Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Quant Time: Sep 07 01:56:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50260	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	194072	20.00	ng		-0.03
38) Acenaphthene-d10	9.38	164	84926	20.00	ng		-0.03
63) Phenanthrene-d10	10.86	188	162563	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	90559	20.00	ng		-0.03
86) Perylene-d12	14.78	264	90793	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	353916	109.25	ng		-0.02
7) Phenol-d6	6.03	99	524131	122.23	ng		-0.02
23) Nitrobenzene-d5	6.94	82	338769	84.22	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	80447	106.39	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	505950	76.34	ng		-0.03
78) Terphenyl-d14	12.43	244	296071	76.11	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	46443	15.91	ng	#	63
25) Isophorone	6.94	82	253436	33.87	ng	#	58
31) Naphthalene	7.67	128	53752	5.19	ng		98
32) Benzoic acid	7.48	122	371	2.70	ng	#	9
37) 2-Methylnaphthalene	8.36	142	22960	3.41	ng	#	89
48) Acenaphthylene	9.24	152	28098	2.81	ng	#	95
49) Dimethylphthalate	9.13	163	122321	18.54	ng	#	97
51) Acenaphthene	9.42	154	55208	9.69	ng		93
54) Dibenzofuran	9.59	168	75619	9.09	ng	#	81
55) 4-Nitrophenol	9.59	139	32811	30.63	ng	#	27
57) Fluorene	9.93	166	56395	8.94	ng	#	96
66) 4-Bromophenyl-phenylether	10.17	248	6449	3.92	ng	#	1
70) Phenanthrene	10.89	178	1171438	129.62	ng		96
71) Anthracene	10.92	178	226541	24.40	ng		97
72) Carbazole	11.10	167	78246	8.98	ng		98
74) Fluoranthene	12.06	202	926220	94.67	ng		91
77) Pyrene	12.29	202	956357	142.57	ng		98
80) Benzo(a)anthracene	13.45	228	334164	57.94	ng		93
82) Chrysene	13.45	228	334164	64.64	ng		95
85) Indeno(1,2,3-cd)pyrene	15.85	276	123626	32.59	ng	#	81
87) Benzo(b)fluoranthene	14.45	252	373539	57.63	ng	#	88
88) Benzo(k)fluoranthene	14.45	252	373539	69.45	ng	#	88
89) Benzo(a)pyrene	14.73	252	226385	41.22	ng	#	82
90) Dibenzo(a,h)anthracene	15.91	278	9948	2.34	ng	#	84
91) Benzo(g,h,i)perylene	16.17	276	107522	26.54	ng	#	72

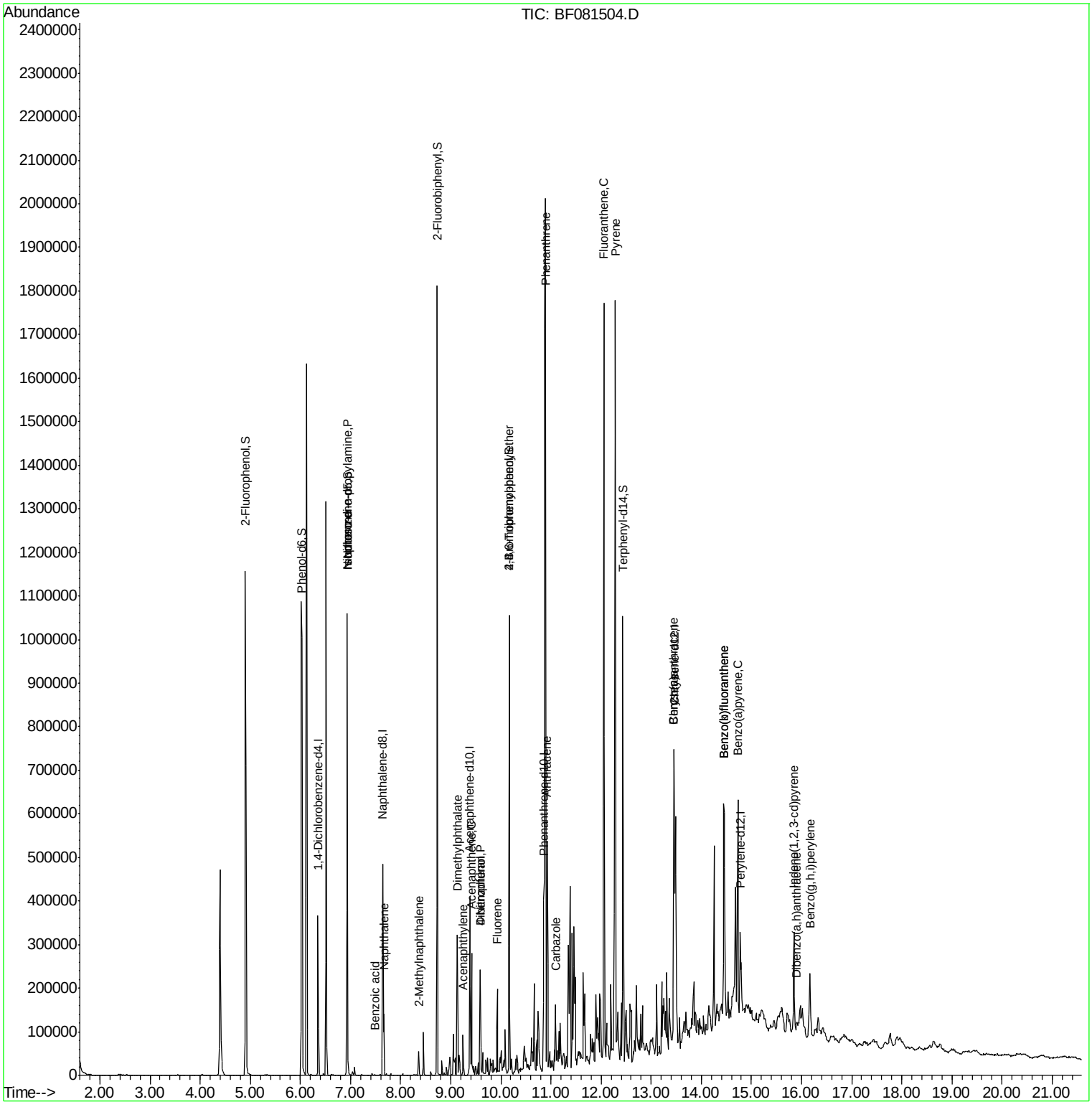
(#) = qualifier out of range (m) = manual integration (+) = signals summed

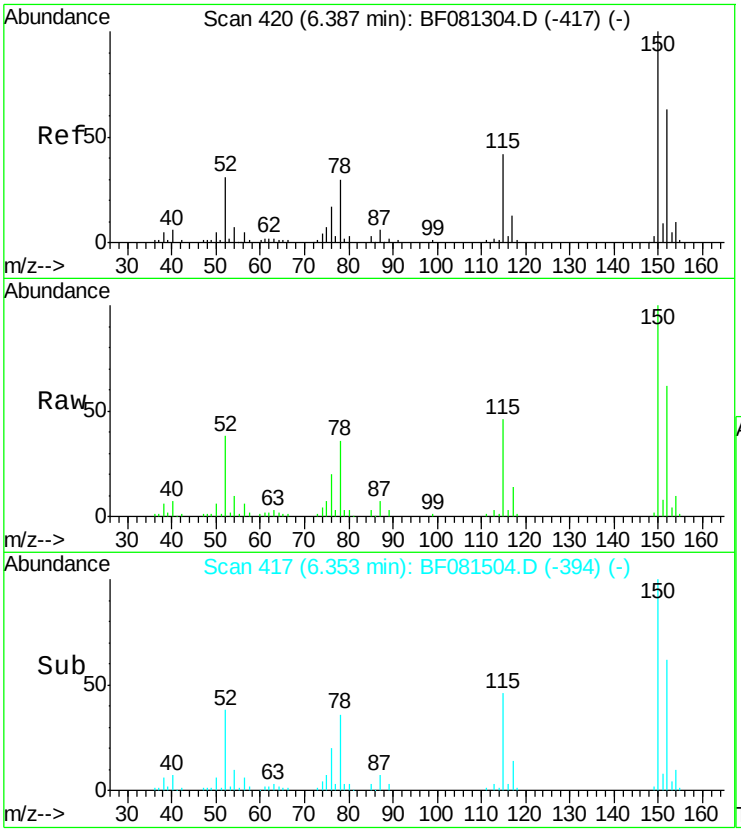
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081504.D
Acq On : 6 Sep 2015 12:14
Operator : UM/IZ
Sample : G3555-12
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Sep 07 01:56:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



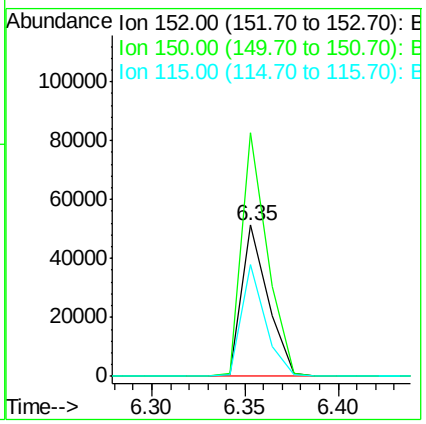


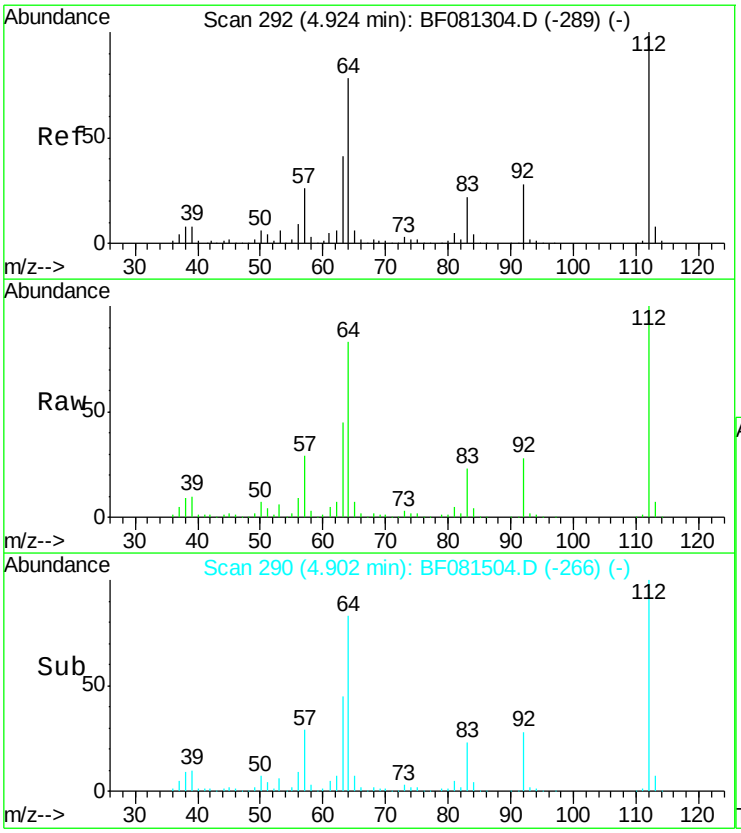
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 50260

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	74.2	39.0	58.4#

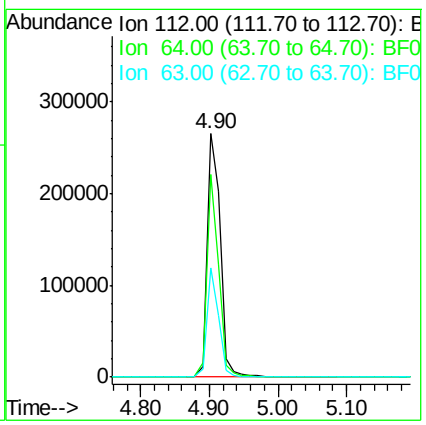


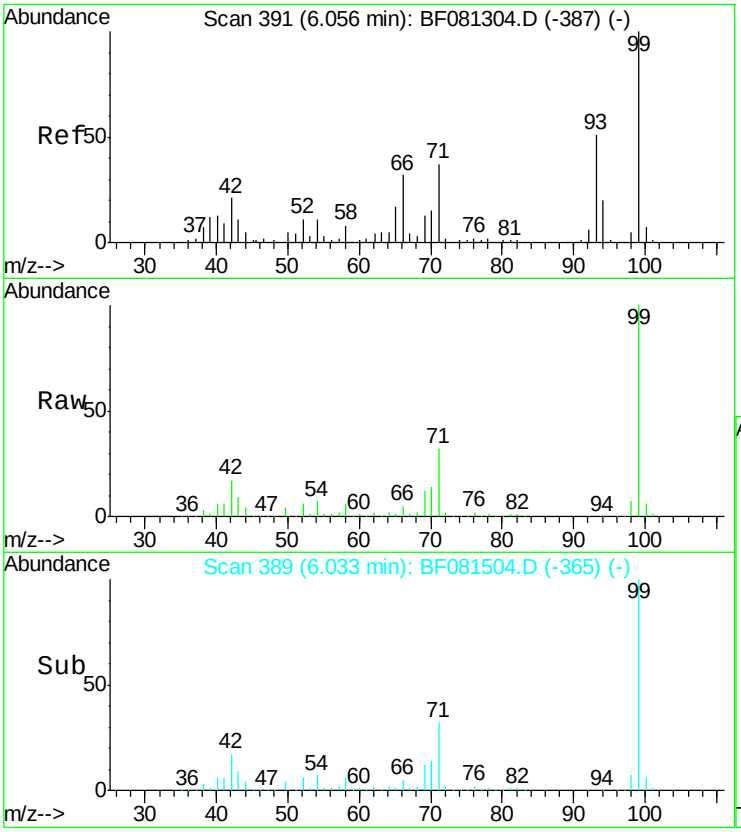


#5
2-Fluorophenol
Concen: 109.25 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:112 Resp: 353916

Ion	Ratio	Lower	Upper
112	100		
64	83.2	39.7	59.5#
63	44.8	17.4	26.0#



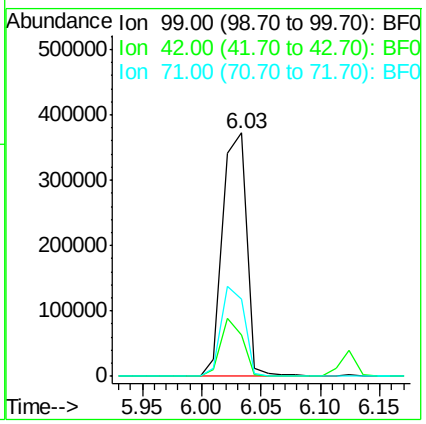


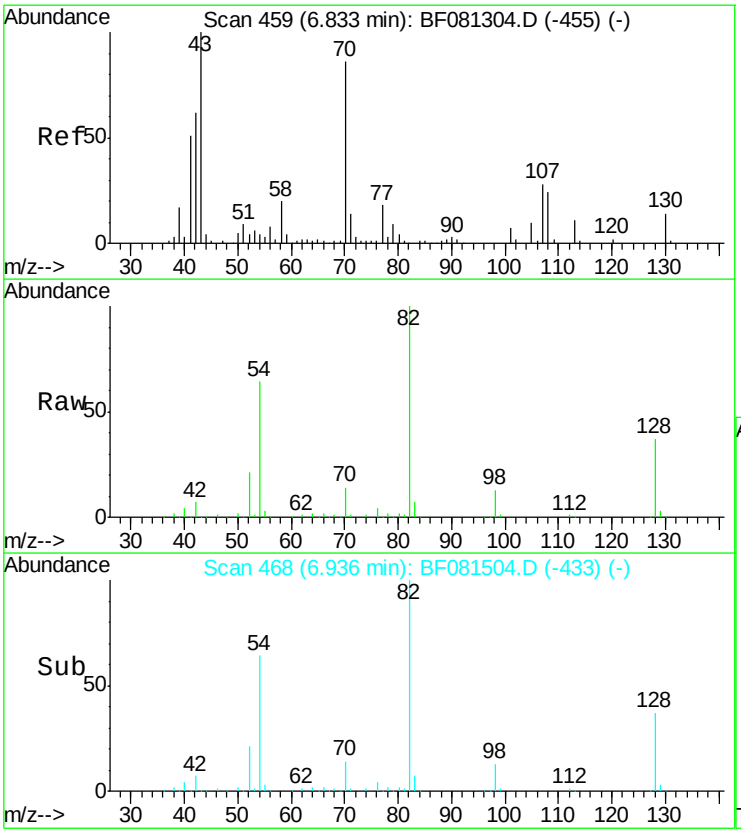
#7
Phenol-d6
Concen: 122.23 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 524131

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	32.0	14.2	21.2#

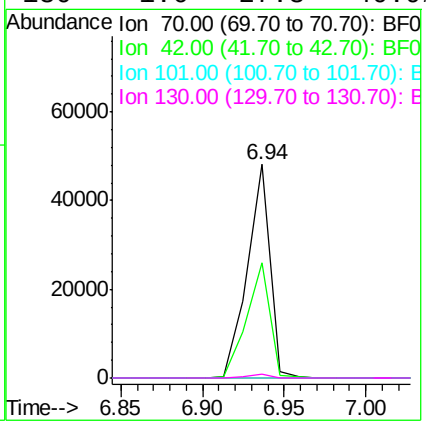


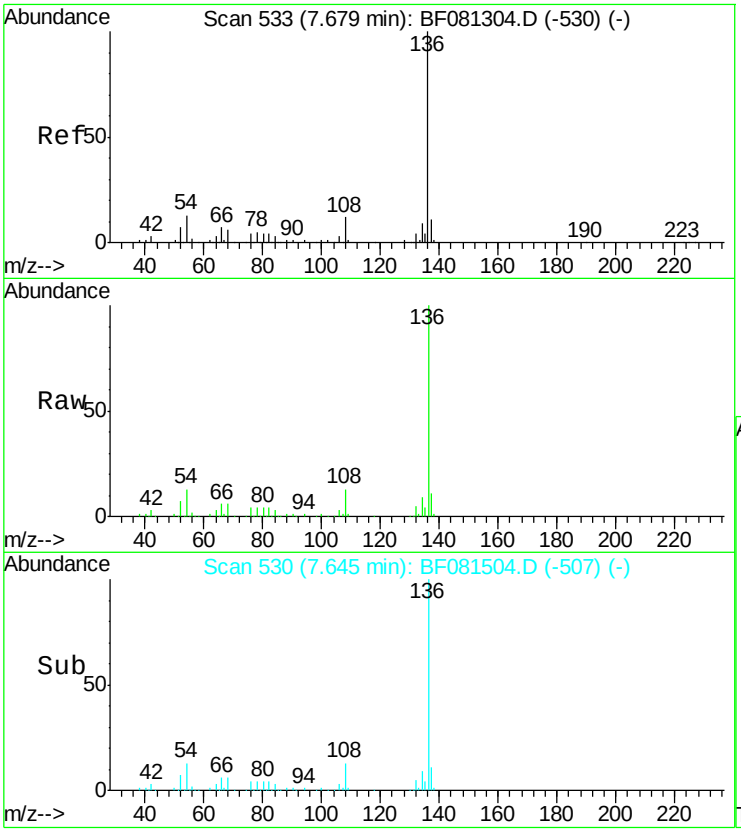


#19
n-Nitroso-di-n-propylamine
Concen: 15.91 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion: 70 Resp: 46443

Ion	Ratio	Lower	Upper
70	100		
42	54.2	63.8	95.6#
101	0.0	9.2	13.8#
130	1.6	27.3	40.9#



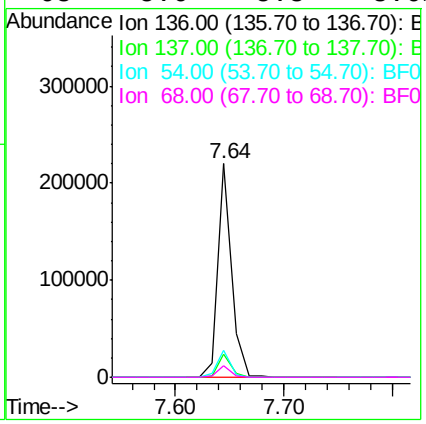


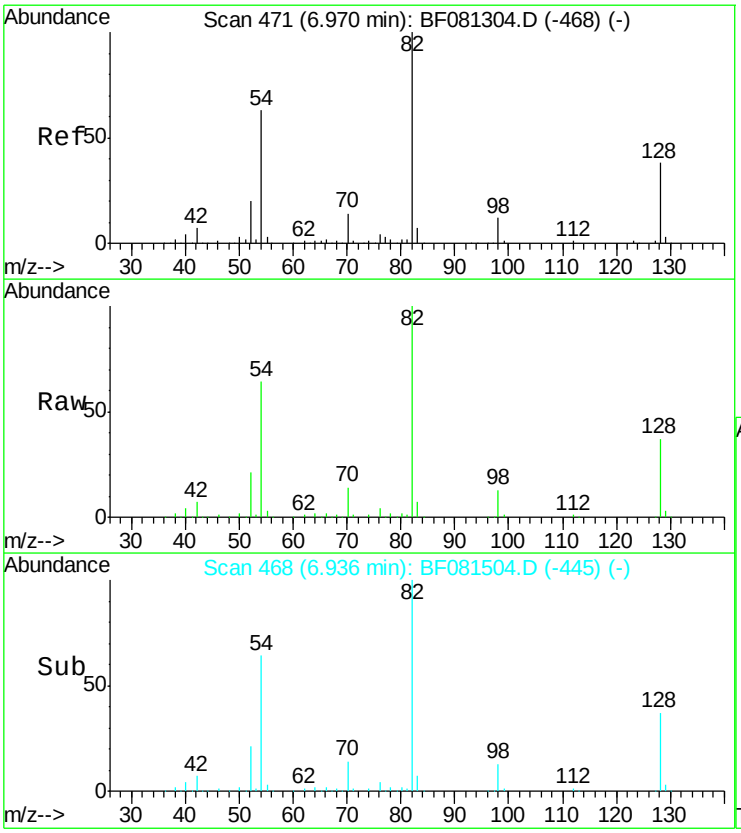
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 194072

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	12.8	8.2	12.2#
68	5.6	5.8	8.6#

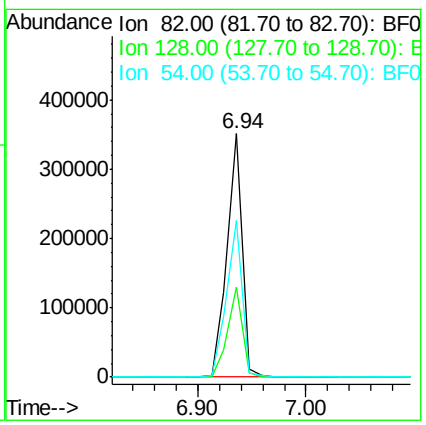


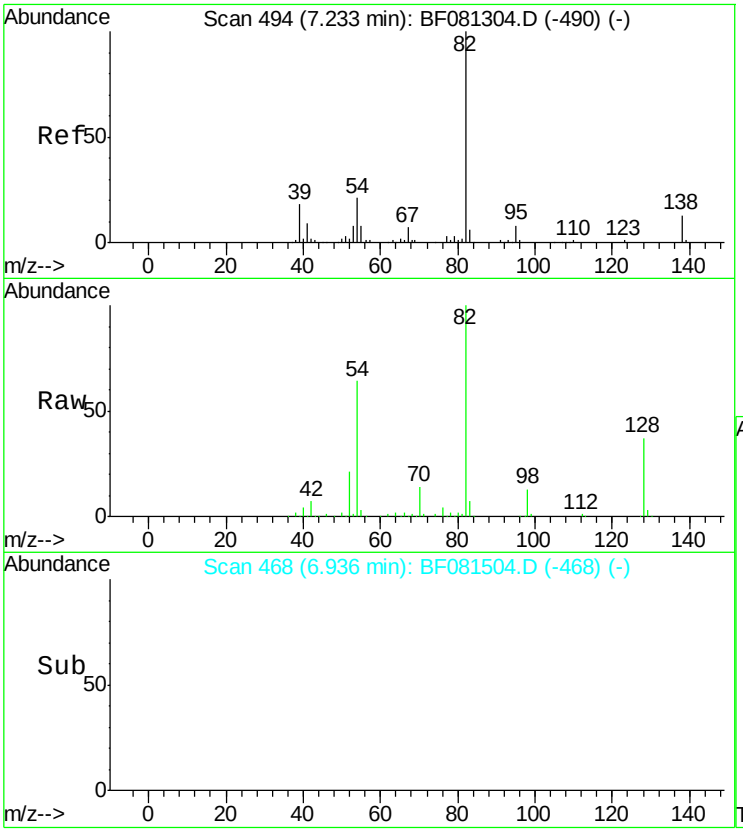


#23
Nitrobenzene-d5
Concen: 84.22 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion: 82 Resp: 338769

Ion	Ratio	Lower	Upper
82	100		
128	37.1	51.0	76.6#
54	64.2	47.5	71.3



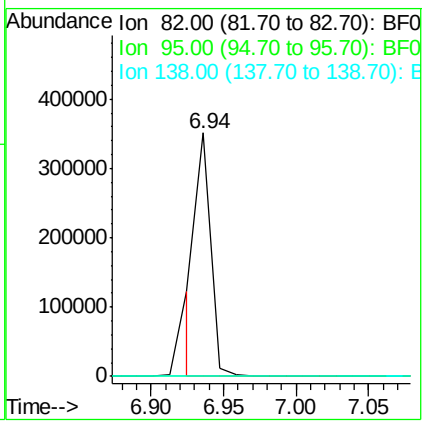


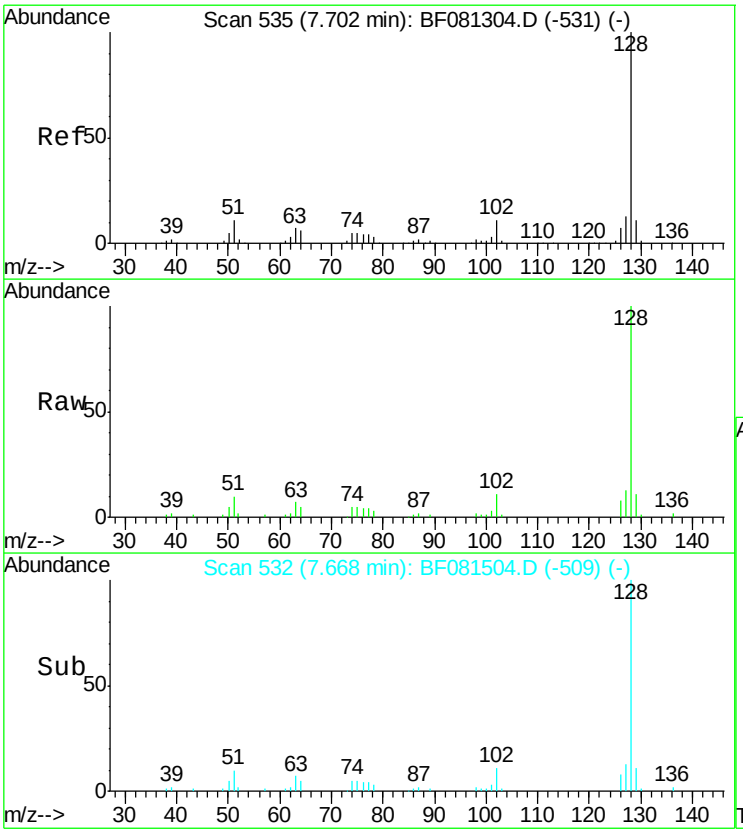
#25
Isophorone
Concen: 33.87 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 253436

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

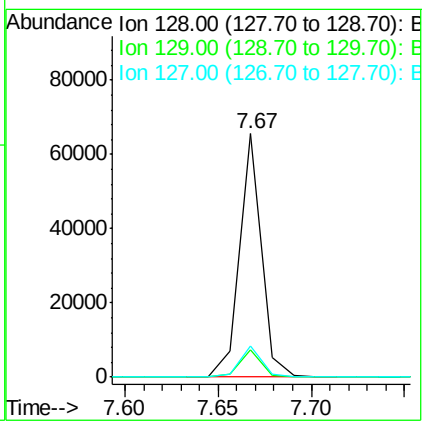


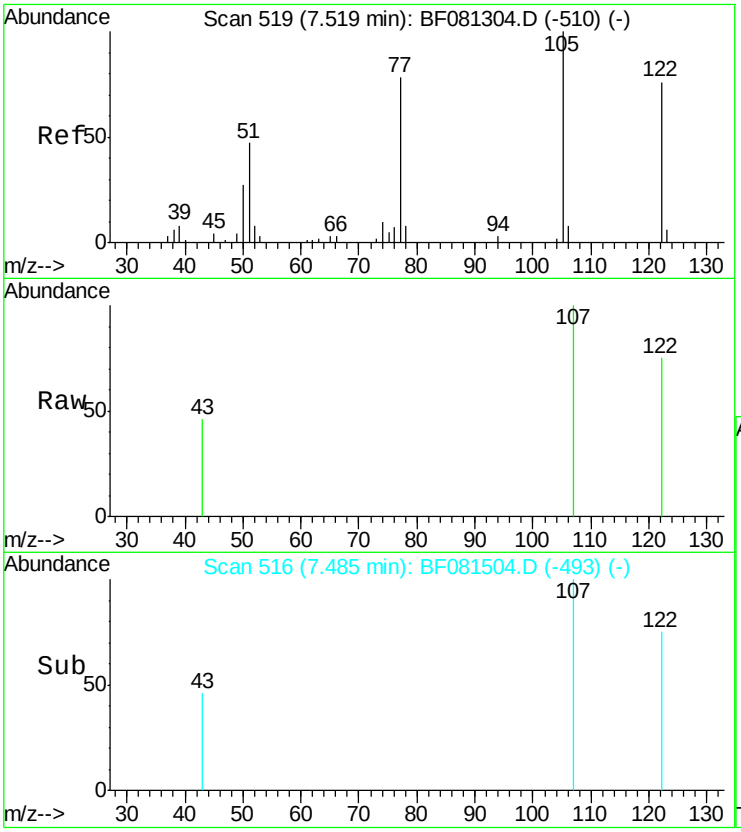


#31
Naphthalene
Concen: 5.19 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:128 Resp: 53752

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	12.7	9.9	14.9



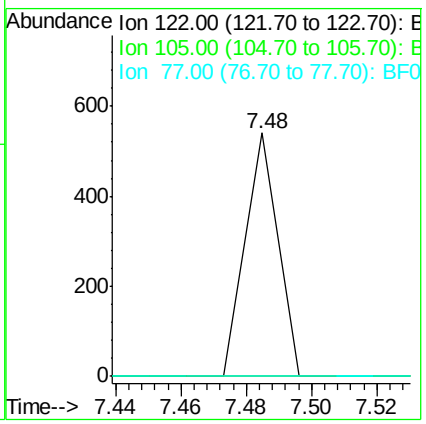


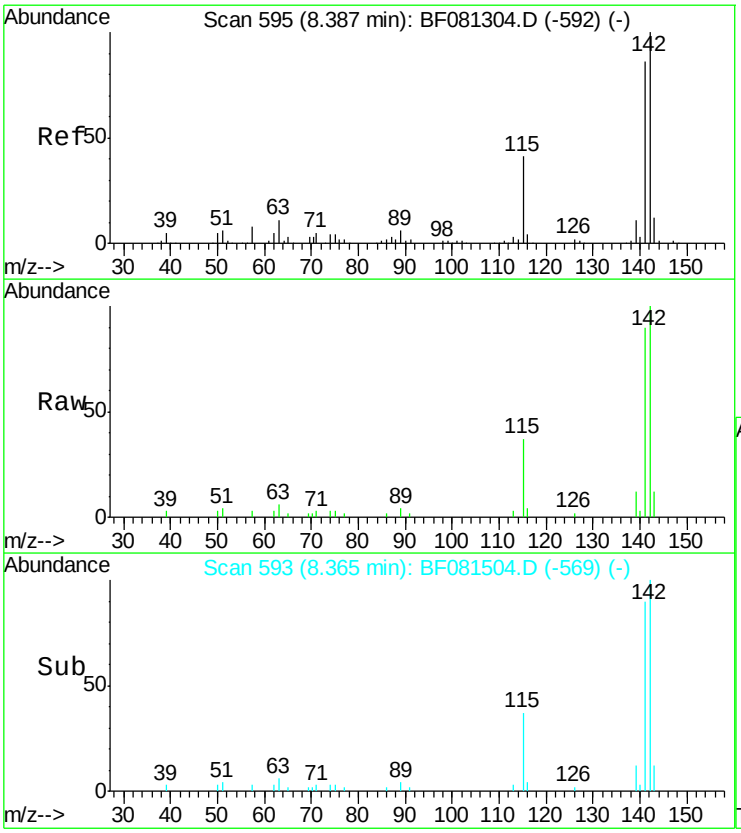
#32
Benzoic acid
Concen: 2.70 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:122 Resp: 371

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	0.0	40.5	80.5#

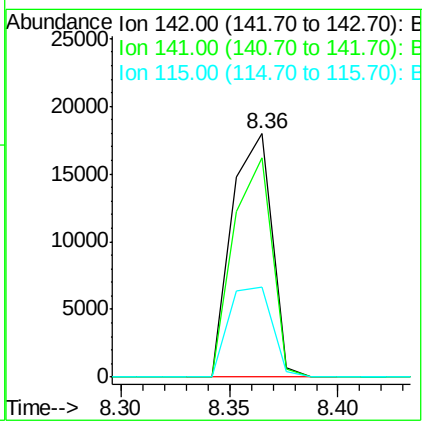


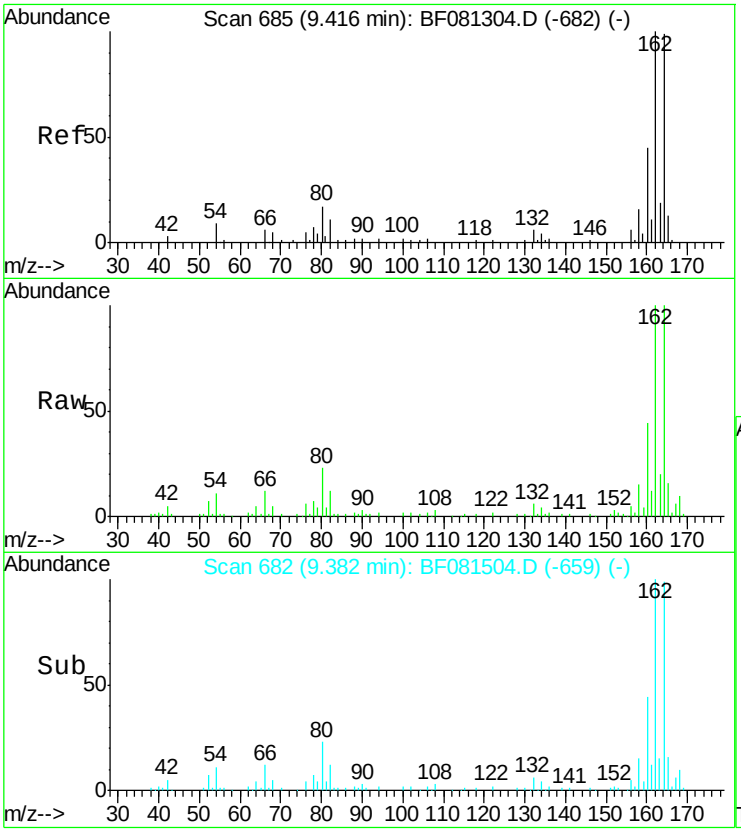


#37
2-Methylnaphthalene
Concen: 3.41 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:142 Resp: 22960

Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.5	101.3
115	36.9	18.2	27.2#



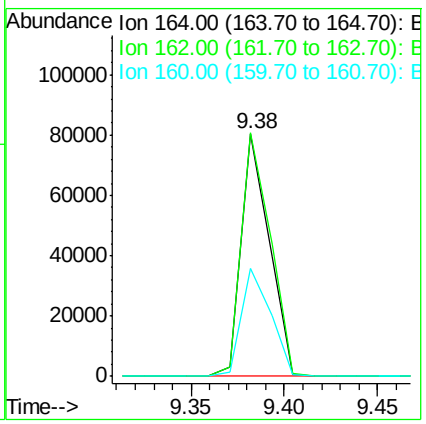


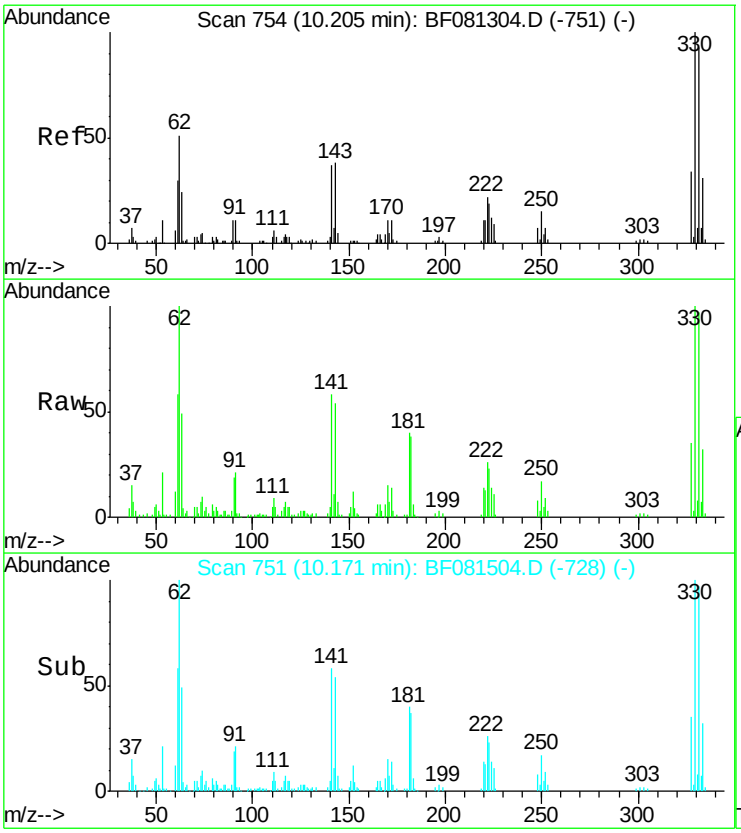
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:164 Resp: 84926

Ion	Ratio	Lower	Upper
164	100		
162	100.5	75.2	112.8
160	44.6	31.5	47.3

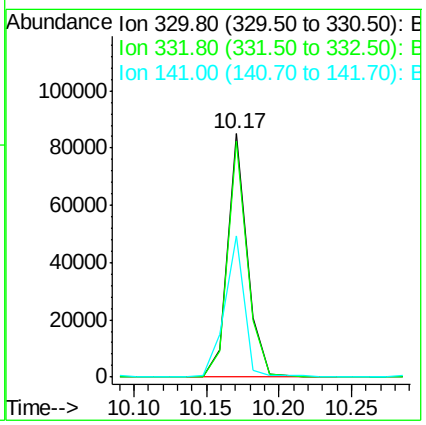


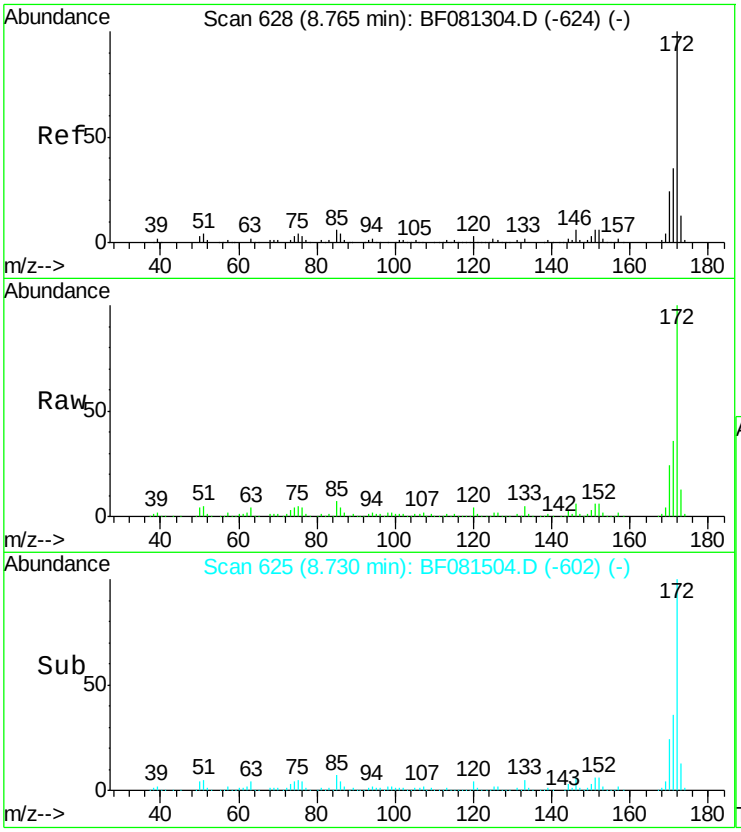


#41
2,4,6-Tribromophenol
Concen: 106.39 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:330 Resp: 80447

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	58.5	29.7	44.5#



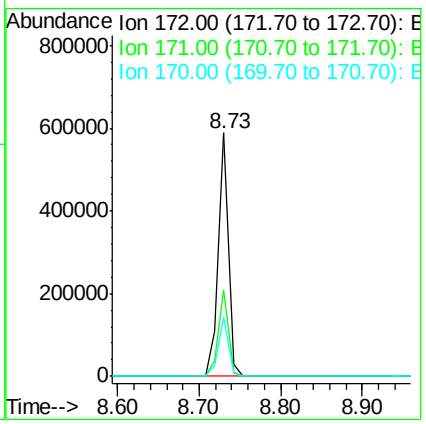


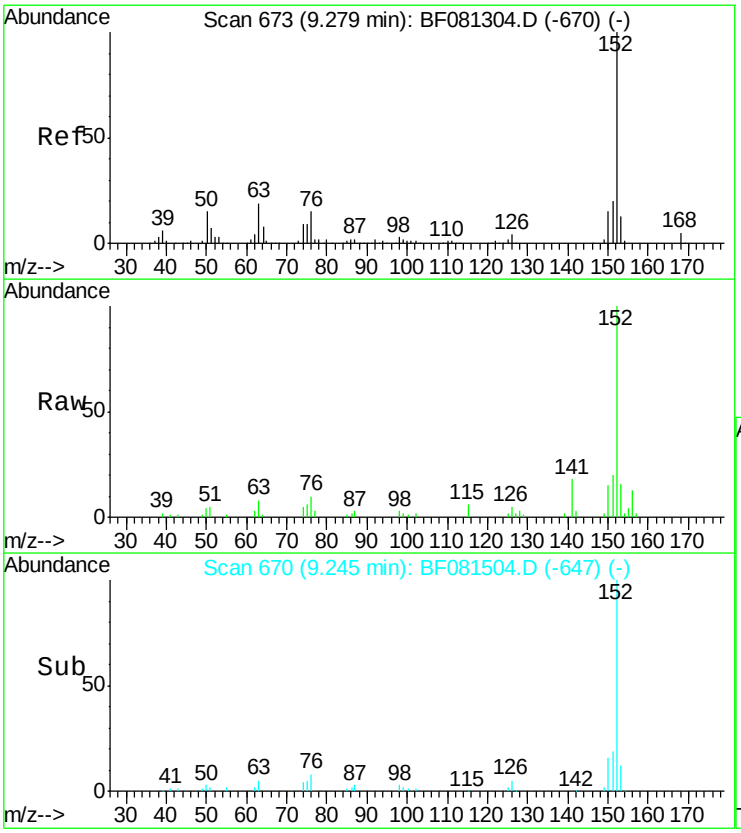
#44
2-Fluorobiphenyl
Concen: 76.34 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:172 Resp: 505950

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.3	17.4	26.2

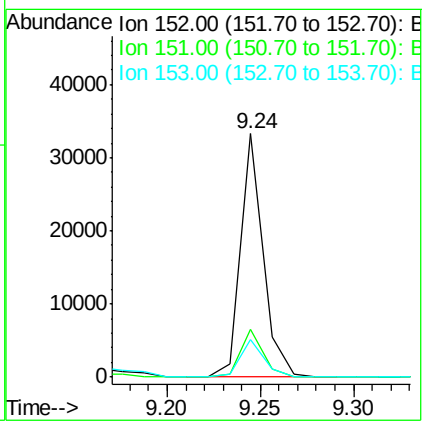


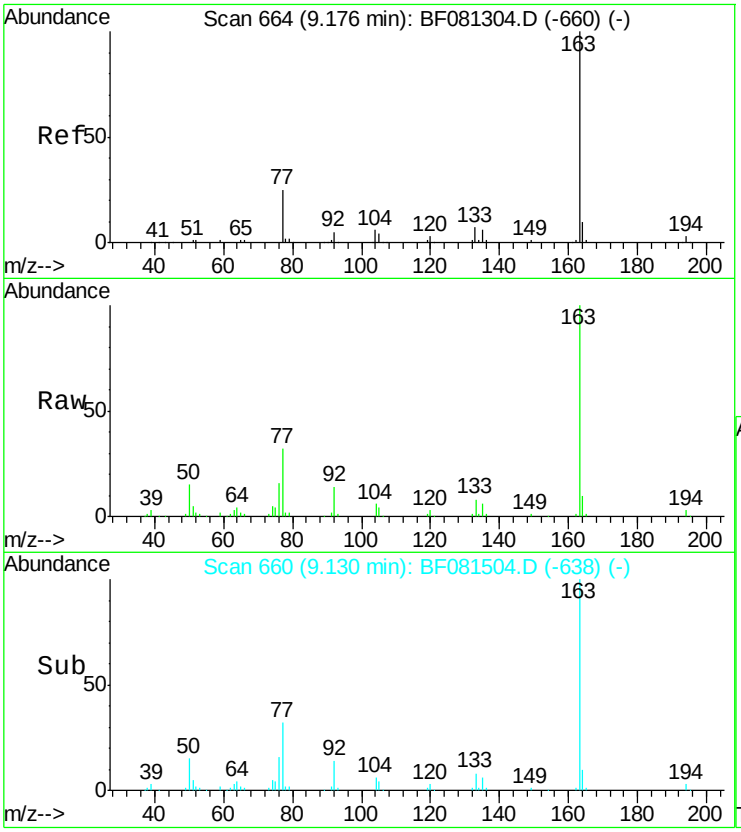


#48
Acenaphthylene
Concen: 2.81 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:152 Resp: 28098

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.6	22.0
153	15.5	10.3	15.5#



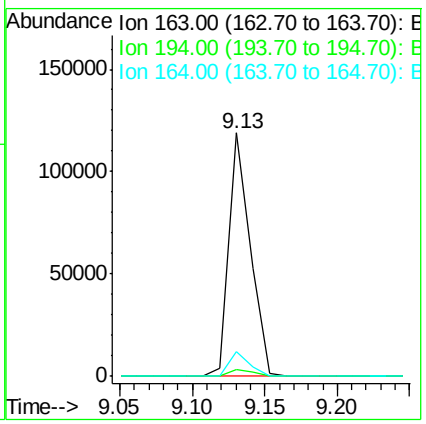


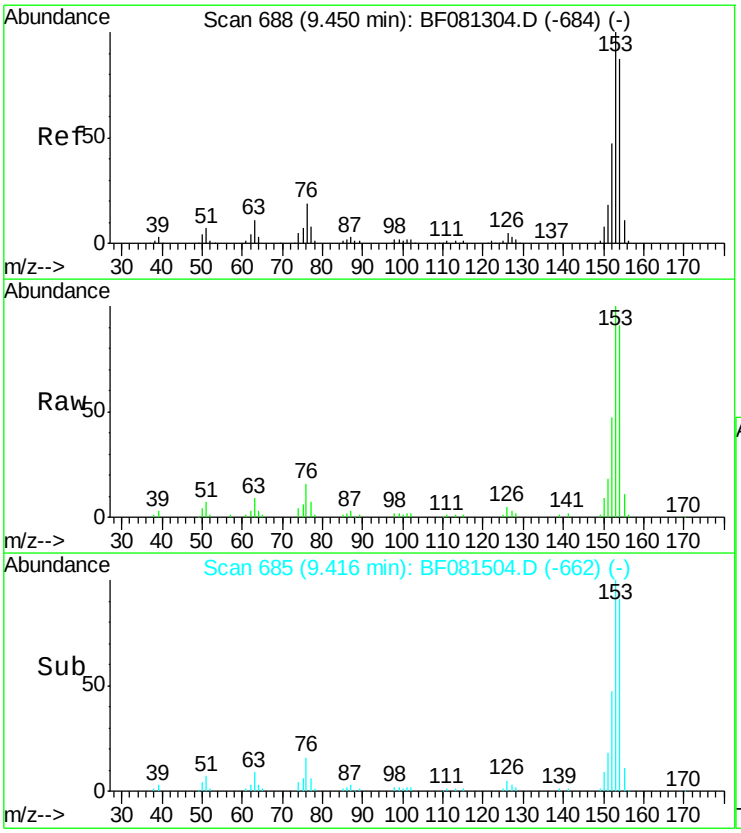
#49
Dimethylphthalate
Concen: 18.54 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:163 Resp: 122321

Ion	Ratio	Lower	Upper
163	100		
194	2.8	4.4	6.6#
164	10.4	8.3	12.5

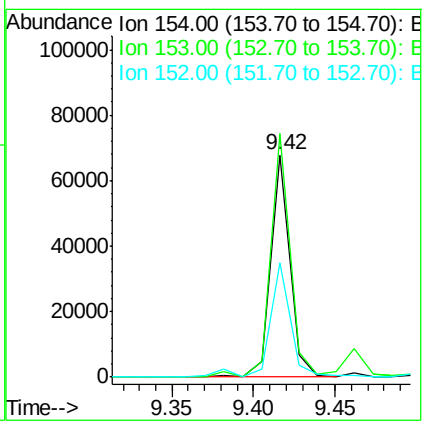


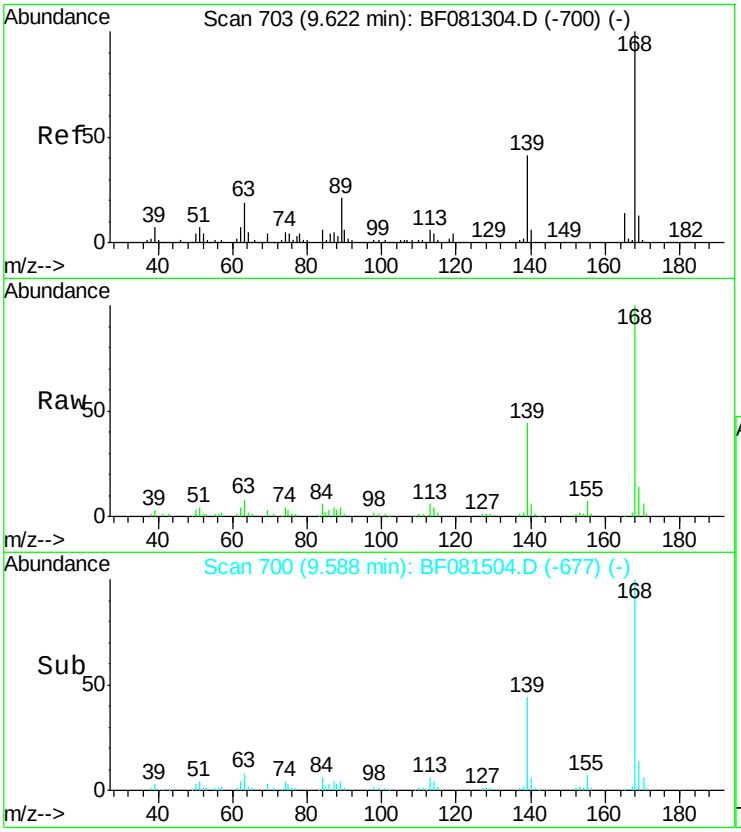


#51
Acenaphthene
Concen: 9.69 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:154 Resp: 55208

Ion	Ratio	Lower	Upper
154	100		
153	109.7	82.1	123.1
152	51.4	37.9	56.9



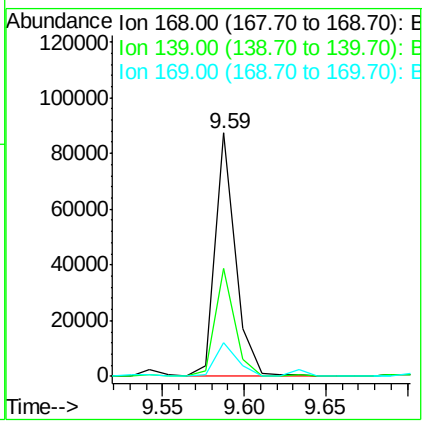


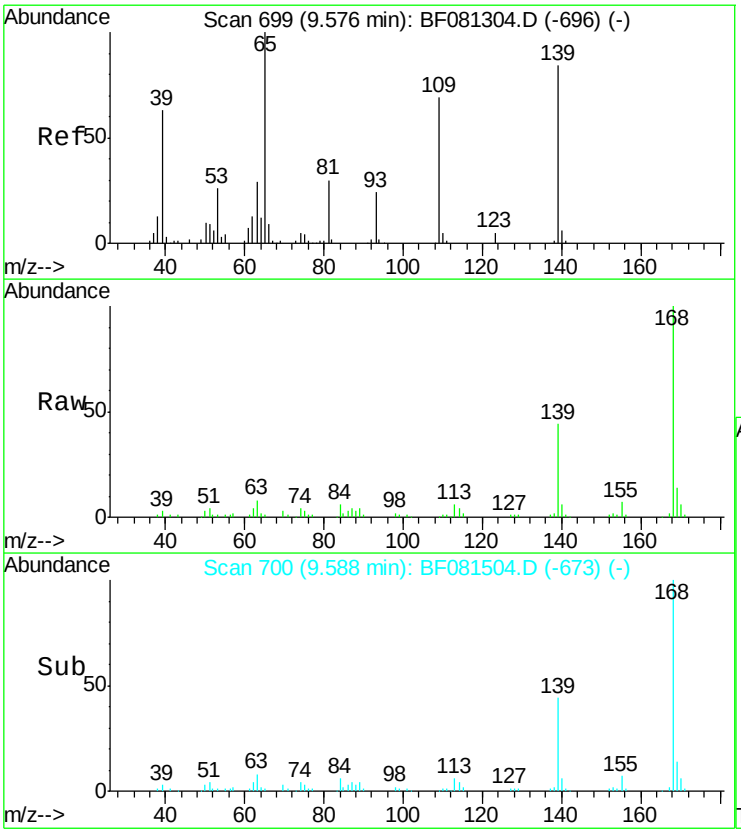
#54
Dibenzofuran
Concen: 9.09 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 75619

Ion	Ratio	Lower	Upper
168	100		
139	44.5	24.2	36.2#
169	13.9	10.6	15.8

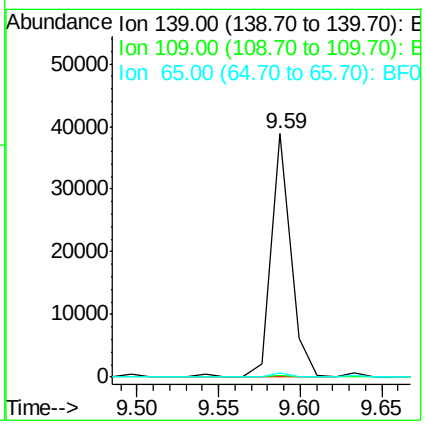


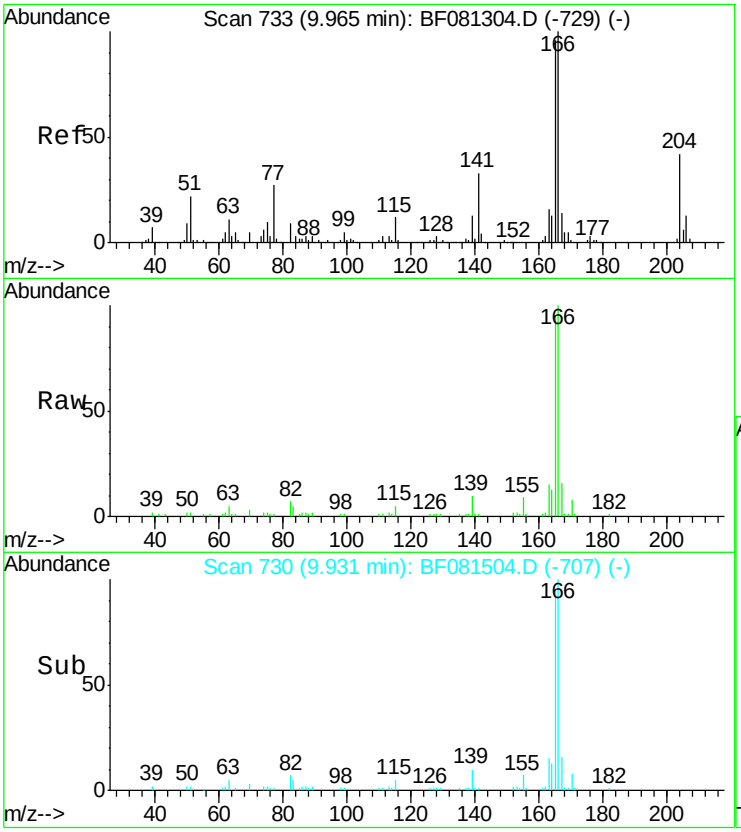


#55
4-Nitrophenol
Concen: 30.63 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:139 Resp: 32811

Ion	Ratio	Lower	Upper
139	100		
109	0.8	12.7	52.7#
65	2.0	45.9	85.9#



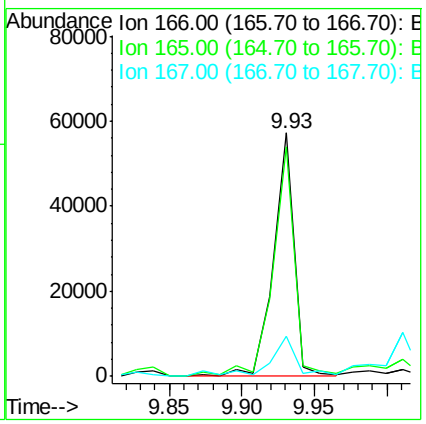


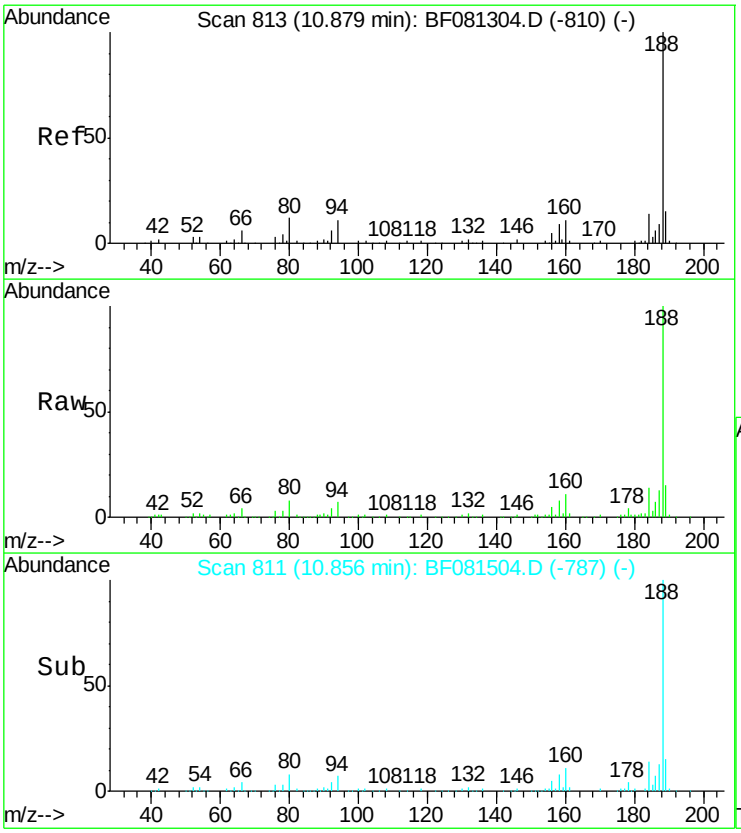
#57
Fluorene
Concen: 8.94 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:166 Resp: 56395

Ion	Ratio	Lower	Upper
166	100		
165	94.5	72.6	109.0
167	16.3	10.6	16.0#

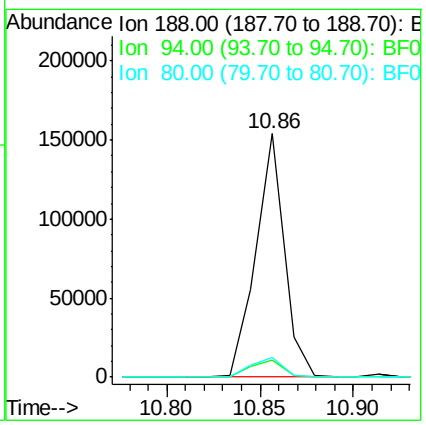


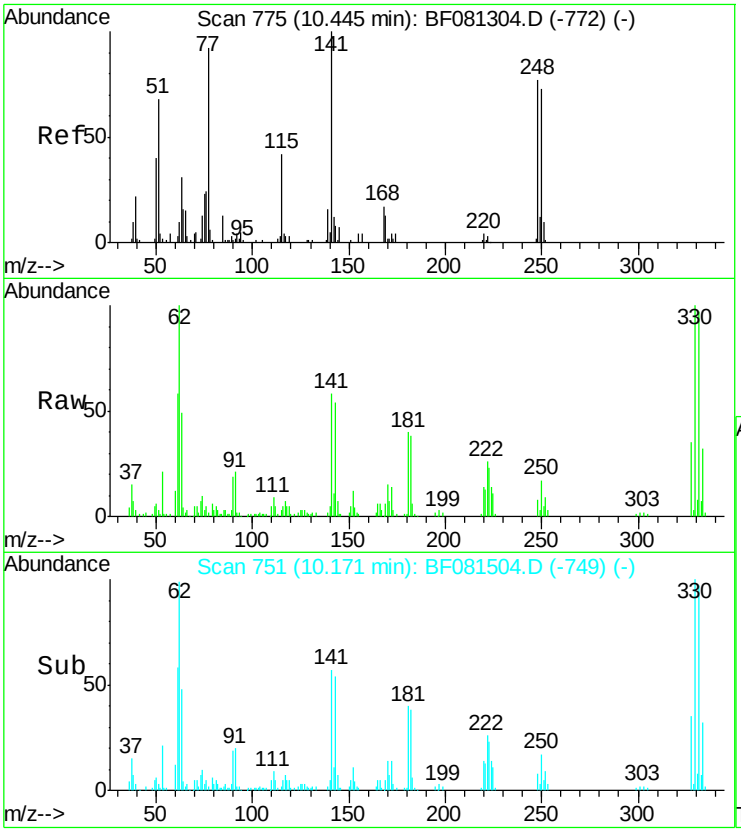


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:188 Resp: 162563

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	8.0	11.0	16.4#



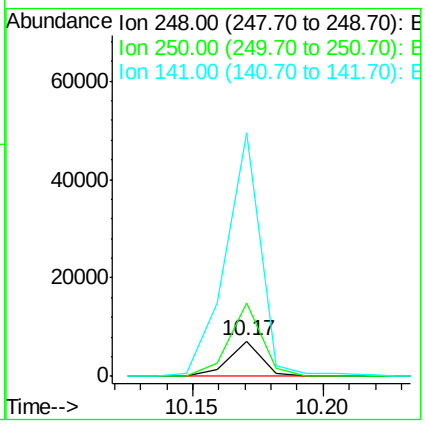


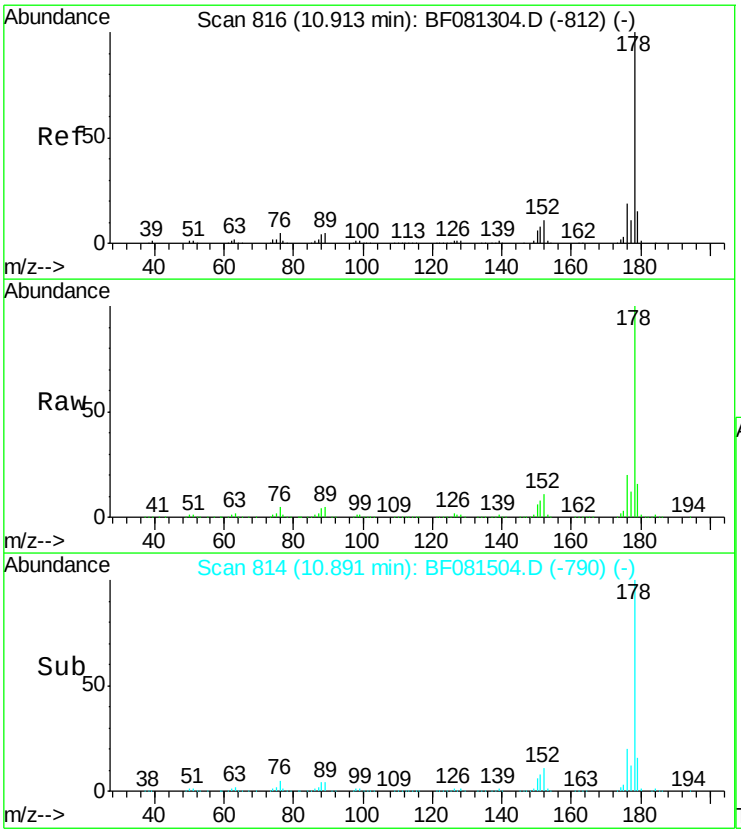
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:248 Resp: 6449

Ion	Ratio	Lower	Upper
248	100		
250	207.3	78.5	117.7#
141	689.9	59.0	88.6#

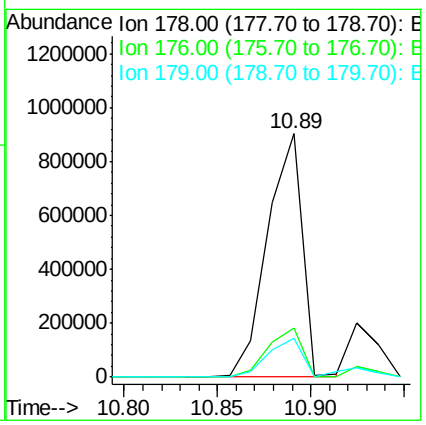


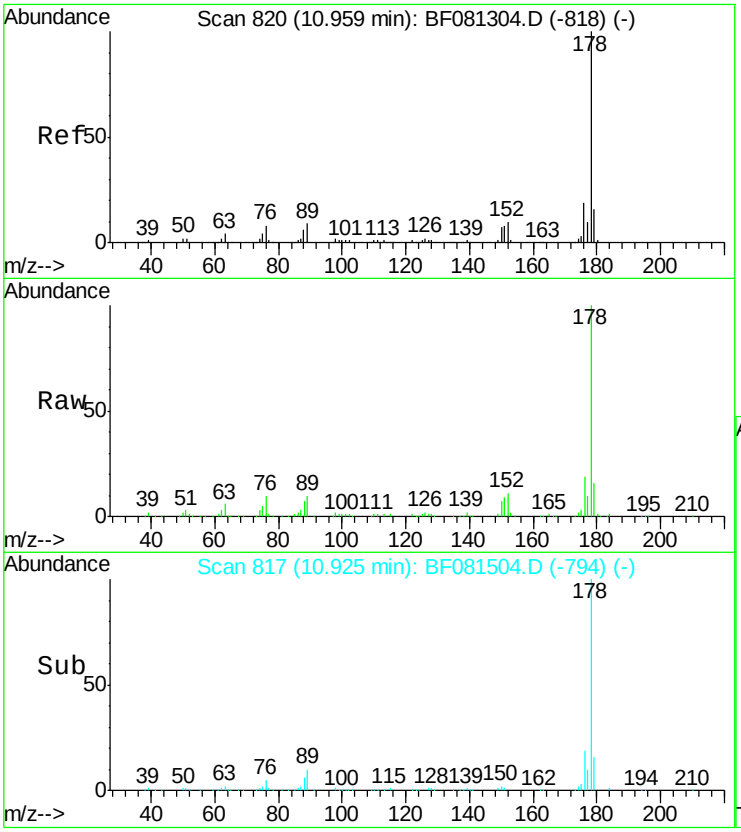


#70
Phenanthrene
Concen: 129.62 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:178 Resp: 1171438

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.7	12.2	18.2



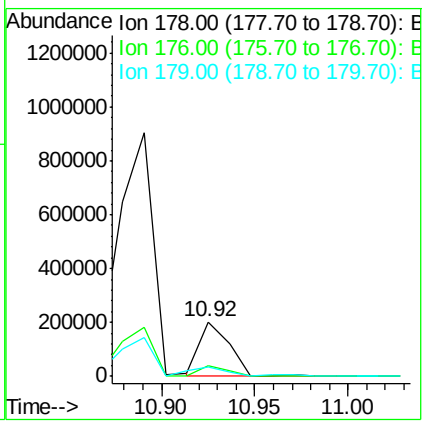


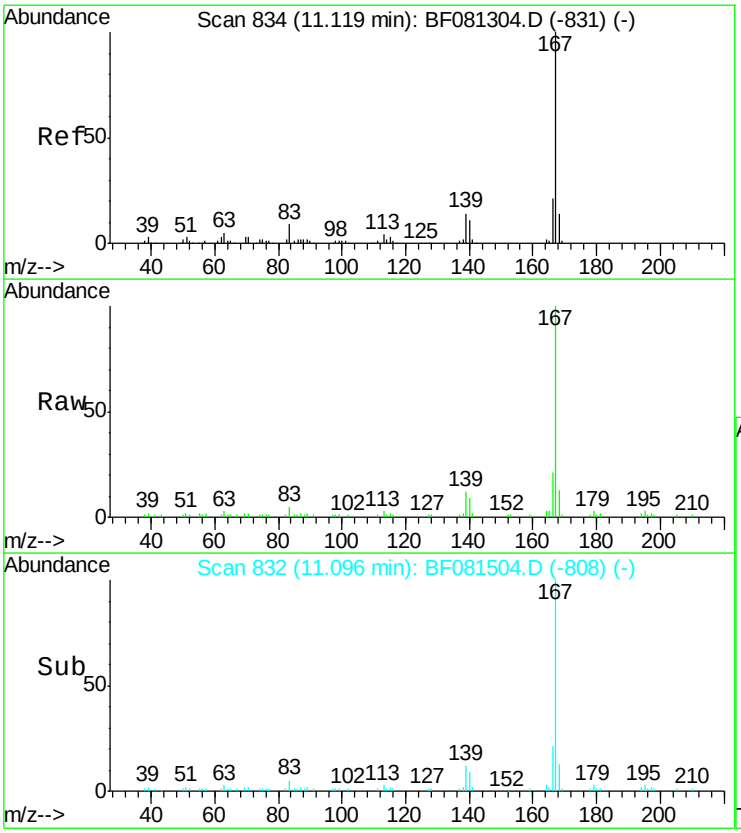
#71
Anthracene
Concen: 24.40 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:178 Resp: 226541

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	16.2	12.2	18.2

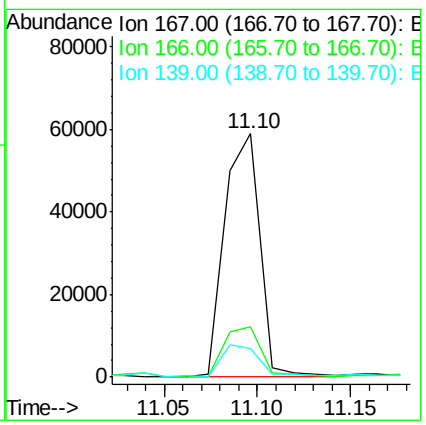


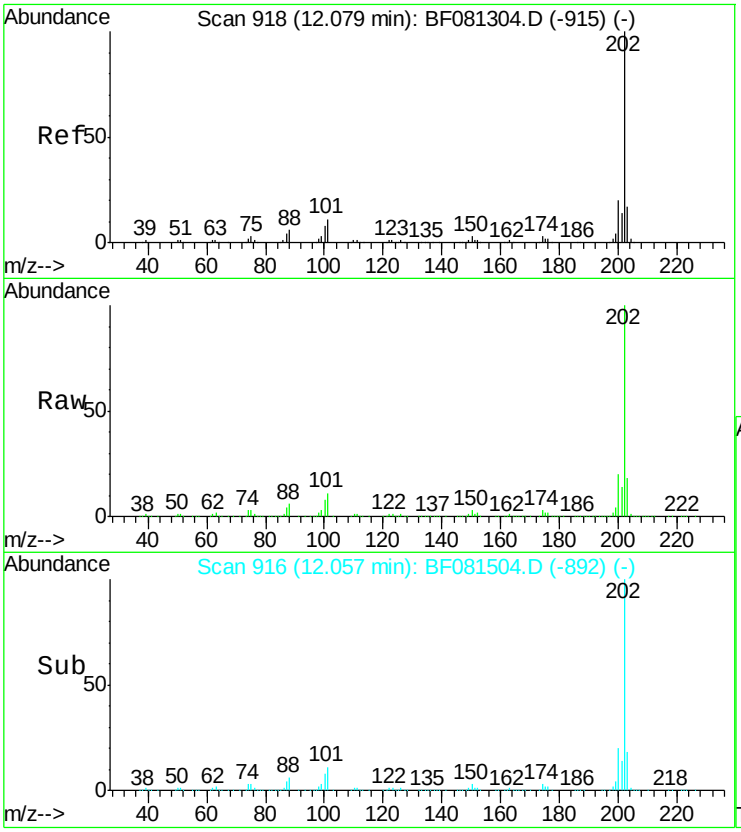


#72
Carbazole
Concen: 8.98 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:167 Resp: 78246

Ion	Ratio	Lower	Upper
167	100		
166	20.8	15.7	23.5
139	11.7	9.5	14.3



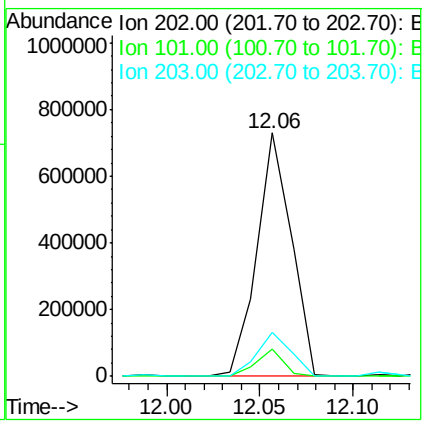


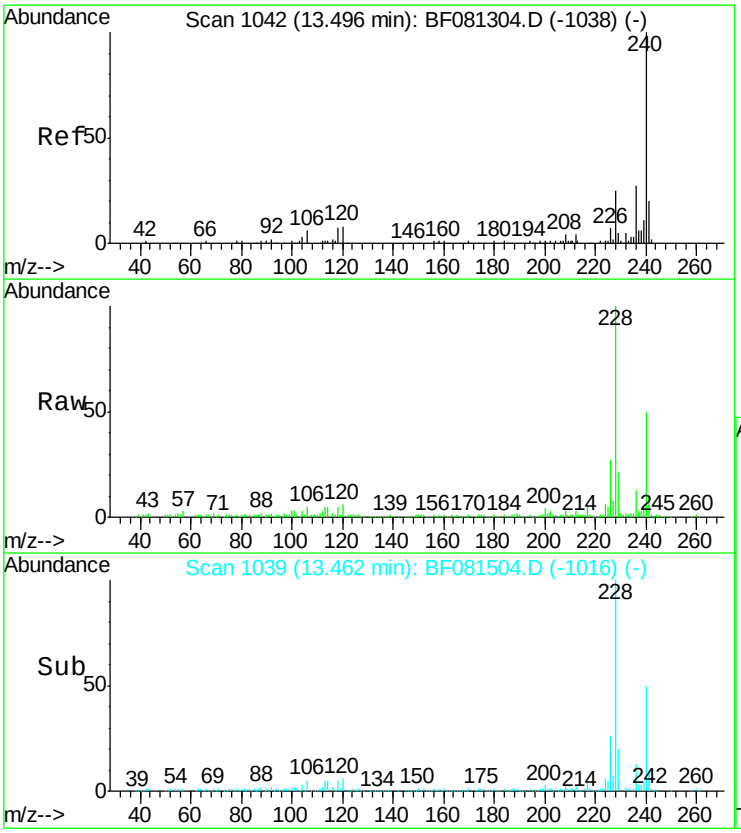
#74
Fluoranthene
Concen: 94.67 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:202 Resp: 926220

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	38.3
203	18.1	0.0	37.3

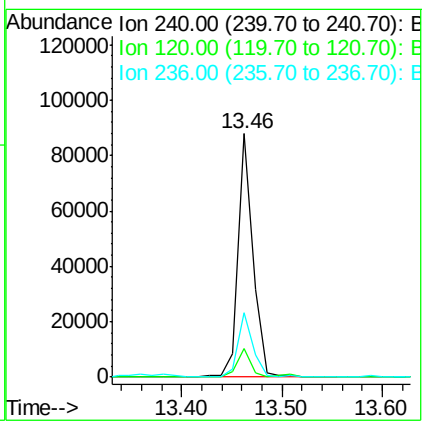


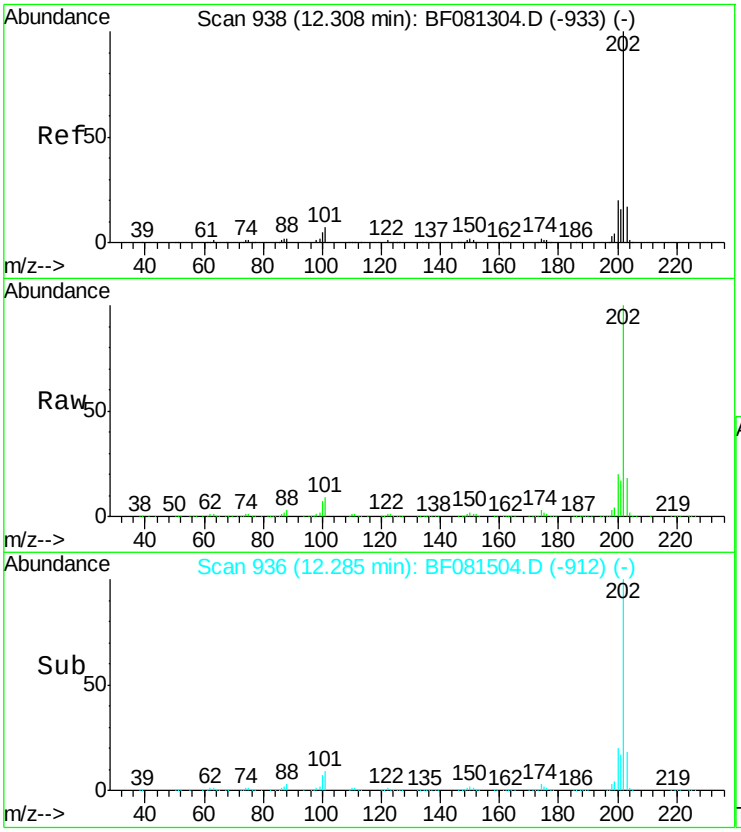


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:240 Resp: 90559

Ion	Ratio	Lower	Upper
240	100		
120	11.7	16.2	24.2#
236	26.5	18.4	27.6



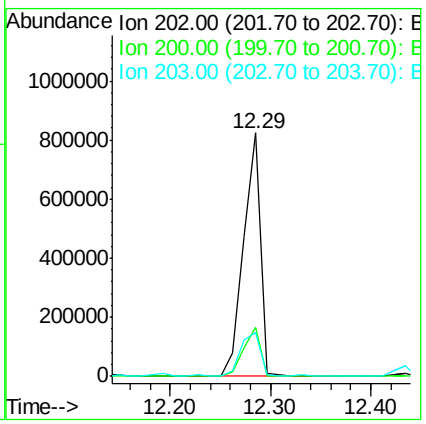


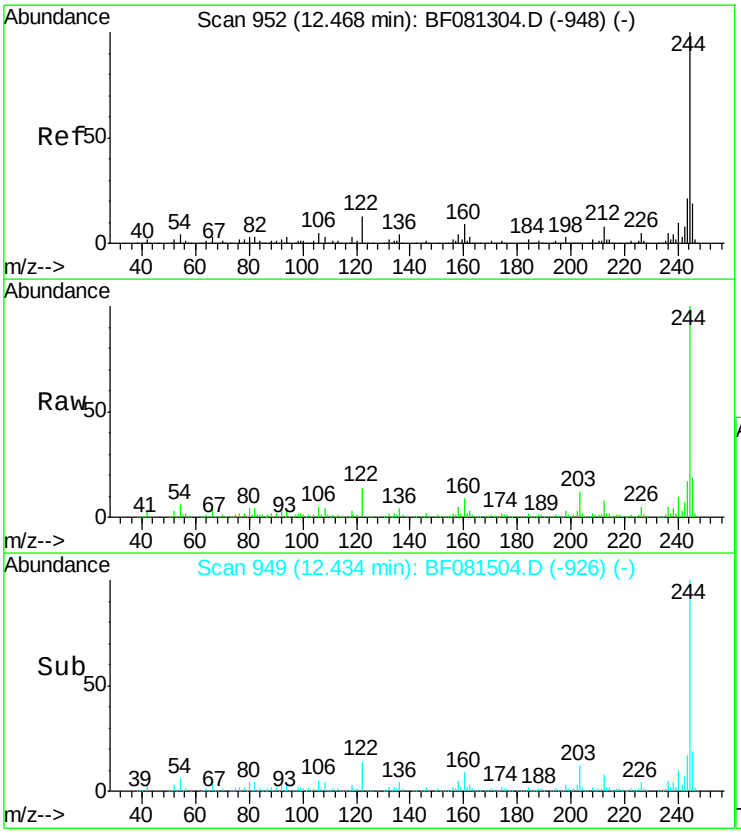
#77
Pyrene
Concen: 142.57 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:202 Resp: 956357

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.9	14.1	21.1

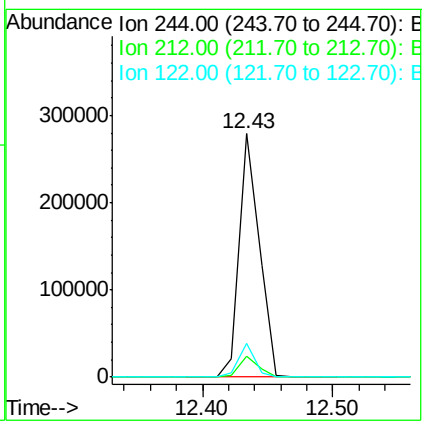


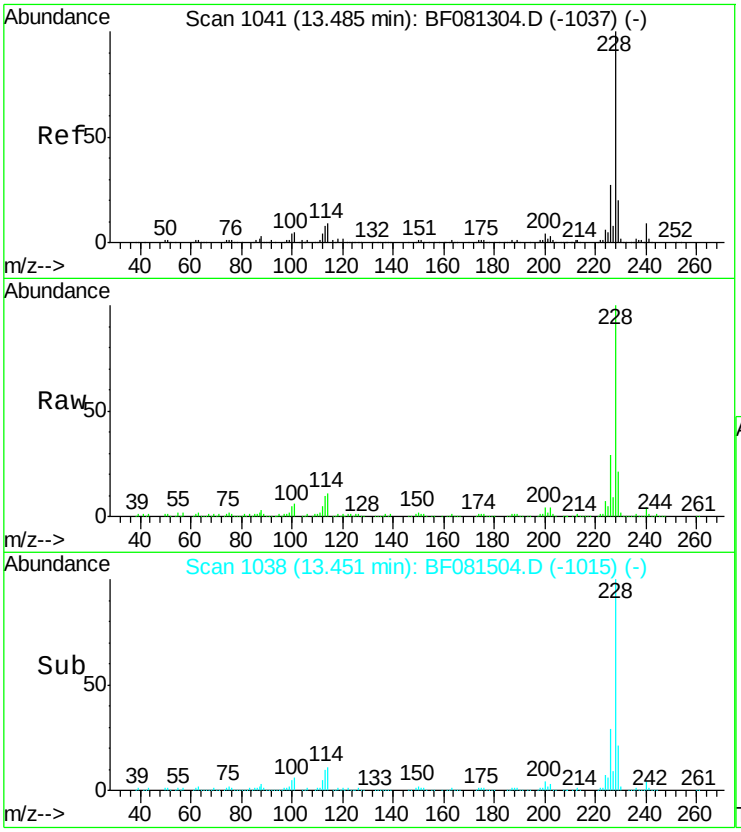


#78
Terphenyl-d14
Concen: 76.11 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:244 Resp: 296071

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	13.8	17.4	26.2#



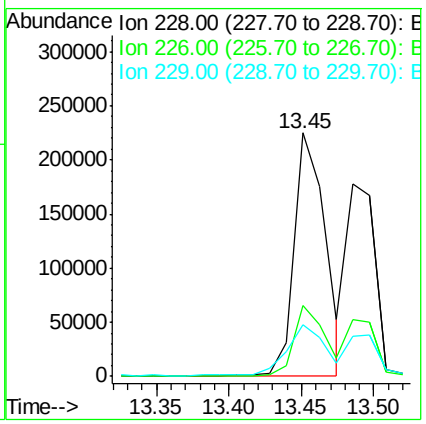


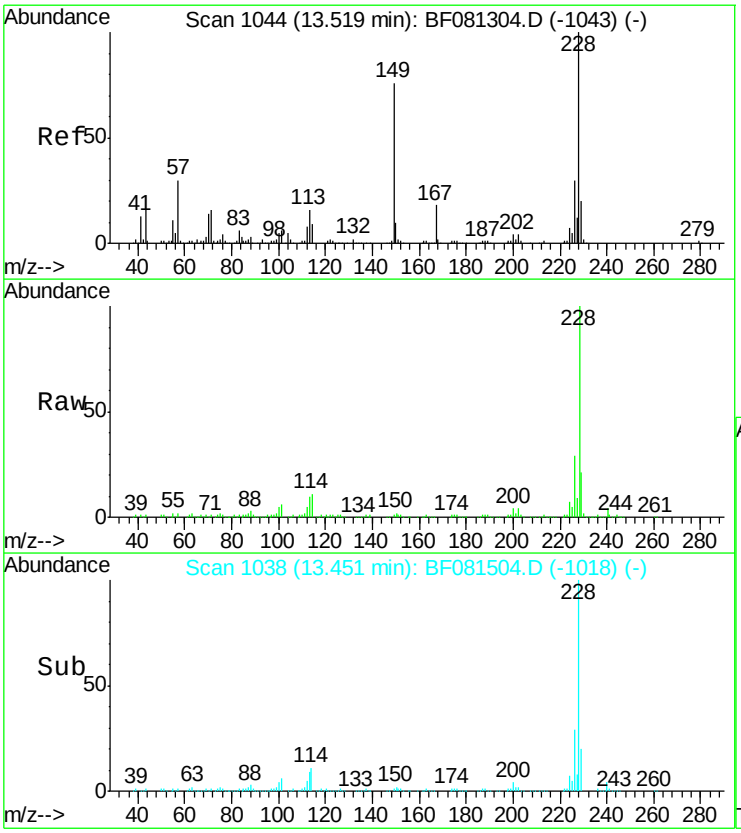
#80
Benzo(a)anthracene
Concen: 57.94 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:228 Resp: 334164

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.0	30.0
229	21.4	15.4	23.2

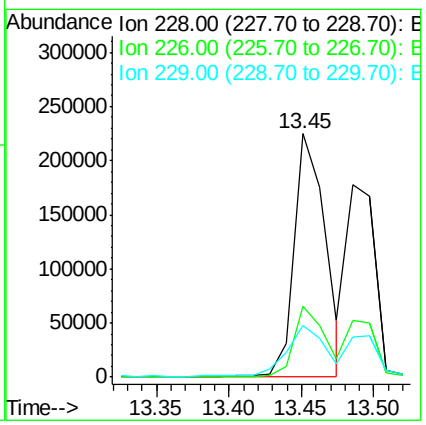


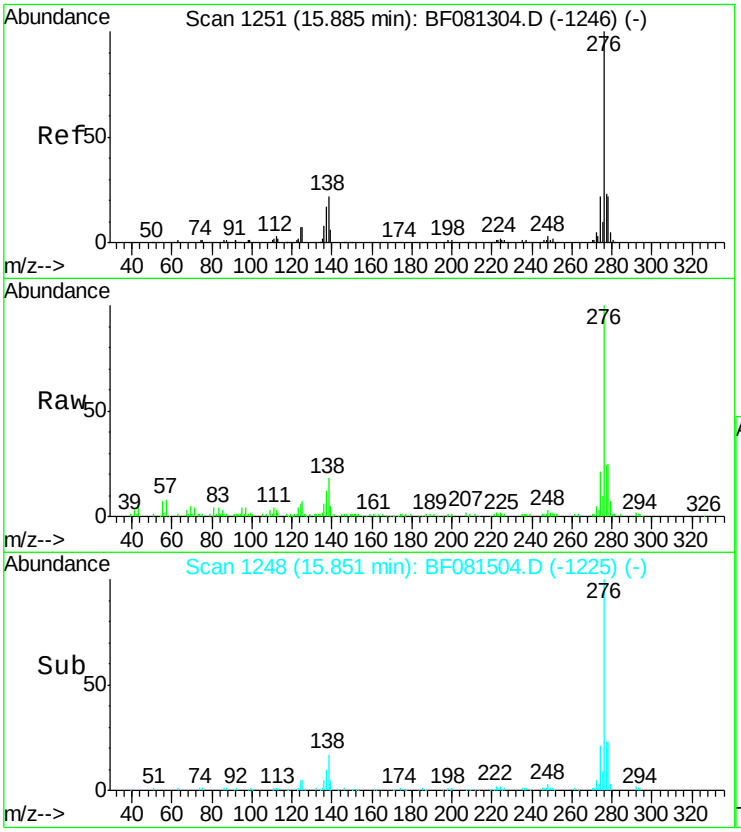


#82
Chrysene
Concen: 64.64 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:228 Resp: 334164

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	21.4	15.6	23.4



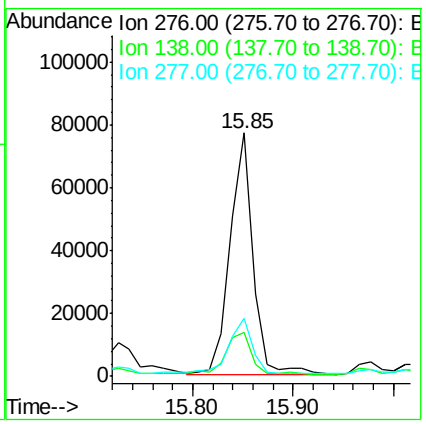


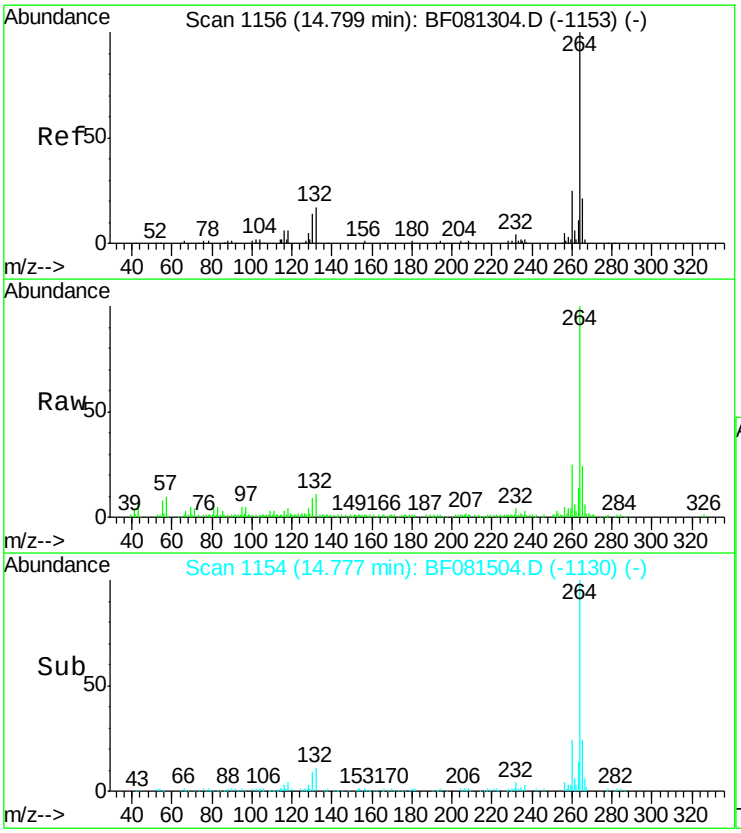
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.59 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:276 Resp: 123626

Ion	Ratio	Lower	Upper
276	100		
138	20.0	25.7	38.5#
277	26.7	15.6	23.4#

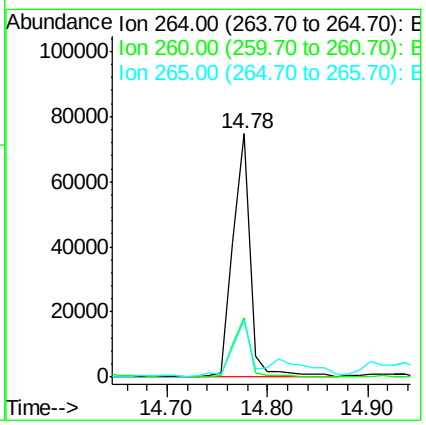


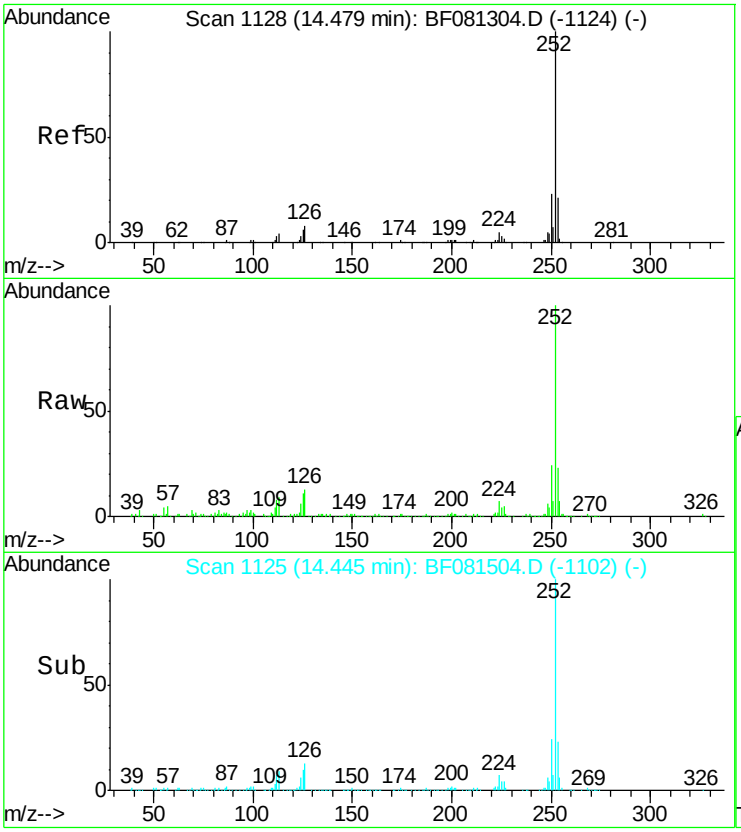


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:264 Resp: 90793

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	23.6	17.2	25.8



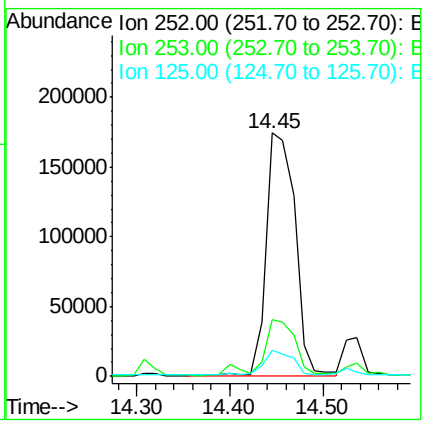


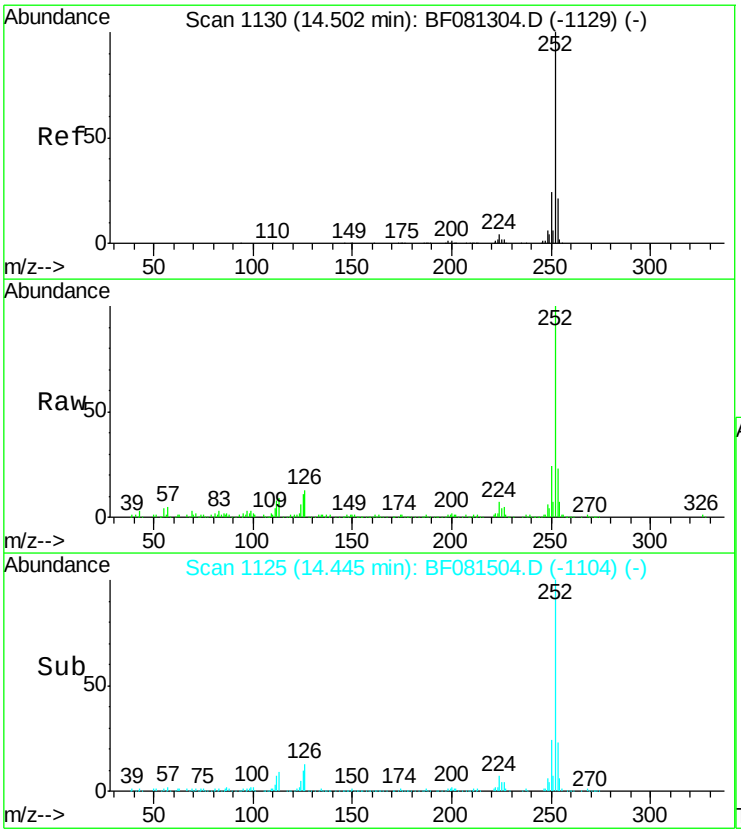
#87
Benzo(b)fluoranthene
Concen: 57.63 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 373539

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.8	17.1	25.7#

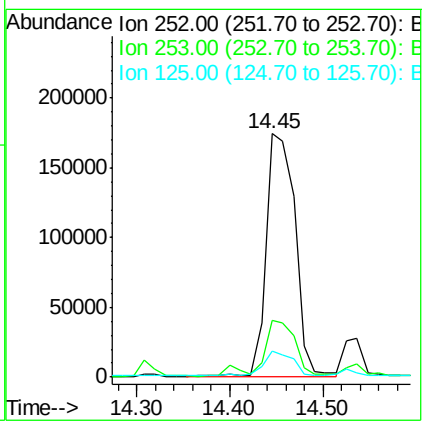


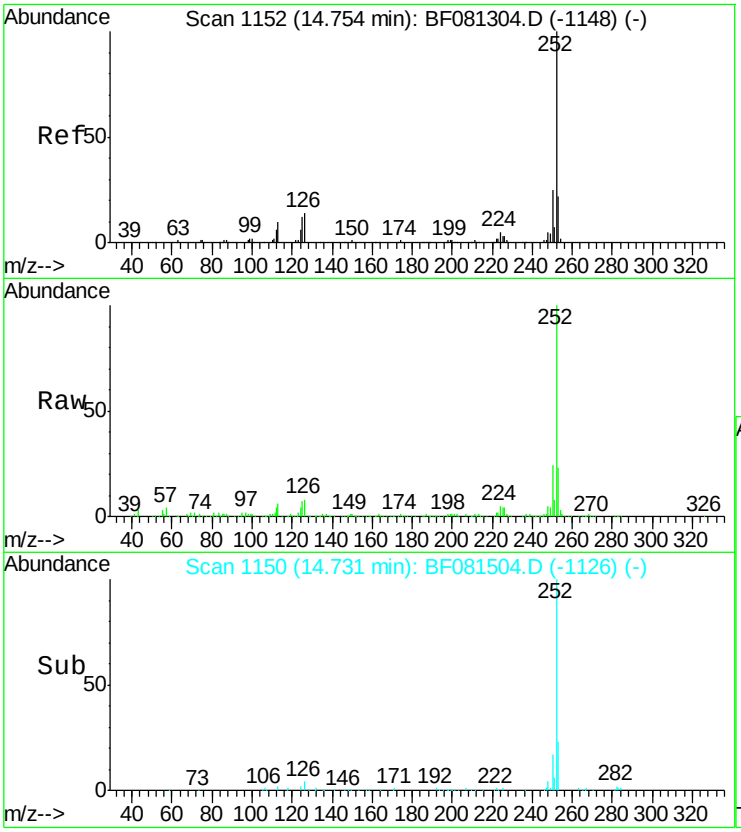


#88
Benzo(k)fluoranthene
Concen: 69.45 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:252 Resp: 373539

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	10.8	16.0	24.0#



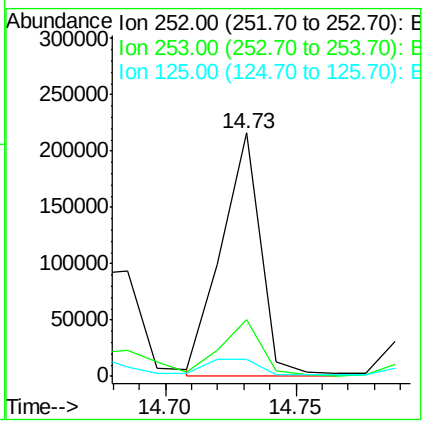


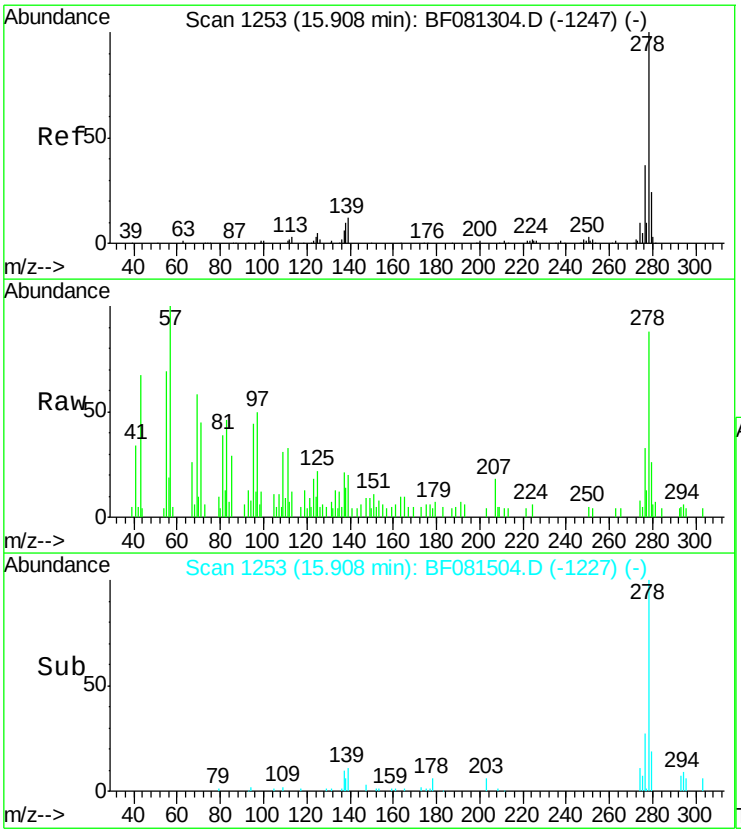
#89
Benzo(a)pyrene
Concen: 41.22 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 226385

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	7.1	18.0	27.0#

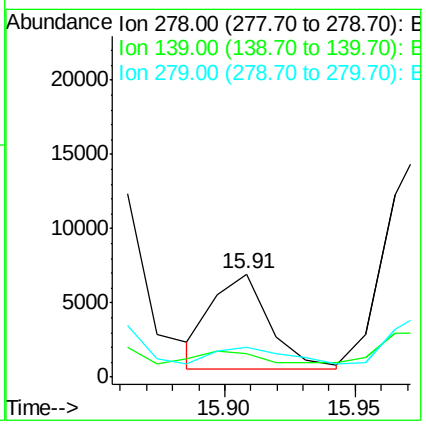


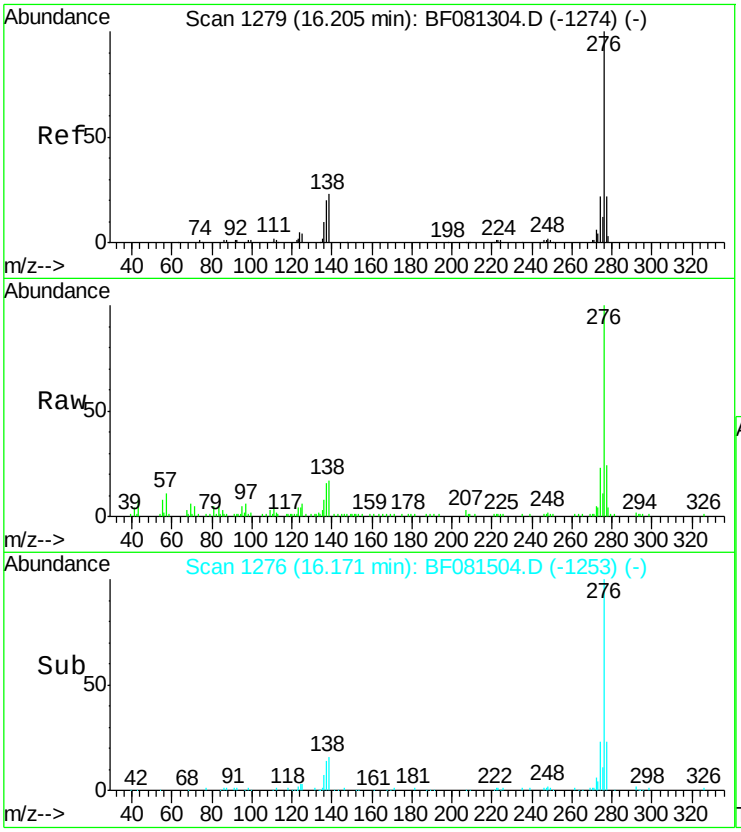


#90
Dibenzo(a,h)anthracene
Concen: 2.34 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Tgt Ion:278 Resp: 9948

Ion	Ratio	Lower	Upper
278	100		
139	22.3	26.3	39.5#
279	29.1	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 26.54 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF081504.D
Acq: 6 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:276 Resp: 107522

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	16.9	34.6	51.8#