Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078581.D
Acq On : 16 Apr 2015 22:40
Operator : TP/IZ
Sample : G1854-08 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB06A(1-1.5)

Quant Time: Apr 17 01:24:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	26653	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	116316	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	61254	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	125855	20.00	ng		0.00
75) Chrysene-d12	15.50	240	145179	20.00	ng		0.01
86) Perylene-d12	17.18	264	147269	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	21107	13.06	ng		0.02
7) Phenol-d6	6.31	99	29322	14.47	ng		0.01
23) Nitrobenzene-d5	7.39	82	16792	8.75	ng		0.00
41) 2,4,6-Tribromophenol	11.40	330	7283	14.34	ng		0.01
44) 2-Fluorobiphenyl	9.62	172	38211	8.92	ng		0.00
78) Terphenyl-d14	14.23	244	50264	7.82	ng		0.00
Target Compounds							Qvalue
55) 4-Nitrophenol	10.68	139	797	3.74	ng	#	18
70) Phenanthrene	12.27	178	39551	5.43	ng		98
74) Fluoranthene	13.74	202	132424	17.25	ng		89
77) Pyrene	14.00	202	137911	15.13	ng	#	95
80) Benzo(a)anthracene	15.49	228	122014	14.13	ng		97
82) Chrysene	15.52	228	83609	10.30	ng		98
85) Indeno(1,2,3-cd)pyrene	18.35	276	100877	10.95	ng	#	86
87) Benzo(b)fluoranthene	16.74	252	251503	27.63	ng	#	94
88) Benzo(k)fluoranthene	16.74	252	253063	31.29	ng		98
89) Benzo(a)pyrene	17.11	252	153823	19.37	ng	#	94
91) Benzo(g,h,i)perylene	18.67	276	92625	11.62	ng		97

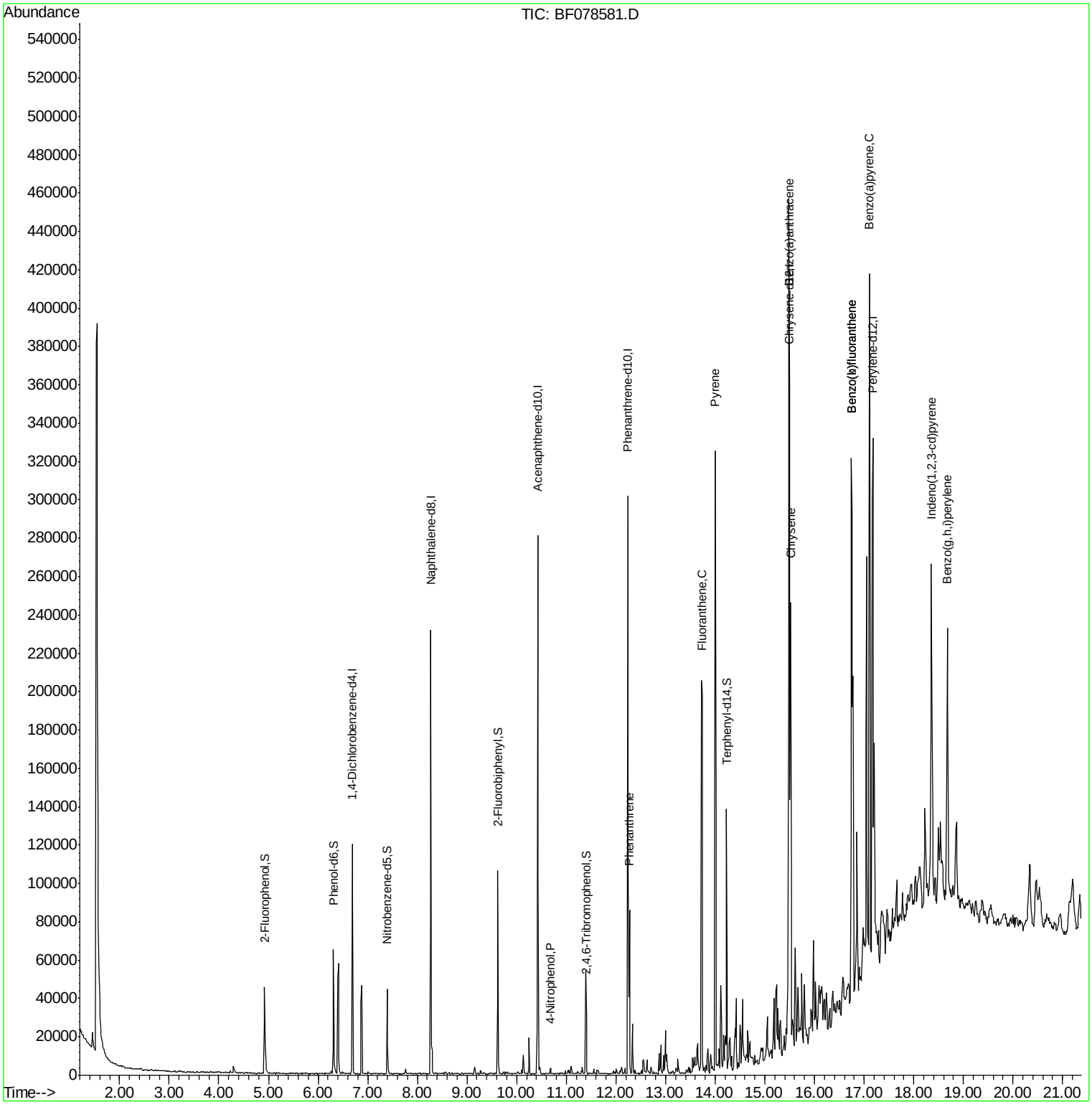
(#) = qualifier out of range (m) = manual integration (+) = signals summed

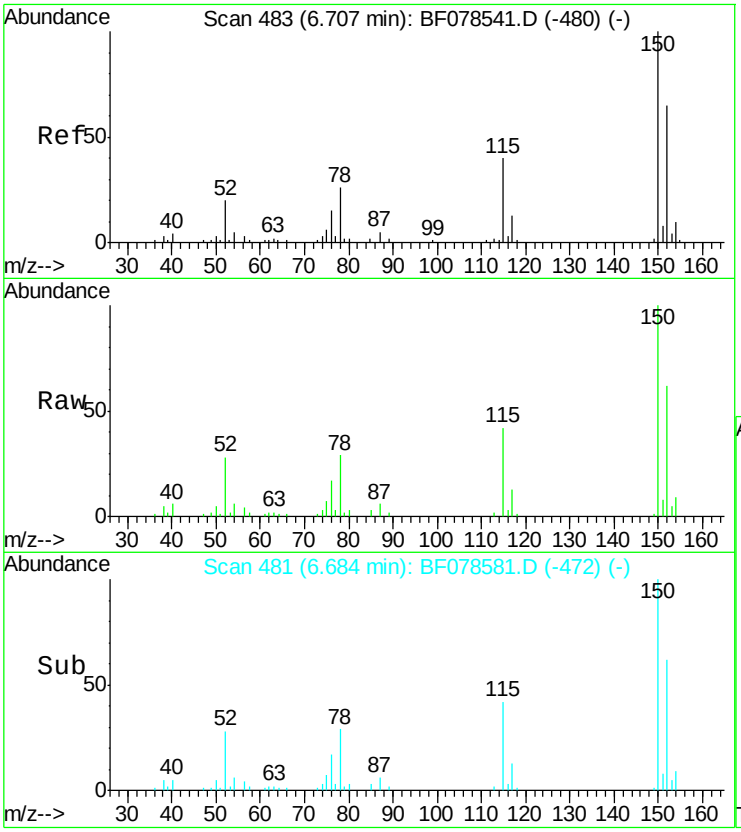
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078581.D
Acq On : 16 Apr 2015 22:40
Operator : TP/IZ
Sample : G1854-08 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Quant Time: Apr 17 01:24:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration



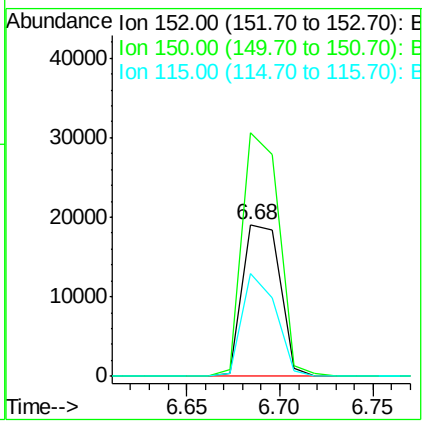


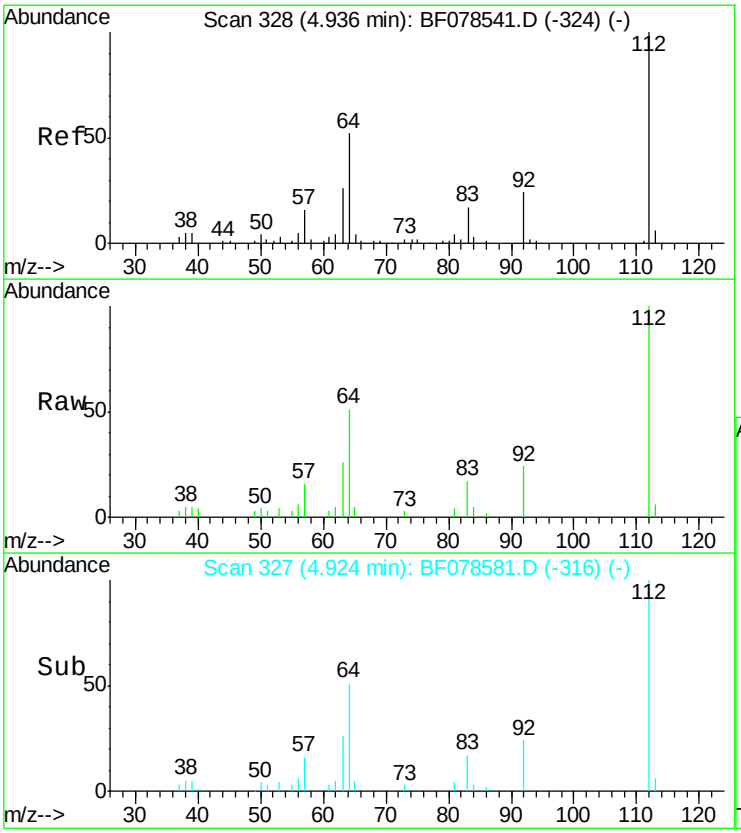
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:152 Resp: 26653

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	67.6	52.7	79.1

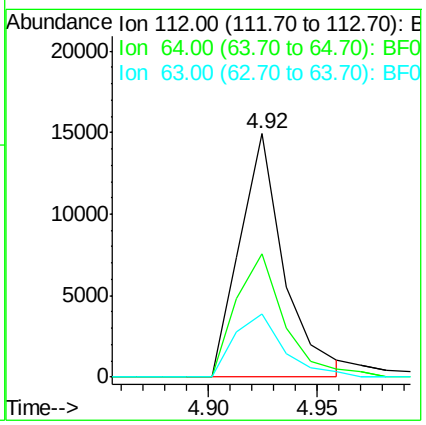


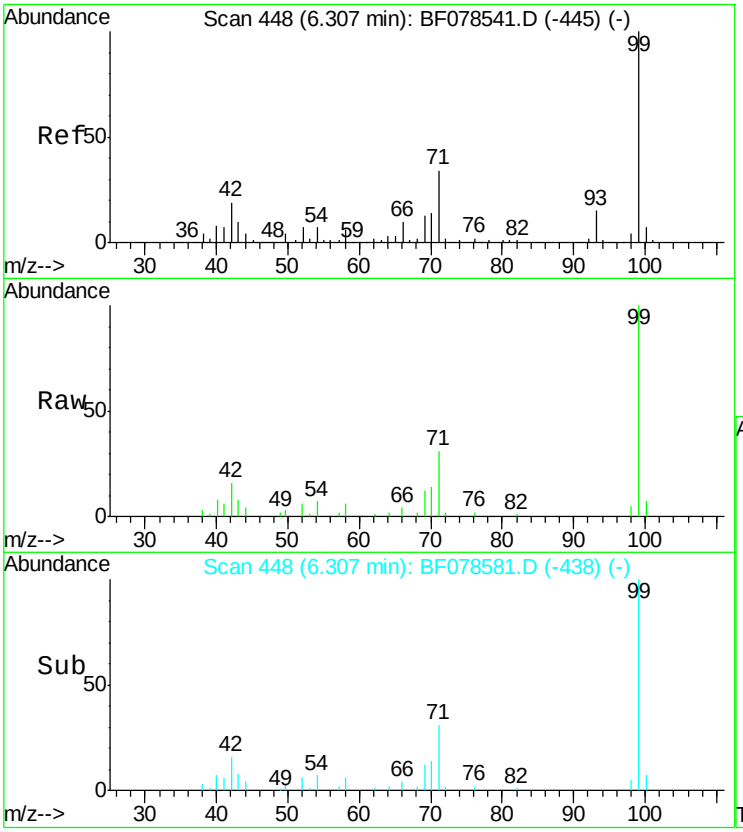


#5
2-Fluorophenol
Concen: 13.06 ng
RT: 4.92 min Scan# 327
Delta R.T. 0.02 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:112 Resp: 21107

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.9	59.9
63	26.1	20.2	30.4



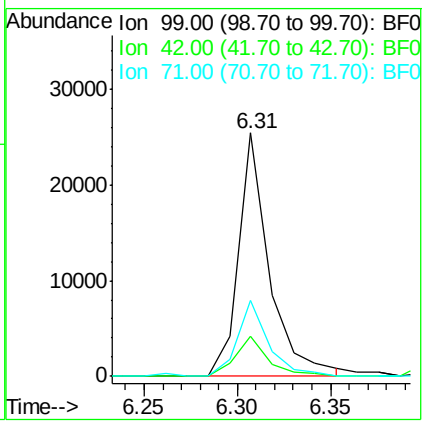


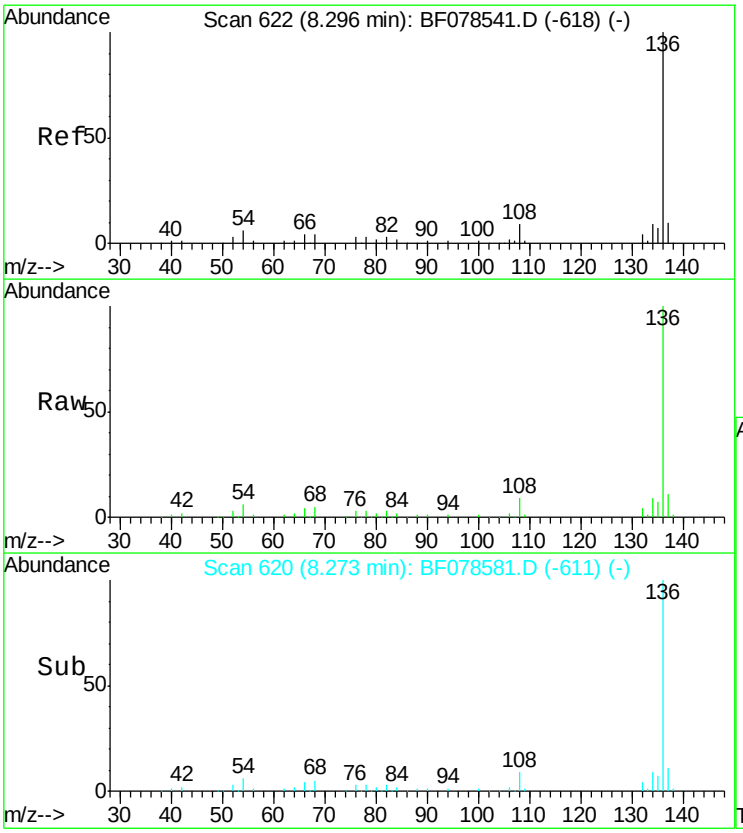
#7
Phenol-d6
Concen: 14.47 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion: 99 Resp: 29322

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.8	22.2
71	31.3	26.6	39.8

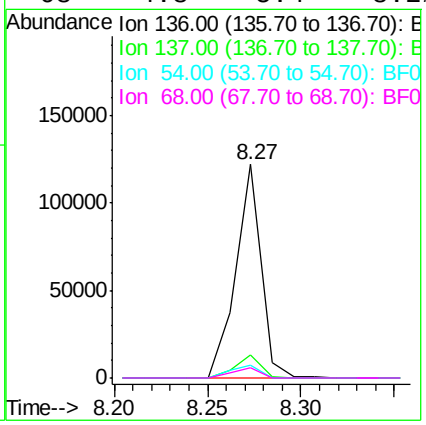


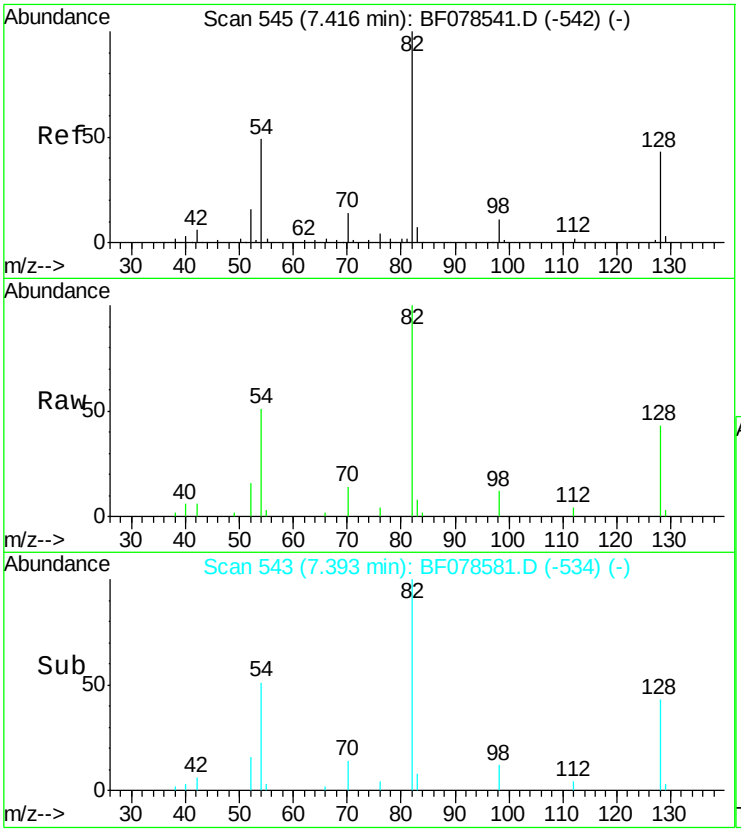


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:136 Resp: 116316

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.9	7.0	10.6#
68	4.8	5.4	8.2#



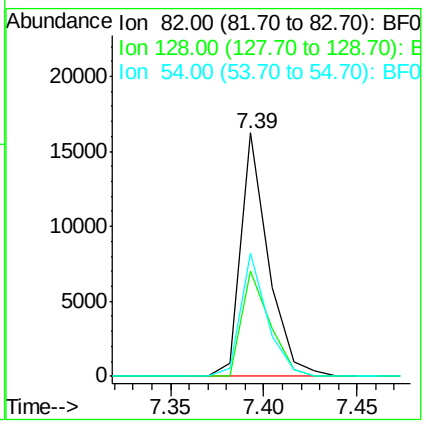


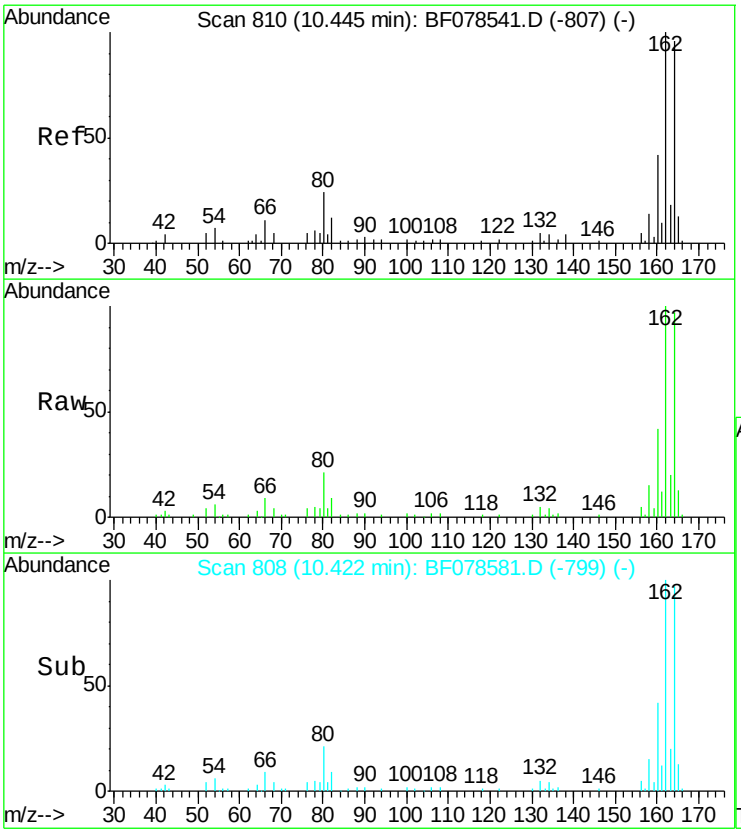
#23
Nitrobenzene-d5
Concen: 8.75 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion: 82 Resp: 16792

Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.8	47.8
54	50.8	41.5	62.3

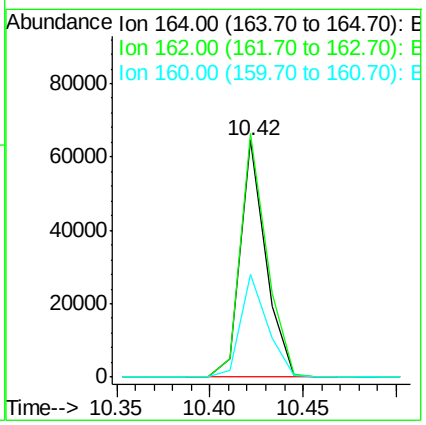


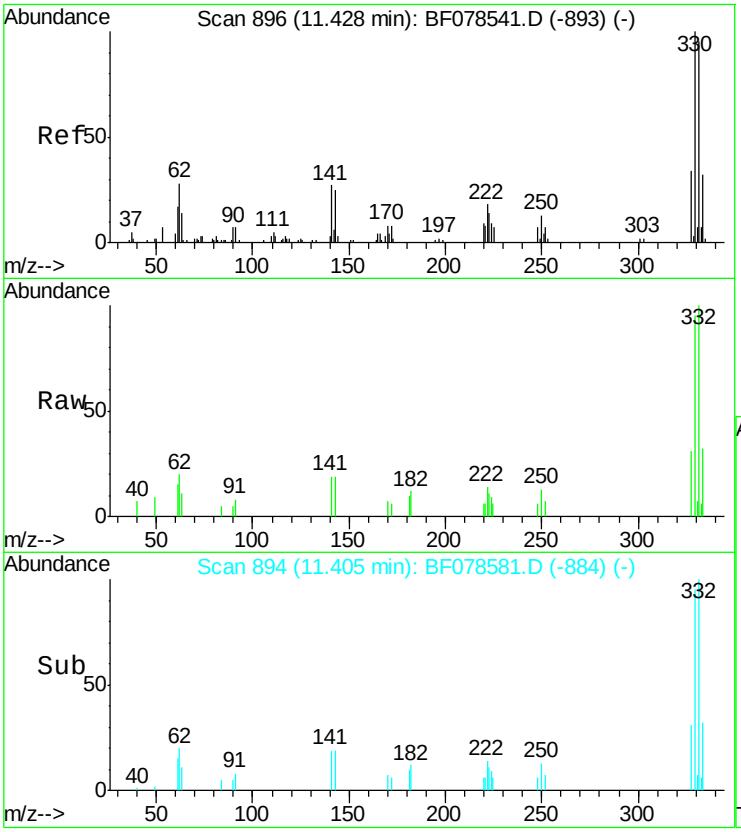


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:164 Resp: 61254

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.2
160	43.5	34.7	52.1



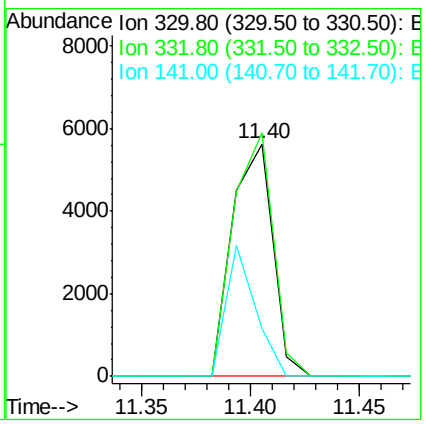


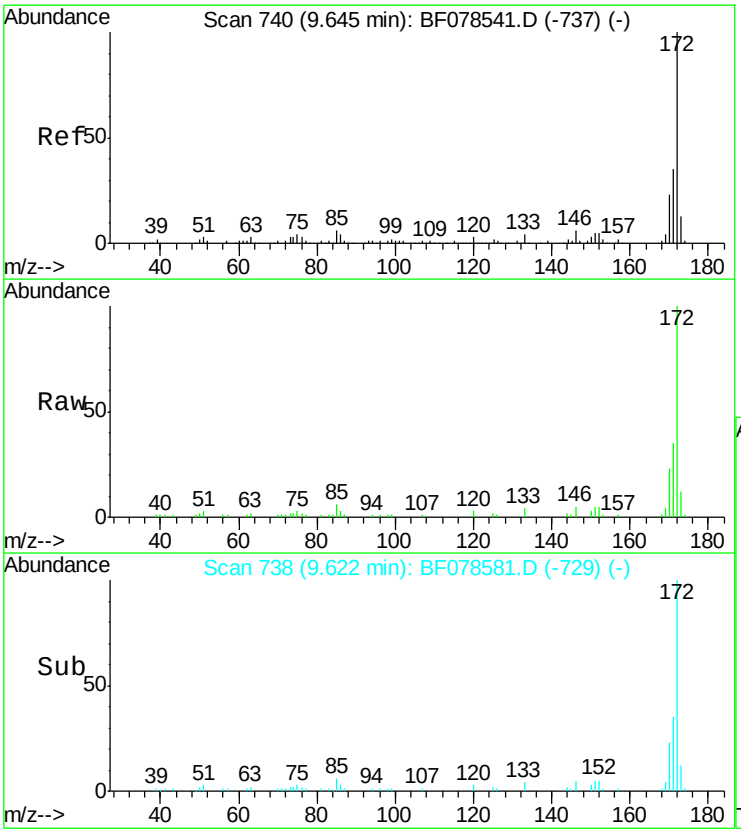
#41
2,4,6-Tribromophenol
Concen: 14.34 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:330 Resp: 7283

Ion	Ratio	Lower	Upper
330	100		
332	103.0	78.6	117.8
141	40.7	31.2	46.8

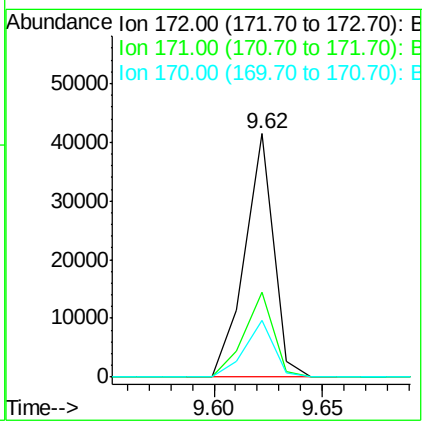


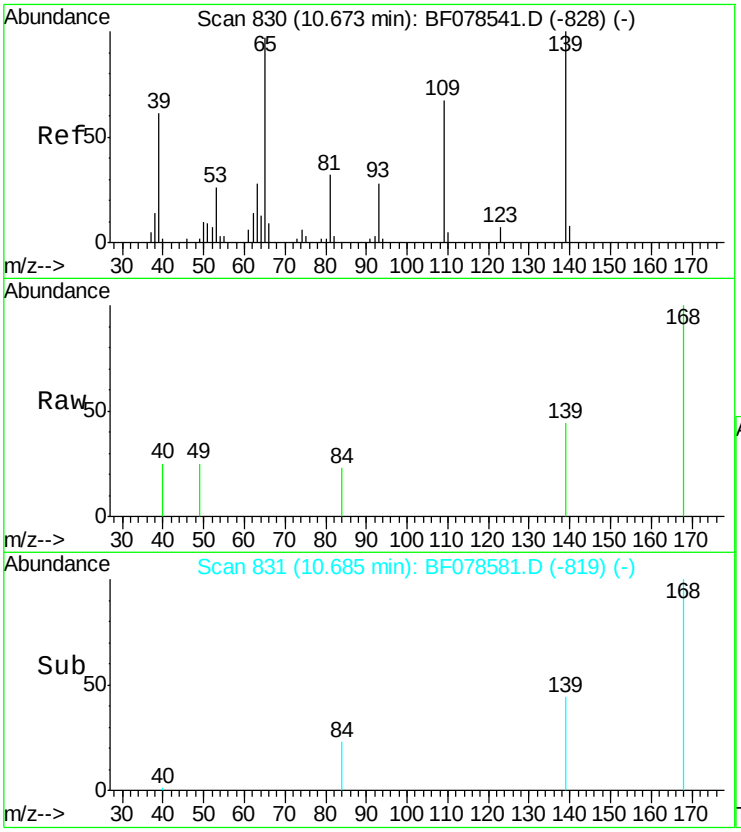


#44
2-Fluorobiphenyl
Concen: 8.92 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:172 Resp: 38211

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.2	18.5	27.7



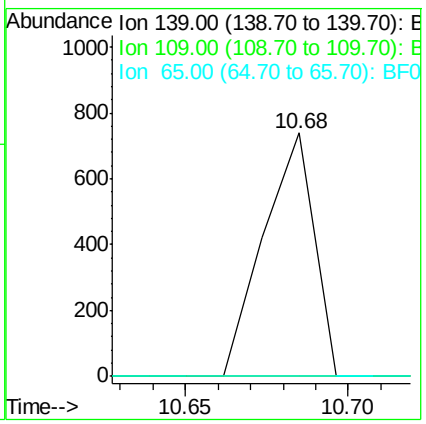


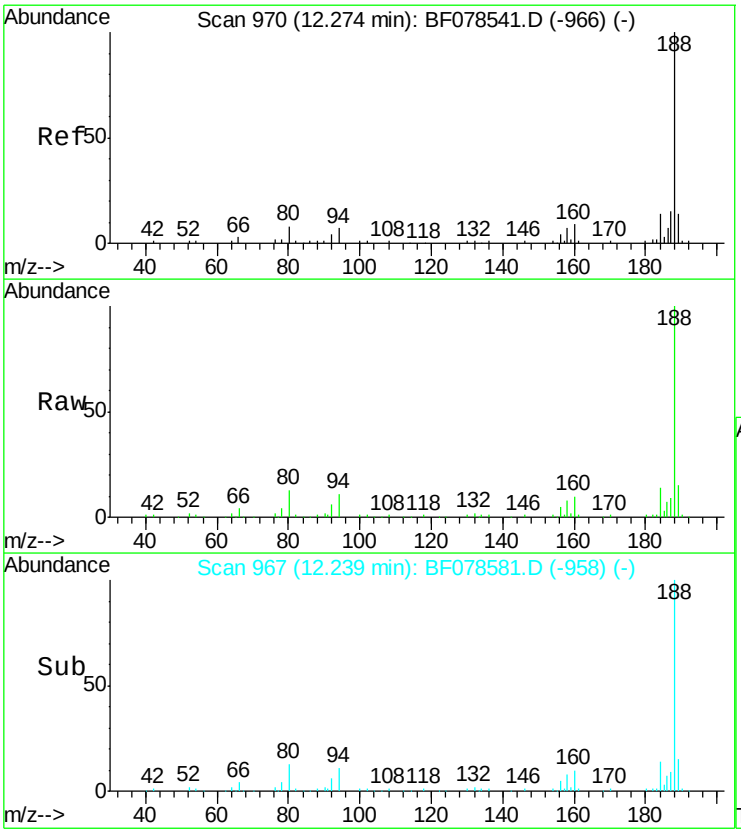
#55
4-Nitrophenol
Concen: 3.74 ng
RT: 10.68 min Scan# 831
Delta R.T. 0.03 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:139 Resp: 797

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

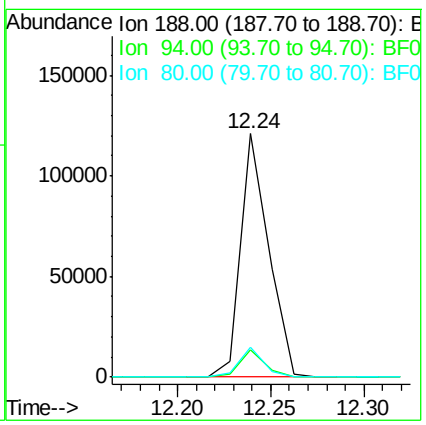


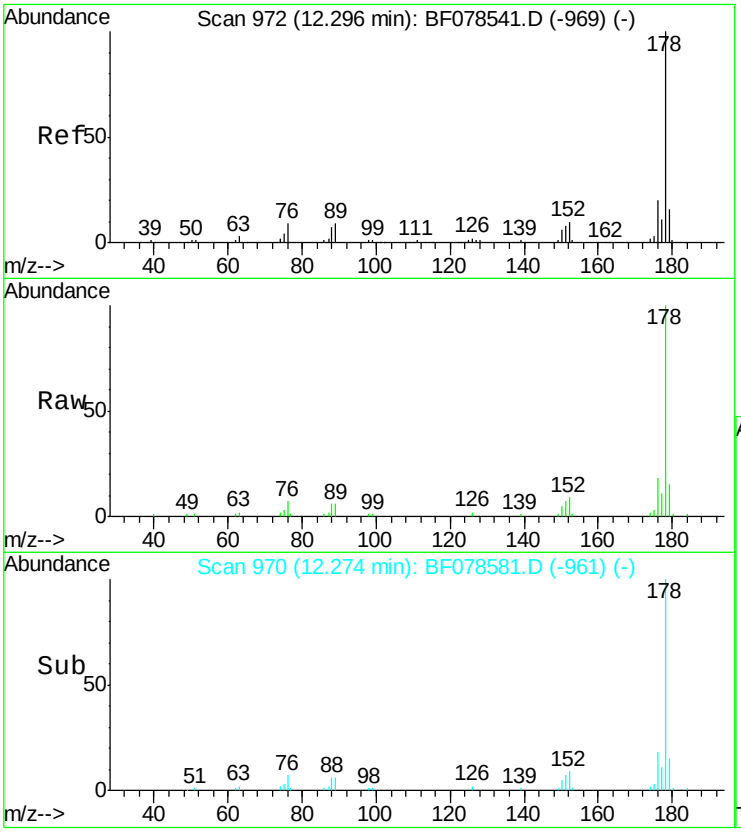


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:188 Resp: 125855

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.0	13.4
80	12.5	9.5	14.3



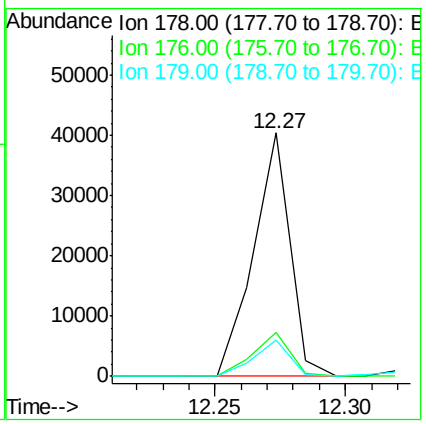


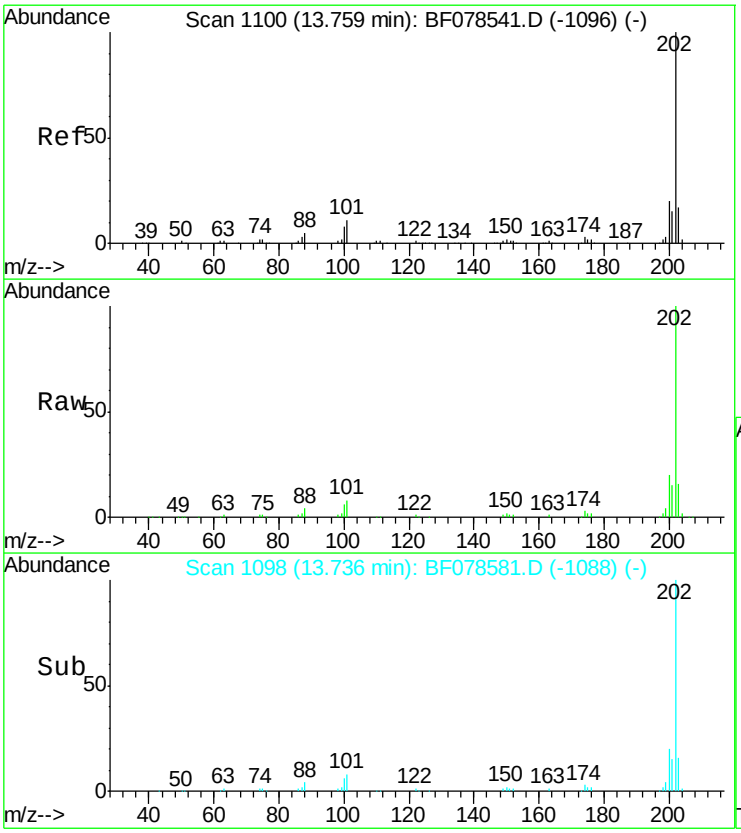
#70
Phenanthrene
Concen: 5.43 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:178 Resp: 39551

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.9	12.2	18.2

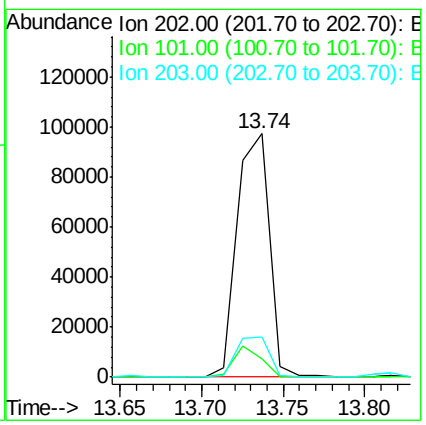


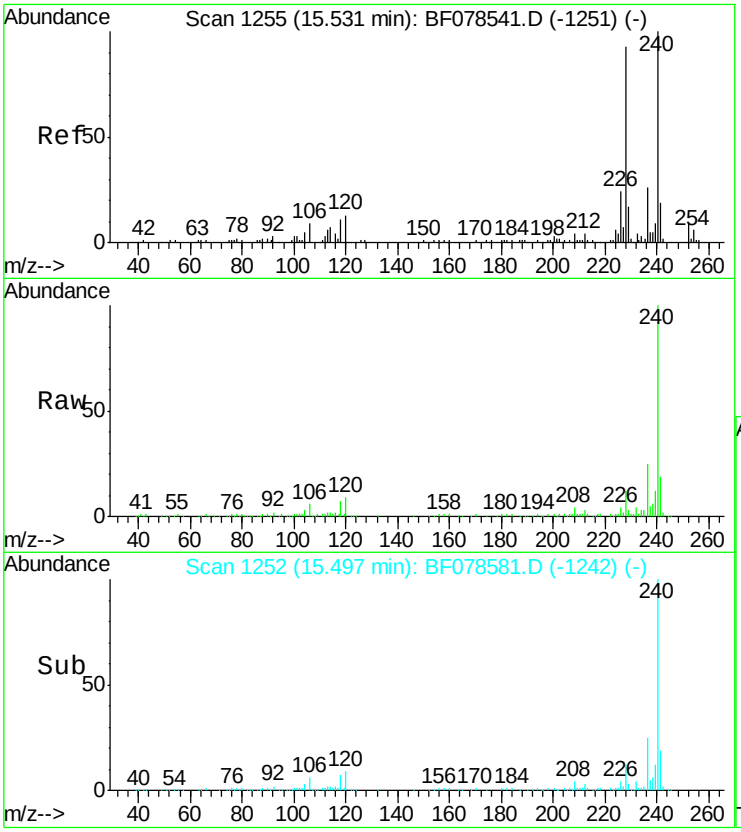


#74
Fluoranthene
Concen: 17.25 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:202 Resp: 132424

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	35.2
203	16.2	0.0	38.5



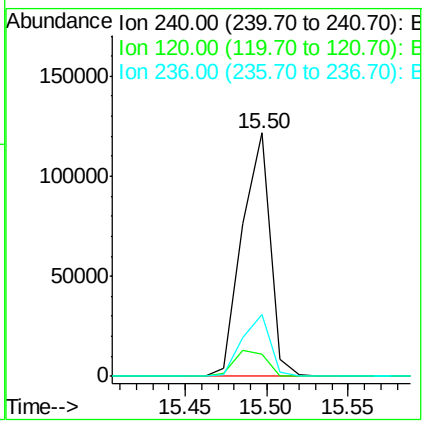


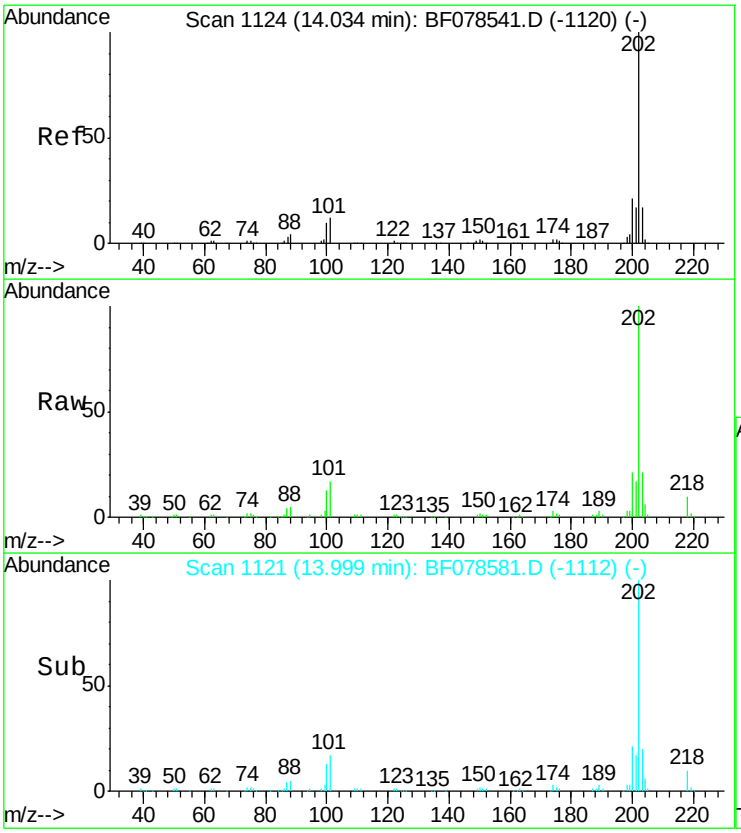
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:240 Resp: 145179

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	25.2	21.4	32.2

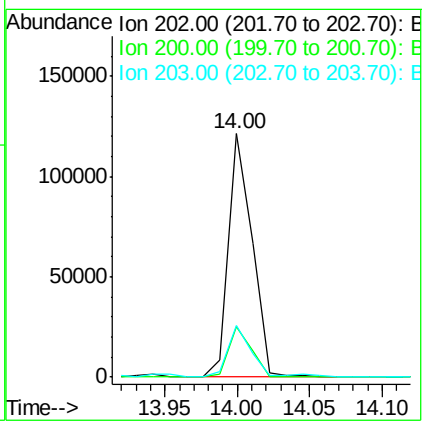


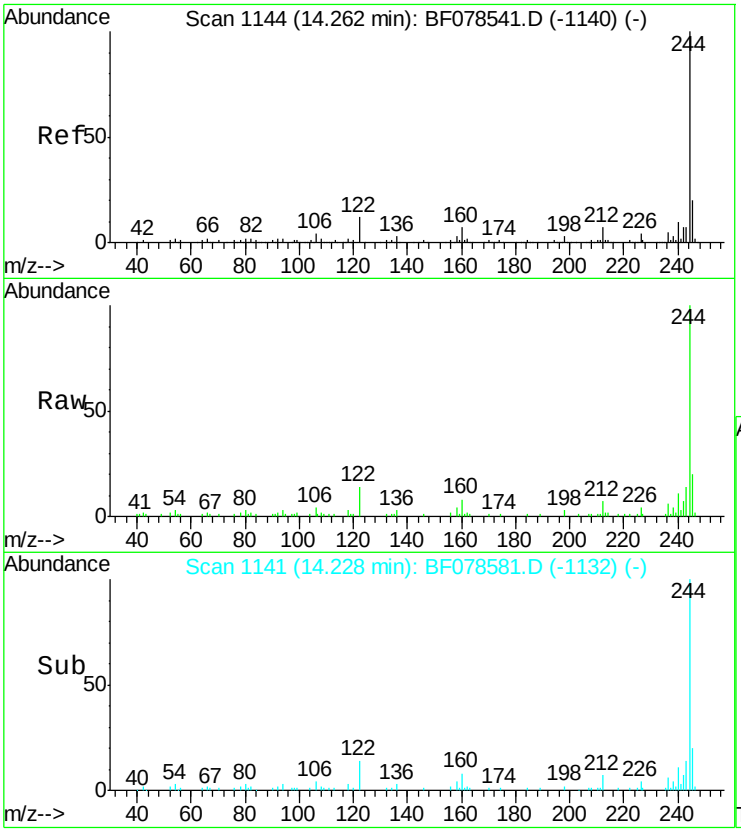


#77
Pyrene
Concen: 15.13 ng
RT: 14.00 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:202 Resp: 137911

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	21.1	13.8	20.6#



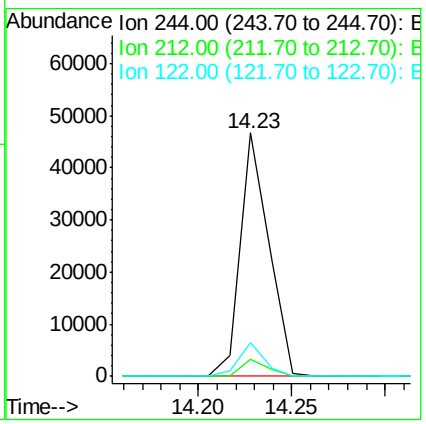


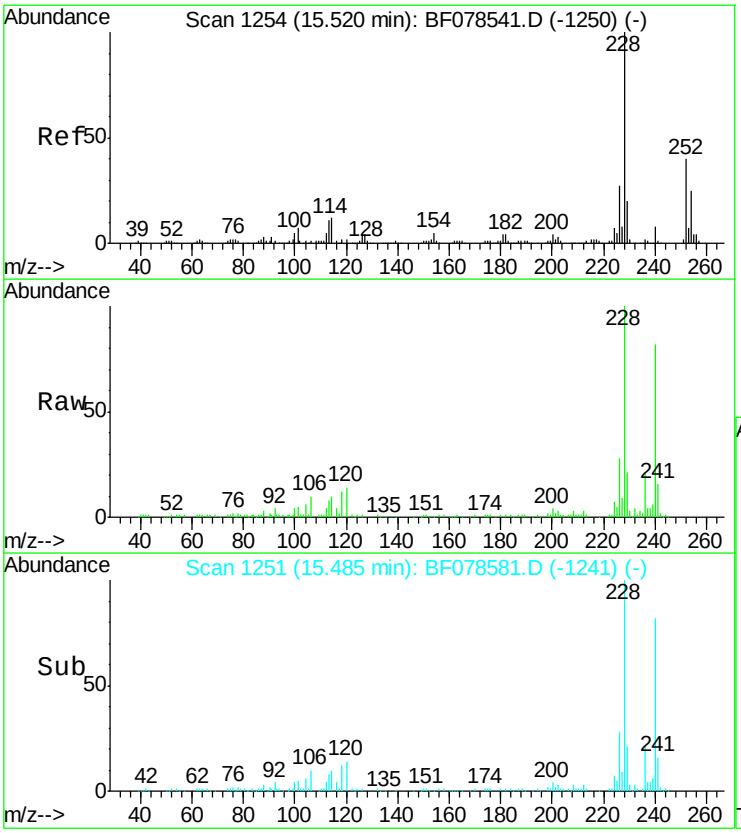
#78
Terphenyl-d14
Concen: 7.82 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:244 Resp: 50264

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	13.7	7.1	10.7#

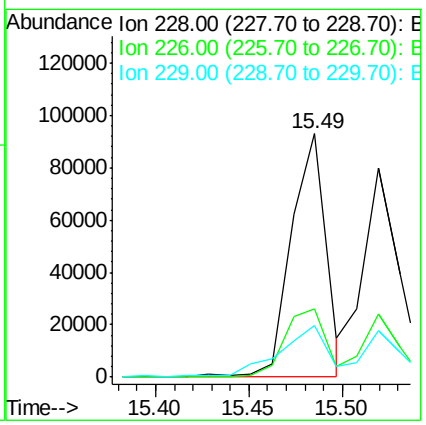


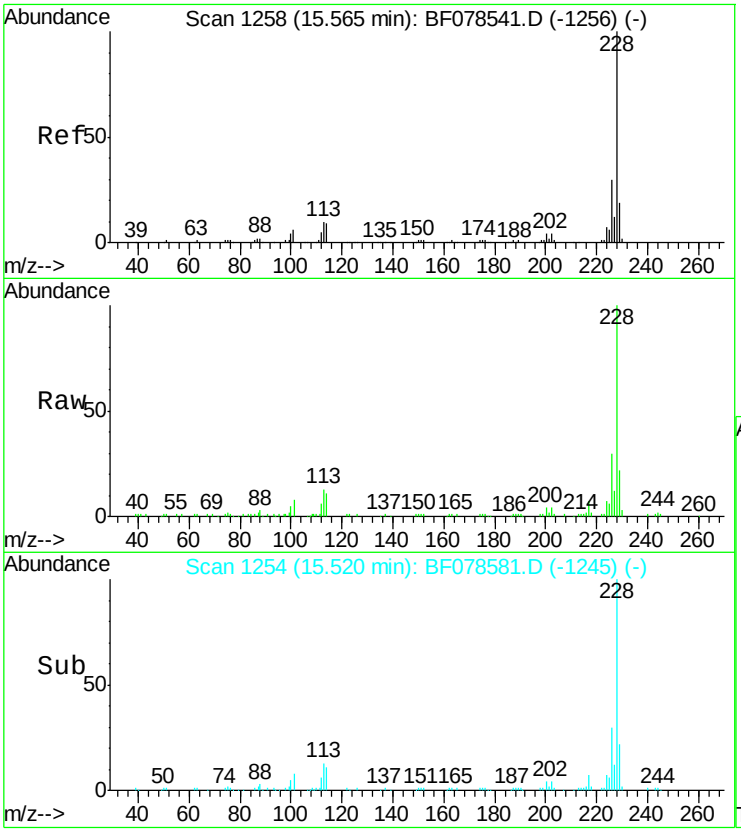


#80
Benzo(a)anthracene
Concen: 14.13 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:228 Resp: 122014

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	21.0	15.4	23.2



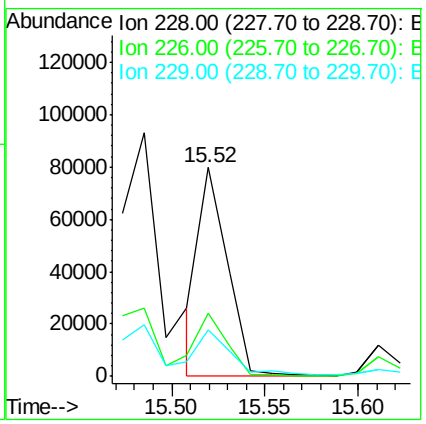


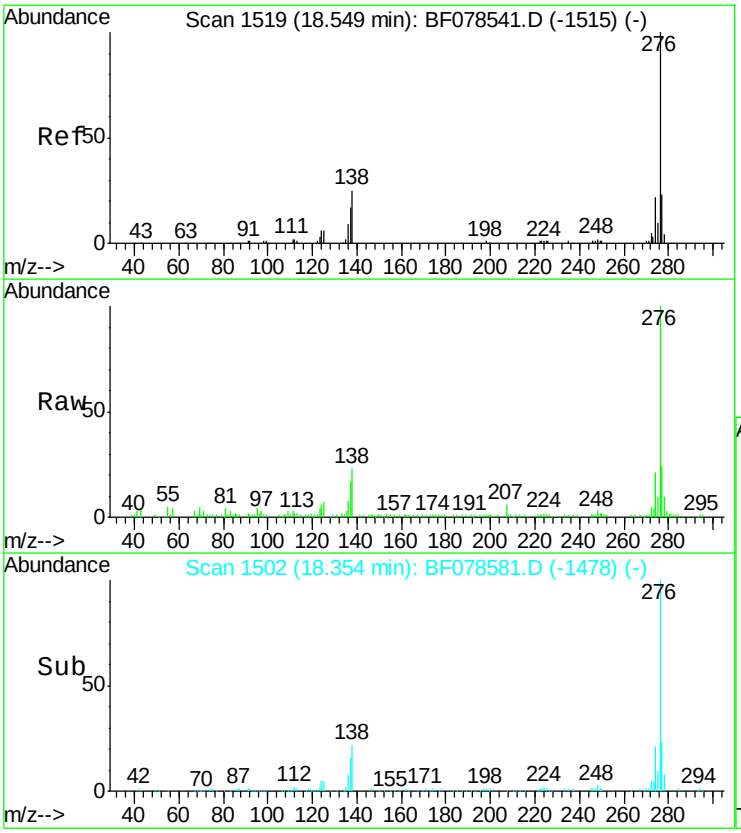
#82
Chrysene
Concen: 10.30 ng
RT: 15.52 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:228 Resp: 83609

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.4	15.8	23.8

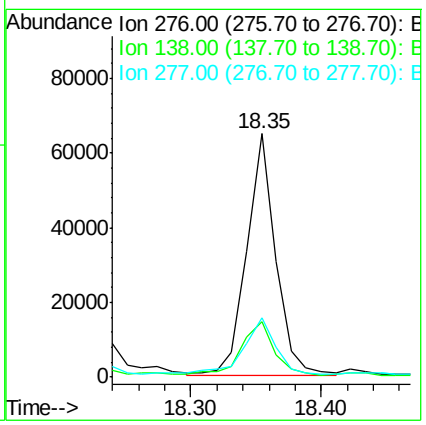


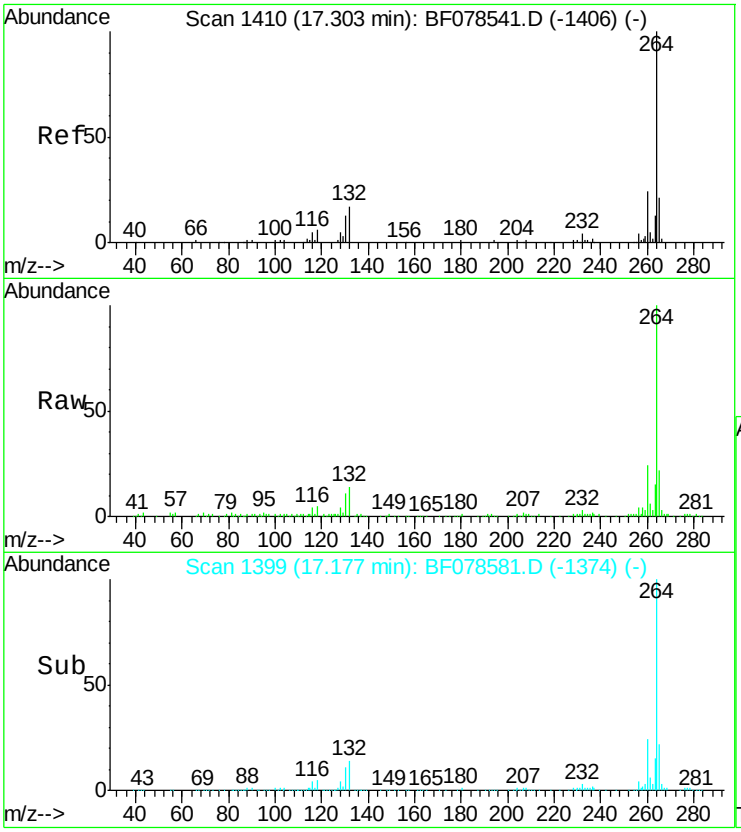


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.95 ng
RT: 18.35 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:276 Resp: 100877

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.9	25.3#
277	28.0	15.8	23.6#



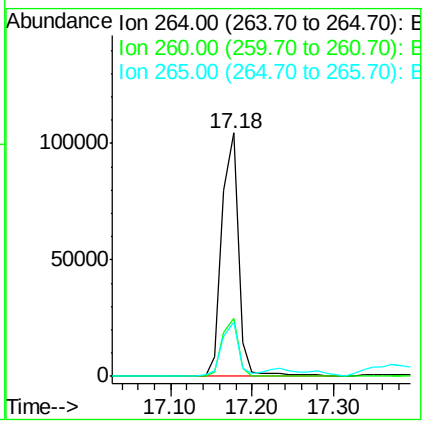


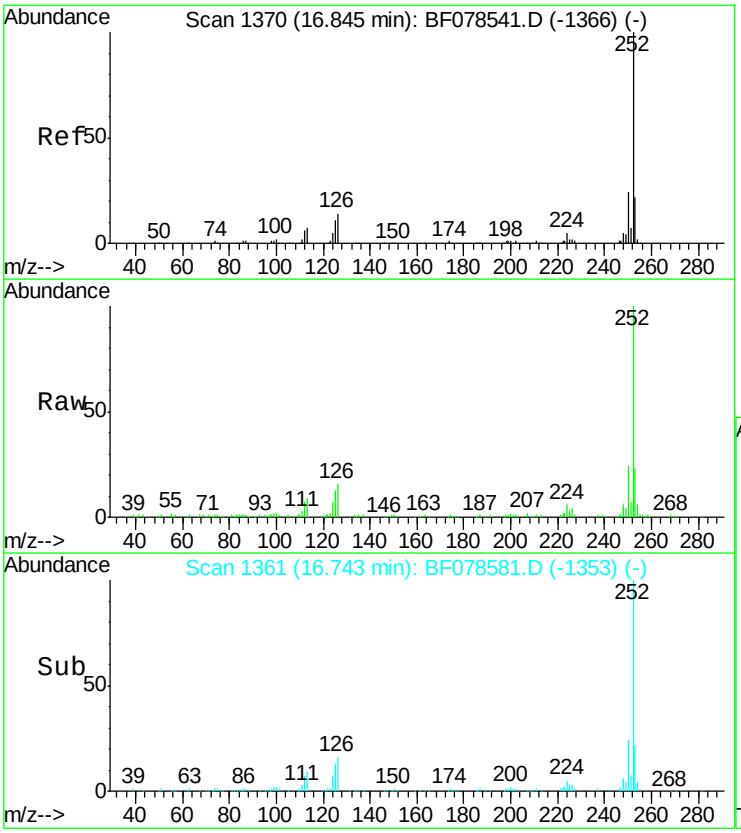
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:264 Resp: 147269

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.0	17.0	25.6

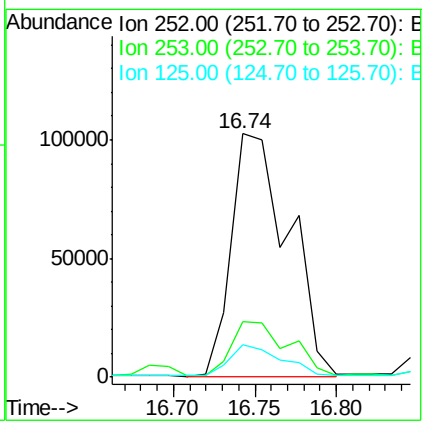


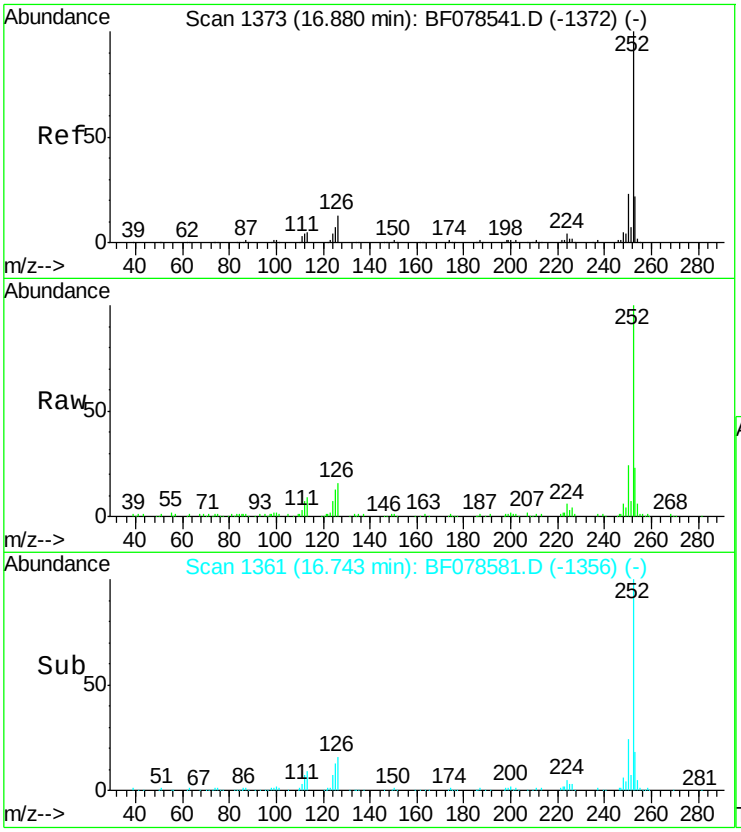


#87
Benzo(b)fluoranthene
Concen: 27.63 ng
RT: 16.74 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:252 Resp: 251503

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.3	7.0	10.4#



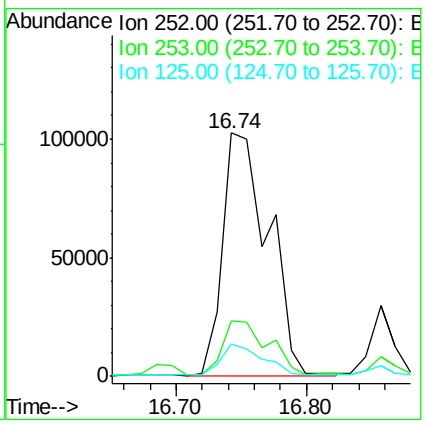


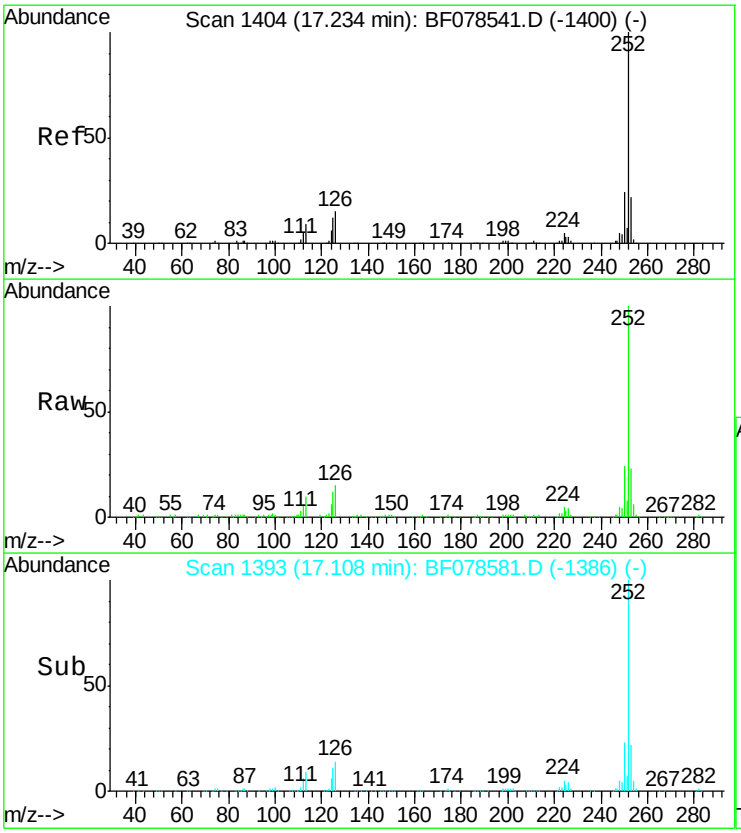
#88
Benzo(k)fluoranthene
Concen: 31.29 ng
RT: 16.74 min Scan# 1361
Delta R.T. -0.05 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:252 Resp: 253063

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.3	11.6	17.4

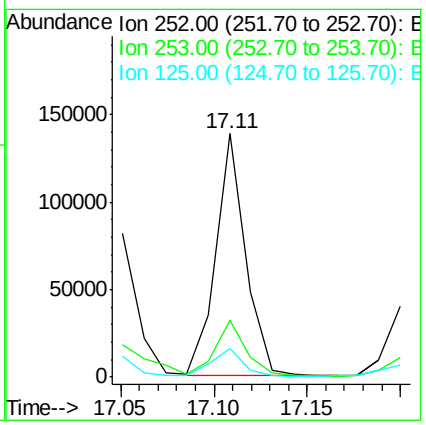


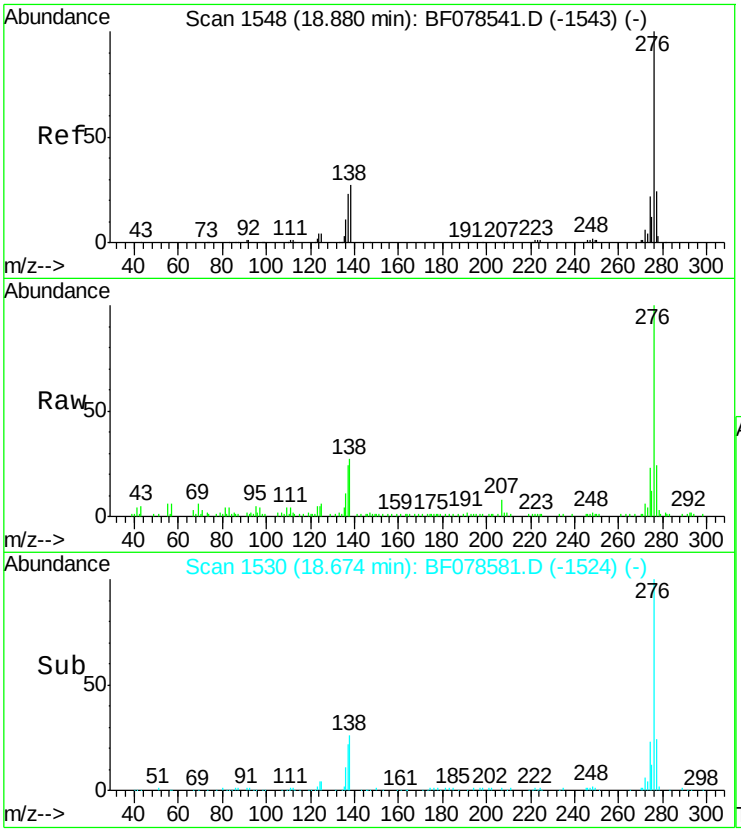


#89
Benzo(a)pyrene
Concen: 19.37 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Tgt Ion:252 Resp: 153823

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.8	25.2
125	11.6	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 11.62 ng
RT: 18.67 min Scan# 1530
Delta R.T. -0.03 min
Lab File: BF078581.D
Acq: 16 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
LS-SB06A(1-1.5)

Tgt Ion:276 Resp: 92625

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	26.9	19.9	29.9