Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078287.D
Acq On : 7 Apr 2015 7:02
Operator : TP/IZ
Sample : G1760-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WC-065-40115

Quant Time: Apr 07 06:56:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:11:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39101	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	160775	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	81882	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	152986	20.00	ng		0.00
75) Chrysene-d12	15.81	240	168161	20.00	ng		0.00
86) Perylene-d12	17.53	264	169099	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	241171	101.69	ng		0.01
7) Phenol-d6	6.58	99	319957	107.65	ng		0.00
23) Nitrobenzene-d5	7.68	82	184221	69.45	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	74105	109.12	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	403932	70.51	ng		0.00
78) Terphenyl-d14	14.55	244	462938	62.21	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.58	128	618046	73.86	ng		99
32) Benzoic acid	8.35	122	1369	6.83	ng	#	60
37) 2-Methylnaphthalene	9.44	142	140157	24.67	ng		98
45) 1,1'-Biphenyl	10.02	154	14415	2.15	ng		98
48) Acenaphthylene	10.54	152	18558	2.18	ng	#	95
49) Dimethylphthalate	10.42	163	24886	4.05	ng	#	96
51) Acenaphthene	10.75	154	31811	6.64	ng		98
54) Dibenzofuran	10.97	168	39891	5.45	ng		99
55) 4-Nitrophenol	10.97	139	14507	15.98	ng	#	21
57) Fluorene	11.39	166	89469	15.08	ng		99
70) Phenanthrene	12.58	178	312424	35.30	ng		100
71) Anthracene	12.64	178	135929	15.59	ng		99
72) Carbazole	12.85	167	89695	10.98	ng		99
74) Fluoranthene	14.04	202	143760	15.40	ng		96
77) Pyrene	14.32	202	136000	12.88	ng	#	96
80) Benzo(a)anthracene	15.80	228	69553	6.95	ng		93
82) Chrysene	15.85	228	75364	8.02	ng		97
87) Benzo(b)fluoranthene	17.09	252	68207	6.53	ng	#	94
88) Benzo(k)fluoranthene	17.09	252	68205	7.34	ng		97
89) Benzo(a)pyrene	17.46	252	38520	4.22	ng	#	95
91) Benzo(g,h,i)perylene	19.19	276	19239	2.10	ng		94

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

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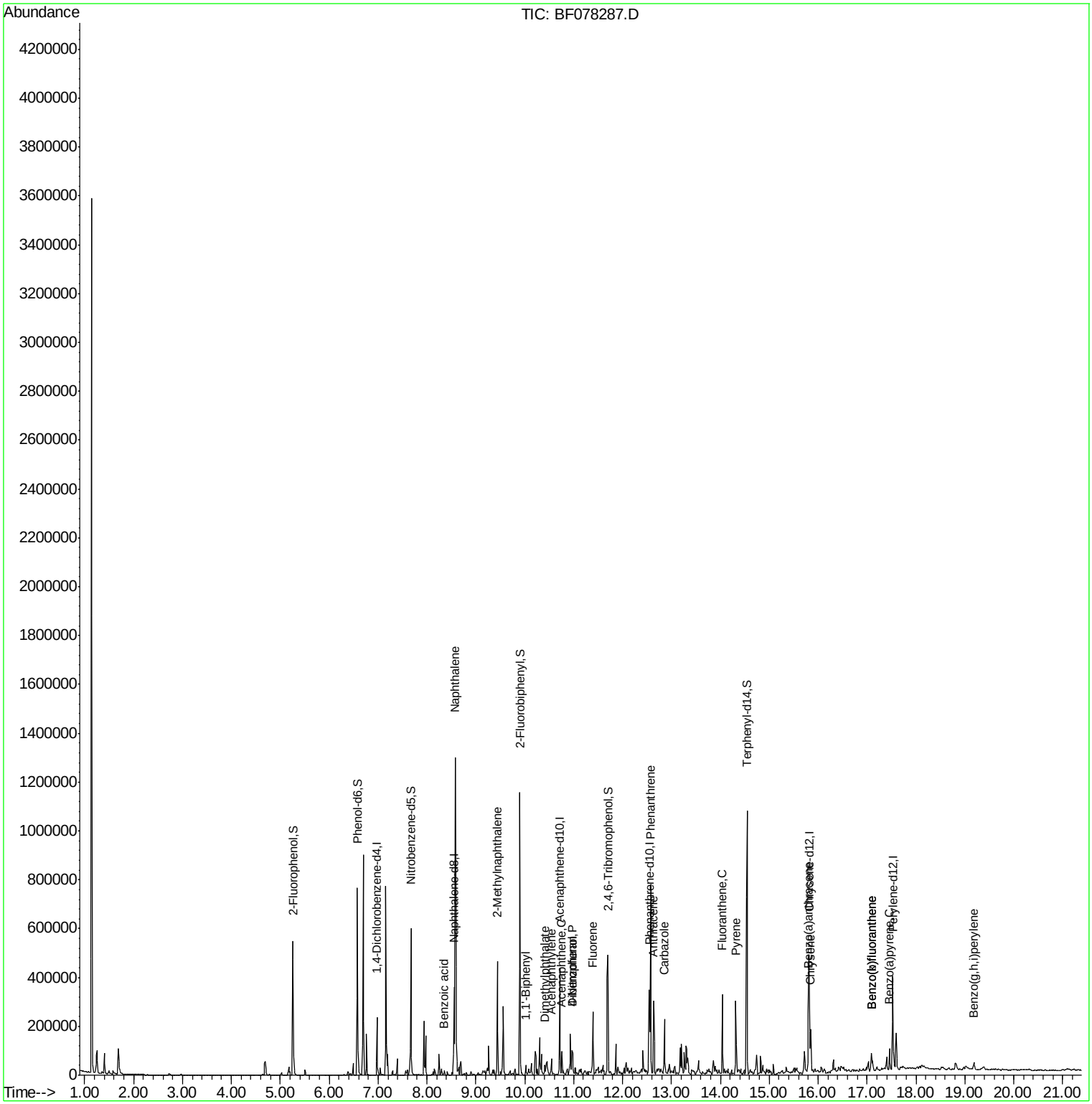
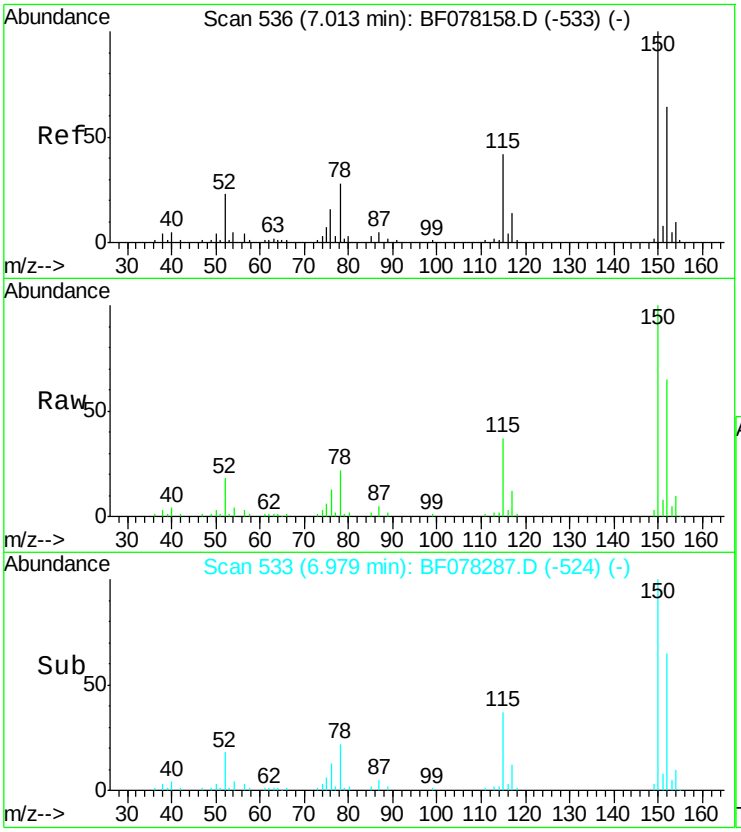


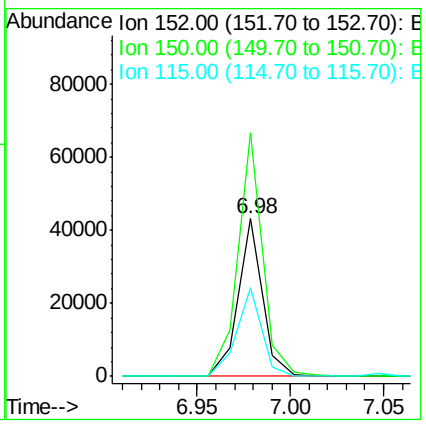


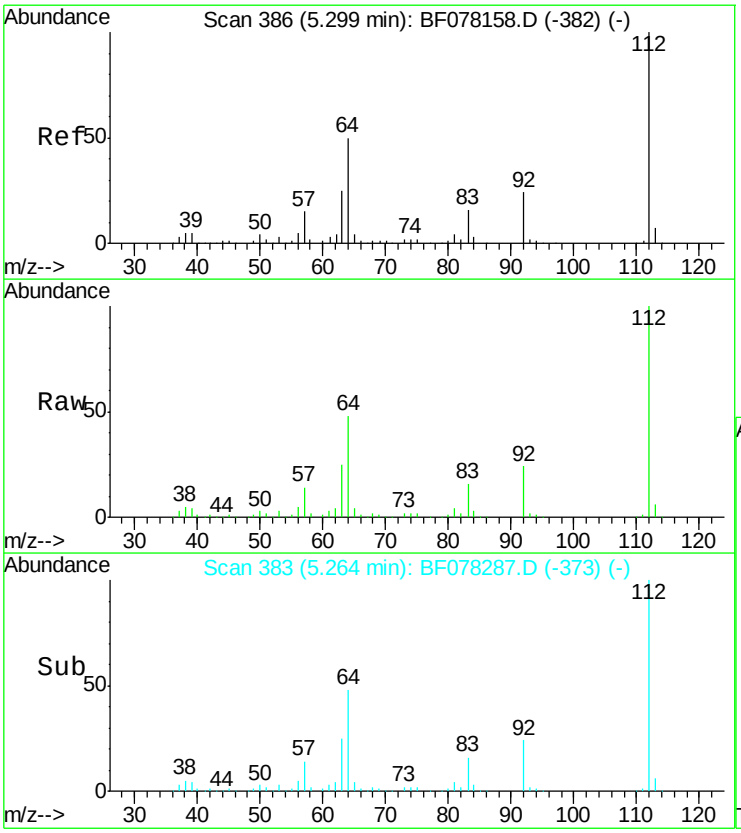
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:152 Resp: 39101

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	56.6	52.7	79.1

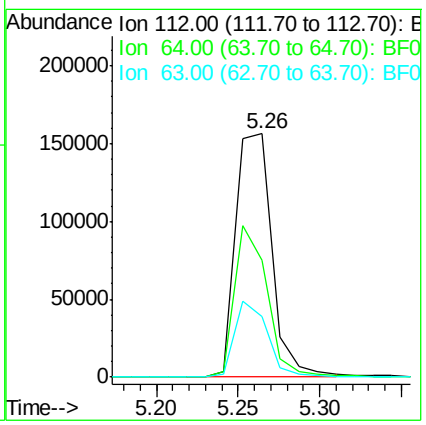


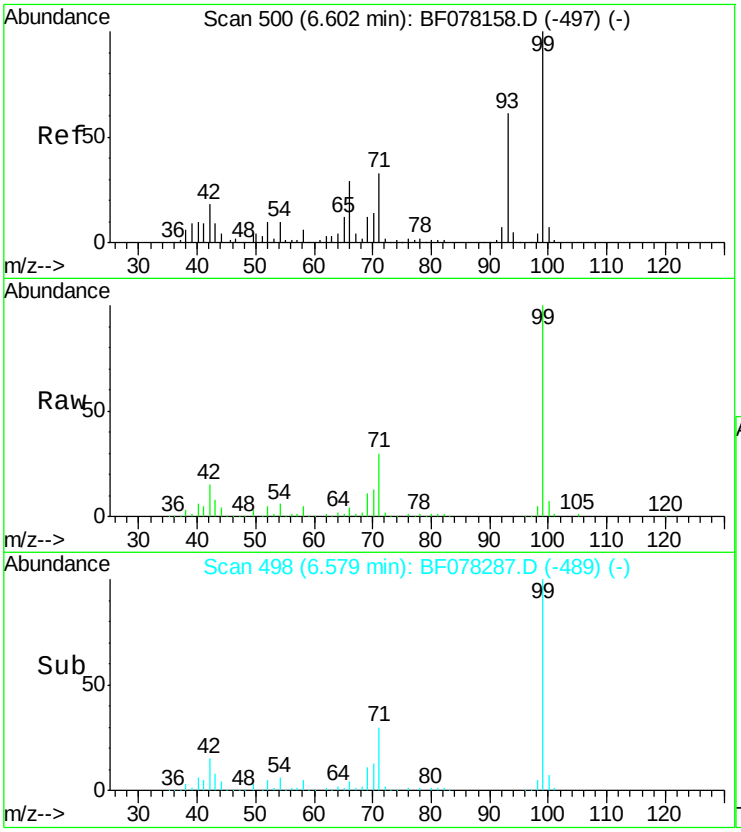


#5
2-Fluorophenol
Concen: 101.69 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:112 Resp: 241171

Ion	Ratio	Lower	Upper
112	100		
64	48.2	39.9	59.9
63	24.7	20.2	30.4



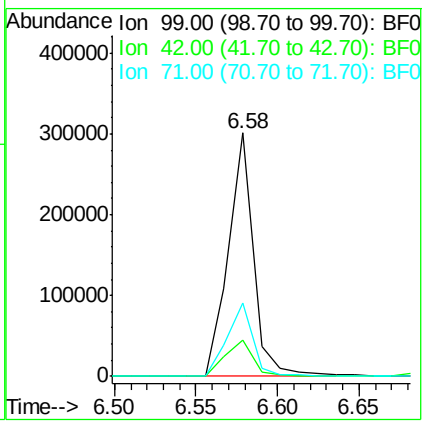


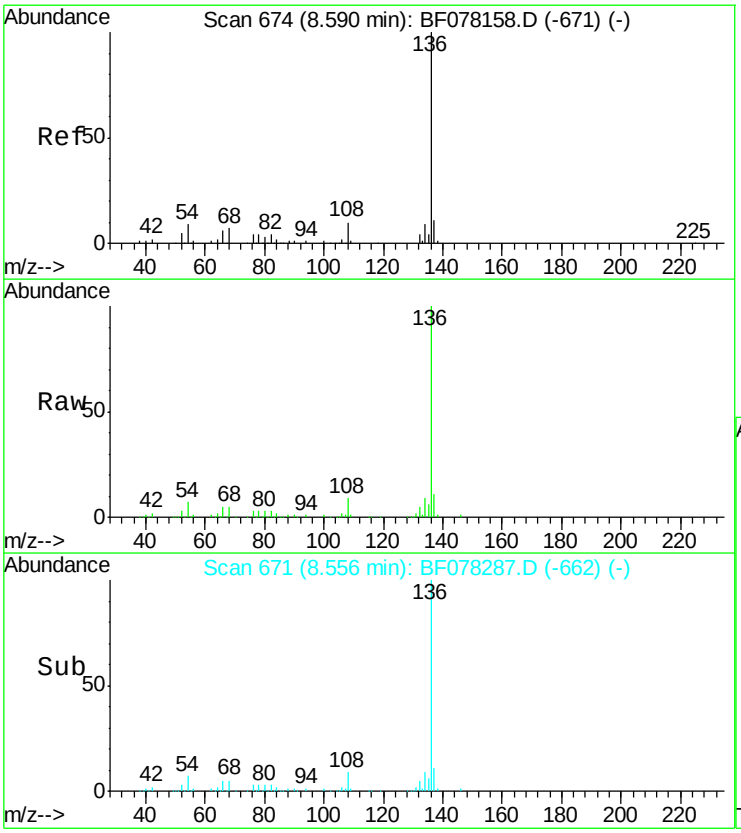
#7
Phenol-d6
Concen: 107.65 ng
RT: 6.58 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion: 99 Resp: 319957

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.8	22.2
71	30.1	26.6	39.8

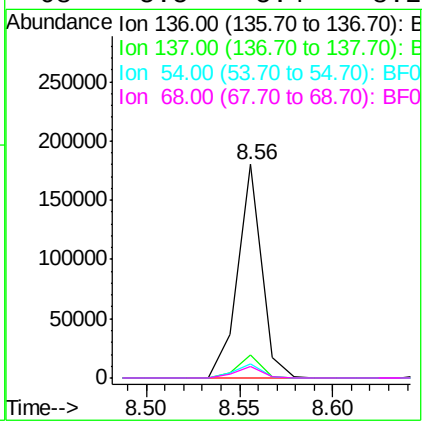


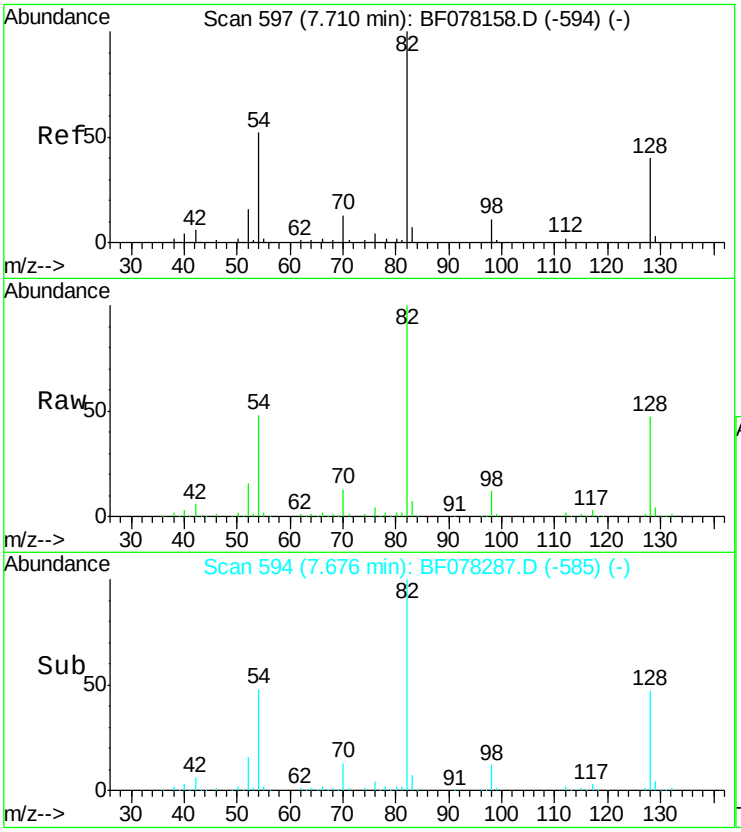


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:136 Resp: 160775

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	7.0	10.6#
68	5.5	5.4	8.2



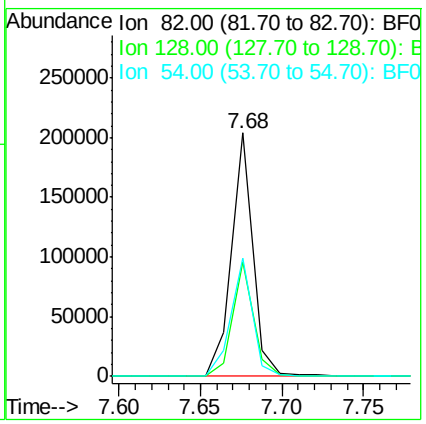


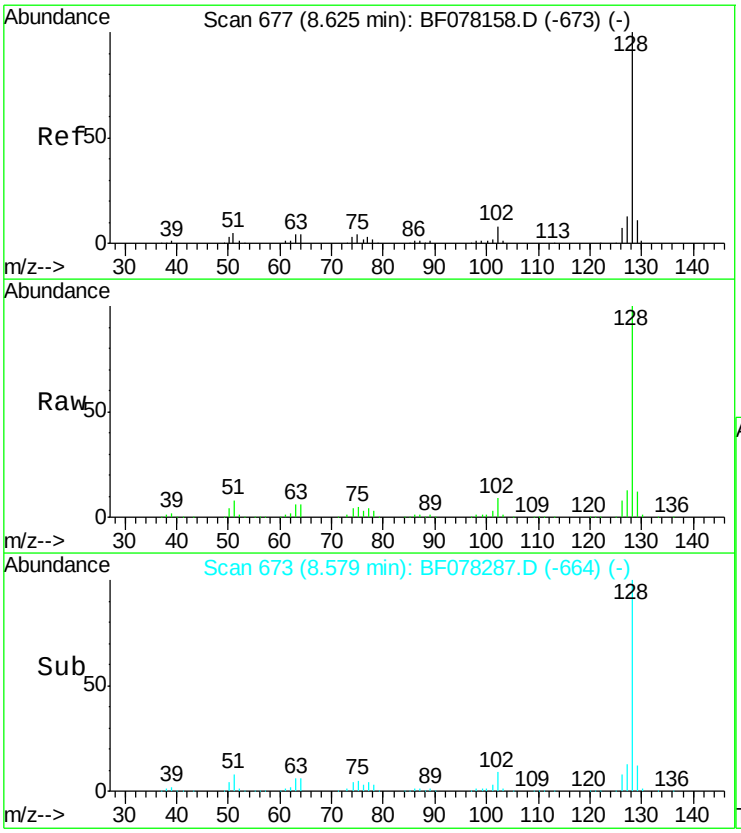
#23
Nitrobenzene-d5
Concen: 69.45 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion: 82 Resp: 184221

Ion	Ratio	Lower	Upper
82	100		
128	47.1	31.8	47.8
54	48.3	41.5	62.3

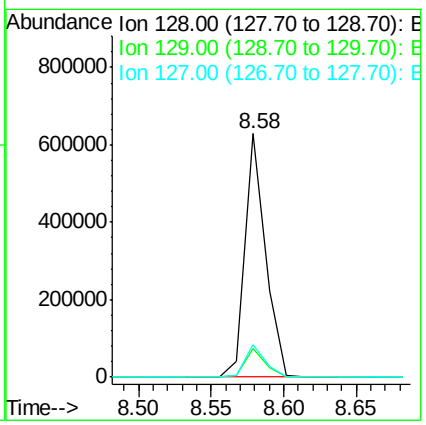


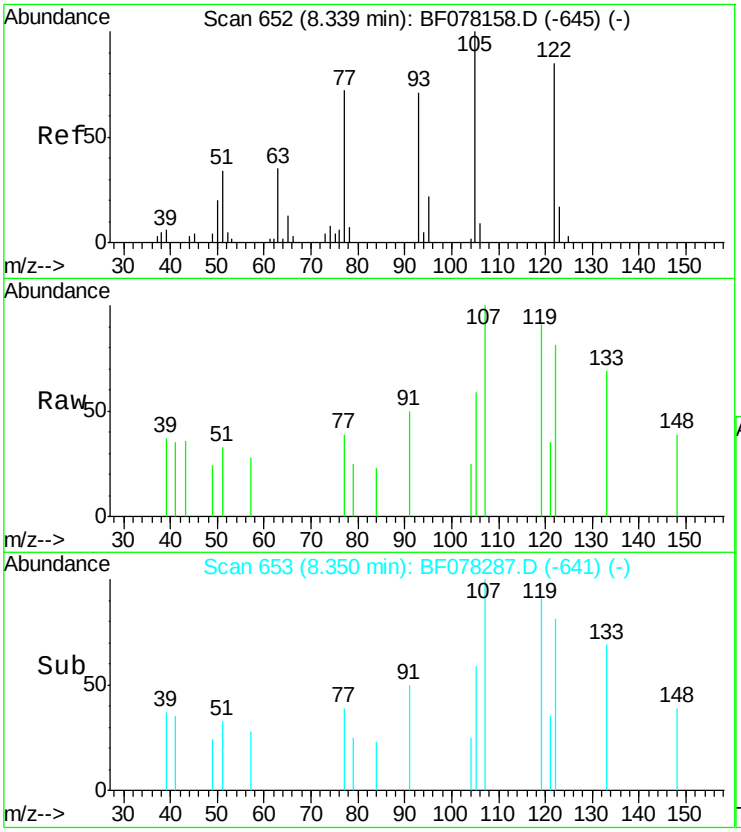


#31
Naphthalene
Concen: 73.86 ng
RT: 8.58 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:128 Resp: 618046

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.4	10.7	16.1



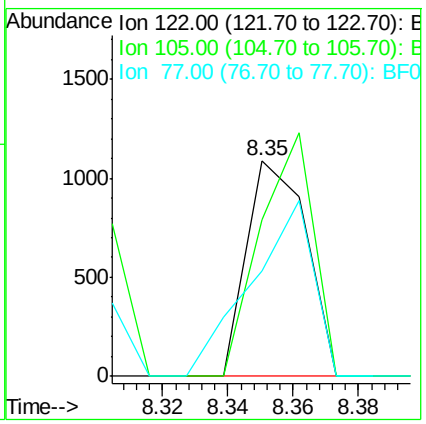


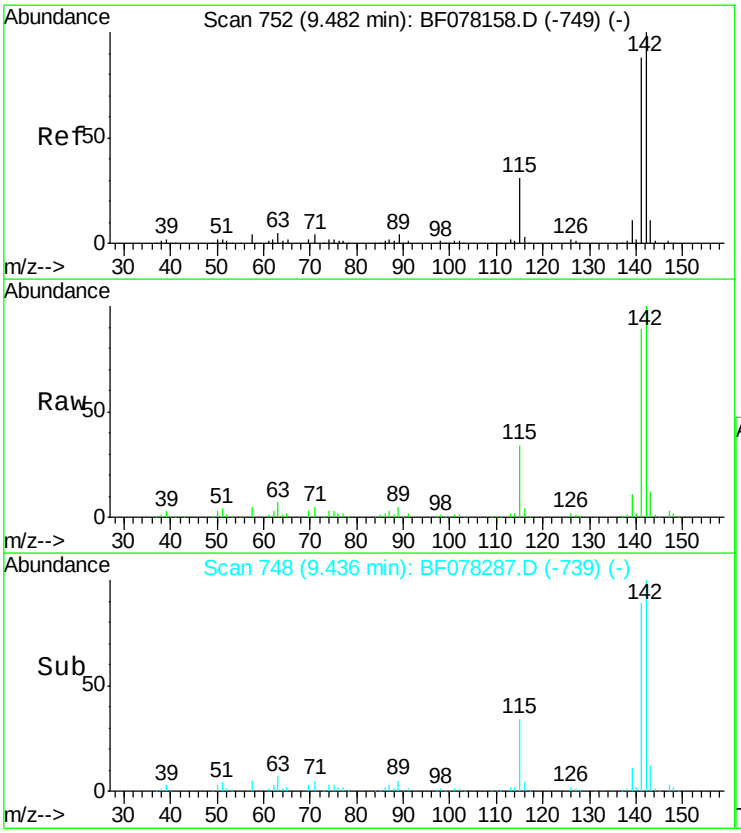
#32
Benzoic acid
Concen: 6.83 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.03 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:122 Resp: 1369

Ion	Ratio	Lower	Upper
122	100		
105	72.5	96.1	136.1#
77	48.6	64.1	104.1#

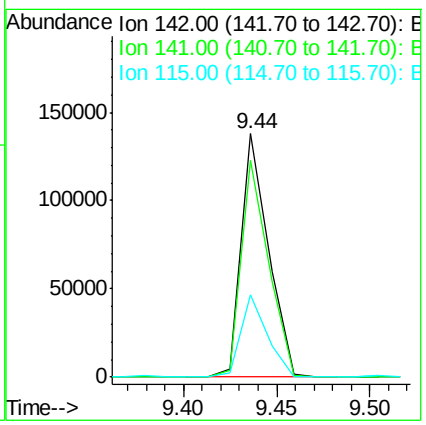


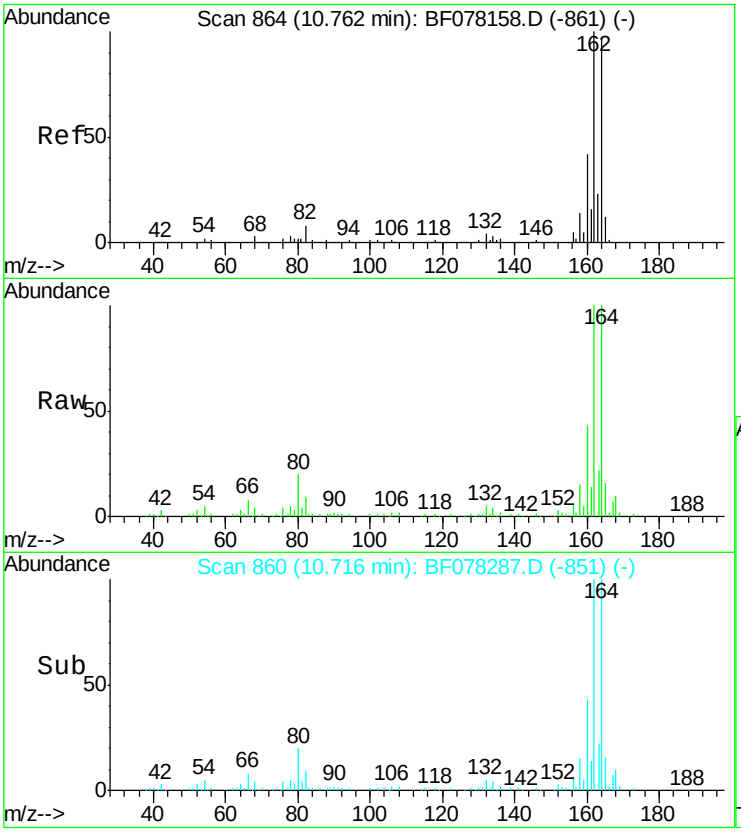


#37
2-Methylnaphthalene
Concen: 24.67 ng
RT: 9.44 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:142 Resp: 140157

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	33.8	24.6	37.0



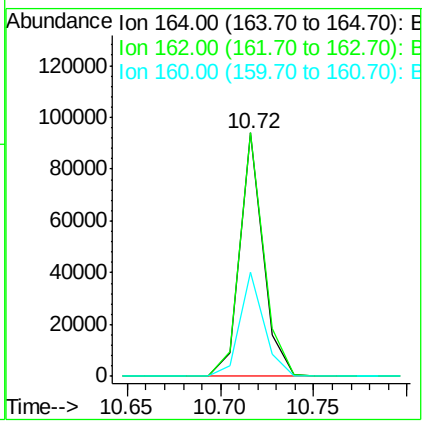


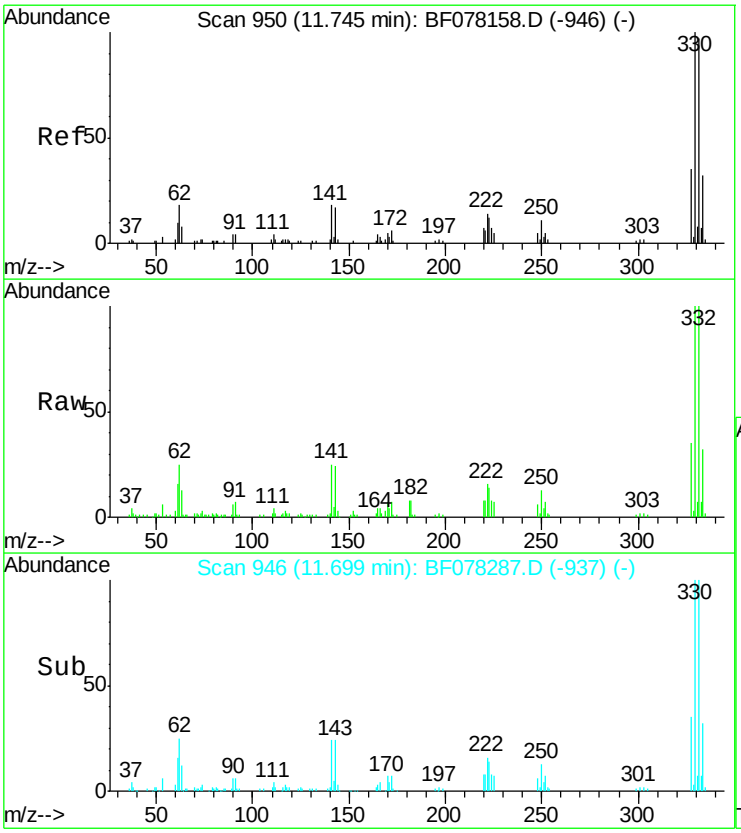
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:164 Resp: 81882

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.2	123.2
160	42.7	34.7	52.1

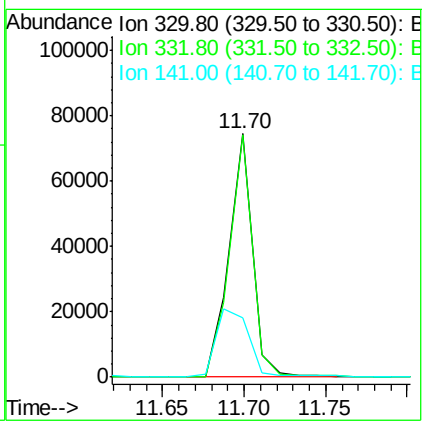


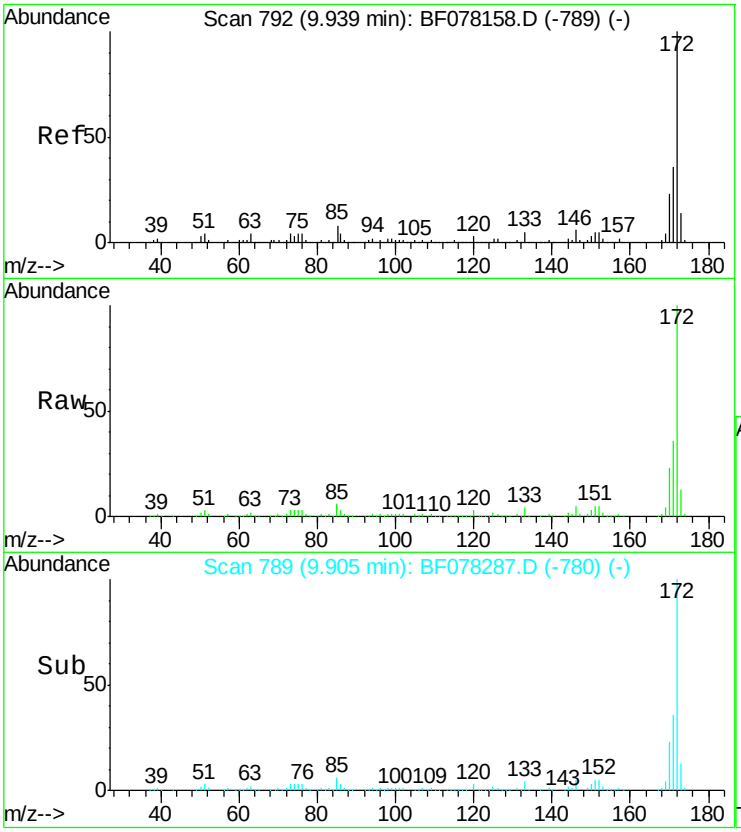


#41
2,4,6-Tribromophenol
Concen: 109.12 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:330 Resp: 74105

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	39.8	31.2	46.8



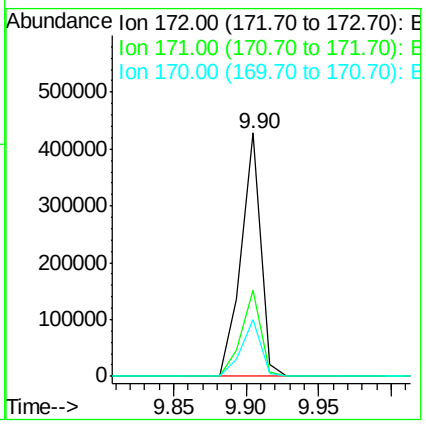


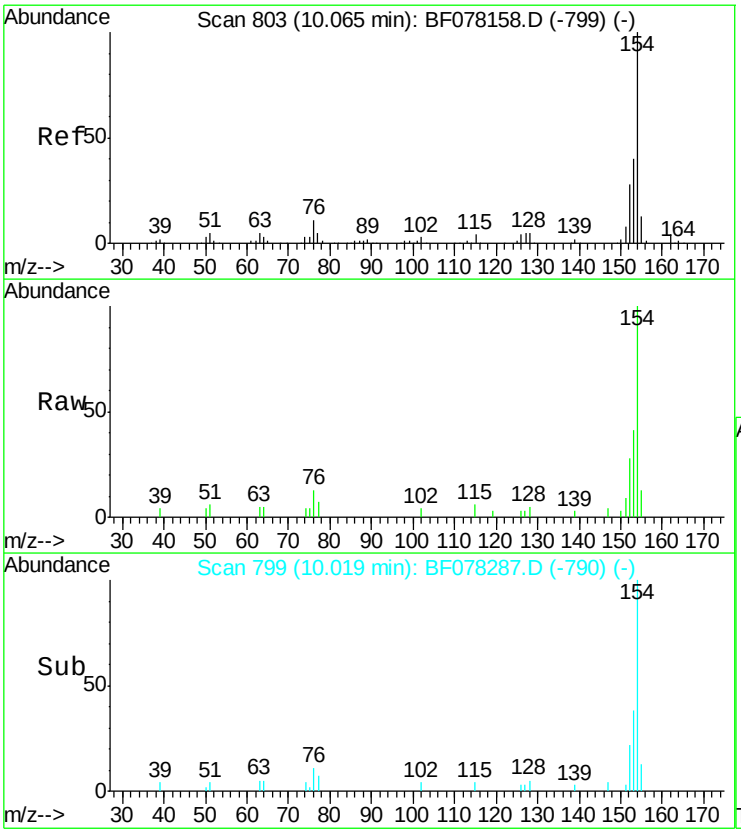
#44
2-Fluorobiphenyl
Concen: 70.51 ng
RT: 9.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:172 Resp: 403932

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	18.5	27.7

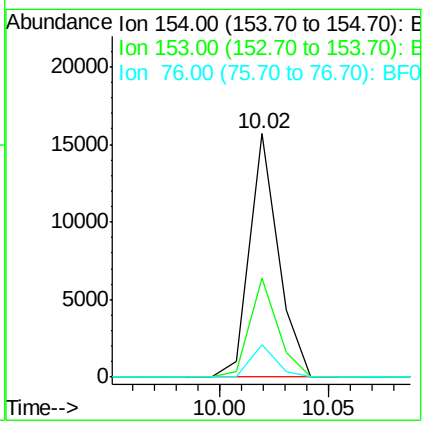


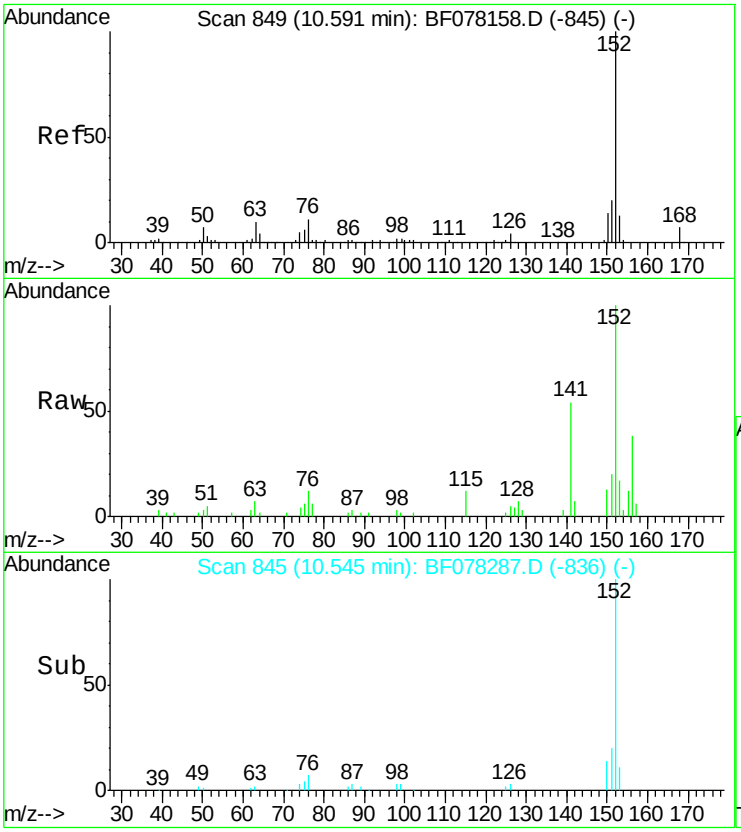


#45
1,1'-Biphenyl
Concen: 2.15 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:154 Resp: 14415

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.0	60.0
76	13.3	0.0	30.6



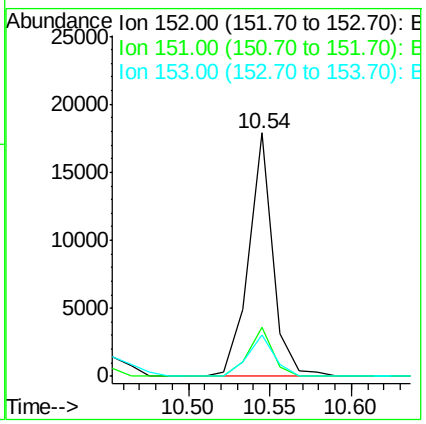


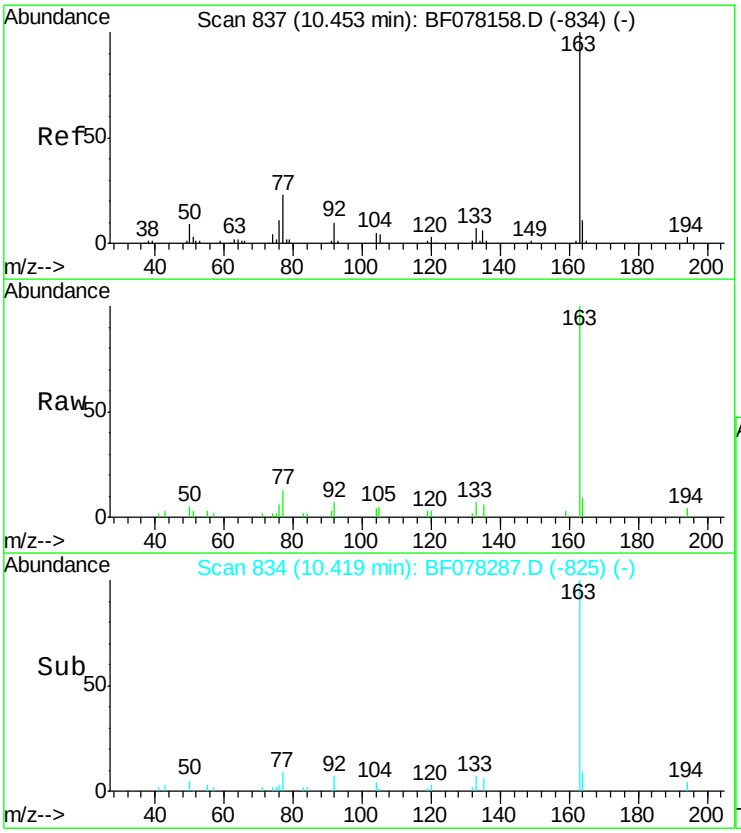
#48
Acenaphthylene
Concen: 2.18 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:152 Resp: 18558

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	16.9	10.2	15.2#

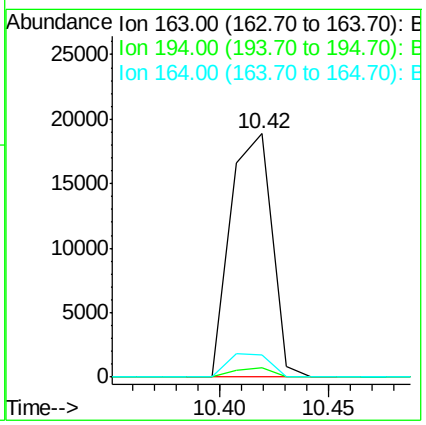


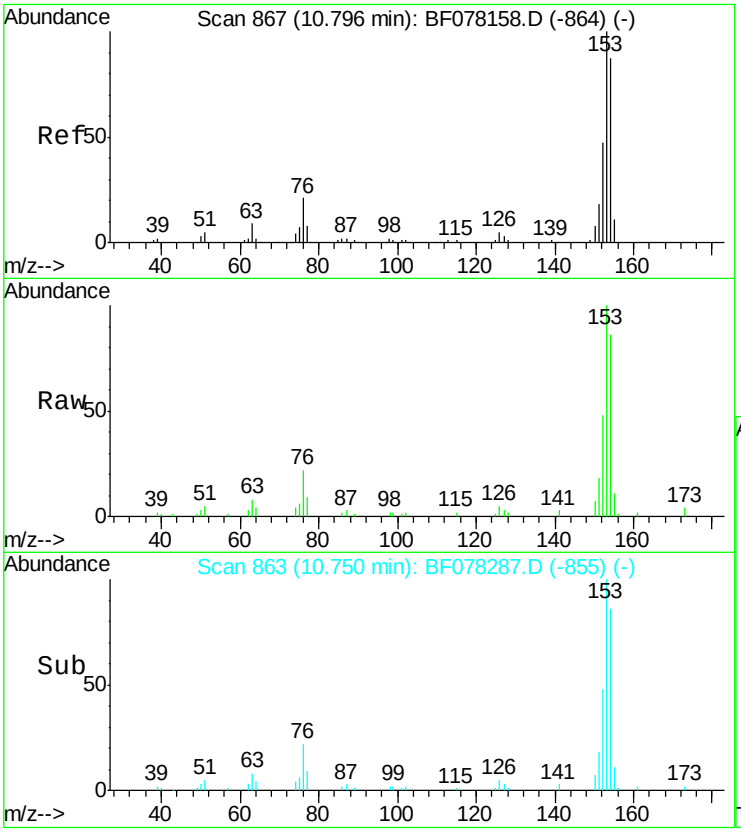


#49
Dimethylphthalate
Concen: 4.05 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:163 Resp: 24886

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	9.3	8.6	13.0



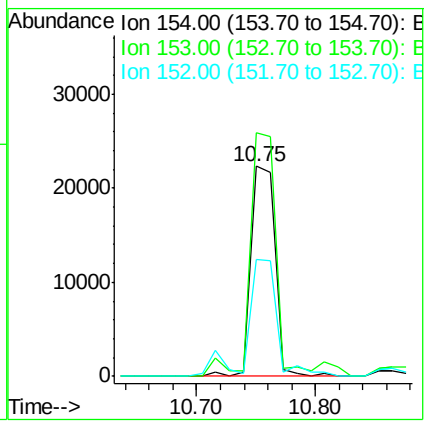


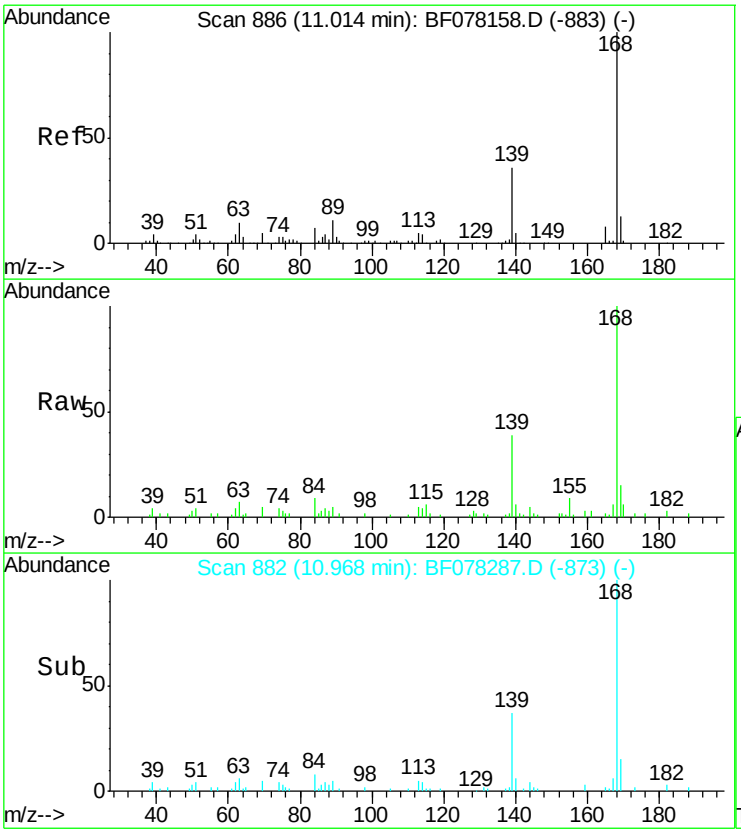
#51
Acenaphthene
Concen: 6.64 ng
RT: 10.75 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:154 Resp: 31811

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.4	137.2
152	55.6	43.0	64.6

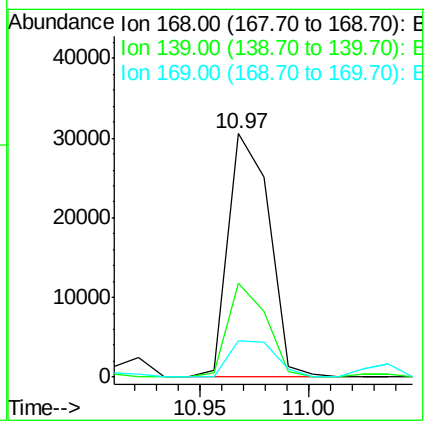


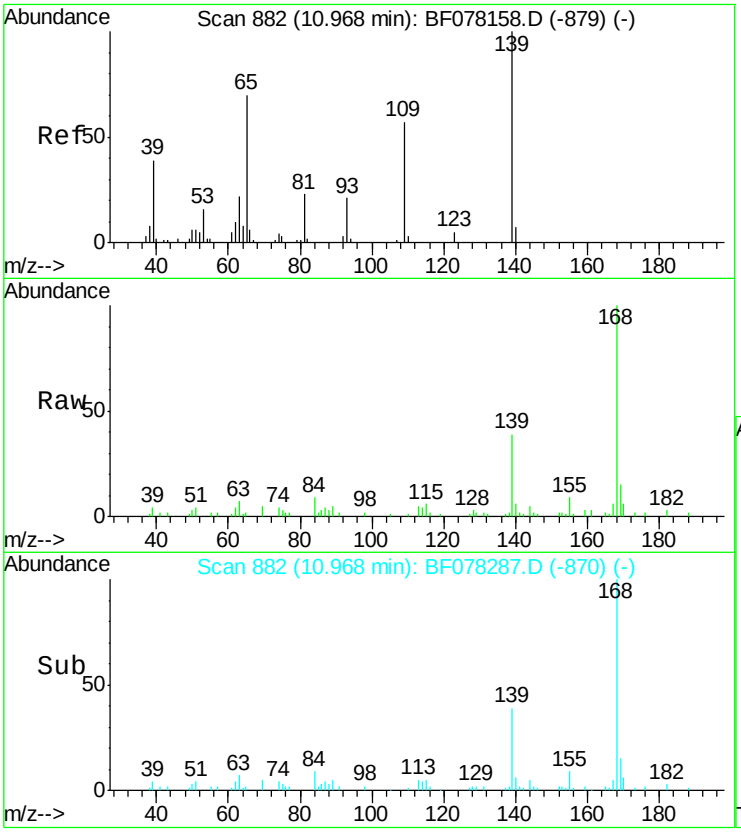


#54
Dibenzofuran
Concen: 5.45 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:168 Resp: 39891

Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.0	46.4
169	14.8	10.7	16.1



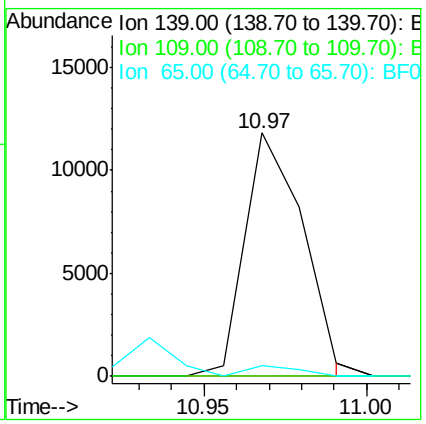


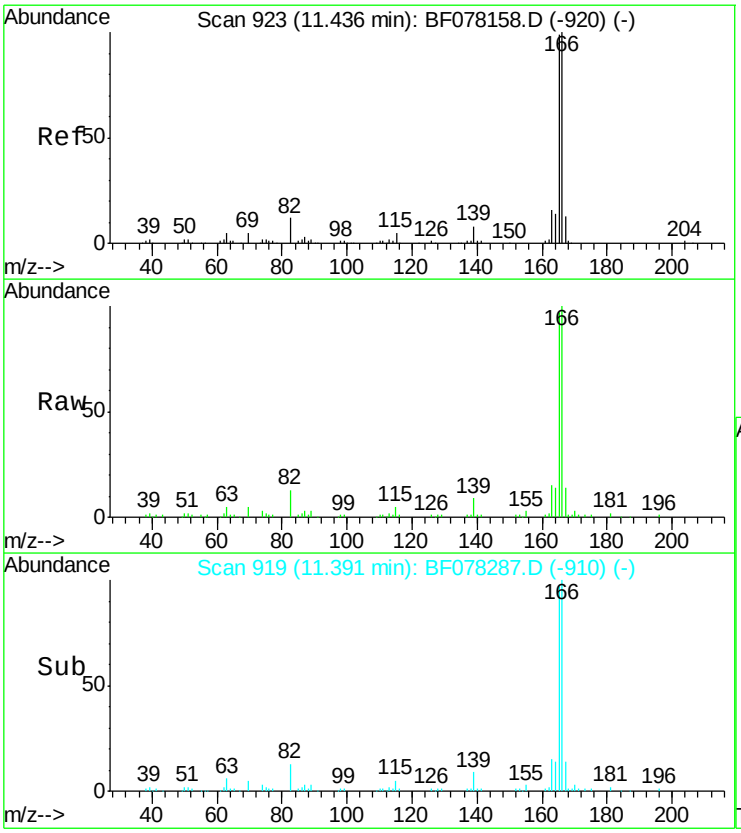
#55
4-Nitrophenol
Concen: 15.98 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.03 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:139 Resp: 14507

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	4.2	49.9	89.9#

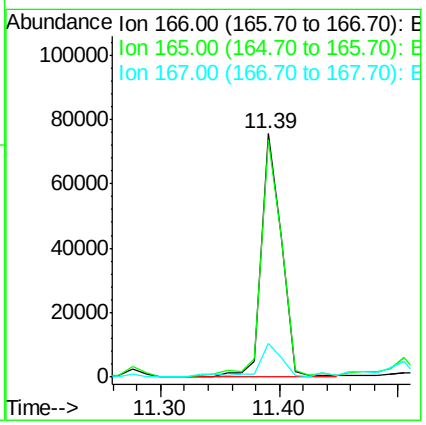


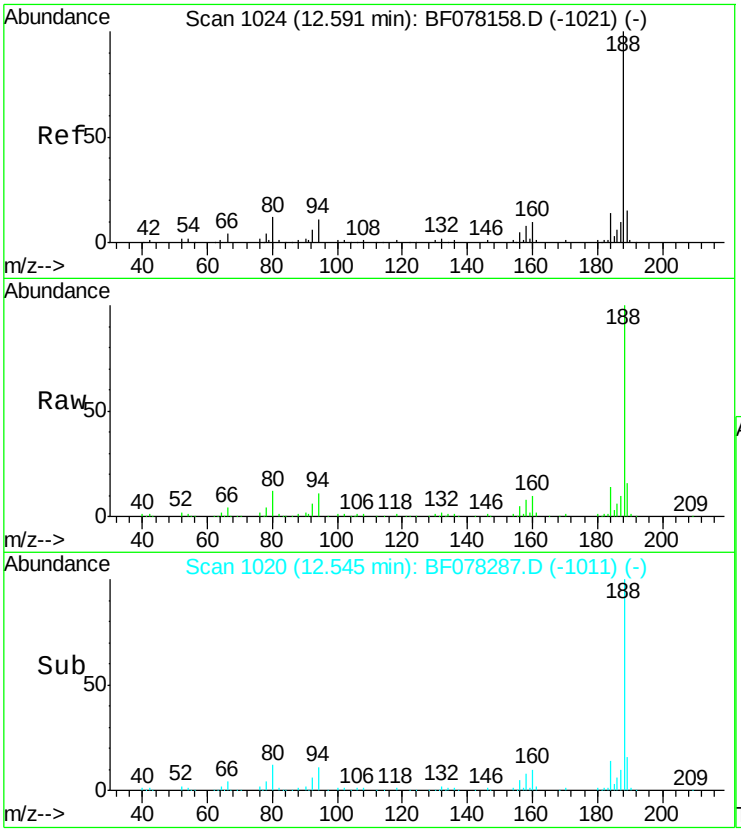


#57
Fluorene
Concen: 15.08 ng
RT: 11.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:166 Resp: 89469

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.9	118.3
167	14.0	10.7	16.1



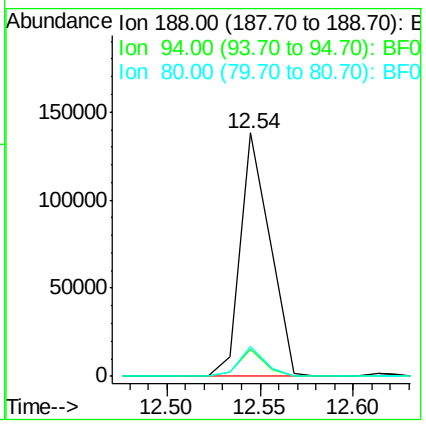


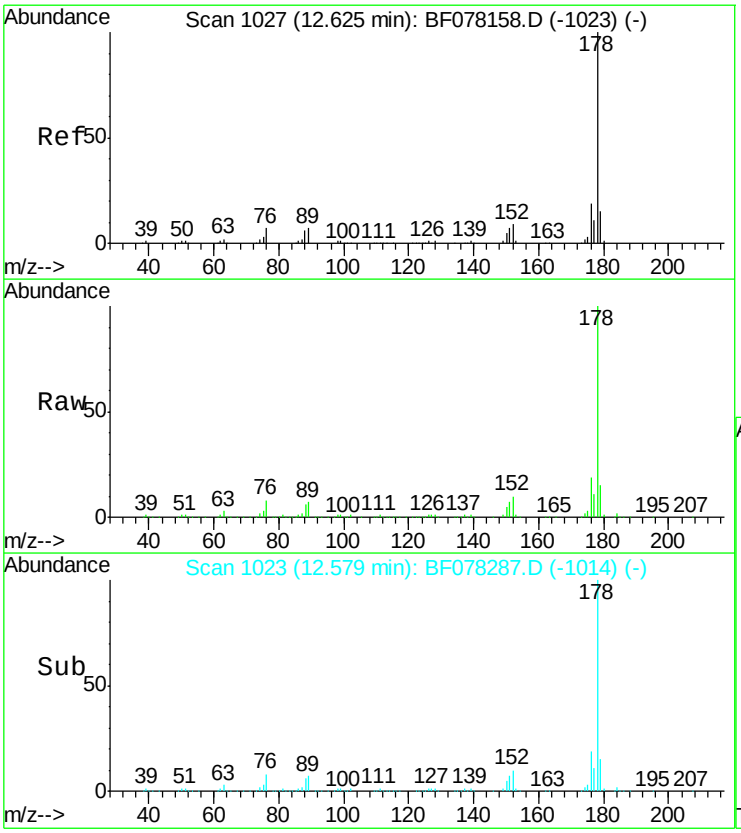
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:188 Resp: 152986

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.0	9.5	14.3

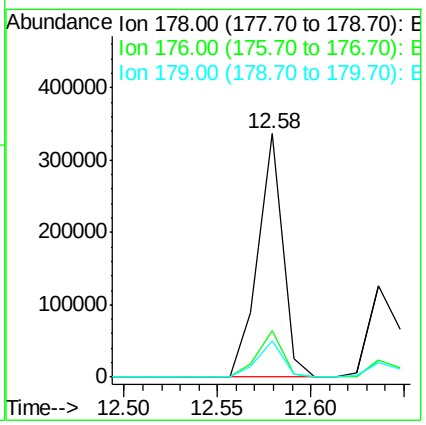


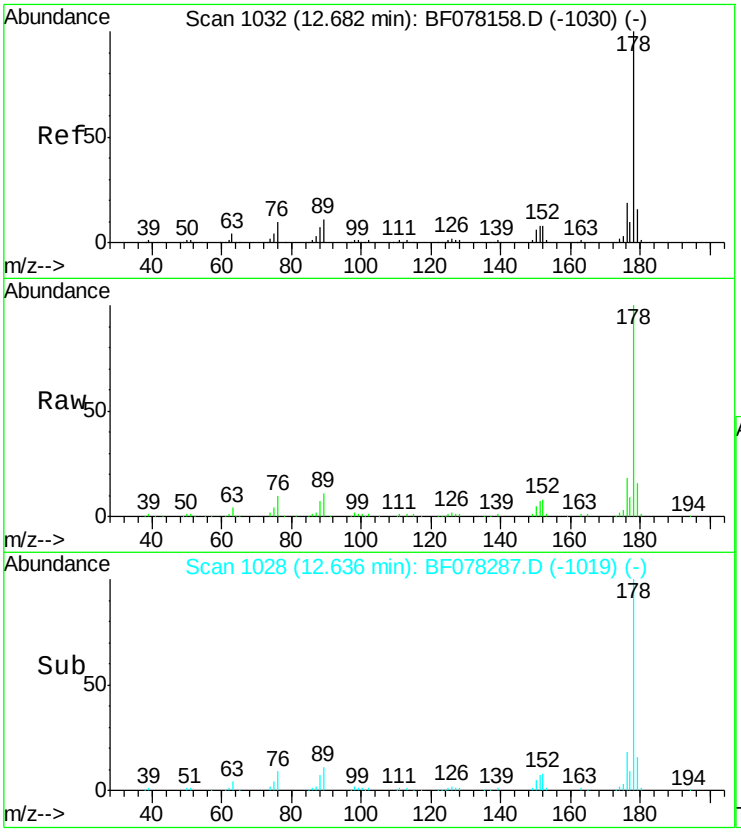


#70
Phenanthrene
Concen: 35.30 ng
RT: 12.58 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:178 Resp: 312424

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.1	12.2	18.2



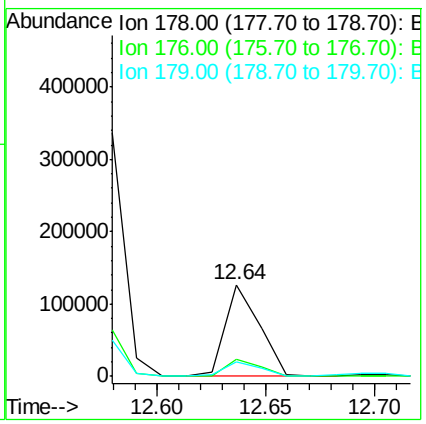


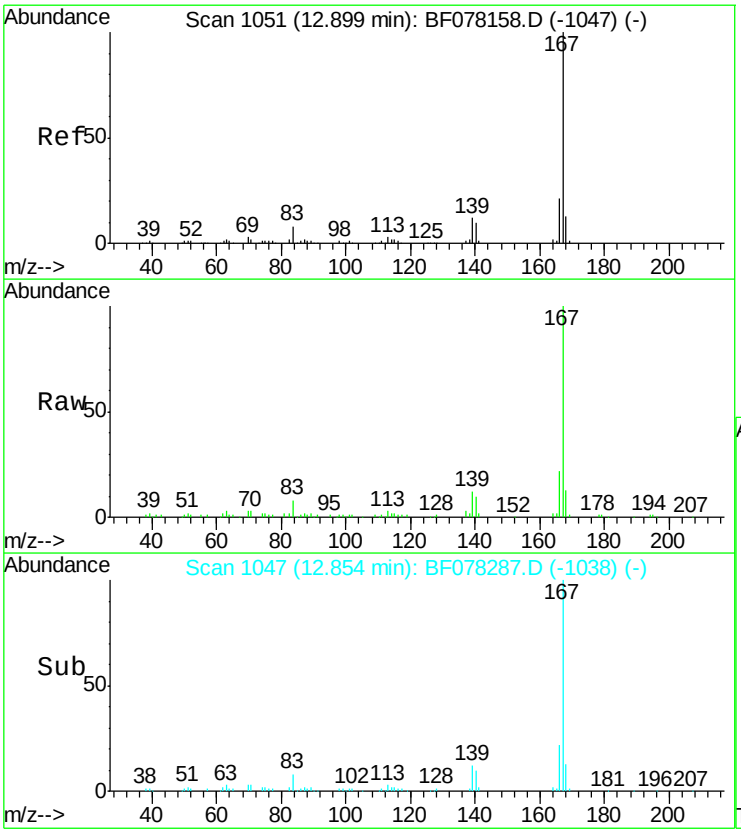
#71
Anthracene
Concen: 15.59 ng
RT: 12.64 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:178 Resp: 135929

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	16.1	12.4	18.6

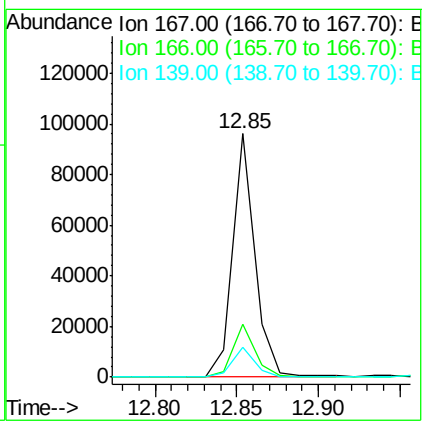


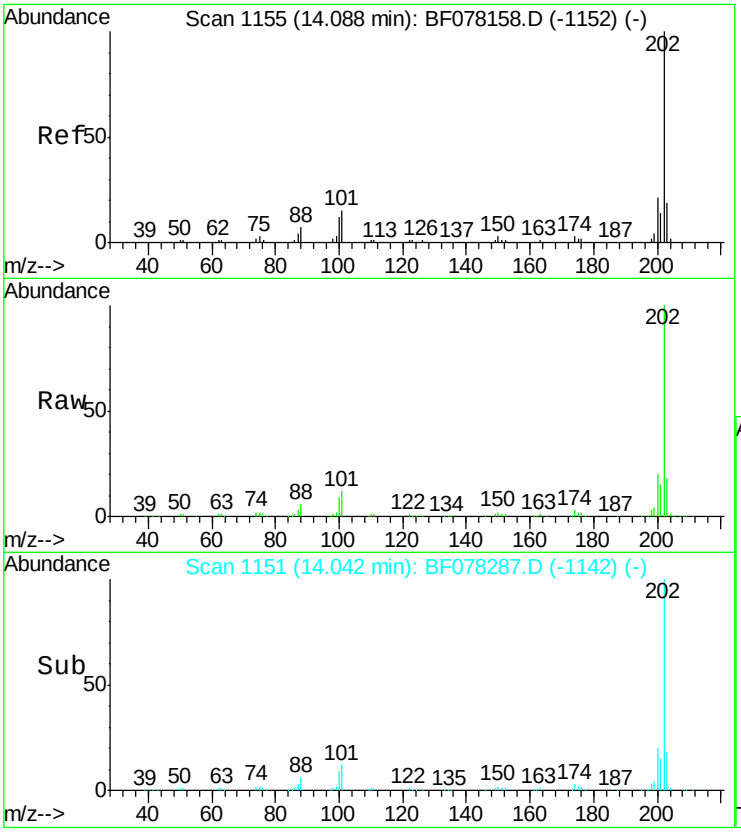


#72
Carbazole
Concen: 10.98 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:167 Resp: 89695

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	12.4	10.0	15.0



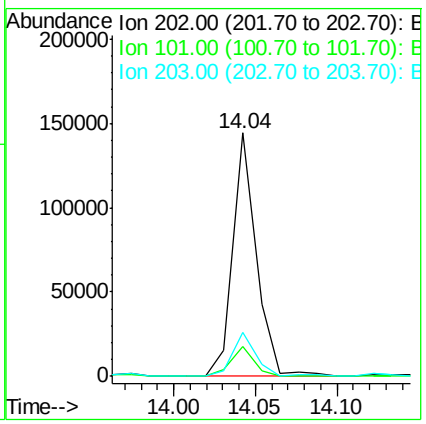


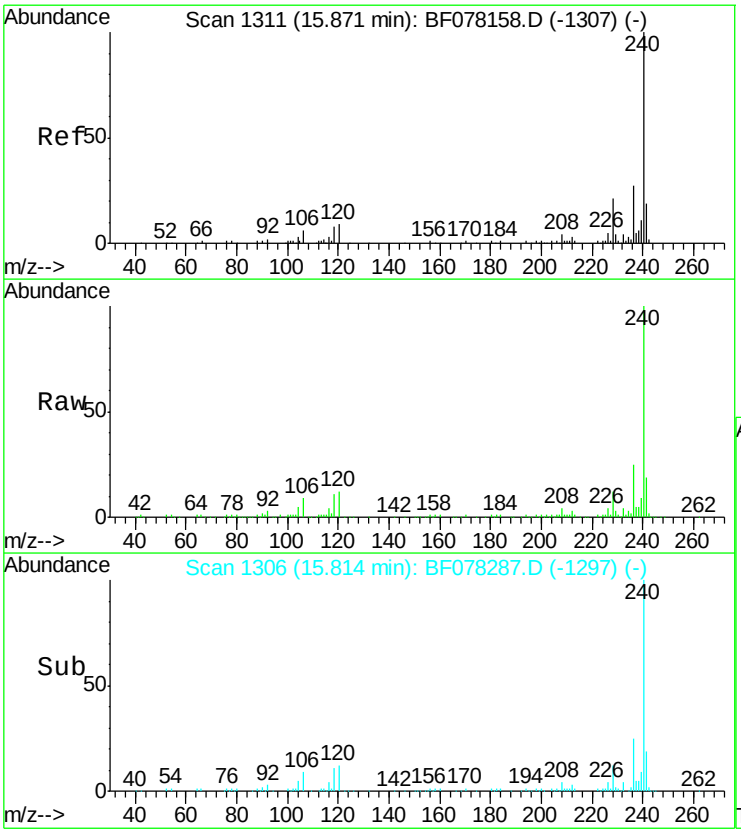
#74
Fluoranthene
Concen: 15.40 ng
RT: 14.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:202 Resp: 143760

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	35.2
203	17.8	0.0	38.5

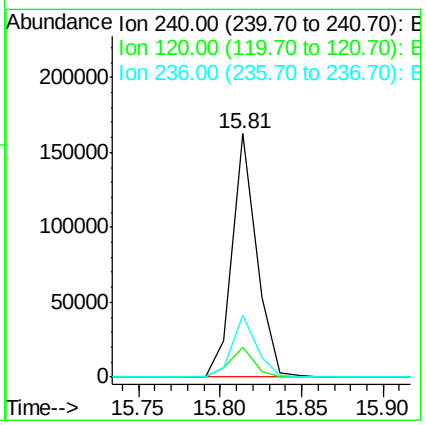


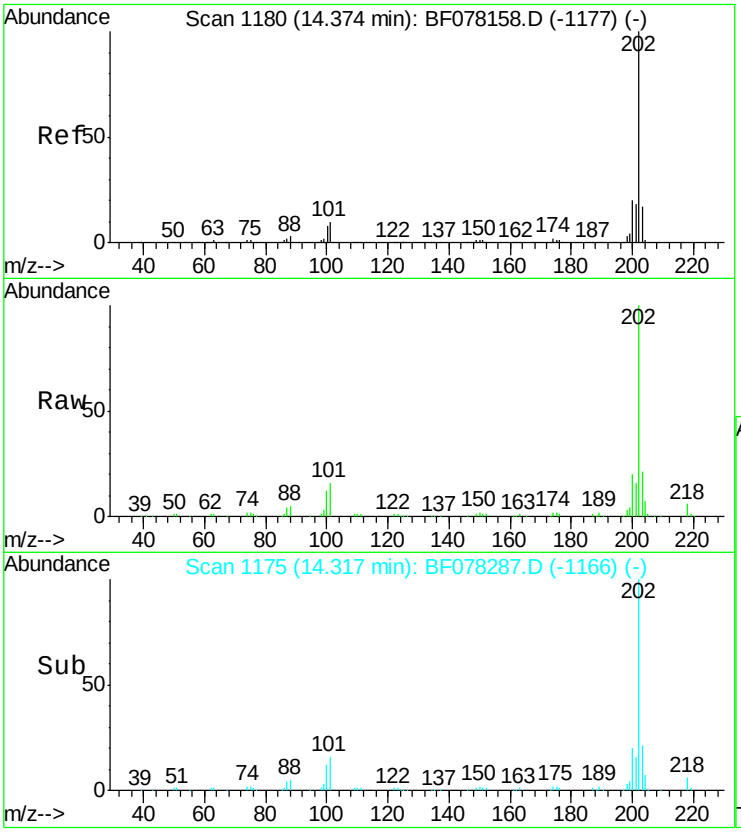


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:240 Resp: 168161

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.1	10.7#
236	25.4	21.4	32.2



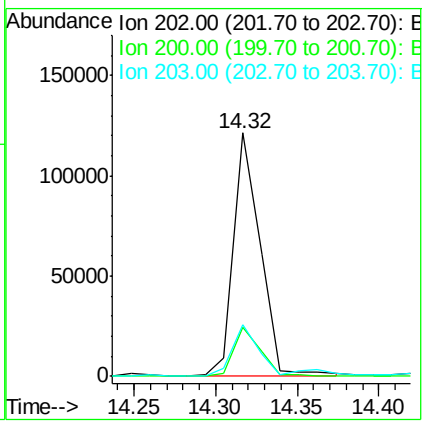


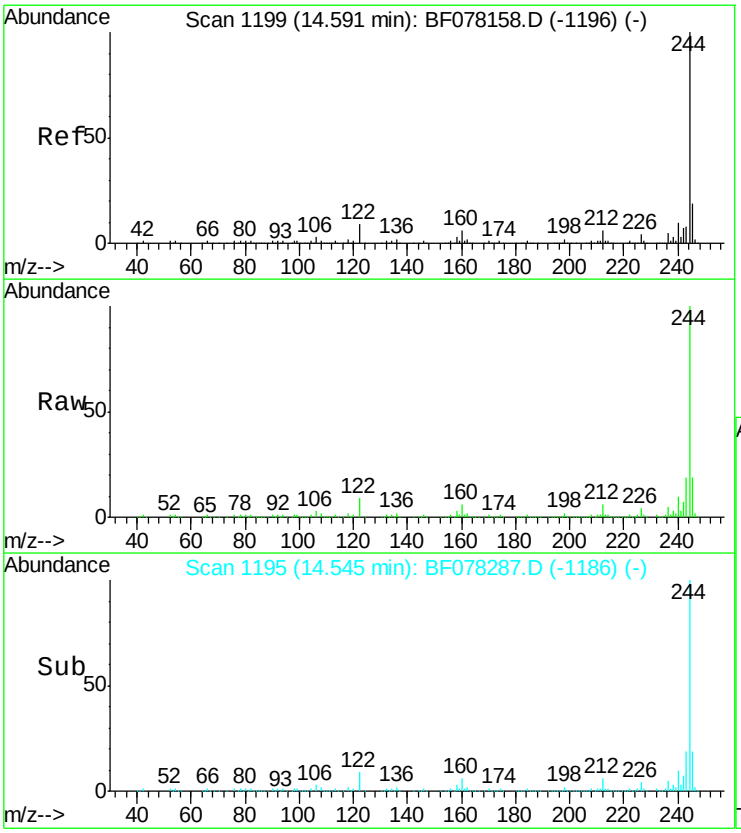
#77
Pyrene
Concen: 12.88 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:202 Resp: 136000

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	21.2	13.8	20.6#

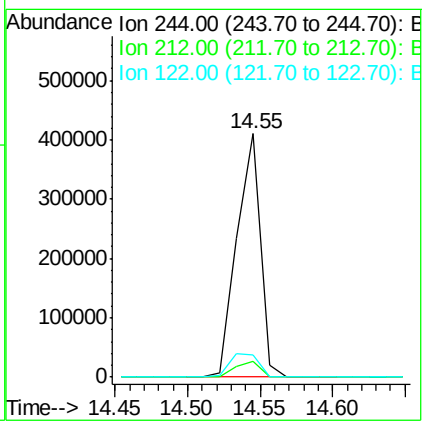


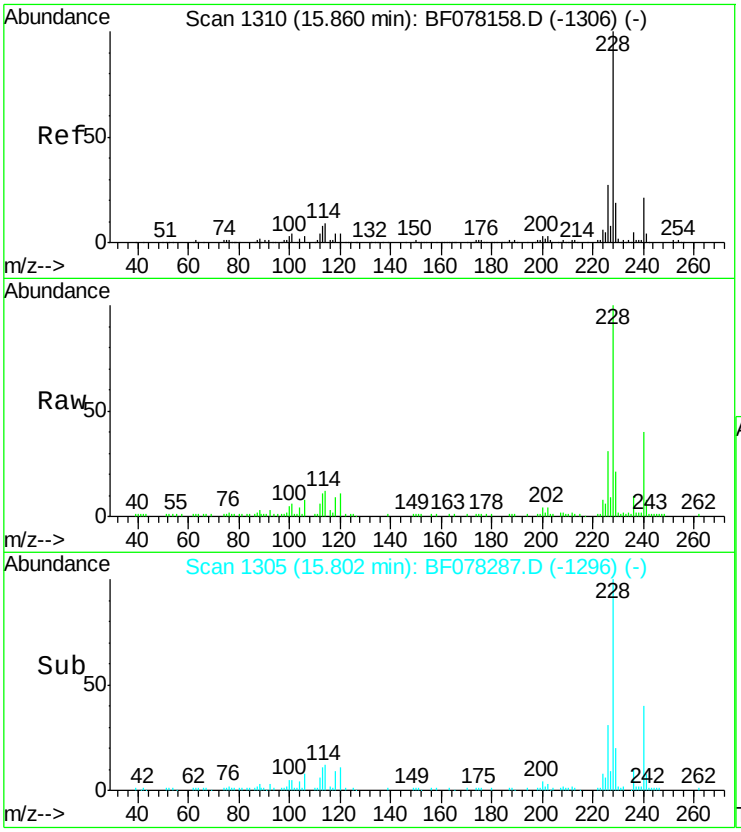


#78
Terphenyl-d14
Concen: 62.21 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:244 Resp: 462938

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	8.9	7.1	10.7



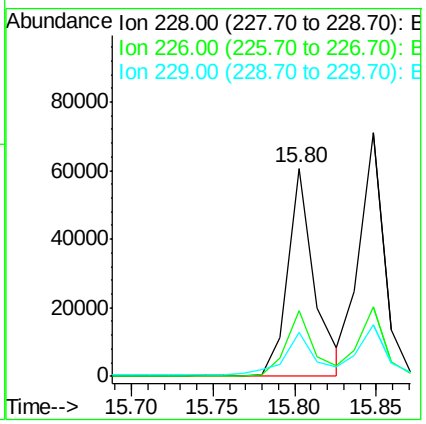


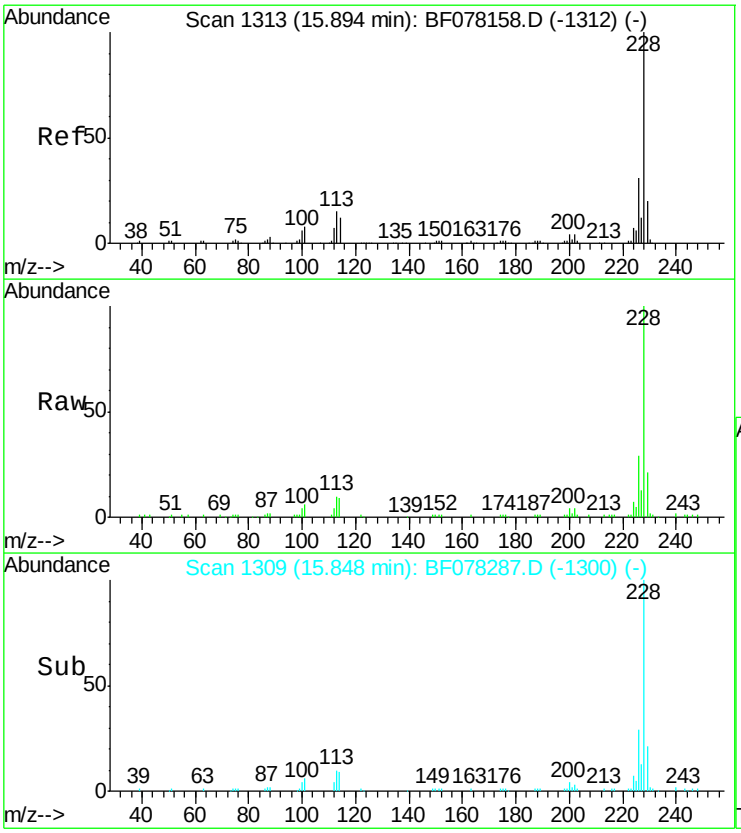
#80
Benzo(a)anthracene
Concen: 6.95 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:228 Resp: 69553

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.3	31.9
229	20.9	15.4	23.2

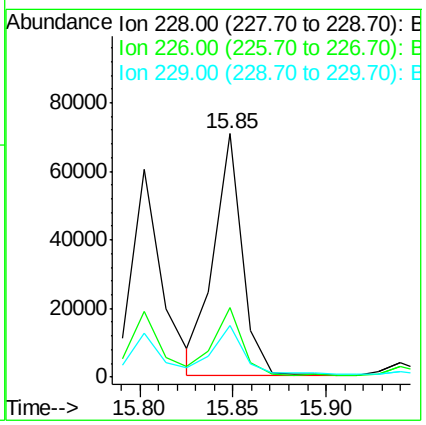


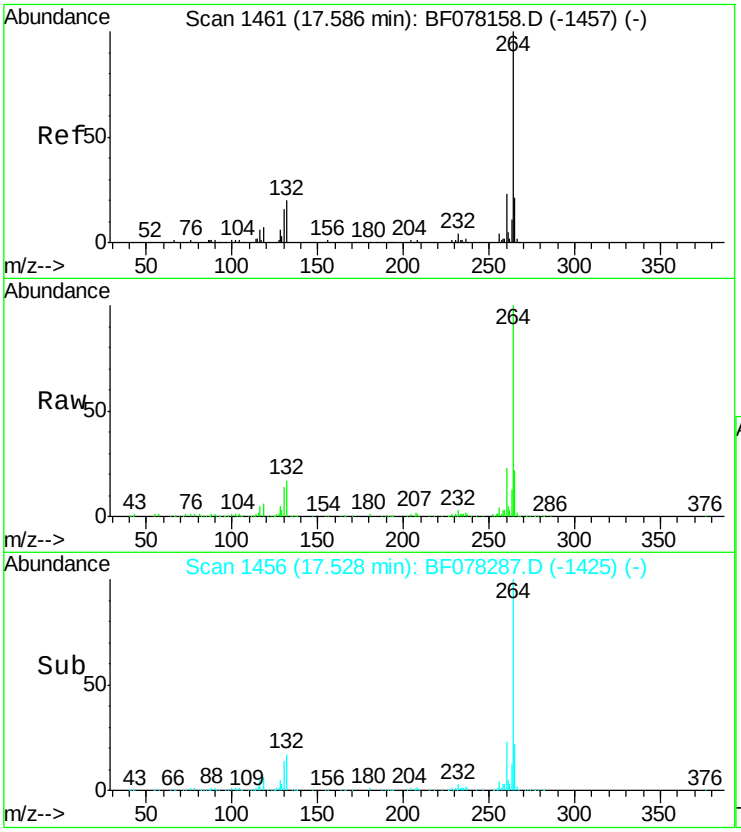


#82
Chrysene
Concen: 8.02 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:228 Resp: 75364

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.4
229	21.4	15.8	23.8



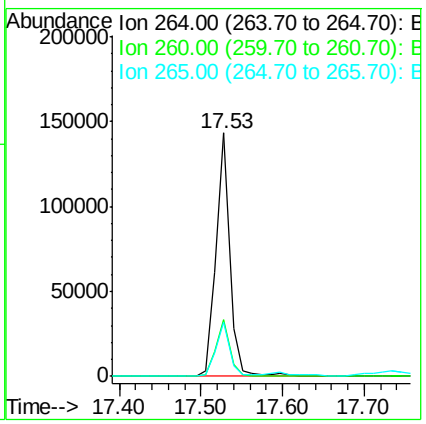


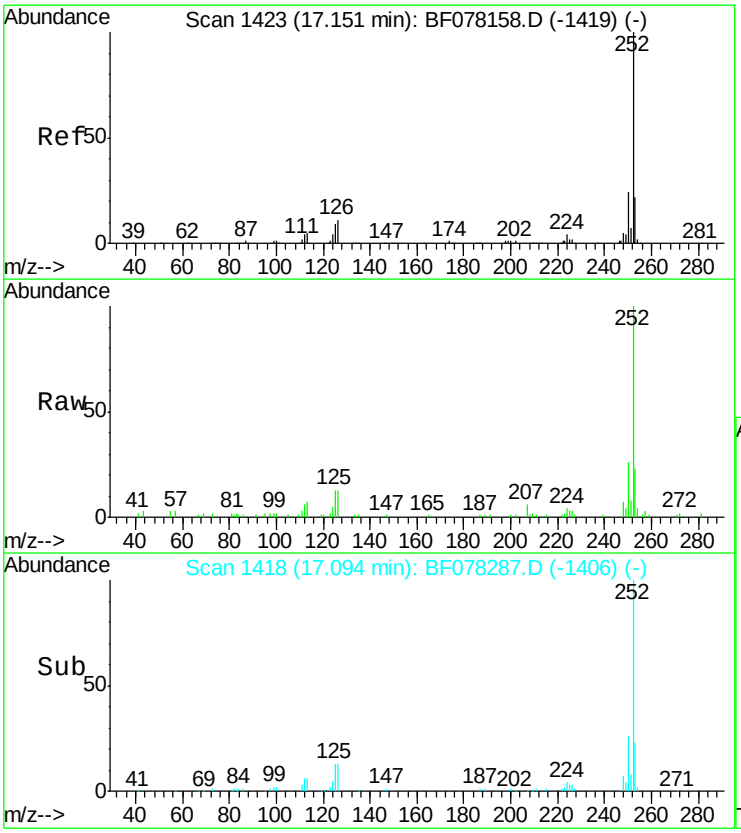
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.53 min Scan# 1456
Delta R.T. 0.06 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:264 Resp: 169099

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	17.0	25.6

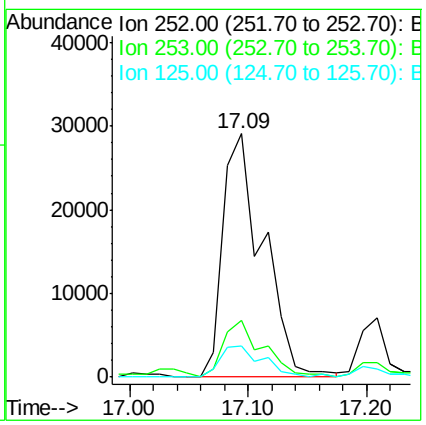


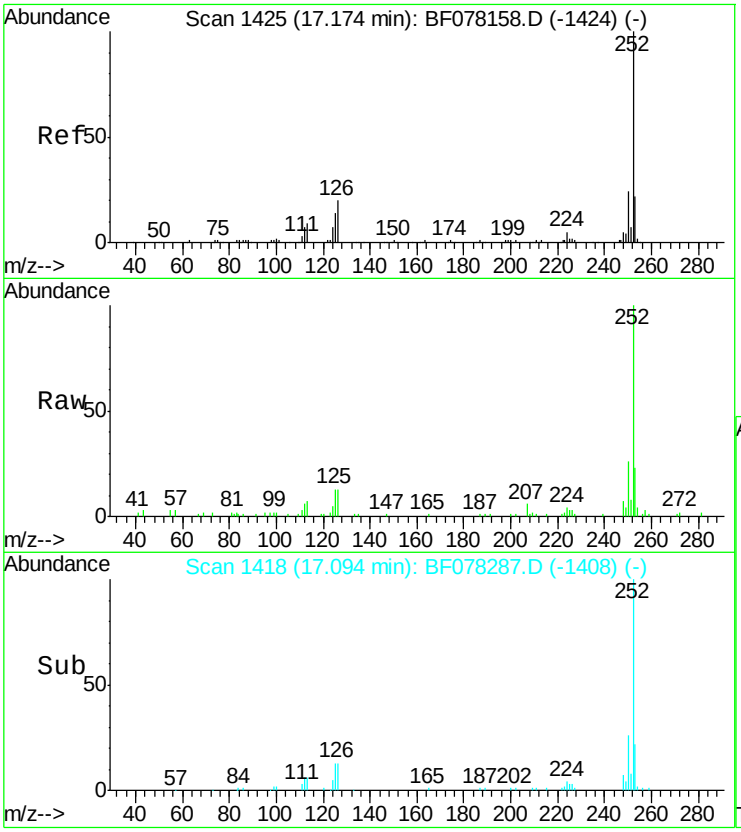


#87
Benzo(b)fluoranthene
Concen: 6.53 ng
RT: 17.09 min Scan# 1418
Delta R.T. 0.03 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:252 Resp: 68207

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.6	7.0	10.4#



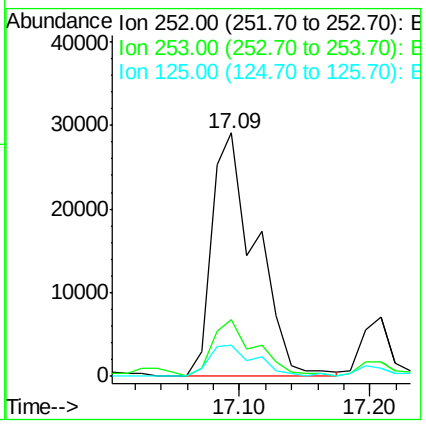


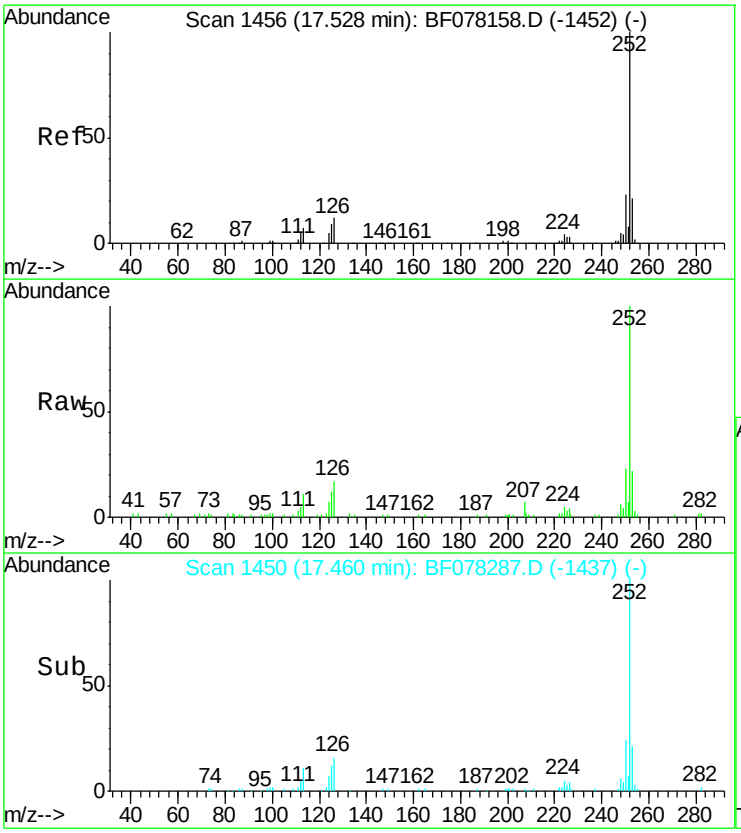
#88
Benzo(k)fluoranthene
Concen: 7.34 ng
RT: 17.09 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:252 Resp: 68205

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.6	11.6	17.4

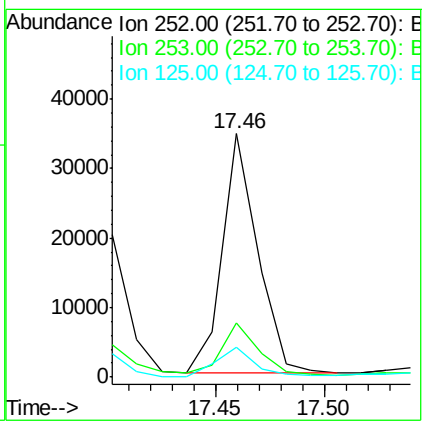


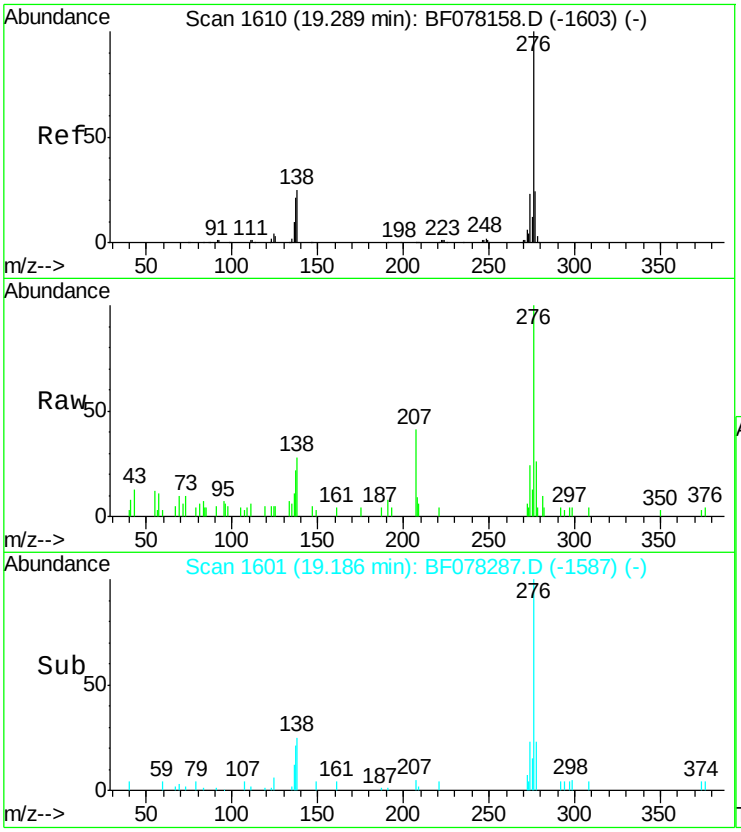


#89
Benzo(a)pyrene
Concen: 4.22 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.05 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Tgt Ion:252 Resp: 38520

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	12.0	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 2.10 ng
RT: 19.19 min Scan# 1601
Delta R.T. 0.06 min
Lab File: BF078287.D
Acq: 7 Apr 2015 7:02

Instrument :
BNA_F
ClientSampleId :
DCW-WC-065-40115

Tgt Ion:276 Resp: 19239

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.4
138	28.4	19.9	29.9