Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078686.D
Acq On : 21 Apr 2015 16:28
Operator : TP/IZ
Sample : G1943-09DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C-3DL

Quant Time: Apr 22 02:25:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	26771	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	117866	20.00	ng		-0.01
38) Acenaphthene-d10	11.17	164	62368	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	124579	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	135662	20.00	ng		-0.01
86) Perylene-d12	19.51	264	135324	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	6892	4.24	ng		0.01
7) Phenol-d6	5.34	99	9706	4.77	ng		0.01
23) Nitrobenzene-d5	6.76	82	5473	2.81	ng		0.00
41) 2,4,6-Tribromophenol	12.64	330	2464	4.76	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	15101	3.46	ng		-0.01
78) Terphenyl-d14	16.43	244	17206	2.87	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	11.22	154	7564	2.07	ng		97
55) 4-Nitrophenol	11.55	139	2779	6.09	ng	#	18
57) Fluorene	12.18	166	14065	3.11	ng		98
70) Phenanthrene	13.94	178	238217	33.06	ng		99
71) Anthracene	14.03	178	60249	8.48	ng		99
74) Fluoranthene	15.84	202	367753	48.39	ng		92
77) Pyrene	16.15	202	302868	35.56	ng	#	94
80) Benzo(a)anthracene	17.76	228	157778	19.55	ng		99
82) Chrysene	17.81	228	118320	15.60	ng		98
85) Indeno(1,2,3-cd)pyrene	20.70	276	71377	8.29	ng	#	85
87) Benzo(b)fluoranthene	19.06	252	218822	26.16	ng	#	95
88) Benzo(k)fluoranthene	19.06	252	218292	29.37	ng		97
89) Benzo(a)pyrene	19.44	252	115703	15.85	ng	#	94
90) Dibenzo(a,h)anthracene	20.72	278	14862	2.03	ng		93
91) Benzo(g,h,i)perylene	21.02	276	69976	9.55	ng		97

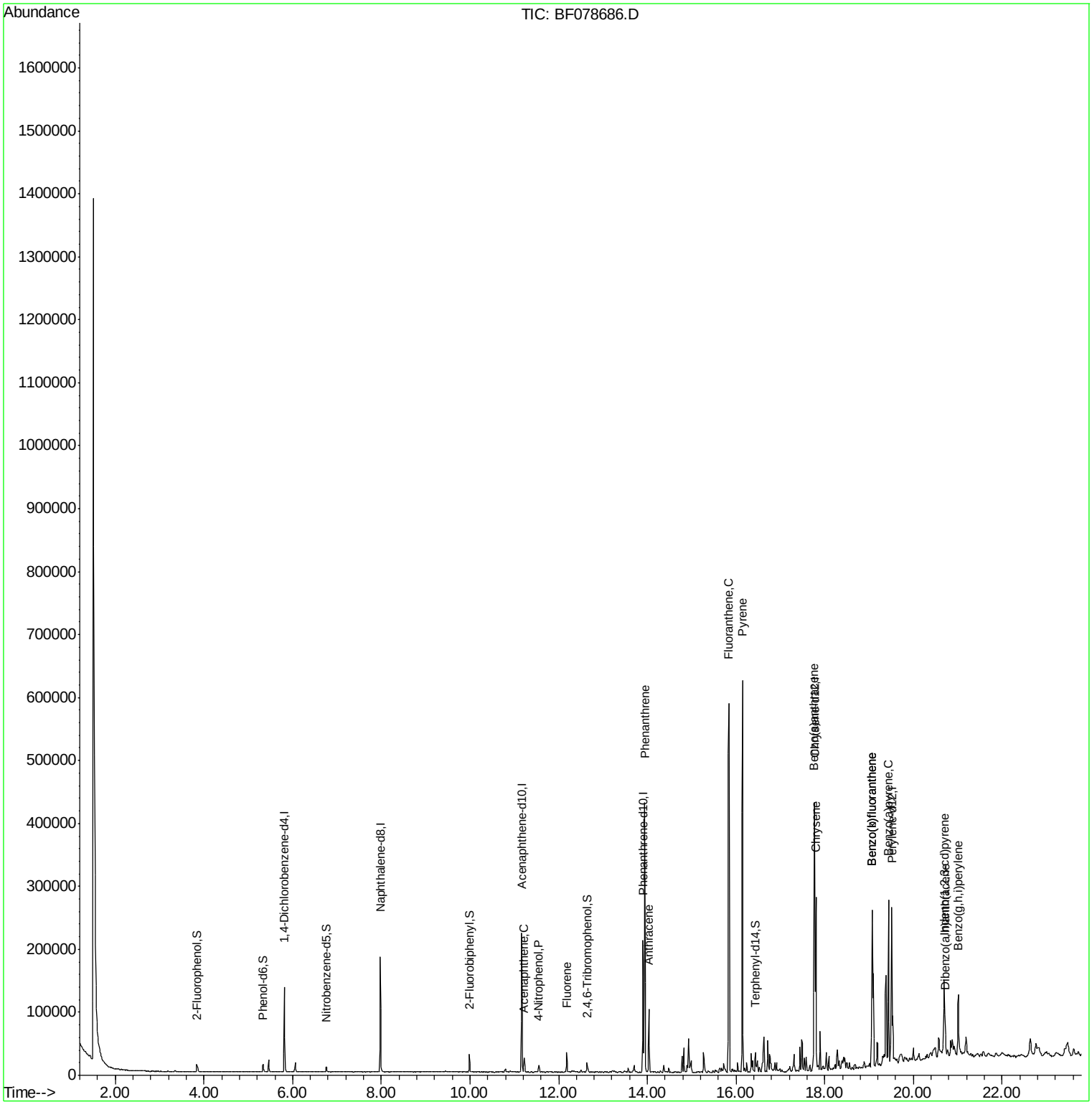
(#) = qualifier out of range (m) = manual integration (+) = signals summed

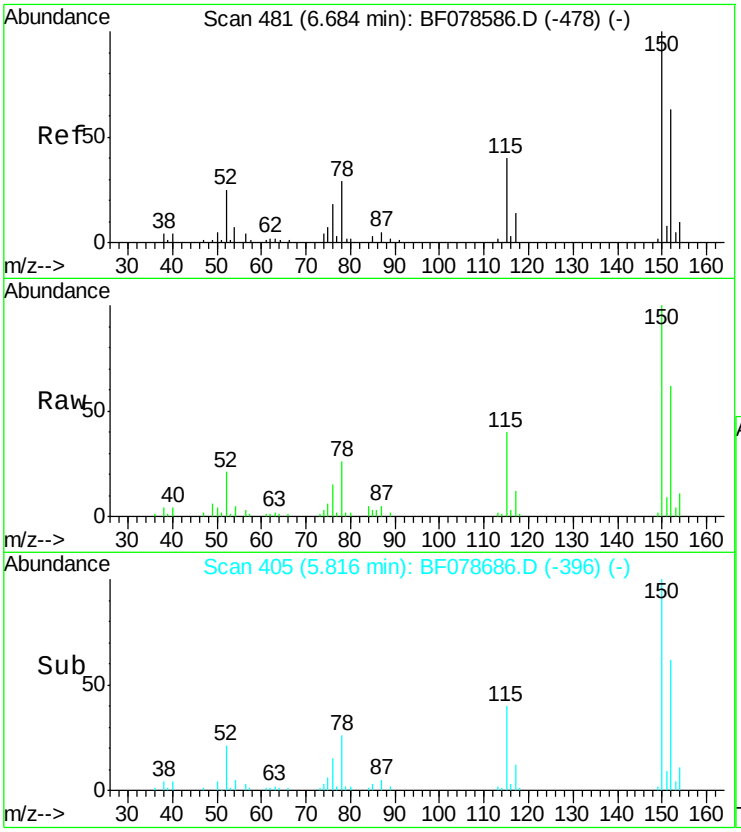
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078686.D
Acq On : 21 Apr 2015 16:28
Operator : TP/IZ
Sample : G1943-09DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Quant Time: Apr 22 02:25:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration



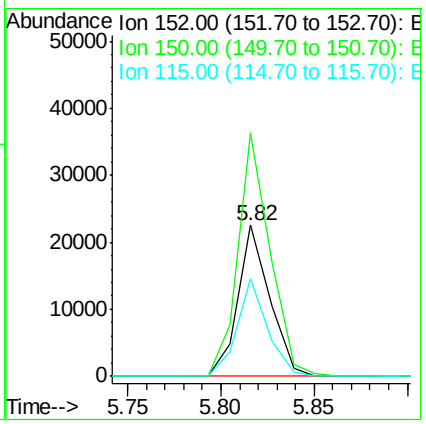


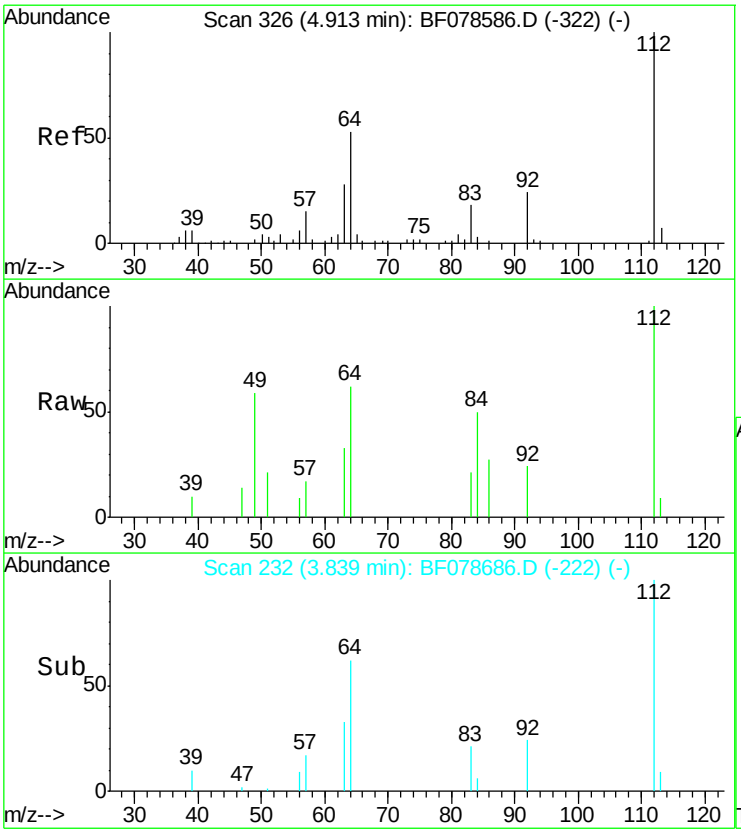
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:152 Resp: 26771

Ion	Ratio	Lower	Upper
152	100		
150	161.4	125.9	188.9
115	64.9	52.7	79.1

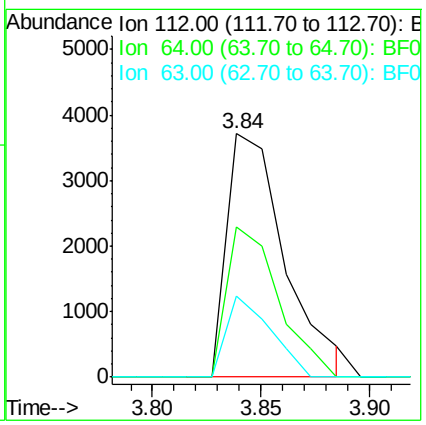


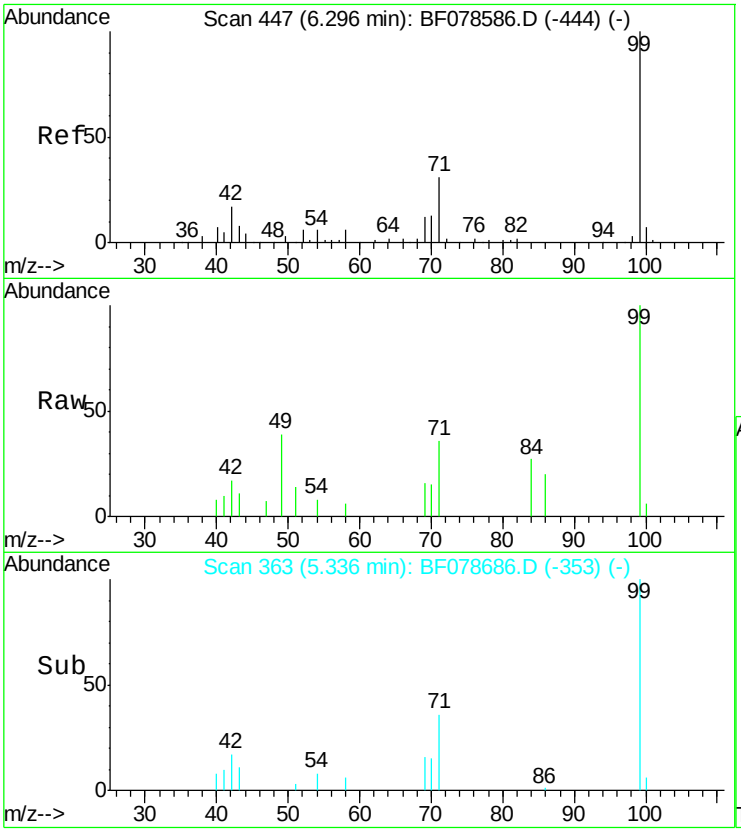


#5
2-Fluorophenol
Concen: 4.24 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:112 Resp: 6892

Ion	Ratio	Lower	Upper
112	100		
64	61.5	39.9	59.9#
63	33.1	20.2	30.4#



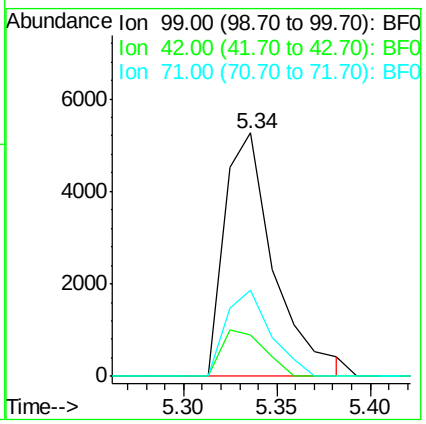


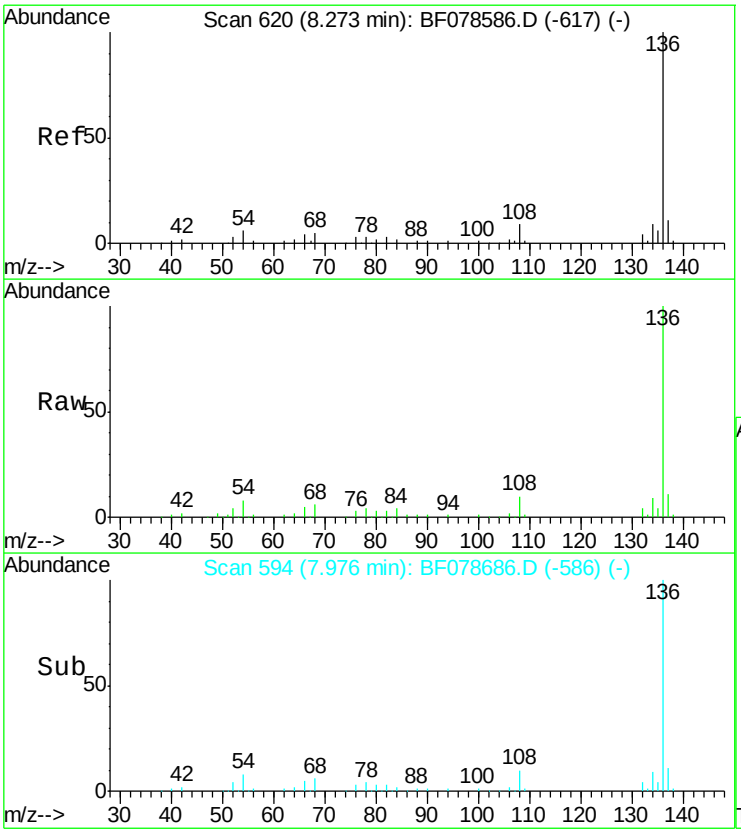
#7
Phenol-d6
Concen: 4.77 ng
RT: 5.34 min Scan# 363
Delta R.T. 0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion: 99 Resp: 9706

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.8	22.2
71	35.5	26.6	39.8

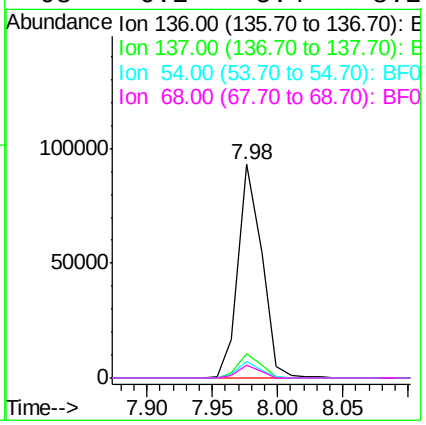


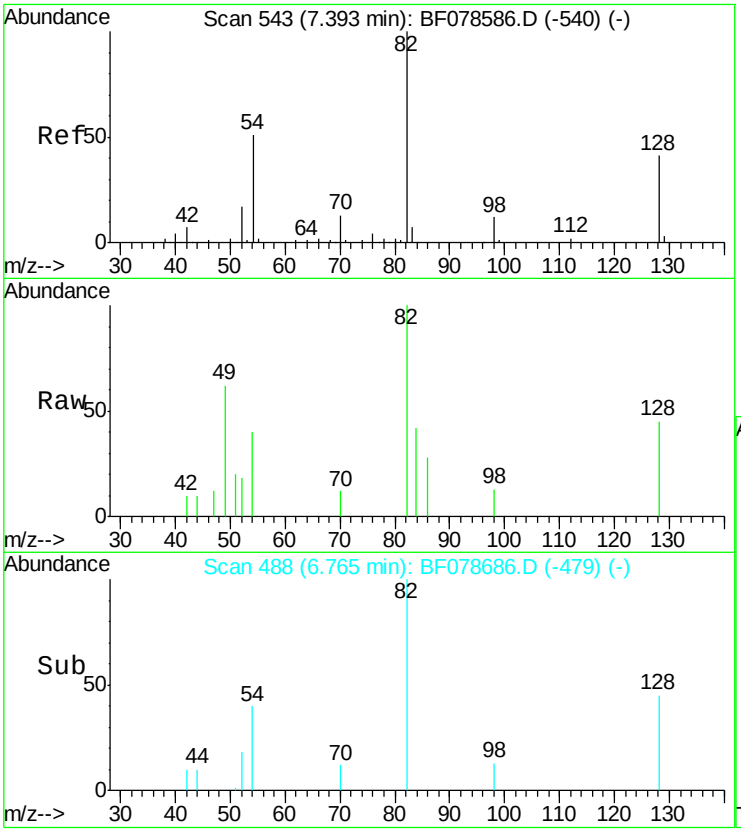


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:136 Resp: 117866

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.7	7.0	10.6
68	6.2	5.4	8.2



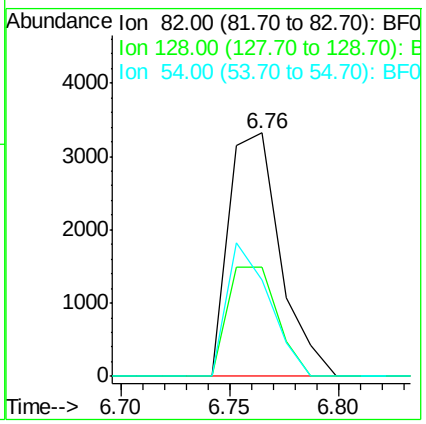


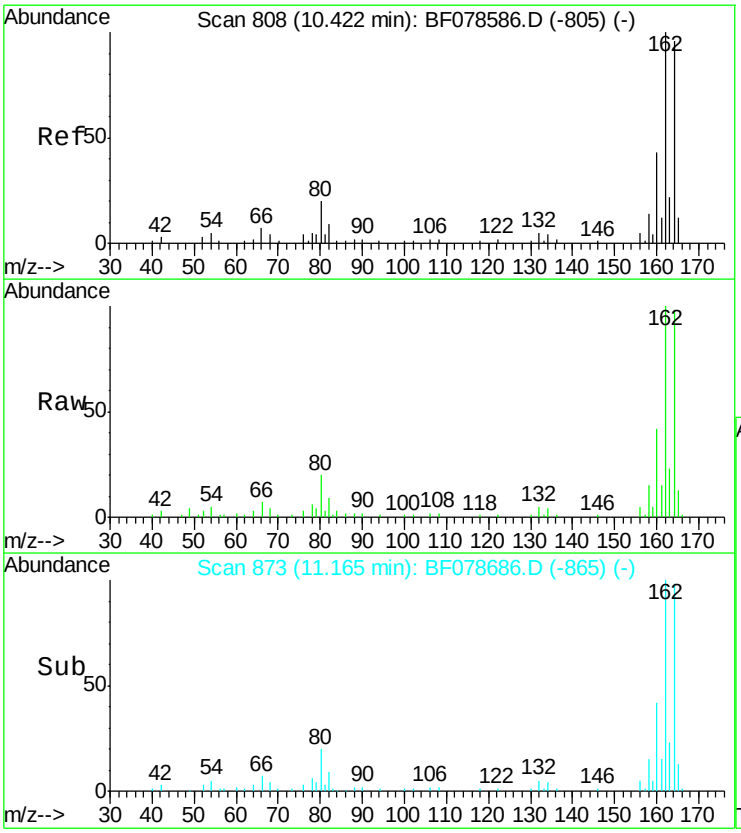
#23
Nitrobenzene-d5
Concen: 2.81 ng
RT: 6.76 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion: 82 Resp: 5473

Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.8
54	39.7	41.5	62.3#

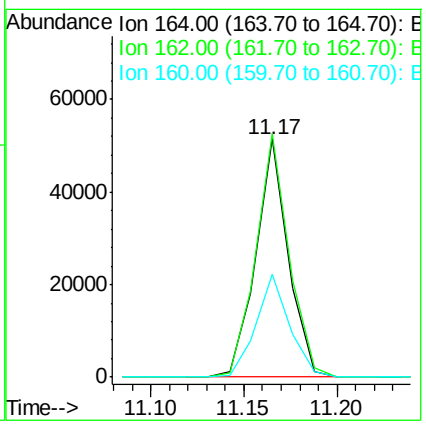


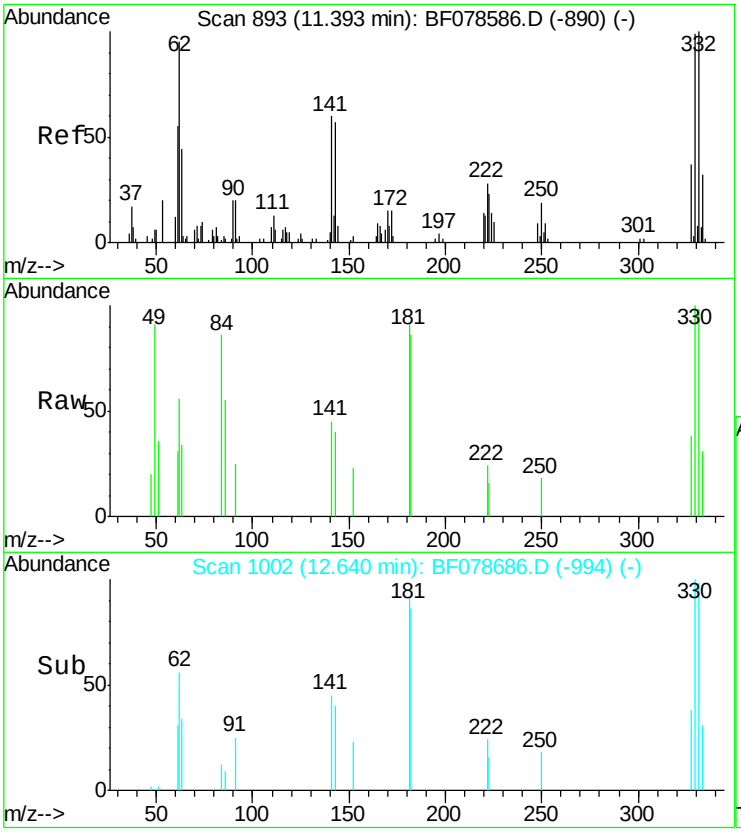


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:164 Resp: 62368

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	43.3	34.7	52.1



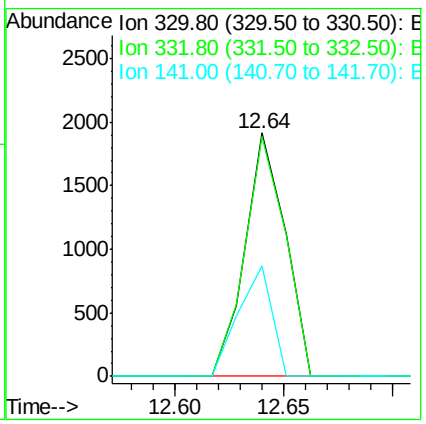


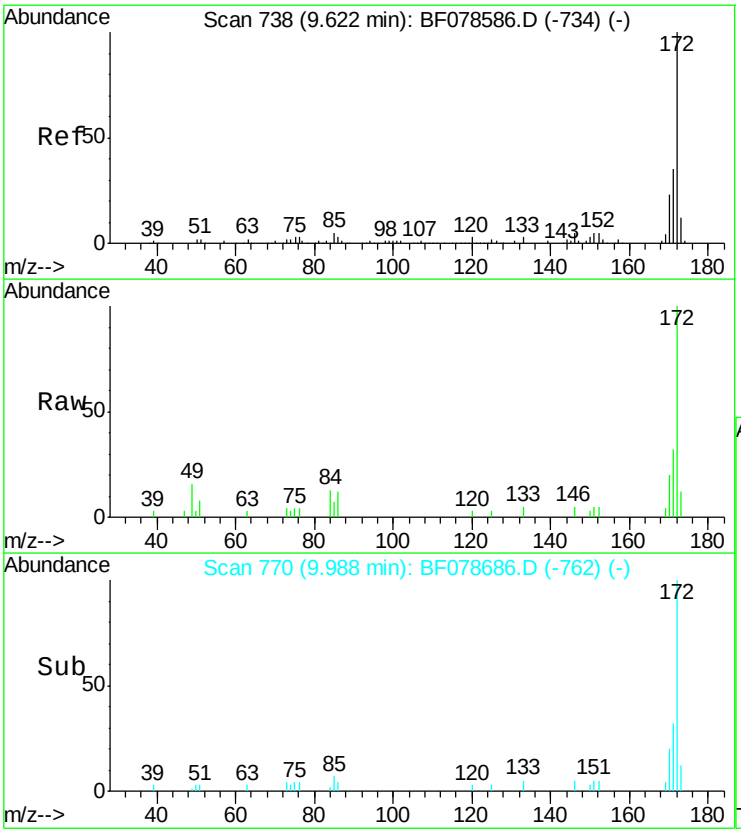
#41
2,4,6-Tribromophenol
Concen: 4.76 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:330 Resp: 2464

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.6	117.8
141	37.5	31.2	46.8

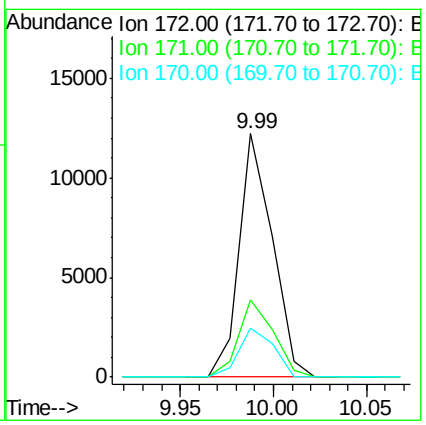


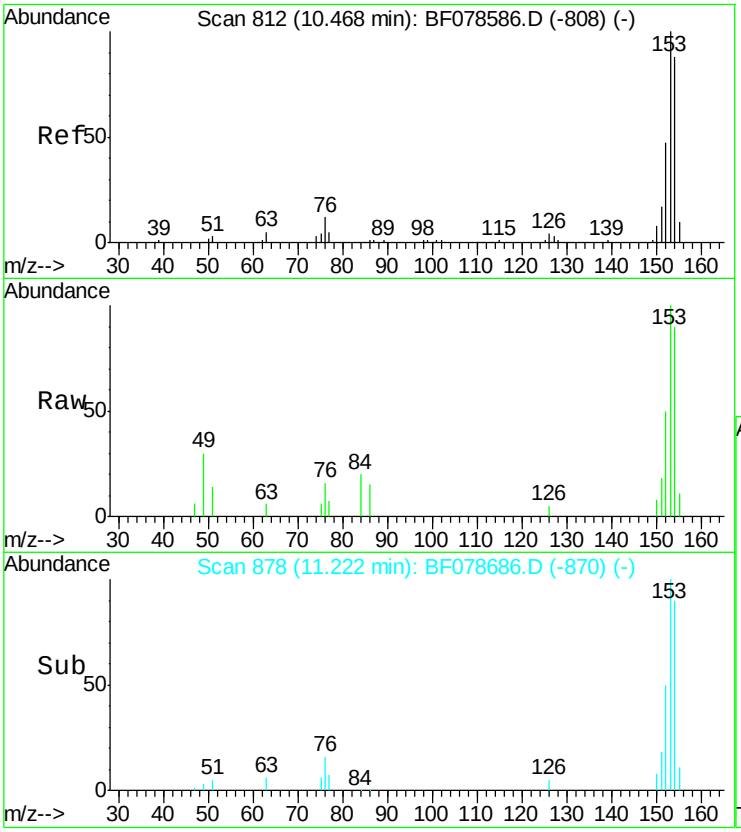


#44
2-Fluorobiphenyl
Concen: 3.46 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:172 Resp: 15101

Ion	Ratio	Lower	Upper
172	100		
171	31.8	28.6	42.8
170	20.2	18.5	27.7



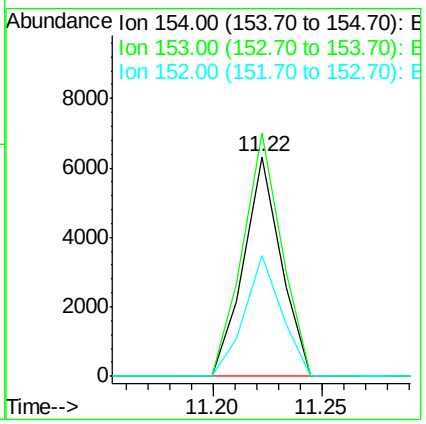


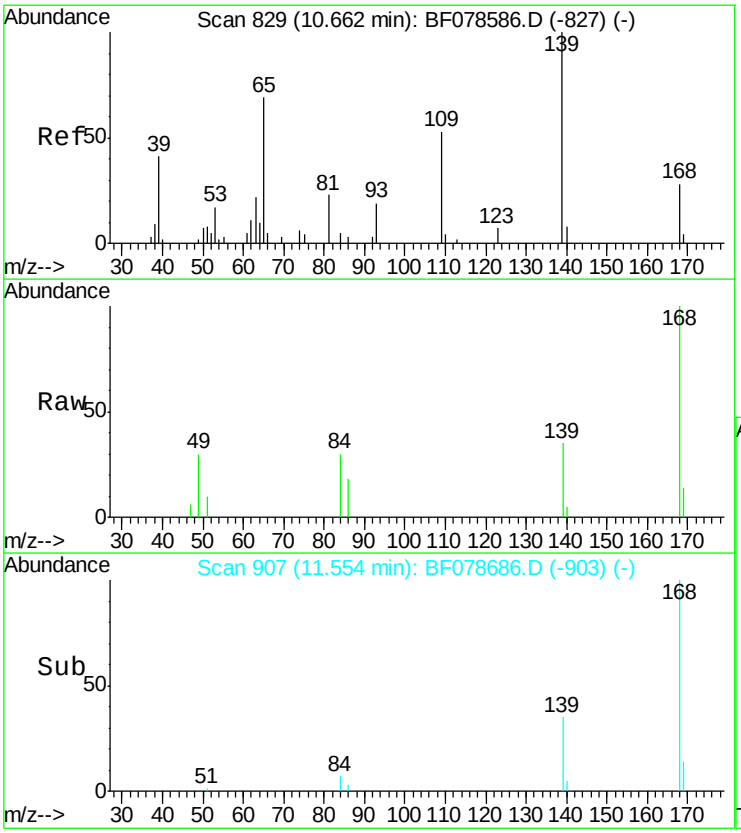
#51
Acenaphthene
Concen: 2.07 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:154 Resp: 7564

Ion	Ratio	Lower	Upper
154	100		
153	110.7	91.4	137.2
152	55.2	43.0	64.6

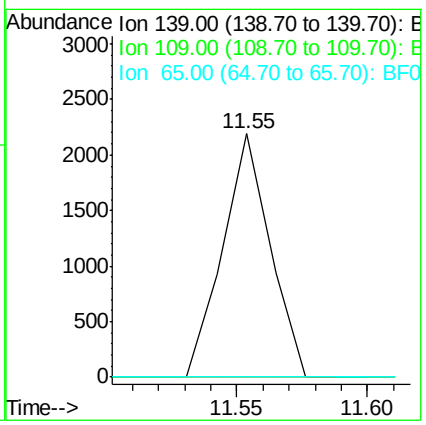


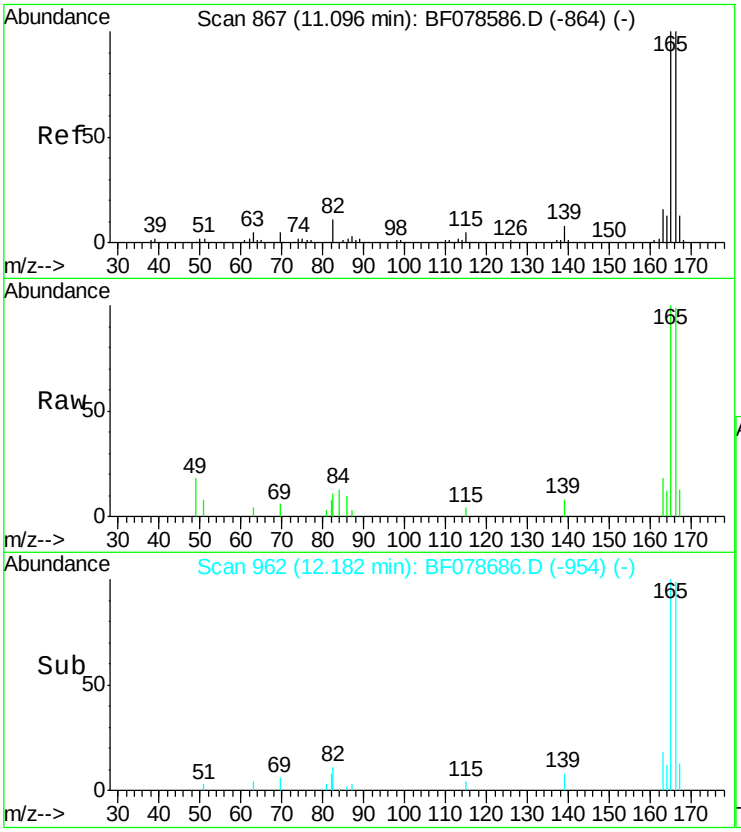


#55
4-Nitrophenol
Concen: 6.09 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:139 Resp: 2779

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



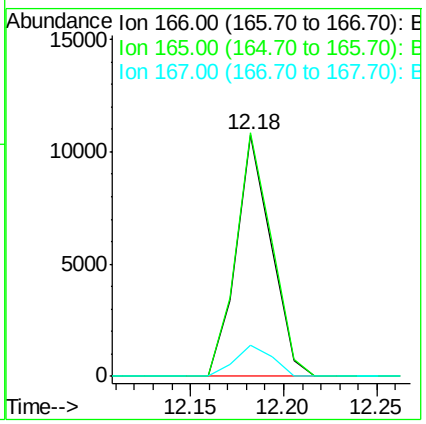


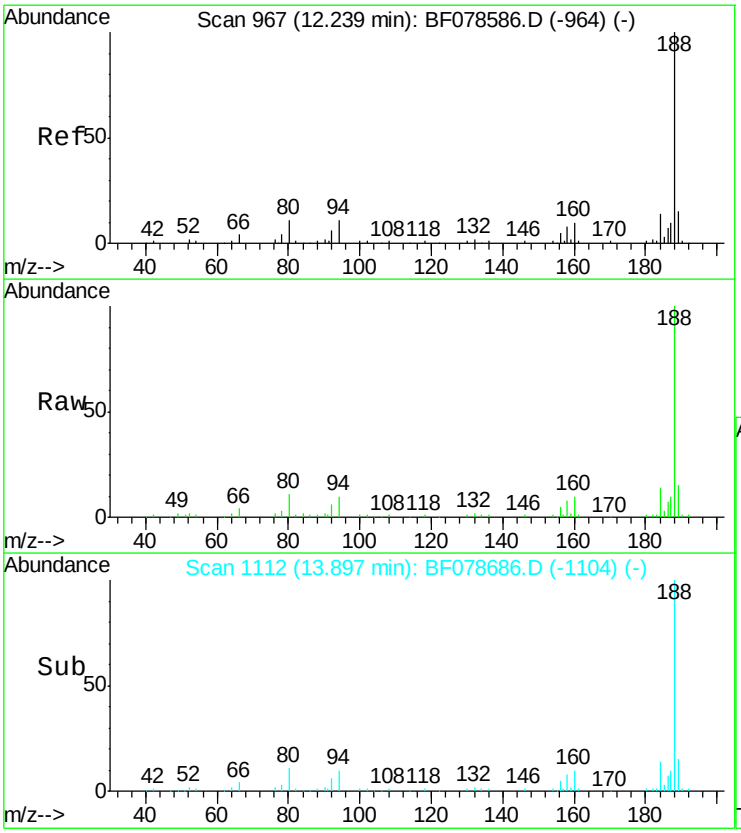
#57
Fluorene
Concen: 3.11 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:166 Resp: 14065

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.9	118.3
167	13.1	10.7	16.1

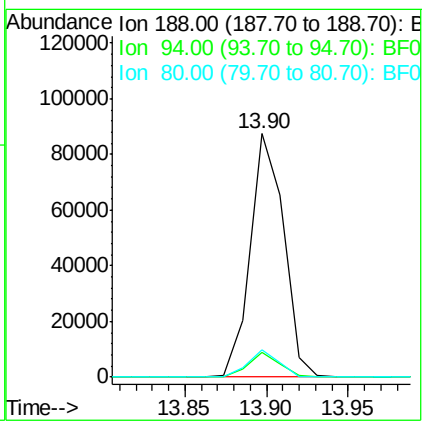


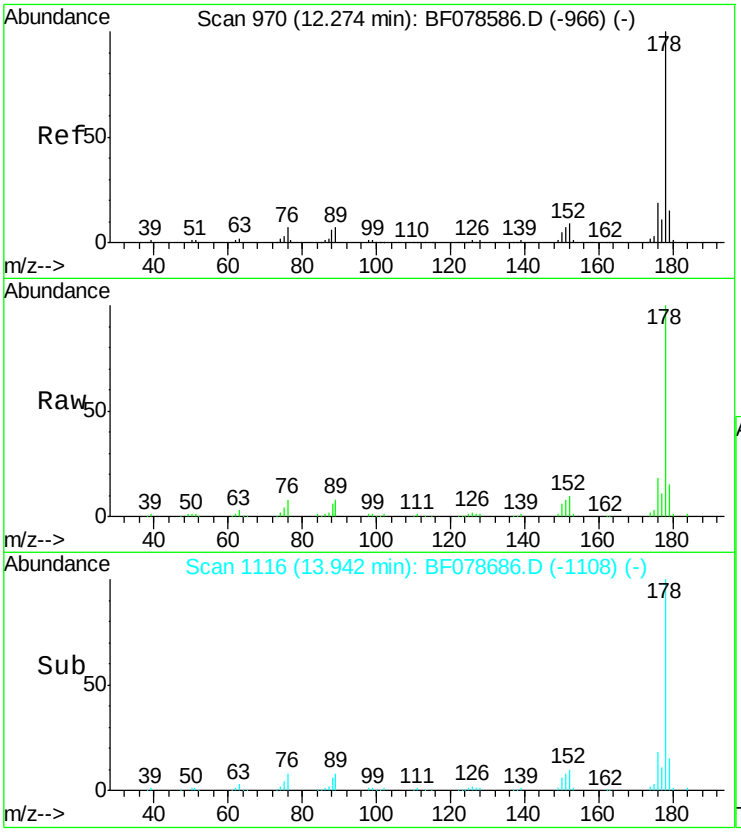


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:188 Resp: 124579

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



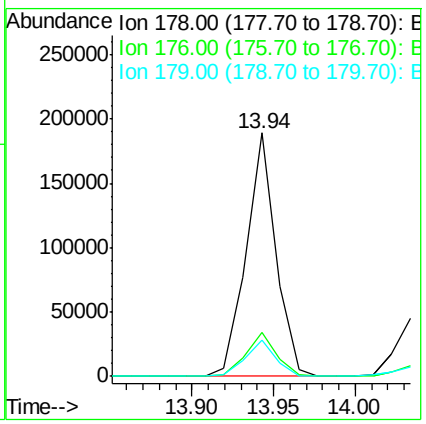


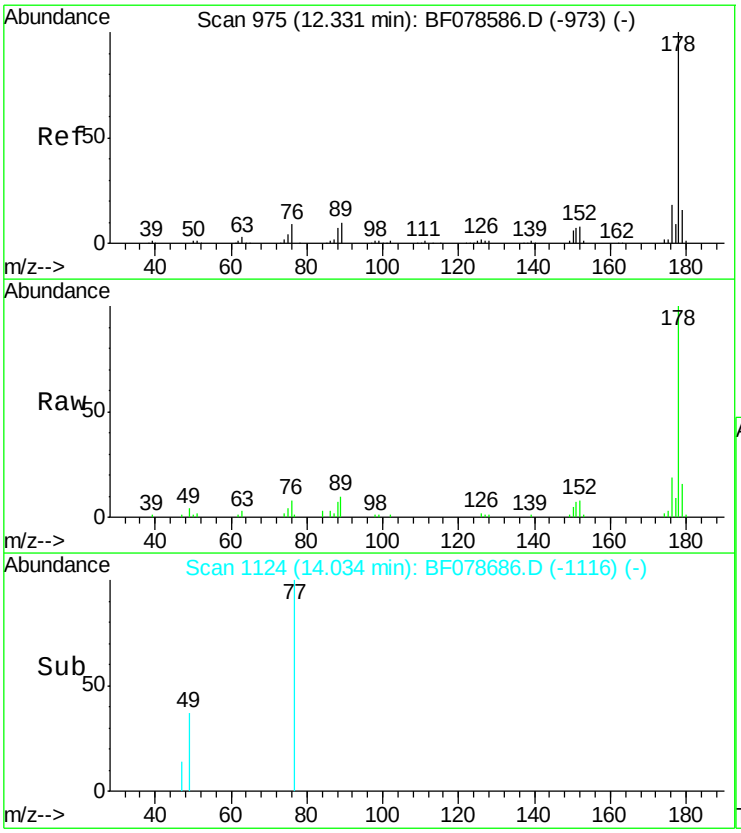
#70
Phenanthrene
Concen: 33.06 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:178 Resp: 238217

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.1	12.2	18.2

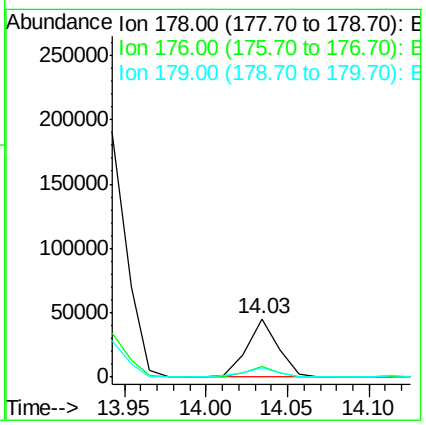


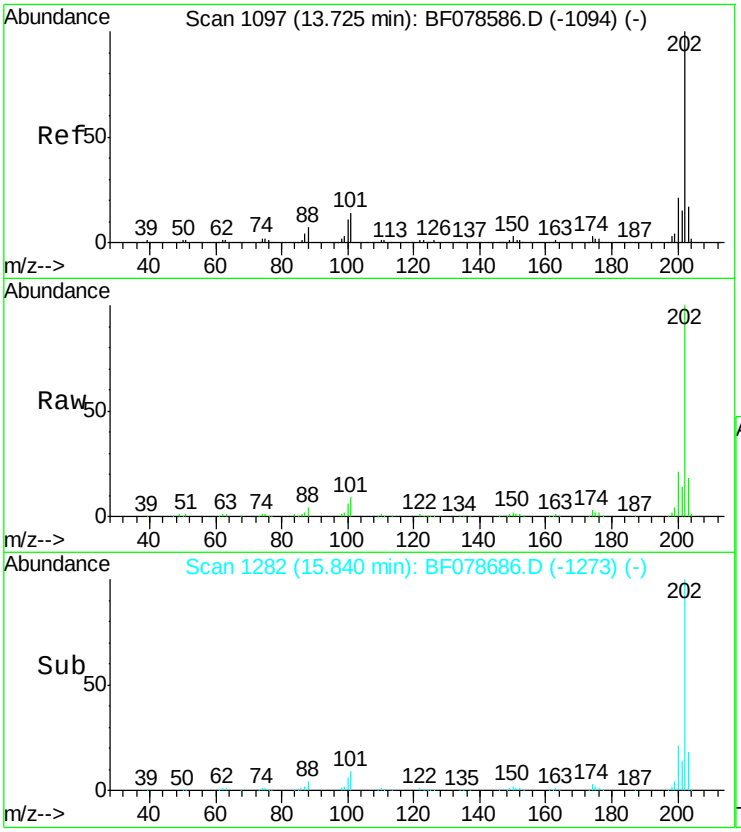


#71
Anthracene
Concen: 8.48 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:178 Resp: 60249

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	15.6	12.4	18.6



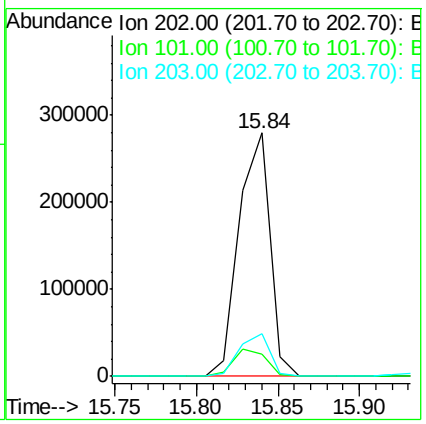


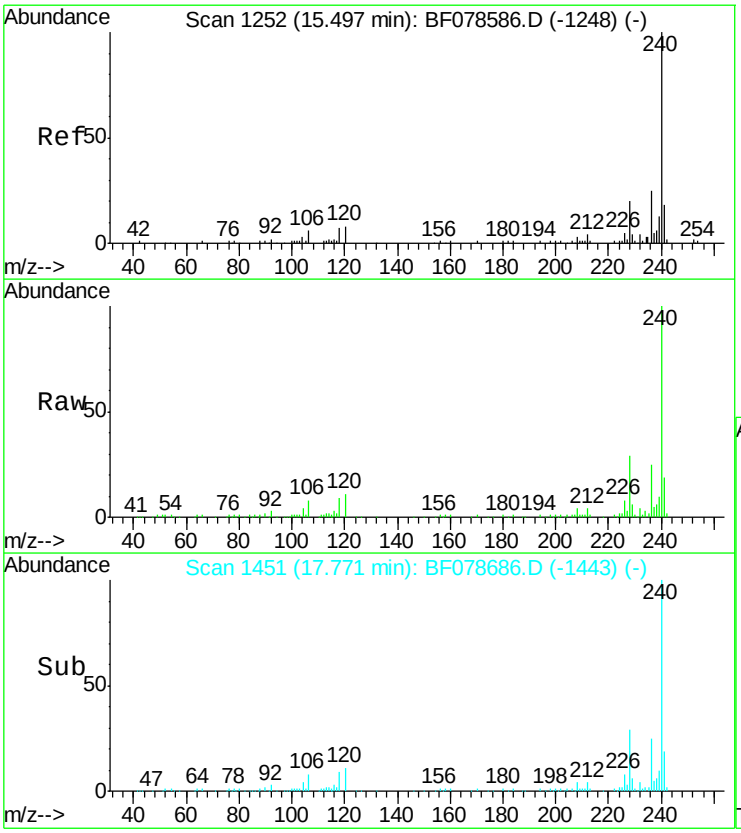
#74
Fluoranthene
Concen: 48.39 ng
RT: 15.84 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:202 Resp: 367753

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	35.2
203	17.6	0.0	38.5

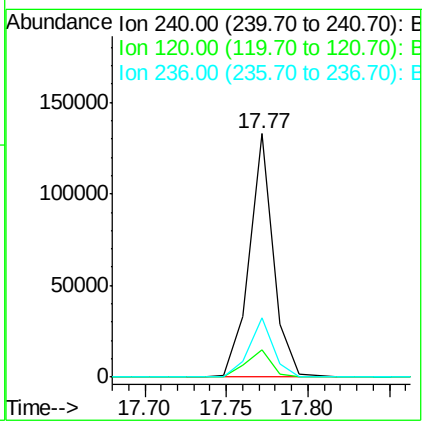


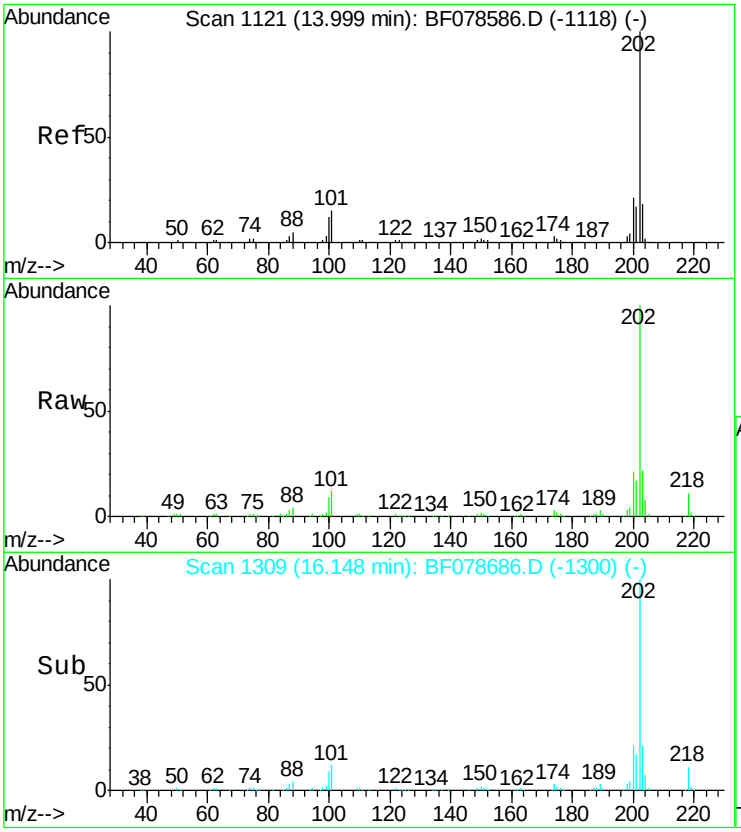


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:240 Resp: 135662

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	24.6	21.4	32.2



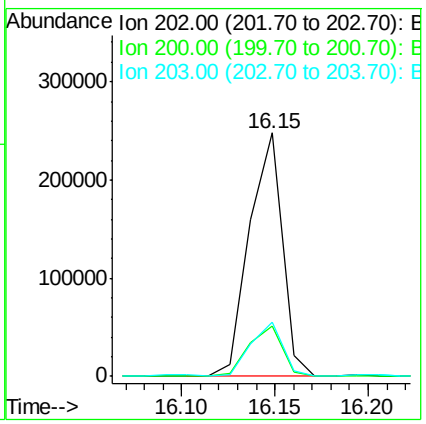


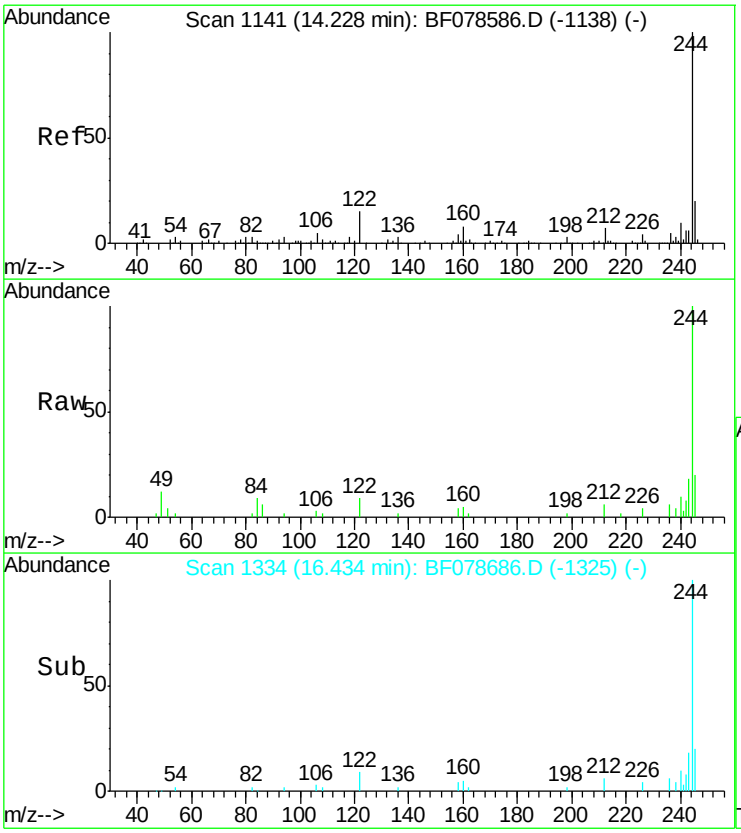
#77
Pyrene
Concen: 35.56 ng
RT: 16.15 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:202 Resp: 302868

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	22.1	13.8	20.6#

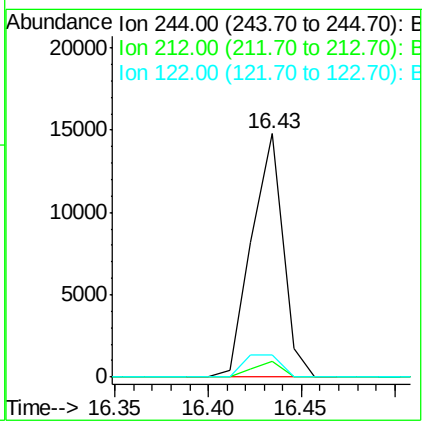


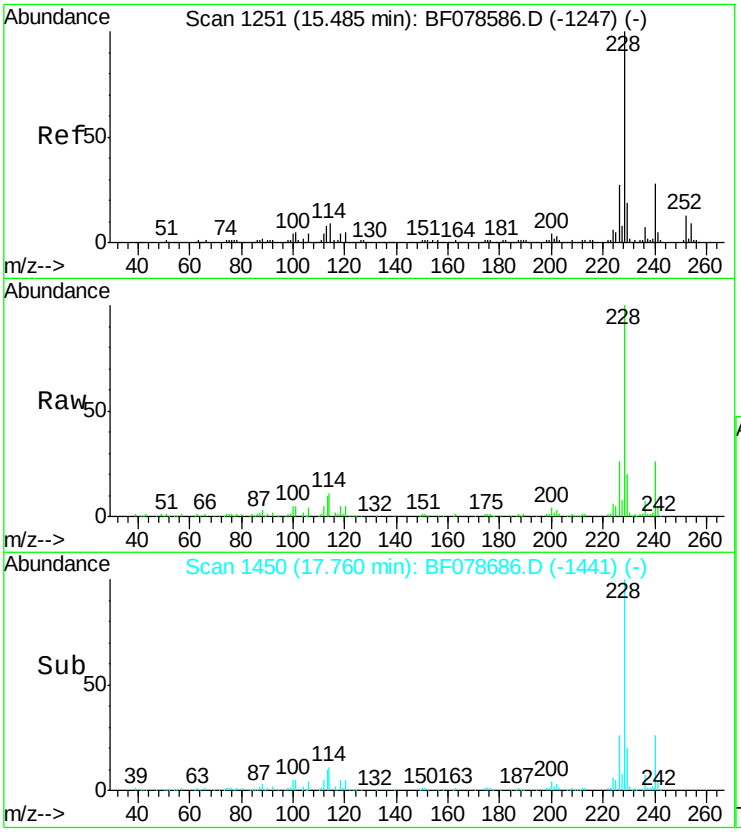


#78
Terphenyl-d14
Concen: 2.87 ng
RT: 16.43 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:244 Resp: 17206

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	8.9	7.1	10.7



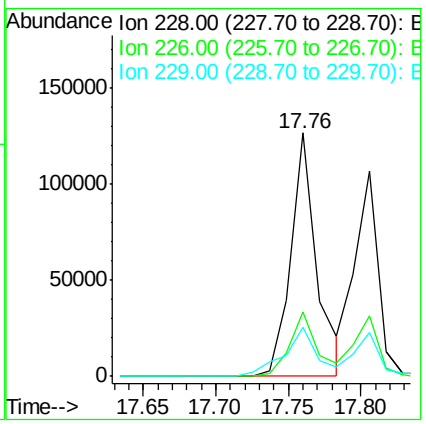


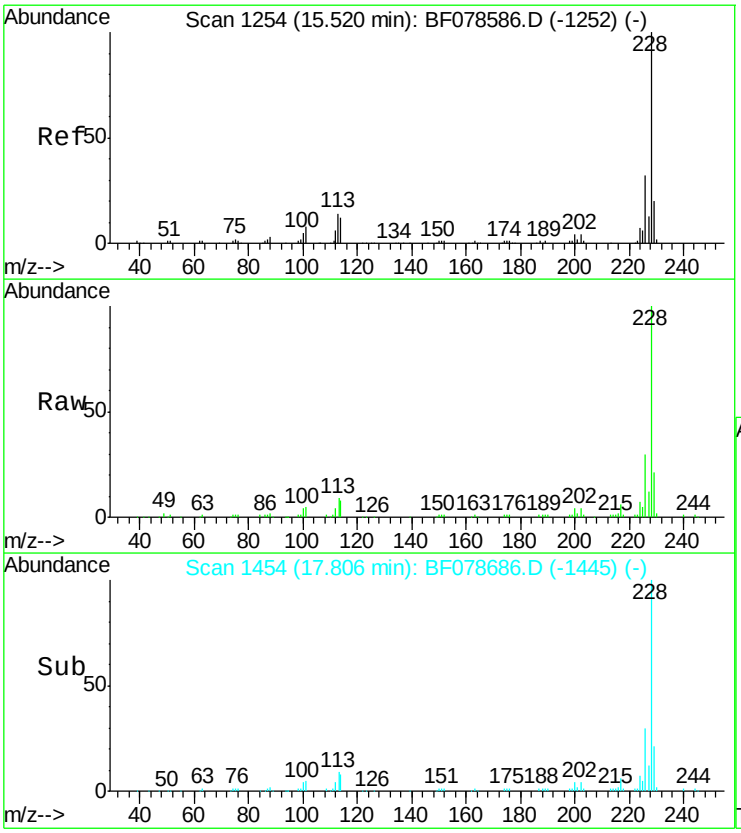
#80
Benzo(a)anthracene
Concen: 19.55 ng
RT: 17.76 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:228 Resp: 157778

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.1	15.4	23.2

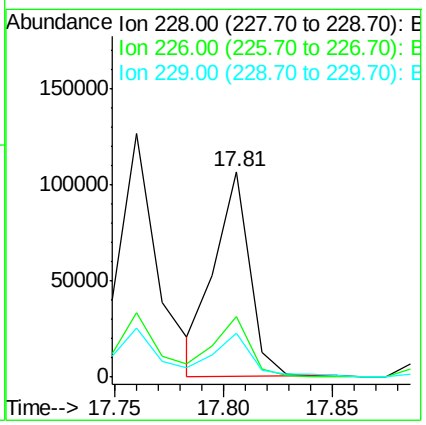


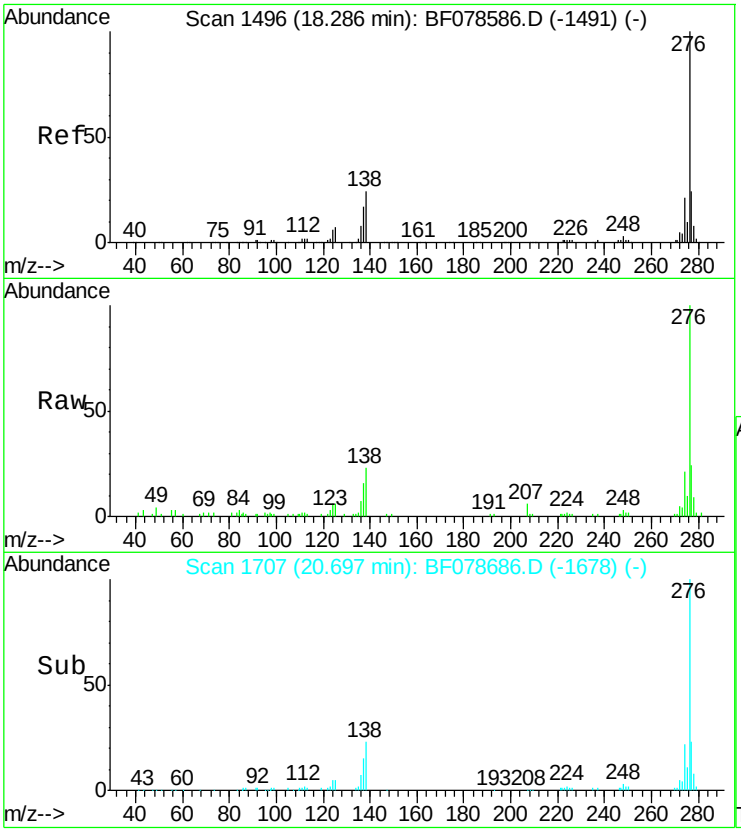


#82
Chrysene
Concen: 15.60 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:228 Resp: 118320

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	21.1	15.8	23.8



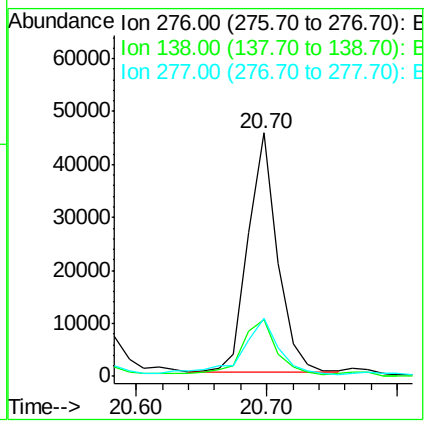


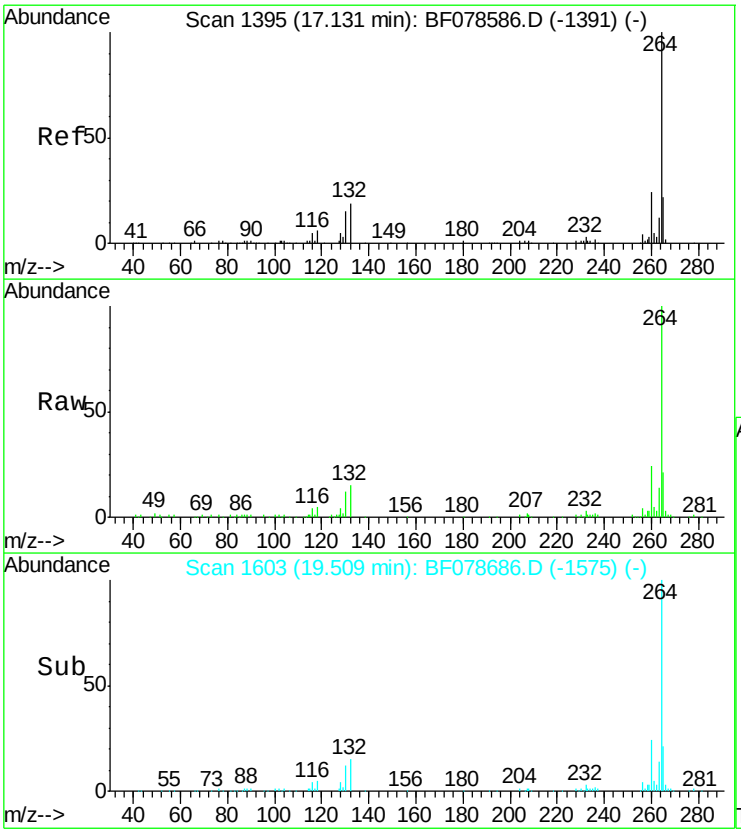
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.29 ng
RT: 20.70 min Scan# 1707
Delta R.T. 0.03 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:276 Resp: 71377

Ion	Ratio	Lower	Upper
276	100		
138	26.4	16.9	25.3#
277	28.2	15.8	23.6#

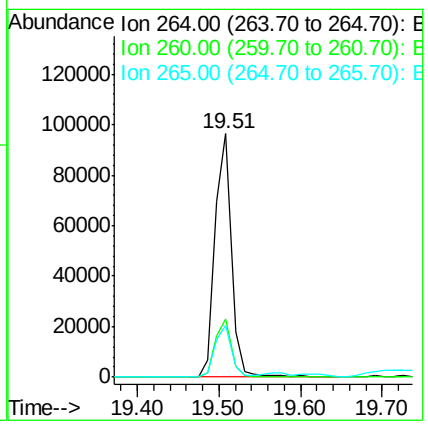


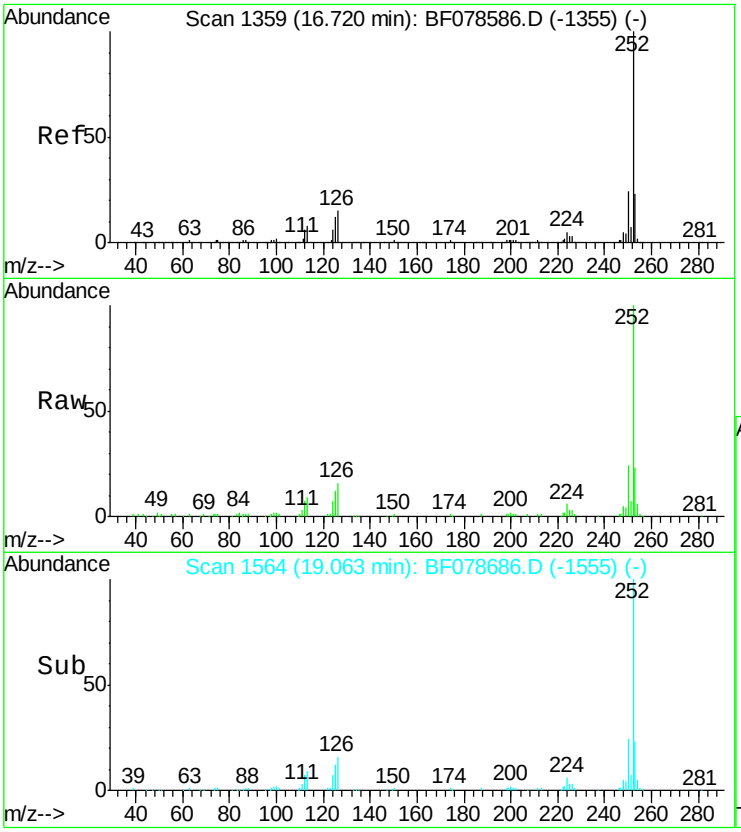


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:264 Resp: 135324

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	17.0	25.6



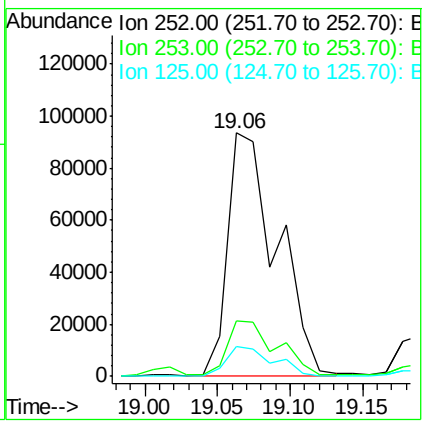


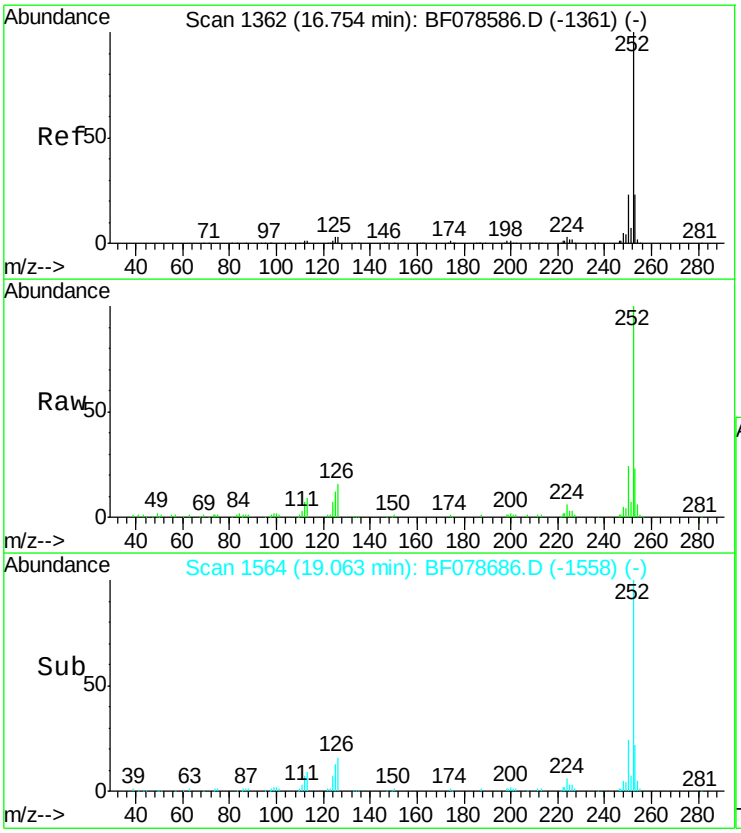
#87
Benzo(b)fluoranthene
Concen: 26.16 ng
RT: 19.06 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Instrument :
BNA_F
ClientSampleId :
SP-C-3DL

Tgt Ion:252 Resp: 218822

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.5	7.0	10.4#





#88
Benzo(k)fluoranthene
Concen: 29.37 ng
RT: 19.06 min Scan# 1564
Delta R.T. -0.03 min
Lab File: BF078686.D
Acq: 21 Apr 2015 16:28

Tgt Ion:252 Resp: 218292

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.5	11.6	17.4