Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082347.D
Acq On : 17 Oct 2015 2:31
Operator : UM/IZ
Sample : G4009-03RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-3

Quant Time: Oct 17 04:33:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 04:30:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	192357	20.00	ng		0.17
21) Naphthalene-d8	8.24	136	240462	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	128852	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	261206	20.00	ng		0.01
75) Chrysene-d12	14.16	240	227630	20.00	ng		0.02
86) Perylene-d12	15.70	264	207340	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	360821	37.86	ng		0.02
7) Phenol-d6	6.61	99	524277	42.27	ng		0.01
23) Nitrobenzene-d5	7.53	82	311789	87.07	ng		0.01
41) 2,4,6-Tribromophenol	10.79	330	151304	125.21	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	591814	76.17	ng		0.01
78) Terphenyl-d14	13.06	244	560232	65.22	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	41418	4.76	ng	#	79
25) Isophorone	7.53	82	311784	43.14	ng	#	66
31) Naphthalene	8.26	128	70776	6.79	ng		98
37) 2-Methylnaphthalene	8.96	142	20523	2.84	ng		98
48) Acenaphthylene	9.85	152	45436	3.77	ng		98
49) Dimethylphthalate	9.70	163	139188	15.34	ng		100
51) Acenaphthene	10.02	154	51748	7.15	ng		98
54) Dibenzofuran	10.19	168	72789	7.33	ng		99
55) 4-Nitrophenol	10.19	139	26536	24.14	ng	#	12
56) 2,4-Dinitrotoluene	9.99	165	16952	7.08	ng	#	21
57) Fluorene	10.54	166	78622	9.64	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	9975	3.82	ng	#	1
70) Phenanthrene	11.51	178	1039074	81.16	ng		99
71) Anthracene	11.55	178	253238	19.19	ng		99
72) Carbazole	11.71	167	152326	12.66	ng		98
74) Fluoranthene	12.70	202	959433	69.77	ng		98
77) Pyrene	12.93	202	769914	56.99	ng		99
80) Benzo(a)anthracene	14.15	228	478651	40.41	ng		98
82) Chrysene	14.18	228	318273	25.50	ng		98
85) Indeno(1,2,3-cd)pyrene	17.21	276	137478	13.86	ng		95
87) Benzo(b)fluoranthene	15.27	252	564488	44.75	ng		99
88) Benzo(k)fluoranthene	15.27	252	564488	53.24	ng		98
89) Benzo(a)pyrene	15.65	252	266016	24.54	ng		98
90) Dibenzo(a,h)anthracene	17.40	278	30142	3.39	ng		94
91) Benzo(g,h,i)perylene	17.67	276	119398	13.83	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082347.D
Acq On : 17 Oct 2015 2:31
Operator : UM/IZ
Sample : G4009-03RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
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KW-3

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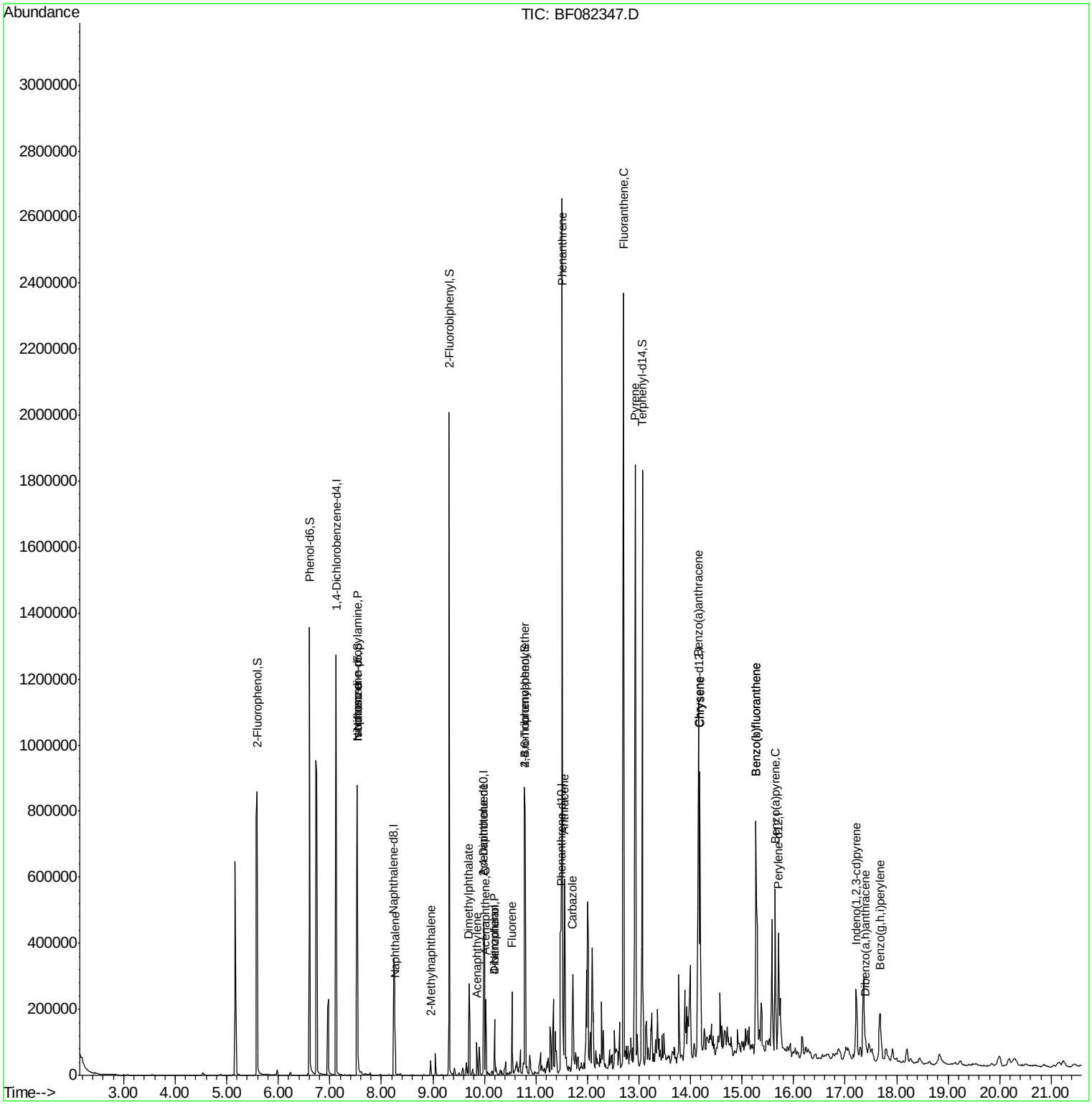
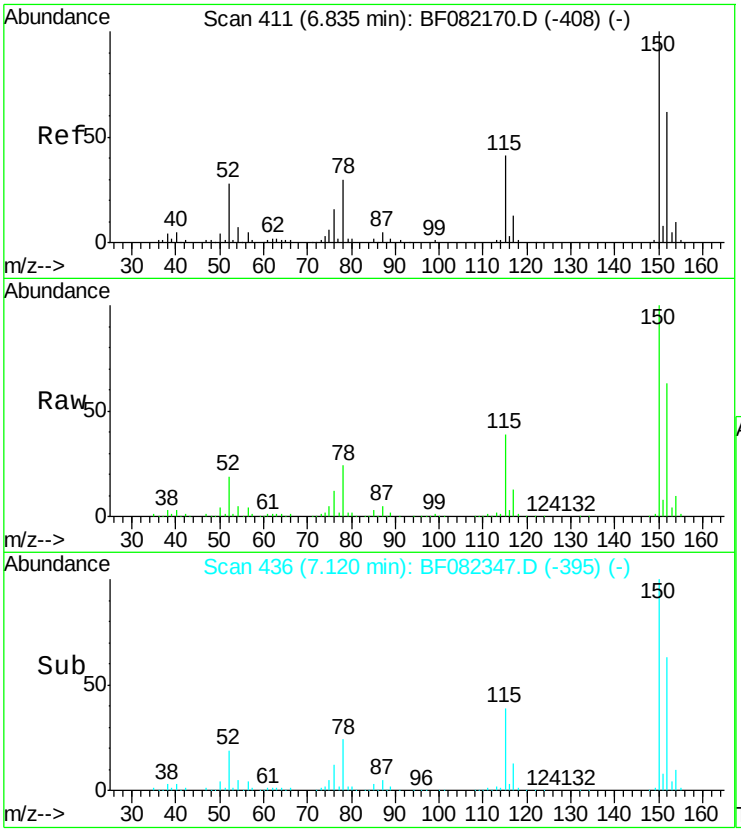


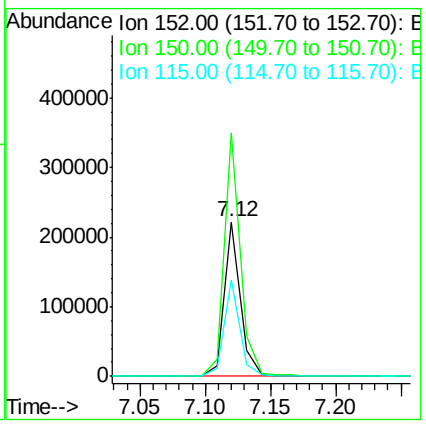


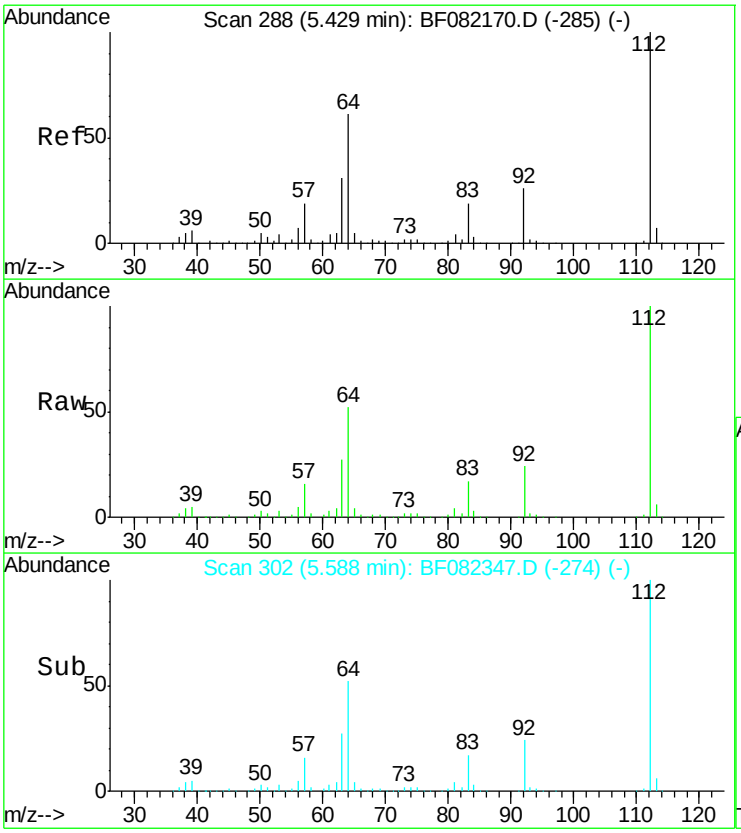
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:152 Resp: 192357

Ion	Ratio	Lower	Upper
152	100		
150	157.8	129.0	193.4
115	62.3	52.1	78.1

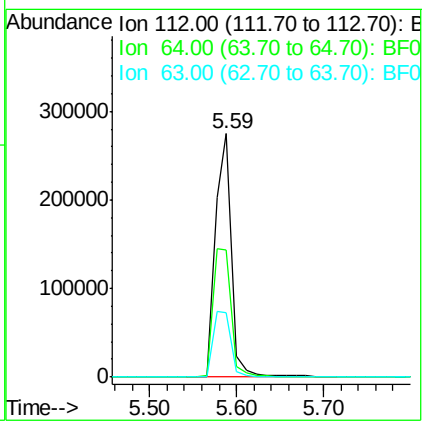


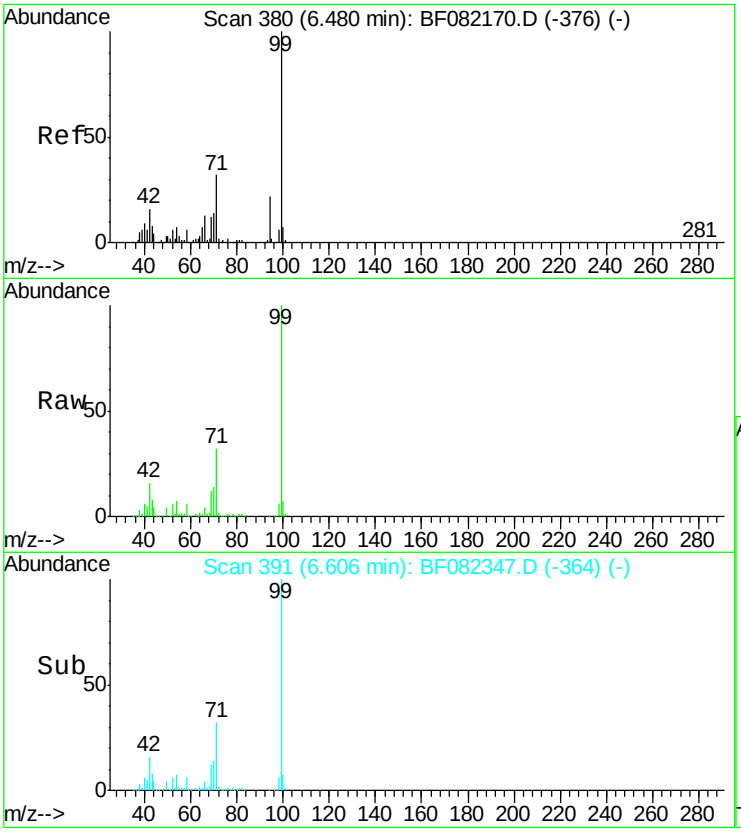


#5
2-Fluorophenol
Concen: 37.86 ng
RT: 5.59 min Scan# 302
Delta R.T. 0.02 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:112 Resp: 360821

Ion	Ratio	Lower	Upper
112	100		
64	52.2	48.6	73.0
63	26.7	25.1	37.7



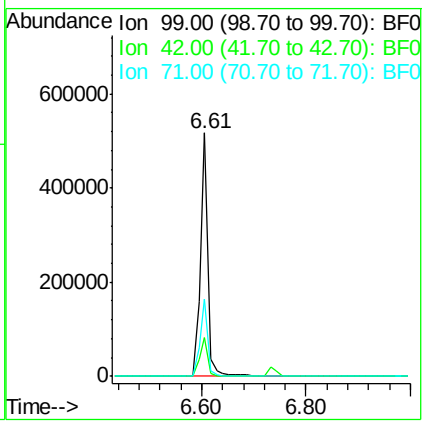


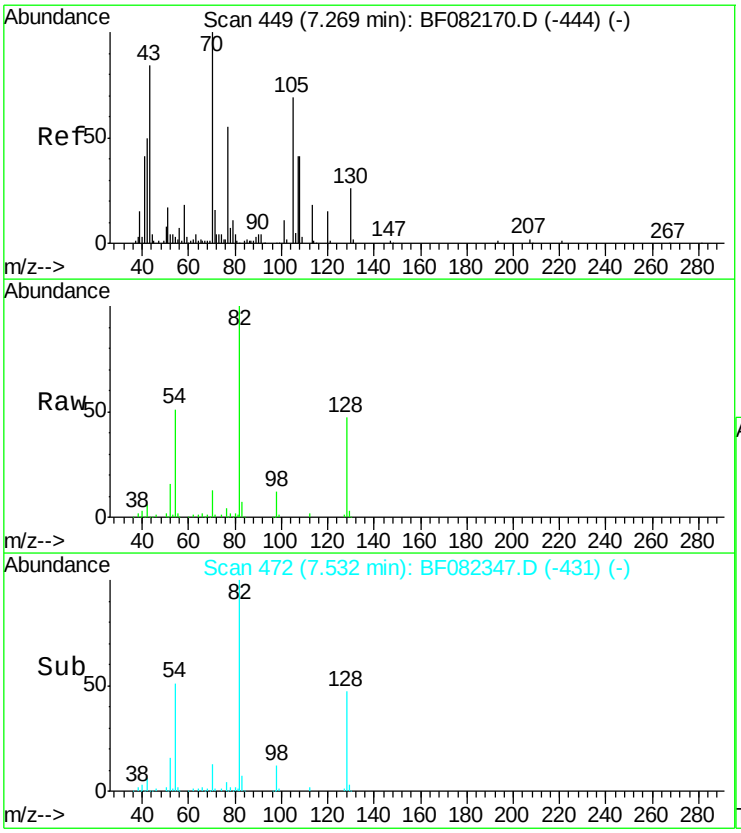
#7
Phenol-d6
Concen: 42.27 ng
RT: 6.61 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion: 99 Resp: 524277

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.2	19.8
71	31.7	25.6	38.4

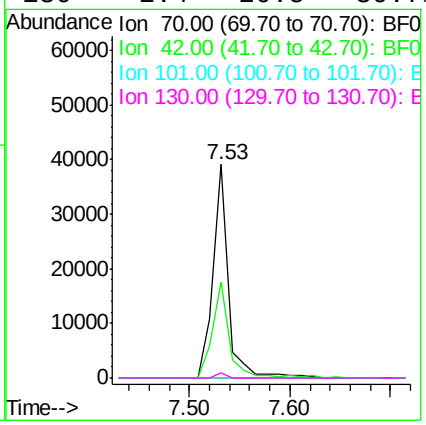


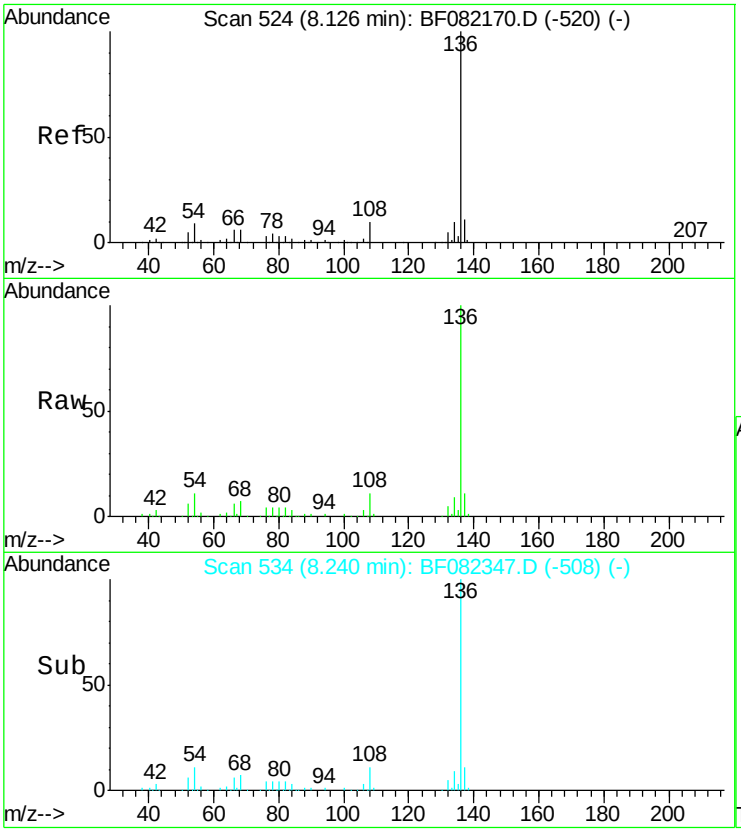


#19
n-Nitroso-di-n-propylamine
Concen: 4.76 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.17 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion: 70 Resp: 41418

Ion	Ratio	Lower	Upper
70	100		
42	44.7	39.8	59.8
101	0.0	8.6	13.0#
130	2.4	20.5	30.7#



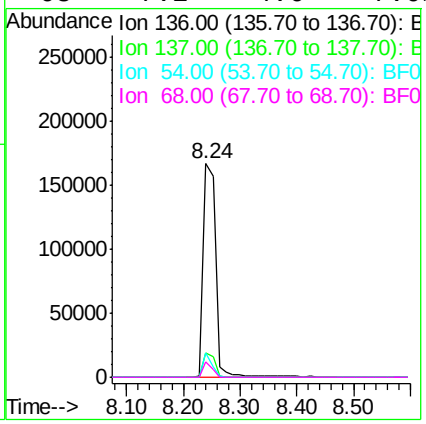


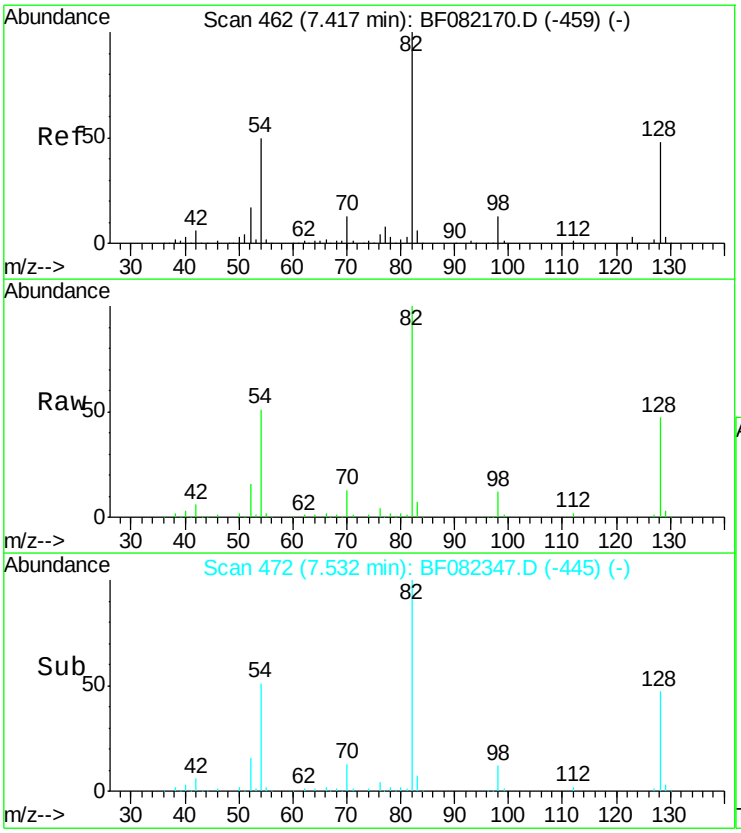
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:136 Resp: 240462

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.3	7.5	11.3#
68	7.2	4.6	7.0#

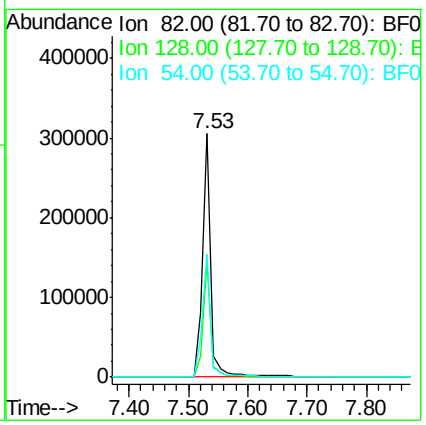


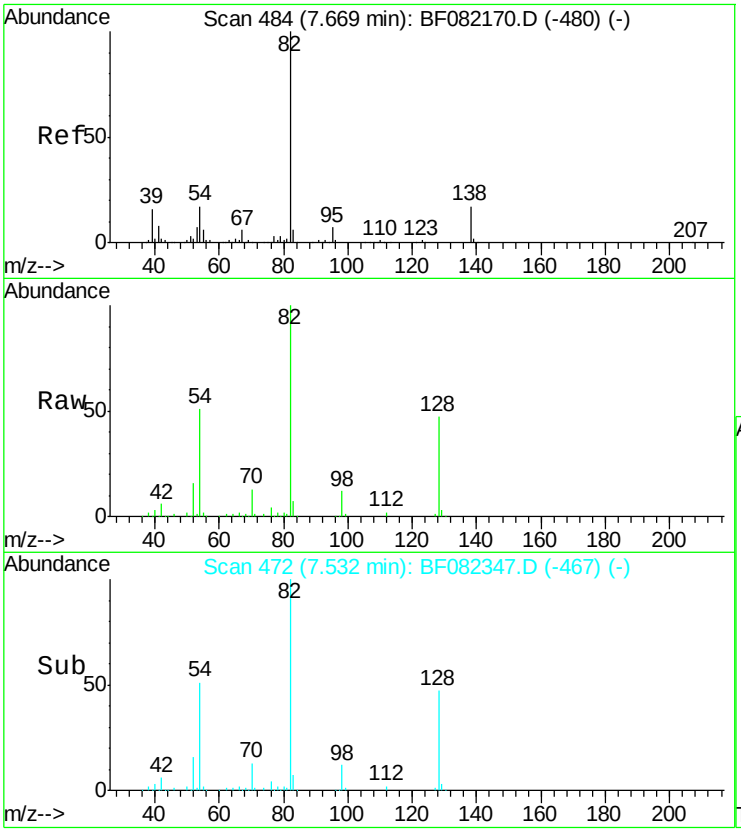


#23
Nitrobenzene-d5
Concen: 87.07 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion: 82 Resp: 311789

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.7	58.1
54	50.8	40.1	60.1



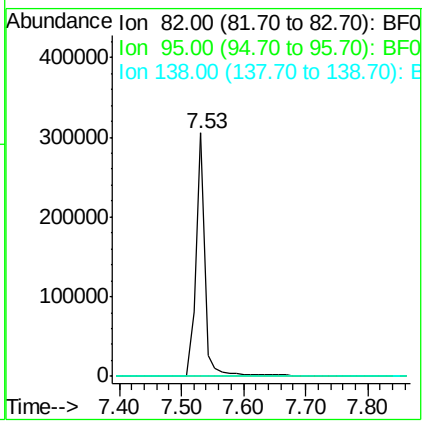


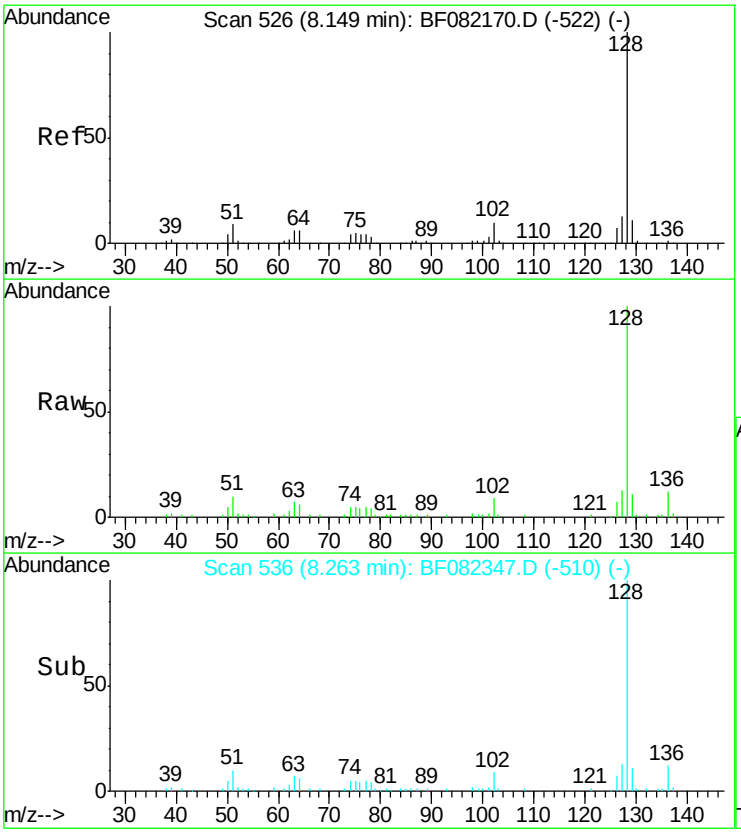
#25
Isophorone
Concen: 43.14 ng
RT: 7.53 min Scan# 472
Delta R.T. -0.24 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion: 82 Resp: 311784

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

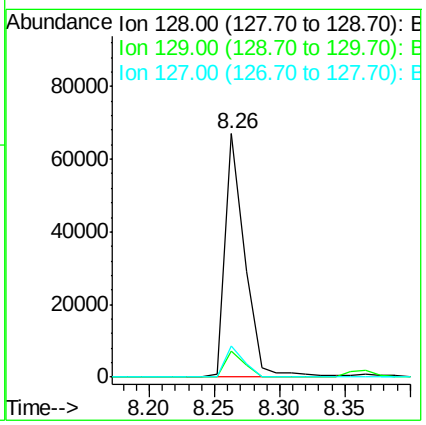


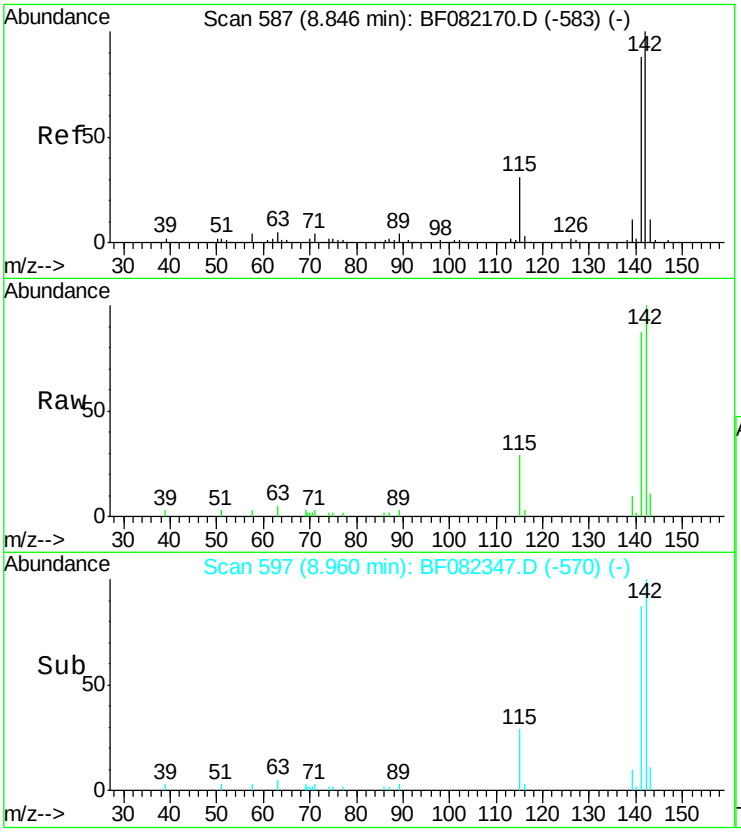


#31
Naphthalene
Concen: 6.79 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:128 Resp: 70776

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.8	10.7	16.1



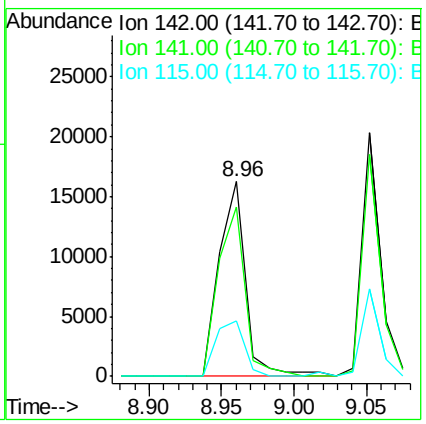


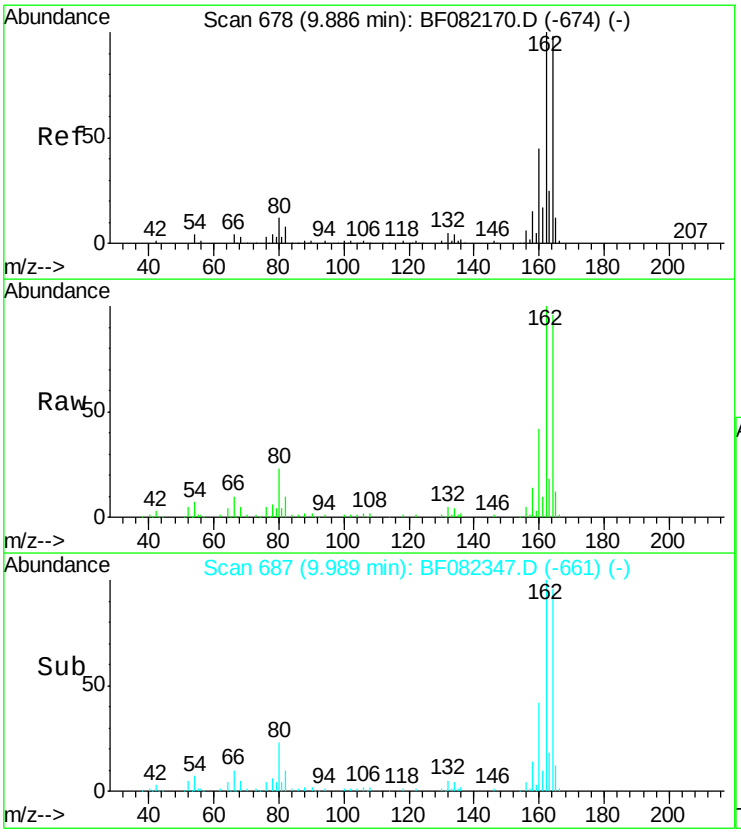
#37
2-Methylnaphthalene
Concen: 2.84 ng
RT: 8.96 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:142 Resp: 20523

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	28.6	24.6	37.0

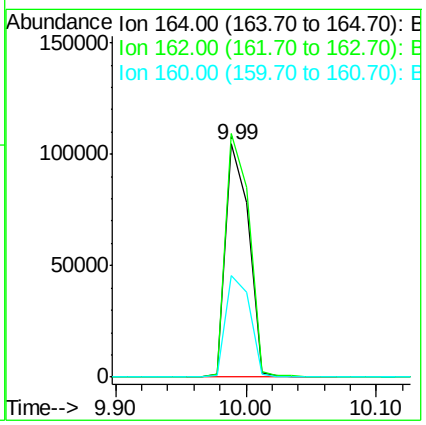


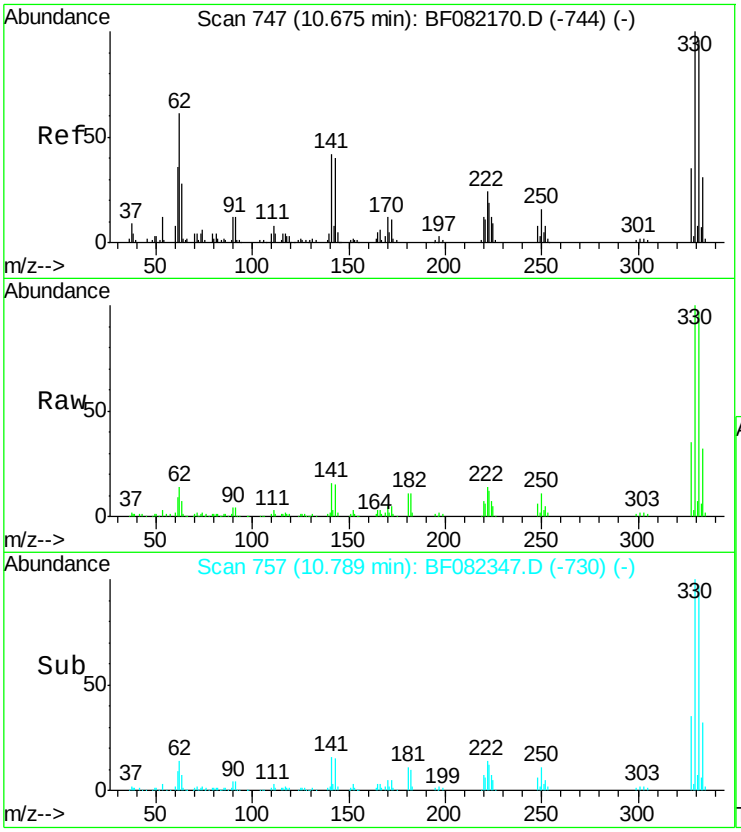


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:164 Resp: 128852

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	43.6	36.4	54.6



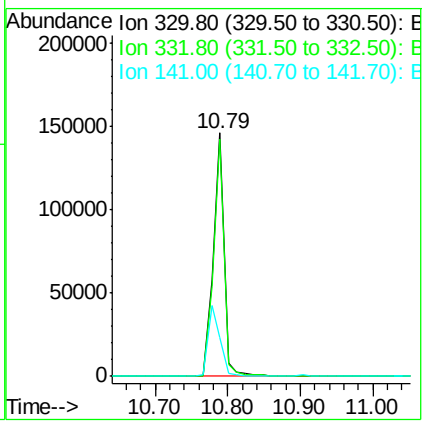


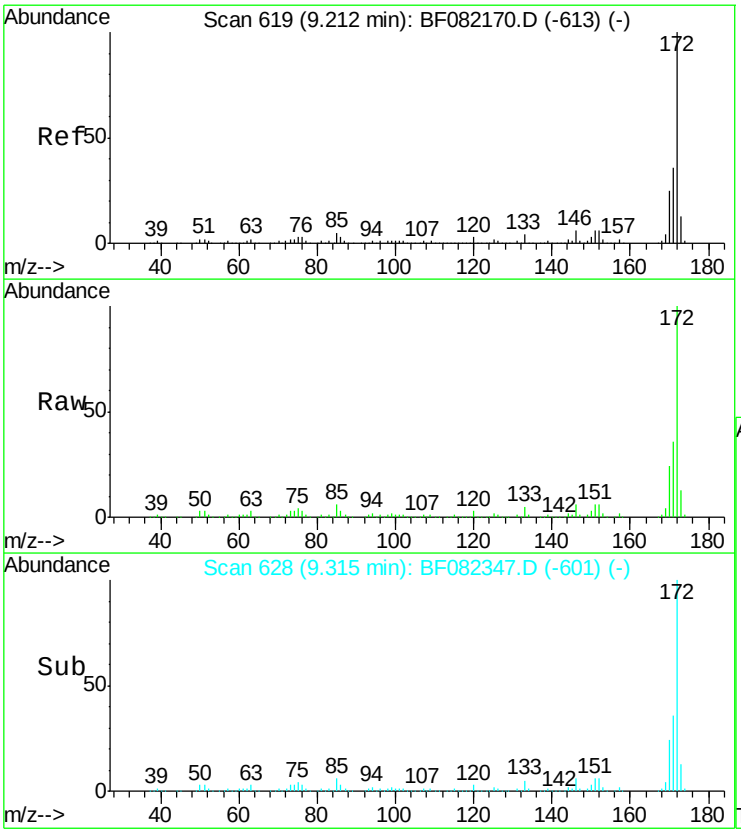
#41
2,4,6-Tribromophenol
Concen: 125.21 ng
RT: 10.79 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:330 Resp: 151304

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	32.4	29.8	44.8

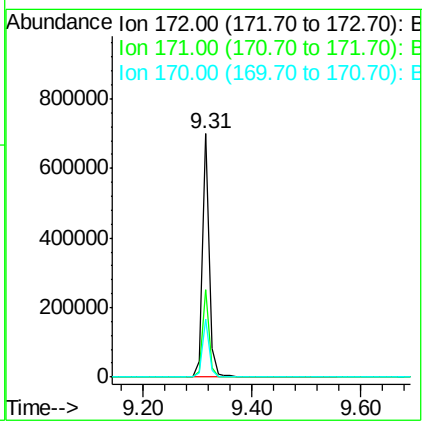


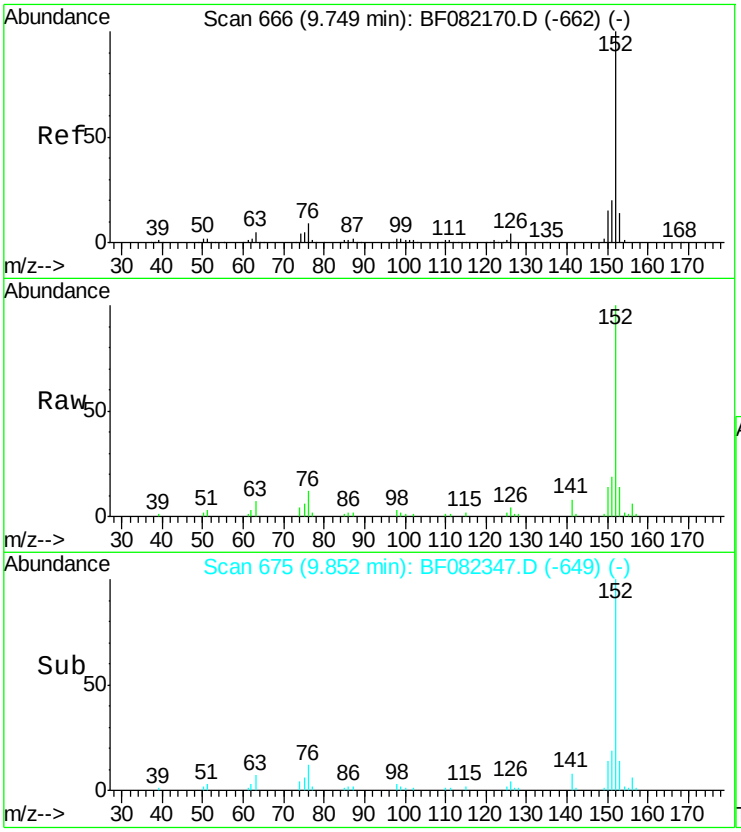


#44
2-Fluorobiphenyl
Concen: 76.17 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:172 Resp: 591814

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.1	19.7	29.5



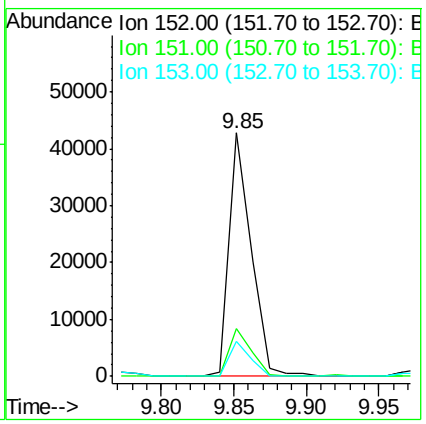


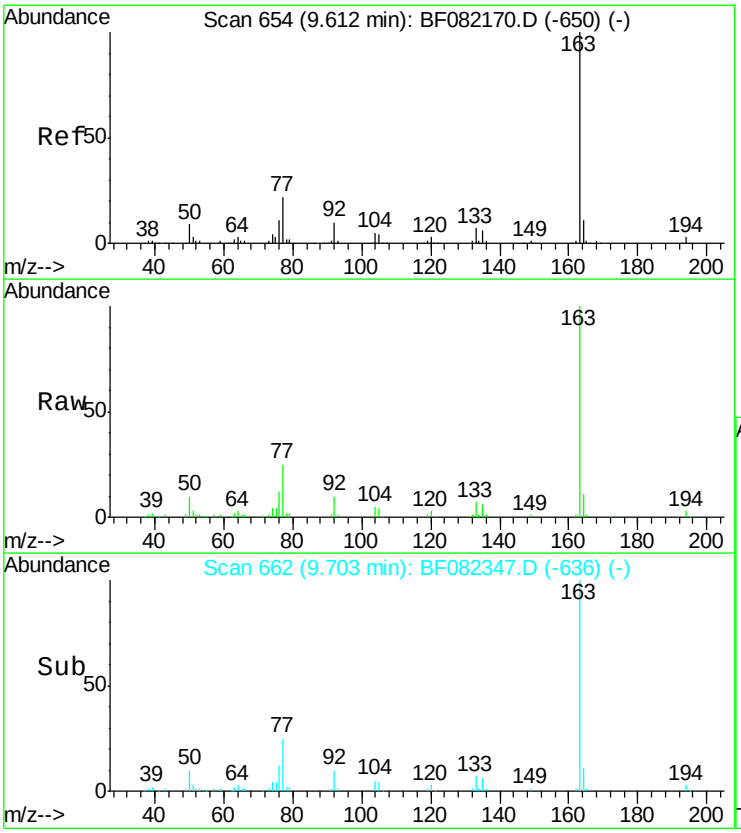
#48
Acenaphthylene
Concen: 3.77 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:152 Resp: 45436

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6
153	14.2	10.8	16.2

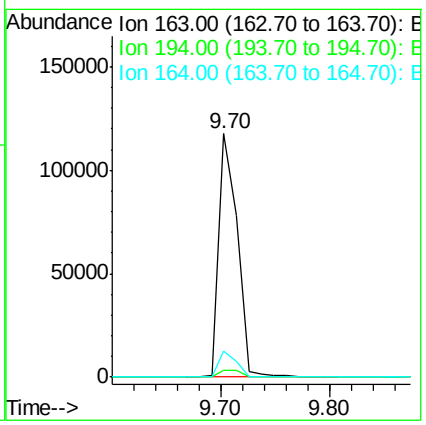


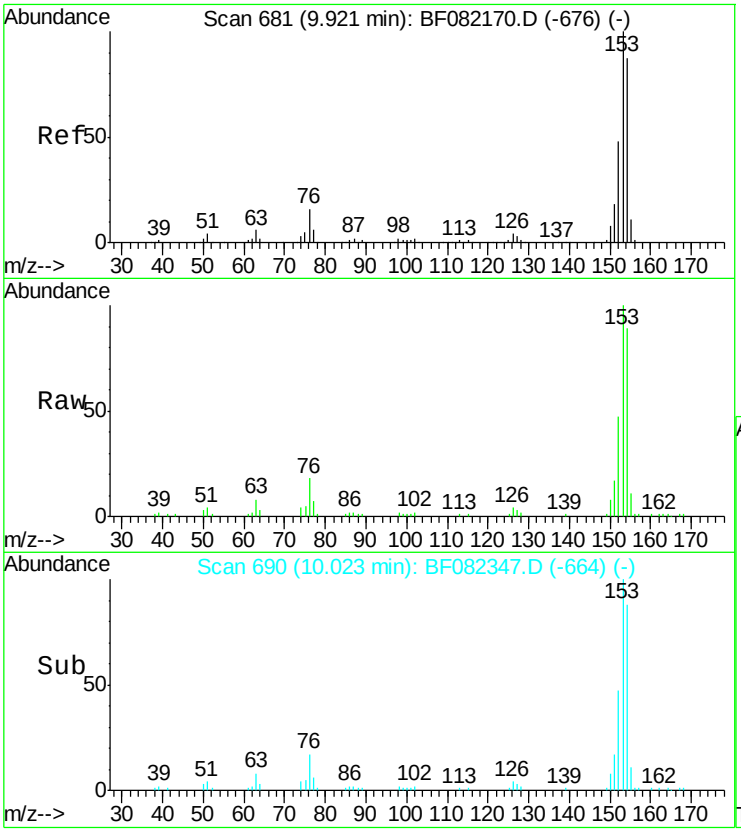


#49
Dimethylphthalate
Concen: 15.34 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:163 Resp: 139188

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.7	8.5	12.7



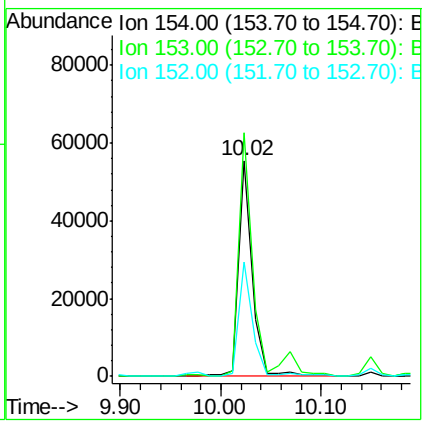


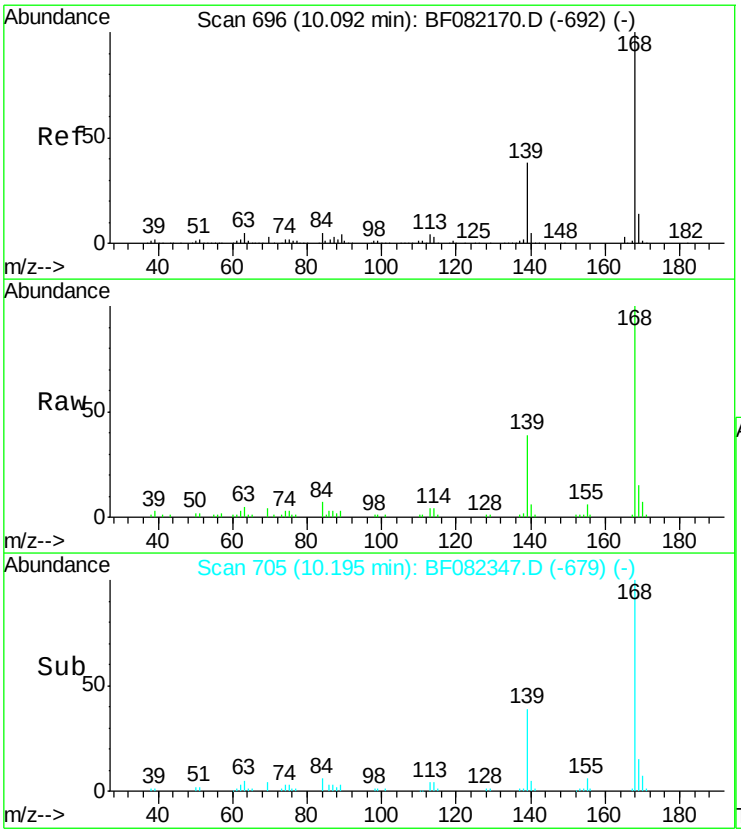
#51
Acenaphthene
Concen: 7.15 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:154 Resp: 51748

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.4	137.2
152	53.0	44.3	66.5

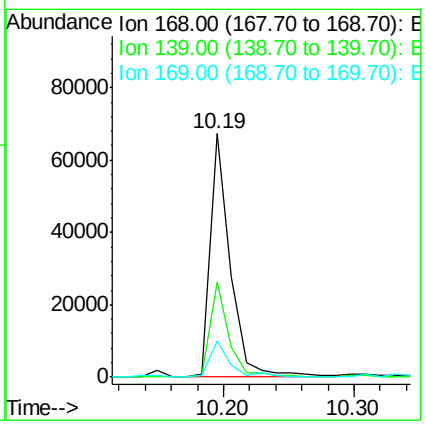


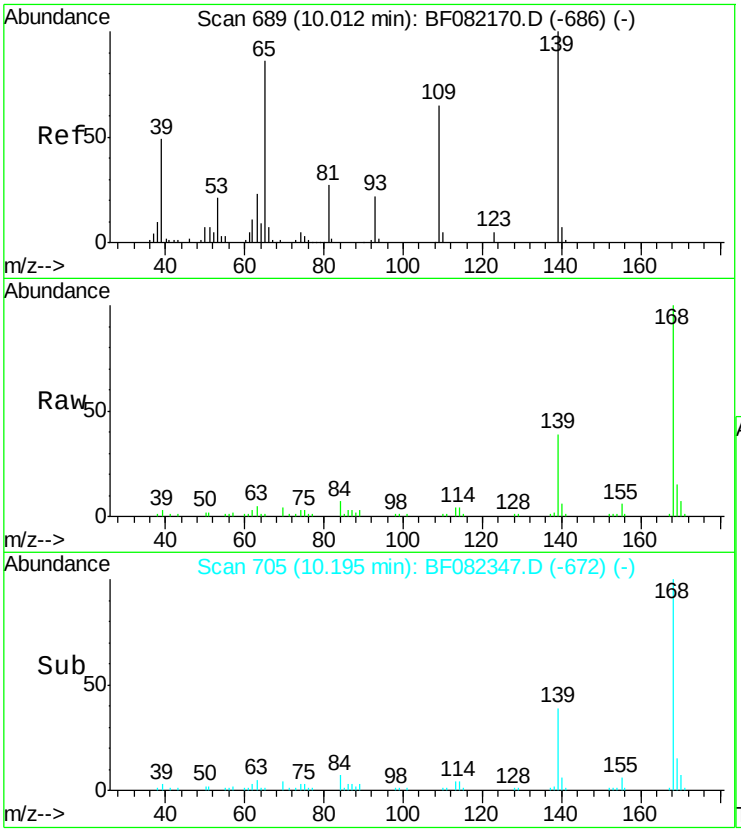


#54
Dibenzofuran
Concen: 7.33 ng
RT: 10.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:168 Resp: 72789

Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.0	46.6
169	14.8	10.9	16.3



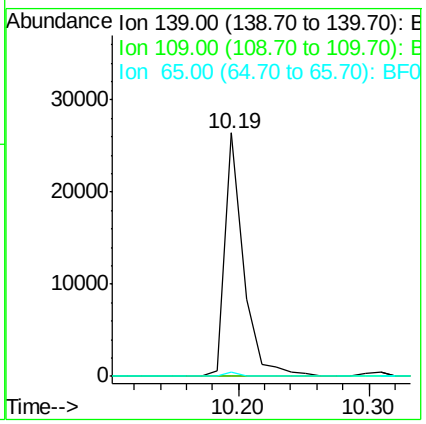


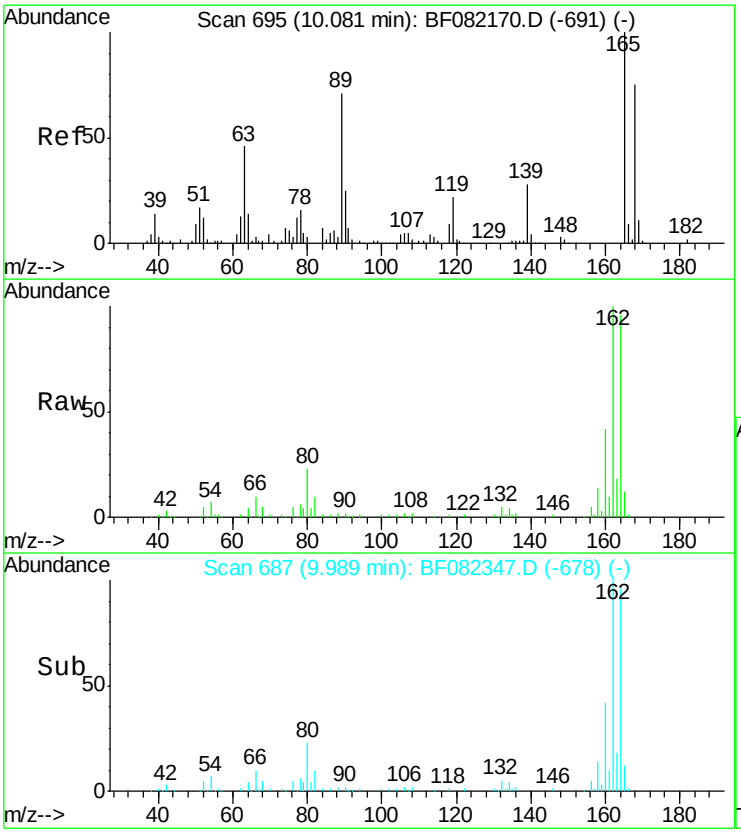
#55
4-Nitrophenol
Concen: 24.14 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.08 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:139 Resp: 26536

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.8	84.8#
65	1.8	67.7	107.7#

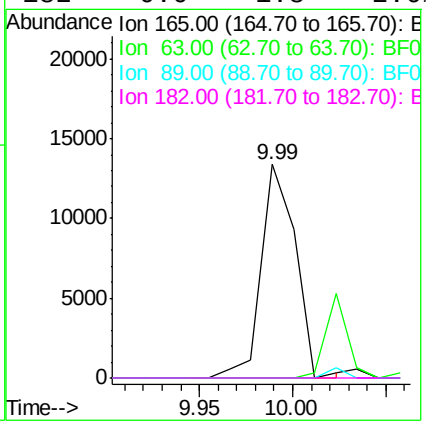


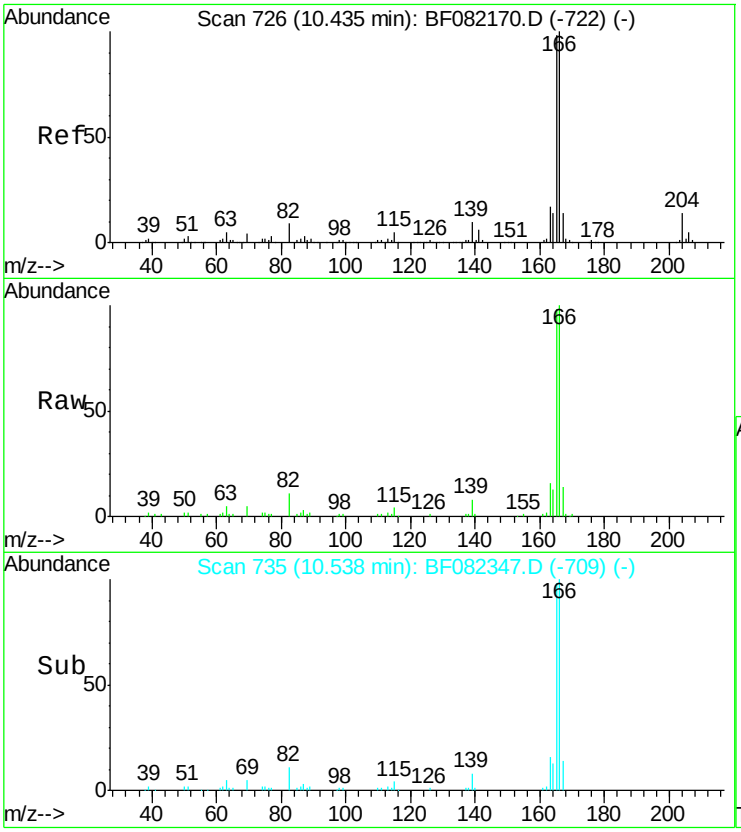


#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:165 Resp: 16952

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



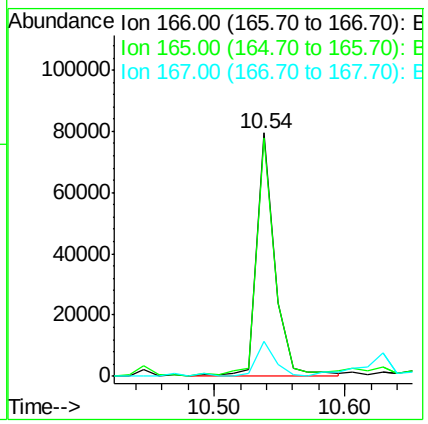


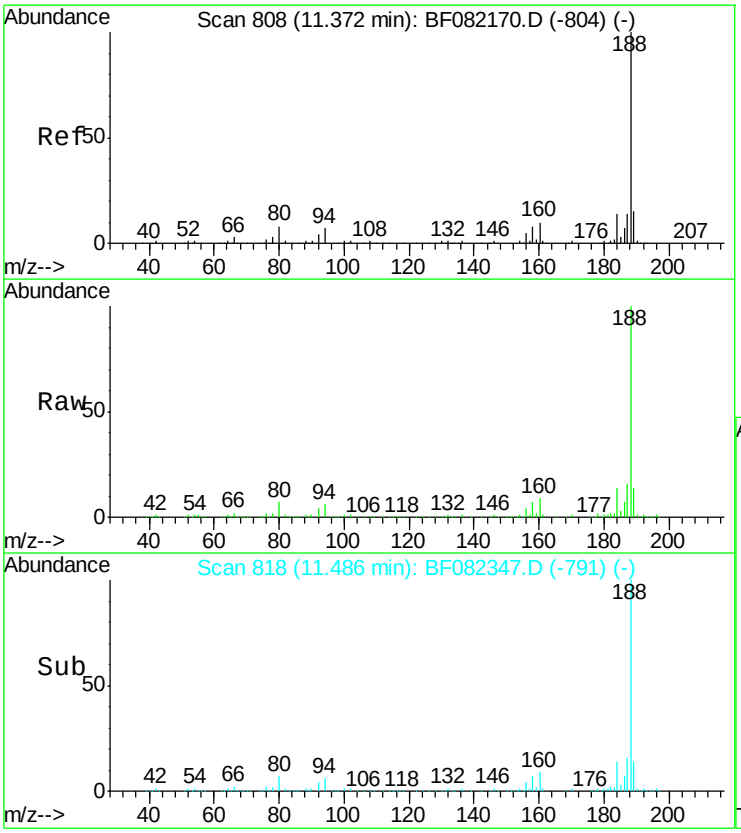
#57
Fluorene
Concen: 9.64 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:166 Resp: 78622

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	14.3	10.8	16.2

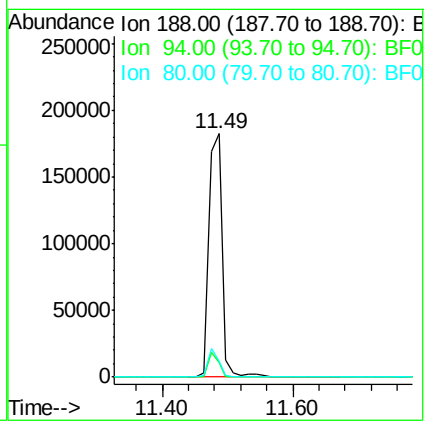


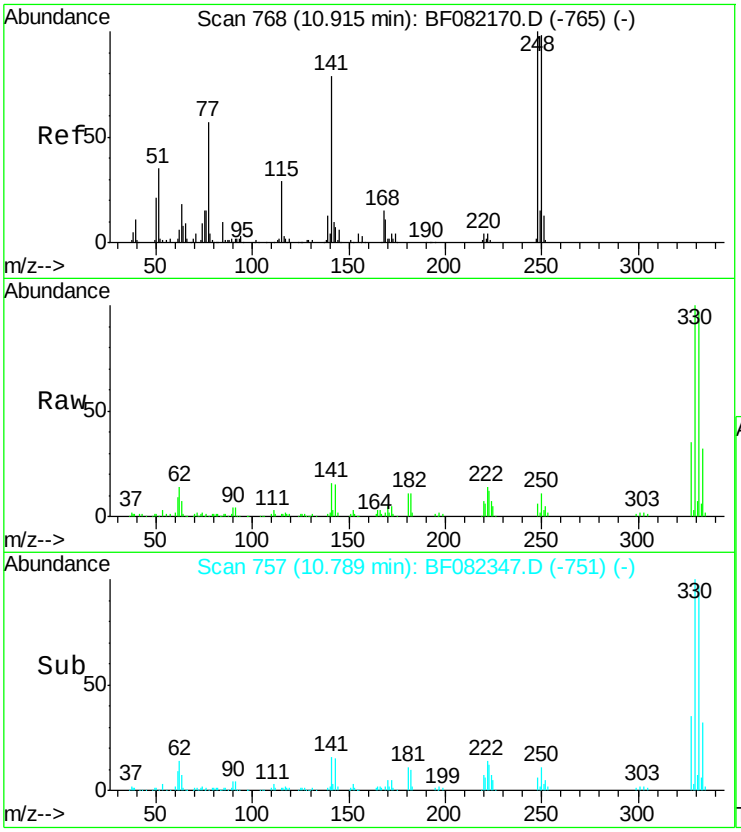


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:188 Resp: 261206

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.8	8.6
80	6.5	6.4	9.6



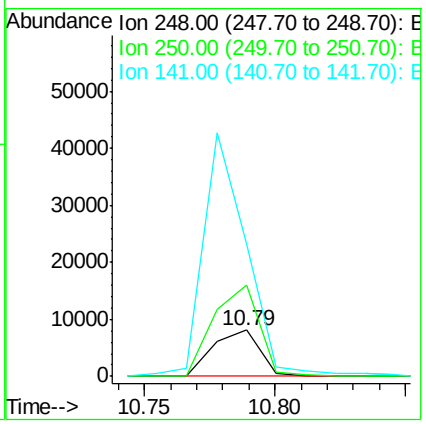


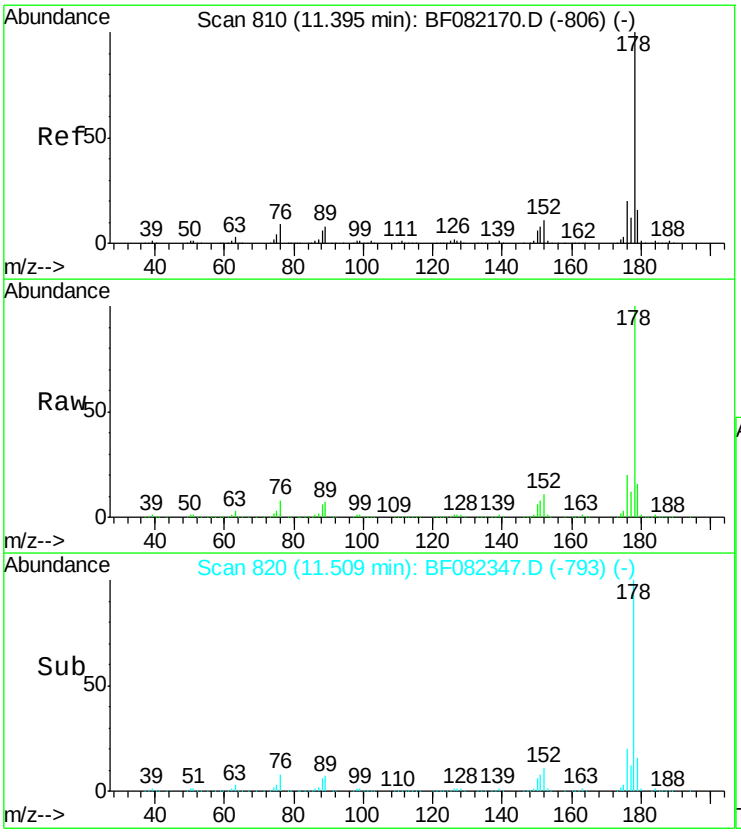
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.79 min Scan# 757
Delta R.T. -0.23 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:248 Resp: 9975

Ion	Ratio	Lower	Upper
248	100		
250	197.4	78.6	117.8#
141	288.1	63.3	94.9#

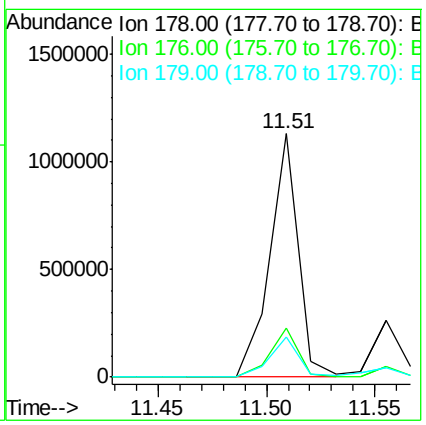


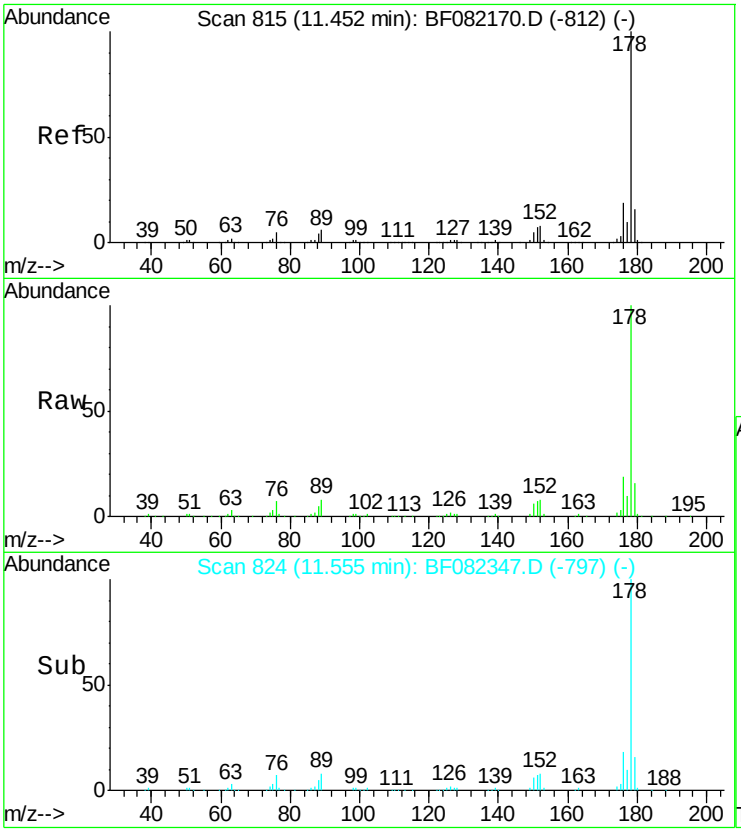


#70
Phenanthrene
Concen: 81.16 ng
RT: 11.51 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:178 Resp: 1039074

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.3	12.6	19.0



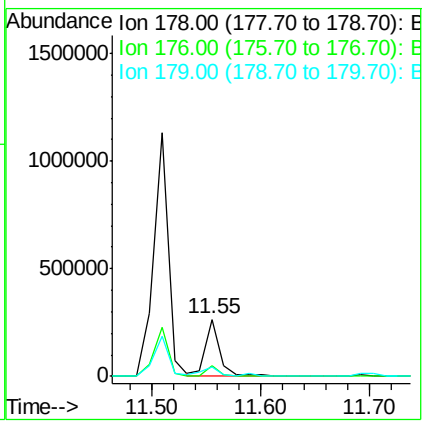


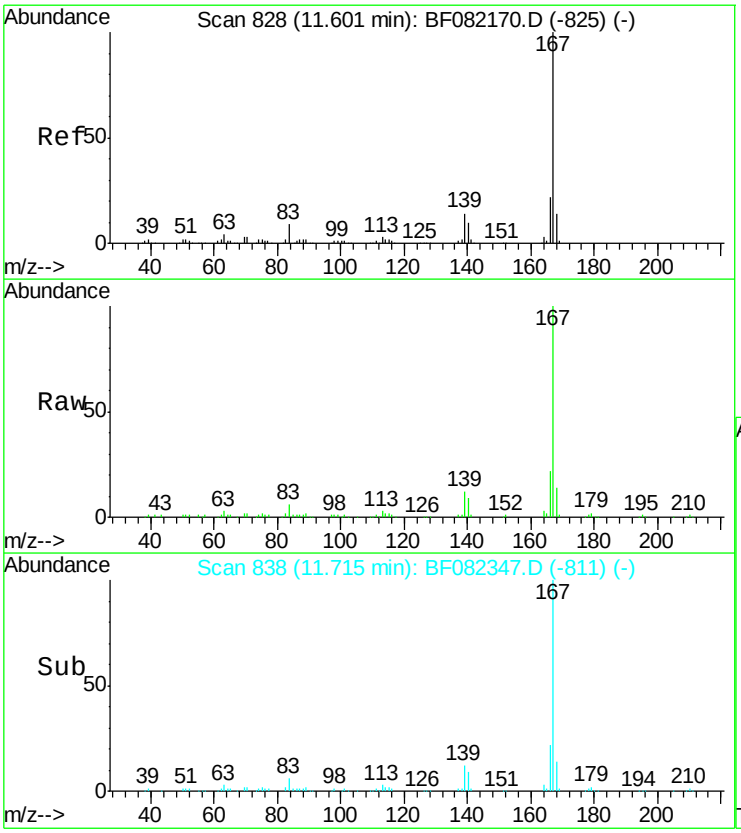
#71
Anthracene
Concen: 19.19 ng
RT: 11.55 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:178 Resp: 253238

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.9	12.5	18.7

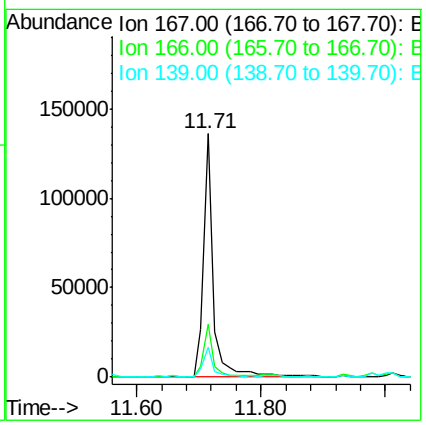


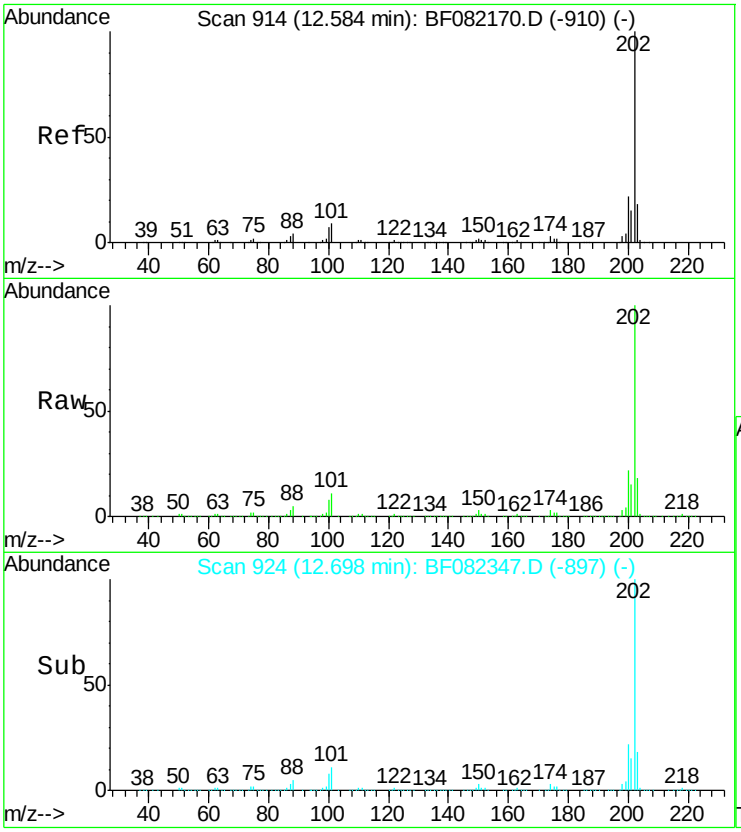


#72
Carbazole
Concen: 12.66 ng
RT: 11.71 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:167 Resp: 152326

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.1	11.2	16.8



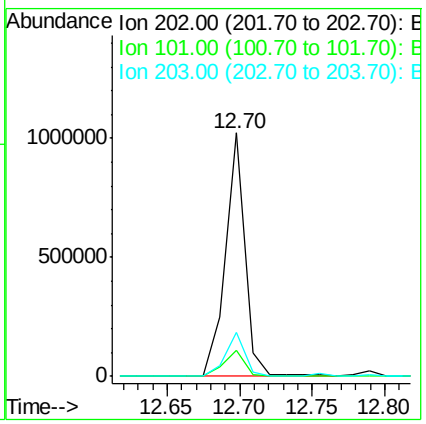


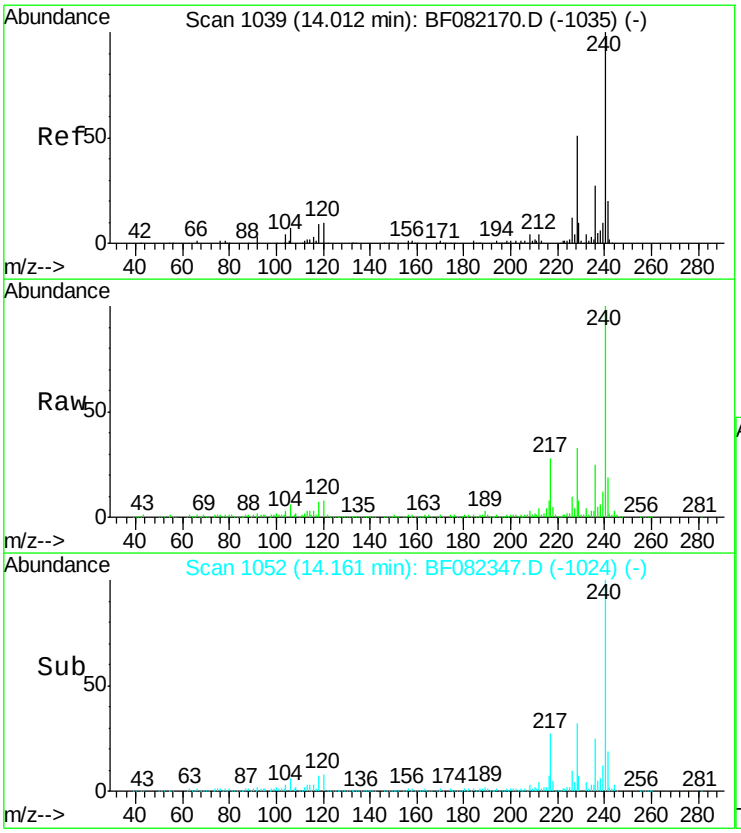
#74
Fluoranthene
Concen: 69.77 ng
RT: 12.70 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:202 Resp: 959433

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.3
203	18.1	0.0	37.8

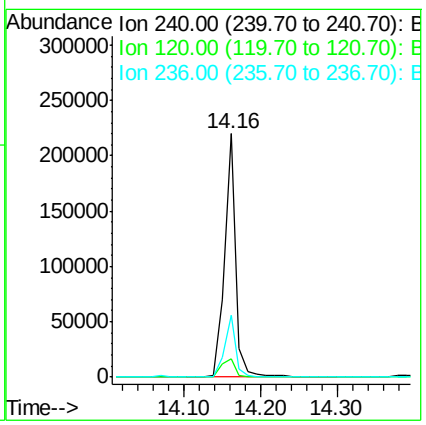


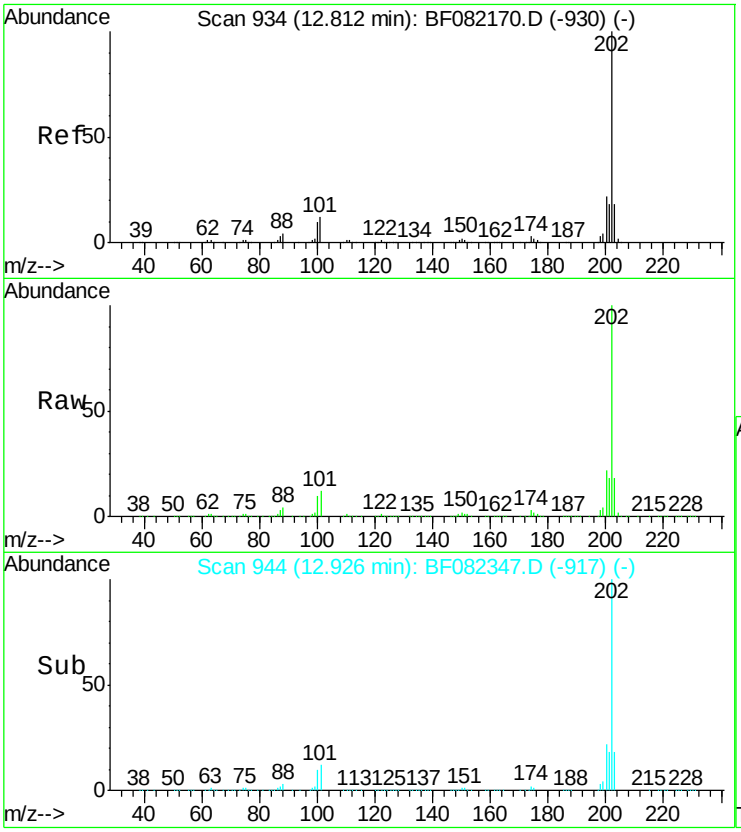


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1052
Delta R.T. 0.02 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:240 Resp: 227630

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.1	12.1#
236	25.3	21.3	31.9



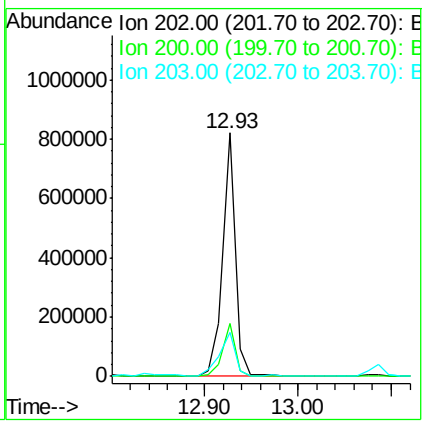


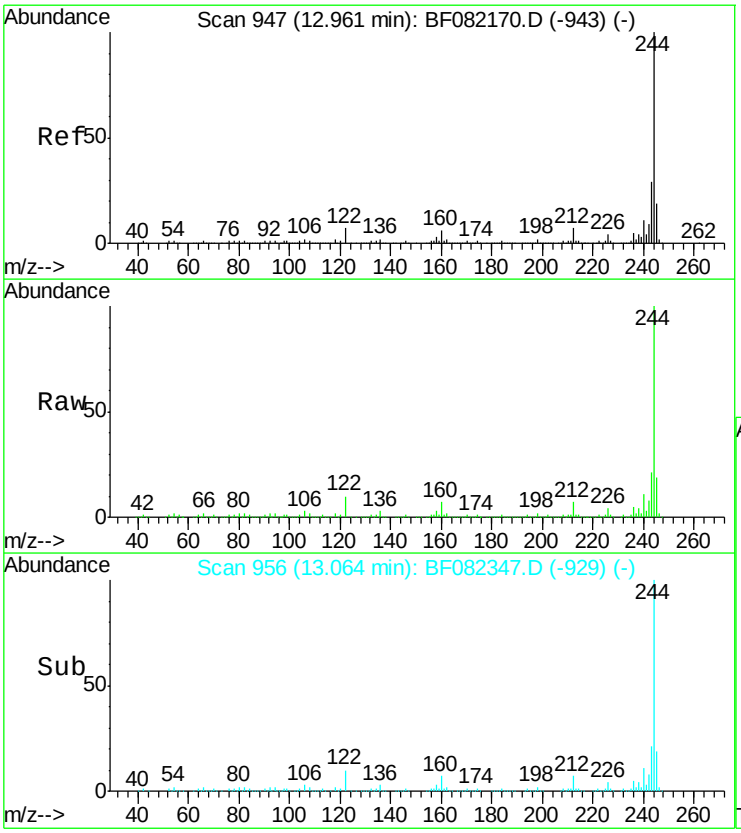
#77
Pyrene
Concen: 56.99 ng
RT: 12.93 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:202 Resp: 769914

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.1	14.5	21.7

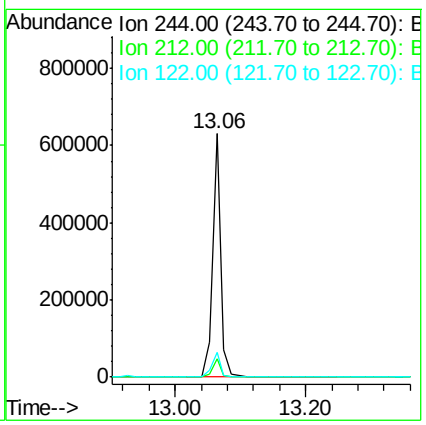


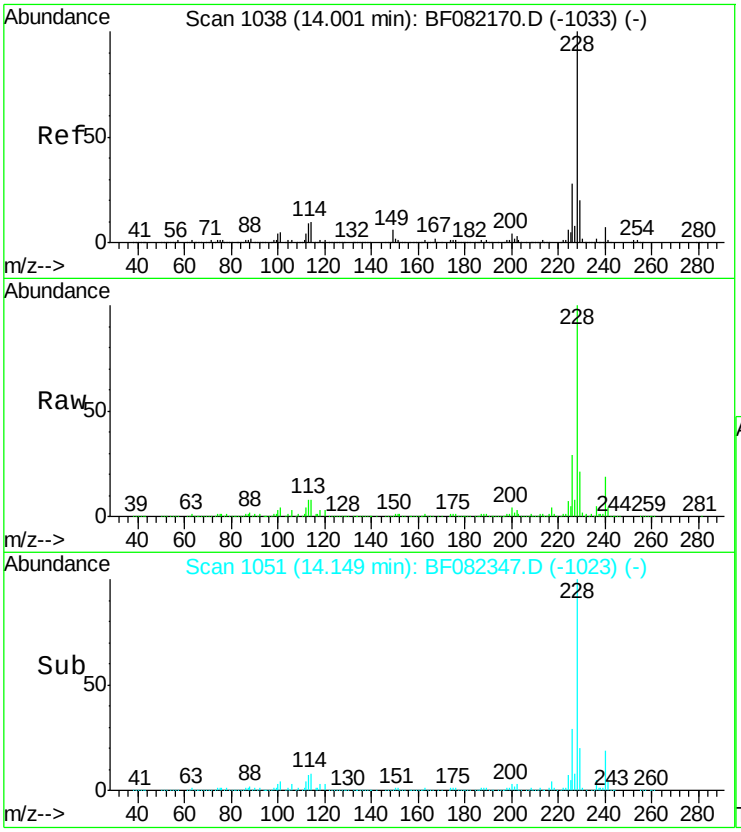


#78
Terphenyl-d14
Concen: 65.22 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:244 Resp: 560232

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.0	5.9	8.9#



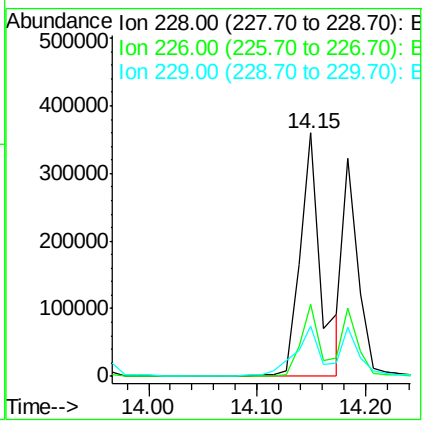


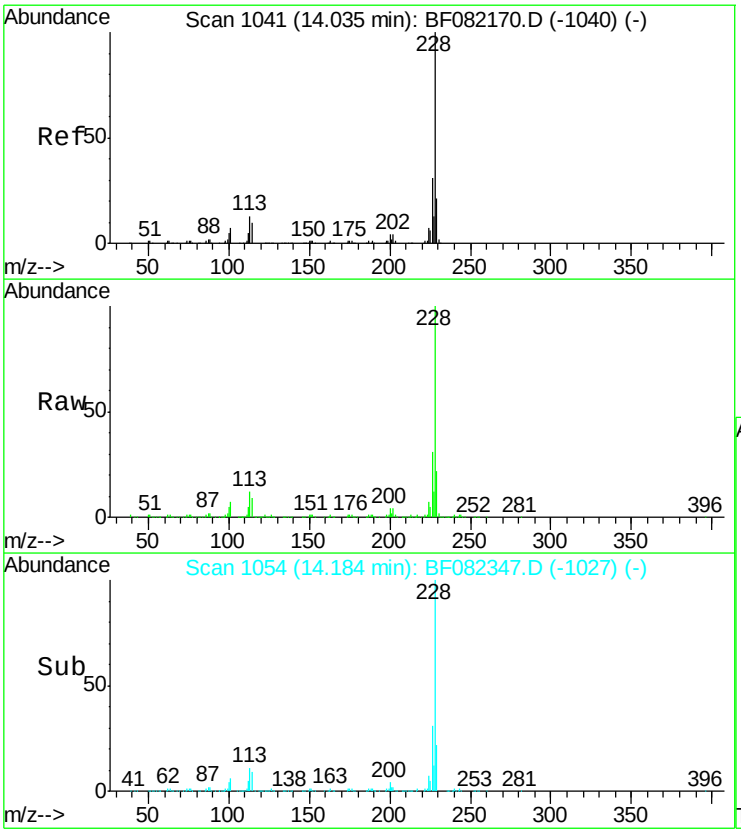
#80
Benzo(a)anthracene
Concen: 40.41 ng
RT: 14.15 min Scan# 1051
Delta R.T. 0.02 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:228 Resp: 478651

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	20.5	16.2	24.2

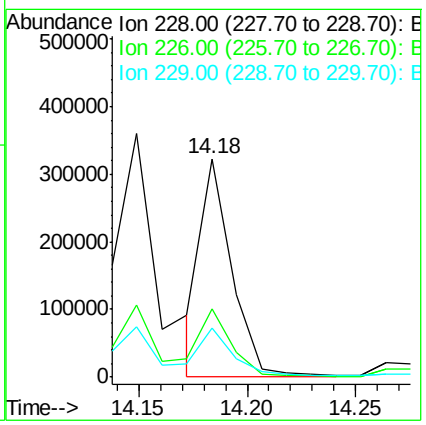


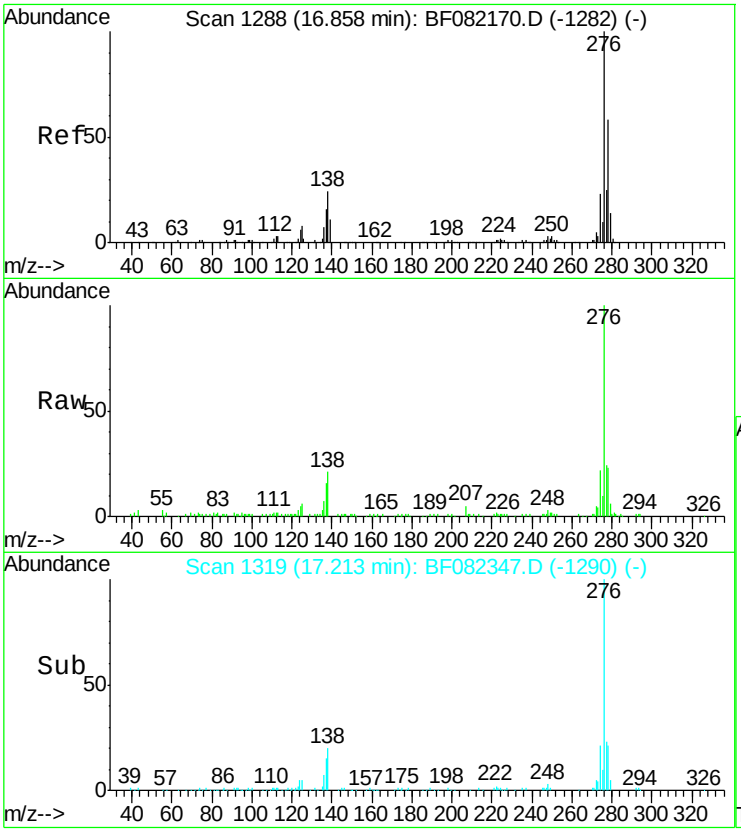


#82
Chrysene
Concen: 25.50 ng
RT: 14.18 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:228 Resp: 318273

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	22.2	16.3	24.5



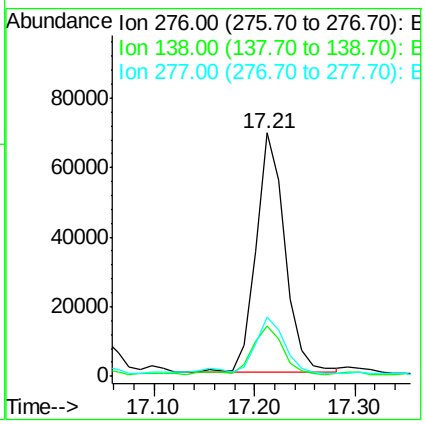


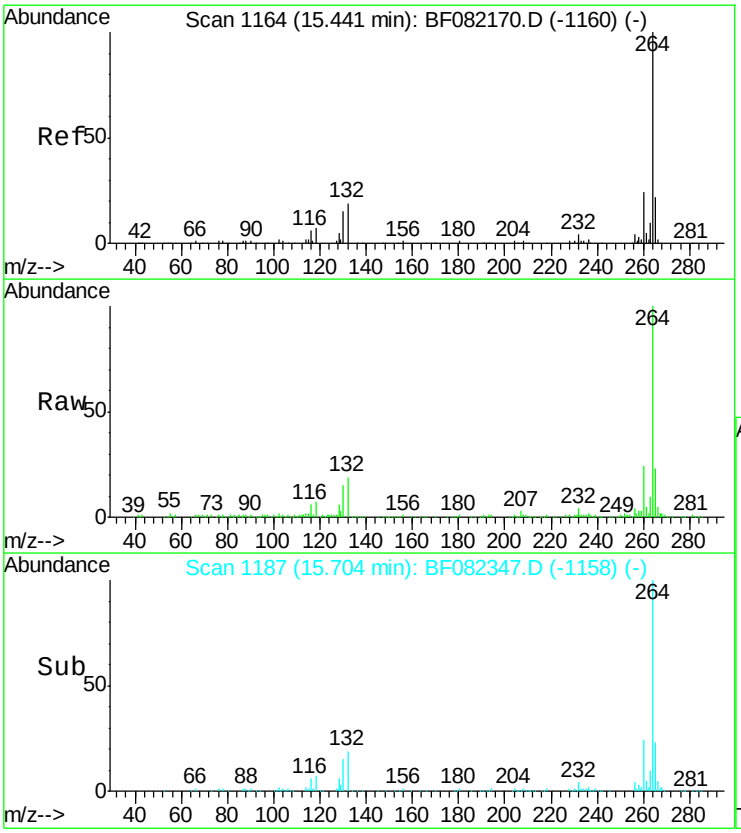
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.86 ng
RT: 17.21 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:276 Resp: 137478

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.7	29.5
277	23.7	20.1	30.1

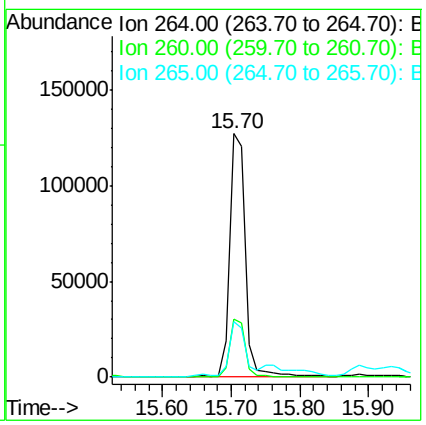


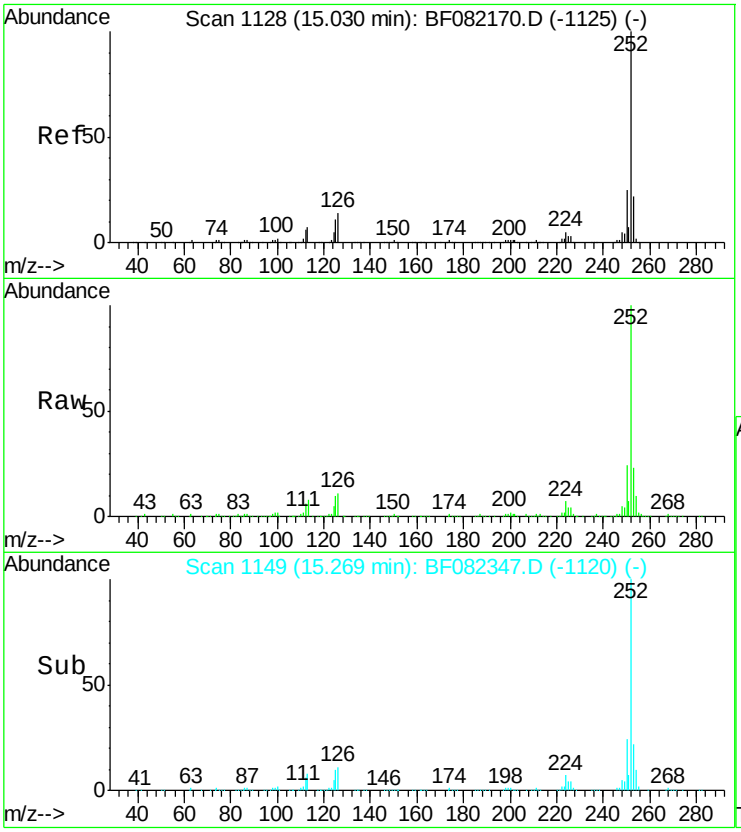


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1187
Delta R.T. 0.03 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:264 Resp: 207340

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.8	17.3	25.9



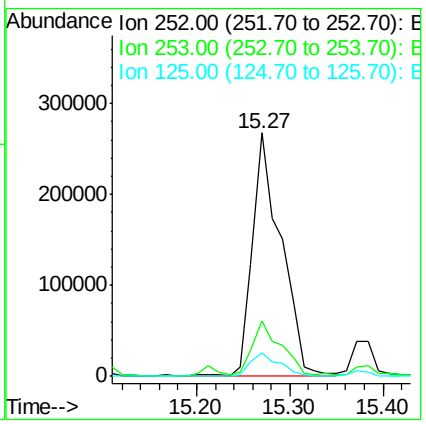


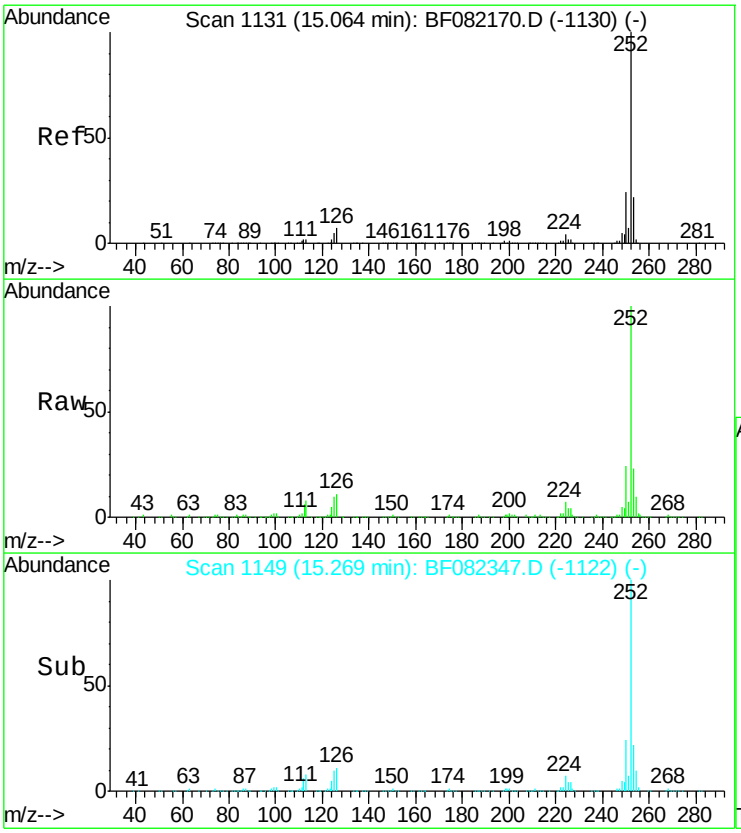
#87
Benzo(b)fluoranthene
Concen: 44.75 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:252 Resp: 564488

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.7	8.6	12.8

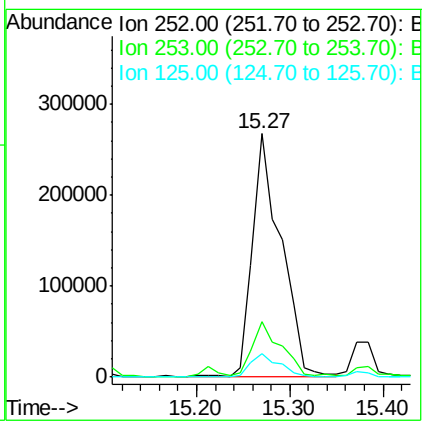


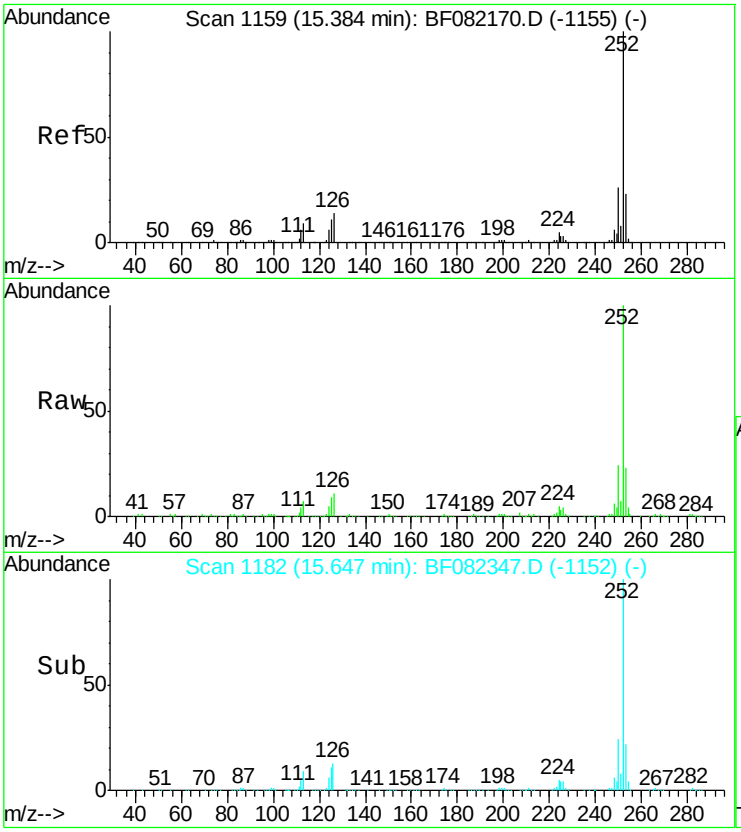


#88
Benzo(k)fluoranthene
Concen: 53.24 ng
RT: 15.27 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:252 Resp: 564488

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.7	6.7	10.1



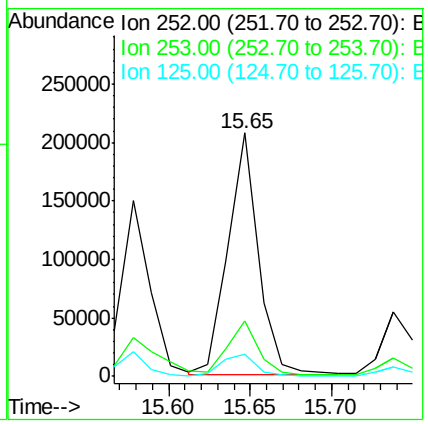


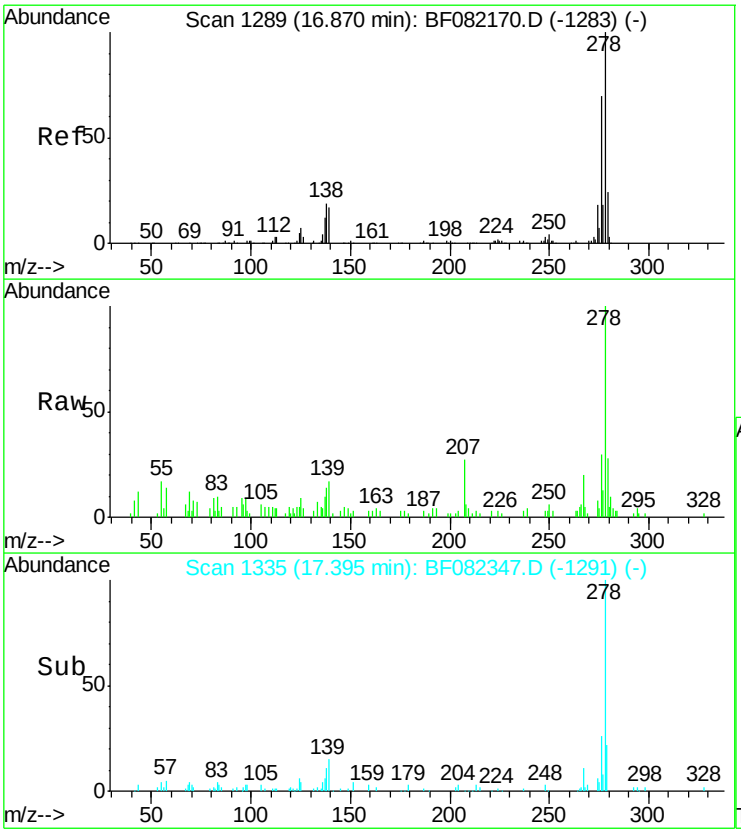
#89
Benzo(a)pyrene
Concen: 24.54 ng
RT: 15.65 min Scan# 1182
Delta R.T. 0.05 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:252 Resp: 266016

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.1	8.9	13.3

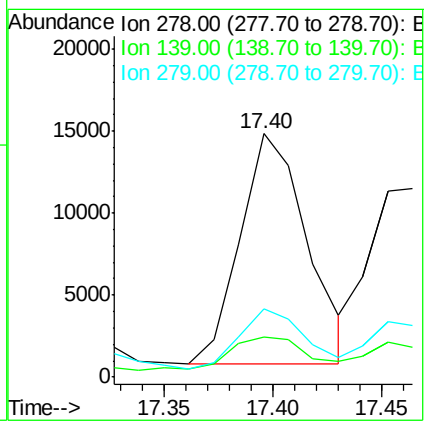


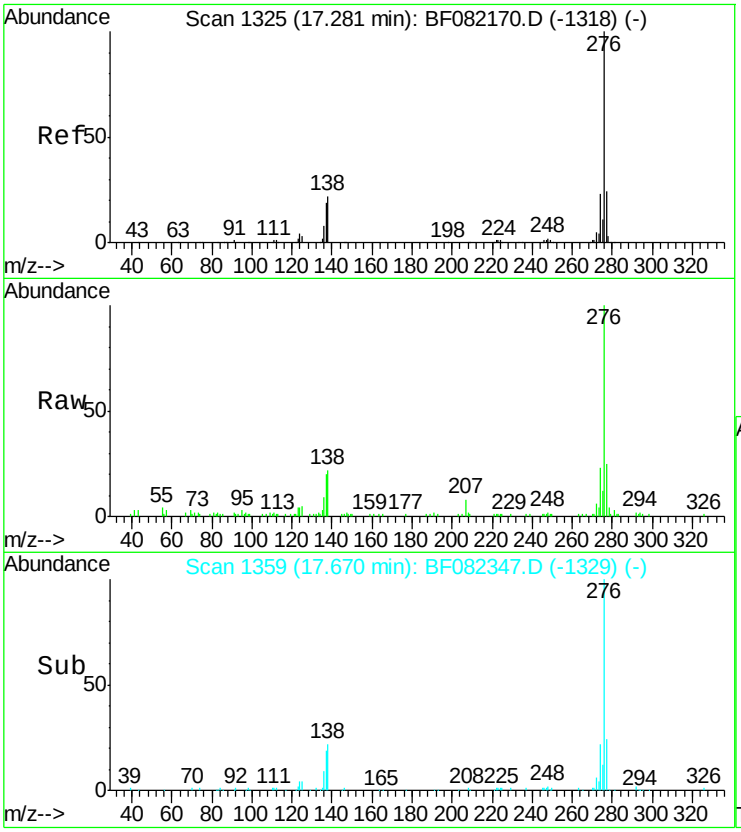


#90
Dibenzo(a,h)anthracene
Concen: 3.39 ng
RT: 17.40 min Scan# 1335
Delta R.T. 0.21 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Tgt Ion:278 Resp: 30142

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.3	19.9
279	28.3	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 13.83 ng
RT: 17.67 min Scan# 1359
Delta R.T. 0.05 min
Lab File: BF082347.D
Acq: 17 Oct 2015 2:31

Instrument :
BNA_F
ClientSampleId :
KW-3

Tgt Ion:276 Resp: 119398

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	22.0	17.4	26.2