Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080621.D
Acq On : 24 Jul 2015 5:52
Operator : TP/UM
Sample : G3057-03 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-B

Quant Time: Jul 24 06:40:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	38904	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	160556	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	74981	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	137990	20.00	ng		0.00
75) Chrysene-d12	14.24	240	169128	20.00	ng		0.06
86) Perylene-d12	15.87	264	186621	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	29847	13.25	ng		0.01
7) Phenol-d6	6.56	99	71211	25.86	ng		0.00
23) Nitrobenzene-d5	7.50	82	43082	15.20	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	1757	2.96	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	79103	15.31	ng		0.00
78) Terphenyl-d14	13.09	244	84373	10.44	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	6285	3.37	ng	#	76
25) Isophorone	7.50	82	41102	7.83	ng	#	66
31) Naphthalene	8.26	128	22080	2.75	ng		98
51) Acenaphthene	10.03	154	19976	4.55	ng		98
54) Dibenzofuran	10.20	168	20780	3.27	ng		97
55) 4-Nitrophenol	10.20	139	7726	9.53	ng	#	1
56) 2,4-Dinitrotoluene	10.00	165	9998	7.73	ng	#	10
57) Fluorene	10.54	166	23984	4.70	ng		99
68) Atrazine	11.29	200	3090	2.48	ng	#	39
70) Phenanthrene	11.50	178	266235	34.18	ng		99
71) Anthracene	11.56	178	71421	9.79	ng		99
72) Carbazole	11.71	167	28463	4.51	ng		96
74) Fluoranthene	12.71	202	358587	51.45	ng		96
77) Pyrene	12.95	202	289541	25.52	ng		99
79) Butylbenzylphthalate	13.61	149	87468	24.39	ng		99
80) Benzo(a)anthracene	14.23	228	177242	18.58	ng		98
82) Chrysene	14.27	228	143172	15.09	ng		95
83) Bis(2-ethylhexyl)phthalate	14.24	149	21080	3.80	ng	#	97
84) Di-n-octyl phthalate	14.97	149	6281	6.63	ng	#	61
85) Indeno(1,2,3-cd)pyrene	17.22	276	22067	3.07	ng		92
87) Benzo(b)fluoranthene	15.44	252	247398	21.80	ng	#	96
88) Benzo(k)fluoranthene	15.44	252	247398	21.90	ng		99
89) Benzo(a)pyrene	15.75	252	86739	8.61	ng		99
91) Benzo(g,h,i)perylene	17.83	276	79391	8.17	ng	#	91

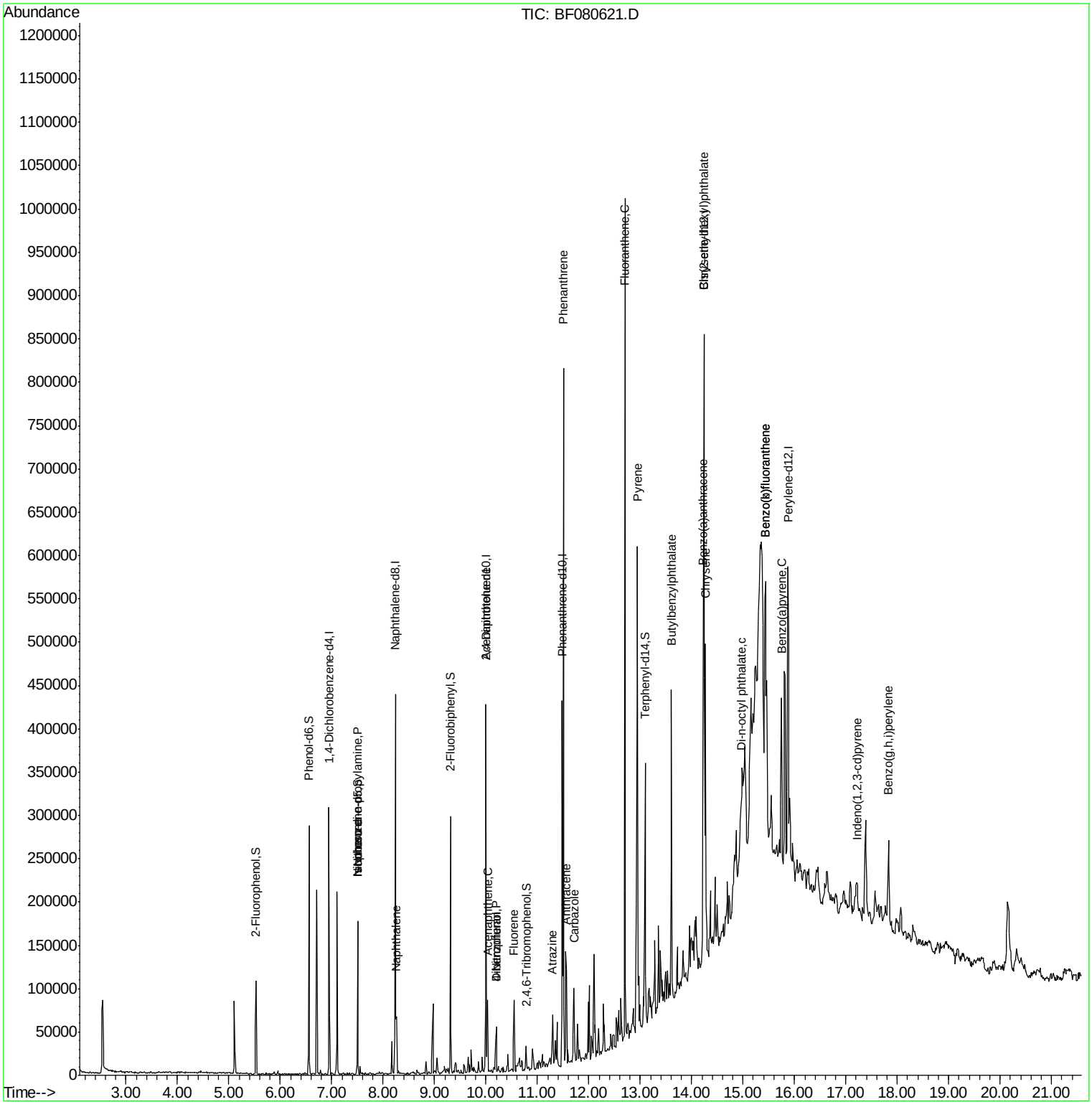
(#) = qualifier out of range (m) = manual integration (+) = signals summed

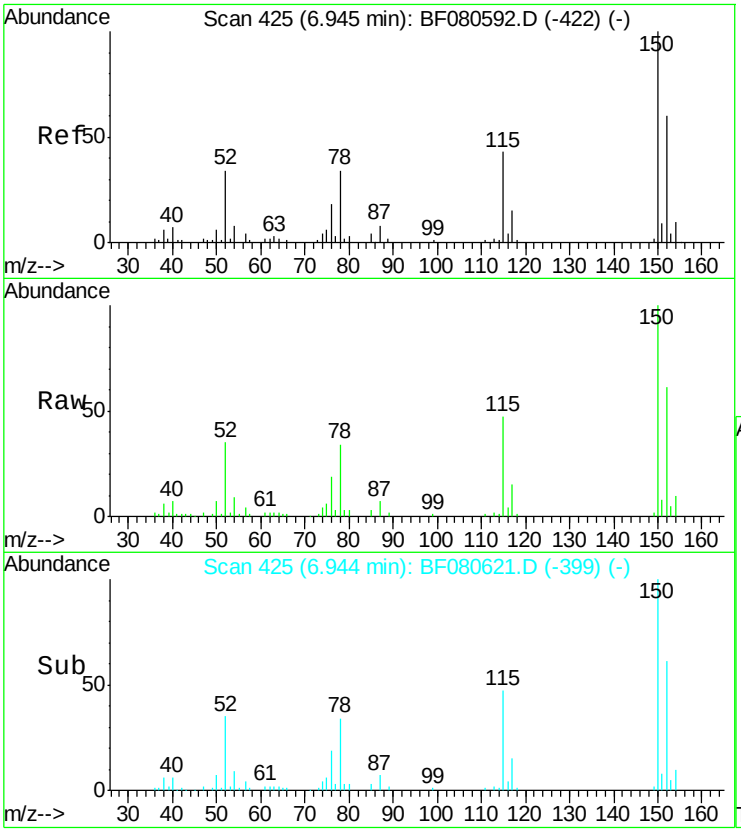
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080621.D
Acq On : 24 Jul 2015 5:52
Operator : TP/UM
Sample : G3057-03 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Quant Time: Jul 24 06:40:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration



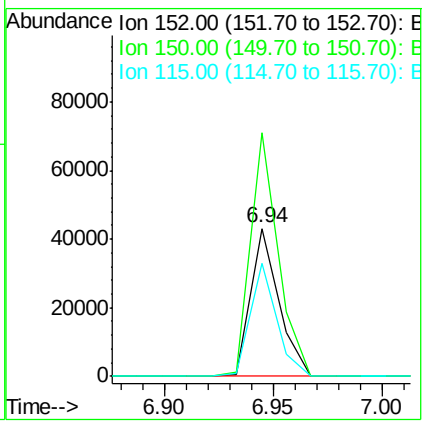


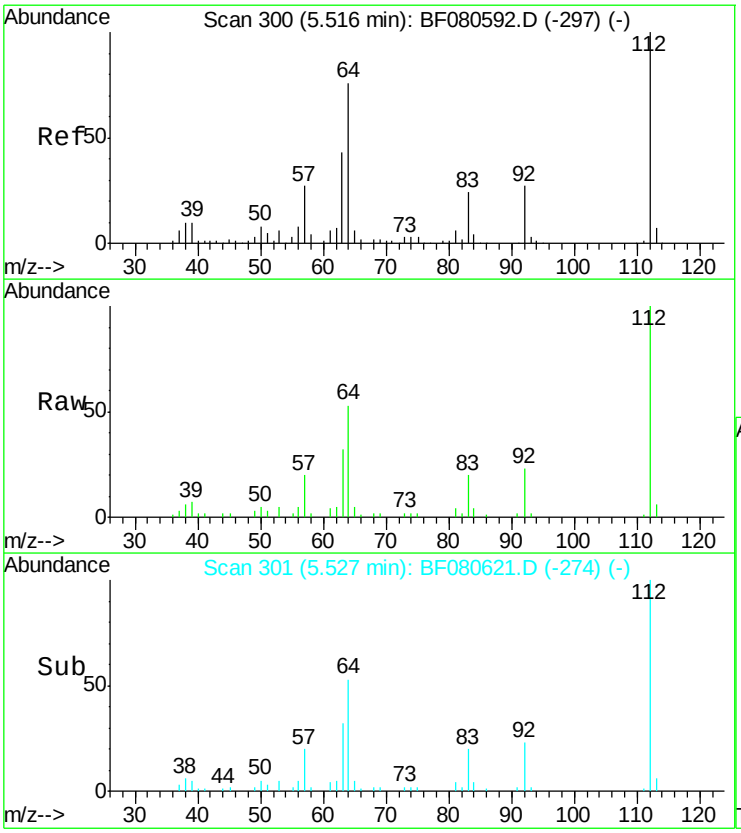
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:152 Resp: 38904

Ion	Ratio	Lower	Upper
152	100		
150	164.4	128.7	193.1
115	76.6	56.8	85.2

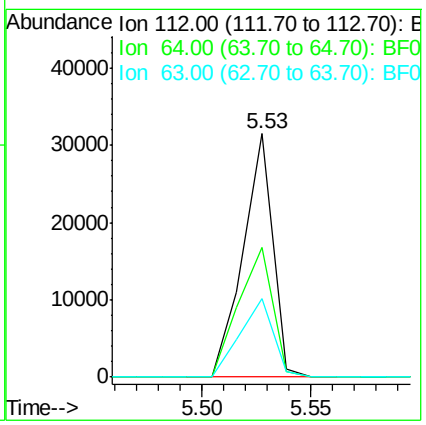


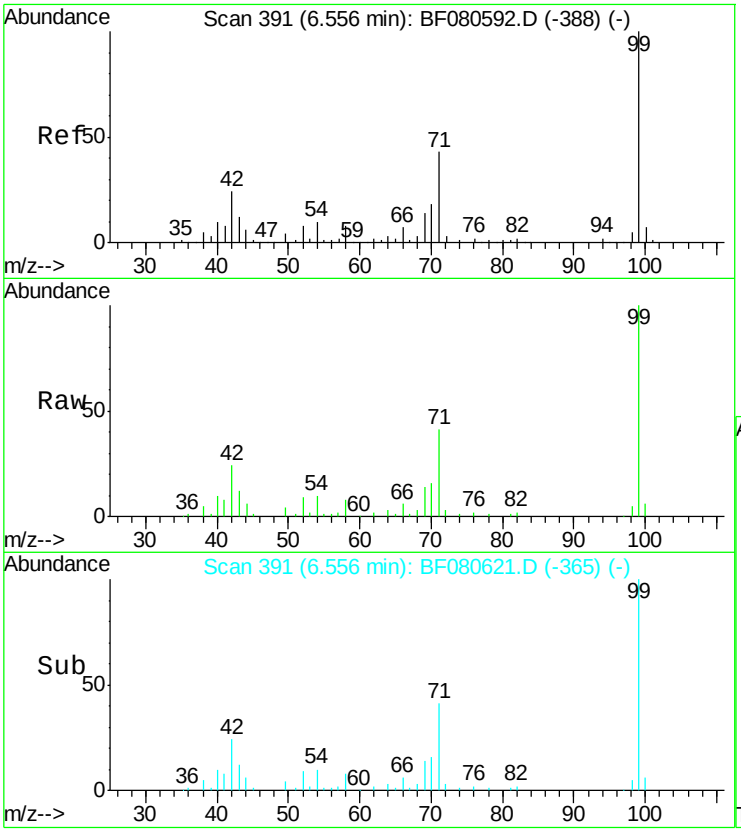


#5
2-Fluorophenol
Concen: 13.25 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:112 Resp: 29847

Ion	Ratio	Lower	Upper
112	100		
64	53.4	60.2	90.2#
63	32.3	34.8	52.2#



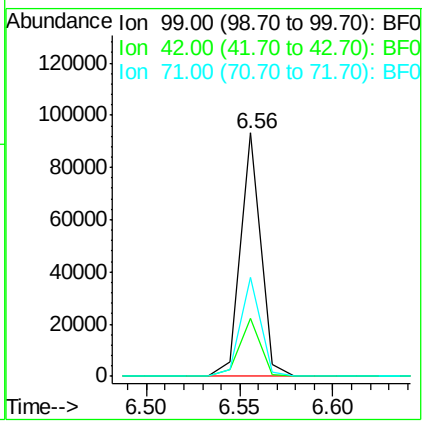


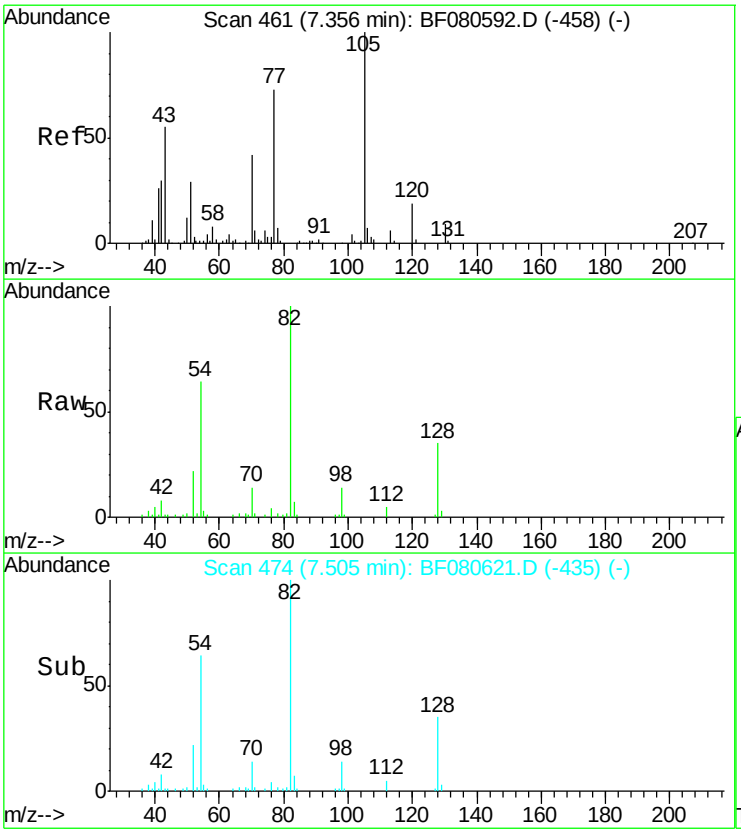
#7
Phenol-d6
Concen: 25.86 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion: 99 Resp: 71211

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.4	26.2
71	40.6	29.0	43.6

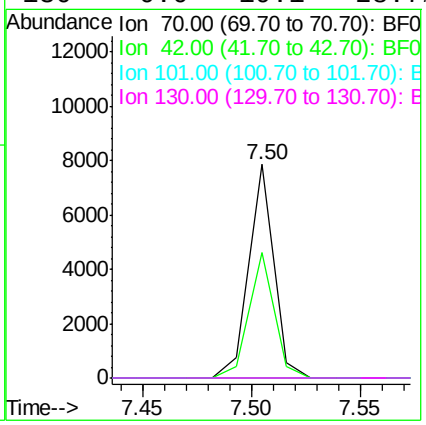


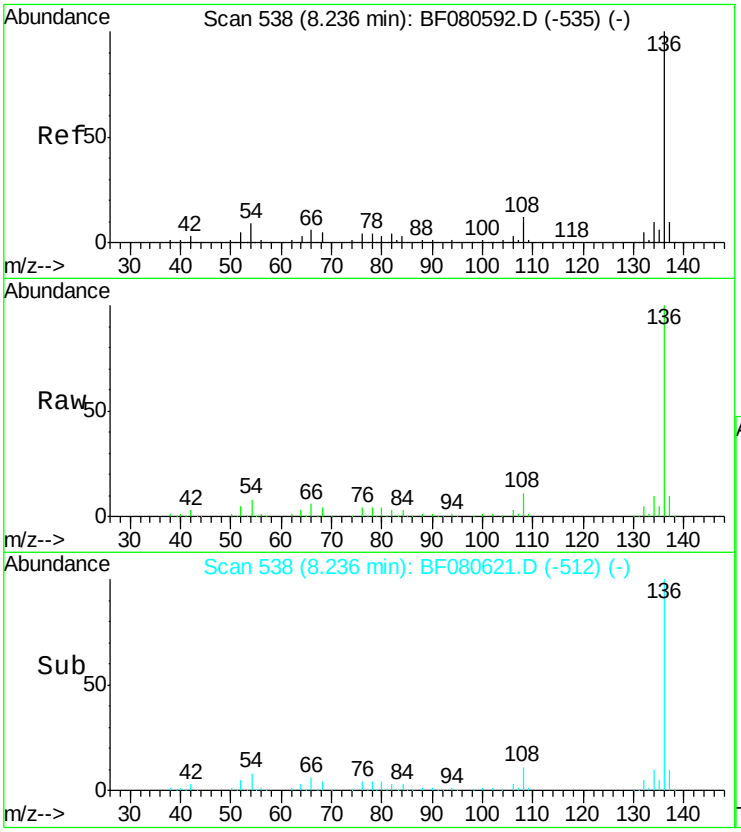


#19
n-Nitroso-di-n-propylamine
Concen: 3.37 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion: 70 Resp: 6285

Ion	Ratio	Lower	Upper
70	100		
42	58.8	56.6	85.0
101	0.0	9.7	14.5#
130	0.0	19.1	28.7#



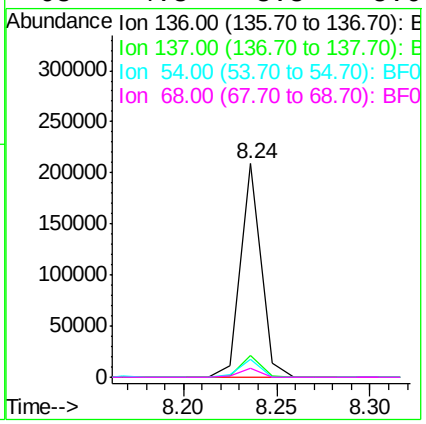


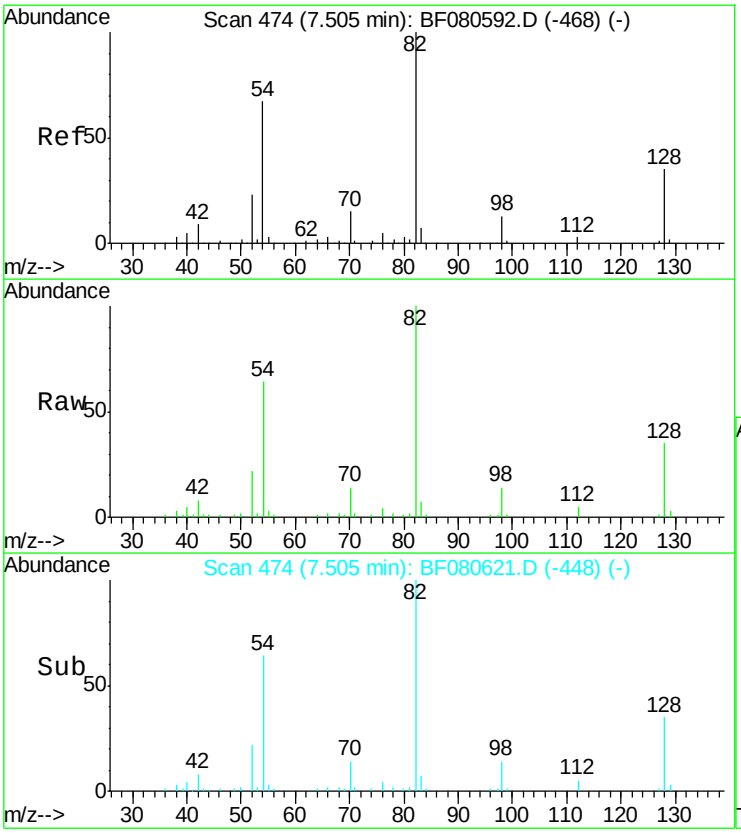
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:136 Resp: 160556

Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.8	11.8
54	8.5	7.2	10.8
68	4.3	3.8	5.6

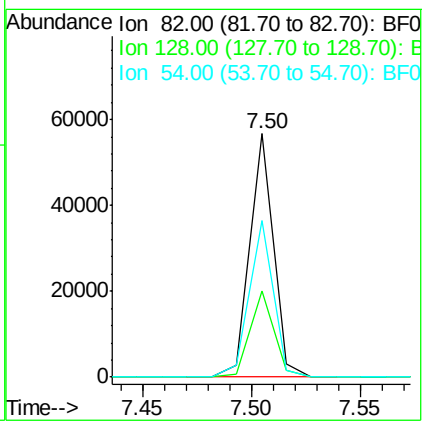


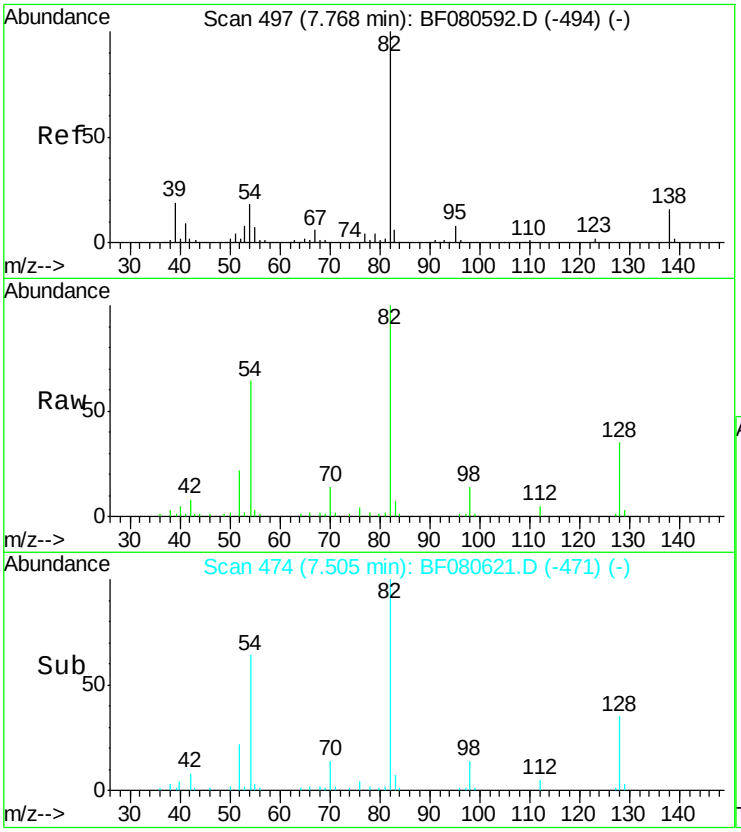


#23
Nitrobenzene-d5
Concen: 15.20 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion: 82 Resp: 43082

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	64.1	54.5	81.7



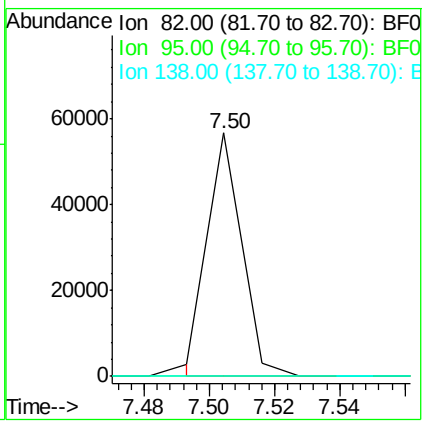


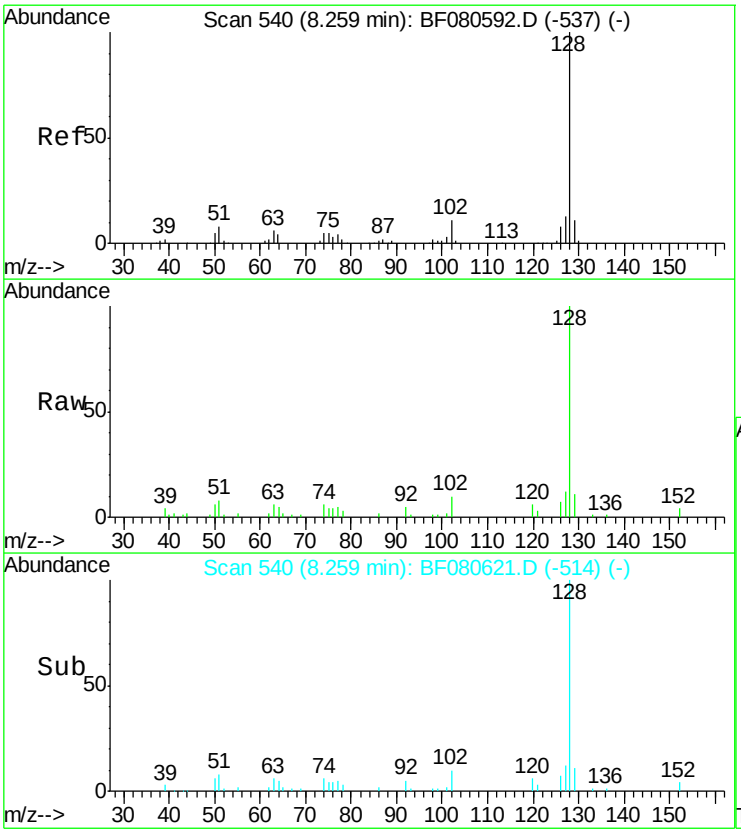
#25
Isophorone
Concen: 7.83 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.26 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion: 82 Resp: 41102

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#

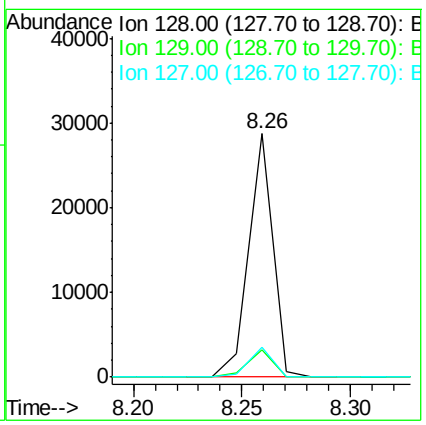


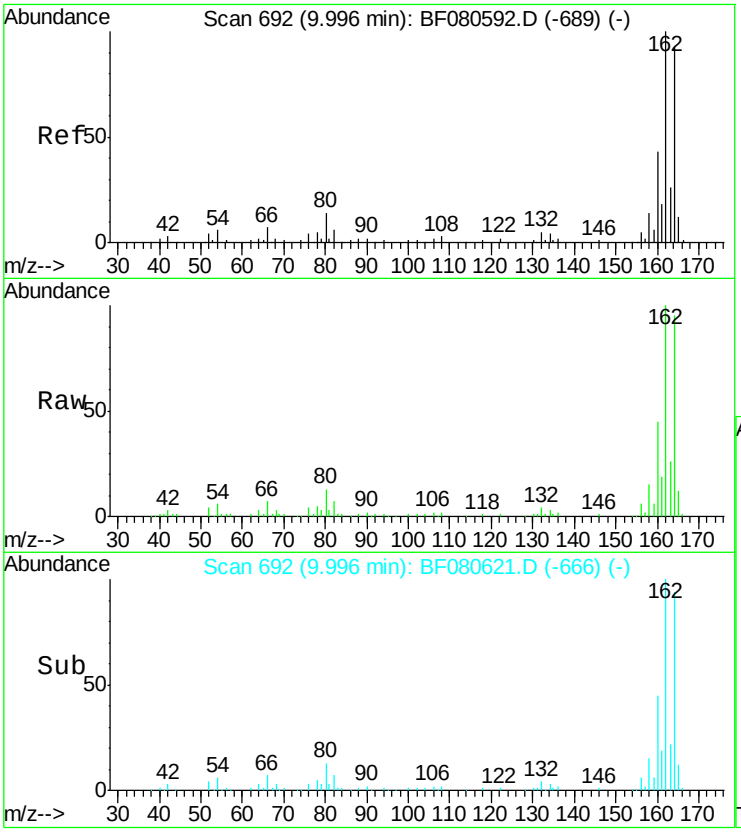


#31
Naphthalene
Concen: 2.75 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:128 Resp: 22080

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	12.4	10.7	16.1



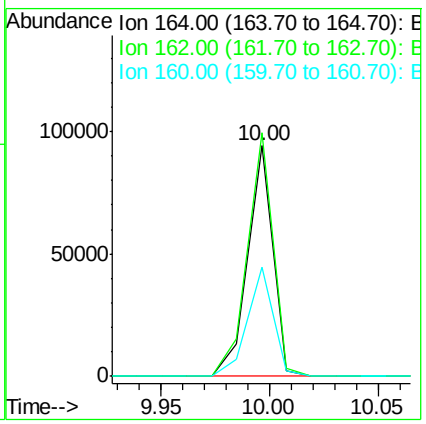


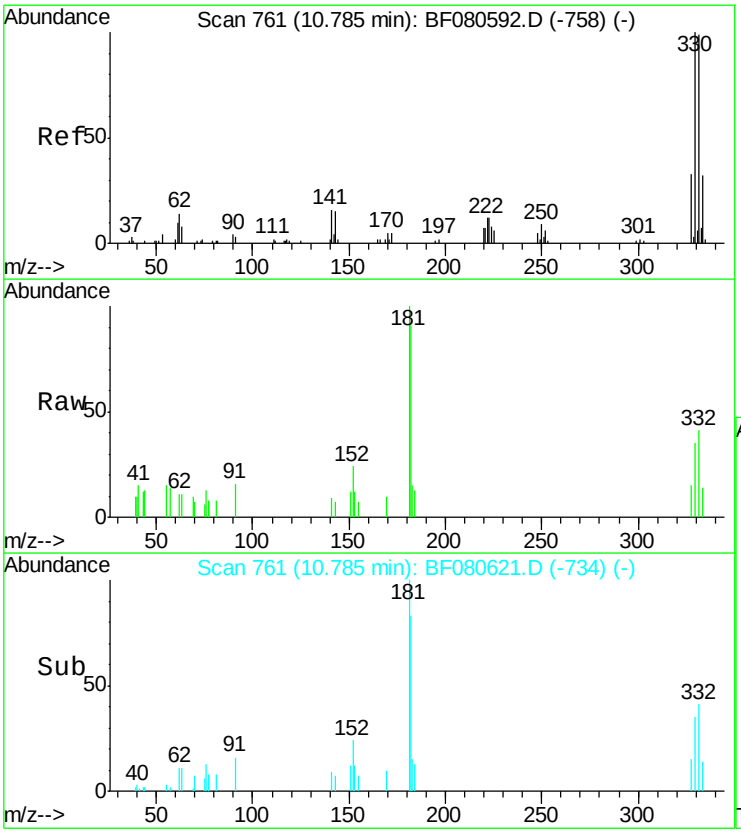
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:164 Resp: 74981

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	47.2	36.1	54.1

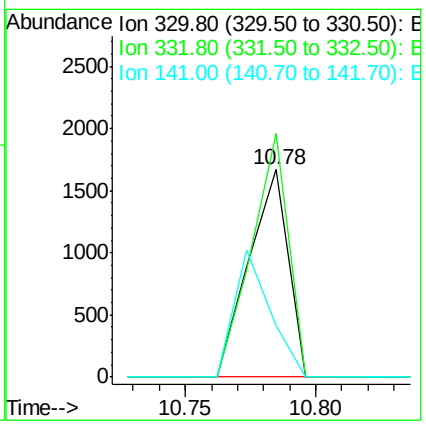


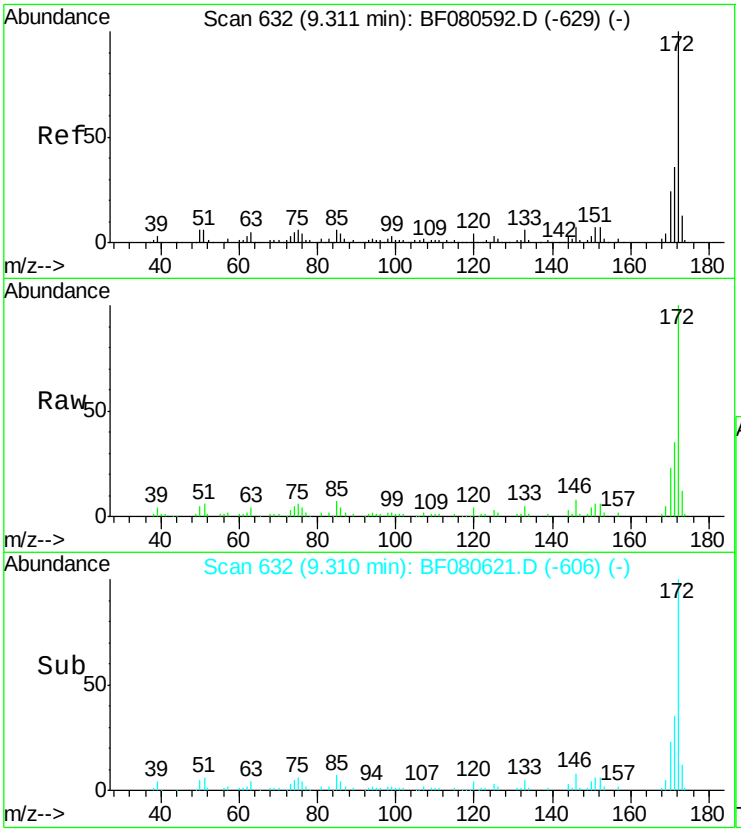


#41
2,4,6-Tribromophenol
Concen: 2.96 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:330 Resp: 1757

Ion	Ratio	Lower	Upper
330	100		
332	110.1	78.3	117.5
141	56.4	37.9	56.9



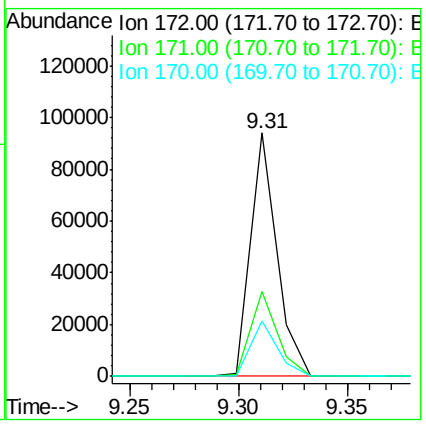


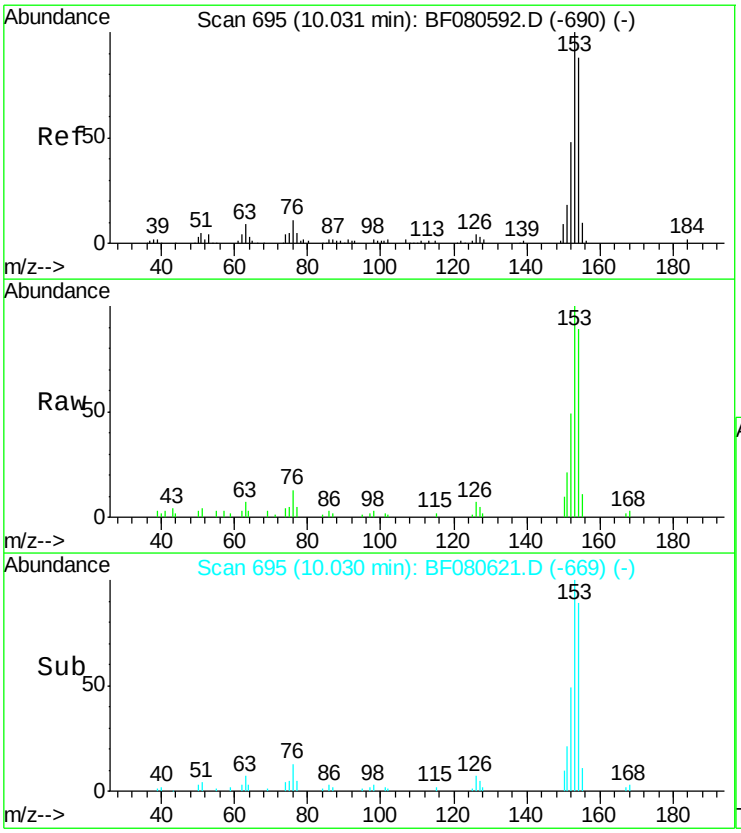
#44
2-Fluorobiphenyl
Concen: 15.31 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:172 Resp: 79103

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.0	19.1	28.7

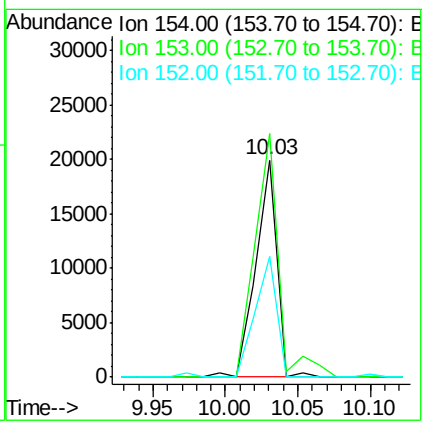


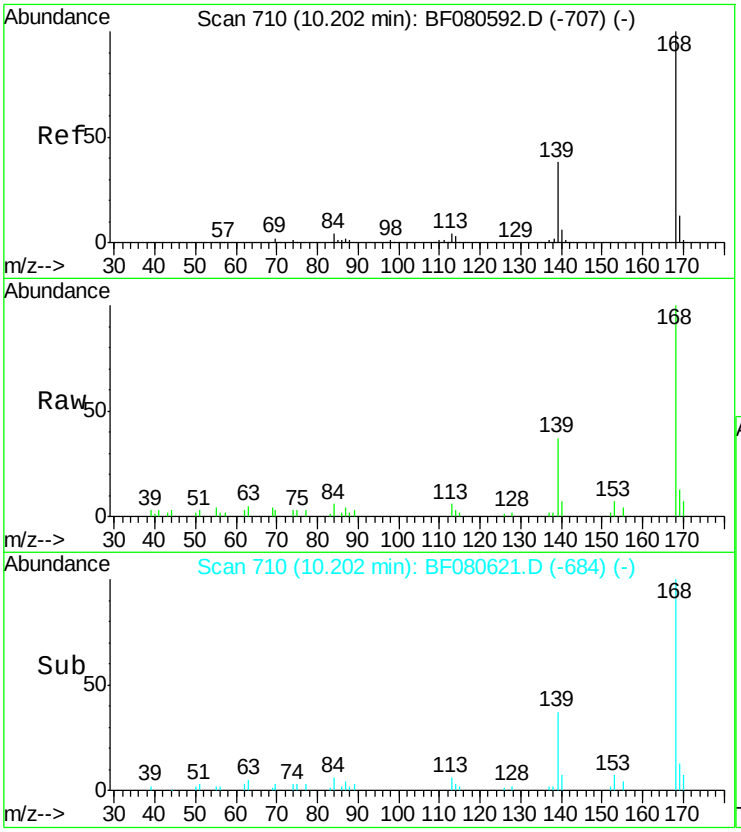


#51
Acenaphthene
Concen: 4.55 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:154 Resp: 19976

Ion	Ratio	Lower	Upper
154	100		
153	112.0	92.2	138.2
152	55.4	43.6	65.4



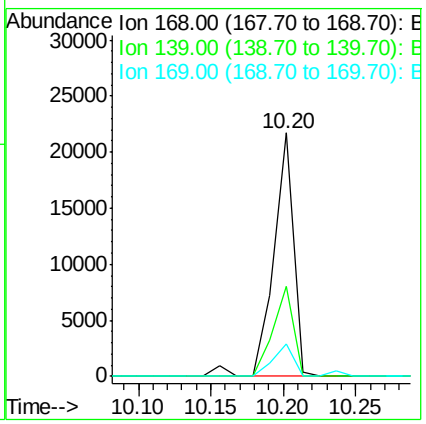


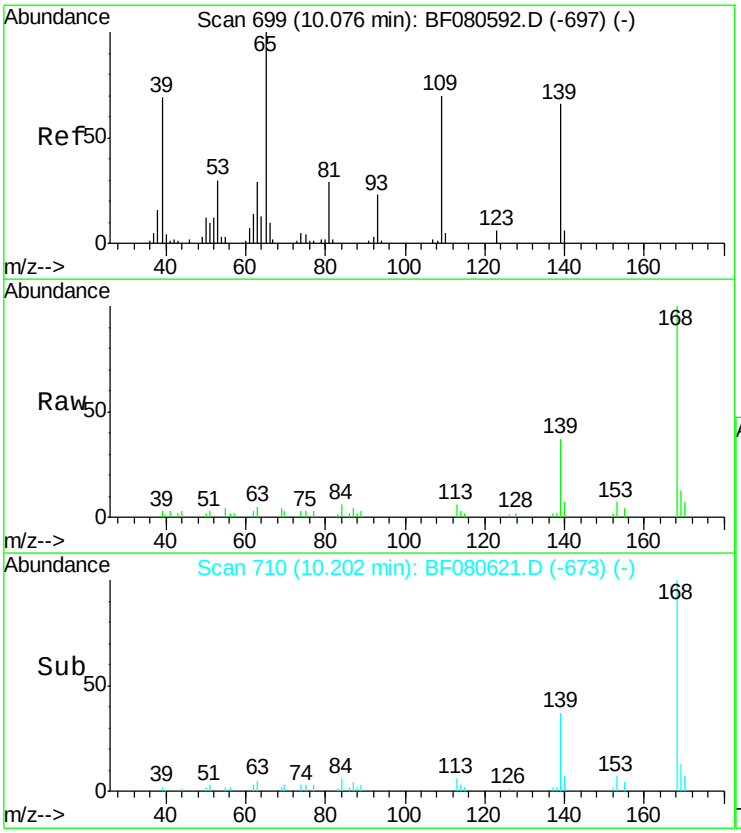
#54
Dibenzofuran
Concen: 3.27 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:168 Resp: 20780

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.7	46.1
169	13.4	9.8	14.8

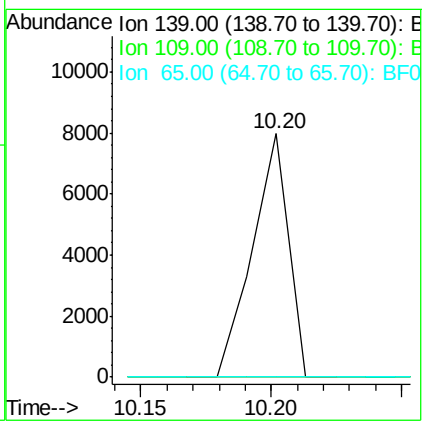


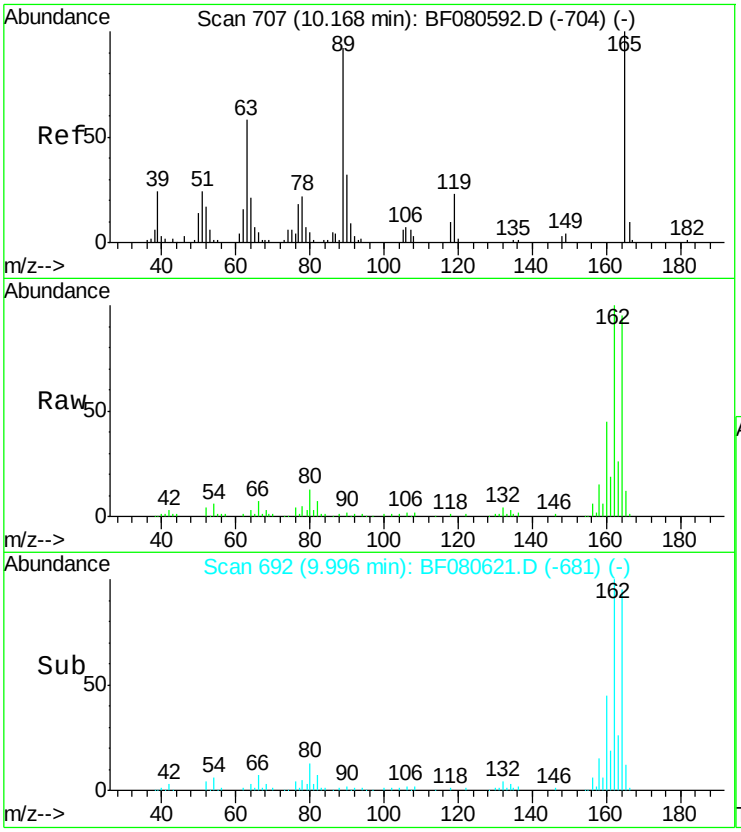


#55
4-Nitrophenol
Concen: 9.53 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.13 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:139 Resp: 7726

Ion	Ratio	Lower	Upper
139	100		
109	0.0	75.9	115.9#
65	0.0	109.4	149.4#



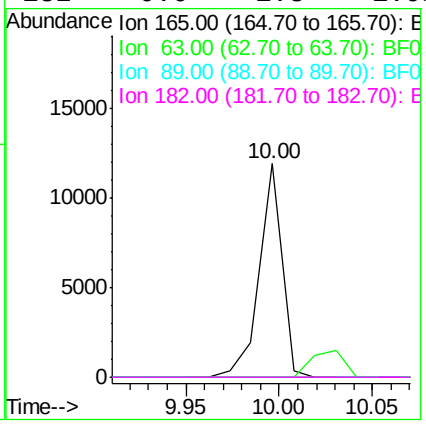


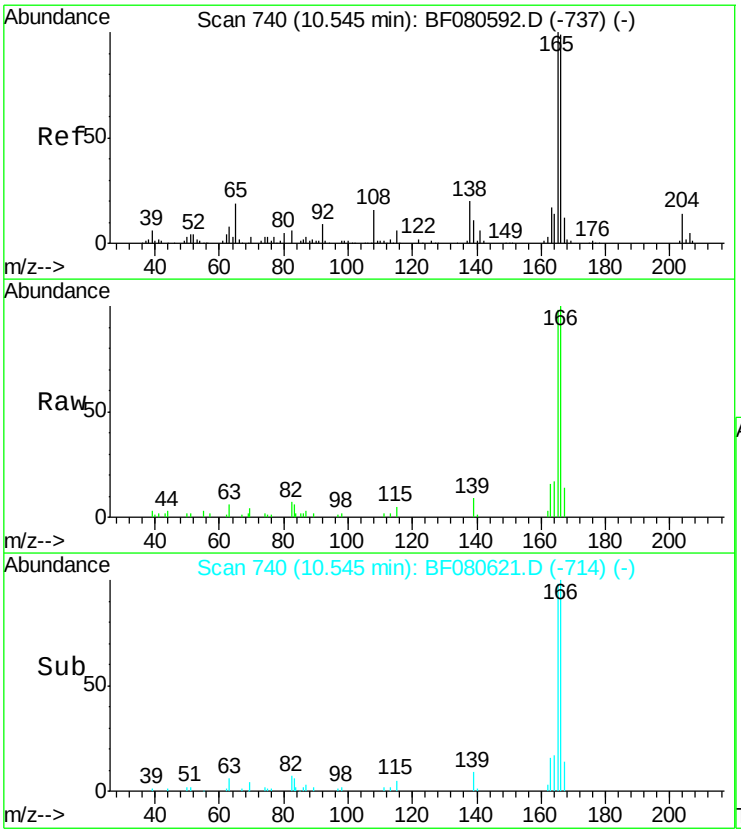
#56
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:165 Resp: 9998

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#

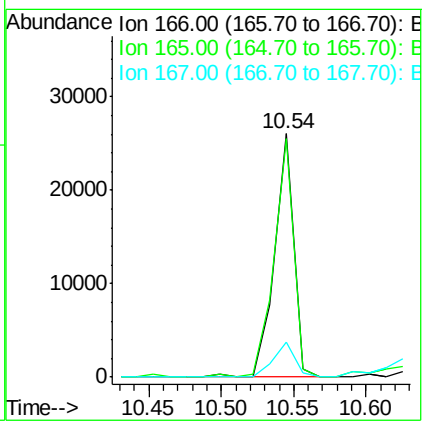


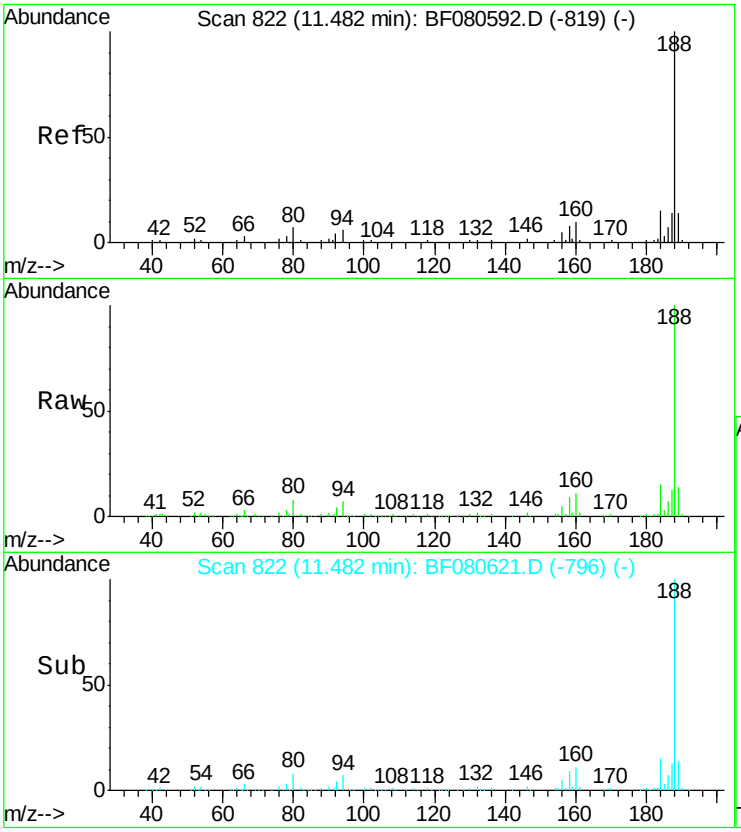


#57
Fluorene
Concen: 4.70 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:166 Resp: 23984

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.7	116.5
167	14.5	10.5	15.7



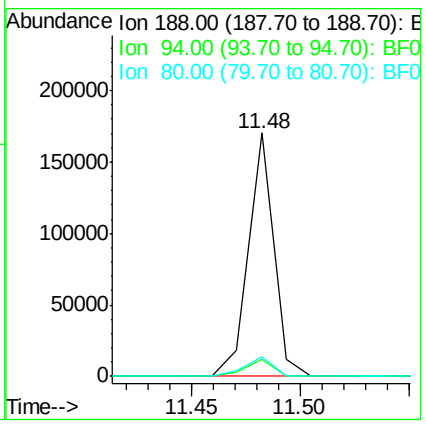


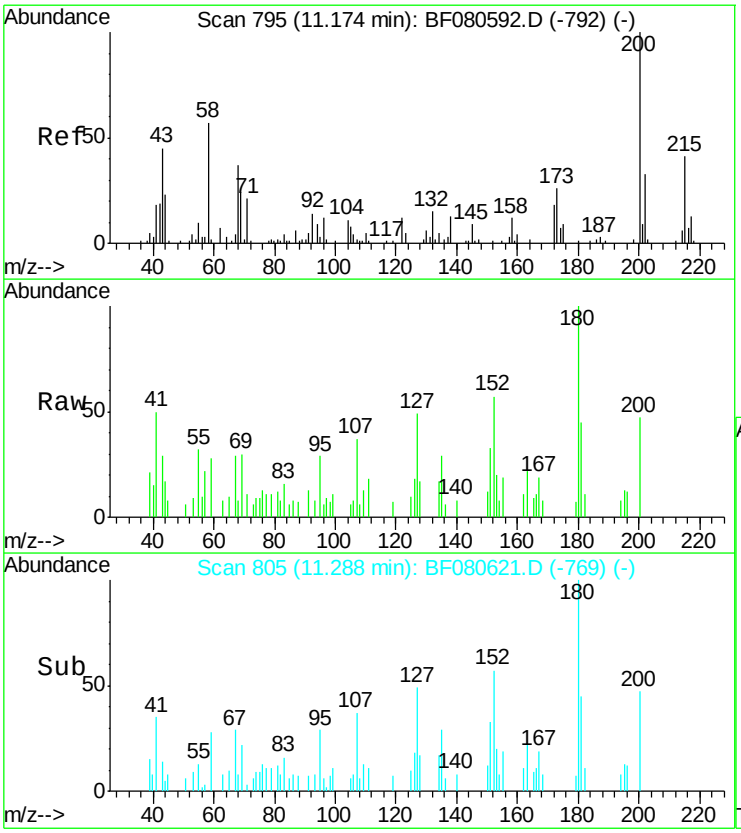
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:188 Resp: 137990

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.1	9.1
80	8.0	7.0	10.6

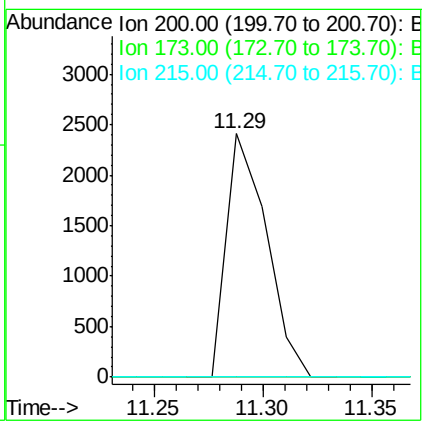


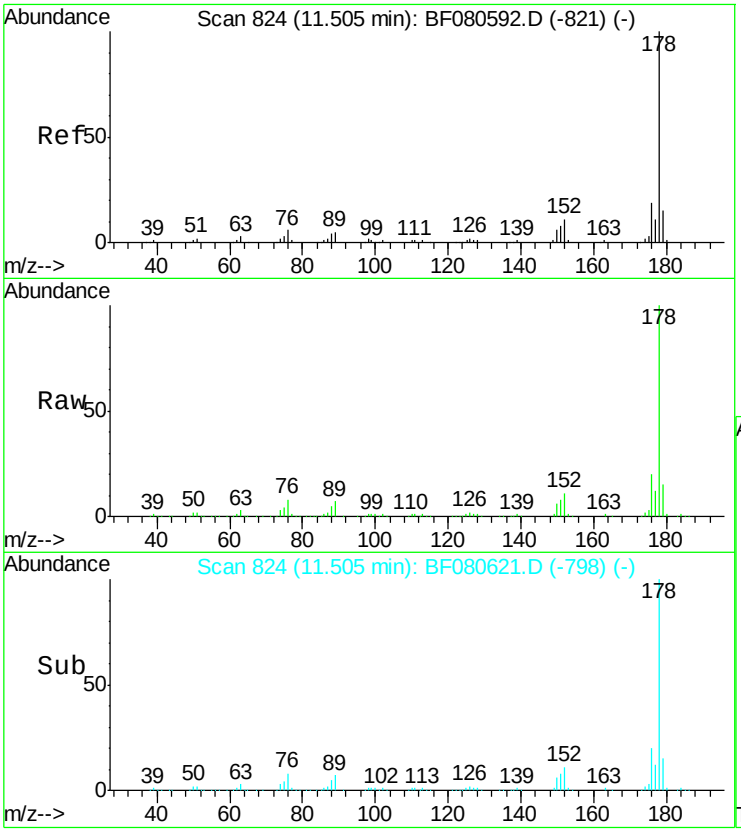


#68
Atrazine
Concen: 2.48 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.11 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:200 Resp: 3090

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.6	44.6#
215	0.0	22.9	62.9#



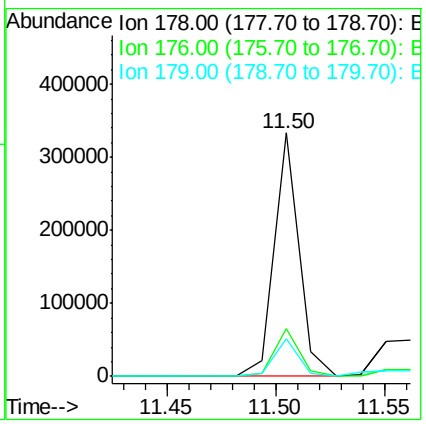


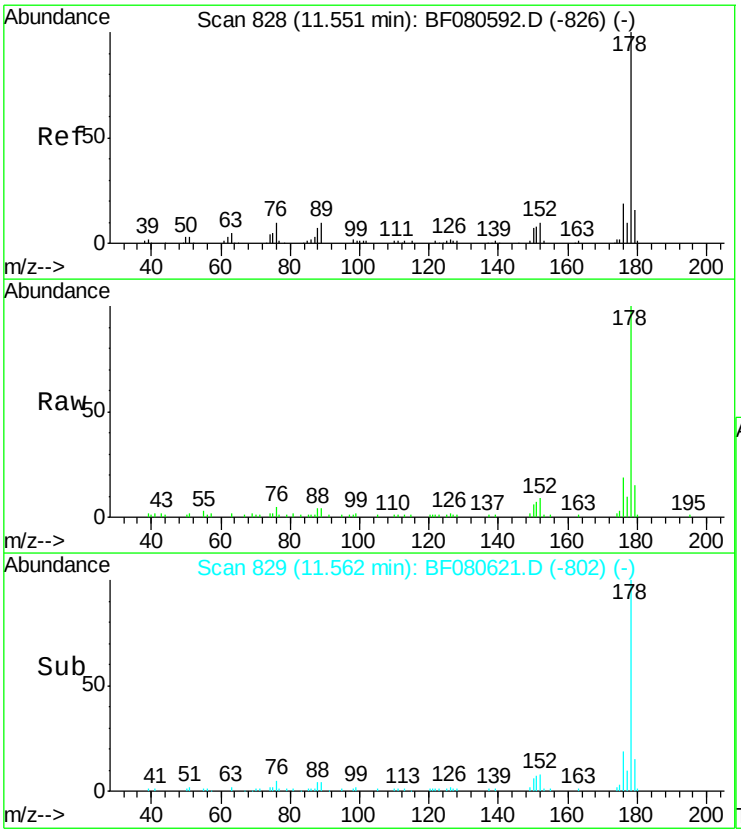
#70
Phenanthrene
Concen: 34.18 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:178 Resp: 266235

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.3	12.5	18.7

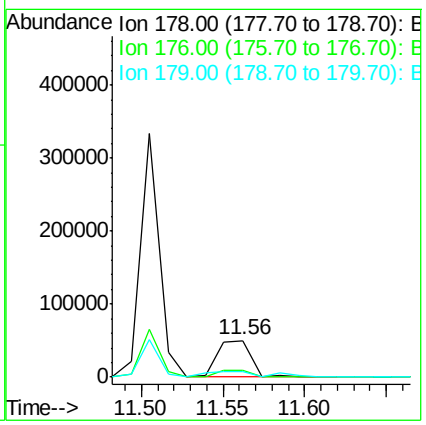


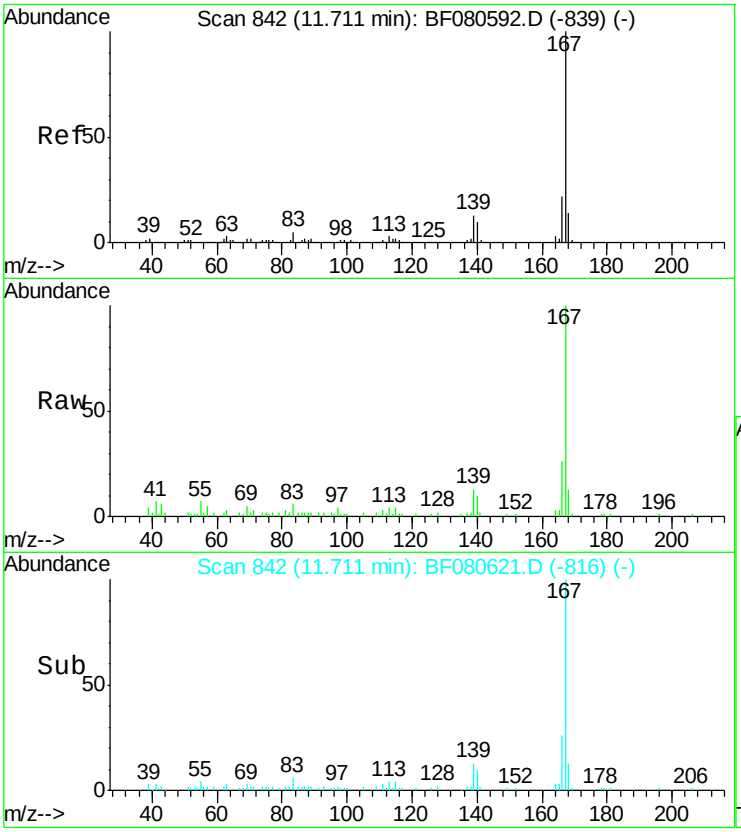


#71
Anthracene
Concen: 9.79 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:178 Resp: 71421

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	14.7	12.0	18.0



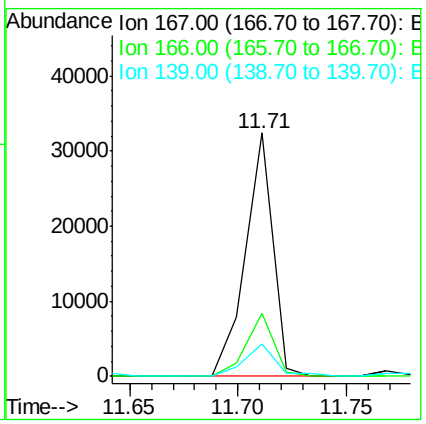


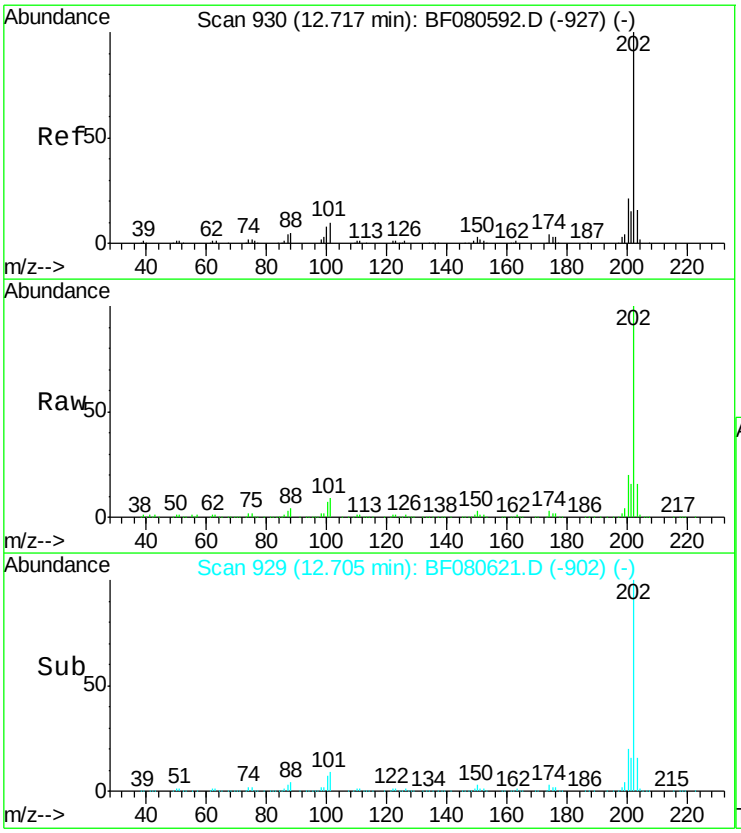
#72
Carbazole
Concen: 4.51 ng
RT: 11.71 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:167 Resp: 28463

Ion	Ratio	Lower	Upper
167	100		
166	25.9	18.1	27.1
139	13.4	10.7	16.1

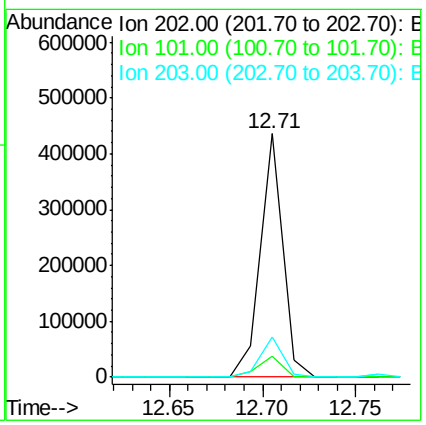


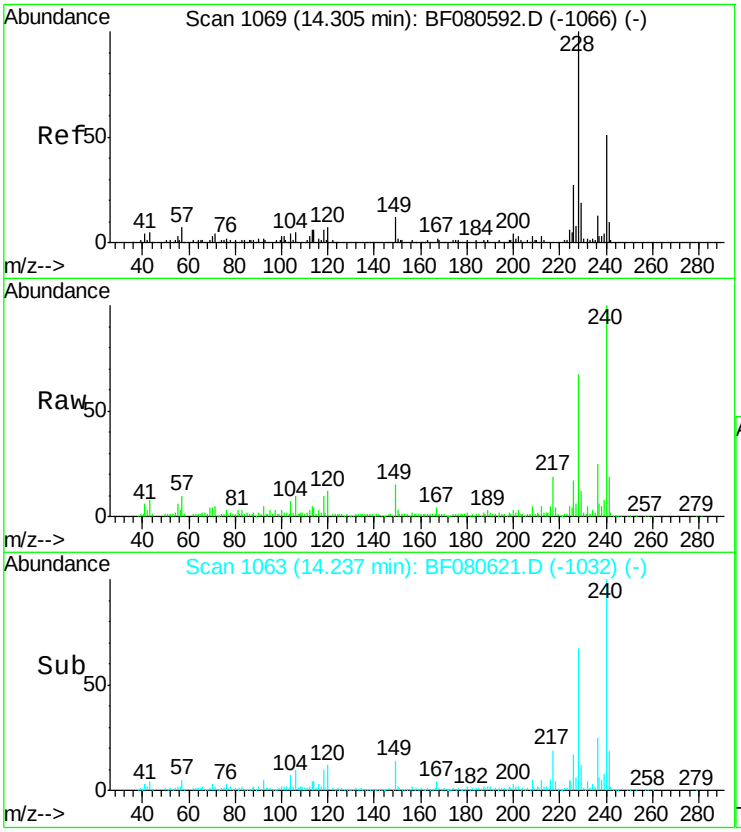


#74
Fluoranthene
Concen: 51.45 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:202 Resp: 358587

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	31.1
203	16.4	0.0	37.5



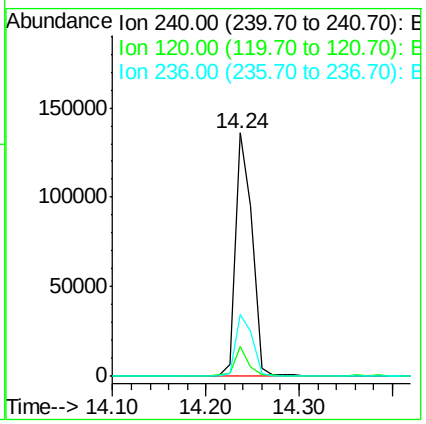


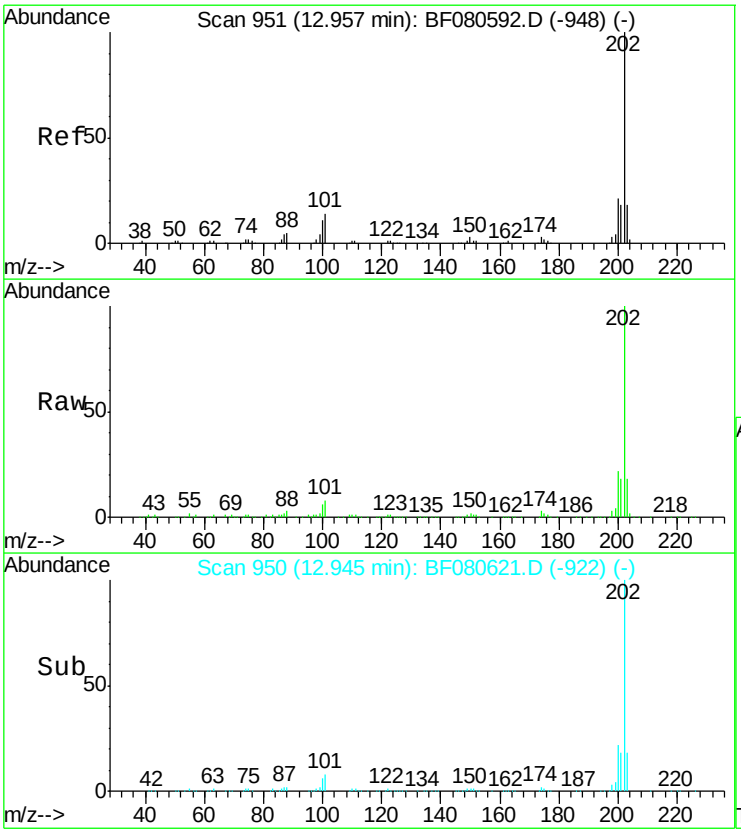
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:240 Resp: 169128

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.9	14.9
236	25.4	19.1	28.7

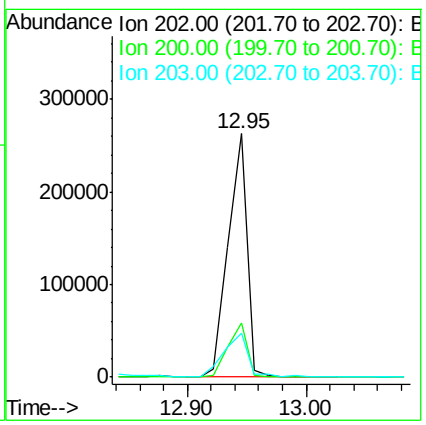


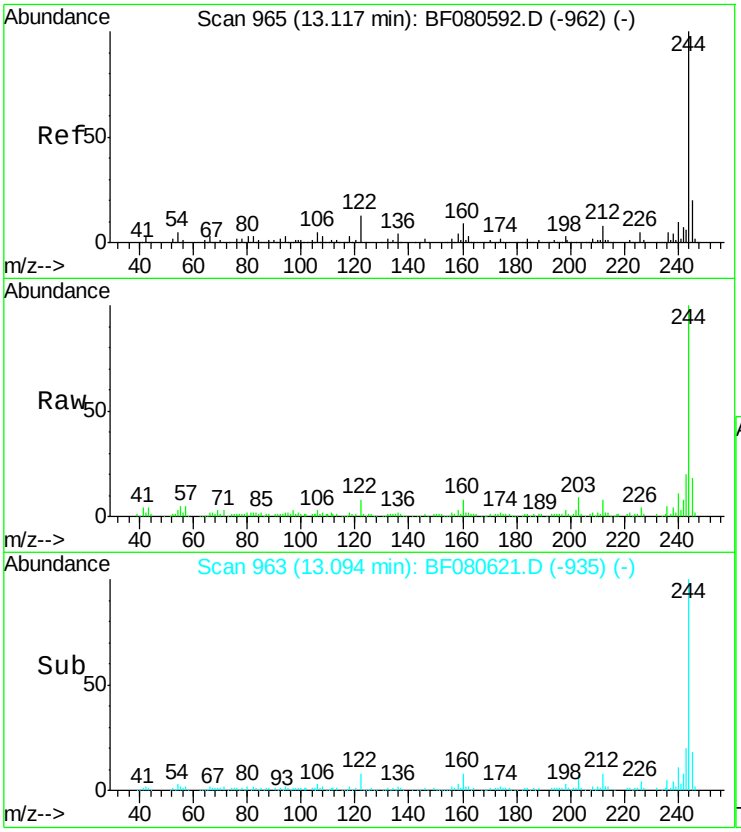


#77
Pyrene
Concen: 25.52 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.02 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:202 Resp: 289541

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.0	14.5	21.7



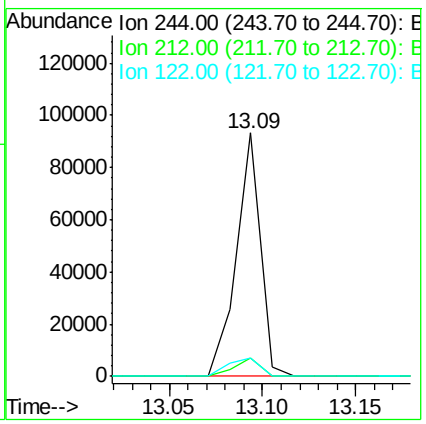


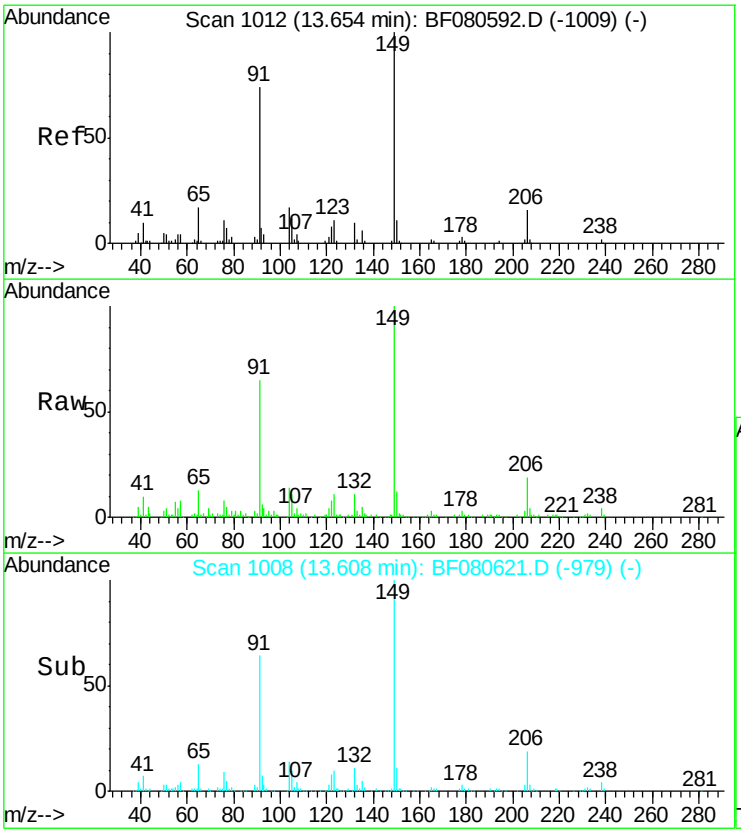
#78
Terphenyl-d14
Concen: 10.44 ng
RT: 13.09 min Scan# 963
Delta R.T. 0.02 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:244 Resp: 84373

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	7.5	8.2	12.2#

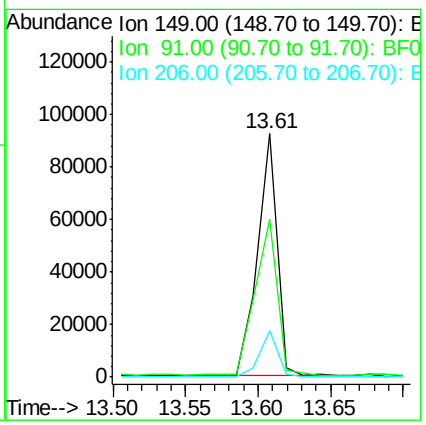


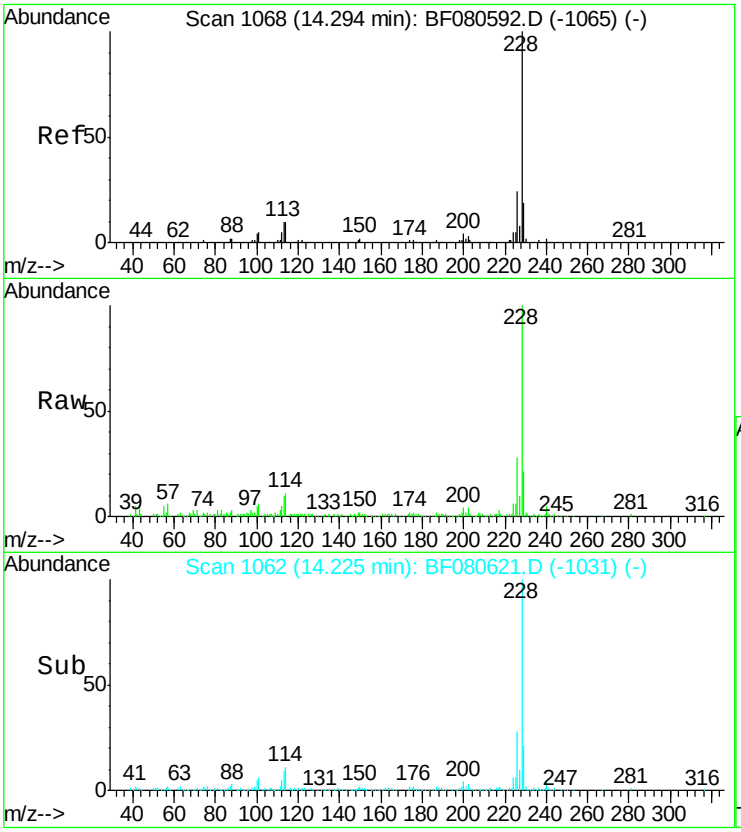


#79
Butylbenzylphthalate
Concen: 24.39 ng
RT: 13.61 min Scan# 1008
Delta R.T. 0.03 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:149 Resp: 87468

Ion	Ratio	Lower	Upper
149	100		
91	65.0	53.0	79.6
206	19.1	15.0	22.6



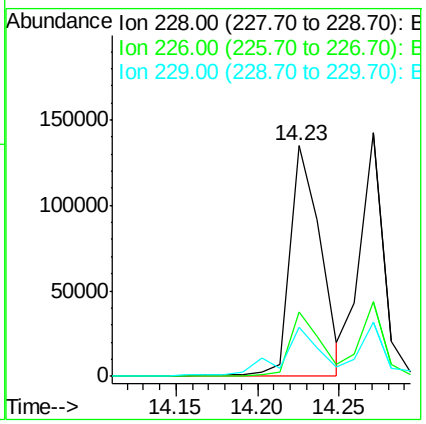


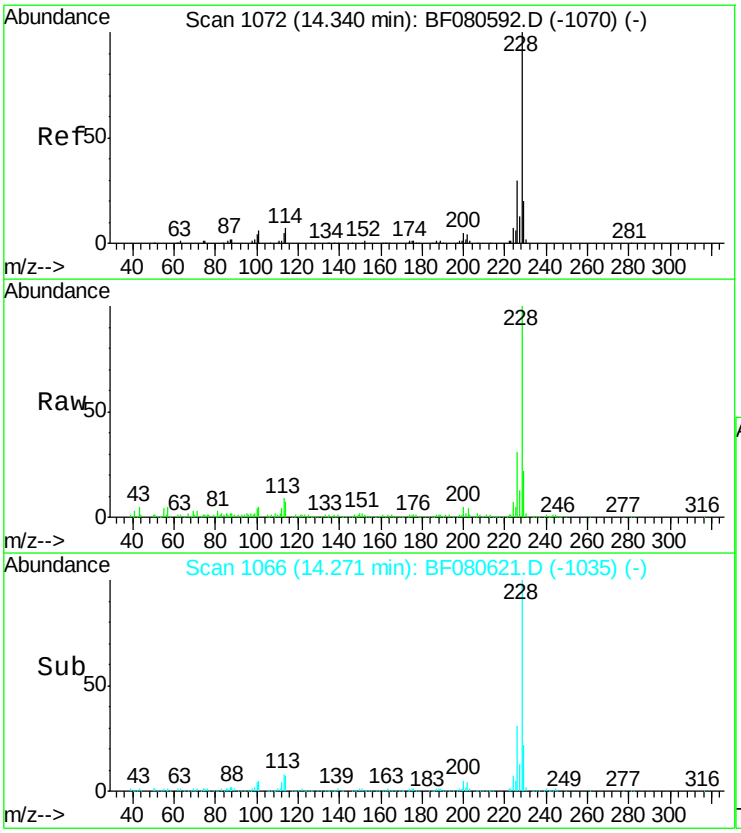
#80
Benzo(a)anthracene
Concen: 18.58 ng
RT: 14.23 min Scan# 1062
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:228 Resp: 177242

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	21.0	15.7	23.5

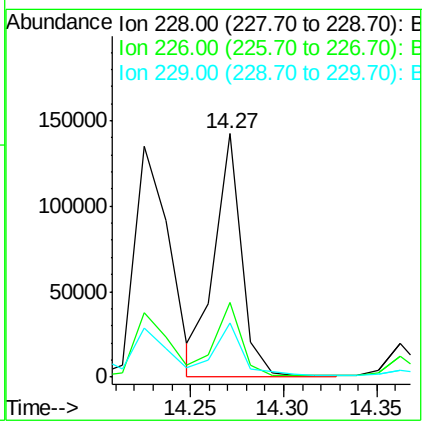


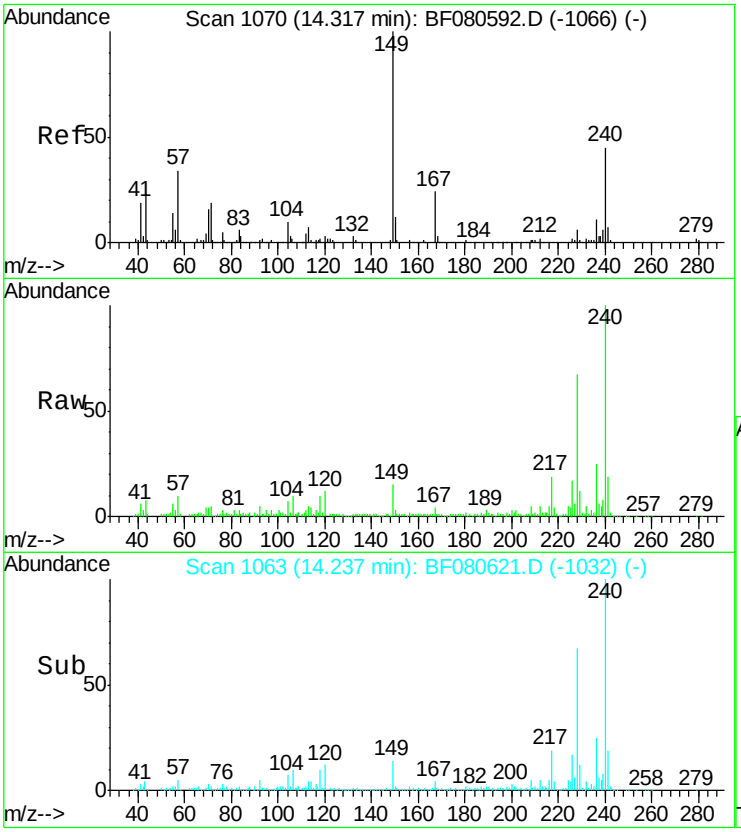


#82
Chrysene
Concen: 15.09 ng
RT: 14.27 min Scan# 1066
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:228 Resp: 143172

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	22.0	15.0	22.4



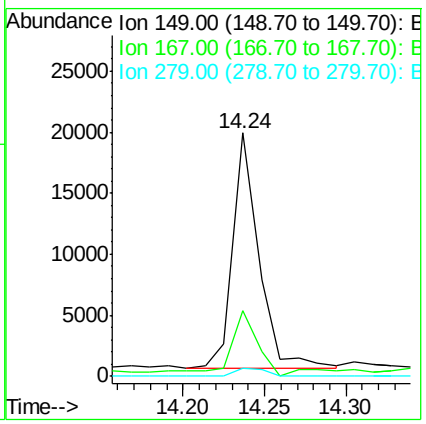


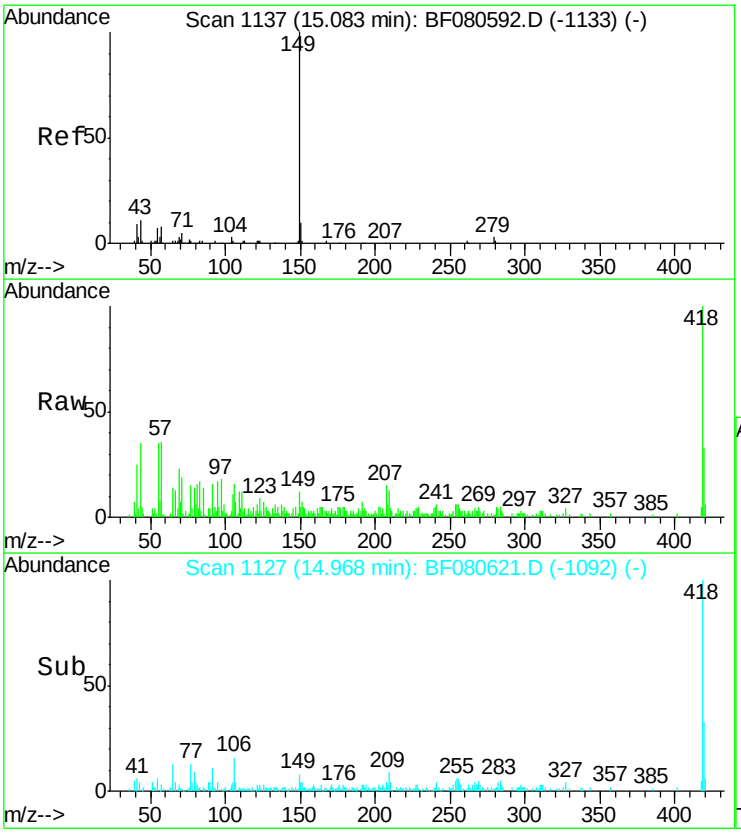
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.80 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:149 Resp: 21080

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.2	30.2
279	3.4	2.0	3.0#

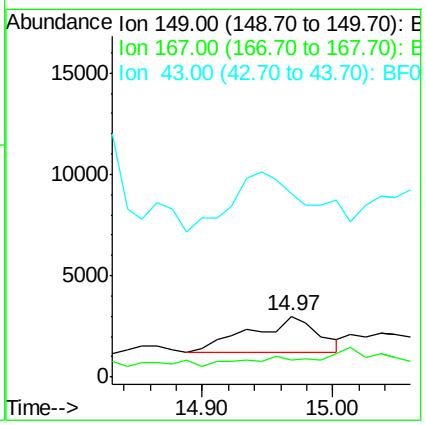


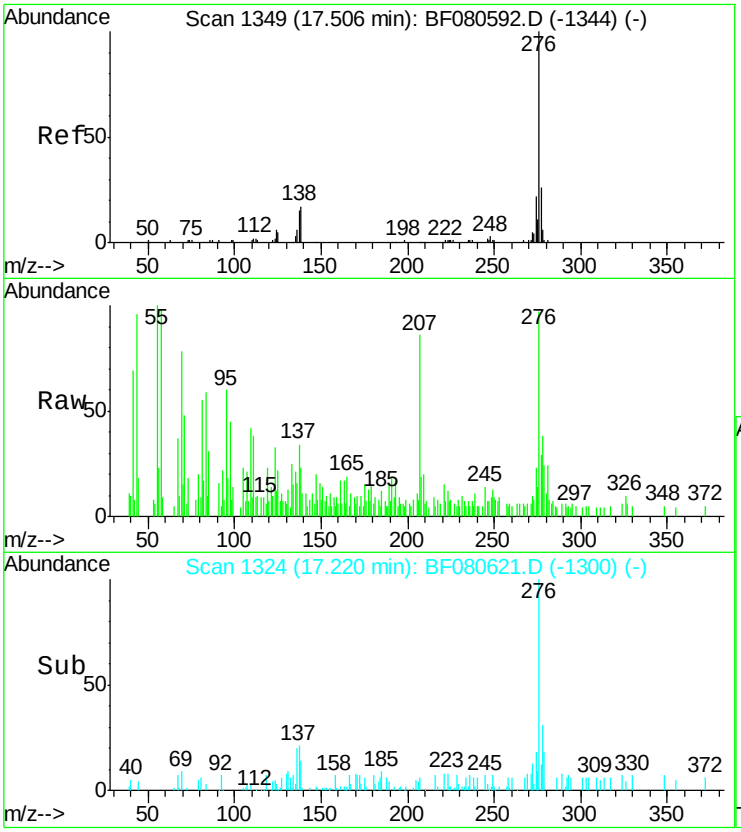


#84
Di-n-octyl phthalate
Concen: 6.63 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.10 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:149 Resp: 6281

Ion	Ratio	Lower	Upper
149	100		
167	25.9	1.2	1.8#
43	0.0	12.5	18.7#



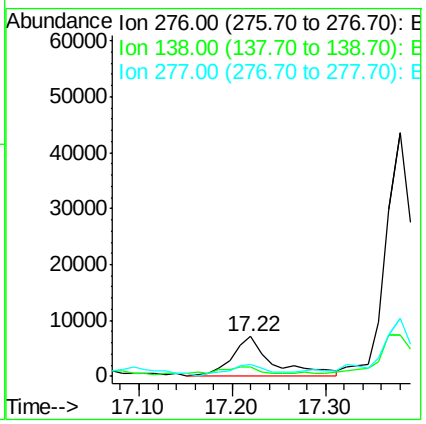


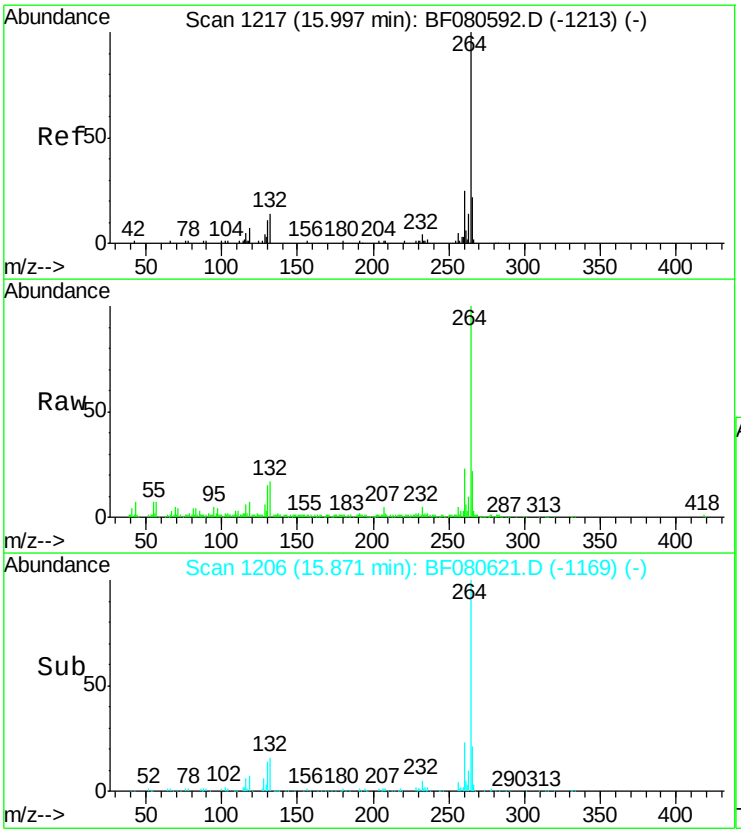
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.07 ng
RT: 17.22 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:276 Resp: 22067

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.9	28.3
277	29.1	19.9	29.9

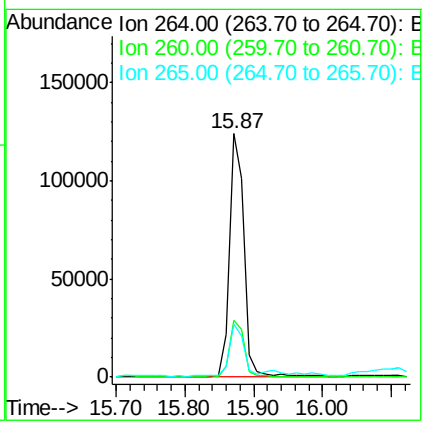


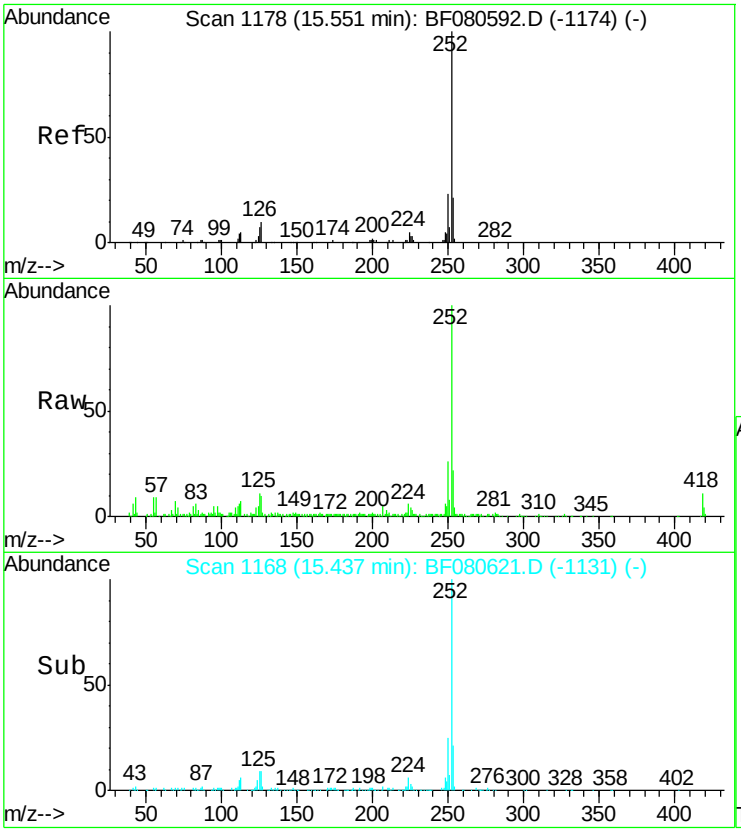


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1206
Delta R.T. 0.13 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:264 Resp: 186621

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.8
265	21.5	15.6	23.4



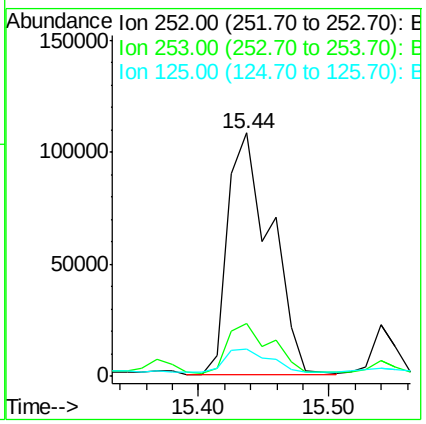


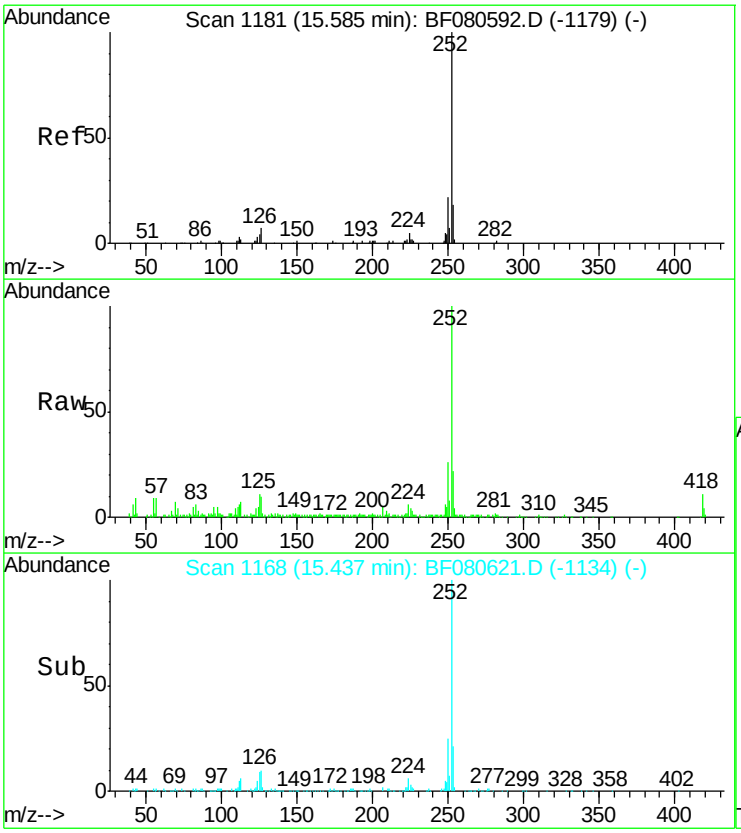
#87
Benzo(b)fluoranthene
Concen: 21.80 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.13 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:252 Resp: 247398

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	11.0	6.1	9.1#

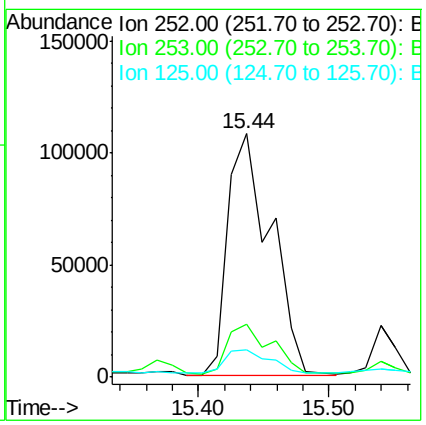


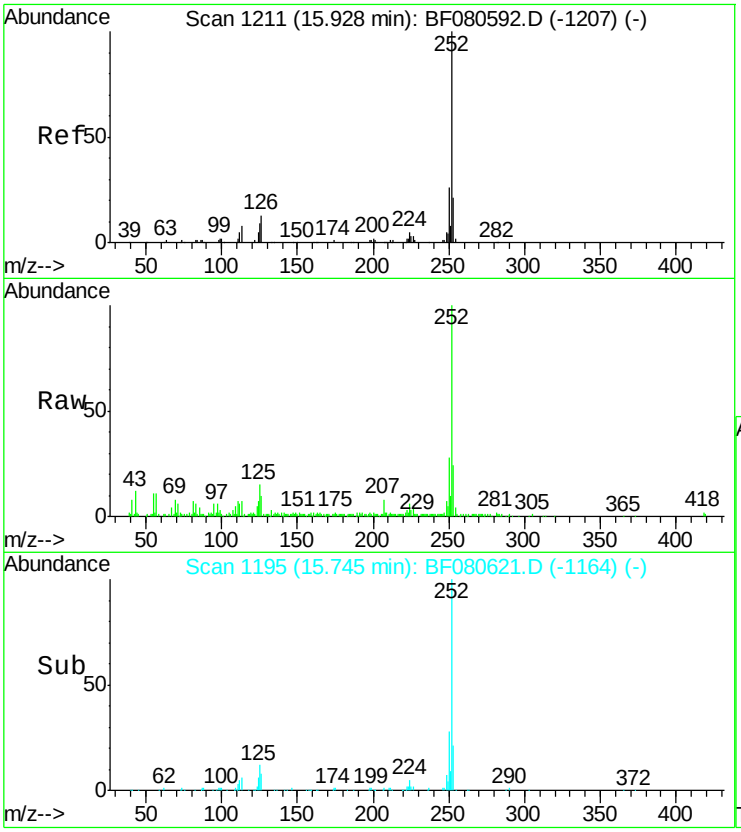


#88
Benzo(k)fluoranthene
Concen: 21.90 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.09 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:252 Resp: 247398

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.0	8.6	13.0



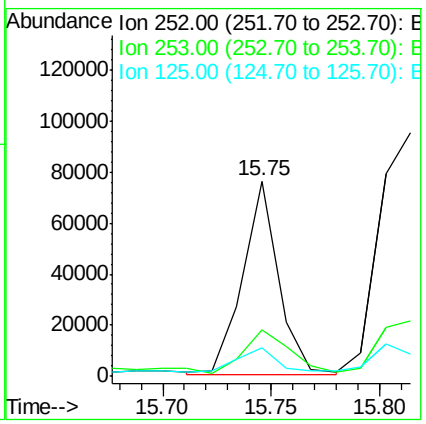


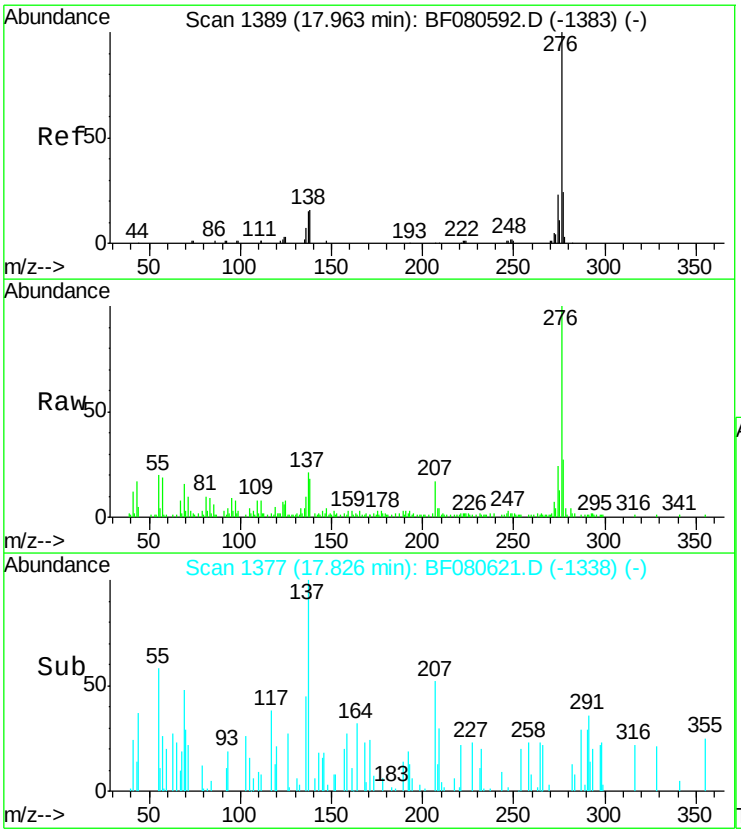
#89
Benzo(a)pyrene
Concen: 8.61 ng
RT: 15.75 min Scan# 1195
Delta R.T. 0.06 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Tgt Ion:252 Resp: 86739

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	14.6	11.2	16.8





#91
Benzo(g,h,i)perylene
Concen: 8.17 ng
RT: 17.83 min Scan# 1377
Delta R.T. 0.15 min
Lab File: BF080621.D
Acq: 24 Jul 2015 5:52

Tgt Ion:276 Resp: 79391

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.0	27.0#
138	17.9	17.8	26.6