Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078591.D
Acq On : 17 Apr 2015 5:09
Operator : TP/IZ
Sample : G1828-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB06BDL

Quant Time: Apr 17 05:09:12 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 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	24465	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	100094	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	53912	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	113242	20.00	ng		0.00
75) Chrysene-d12	15.49	240	128123	20.00	ng		-0.01
86) Perylene-d12	17.12	264	130704	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	25831	17.41	ng		0.00
7) Phenol-d6	6.30	99	37326	20.07	ng		0.00
23) Nitrobenzene-d5	7.39	82	20169	12.21	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	8683	19.42	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	48293	12.80	ng		0.00
78) Terphenyl-d14	14.23	244	62705	11.06	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	10.46	154	6955	2.20	ng		98
55) 4-Nitrophenol	10.67	139	1832	5.30	ng	#	18
57) Fluorene	11.10	166	8406	2.15	ng		99
70) Phenanthrene	12.27	178	111618	17.04	ng		99
71) Anthracene	12.33	178	21334	3.31	ng		97
74) Fluoranthene	13.73	202	187722	27.17	ng		96
77) Pyrene	14.00	202	154843	19.25	ng	#	95
80) Benzo(a)anthracene	15.47	228	70410	9.24	ng		97
82) Chrysene	15.52	228	65839	9.19	ng		97
85) Indeno(1,2,3-cd)pyrene	18.26	276	42379	5.21	ng	#	78
87) Benzo(b)fluoranthene	16.72	252	120883	14.96	ng	#	98
88) Benzo(k)fluoranthene	16.72	252	121654	16.95	ng	#	96
89) Benzo(a)pyrene	17.06	252	58038	8.23	ng	#	96
91) Benzo(g,h,i)perylene	18.58	276	36569	5.17	ng		95

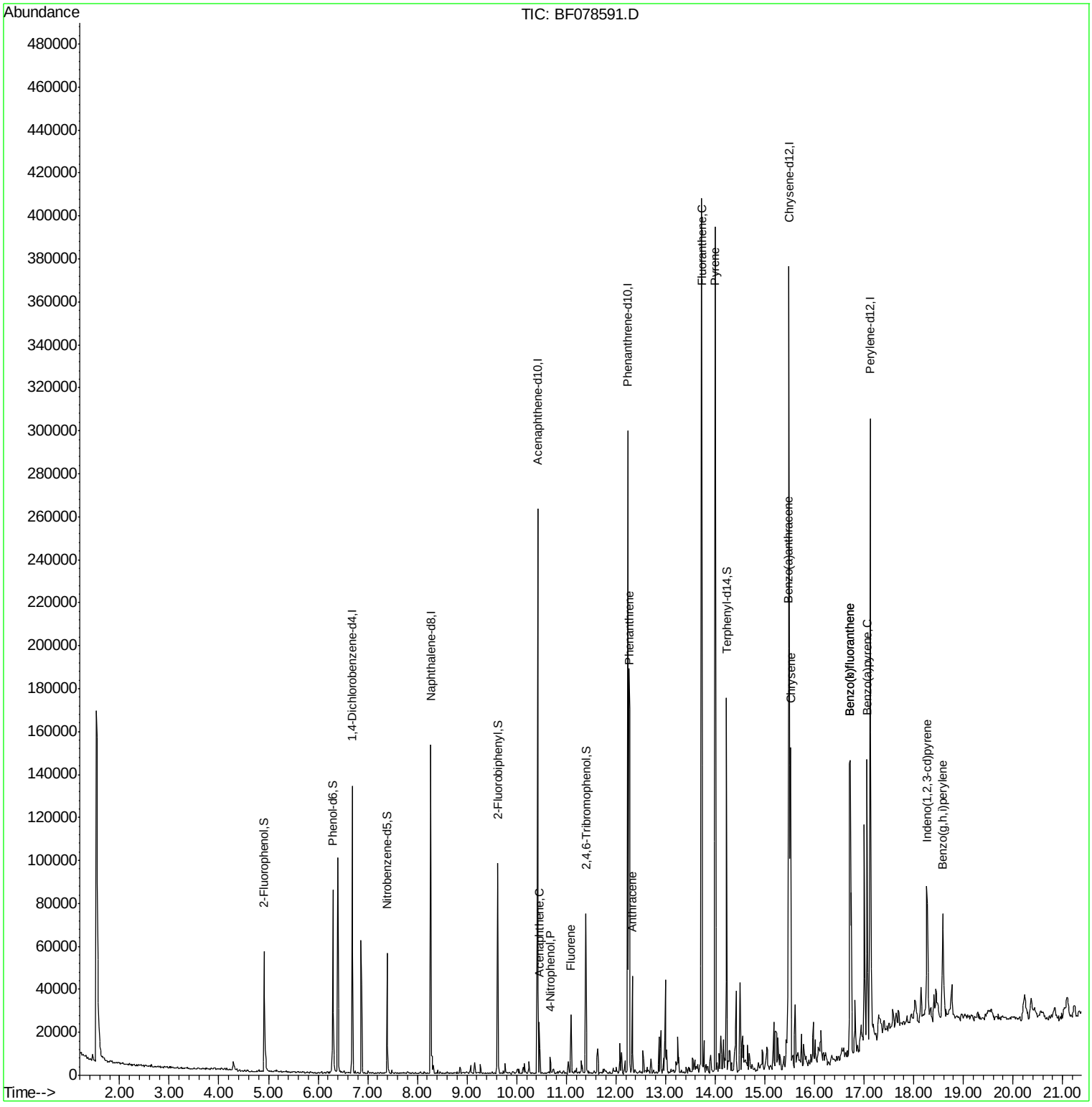
(#) = qualifier out of range (m) = manual integration (+) = signals summed

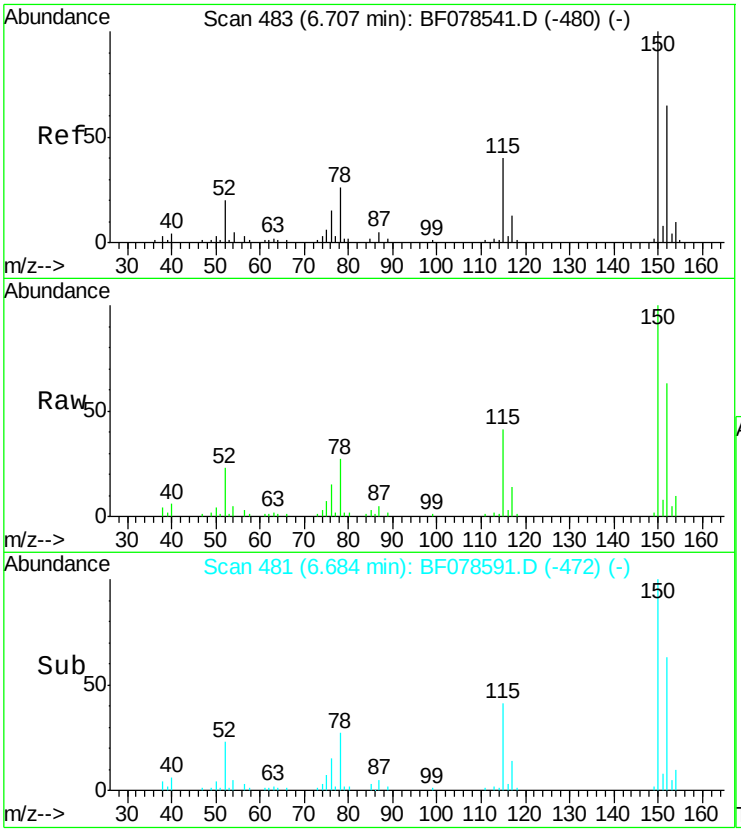
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078591.D
Acq On : 17 Apr 2015 5:09
Operator : TP/IZ
Sample : G1828-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Quant Time: Apr 17 05:09:12 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 03:45:36 2015
Response via : Initial Calibration



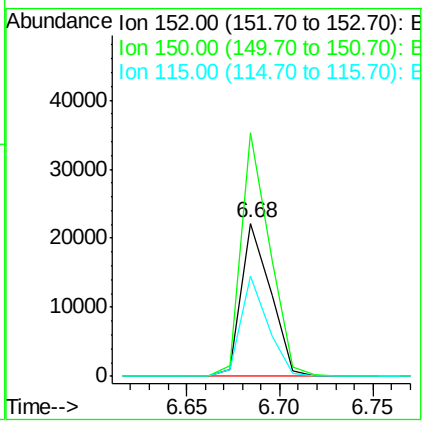


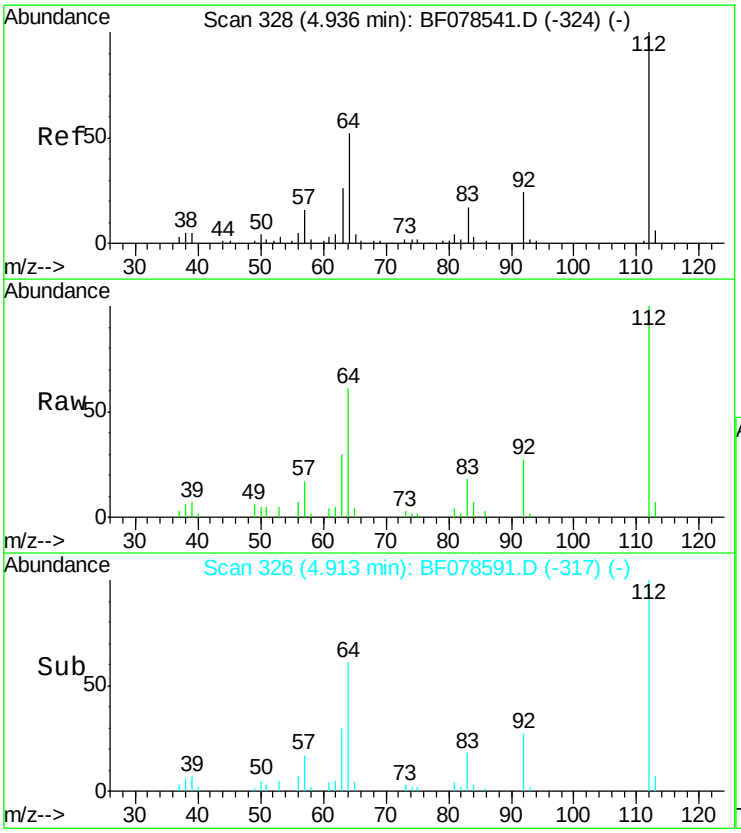
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:152 Resp: 24465

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.9	188.9
115	65.3	52.7	79.1

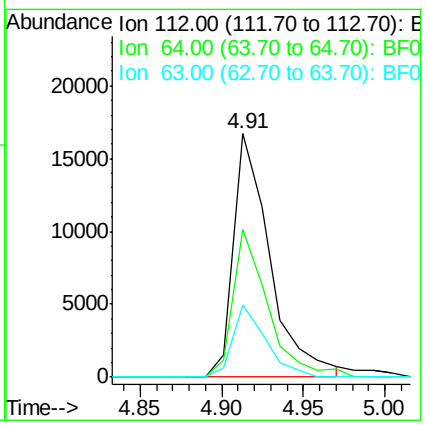


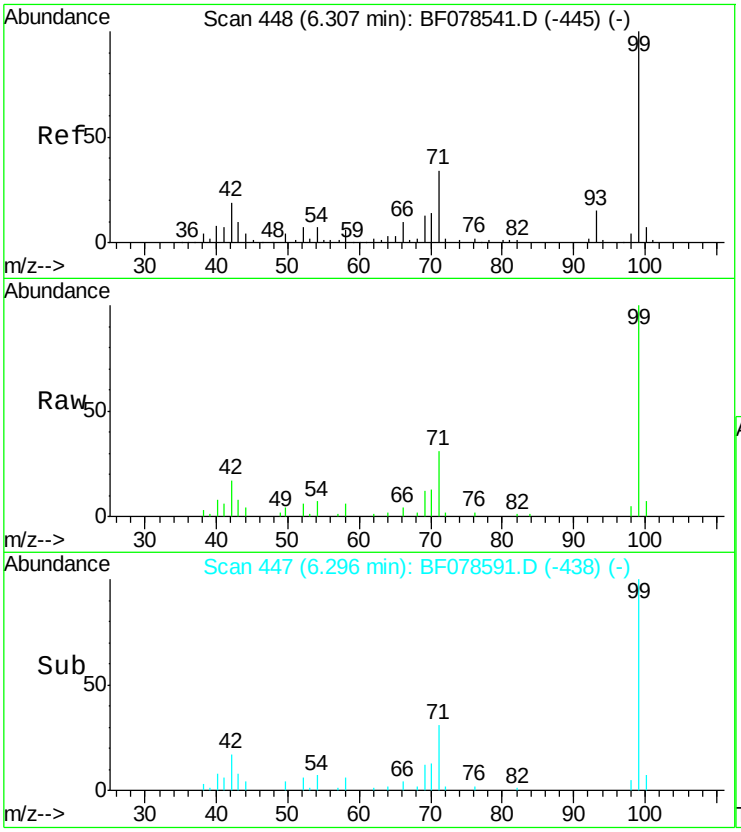


#5
2-Fluorophenol
Concen: 17.41 ng
RT: 4.91 min Scan# 326
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:112 Resp: 25831

Ion	Ratio	Lower	Upper
112	100		
64	60.7	39.9	59.9#
63	29.8	20.2	30.4



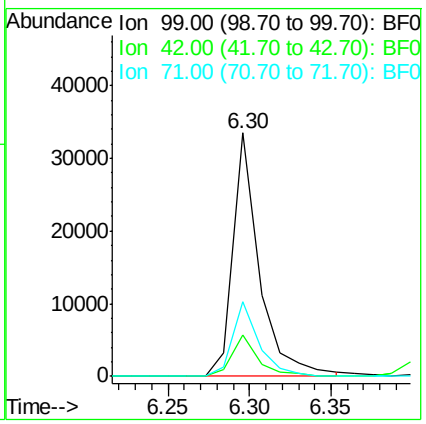


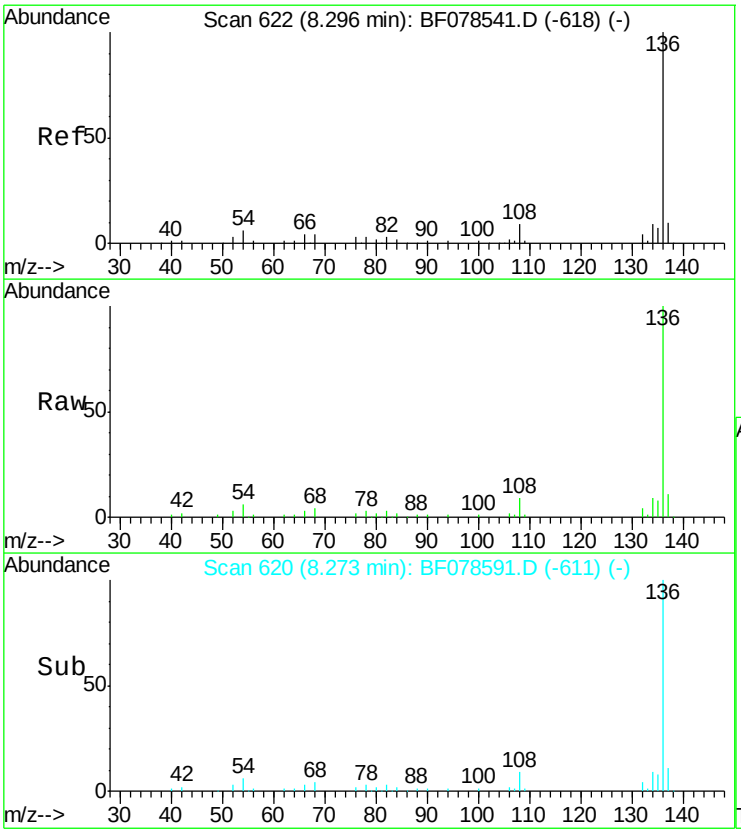
#7
Phenol-d6
Concen: 20.07 ng
RT: 6.30 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion: 99 Resp: 37326

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.8	22.2
71	30.9	26.6	39.8

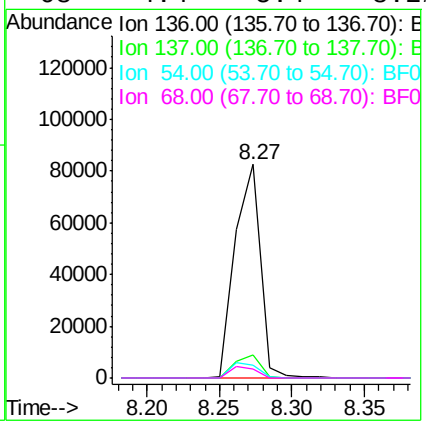


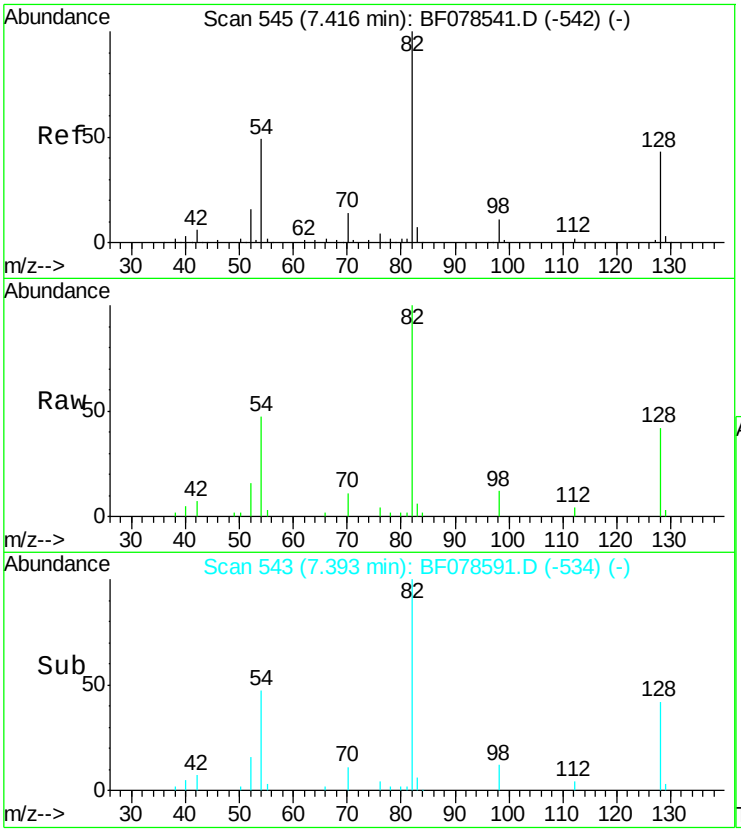


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:136 Resp: 100094

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.8	7.0	10.6#
68	4.4	5.4	8.2#



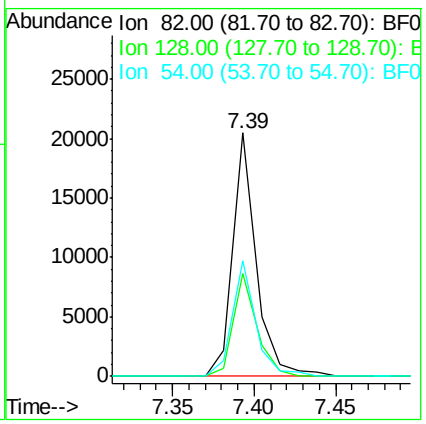


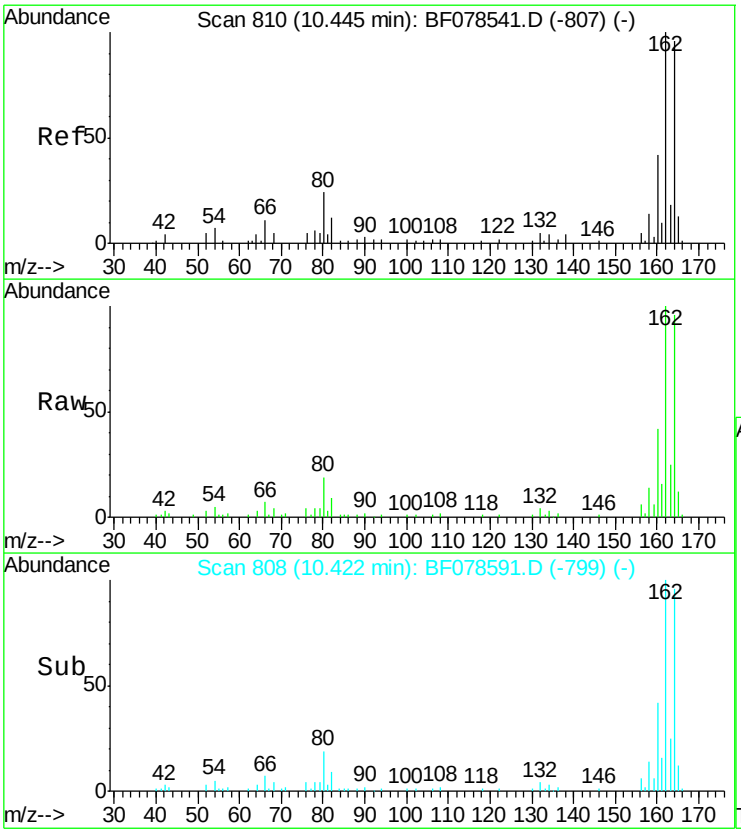
#23
Nitrobenzene-d5
Concen: 12.21 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion: 82 Resp: 20169

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.8
54	47.5	41.5	62.3

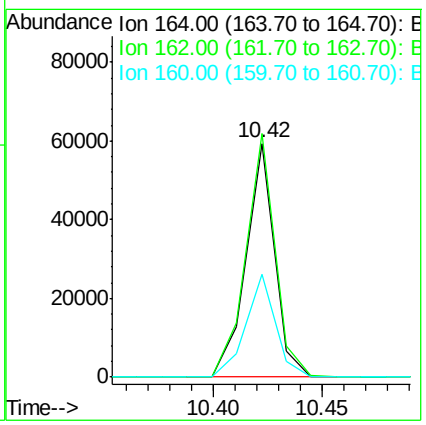


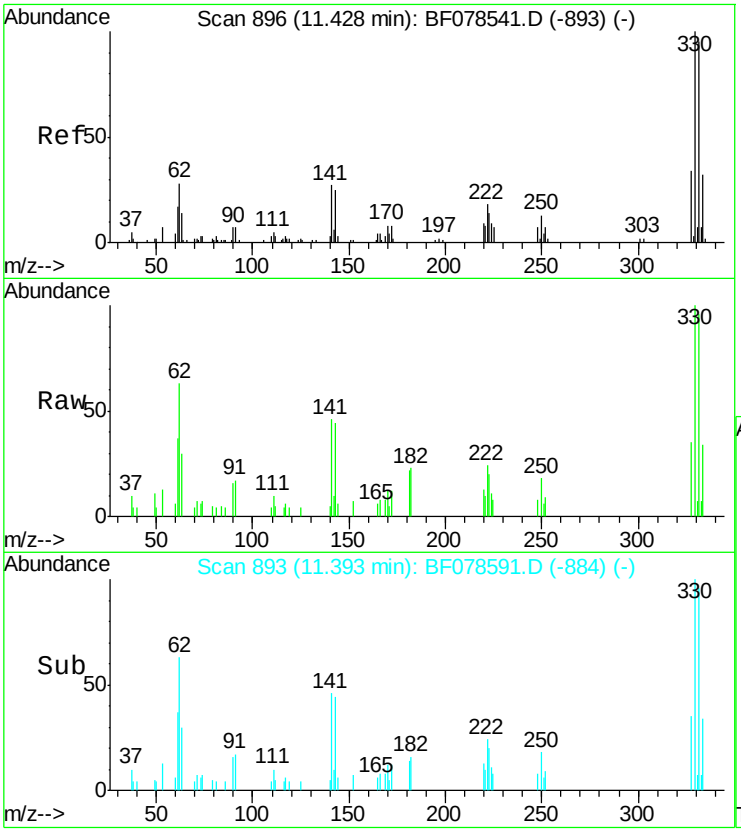


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:164 Resp: 53912

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	44.3	34.7	52.1



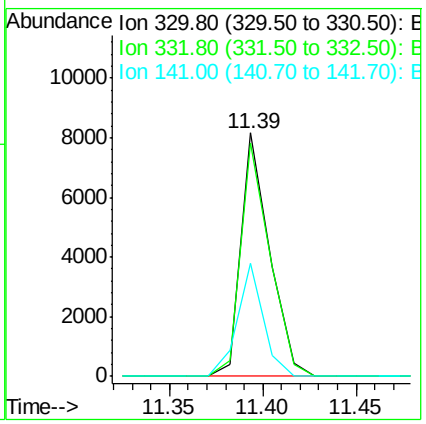


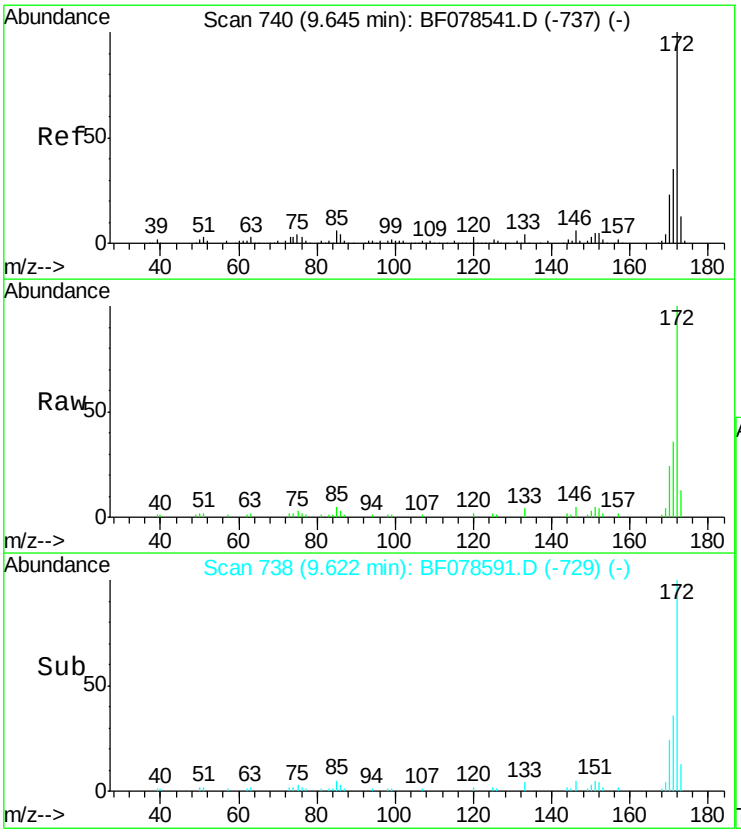
#41
2,4,6-Tribromophenol
Concen: 19.42 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:330 Resp: 8683

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.6	117.8
141	42.4	31.2	46.8

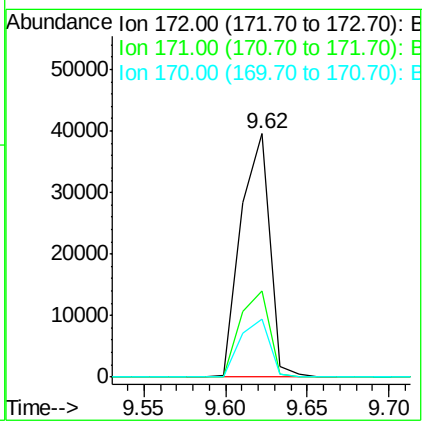


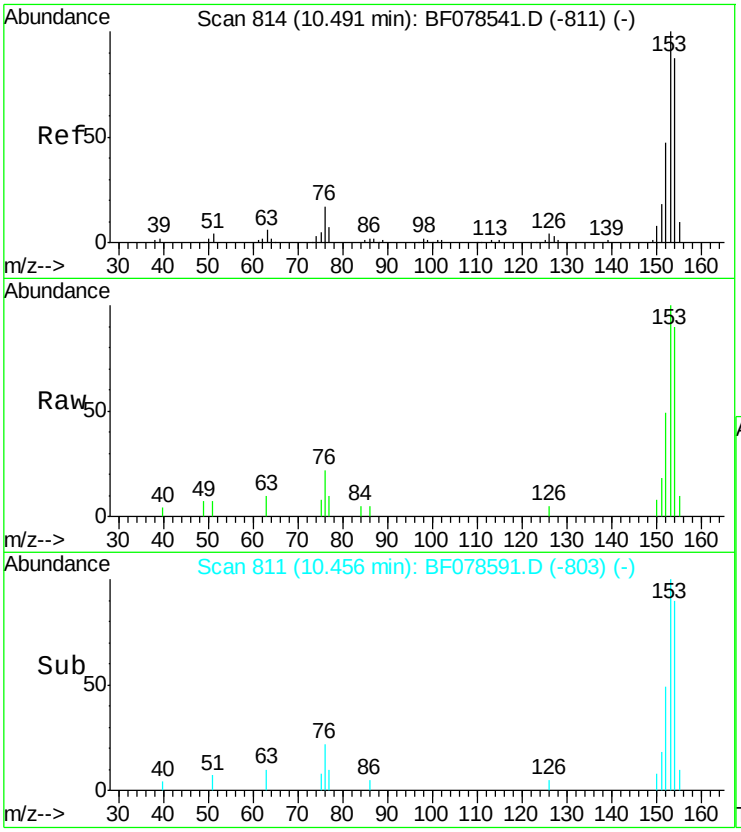


#44
2-Fluorobiphenyl
Concen: 12.80 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:172 Resp: 48293

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.8	18.5	27.7



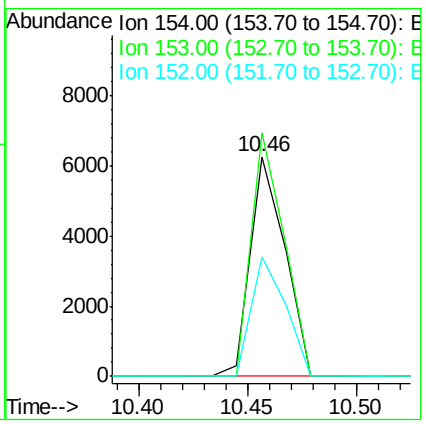


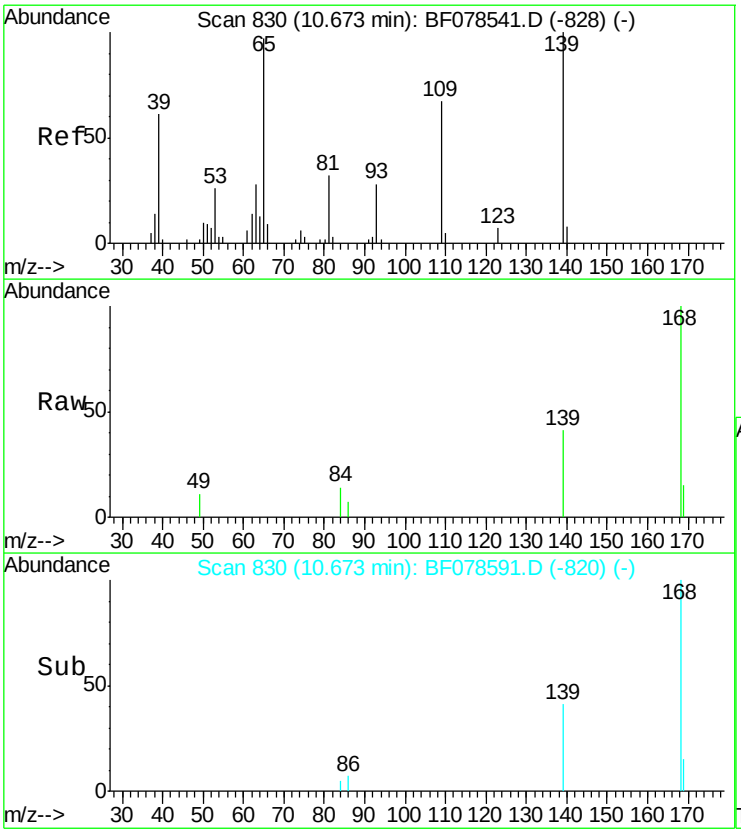
#51
Acenaphthene
Concen: 2.20 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:154 Resp: 6955

Ion	Ratio	Lower	Upper
154	100		
153	110.8	91.4	137.2
152	54.2	43.0	64.6

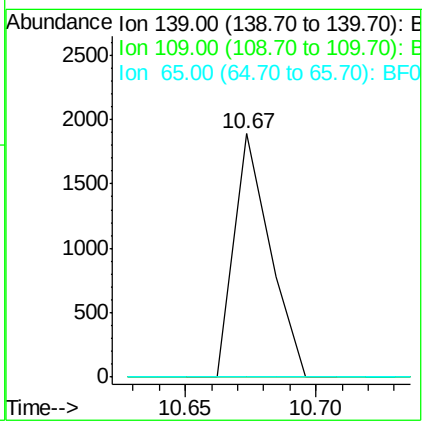


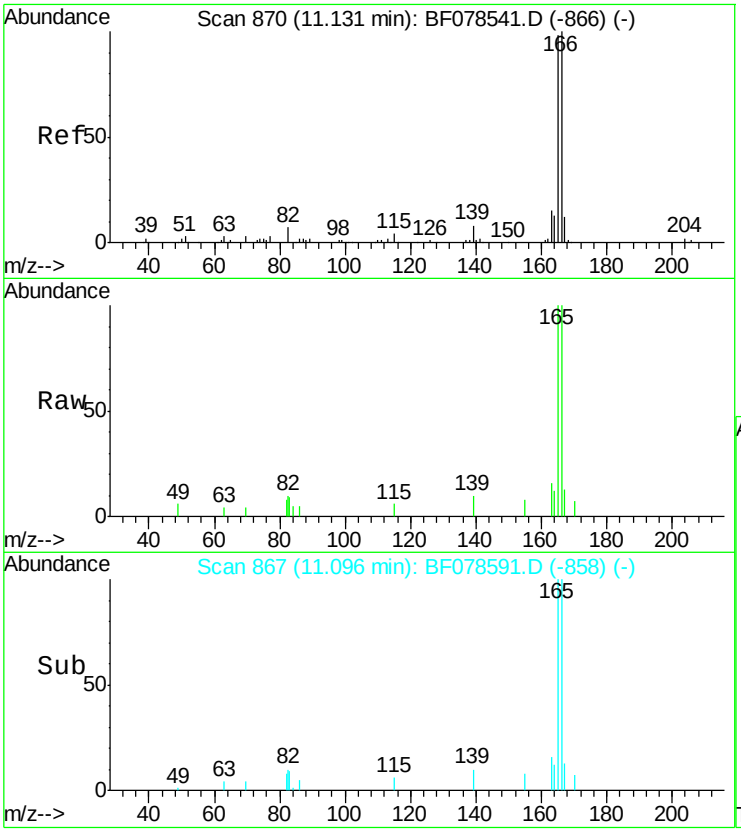


#55
4-Nitrophenol
Concen: 5.30 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:139 Resp: 1832

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



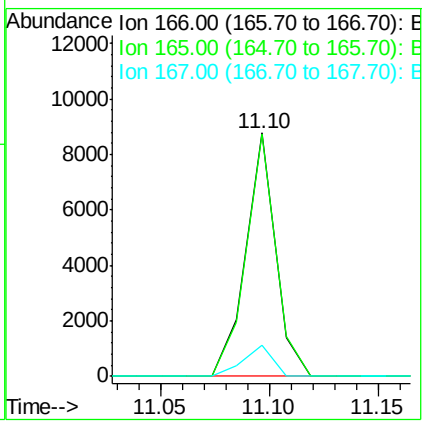


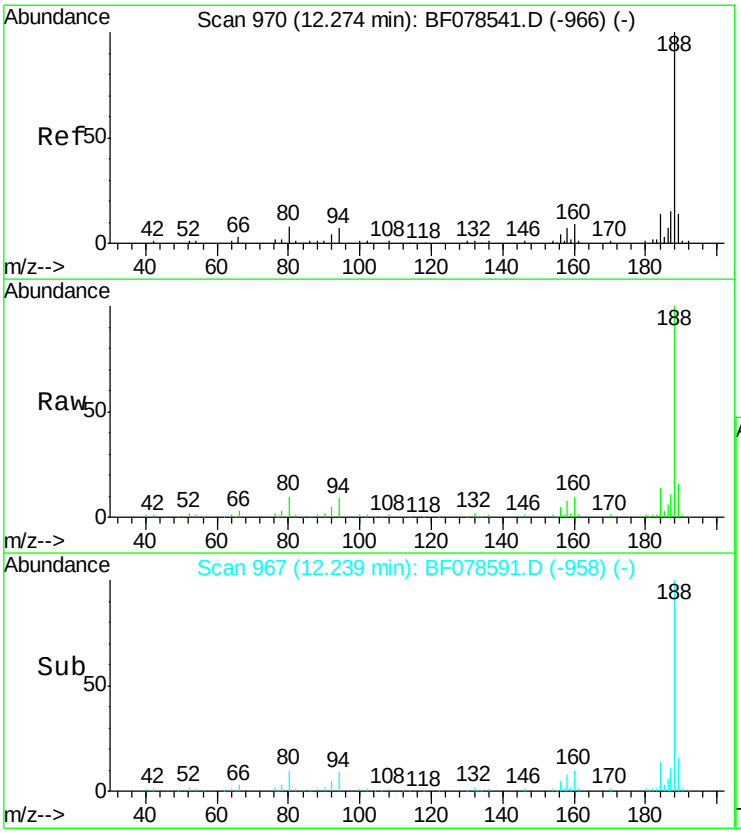
#57
Fluorene
Concen: 2.15 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:166 Resp: 8406

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	12.5	10.7	16.1

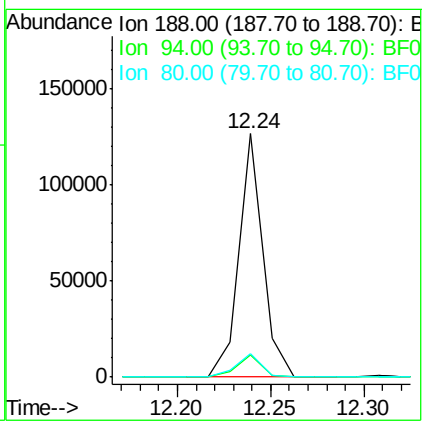


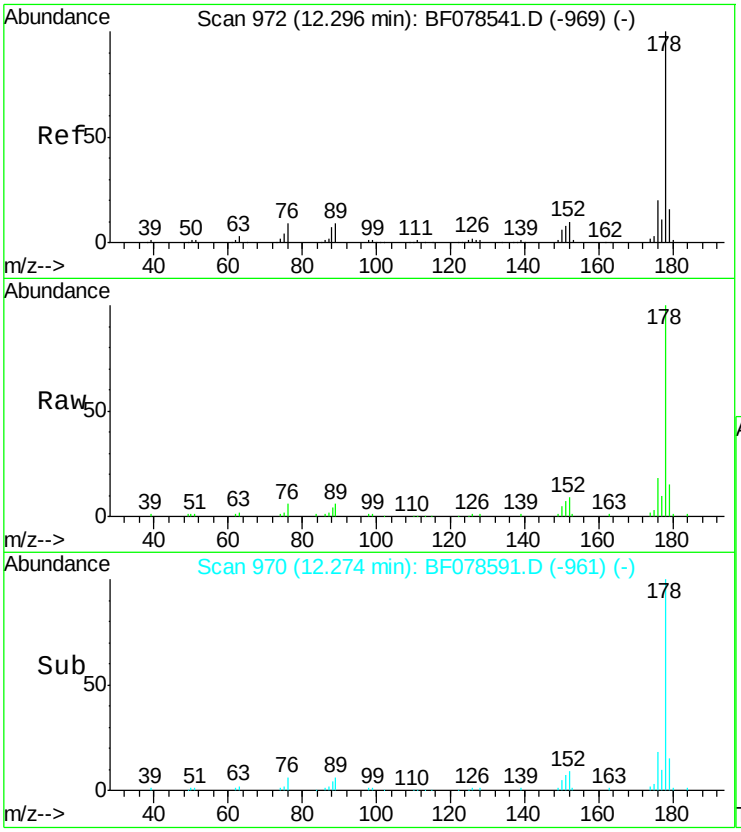


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:188 Resp: 113242

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.7	9.5	14.3



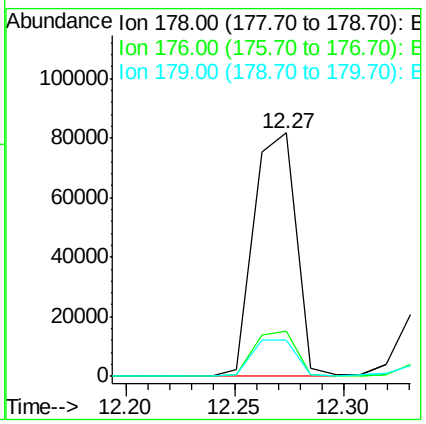


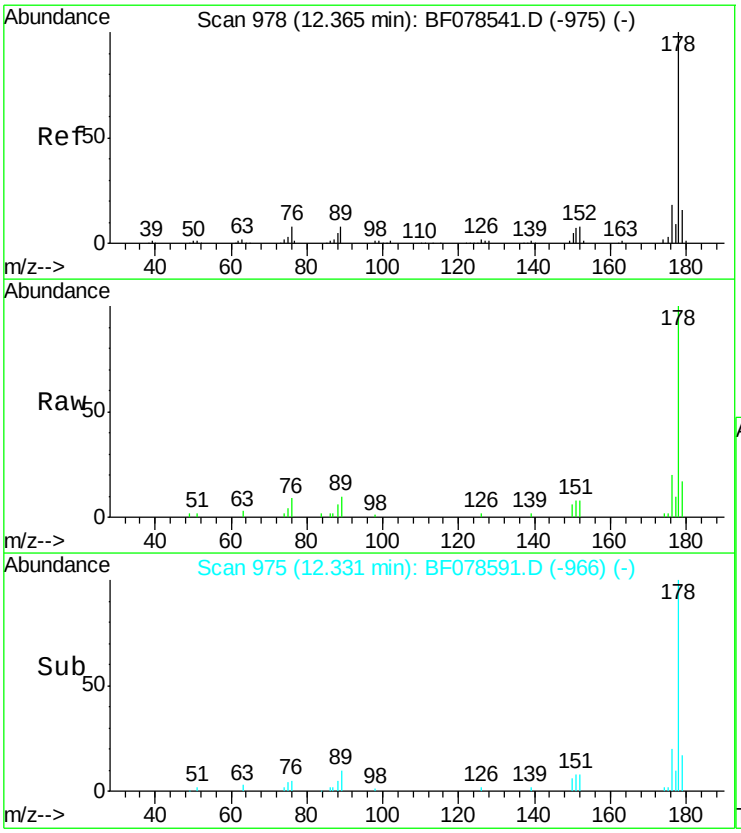
#70
Phenanthrene
Concen: 17.04 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:178 Resp: 111618

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.1	12.2	18.2

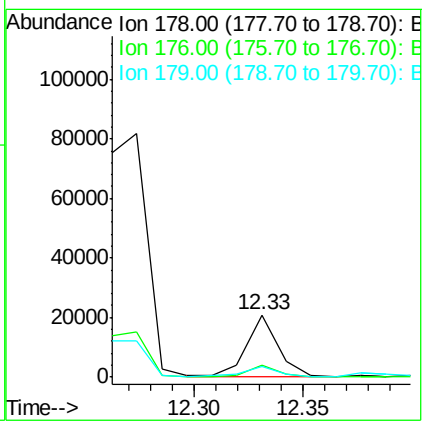


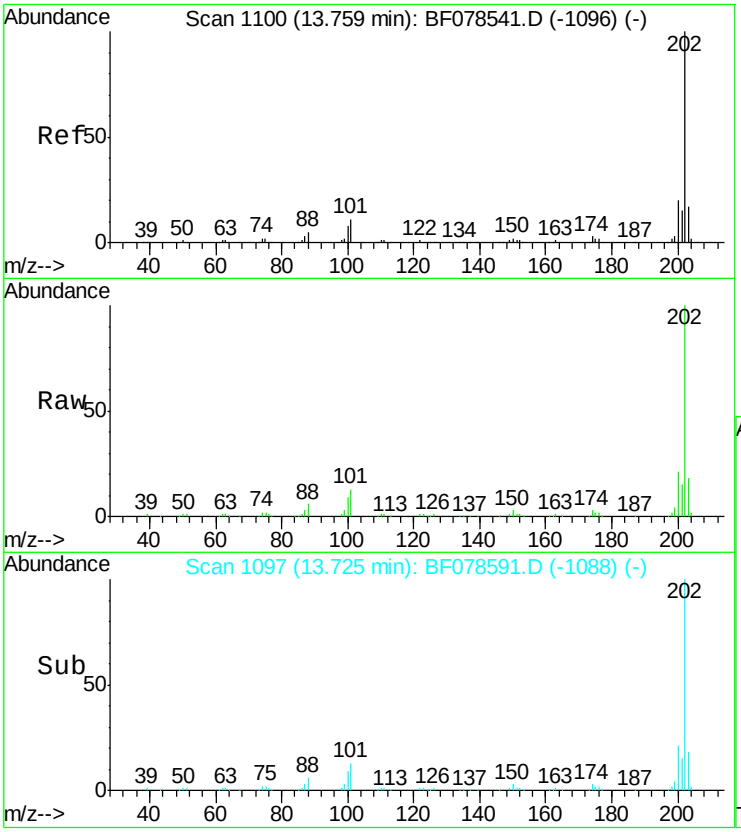


#71
Anthracene
Concen: 3.31 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:178 Resp: 21334

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.8	22.2
179	17.4	12.4	18.6



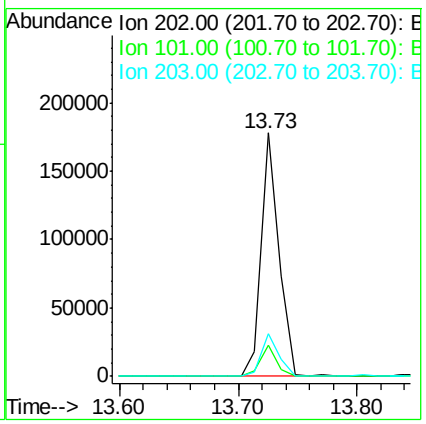


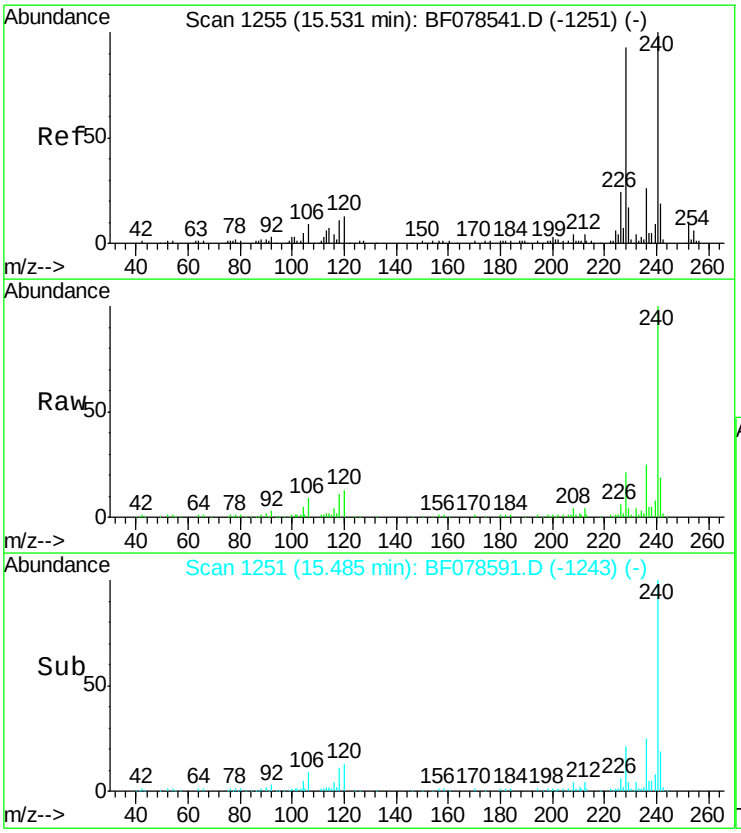
#74
Fluoranthene
Concen: 27.17 ng
RT: 13.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:202 Resp: 187722

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	35.2
203	17.5	0.0	38.5

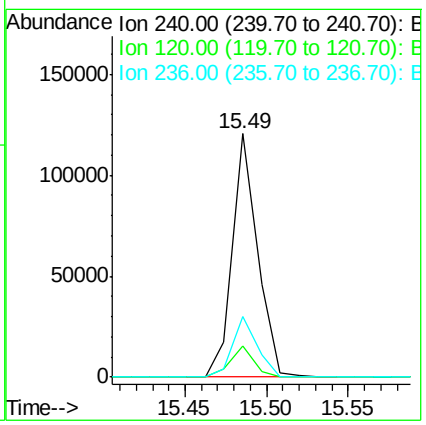


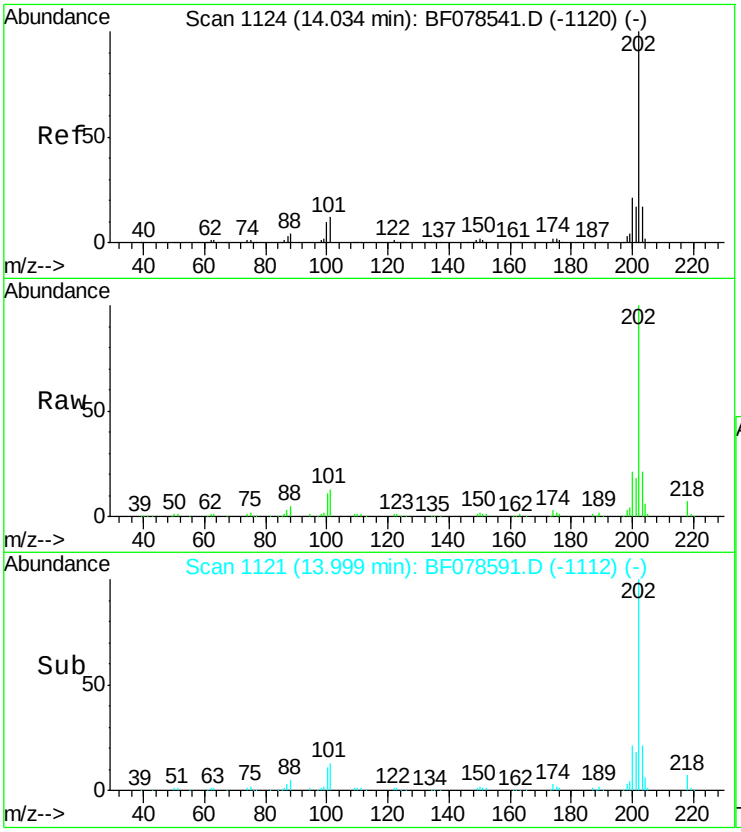


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:240 Resp: 128123

Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.1	10.7#
236	24.8	21.4	32.2



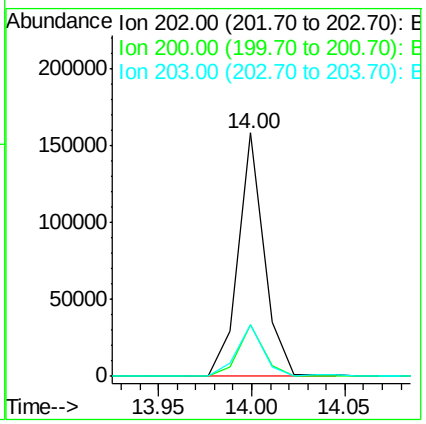


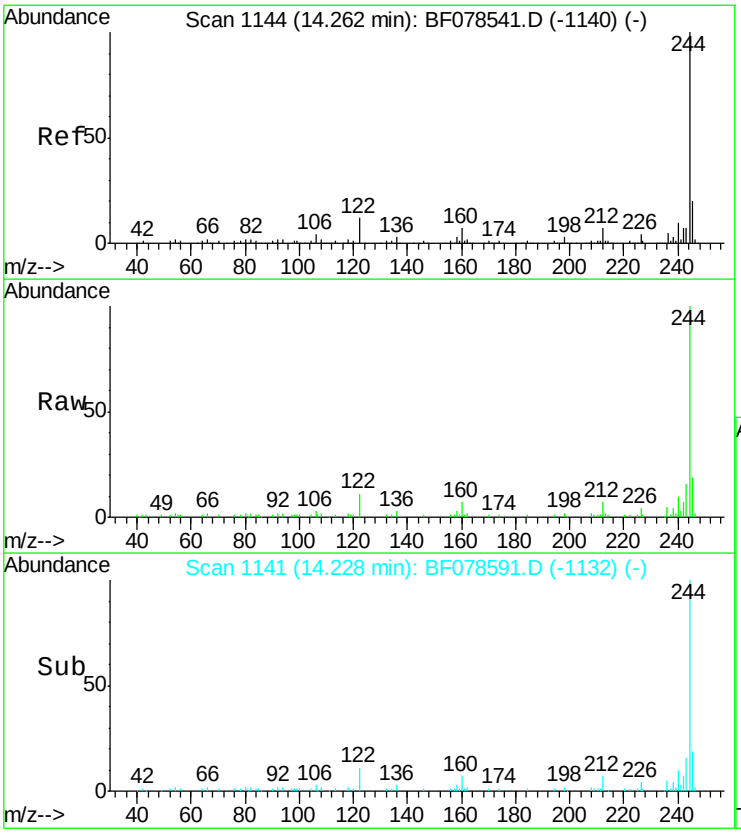
#77
Pyrene
Concen: 19.25 ng
RT: 14.00 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:202 Resp: 154843

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	21.2	13.8	20.6#

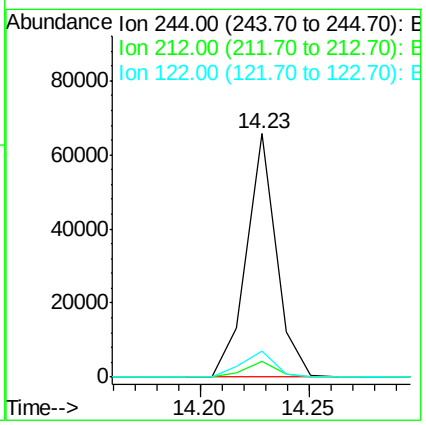


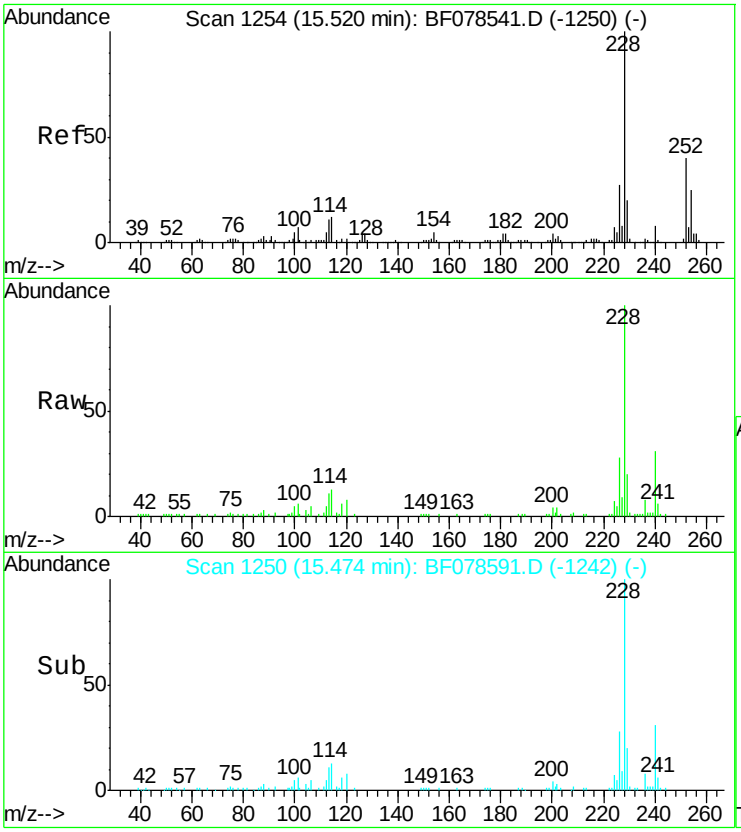


#78
Terphenyl-d14
Concen: 11.06 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:244 Resp: 62705

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.7	7.1	10.7



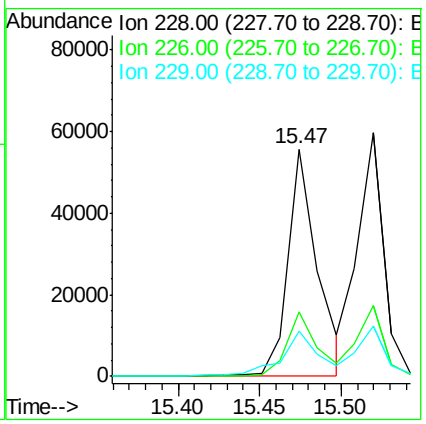


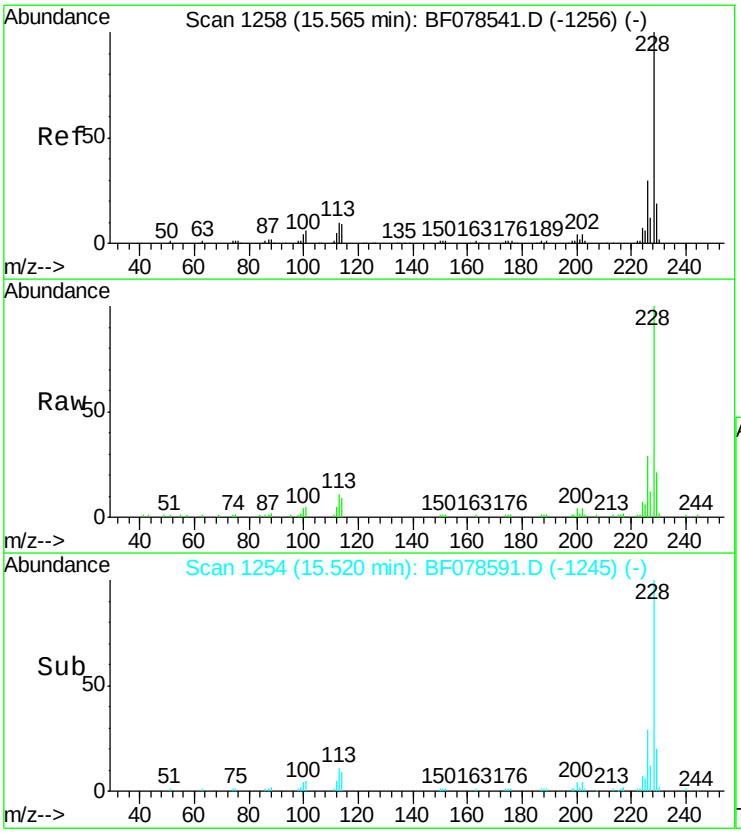
#80
Benzo(a)anthracene
Concen: 9.24 ng
RT: 15.47 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:228 Resp: 70410

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.3	31.9
229	20.1	15.4	23.2

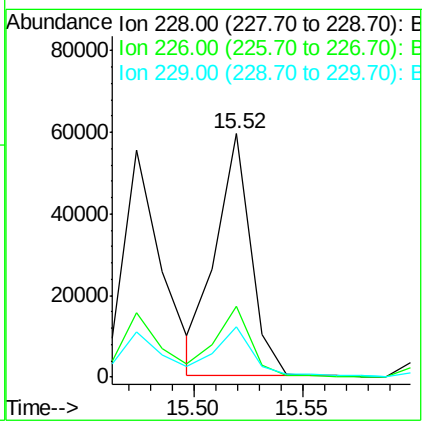


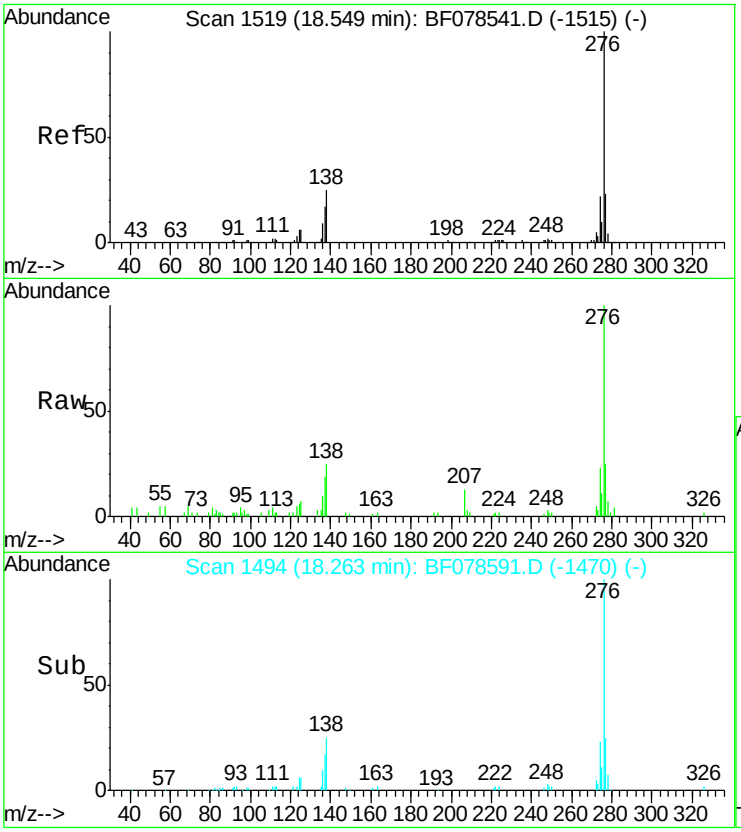


#82
Chrysene
Concen: 9.19 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:228 Resp: 65839

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.4
229	20.9	15.8	23.8



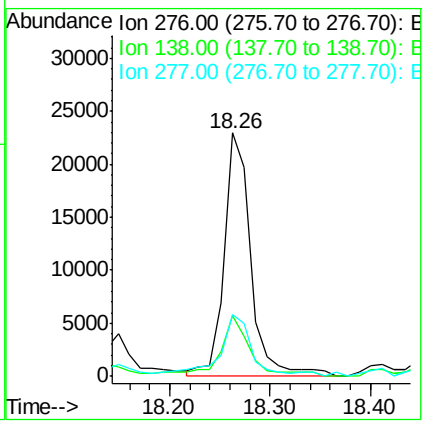


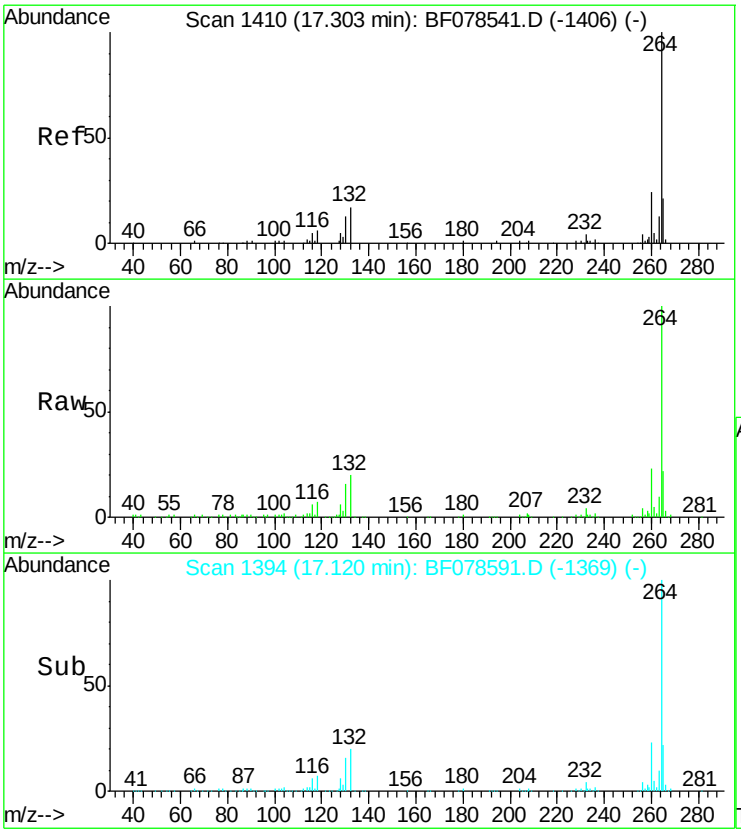
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.21 ng
RT: 18.26 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:276 Resp: 42379

Ion	Ratio	Lower	Upper
276	100		
138	29.1	16.9	25.3#
277	31.7	15.8	23.6#

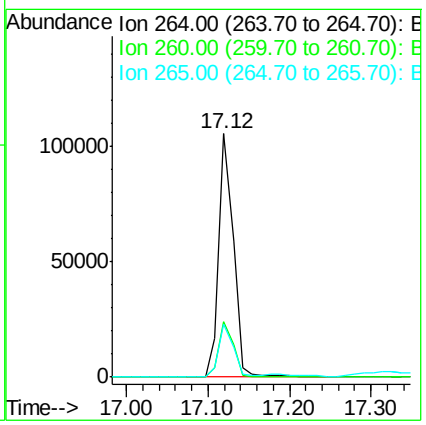


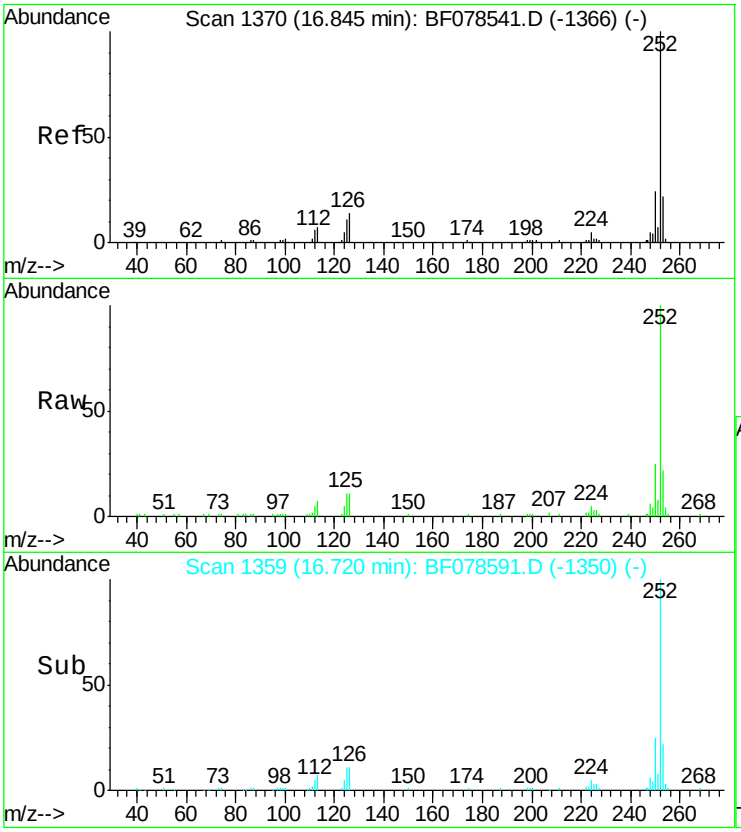


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:264 Resp: 130704

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.6	17.0	25.6



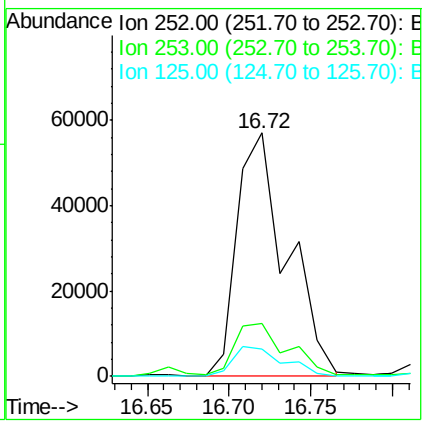


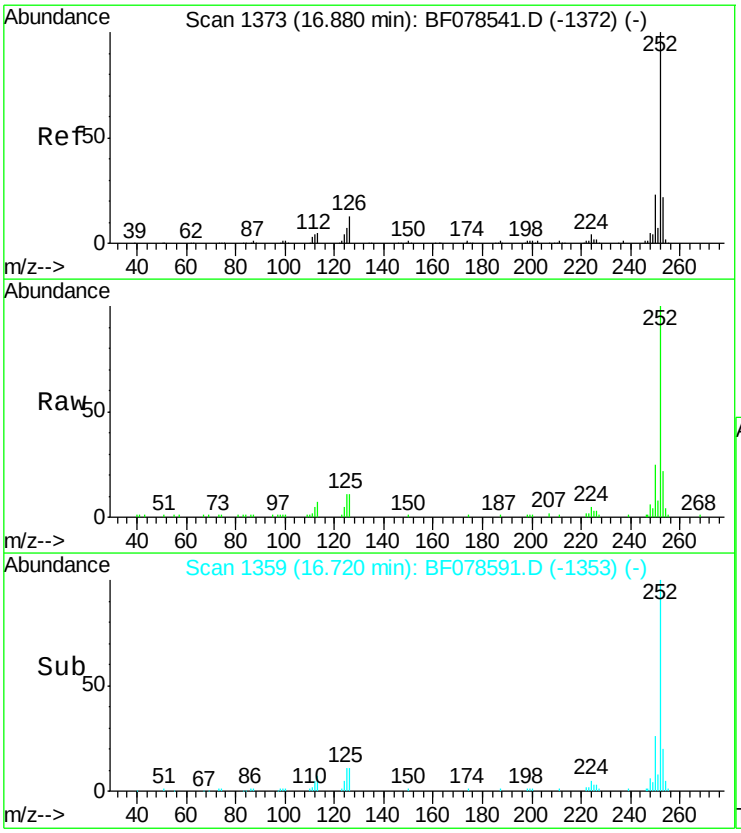
#87
Benzo(b)fluoranthene
Concen: 14.96 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

Tgt Ion:252 Resp: 120883

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.0	7.0	10.4#

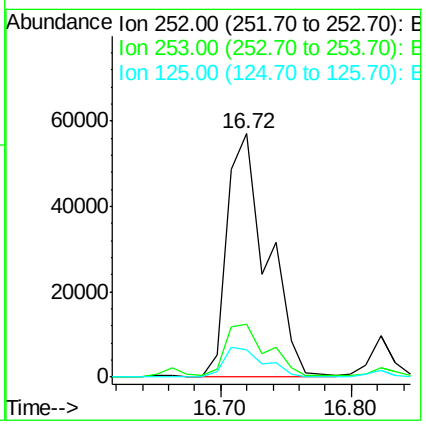


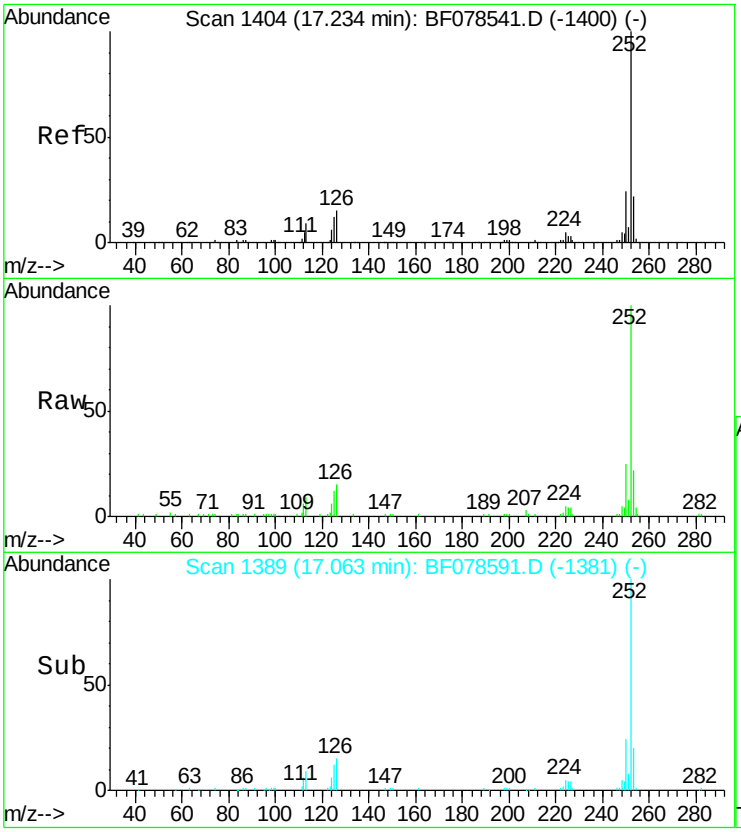


#88
Benzo(k)fluoranthene
Concen: 16.95 ng
RT: 16.72 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:252 Resp: 121654

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.0	11.6	17.4#



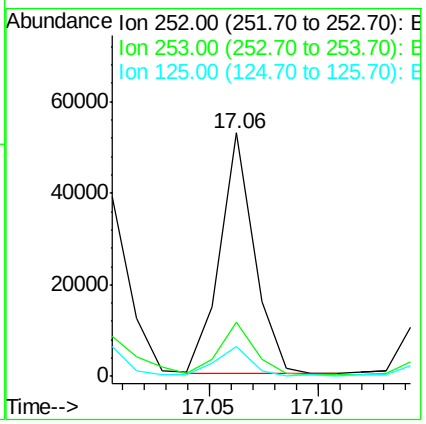


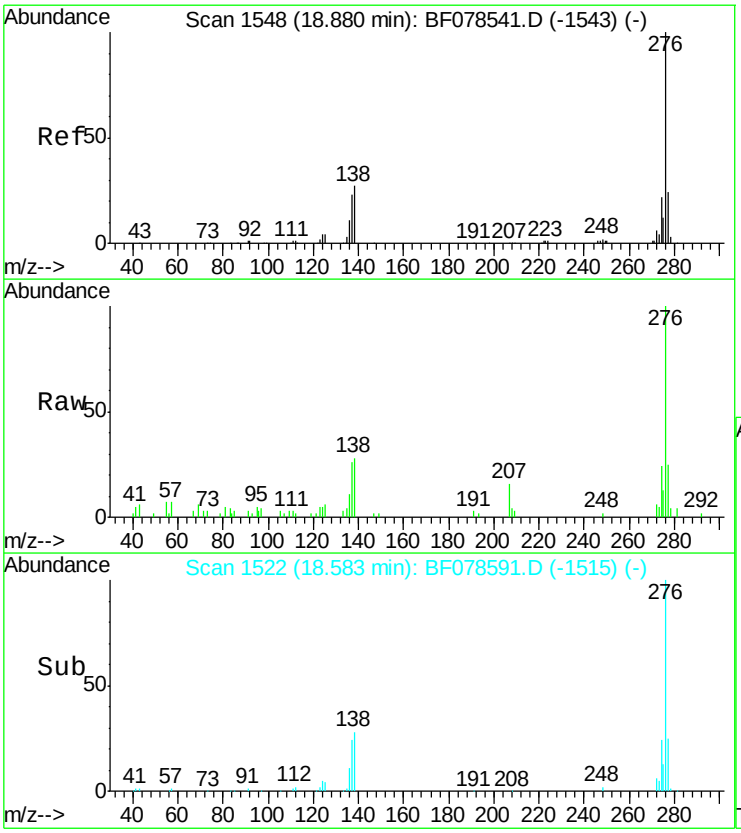
#89
Benzo(a)pyrene
Concen: 8.23 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Instrument :
BNA_F
ClientSampleId :
HS-SB06BDL

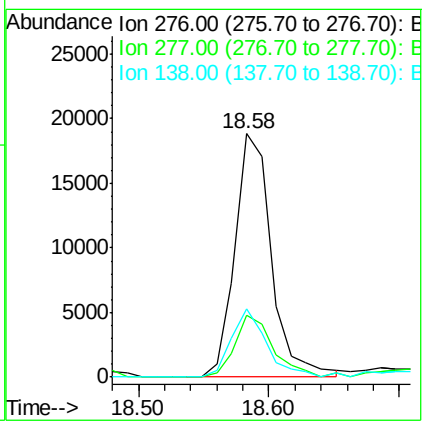
Tgt Ion:252 Resp: 58038

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.8	25.2
125	12.0	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 5.17 ng
RT: 18.58 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF078591.D
Acq: 17 Apr 2015 5:09

Tgt Ion:276 Resp: 36569

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	28.0	19.9	29.9