Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079323.D
Acq On : 19 May 2015 00:36
Operator : TP/IZ
Sample : G2270-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15

Quant Time: May 19 02:10:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:54:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	44703	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	189732	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	92880	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	183745	20.00	ng		0.00
75) Chrysene-d12	16.05	240	203459	20.00	ng		-0.01
86) Perylene-d12	17.79	264	203049	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	168244m	64.79	ng		0.00
7) Phenol-d6	6.74	99	222194	64.73	ng		0.00
23) Nitrobenzene-d5	7.86	82	125373	37.98	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	67404	67.08	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	266311	39.95	ng		0.00
78) Terphenyl-d14	14.75	244	326153	38.38	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.59	163	16174	2.37	ng		99
70) Phenanthrene	12.79	178	67973	6.61	ng		99
74) Fluoranthene	14.26	202	96460	9.01	ng		95
77) Pyrene	14.54	202	93158	7.95	ng		96
80) Benzo(a)anthracene	16.03	228	50675	4.55	ng		93
82) Chrysene	16.08	228	39924m	3.73	ng		
83) Bis(2-ethylhexyl)phthalate	16.09	149	33947	4.37	ng		98
87) Benzo(b)fluoranthene	17.34	252	50914m	4.58	ng		
89) Benzo(a)pyrene	17.73	252	34907	3.41	ng	#	85
91) Benzo(g,h,i)perylene	19.60	276	23311	2.14	ng	#	82

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
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Acq On : 19 May 2015 00:36
Operator : TP/IZ
Sample : G2270-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15

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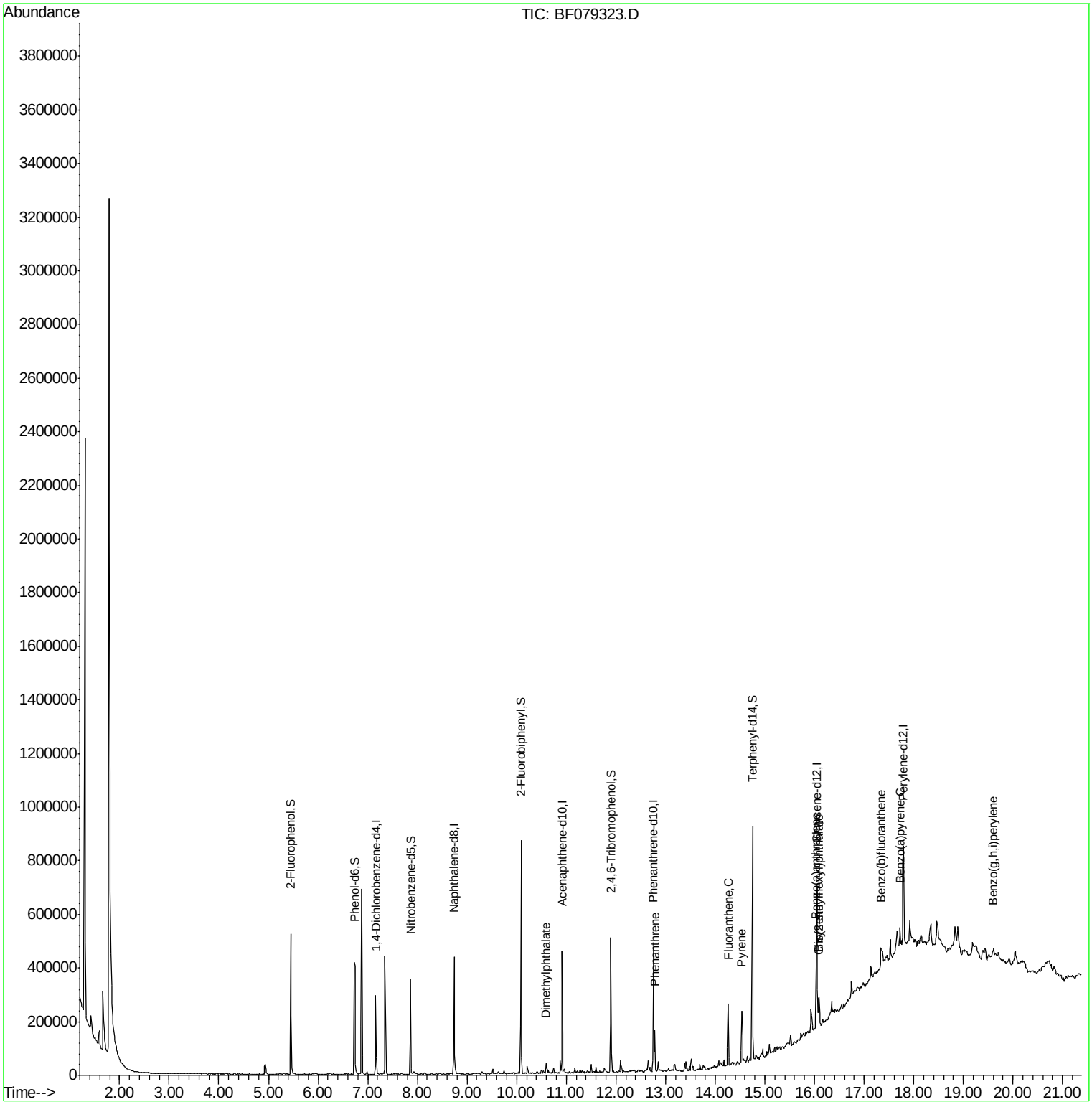
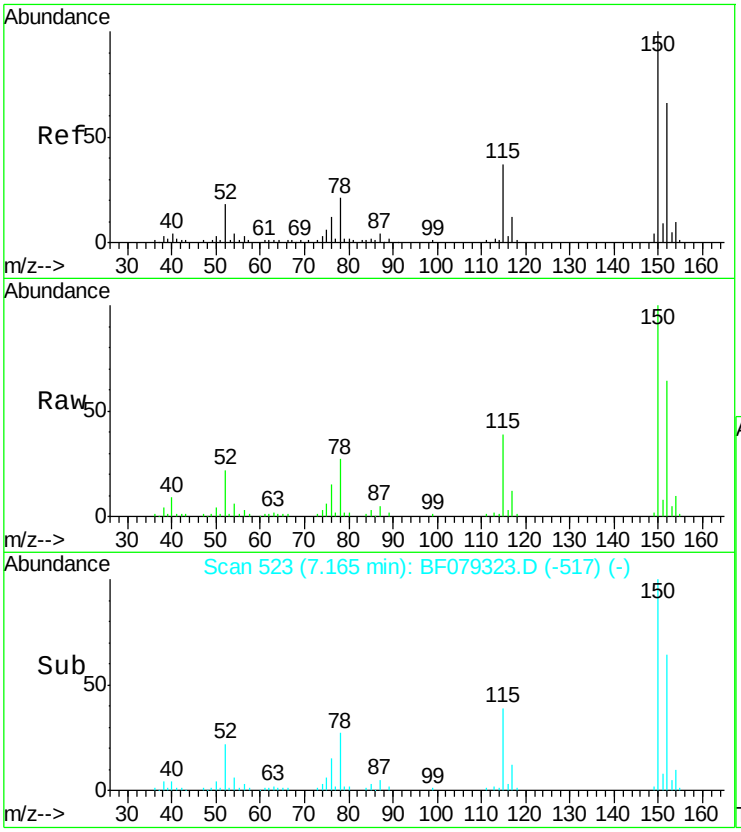


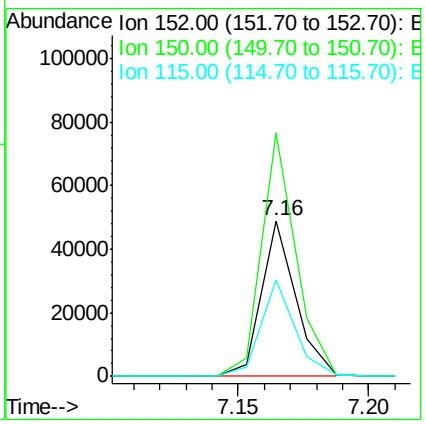


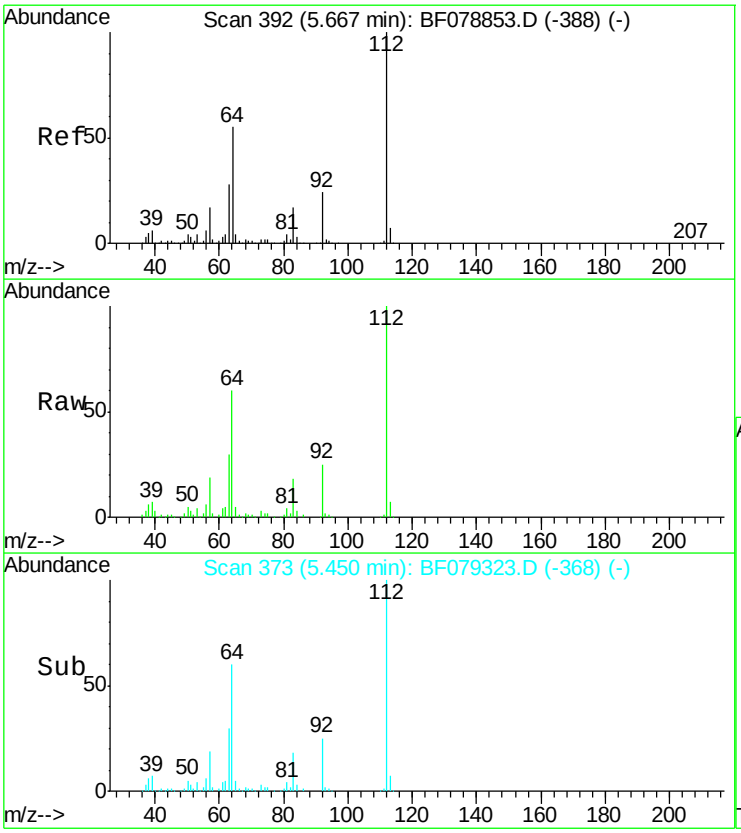
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:152 Resp: 44703

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.8
115	61.6	49.4	74.0

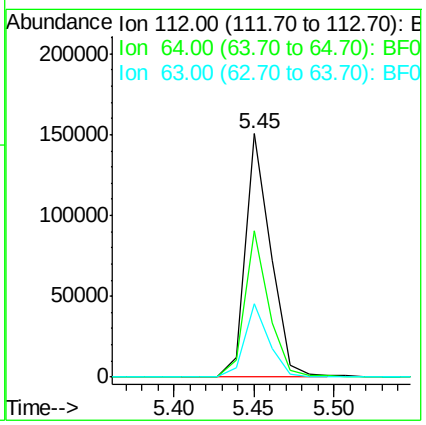


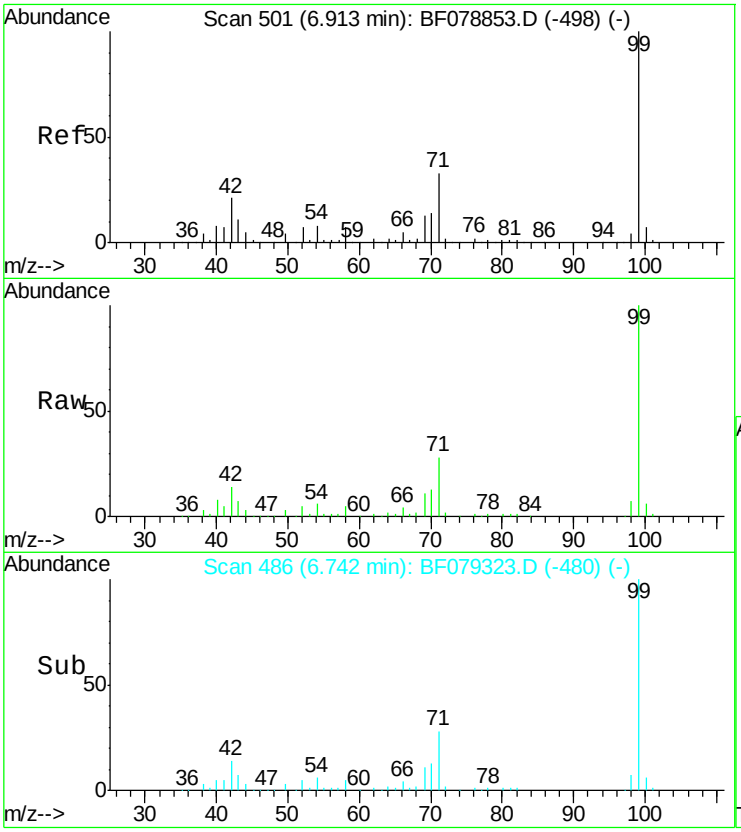


#5
2-Fluorophenol
Concen: 64.79 ng m
RT: 5.45 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:112 Resp: 168244

Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.2	66.2
63	30.0	22.7	34.1



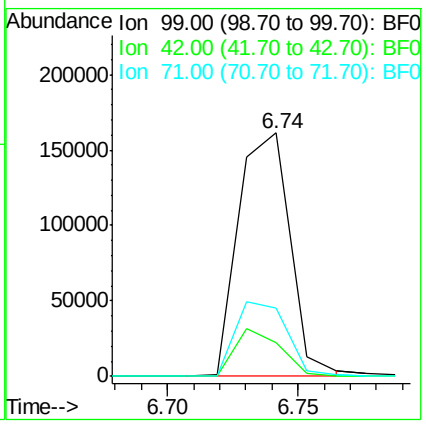


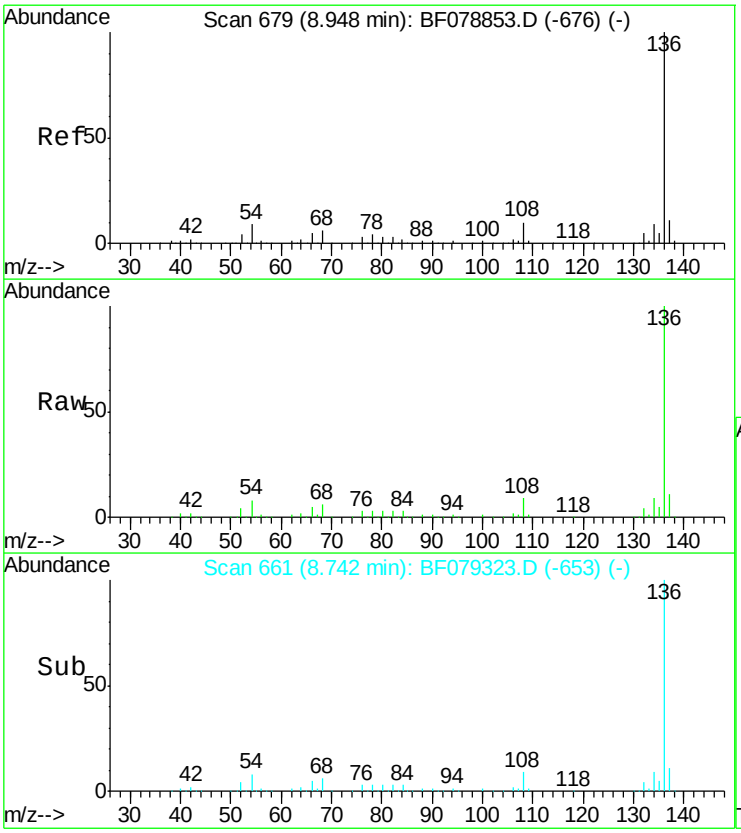
#7
Phenol-d6
Concen: 64.73 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion: 99 Resp: 222194

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.1	25.7#
71	28.0	26.3	39.5

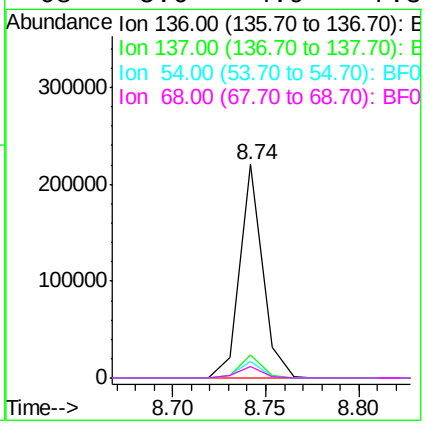


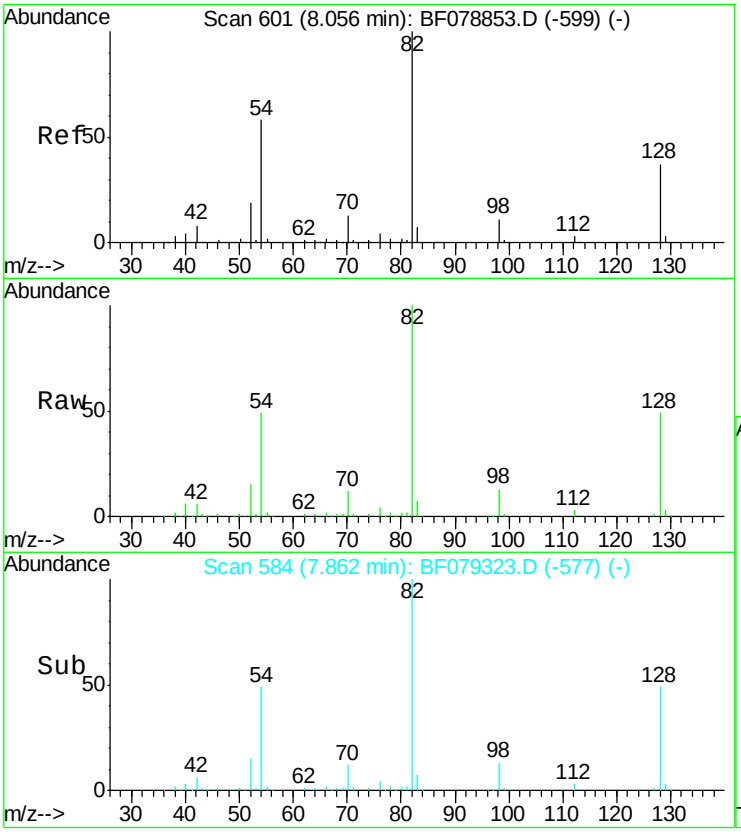


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:136 Resp: 189732

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.9	10.3
68	5.6	4.9	7.3



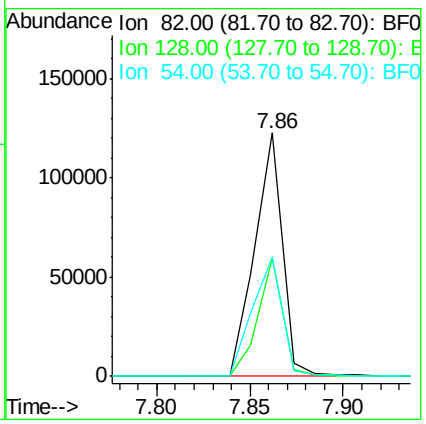


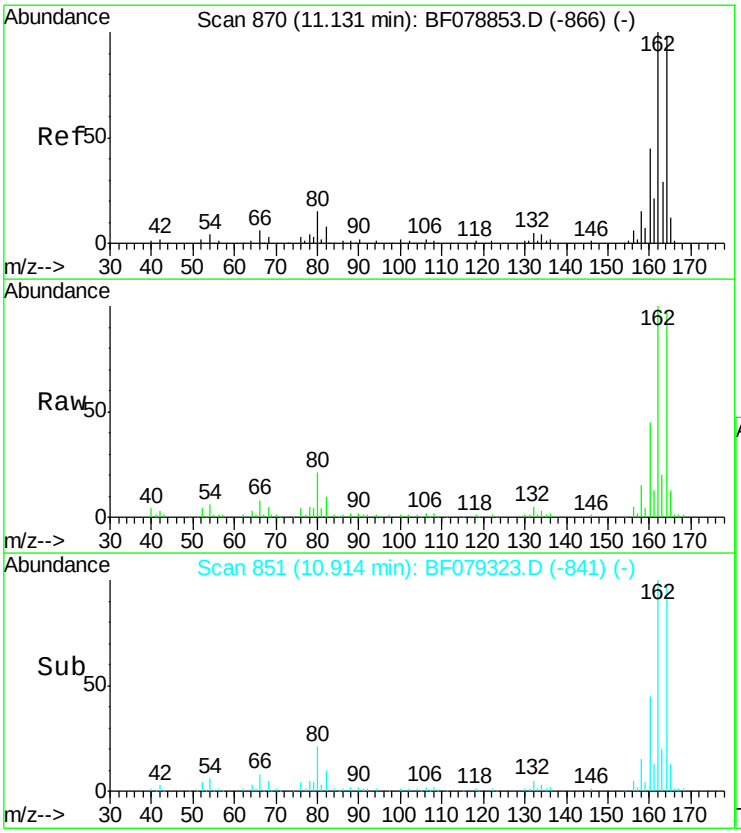
#23
Nitrobenzene-d5
Concen: 37.98 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion: 82 Resp: 125373

Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	49.0	46.2	69.4

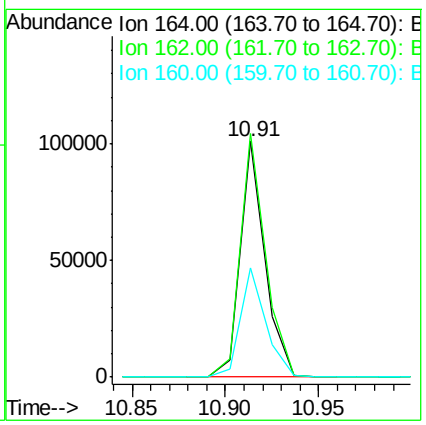


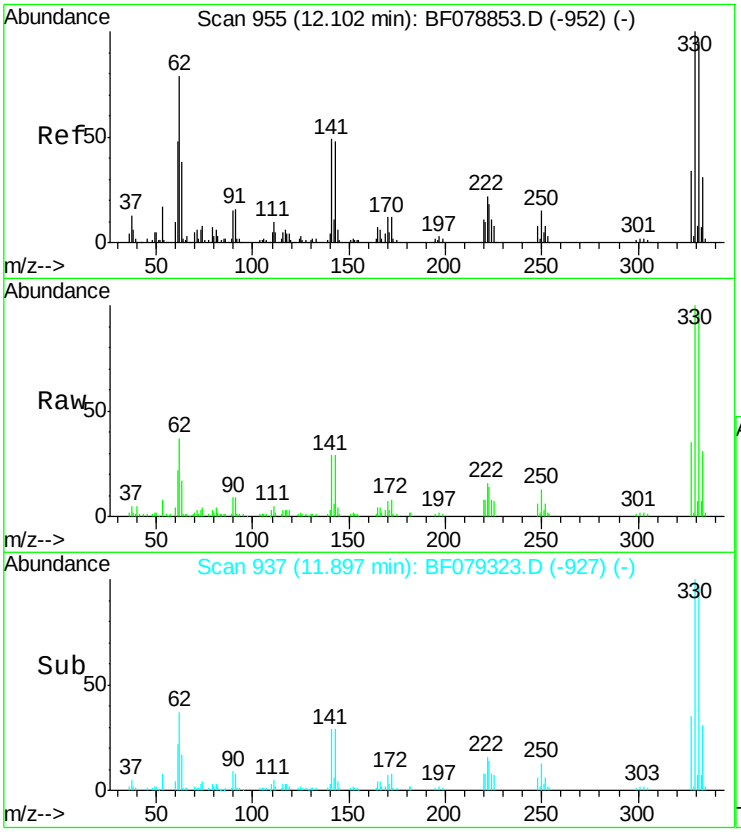


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:164 Resp: 92880

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	46.6	36.6	54.8



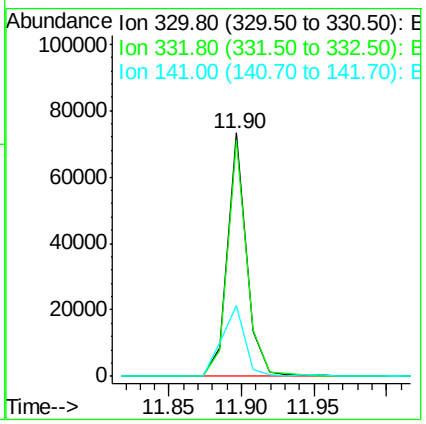


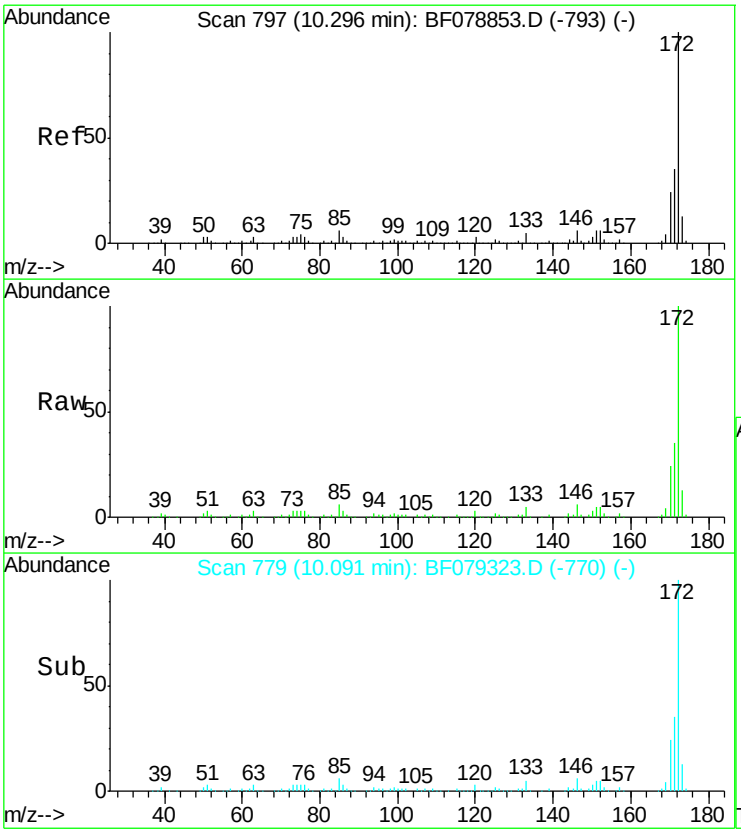
#41
2,4,6-Tribromophenol
Concen: 67.08 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:330 Resp: 67404

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	34.6	27.8	41.8

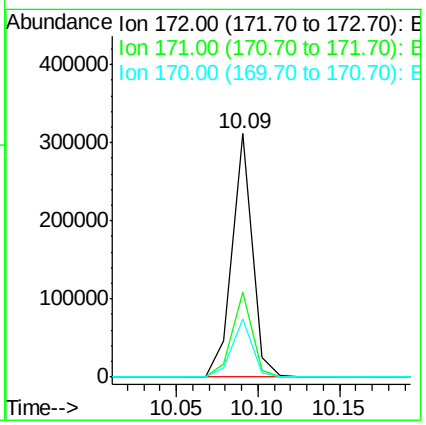


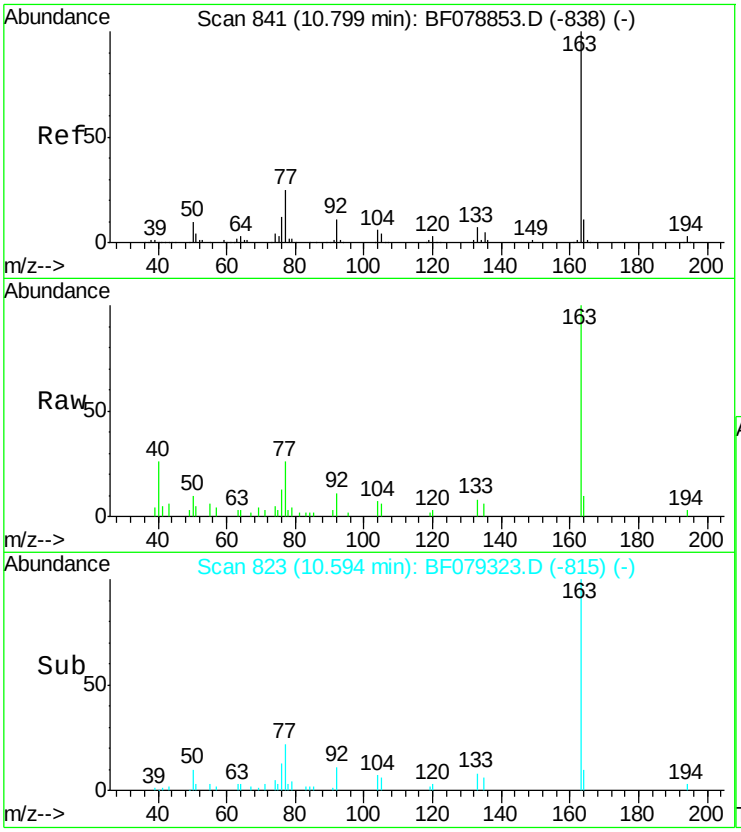


#44
2-Fluorobiphenyl
Concen: 39.95 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:172 Resp: 266311

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.8	19.4	29.2



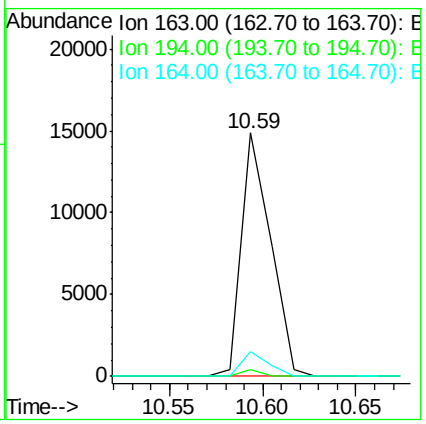


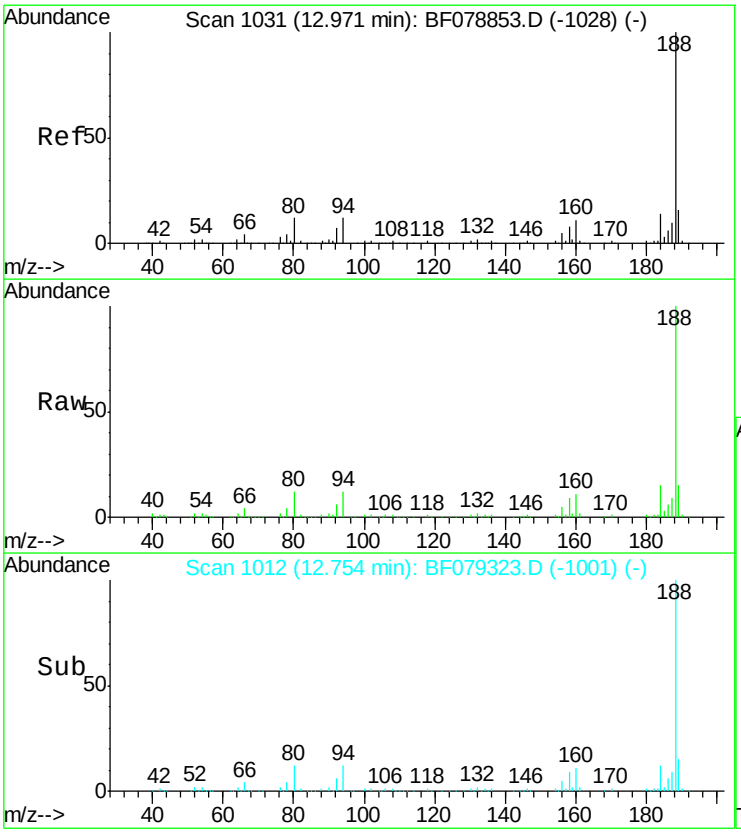
#49
Dimethylphthalate
Concen: 2.37 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:163 Resp: 16174

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	10.0	8.6	12.8

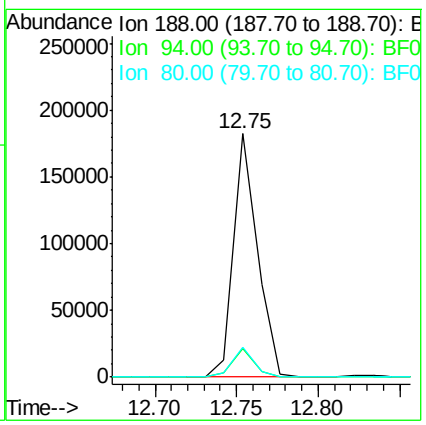


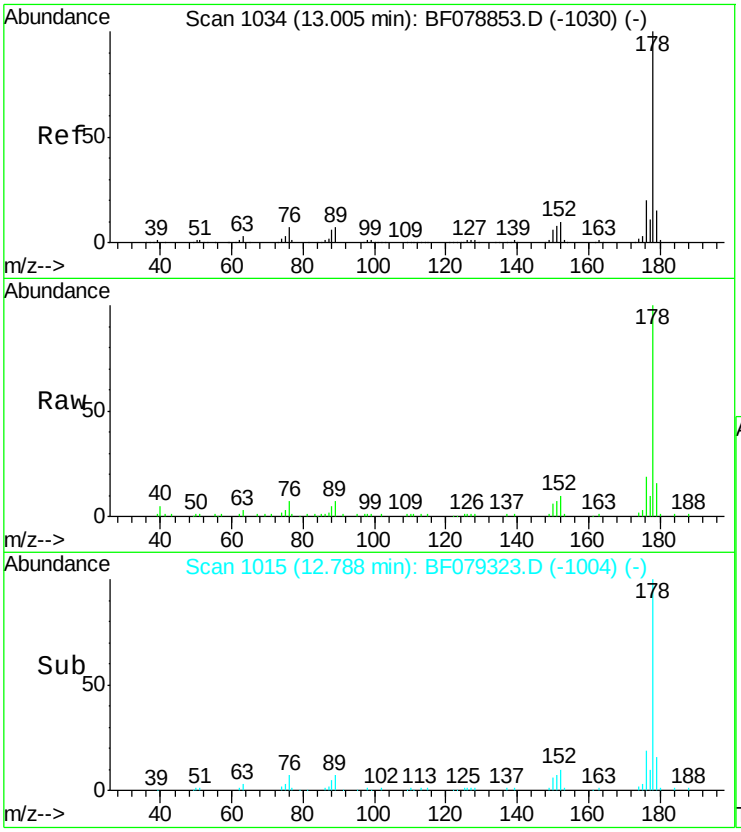


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:188 Resp: 183745

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.0
80	12.1	9.8	14.6



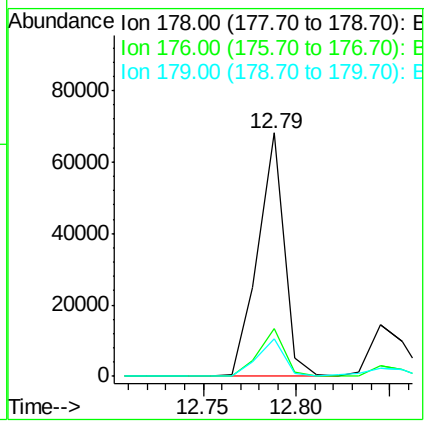


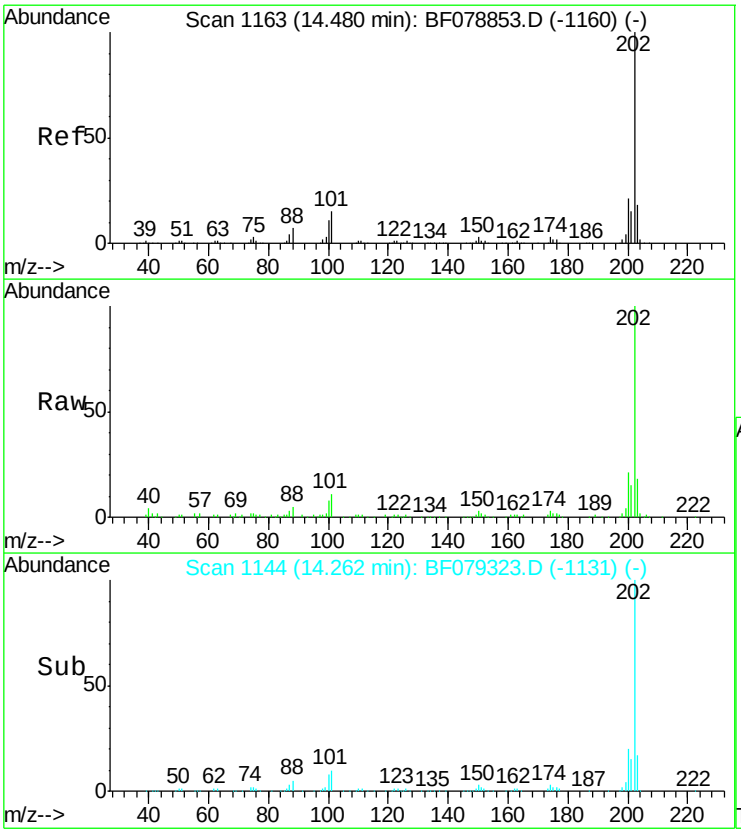
#70
Phenanthrene
Concen: 6.61 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:178 Resp: 67973

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.2	18.4

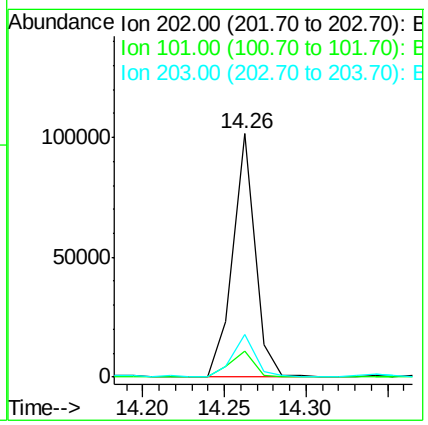


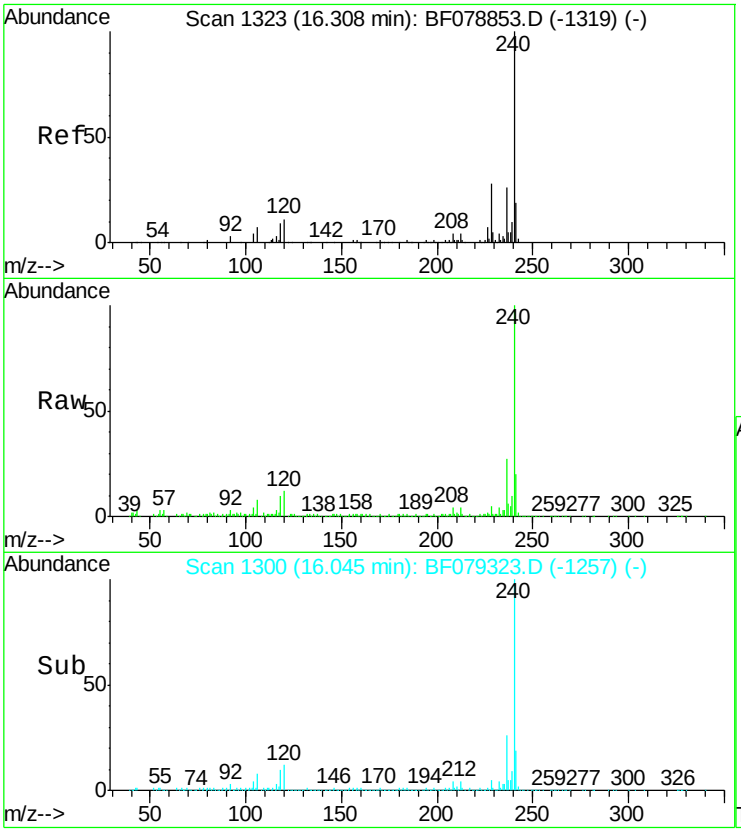


#74
Fluoranthene
Concen: 9.01 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:202 Resp: 96460

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.7
203	17.6	0.0	37.9



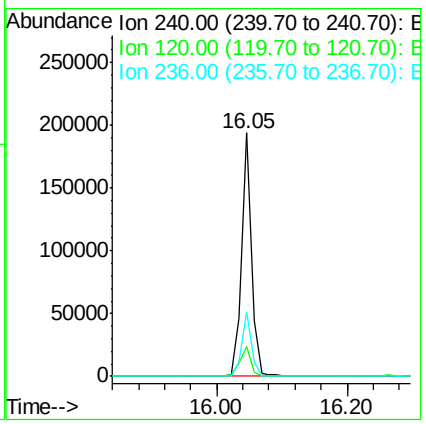


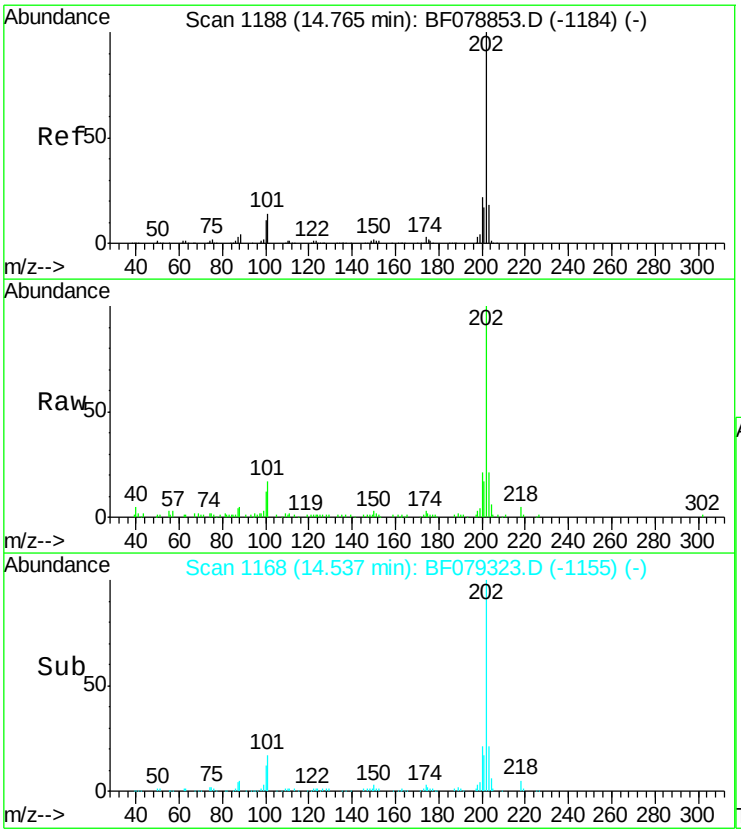
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:240 Resp: 203459

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	12.8
236	26.7	21.0	31.6

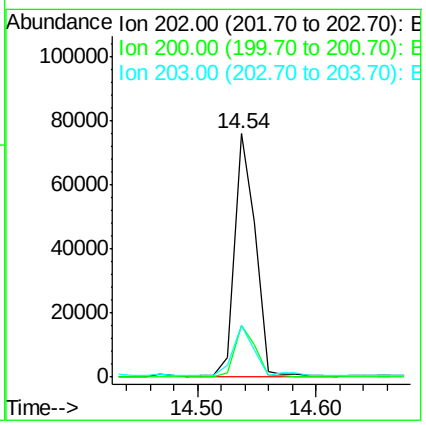


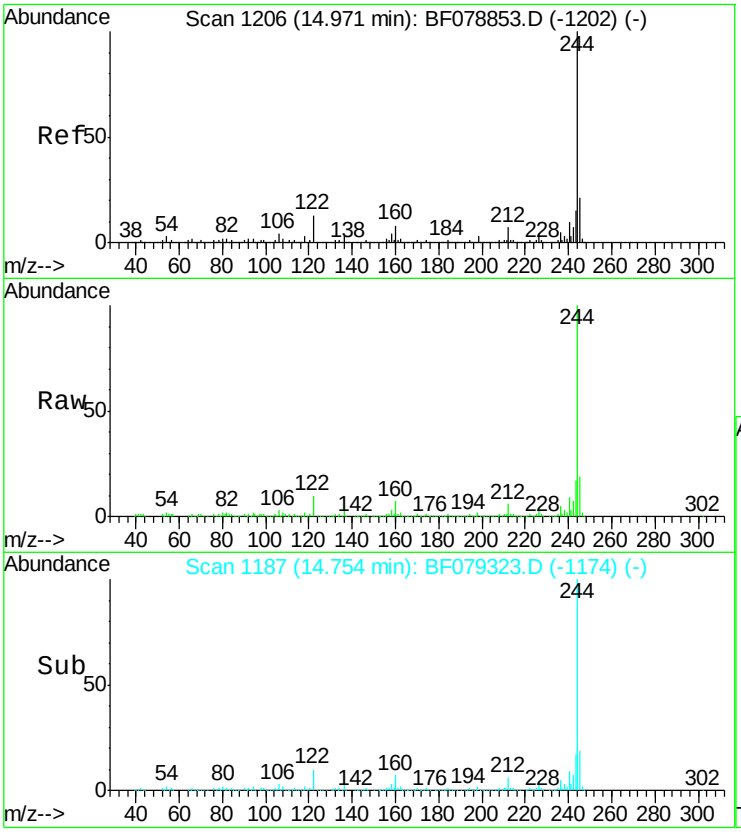


#77
Pyrene
Concen: 7.95 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:202 Resp: 93158

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	21.3	14.7	22.1



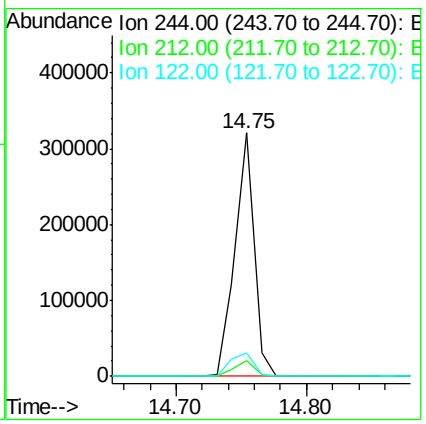


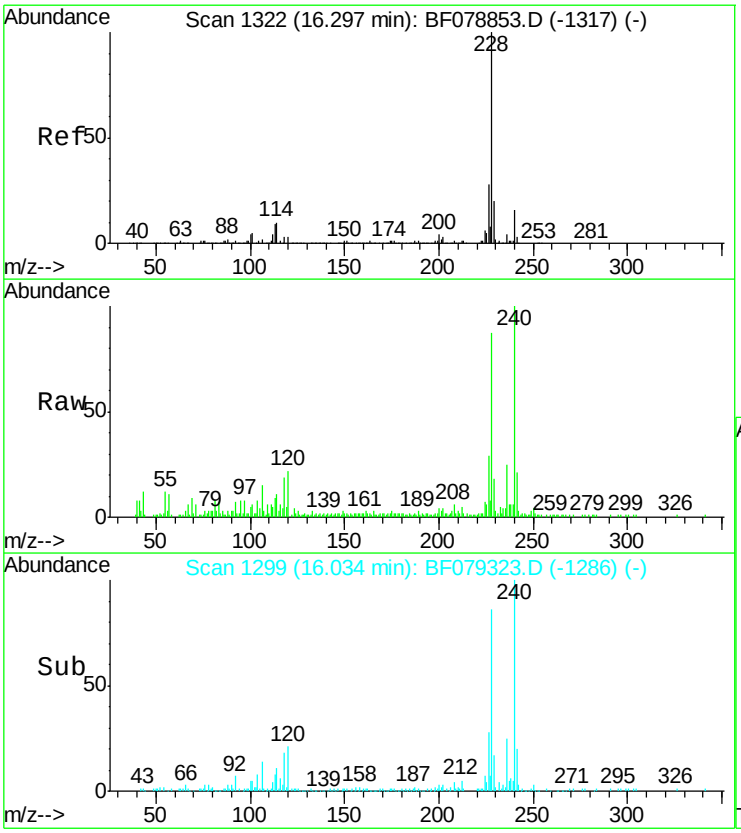
#78
Terphenyl-d14
Concen: 38.38 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:244 Resp: 326153

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.8	10.5	15.7#

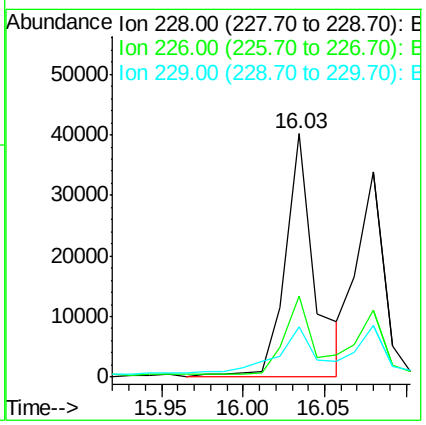


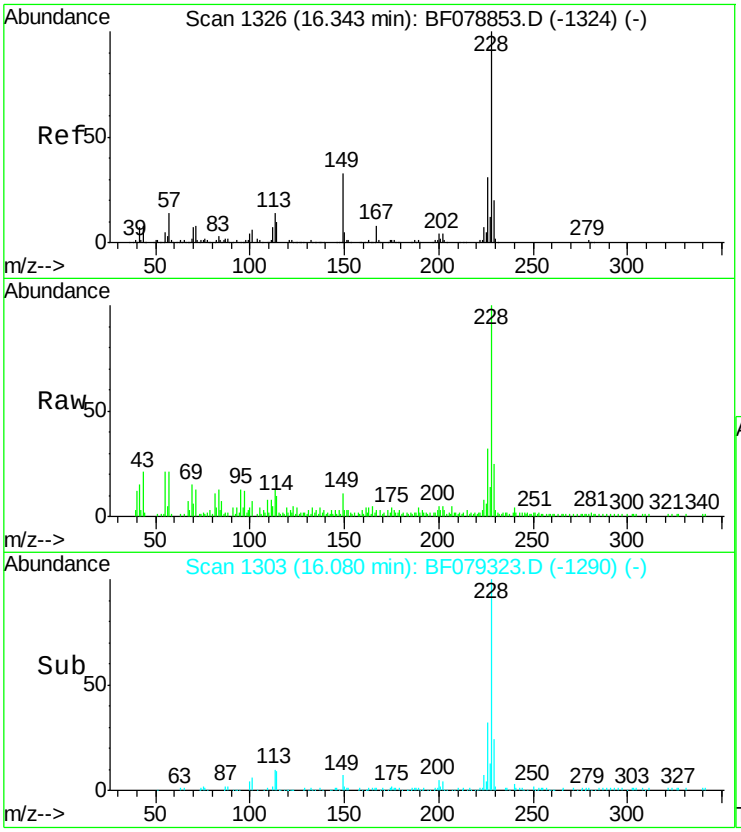


#80
Benzo(a)anthracene
Concen: 4.55 ng
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:228 Resp: 50675

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.3	33.5
229	20.9	16.1	24.1



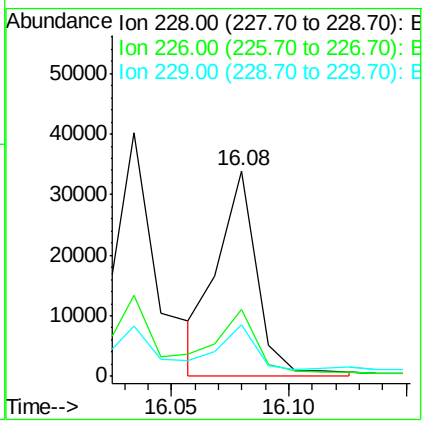


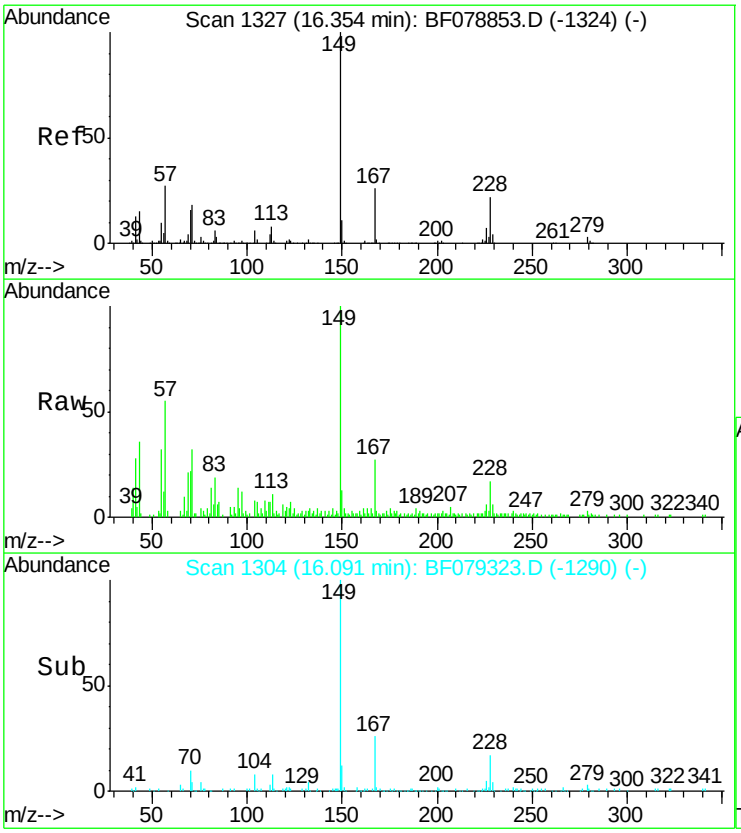
#82
Chrysene
Concen: 3.73 ng m
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:228 Resp: 39924

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.8	37.2
229	25.0	16.1	24.1#

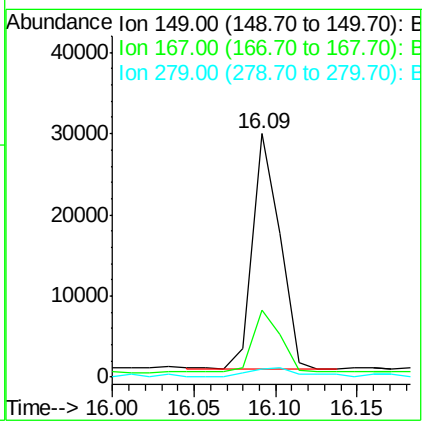


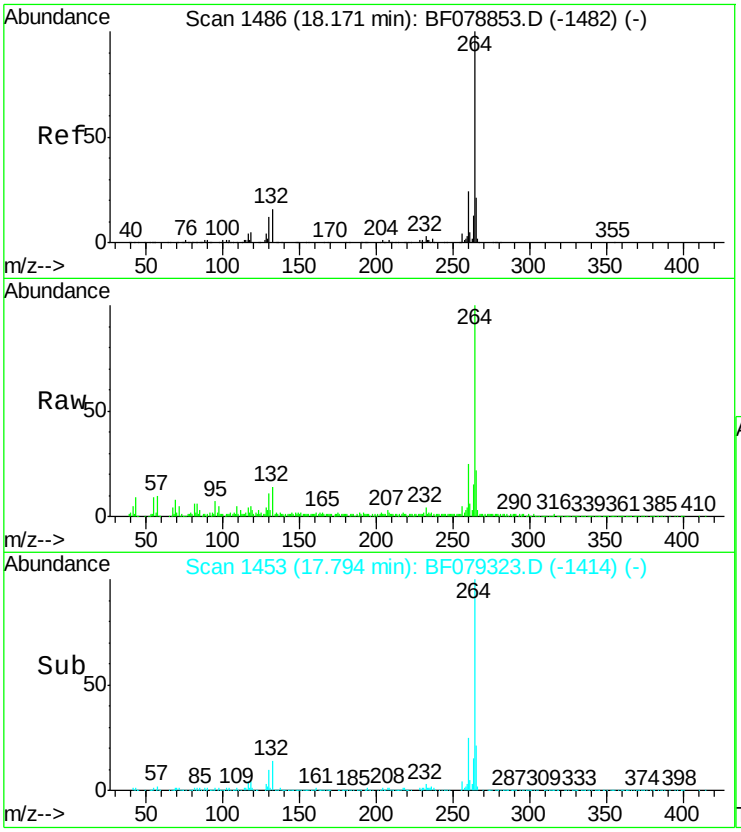


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.37 ng
RT: 16.09 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:149 Resp: 33947

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	3.1	2.6	4.0



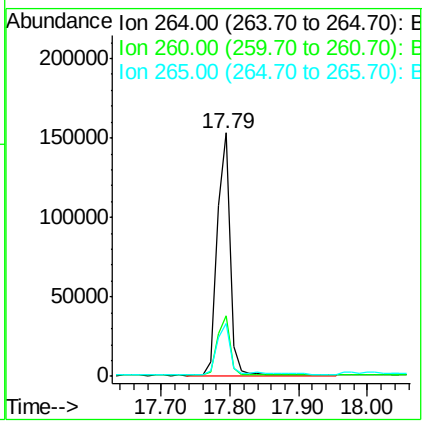


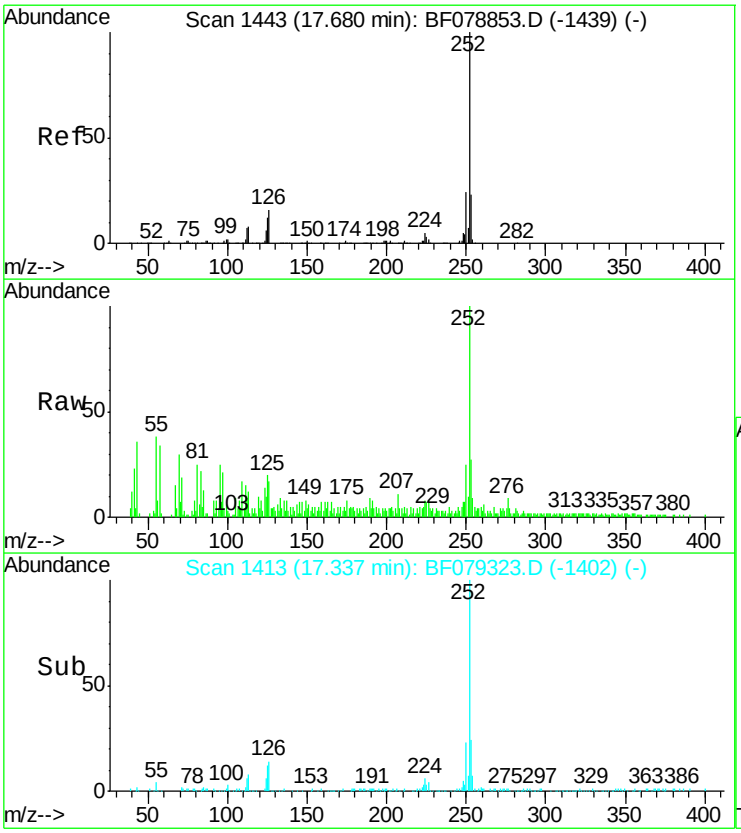
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.06 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:264 Resp: 203049

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.2	25.8

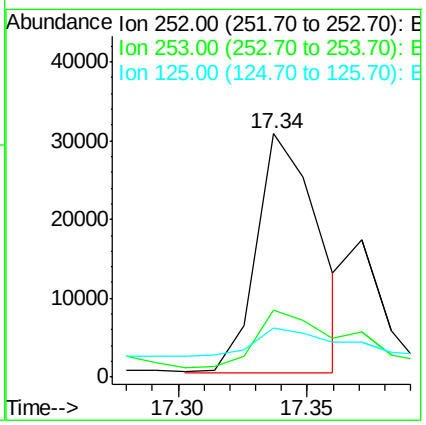


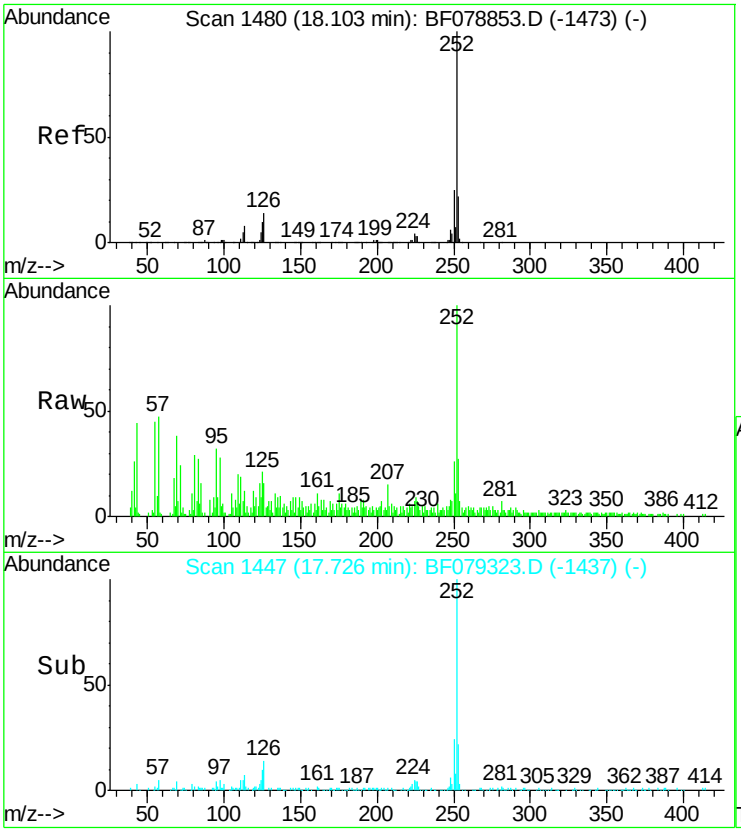


#87
Benzo(b)fluoranthene
Concen: 4.58 ng m
RT: 17.34 min Scan# 1413
Delta R.T. -0.06 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:252 Resp: 50914

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.1	27.1#
125	20.2	9.4	14.2#



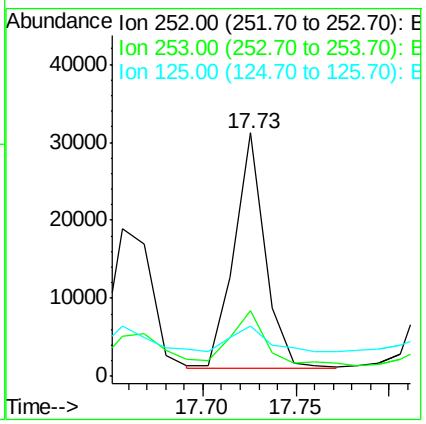


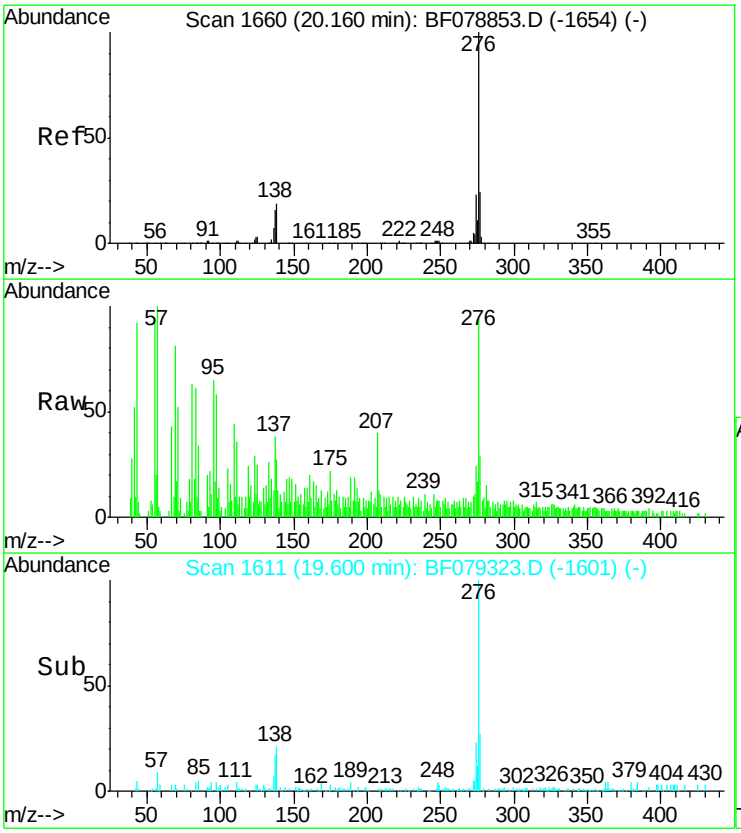
#89
Benzo(a)pyrene
Concen: 3.41 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.07 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Instrument :
BNA_F
ClientSampleId :
SB-15

Tgt Ion:252 Resp: 34907

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	20.8	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 2.14 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF079323.D
Acq: 19 May 2015 00:36

Tgt Ion:276 Resp: 23311

Ion	Ratio	Lower	Upper
276	100		
277	31.3	18.8	28.2#
138	28.3	15.2	22.8#