Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KW-2

Quant Time: Oct 16 01:11:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83718	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	340682	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	167637	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	277677	20.00	ng		0.00
75) Chrysene-d12	14.09	240	204193	20.00	ng		0.00
86) Perylene-d12	15.67	264	201042	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	93314	22.50	ng		0.00
7) Phenol-d6	6.47	99	123505	22.88	ng		0.00
23) Nitrobenzene-d5	7.39	82	78101	15.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	24448	15.55	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	173970	17.21	ng		-0.01
78) Terphenyl-d14	12.96	244	123200	15.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	9101	2.40	ng	#	76
25) Isophorone	7.39	82	56135	5.48	ng	#	66
31) Naphthalene	8.14	128	34557	2.34	ng		99
49) Dimethylphthalate	9.59	163	54600	4.63	ng		100
50) 2,6-Dinitrotoluene	9.87	165	22227	8.92	ng	#	33
51) Acenaphthene	9.91	154	40430	4.30	ng		98
54) Dibenzofuran	10.08	168	49301	3.82	ng		95
55) 4-Nitrophenol	10.08	139	16946	12.26	ng	#	11
56) 2,4-Dinitrotoluene	9.87	165	22228	7.14	ng	#	23
57) Fluorene	10.42	166	27665	2.61	ng		99
70) Phenanthrene	11.39	178	851571	62.57	ng		100
71) Anthracene	11.44	178	177003	12.62	ng		98
72) Carbazole	11.60	167	79486	6.21	ng		99
74) Fluoranthene	12.59	202	959641	65.65	ng		96
77) Pyrene	12.82	202	796624	65.74	ng		100
80) Benzo(a)anthracene	14.08	228	482602	45.42	ng		98
82) Chrysene	14.12	228	313839	28.03	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	194532	21.86	ng	#	94
87) Benzo(b)fluoranthene	15.25	252	667176	54.55	ng		99
88) Benzo(k)fluoranthene	15.25	252	667176	64.90	ng	#	98
89) Benzo(a)pyrene	15.60	252	331115	31.50	ng		97
90) Dibenzo(a,h)anthracene	17.12	278	51252	5.95	ng	#	87
91) Benzo(g,h,i)perylene	17.56	276	160660	19.20	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Oct 2015 16:08
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

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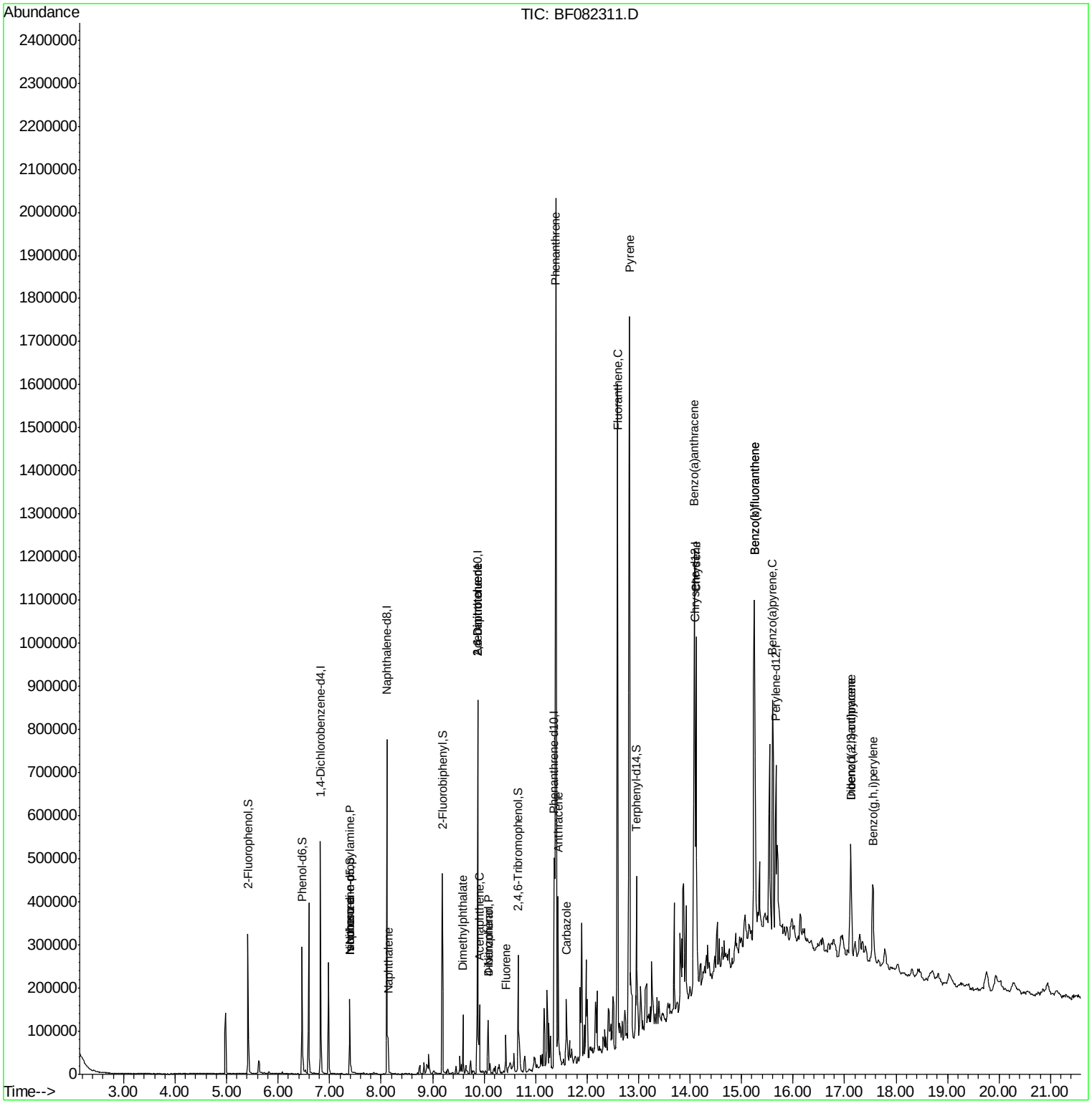
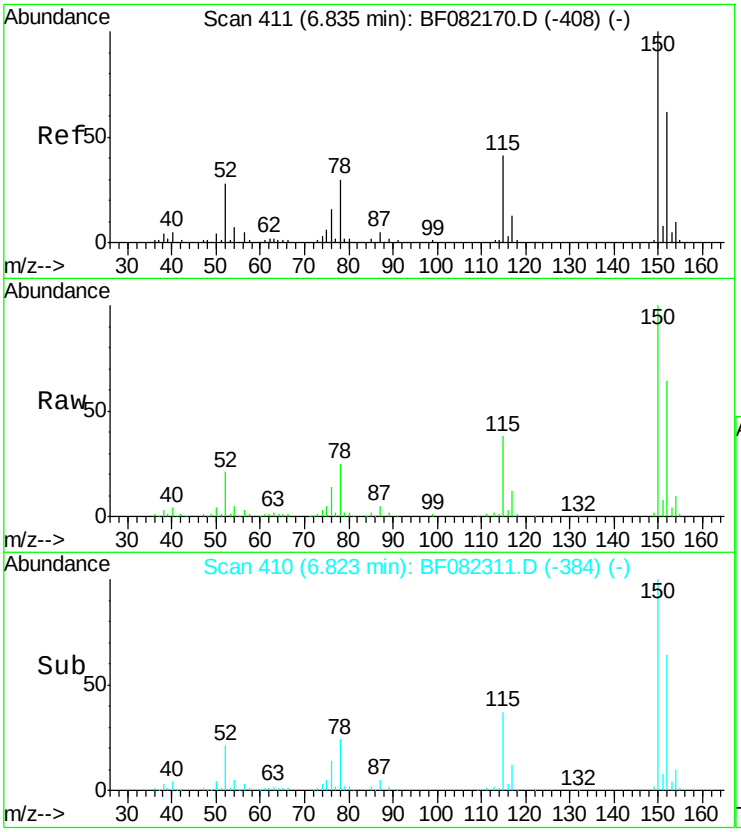


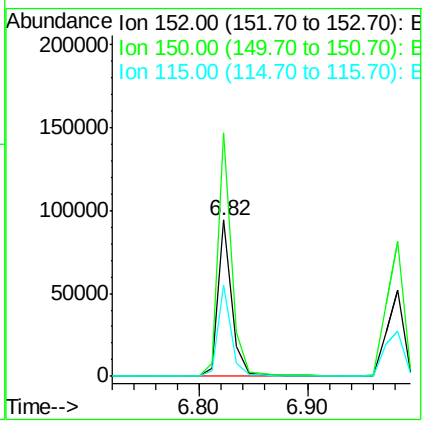


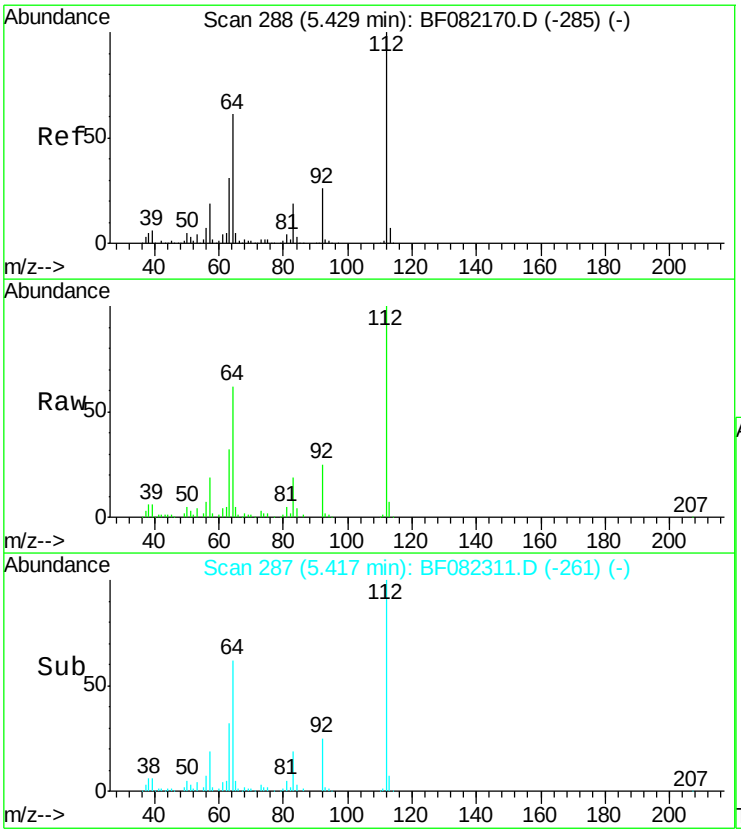
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:152 Resp: 83718

Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.0	193.4
115	58.7	52.1	78.1

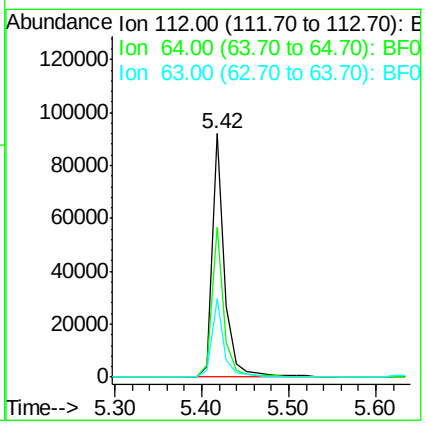


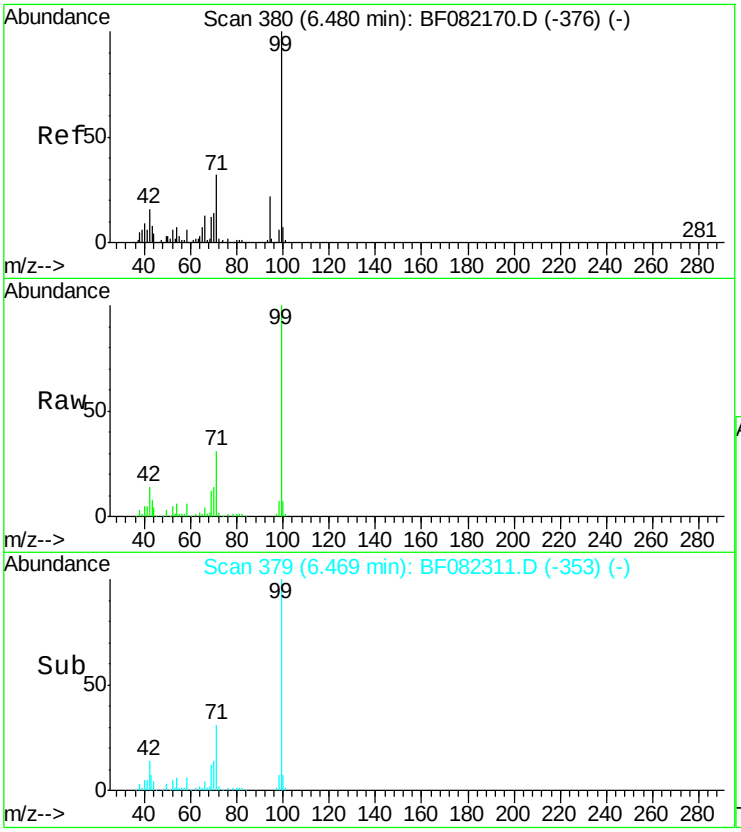


#5
2-Fluorophenol
Concen: 22.50 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:112 Resp: 93314

Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.6	73.0
63	32.5	25.1	37.7



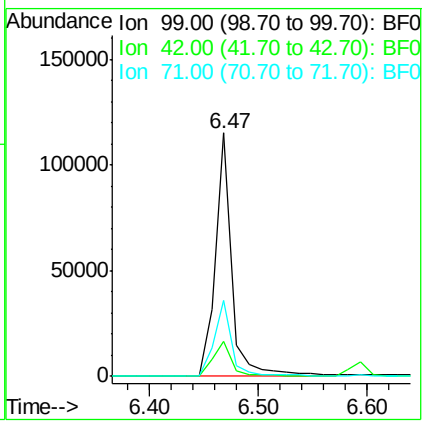


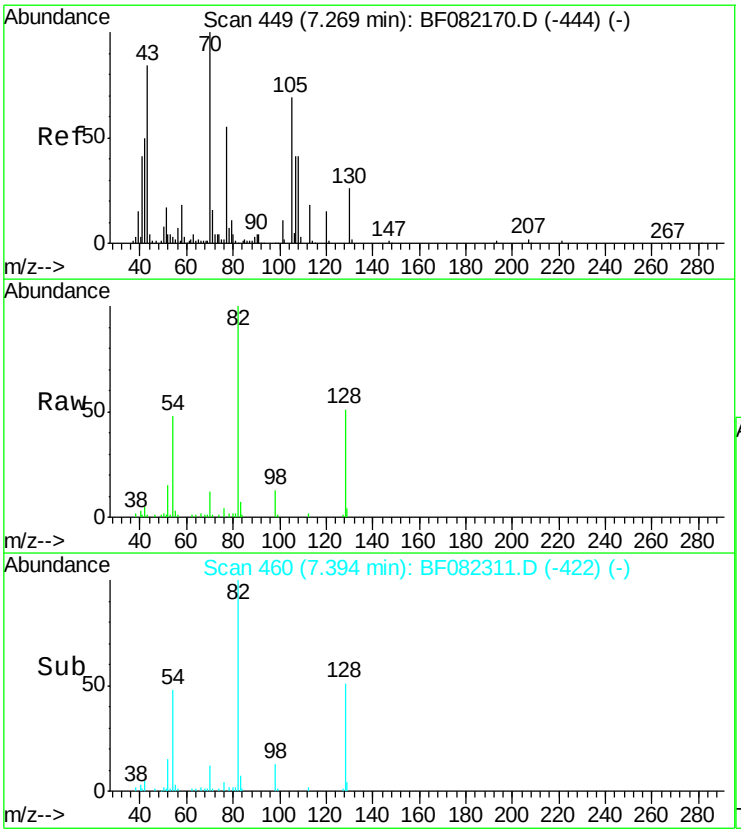
#7
Phenol-d6
Concen: 22.88 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion: 99 Resp: 123505

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.2	19.8
71	31.3	25.6	38.4

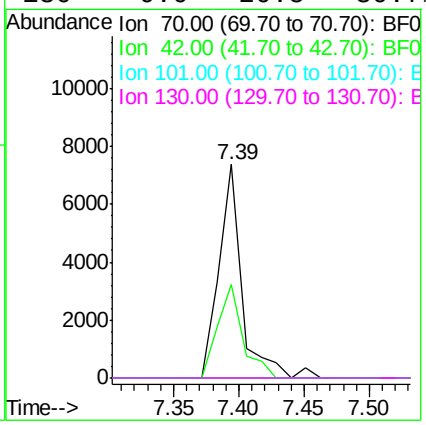


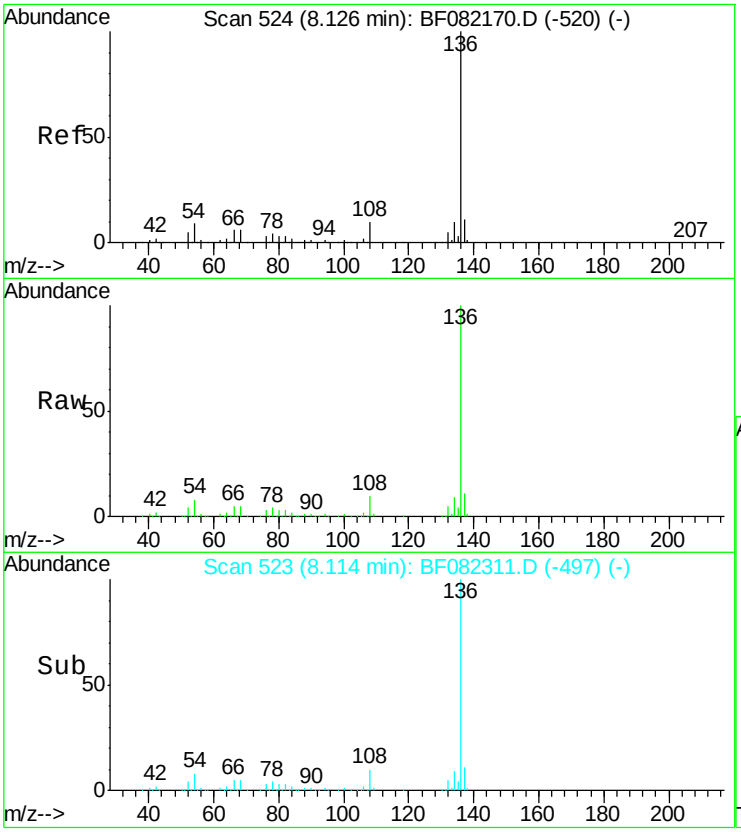


#19
n-Nitroso-di-n-propylamine
Concen: 2.40 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion: 70 Resp: 9101

Ion	Ratio	Lower	Upper
70	100		
42	43.8	39.8	59.8
101	0.0	8.6	13.0#
130	0.0	20.5	30.7#



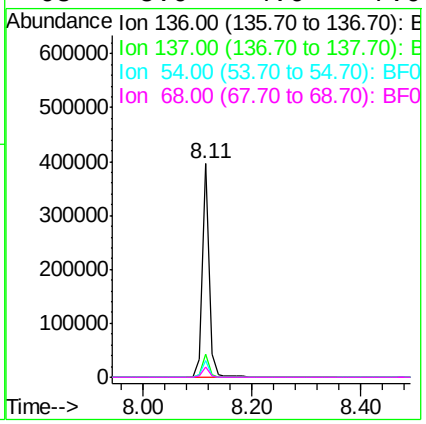


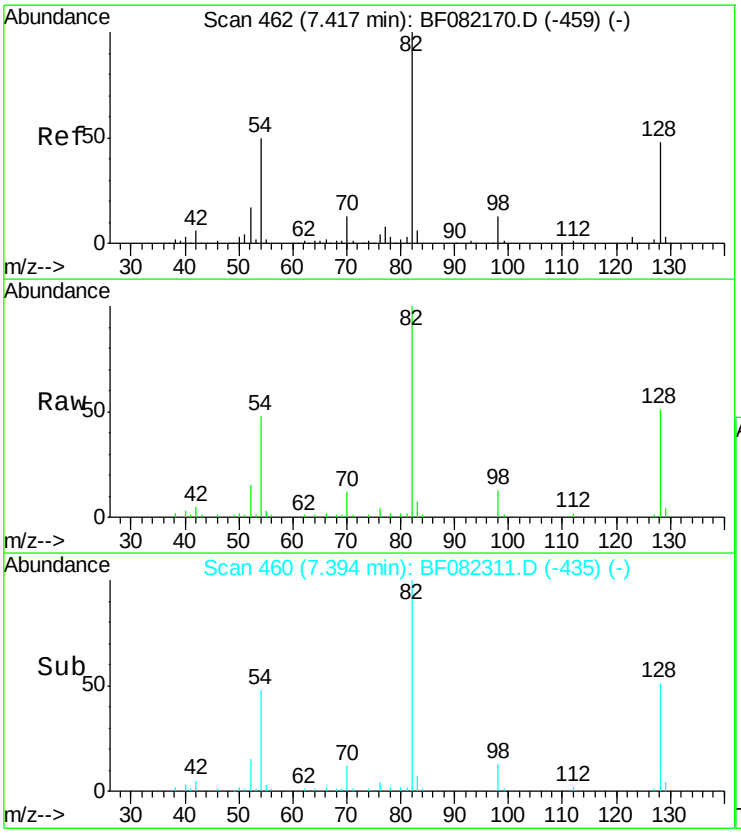
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:136 Resp: 340682

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.9	7.5	11.3
68	5.0	4.6	7.0

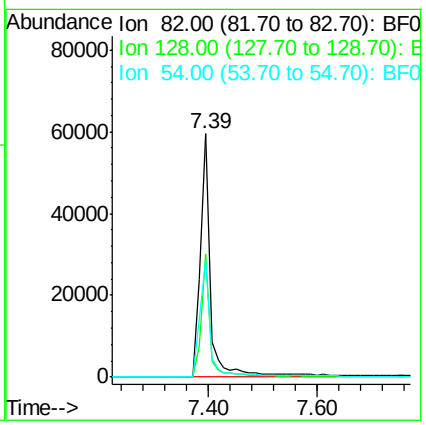


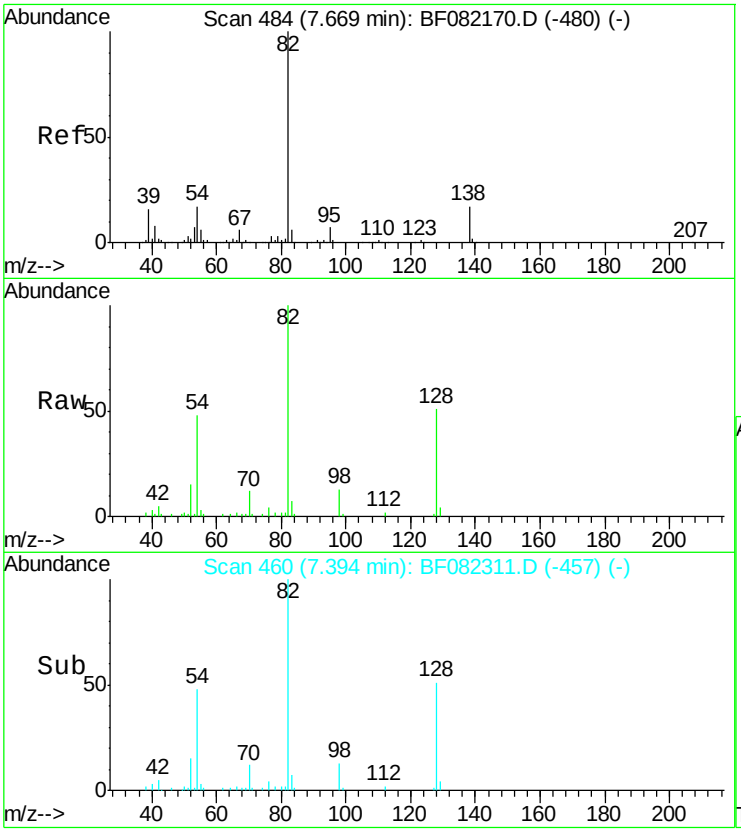


#23
Nitrobenzene-d5
Concen: 15.40 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion: 82 Resp: 78101

Ion	Ratio	Lower	Upper
82	100		
128	50.8	38.7	58.1
54	48.1	40.1	60.1



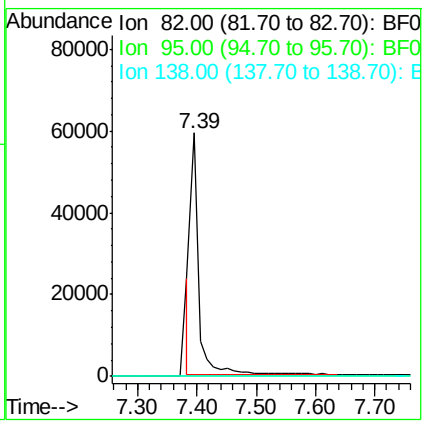


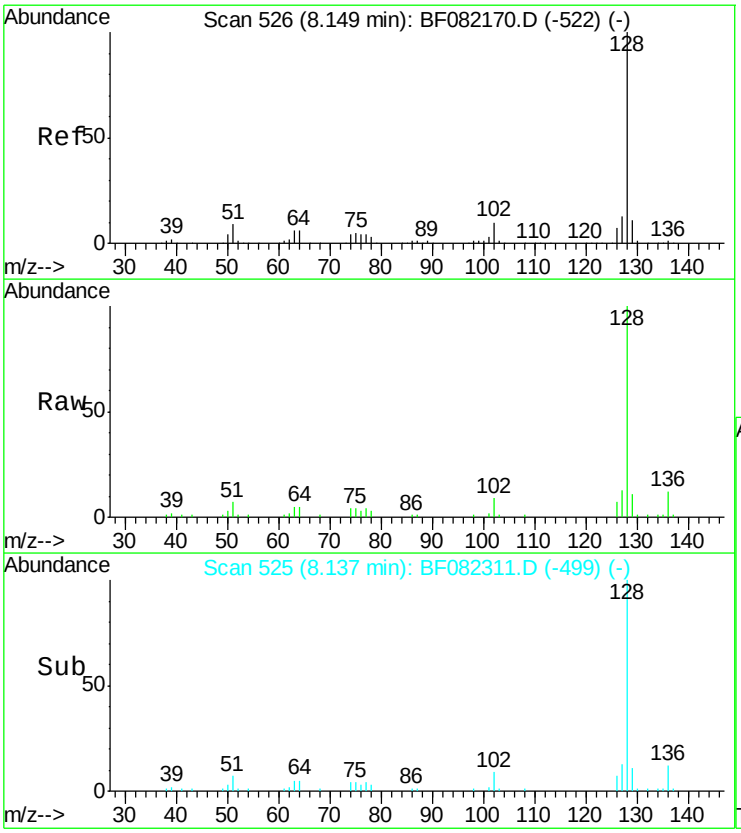
#25
Isophorone
Concen: 5.48 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion: 82 Resp: 56135

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

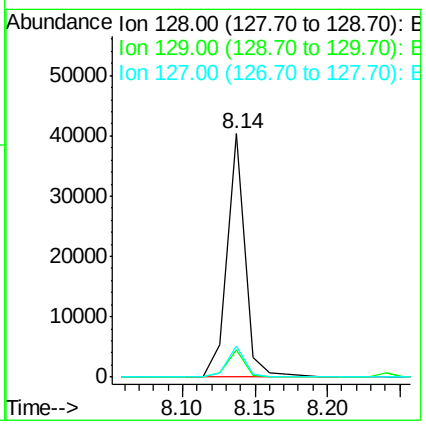


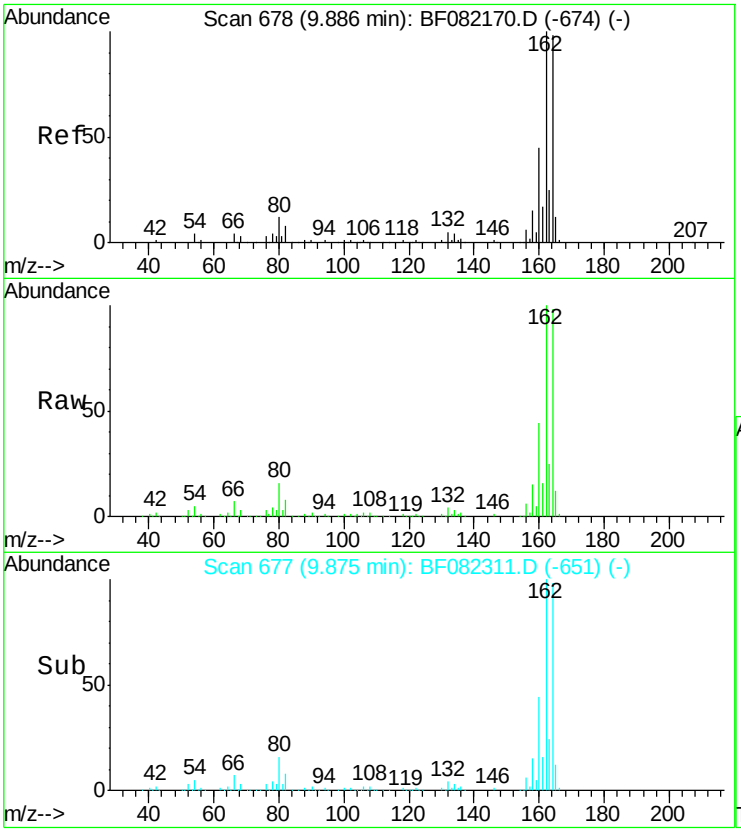


#31
Naphthalene
Concen: 2.34 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:128 Resp: 34557

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.8	10.7	16.1



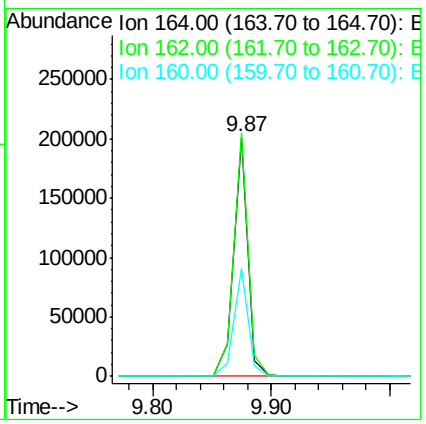


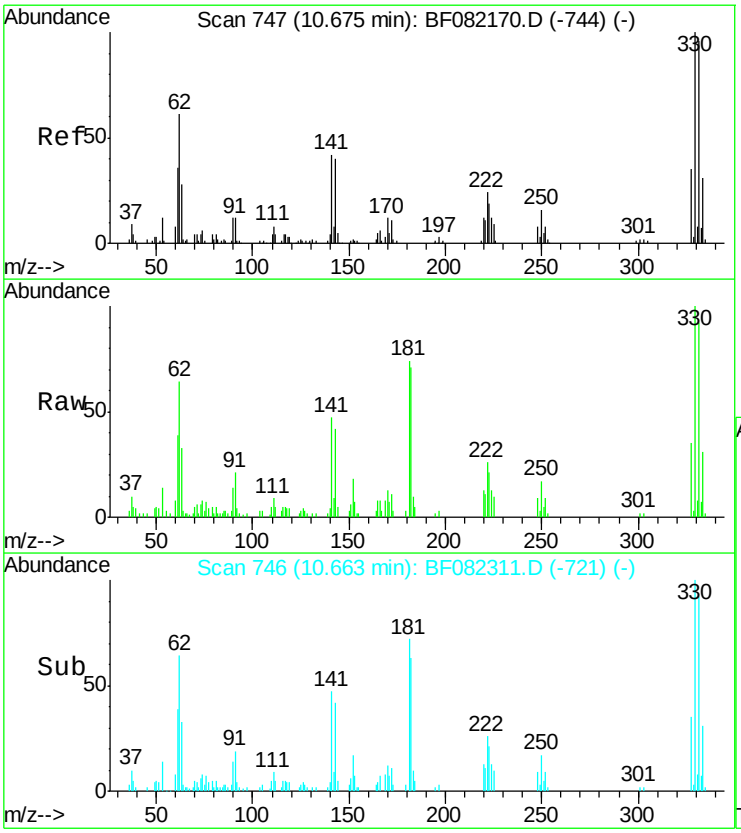
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:164 Resp: 167637

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	45.1	36.4	54.6

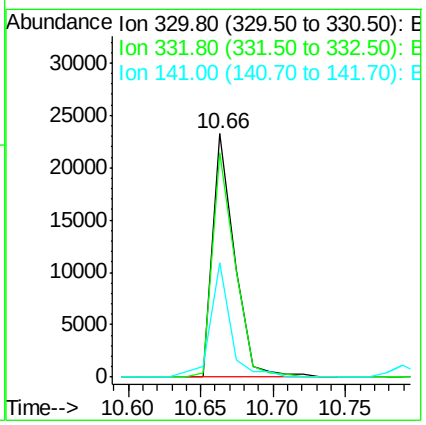


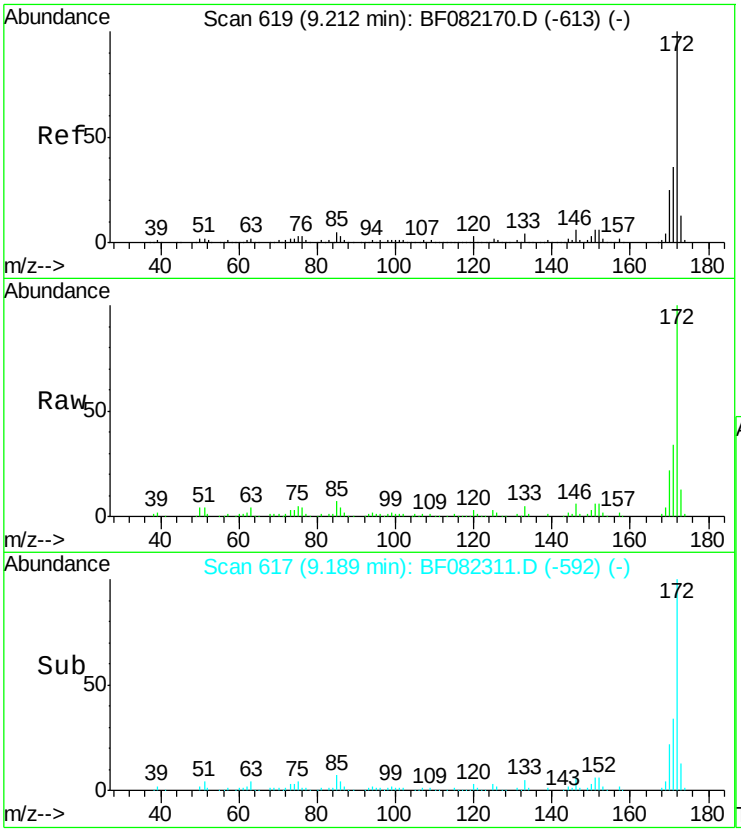


#41
2,4,6-Tribromophenol
Concen: 15.55 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:330 Resp: 24448

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	42.4	29.8	44.8



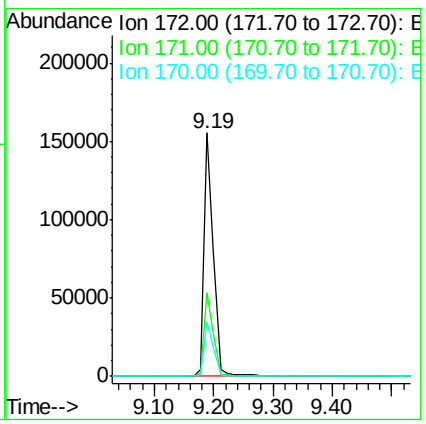


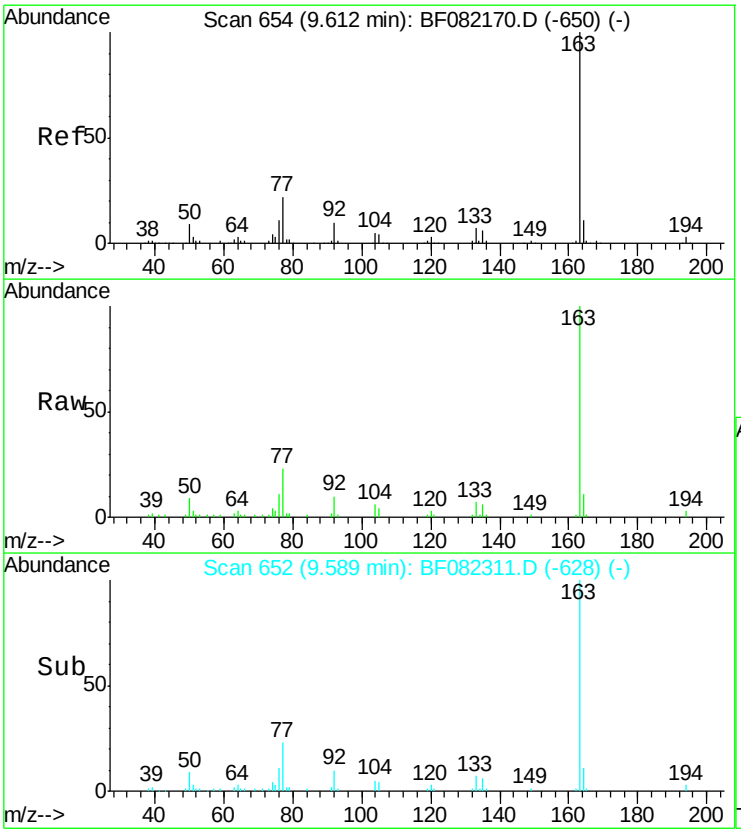
#44
2-Fluorobiphenyl
Concen: 17.21 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:172 Resp: 173970

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.5	19.7	29.5

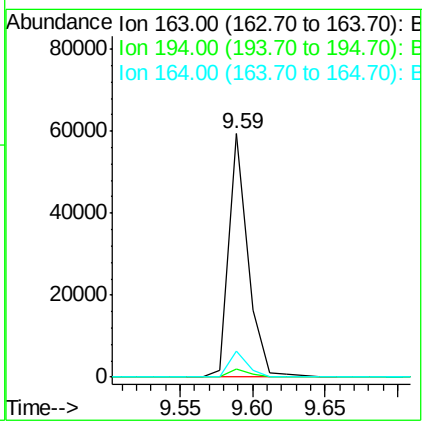


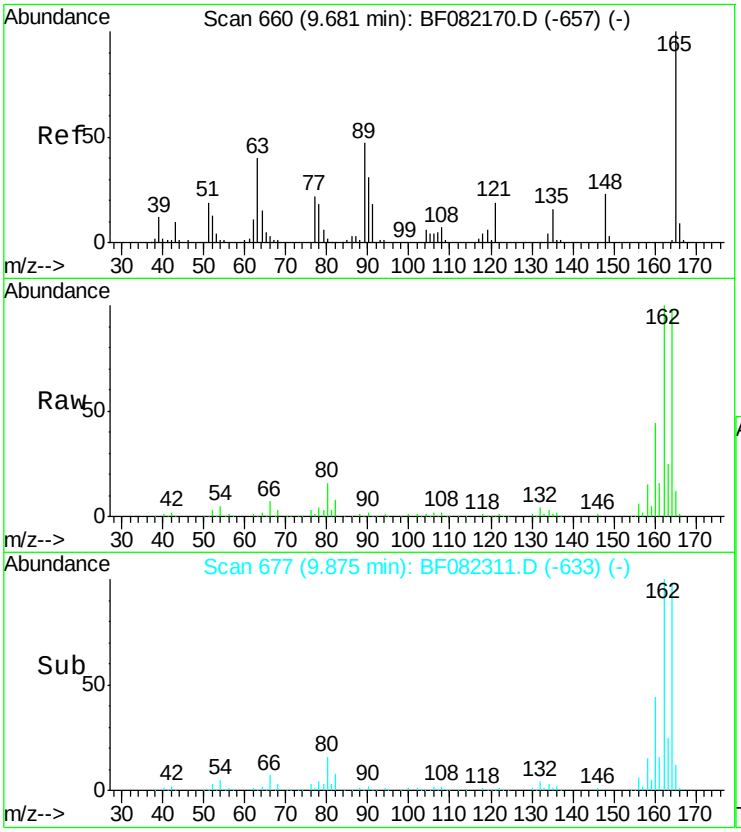


#49
Dimethylphthalate
Concen: 4.63 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:163 Resp: 54600

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.7	8.5	12.7



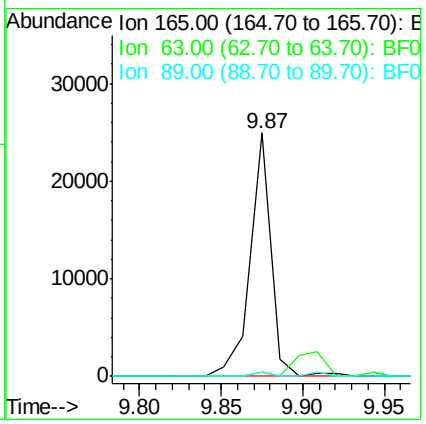


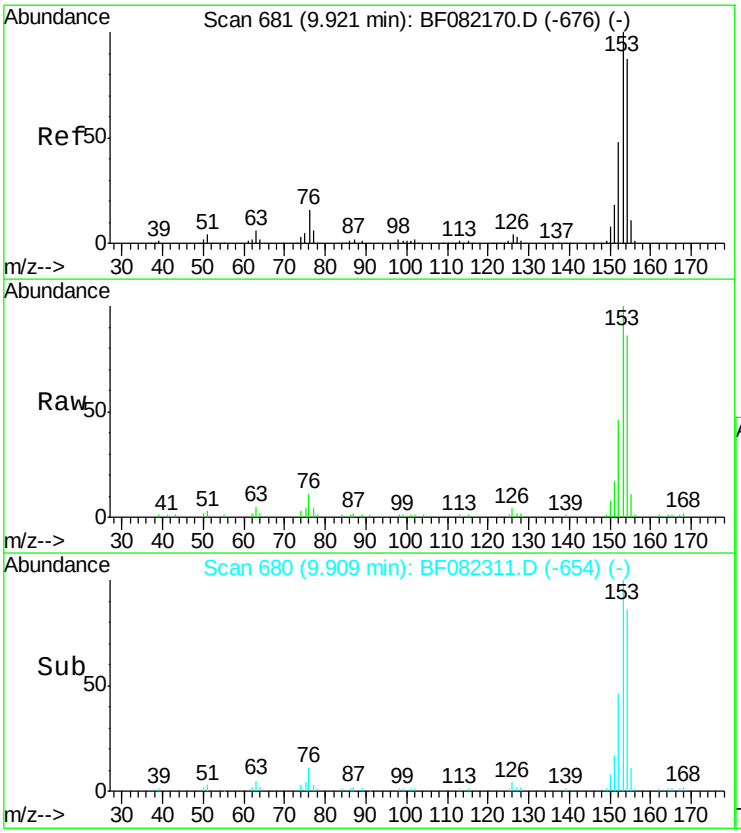
#50
2,6-Dinitrotoluene
Concen: 8.92 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:165 Resp: 22227

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.8	37.8	56.6#

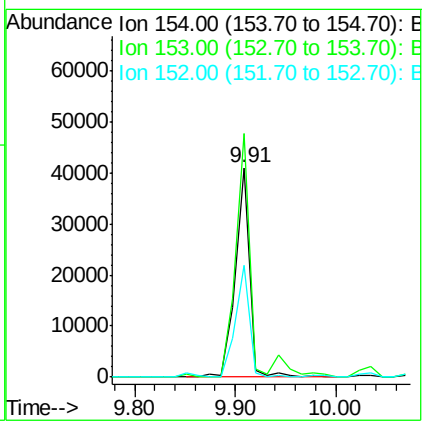


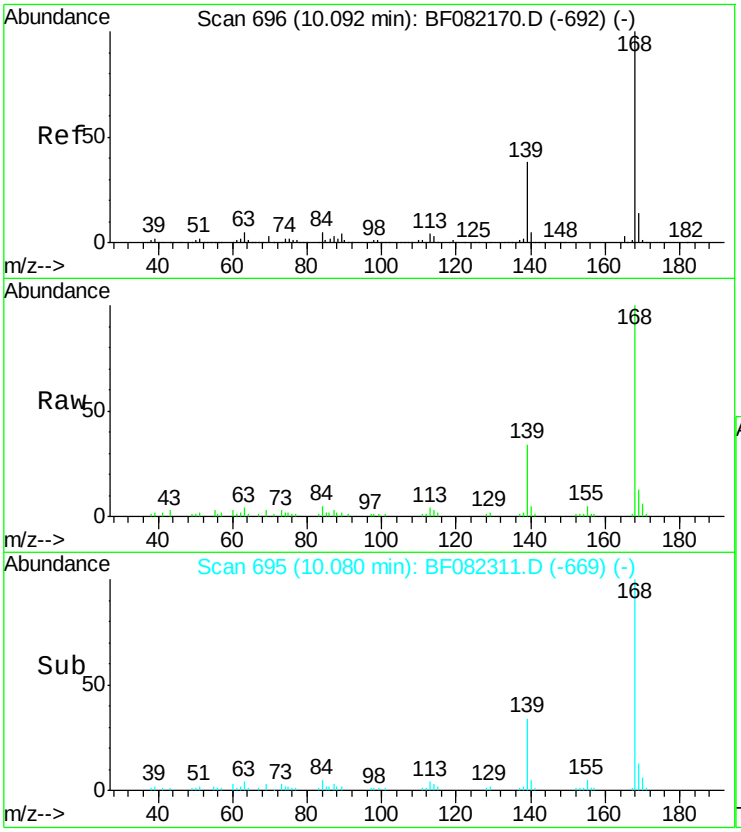


#51
Acenaphthene
Concen: 4.30 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:154 Resp: 40430

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.4	137.2
152	53.2	44.3	66.5



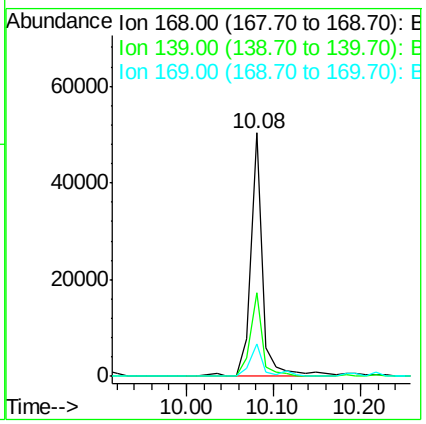


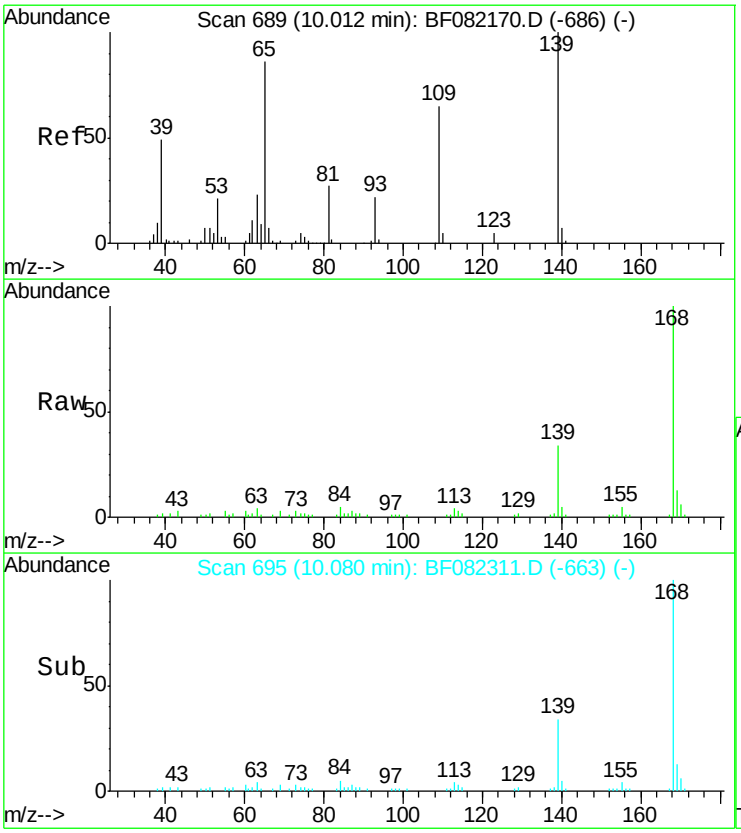
#54
Dibenzofuran
Concen: 3.82 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:168 Resp: 49301

Ion	Ratio	Lower	Upper
168	100		
139	34.5	31.0	46.6
169	13.4	10.9	16.3

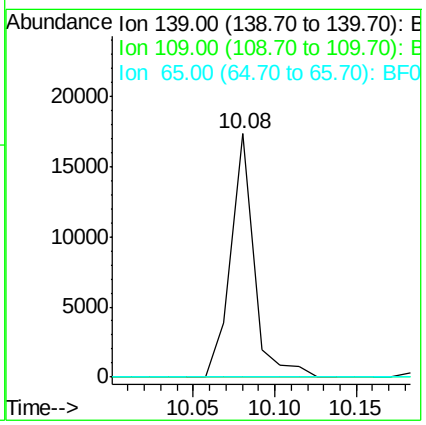


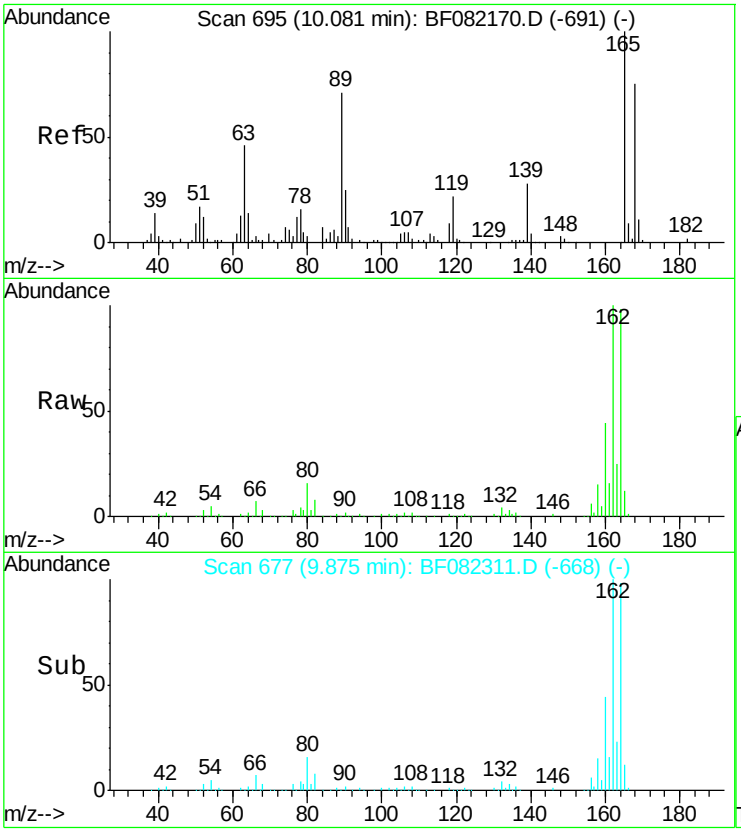


#55
4-Nitrophenol
Concen: 12.26 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.07 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:139 Resp: 16946

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



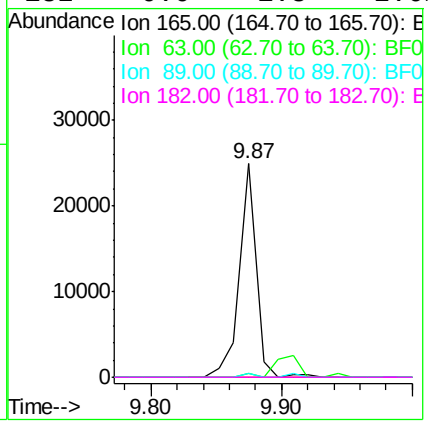


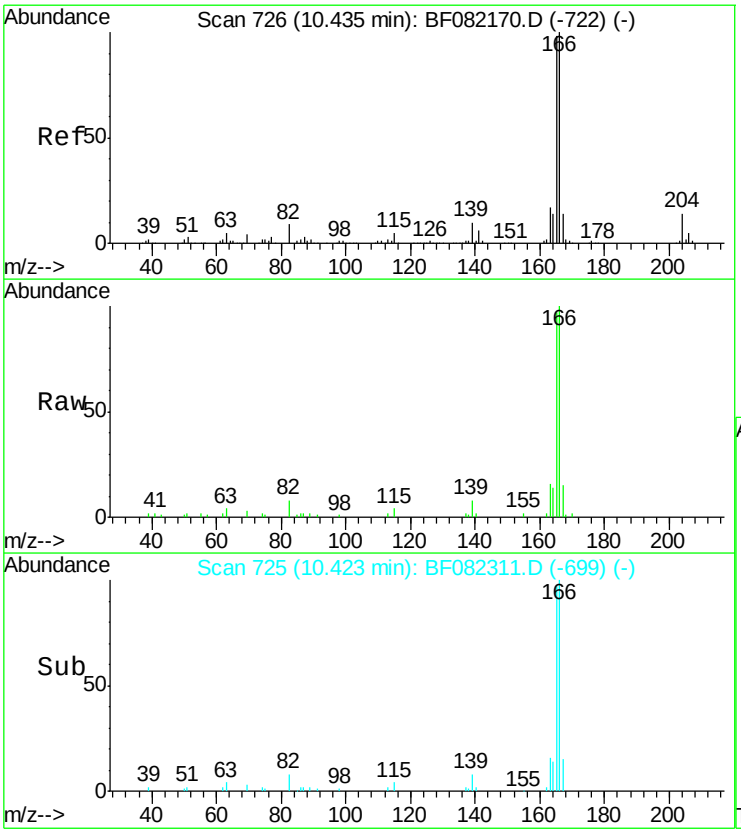
#56
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:165 Resp: 22228

Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.6	58.0#
89	1.8	57.0	85.6#
182	0.0	1.8	2.6#

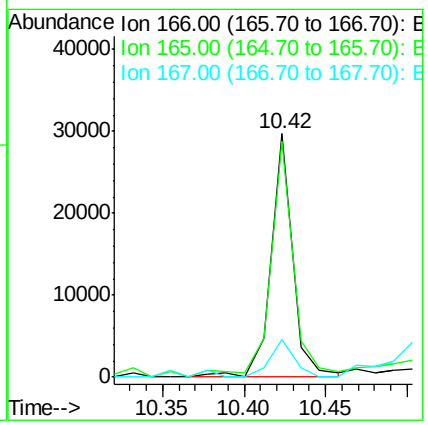


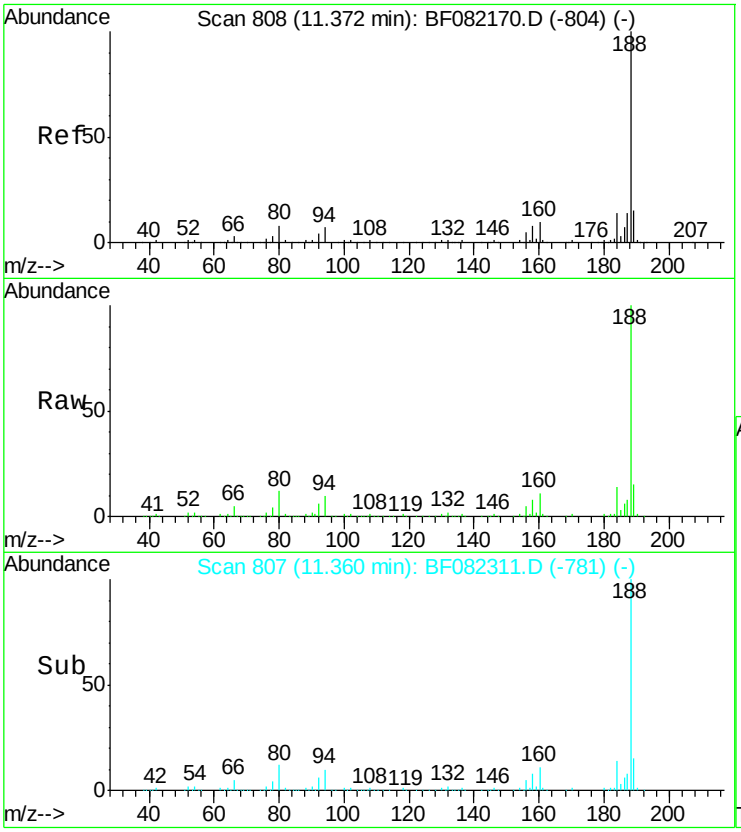


#57
Fluorene
Concen: 2.61 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:166 Resp: 27665

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.3	117.5
167	15.5	10.8	16.2



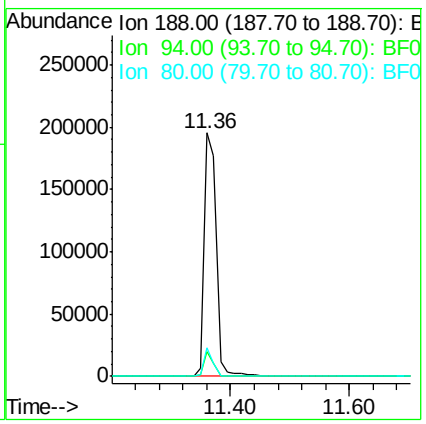


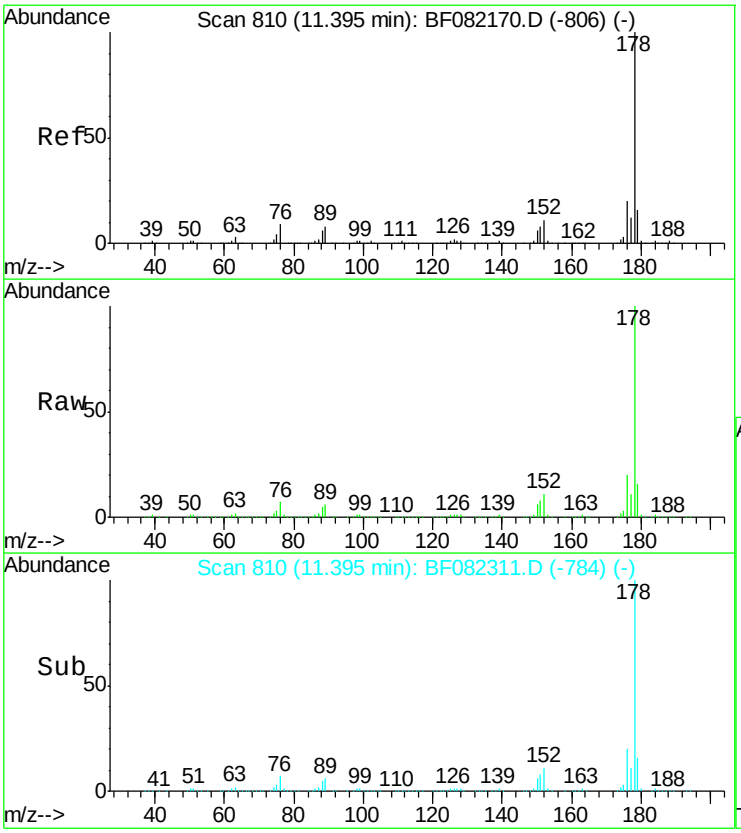
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:188 Resp: 277677

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.8	8.6#
80	11.6	6.4	9.6#

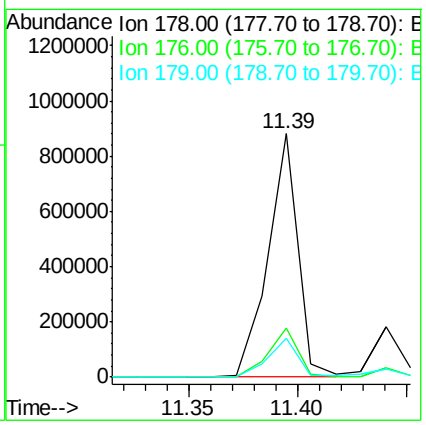


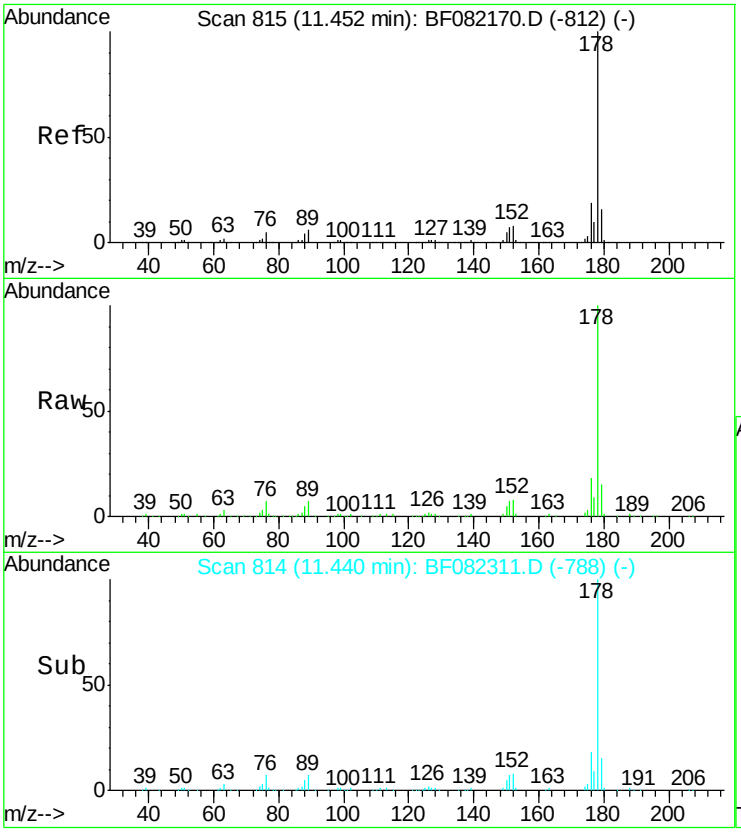


#70
Phenanthrene
Concen: 62.57 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:178 Resp: 851571

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.9	12.6	19.0



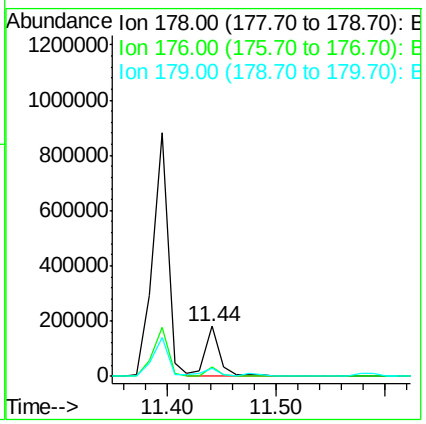


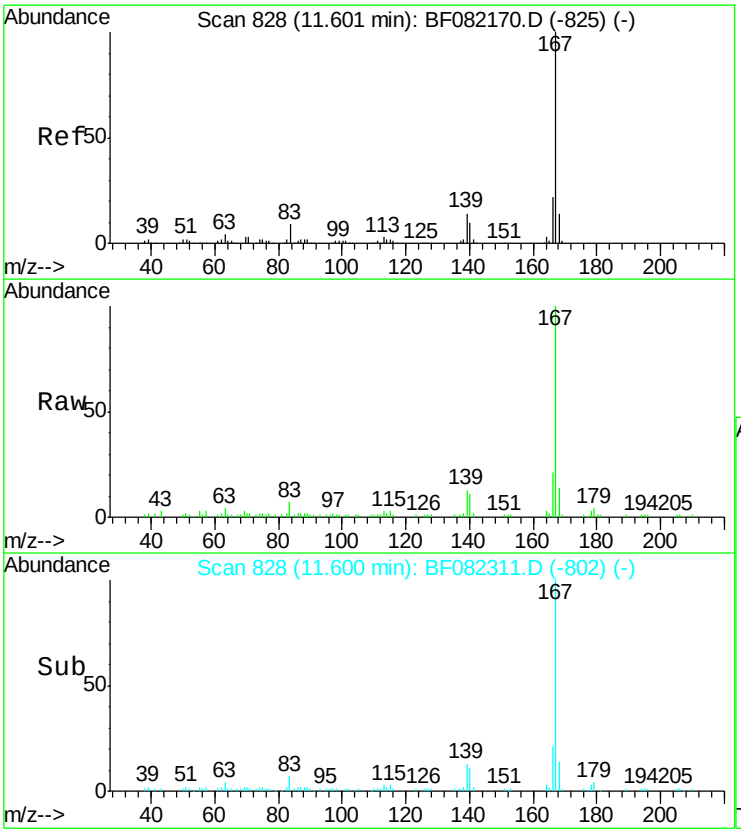
#71
Anthracene
Concen: 12.62 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:178 Resp: 177003

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	15.4	12.5	18.7

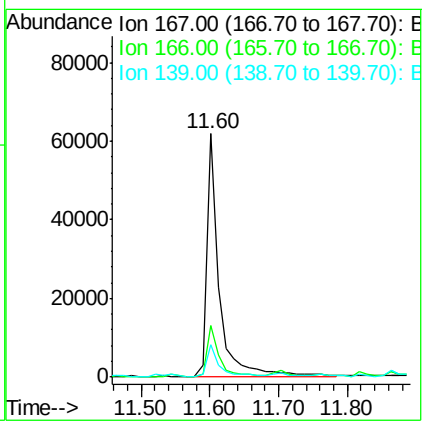


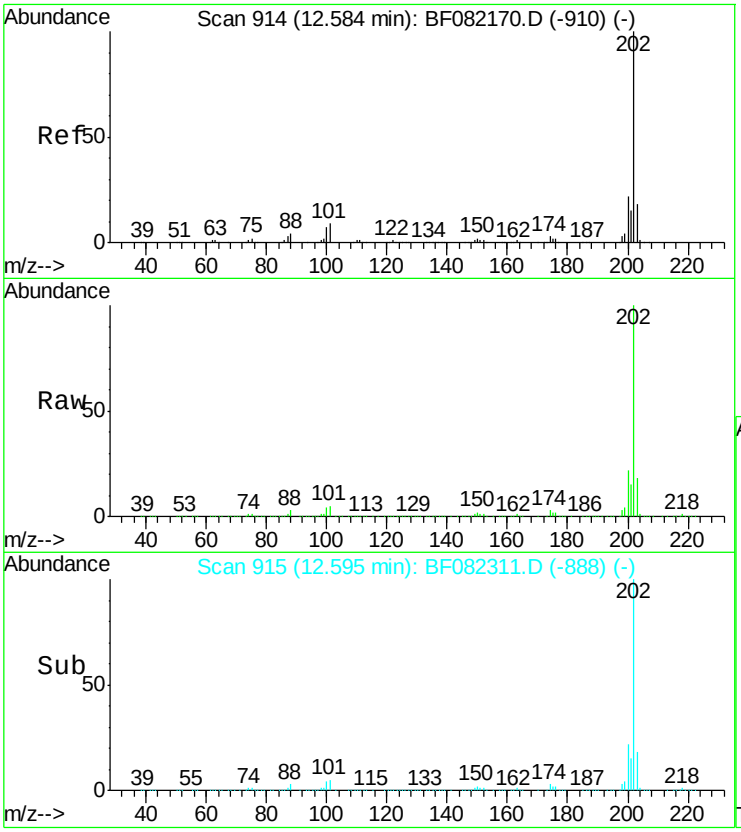


#72
Carbazole
Concen: 6.21 ng
RT: 11.60 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:167 Resp: 79486

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	13.1	11.2	16.8



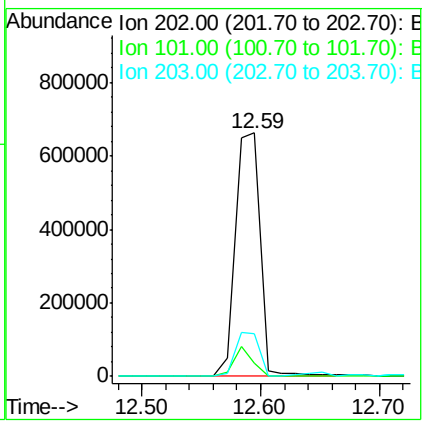


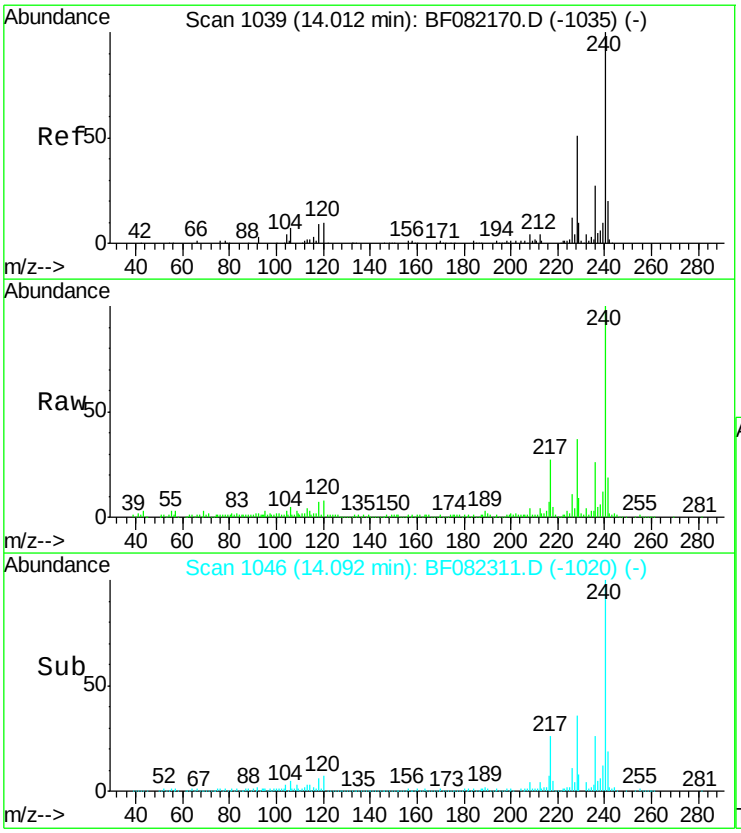
#74
Fluoranthene
Concen: 65.65 ng
RT: 12.59 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:202 Resp: 959641

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	29.3
203	17.7	0.0	37.8

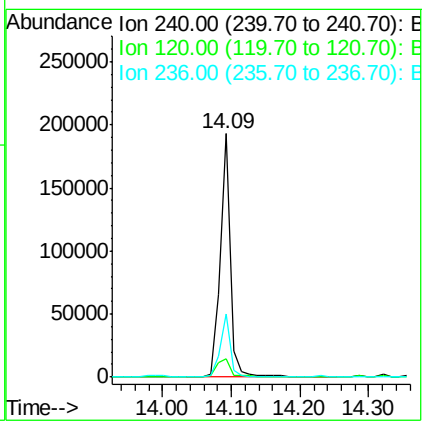


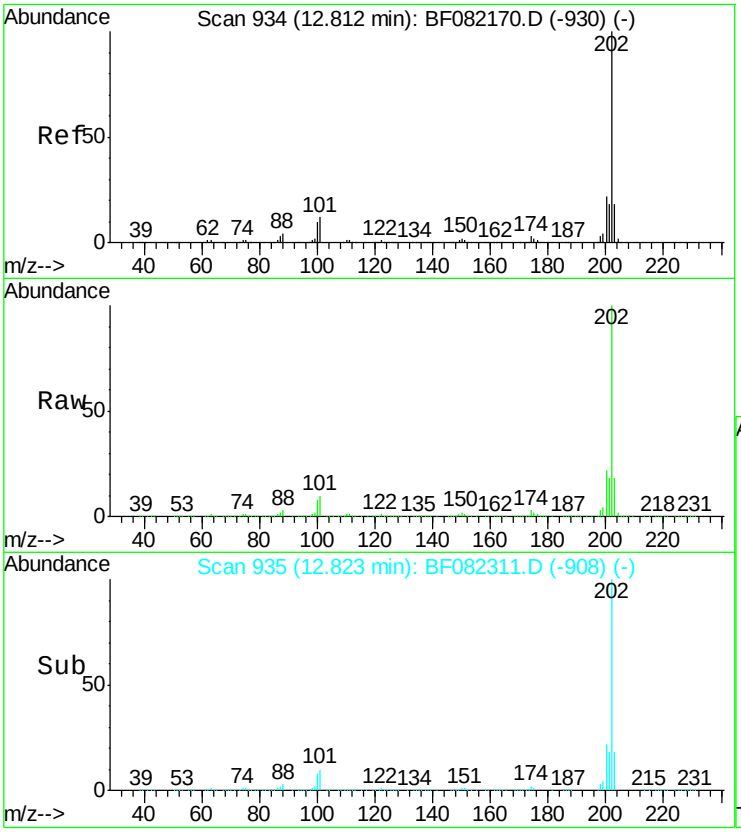


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:240 Resp: 204193

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	25.8	21.3	31.9



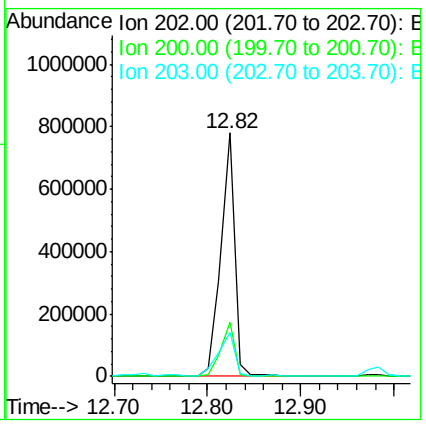


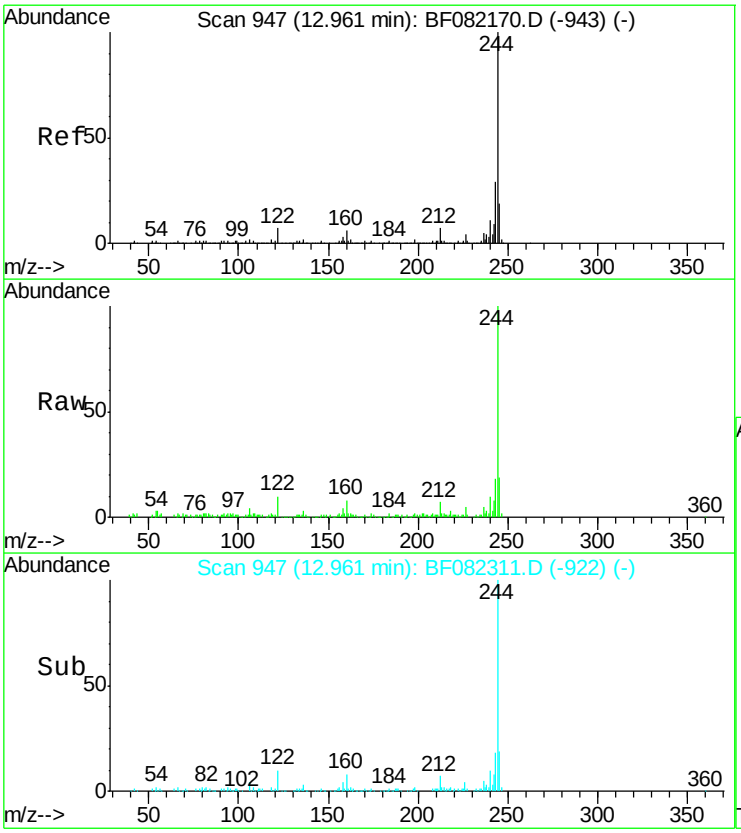
#77
Pyrene
Concen: 65.74 ng
RT: 12.82 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument : BNA_F
ClientSampleId : KW-2

Tgt Ion:202 Resp: 796624

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	17.9	14.5	21.7

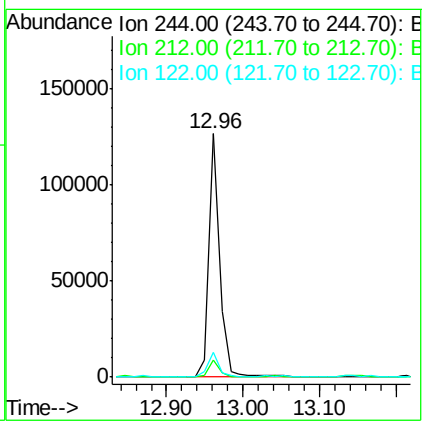


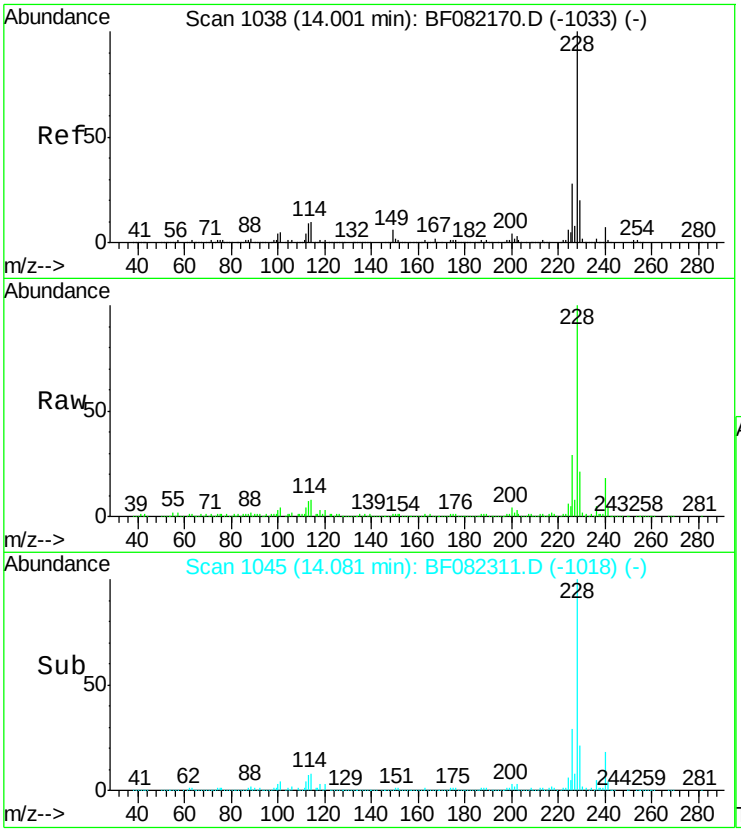


#78
Terphenyl-d14
Concen: 15.99 ng
RT: 12.96 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:244 Resp: 123200

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.4	5.9	8.9#



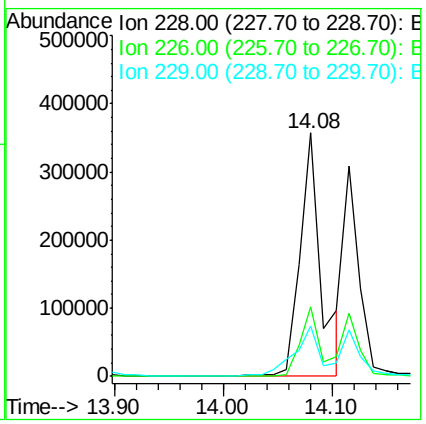


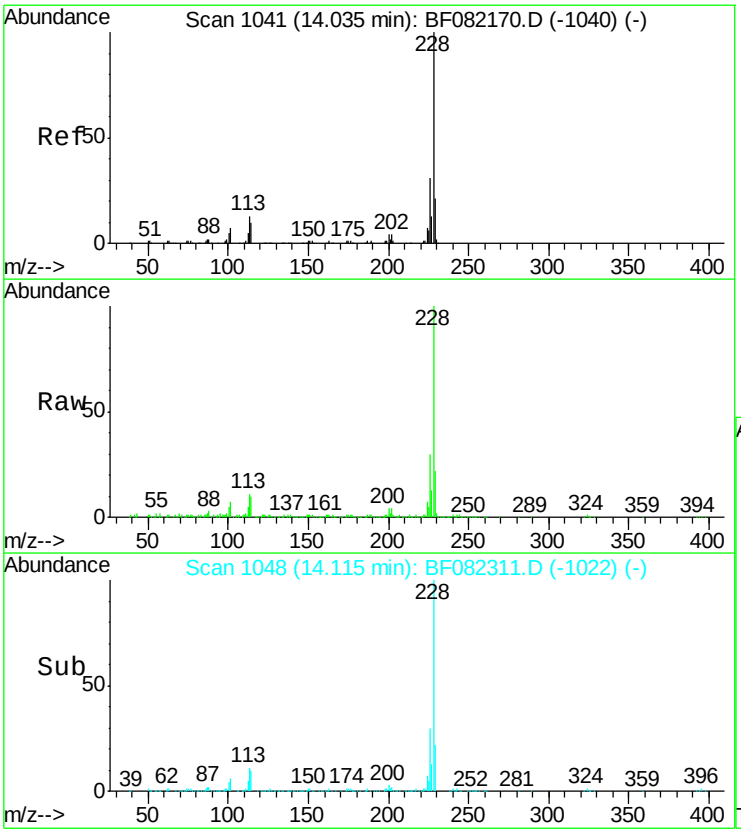
#80
Benzo(a)anthracene
Concen: 45.42 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:228 Resp: 482602

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.9	16.2	24.2

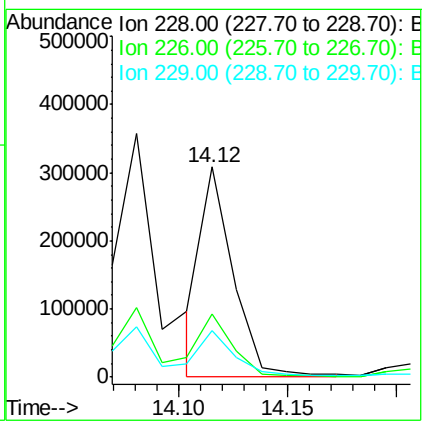


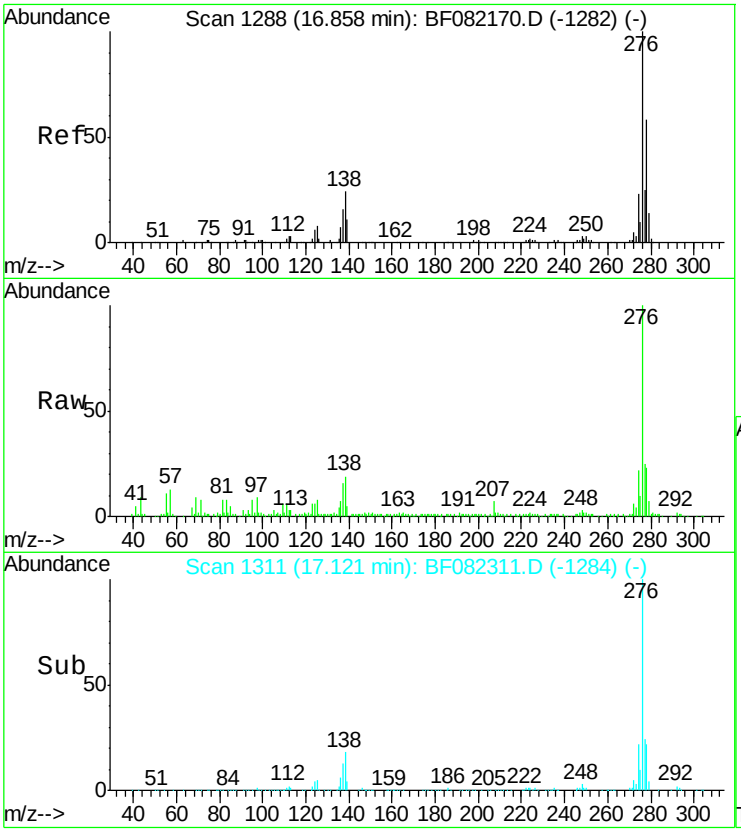


#82
Chrysene
Concen: 28.03 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:228 Resp: 313839

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.5	16.3	24.5



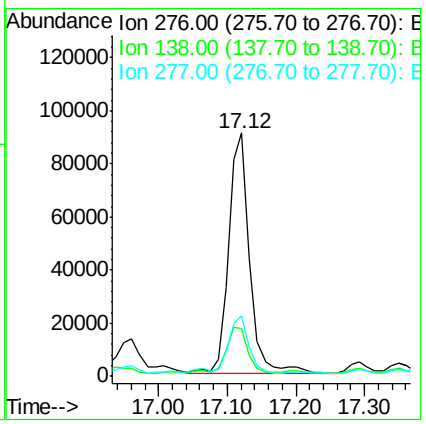


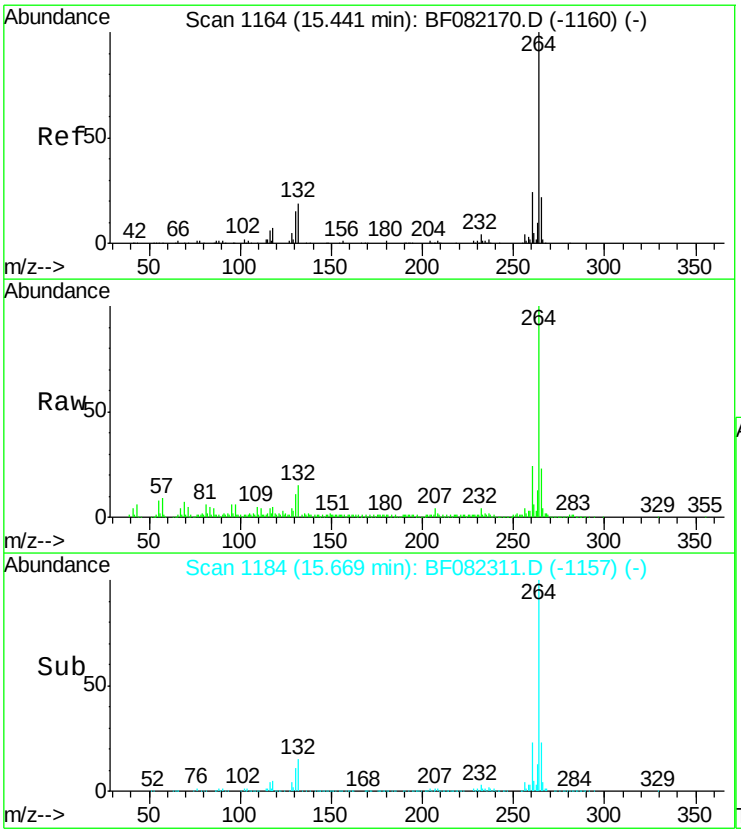
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.86 ng
RT: 17.12 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:276 Resp: 194532

Ion	Ratio	Lower	Upper
276	100		
138	19.3	19.7	29.5#
277	24.6	20.1	30.1

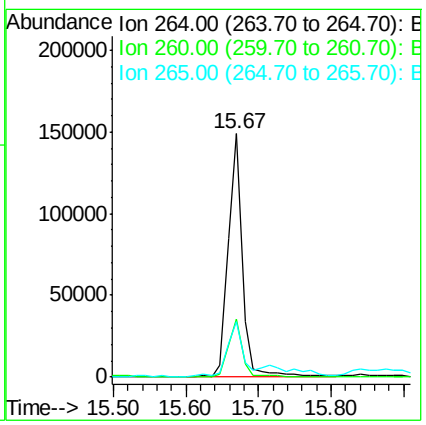


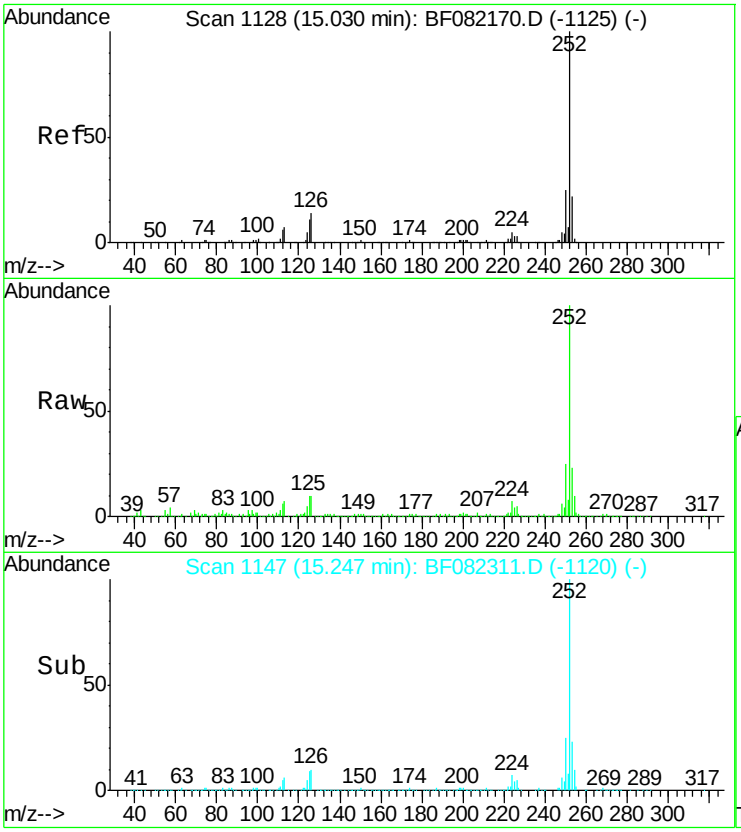


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:264 Resp: 201042

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	23.0	17.3	25.9



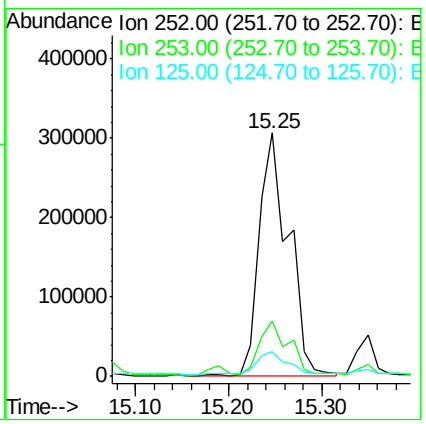


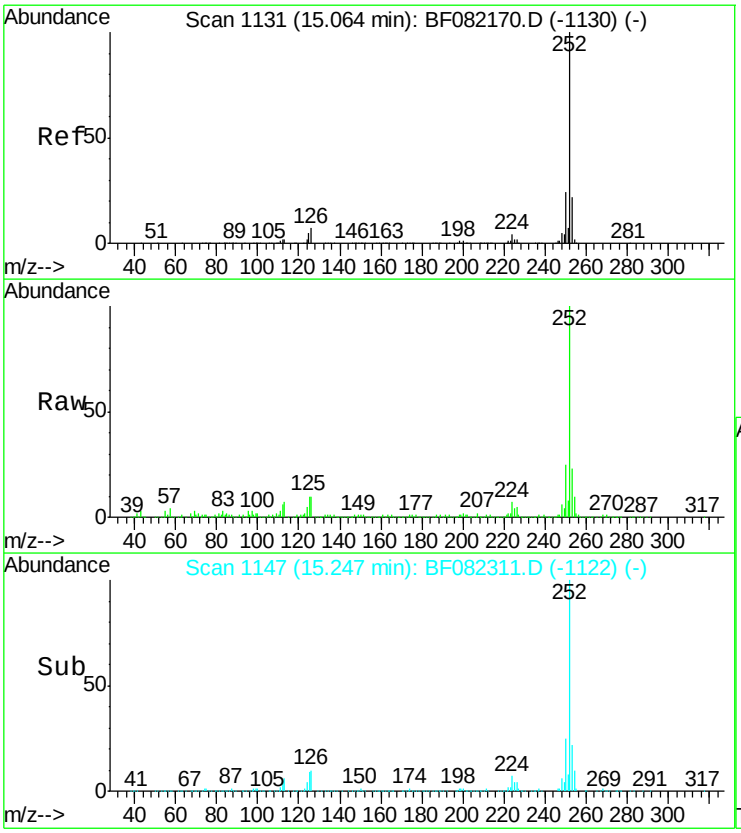
#87
Benzo(b)fluoranthene
Concen: 54.55 ng
RT: 15.25 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:252 Resp: 667176

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.3	8.6	12.8

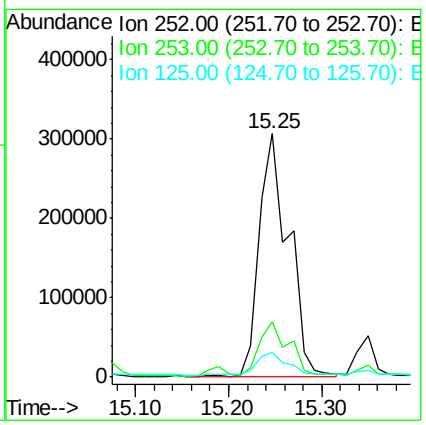


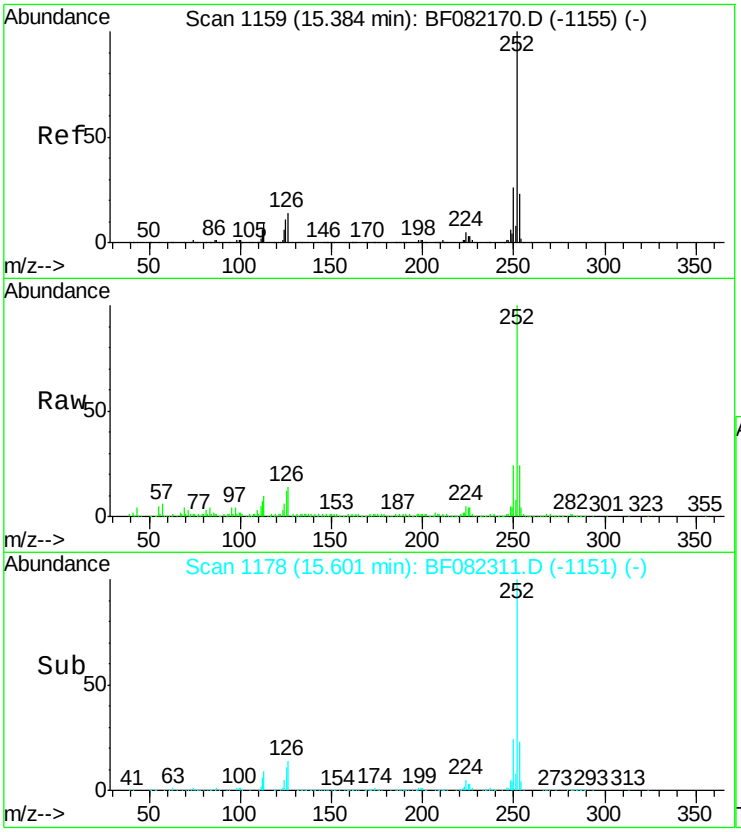


#88
Benzo(k)fluoranthene
Concen: 64.90 ng
RT: 15.25 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:252 Resp: 667176

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.3	6.7	10.1#



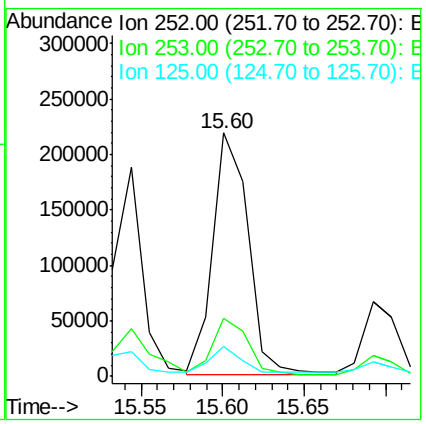


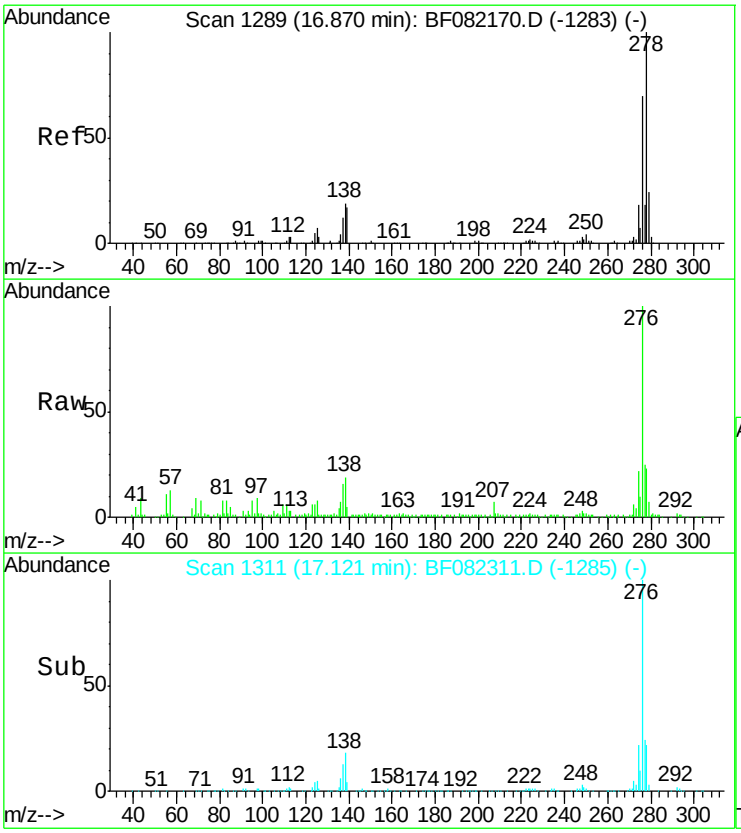
#89
Benzo(a)pyrene
Concen: 31.50 ng
RT: 15.60 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:252 Resp: 331115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.1	8.9	13.3

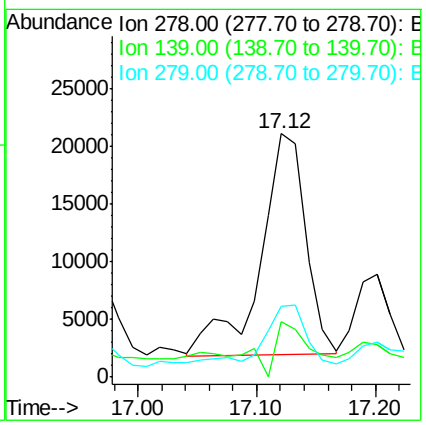


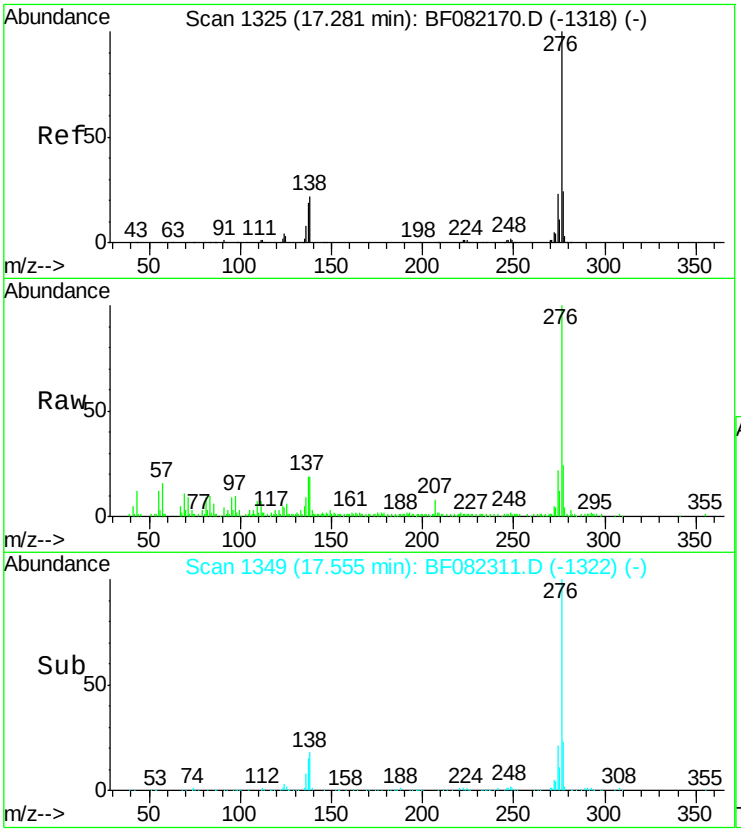


#90
Dibenzo(a,h)anthracene
Concen: 5.95 ng
RT: 17.12 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Tgt Ion:278 Resp: 51252

Ion	Ratio	Lower	Upper
278	100		
139	22.8	13.3	19.9#
279	29.1	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 19.20 ng
RT: 17.56 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF082311.D
Acq: 15 Oct 2015 16:08

Instrument :
BNA_F
ClientSampleId :
KW-2

Tgt Ion:276 Resp: 160660

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	18.8	17.4	26.2