Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079328.D
Acq On : 19 May 2015 3:00
Operator : TP/IZ
Sample : G2273-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-07-D1

Quant Time: May 19 04:21:12 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	45474	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	189976	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	93576	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	184023	20.00	ng		0.00
75) Chrysene-d12	16.05	240	192985	20.00	ng		-0.01
86) Perylene-d12	17.76	264	207158	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.74	99	371893	106.50	ng		0.00
23) Nitrobenzene-d5	7.86	82	223847	67.72	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	113097	111.72	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	451135	67.17	ng		0.00
78) Terphenyl-d14	14.75	244	526223	65.28	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.76	128	20533	2.27	ng		99
48) Acenaphthylene	10.74	152	42553	4.47	ng		99
49) Dimethylphthalate	10.59	163	25448	3.71	ng		100
70) Phenanthrene	12.79	178	92840	9.02	ng		100
71) Anthracene	12.86	178	33473	3.31	ng		99
74) Fluoranthene	14.26	202	261609	24.39	ng		99
77) Pyrene	14.55	202	270555	24.33	ng		98
80) Benzo(a)anthracene	16.08	228	177430	16.79	ng		95
82) Chrysene	16.08	228	177418	17.45	ng		97
85) Indeno(1,2,3-cd)pyrene	19.15	276	170336	13.15	ng		96
87) Benzo(b)fluoranthene	17.33	252	424923	37.48	ng		99
88) Benzo(k)fluoranthene	17.33	252	424923	38.71	ng	#	96
89) Benzo(a)pyrene	17.69	252	237127	22.71	ng	#	95
90) Dibenzo(a,h)anthracene	19.18	278	42211	3.80	ng	#	83
91) Benzo(g,h,i)perylene	19.58	276	157364	14.15	ng		96

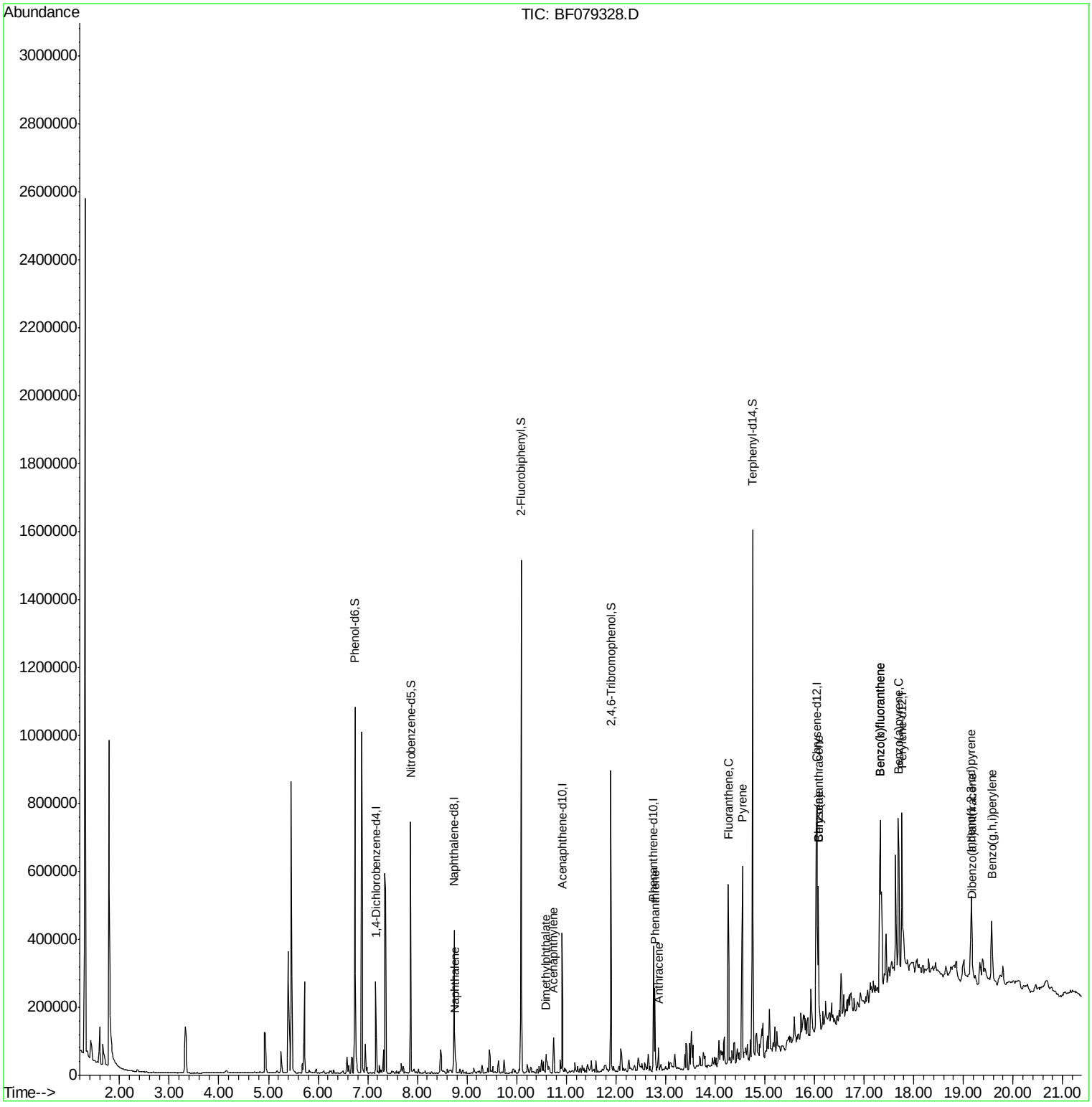
(#) = qualifier out of range (m) = manual integration (+) = signals summed

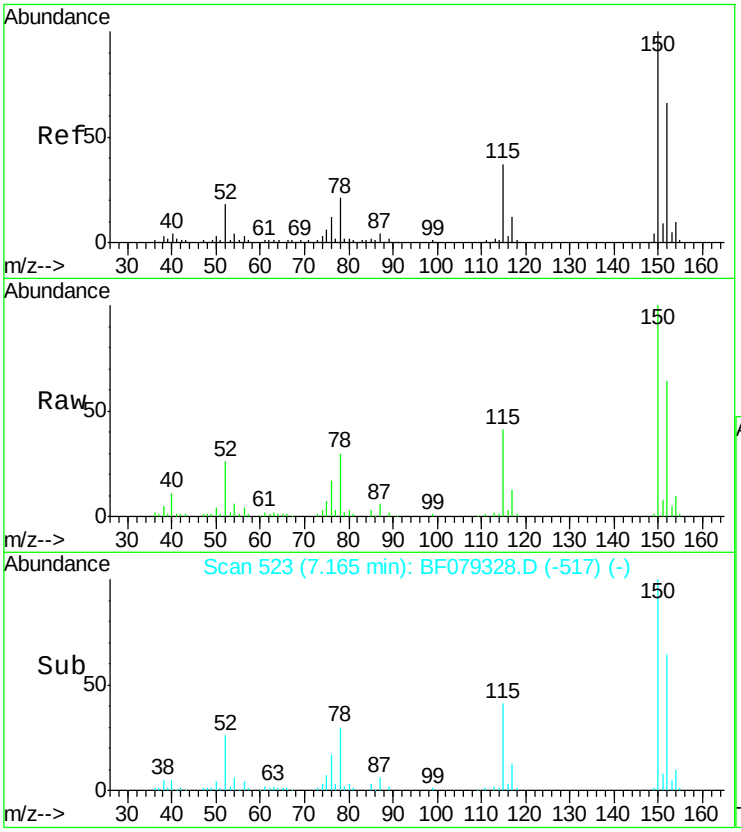
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079328.D
Acq On : 19 May 2015 3:00
Operator : TP/IZ
Sample : G2273-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Quant Time: May 19 04:21:12 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



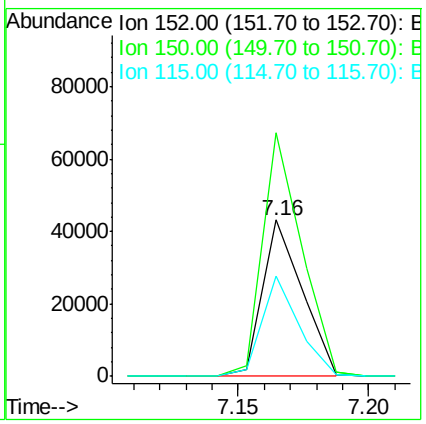


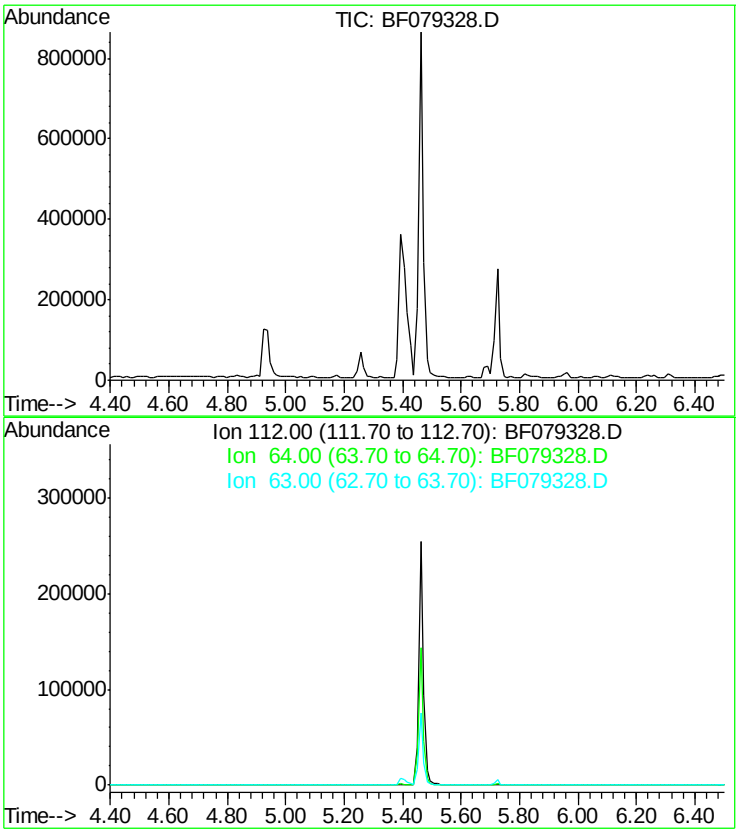
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:152 Resp: 45474

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.8
115	64.2	49.4	74.0



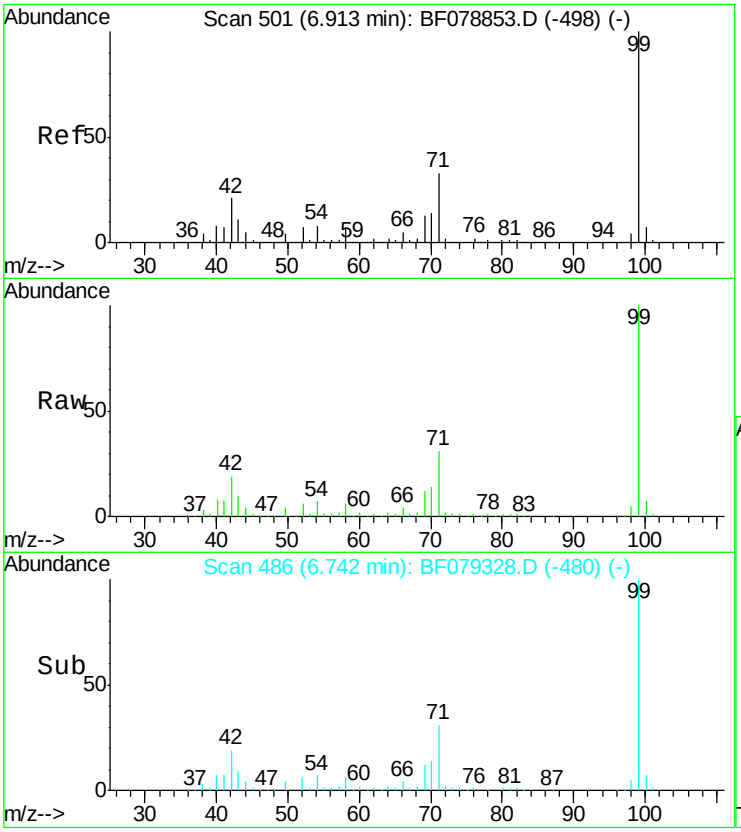


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.45 min

Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4

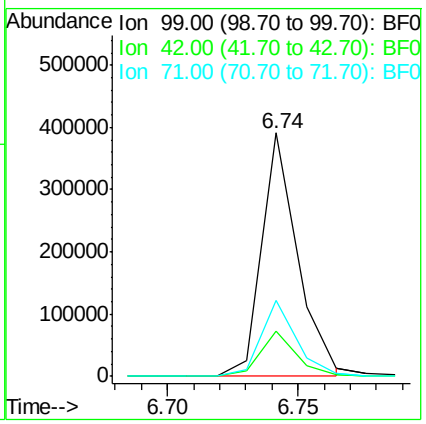


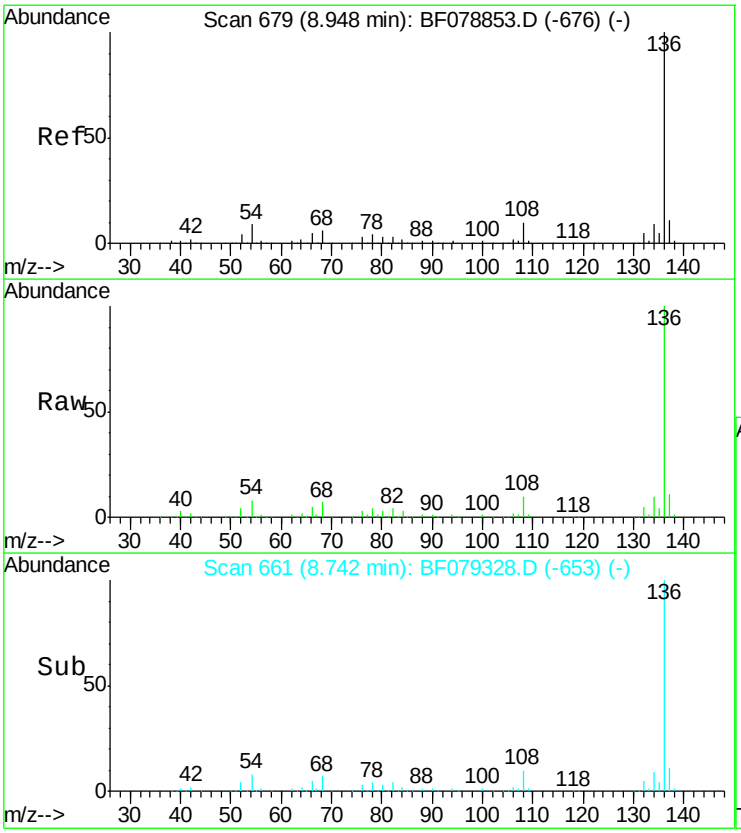
#7
Phenol-d6
Concen: 106.50 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion: 99 Resp: 371893

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.1	25.7
71	31.4	26.3	39.5

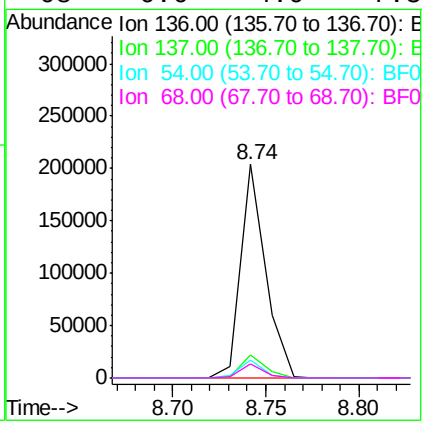


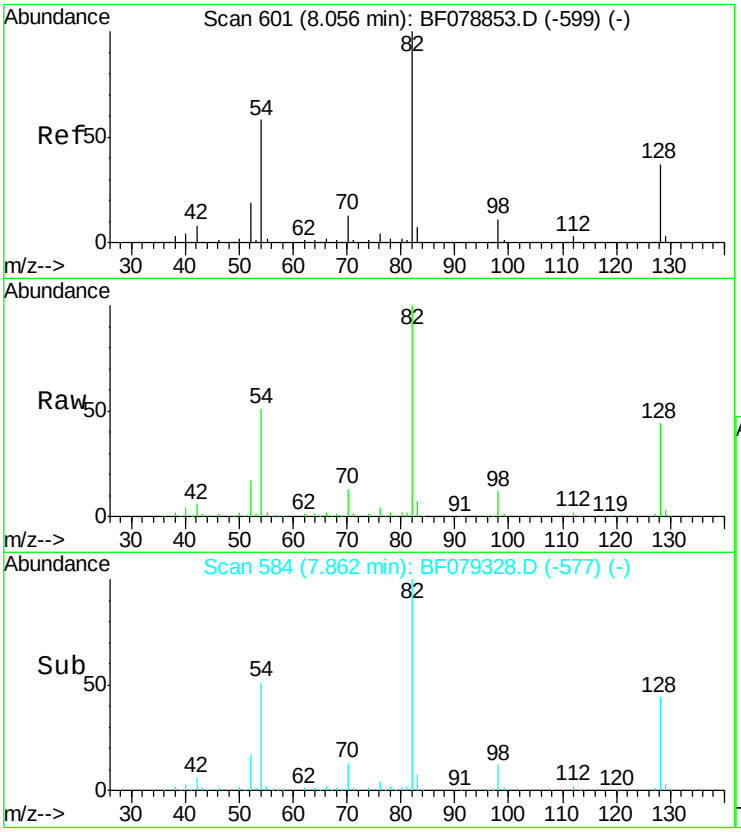


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:136 Resp: 189976

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	6.9	10.3
68	6.6	4.9	7.3



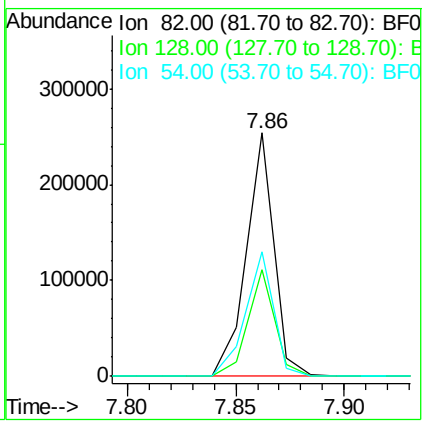


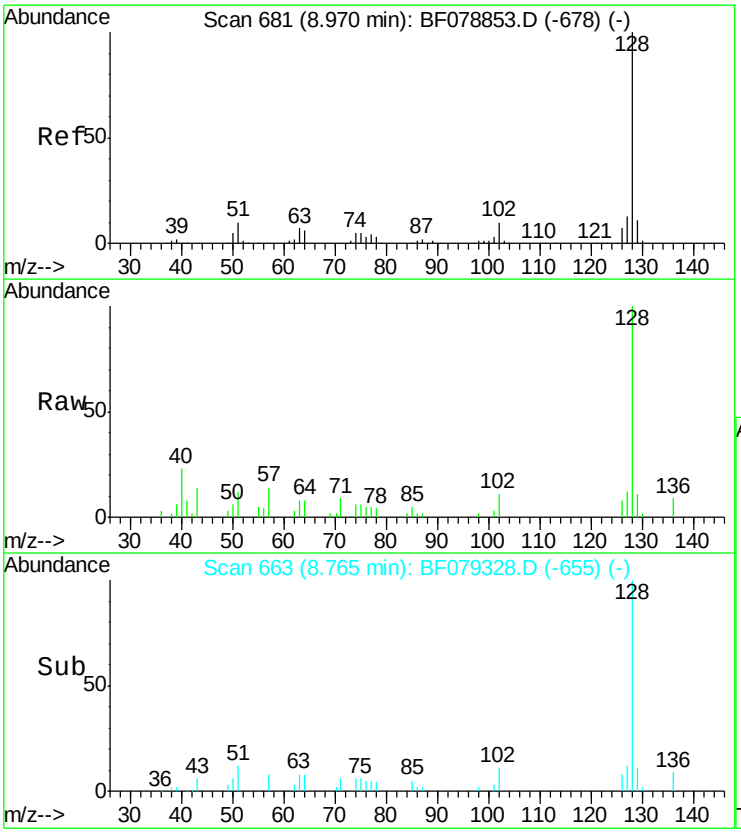
#23
Nitrobenzene-d5
Concen: 67.72 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion: 82 Resp: 223847

Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	51.1	46.2	69.4

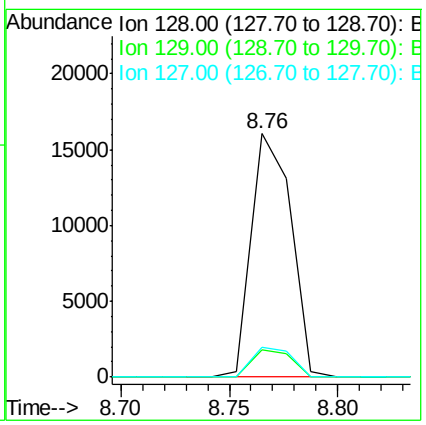


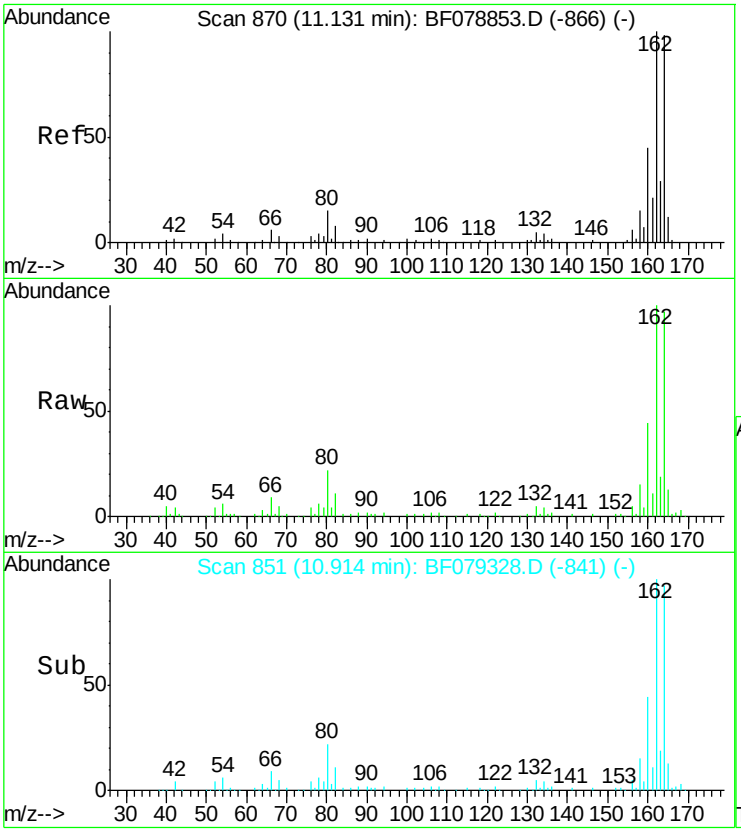


#31
Naphthalene
Concen: 2.27 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:128 Resp: 20533

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	12.4	10.3	15.5



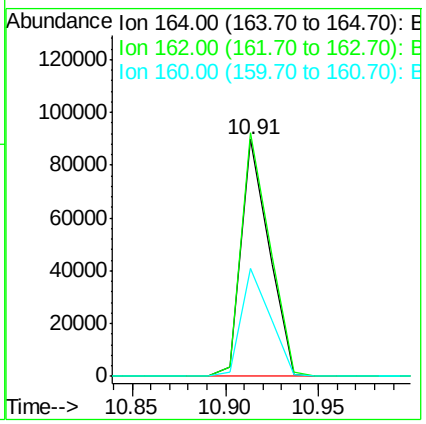


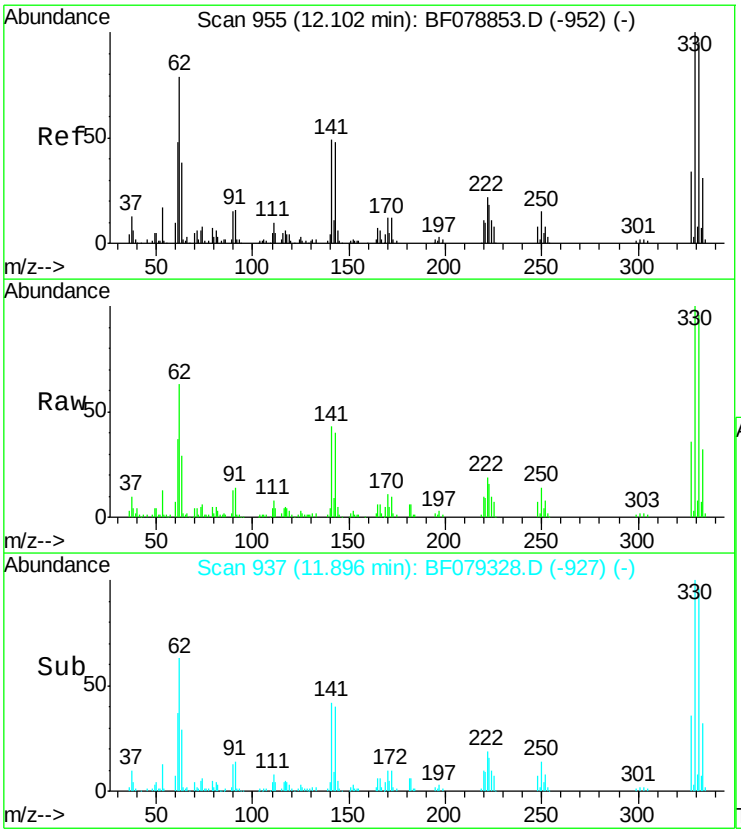
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:164 Resp: 93576

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	45.5	36.6	54.8

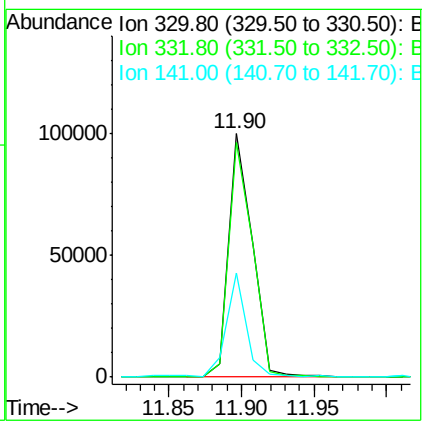


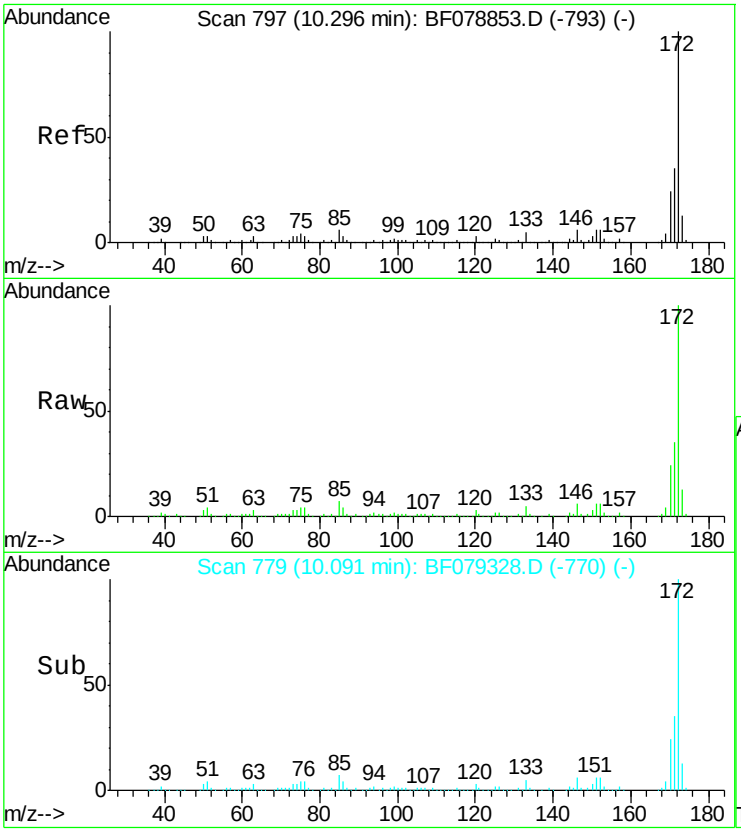


#41
2,4,6-Tribromophenol
Concen: 111.72 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:330 Resp: 113097

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	38.7	27.8	41.8



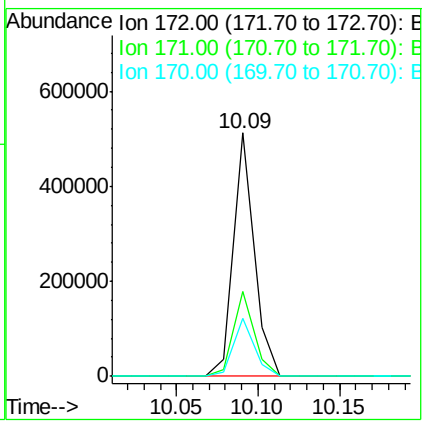


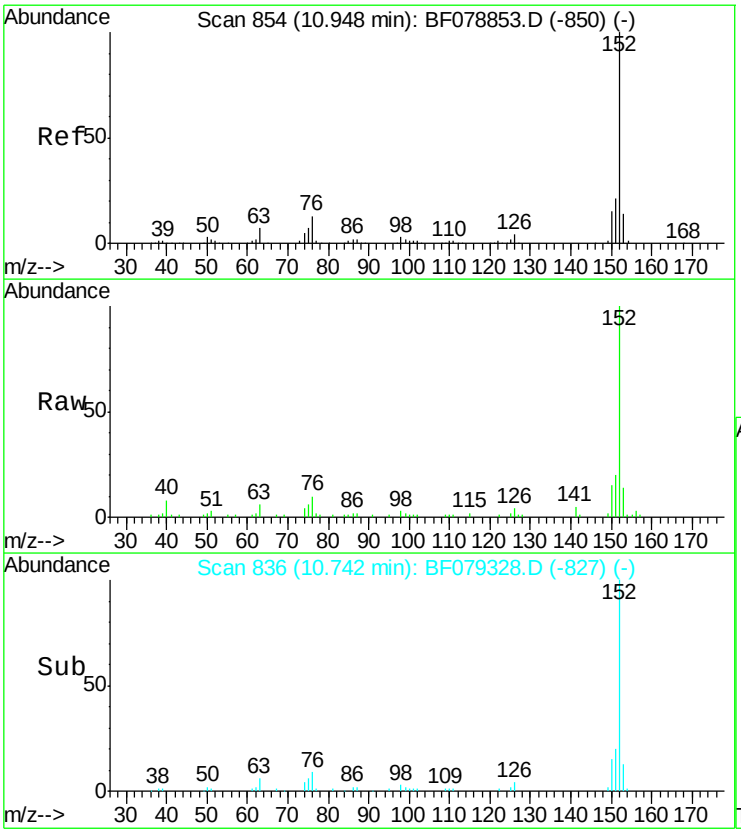
#44
2-Fluorobiphenyl
Concen: 67.17 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:172 Resp: 451135

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.7	19.4	29.2

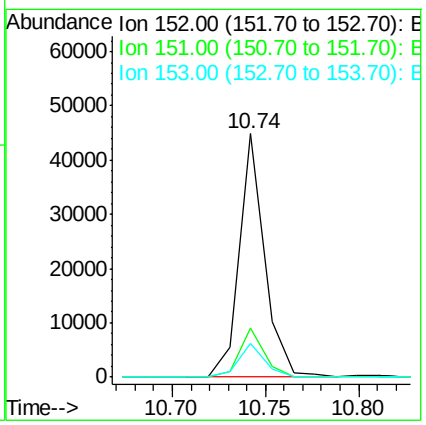


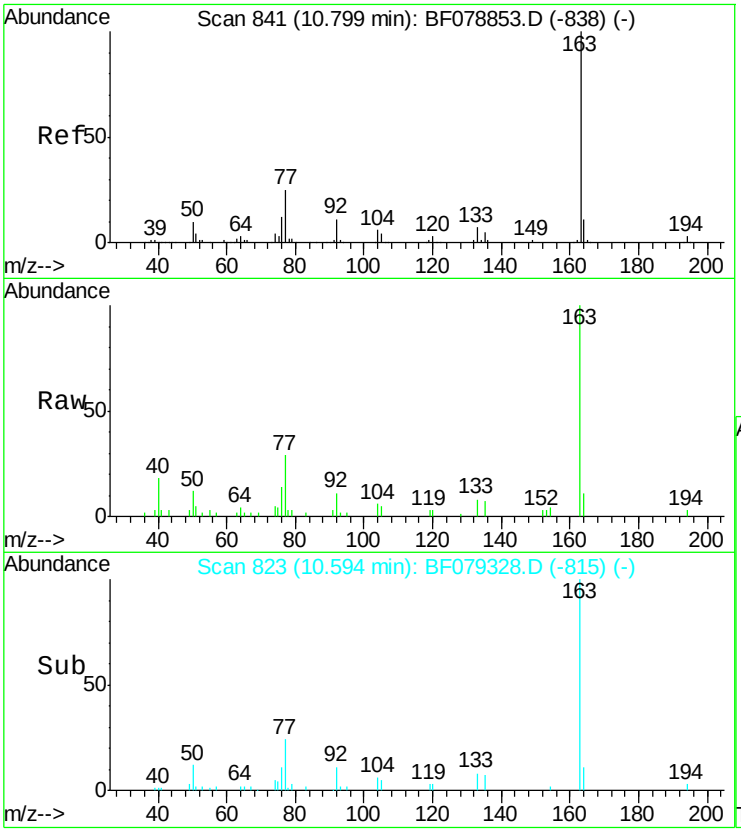


#48
Acenaphthylene
Concen: 4.47 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:152 Resp: 42553

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	24.8
153	13.8	11.0	16.6



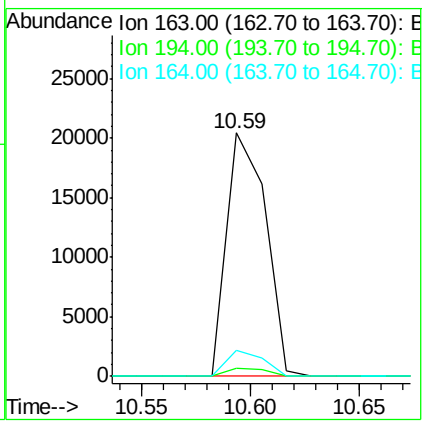


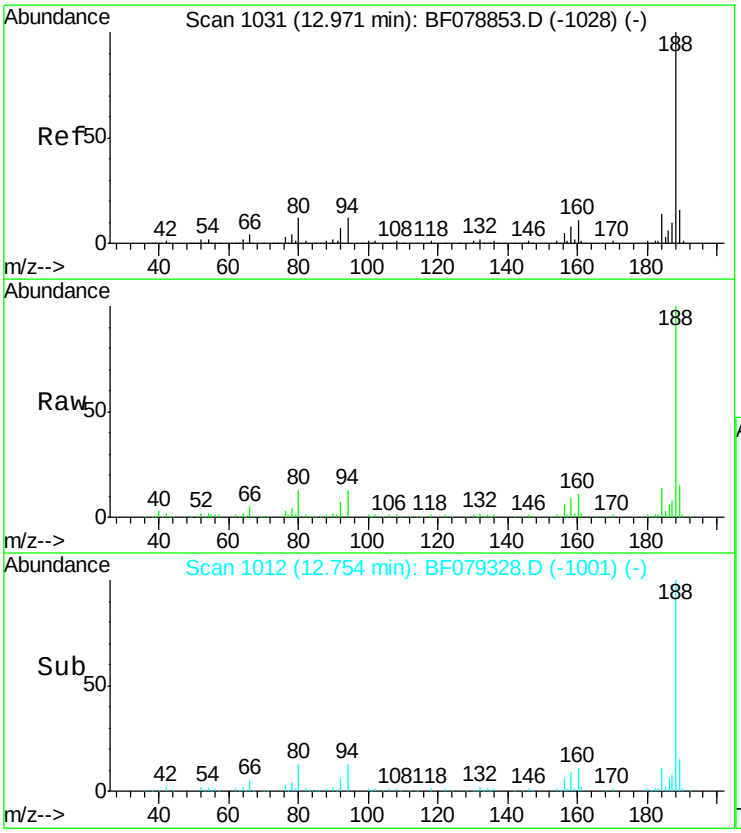
#49
Dimethylphthalate
Concen: 3.71 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:163 Resp: 25448

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.4	3.6
164	10.6	8.6	12.8

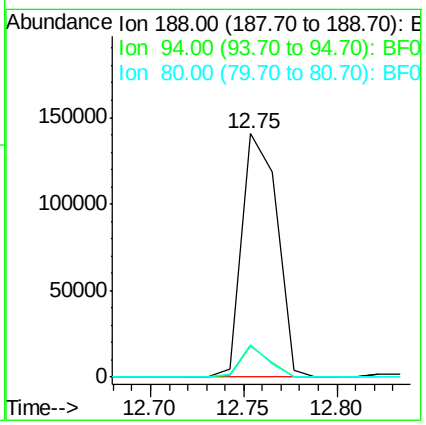


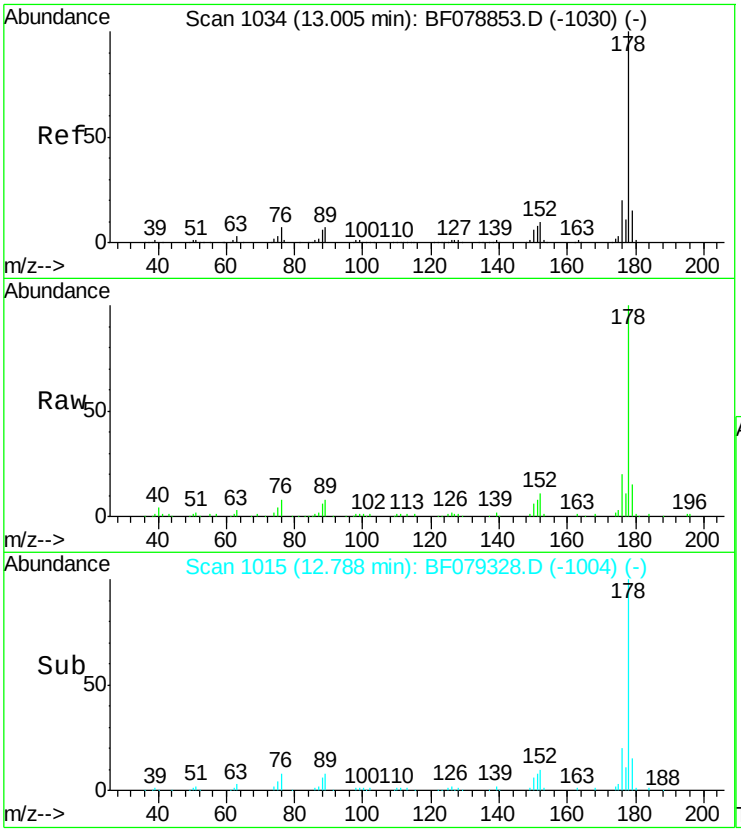


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:188 Resp: 184023

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.0
80	13.1	9.8	14.6



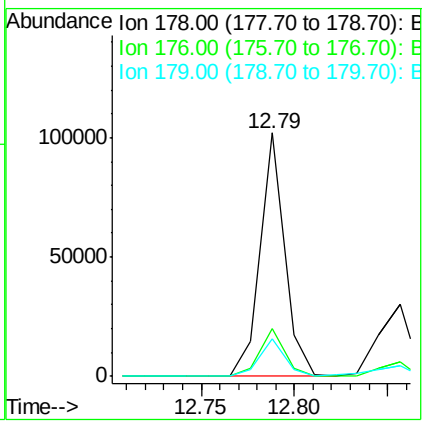


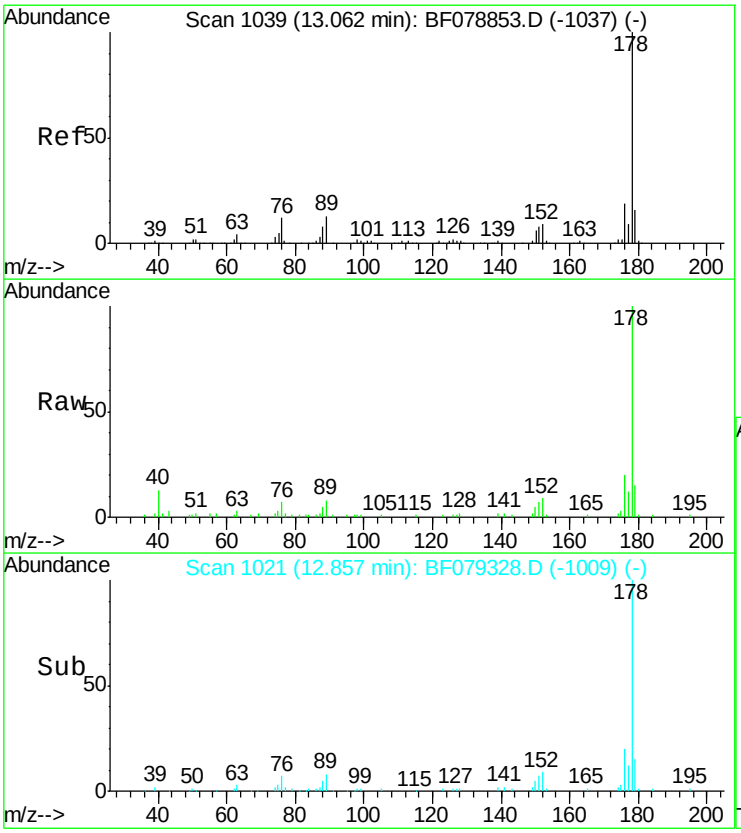
#70
Phenanthrene
Concen: 9.02 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:178 Resp: 92840

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.2	12.2	18.4

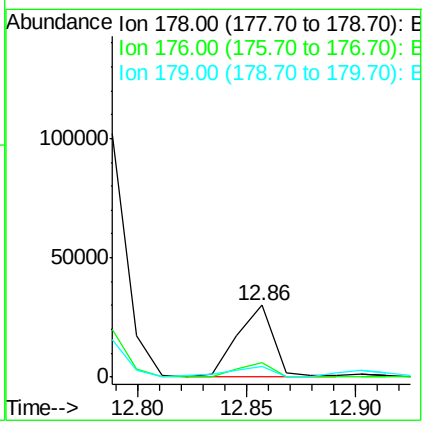


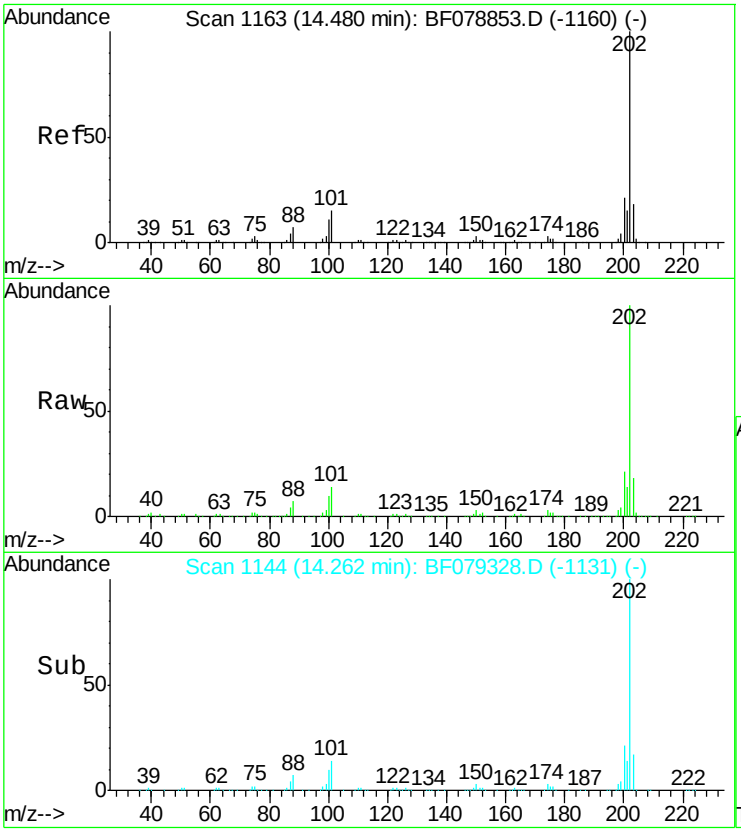


#71
Anthracene
Concen: 3.31 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:178 Resp: 33473

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.1	12.6	19.0



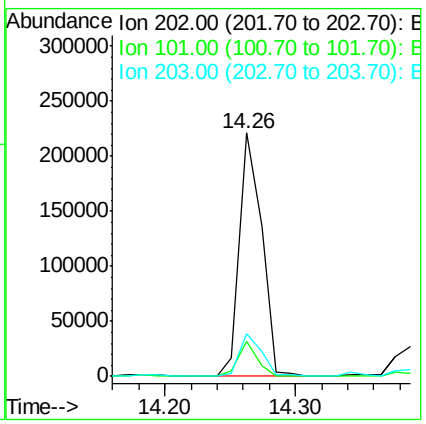


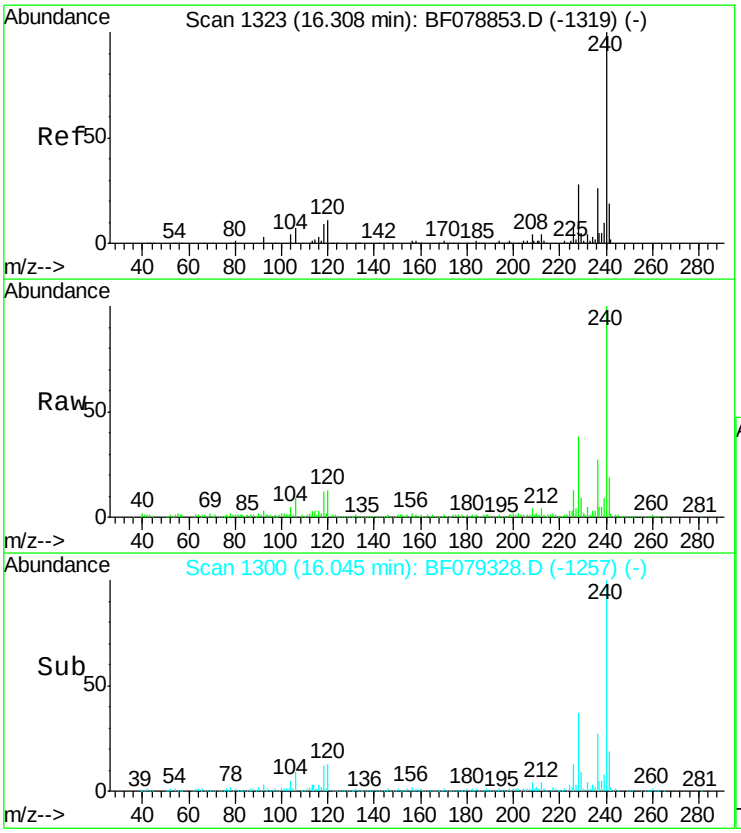
#74
Fluoranthene
Concen: 24.39 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:202 Resp: 261609

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.7
203	17.6	0.0	37.9

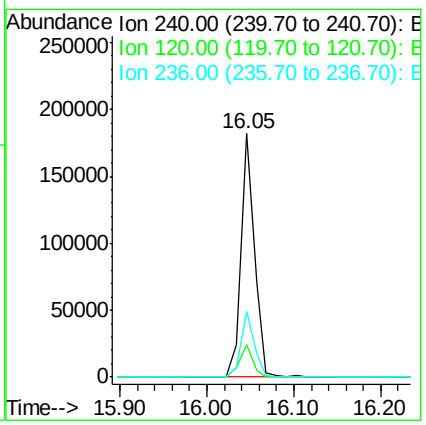


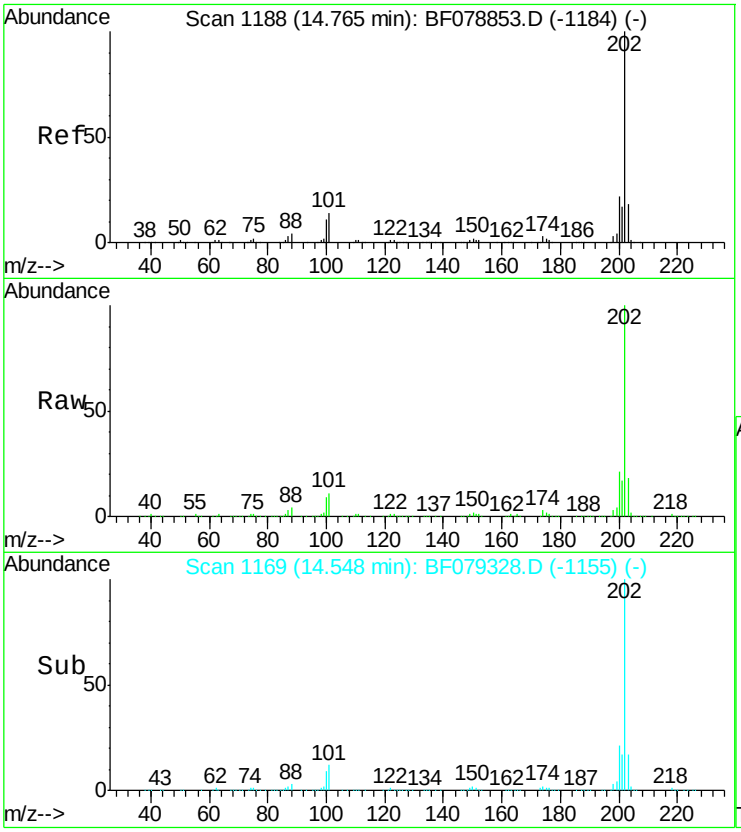


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:240 Resp: 192985

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.6	12.8#
236	27.0	21.0	31.6



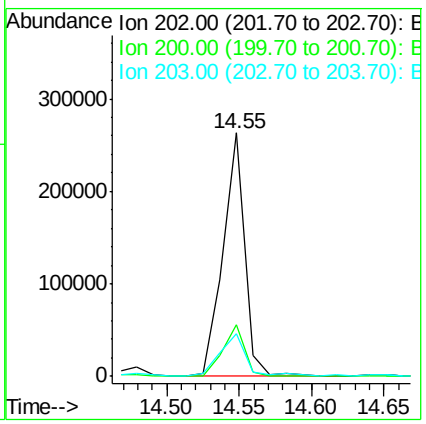


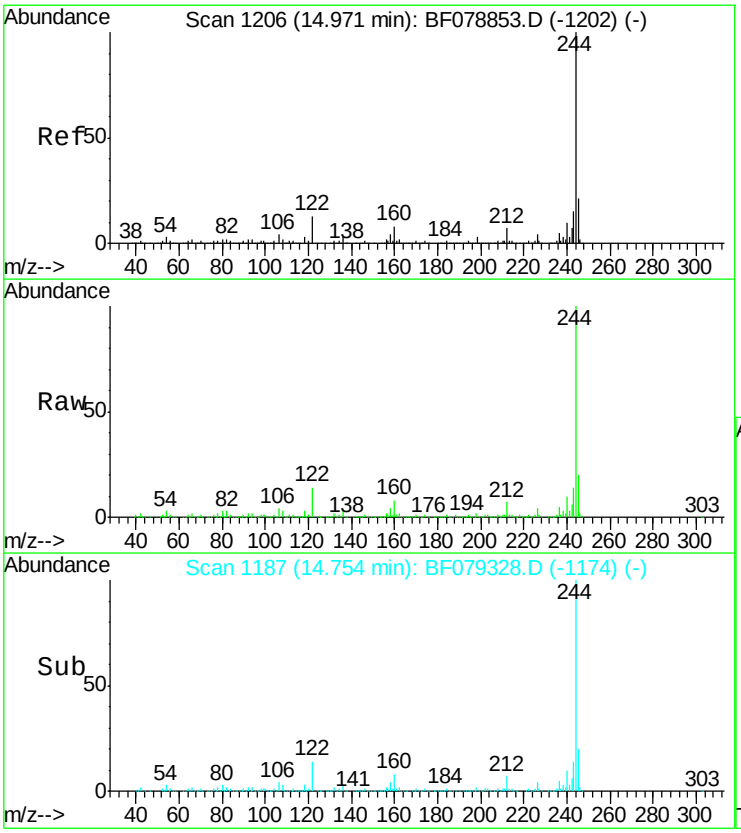
#77
Pyrene
Concen: 24.33 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:202 Resp: 270555

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.6	14.7	22.1

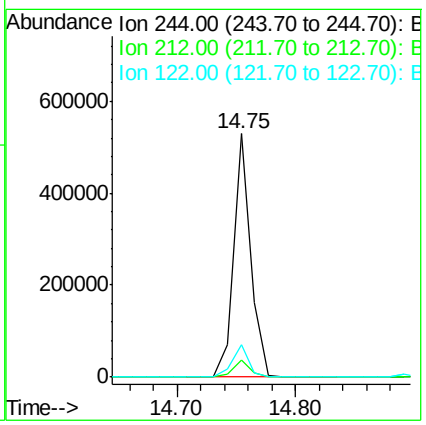


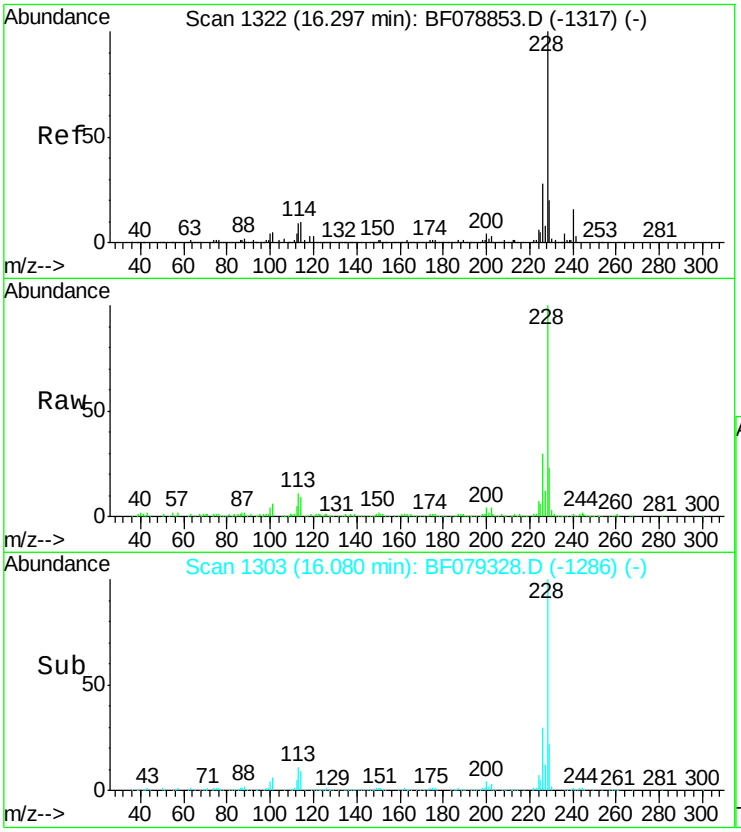


#78
Terphenyl-d14
Concen: 65.28 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:244 Resp: 526223

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	13.6	10.5	15.7



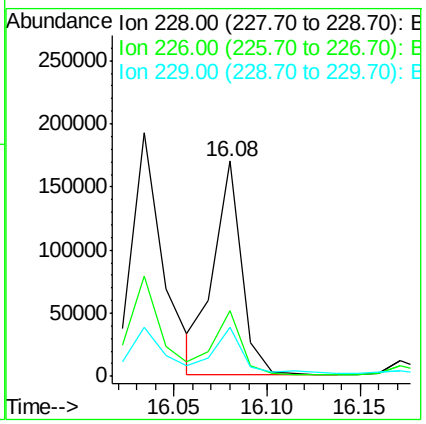


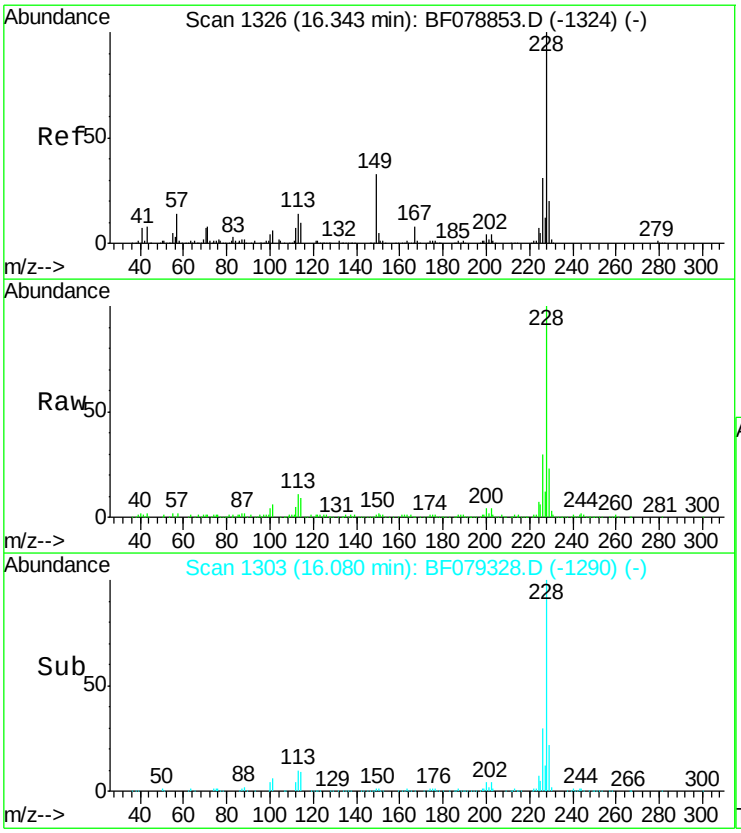
#80
Benzo(a)anthracene
Concen: 16.79 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.03 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:228 Resp: 177430

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	22.8	16.1	24.1

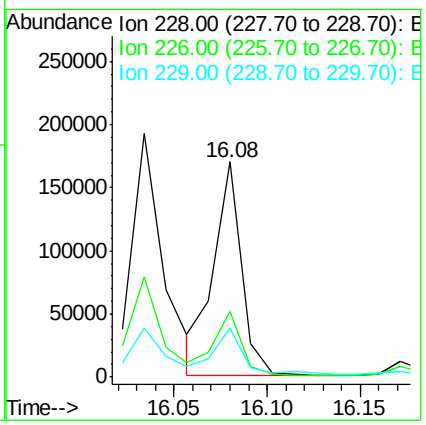


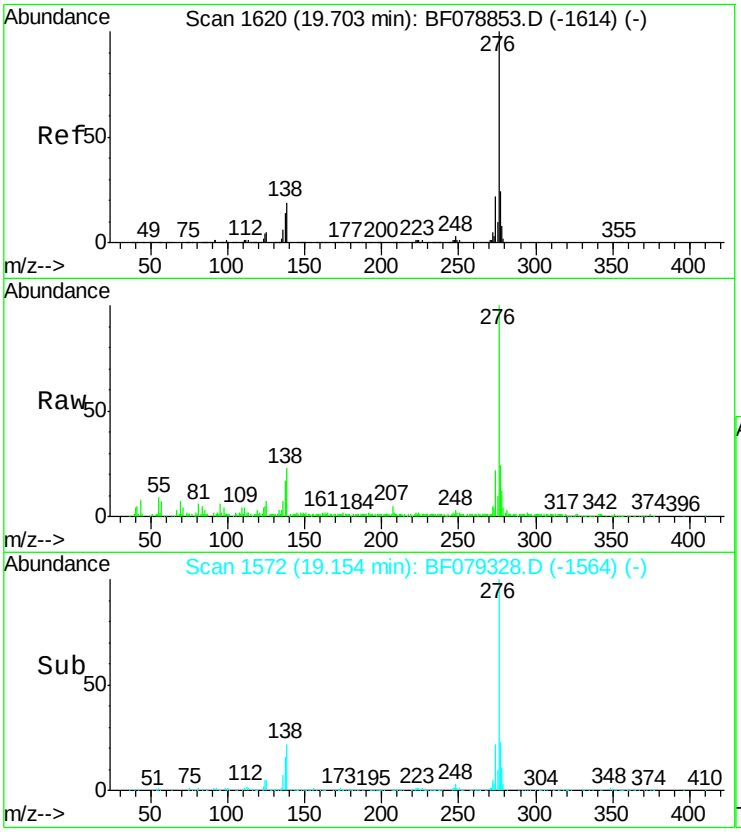


#82
Chrysene
Concen: 17.45 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:228 Resp: 177418

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	22.8	16.1	24.1



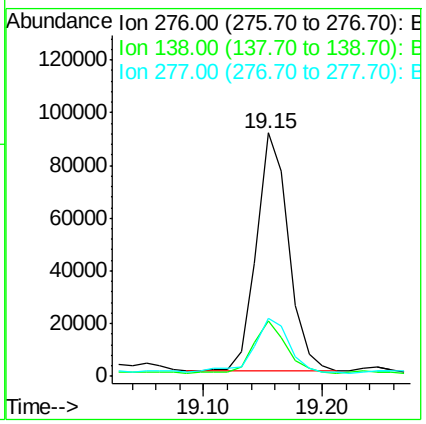


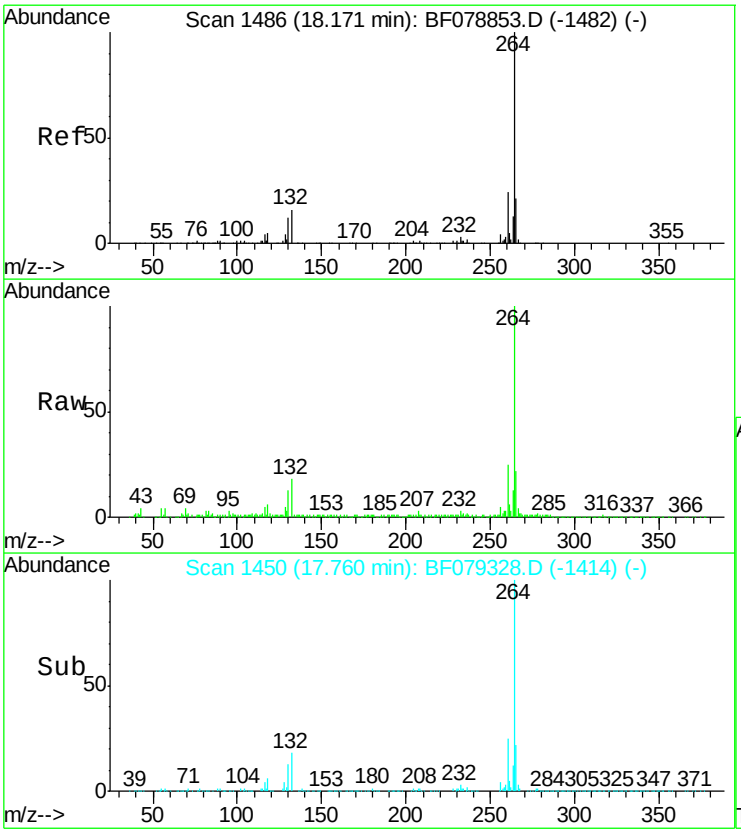
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.15 ng
RT: 19.15 min Scan# 1572
Delta R.T. -0.11 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:276 Resp: 170336

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.1	31.7
277	25.7	19.9	29.9

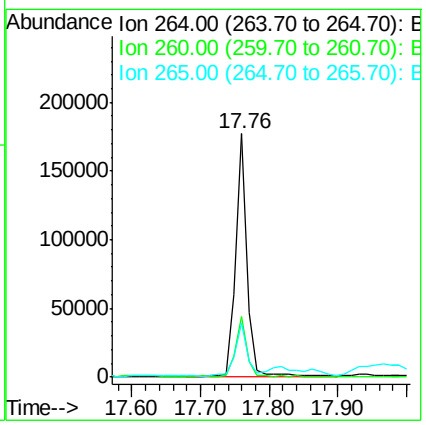


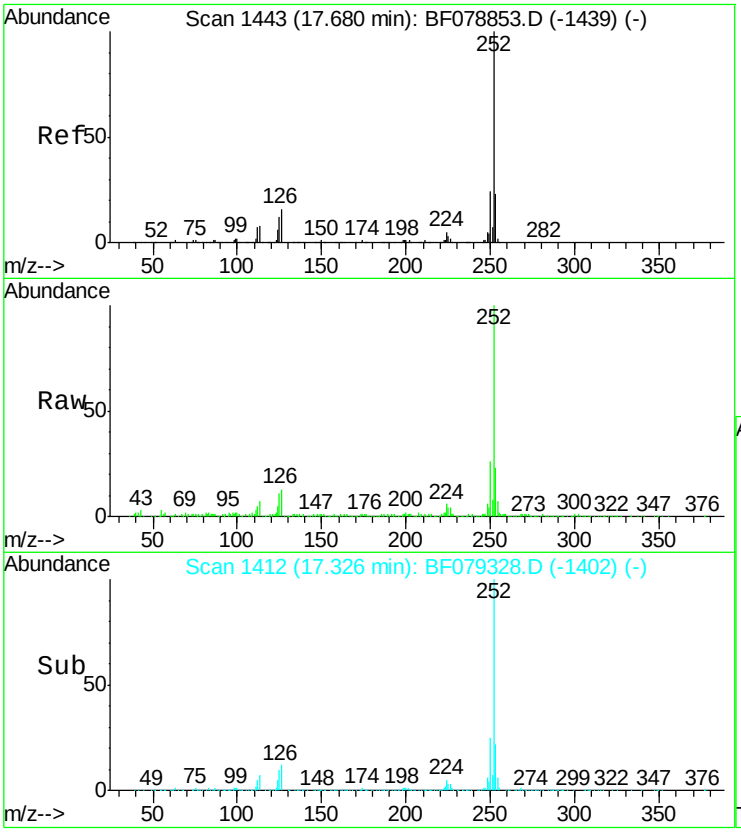


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.09 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:264 Resp: 207158

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.2	17.2	25.8



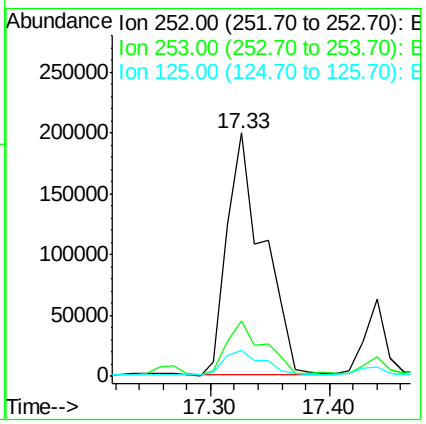


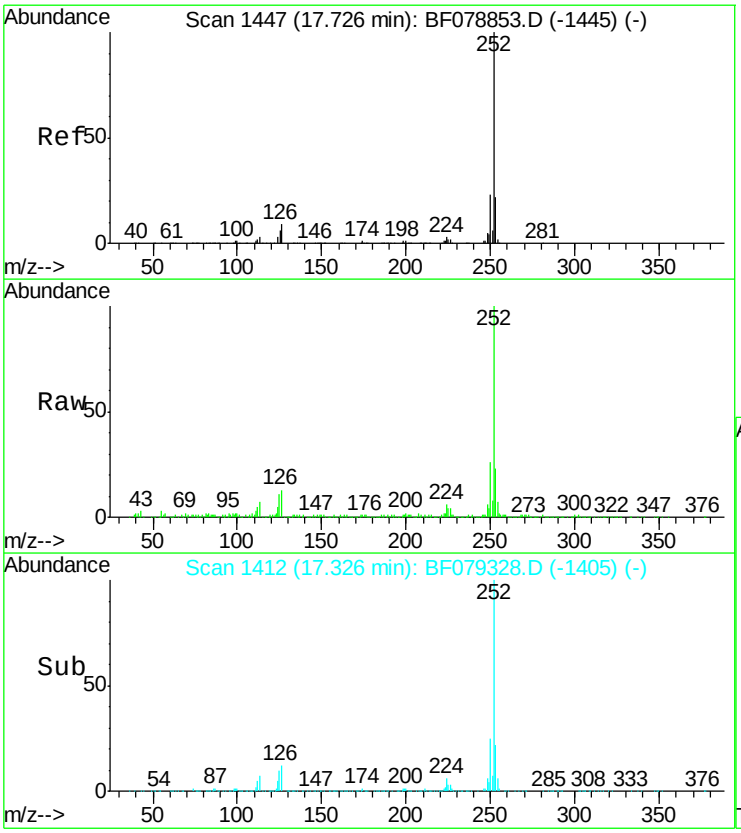
#87
Benzo(b)fluoranthene
Concen: 37.48 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.07 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:252 Resp: 424923

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.7	9.4	14.2

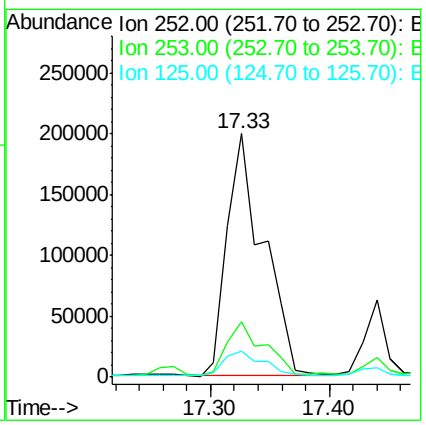


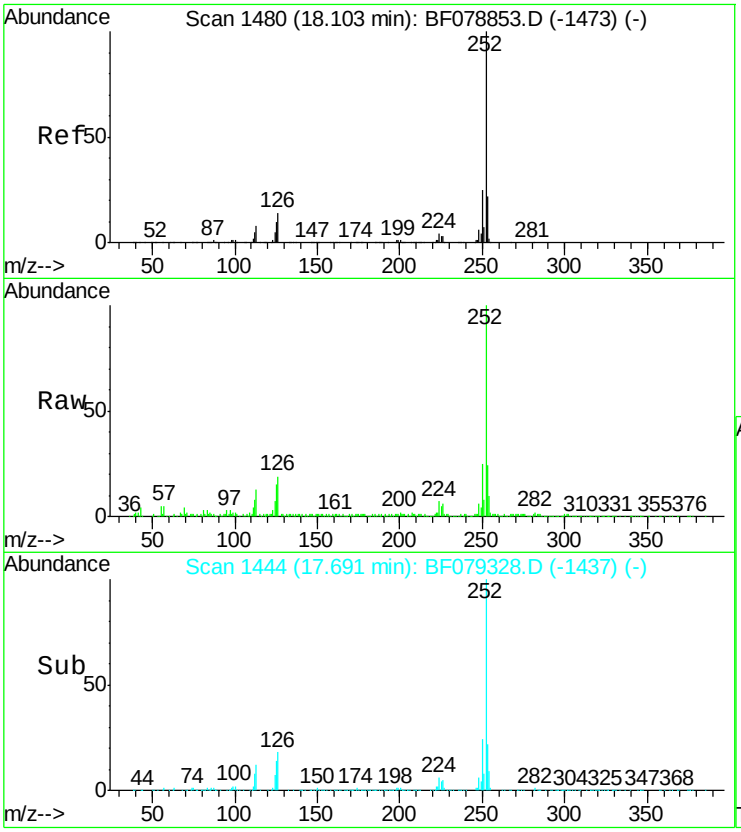


#88
Benzo(k)fluoranthene
Concen: 38.71 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.10 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:252 Resp: 424923

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.7	6.1	9.1#



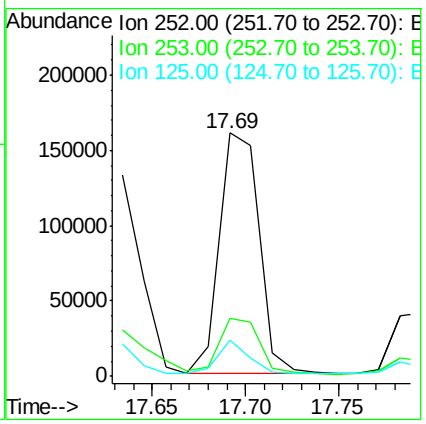


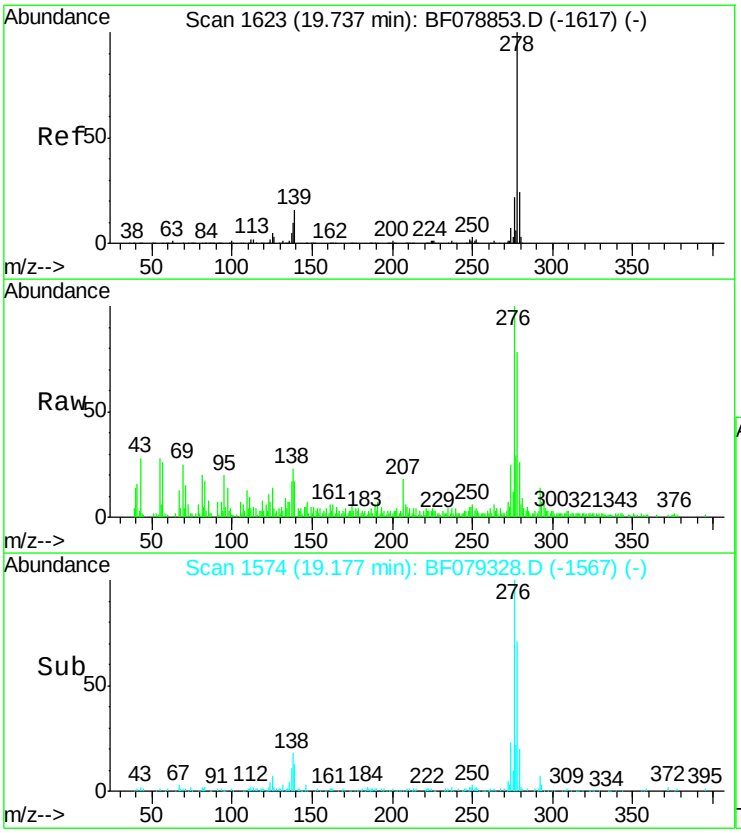
#89
Benzo(a)pyrene
Concen: 22.71 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.10 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:252 Resp: 237127

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.7	8.2	12.2#

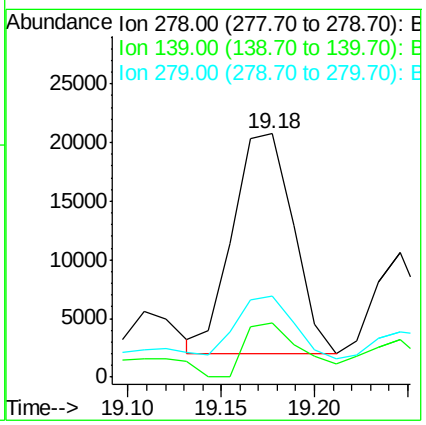


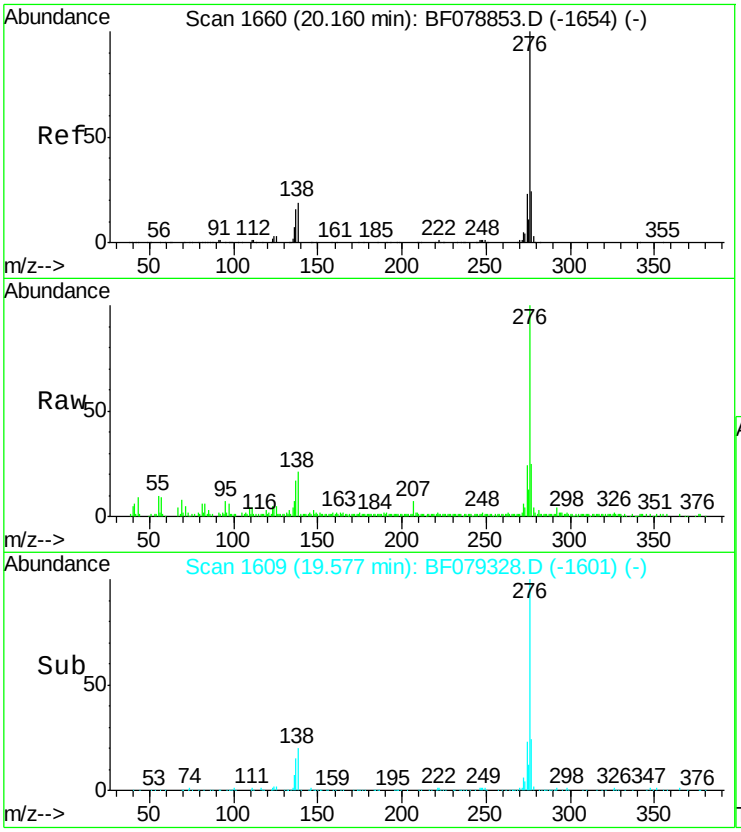


#90
Dibenzo(a,h)anthracene
Concen: 3.80 ng
RT: 19.18 min Scan# 1574
Delta R.T. -0.13 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Tgt Ion:278 Resp: 42211

Ion	Ratio	Lower	Upper
278	100		
139	22.2	13.1	19.7#
279	33.5	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 14.15 ng
RT: 19.58 min Scan# 1609
Delta R.T. -0.11 min
Lab File: BF079328.D
Acq: 19 May 2015 3:00

Instrument :
BNA_F
ClientSampleId :
WC-07-D1

Tgt Ion:276 Resp: 157364

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	20.9	15.2	22.8