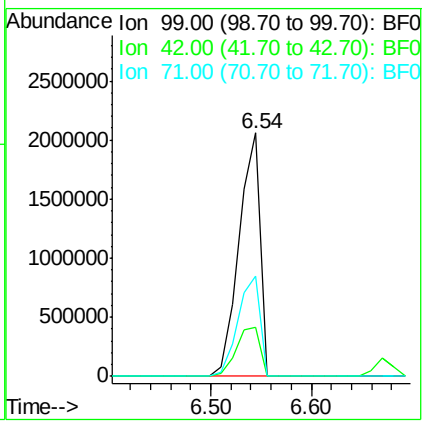


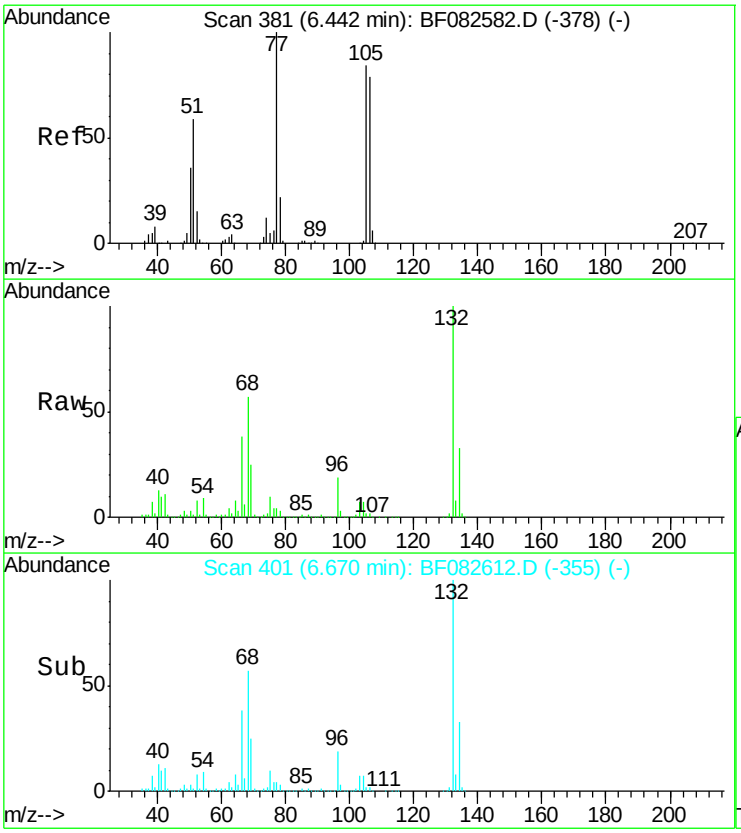
#7
Phenol-d6
Concen: 137.89 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion: 99 Resp: 2981855

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	41.4	35.0	52.4

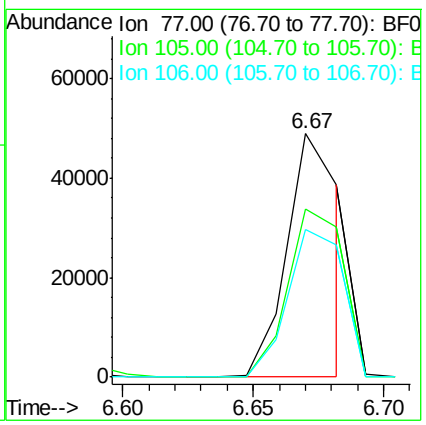


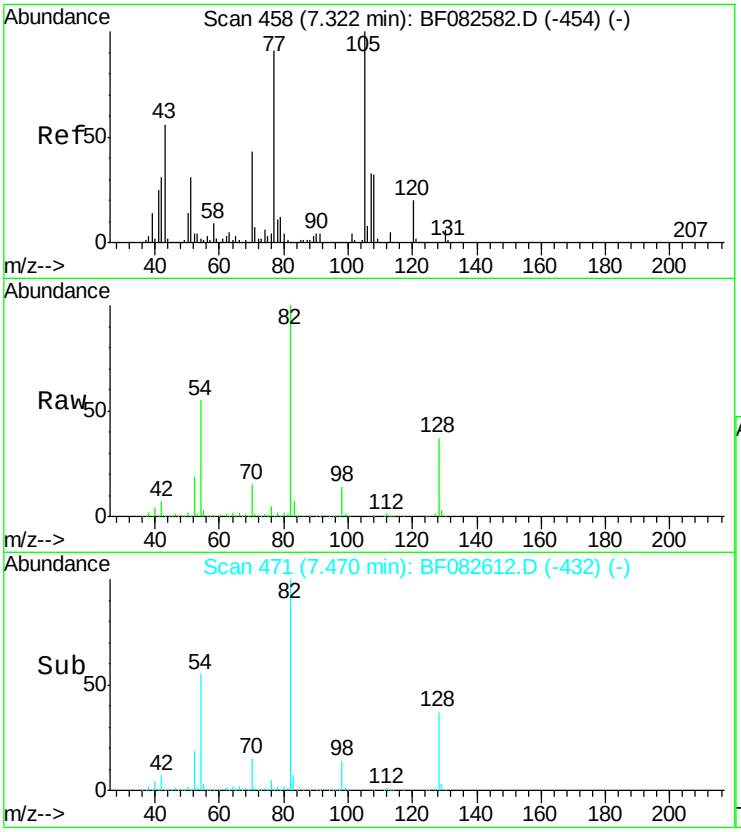


#9
Benzaldehyde
Concen: 4.68 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.23 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion: 77 Resp: 69048

Ion	Ratio	Lower	Upper
77	100		
105	69.0	63.5	103.5
106	60.8	59.3	99.3



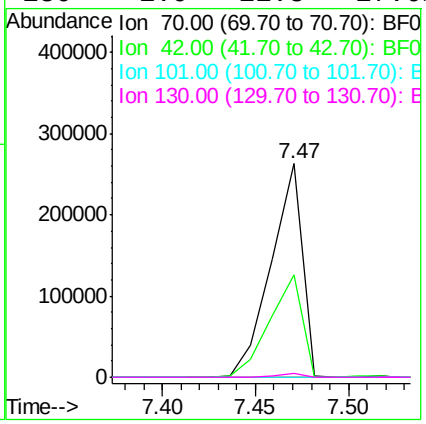


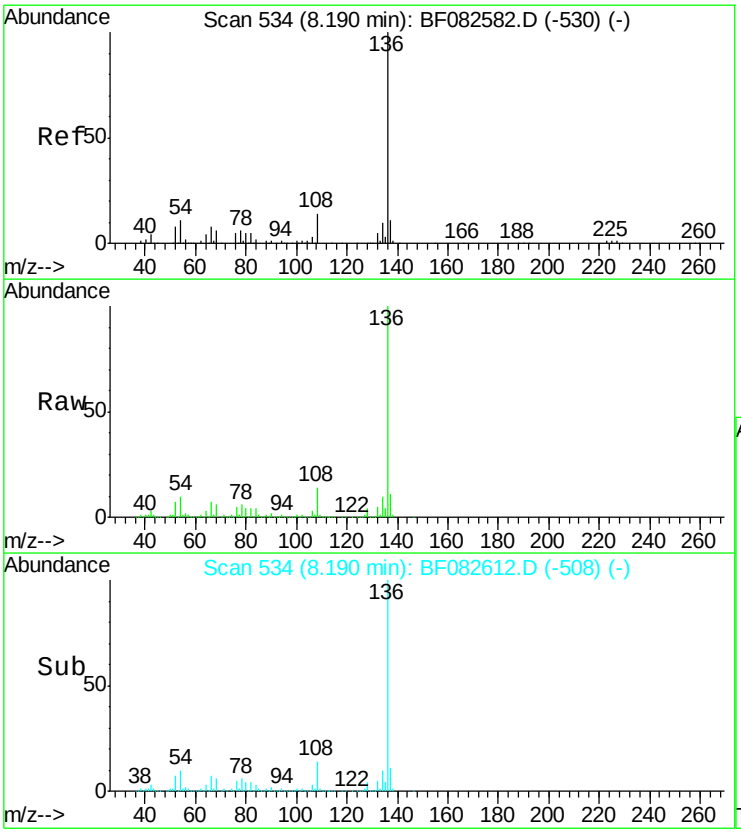
#19
n-Nitroso-di-n-propylamine
Concen: 18.91 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion: 70 Resp: 309946

Ion	Ratio	Lower	Upper
70	100		
42	48.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#

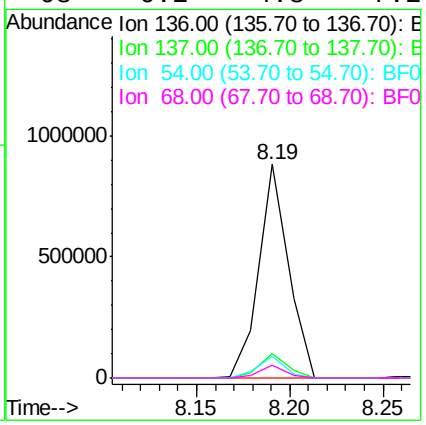


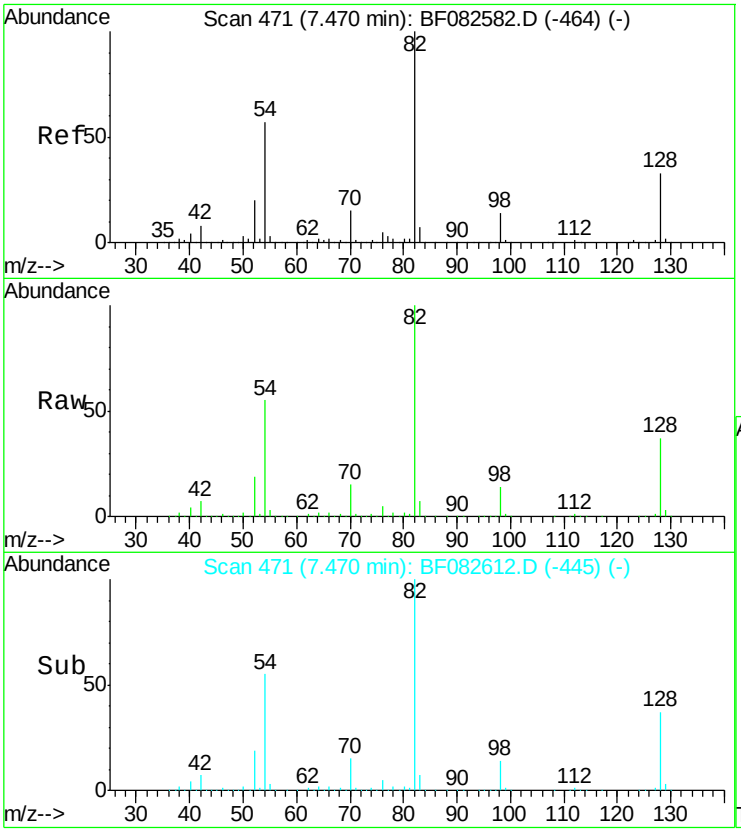


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:136 Resp: 968356

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	9.1	13.7
68	6.2	4.8	7.2



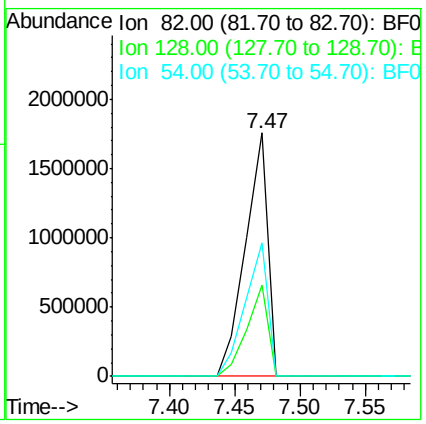


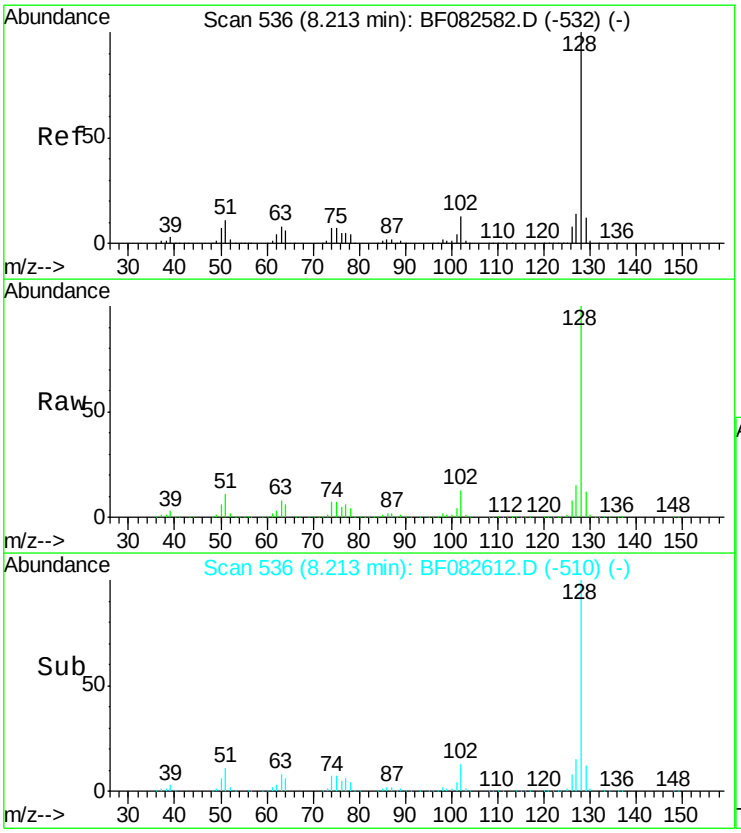
#23
Nitrobenzene-d5
Concen: 88.45 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion: 82 Resp: 2097485

Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.8	40.2
54	55.1	45.7	68.5

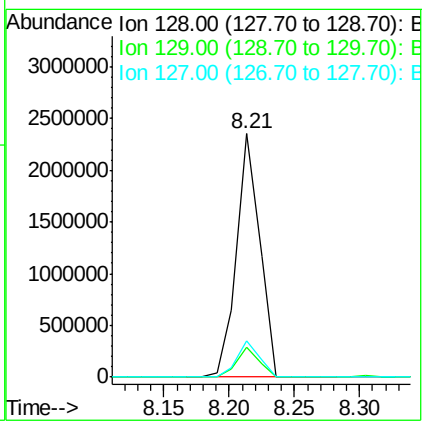


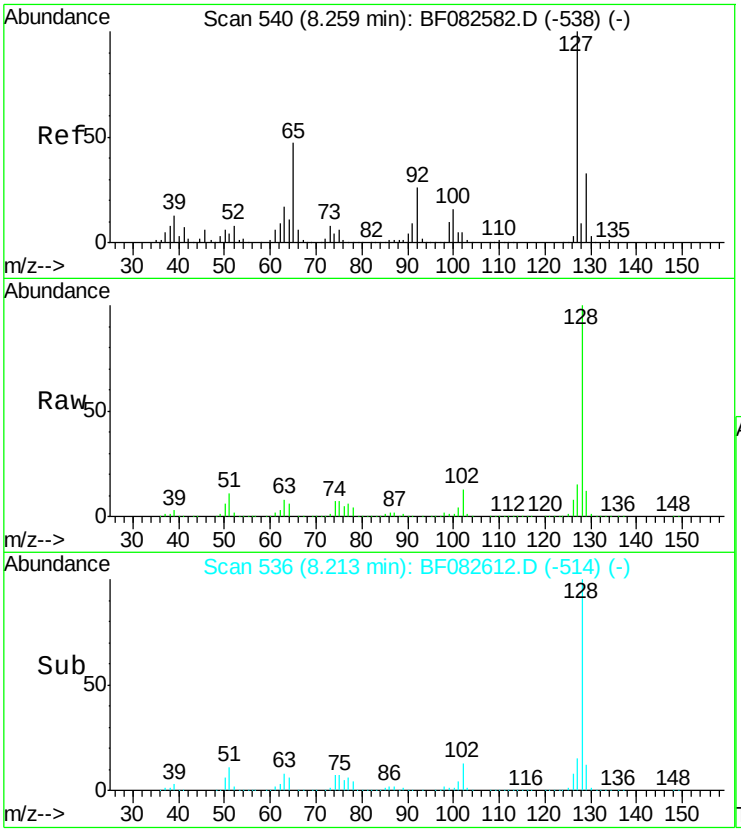


#31
Naphthalene
Concen: 55.14 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:128 Resp: 2889111

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	15.0	11.4	17.0



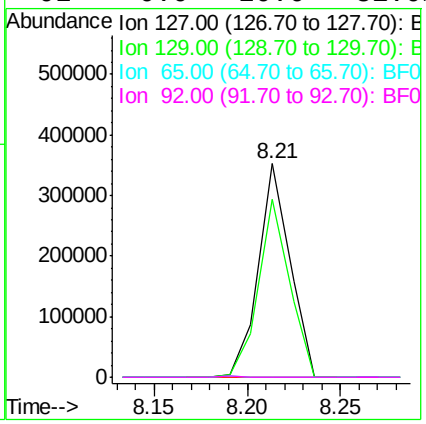


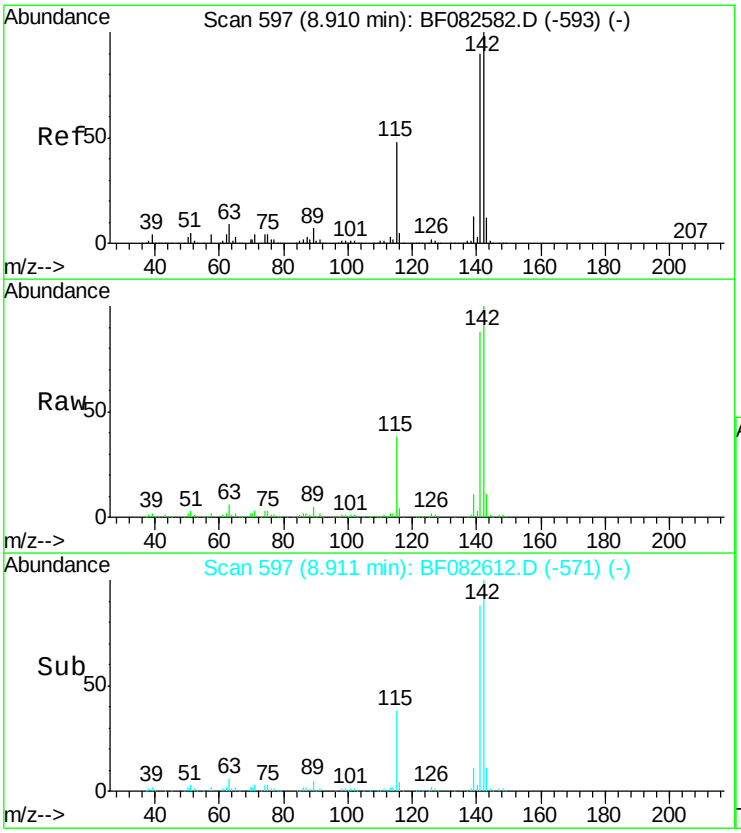
#33
4-Chloroaniline
Concen: 18.53 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:127 Resp: 414542

Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.3	39.5#
65	0.0	37.8	56.8#
92	0.0	20.6	31.0#

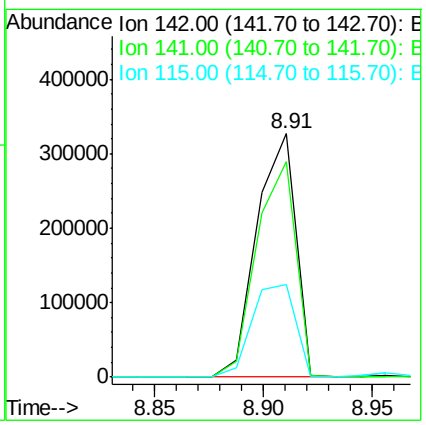


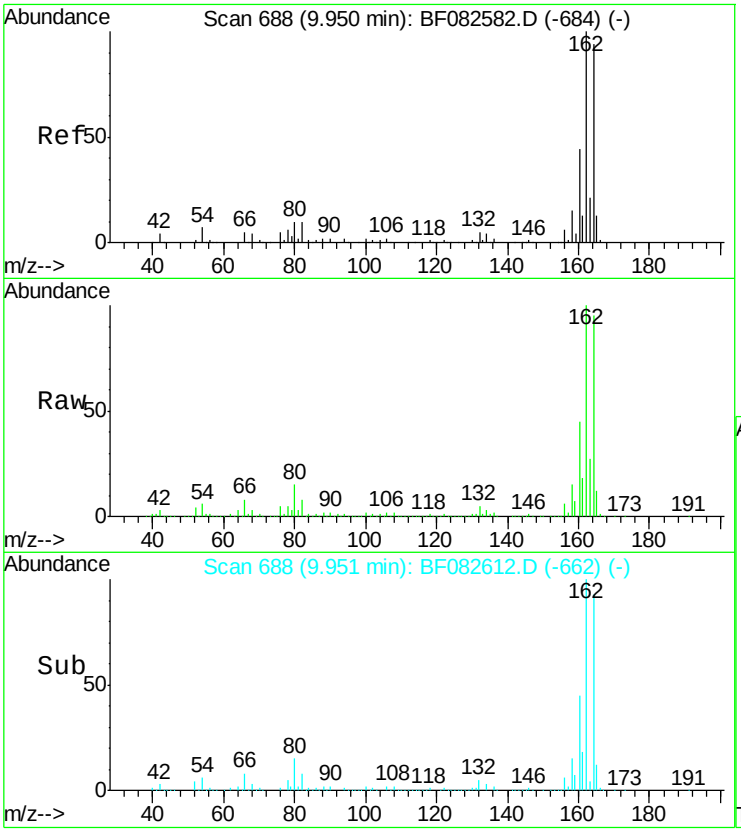


#37
2-Methylnaphthalene
Concen: 12.10 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:142 Resp: 411019

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.3	108.5
115	38.1	38.1	57.1



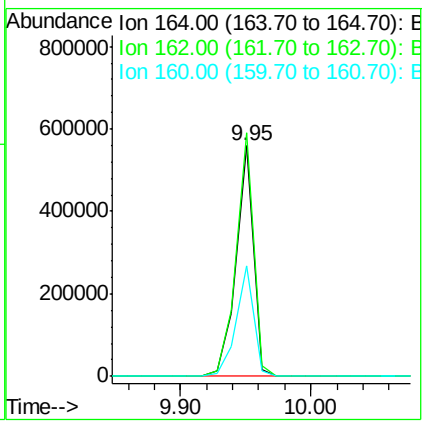


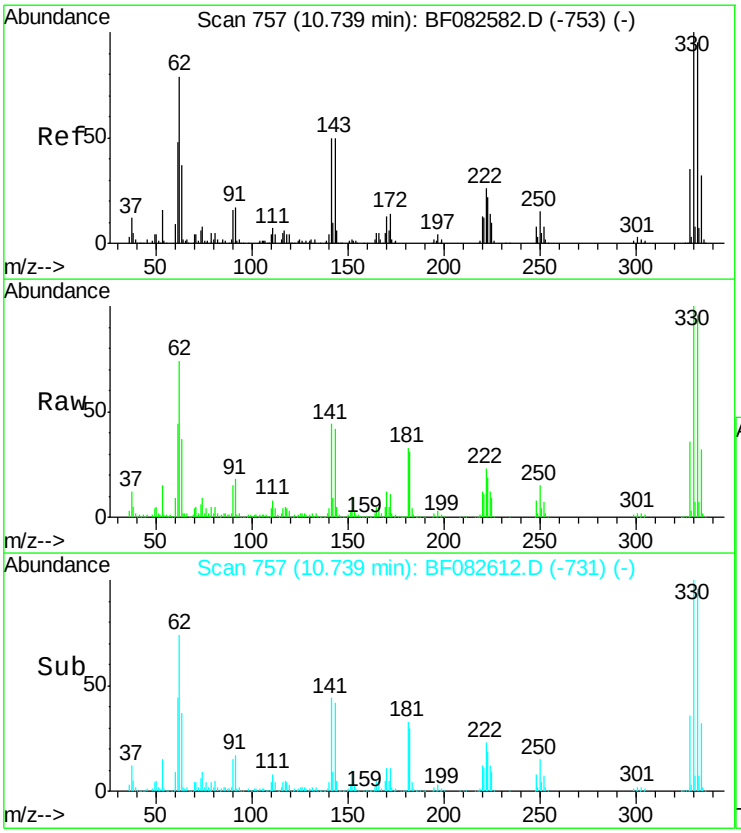
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:164 Resp: 509918

Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.9	127.3
160	47.8	37.5	56.3

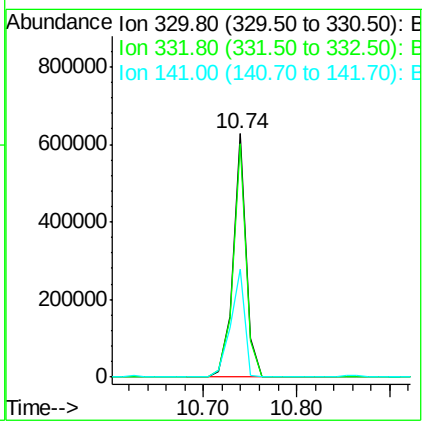


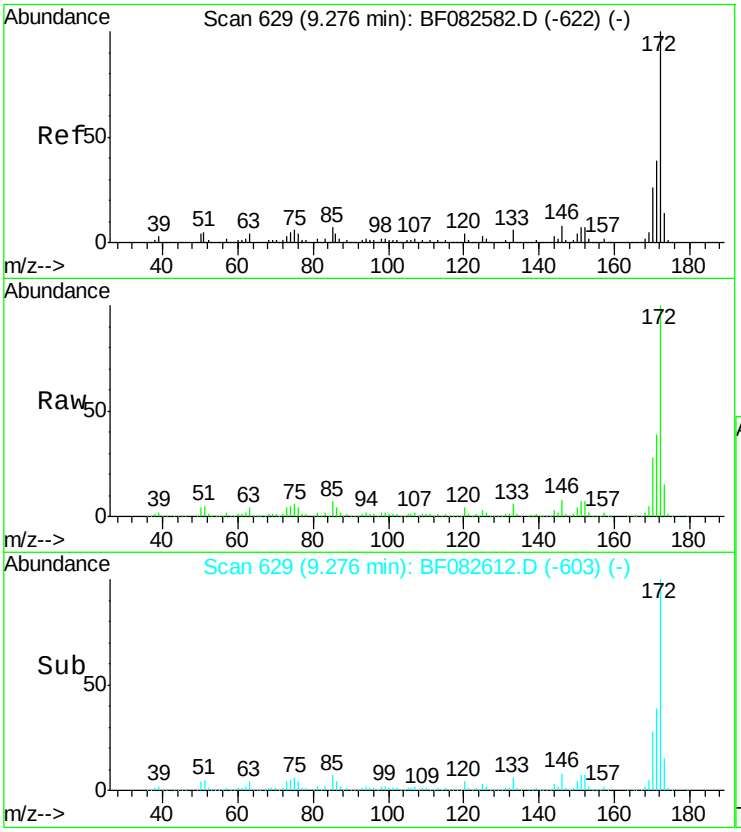


#41
2,4,6-Tribromophenol
Concen: 111.19 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:330 Resp: 620513

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	47.3	41.2	61.8



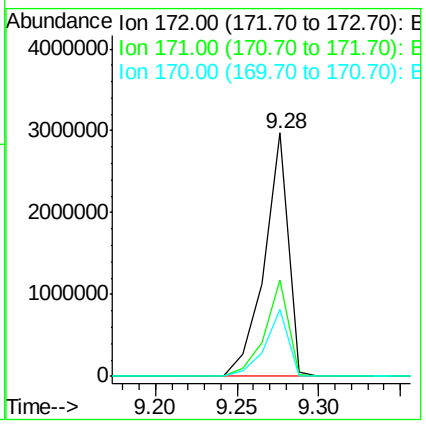


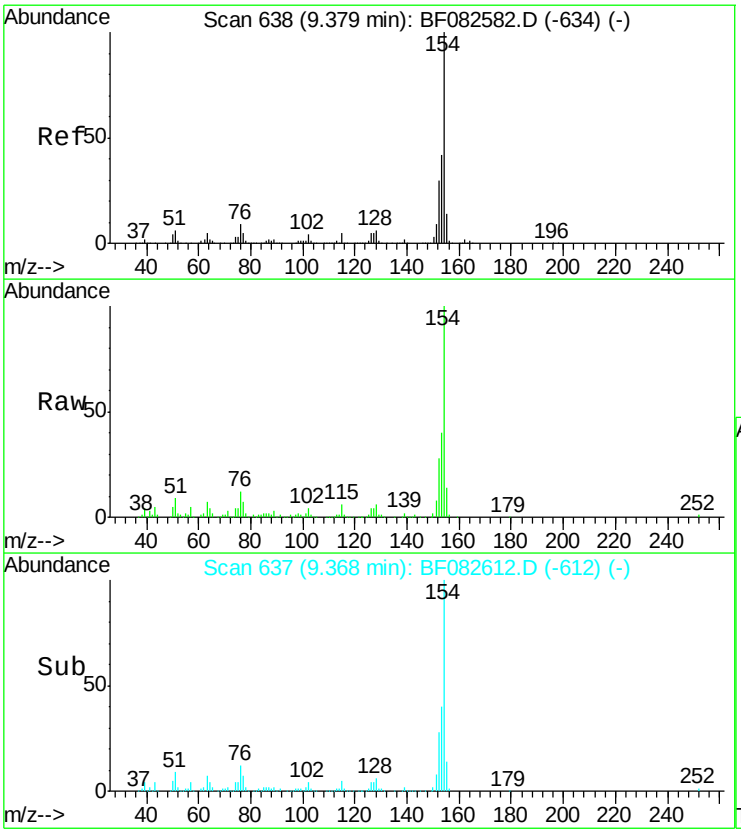
#44
2-Fluorobiphenyl
Concen: 84.56 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:172 Resp: 3036848

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	27.6	21.2	31.8

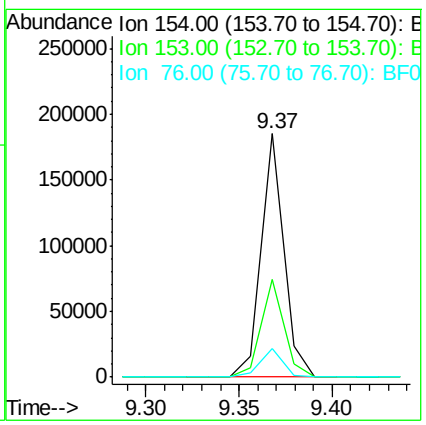


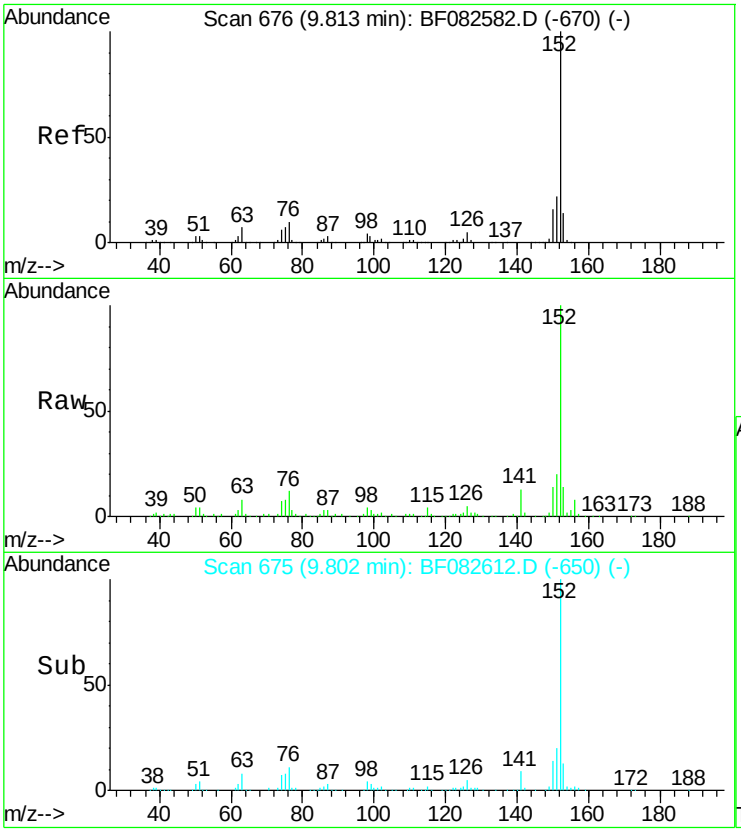


#45
1,1'-Biphenyl
Concen: 3.60 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:154 Resp: 155084

Ion	Ratio	Lower	Upper
154	100		
153	40.2	22.0	62.0
76	11.6	0.0	29.0



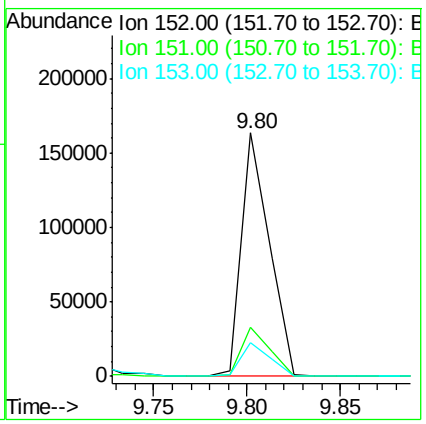


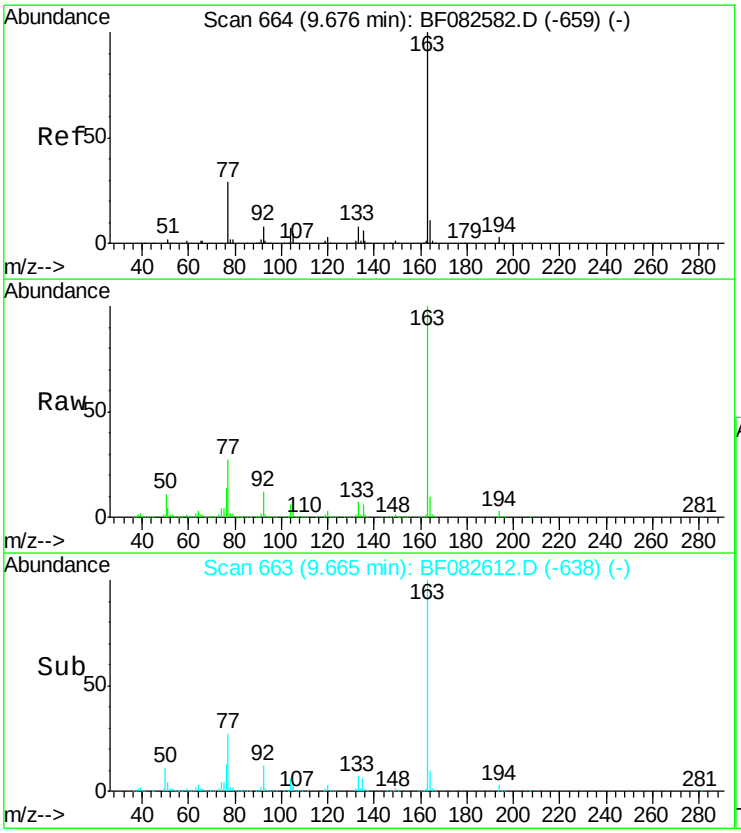
#48
Acenaphthylene
Concen: 3.17 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:152 Resp: 170785

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	14.1	11.3	16.9

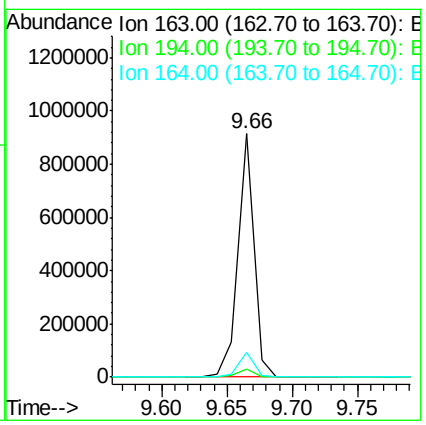


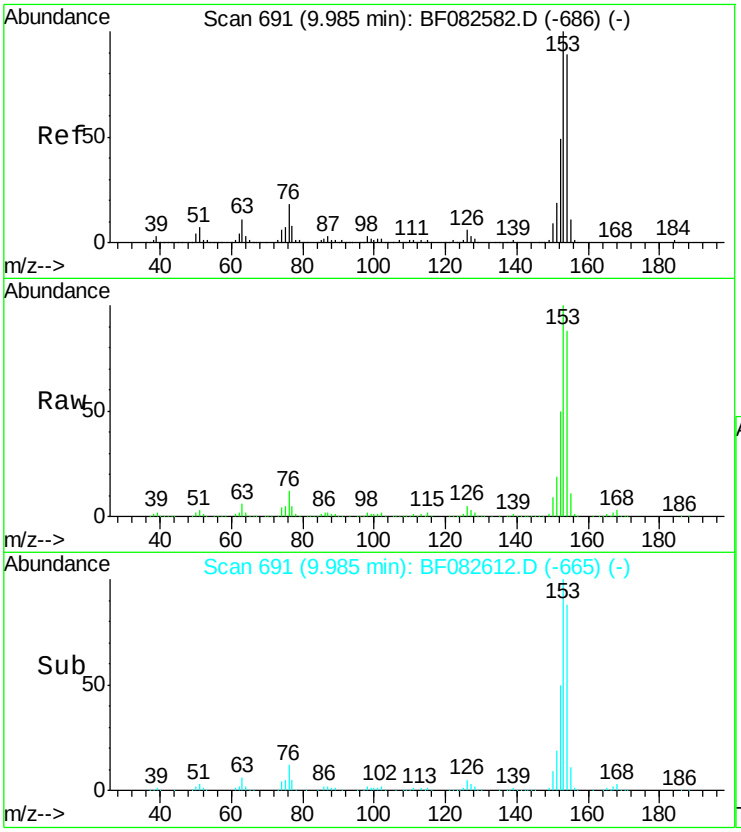


#49
Dimethylphthalate
Concen: 18.49 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:163 Resp: 769934

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.7	13.1



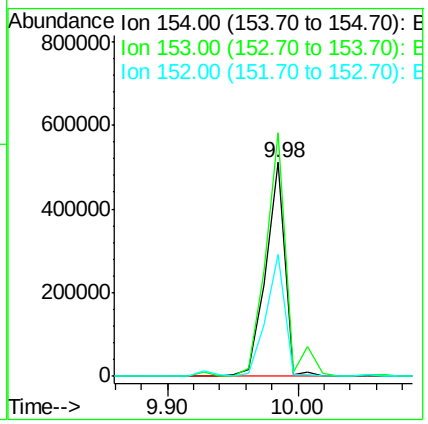


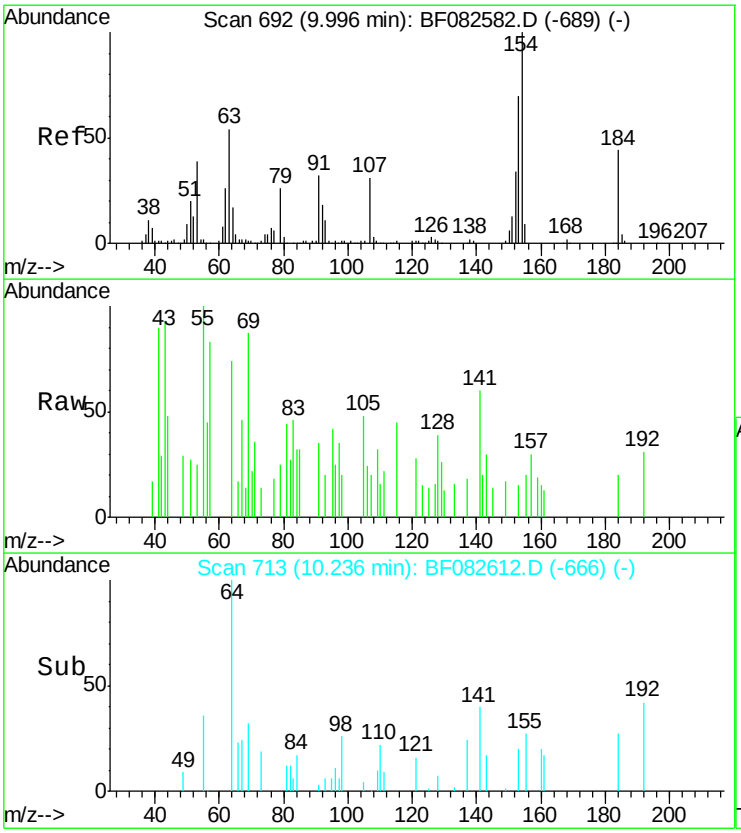
#51
Acenaphthene
Concen: 15.35 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:154 Resp: 524189

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	56.8	44.3	66.5

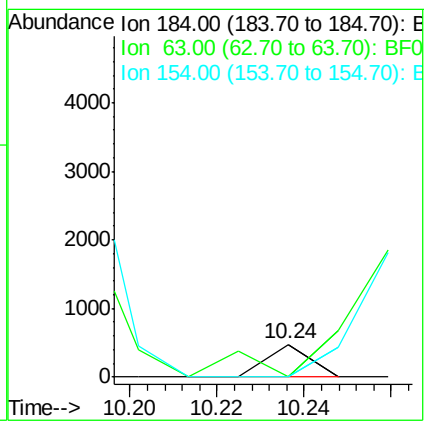


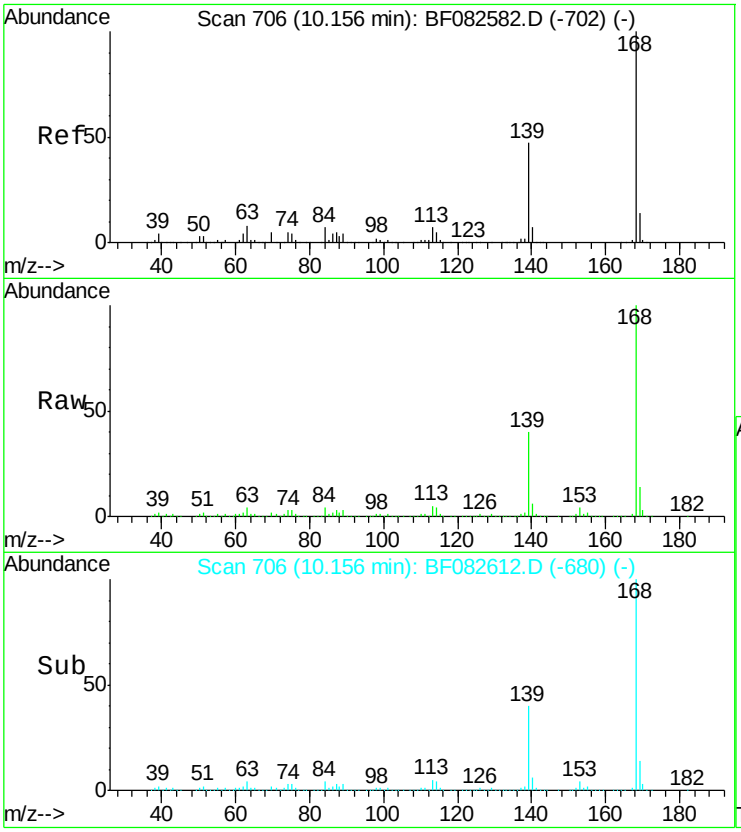


#53
2,4-Dinitrophenol
Concen: 6.76 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.24 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:184 Resp: 324

Ion	Ratio	Lower	Upper
184	100		
63	0.0	98.6	148.0#
154	0.0	183.9	275.9#



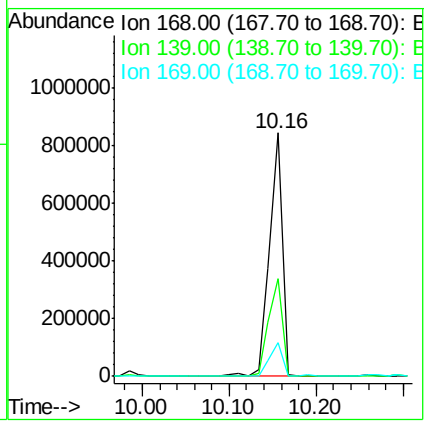


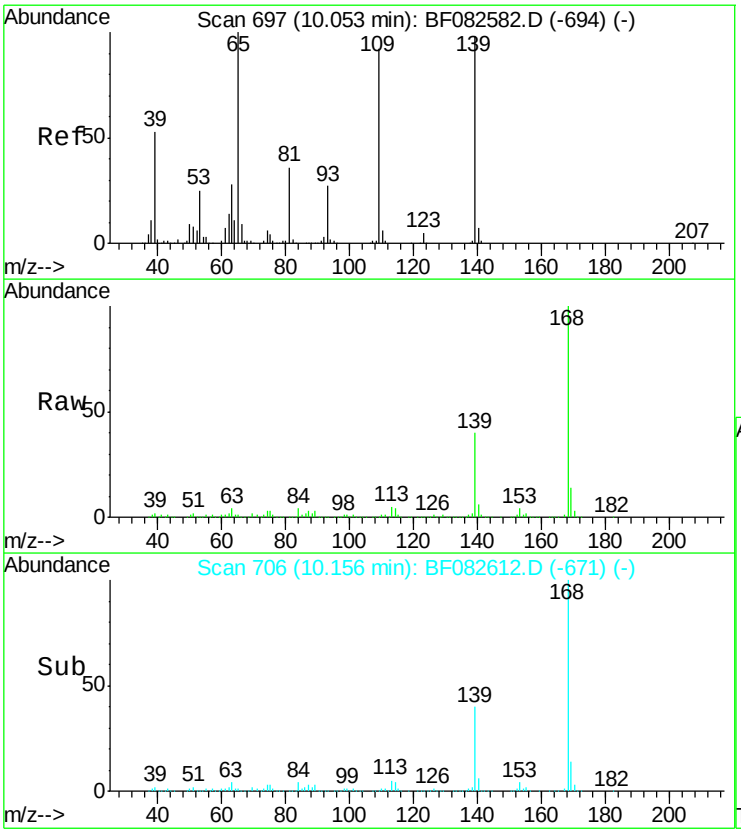
#54
Dibenzofuran
Concen: 18.76 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:168 Resp: 869422

Ion	Ratio	Lower	Upper
168	100		
139	39.9	37.8	56.6
169	13.9	11.3	16.9

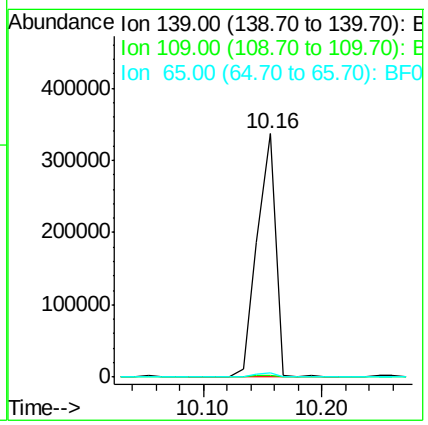


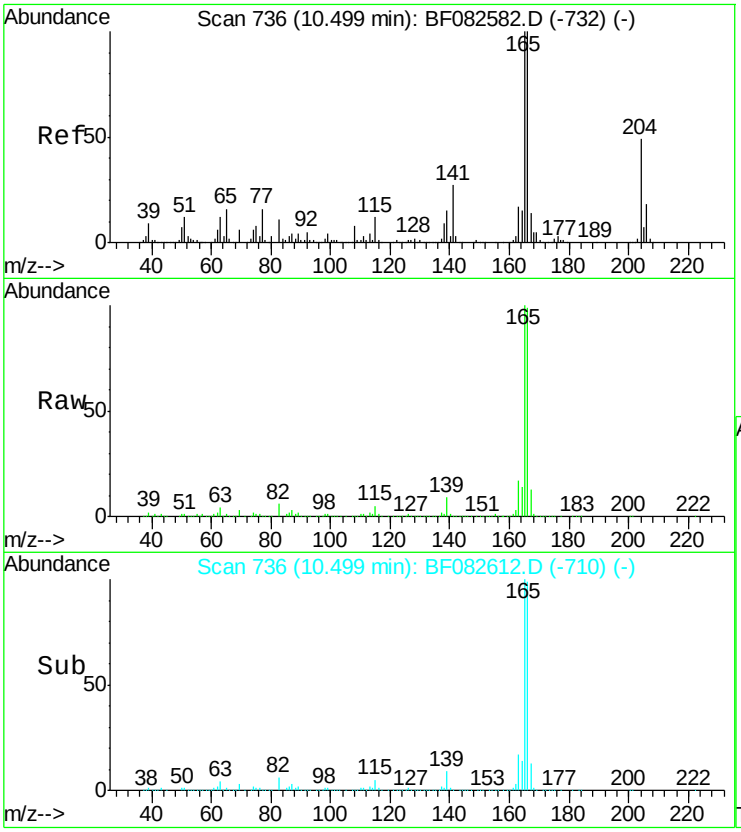


#55
4-Nitrophenol
Concen: 51.41 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.10 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:139 Resp: 371427

Ion	Ratio	Lower	Upper
139	100		
109	0.9	73.7	113.7#
65	1.6	82.9	122.9#



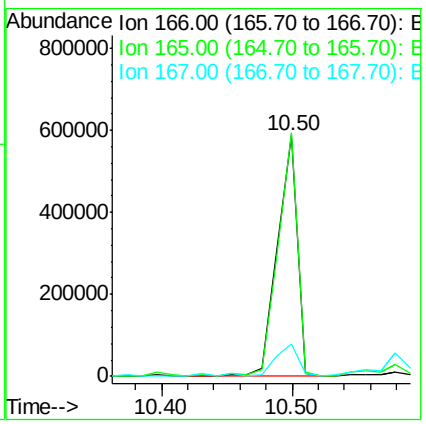


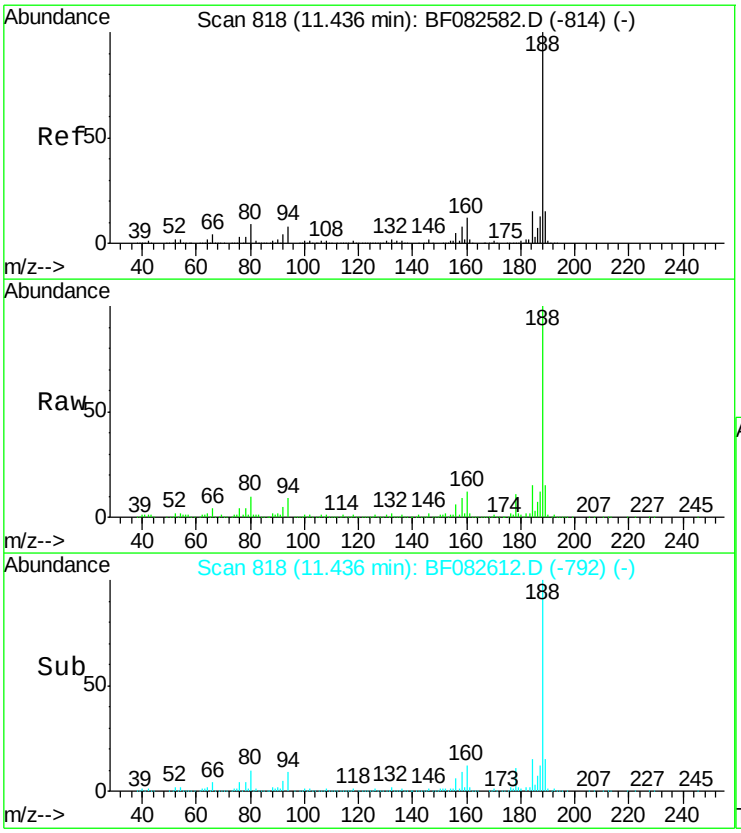
#57
Fluorene
Concen: 16.79 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:166 Resp: 627785

Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.2	120.4
167	13.5	11.2	16.8

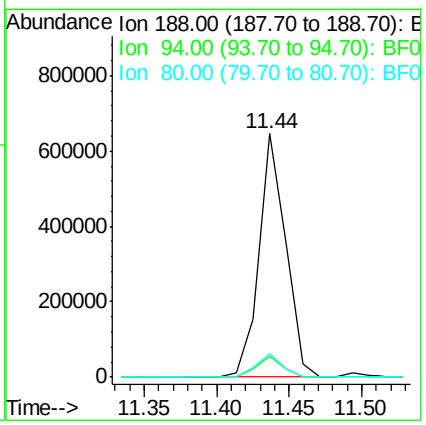


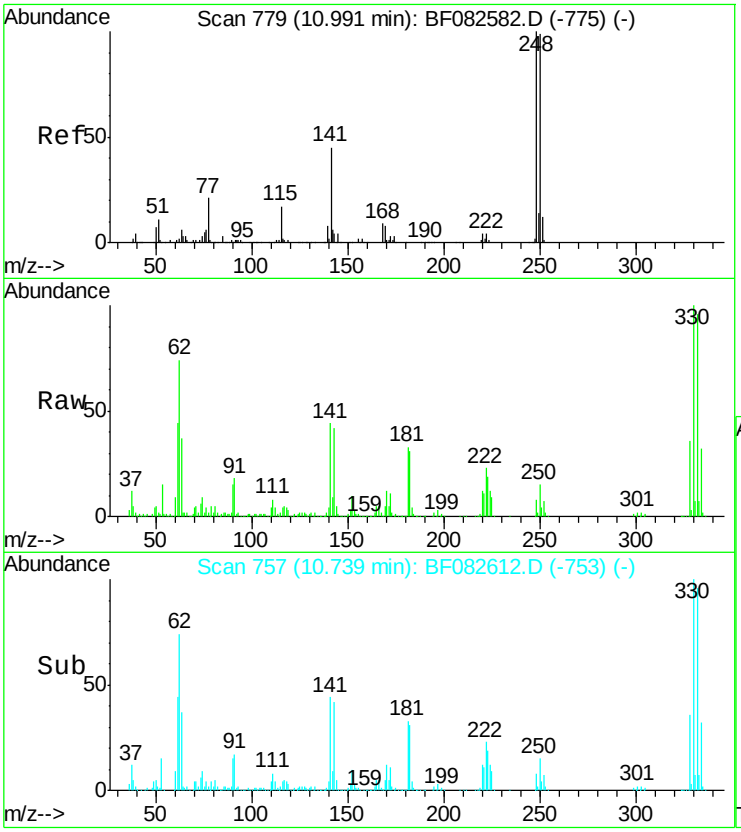


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:188 Resp: 821916

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.1	9.1
80	9.7	7.0	10.6



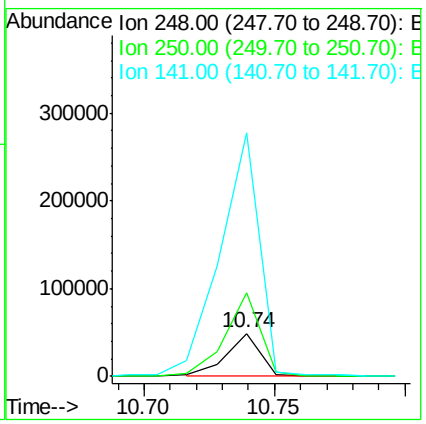


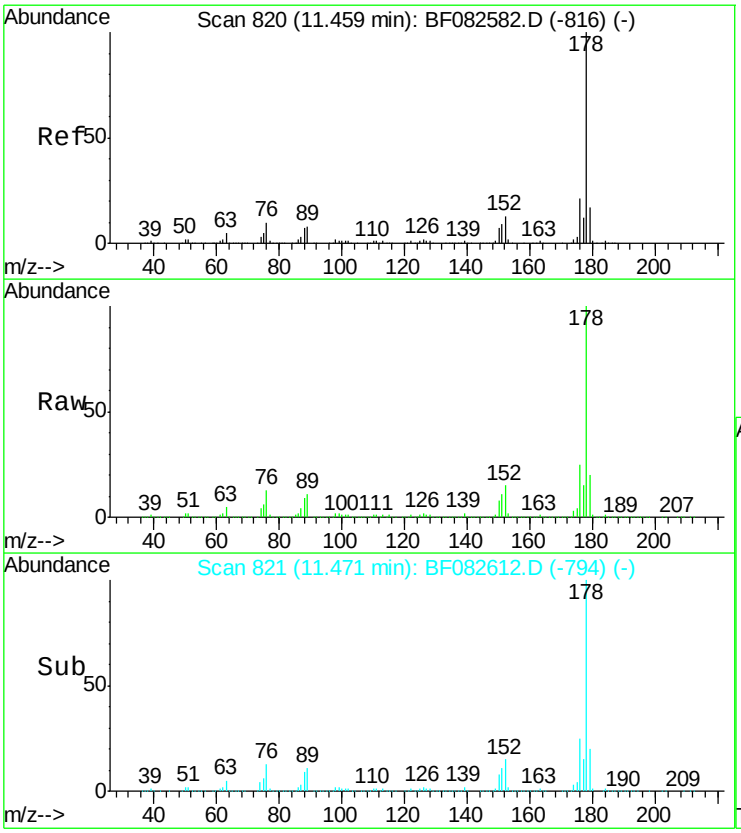
#66
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:248 Resp: 44738

Ion	Ratio	Lower	Upper
248	100		
250	196.8	79.4	119.2#
141	569.3	36.3	54.5#

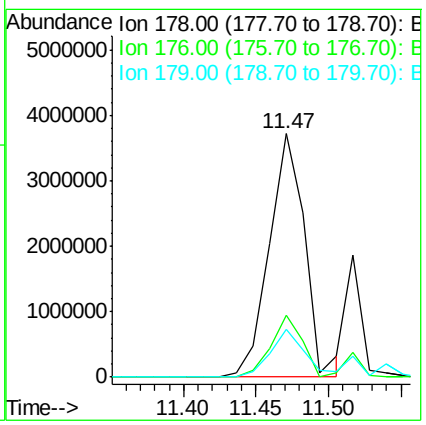


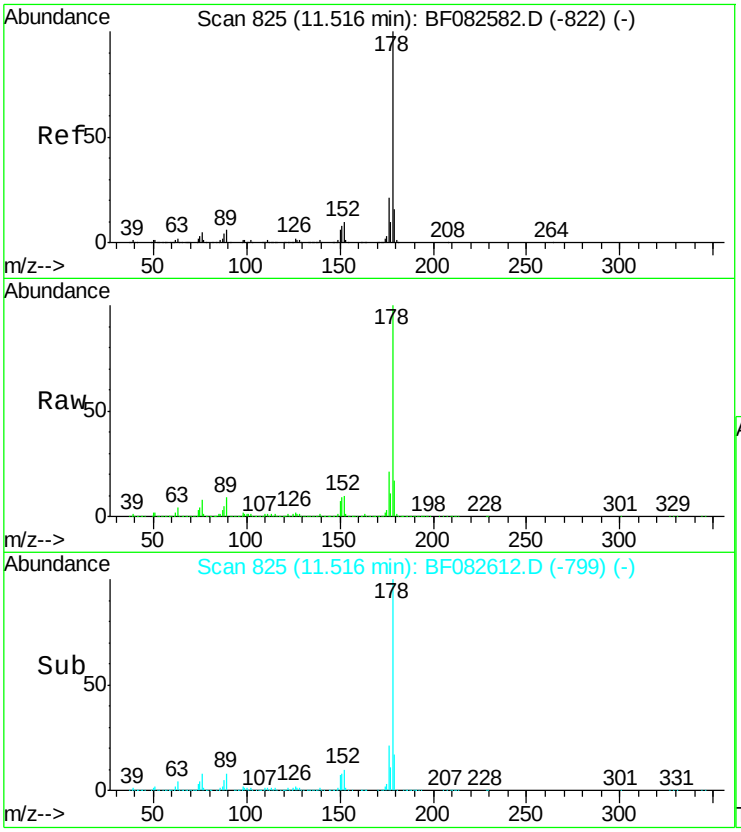


#70
Phenanthrene
Concen: 135.90 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:178 Resp: 6300145

Ion	Ratio	Lower	Upper
178	100		
176	25.3	17.0	25.4
179	19.6	13.4	20.0



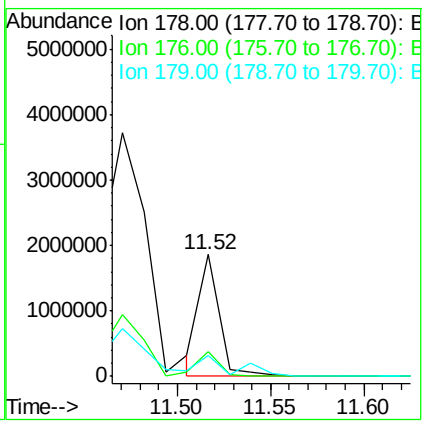


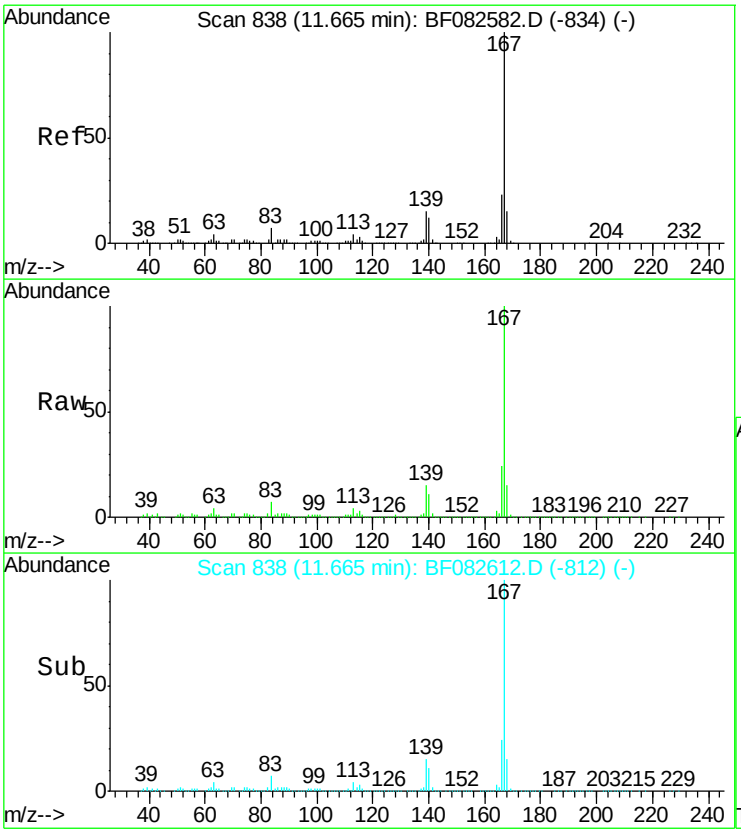
#71
Anthracene
Concen: 29.71 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:178 Resp: 1386928

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.5	24.7
179	16.9	13.2	19.8

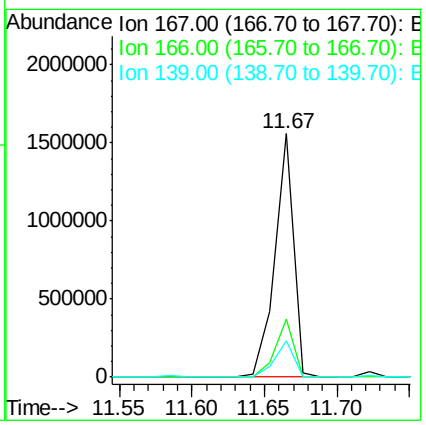


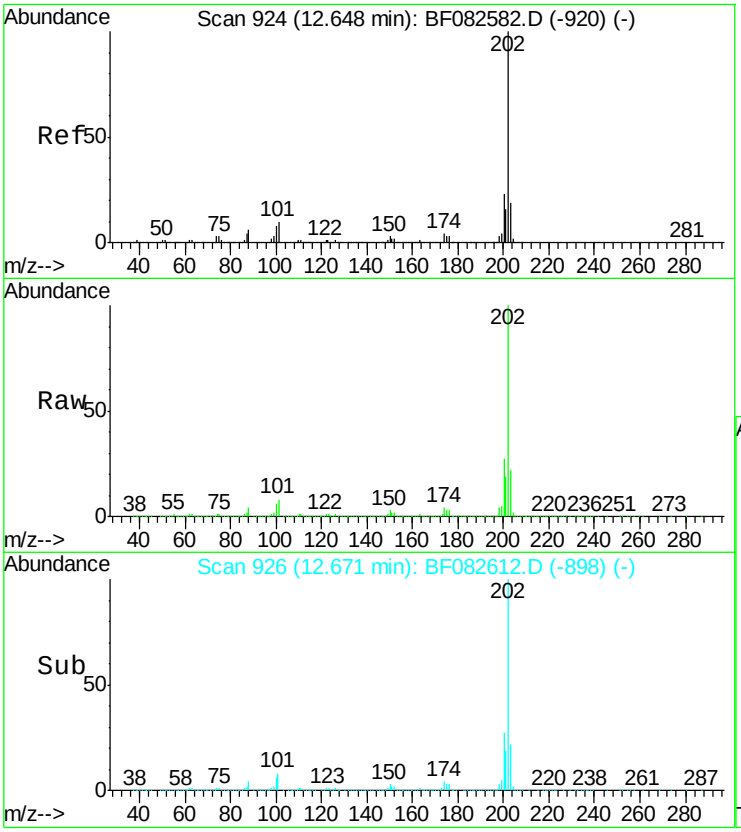


#72
Carbazole
Concen: 34.13 ng
RT: 11.67 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:167 Resp: 1387597

Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.7	28.1
139	14.7	11.8	17.6



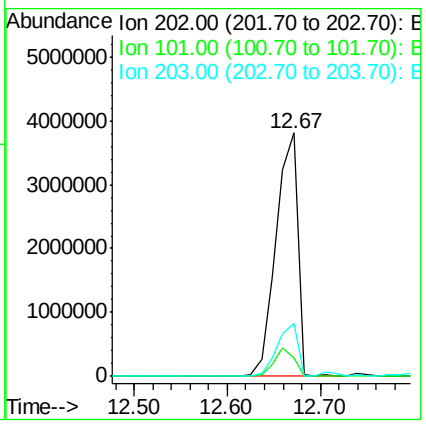


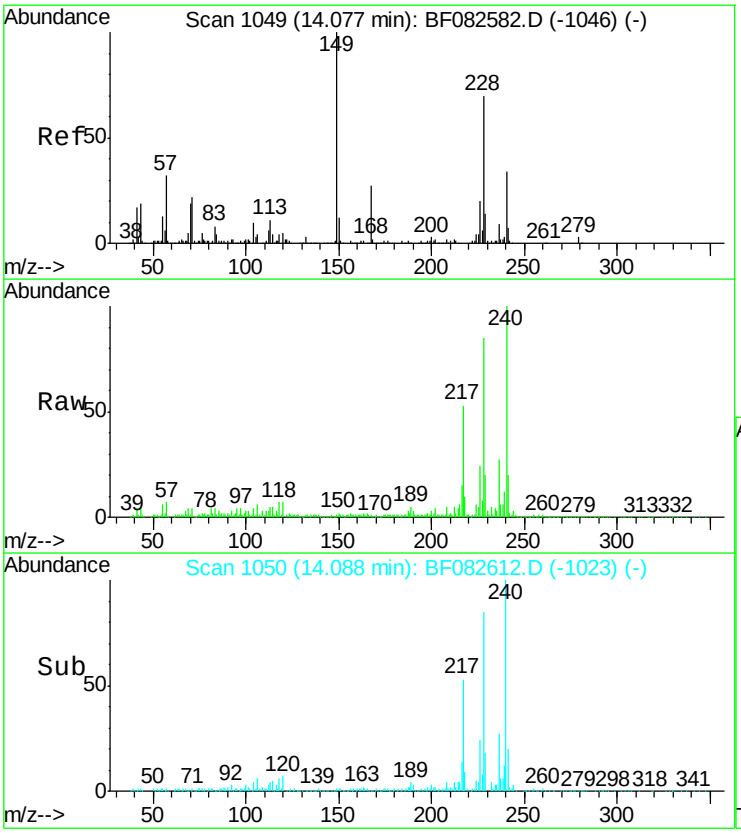
#74
Fluoranthene
Concen: 129.73 ng
RT: 12.67 min Scan# 926
Delta R.T. 0.02 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:202 Resp: 6147926

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.5
203	21.6	0.0	38.5

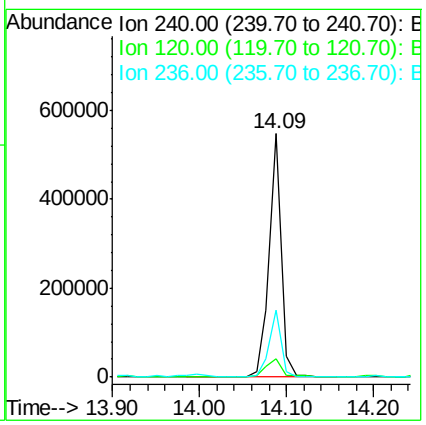


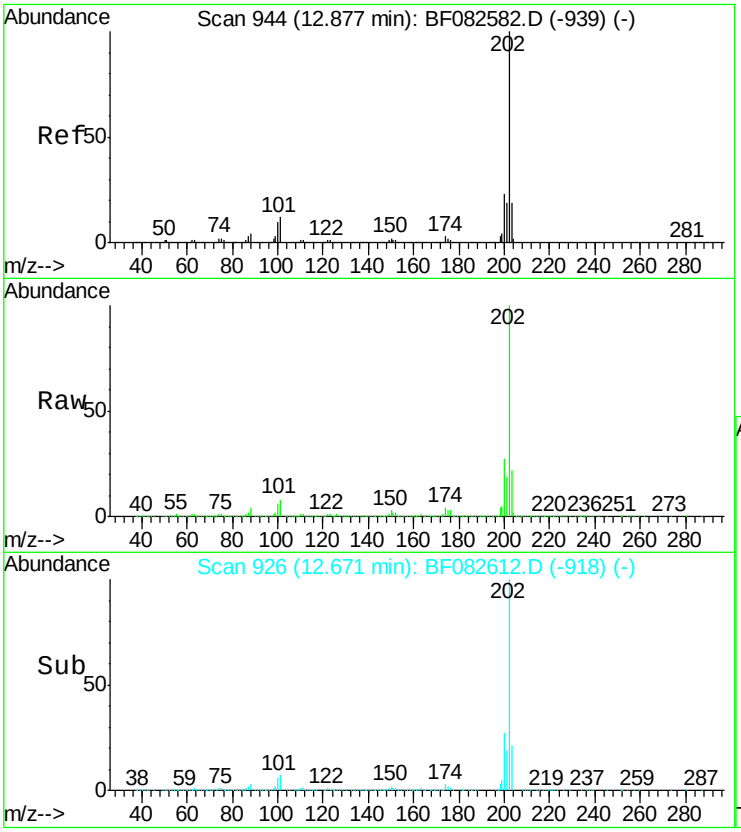


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:240 Resp: 528345

Ion	Ratio	Lower	Upper
240	100		
120	7.4	10.9	16.3#
236	27.4	21.6	32.4



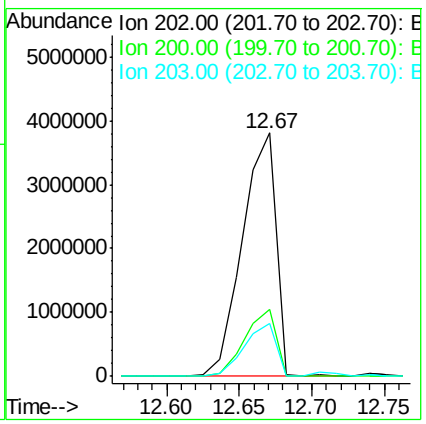


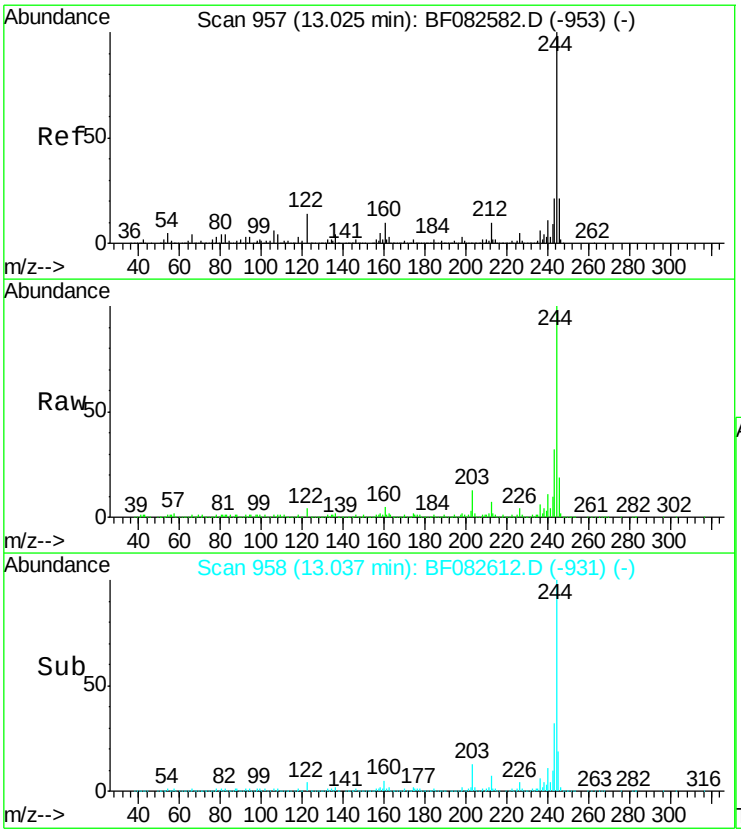
#77
Pyrene
Concen: 156.27 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.21 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:202 Resp: 6113842

Ion	Ratio	Lower	Upper
202	100		
200	27.3	18.7	28.1
203	21.6	14.8	22.2

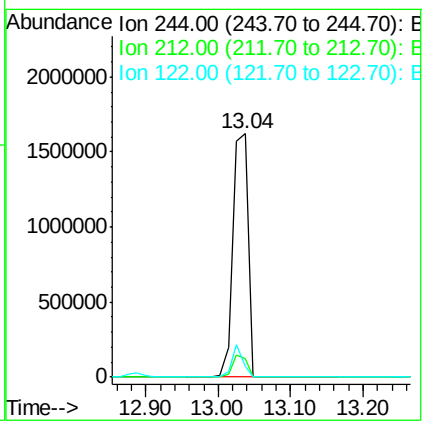


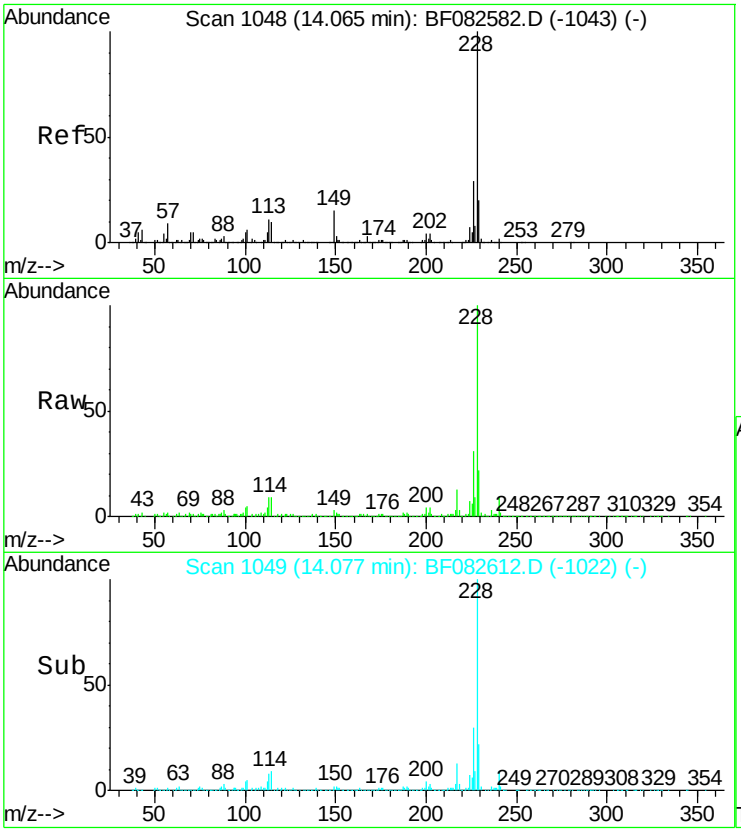


#78
Terphenyl-d14
Concen: 97.18 ng
RT: 13.04 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:244 Resp: 2346110

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.6	11.4#
122	4.4	11.3	16.9#



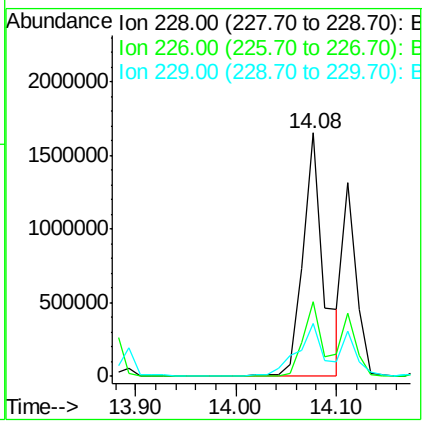


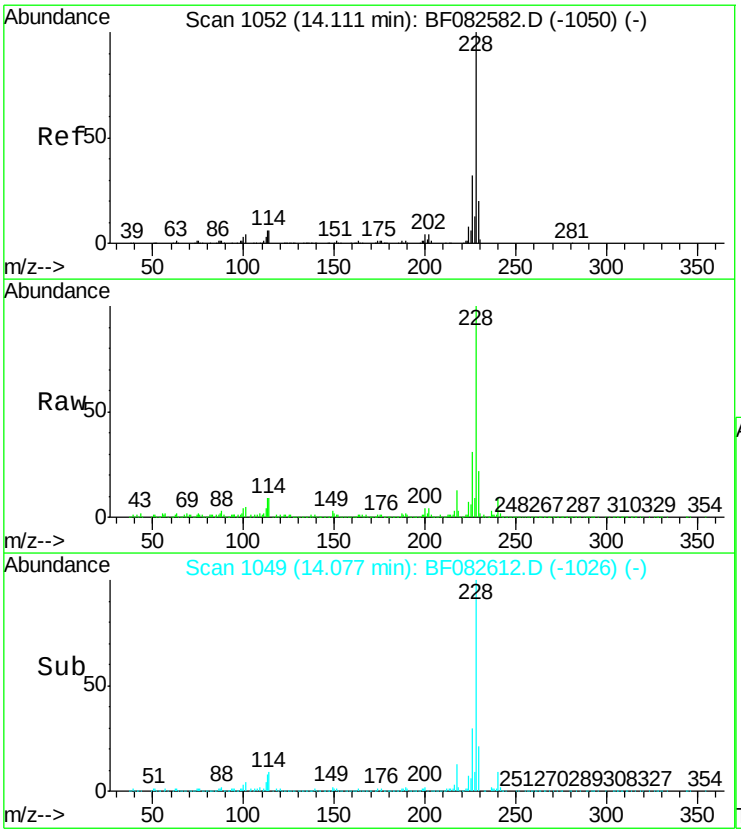
#80
Benzo(a)anthracene
Concen: 69.76 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:228 Resp: 2341431

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	21.9	16.3	24.5

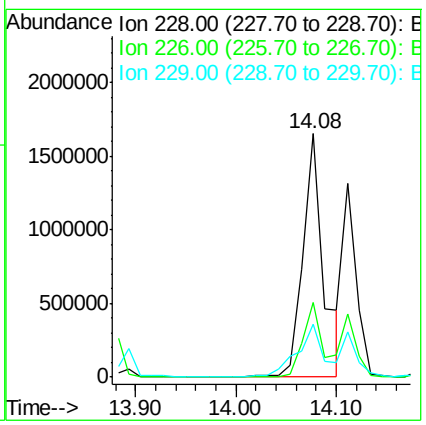


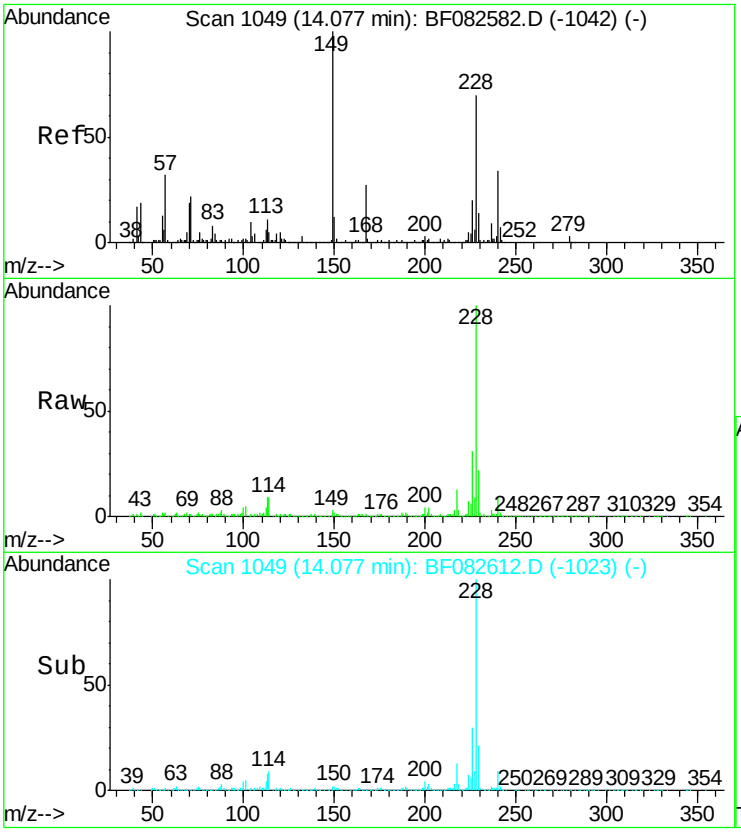


#82
Chrysene
Concen: 76.97 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.03 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:228 Resp: 2341431

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	21.9	16.3	24.5



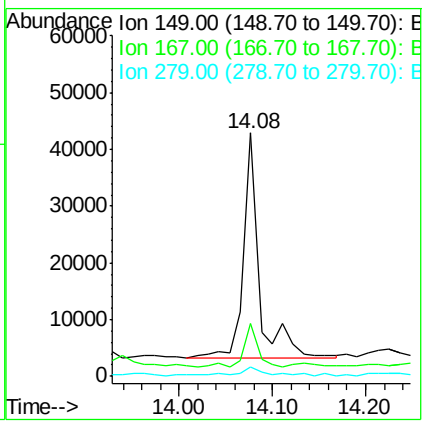


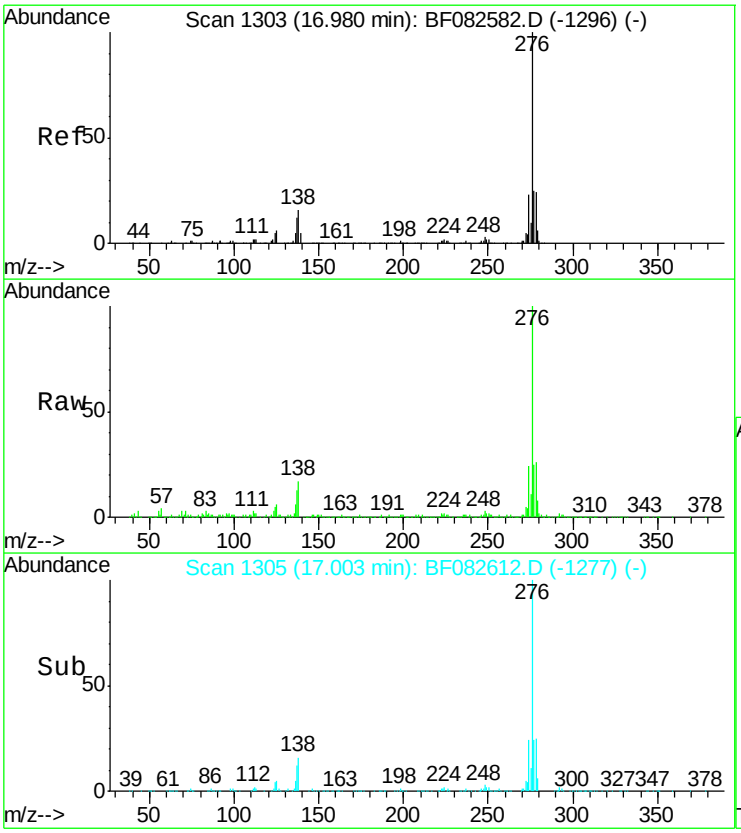
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.07 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:149 Resp: 45891

Ion	Ratio	Lower	Upper
149	100		
167	22.0	21.2	31.8
279	3.7	2.2	3.2#

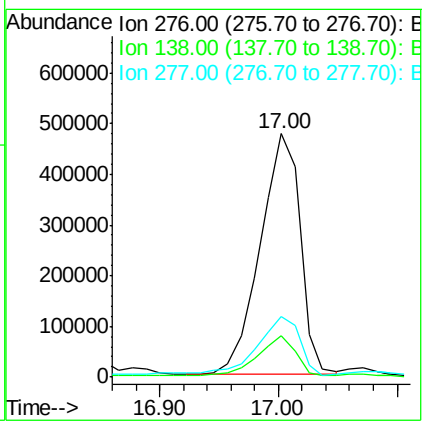


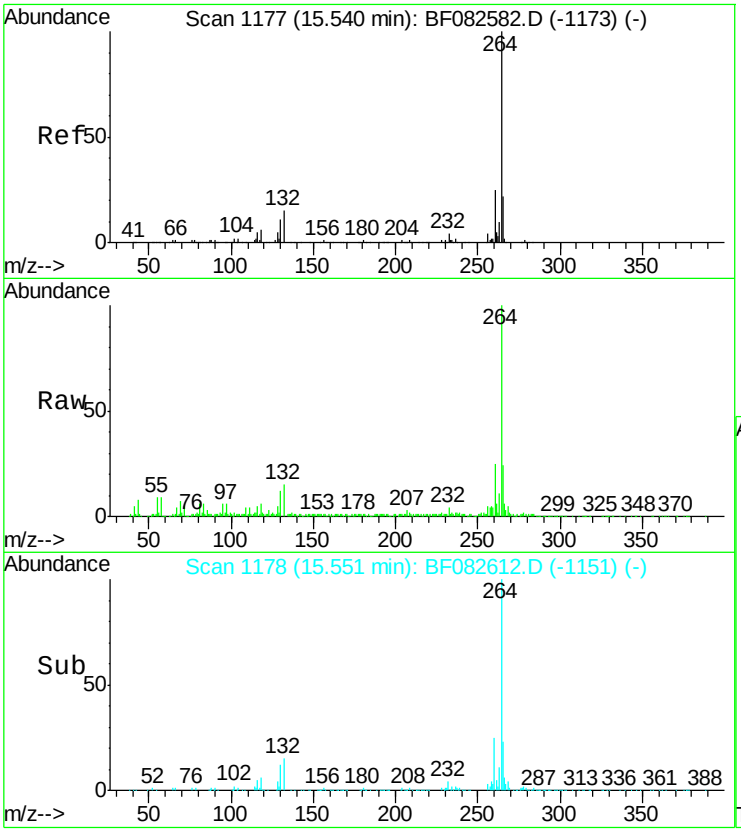


#85
Indeno(1,2,3-cd)pyrene
Concen: 44.46 ng
RT: 17.00 min Scan# 1305
Delta R.T. 0.02 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:276 Resp: 1116192

Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.3	22.9
277	27.3	20.2	30.4



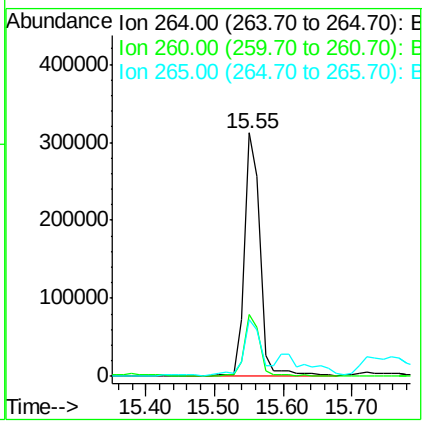


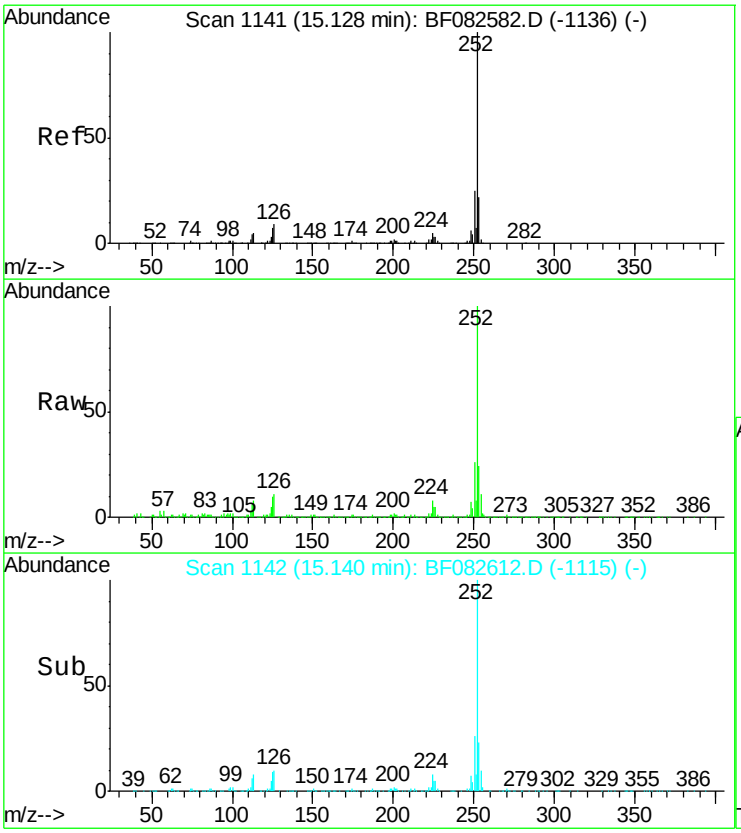
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:264 Resp: 482201

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	23.6	17.4	26.0

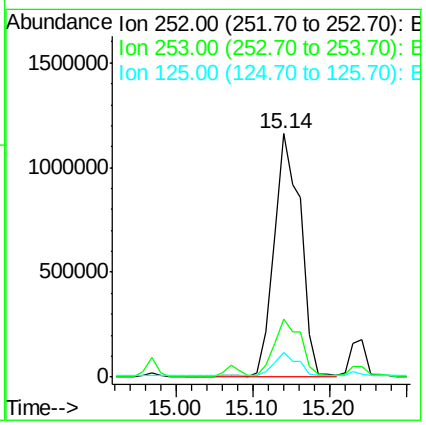


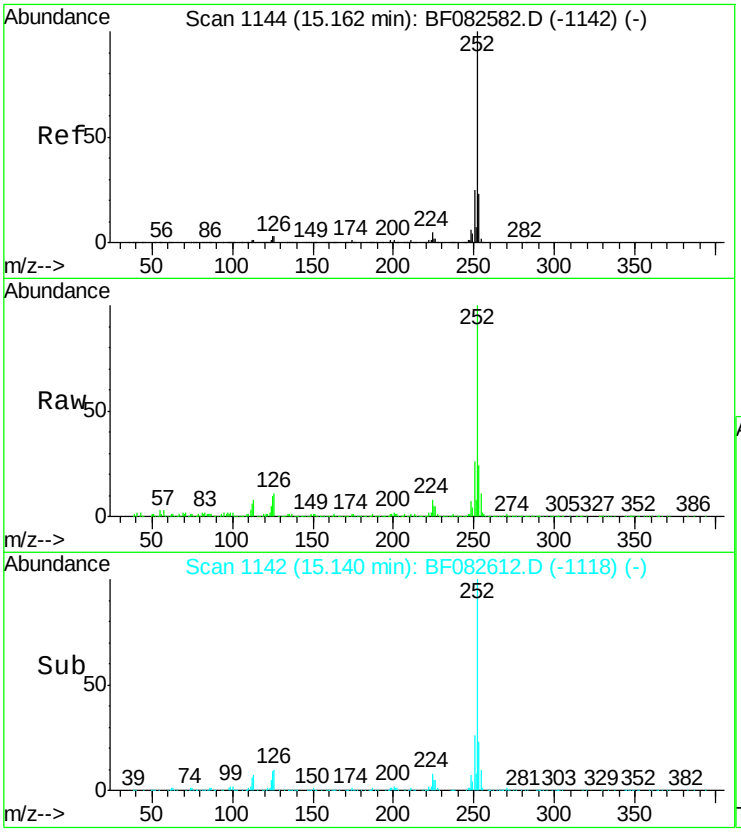


#87
Benzo(b)fluoranthene
Concen: 84.41 ng
RT: 15.14 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:252 Resp: 2806622

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	10.1	5.4	8.2#



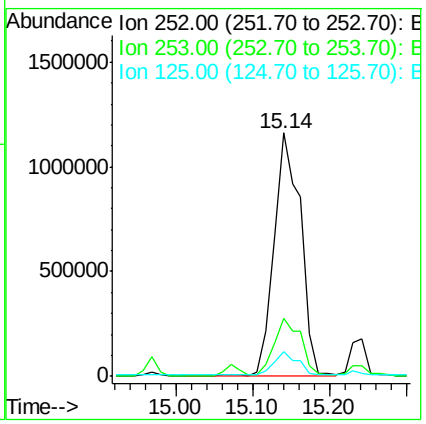


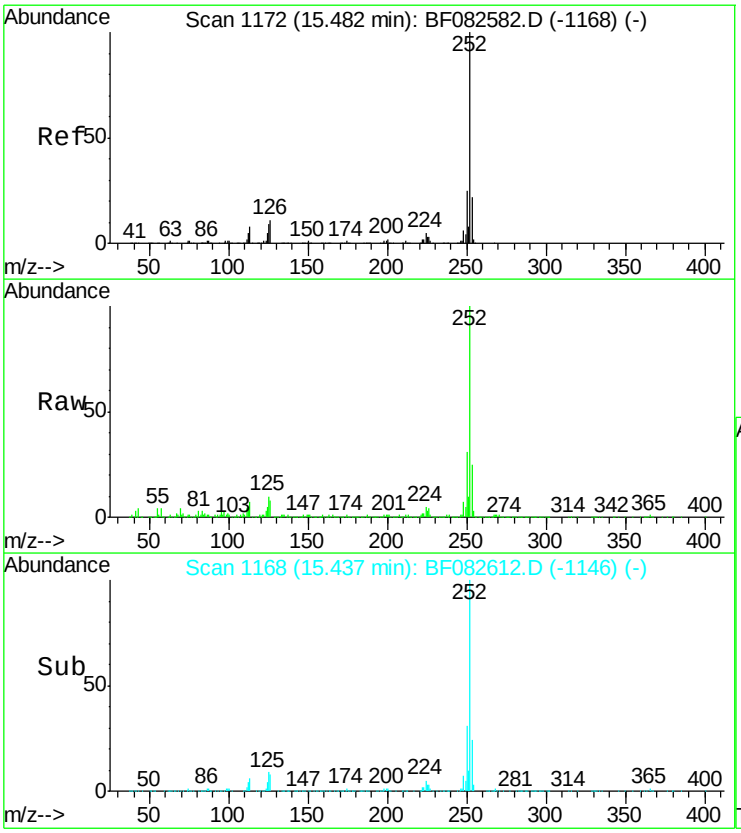
#88
Benzo(k)fluoranthene
Concen: 110.80 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:252 Resp: 2806622

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	10.1	3.5	5.3#

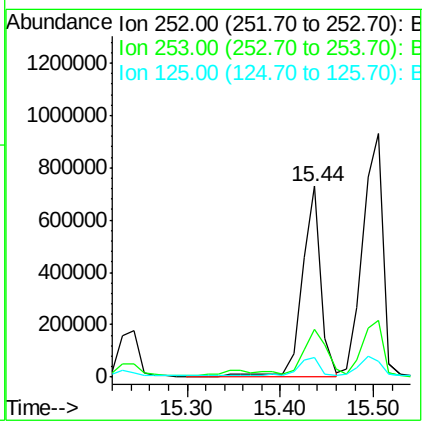


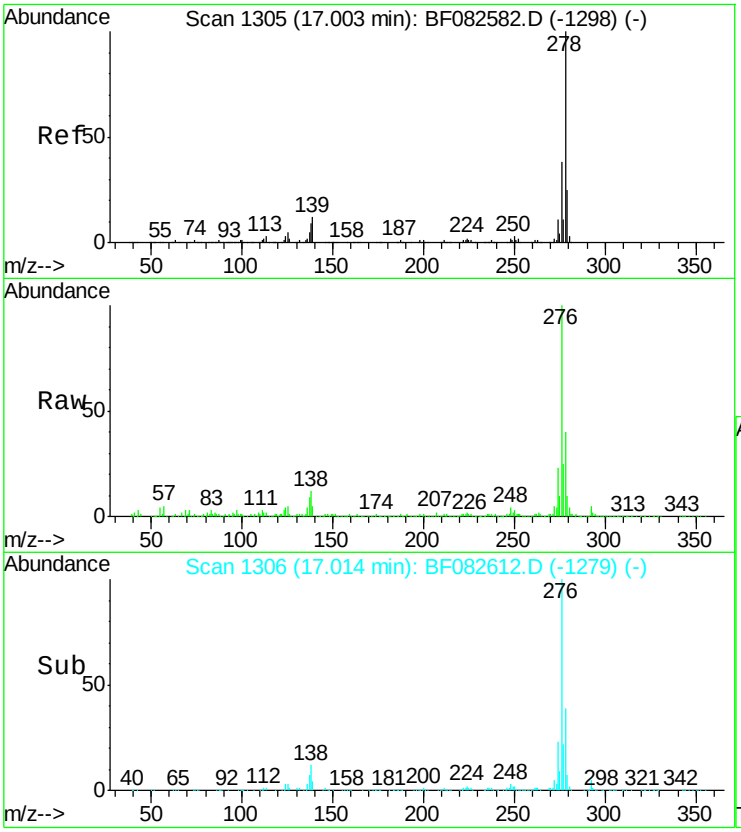


#89
Benzo(a)pyrene
Concen: 38.70 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:252 Resp: 1013320

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.3	25.9
125	10.4	7.1	10.7



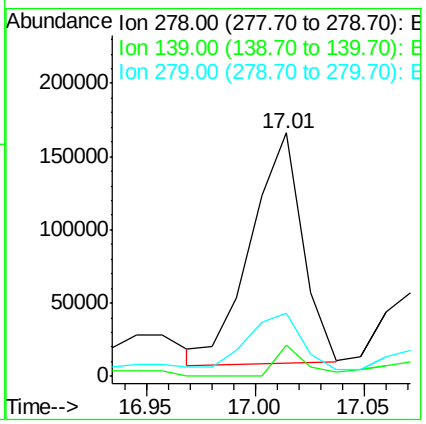


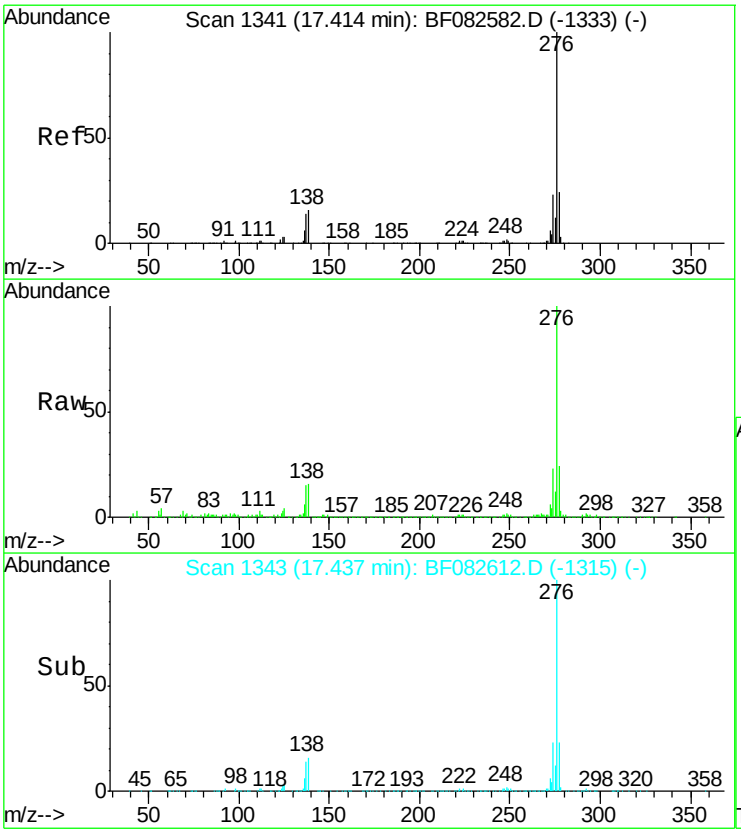
#90
Dibenzo(a,h)anthracene
Concen: 10.66 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Instrument :
BNA_F
ClientSampleId :
S6-BOILERROOM2.5FTDEEP

Tgt Ion:278 Resp: 260425

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	26.0	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 44.55 ng
RT: 17.44 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF082612.D
Acq: 31 Oct 2015 10:44

Tgt Ion:276 Resp: 1054805

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	16.3	13.1	19.7