Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09(0-0.16)

Quant Time: Sep 14 07:00:33 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	55284	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	214040	20.00	ng		-0.01
38) Acenaphthene-d10	15.28	164	98158	20.00	ng		-0.01
63) Phenanthrene-d10	18.79	188	173571	20.00	ng		0.00
75) Chrysene-d12	23.40	240	100556	20.00	ng		-0.01
86) Perylene-d12	24.84	264	97457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	469604	131.79	ng		0.03
7) Phenol-d6	7.68	99	643105	136.35	ng		0.00
23) Nitrobenzene-d5	9.55	82	429886	96.90	ng		0.00
41) 2,4,6-Tribromophenol	17.19	330	118598	135.70	ng		-0.01
44) 2-Fluorobiphenyl	13.80	172	735431	96.01	ng		-0.01
78) Terphenyl-d14	22.13	244	467724	108.28	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.85	163	143700	18.84	ng	#	96
70) Phenanthrene	18.84	178	85988	8.91	ng		97
71) Anthracene	18.96	178	21664	2.19	ng		96
74) Fluoranthene	21.45	202	159241	15.24	ng		86
77) Pyrene	21.80	202	150045	20.14	ng		97
80) Benzo(a)anthracene	23.38	228	87814	13.71	ng		94
82) Chrysene	23.43	228	76876	13.39	ng		94
83) Bis(2-ethylhexyl)phthalate	23.51	149	10438	2.44	ng	#	88
85) Indeno(1,2,3-cd)pyrene	25.89	276	52659	12.50	ng	#	83
87) Benzo(b)fluoranthene	24.49	252	118528m	17.04	ng		
88) Benzo(k)fluoranthene	24.50	252	44581m	7.72	ng		
89) Benzo(a)pyrene	24.79	252	79840	13.54	ng	#	82
90) Dibenzo(a,h)anthracene	25.89	278	13802m	3.03	ng		
91) Benzo(g,h,i)perylene	26.20	276	46113	10.60	ng	#	71

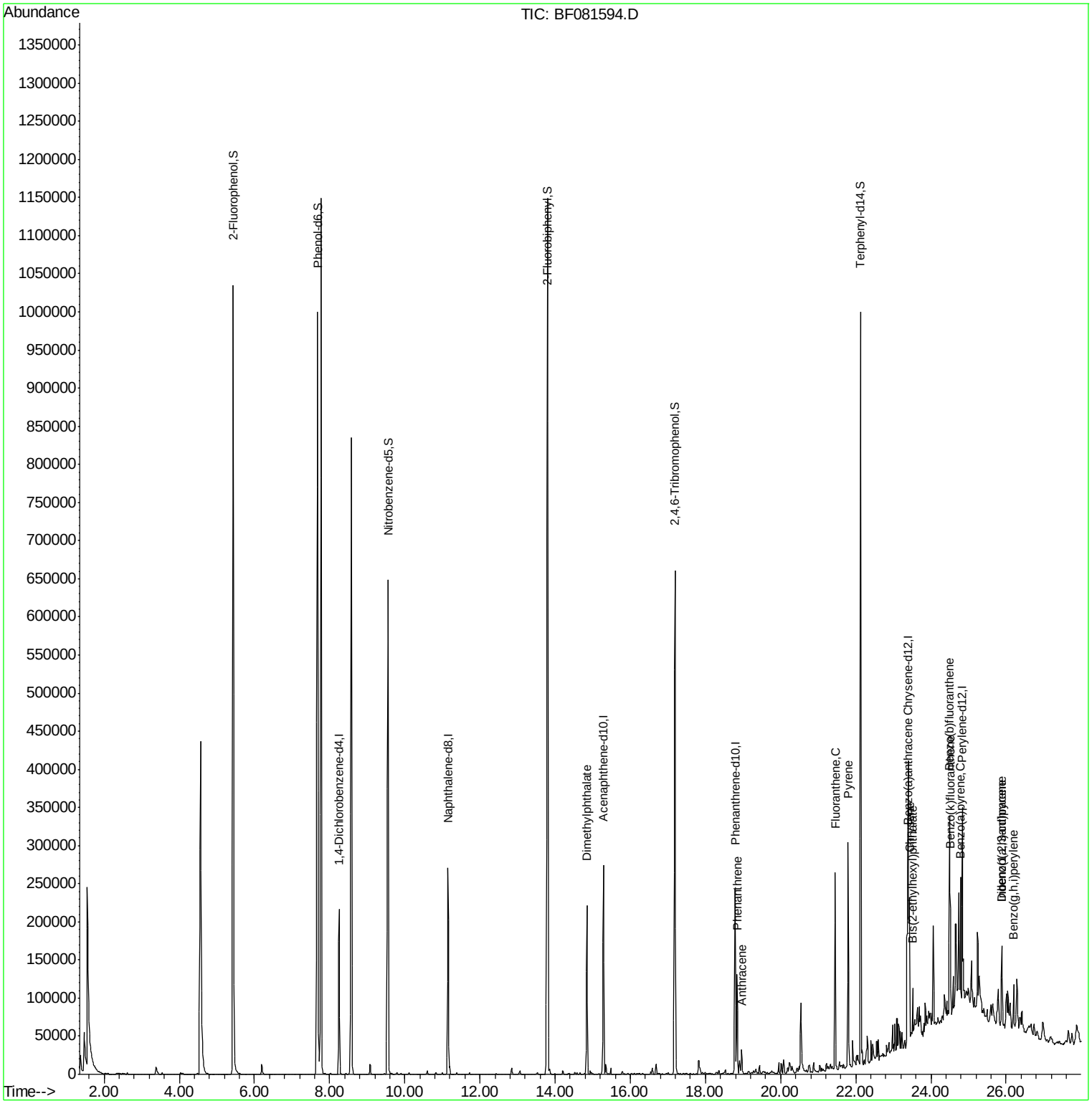
(#) = qualifier out of range (m) = manual integration (+) = signals summed

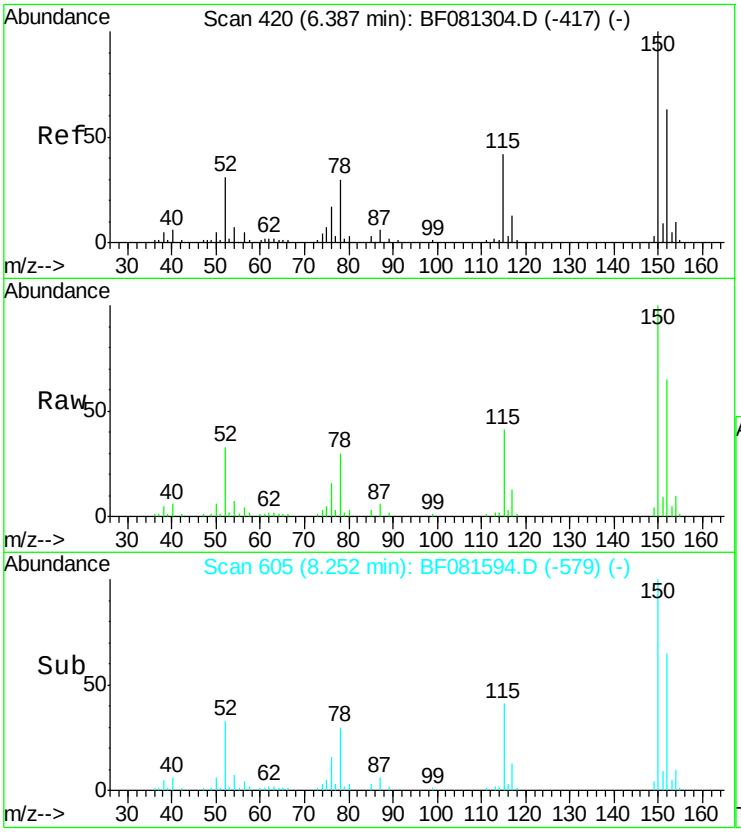
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081594.D
Acq On : 11 Sep 2015 21:10
Operator : UM/IZ
Sample : G3511-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Quant Time: Sep 14 07:00:33 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



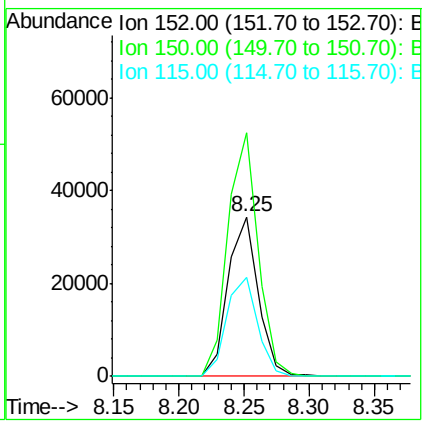


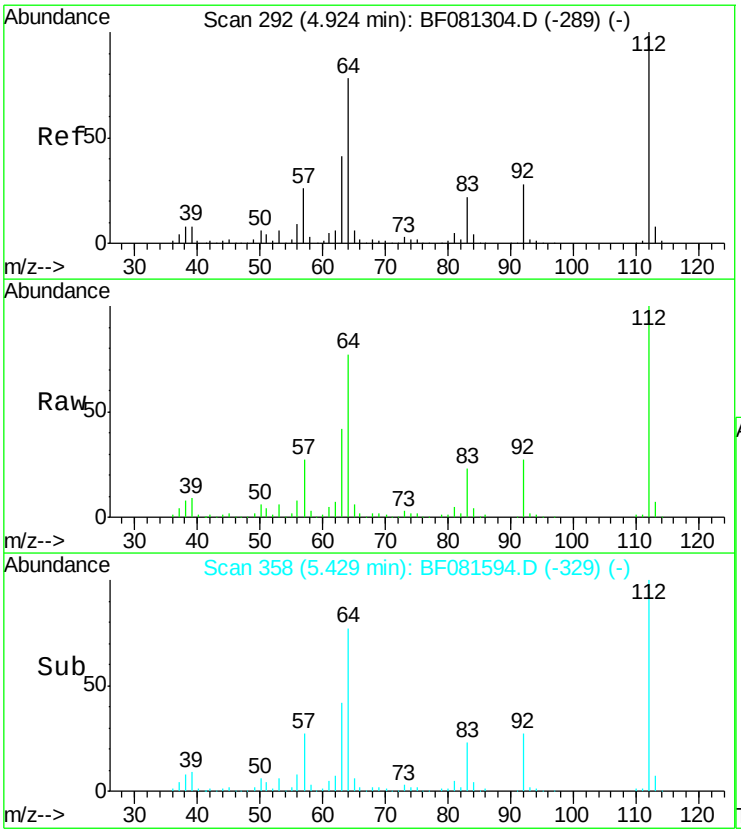
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:152 Resp: 55284

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.7	187.1
115	62.5	39.0	58.4#

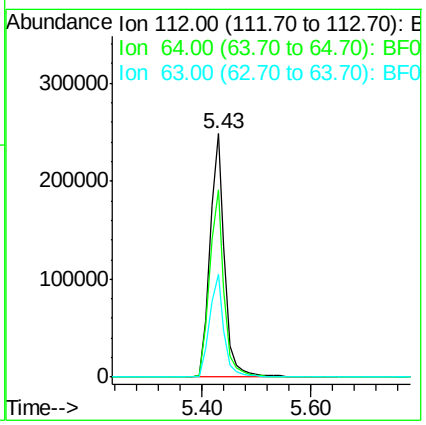


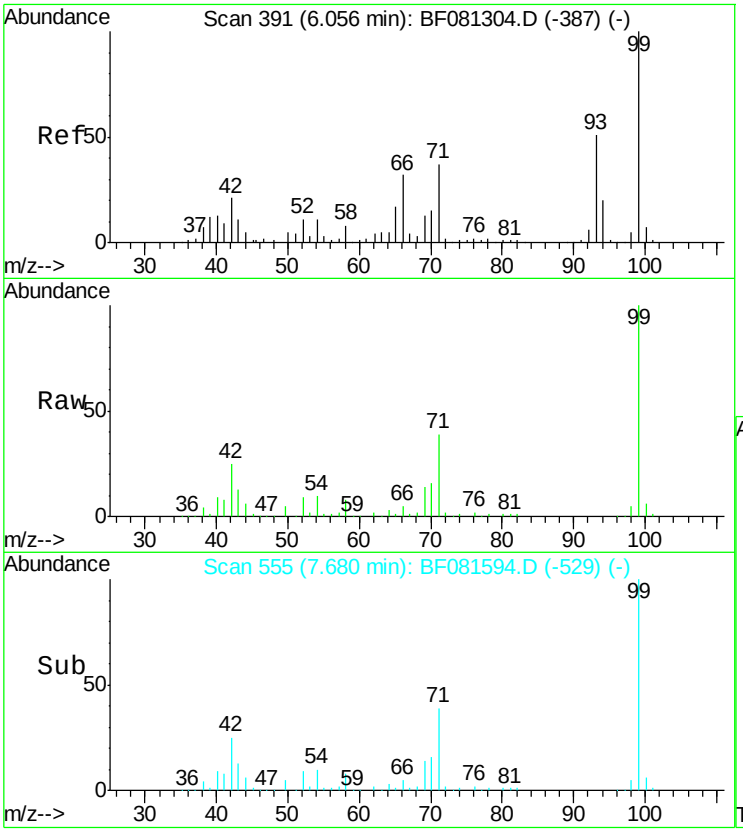


#5
2-Fluorophenol
Concen: 131.79 ng
RT: 5.43 min Scan# 358
Delta R.T. 0.03 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:112 Resp: 469604

Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	42.1	17.4	26.0#



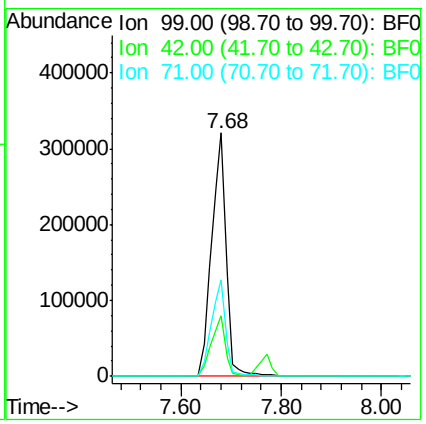


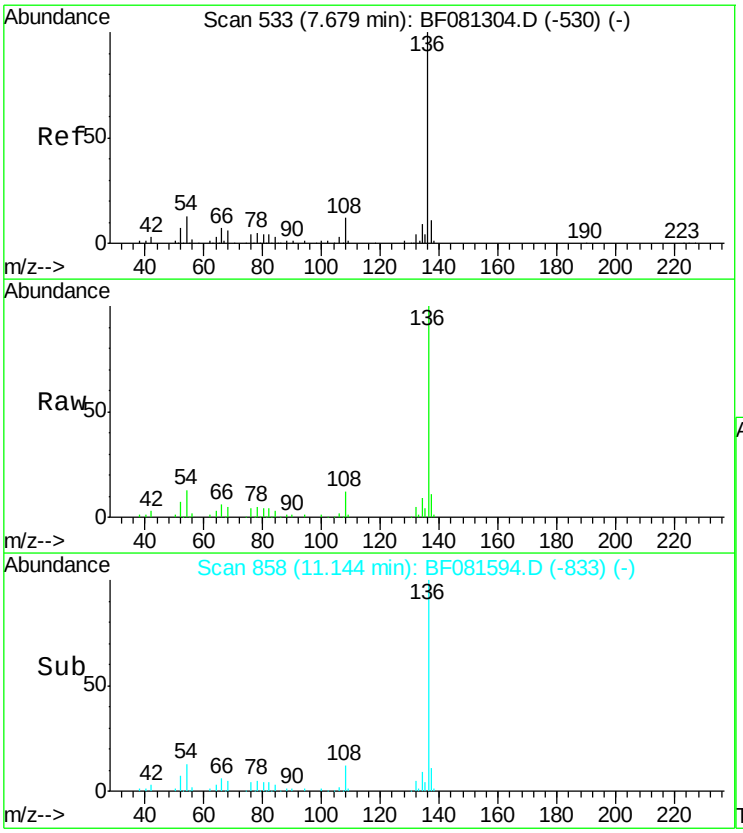
#7
Phenol-d6
Concen: 136.35 ng
RT: 7.68 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion: 99 Resp: 643105

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.7	20.5#
71	39.4	14.2	21.2#

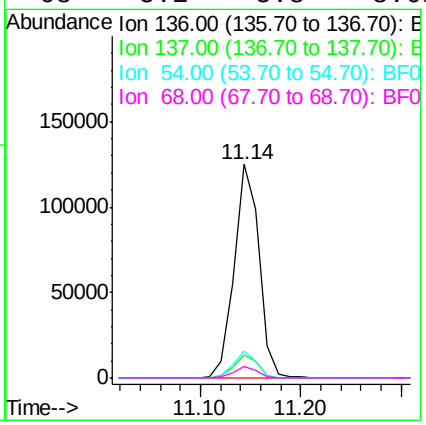


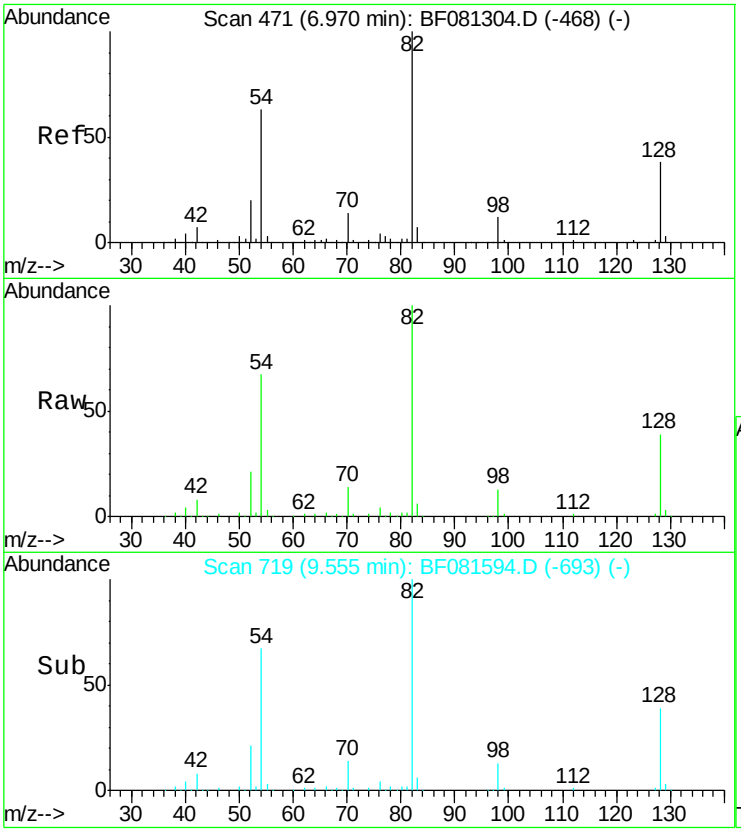


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:136 Resp: 214040

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.6	8.2	12.2#
68	5.2	5.8	8.6#



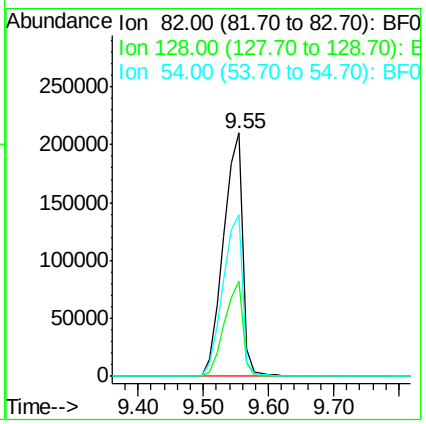


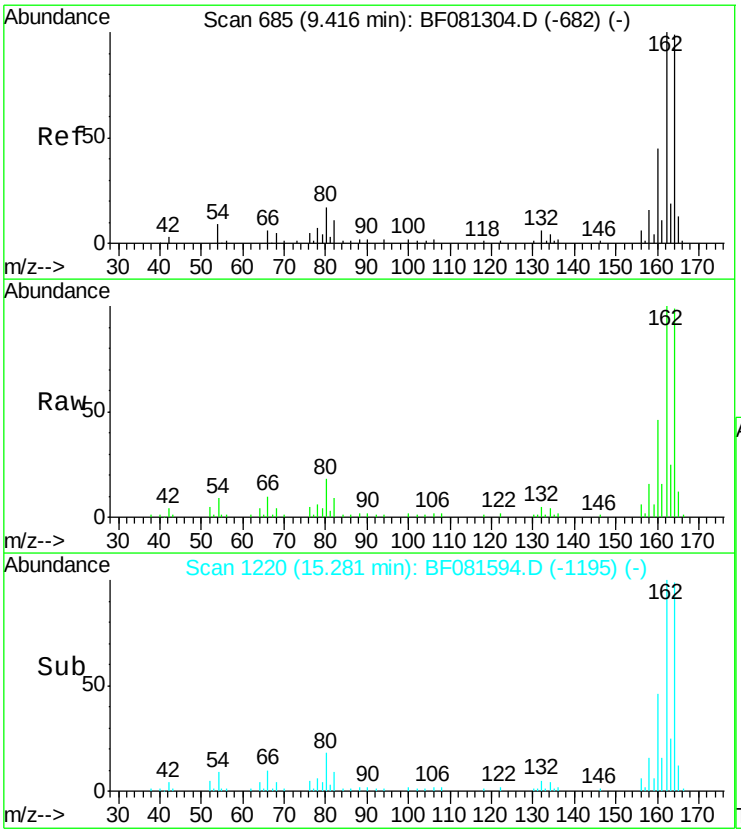
#23
Nitrobenzene-d5
Concen: 96.90 ng
RT: 9.55 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion: 82 Resp: 429886

Ion	Ratio	Lower	Upper
82	100		
128	39.2	51.0	76.6#
54	66.6	47.5	71.3

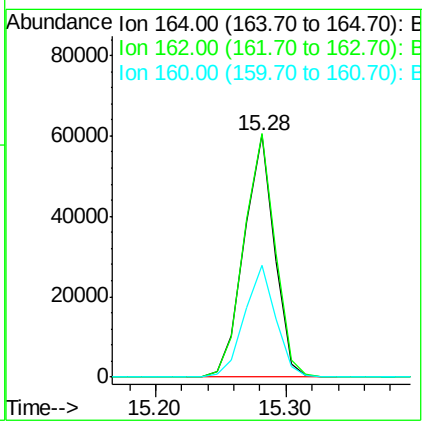


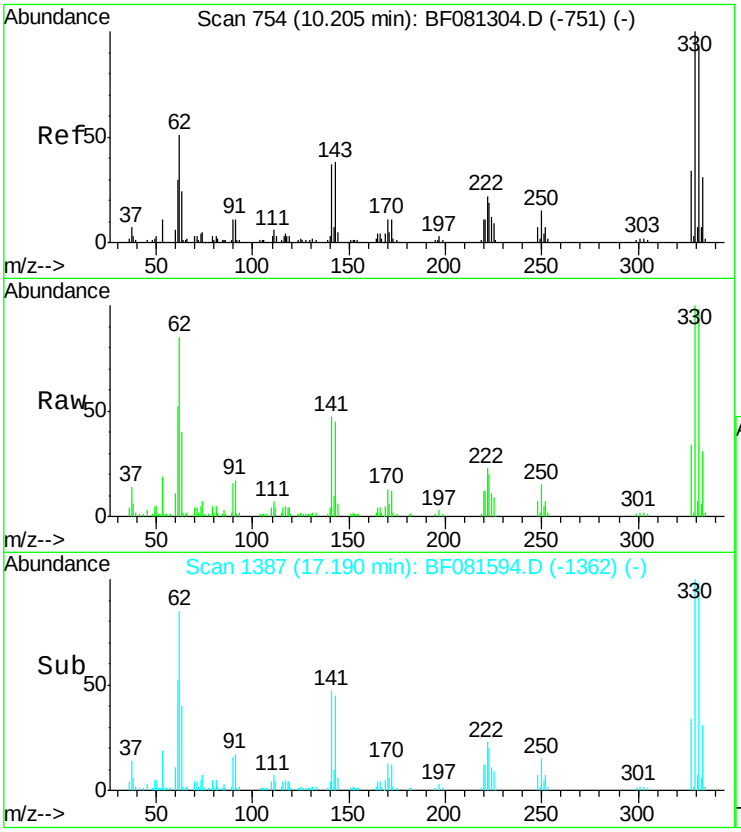


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.28 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:164 Resp: 98158

Ion	Ratio	Lower	Upper
164	100		
162	100.5	75.2	112.8
160	46.3	31.5	47.3



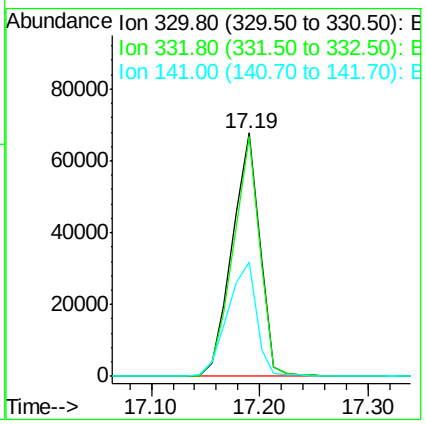


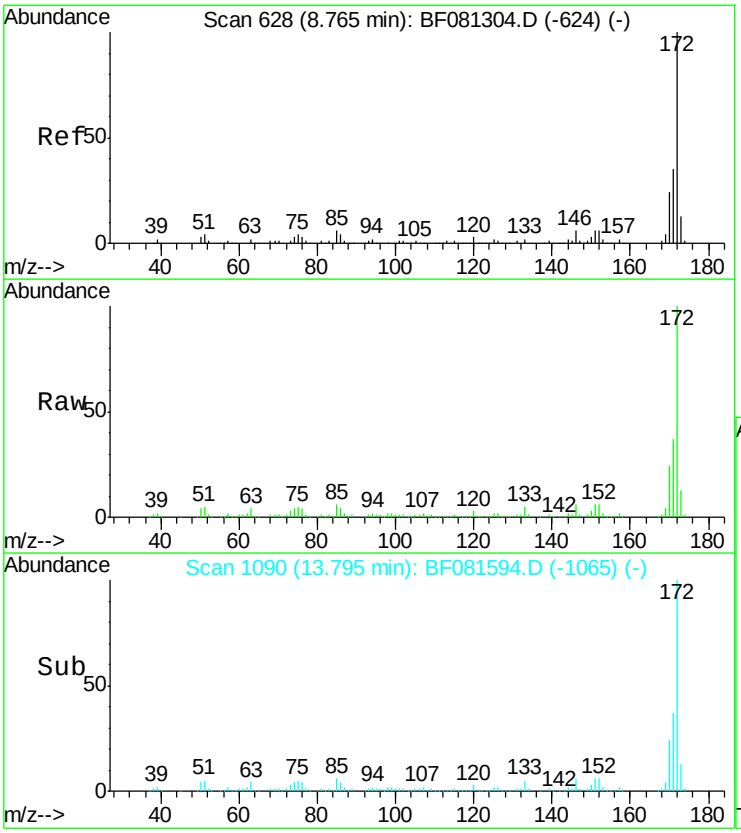
#41
2,4,6-Tribromophenol
Concen: 135.70 ng
RT: 17.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:330 Resp: 118598

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	49.3	29.7	44.5#

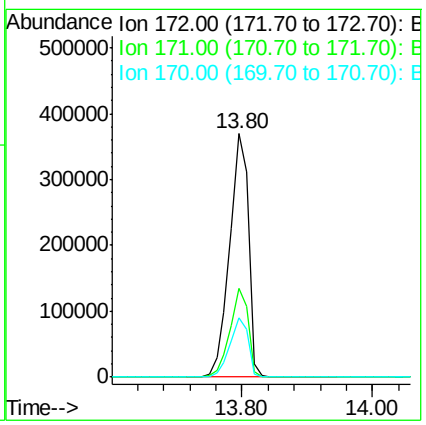


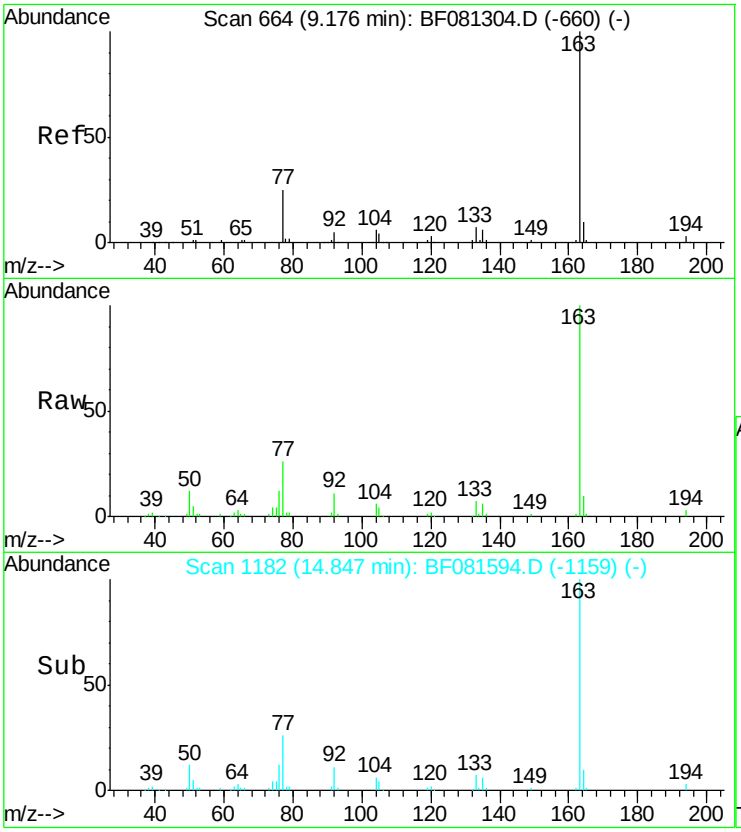


#44
2-Fluorobiphenyl
Concen: 96.01 ng
RT: 13.80 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:172 Resp: 735431

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.1	39.1
170	24.4	17.4	26.2



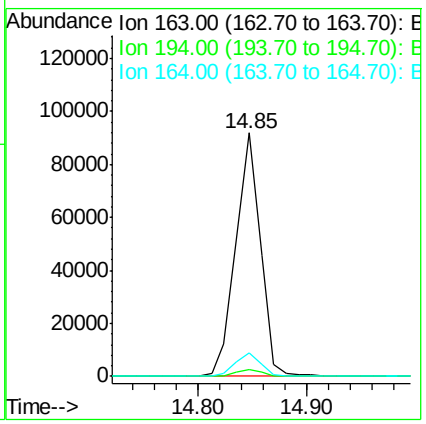


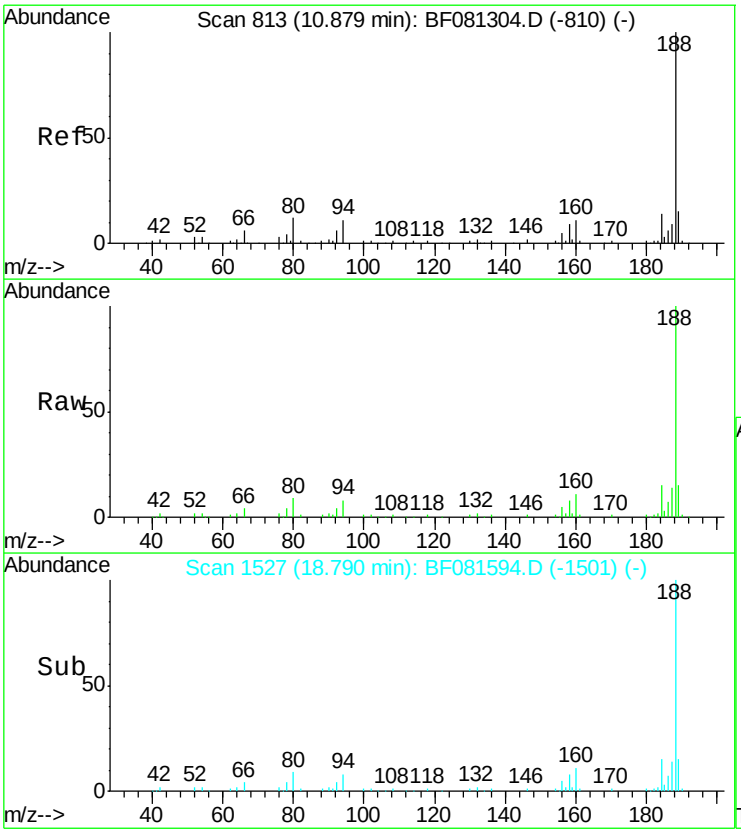
#49
Dimethylphthalate
Concen: 18.84 ng
RT: 14.85 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:163 Resp: 143700

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	9.7	8.3	12.5

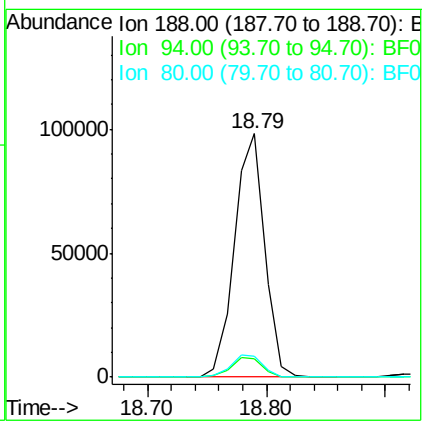


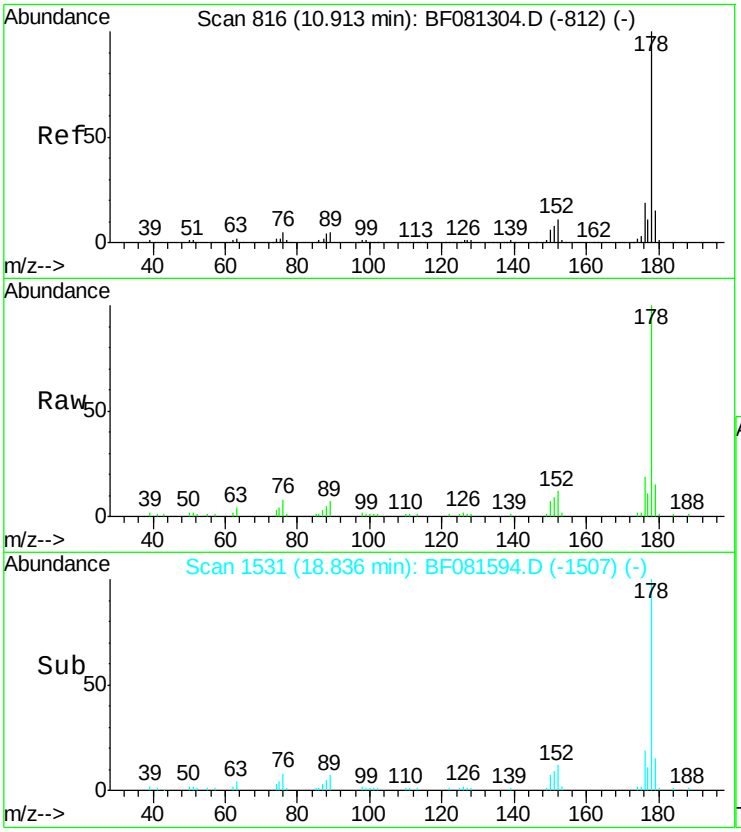


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:188 Resp: 173571

Ion	Ratio	Lower	Upper
188	100		
94	7.8	11.1	16.7#
80	8.5	11.0	16.4#



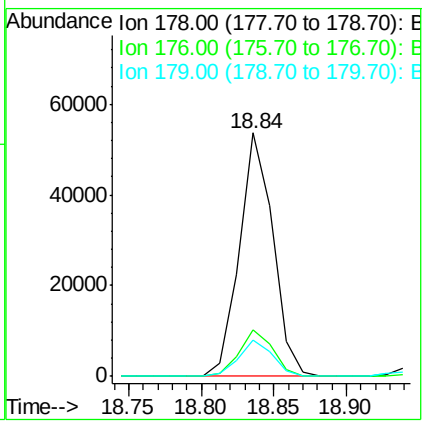


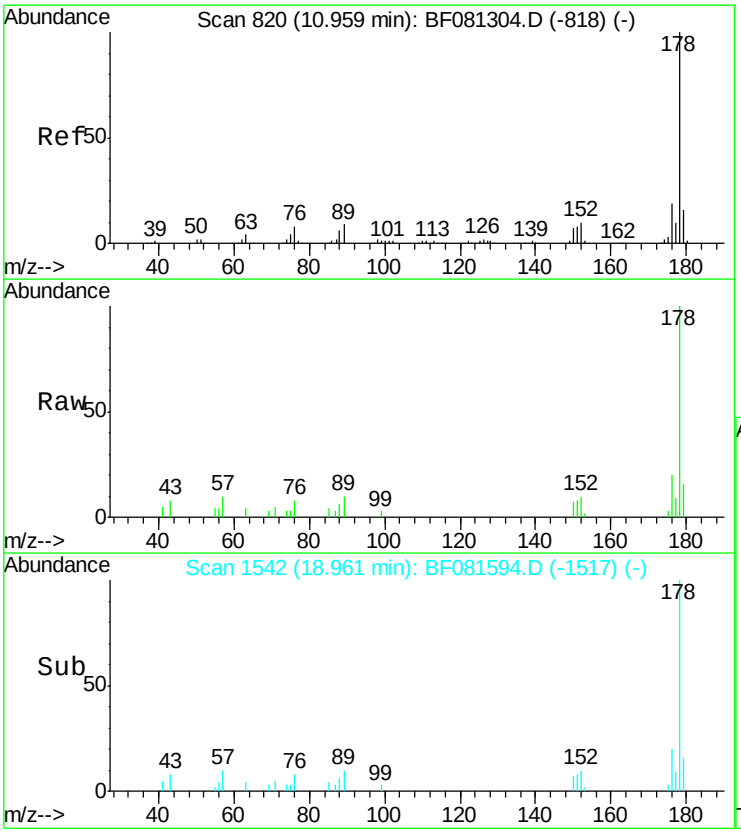
#70
Phenanthrene
Concen: 8.91 ng
RT: 18.84 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:178 Resp: 85988

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.9	12.2	18.2

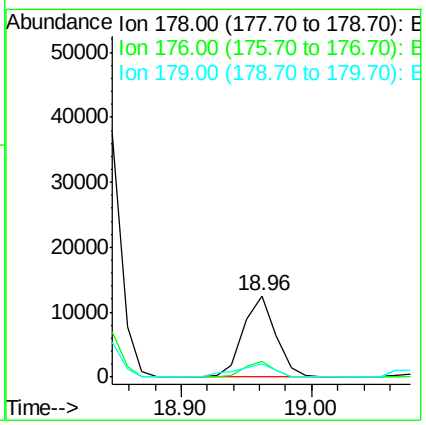


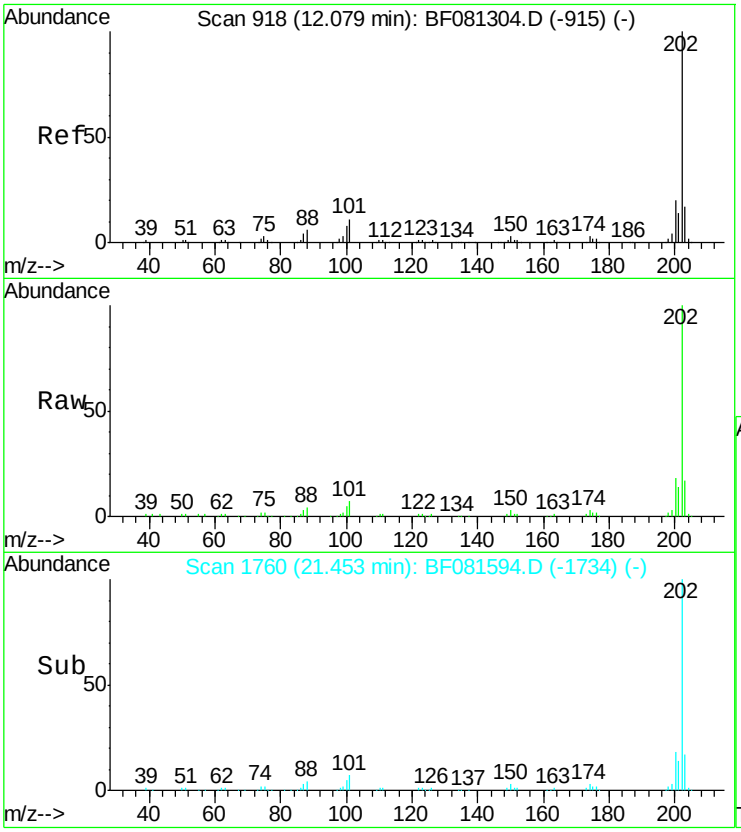


#71
Anthracene
Concen: 2.19 ng
RT: 18.96 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:178 Resp: 21664

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.1	21.1
179	15.9	12.2	18.2



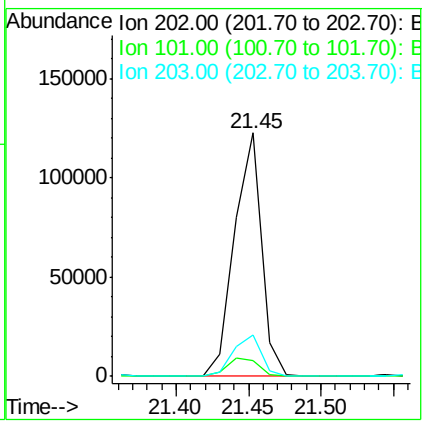


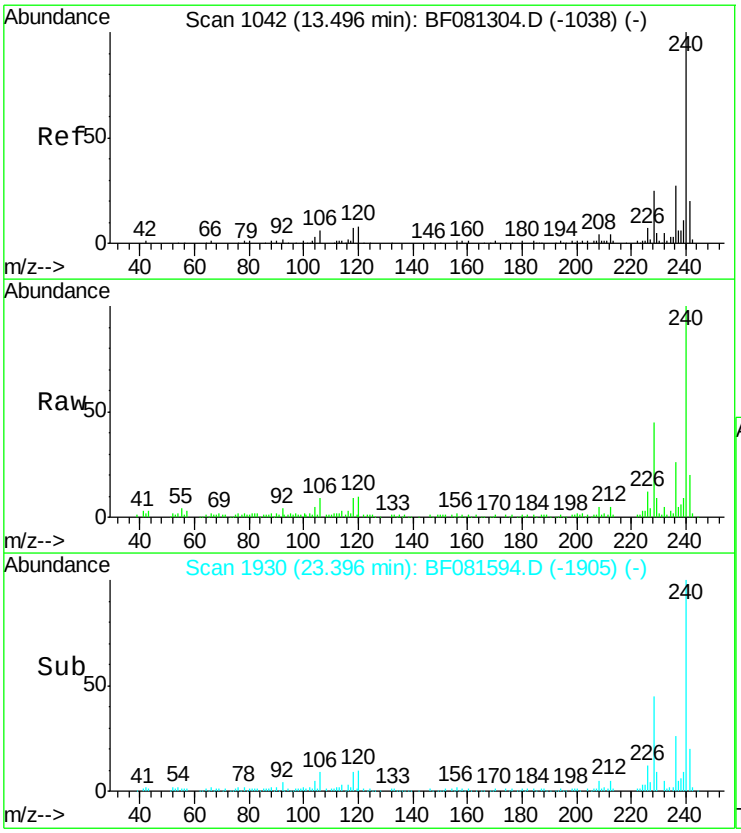
#74
Fluoranthene
Concen: 15.24 ng
RT: 21.45 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:202 Resp: 159241

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	38.3
203	17.1	0.0	37.3

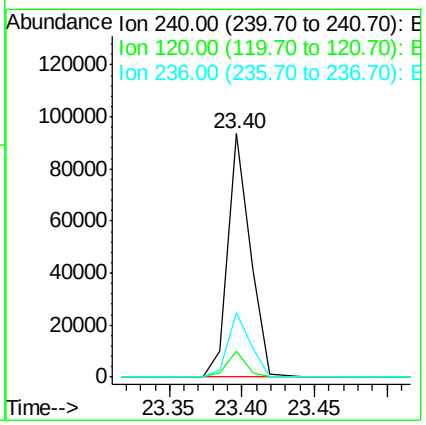


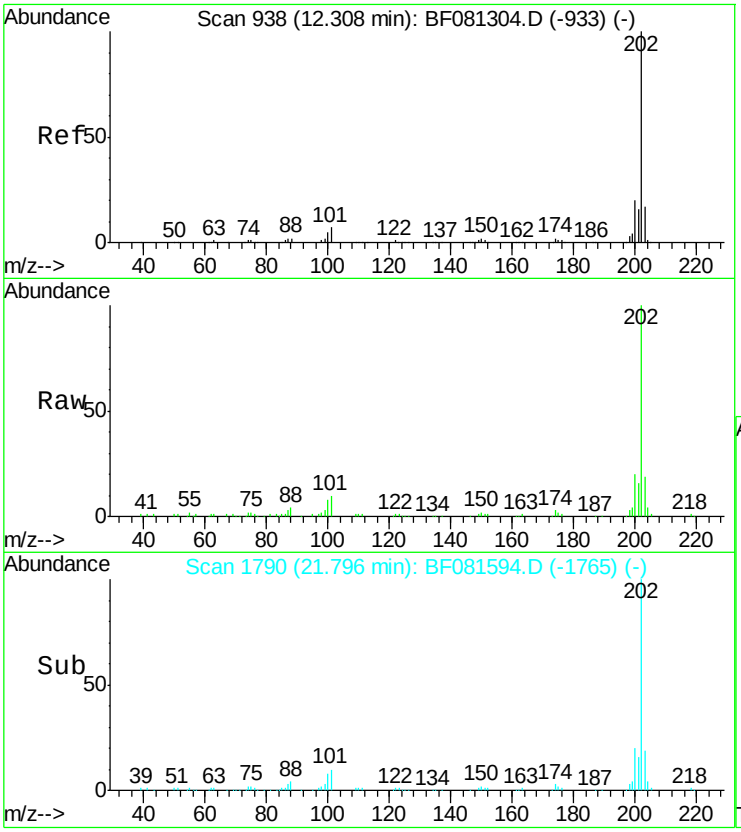


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:240 Resp: 100556

Ion	Ratio	Lower	Upper
240	100		
120	10.5	16.2	24.2#
236	26.4	18.4	27.6



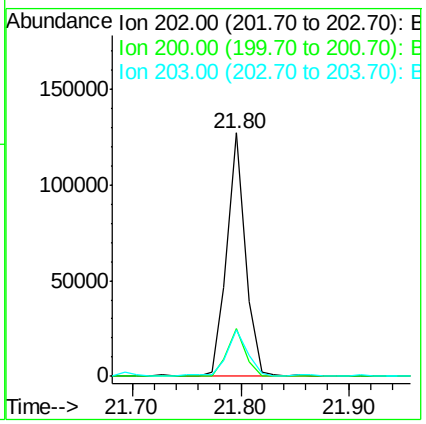


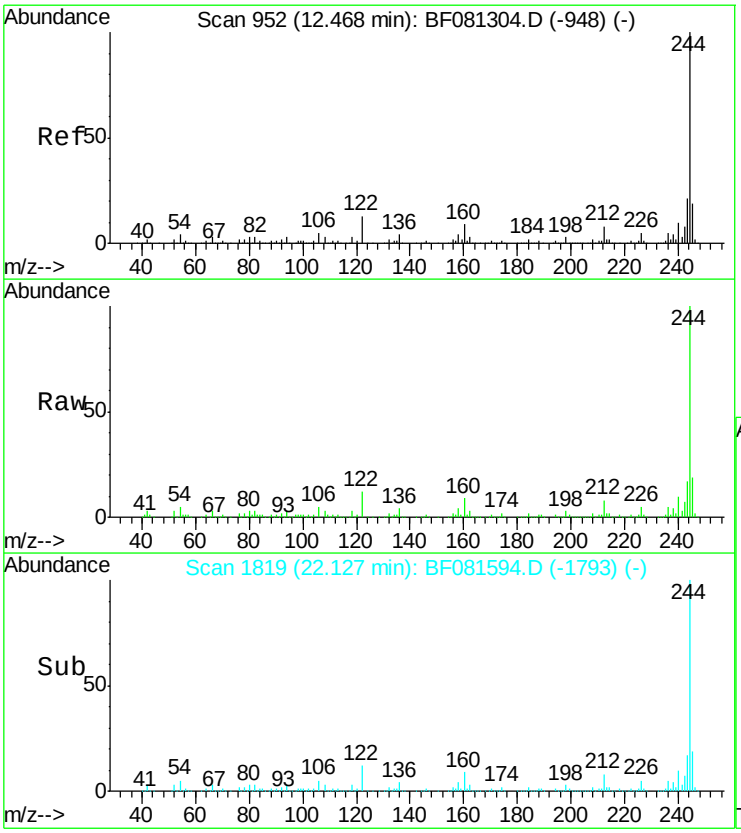
#77
Pyrene
Concen: 20.14 ng
RT: 21.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:202 Resp: 150045

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	19.2	14.1	21.1

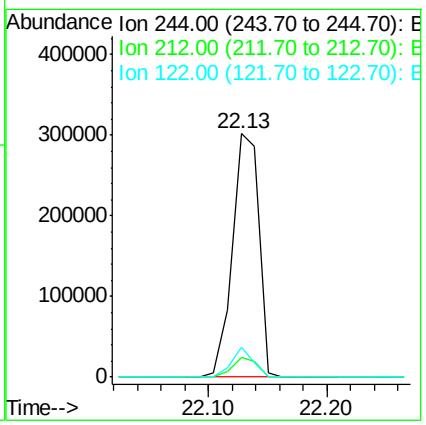


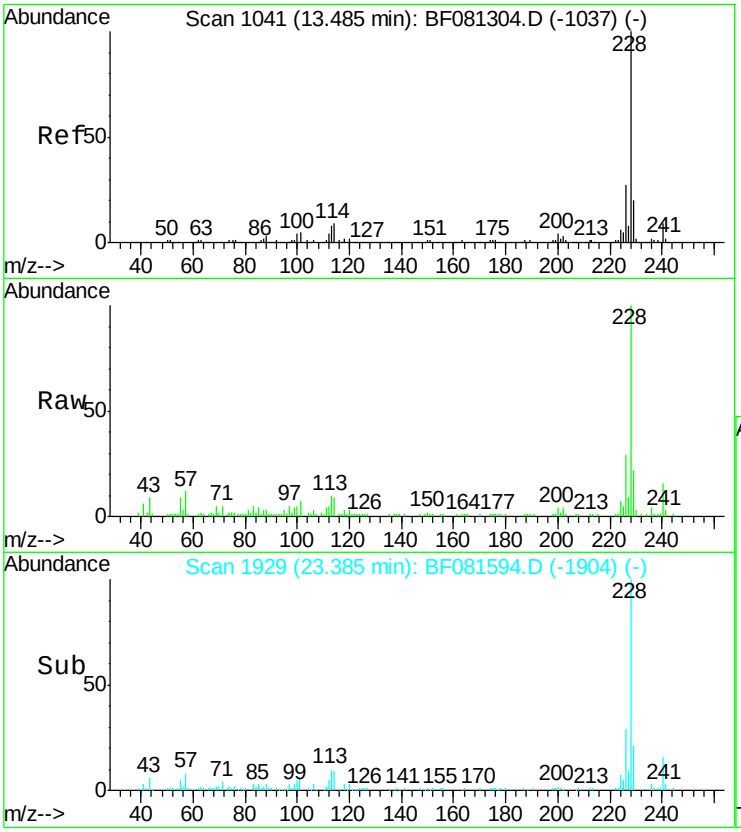


#78
Terphenyl-d14
Concen: 108.28 ng
RT: 22.13 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:244 Resp: 467724

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.4	17.4	26.2#



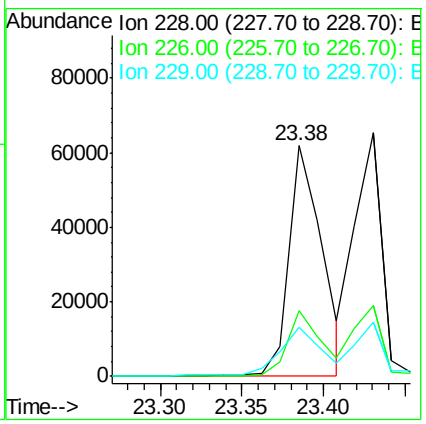


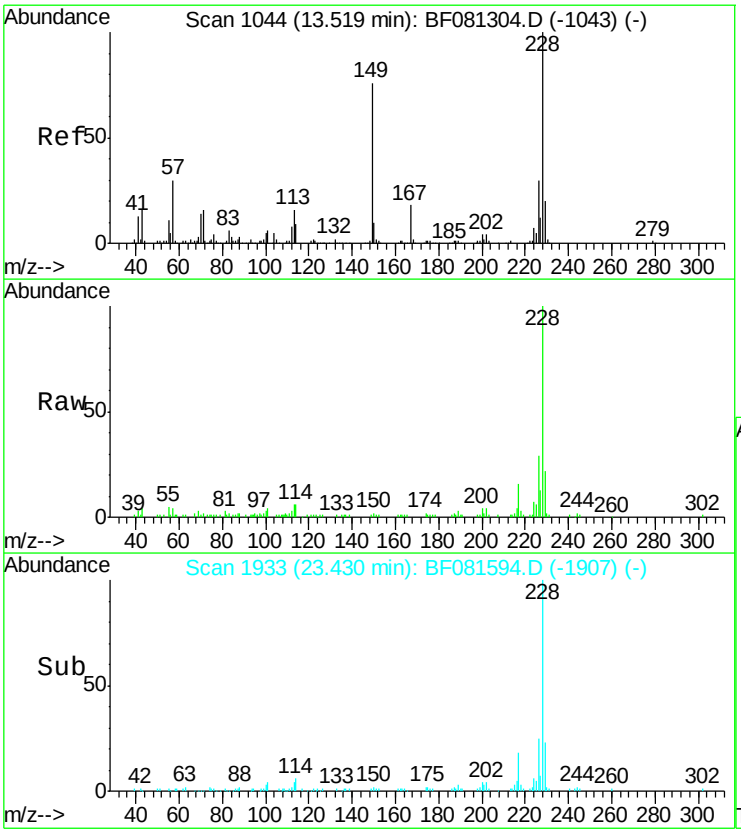
#80
Benzo(a)anthracene
Concen: 13.71 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:228 Resp: 87814

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.0	30.0
229	21.5	15.4	23.2

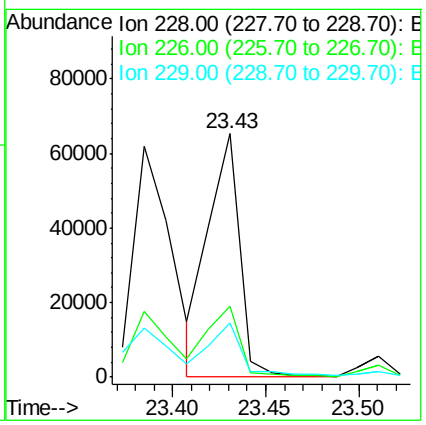


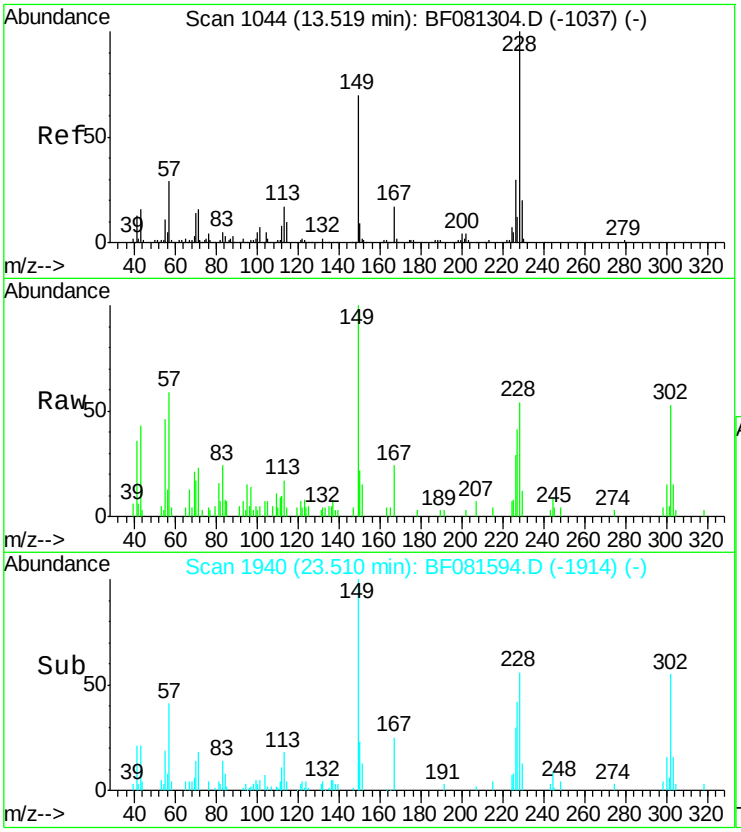


#82
Chrysene
Concen: 13.39 ng
RT: 23.43 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:228 Resp: 76876

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	22.3	15.6	23.4



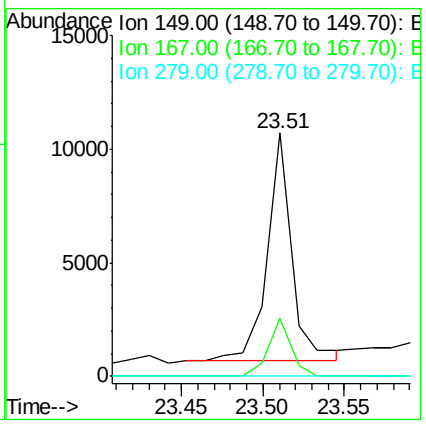


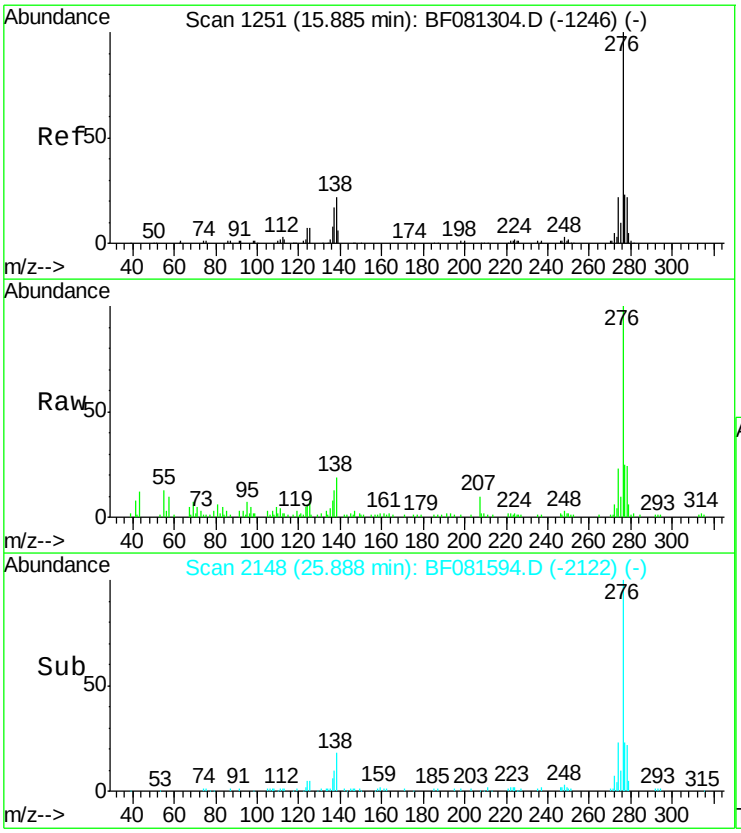
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.44 ng
RT: 23.51 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:149 Resp: 10438

Ion	Ratio	Lower	Upper
149	100		
167	23.8	24.2	36.2#
279	0.0	3.8	5.6#

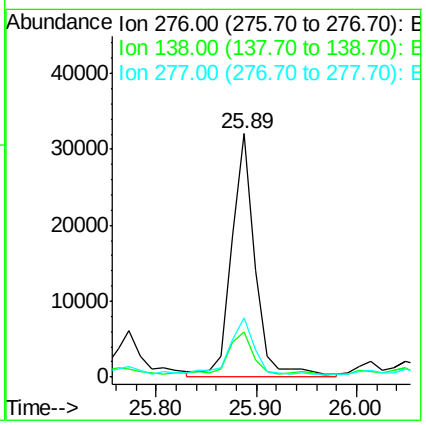


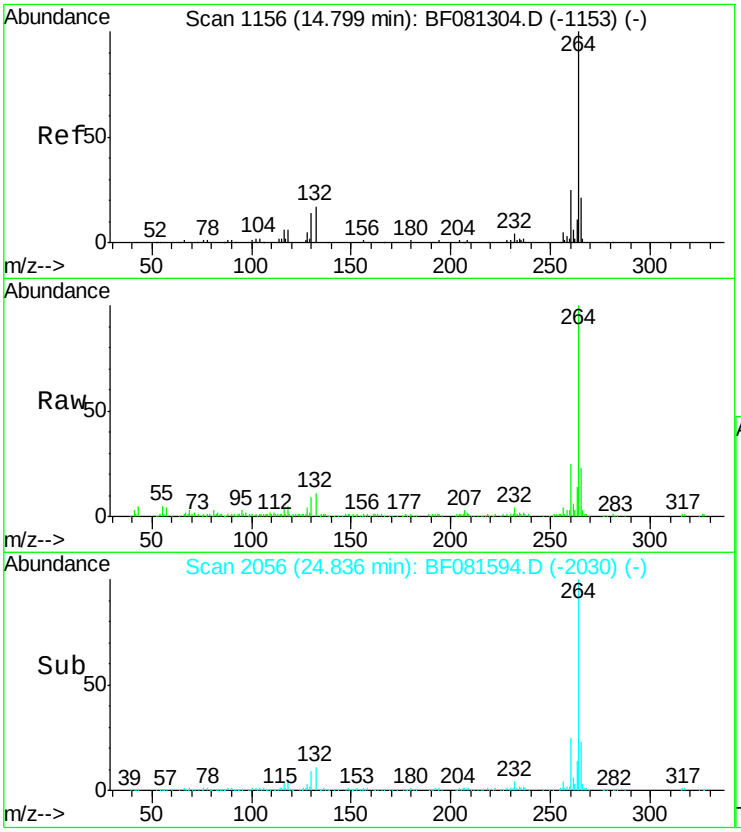


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.50 ng
RT: 25.89 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:276 Resp: 52659

Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.7	38.5#
277	27.9	15.6	23.4#



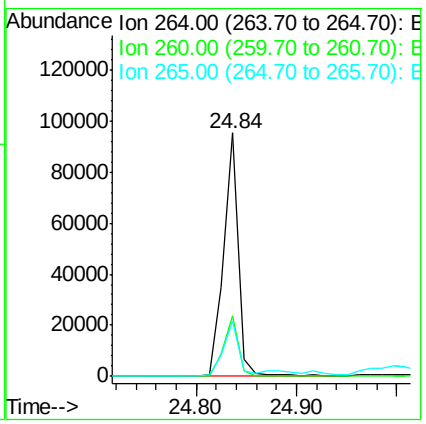


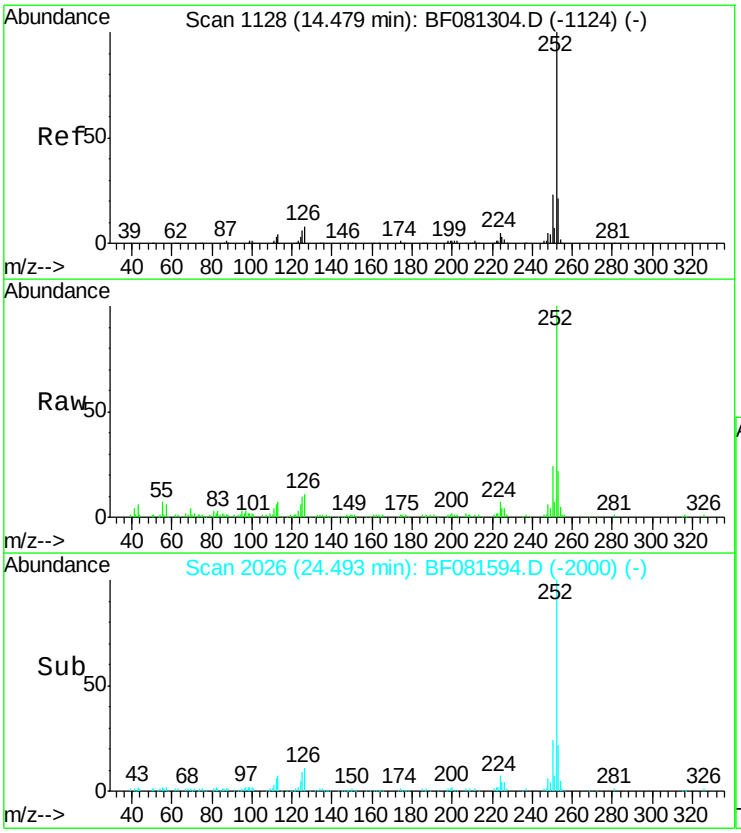
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:264 Resp: 97457

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.9	17.2	25.8

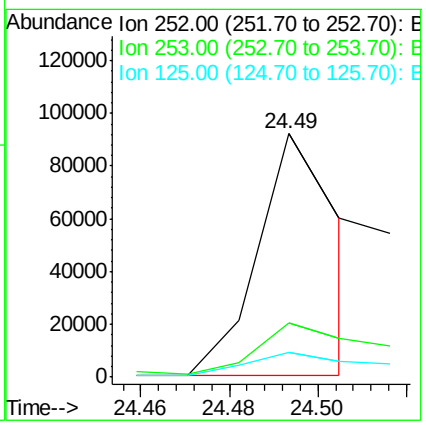


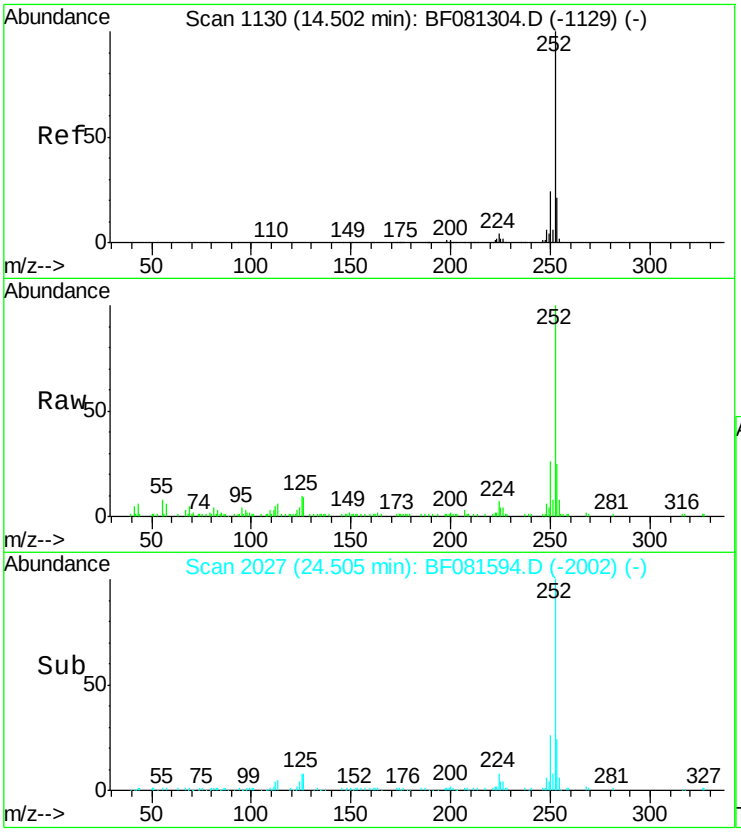


#87
Benzo(b)fluoranthene
Concen: 17.04 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:252 Resp: 118528

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.0	17.1	25.7#



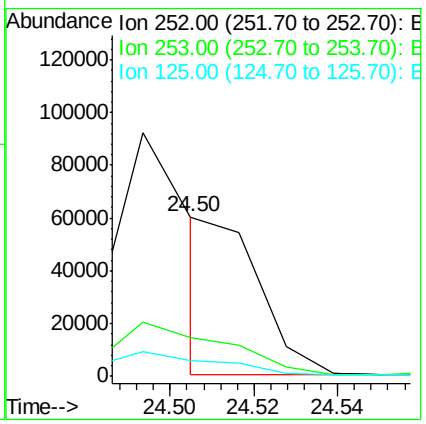


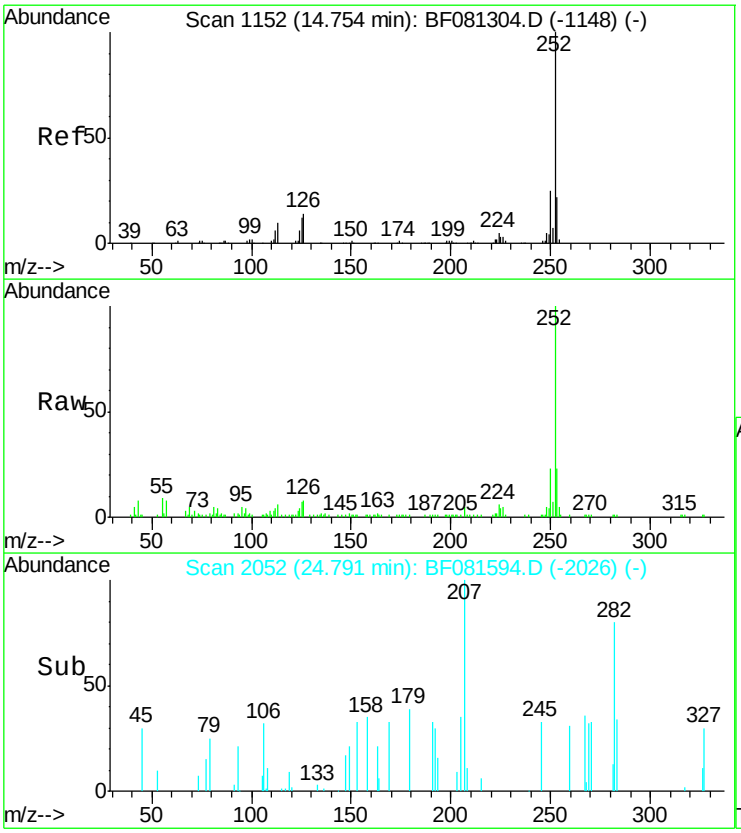
#88
Benzo(k)fluoranthene
Concen: 7.72 ng m
RT: 24.50 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:252 Resp: 44581

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	9.6	16.0	24.0#

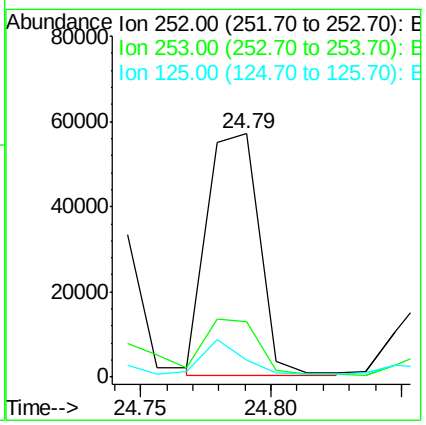


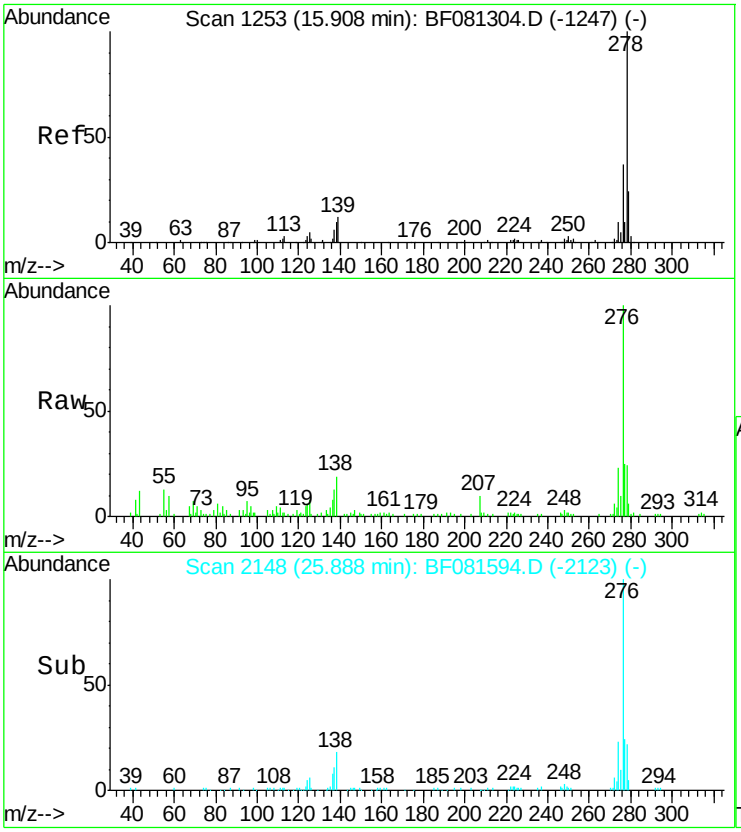


#89
Benzo(a)pyrene
Concen: 13.54 ng
RT: 24.79 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:252 Resp: 79840

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.8	18.0	27.0#



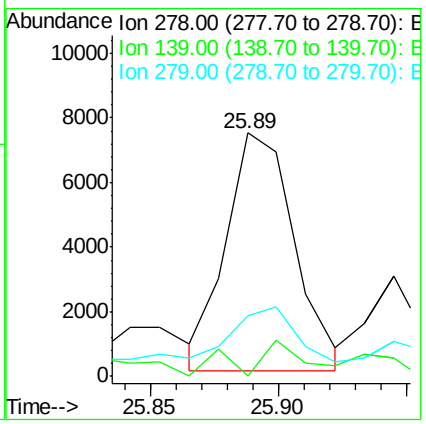


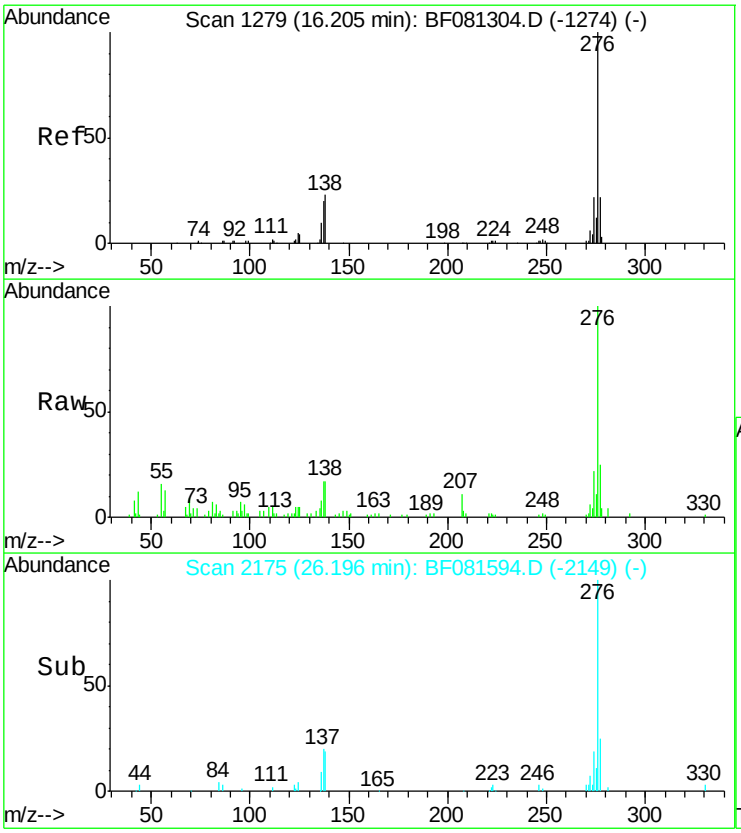
#90
Dibenzo(a,h)anthracene
Concen: 3.03 ng m
RT: 25.89 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Instrument :
BNA_F
ClientSampleId :
SB-09(0-0.16)

Tgt Ion:278 Resp: 13802

Ion	Ratio	Lower	Upper
278	100		
139	0.0	26.3	39.5#
279	24.9	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 10.60 ng
RT: 26.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF081594.D
Acq: 11 Sep 2015 21:10

Tgt Ion:276 Resp: 46113

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.8	26.6
138	17.5	34.6	51.8#