Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079325.D
Acq On : 19 May 2015 1:33
Operator : TP/IZ
Sample : G2271-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14-D1

Quant Time: May 19 04:04:02 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 03:47:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47853	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	200388	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	98258	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	186652	20.00	ng		0.00
75) Chrysene-d12	16.05	240	198631	20.00	ng		-0.01
86) Perylene-d12	17.76	264	204592	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	332822m	119.72	ng		0.01
7) Phenol-d6	6.74	99	450117	122.49	ng		0.00
23) Nitrobenzene-d5	7.86	82	253043	72.57	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	122738	115.47	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	502417	71.24	ng		0.00
78) Terphenyl-d14	14.75	244	560827	67.60	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.59	163	30071	4.17	ng	#	99
70) Phenanthrene	12.79	178	58731	5.62	ng		98
71) Anthracene	12.85	178	28122	2.75	ng		98
74) Fluoranthene	14.26	202	99845	9.18	ng		96
77) Pyrene	14.54	202	102603	8.96	ng		96
80) Benzo(a)anthracene	16.03	228	67279m	6.19	ng		
82) Chrysene	16.07	228	44038	4.21	ng		98
85) Indeno(1,2,3-cd)pyrene	19.14	276	42473	3.19	ng		92
87) Benzo(b)fluoranthene	17.31	252	82138m	7.33	ng		
88) Benzo(k)fluoranthene	17.35	252	23148m	2.14	ng		
89) Benzo(a)pyrene	17.69	252	61688	5.98	ng	#	95
91) Benzo(g,h,i)perylene	19.57	276	41784	3.80	ng		93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079325.D
Acq On : 19 May 2015 1:33
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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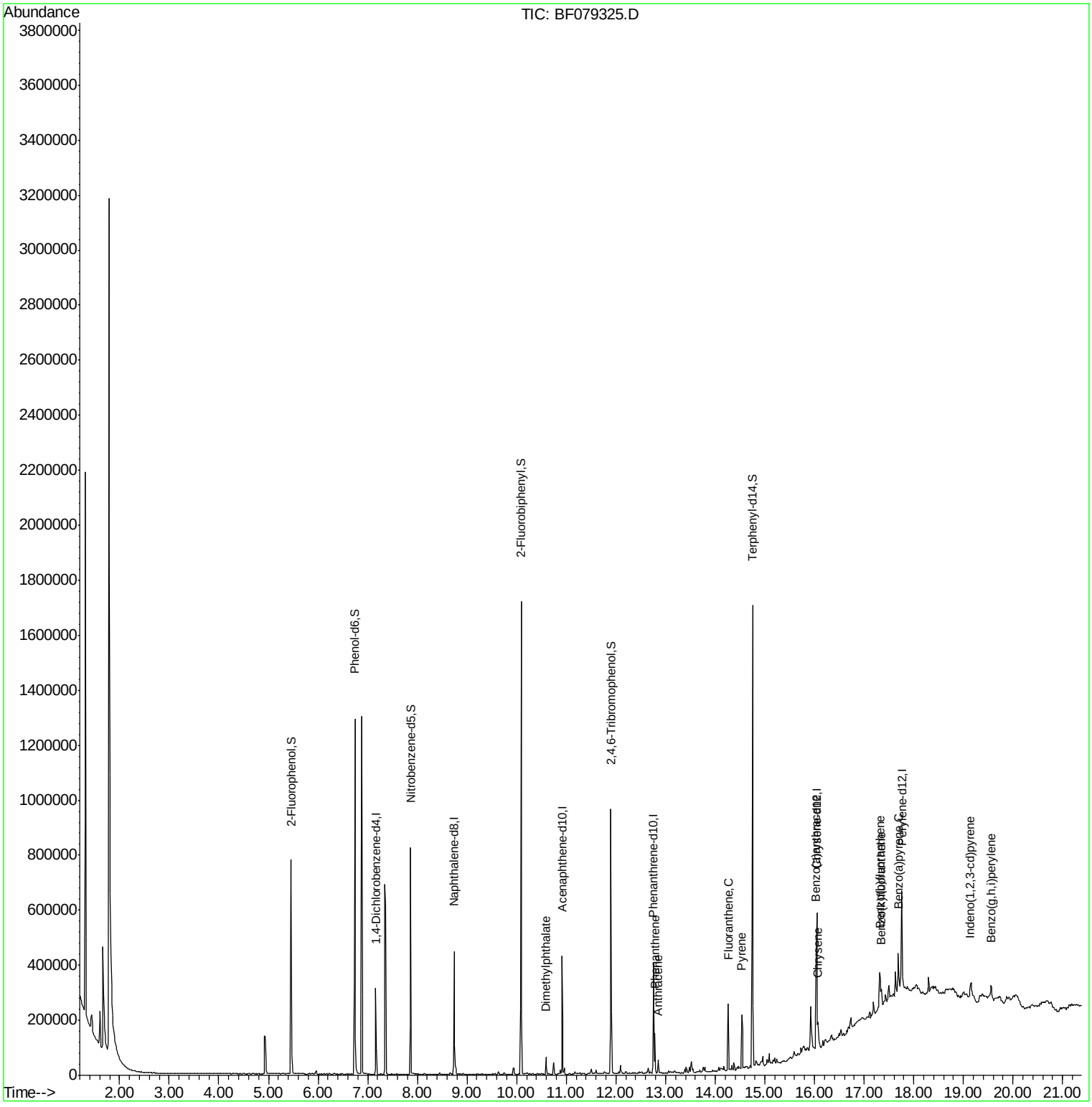
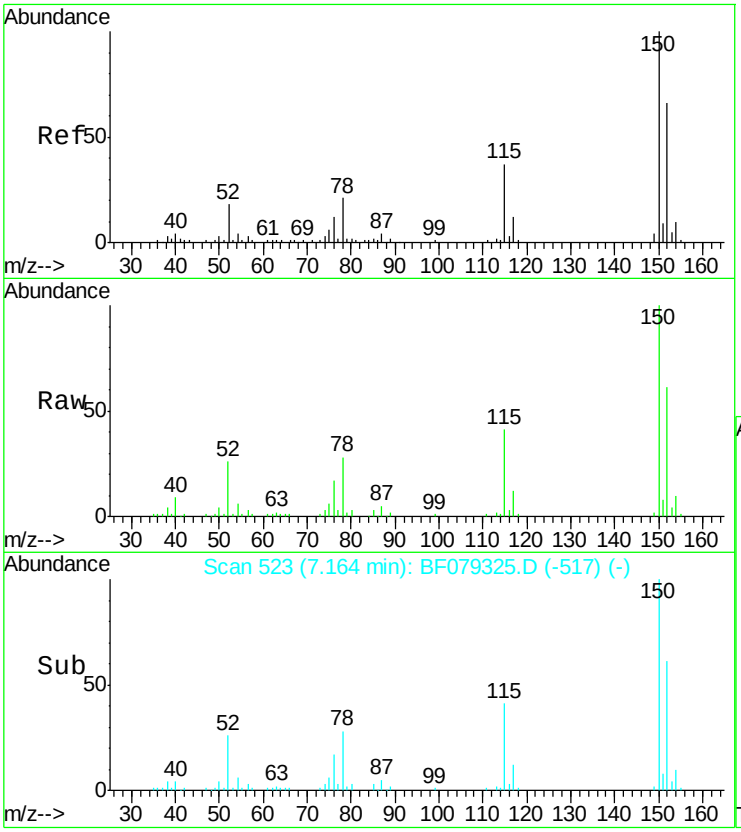


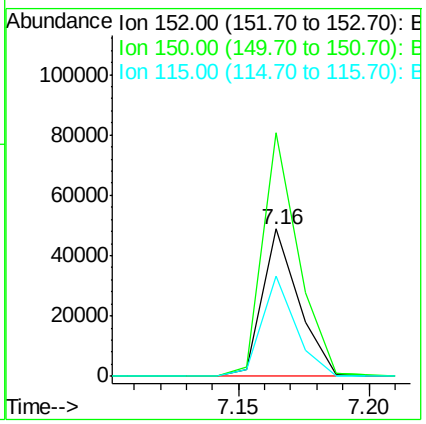


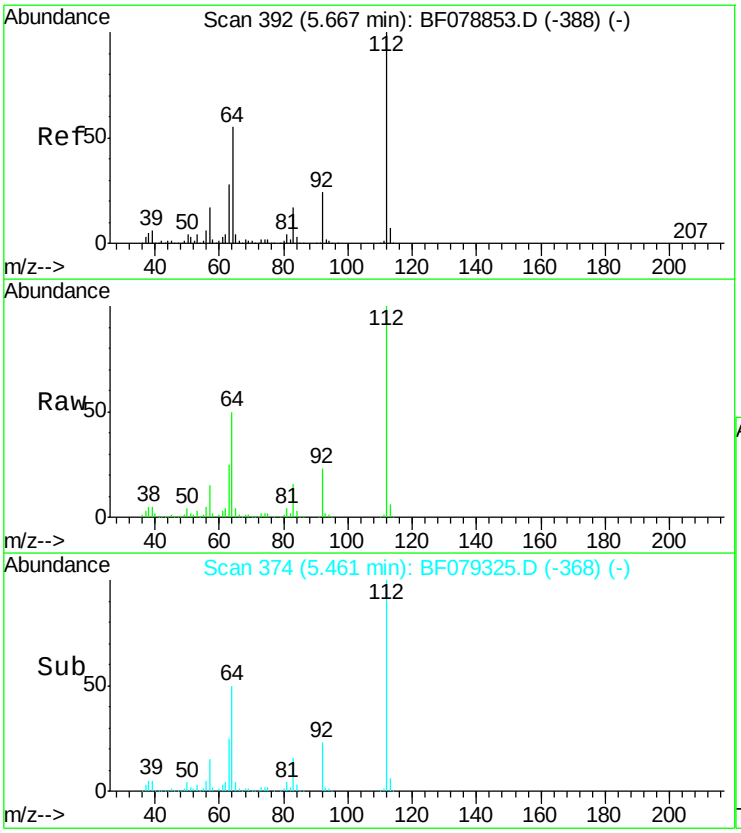
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:152 Resp: 47853

Ion	Ratio	Lower	Upper
152	100		
150	165.2	123.8	185.8
115	67.8	49.4	74.0

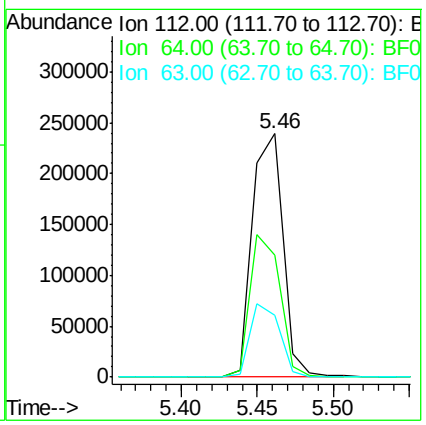


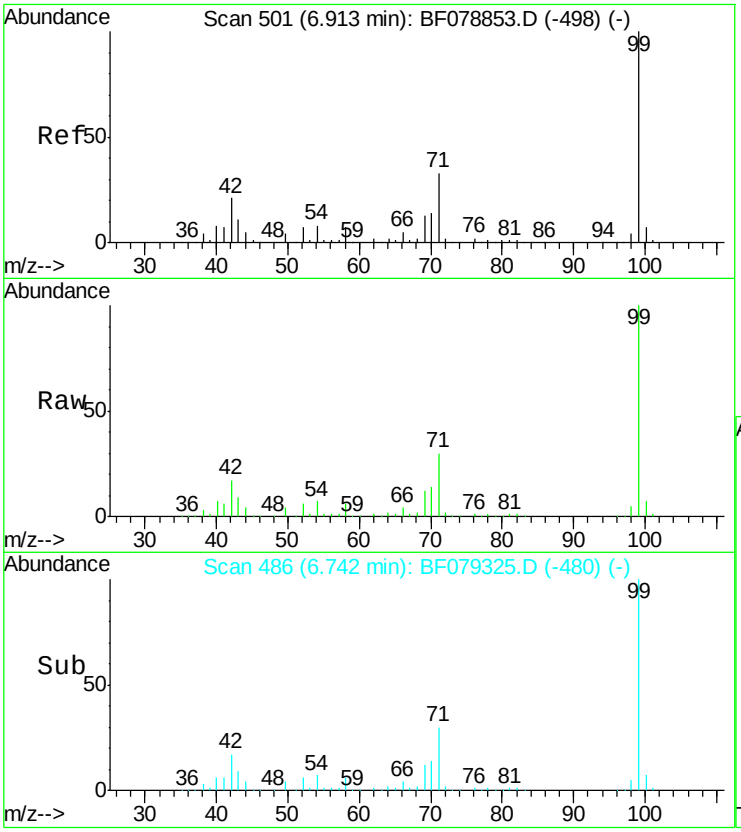


#5
2-Fluorophenol
Concen: 119.72 ng m
RT: 5.46 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:112 Resp: 332822

Ion	Ratio	Lower	Upper
112	100		
64	49.9	44.2	66.2
63	25.2	22.7	34.1



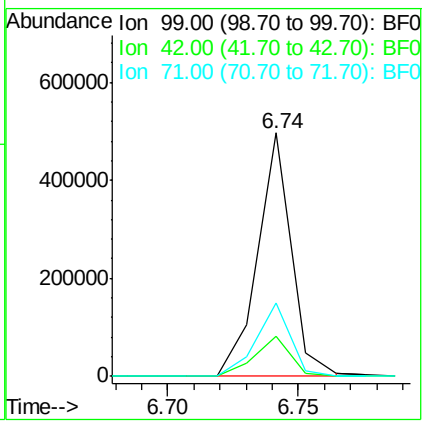


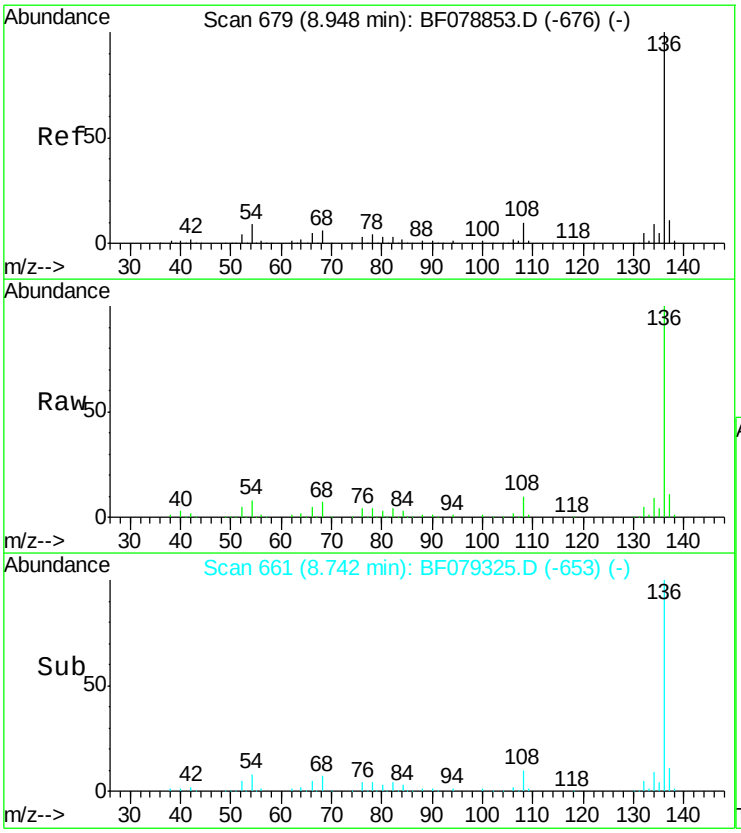
#7
Phenol-d6
Concen: 122.49 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion: 99 Resp: 450117

Ion	Ratio	Lower	Upper
99	100		
42	16.7	17.1	25.7#
71	30.1	26.3	39.5

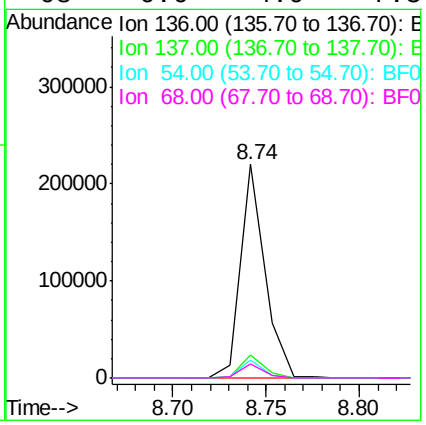


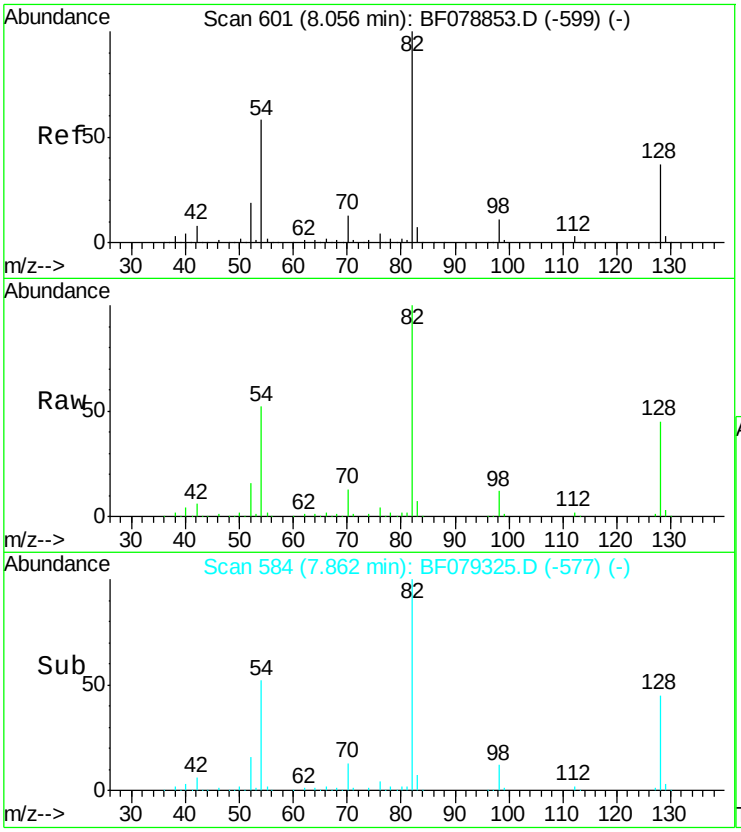


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:136 Resp: 200388

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	6.9	10.3
68	6.6	4.9	7.3



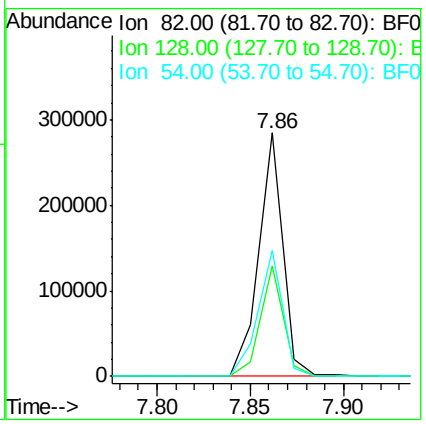


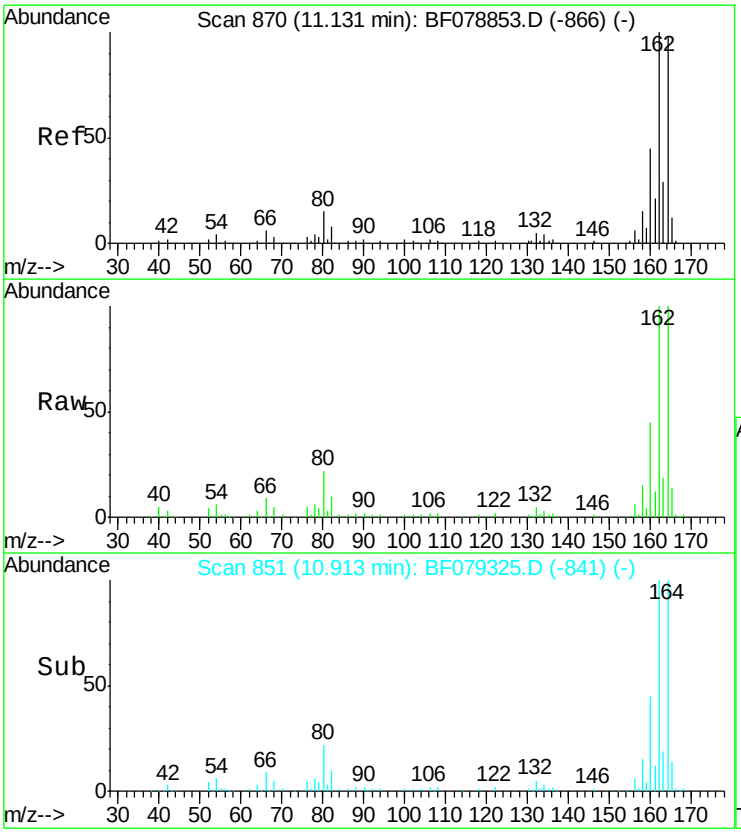
#23
Nitrobenzene-d5
Concen: 72.57 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion: 82 Resp: 253043

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	51.9	46.2	69.4

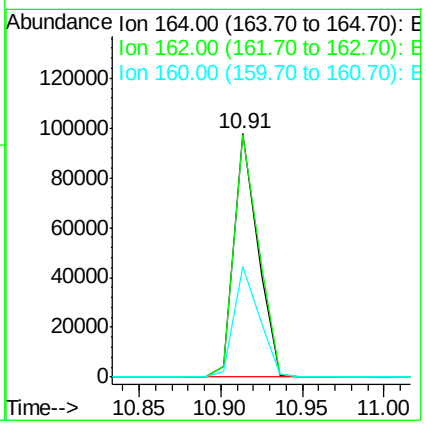


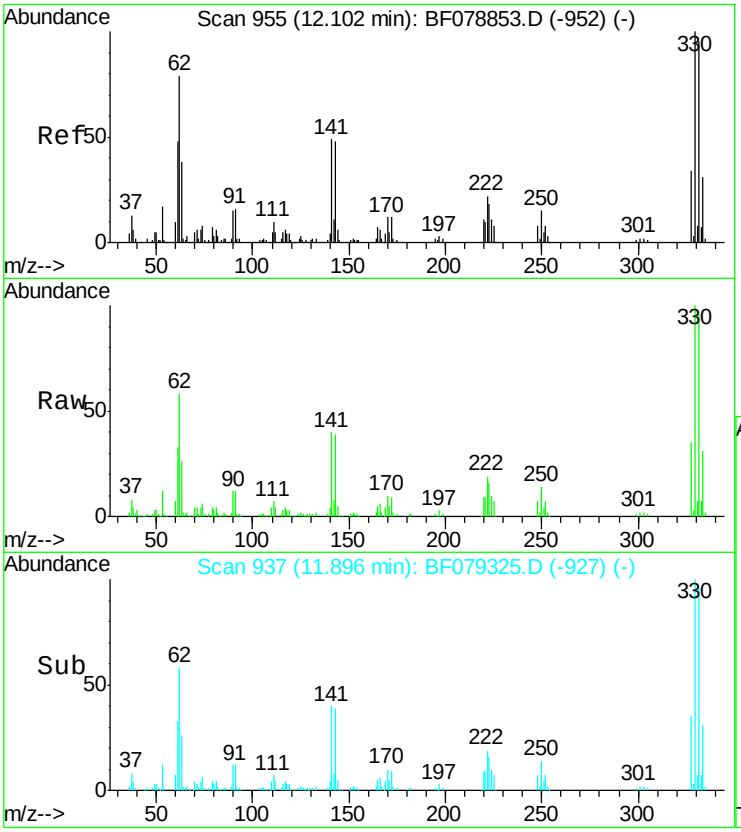


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:164 Resp: 98258

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.0
160	45.5	36.6	54.8



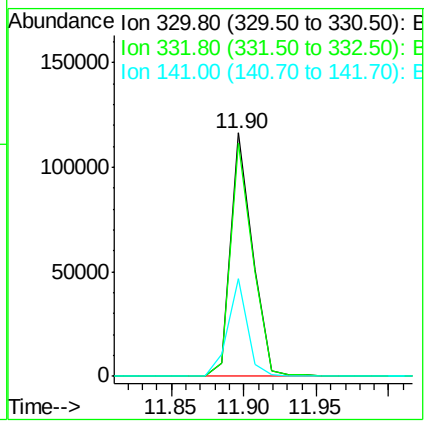


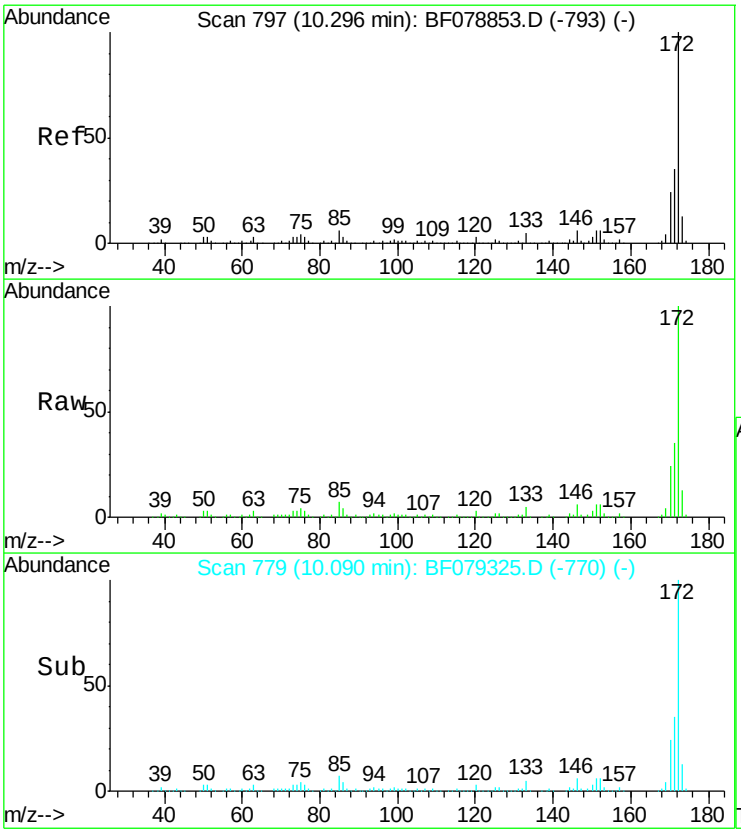
#41
2,4,6-Tribromophenol
Concen: 115.47 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:330 Resp: 122738

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	35.8	27.8	41.8

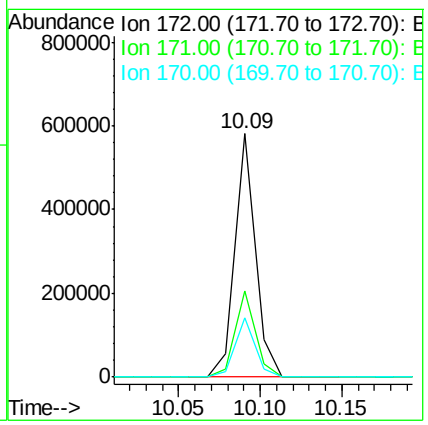


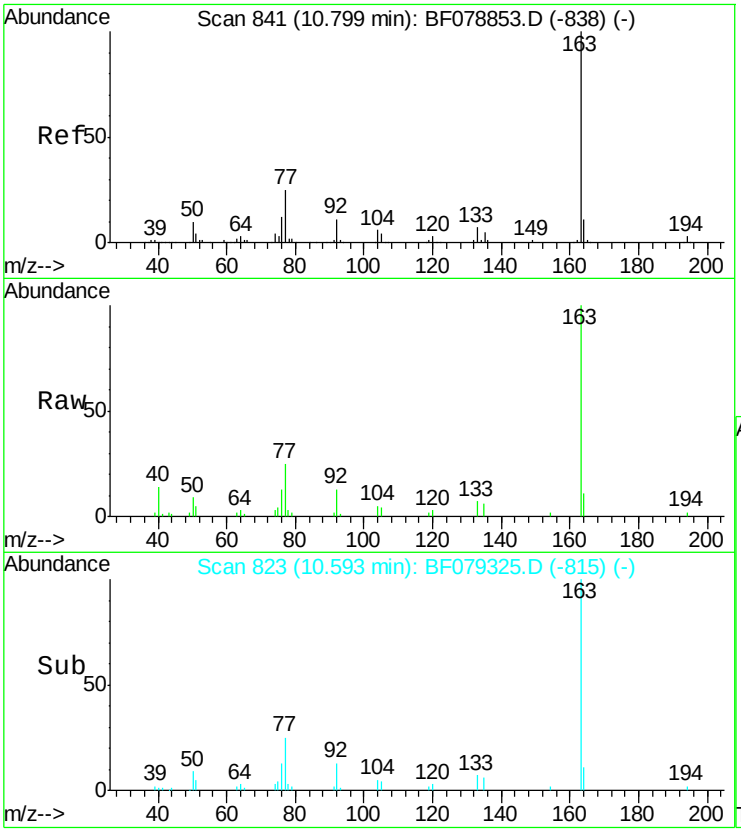


#44
2-Fluorobiphenyl
Concen: 71.24 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:172 Resp: 502417

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	24.3	19.4	29.2



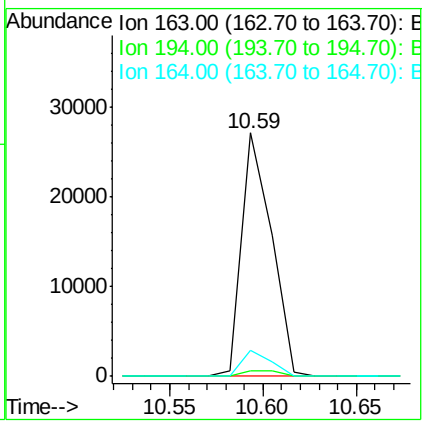


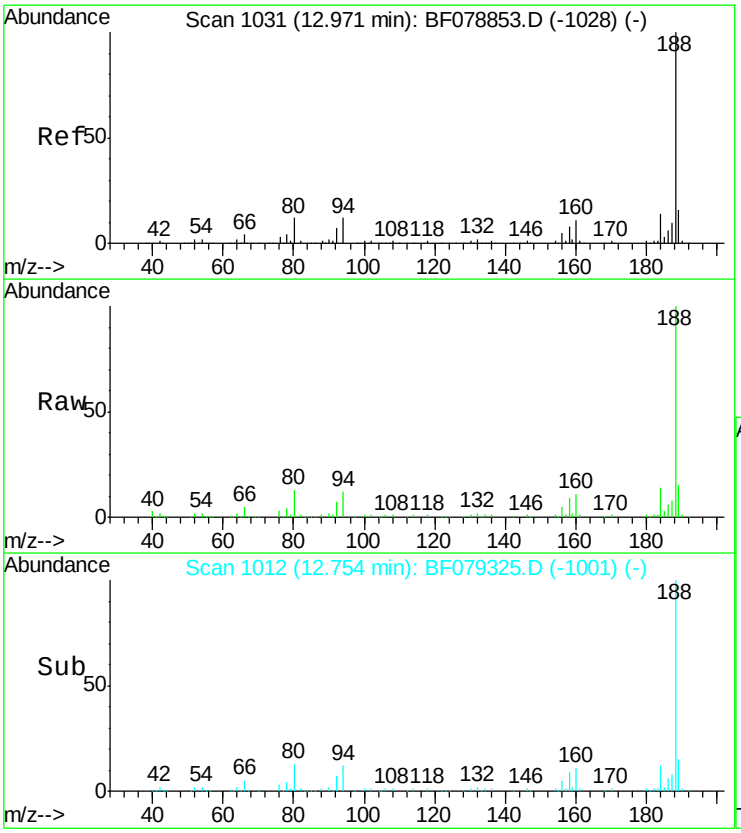
#49
Dimethylphthalate
Concen: 4.17 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:163 Resp: 30071

Ion	Ratio	Lower	Upper
163	100		
194	2.3	2.4	3.6#
164	10.6	8.6	12.8

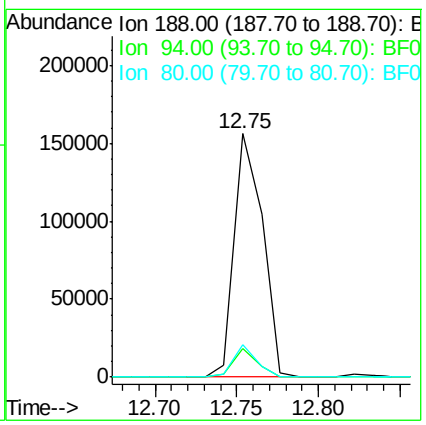


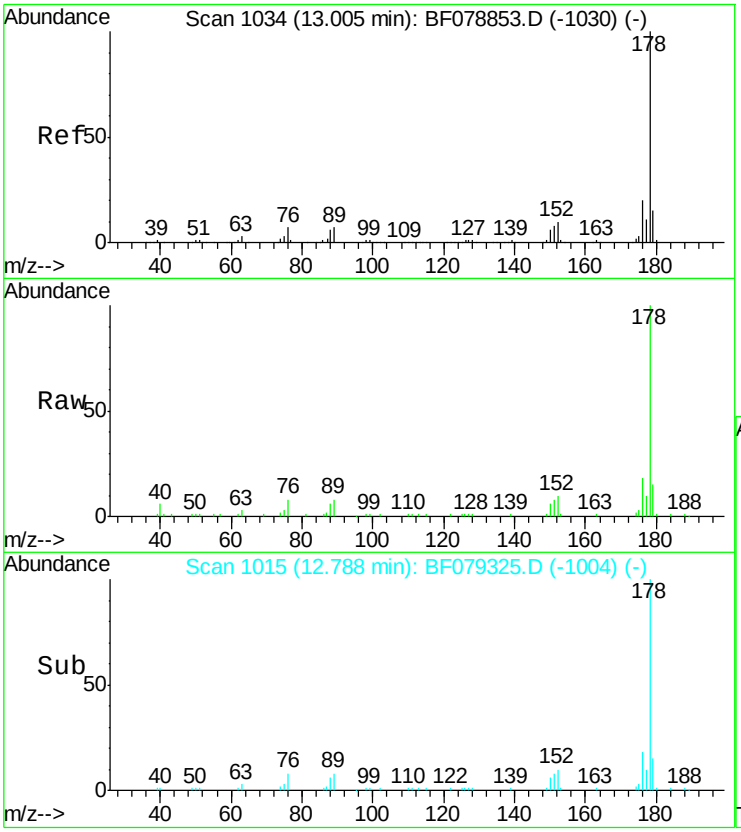


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:188 Resp: 186652

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.0
80	13.5	9.8	14.6



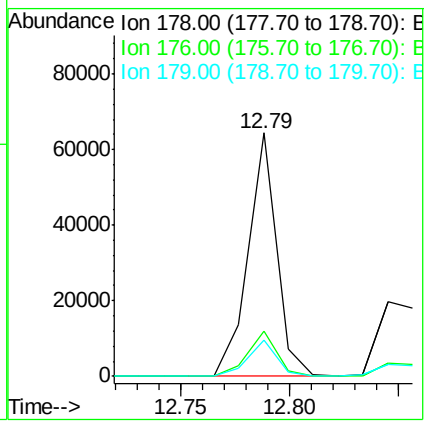


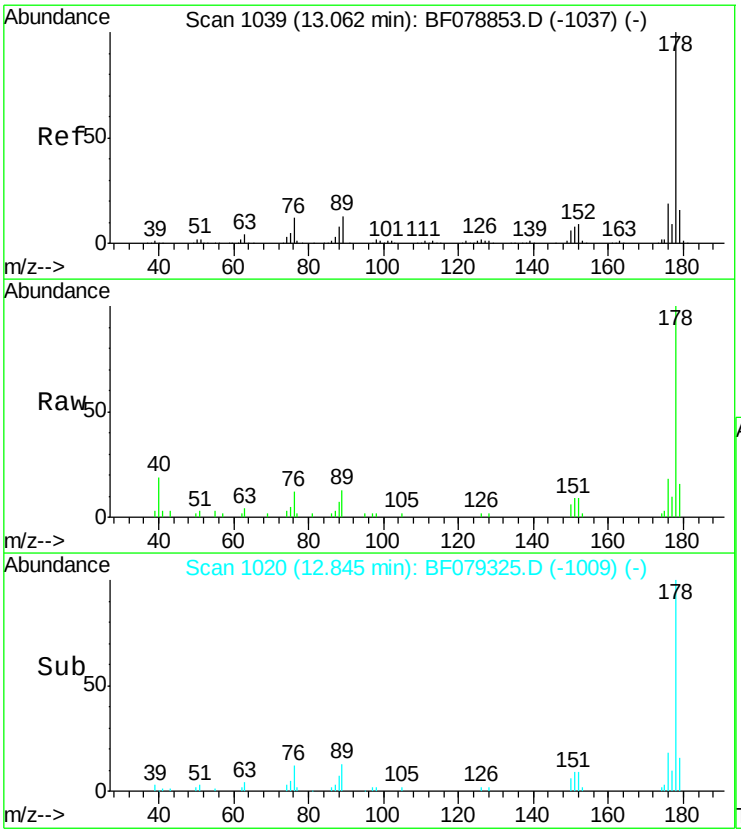
#70
Phenanthrene
Concen: 5.62 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:178 Resp: 58731

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	14.8	12.2	18.4

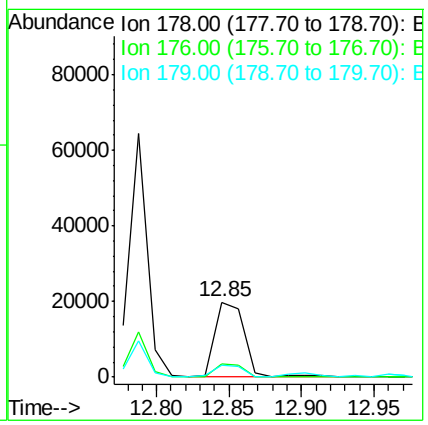


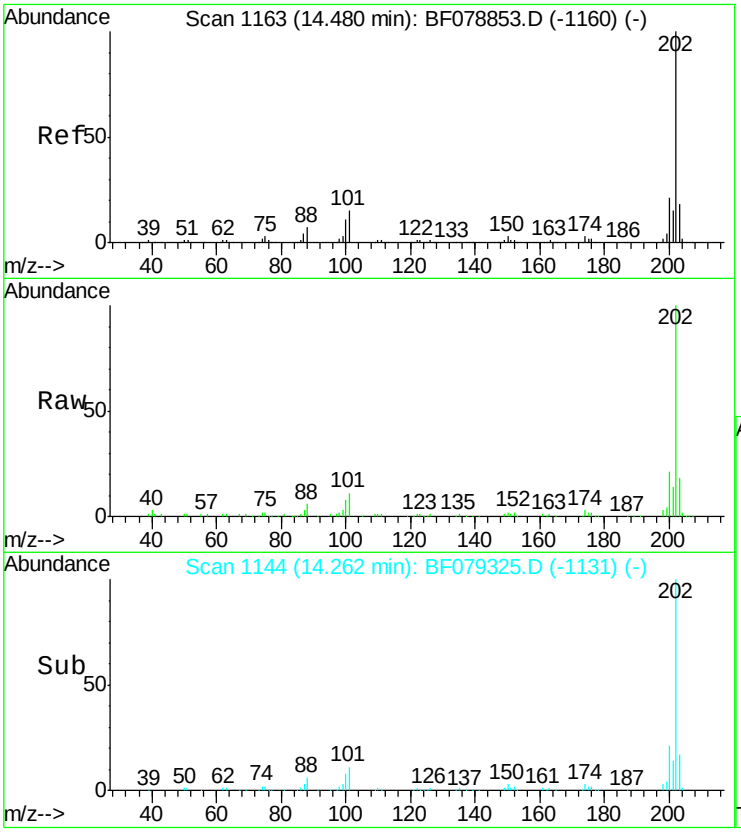


#71
Anthracene
Concen: 2.75 ng
RT: 12.85 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:178 Resp: 28122

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	16.4	12.6	19.0



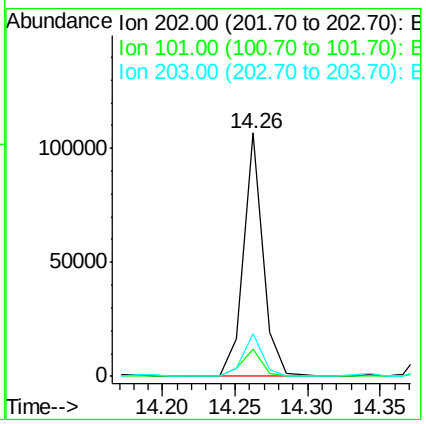


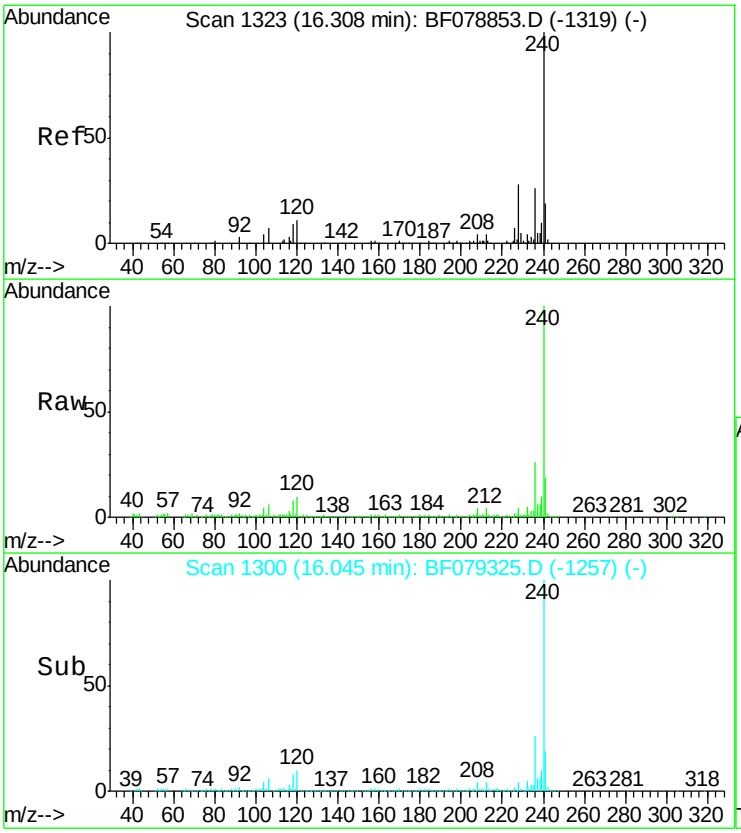
#74
Fluoranthene
Concen: 9.18 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:202 Resp: 99845

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.7
203	17.7	0.0	37.9

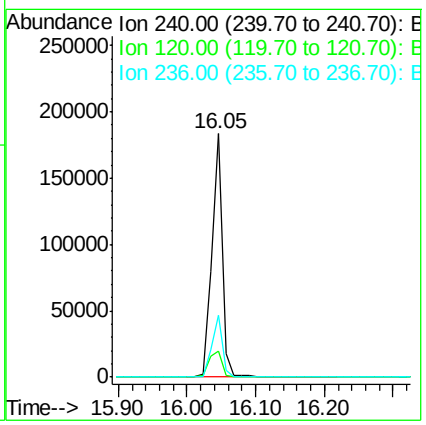


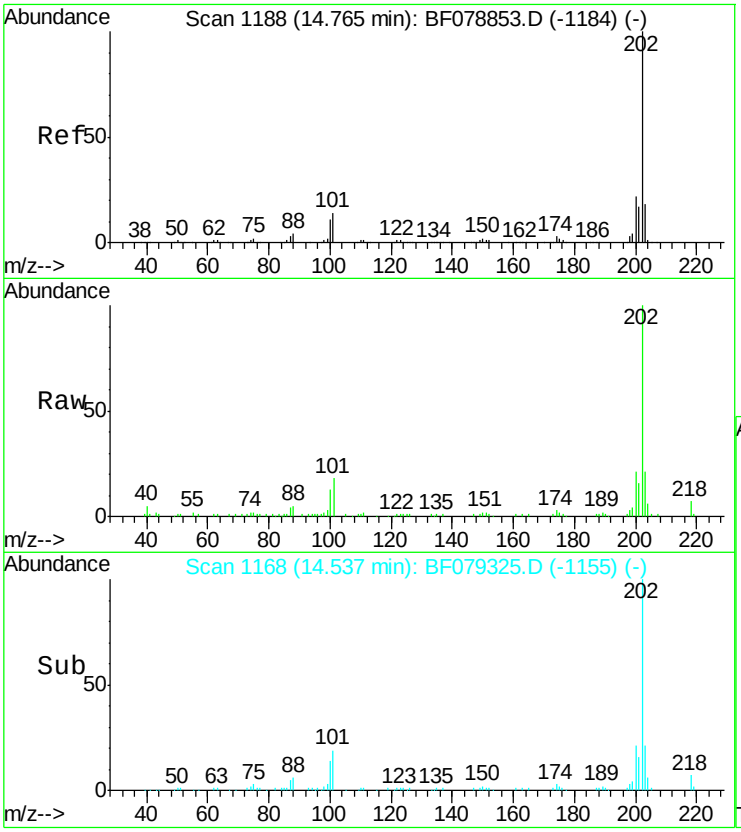


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:240 Resp: 198631

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	12.8
236	25.6	21.0	31.6



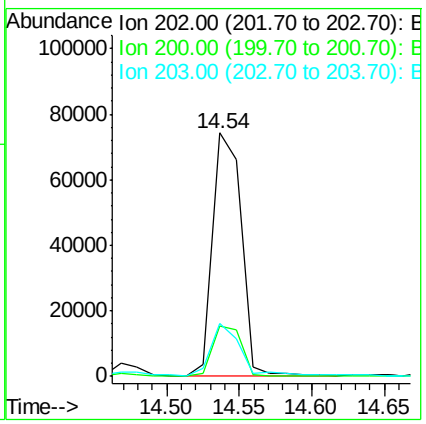


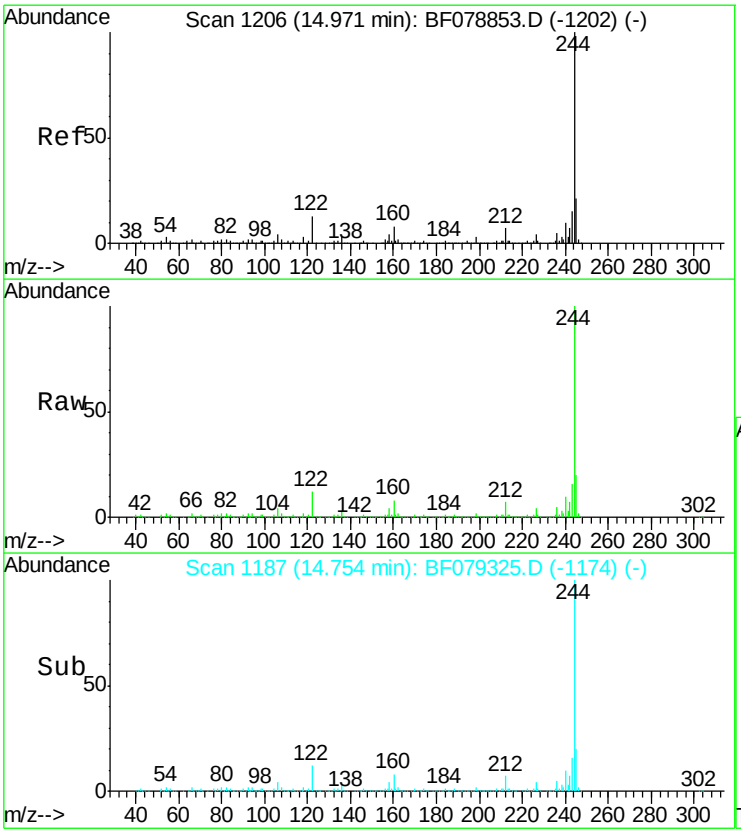
#77
Pyrene
Concen: 8.96 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:202 Resp: 102603

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	21.5	14.7	22.1

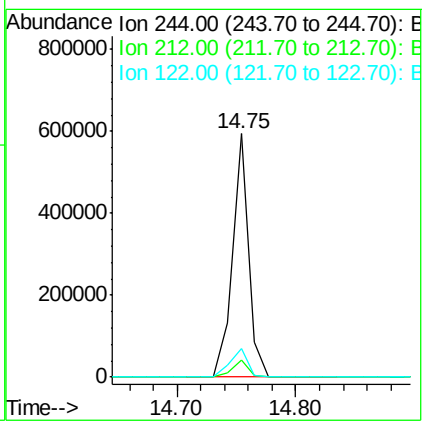


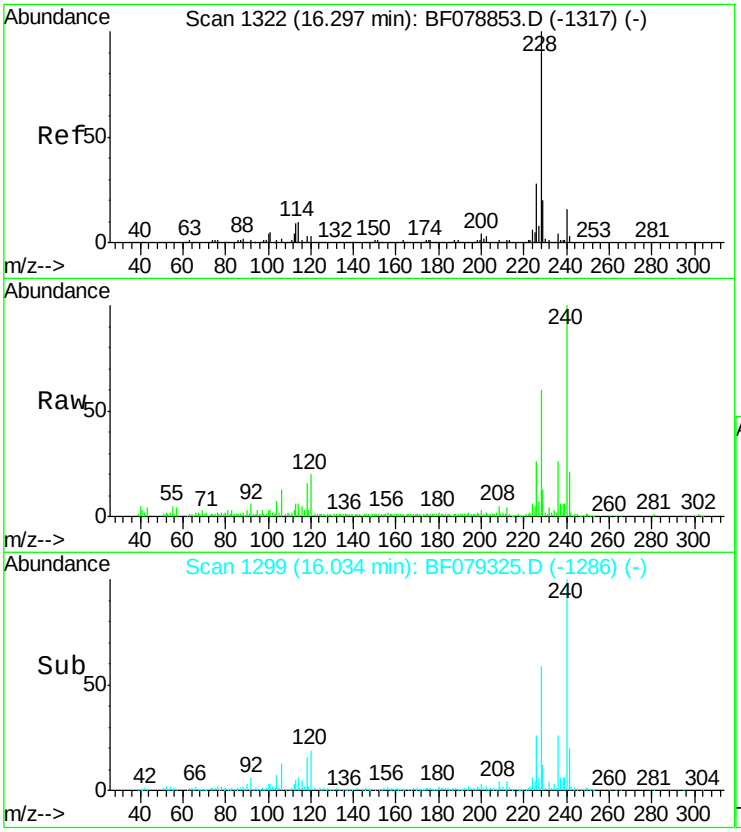


#78
Terphenyl-d14
Concen: 67.60 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:244 Resp: 560827

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	10.5	15.7



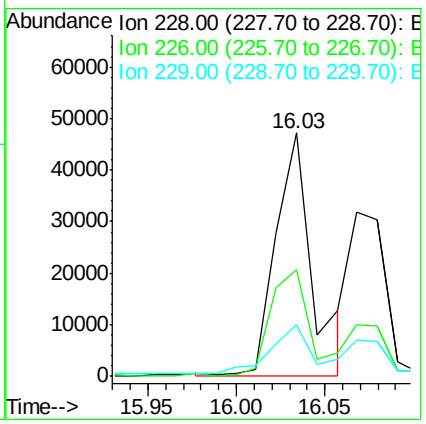


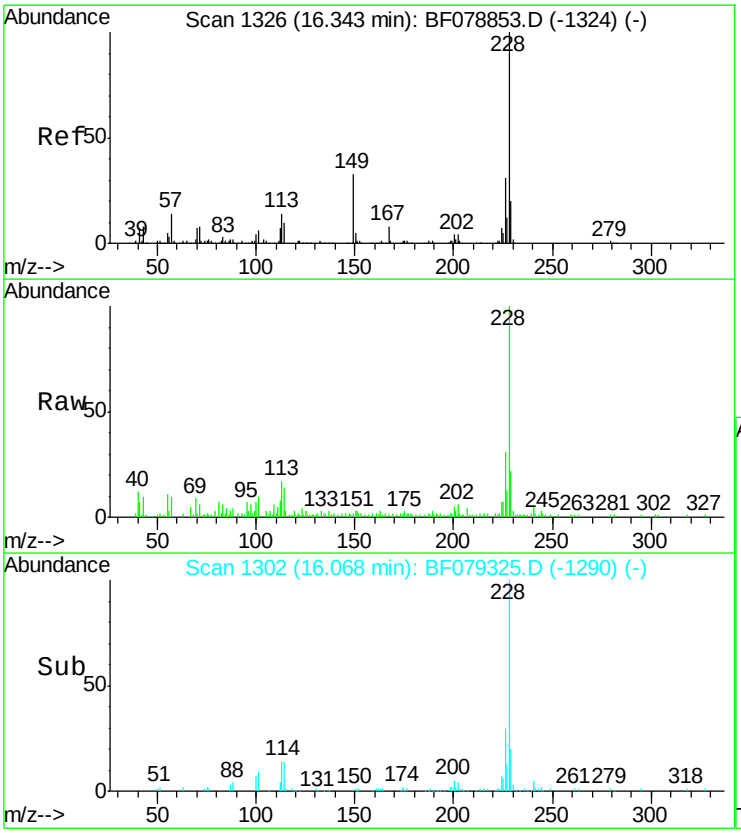
#80
Benzo(a)anthracene
Concen: 6.19 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:228 Resp: 67279

Ion	Ratio	Lower	Upper
228	100		
226	43.8	22.3	33.5#
229	21.3	16.1	24.1

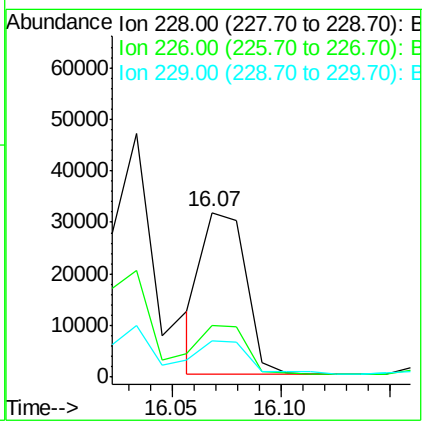


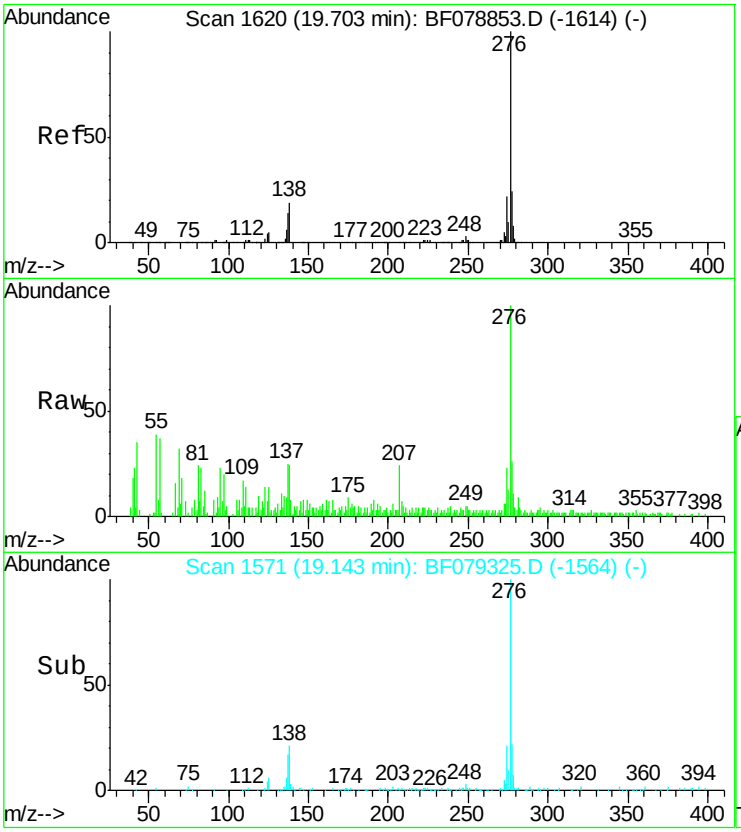


#82
Chrysene
Concen: 4.21 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:228 Resp: 44038

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	21.8	16.1	24.1



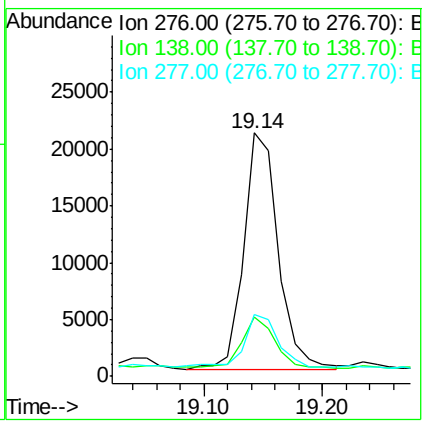


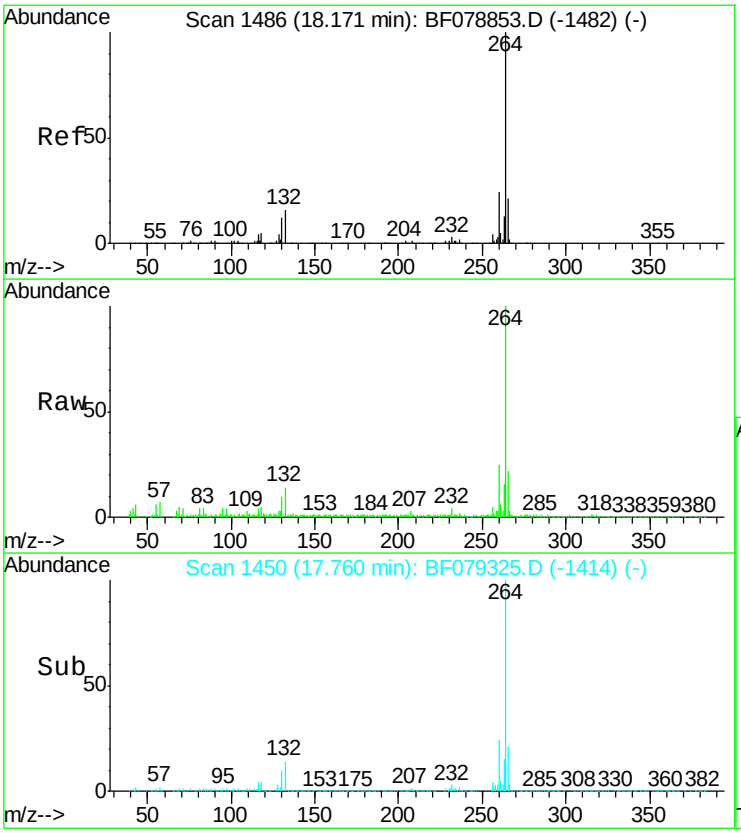
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.19 ng
RT: 19.14 min Scan# 1571
Delta R.T. -0.13 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:276 Resp: 42473

Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.1	31.7
277	22.3	19.9	29.9

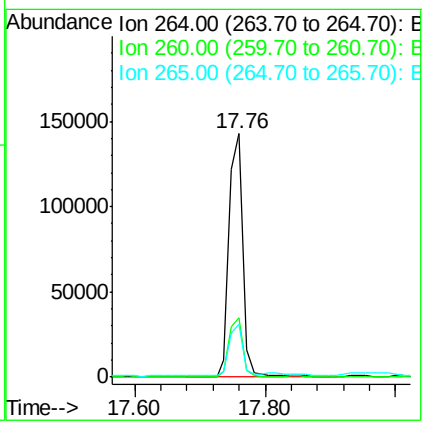


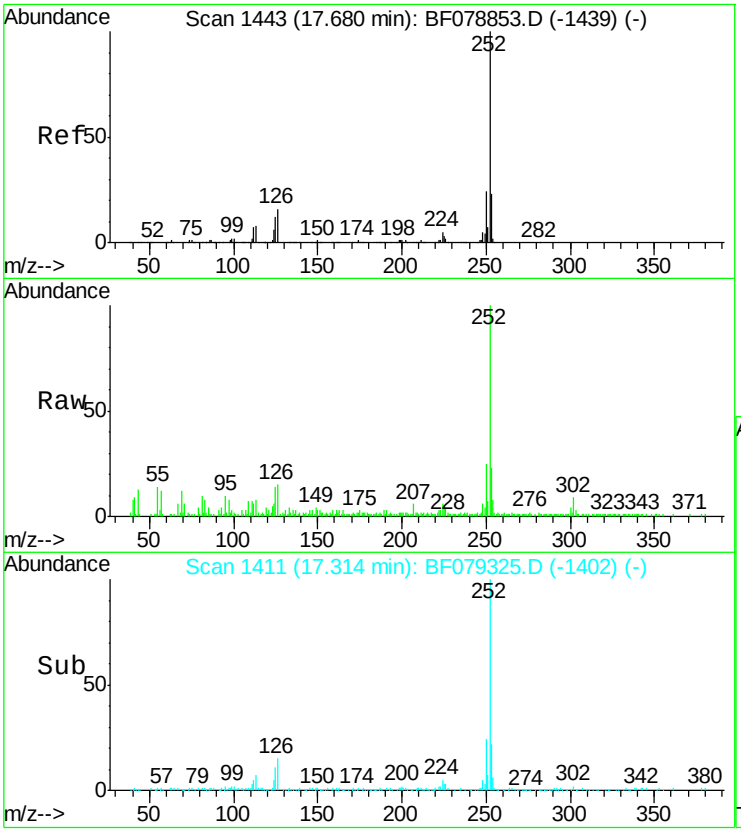


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.09 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:264 Resp: 204592

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.2	25.8



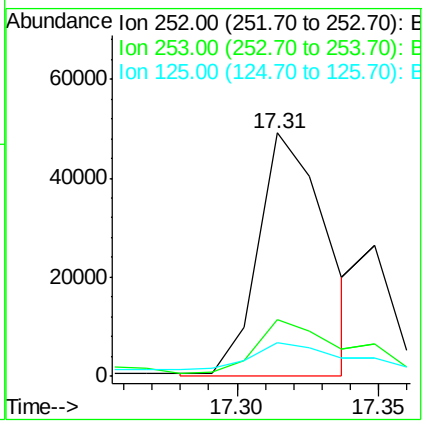


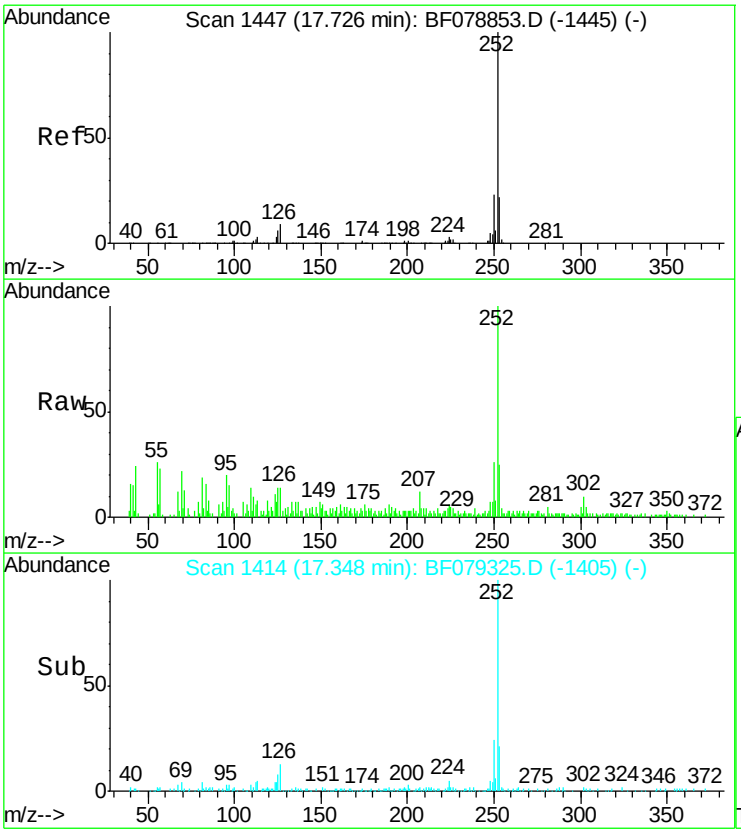
#87
Benzo(b)fluoranthene
Concen: 7.33 ng m
RT: 17.31 min Scan# 1411
Delta R.T. -0.08 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:252 Resp: 82138

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	13.8	9.4	14.2

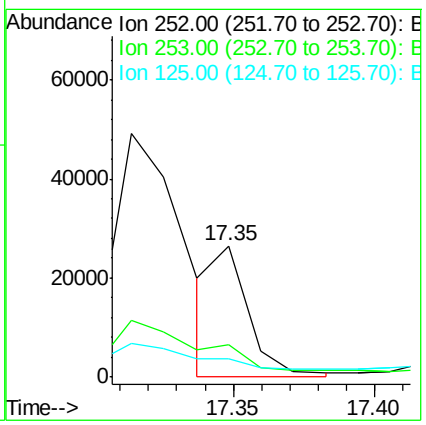


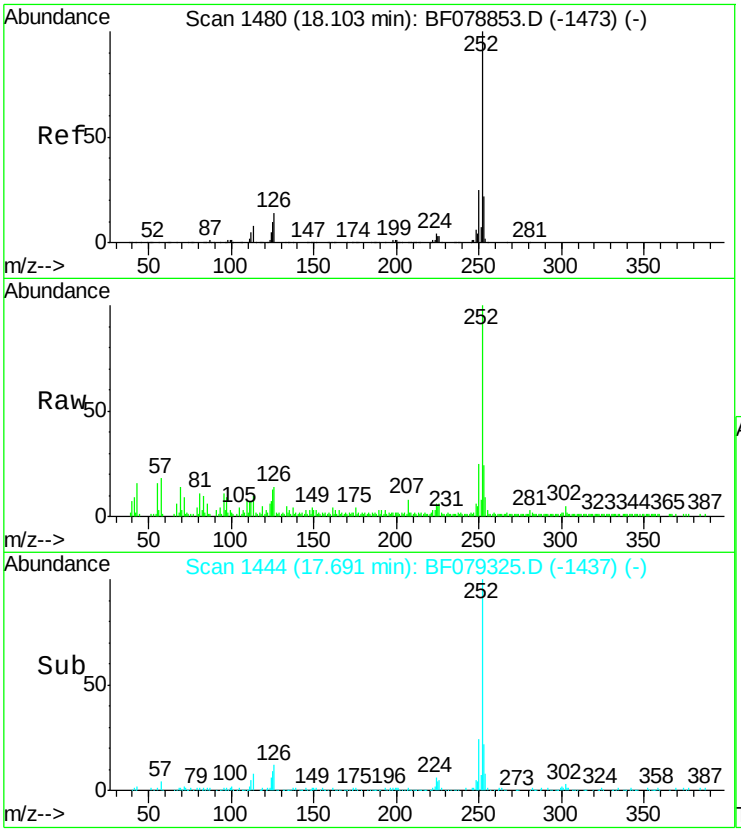


#88
Benzo(k)fluoranthene
Concen: 2.14 ng m
RT: 17.35 min Scan# 1414
Delta R.T. -0.08 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:252 Resp: 23148

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	13.5	6.1	9.1#



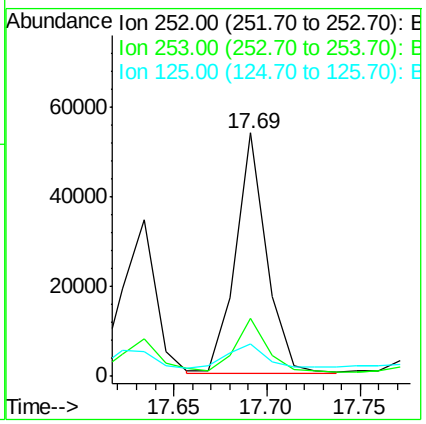


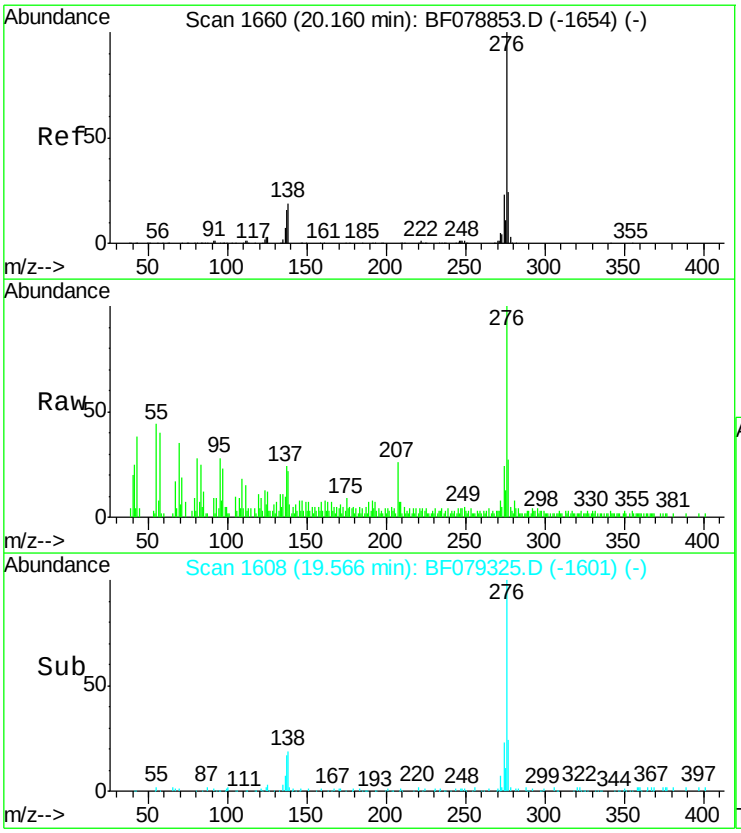
#89
Benzo(a)pyrene
Concen: 5.98 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.10 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tgt Ion:252 Resp: 61688

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.2	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 19.57 min Scan# 1608
Delta R.T. -0.13 min
Lab File: BF079325.D
Acq: 19 May 2015 1:33

Tgt Ion:276 Resp: 41784

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.8	28.2
138	22.4	15.2	22.8