Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-10-D1

Quant Time: May 19 04:16:29 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	45634	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	196268	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	98227	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	189169	20.00	ng		0.00
75) Chrysene-d12	16.05	240	197101	20.00	ng		-0.01
86) Perylene-d12	17.78	264	204361	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	344004m	129.76	ng		0.01
7) Phenol-d6	6.74	99	478830	136.64	ng		0.00
23) Nitrobenzene-d5	7.86	82	273308	80.03	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	141901	133.54	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	539495	76.52	ng		0.00
78) Terphenyl-d14	14.75	244	615660	74.78	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	10.74	152	22145	2.21	ng		100
49) Dimethylphthalate	10.59	163	31068	4.31	ng		99
70) Phenanthrene	12.79	178	81882	7.74	ng		99
71) Anthracene	12.86	178	30830	2.97	ng		97
74) Fluoranthene	14.26	202	153539	13.92	ng		99
77) Pyrene	14.55	202	163721	14.41	ng		99
80) Benzo(a)anthracene	16.03	228	99442m	9.21	ng		
82) Chrysene	16.08	228	82156	7.91	ng		98
85) Indeno(1,2,3-cd)pyrene	19.18	276	53254	4.03	ng		95
87) Benzo(b)fluoranthene	17.34	252	123678m	11.06	ng		
88) Benzo(k)fluoranthene	17.36	252	26351m	2.43	ng		
89) Benzo(a)pyrene	17.71	252	80357	7.80	ng	#	93
91) Benzo(g,h,i)perylene	19.60	276	51677	4.71	ng		95

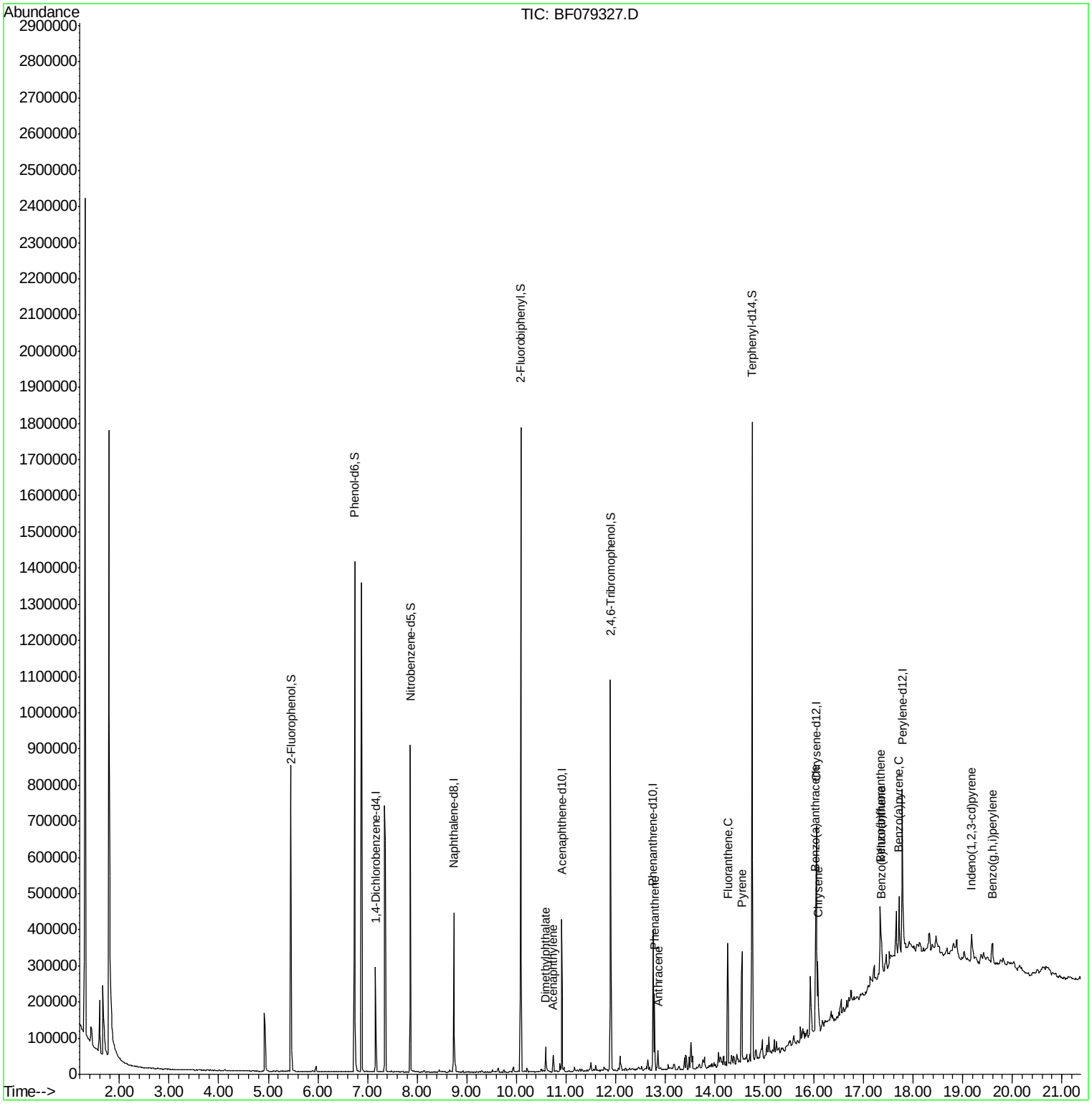
(#) = qualifier out of range (m) = manual integration (+) = signals summed

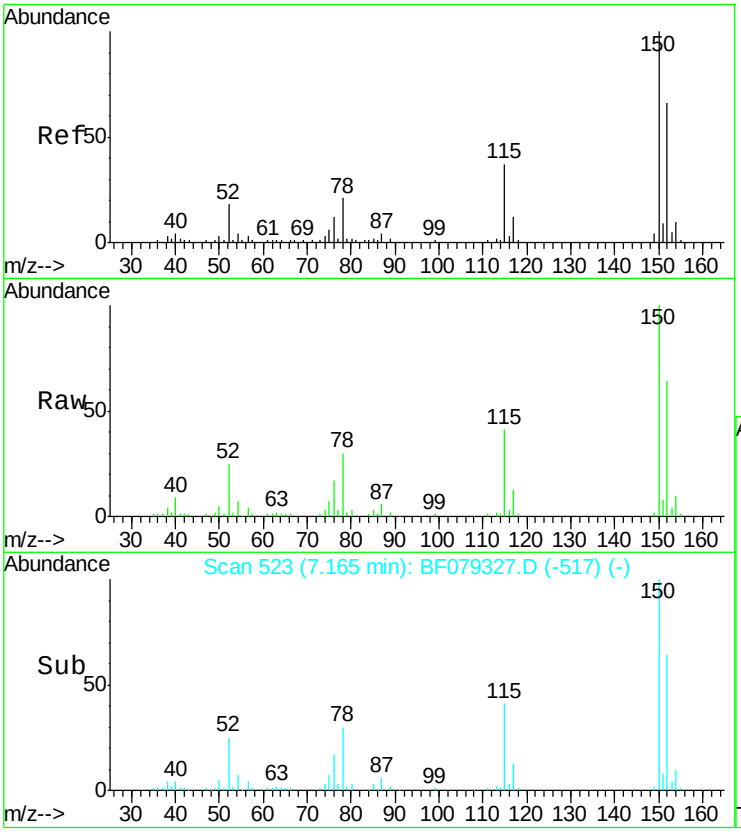
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Quant Time: May 19 04:16:29 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



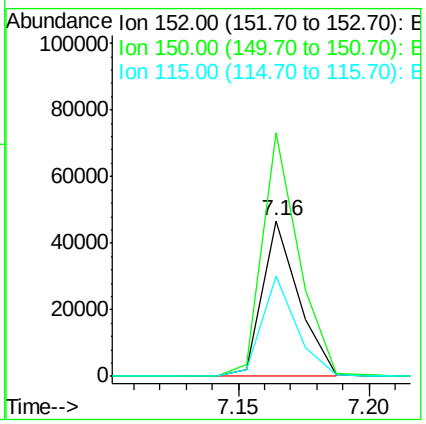


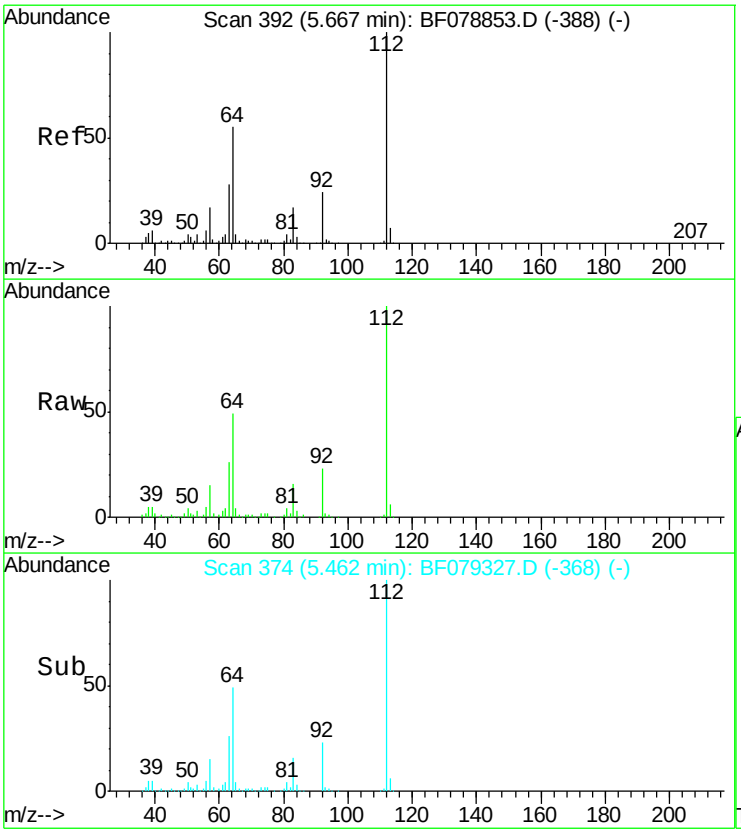
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:152 Resp: 45634

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.8
115	64.7	49.4	74.0

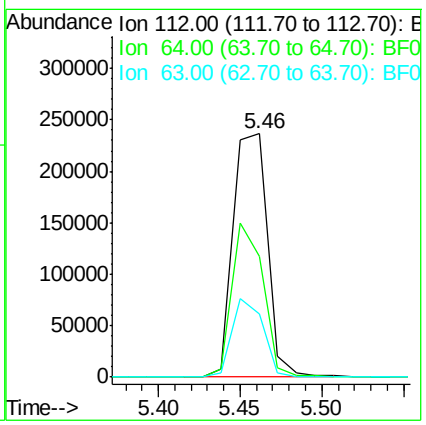


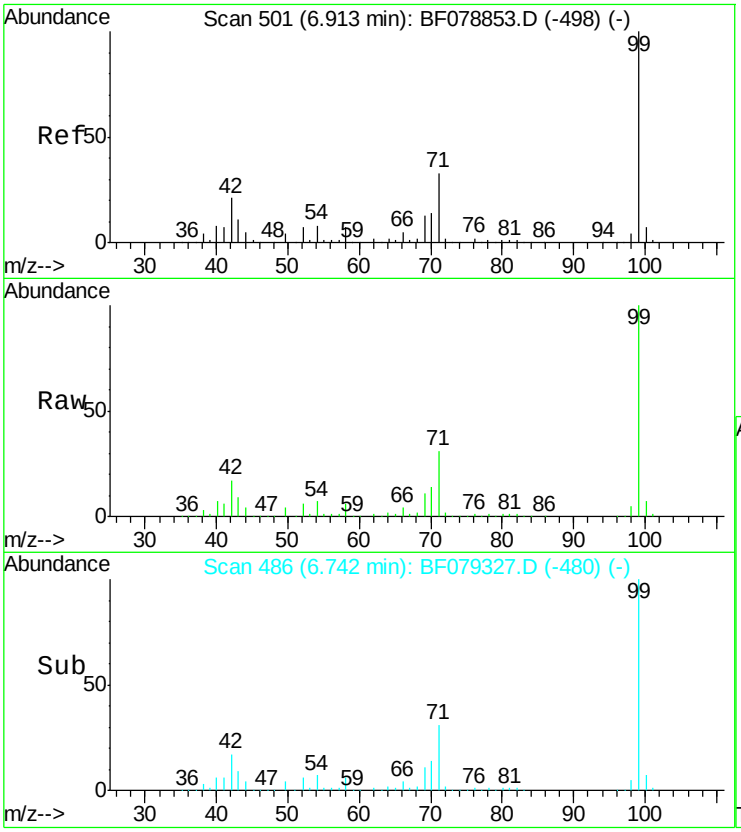


#5
2-Fluorophenol
Concen: 129.76 ng m
RT: 5.46 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:112 Resp: 344004

Ion	Ratio	Lower	Upper
112	100		
64	49.4	44.2	66.2
63	25.8	22.7	34.1



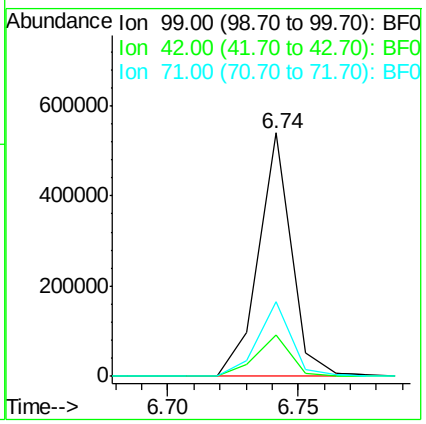


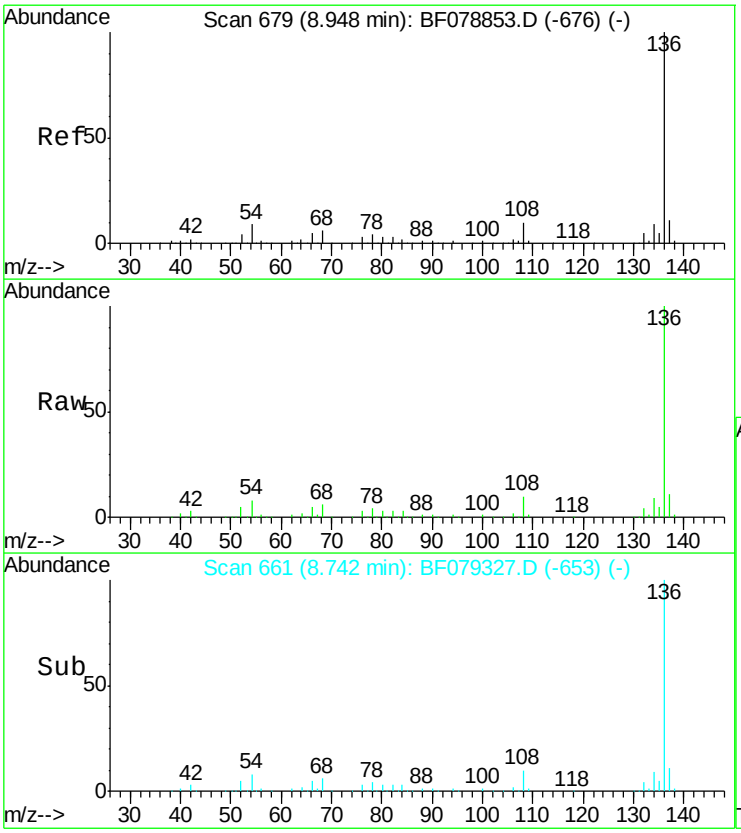
#7
Phenol-d6
Concen: 136.64 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion: 99 Resp: 478830

Ion	Ratio	Lower	Upper
99	100		
42	16.8	17.1	25.7#
71	30.7	26.3	39.5

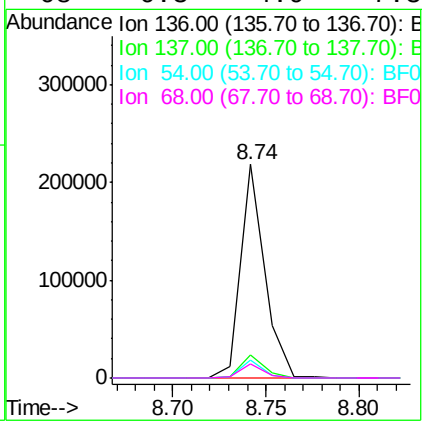


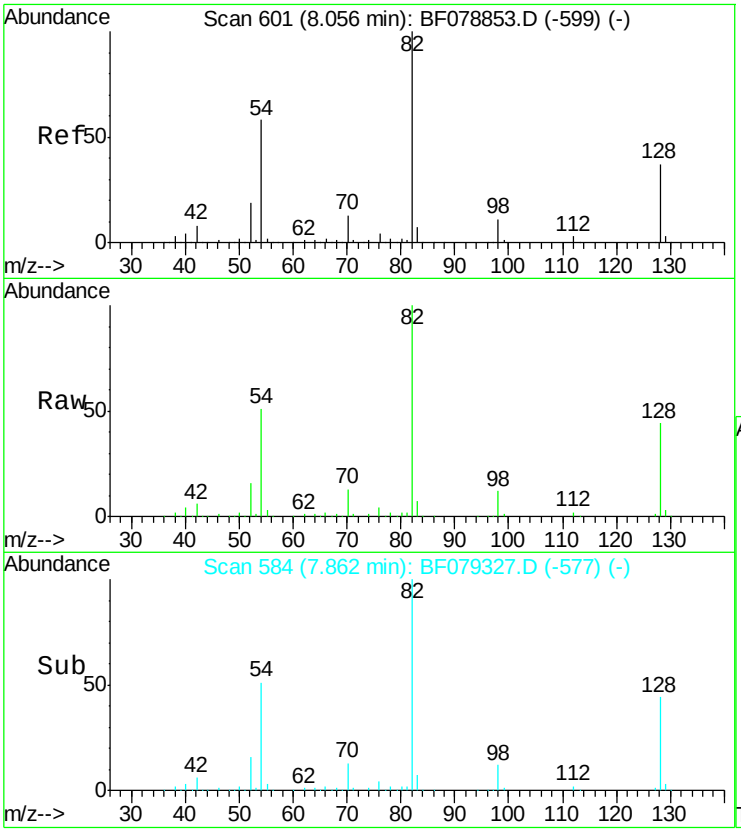


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:136 Resp: 196268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	6.9	10.3
68	6.3	4.9	7.3



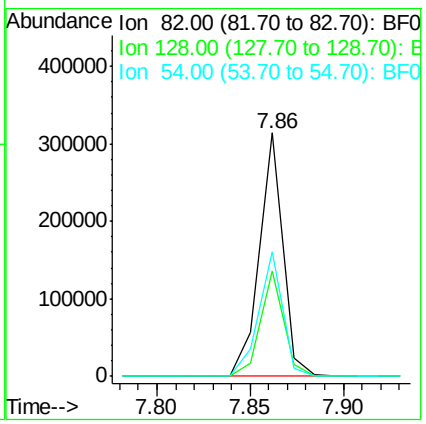


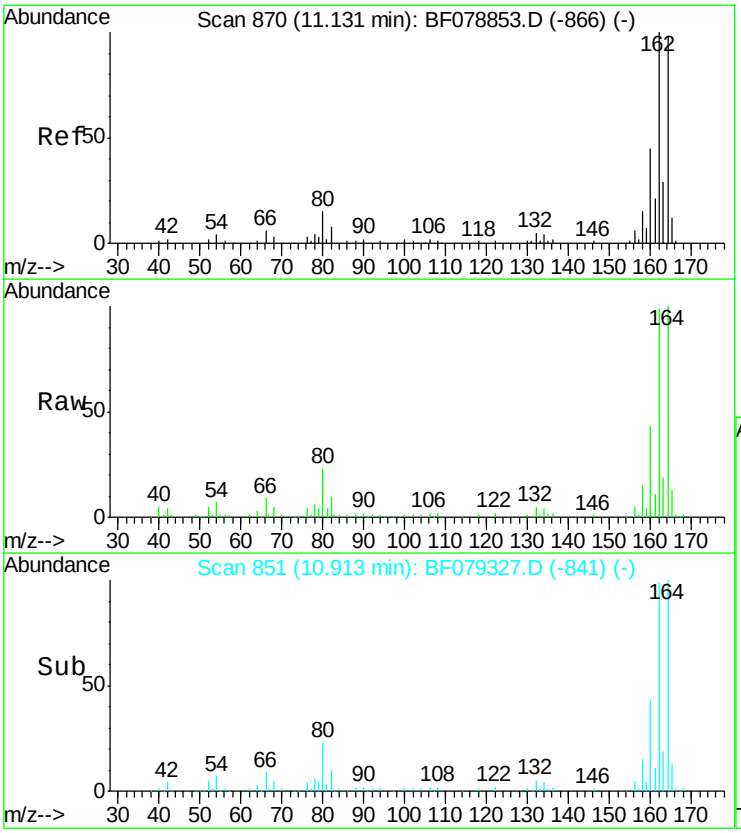
#23
Nitrobenzene-d5
Concen: 80.03 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion: 82 Resp: 273308

Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	51.4	46.2	69.4

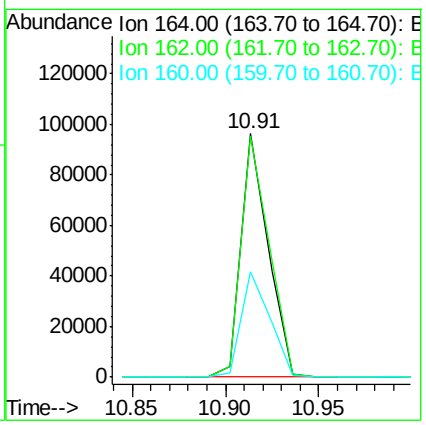


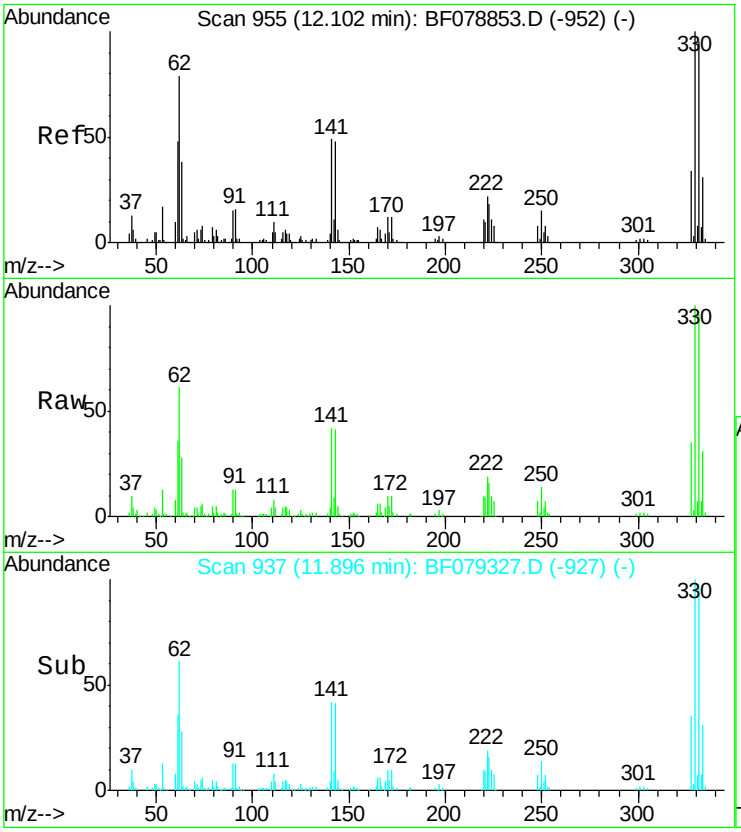


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:164 Resp: 98227

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	43.5	36.6	54.8



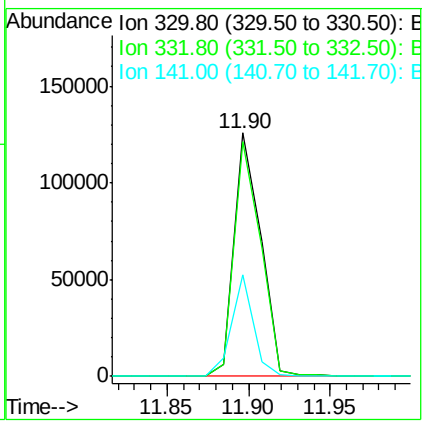


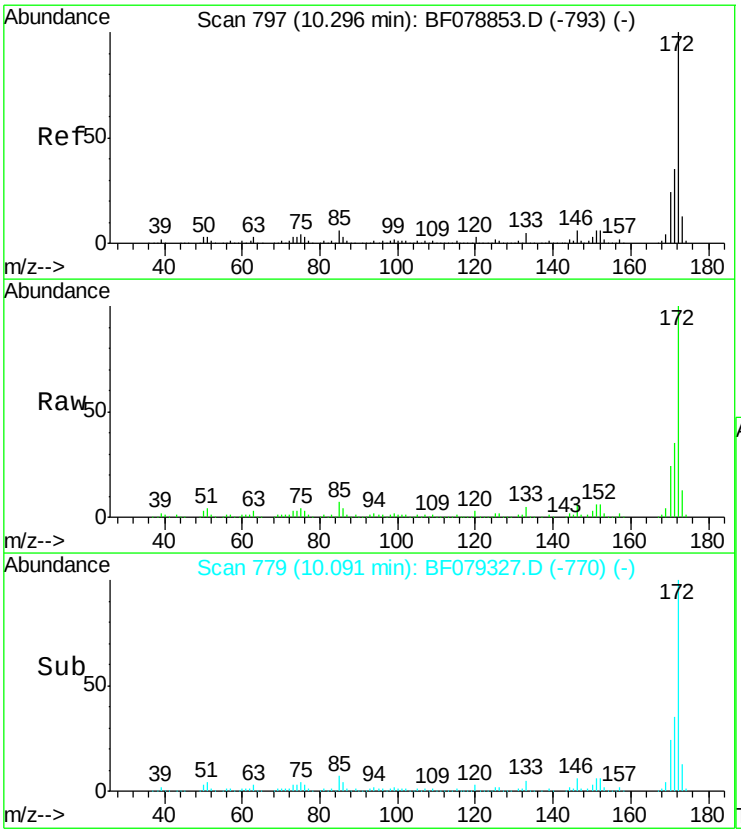
#41
2,4,6-Tribromophenol
Concen: 133.54 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:330 Resp: 141901

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	34.7	27.8	41.8

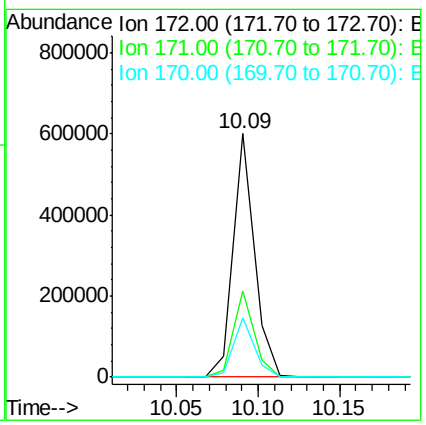


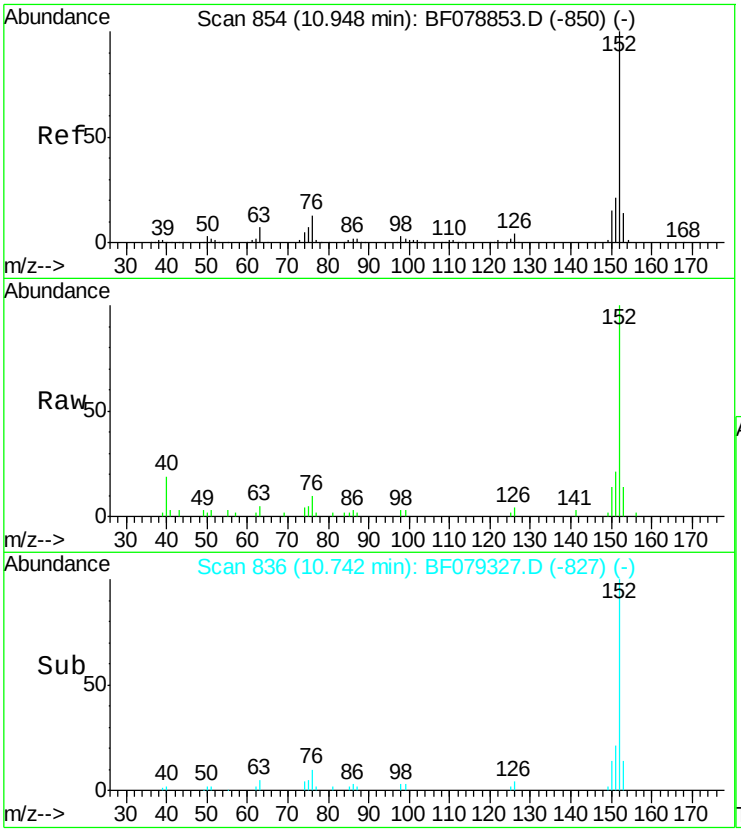


#44
2-Fluorobiphenyl
Concen: 76.52 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:172 Resp: 539495

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.4	19.4	29.2



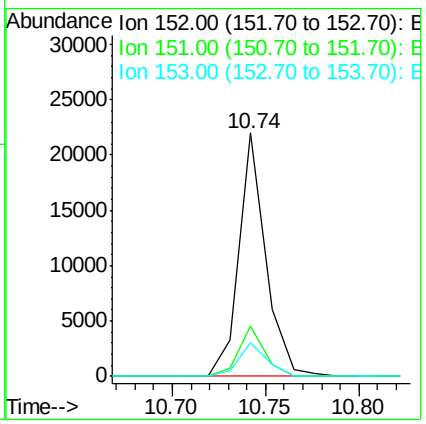


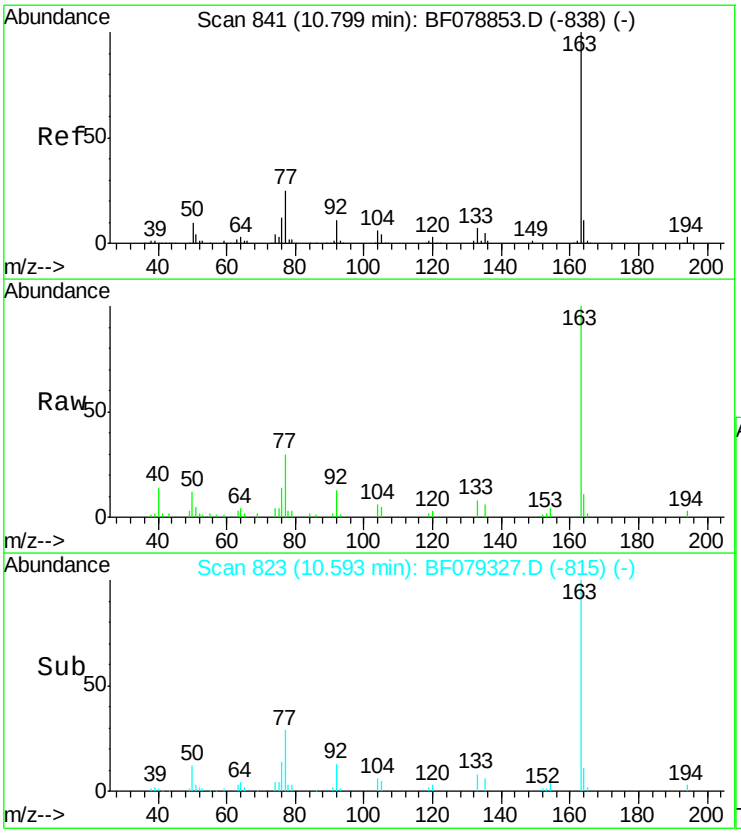
#48
Acenaphthylene
Concen: 2.21 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:152 Resp: 22145

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	13.7	11.0	16.6

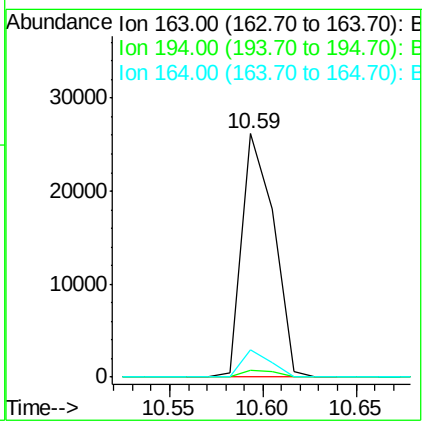


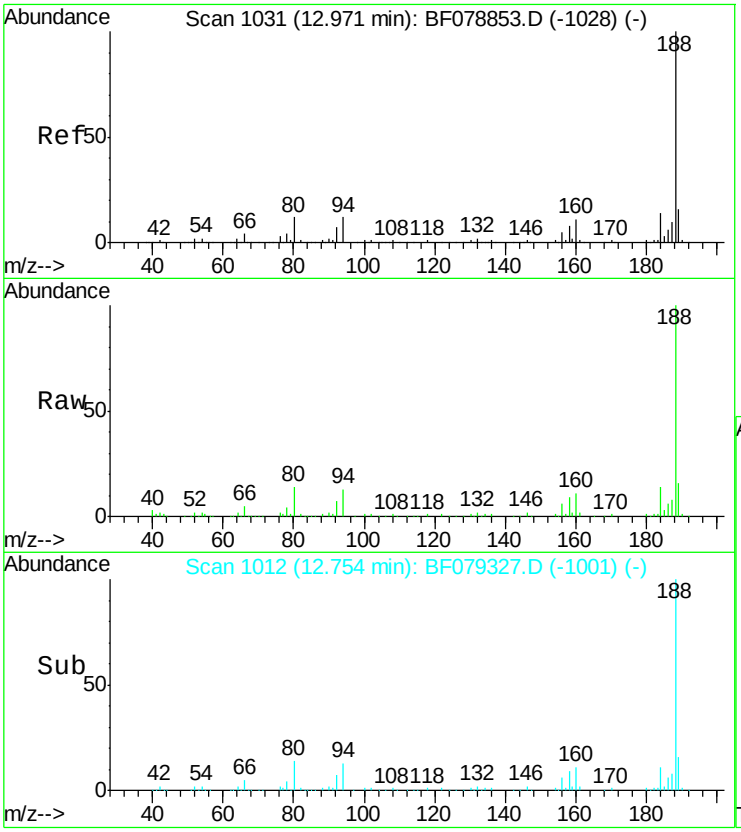


#49
Dimethylphthalate
Concen: 4.31 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:163 Resp: 31068

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.4	3.6
164	11.1	8.6	12.8



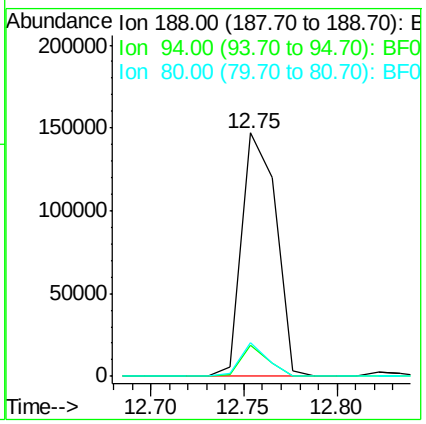


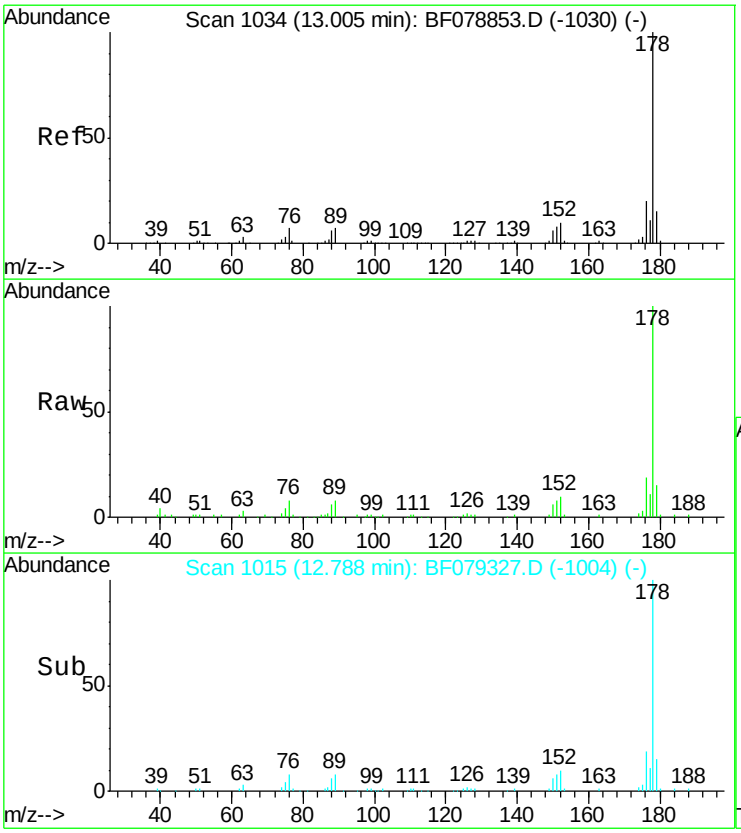
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:188 Resp: 189169

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.0
80	14.0	9.8	14.6

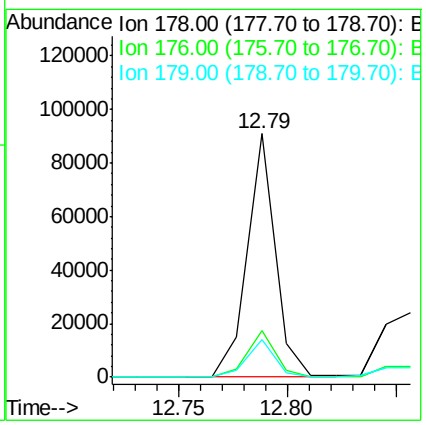


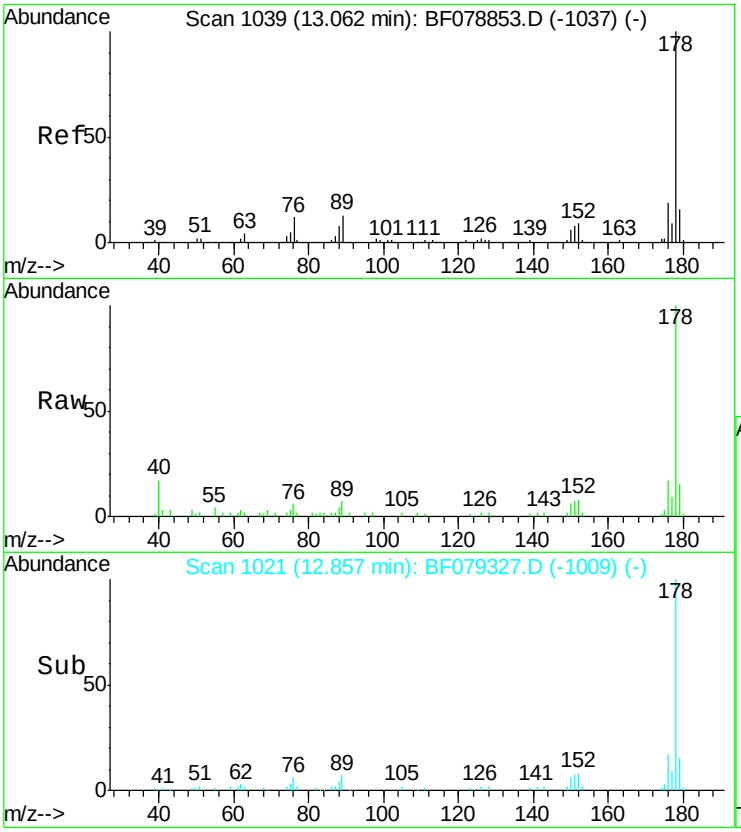


#70
Phenanthrene
Concen: 7.74 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:178 Resp: 81882

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.3	12.2	18.4



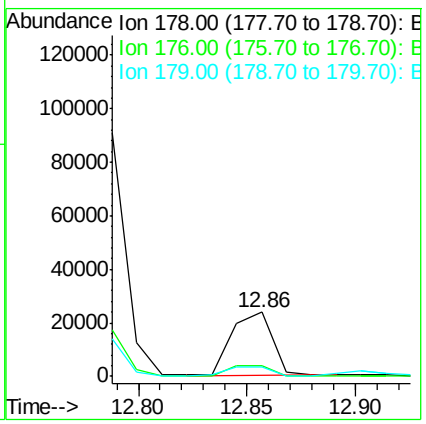


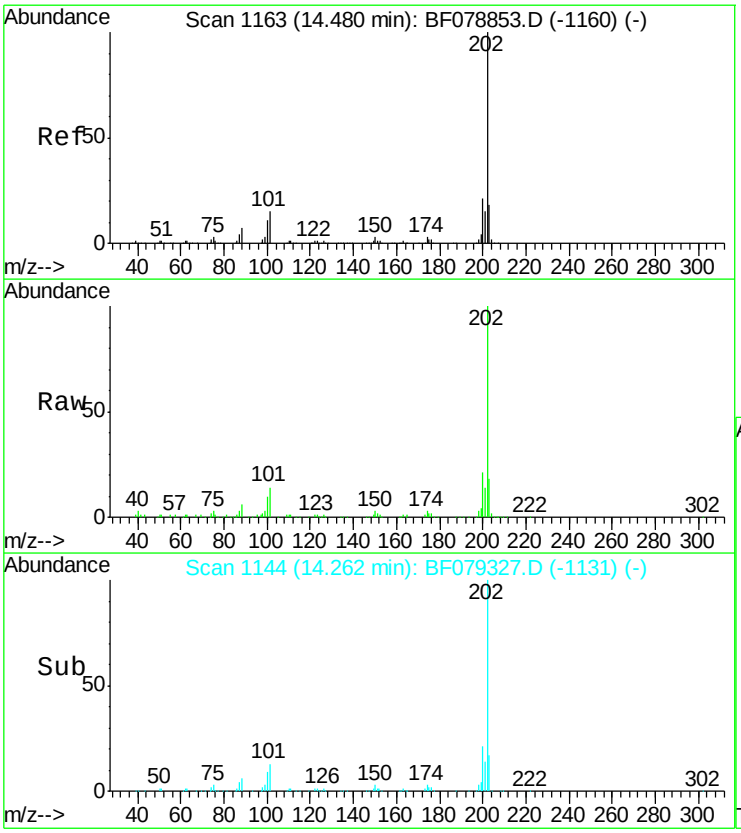
#71
Anthracene
Concen: 2.97 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:178 Resp: 30830

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.3	22.9
179	15.4	12.6	19.0

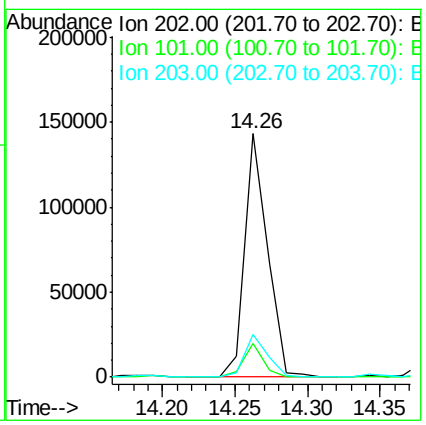


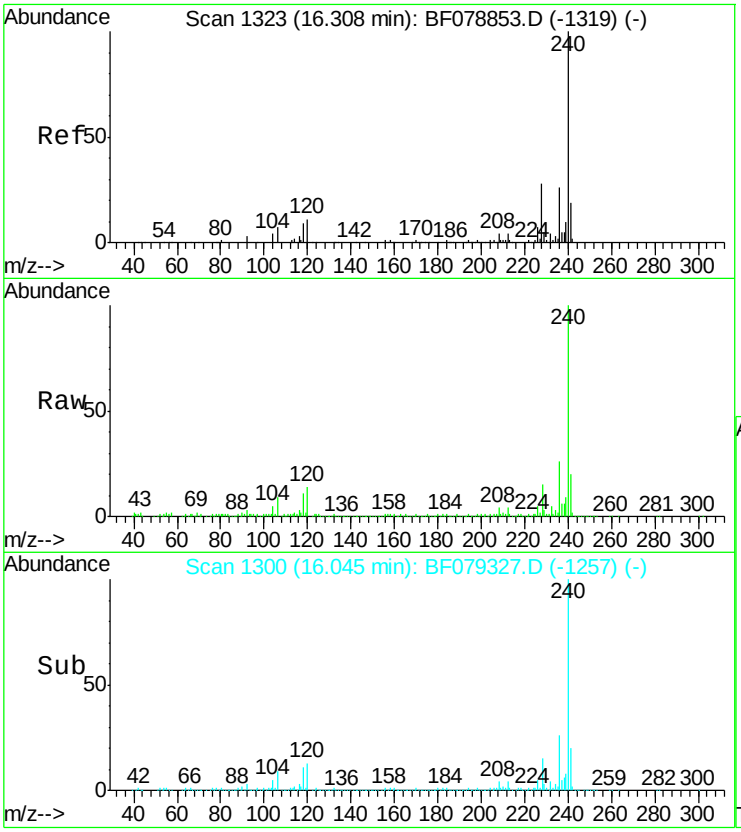


#74
Fluoranthene
Concen: 13.92 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:202 Resp: 153539

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.7
203	17.5	0.0	37.9



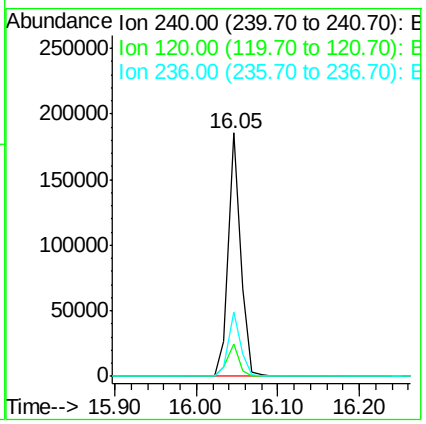


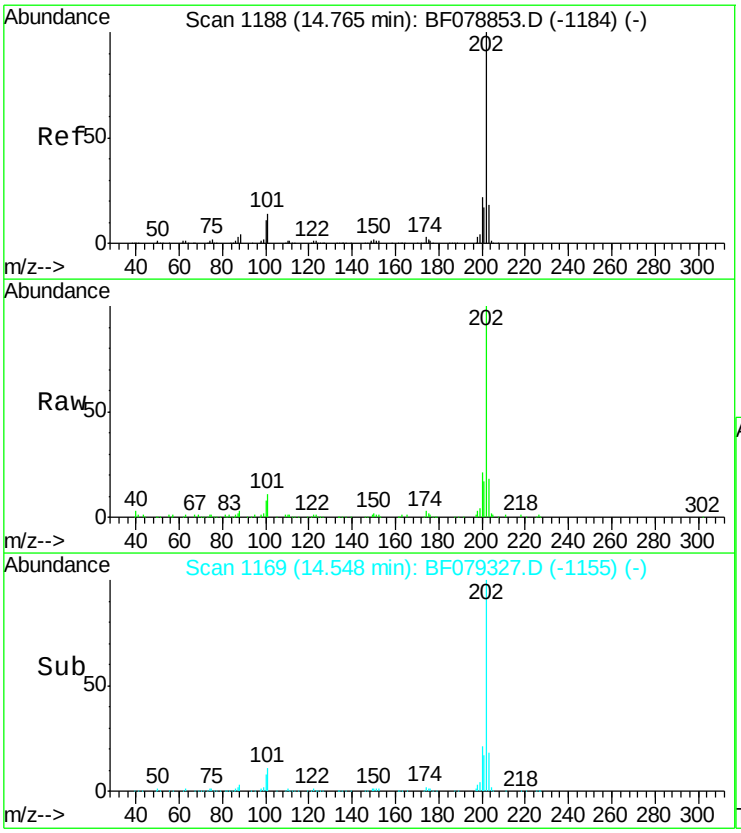
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:240 Resp: 197101

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.6	12.8#
236	26.5	21.0	31.6

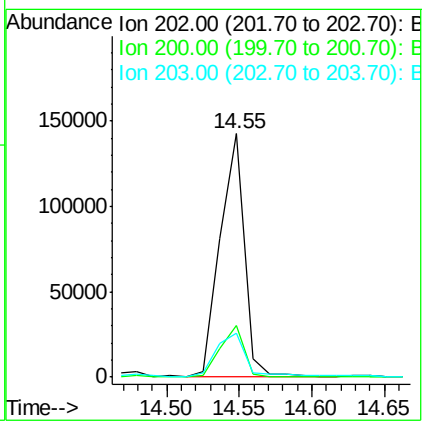


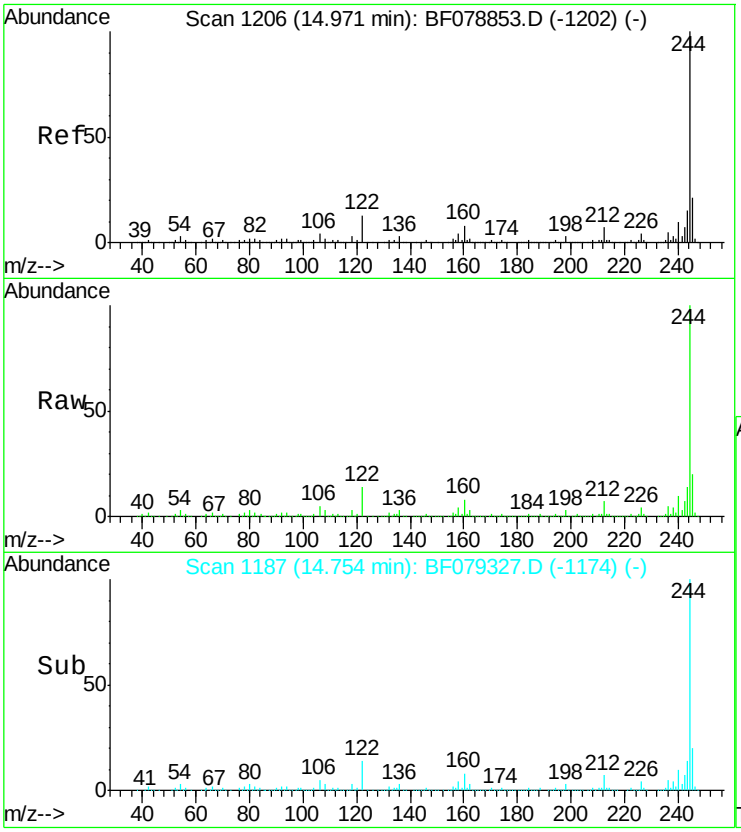


#77
Pyrene
Concen: 14.41 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:202 Resp: 163721

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	18.2	14.7	22.1



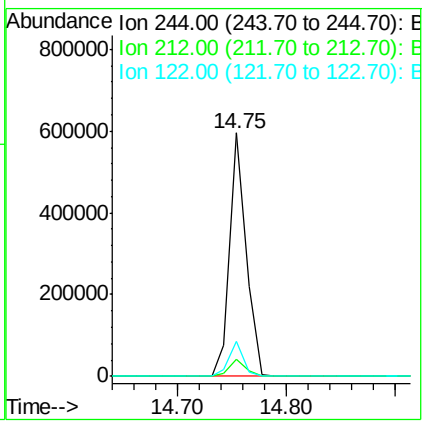


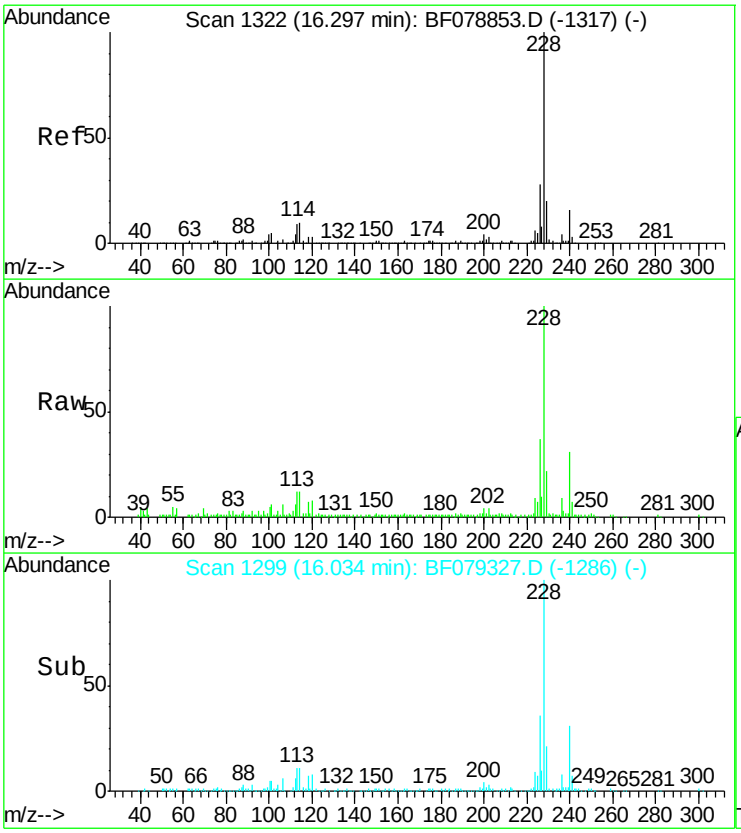
#78
Terphenyl-d14
Concen: 74.78 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:244 Resp: 615660

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	14.5	10.5	15.7

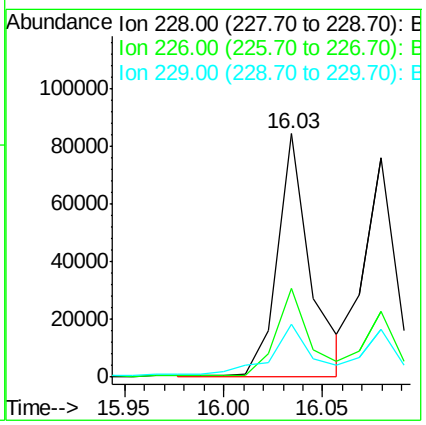


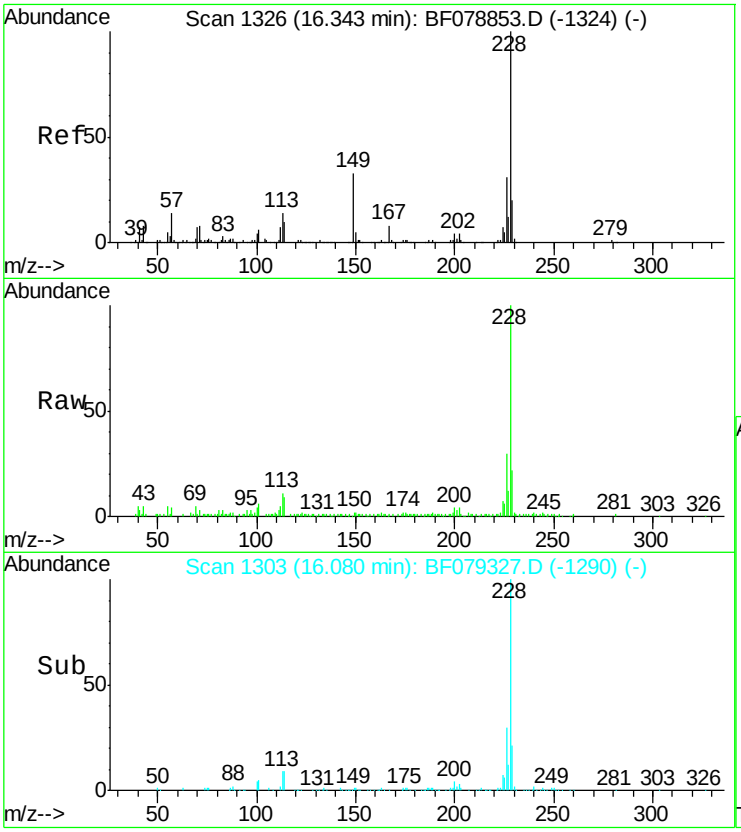


#80
Benzo(a)anthracene
Concen: 9.21 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:228 Resp: 99442

Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.3	33.5#
229	21.7	16.1	24.1



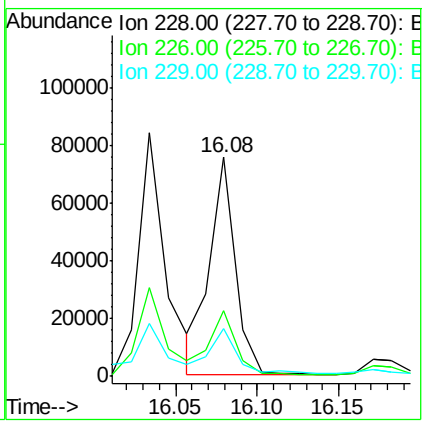


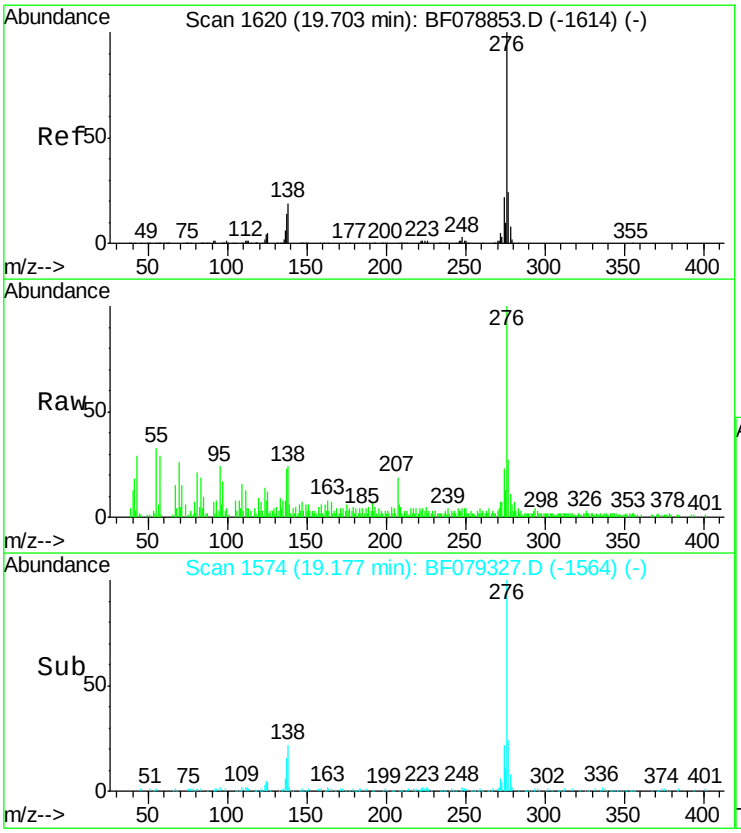
#82
Chrysene
Concen: 7.91 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:228 Resp: 82156

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	21.5	16.1	24.1

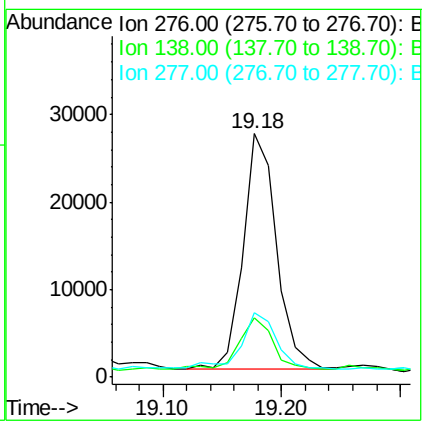


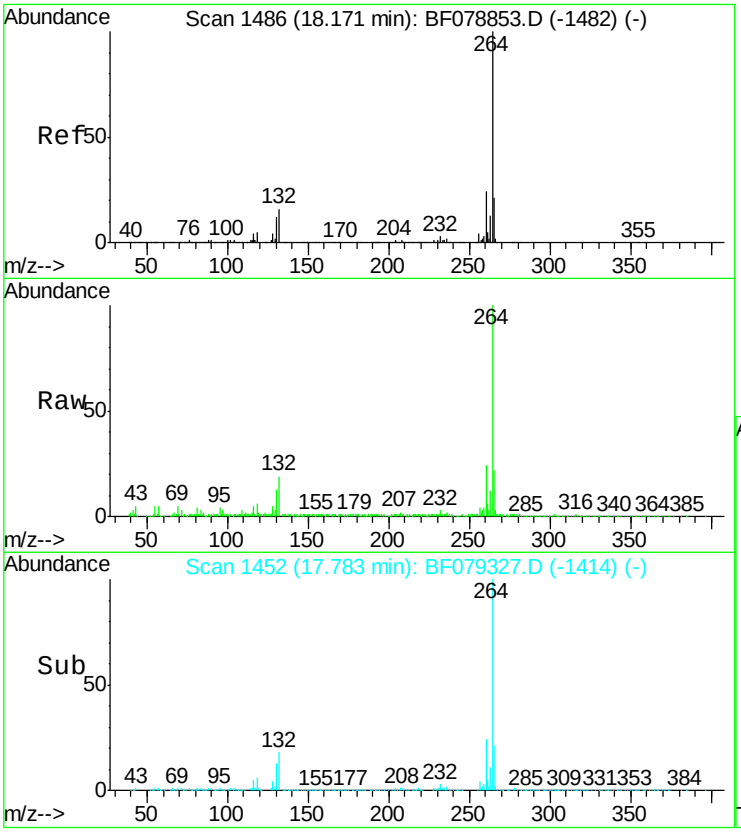


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.03 ng
RT: 19.18 min Scan# 1574
Delta R.T. -0.09 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:276 Resp: 53254

Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.1	31.7
277	25.7	19.9	29.9



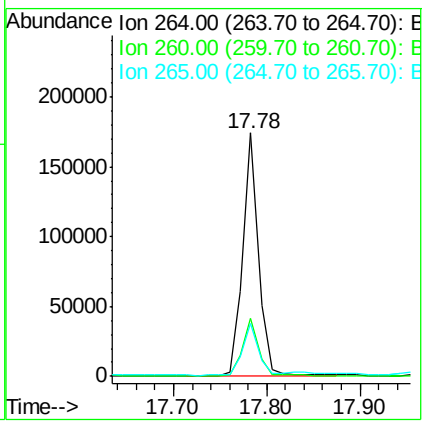


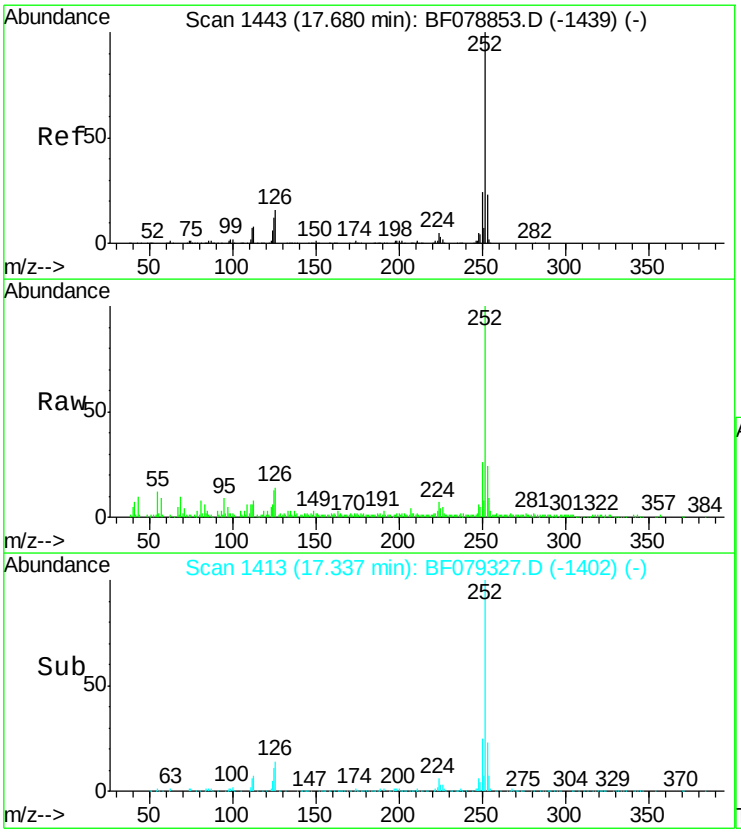
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.07 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:264 Resp: 204361

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.2	25.8

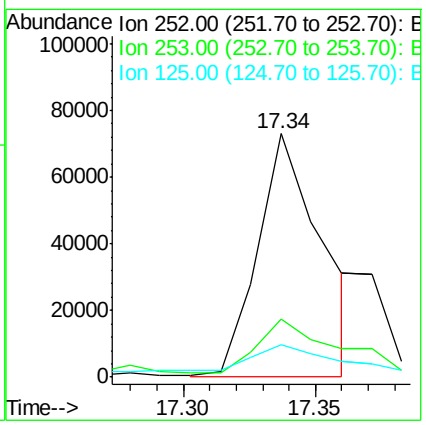


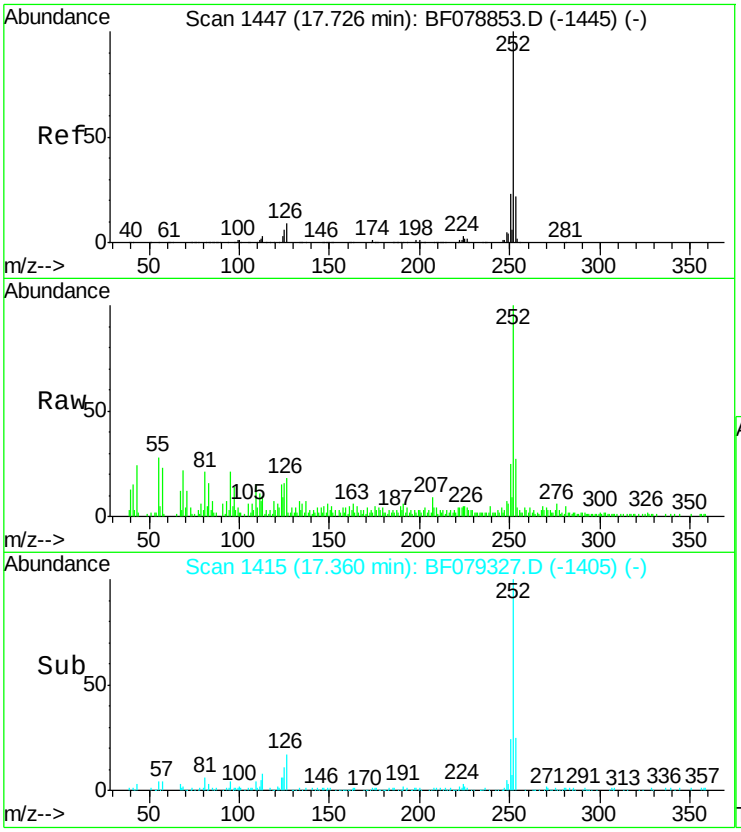


#87
Benzo(b)fluoranthene
Concen: 11.06 ng m
RT: 17.34 min Scan# 1413
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:252 Resp: 123678

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.3	9.4	14.2



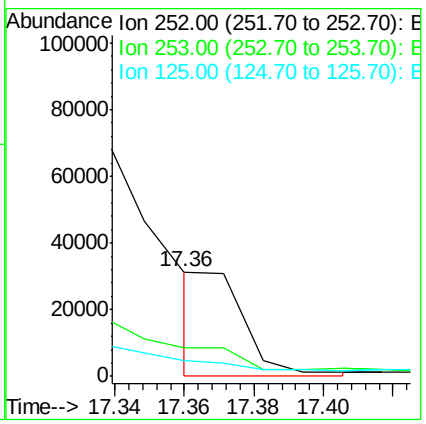


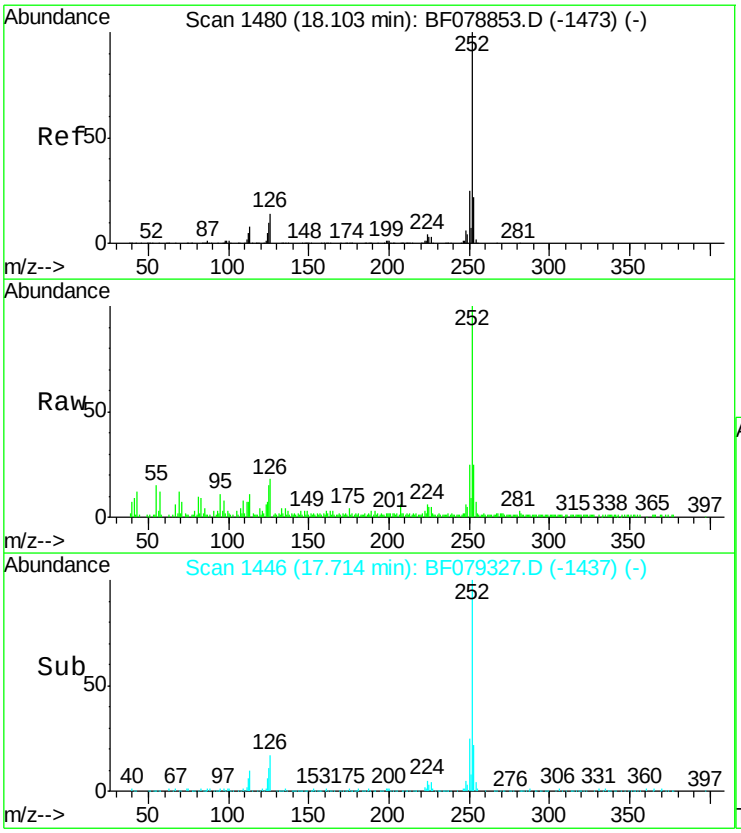
#88
Benzo(k)fluoranthene
Concen: 2.43 ng m
RT: 17.36 min Scan# 1415
Delta R.T. -0.07 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:252 Resp: 26351

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.4	26.0#
125	15.7	6.1	9.1#

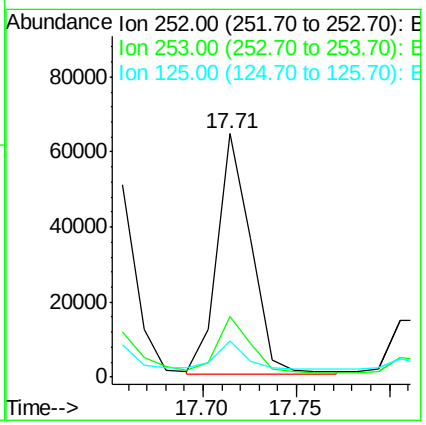


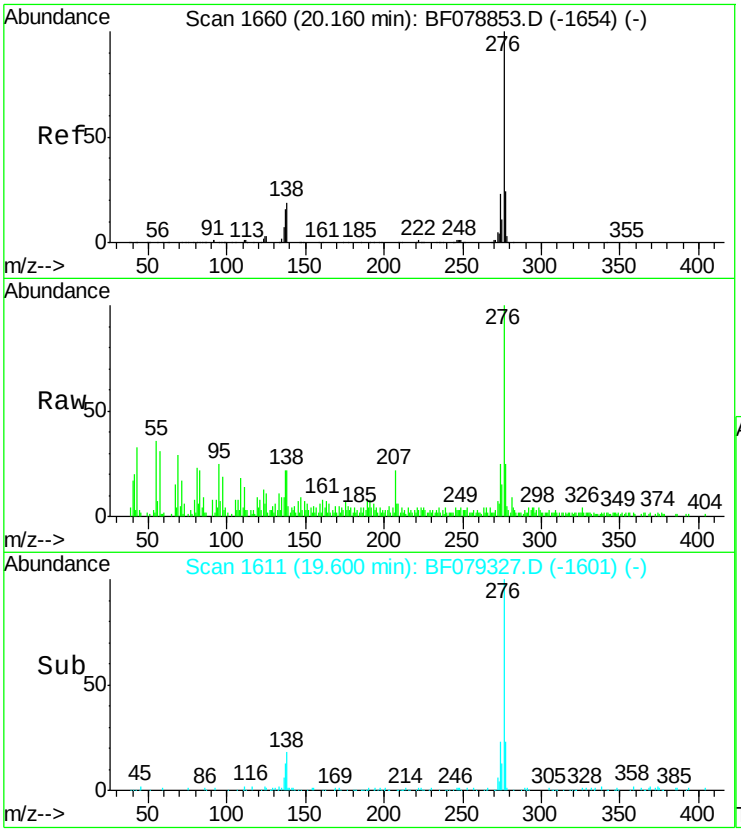


#89
Benzo(a)pyrene
Concen: 7.80 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.08 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:252 Resp: 80357

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	15.0	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 4.71 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:276 Resp: 51677

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	21.7	15.2	22.8