Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB3(1.5-2)

Quant Time: Sep 11 02:05:00 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 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	49923	20.00	ng		0.00
21) Naphthalene-d8	11.17	136	182908	20.00	ng		0.00
38) Acenaphthene-d10	15.29	164	76348	20.00	ng		-0.01
63) Phenanthrene-d10	18.81	188	128810	20.00	ng		0.00
75) Chrysene-d12	23.42	240	90317	20.00	ng		0.00
86) Perylene-d12	24.86	264	51073	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	355763	110.56	ng		0.01
7) Phenol-d6	7.70	99	488013	114.58	ng		0.01
23) Nitrobenzene-d5	9.57	82	318236	83.94	ng		0.00
41) 2,4,6-Tribromophenol	17.20	330	69357	102.02	ng		-0.01
44) 2-Fluorobiphenyl	13.81	172	509450	85.51	ng		-0.01
78) Terphenyl-d14	22.15	244	340756	87.83	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.87	163	98306	16.57	ng	#	97
70) Phenanthrene	18.86	178	17154	2.40	ng		94
74) Fluoranthene	21.46	202	49269	6.36	ng		88
77) Pyrene	21.81	202	45435	6.79	ng		97
80) Benzo(a)anthracene	23.41	228	19165	3.33	ng	#	84
82) Chrysene	23.44	228	24362	4.73	ng	#	86
83) Bis(2-ethylhexyl)phthalate	23.53	149	10249	2.67	ng		95
85) Indeno(1,2,3-cd)pyrene	25.93	276	12021	3.18	ng	#	74
87) Benzo(b)fluoranthene	24.52	252	26258m	7.20	ng		
88) Benzo(k)fluoranthene	24.53	252	10846m	3.58	ng		
89) Benzo(a)pyrene	24.81	252	15238	4.93	ng	#	78
91) Benzo(g,h,i)perylene	26.25	276	13161	5.78	ng	#	79

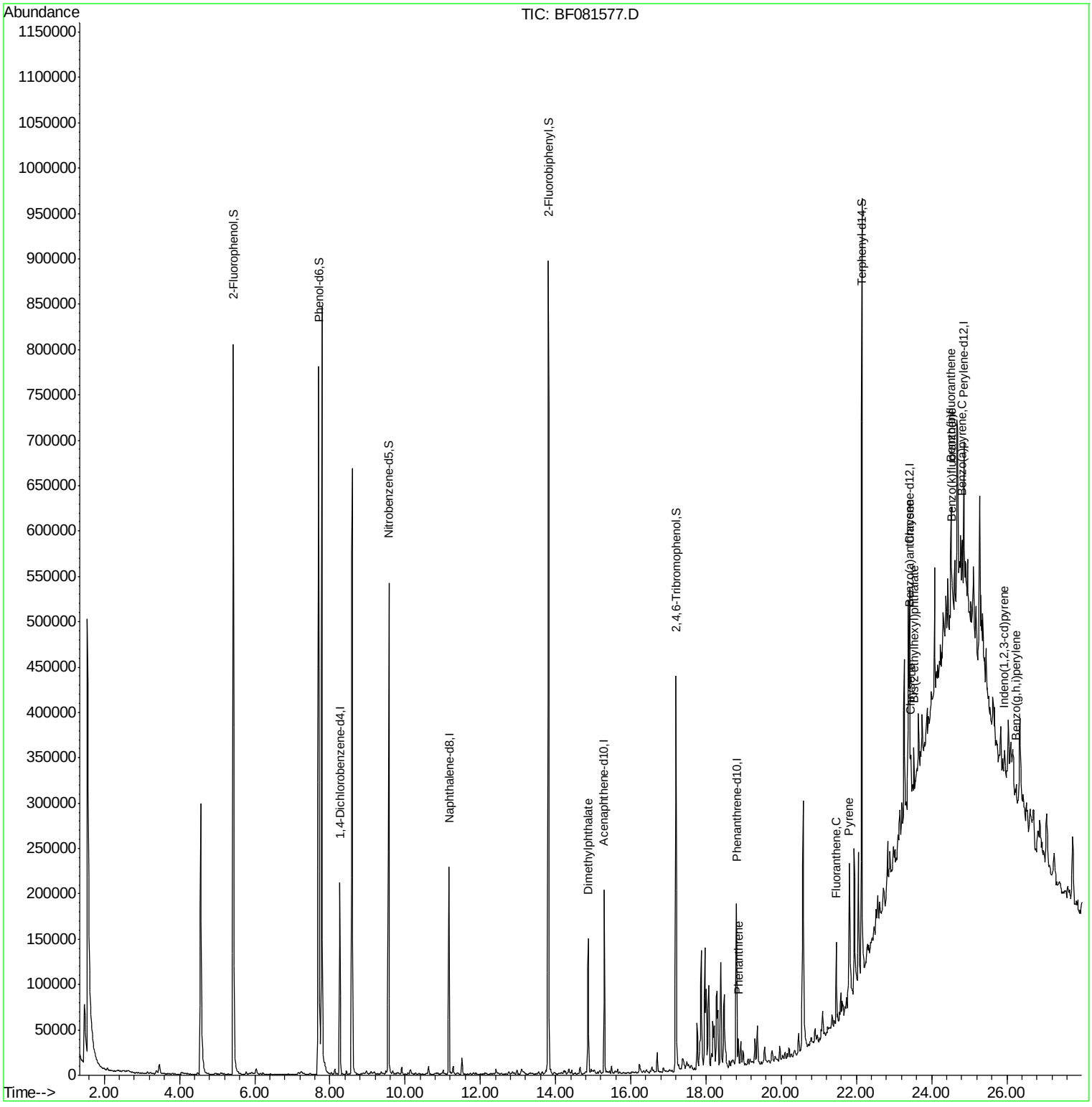
(#) = qualifier out of range (m) = manual integration (+) = signals summed

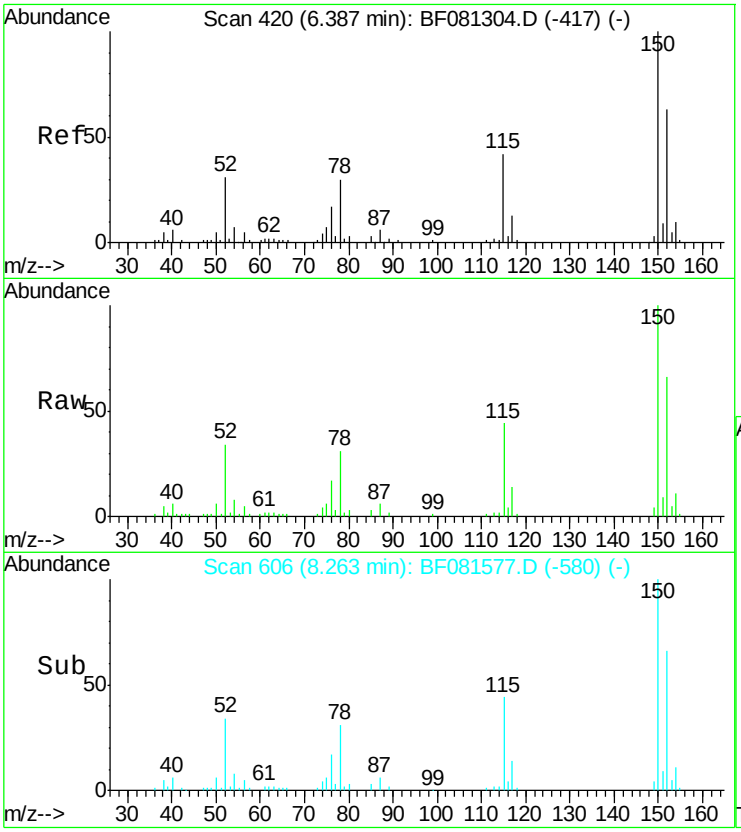
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081577.D
Acq On : 10 Sep 2015 20:57
Operator : UM/IZ
Sample : G3590-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Quant Time: Sep 11 02:05:00 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 00:38:02 2015
Response via : Initial Calibration



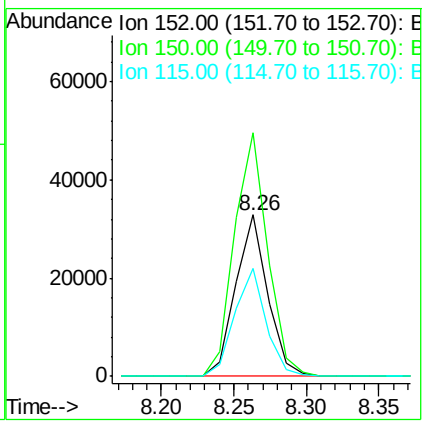


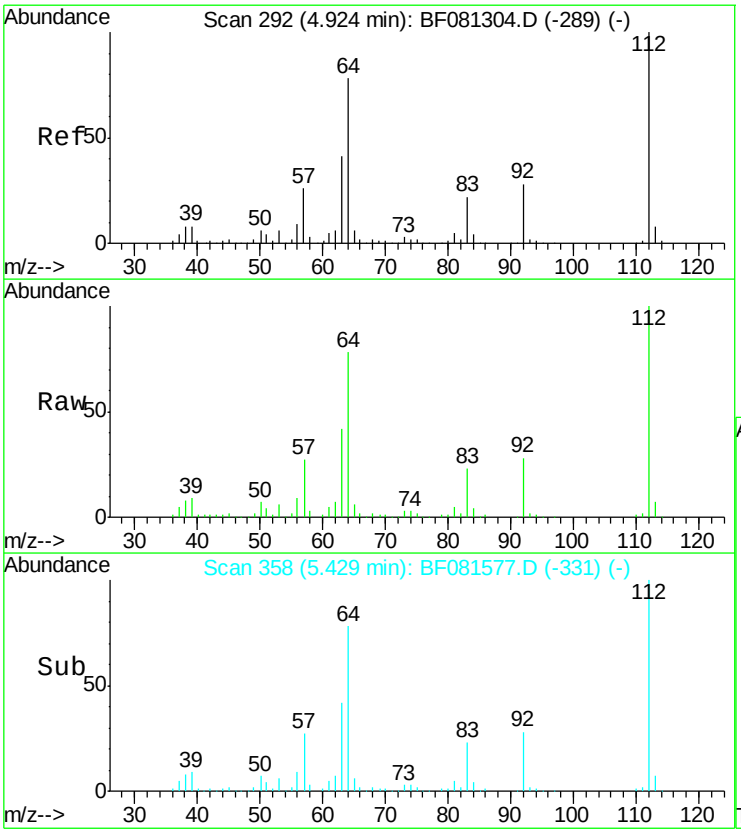
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:152 Resp: 49923

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.7	187.1
115	67.0	39.0	58.4#

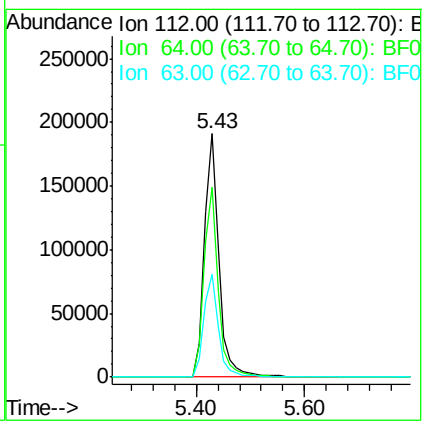


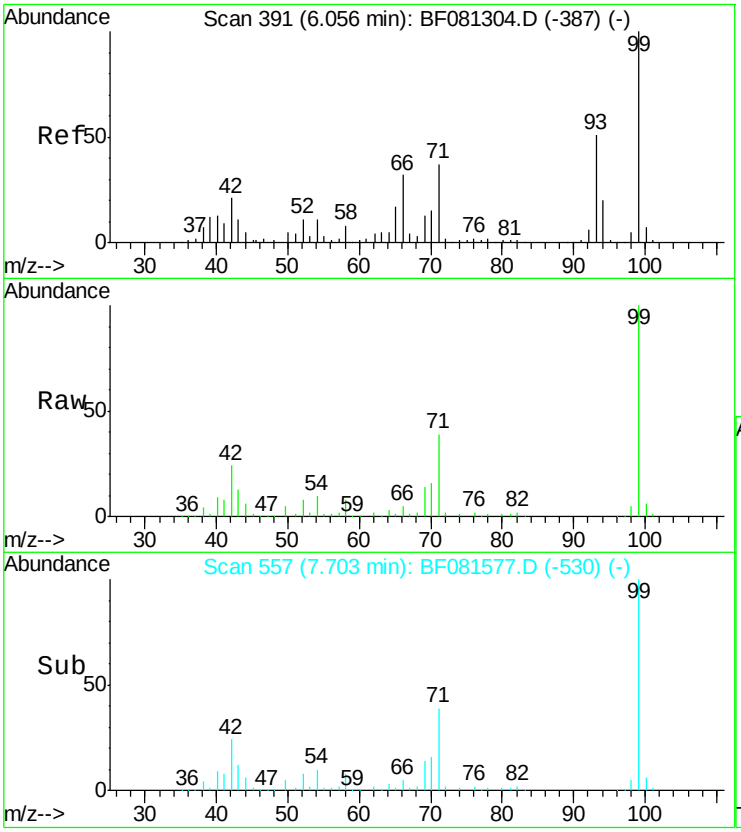


#5
2-Fluorophenol
Concen: 110.56 ng
RT: 5.43 min Scan# 358
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:112 Resp: 355763

Ion	Ratio	Lower	Upper
112	100		
64	78.0	39.7	59.5#
63	42.2	17.4	26.0#



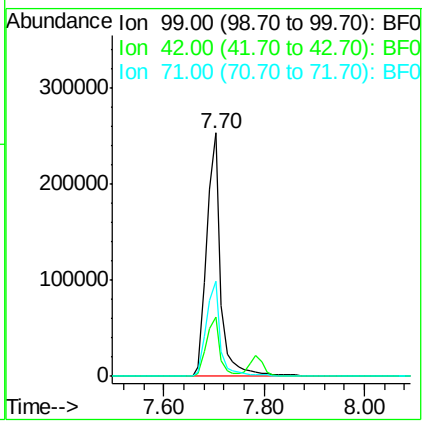


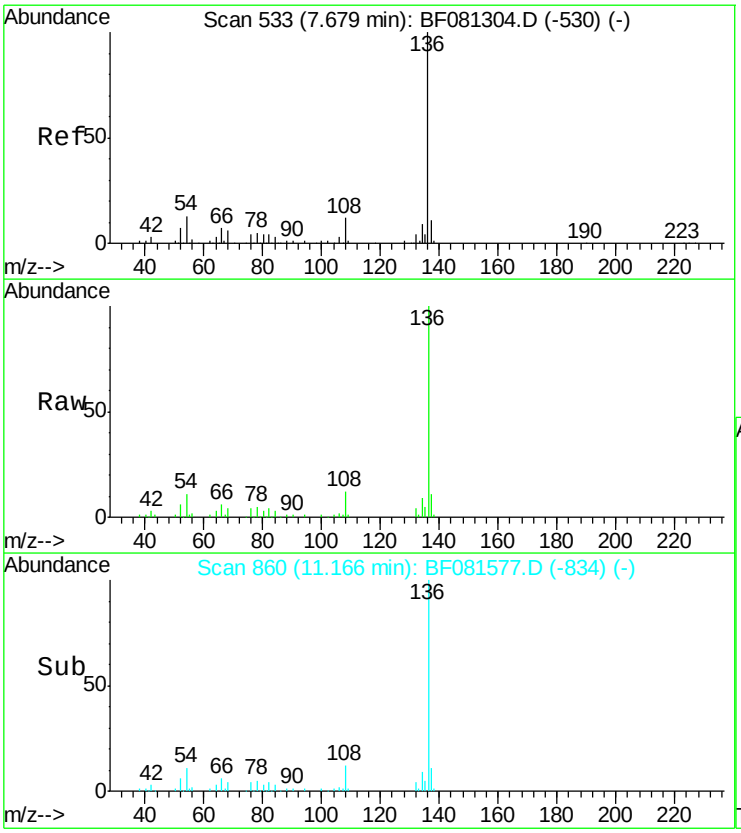
#7
Phenol-d6
Concen: 114.58 ng
RT: 7.70 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion: 99 Resp: 488013

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.7	20.5#
71	39.0	14.2	21.2#

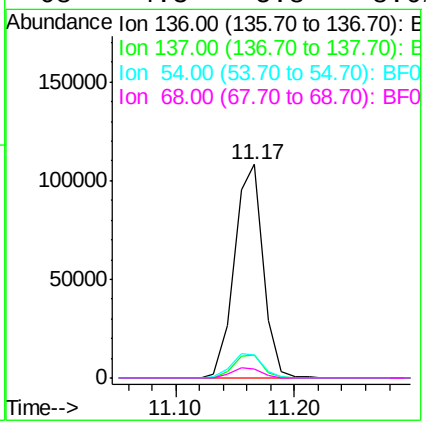


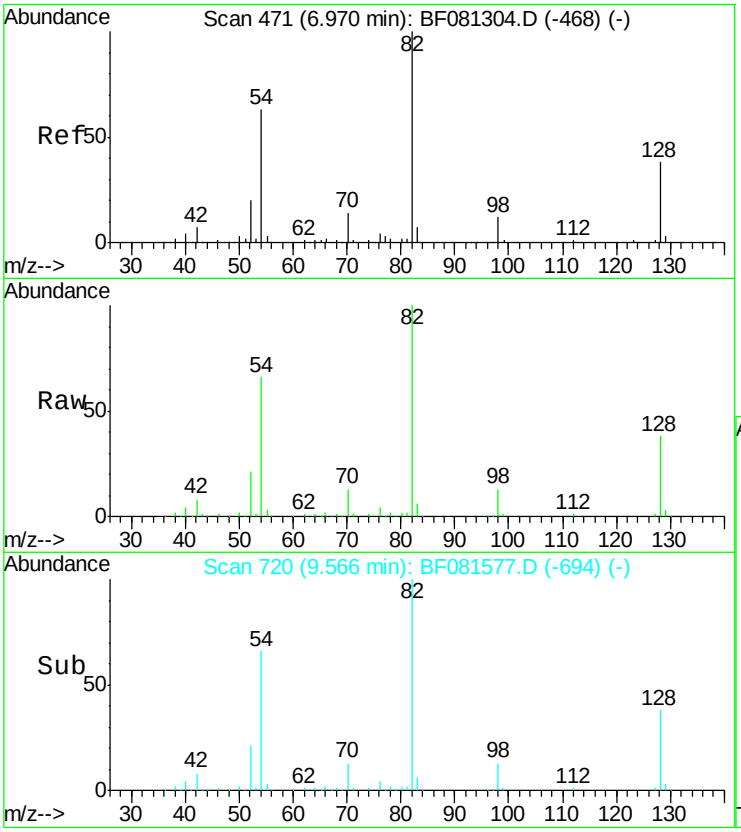


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:136 Resp: 182908

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	10.8	8.2	12.2
68	4.3	5.8	8.6#



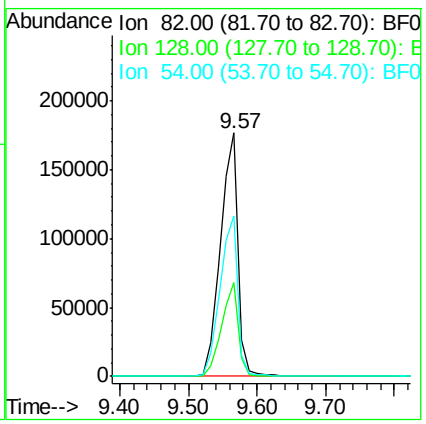


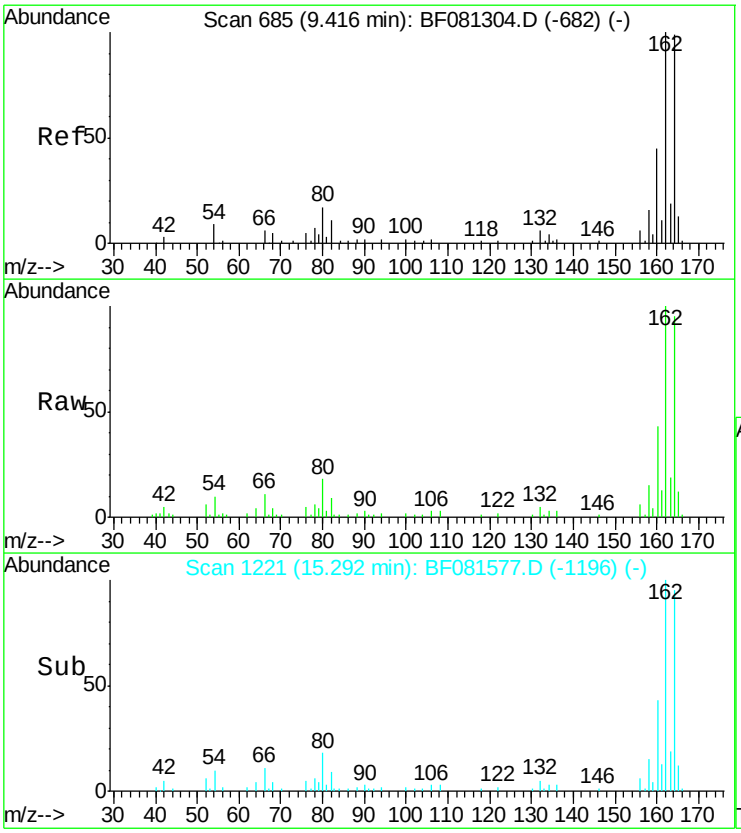
#23
Nitrobenzene-d5
Concen: 83.94 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion: 82 Resp: 318236

Ion	Ratio	Lower	Upper
82	100		
128	38.3	51.0	76.6#
54	65.8	47.5	71.3

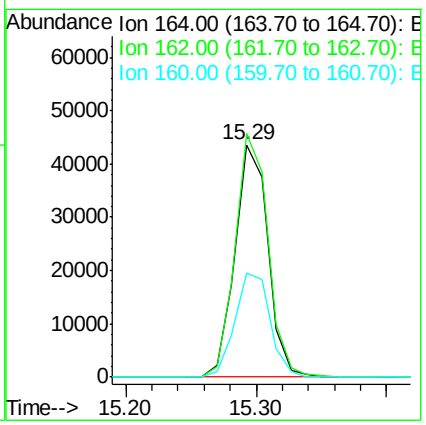


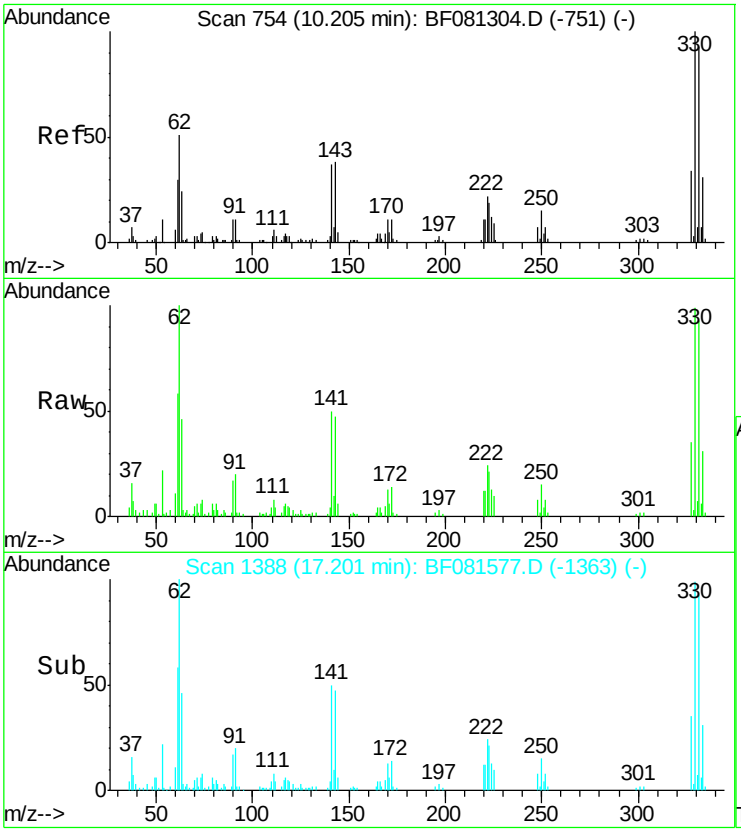


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:164 Resp: 76348

Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	45.0	31.5	47.3



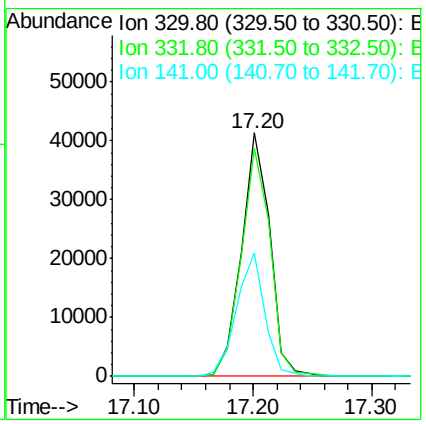


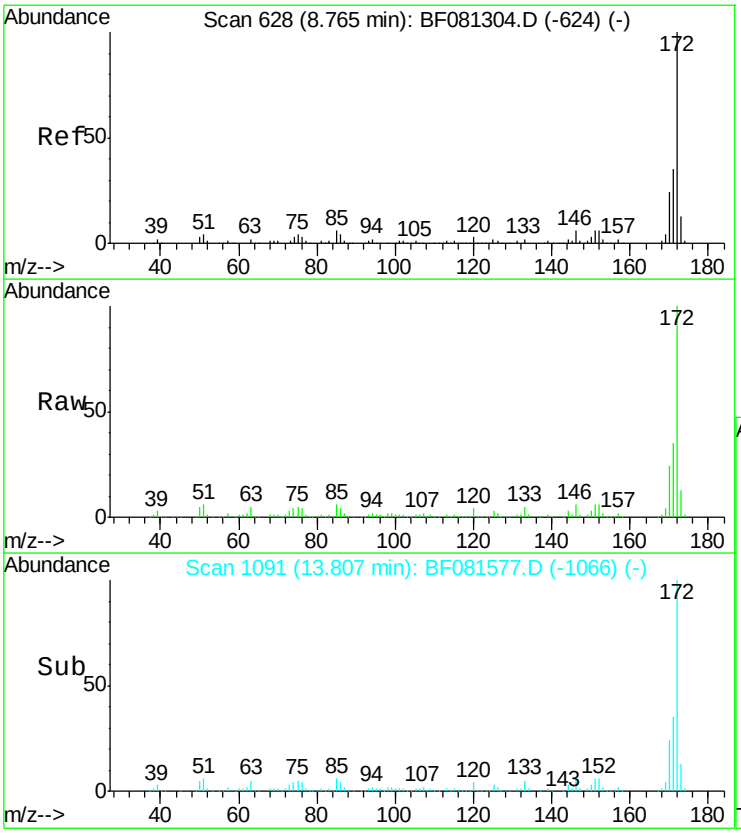
#41
2,4,6-Tribromophenol
Concen: 102.02 ng
RT: 17.20 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:330 Resp: 69357

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	50.3	29.7	44.5#

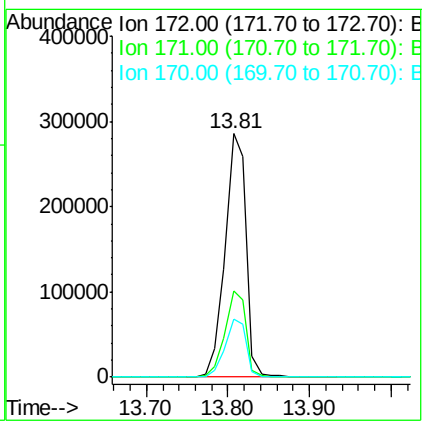


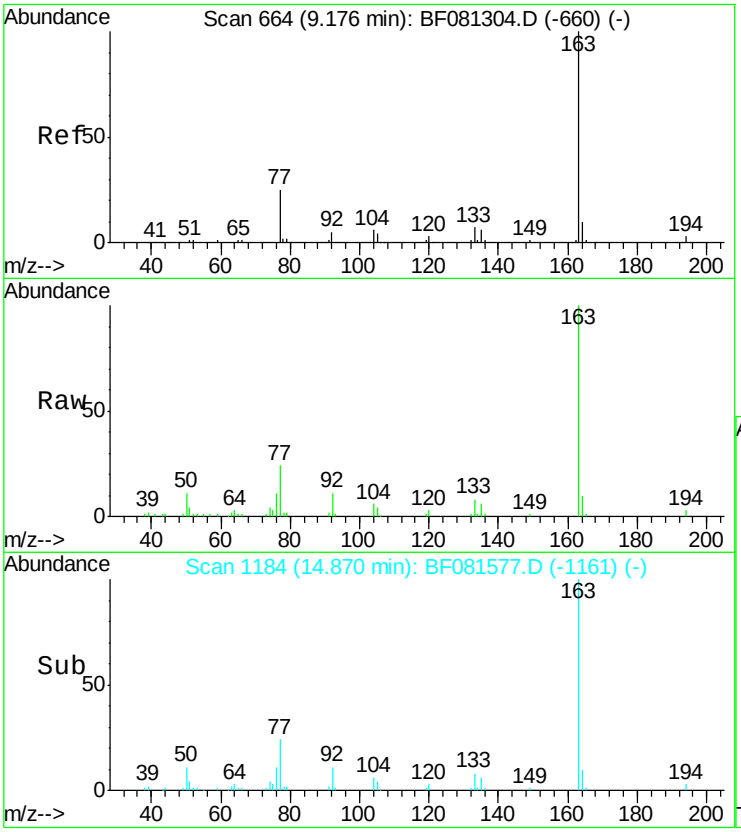


#44
2-Fluorobiphenyl
Concen: 85.51 ng
RT: 13.81 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:172 Resp: 509450

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.7	17.4	26.2



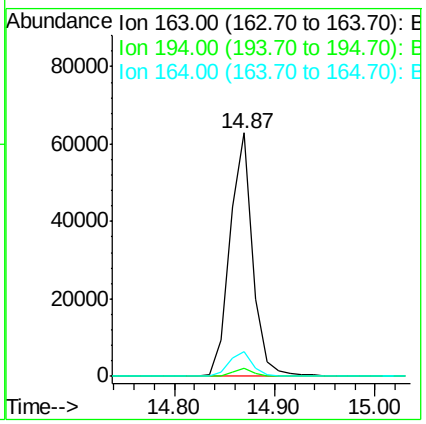


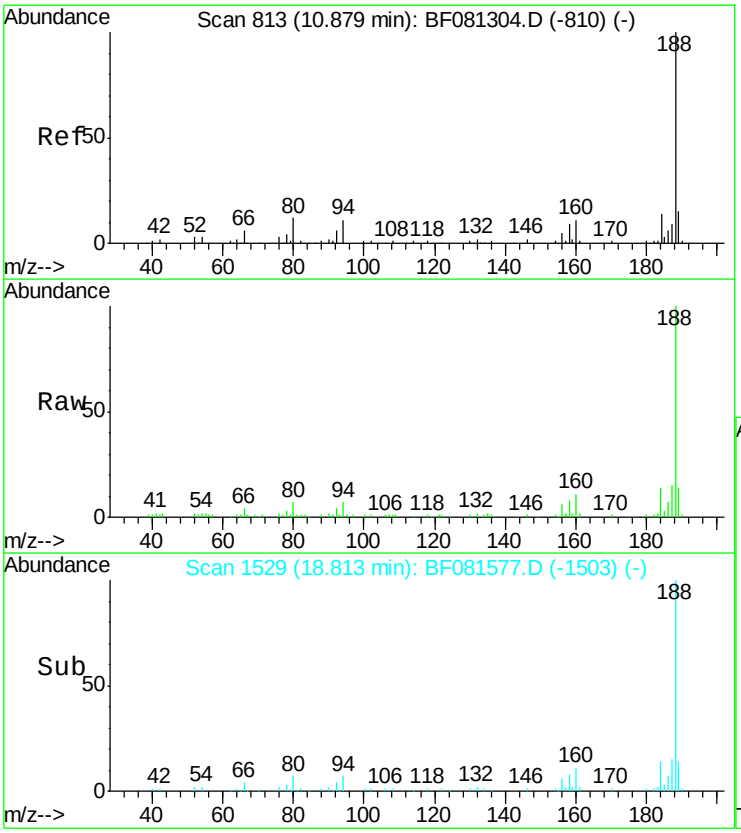
#49
Dimethylphthalate
Concen: 16.57 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:163 Resp: 98306

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	9.9	8.3	12.5

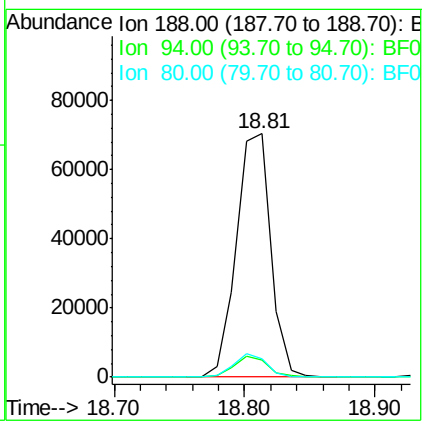


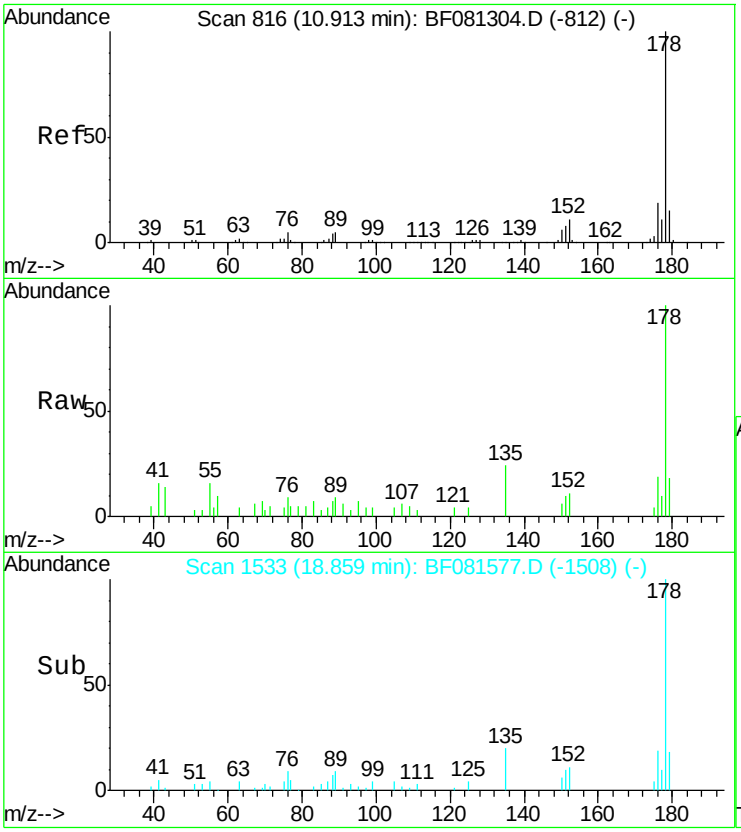


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.81 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:188 Resp: 128810

Ion	Ratio	Lower	Upper
188	100		
94	7.0	11.1	16.7#
80	7.4	11.0	16.4#



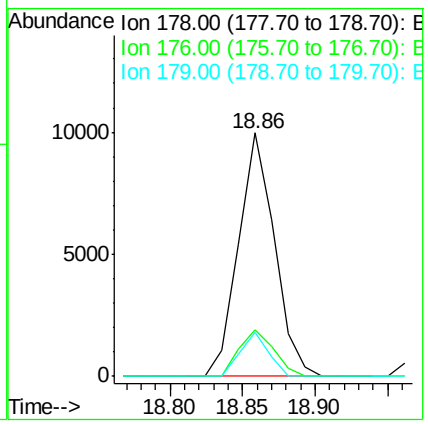


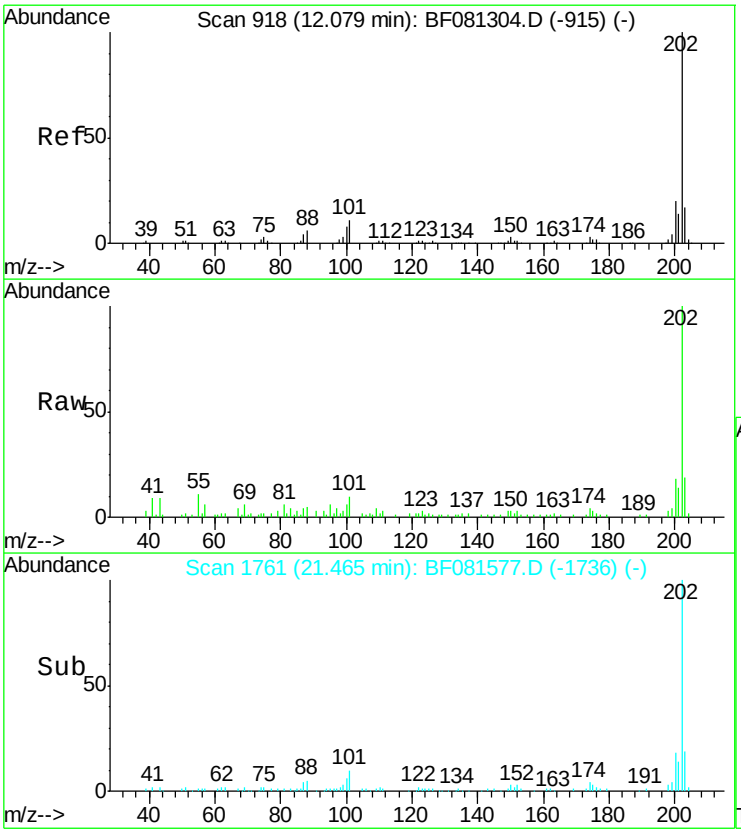
#70
Phenanthrene
Concen: 2.40 ng
RT: 18.86 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:178 Resp: 17154

Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.8	20.8
179	18.0	12.2	18.2

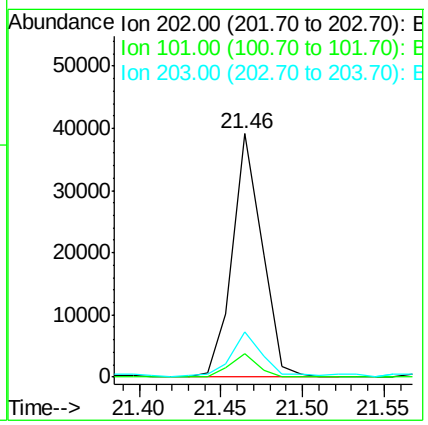


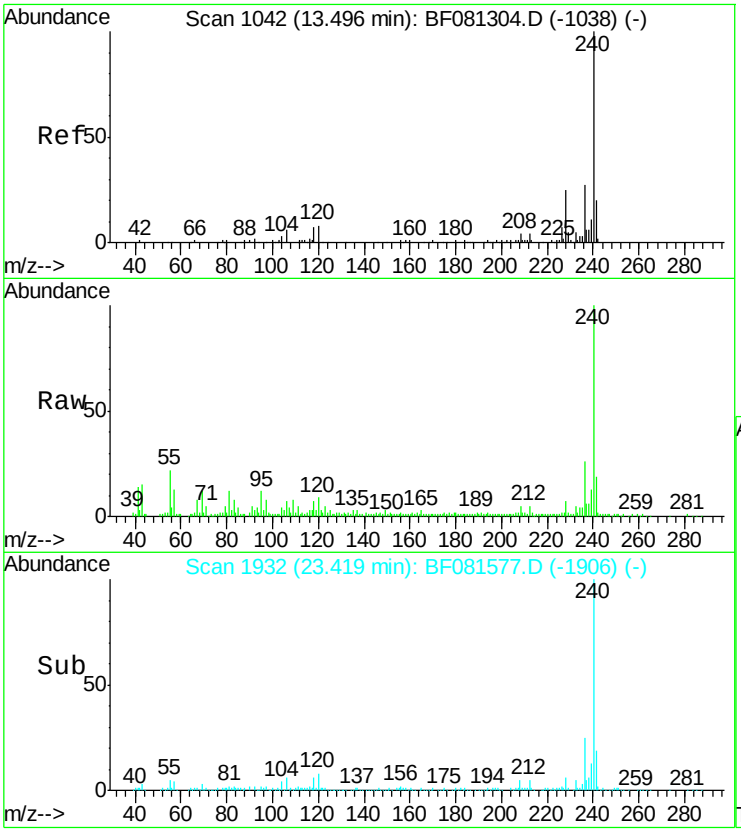


#74
Fluoranthene
Concen: 6.36 ng
RT: 21.46 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:202 Resp: 49269

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	38.3
203	18.7	0.0	37.3



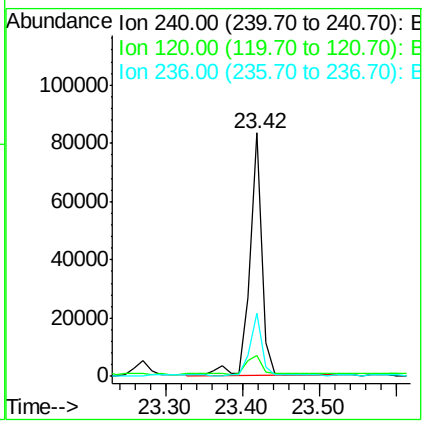


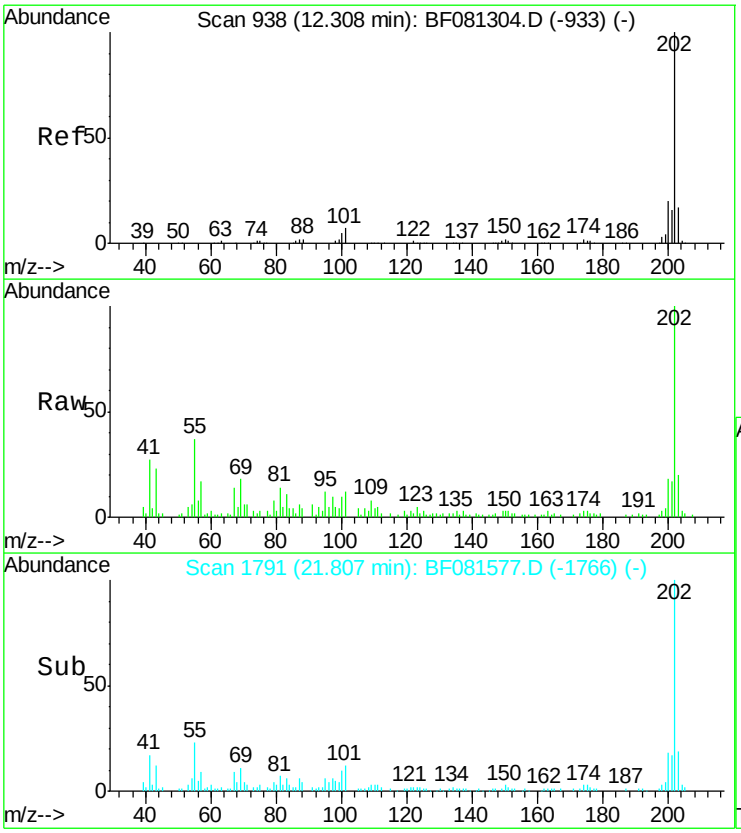
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:240 Resp: 90317

Ion	Ratio	Lower	Upper
240	100		
120	8.8	16.2	24.2#
236	25.8	18.4	27.6

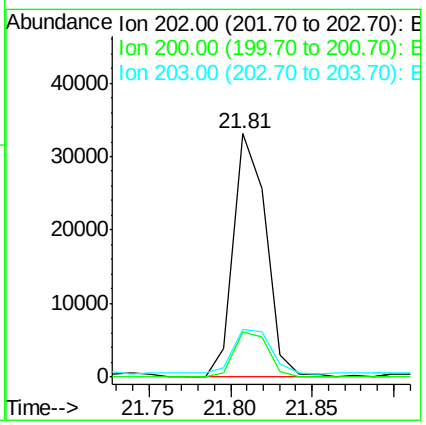


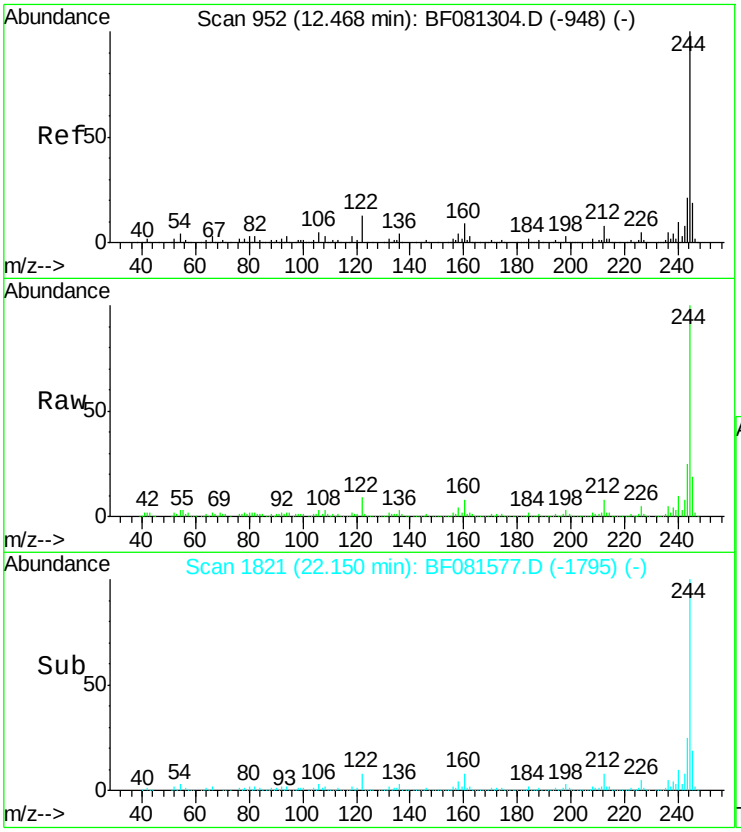


#77
Pyrene
Concen: 6.79 ng
RT: 21.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:202 Resp: 45435

Ion	Ratio	Lower	Upper
202	100		
200	18.4	15.0	22.4
203	19.8	14.1	21.1



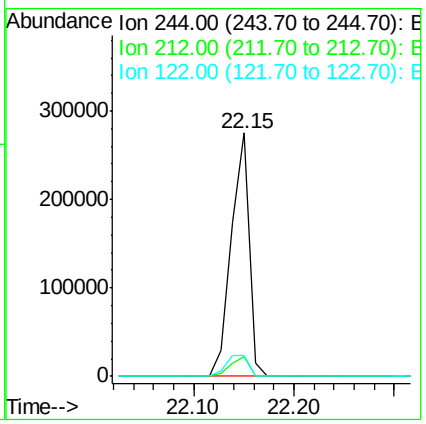


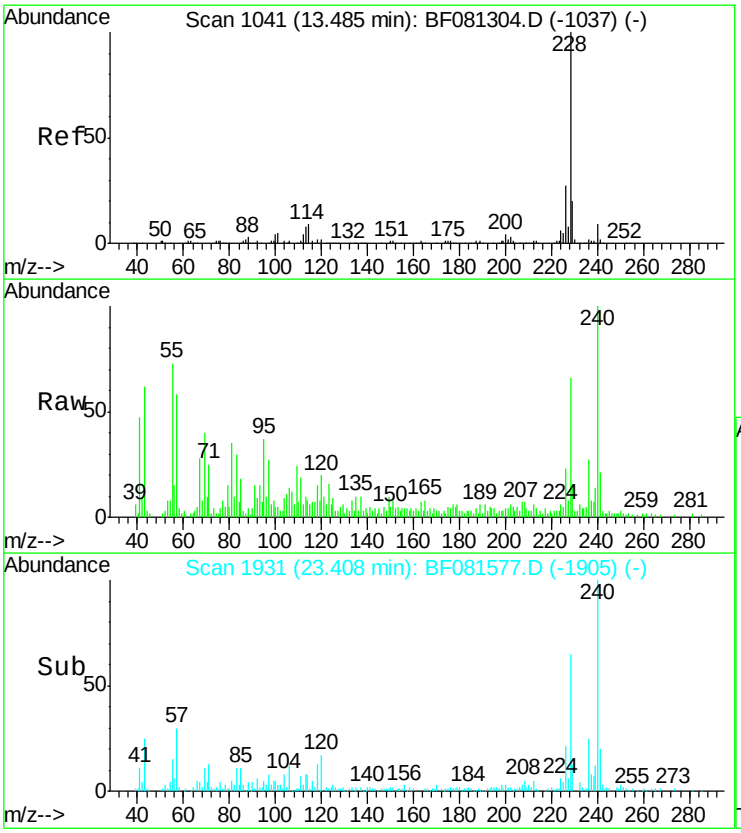
#78
Terphenyl-d14
Concen: 87.83 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:244 Resp: 340756

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	8.6	17.4	26.2#

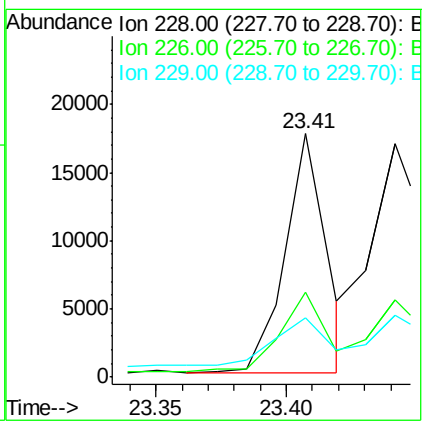


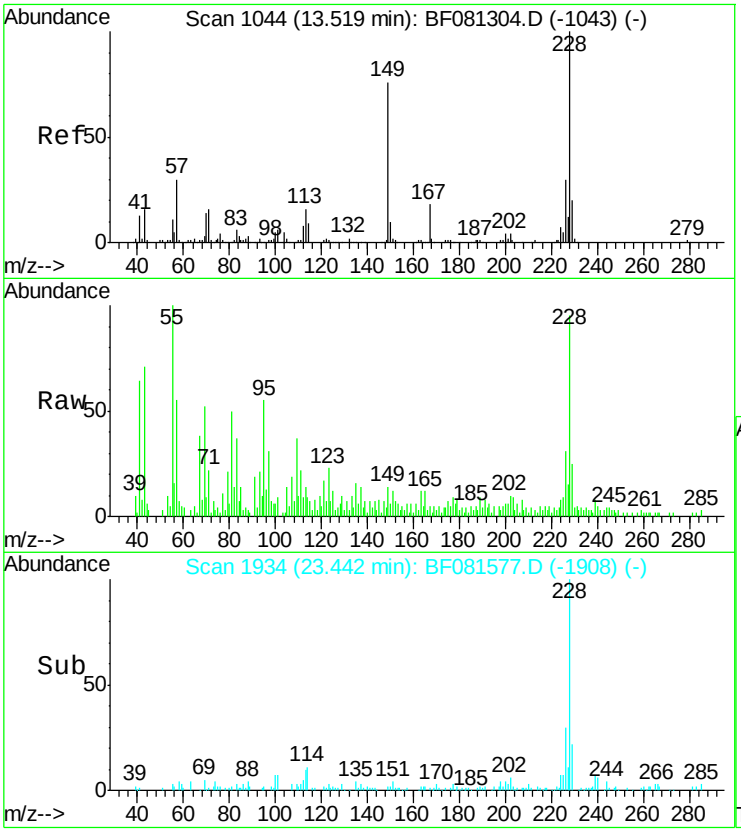


#80
Benzo(a)anthracene
Concen: 3.33 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:228 Resp: 19165

Ion	Ratio	Lower	Upper
228	100		
226	34.9	20.0	30.0#
229	24.6	15.4	23.2#



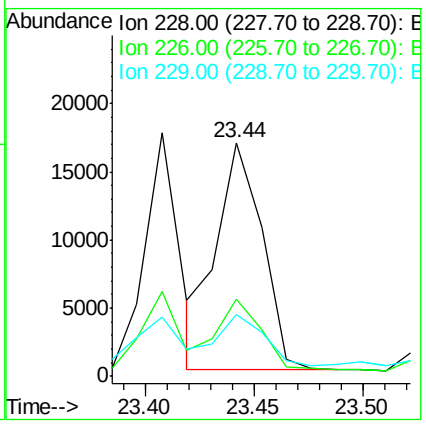


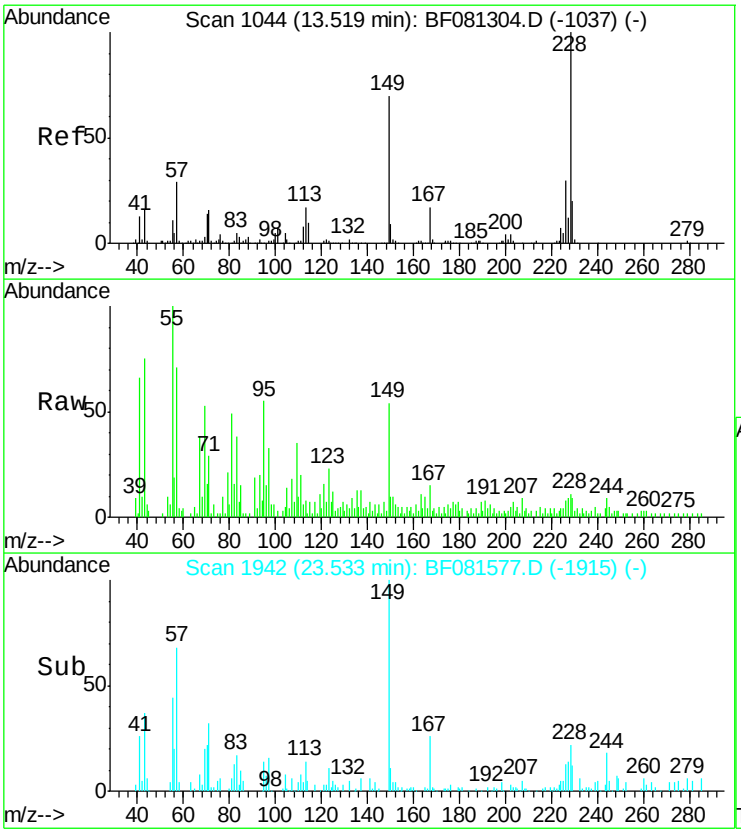
#82
Chrysene
Concen: 4.73 ng
RT: 23.44 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:228 Resp: 24362

Ion	Ratio	Lower	Upper
228	100		
226	32.8	21.0	31.4#
229	26.3	15.6	23.4#

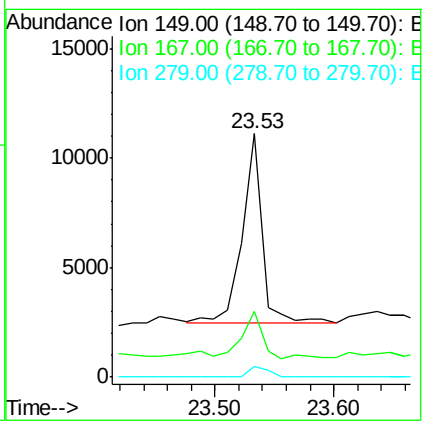


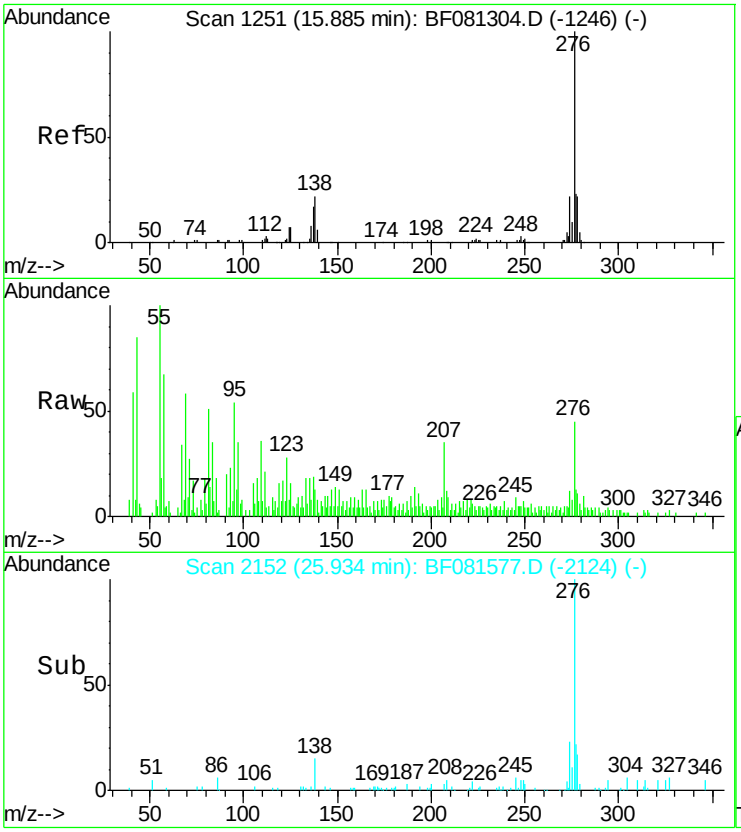


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.67 ng
RT: 23.53 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:149 Resp: 10249

Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.2	36.2
279	4.5	3.8	5.6



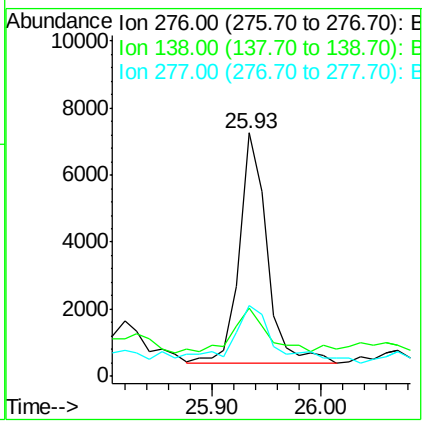


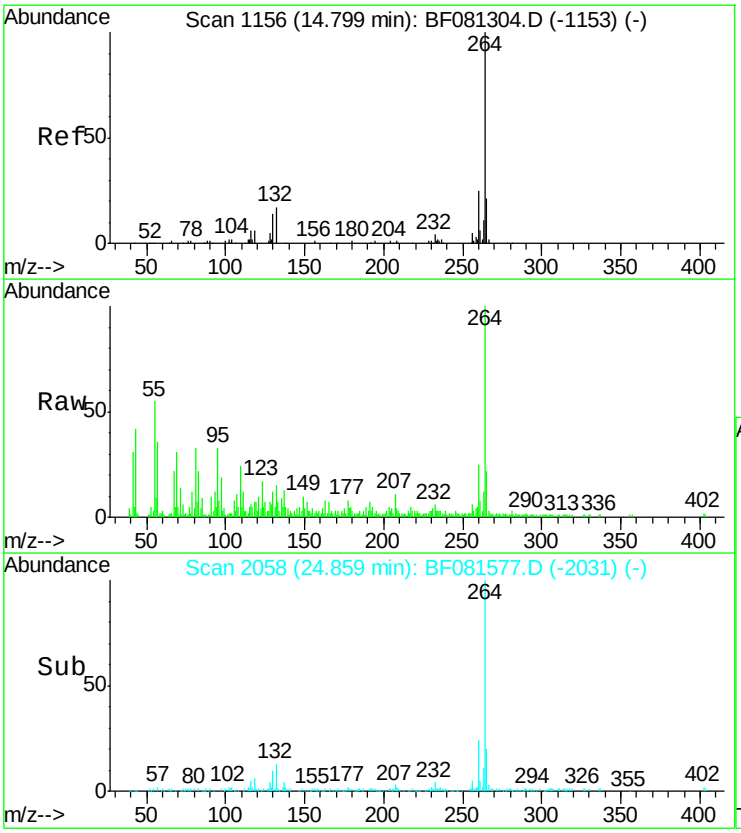
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 25.93 min Scan# 2152
Delta R.T. 0.02 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:276 Resp: 12021

Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.7	38.5#
277	39.4	15.6	23.4#

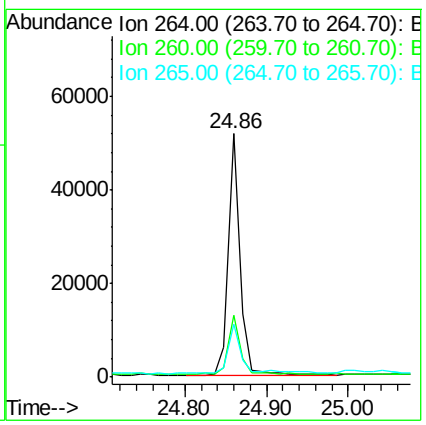


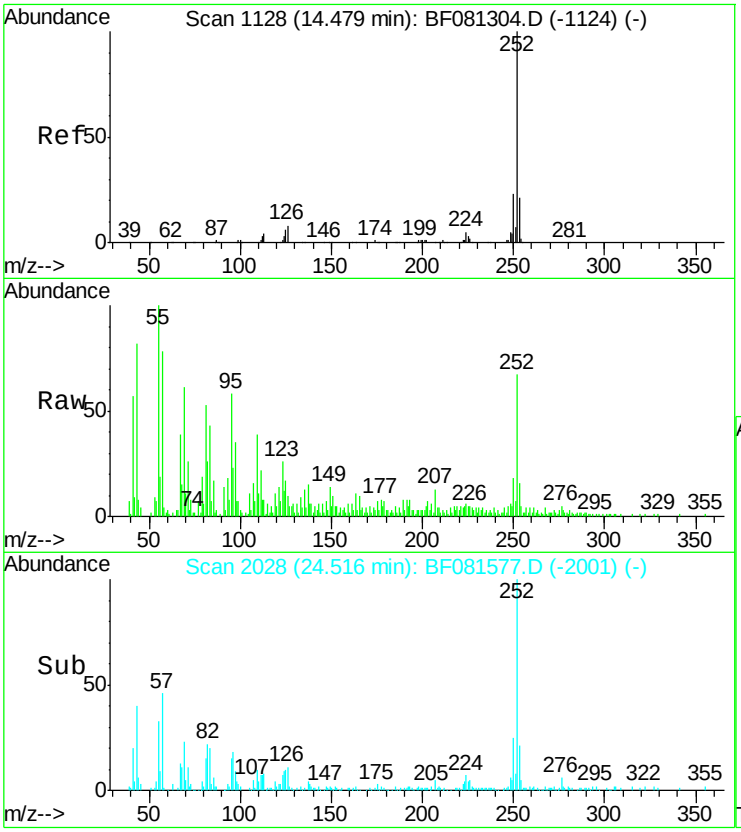


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:264 Resp: 51073

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	21.7	17.2	25.8



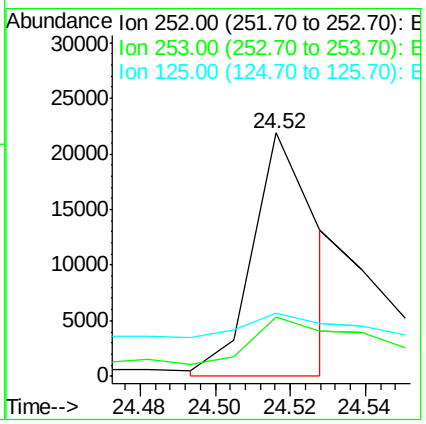


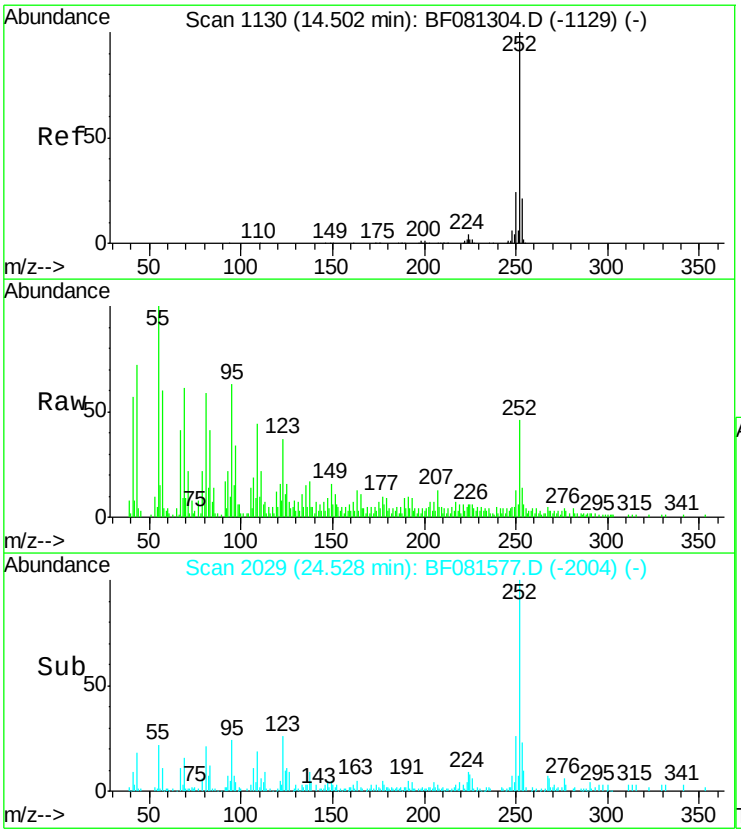
#87
Benzo(b)fluoranthene
Concen: 7.20 ng m
RT: 24.52 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:252 Resp: 26258

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	26.0	17.1	25.7#

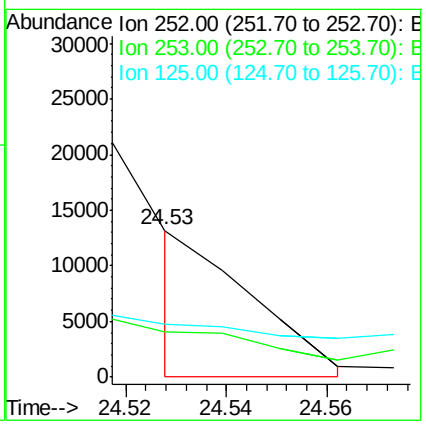


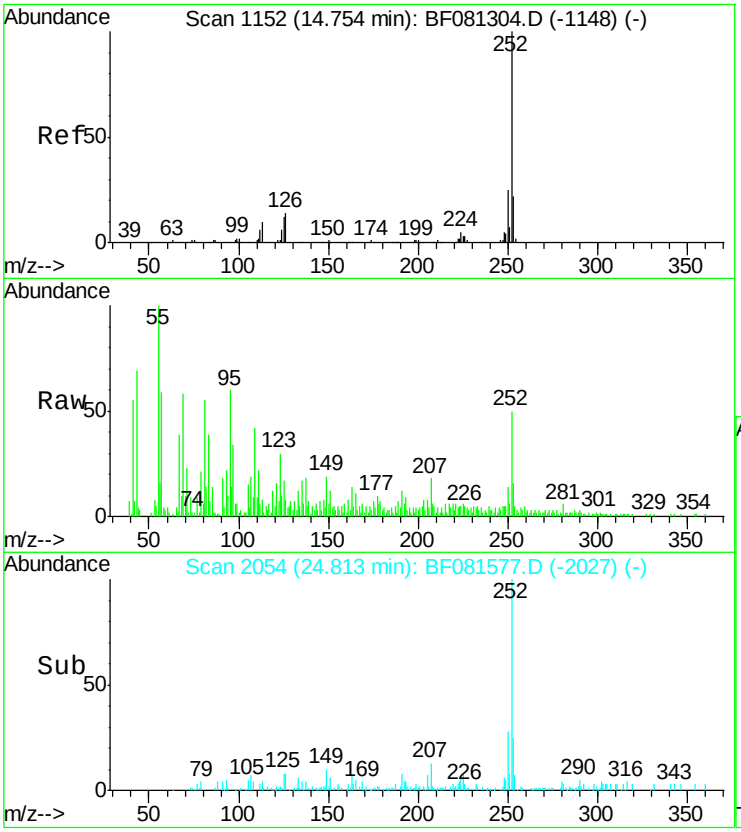


#88
Benzo(k)fluoranthene
Concen: 3.58 ng m
RT: 24.53 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:252 Resp: 10846

Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.0	25.4#
125	35.7	16.0	24.0#



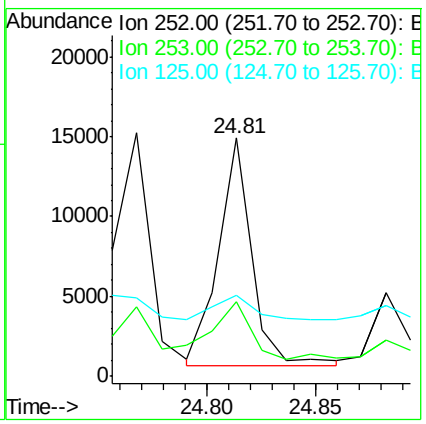


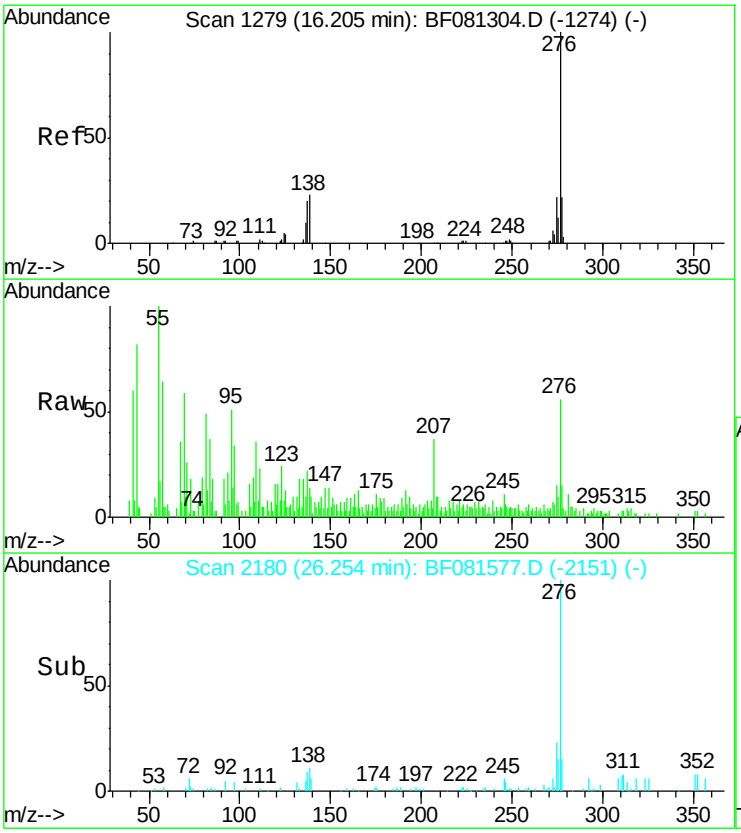
#89
Benzo(a)pyrene
Concen: 4.93 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Instrument :
BNA_F
ClientSampleId :
TYB3(1.5-2)

Tgt Ion:252 Resp: 15238

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.2	25.8#
125	34.0	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 5.78 ng
RT: 26.25 min Scan# 2180
Delta R.T. 0.03 min
Lab File: BF081577.D
Acq: 10 Sep 2015 20:57

Tgt Ion:276 Resp: 13161

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.8	26.6
138	25.5	34.6	51.8#