Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079332.D
Acq On : 19 May 2015 4:55
Operator : TP/IZ
Sample : G2283-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-D1

Quant Time: May 19 05:41:03 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 05:25:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47913	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	203584	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	103576	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	196319	20.00	ng		0.01
75) Chrysene-d12	16.05	240	200510	20.00	ng		-0.01
86) Perylene-d12	17.79	264	211936	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	315214m	113.25	ng		0.01
7) Phenol-d6	6.74	99	411172	111.76	ng		0.00
23) Nitrobenzene-d5	7.86	82	245497	69.30	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	132009	117.81	ng		0.01
44) 2-Fluorobiphenyl	10.09	172	503054	67.67	ng		0.00
78) Terphenyl-d14	14.75	244	567875	67.81	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	10.74	152	29928	2.84	ng		98
49) Dimethylphthalate	10.61	163	62440	8.21	ng	#	97
70) Phenanthrene	12.79	178	116415	10.60	ng		100
71) Anthracene	12.86	178	39720	3.69	ng		99
74) Fluoranthene	14.26	202	217322	18.99	ng		100
77) Pyrene	14.55	202	205818	17.81	ng		99
80) Benzo(a)anthracene	16.03	228	130537m	11.89	ng		
82) Chrysene	16.08	228	115189	10.91	ng		98
85) Indeno(1,2,3-cd)pyrene	19.19	276	88977	6.61	ng	#	92
87) Benzo(b)fluoranthene	17.35	252	163132m	14.06	ng		
88) Benzo(k)fluoranthene	17.37	252	57246m	5.10	ng		
89) Benzo(a)pyrene	17.73	252	123214	11.54	ng	#	96
91) Benzo(g,h,i)perylene	19.61	276	87763	7.71	ng		94

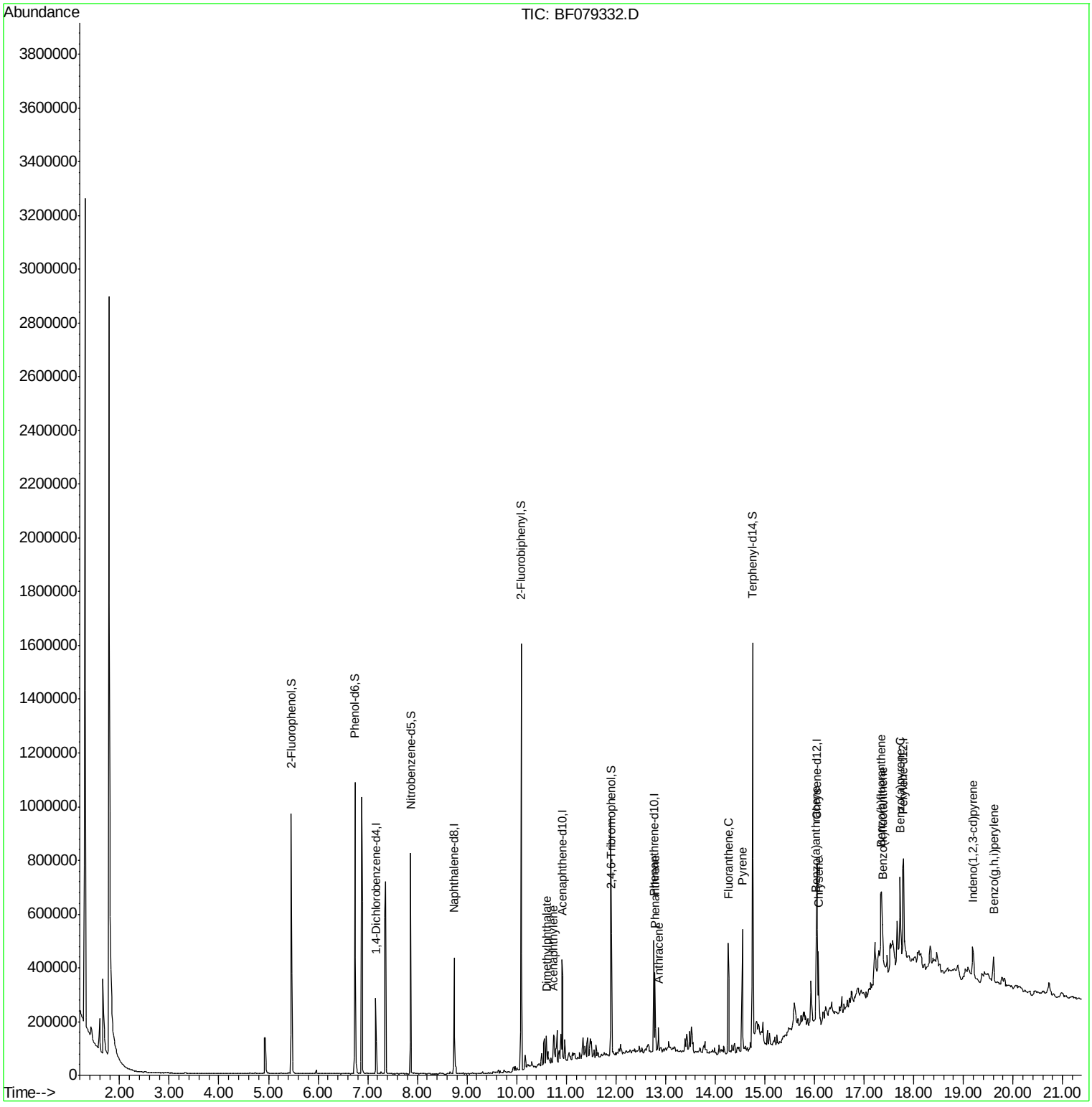
(#) = qualifier out of range (m) = manual integration (+) = signals summed

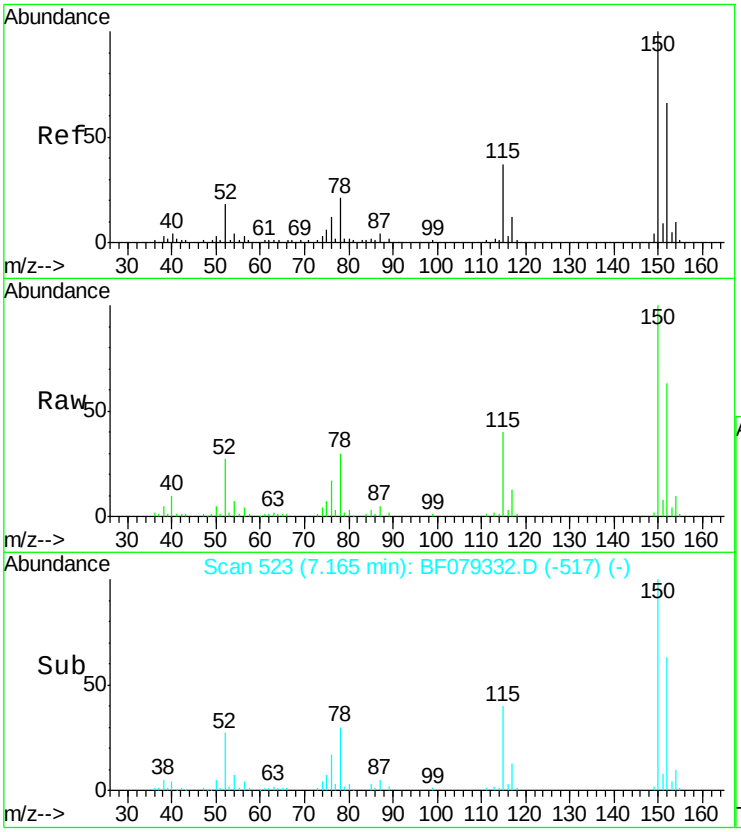
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079332.D
Acq On : 19 May 2015 4:55
Operator : TP/IZ
Sample : G2283-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Quant Time: May 19 05:41:03 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 05:25:25 2015
Response via : Initial Calibration



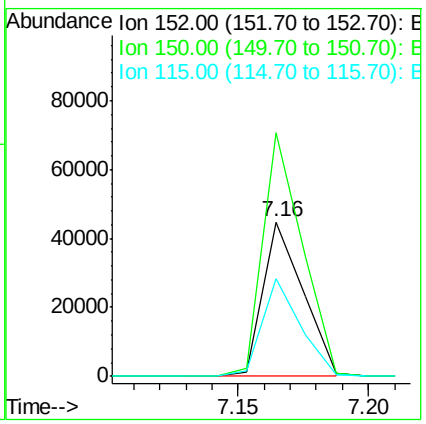


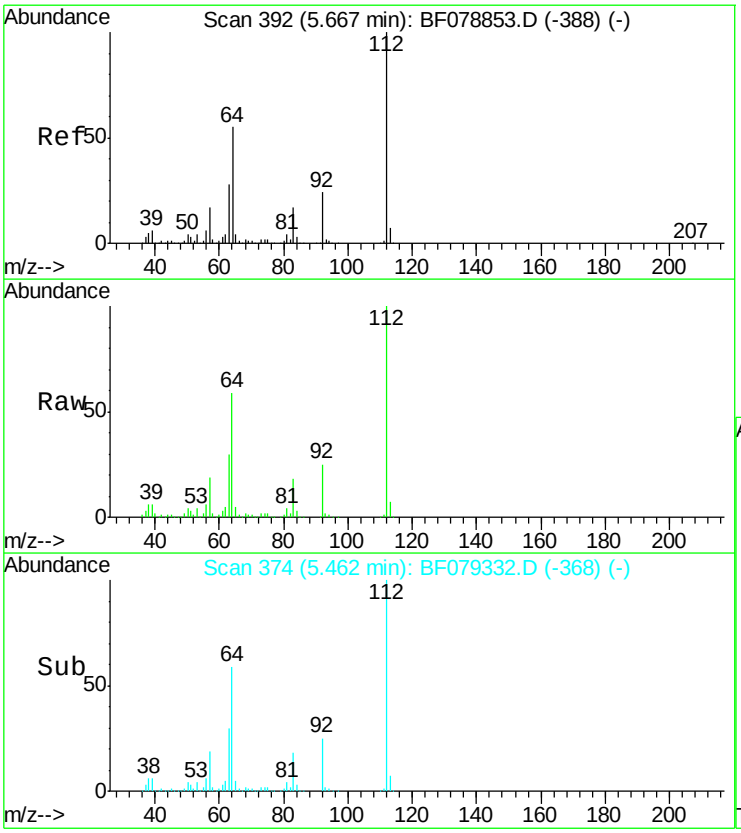
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:152 Resp: 47913

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.8
115	63.7	49.4	74.0

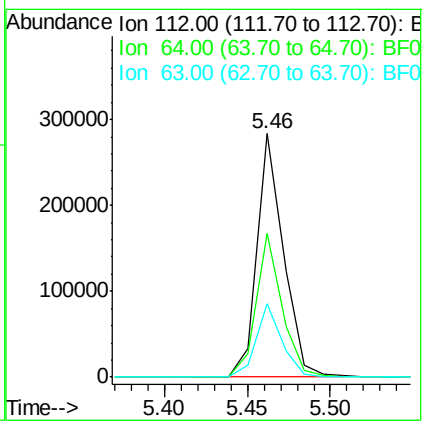


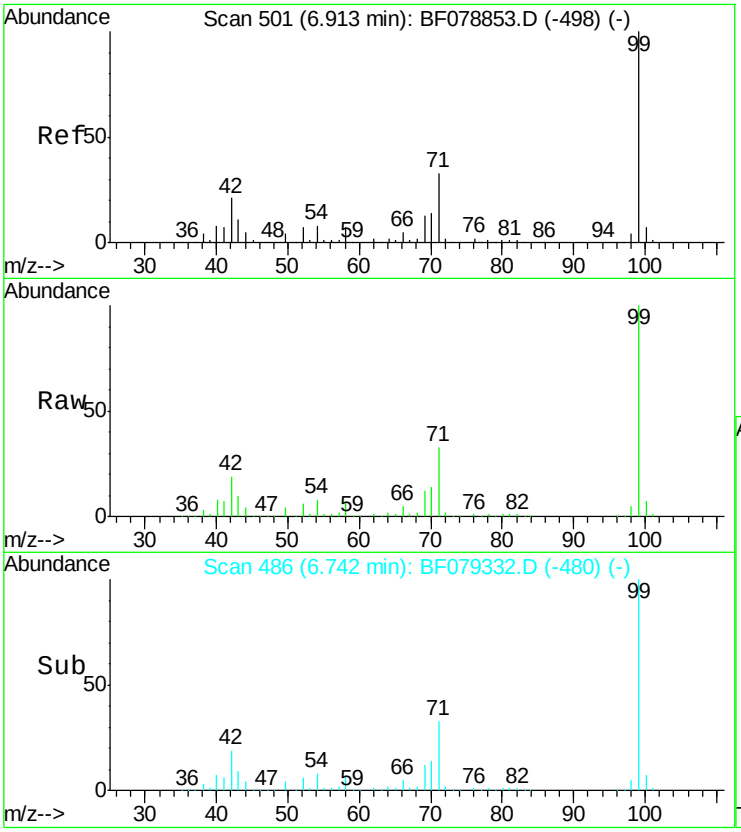


#5
2-Fluorophenol
Concen: 113.25 ng m
RT: 5.46 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:112 Resp: 315214

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.2	66.2
63	30.2	22.7	34.1



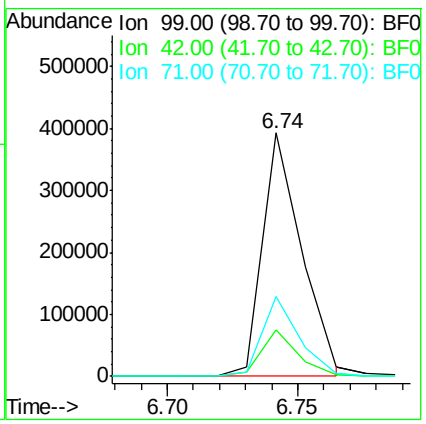


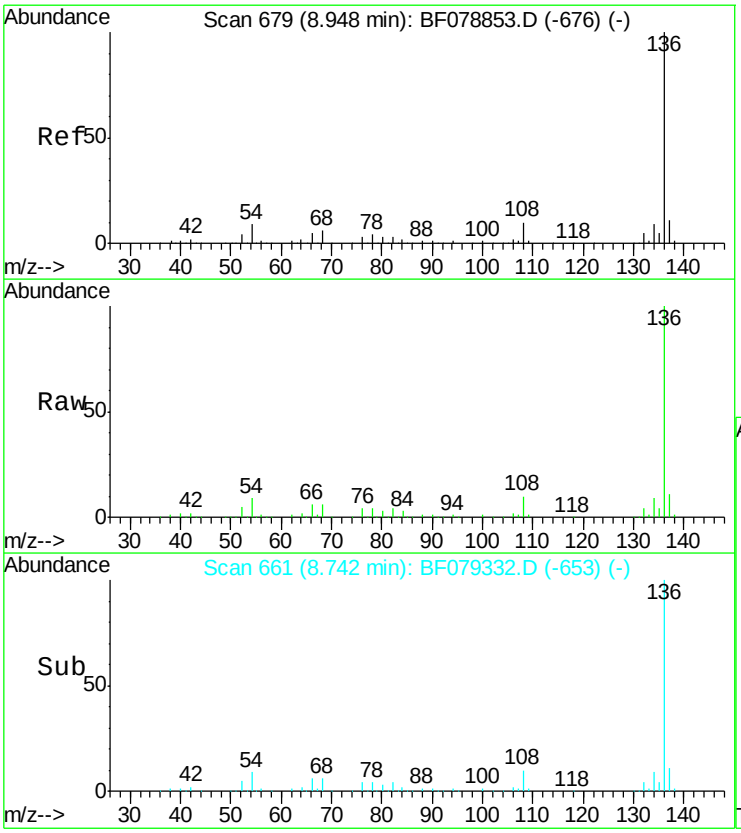
#7
Phenol-d6
Concen: 111.76 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion: 99 Resp: 411172

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.1	25.7
71	32.8	26.3	39.5

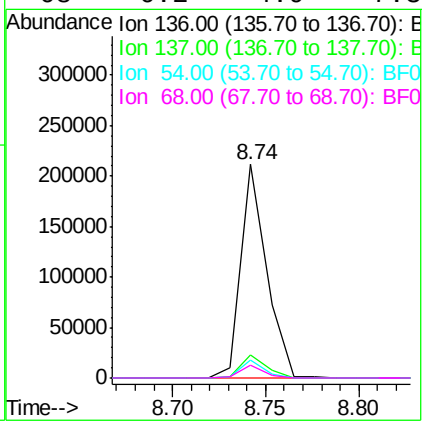


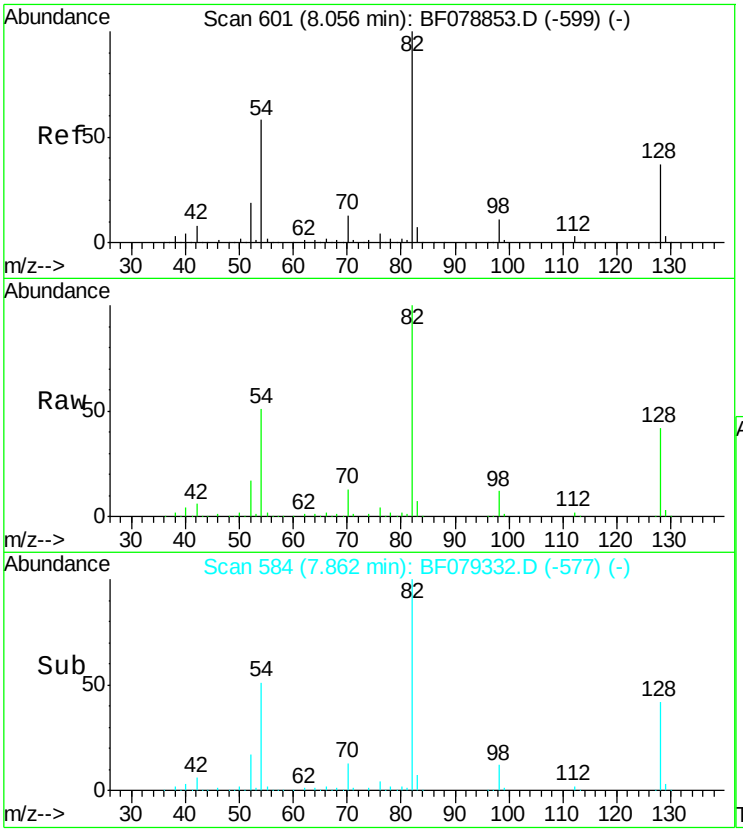


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:136 Resp: 203584

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.7	6.9	10.3
68	6.2	4.9	7.3



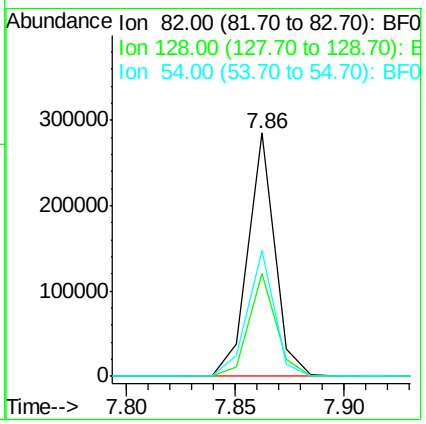


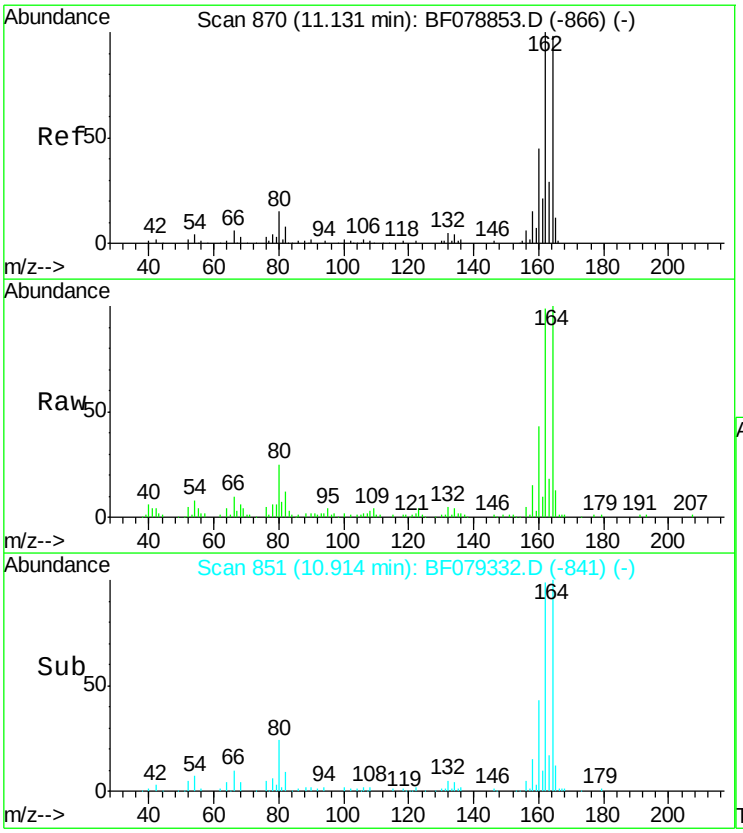
#23
Nitrobenzene-d5
Concen: 69.30 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion: 82 Resp: 245497

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	51.4	46.2	69.4

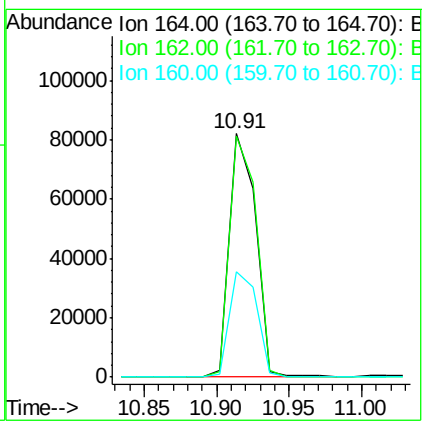


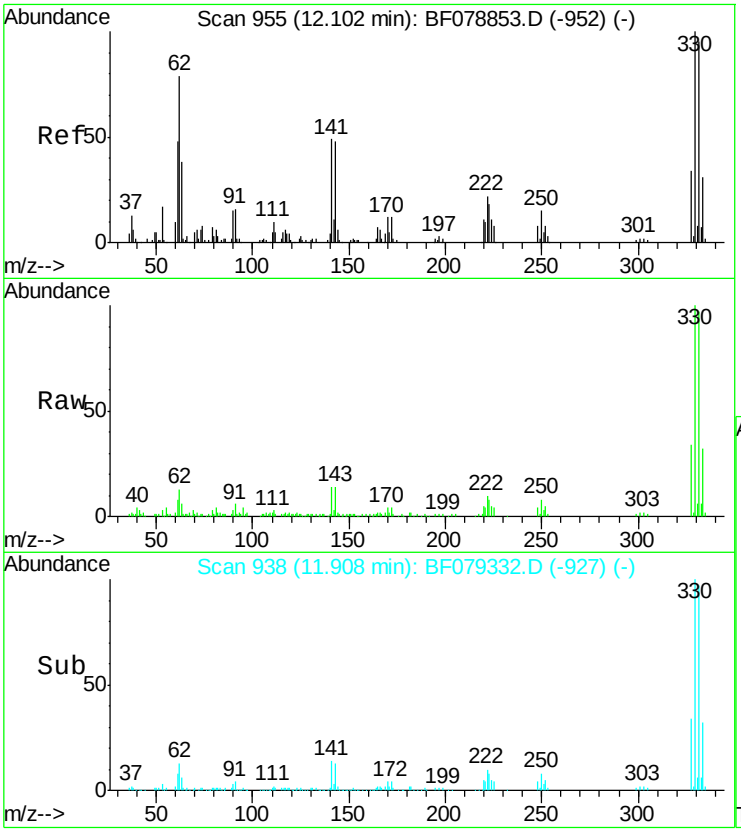


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:164 Resp: 103576

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.4	36.6	54.8



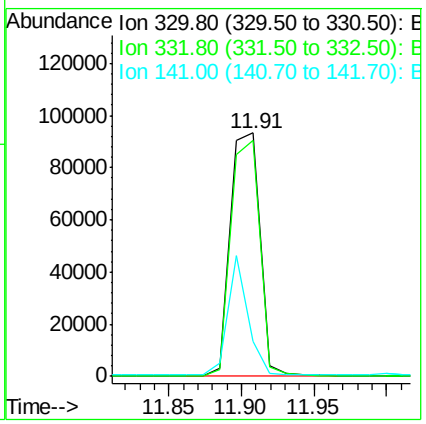


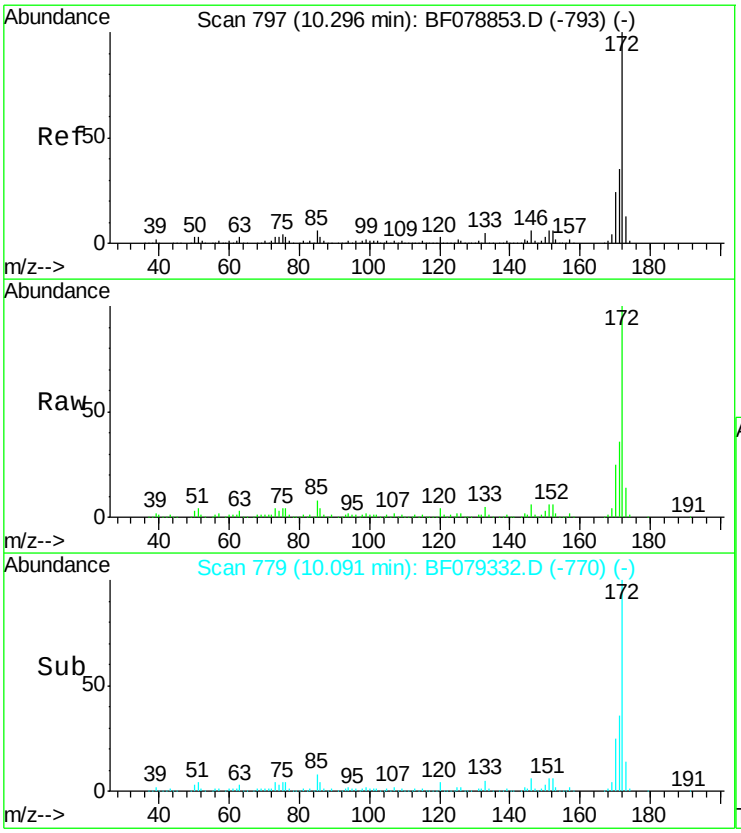
#41
2,4,6-Tribromophenol
Concen: 117.81 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:330 Resp: 132009

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	33.8	27.8	41.8

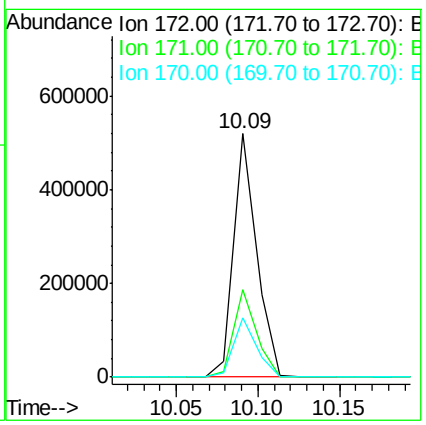


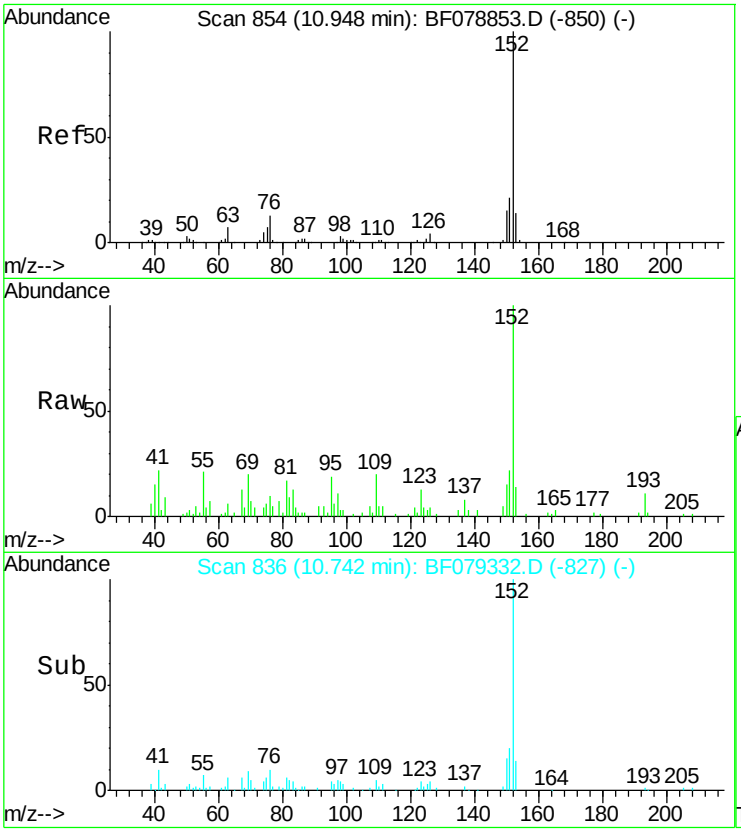


#44
2-Fluorobiphenyl
Concen: 67.67 ng
RT: 10.09 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:172 Resp: 503054

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.6	19.4	29.2



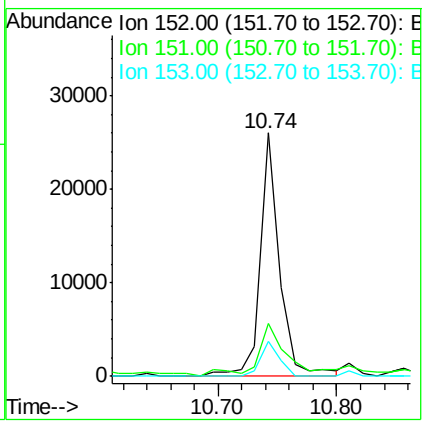


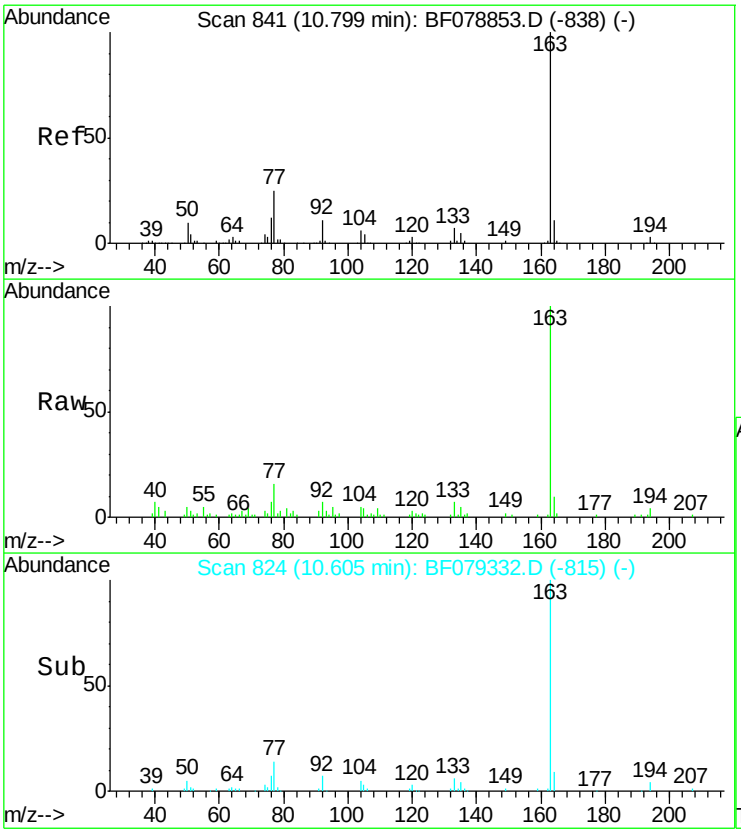
#48
Acenaphthylene
Concen: 2.84 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:152 Resp: 29928

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.6	24.8
153	14.2	11.0	16.6

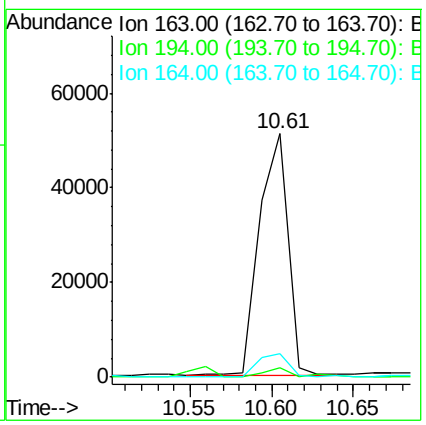


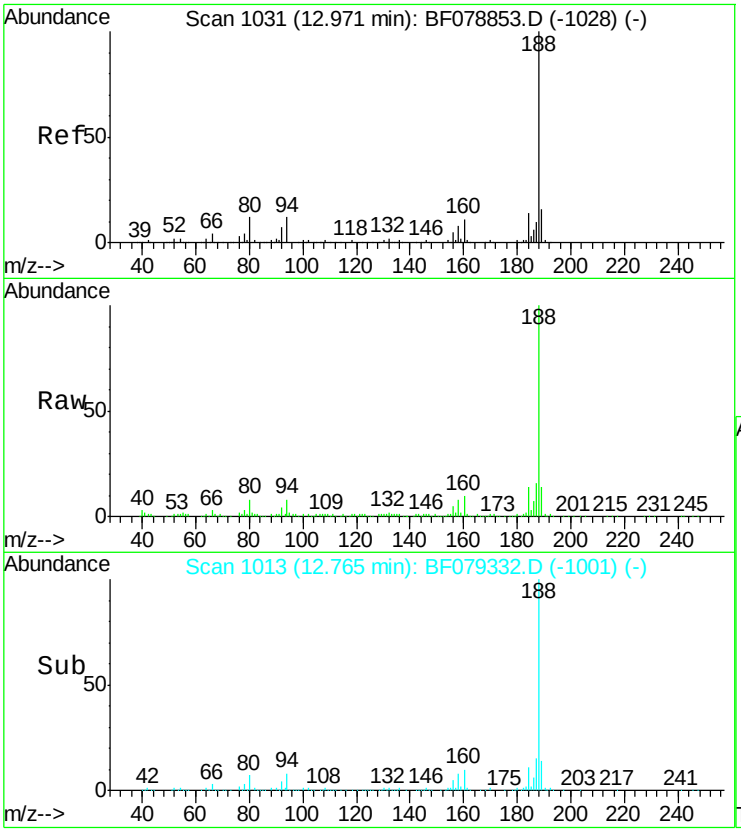


#49
Dimethylphthalate
Concen: 8.21 ng
RT: 10.61 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:163 Resp: 62440

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.4	3.6#
164	9.6	8.6	12.8



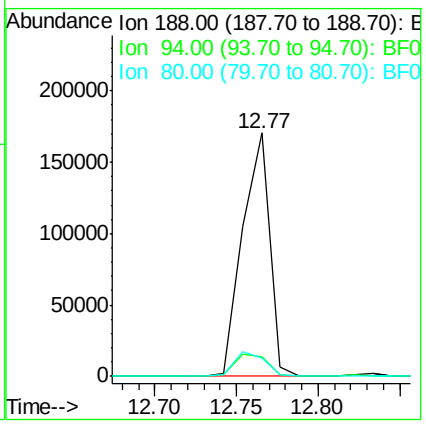


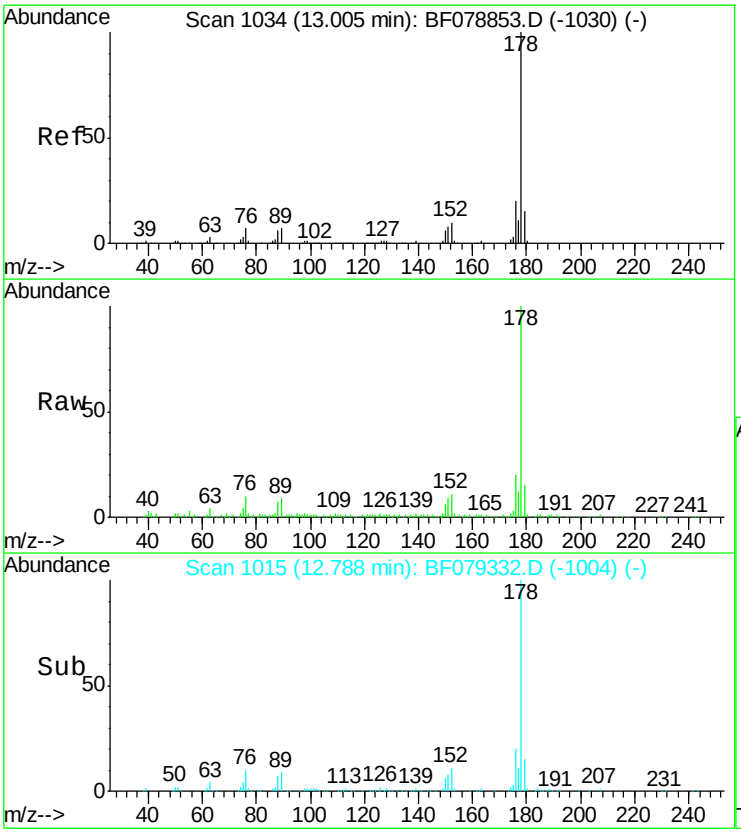
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:188 Resp: 196319

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.0#
80	7.8	9.8	14.6#

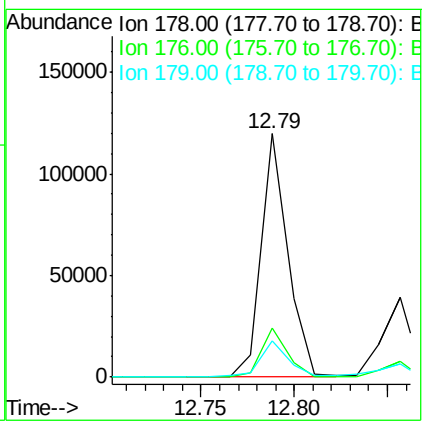


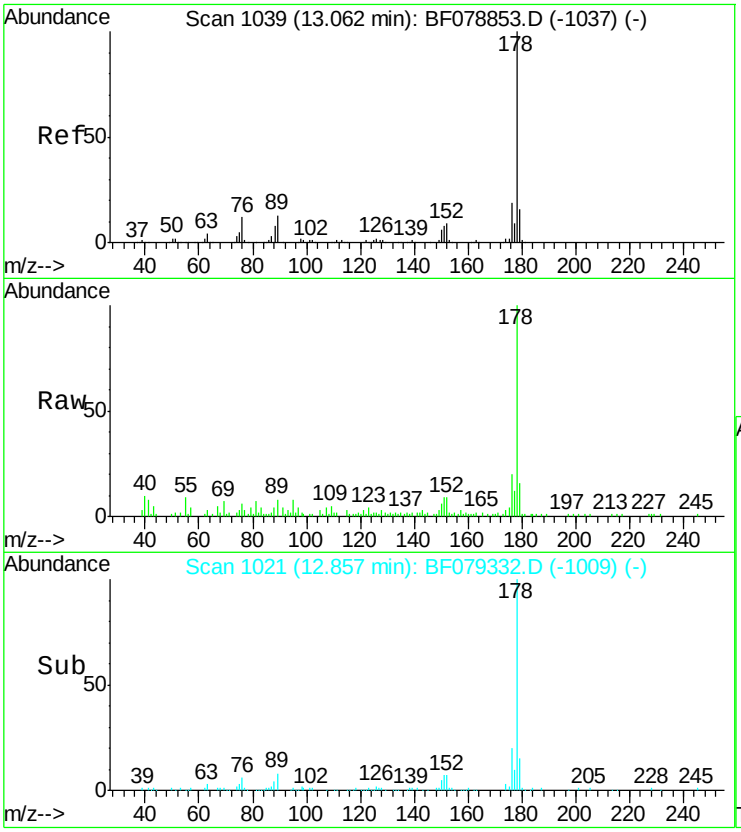


#70
Phenanthrene
Concen: 10.60 ng
RT: 12.79 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:178 Resp: 116415

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.1	12.2	18.4



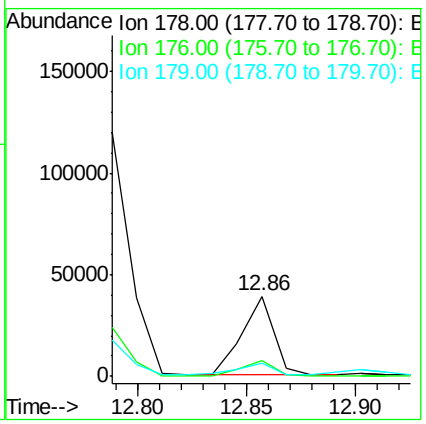


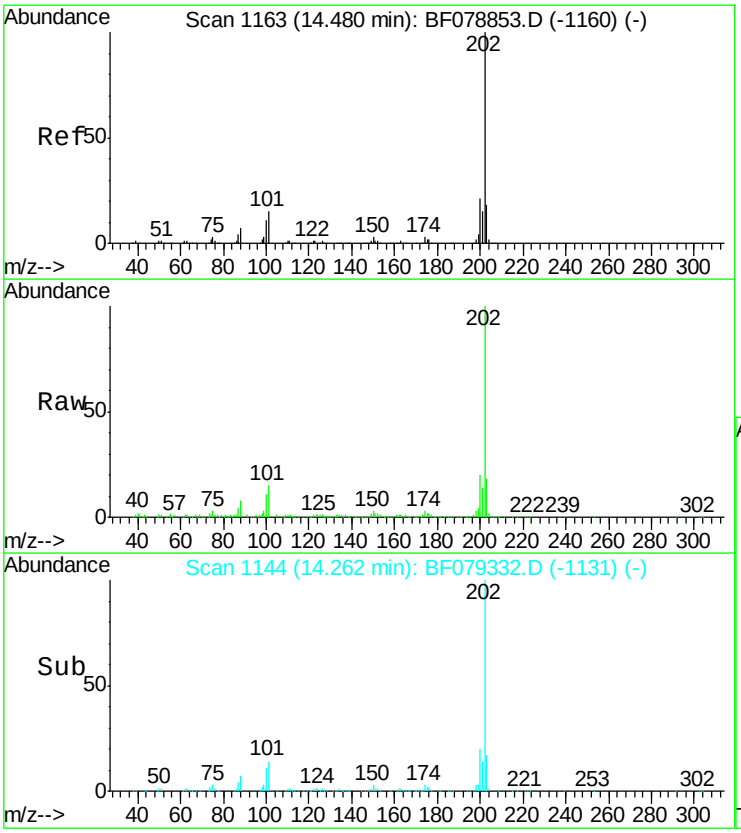
#71
Anthracene
Concen: 3.69 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:178 Resp: 39720

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.8	12.6	19.0

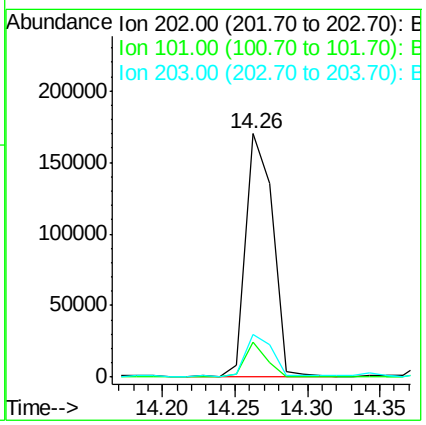


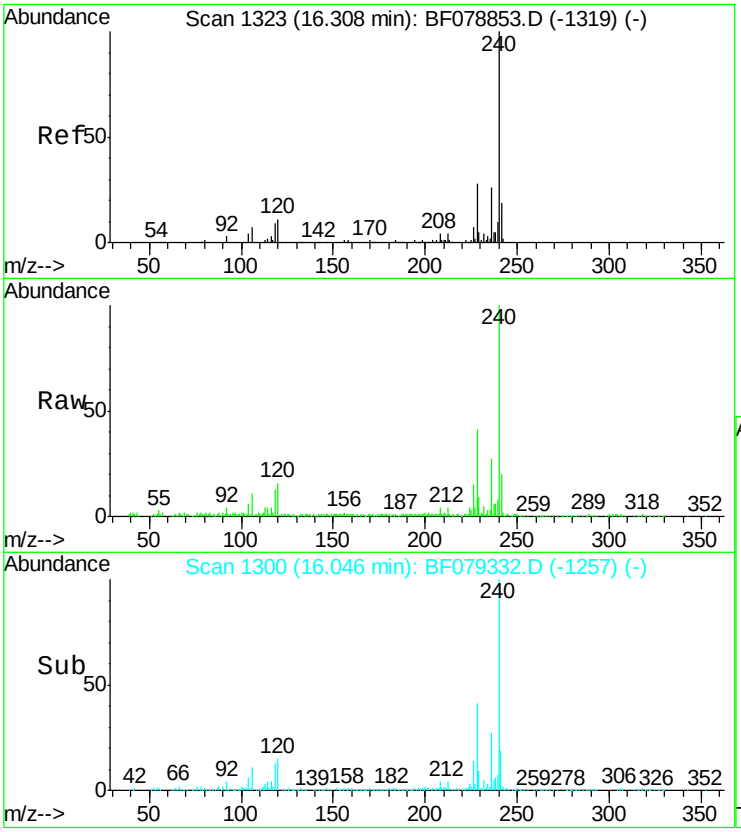


#74
Fluoranthene
Concen: 18.99 ng
RT: 14.26 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:202 Resp: 217322

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.7
203	17.8	0.0	37.9



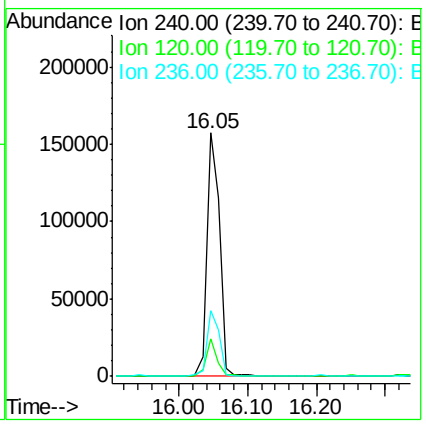


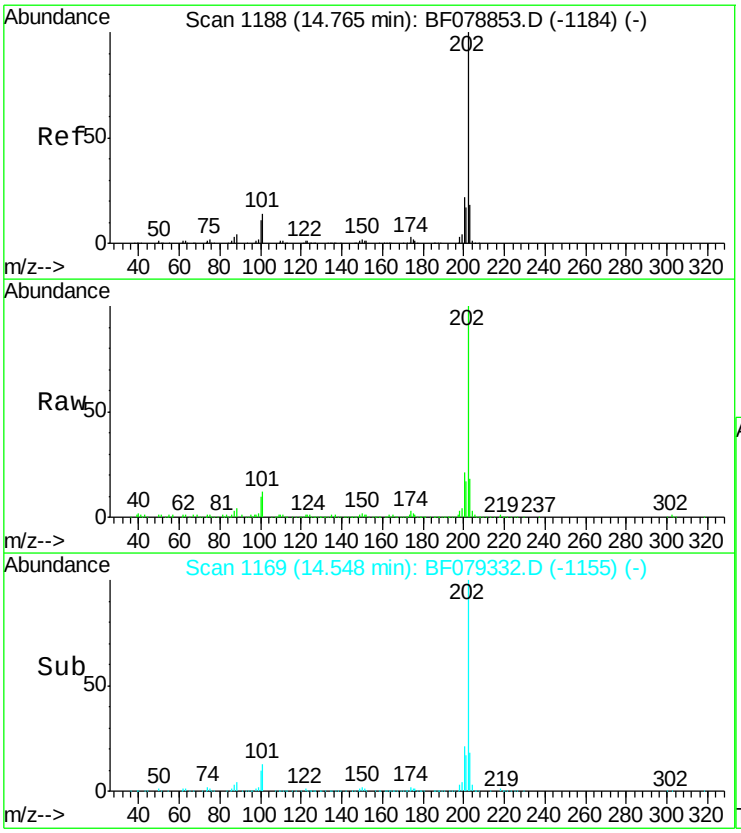
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:240 Resp: 200510

Ion	Ratio	Lower	Upper
240	100		
120	15.6	8.6	12.8#
236	26.9	21.0	31.6

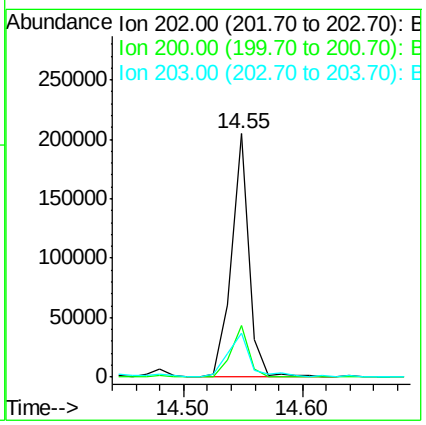


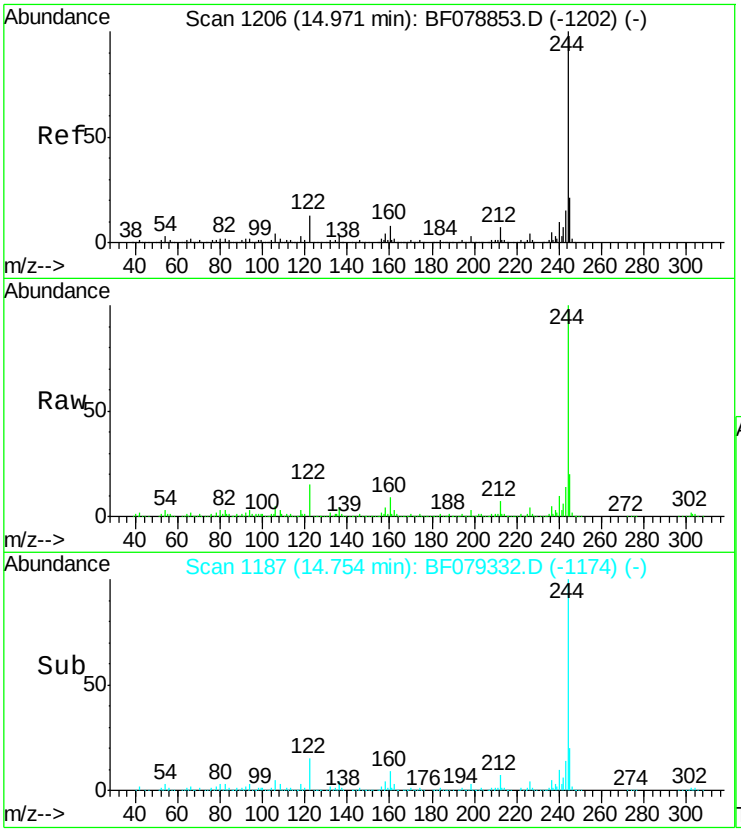


#77
Pyrene
Concen: 17.81 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:202 Resp: 205818

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	18.1	14.7	22.1



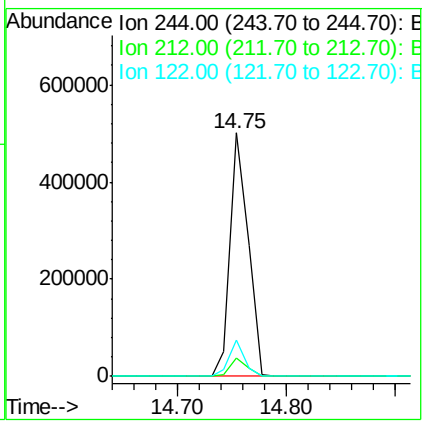


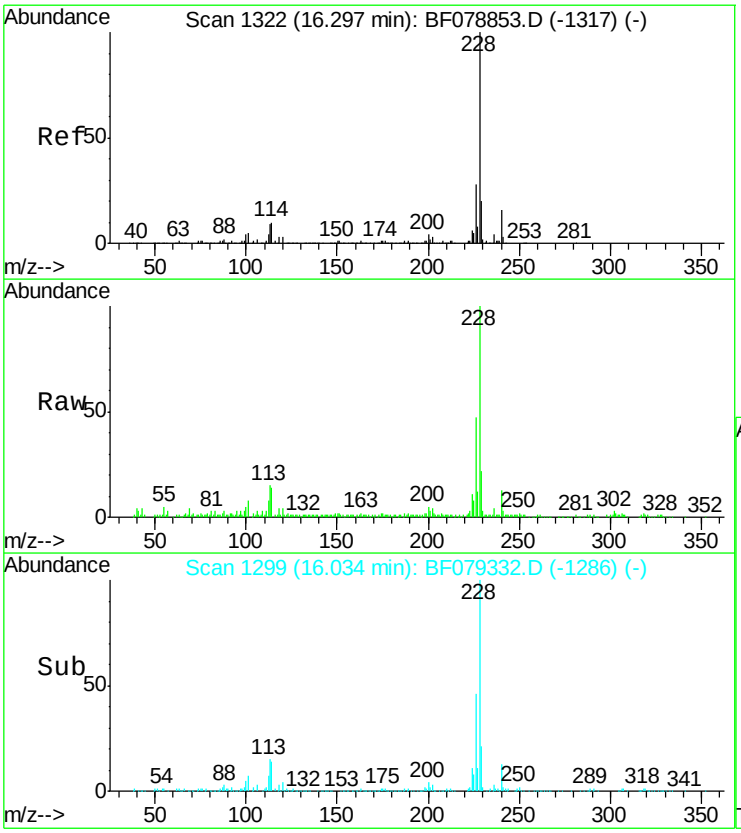
#78
Terphenyl-d14
Concen: 67.81 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:244 Resp: 567875

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	14.8	10.5	15.7

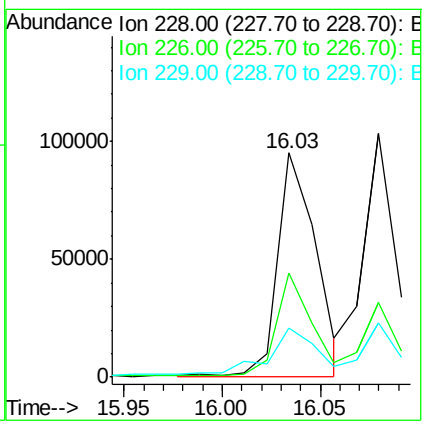


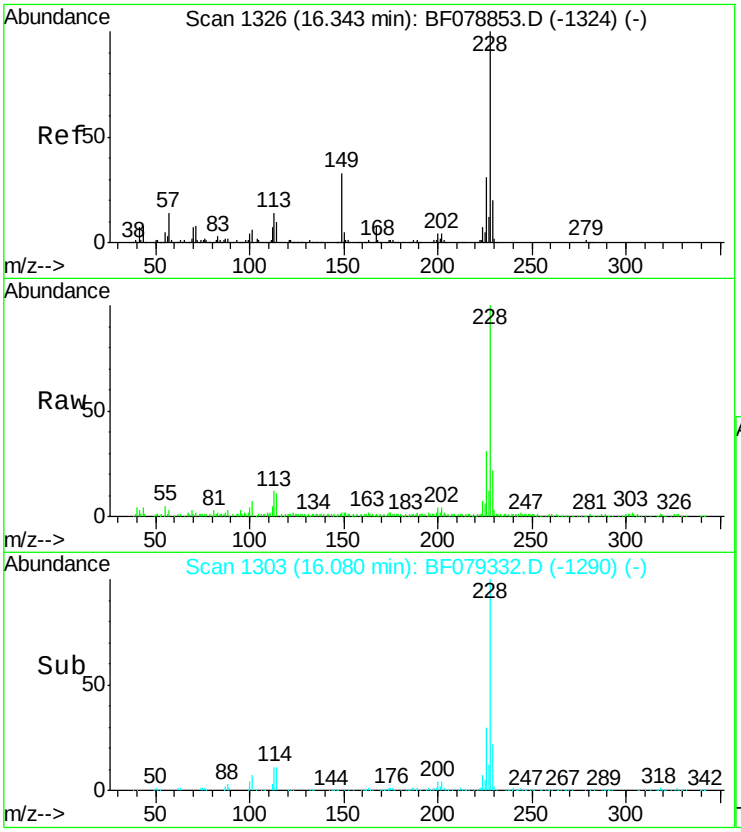


#80
Benzo(a)anthracene
Concen: 11.89 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:228 Resp: 130537

Ion	Ratio	Lower	Upper
228	100		
226	46.6	22.3	33.5#
229	22.2	16.1	24.1



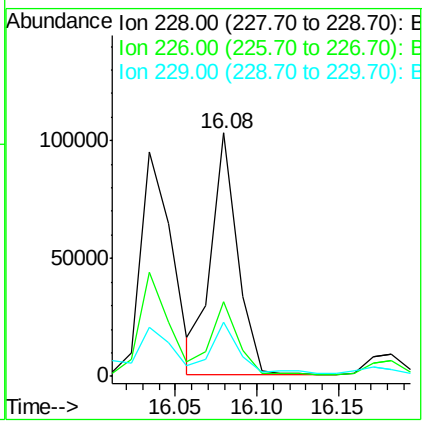


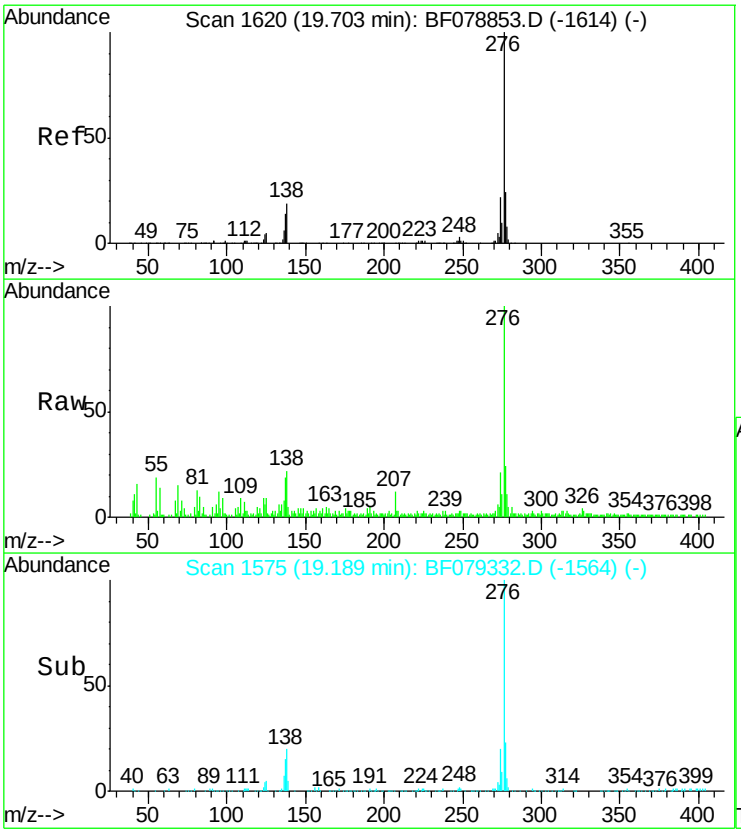
#82
Chrysene
Concen: 10.91 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:228 Resp: 115189

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.2	16.1	24.1

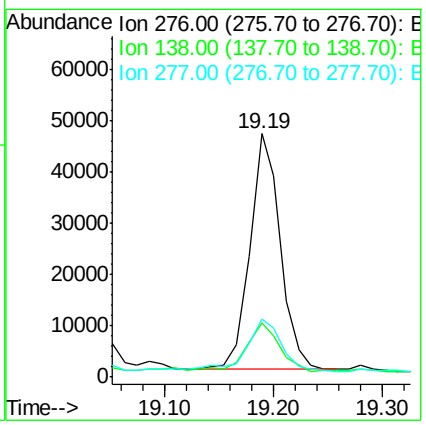


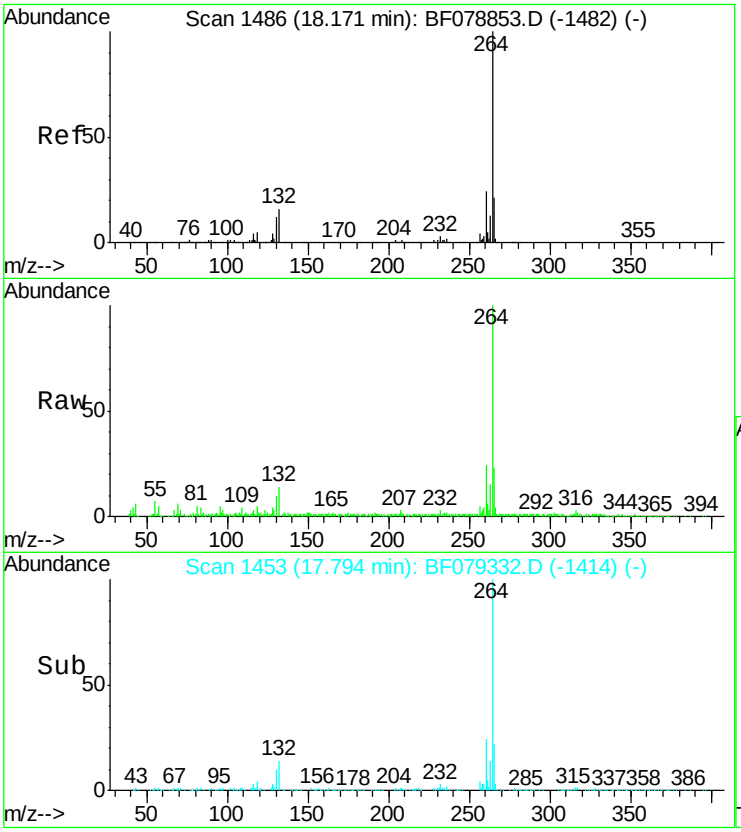


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.61 ng
RT: 19.19 min Scan# 1575
Delta R.T. -0.08 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:276 Resp: 88977

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.1	31.7#
277	27.9	19.9	29.9



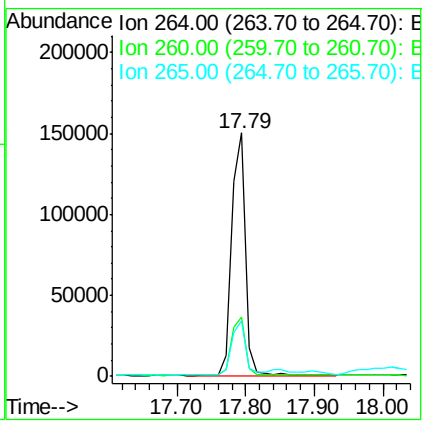


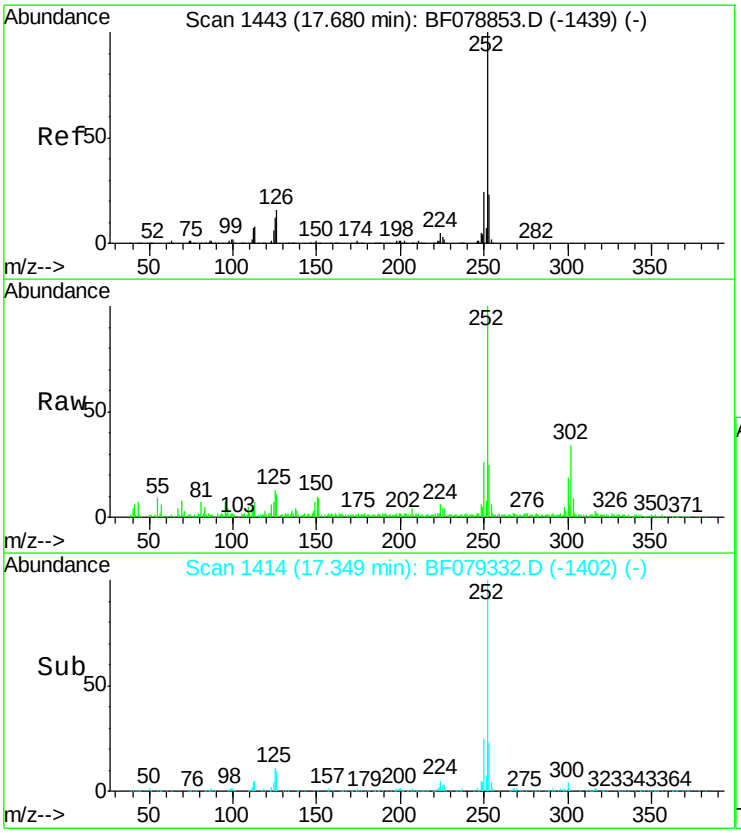
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:264 Resp: 211936

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.2	25.8

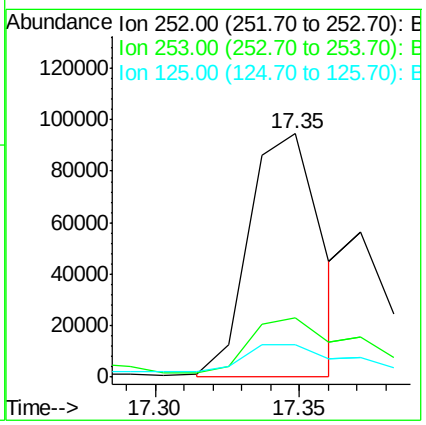


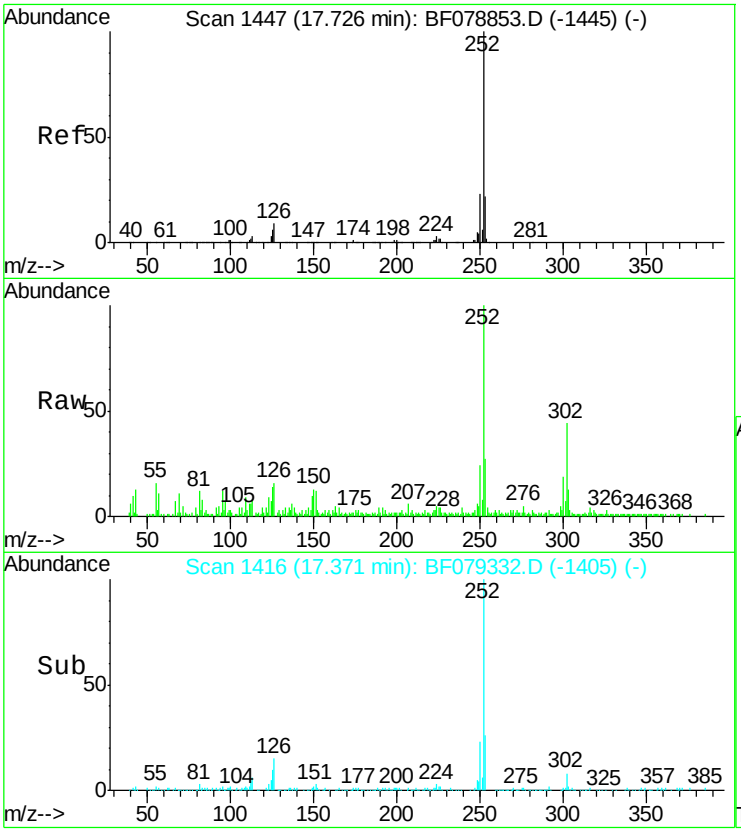


#87
Benzo(b)fluoranthene
Concen: 14.06 ng m
RT: 17.35 min Scan# 1414
Delta R.T. -0.05 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:252 Resp: 163132

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	13.2	9.4	14.2



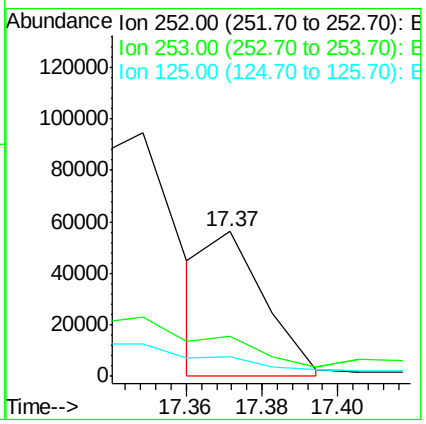


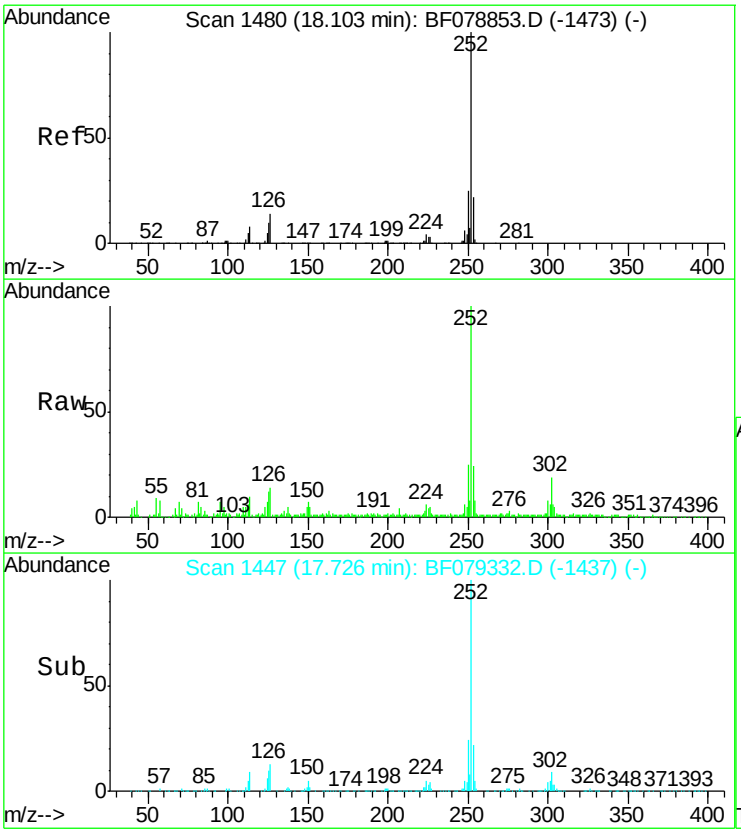
#88
Benzo(k)fluoranthene
Concen: 5.10 ng m
RT: 17.37 min Scan# 1416
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:252 Resp: 57246

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.0#
125	14.0	6.1	9.1#

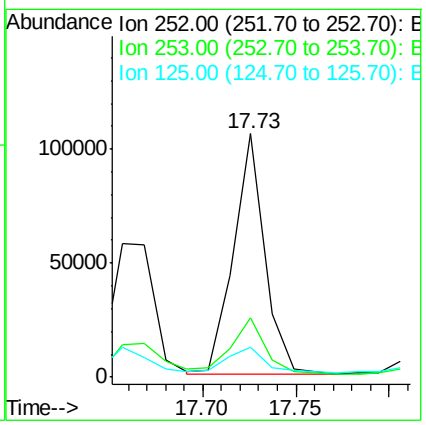


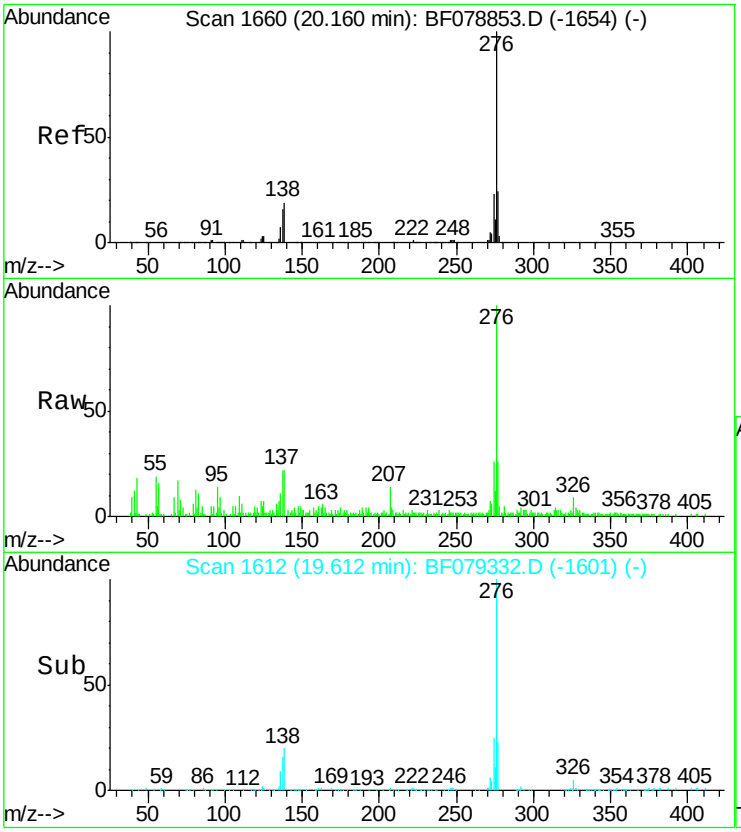


#89
Benzo(a)pyrene
Concen: 11.54 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.07 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:252 Resp: 123214

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	12.3	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 7.71 ng
RT: 19.61 min Scan# 1612
Delta R.T. -0.08 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:276 Resp: 87763

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	22.4	15.2	22.8