Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
Data File : BF078673.D
Acq On : 21 Apr 2015 7:58
Operator : TP/IZ
Sample : G1943-07 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C-1

Quant Time: Apr 21 08:44:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:32:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	30121	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	119613	20.00	ng		0.00
38) Acenaphthene-d10	11.20	164	61325	20.00	ng		-0.01
63) Phenanthrene-d10	13.94	188	119973	20.00	ng		0.00
75) Chrysene-d12	17.81	240	124418	20.00	ng		0.00
86) Perylene-d12	19.54	264	125056	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.88	112	16319	8.93	ng		0.01
7) Phenol-d6	5.36	99	21696	9.48	ng		0.00
23) Nitrobenzene-d5	6.80	82	11952	6.06	ng		0.00
41) 2,4,6-Tribromophenol	12.67	330	4928	9.69	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	30920	7.21	ng		-0.01
78) Terphenyl-d14	16.46	244	35690	6.48	ng		-0.01
Target Compounds							Qvalue
55) 4-Nitrophenol	11.59	139	1266	4.31	ng	#	18
70) Phenanthrene	13.98	178	148945	21.46	ng		99
71) Anthracene	14.07	178	40349	5.90	ng		98
72) Carbazole	14.40	167	14831	2.31	ng		97
74) Fluoranthene	15.86	202	319219	43.62	ng		96
77) Pyrene	16.17	202	290587	37.20	ng	#	96
80) Benzo(a)anthracene	17.79	228	145299	19.63	ng		99
82) Chrysene	17.83	228	127776	18.37	ng		99
85) Indeno(1,2,3-cd)pyrene	20.74	276	84606	10.72	ng	#	89
87) Benzo(b)fluoranthene	19.11	252	231711	29.98	ng	#	97
88) Benzo(k)fluoranthene	19.11	252	232812	33.90	ng		97
89) Benzo(a)pyrene	19.47	252	119799	17.76	ng	#	94
90) Dibenzo(a,h)anthracene	20.75	278	20290	3.00	ng	#	91
91) Benzo(g,h,i)perylene	21.06	276	75746	11.19	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
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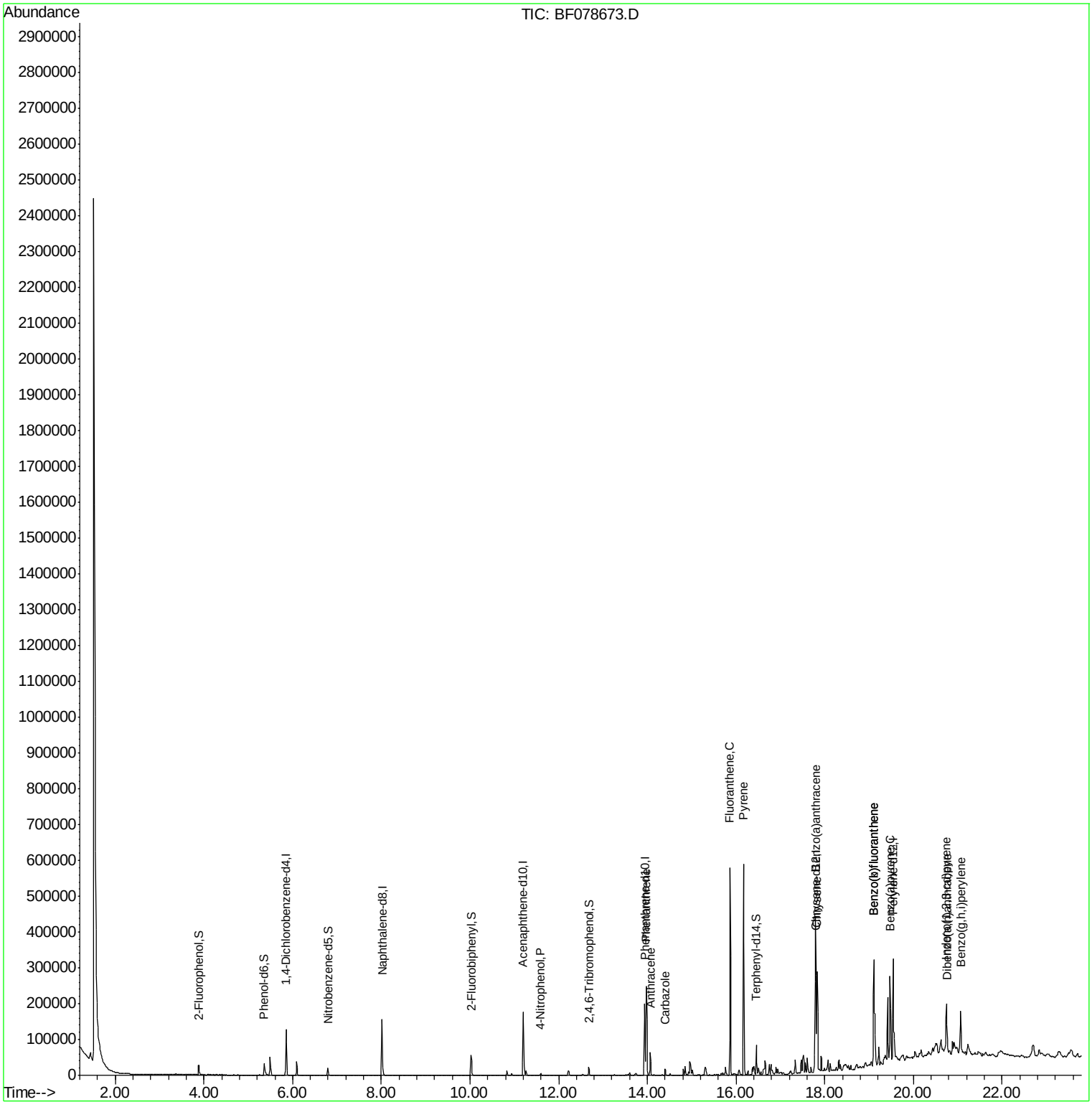
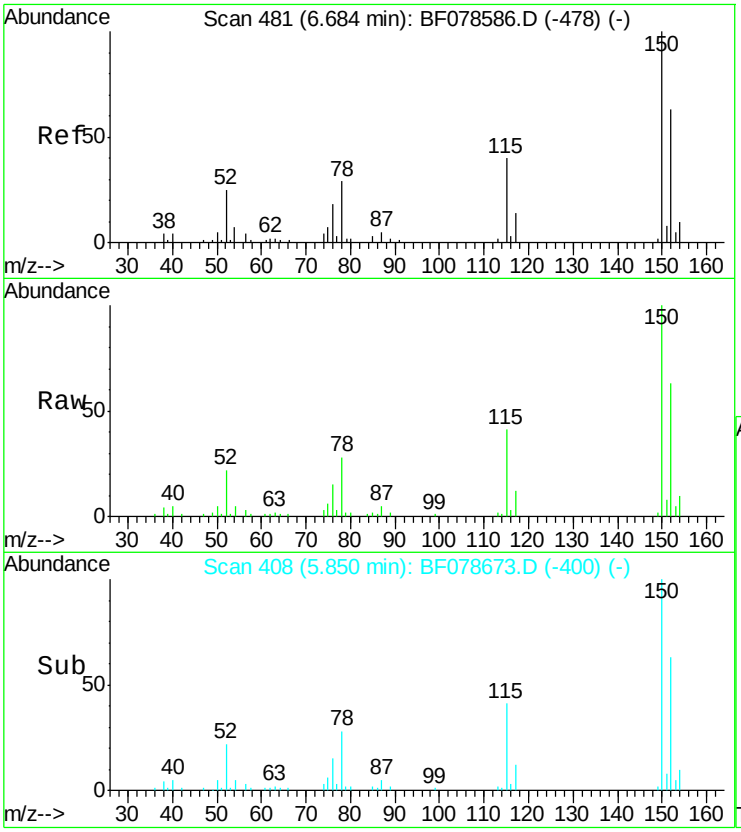


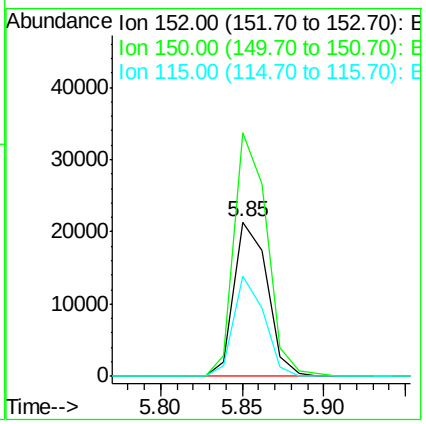


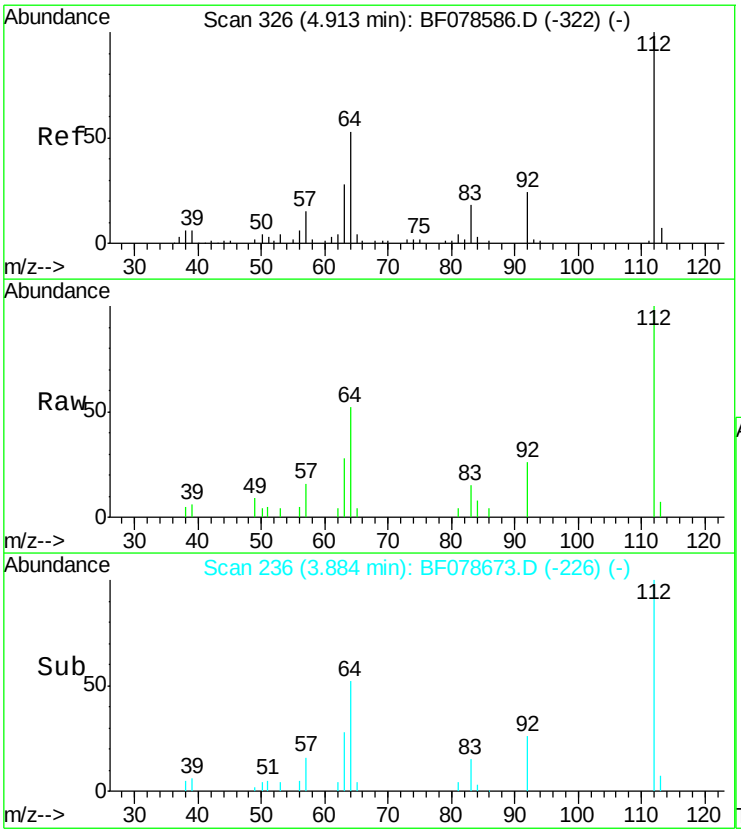
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:152 Resp: 30121

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	65.4	52.7	79.1

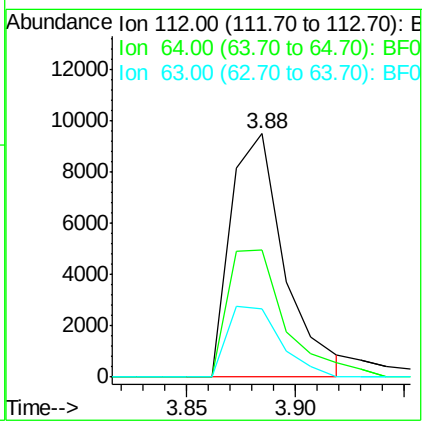


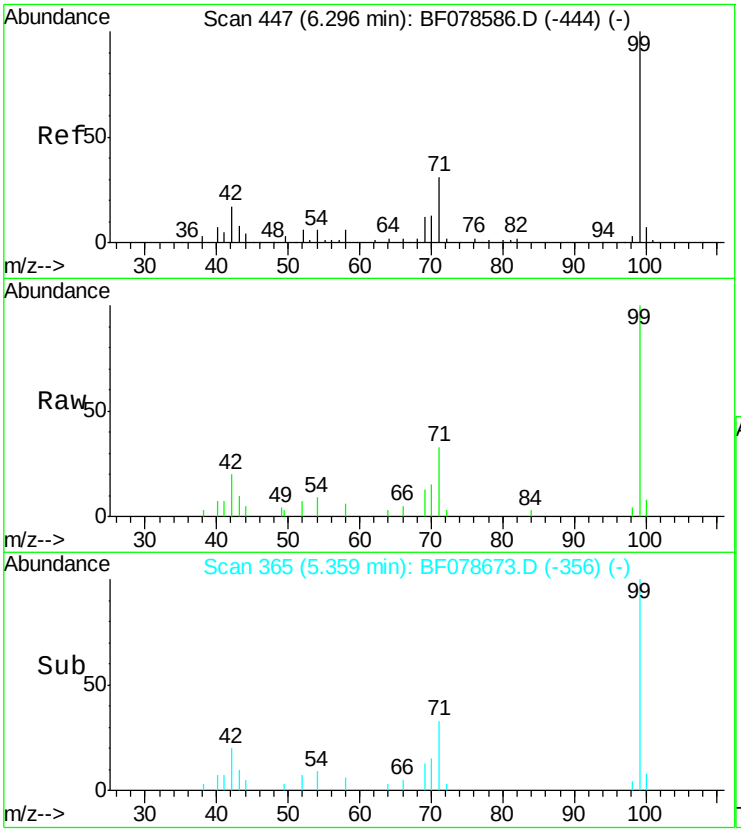


#5
2-Fluorophenol
Concen: 8.93 ng
RT: 3.88 min Scan# 236
Delta R.T. 0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:112 Resp: 16319

Ion	Ratio	Lower	Upper
112	100		
64	52.2	39.9	59.9
63	28.0	20.2	30.4



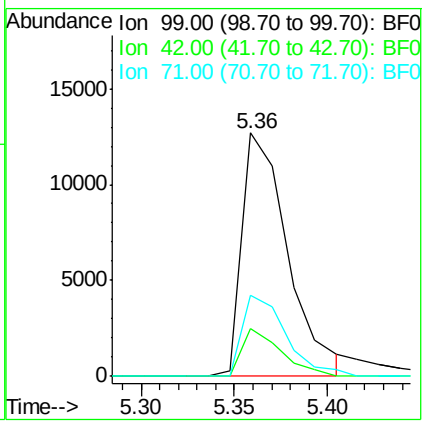


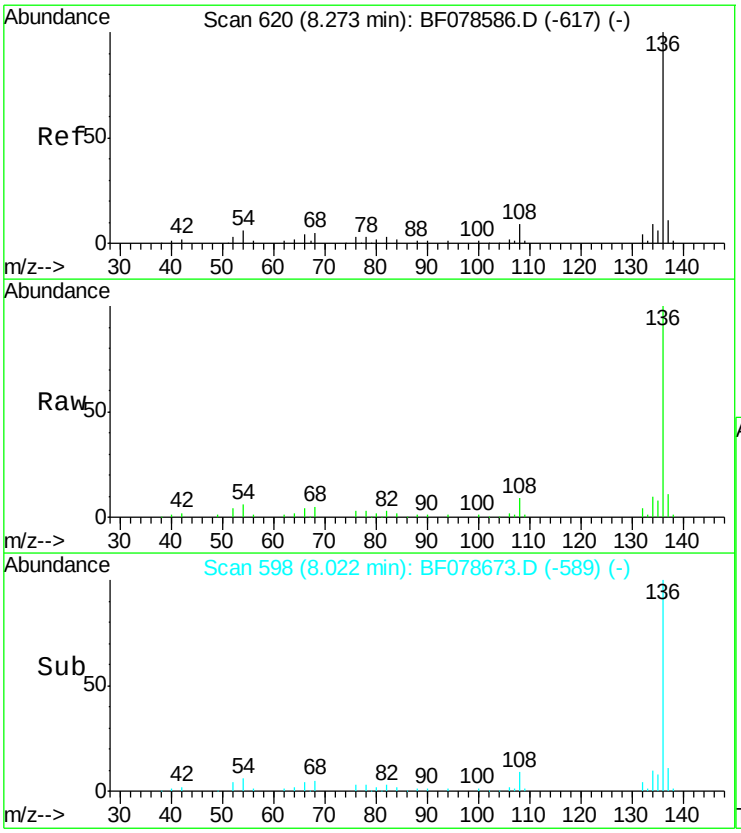
#7
Phenol-d6
Concen: 9.48 ng
RT: 5.36 min Scan# 365
Delta R.T. 0.00 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion: 99 Resp: 21696

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.8	22.2
71	33.5	26.6	39.8

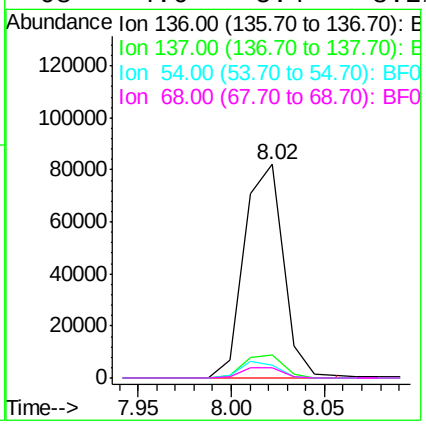


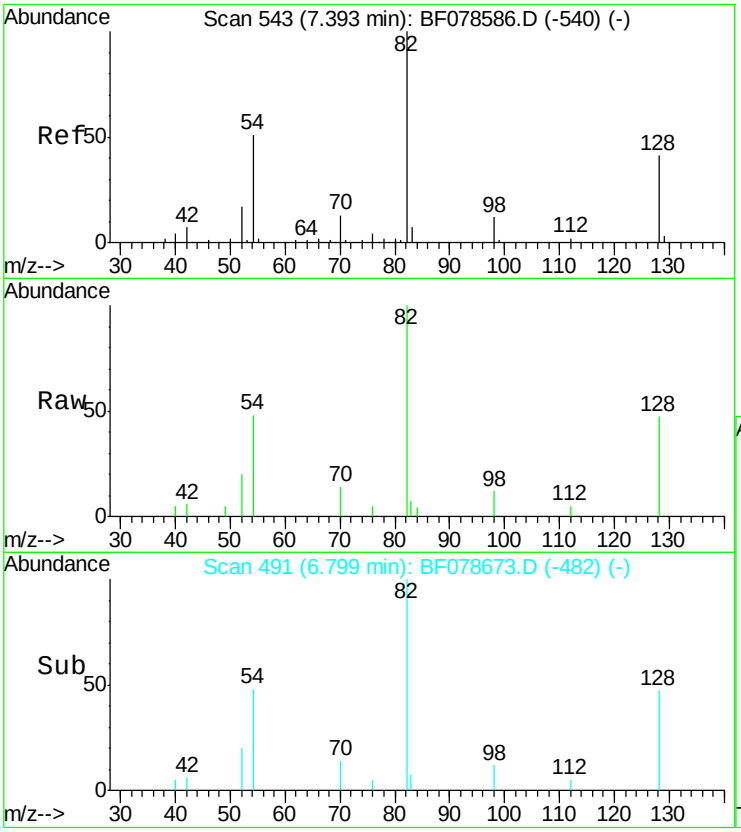


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:136 Resp: 119613

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.0	7.0	10.6#
68	4.6	5.4	8.2#



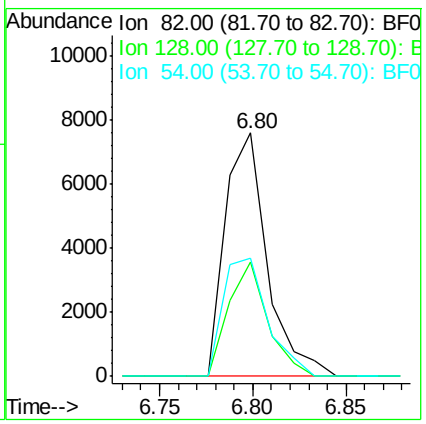


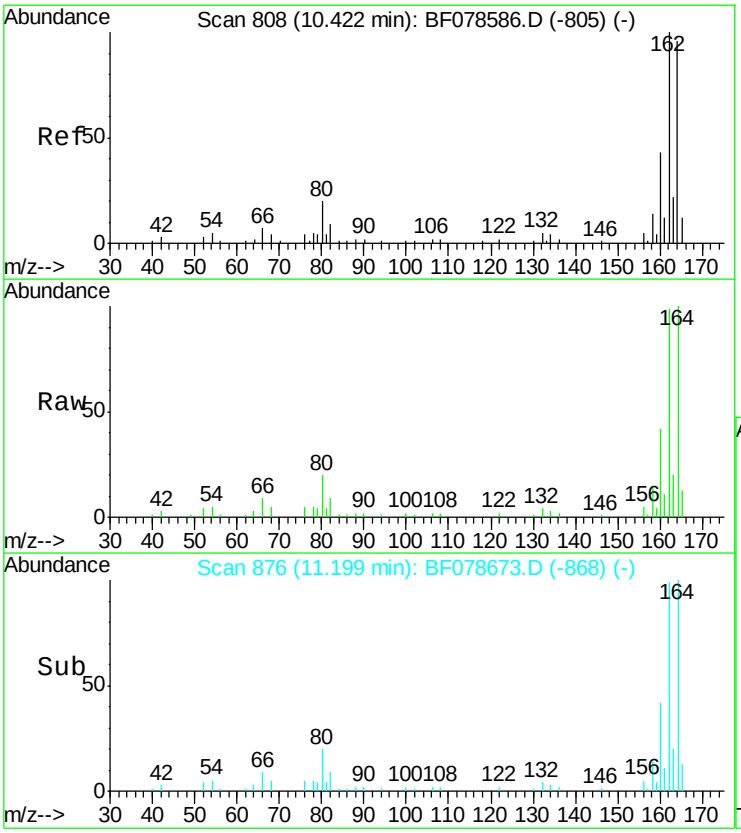
#23
Nitrobenzene-d5
Concen: 6.06 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion: 82 Resp: 11952

Ion	Ratio	Lower	Upper
82	100		
128	46.8	31.8	47.8
54	48.5	41.5	62.3

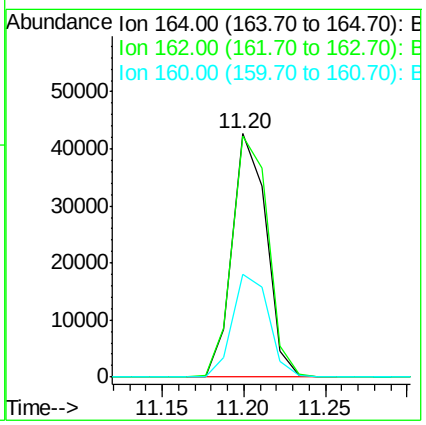


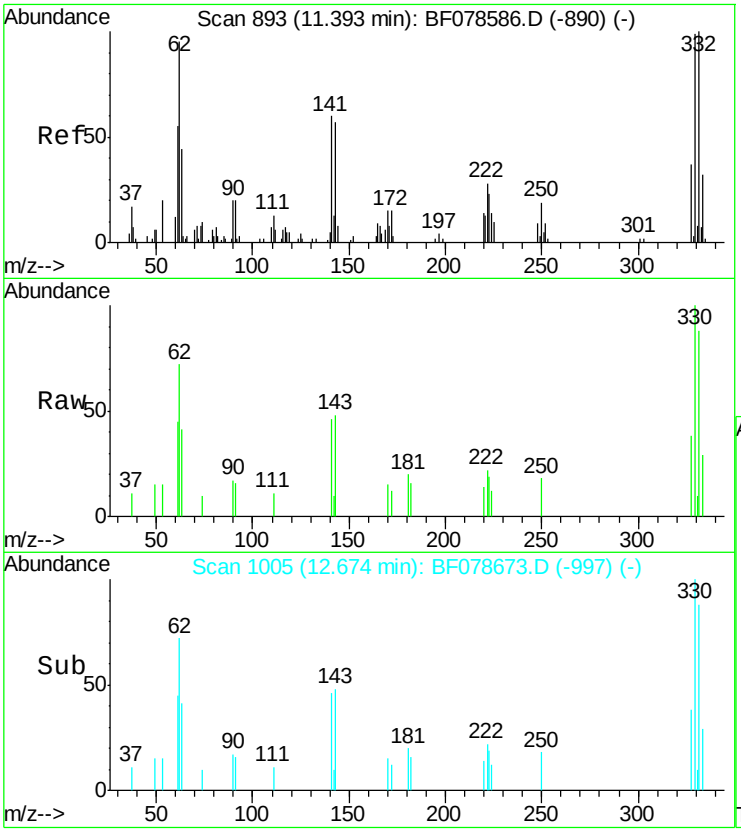


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:164 Resp: 61325

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.2	123.2
160	42.5	34.7	52.1



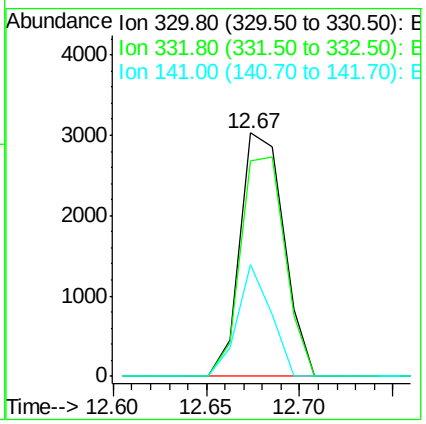


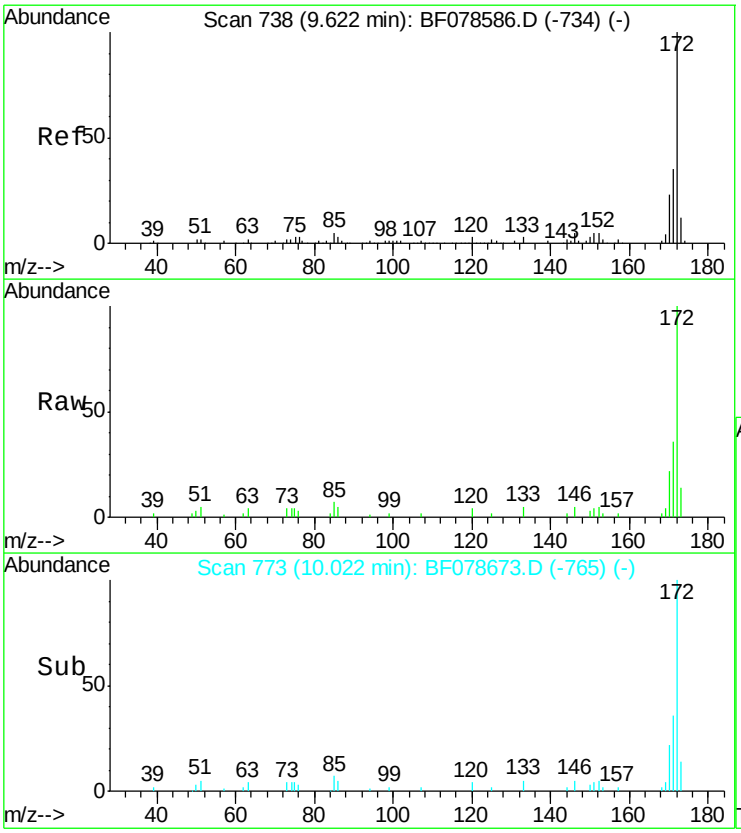
#41
2,4,6-Tribromophenol
Concen: 9.69 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:330 Resp: 4928

Ion	Ratio	Lower	Upper
330	100		
332	91.5	78.6	117.8
141	35.1	31.2	46.8

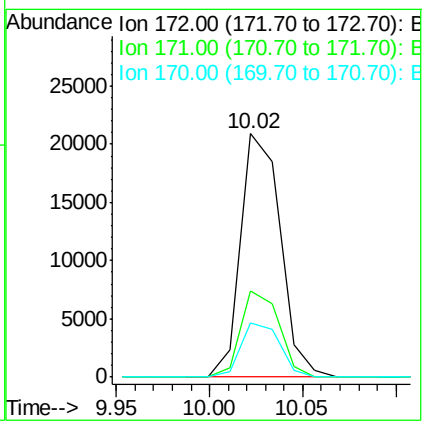


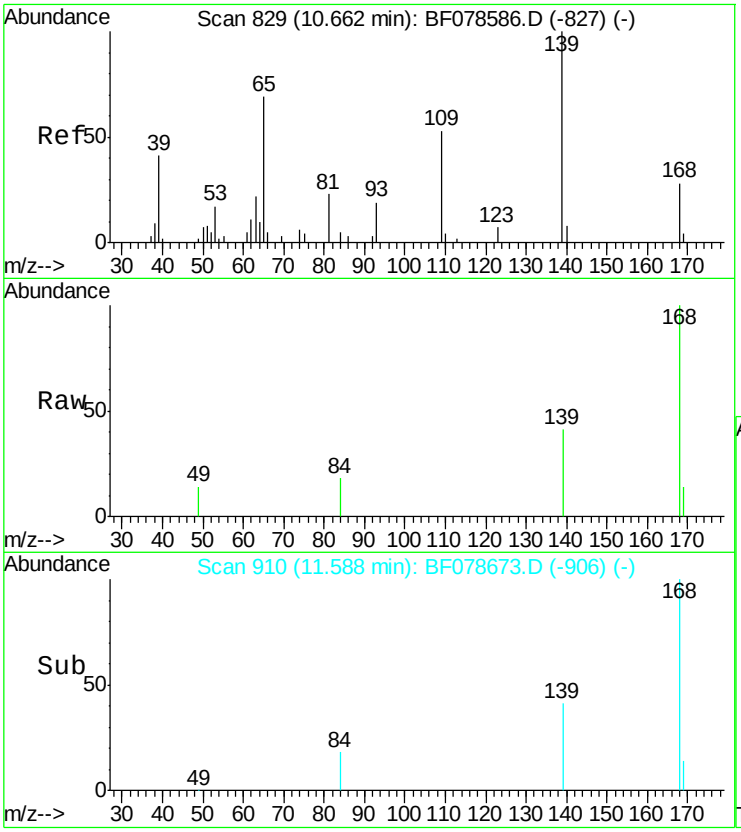


#44
2-Fluorobiphenyl
Concen: 7.21 ng
RT: 10.02 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:172 Resp: 30920

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	22.4	18.5	27.7



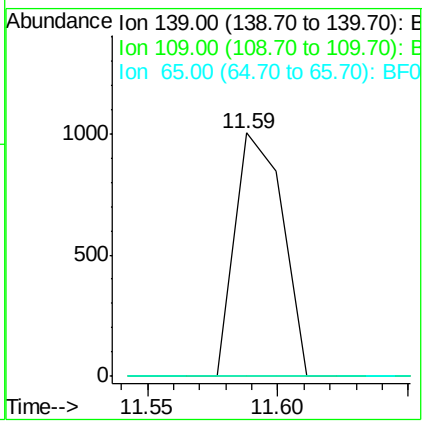


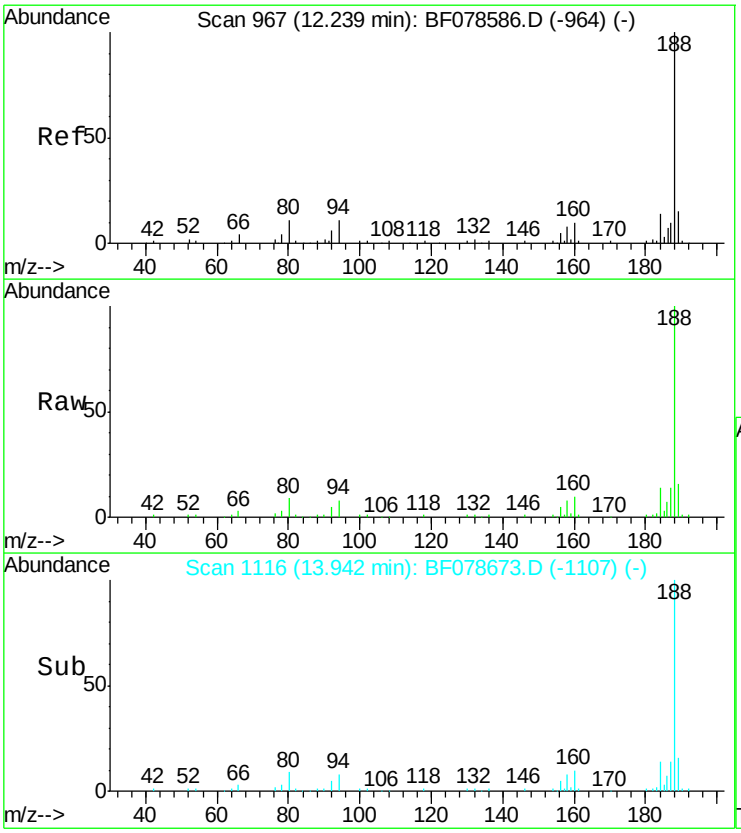
#55
4-Nitrophenol
Concen: 4.31 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:139 Resp: 1266

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

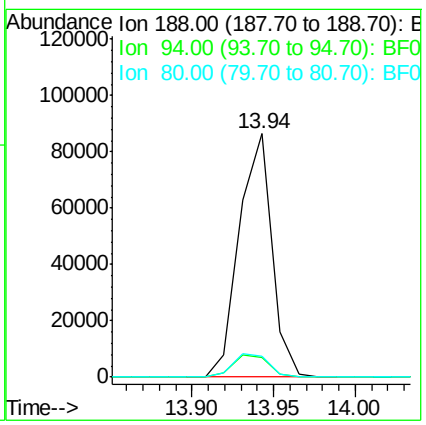


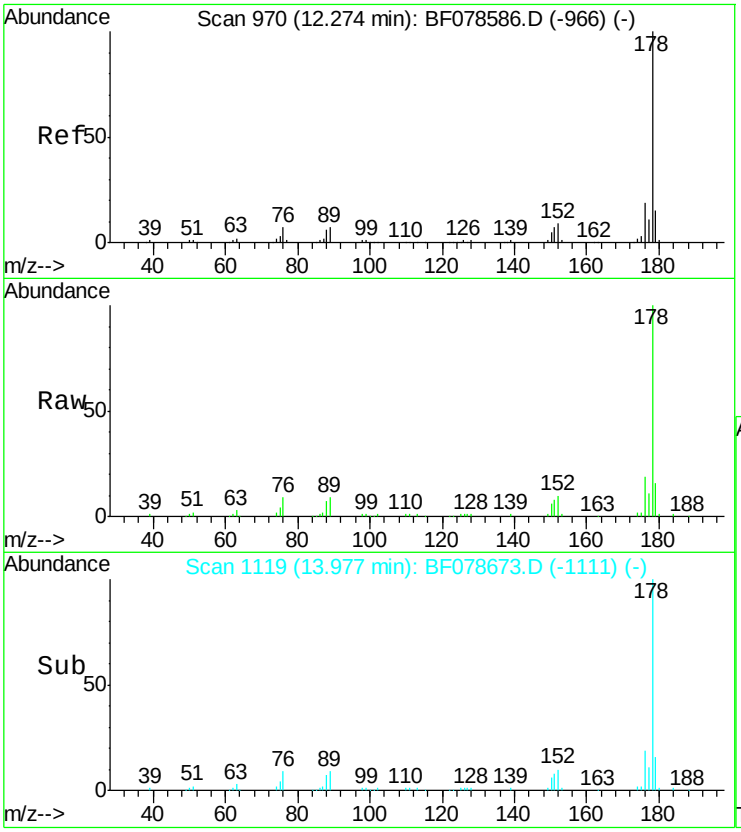


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:188 Resp: 119973

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.8	9.5	14.3#



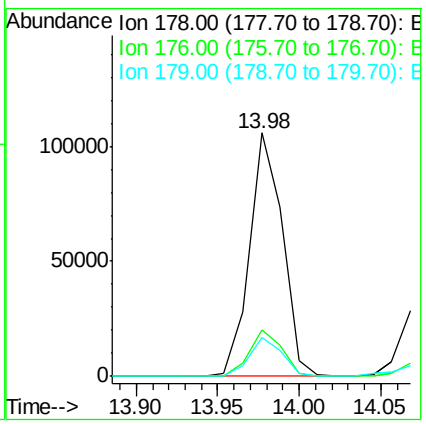


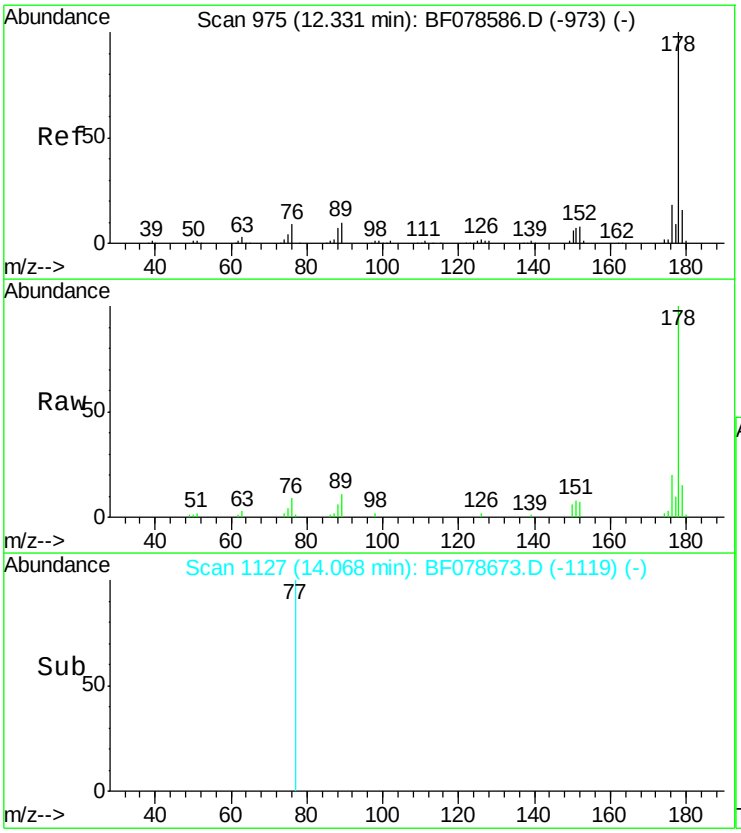
#70
Phenanthrene
Concen: 21.46 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:178 Resp: 148945

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.2	18.2

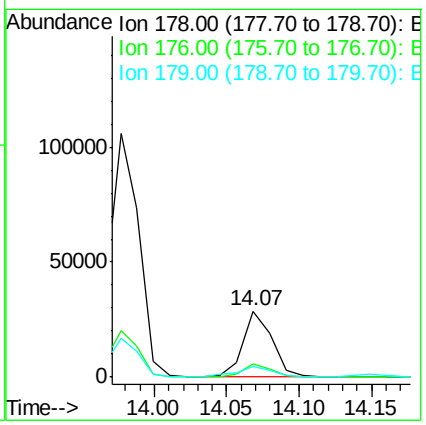


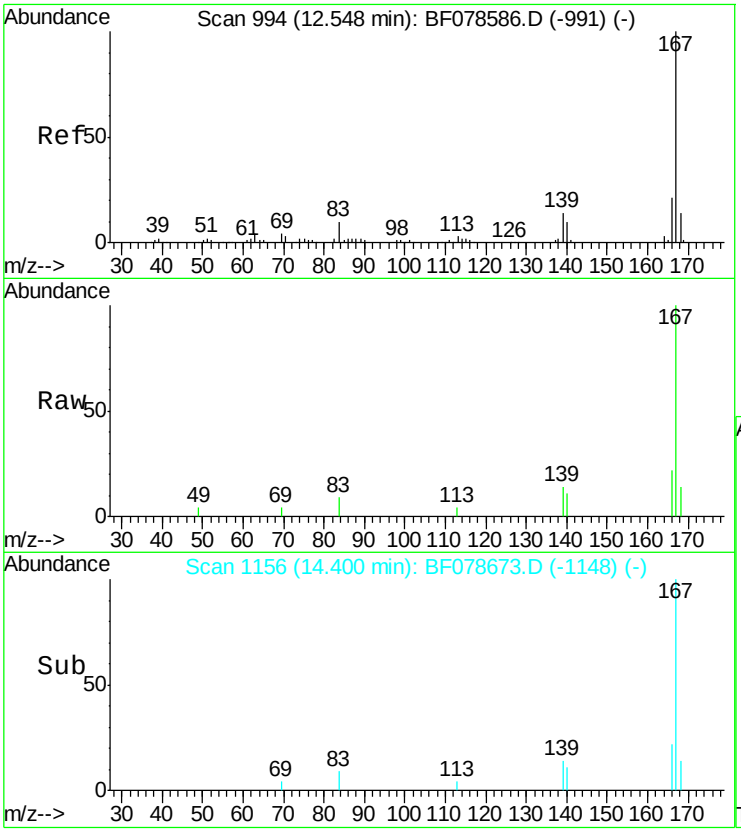


#71
Anthracene
Concen: 5.90 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:178 Resp: 40349

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.8	22.2
179	15.5	12.4	18.6



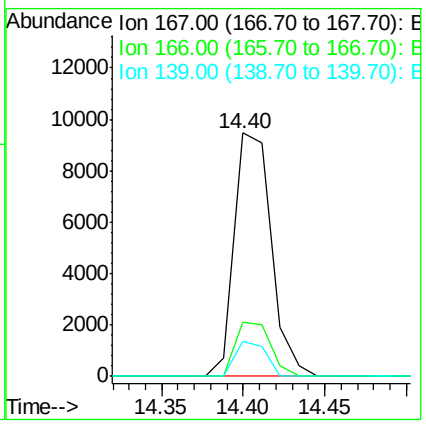


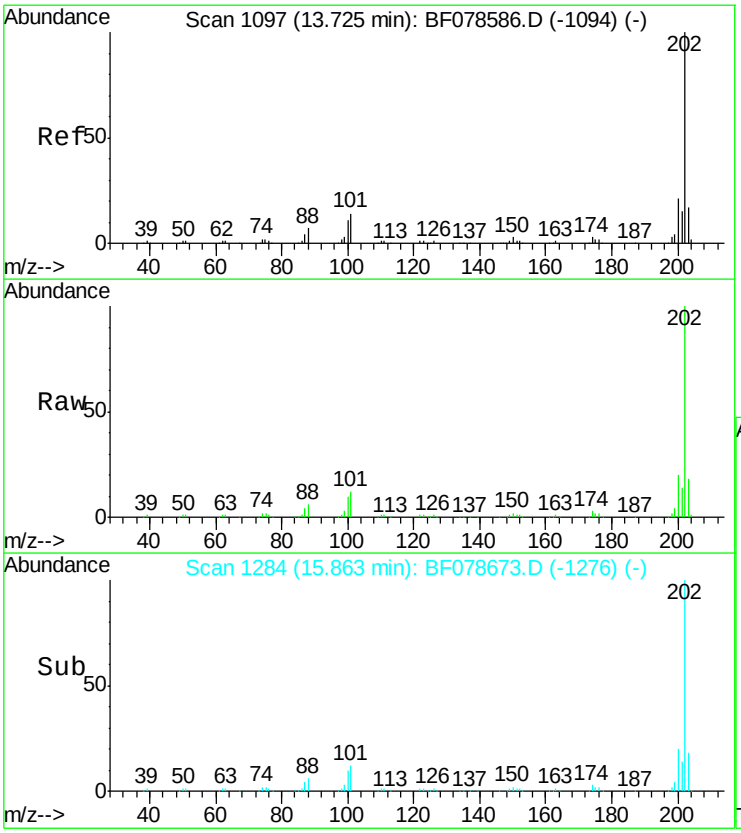
#72
Carbazole
Concen: 2.31 ng
RT: 14.40 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:167 Resp: 14831

Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.8	25.2
139	14.3	10.0	15.0

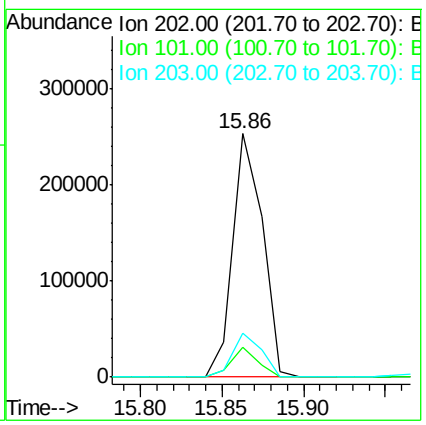


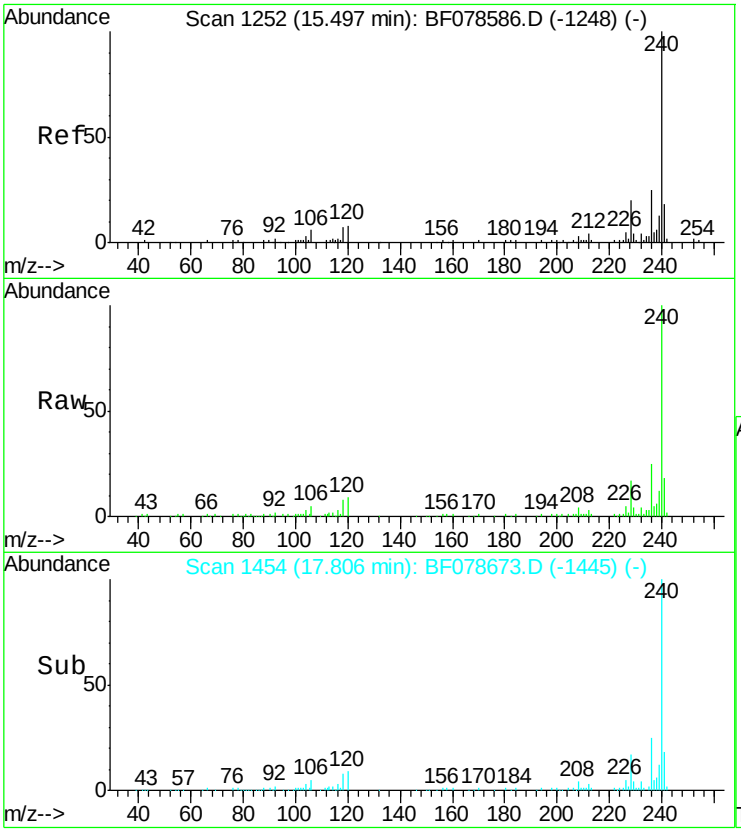


#74
Fluoranthene
Concen: 43.62 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:202 Resp: 319219

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	35.2
203	17.9	0.0	38.5



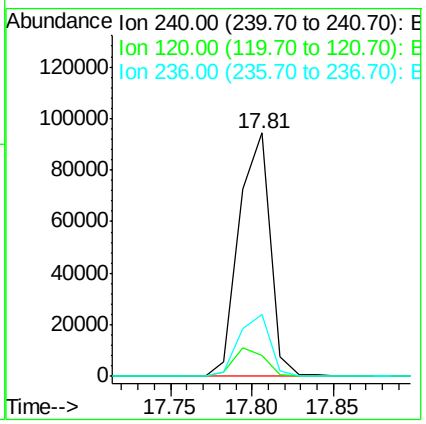


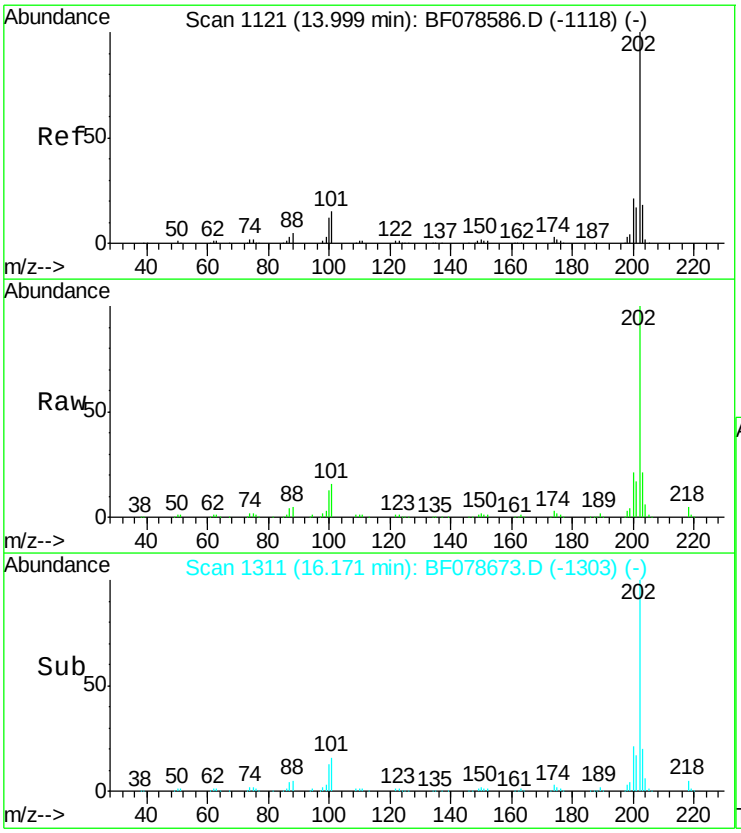
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Instrument :
BNA_F
ClientSampleId :
SP-C-1

Tgt Ion:240 Resp: 124418

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	25.2	21.4	32.2





#77
Pyrene
Concen: 37.20 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078673.D
Acq: 21 Apr 2015 7:58

Tgt Ion:202 Resp: 290587

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	20.7	13.8	20.6#