Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078349.D
Acq On : 8 Apr 2015 22:28
Operator : TP/IZ
Sample : G1794-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OUTFALL-1

Quant Time: Apr 09 11:48:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 00:49:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	43363	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	178062	20.00	ng		0.00
38) Acenaphthene-d10	10.65	164	88038	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	174403	20.00	ng		0.00
75) Chrysene-d12	15.75	240	178532	20.00	ng		-0.02
86) Perylene-d12	17.48	264	168840	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	179161	68.12	ng		0.02
7) Phenol-d6	6.52	99	232040	70.40	ng		0.01
23) Nitrobenzene-d5	7.61	82	128202	43.64	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	52625	72.07	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	232982	37.83	ng		0.00
78) Terphenyl-d14	14.48	244	236456	29.93	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.35	163	16283	2.46	ng	#	98
70) Phenanthrene	12.51	178	149622	14.83	ng		99
71) Anthracene	12.57	178	23107	2.32	ng		98
72) Carbazole	12.79	167	18695	2.01	ng		98
74) Fluoranthene	13.97	202	336349	31.61	ng		97
77) Pyrene	14.25	202	264542	23.60	ng	#	91
80) Benzo(a)anthracene	15.73	228	139733	13.15	ng		96
82) Chrysene	15.78	228	144360	14.46	ng		97
85) Indeno(1,2,3-cd)pyrene	18.76	276	96733m	8.54	ng		
87) Benzo(b)fluoranthene	17.04	252	210803	20.20	ng	#	93
88) Benzo(k)fluoranthene	17.07	252	64056m	6.91	ng		
89) Benzo(a)pyrene	17.43	252	119013	13.07	ng		96
90) Dibenzo(a,h)anthracene	18.79	278	18786m	2.06	ng		
91) Benzo(g,h,i)perylene	19.13	276	86976	9.51	ng		100

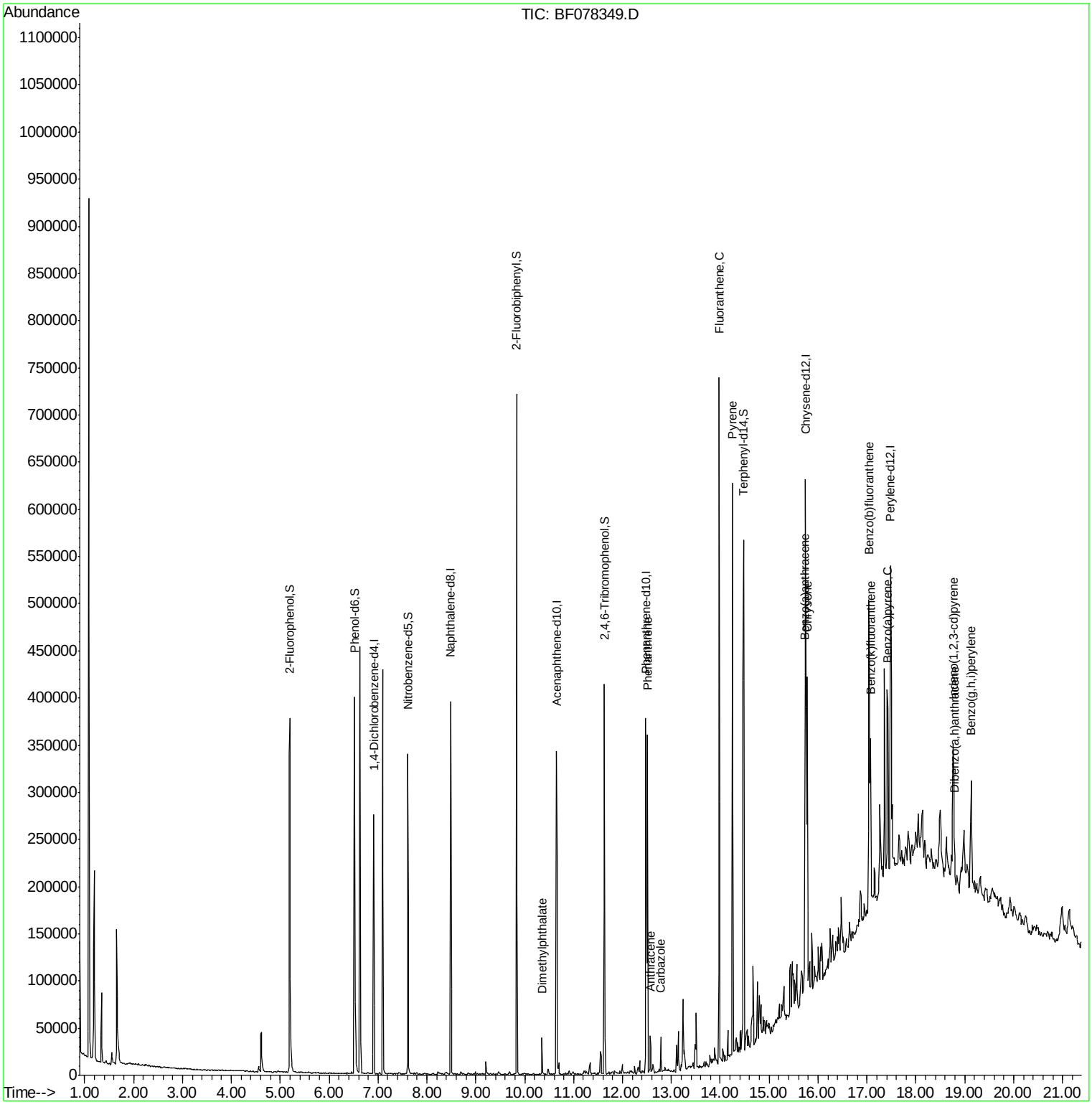
(#) = qualifier out of range (m) = manual integration (+) = signals summed

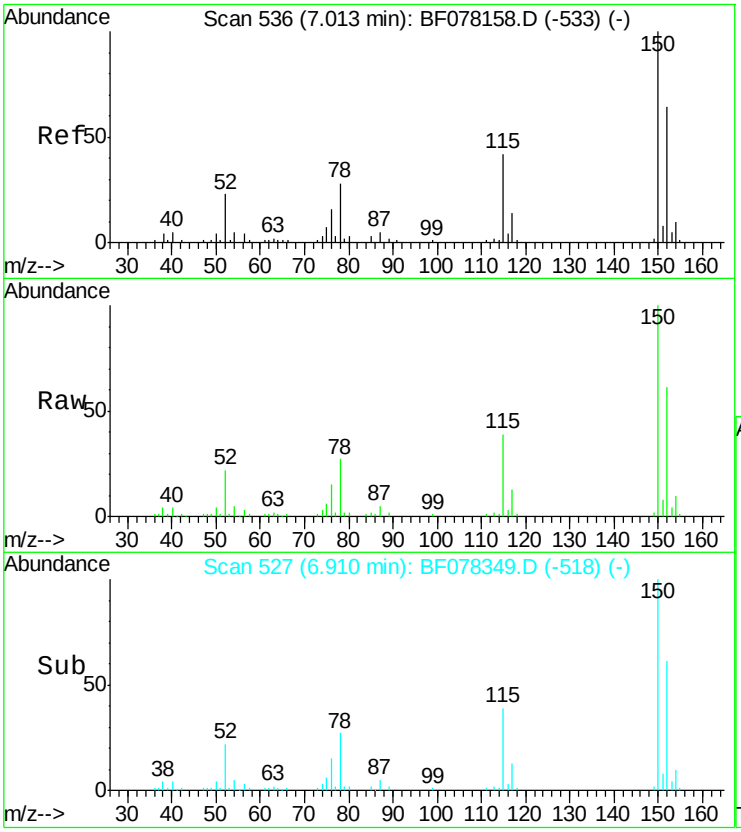
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078349.D
Acq On : 8 Apr 2015 22:28
Operator : TP/IZ
Sample : G1794-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Quant Time: Apr 09 11:48:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 00:49:15 2015
Response via : Initial Calibration



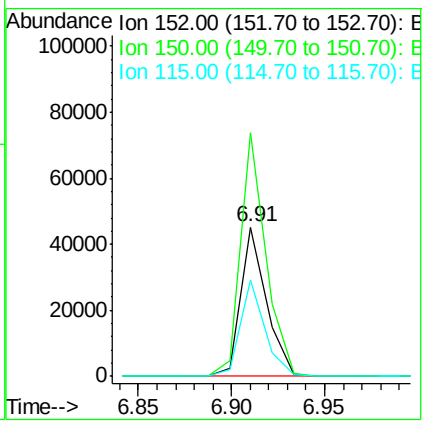


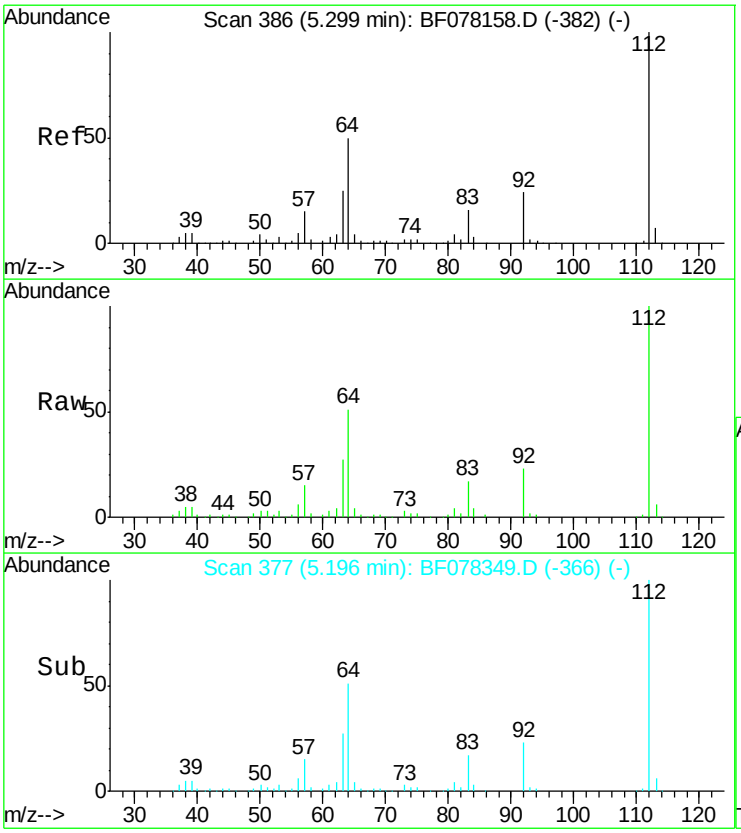
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:152 Resp: 43363

Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.9	188.9
115	64.2	52.7	79.1

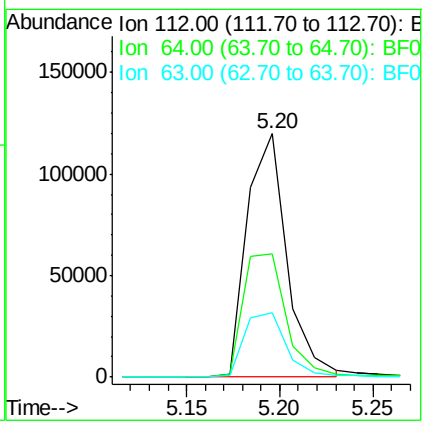


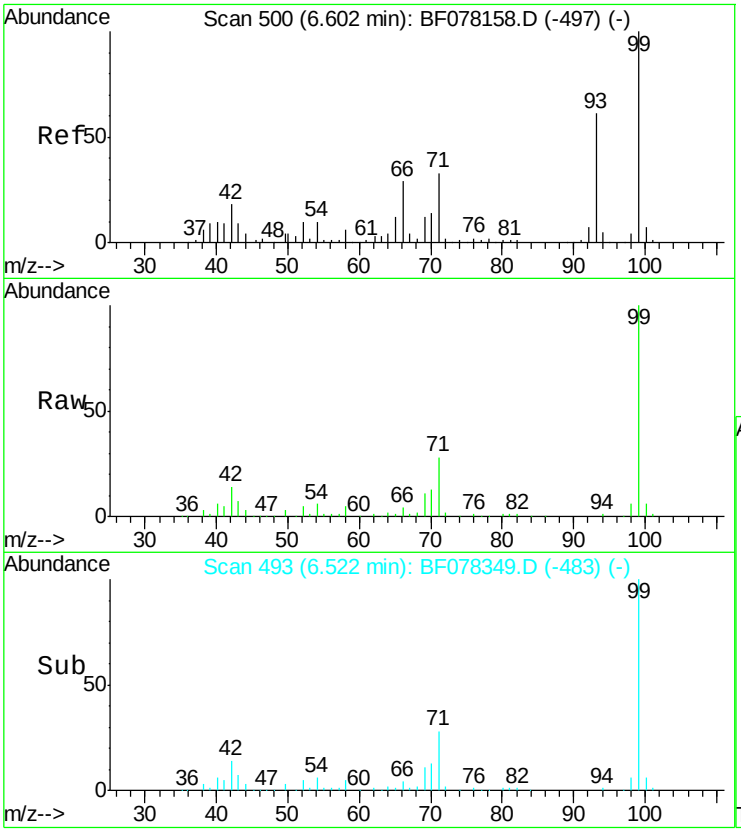


#5
2-Fluorophenol
Concen: 68.12 ng
RT: 5.20 min Scan# 377
Delta R.T. 0.02 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:112 Resp: 179161

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.9	59.9
63	26.6	20.2	30.4



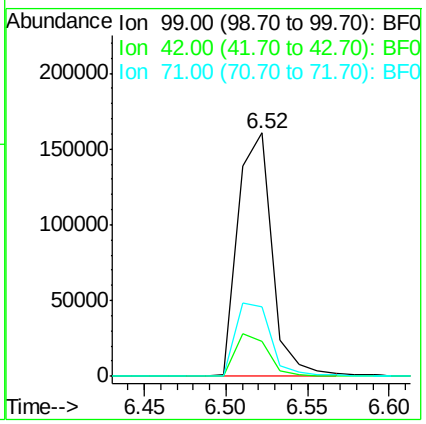


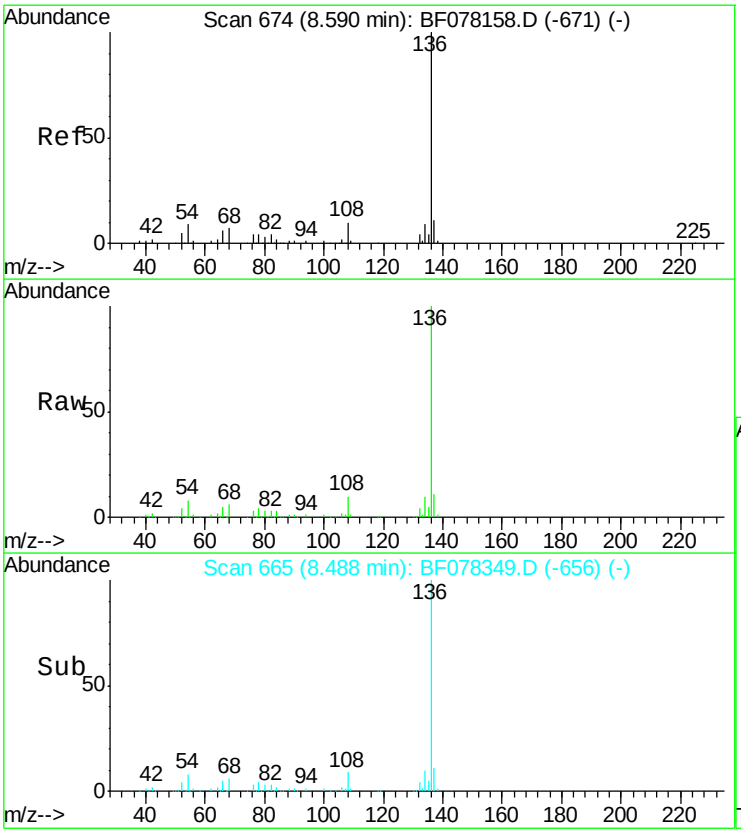
#7
Phenol-d6
Concen: 70.40 ng
RT: 6.52 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion: 99 Resp: 232040

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.8	22.2#
71	28.4	26.6	39.8

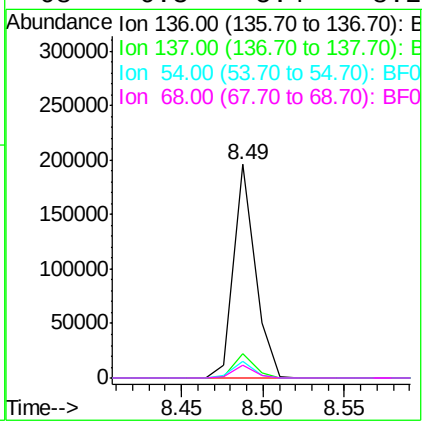


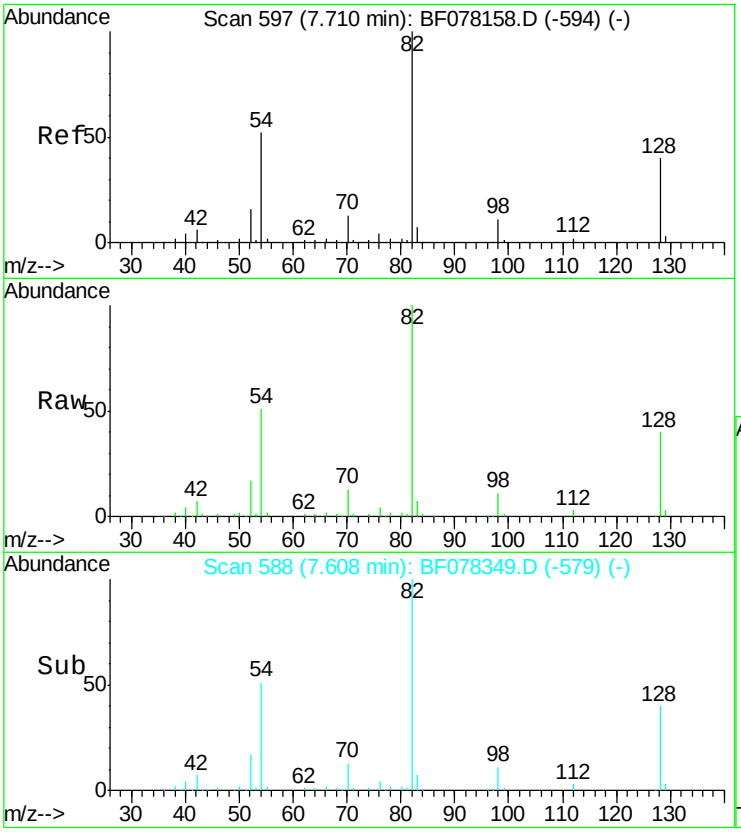


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:136 Resp: 178062

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	7.0	10.6
68	6.3	5.4	8.2



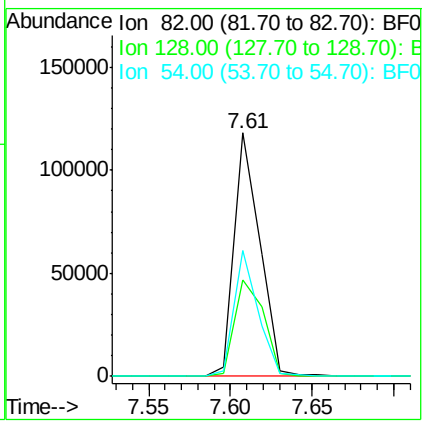


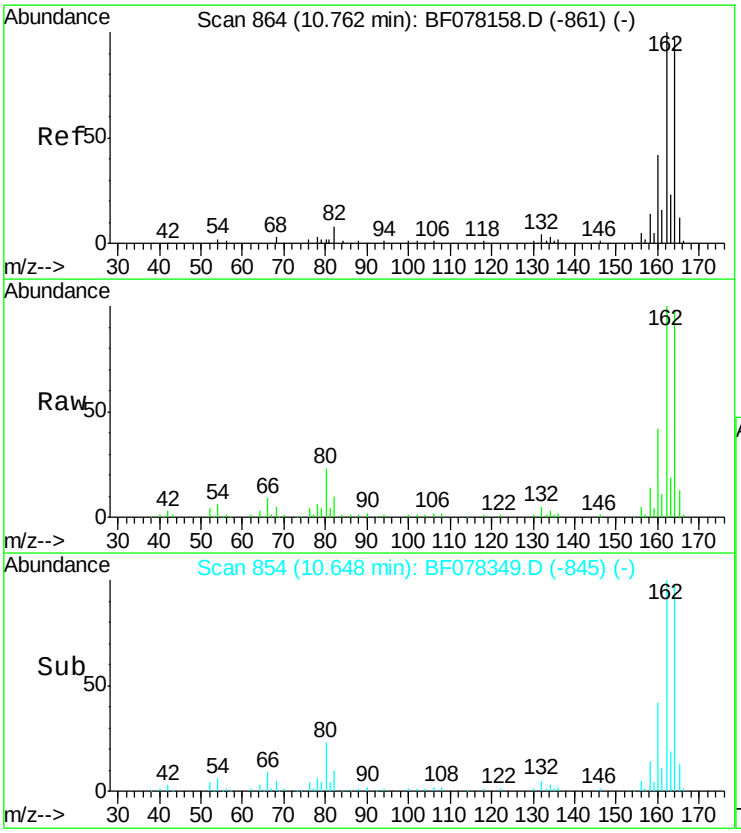
#23
Nitrobenzene-d5
Concen: 43.64 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion: 82 Resp: 128202

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.8
54	51.5	41.5	62.3

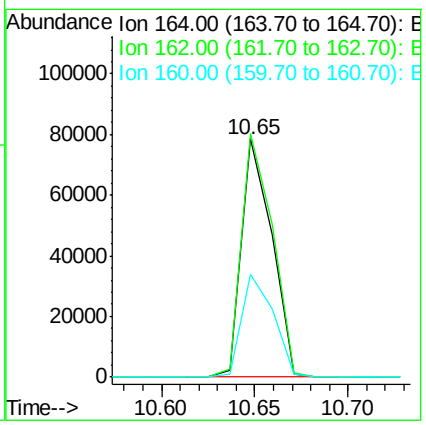


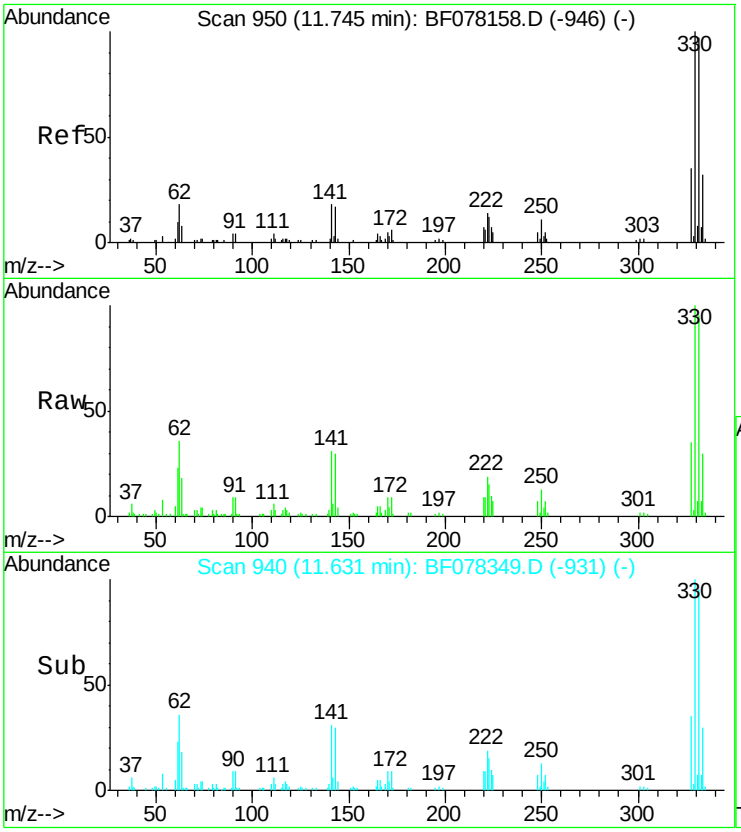


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:164 Resp: 88038

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	43.4	34.7	52.1



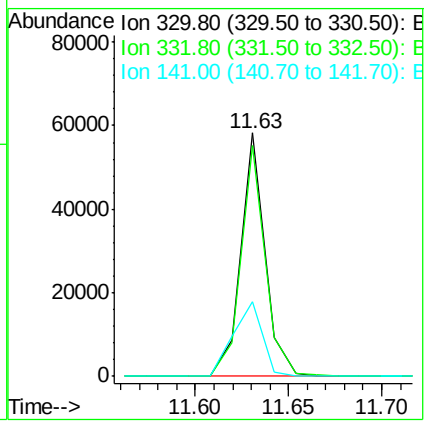


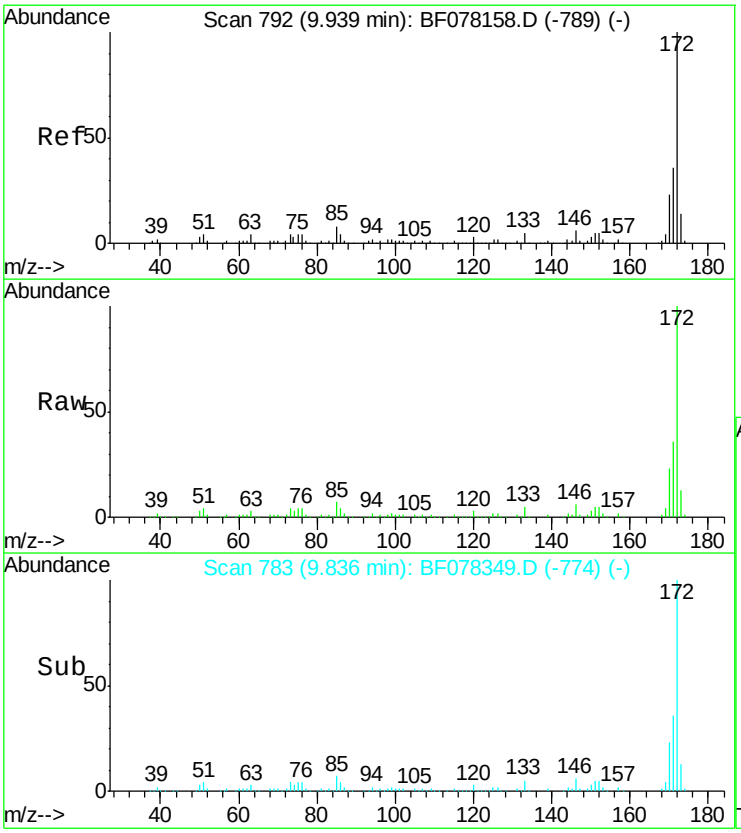
#41
2,4,6-Tribromophenol
Concen: 72.07 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:330 Resp: 52625

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.6	117.8
141	37.1	31.2	46.8

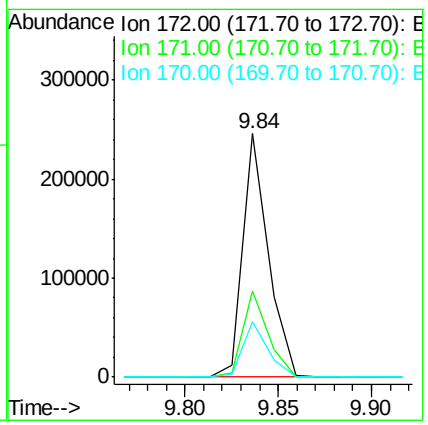


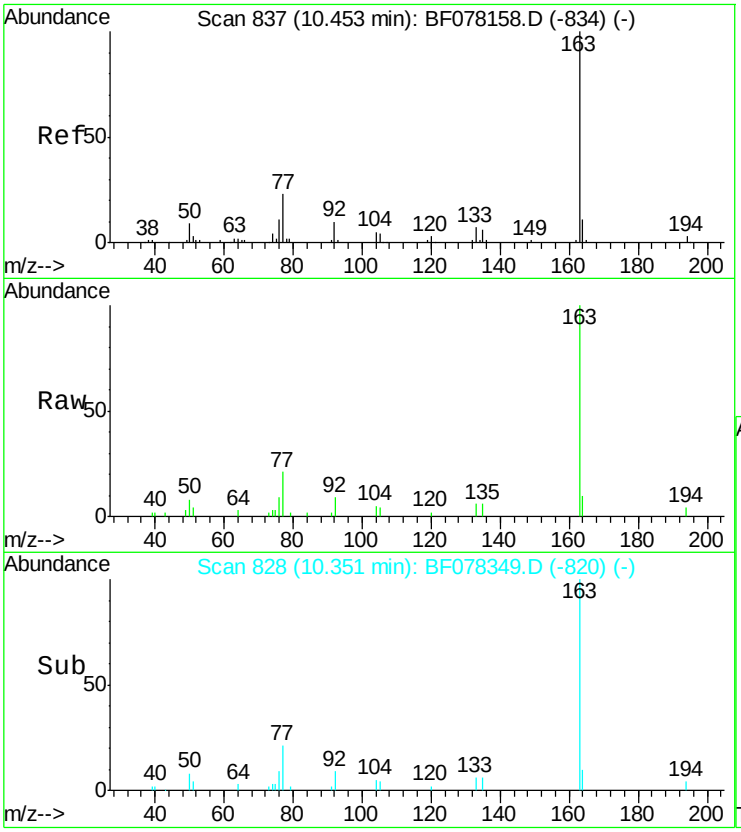


#44
2-Fluorobiphenyl
Concen: 37.83 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:172 Resp: 232982

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.0	18.5	27.7



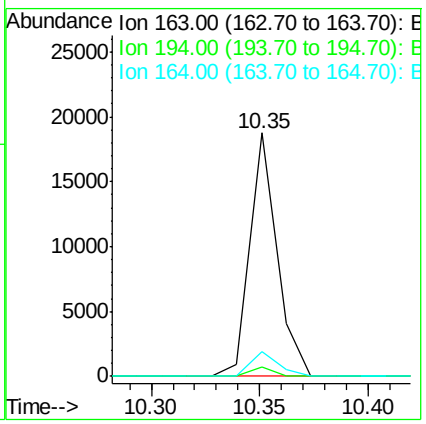


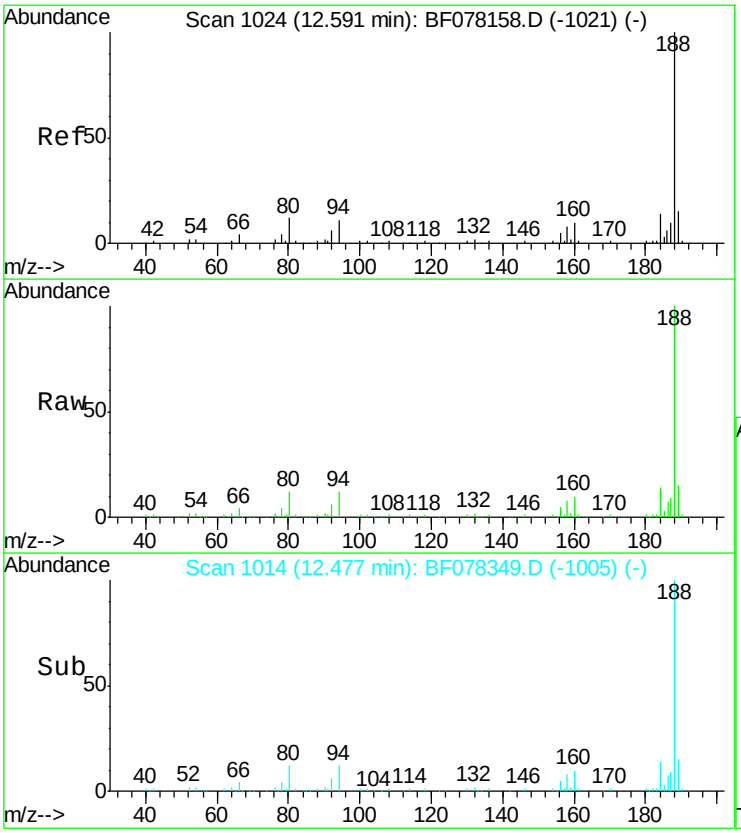
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:163 Resp: 16283

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	10.0	8.6	13.0

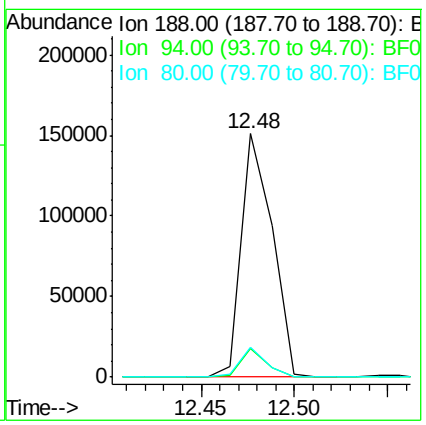


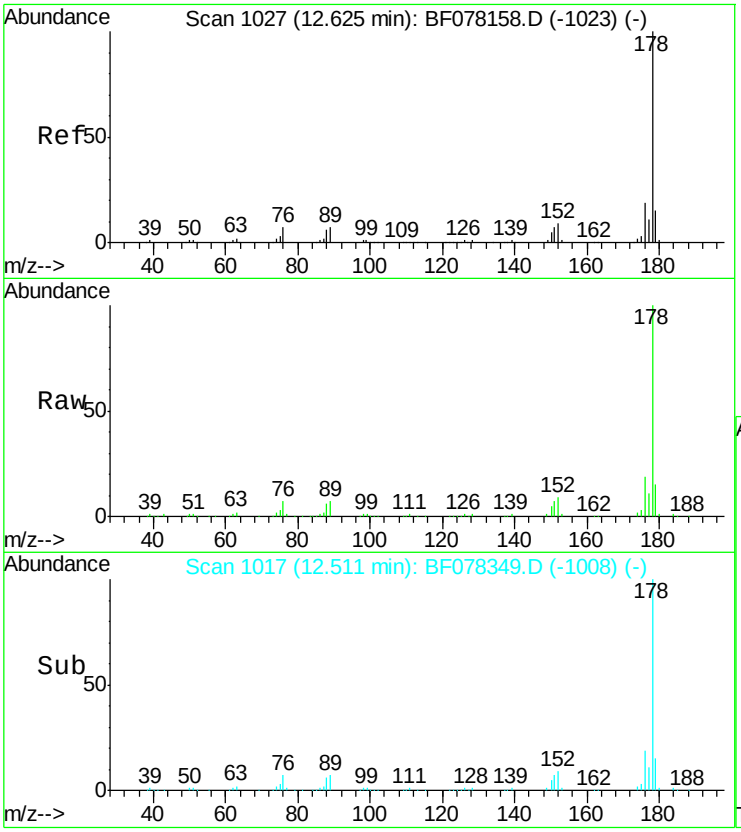


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:188 Resp: 174403

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	12.2	9.5	14.3



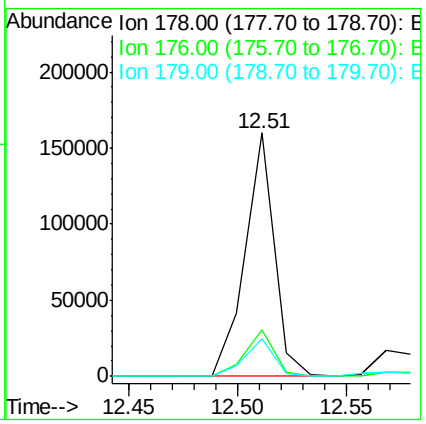


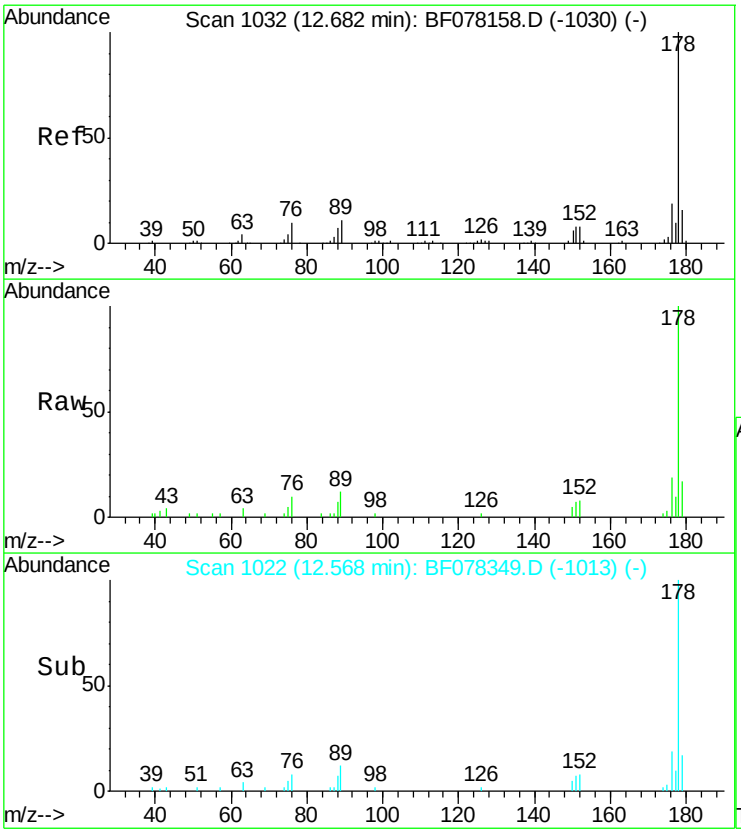
#70
Phenanthrene
Concen: 14.83 ng
RT: 12.51 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:178 Resp: 149622

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.3	12.2	18.2

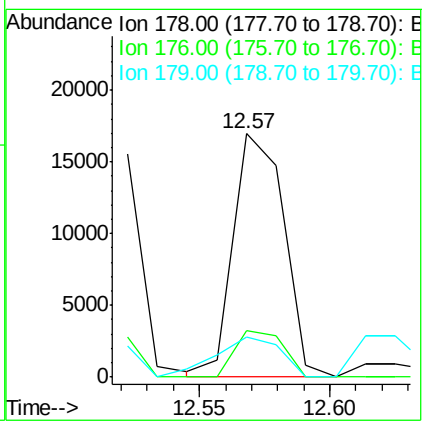


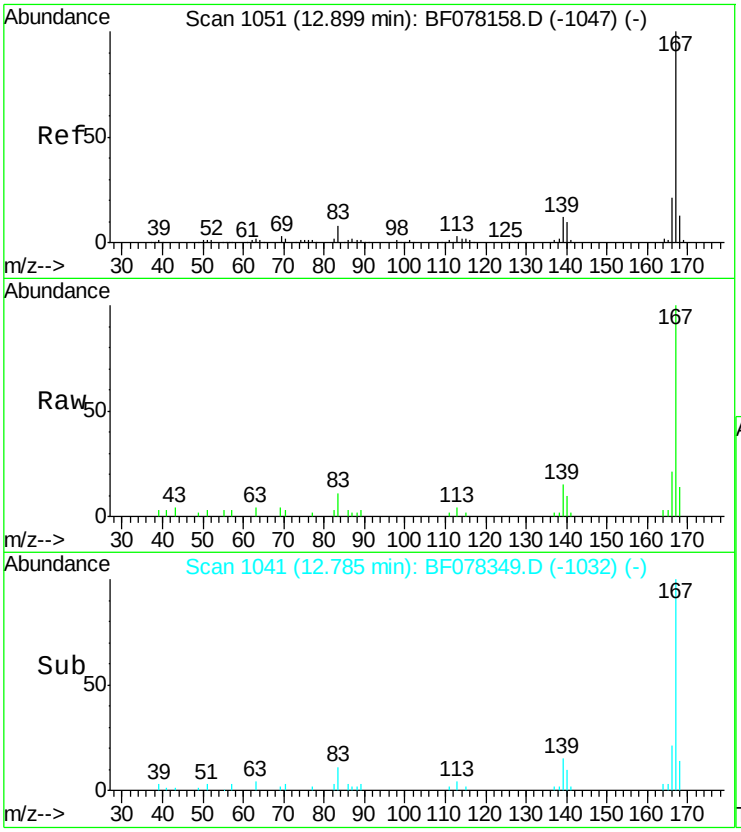


#71
Anthracene
Concen: 2.32 ng
RT: 12.57 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:178 Resp: 23107

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	16.7	12.4	18.6



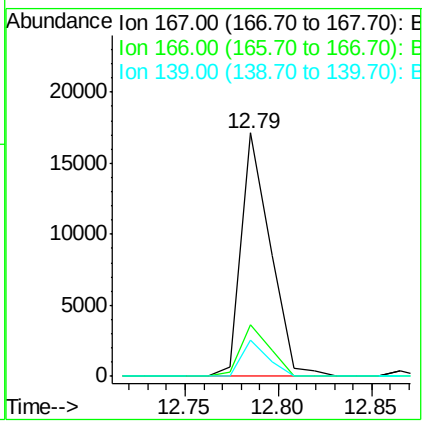


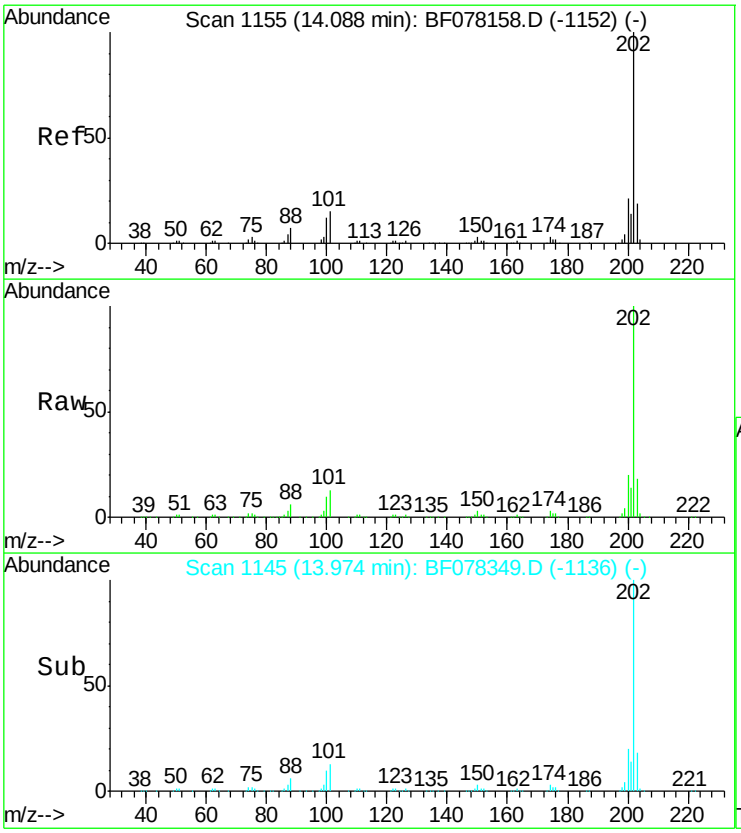
#72
Carbazole
Concen: 2.01 ng
RT: 12.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:167 Resp: 18695

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.8	25.2
139	14.7	10.0	15.0

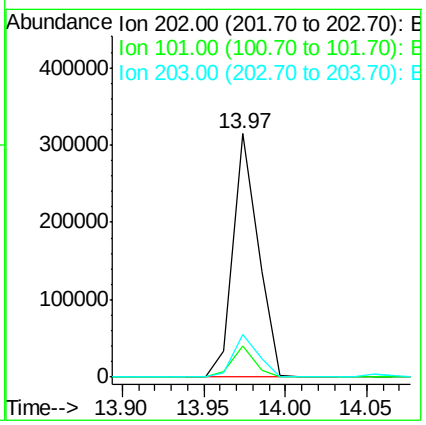


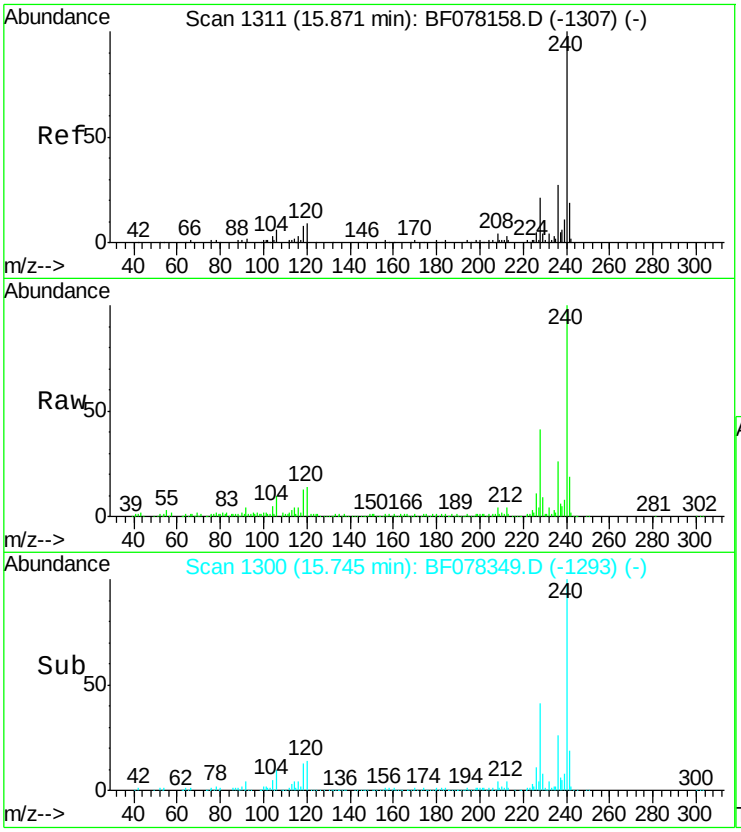


#74
Fluoranthene
Concen: 31.61 ng
RT: 13.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:202 Resp: 336349

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	35.2
203	17.6	0.0	38.5



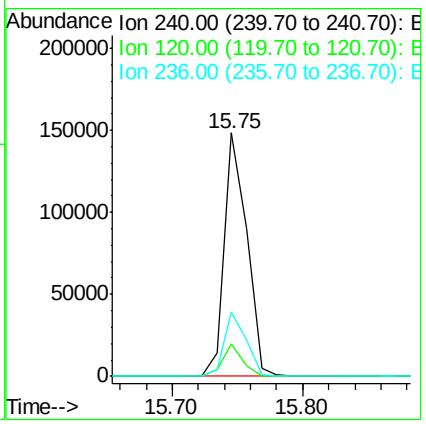


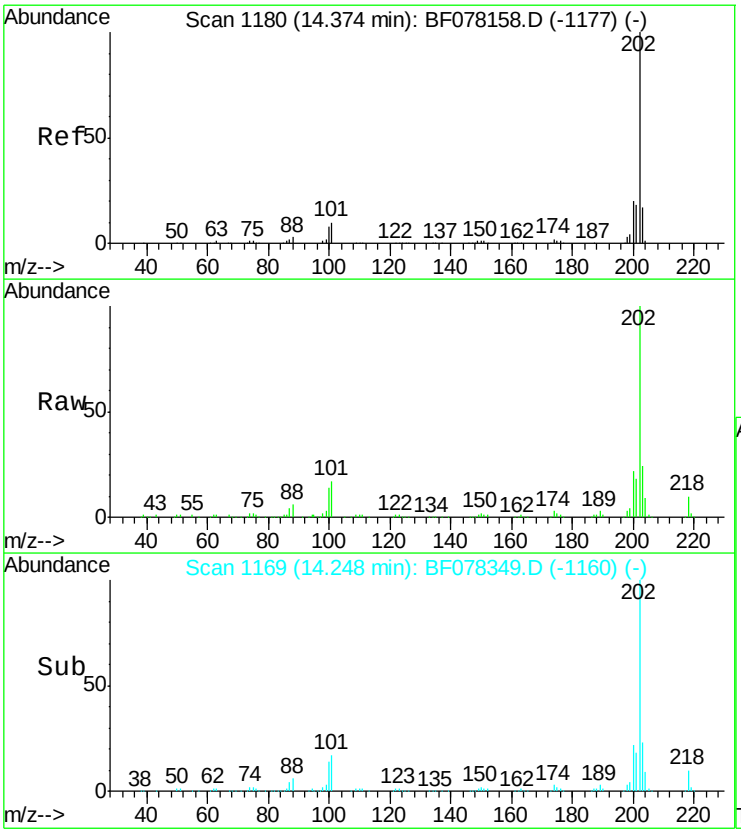
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.75 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:240 Resp: 178532

Ion	Ratio	Lower	Upper
240	100		
120	13.6	7.1	10.7#
236	26.2	21.4	32.2

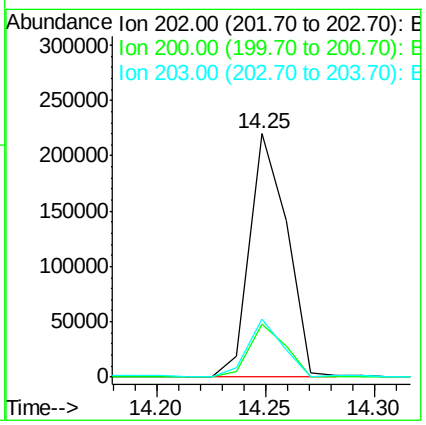


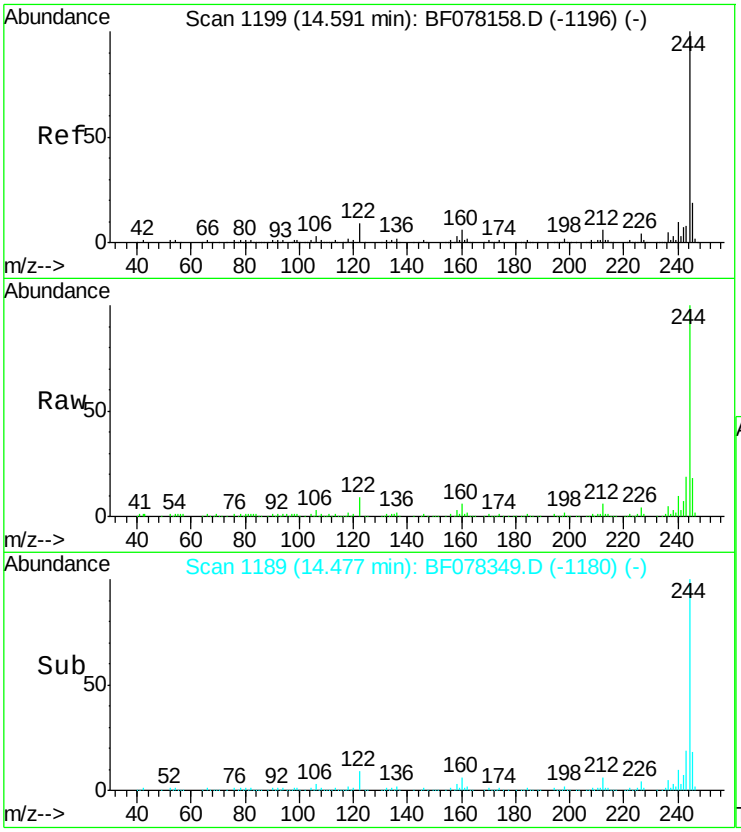


#77
Pyrene
Concen: 23.60 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:202 Resp: 264542

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	23.9	13.8	20.6#



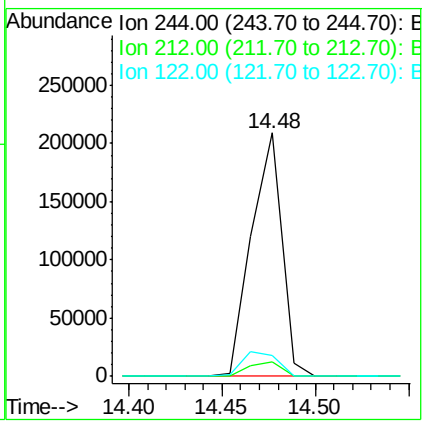


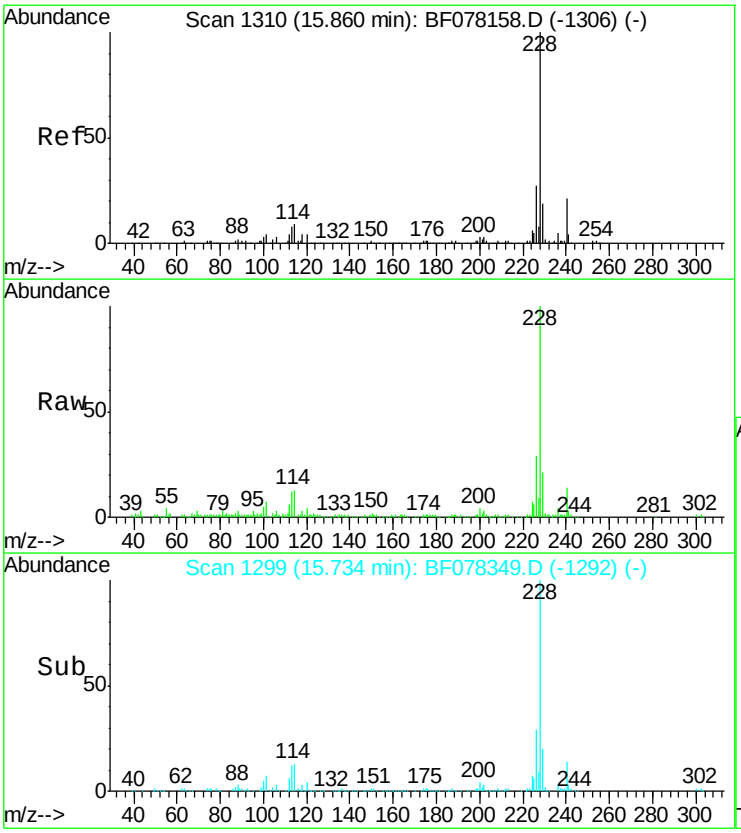
#78
Terphenyl-d14
Concen: 29.93 ng
RT: 14.48 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:244 Resp: 236456

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	8.5	7.1	10.7

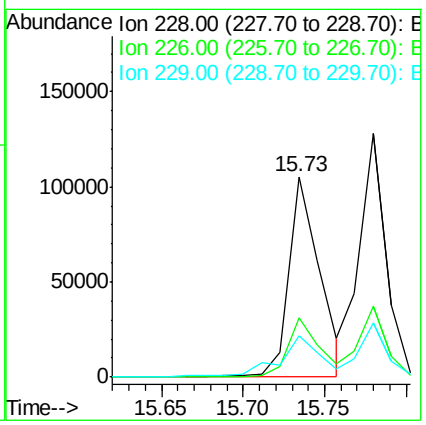


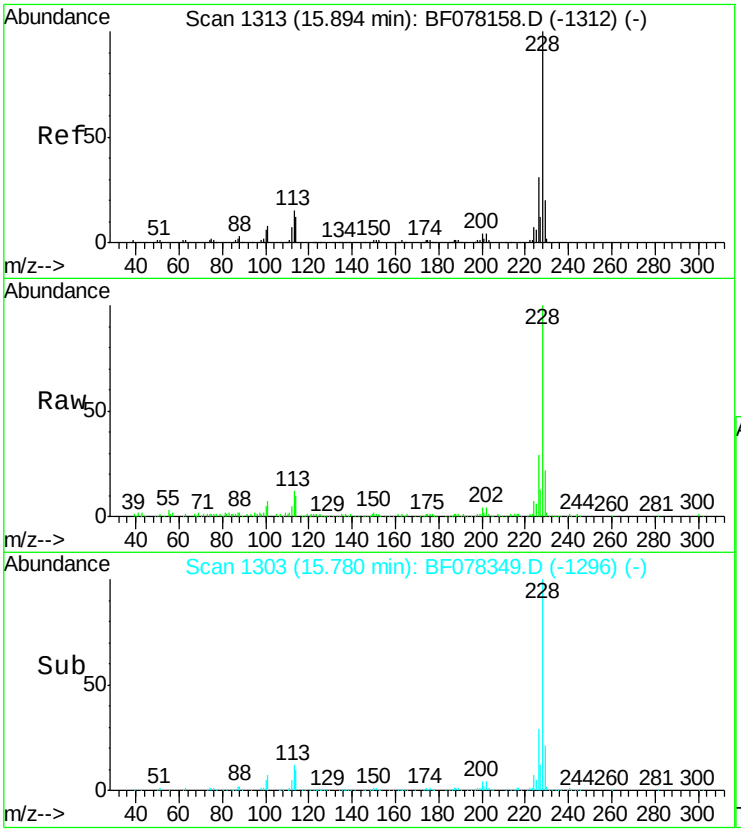


#80
Benzo(a)anthracene
Concen: 13.15 ng
RT: 15.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:228 Resp: 139733

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.3	31.9
229	20.6	15.4	23.2



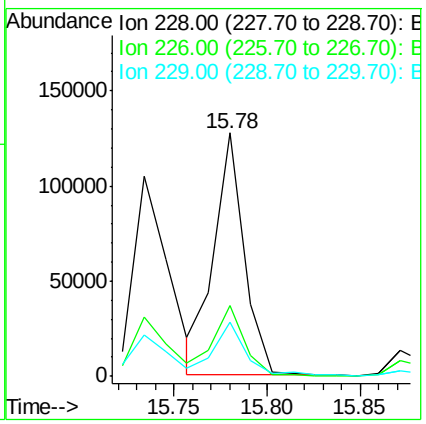


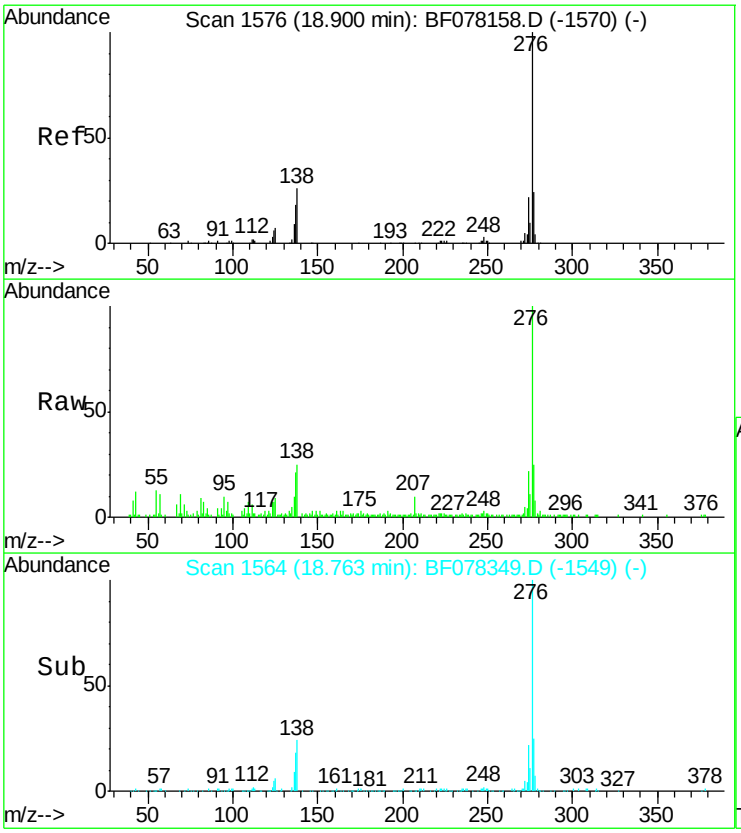
#82
Chrysene
Concen: 14.46 ng
RT: 15.78 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:228 Resp: 144360

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	22.1	15.8	23.8

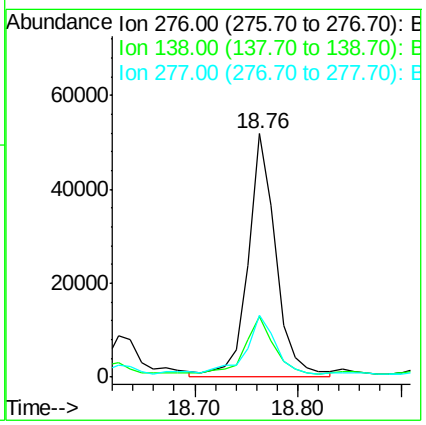


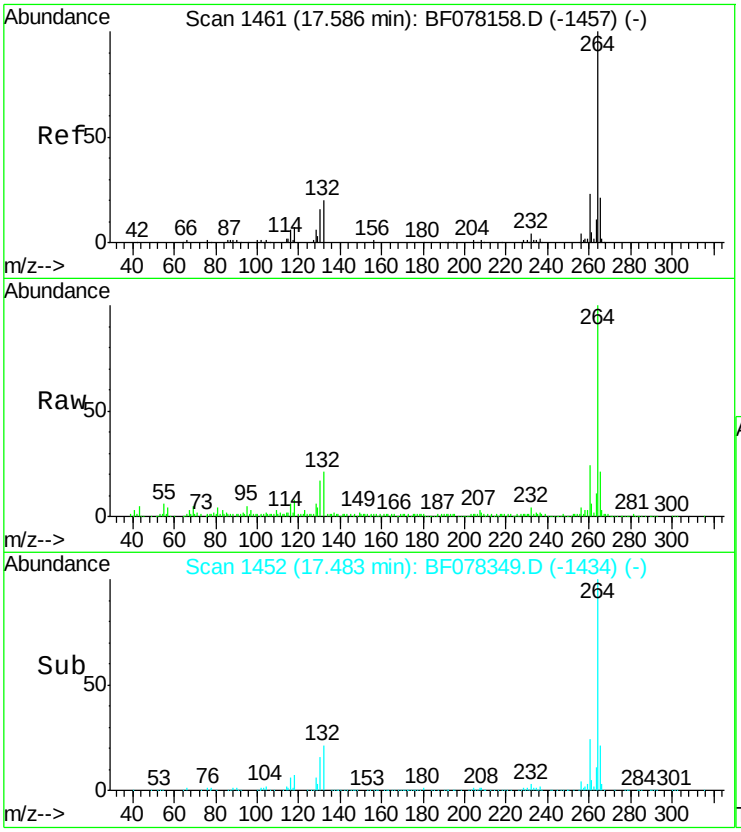


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.54 ng m
RT: 18.76 min Scan# 1564
Delta R.T. -0.13 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:276 Resp: 96733

Ion	Ratio	Lower	Upper
276	100		
138	4.9	16.9	25.3#
277	4.1	15.8	23.6#



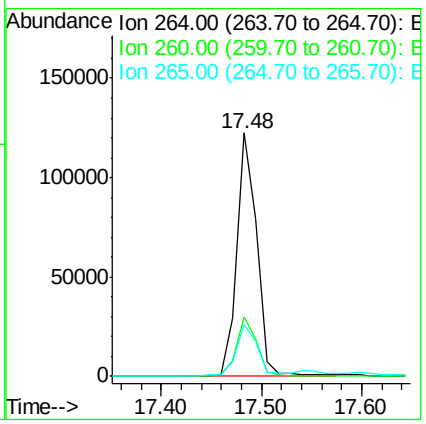


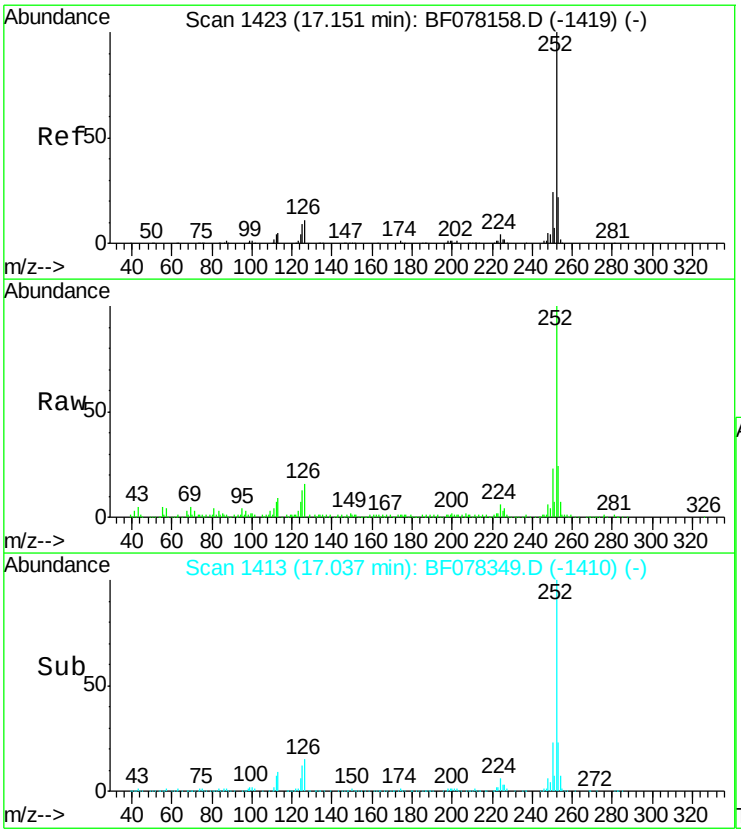
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.48 min Scan# 1452
Delta R.T. -0.09 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:264 Resp: 168840

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.4	17.0	25.6

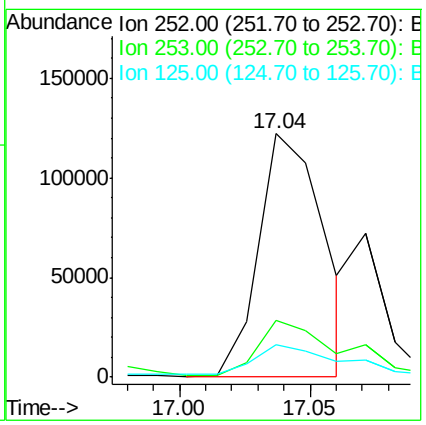


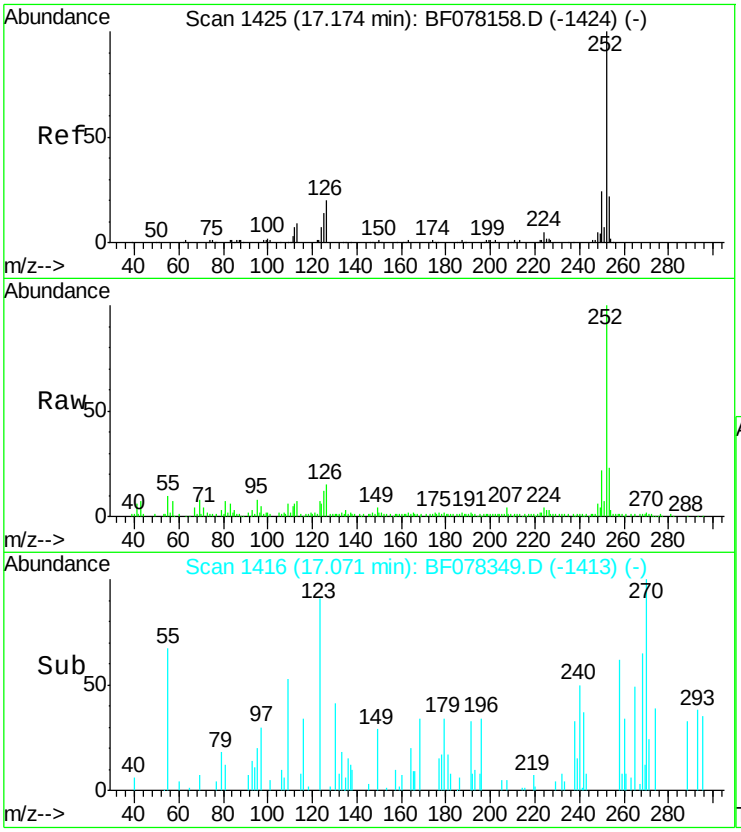


#87
Benzo(b)fluoranthene
Concen: 20.20 ng
RT: 17.04 min Scan# 1413
Delta R.T. -0.07 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:252 Resp: 210803

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	13.1	7.0	10.4#



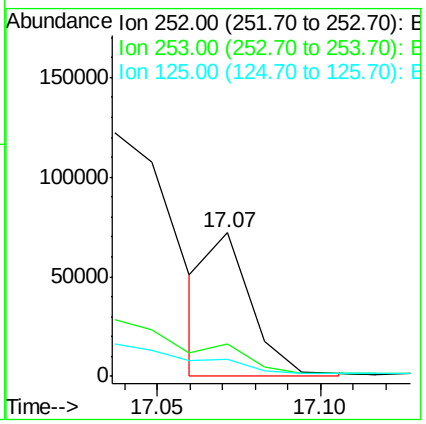


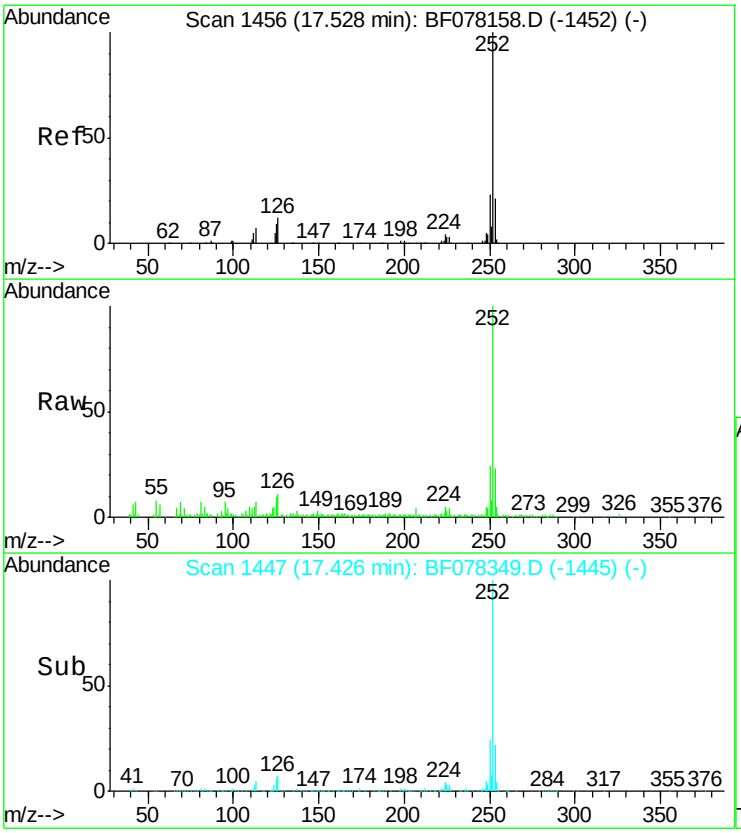
#88
Benzo(k)fluoranthene
Concen: 6.91 ng m
RT: 17.07 min Scan# 1416
Delta R.T. -0.07 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:252 Resp: 64056

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.1	11.6	17.4

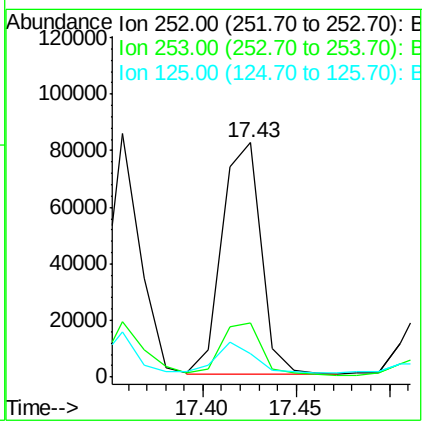


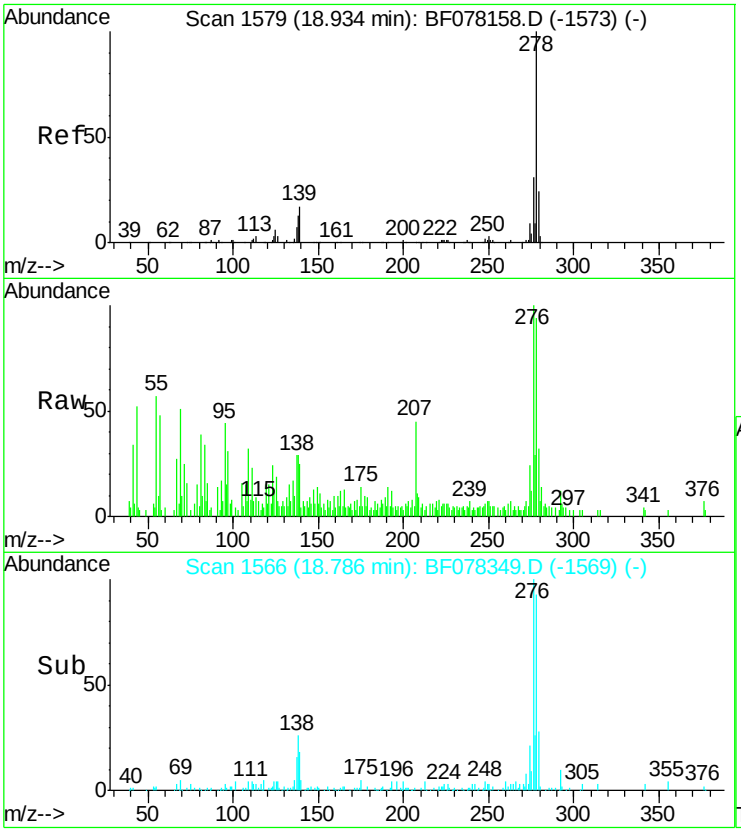


#89
Benzo(a)pyrene
Concen: 13.07 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.08 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:252 Resp: 119013

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	10.3	7.4	11.0



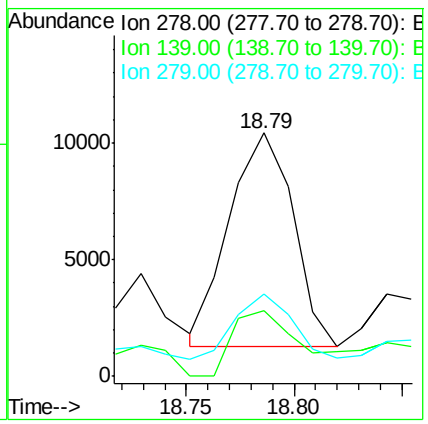


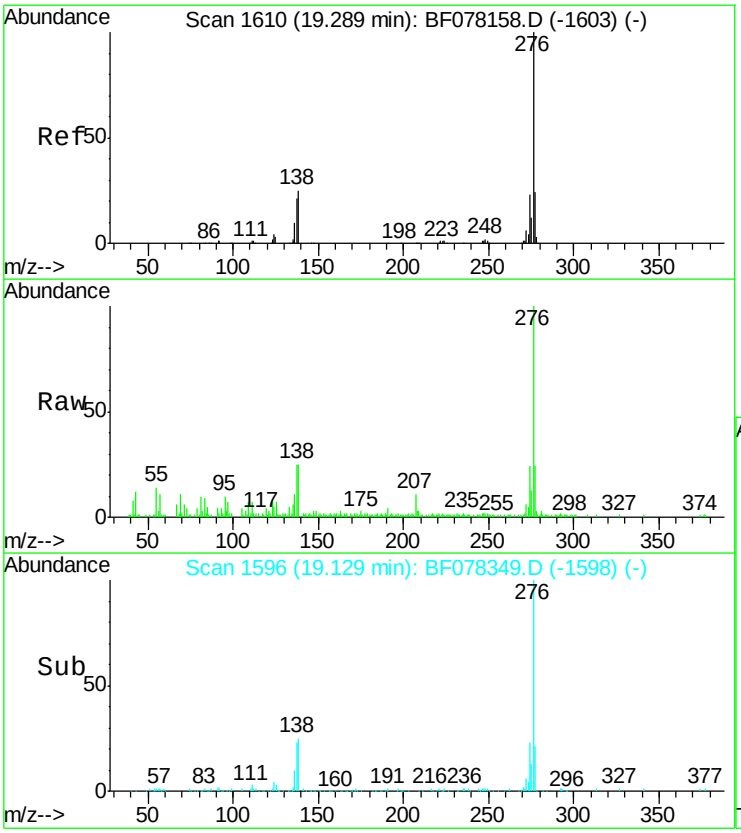
#90
Dibenzo(a,h)anthracene
Concen: 2.06 ng m
RT: 18.79 min Scan# 1566
Delta R.T. -0.14 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Instrument :
BNA_F
ClientSampleId :
OUTFALL-1

Tgt Ion:278 Resp: 18786

Ion	Ratio	Lower	Upper
278	100		
139	27.0	13.6	20.4#
279	33.8	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 9.51 ng
RT: 19.13 min Scan# 1596
Delta R.T. -0.13 min
Lab File: BF078349.D
Acq: 8 Apr 2015 22:28

Tgt Ion:276 Resp: 86976

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	24.7	19.9	29.9