Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081590.D
Acq On : 11 Sep 2015 18:42
Operator : UM/IZ
Sample : G3511-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01(0-0.16)

Quant Time: Sep 14 05:50:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 23:14:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	53782	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	217342	20.00	ng		-0.01
38) Acenaphthene-d10	15.28	164	100197	20.00	ng		-0.01
63) Phenanthrene-d10	18.79	188	187441	20.00	ng		0.00
75) Chrysene-d12	23.40	240	113503	20.00	ng		-0.01
86) Perylene-d12	24.84	264	104227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	365893	105.55	ng		0.02
7) Phenol-d6	7.67	99	511840	111.55	ng		-0.01
23) Nitrobenzene-d5	9.54	82	337571	74.94	ng		-0.01
41) 2,4,6-Tribromophenol	17.19	330	94201	105.59	ng		-0.01
44) 2-Fluorobiphenyl	13.80	172	554153	70.87	ng		-0.01
78) Terphenyl-d14	22.13	244	408022	83.68	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	14.93	152	40615	3.44	ng		95
49) Dimethylphthalate	14.85	163	140598	18.06	ng	#	96
70) Phenanthrene	18.84	178	151055	14.50	ng		97
71) Anthracene	18.96	178	31868	2.98	ng		99
74) Fluoranthene	21.45	202	322510	28.59	ng		88
77) Pyrene	21.80	202	274431	32.64	ng		97
80) Benzo(a)anthracene	23.38	228	134207	18.57	ng	#	88
82) Chrysene	23.43	228	118430	18.28	ng		92
83) Bis(2-ethylhexyl)phthalate	23.51	149	39852	8.26	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.89	276	78584m	16.53	ng		
87) Benzo(b)fluoranthene	24.49	252	207201m	27.85	ng		
88) Benzo(k)fluoranthene	24.52	252	15955m	2.58	ng		
89) Benzo(a)pyrene	24.79	252	115352	18.29	ng	#	81
90) Dibenzo(a,h)anthracene	25.90	278	20484m	4.20	ng		
91) Benzo(g,h,i)perylene	26.20	276	73136	15.73	ng	#	73

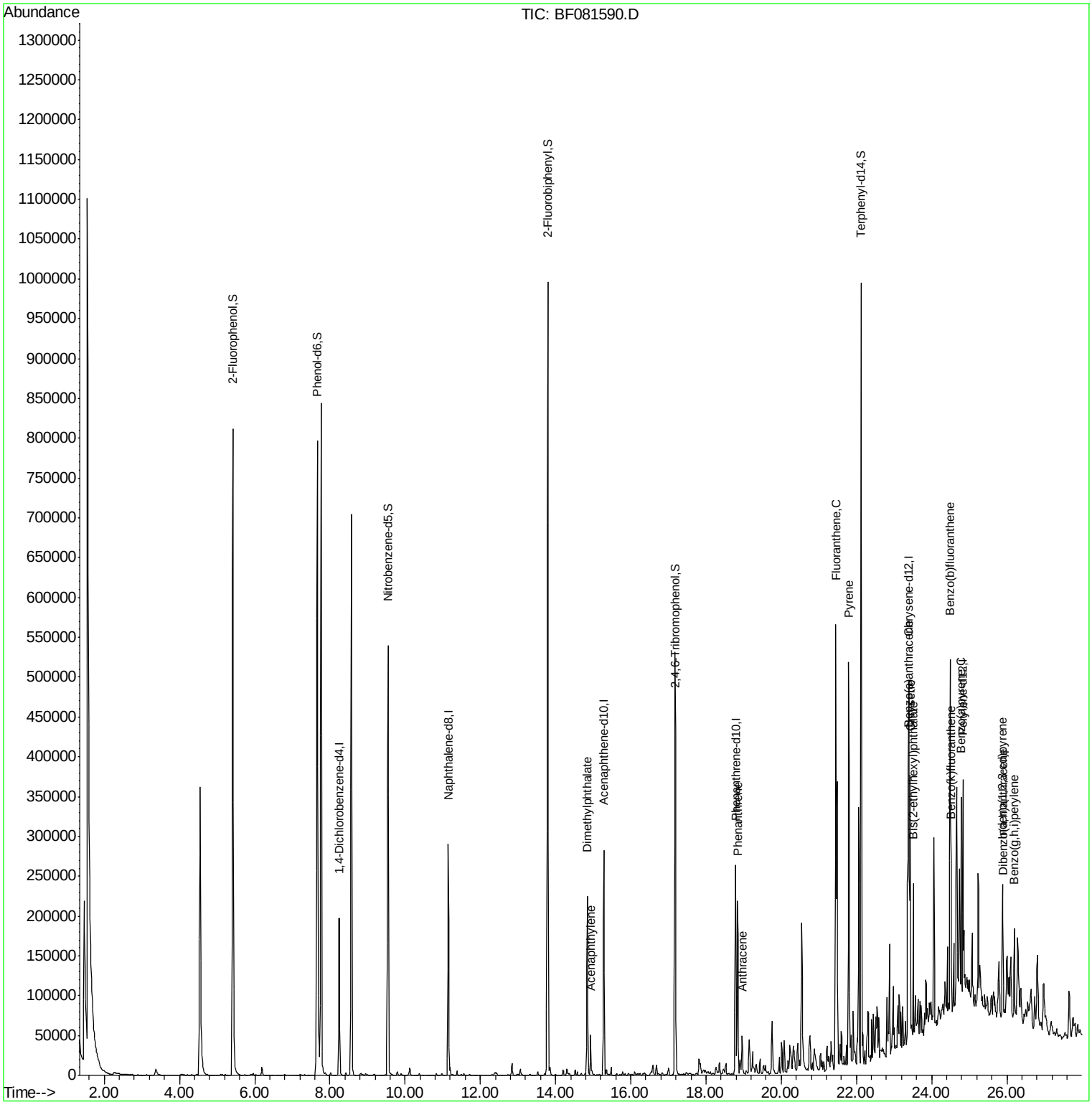
(#) = qualifier out of range (m) = manual integration (+) = signals summed

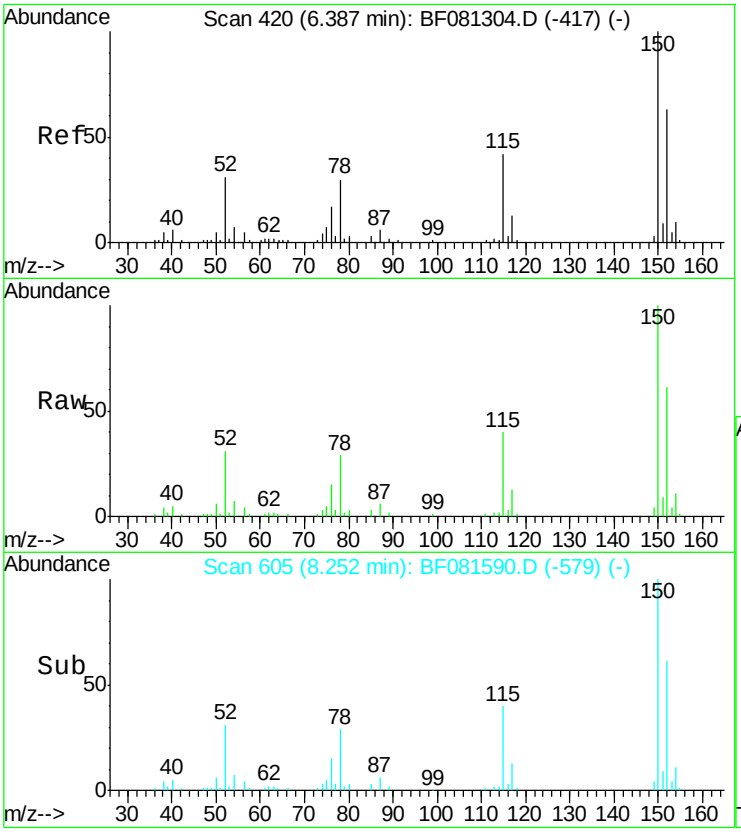
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081590.D
Acq On : 11 Sep 2015 18:42
Operator : UM/IZ
Sample : G3511-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Quant Time: Sep 14 05:50:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 23:14:51 2015
Response via : Initial Calibration



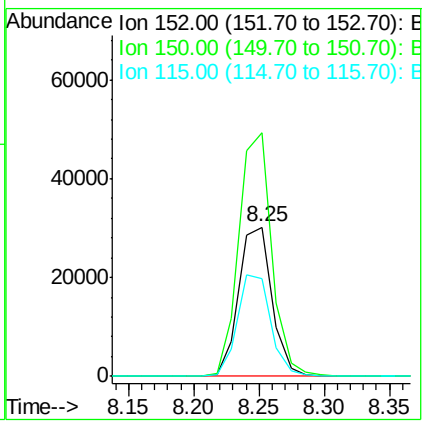


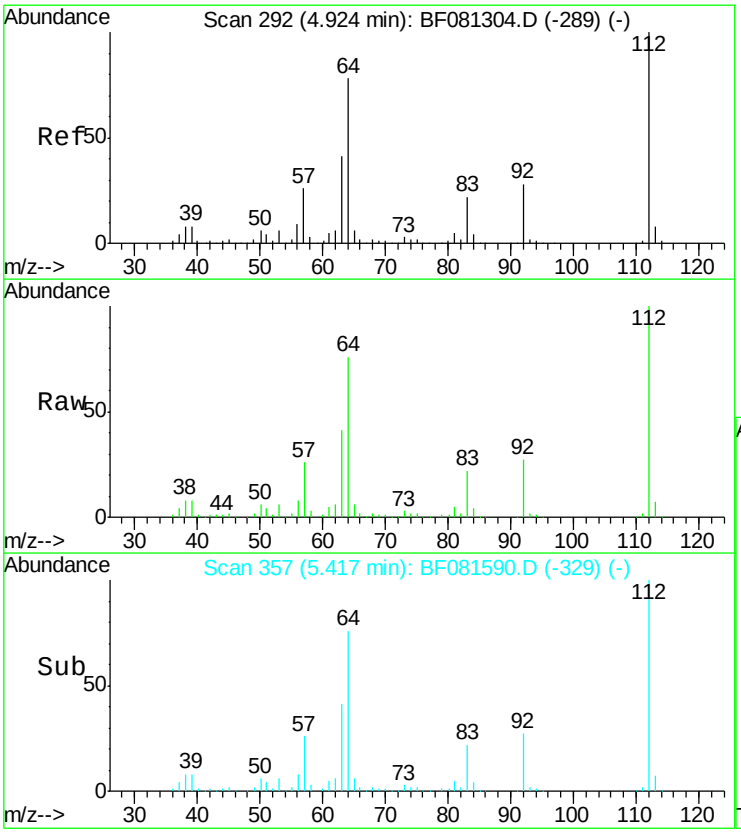
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:152 Resp: 53782

Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.7	187.1
115	65.5	39.0	58.4#

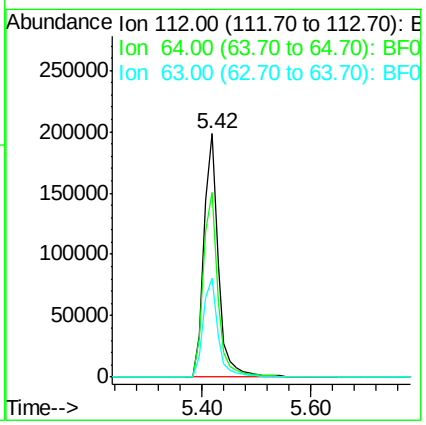


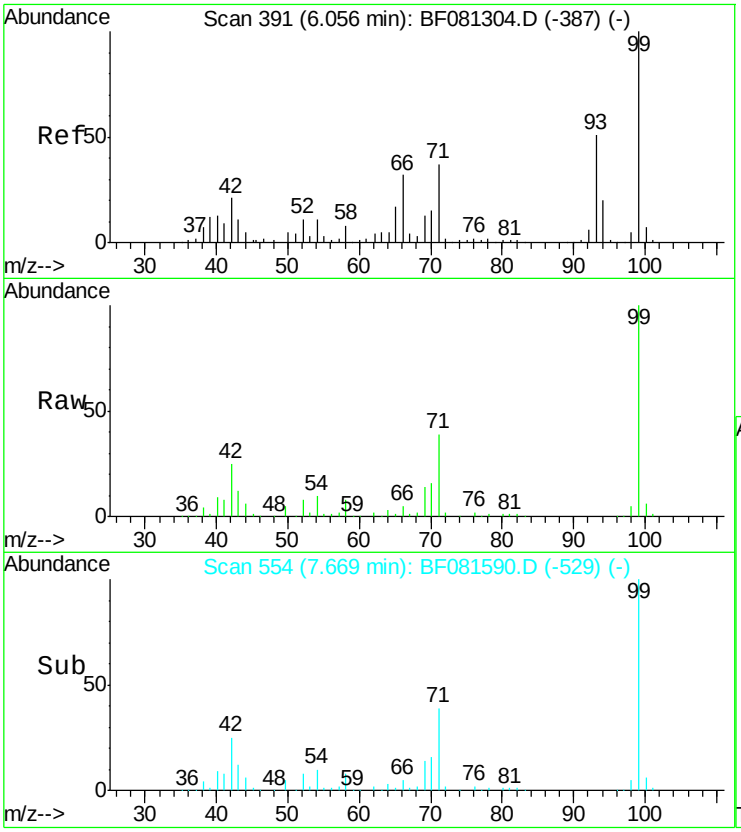


#5
2-Fluorophenol
Concen: 105.55 ng
RT: 5.42 min Scan# 357
Delta R.T. 0.02 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:112 Resp: 365893

Ion	Ratio	Lower	Upper
112	100		
64	75.7	39.7	59.5#
63	40.9	17.4	26.0#



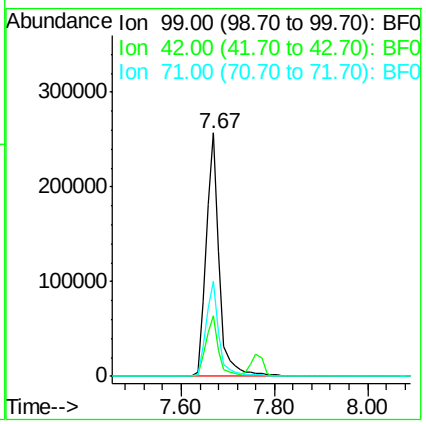


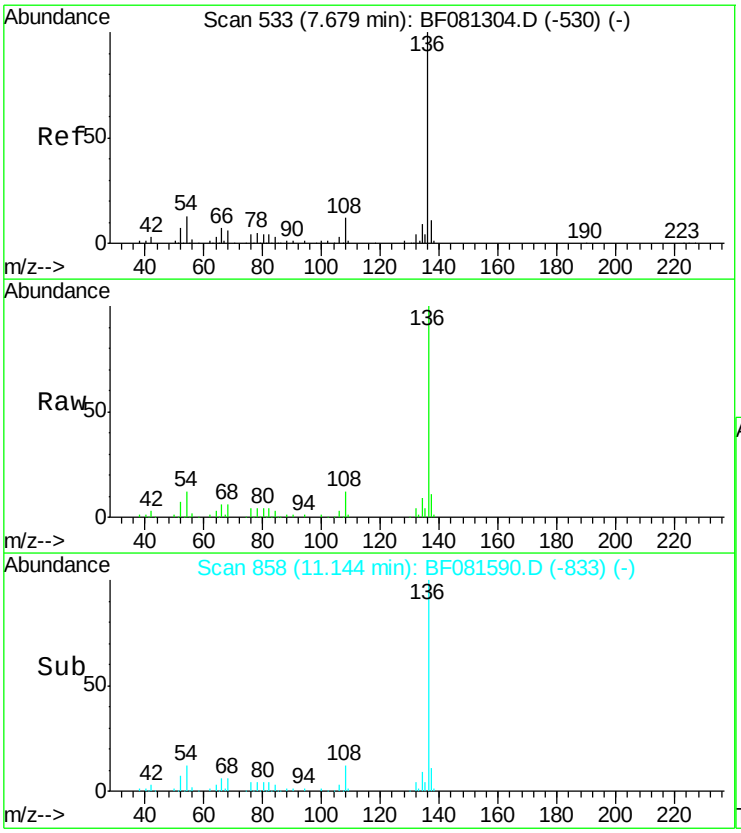
#7
Phenol-d6
Concen: 111.55 ng
RT: 7.67 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion: 99 Resp: 511840

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.7	20.5#
71	39.3	14.2	21.2#

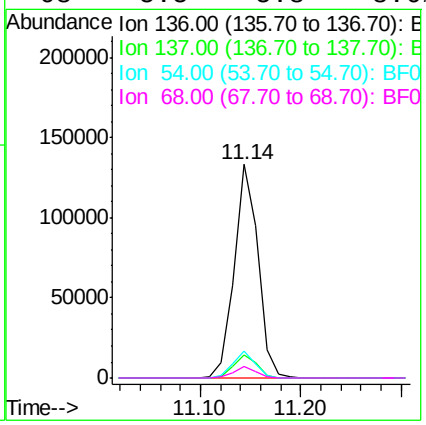


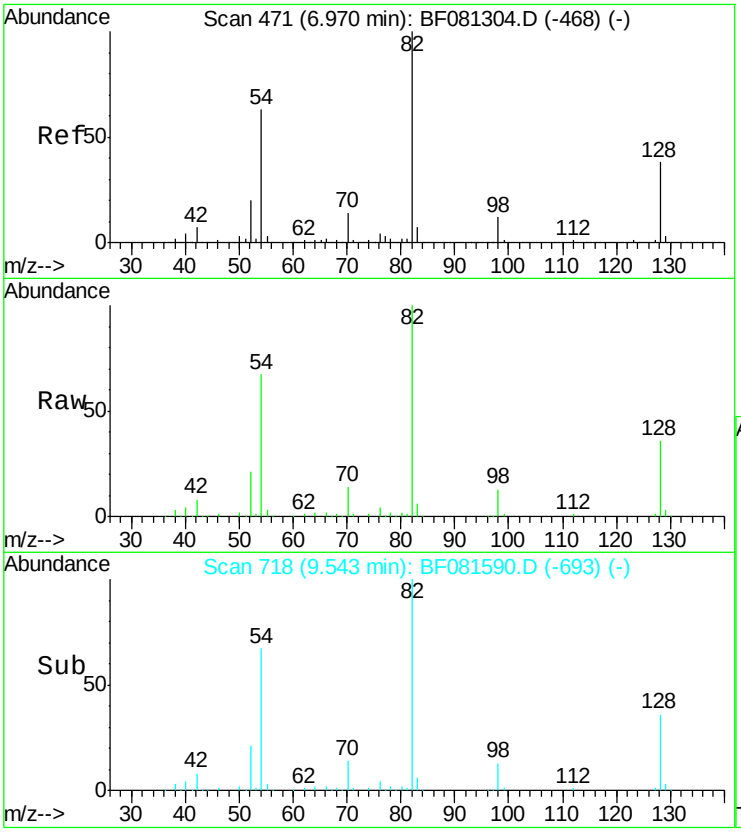


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:136 Resp: 217342

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.3	8.2	12.2#
68	5.5	5.8	8.6#



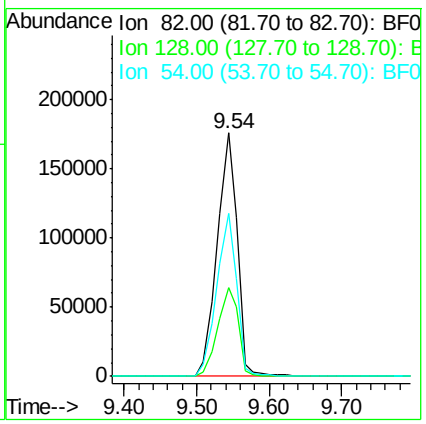


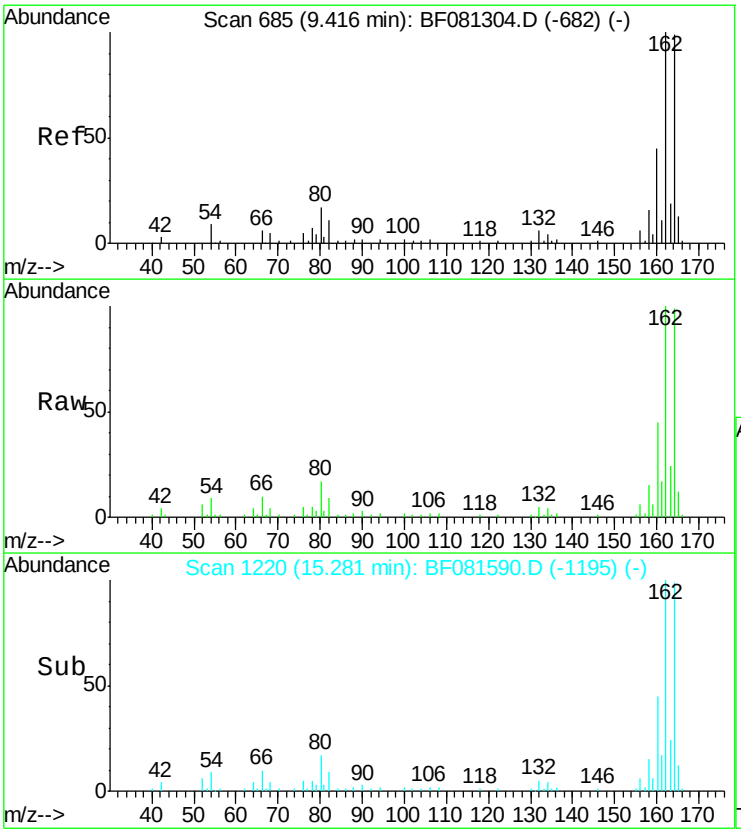
#23
Nitrobenzene-d5
Concen: 74.94 ng
RT: 9.54 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion: 82 Resp: 337571

Ion	Ratio	Lower	Upper
82	100		
128	36.2	51.0	76.6#
54	67.0	47.5	71.3

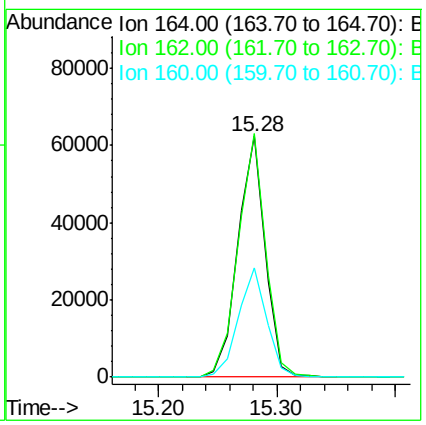


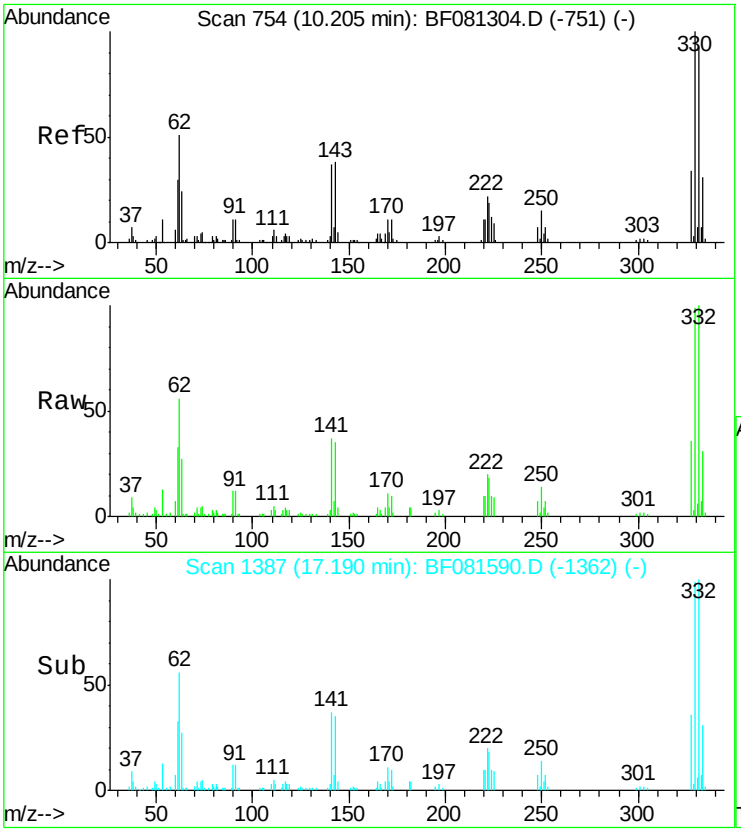


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:164 Resp: 100197

Ion	Ratio	Lower	Upper
164	100		
162	101.1	75.2	112.8
160	45.1	31.5	47.3



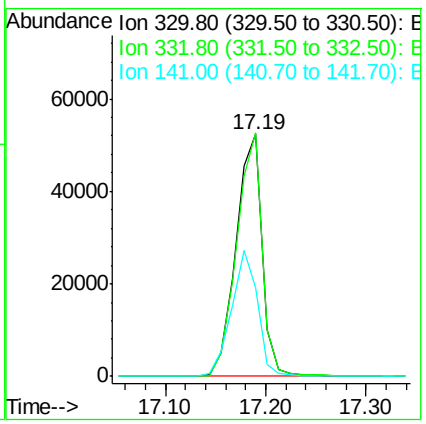


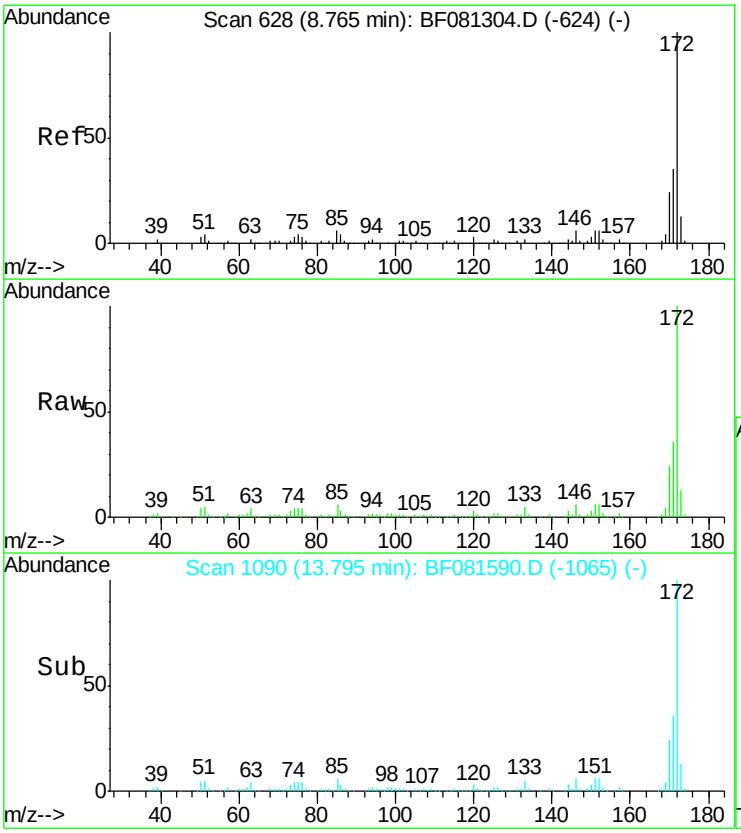
#41
2,4,6-Tribromophenol
Concen: 105.59 ng
RT: 17.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:330 Resp: 94201

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	51.8	29.7	44.5#

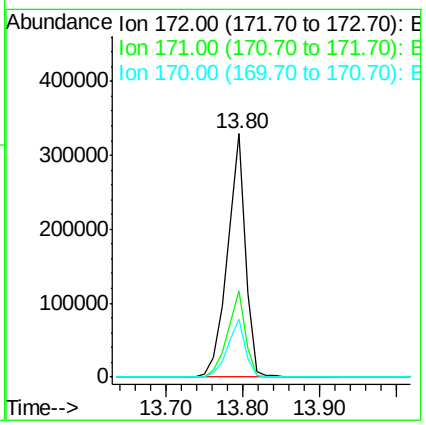


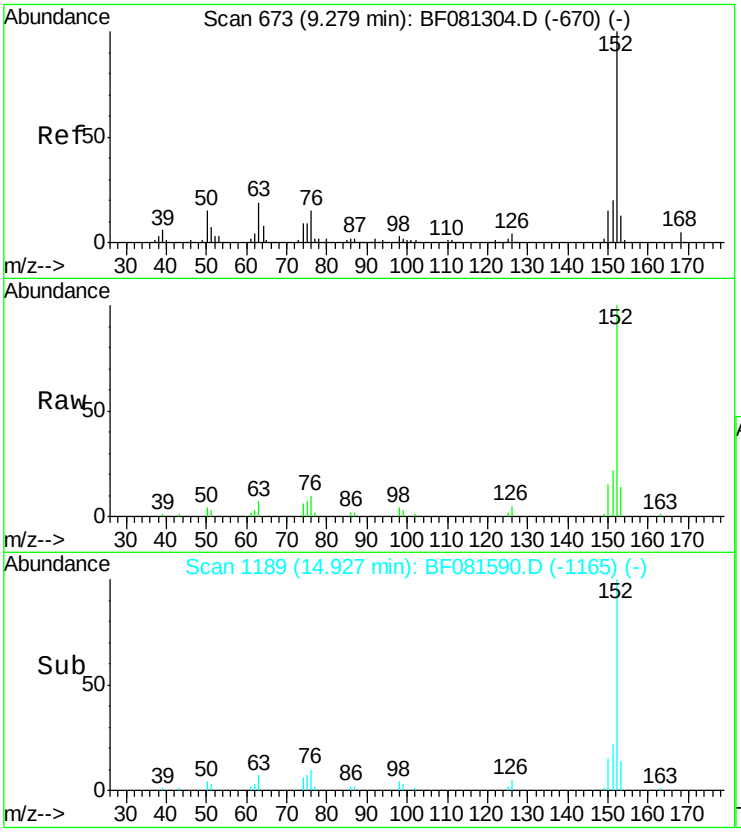


#44
2-Fluorobiphenyl
Concen: 70.87 ng
RT: 13.80 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:172 Resp: 554153

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.1	17.4	26.2



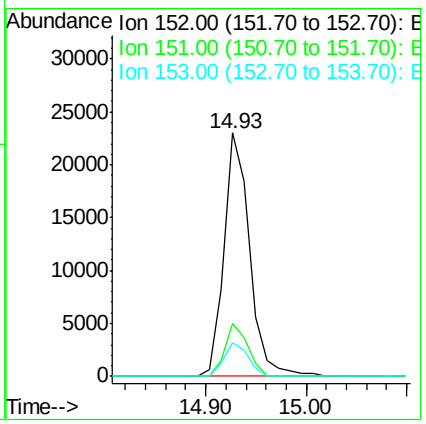


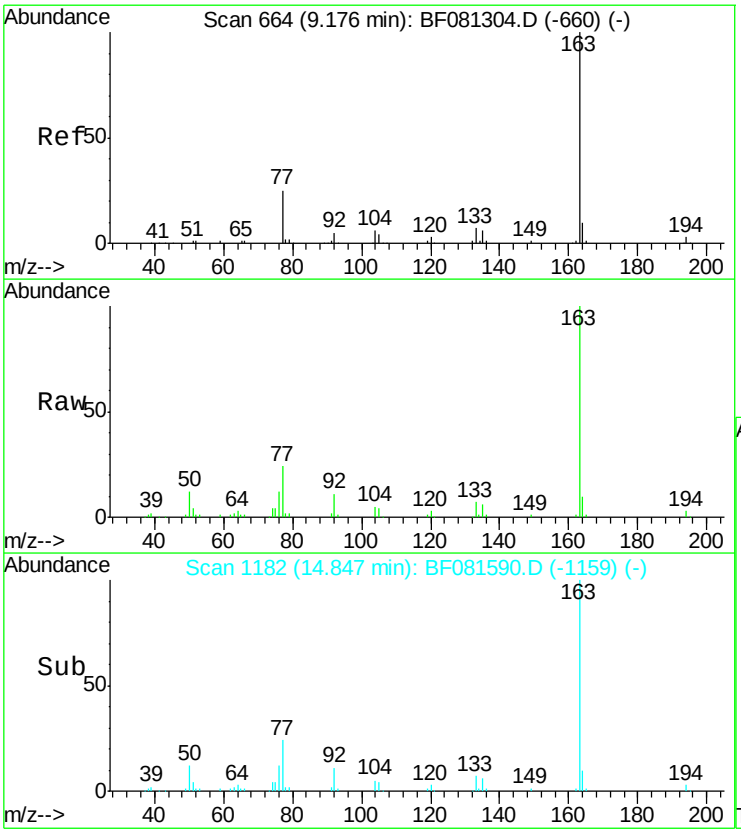
#48
Acenaphthylene
Concen: 3.44 ng
RT: 14.93 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:152 Resp: 40615

Ion	Ratio	Lower	Upper
152	100		
151	21.6	14.6	22.0
153	13.8	10.3	15.5

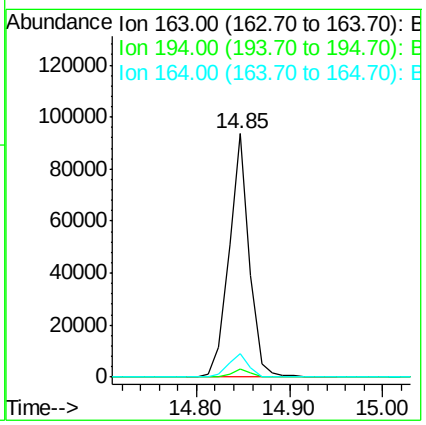


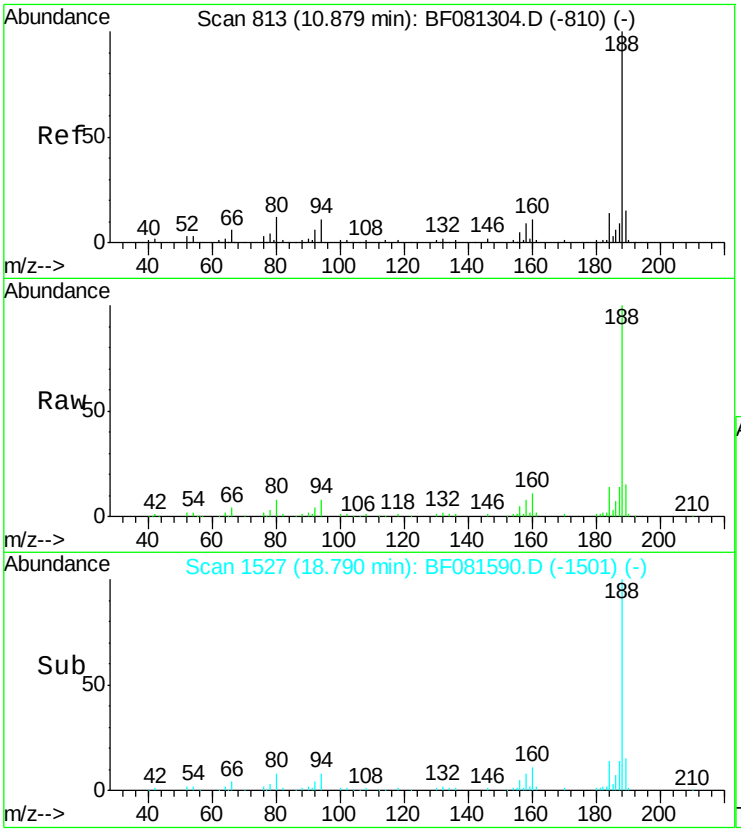


#49
Dimethylphthalate
Concen: 18.06 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:163 Resp: 140598

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	9.7	8.3	12.5



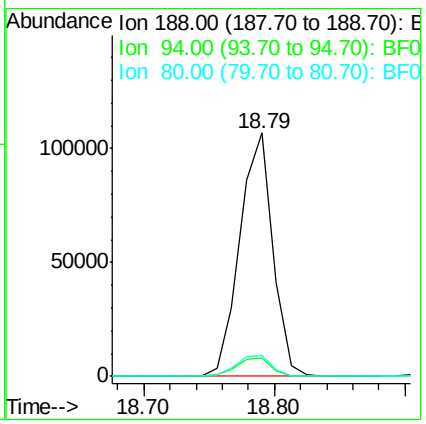


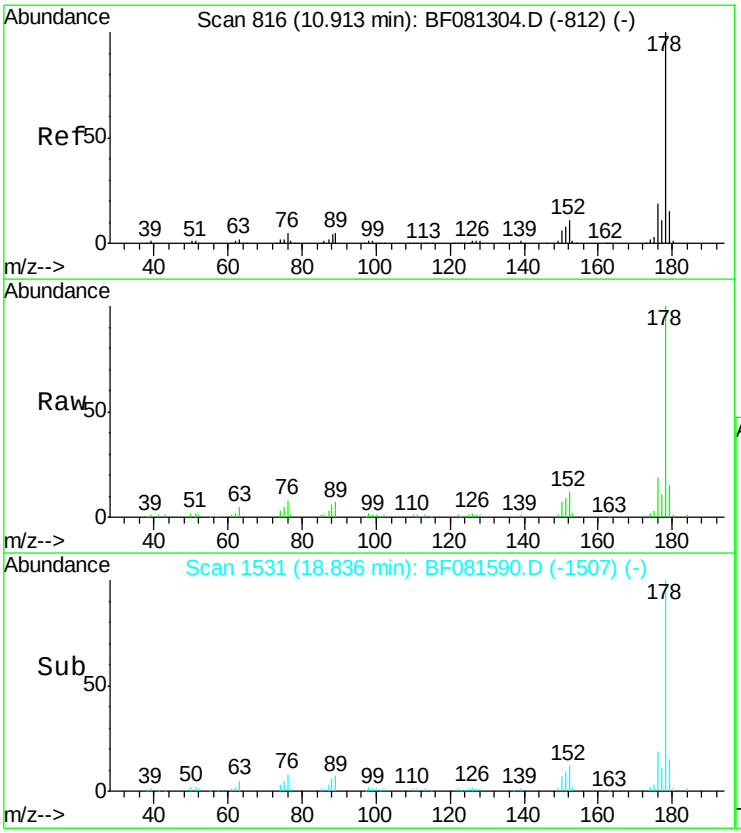
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:188 Resp: 187441

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.4	11.0	16.4#

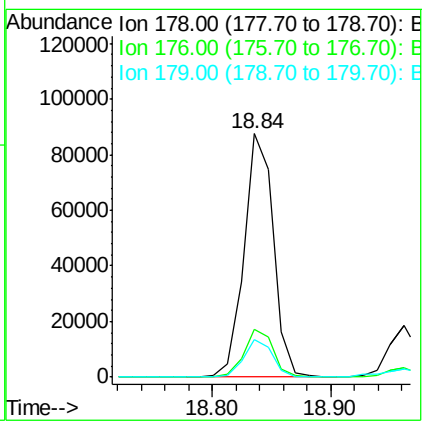


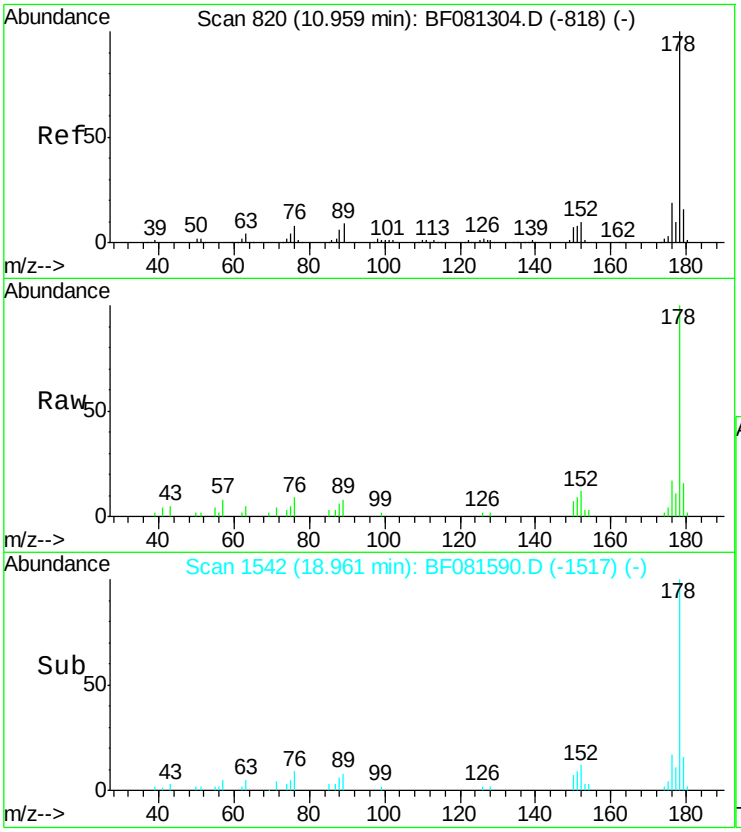


#70
Phenanthrene
Concen: 14.50 ng
RT: 18.84 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:178 Resp: 151055

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.3	12.2	18.2



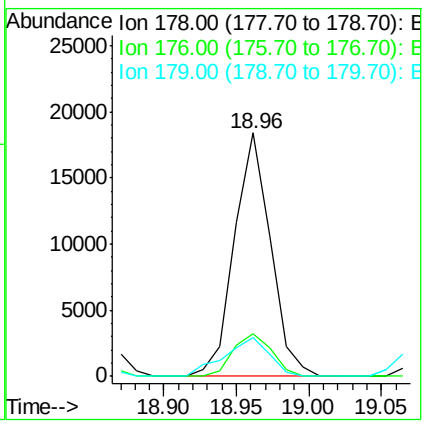


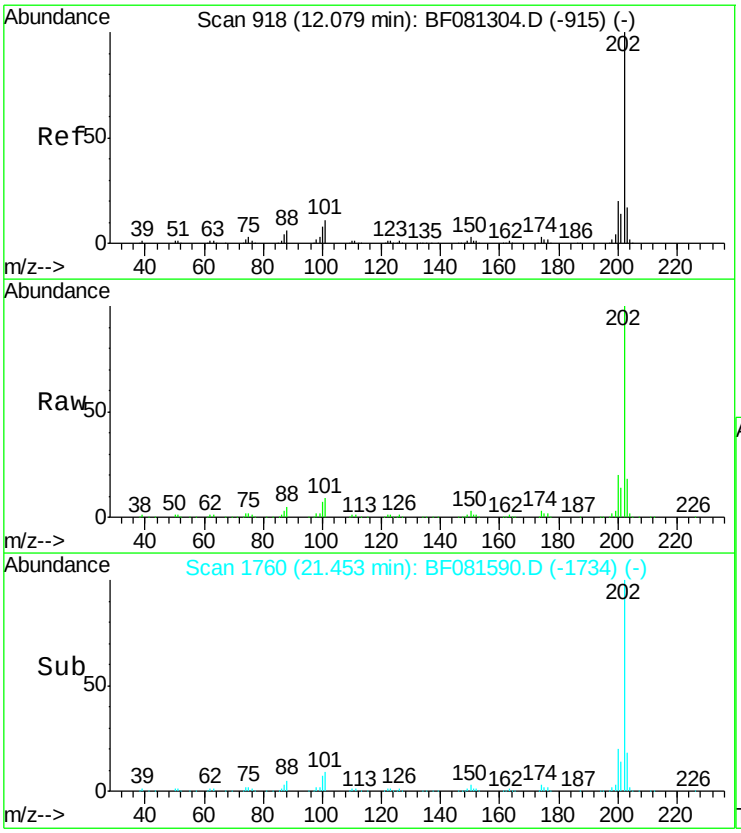
#71
Anthracene
Concen: 2.98 ng
RT: 18.96 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:178 Resp: 31868

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.1	21.1
179	16.0	12.2	18.2

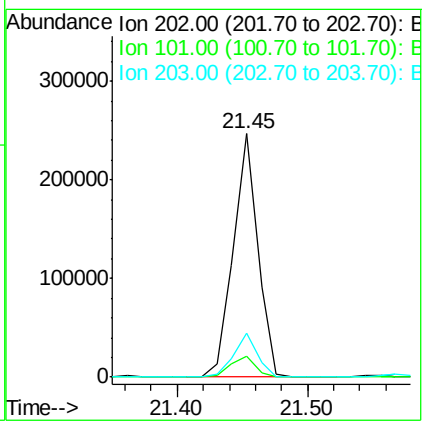


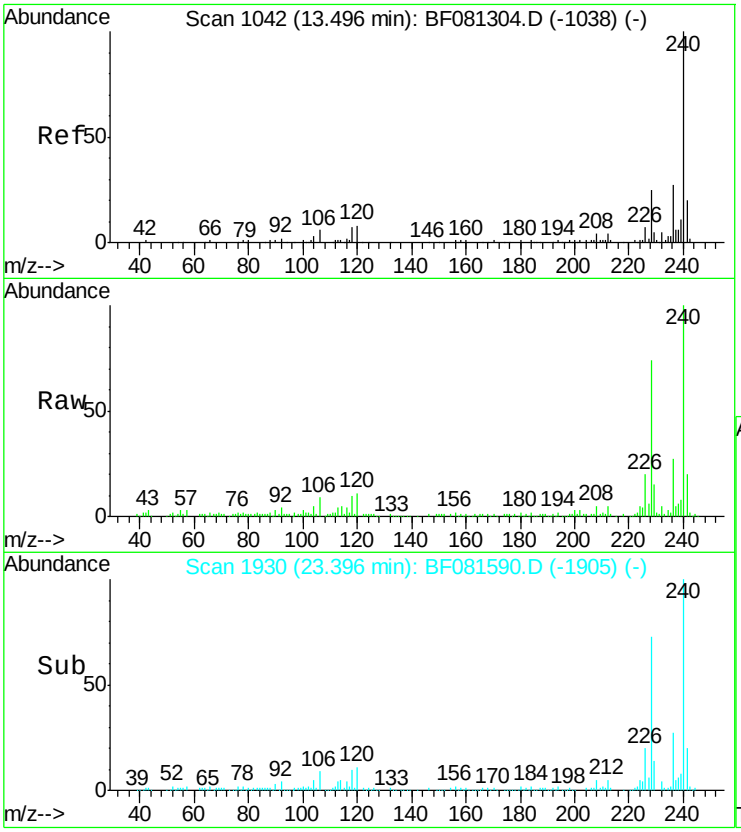


#74
Fluoranthene
Concen: 28.59 ng
RT: 21.45 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:202 Resp: 322510

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	17.9	0.0	37.3



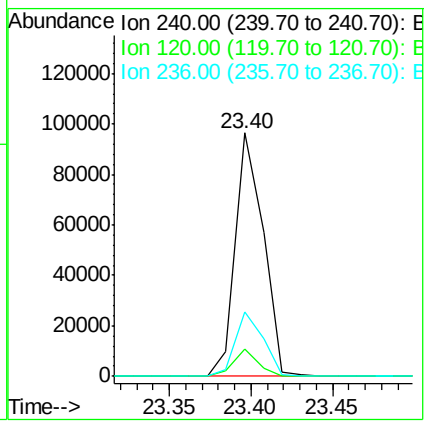


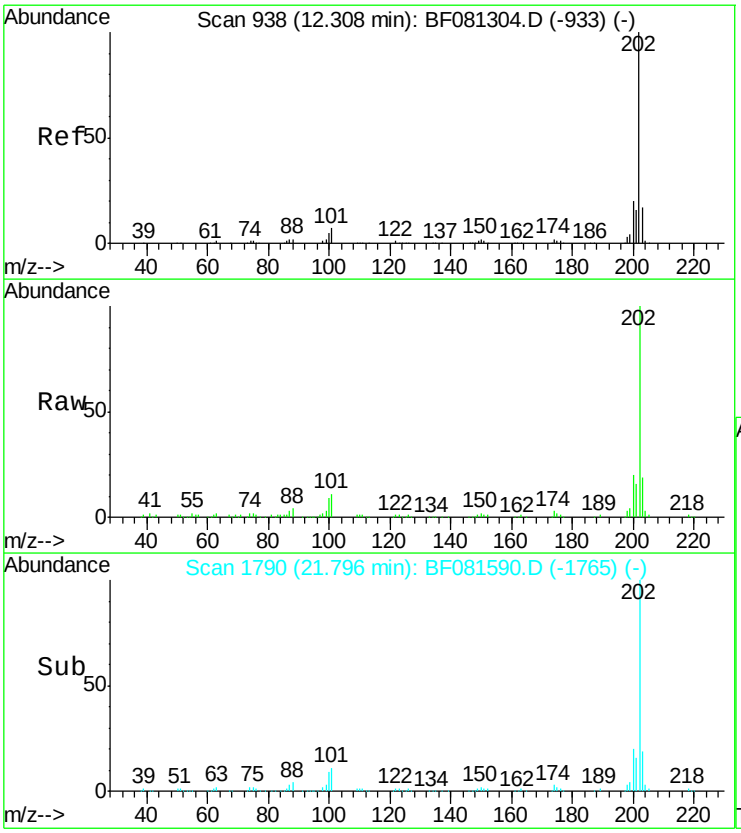
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:240 Resp: 113503

Ion	Ratio	Lower	Upper
240	100		
120	11.0	16.2	24.2#
236	26.6	18.4	27.6

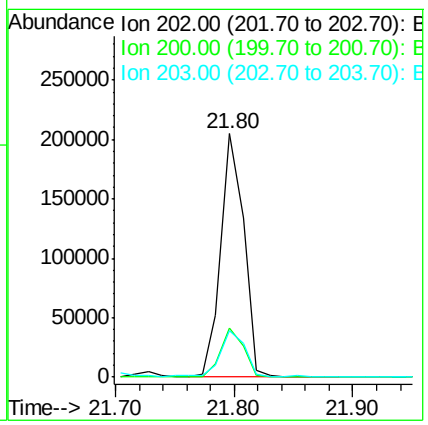


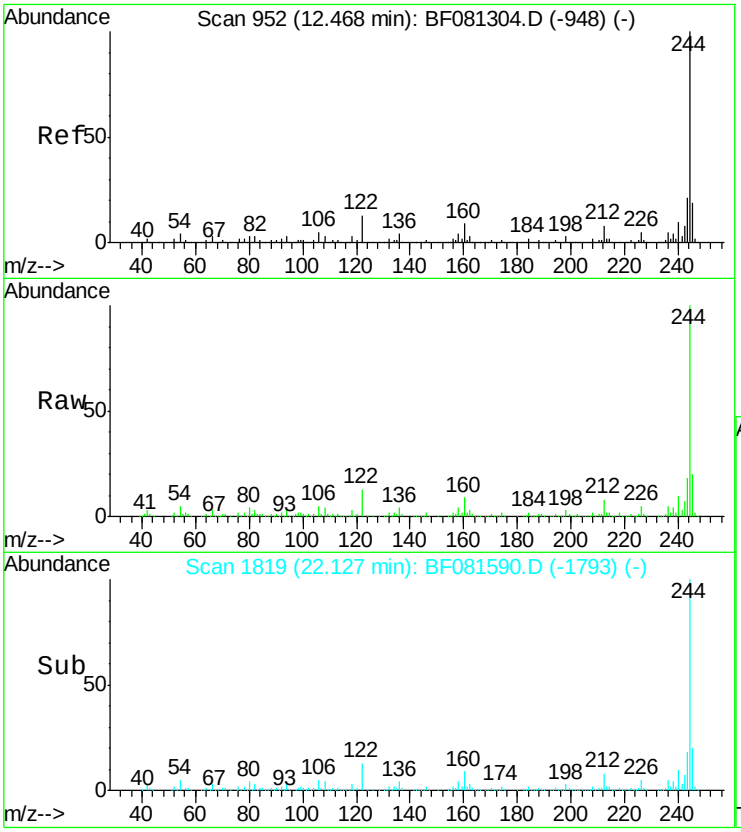


#77
Pyrene
Concen: 32.64 ng
RT: 21.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:202 Resp: 274431

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	18.9	14.1	21.1



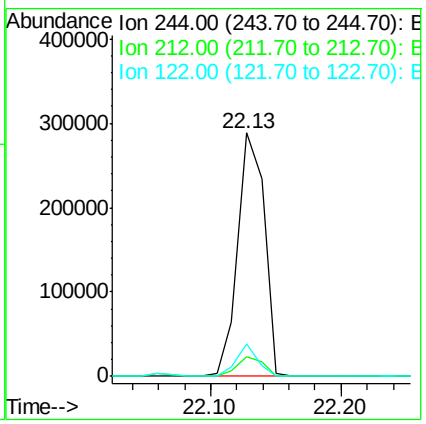


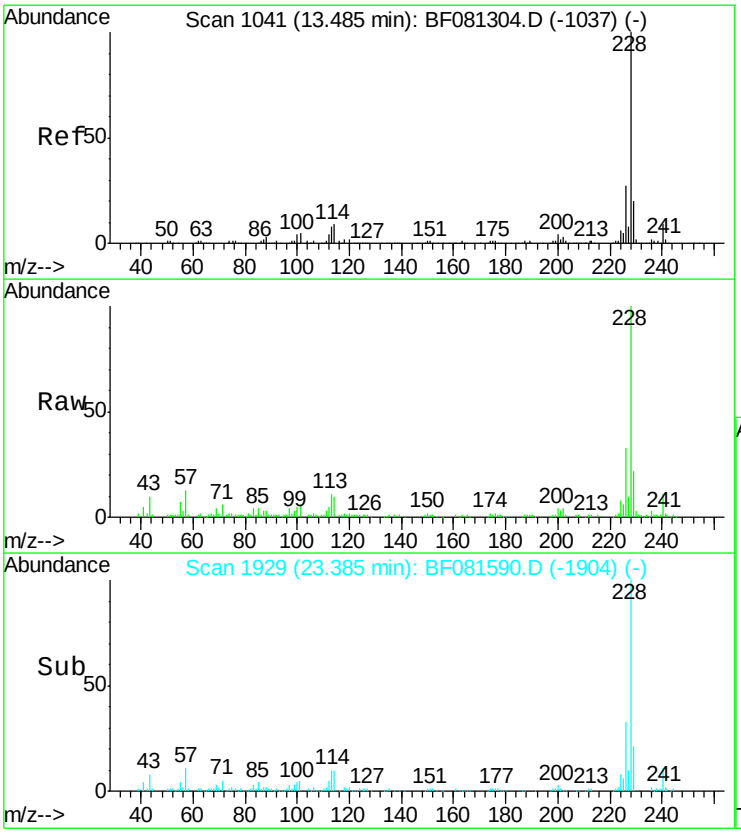
#78
Terphenyl-d14
Concen: 83.68 ng
RT: 22.13 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:244 Resp: 408022

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	13.1	17.4	26.2#

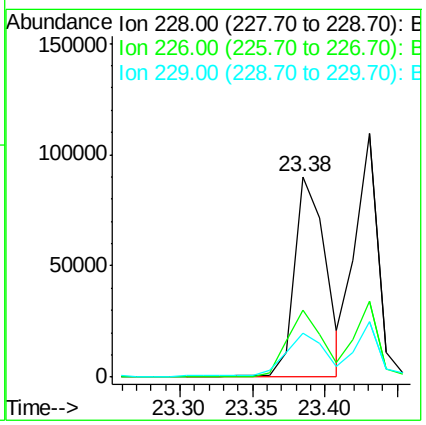


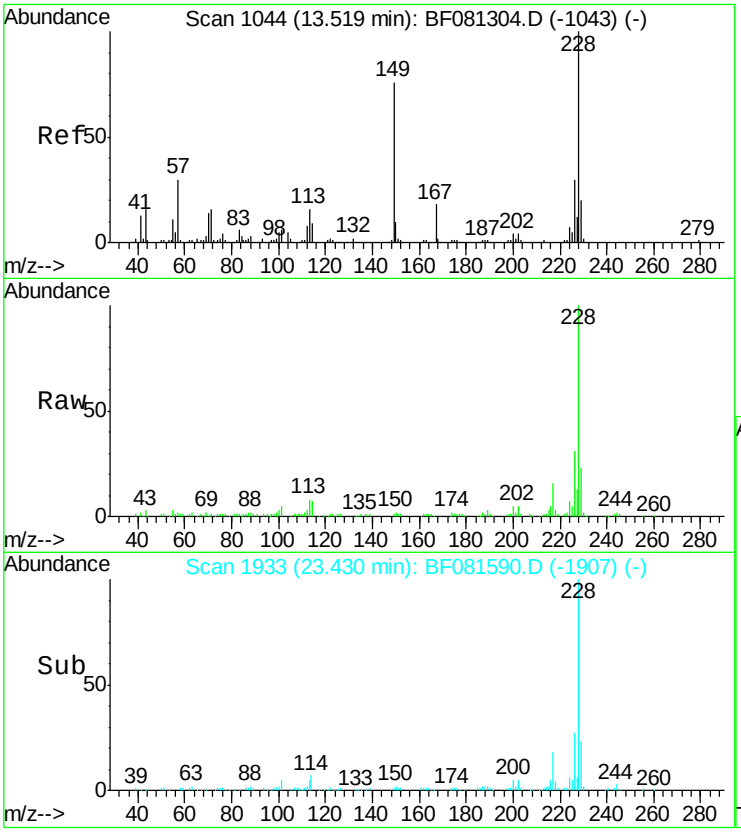


#80
Benzo(a)anthracene
Concen: 18.57 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:228 Resp: 134207

Ion	Ratio	Lower	Upper
228	100		
226	33.3	20.0	30.0#
229	22.1	15.4	23.2



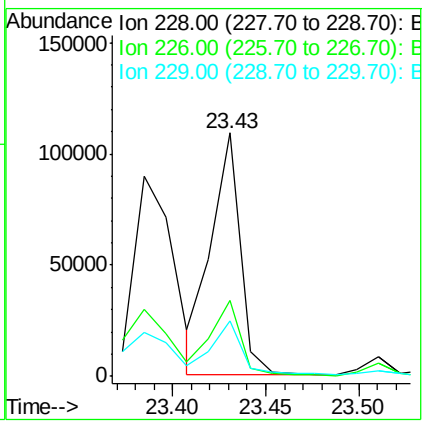


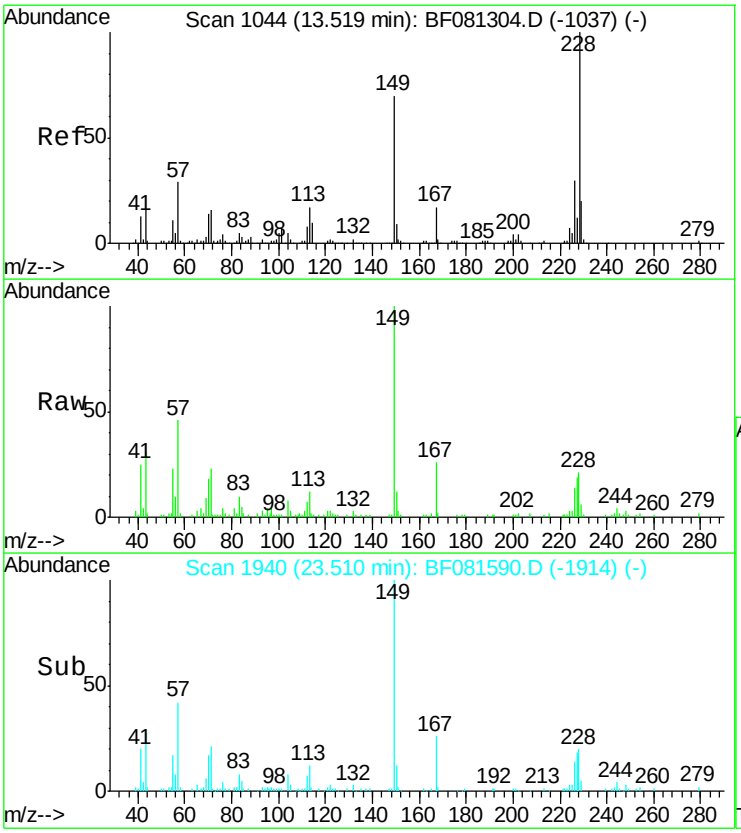
#82
Chrysene
Concen: 18.28 ng
RT: 23.43 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:228 Resp: 118430

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	22.6	15.6	23.4

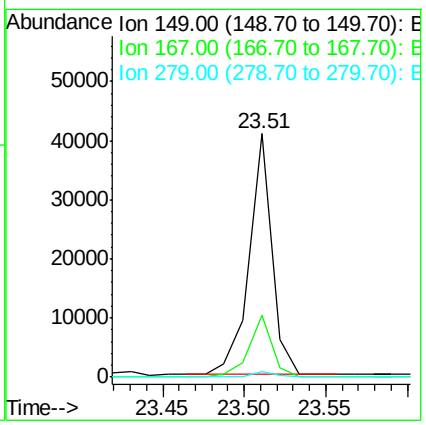


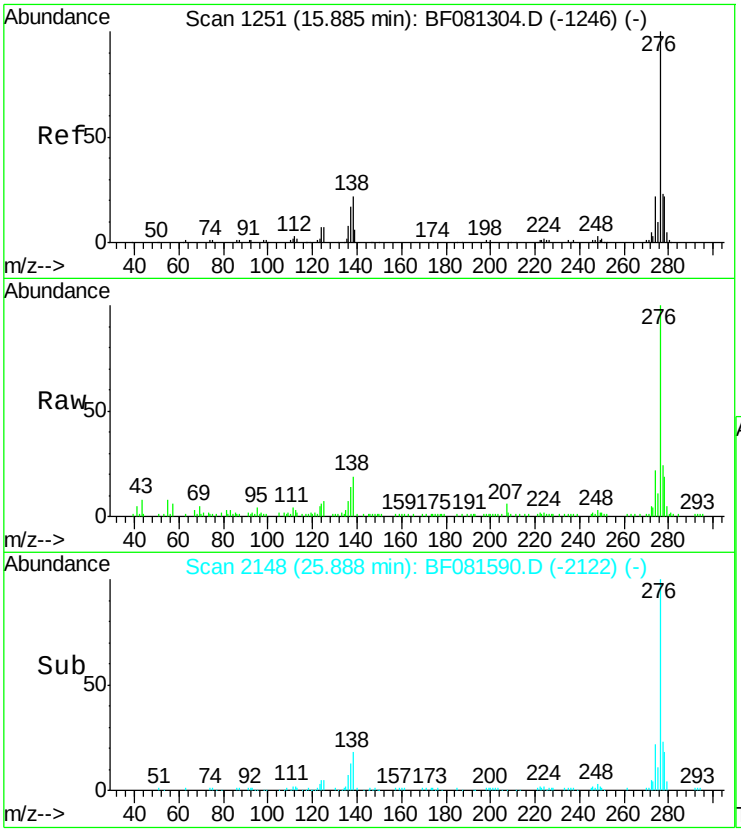


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.26 ng
RT: 23.51 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:149 Resp: 39852

Ion	Ratio	Lower	Upper
149	100		
167	25.6	24.2	36.2
279	2.4	3.8	5.6#



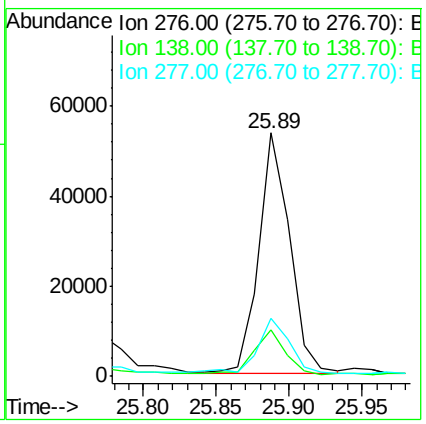


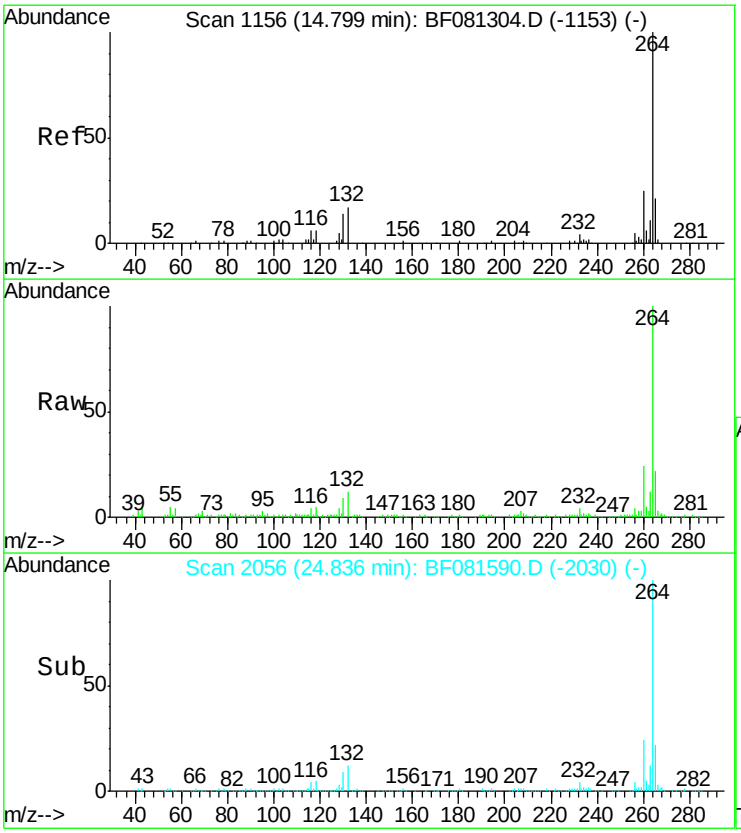
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.53 ng m
RT: 25.89 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:276 Resp: 78584

Ion	Ratio	Lower	Upper
276	100		
138	2.4	25.7	38.5#
277	1.5	15.6	23.4#

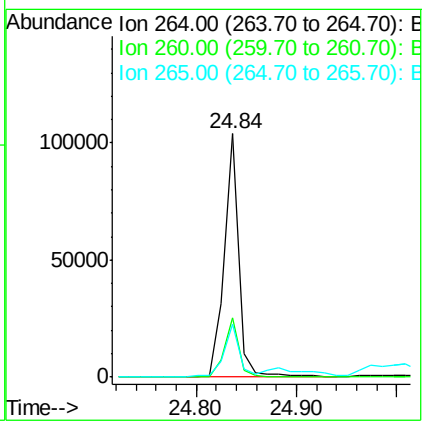


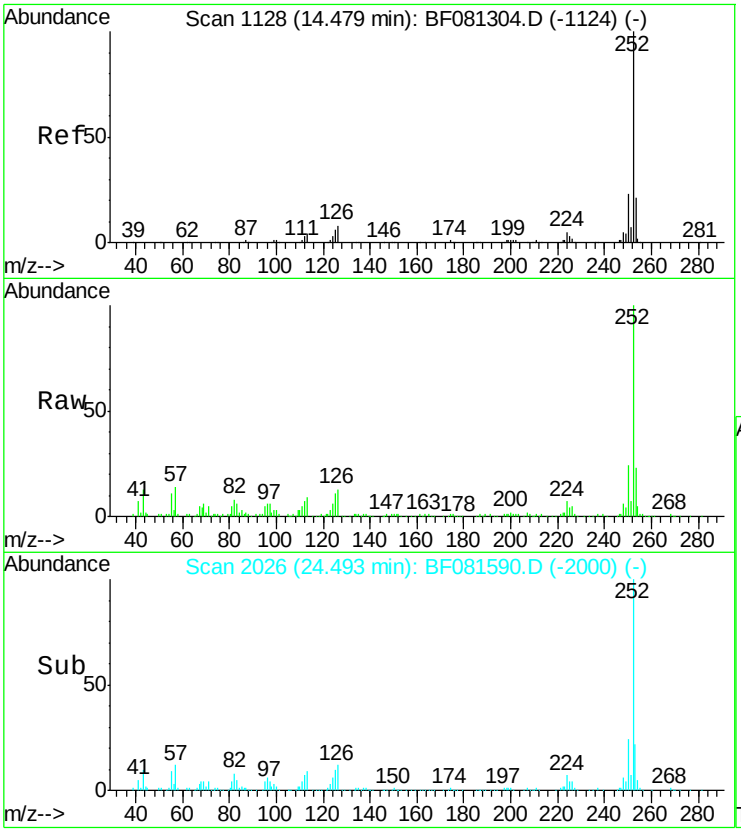


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:264 Resp: 104227

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.7	17.2	25.8



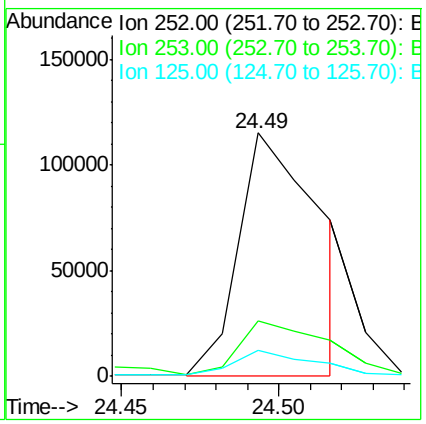


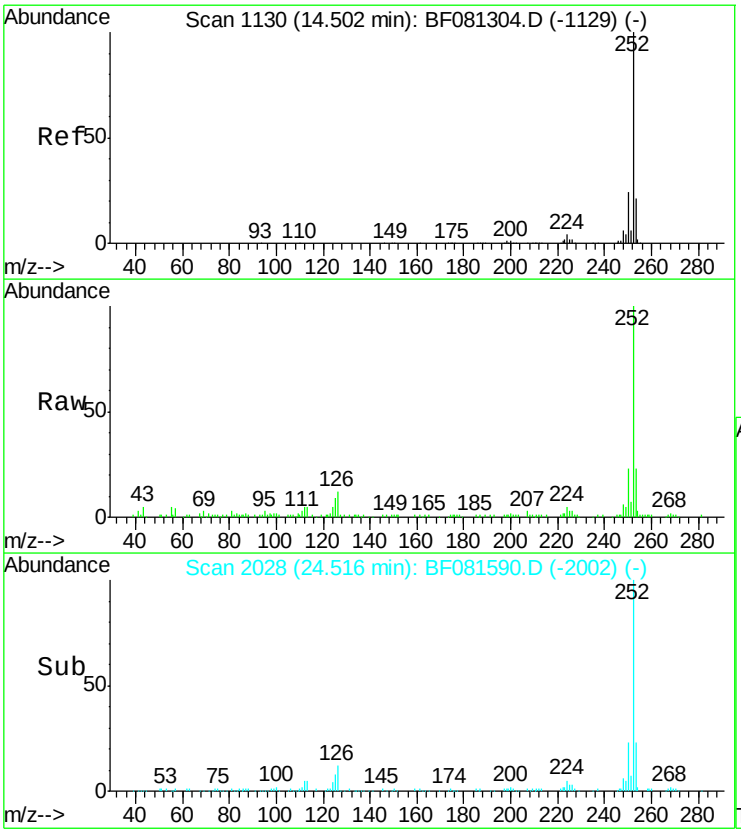
#87
Benzo(b)fluoranthene
Concen: 27.85 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:252 Resp: 207201

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.8	17.1	25.7#

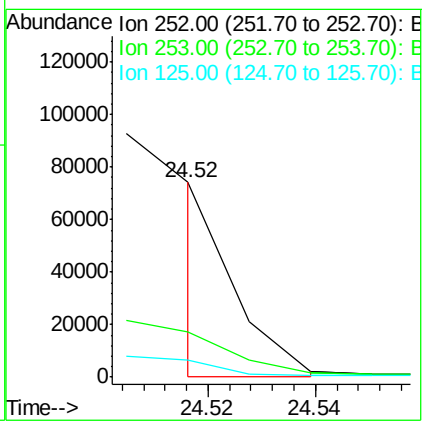


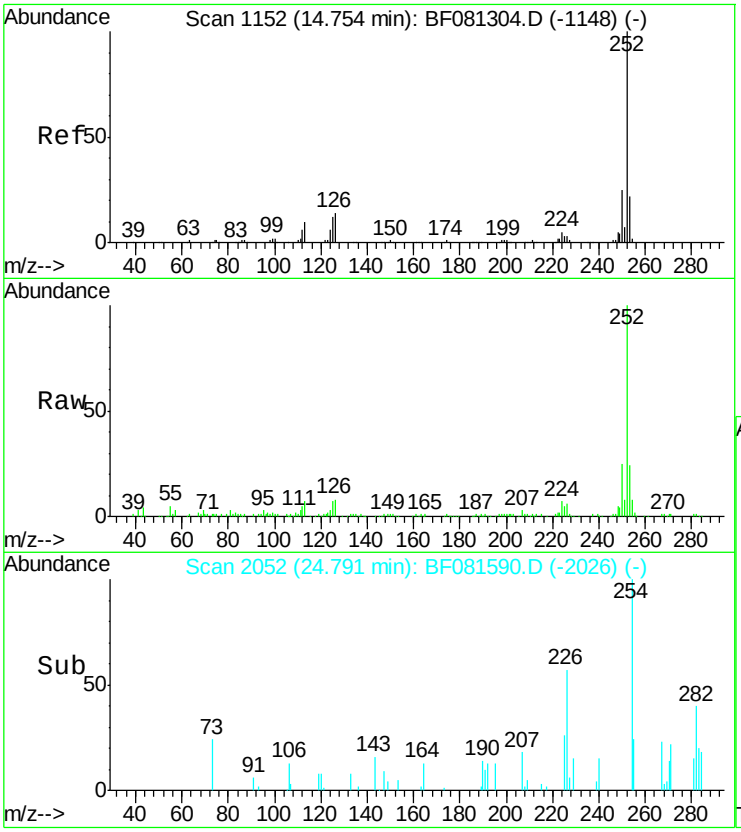


#88
Benzo(k)fluoranthene
Concen: 2.58 ng m
RT: 24.52 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:252 Resp: 15955

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	8.8	16.0	24.0#



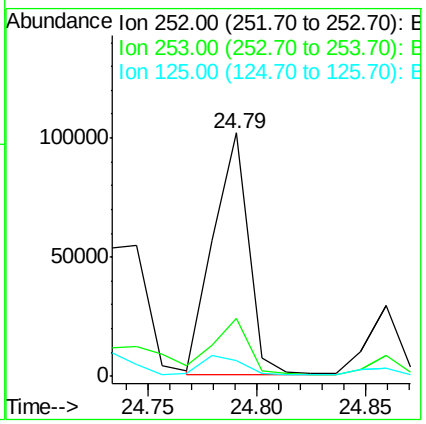


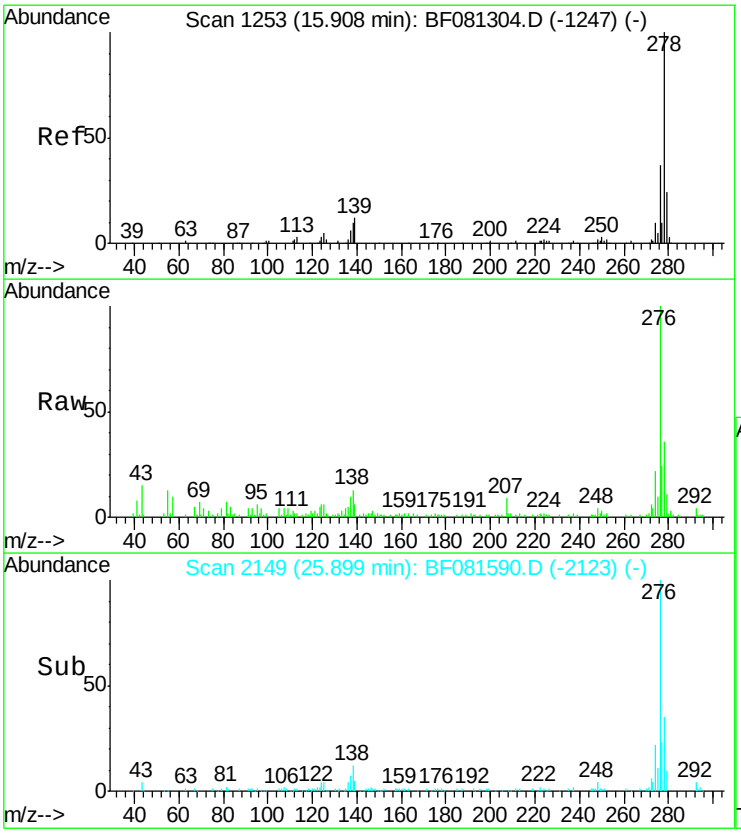
#89
Benzo(a)pyrene
Concen: 18.29 ng
RT: 24.79 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:252 Resp: 115352

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	6.6	18.0	27.0#

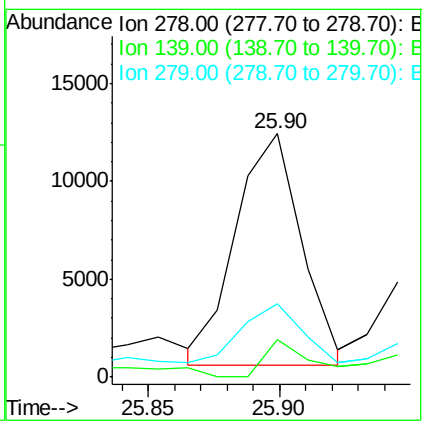


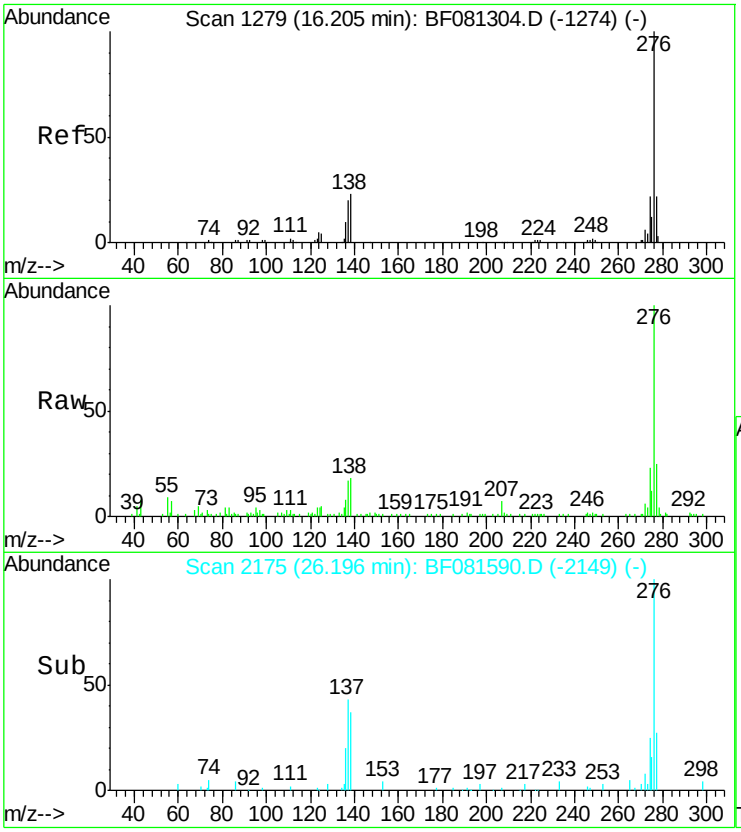


#90
Dibenzo(a,h)anthracene
Concen: 4.20 ng m
RT: 25.90 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Tgt Ion:278 Resp: 20484

Ion	Ratio	Lower	Upper
278	100		
139	15.7	26.3	39.5#
279	30.2	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 15.73 ng
RT: 26.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF081590.D
Acq: 11 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)

Tgt Ion:276 Resp: 73136

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.8	26.6
138	18.5	34.6	51.8#