Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078572.D
Acq On : 16 Apr 2015 18:23
Operator : TP/IZ
Sample : G1891-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-82S

Quant Time: Apr 17 01:22:39 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	25782	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	116815	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	65026	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	138601	20.00	ng		0.00
75) Chrysene-d12	15.50	240	160709	20.00	ng		0.01
86) Perylene-d12	17.23	264	159643	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	19618	12.55	ng		0.01
7) Phenol-d6	6.31	99	27449	14.01	ng		0.01
23) Nitrobenzene-d5	7.39	82	15926	8.26	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	8312	15.41	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	37645	8.28	ng		0.00
78) Terphenyl-d14	14.23	244	50454	7.09	ng		0.00
Target Compounds							Qvalue
55) 4-Nitrophenol	10.67	139	1114	4.04	ng	#	18
70) Phenanthrene	12.27	178	84567	10.55	ng		99
71) Anthracene	12.33	178	21449	2.71	ng		98
74) Fluoranthene	13.73	202	149319	17.66	ng		99
77) Pyrene	14.00	202	137355	13.61	ng	#	93
80) Benzo(a)anthracene	15.49	228	83489	8.73	ng		98
82) Chrysene	15.53	228	63497	7.07	ng		96
87) Benzo(b)fluoranthene	16.79	252	126868	12.86	ng	#	94
88) Benzo(k)fluoranthene	16.79	252	127254	14.51	ng		95
89) Benzo(a)pyrene	17.17	252	69121	8.03	ng	#	92
91) Benzo(g,h,i)perylene	18.79	276	42398	4.91	ng		94

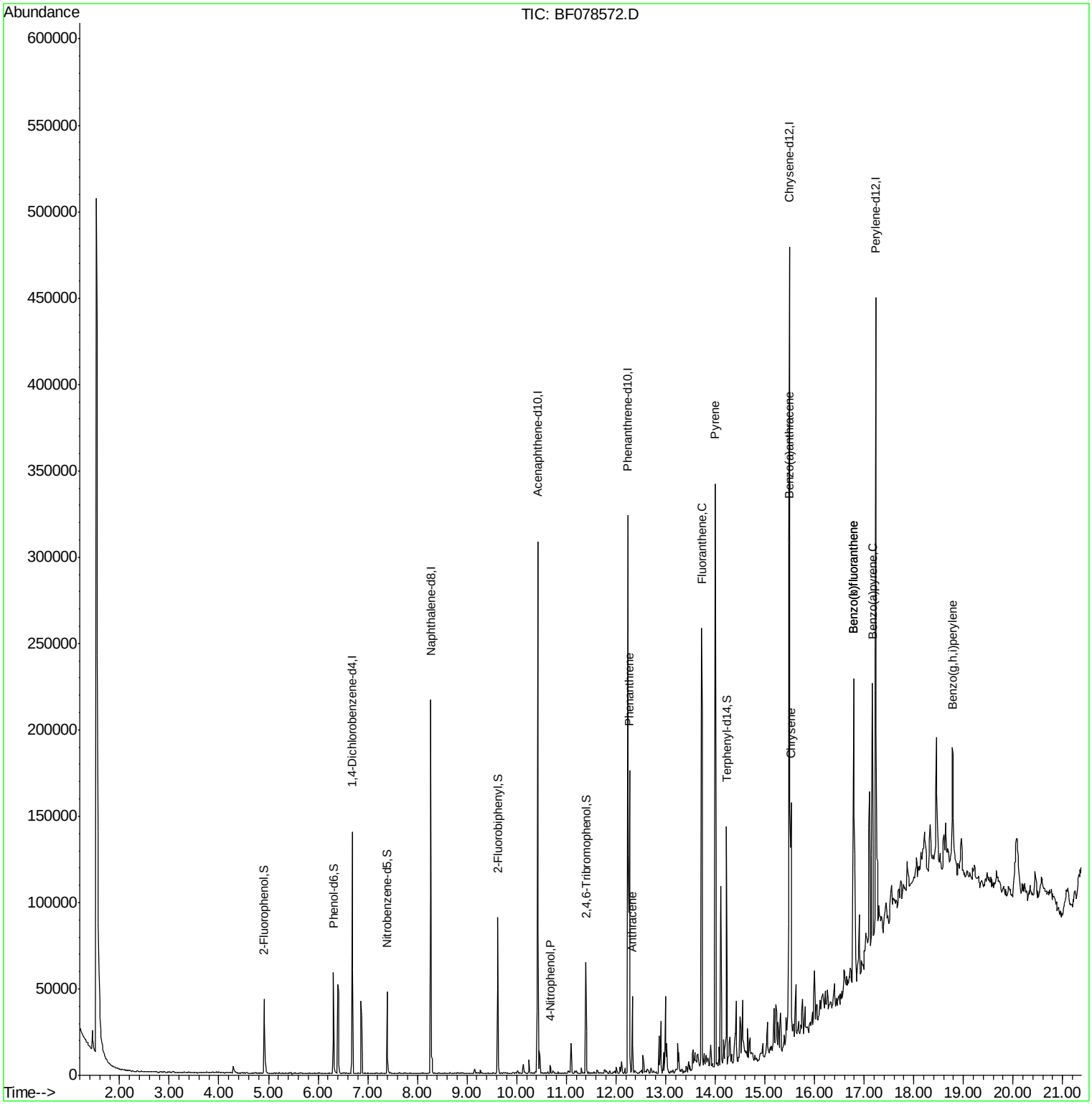
(#) = qualifier out of range (m) = manual integration (+) = signals summed

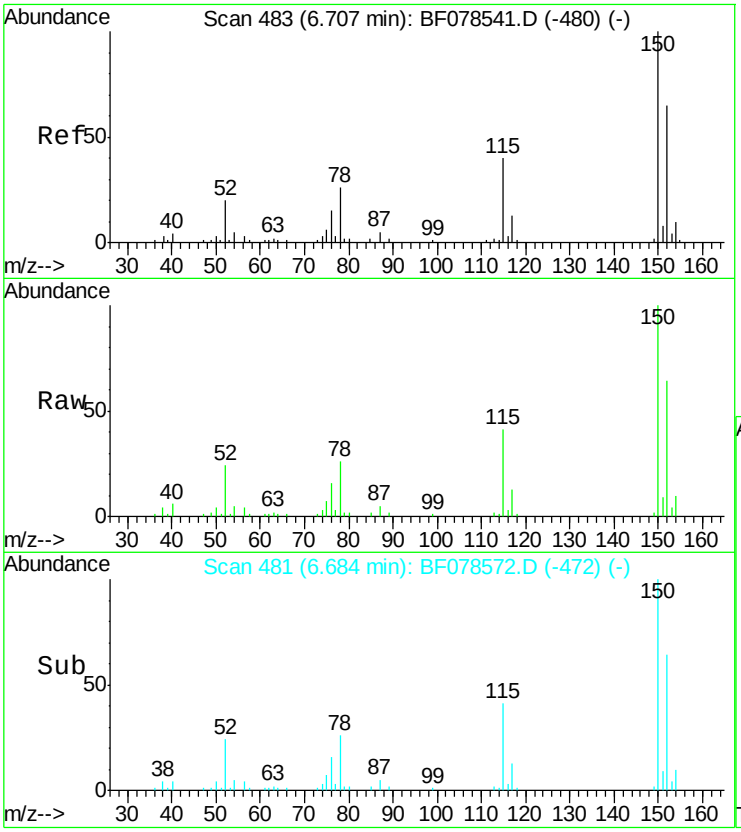
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078572.D
Acq On : 16 Apr 2015 18:23
Operator : TP/IZ
Sample : G1891-06DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-82S

Quant Time: Apr 17 01:22:39 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



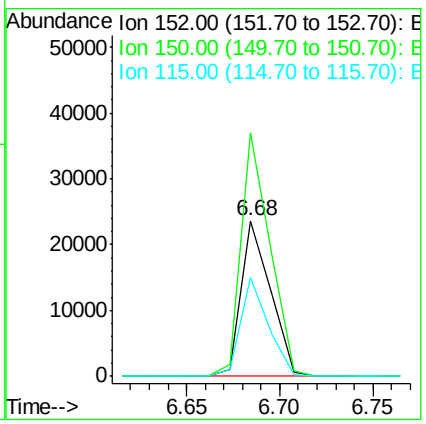


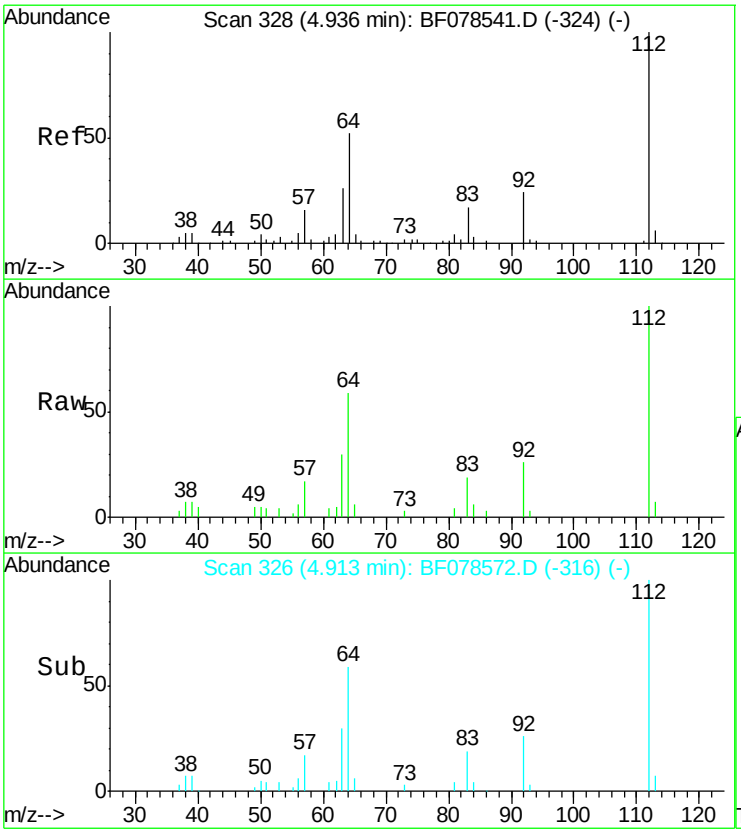
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:152 Resp: 25782

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	64.0	52.7	79.1

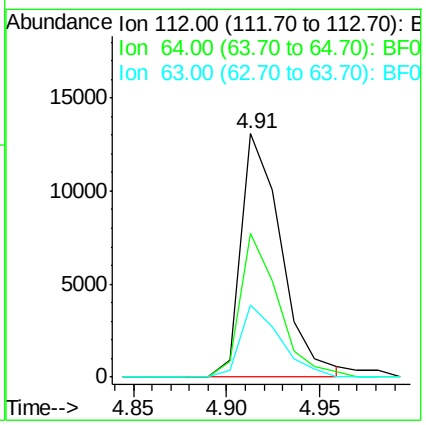


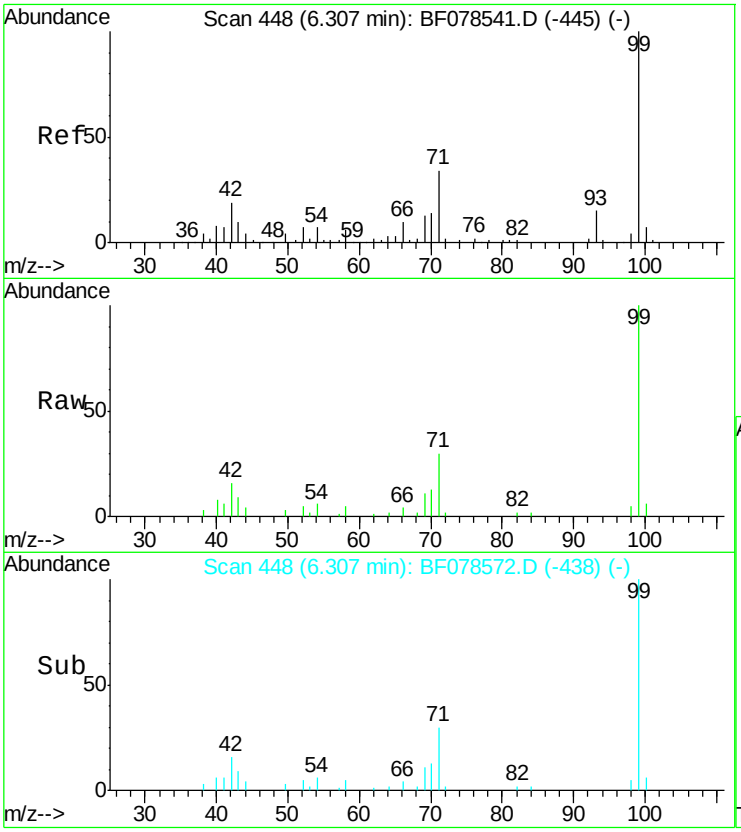


#5
2-Fluorophenol
Concen: 12.55 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:112 Resp: 19618

Ion	Ratio	Lower	Upper
112	100		
64	59.1	39.9	59.9
63	29.7	20.2	30.4



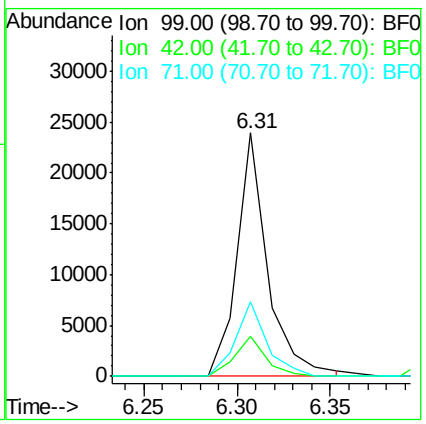


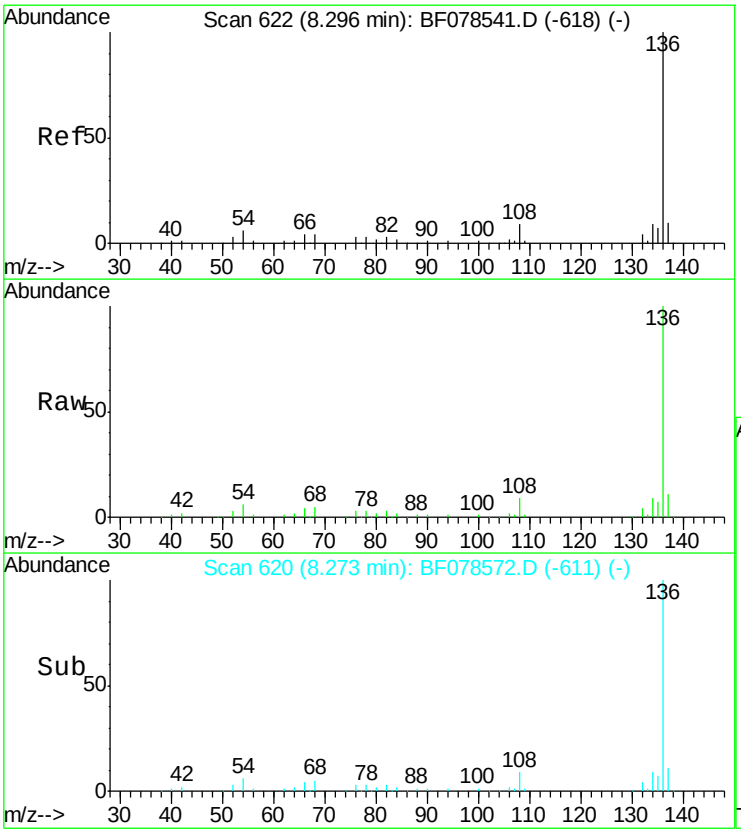
#7
Phenol-d6
Concen: 14.01 ng
RT: 6.31 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion: 99 Resp: 27449

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.8	22.2
71	30.5	26.6	39.8

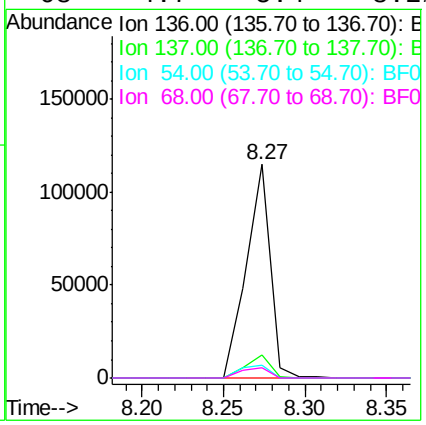


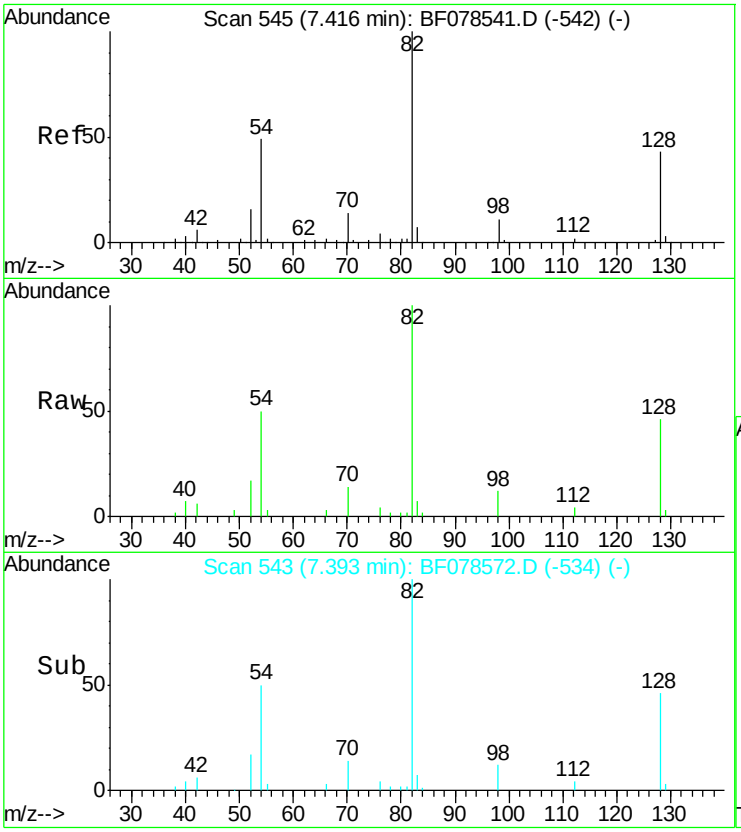


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:136 Resp: 116815

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.9	7.0	10.6#
68	4.7	5.4	8.2#



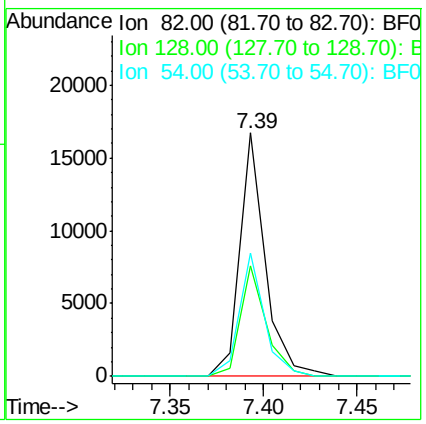


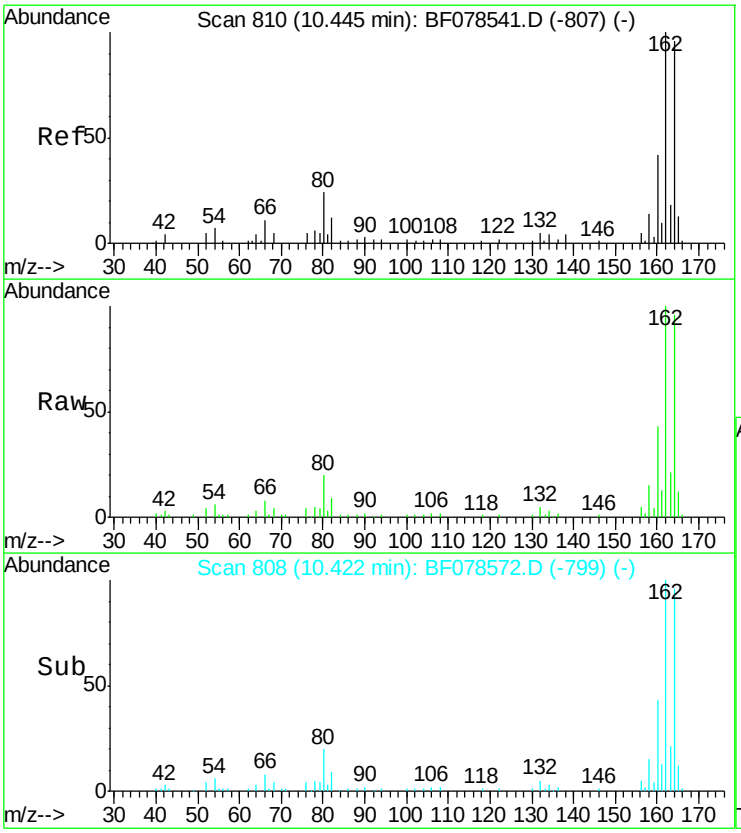
#23
Nitrobenzene-d5
Concen: 8.26 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion: 82 Resp: 15926

Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.8	47.8
54	50.4	41.5	62.3

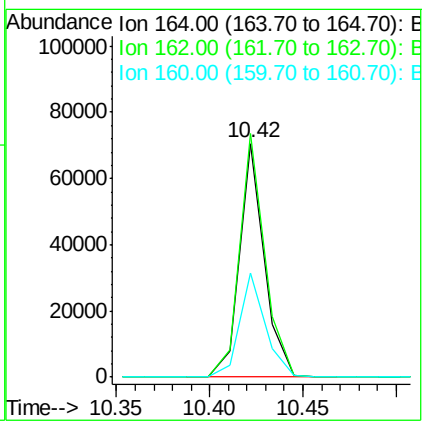


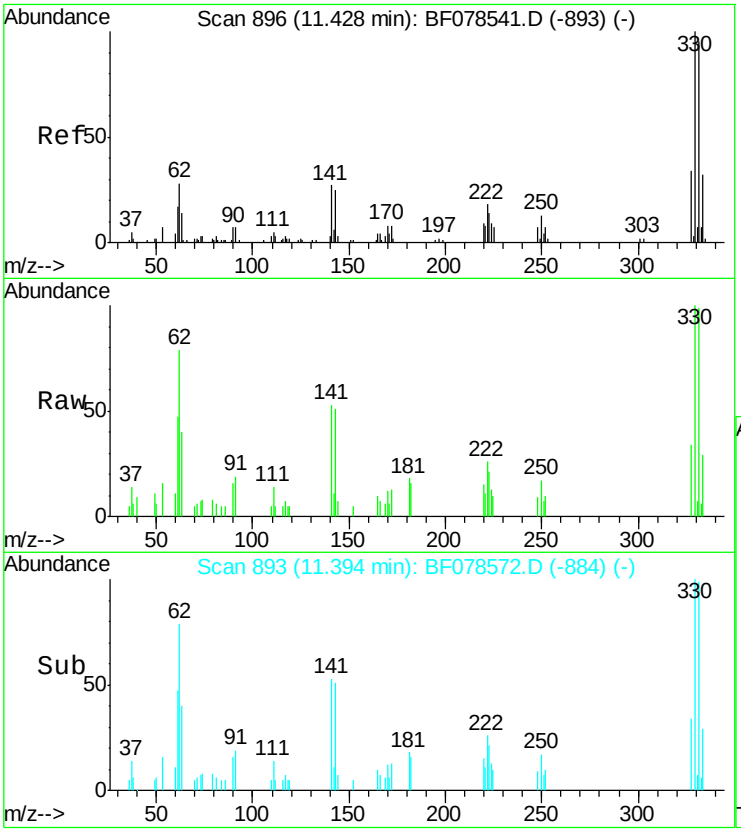


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:164 Resp: 65026

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	44.5	34.7	52.1



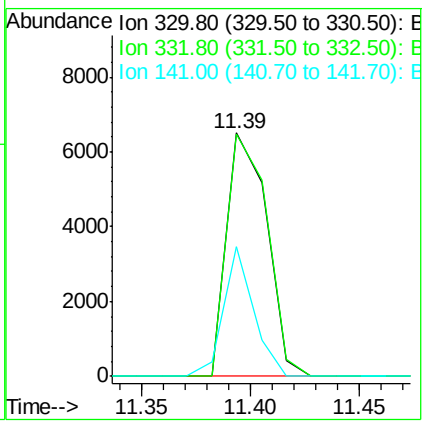


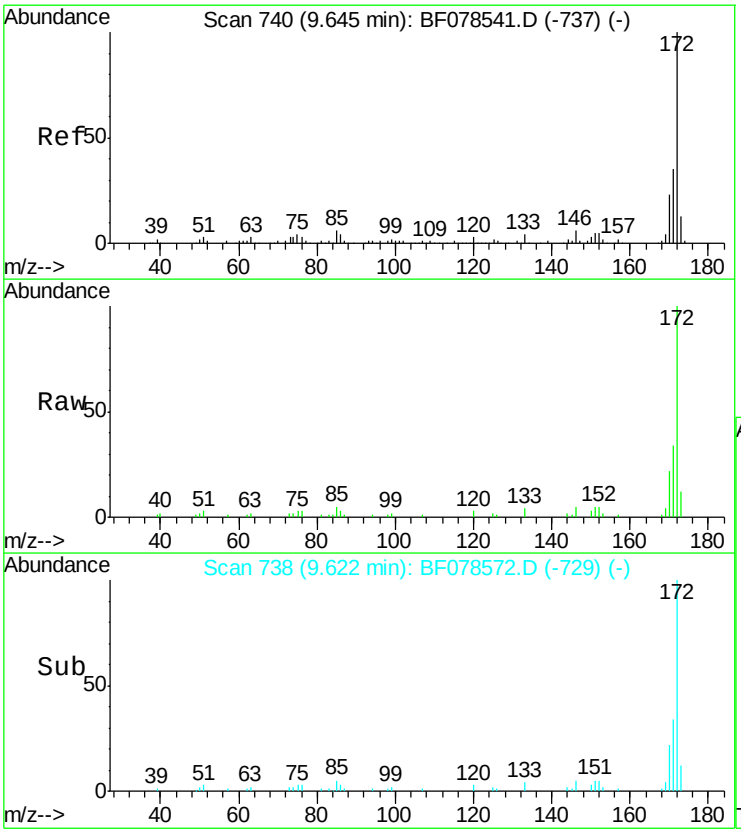
#41
2,4,6-Tribromophenol
Concen: 15.41 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:330 Resp: 8312

Ion	Ratio	Lower	Upper
330	100		
332	100.3	78.6	117.8
141	39.8	31.2	46.8

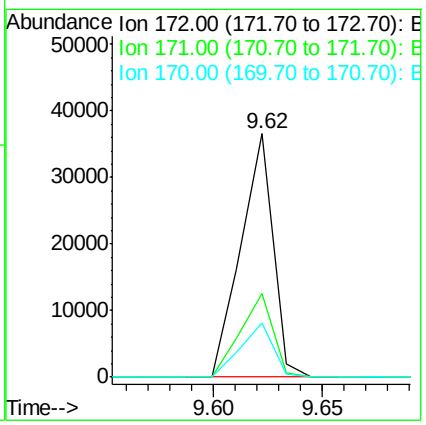


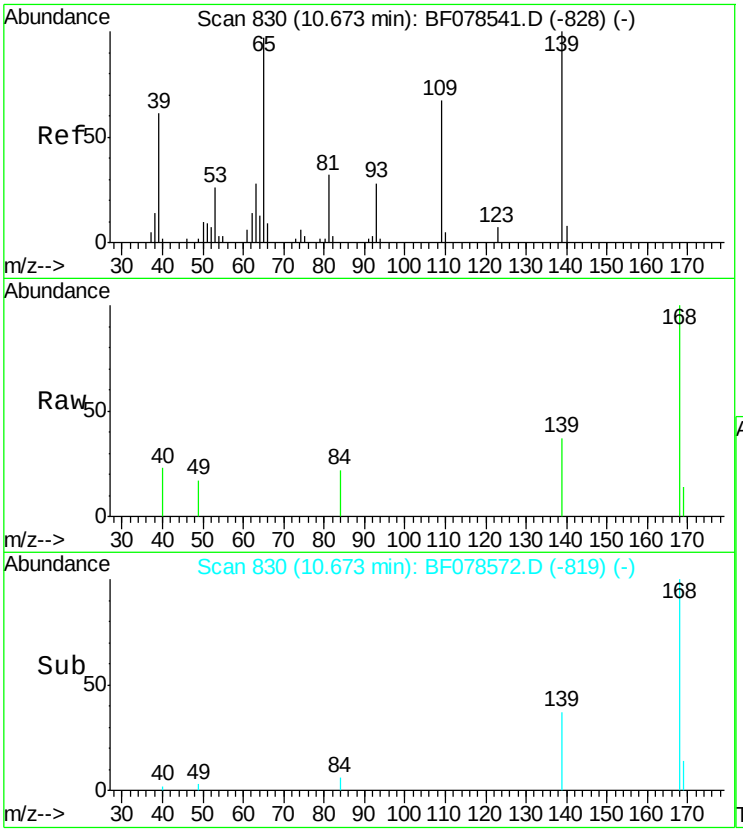


#44
2-Fluorobiphenyl
Concen: 8.28 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:172 Resp: 37645

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.3	18.5	27.7



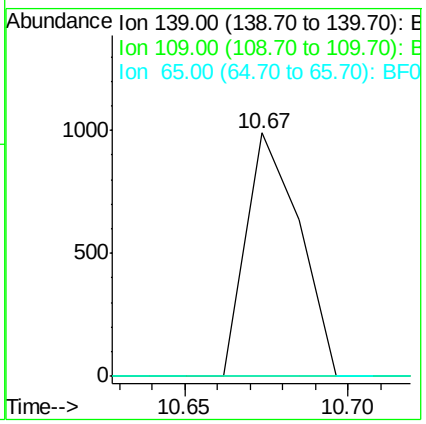


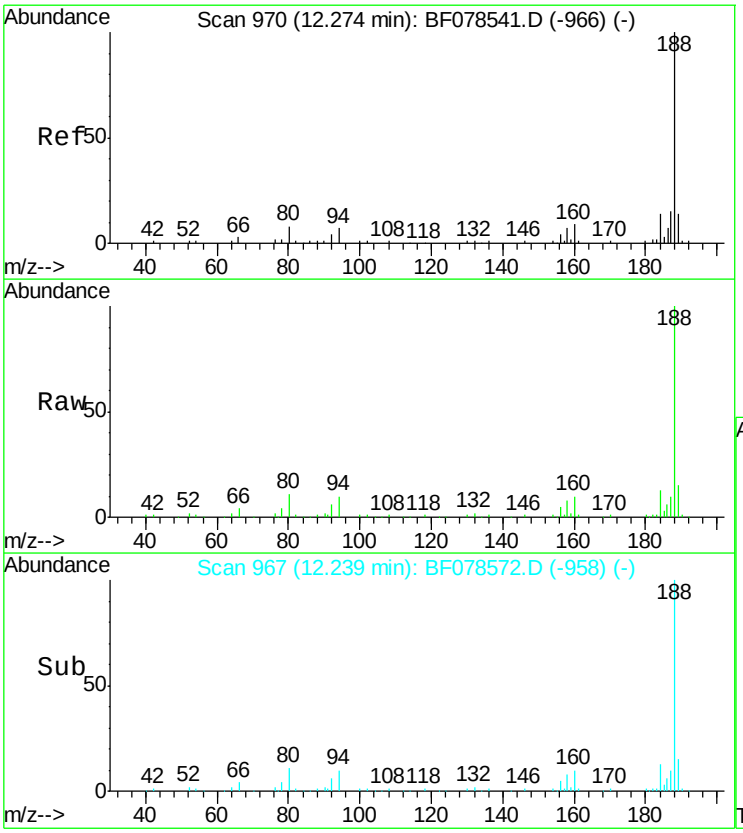
#55
4-Nitrophenol
Concen: 4.04 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:139 Resp: 1114

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

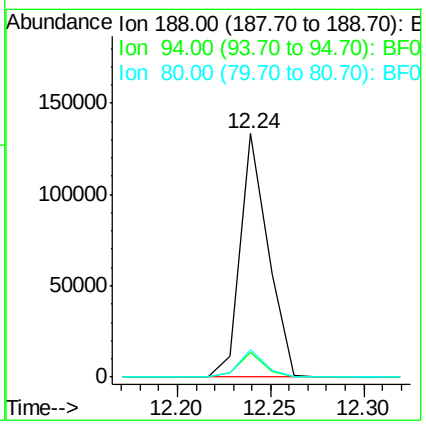


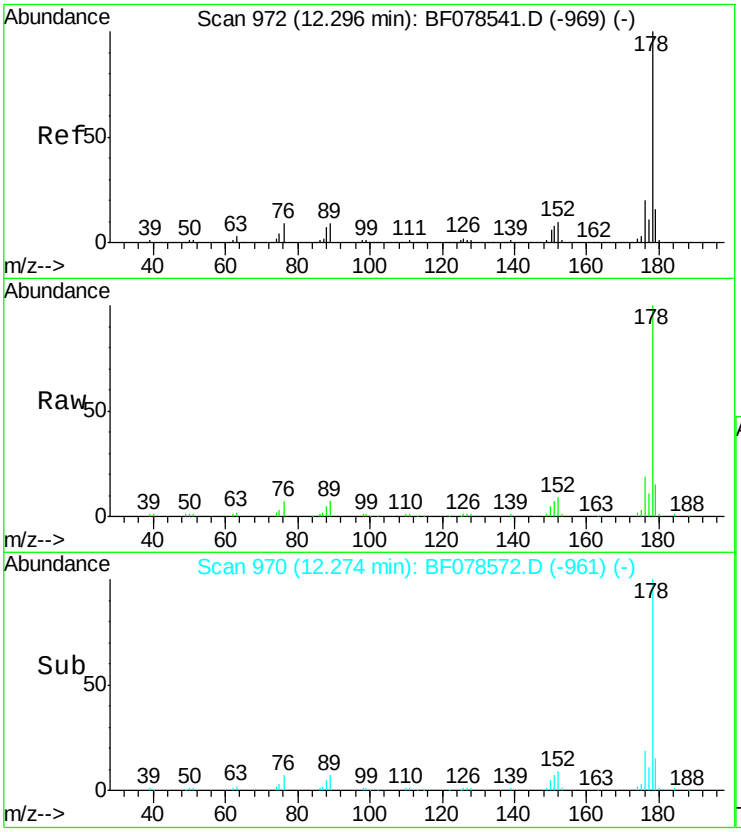


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:188 Resp: 138601

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	11.0	9.5	14.3



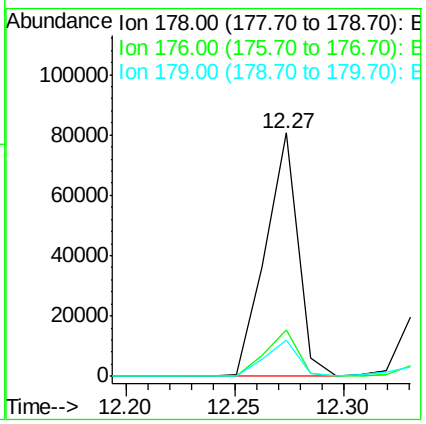


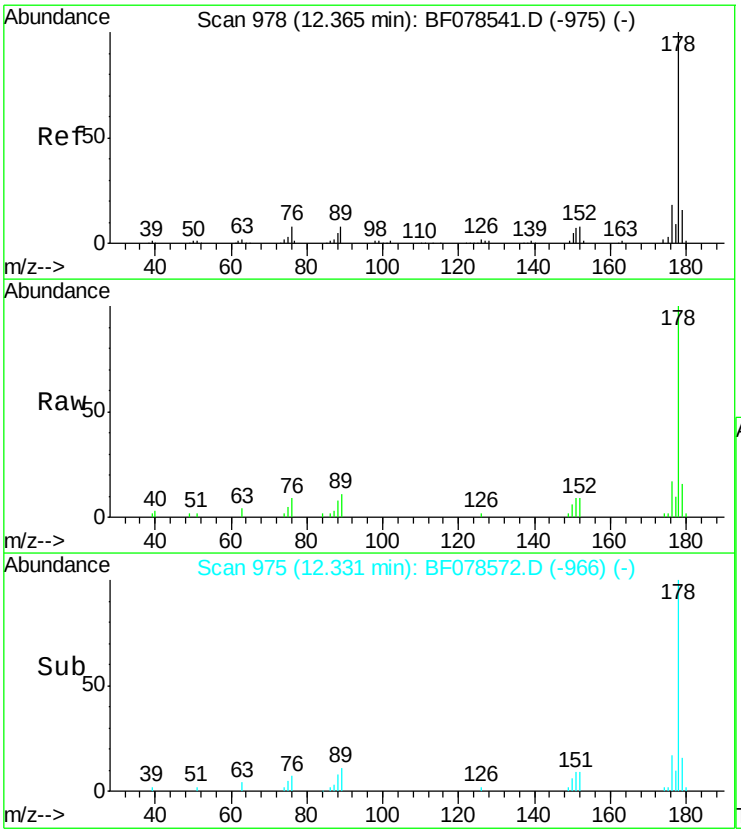
#70
Phenanthrene
Concen: 10.55 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:178 Resp: 84567

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.8	12.2	18.2

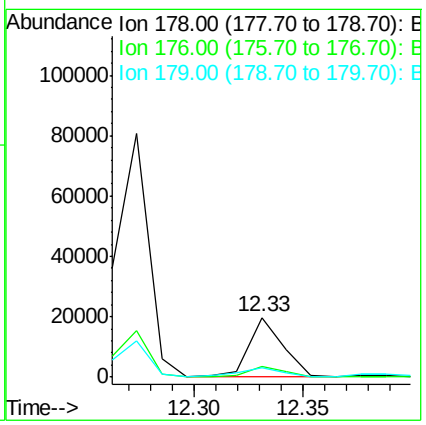


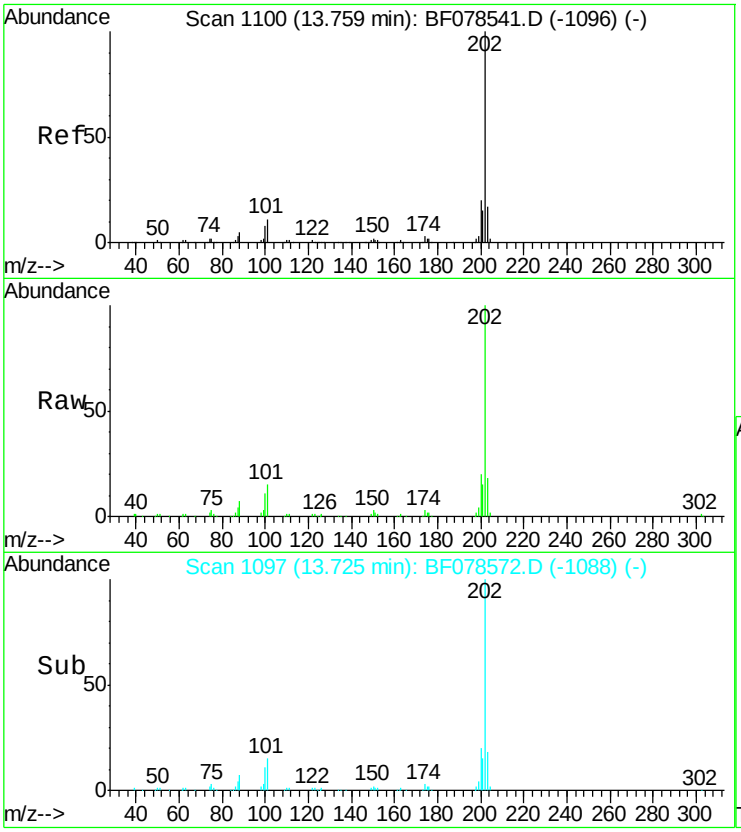


#71
Anthracene
Concen: 2.71 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:178 Resp: 21449

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.8	22.2
179	15.5	12.4	18.6



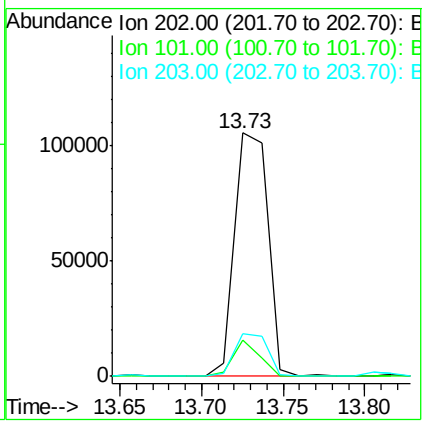


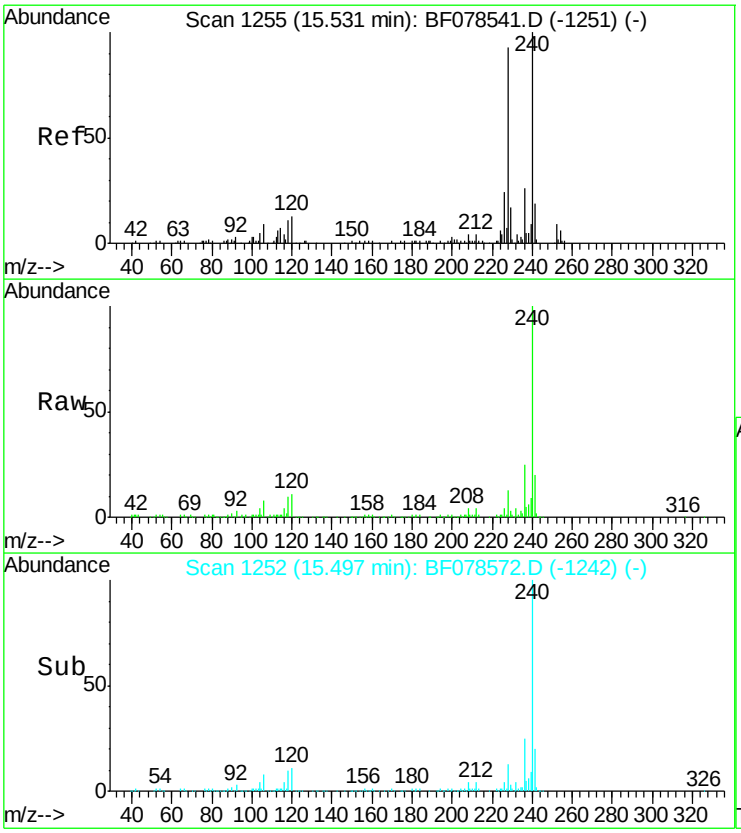
#74
Fluoranthene
Concen: 17.66 ng
RT: 13.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:202 Resp: 149319

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	35.2
203	17.6	0.0	38.5

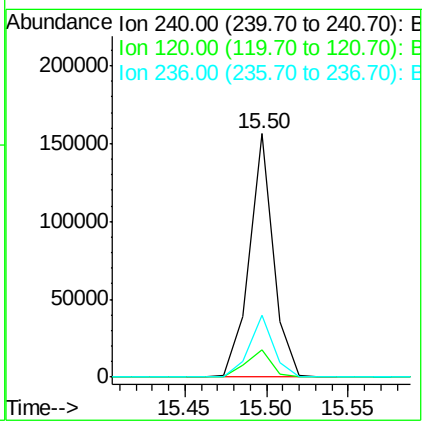


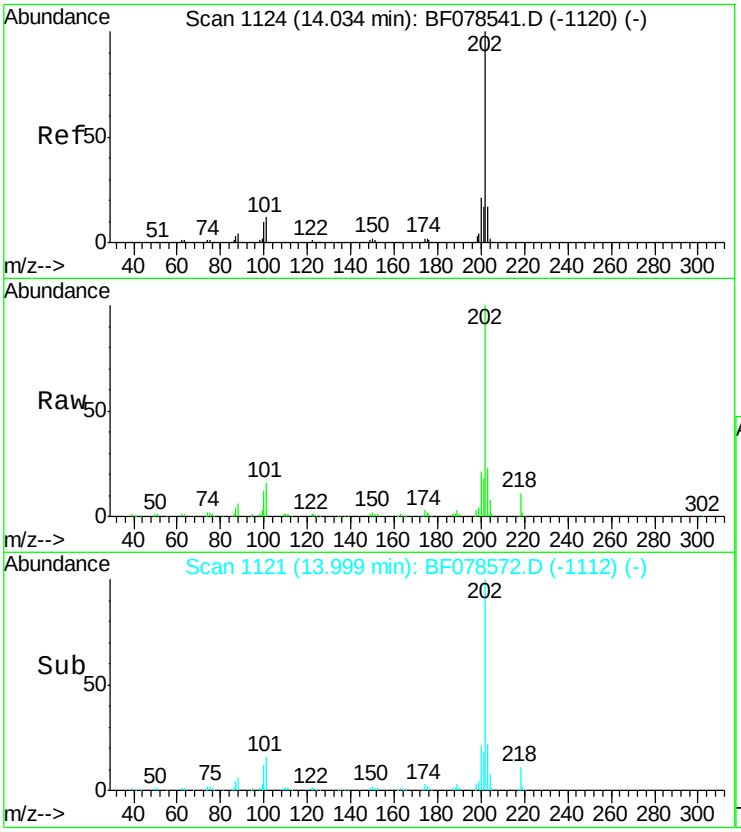


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:240 Resp: 160709

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	25.5	21.4	32.2



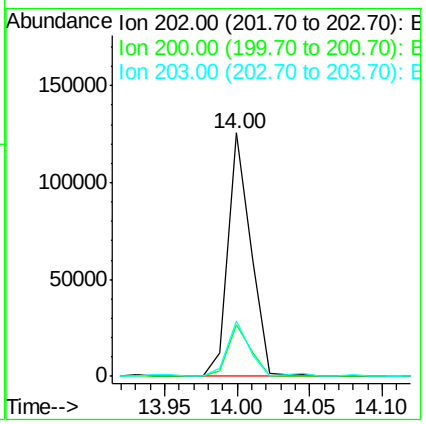


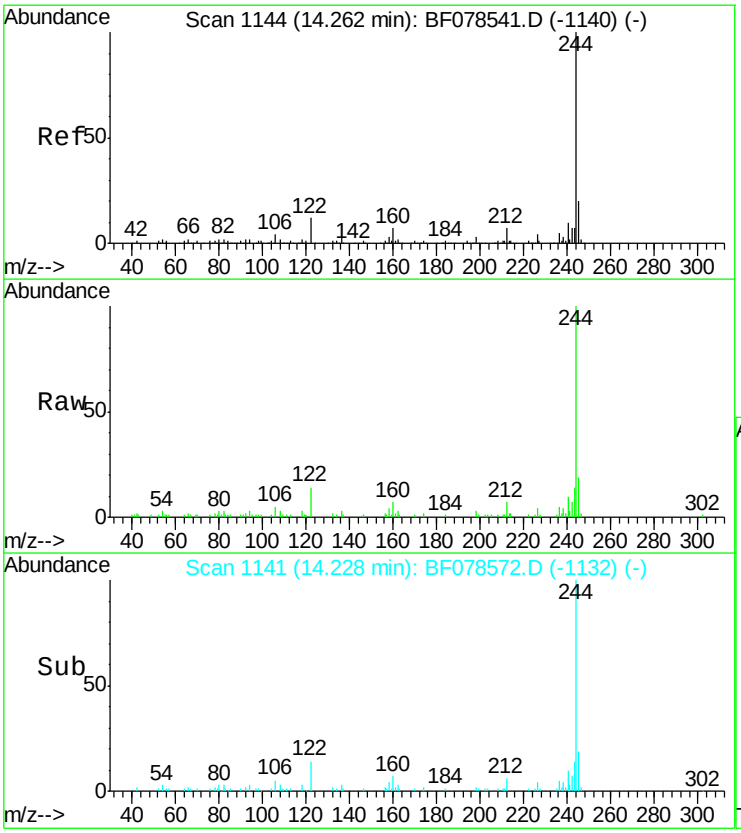
#77
Pyrene
Concen: 13.61 ng
RT: 14.00 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:202 Resp: 137355

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	22.7	13.8	20.6#

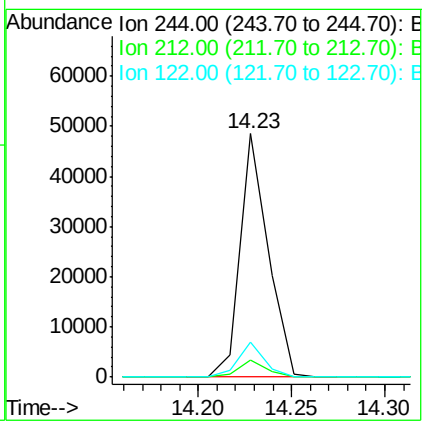


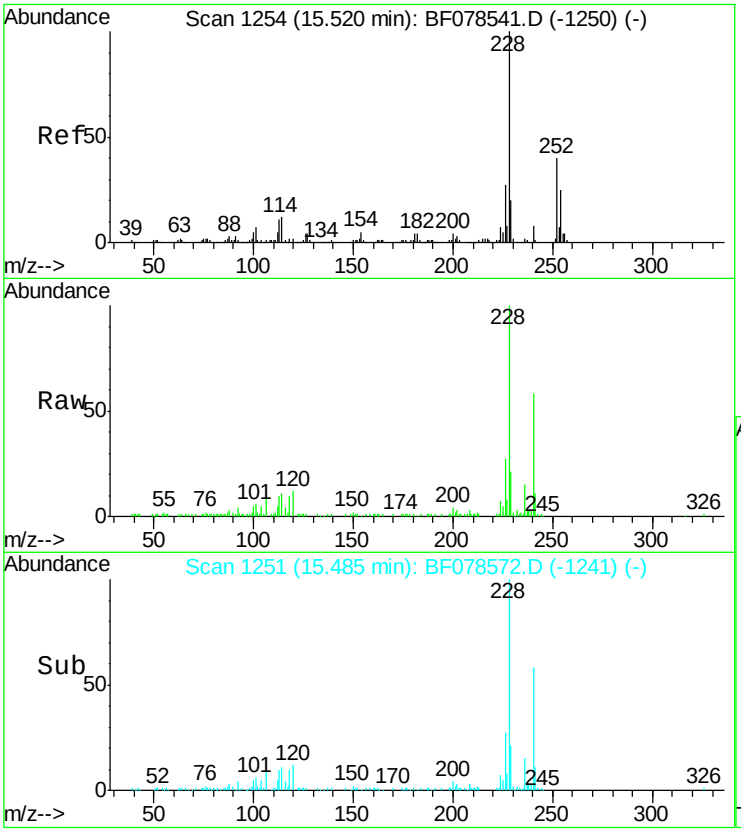


#78
Terphenyl-d14
Concen: 7.09 ng
RT: 14.23 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:244 Resp: 50454

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	14.2	7.1	10.7#



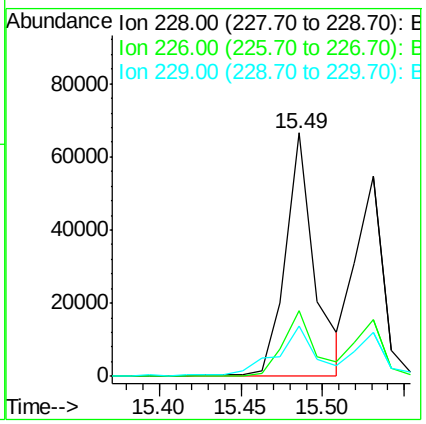


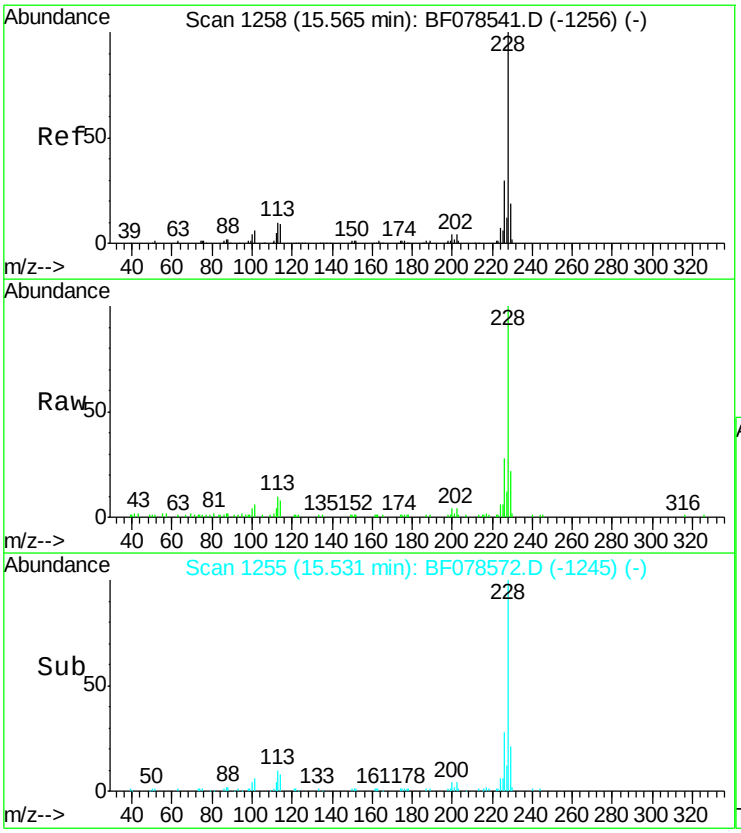
#80
Benzo(a)anthracene
Concen: 8.73 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:228 Resp: 83489

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	20.8	15.4	23.2

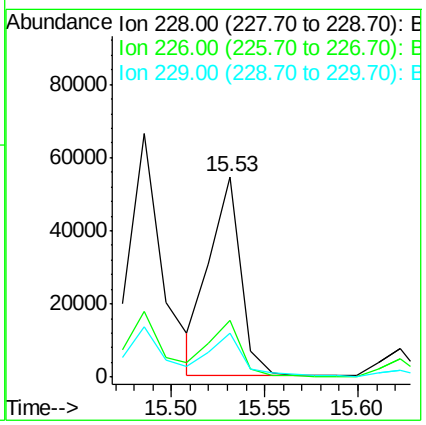


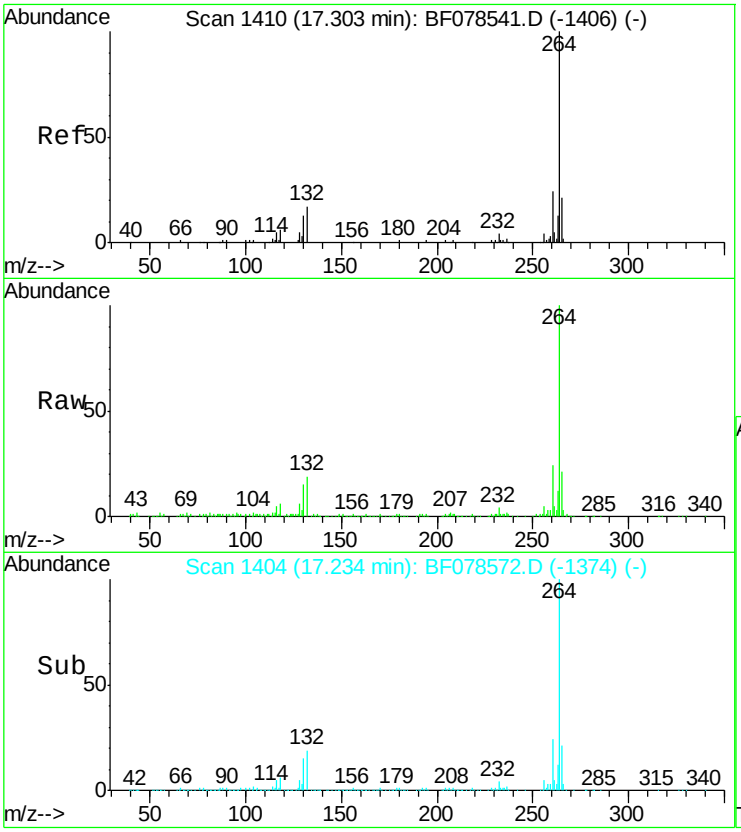


#82
Chrysene
Concen: 7.07 ng
RT: 15.53 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:228 Resp: 63497

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.2	36.4
229	21.9	15.8	23.8



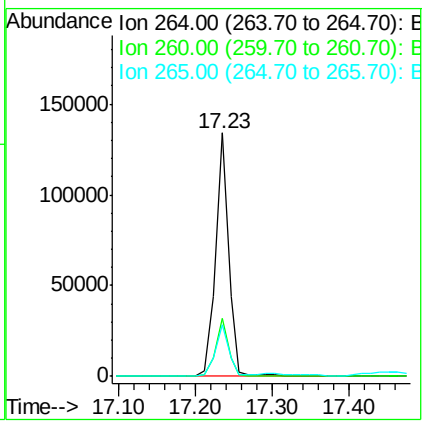


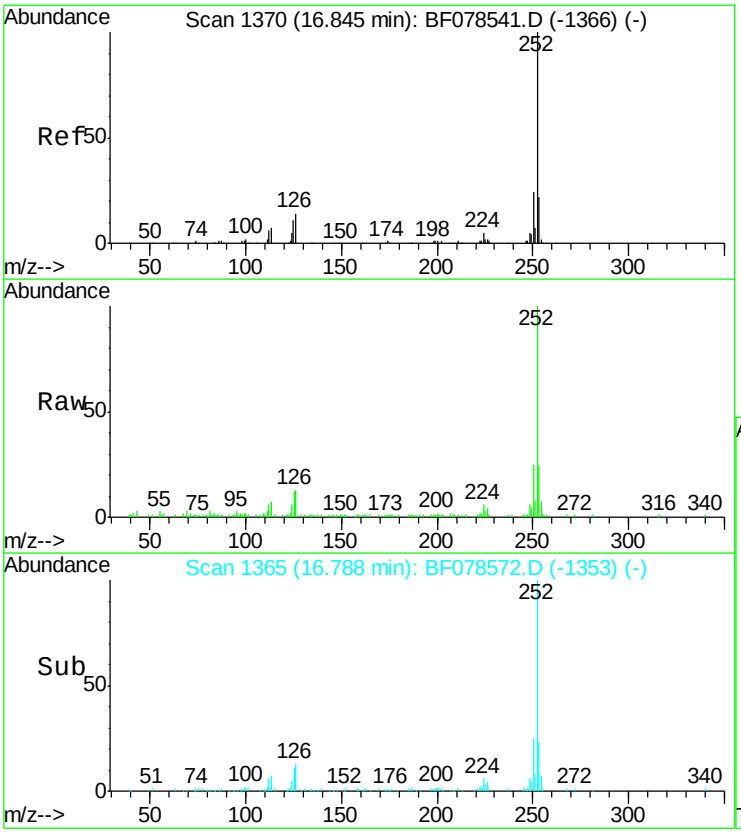
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.23 min Scan# 1404
Delta R.T. 0.05 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:264 Resp: 159643

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.3	17.0	25.6

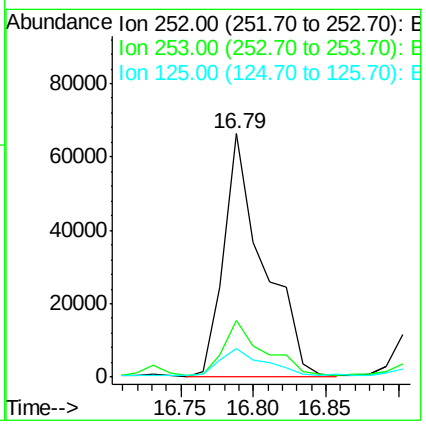


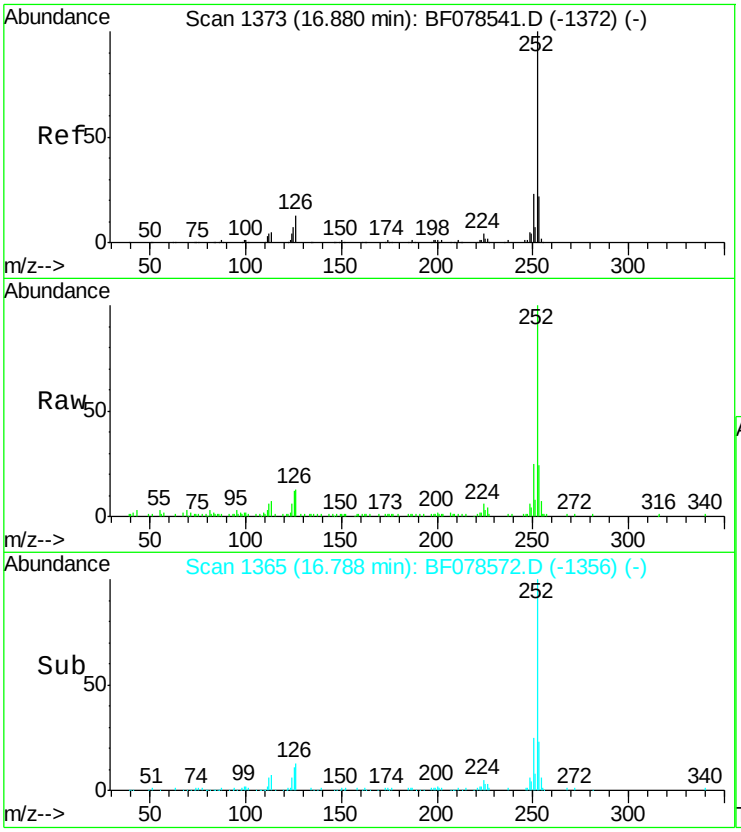


#87
Benzo(b)fluoranthene
Concen: 12.86 ng
RT: 16.79 min Scan# 1365
Delta R.T. 0.03 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:252 Resp: 126868

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.0	7.0	10.4#



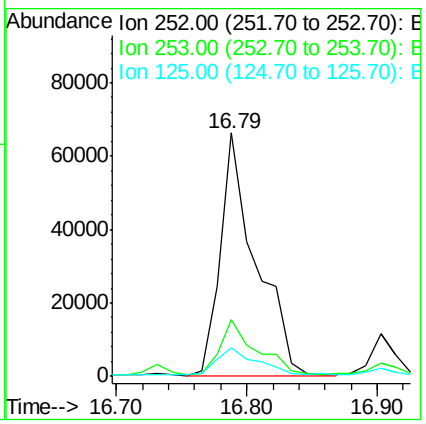


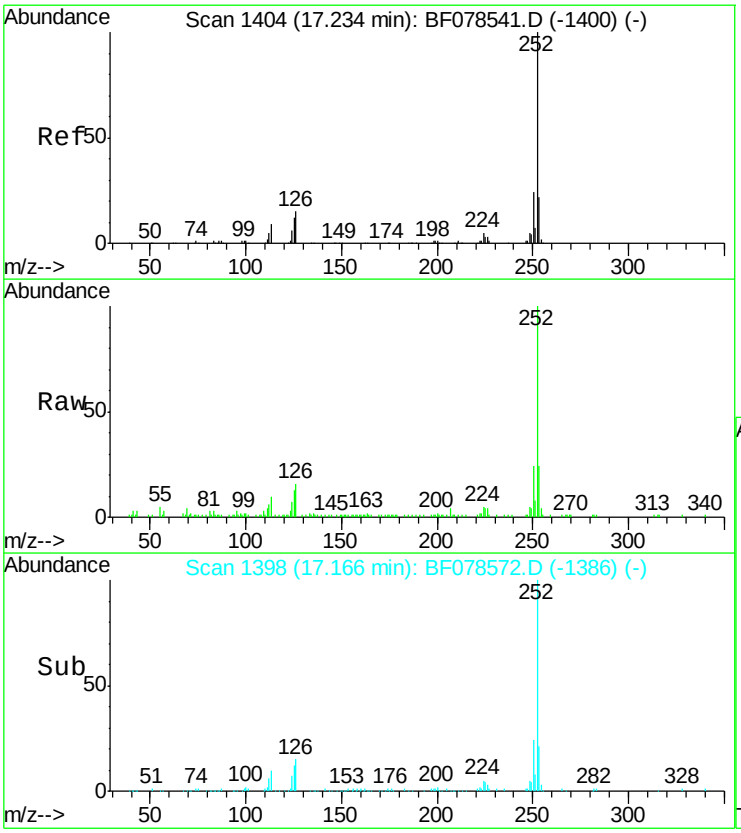
#88
Benzo(k)fluoranthene
Concen: 14.51 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:252 Resp: 127254

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.0	11.6	17.4

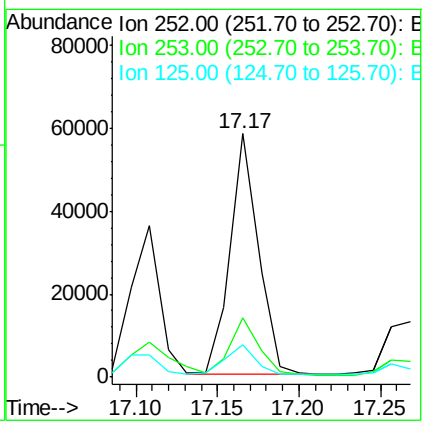


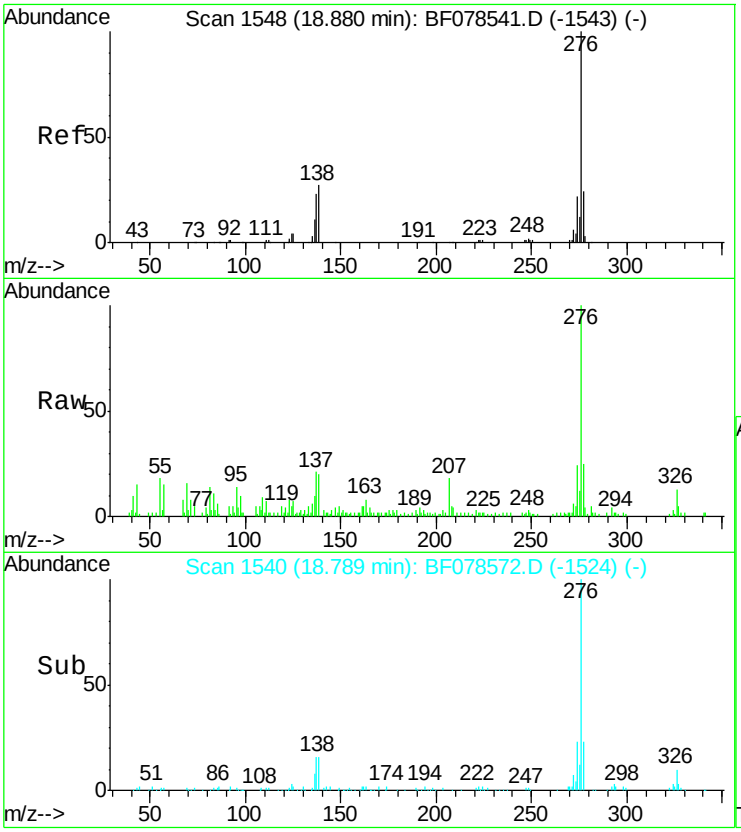


#89
Benzo(a)pyrene
Concen: 8.03 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.03 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Tgt Ion:252 Resp: 69121

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.8	25.2
125	13.3	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 4.91 ng
RT: 18.79 min Scan# 1540
Delta R.T. 0.08 min
Lab File: BF078572.D
Acq: 16 Apr 2015 18:23

Instrument :
BNA_F
ClientSampleId :
SB-82S

Tgt Ion:276 Resp: 42398

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	20.3	19.9	29.9