Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079329.D
Acq On : 19 May 2015 3:29
Operator : TP/IZ
Sample : G2273-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-05-D1

Quant Time: May 19 05:08:05 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 04:38:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	47807	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	198022	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	98350	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	192566	20.00	ng		0.01
75) Chrysene-d12	16.05	240	205601	20.00	ng		-0.01
86) Perylene-d12	17.75	264	207315	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	318536m	114.69	ng		0.01
7) Phenol-d6	6.74	99	419085	114.16	ng		0.00
23) Nitrobenzene-d5	7.86	82	248449	72.11	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	129481	121.70	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	503620	71.34	ng		0.00
78) Terphenyl-d14	14.75	244	592703	69.02	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.76	128	48352	5.12	ng		99
48) Acenaphthylene	10.74	152	57306	5.72	ng		99
49) Dimethylphthalate	10.59	163	32994	4.57	ng		99
69) Pentachlorophenol	12.54	266	3533	9.25	ng		93
70) Phenanthrene	12.79	178	124387	11.55	ng		100
71) Anthracene	12.86	178	51041	4.83	ng		99
74) Fluoranthene	14.26	202	295765	26.35	ng		99
77) Pyrene	14.55	202	321772	27.16	ng		99
80) Benzo(a)anthracene	16.03	228	227549m	20.21	ng		
82) Chrysene	16.08	228	165907	15.32	ng		98
85) Indeno(1,2,3-cd)pyrene	19.14	276	183723	13.32	ng		95
87) Benzo(b)fluoranthene	17.31	252	286314m	25.23	ng		
88) Benzo(k)fluoranthene	17.33	252	116621m	10.62	ng		
89) Benzo(a)pyrene	17.68	252	226172	21.65	ng	#	96
90) Dibenzo(a,h)anthracene	19.15	278	38604m	3.48	ng		
91) Benzo(g,h,i)perylene	19.55	276	174923	15.72	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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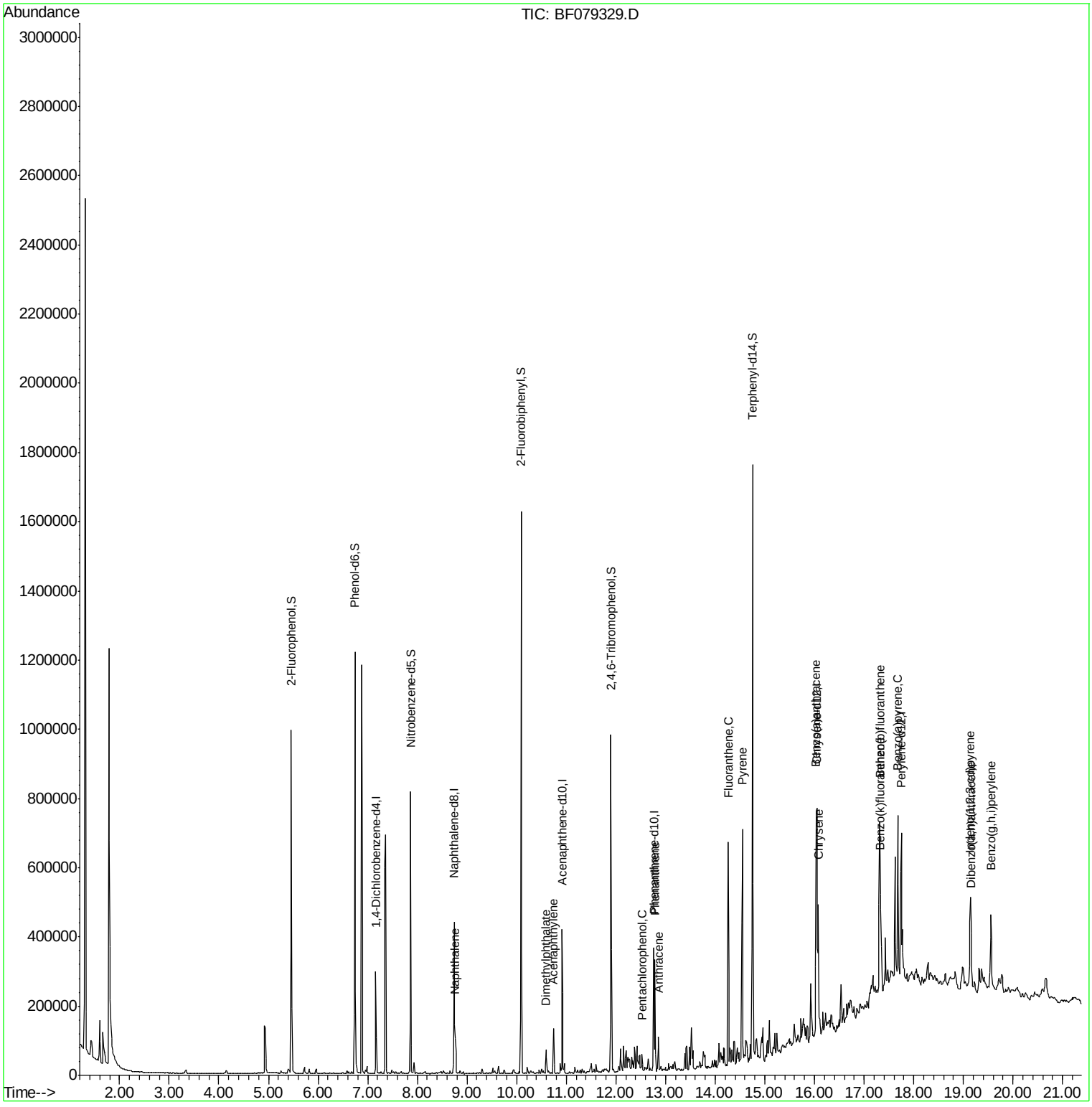
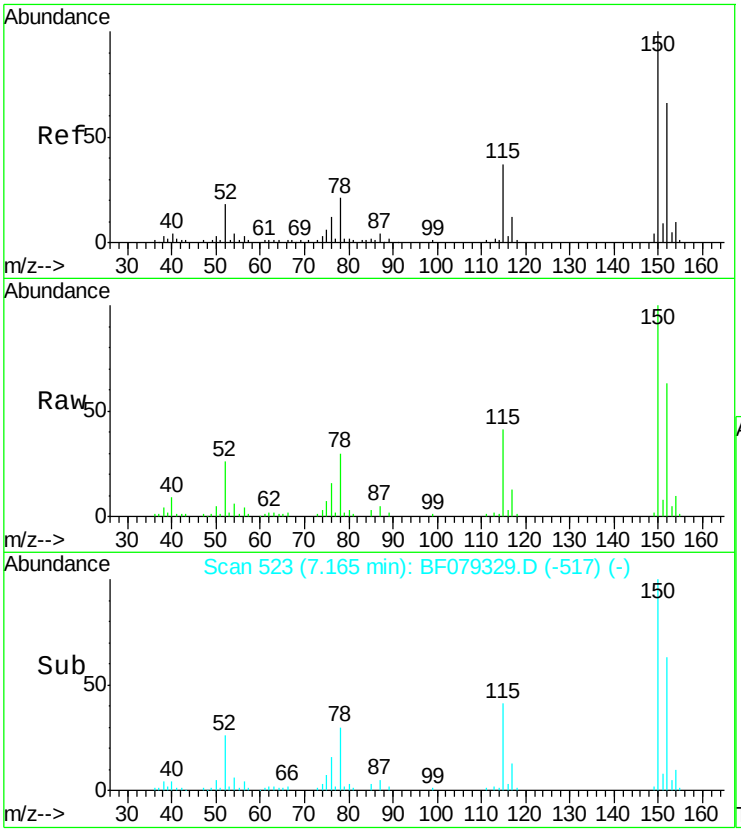


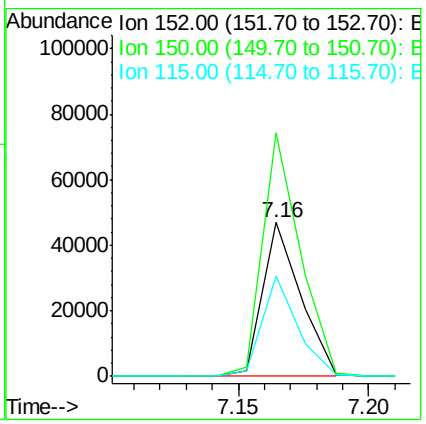


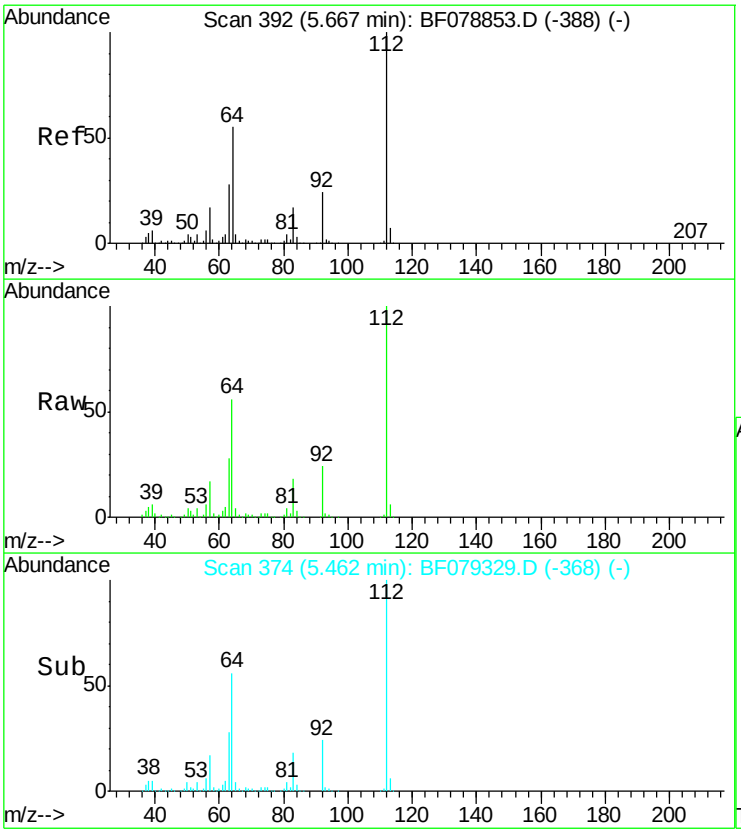
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:152 Resp: 47807

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.8
115	65.3	49.4	74.0

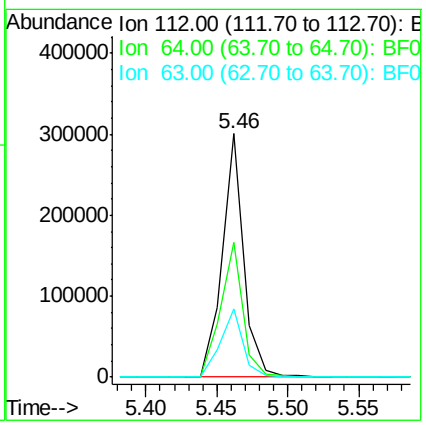


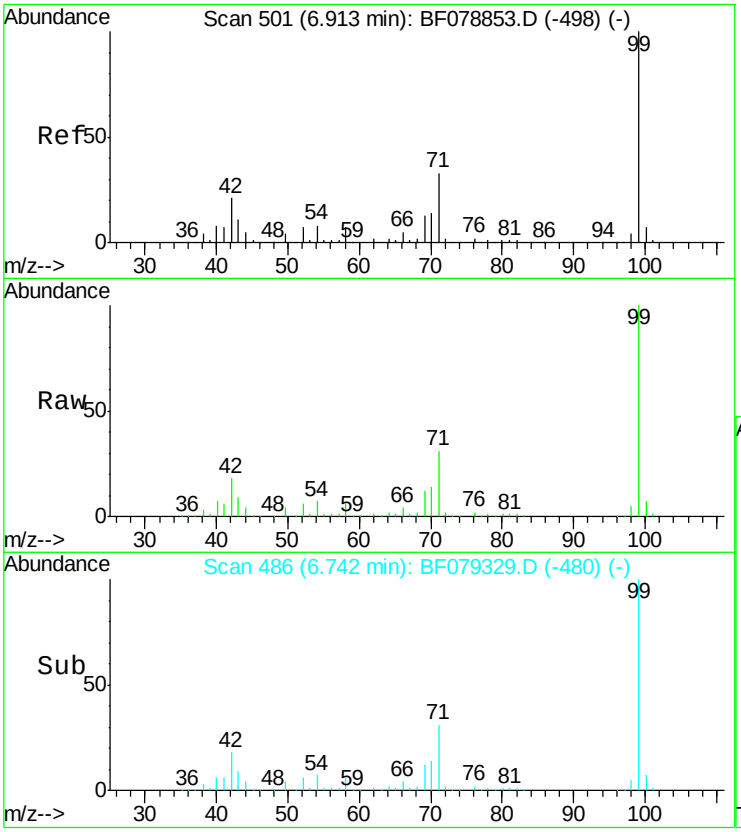


#5
2-Fluorophenol
Concen: 114.69 ng m
RT: 5.46 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:112 Resp: 318536

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.2	66.2
63	28.2	22.7	34.1



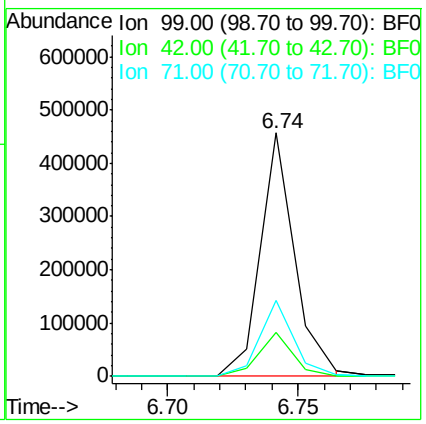


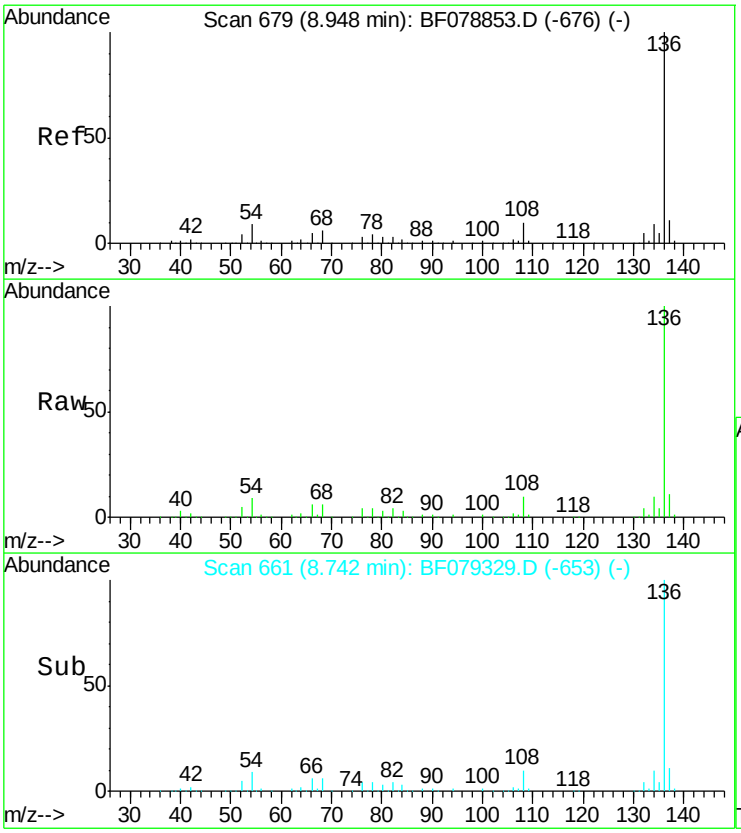
#7
Phenol-d6
Concen: 114.16 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion: 99 Resp: 419085

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.1	25.7
71	31.3	26.3	39.5

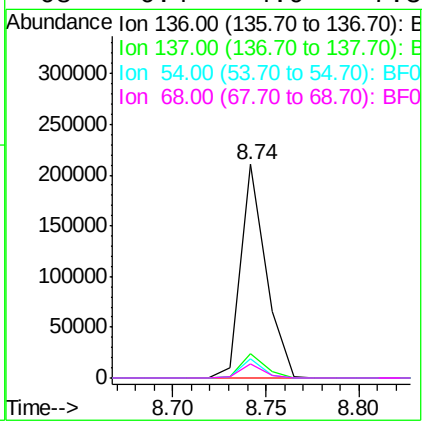


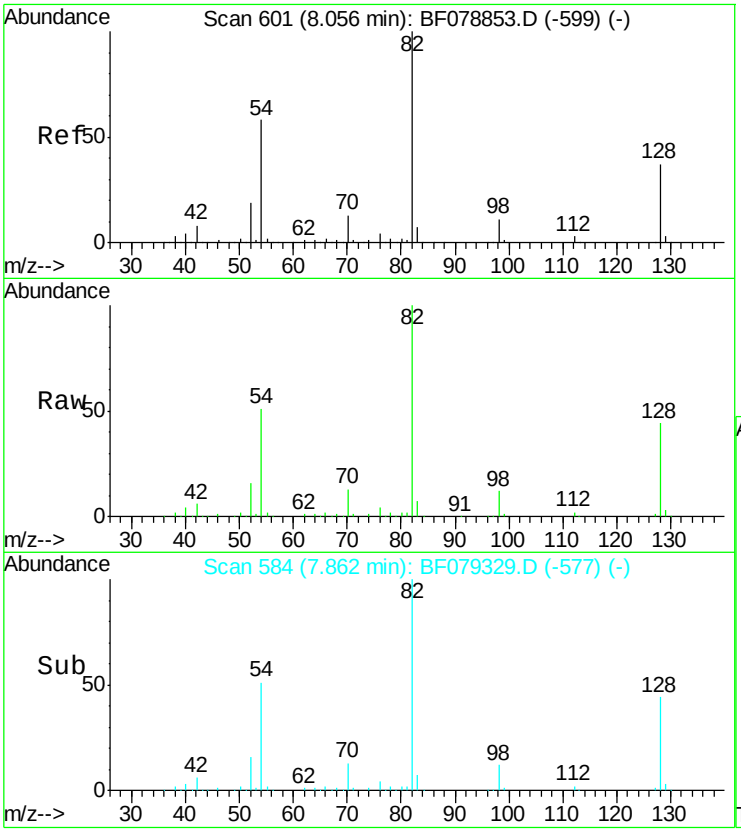


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:136 Resp: 198022

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.9	6.9	10.3
68	6.4	4.9	7.3



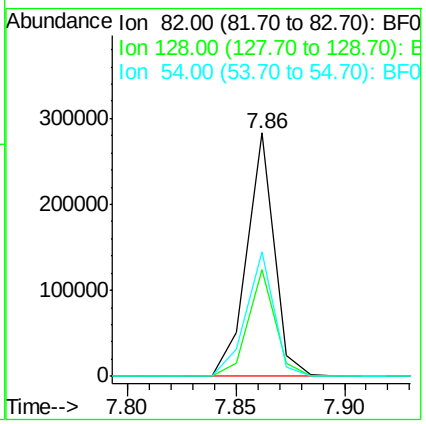


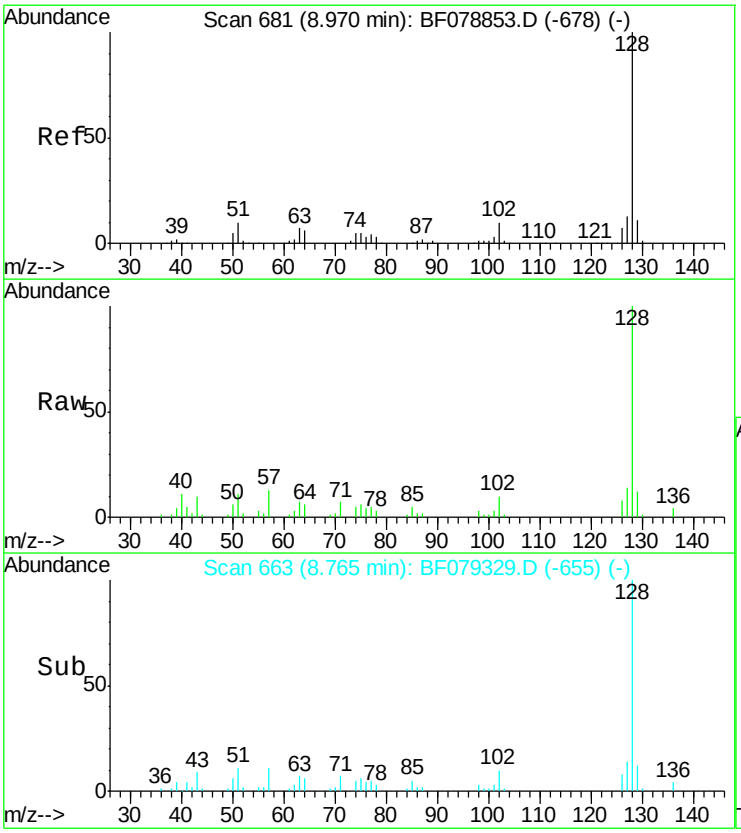
#23
Nitrobenzene-d5
Concen: 72.11 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion: 82 Resp: 248449

Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	51.2	46.2	69.4

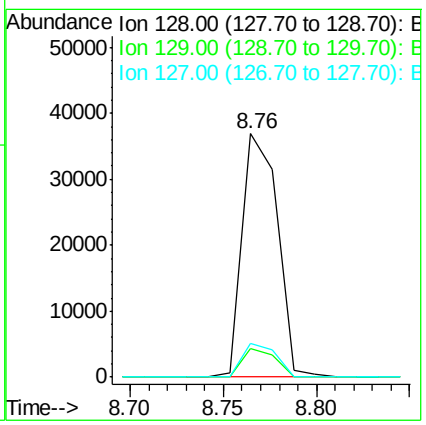


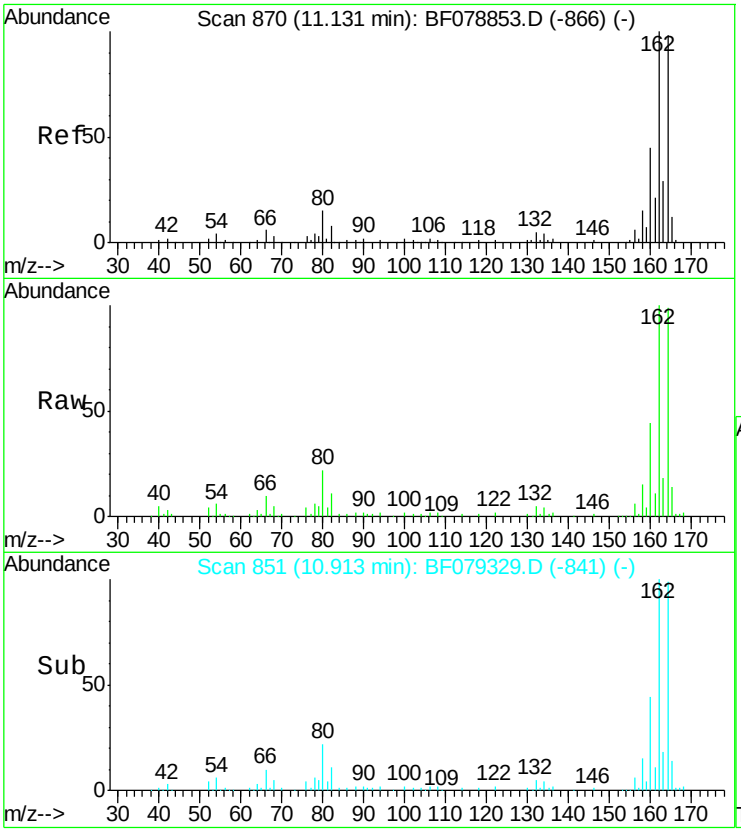


#31
Naphthalene
Concen: 5.12 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:128 Resp: 48352

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.7	10.3	15.5



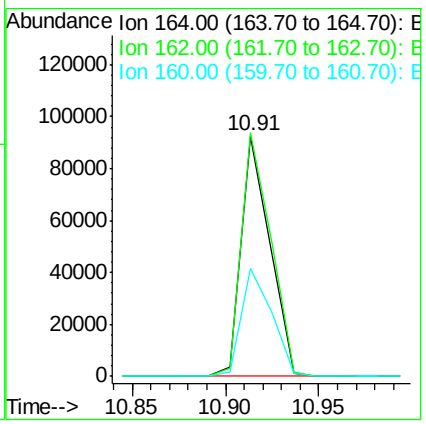


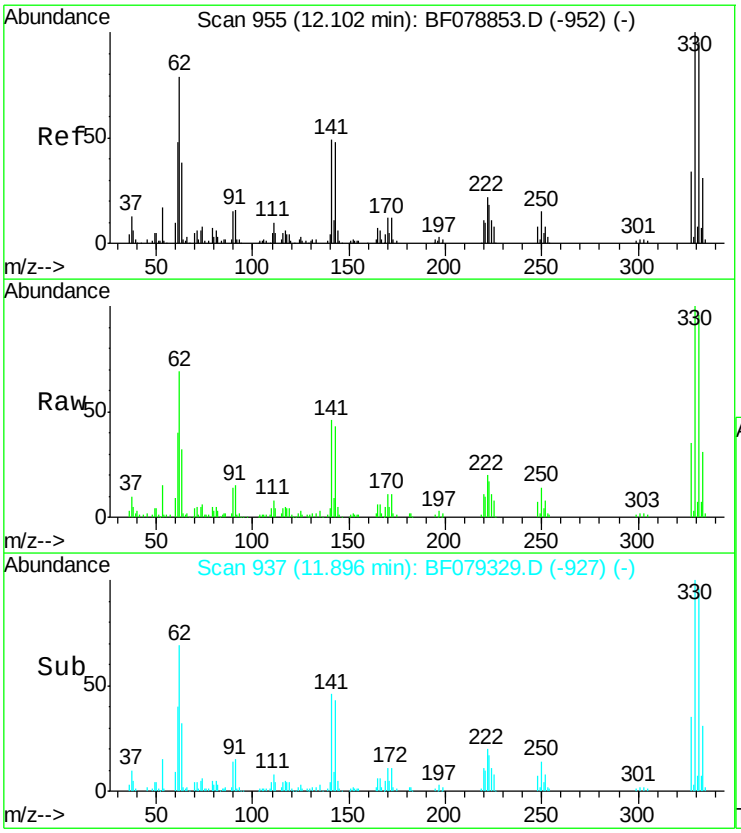
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:164 Resp: 98350

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.9	36.6	54.8

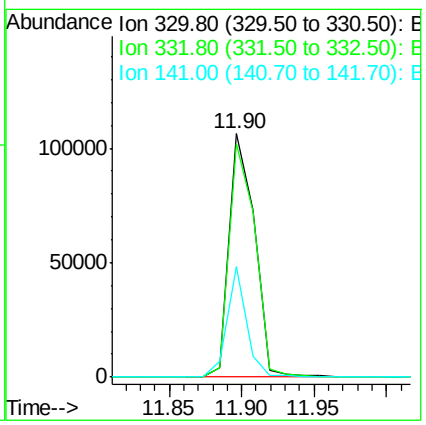


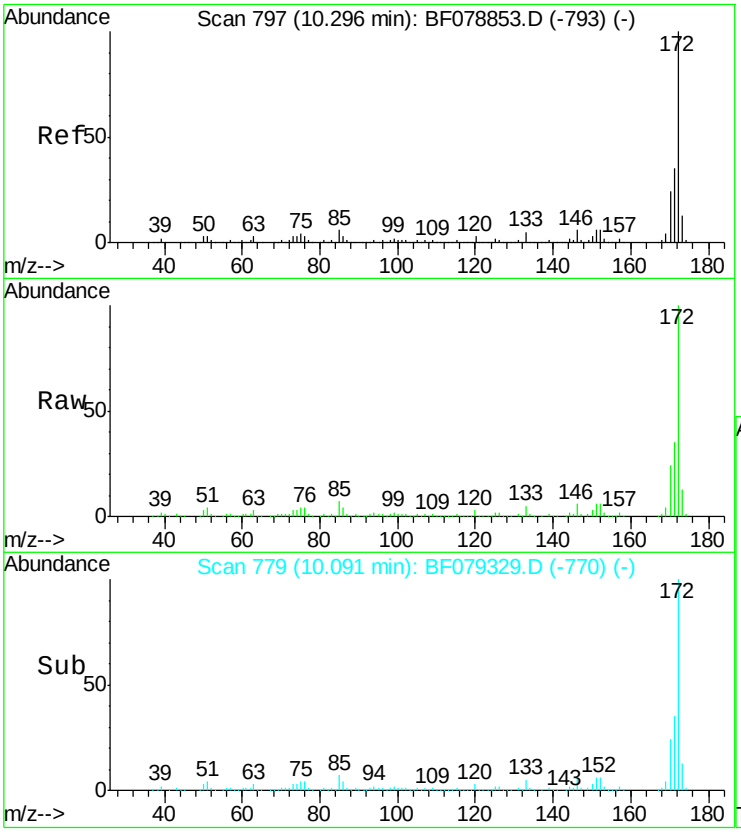


#41
2,4,6-Tribromophenol
Concen: 121.70 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:330 Resp: 129481

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	35.5	27.8	41.8



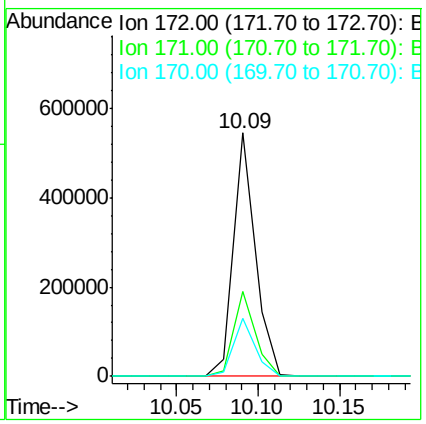


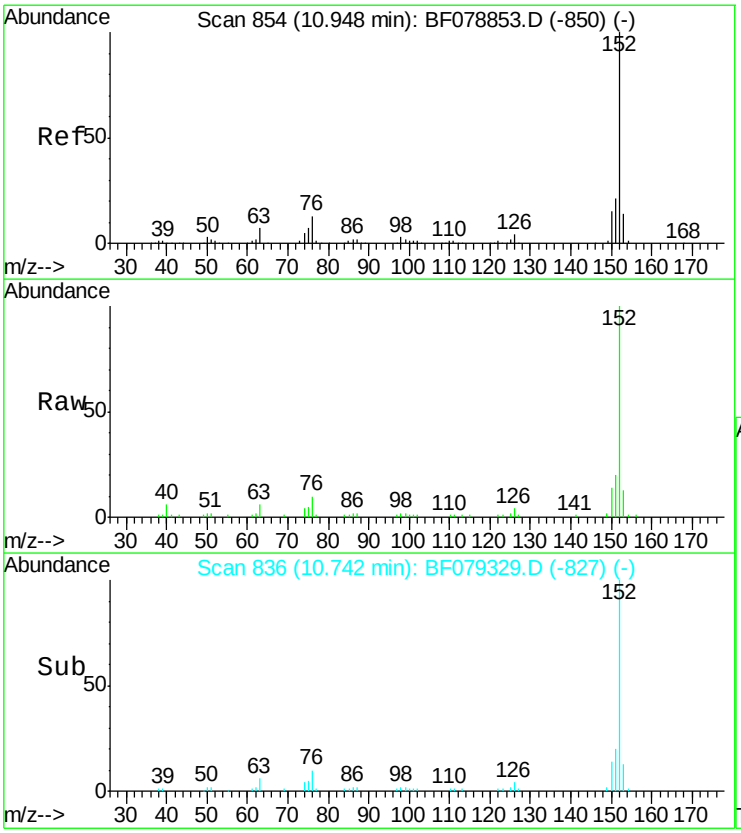
#44
2-Fluorobiphenyl
Concen: 71.34 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:172 Resp: 503620

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	24.0	19.4	29.2

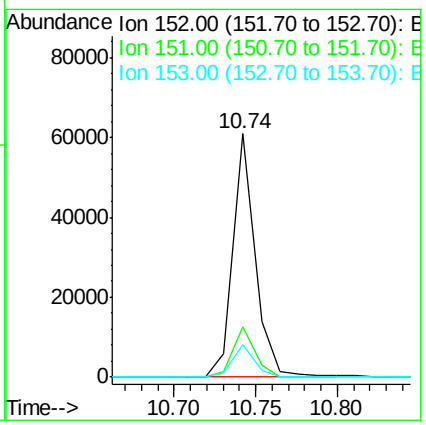


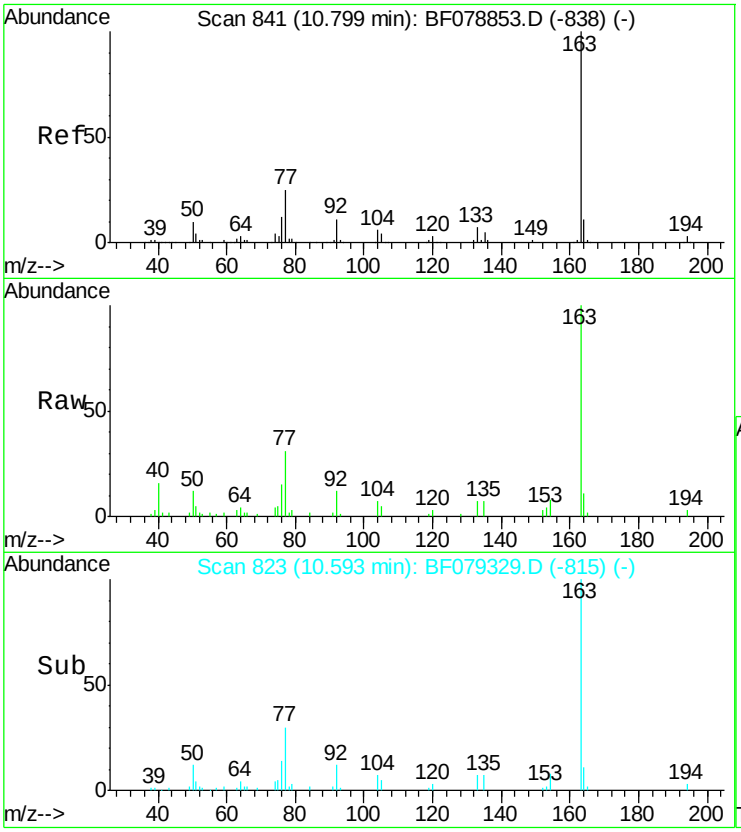


#48
Acenaphthylene
Concen: 5.72 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:152 Resp: 57306

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.3	11.0	16.6



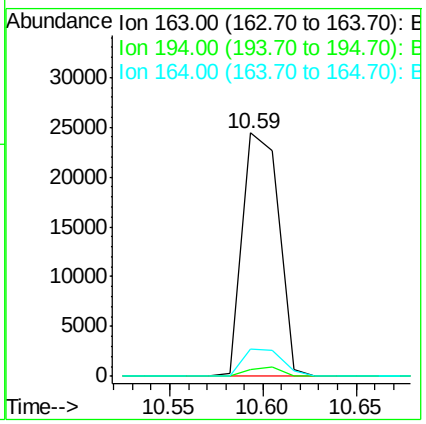


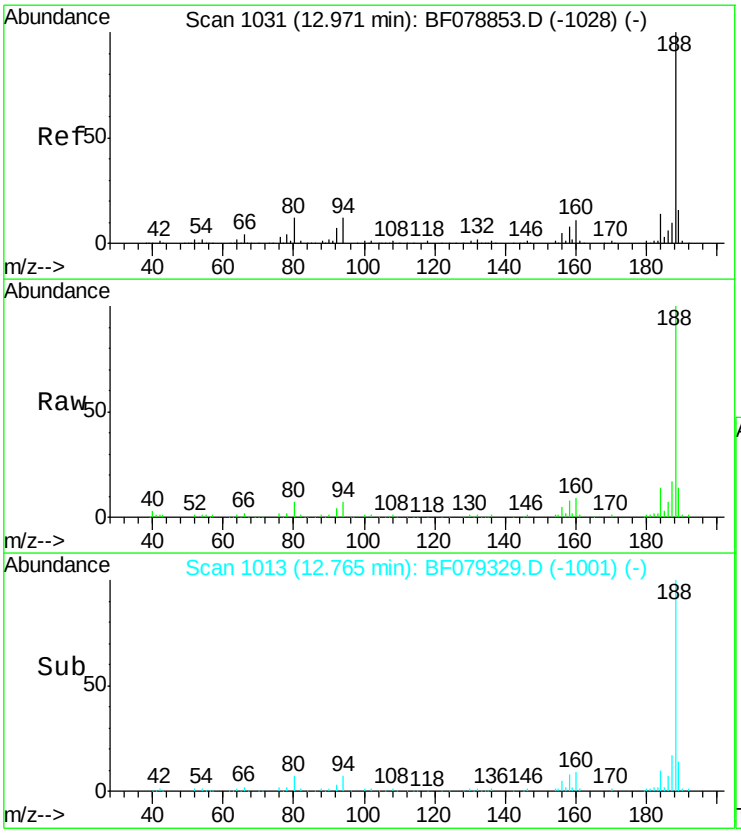
#49
Dimethylphthalate
Concen: 4.57 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:163 Resp: 32994

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.4	3.6
164	11.0	8.6	12.8

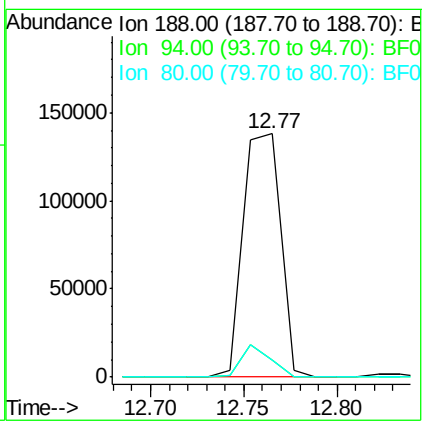


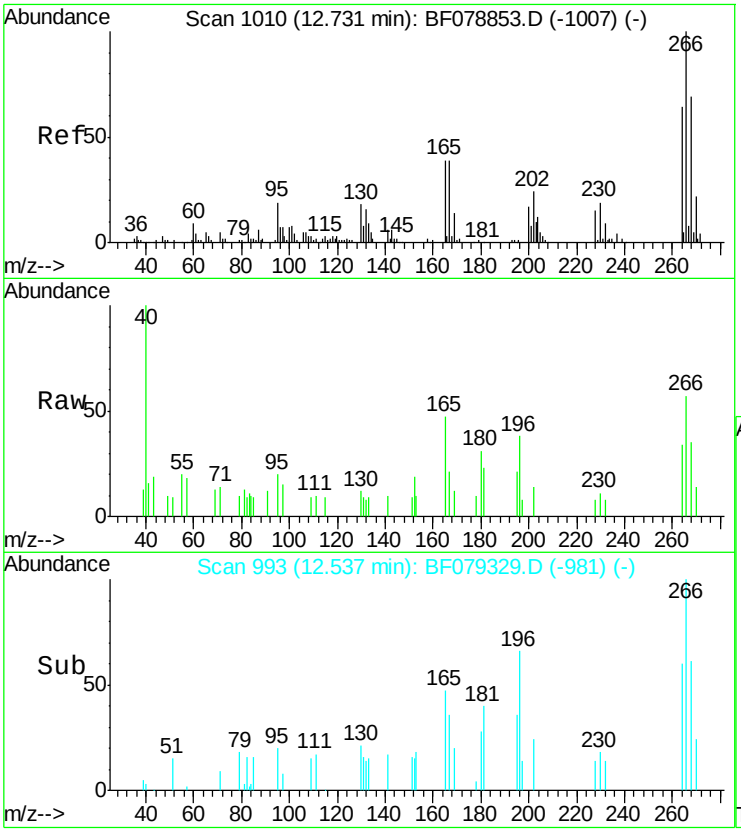


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:188 Resp: 192566

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.4	14.0#
80	7.0	9.8	14.6#



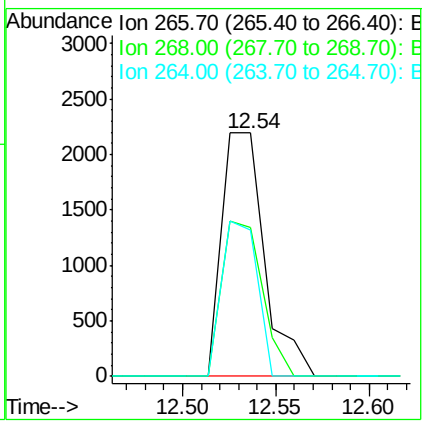


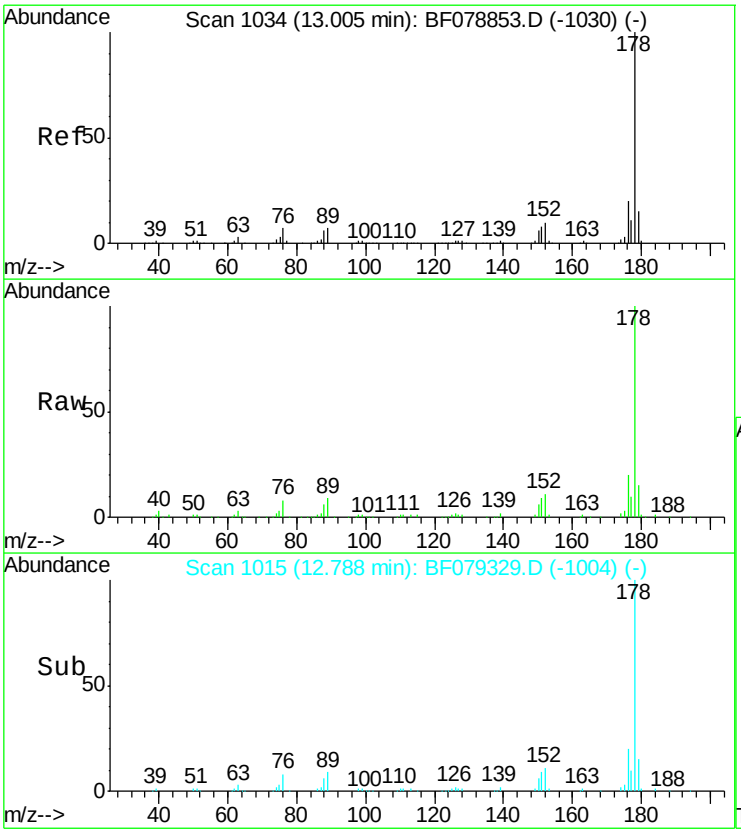
#69
Pentachlorophenol
Concen: 9.25 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:266 Resp: 3533

Ion	Ratio	Lower	Upper
266	100		
268	61.3	55.0	82.6
264	60.1	50.9	76.3

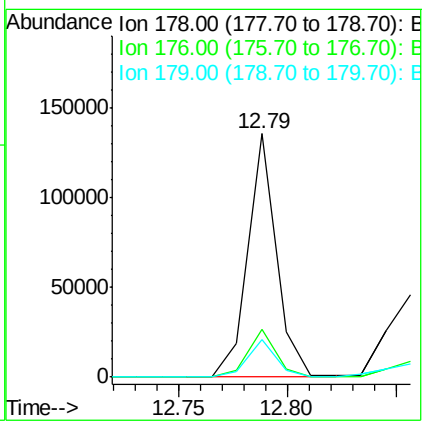


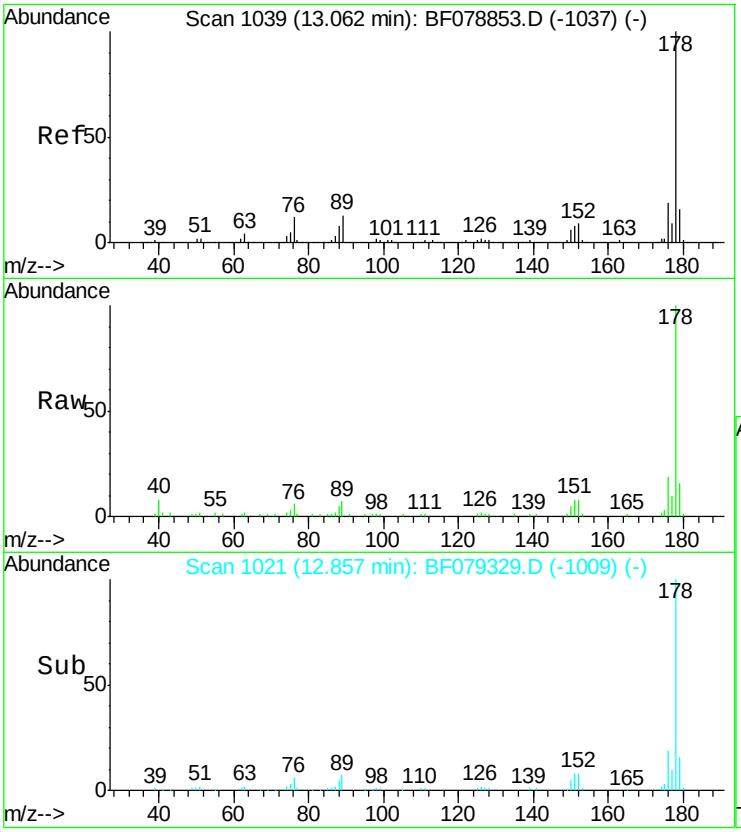


#70
Phenanthrene
Concen: 11.55 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:178 Resp: 124387

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	12.2	18.4



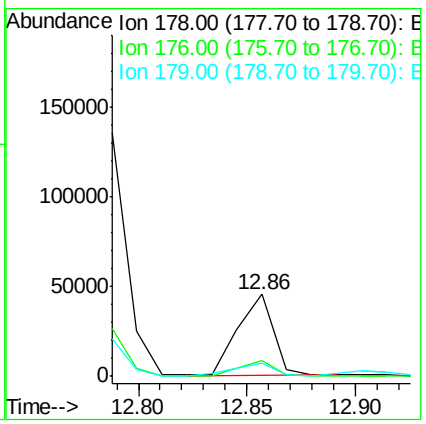


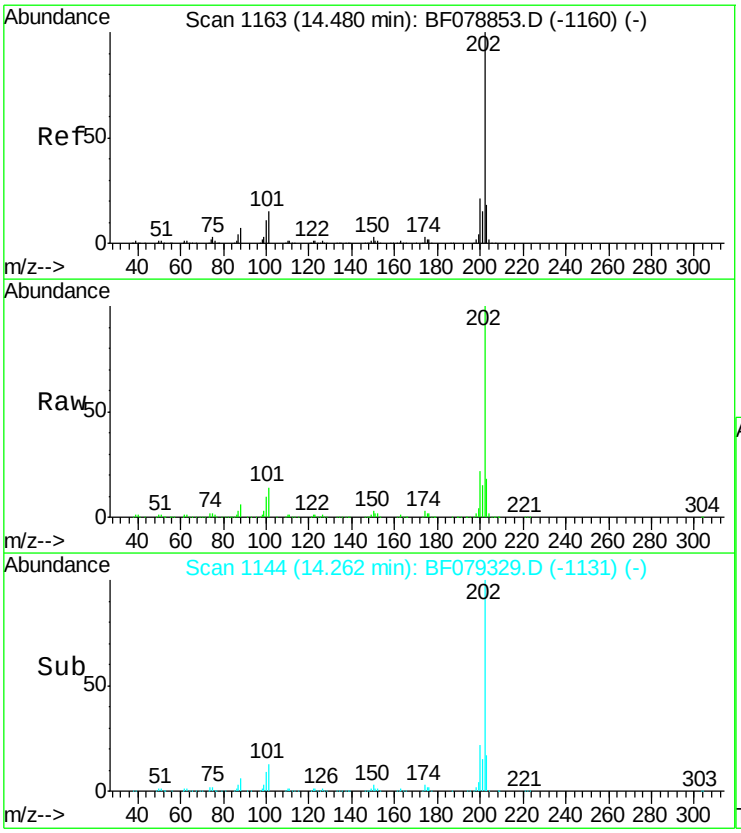
#71
Anthracene
Concen: 4.83 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:178 Resp: 51041

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.6	19.0

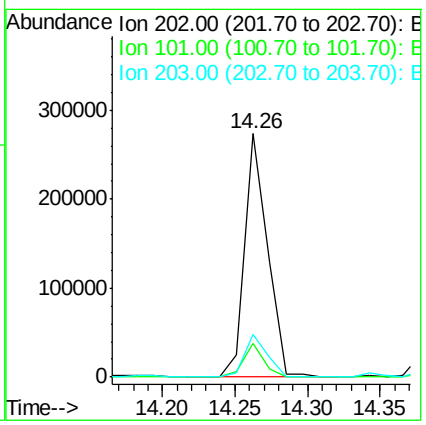


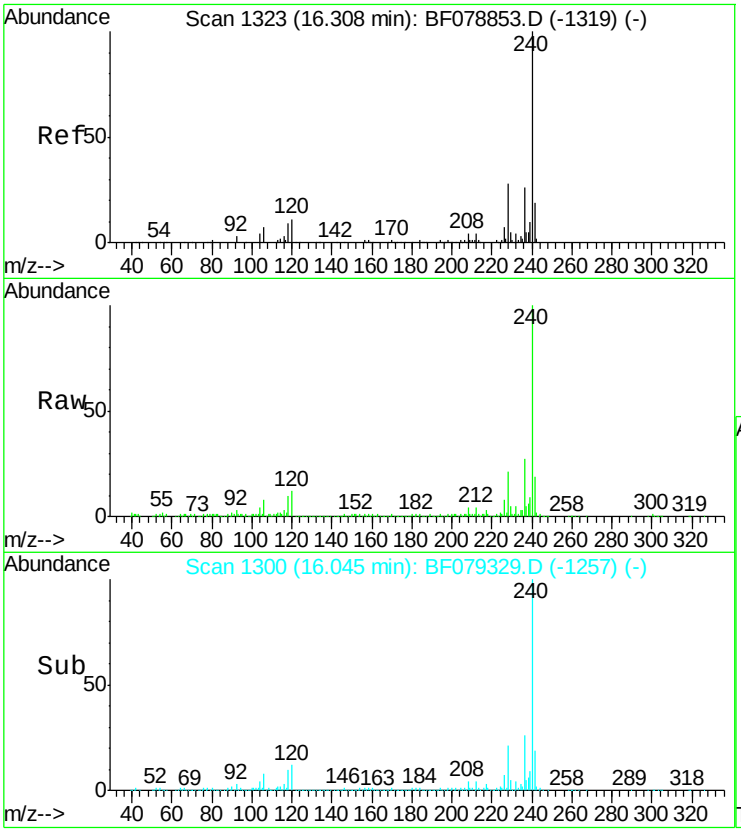


#74
Fluoranthene
Concen: 26.35 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:202 Resp: 295765

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.7
203	17.7	0.0	37.9



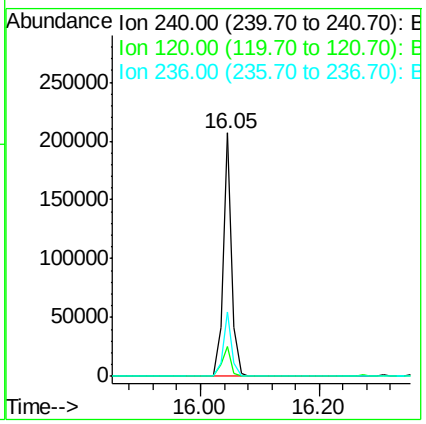


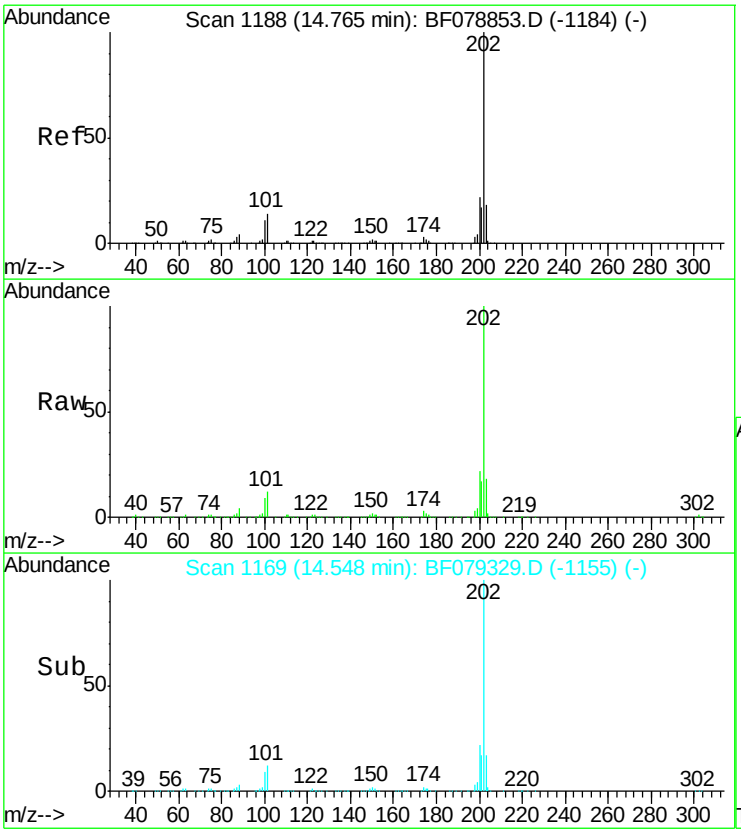
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:240 Resp: 205601

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.6	12.8
236	26.6	21.0	31.6

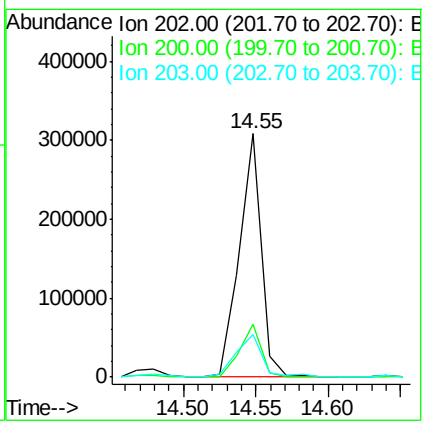


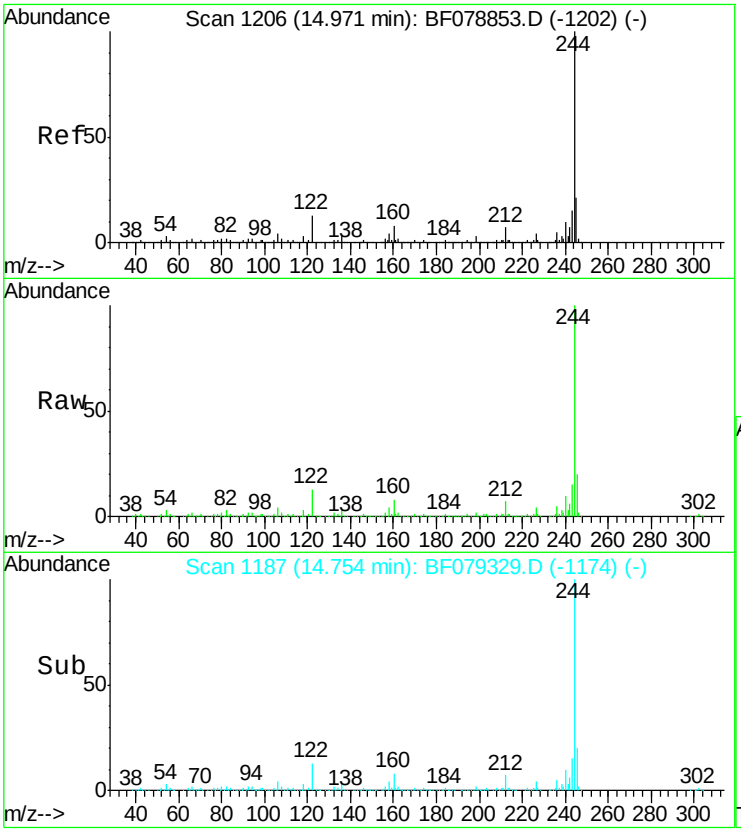


#77
Pyrene
Concen: 27.16 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:202 Resp: 321772

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	17.7	14.7	22.1



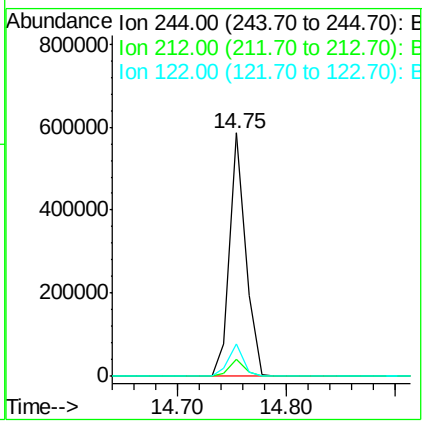


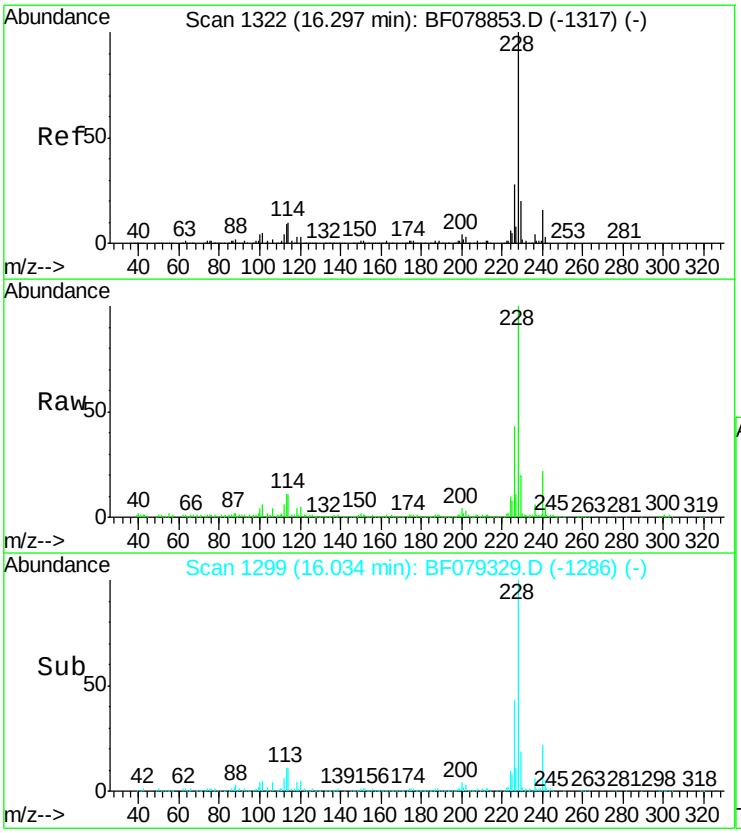
#78
Terphenyl-d14
Concen: 69.02 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:244 Resp: 592703

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	13.5	10.5	15.7

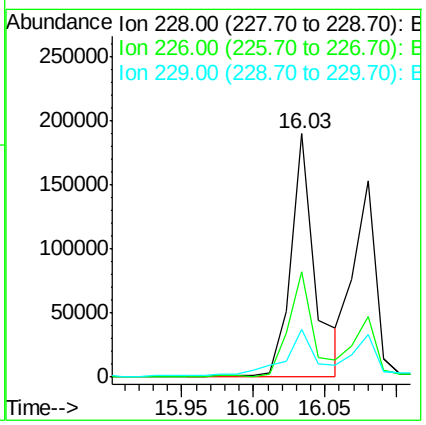


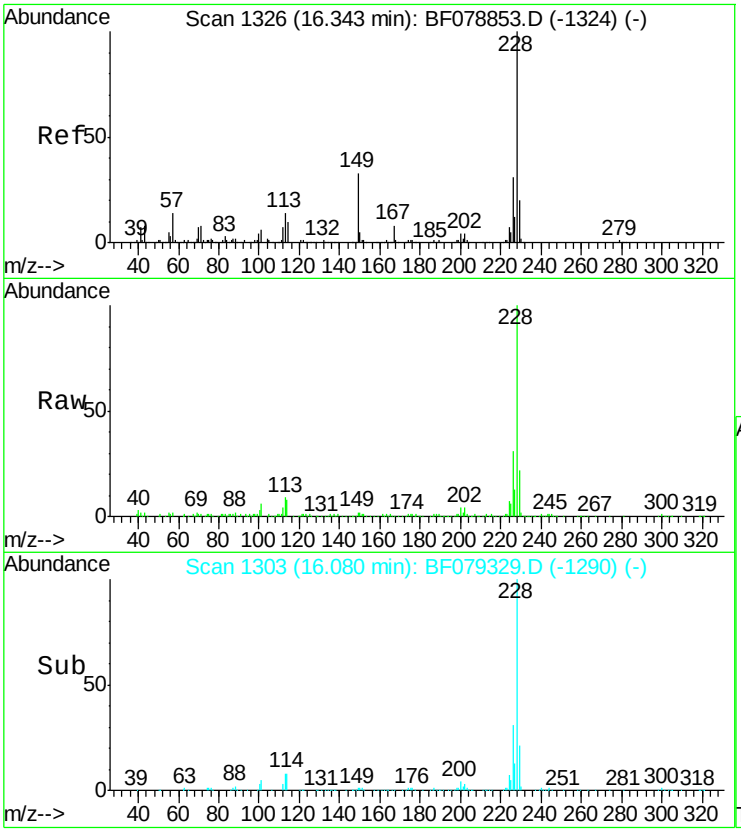


#80
Benzo(a)anthracene
Concen: 20.21 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:228 Resp: 227549

Ion	Ratio	Lower	Upper
228	100		
226	43.3	22.3	33.5#
229	19.8	16.1	24.1



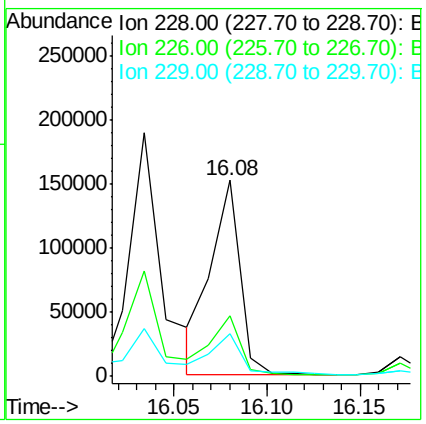


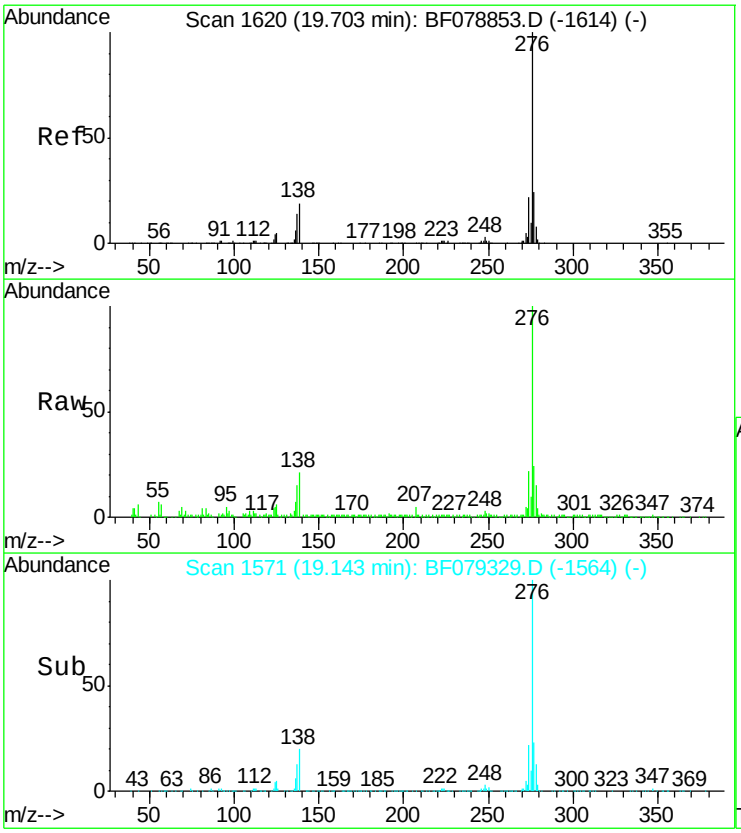
#82
Chrysene
Concen: 15.32 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:228 Resp: 165907

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	21.9	16.1	24.1

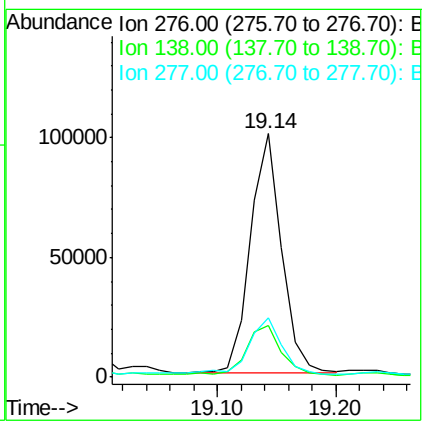


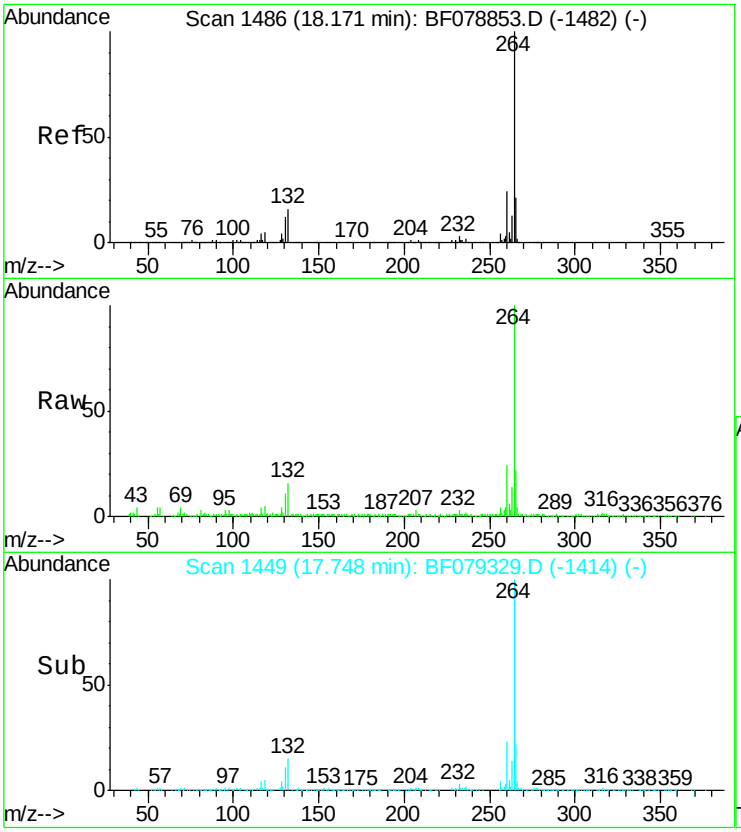


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.32 ng
RT: 19.14 min Scan# 1571
Delta R.T. -0.13 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:276 Resp: 183723

Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.1	31.7
277	25.9	19.9	29.9



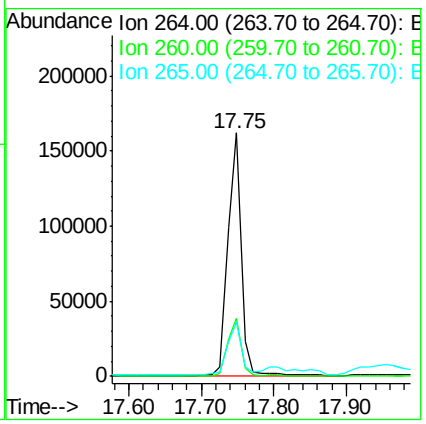


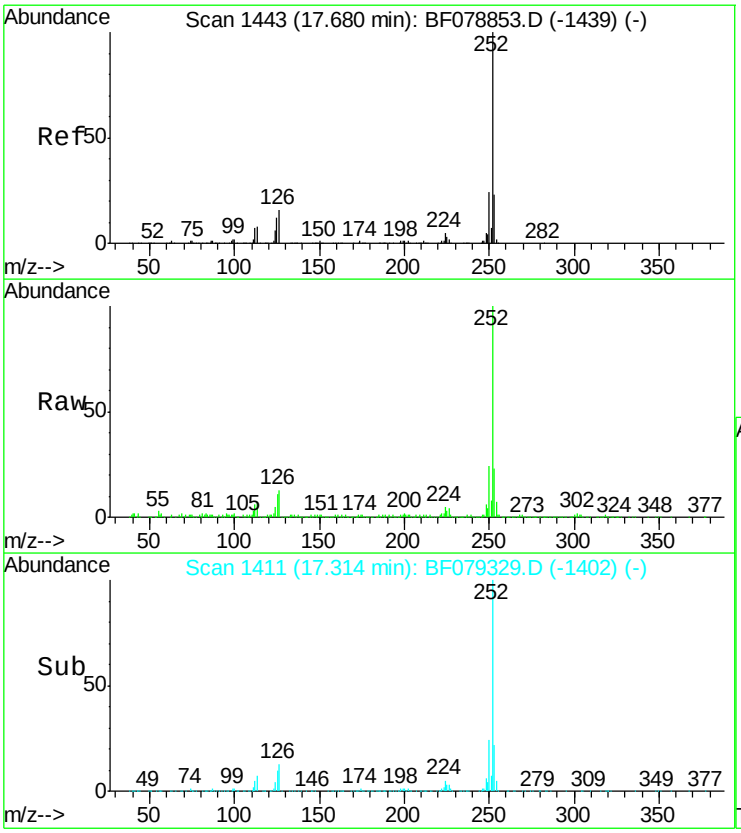
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1449
Delta R.T. -0.10 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:264 Resp: 207315

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.2	25.8

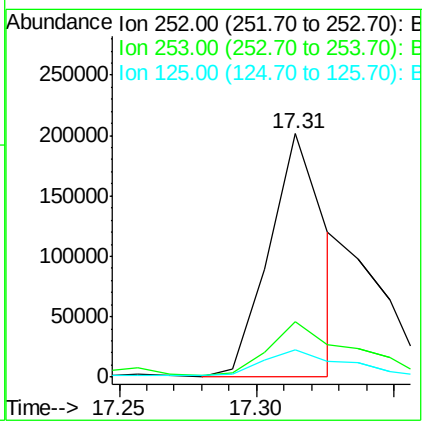


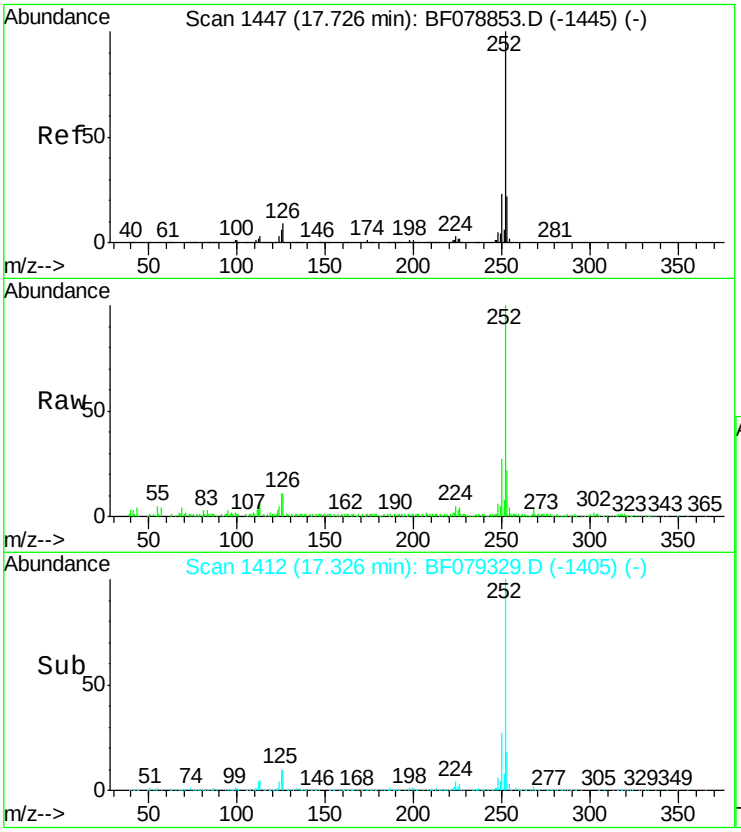


#87
Benzo(b)fluoranthene
Concen: 25.23 ng m
RT: 17.31 min Scan# 1411
Delta R.T. -0.08 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:252 Resp: 286314

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.4	14.2



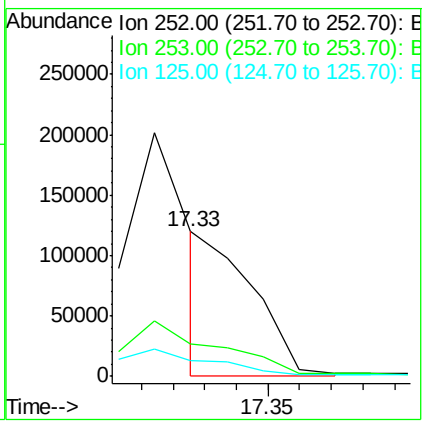


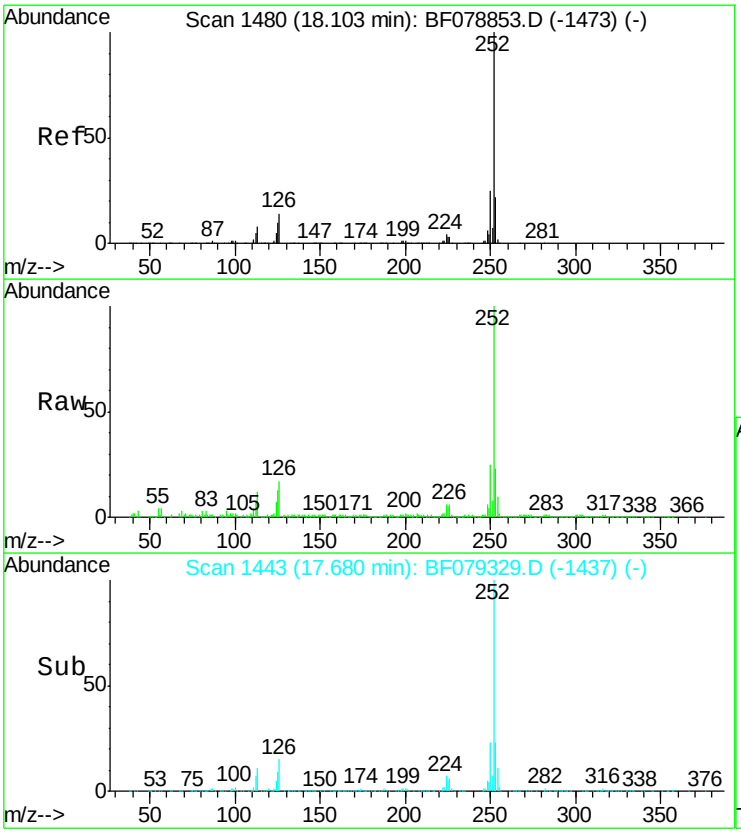
#88
Benzo(k)fluoranthene
Concen: 10.62 ng m
RT: 17.33 min Scan# 1412
Delta R.T. -0.10 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:252 Resp: 116621

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.9	6.1	9.1#

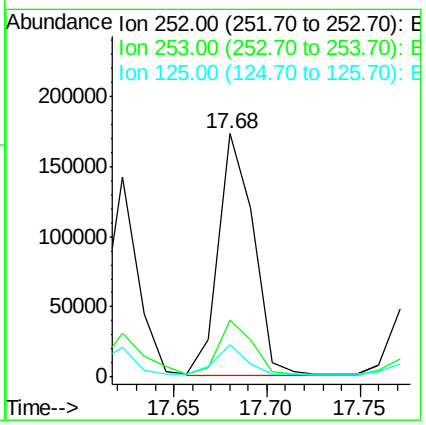


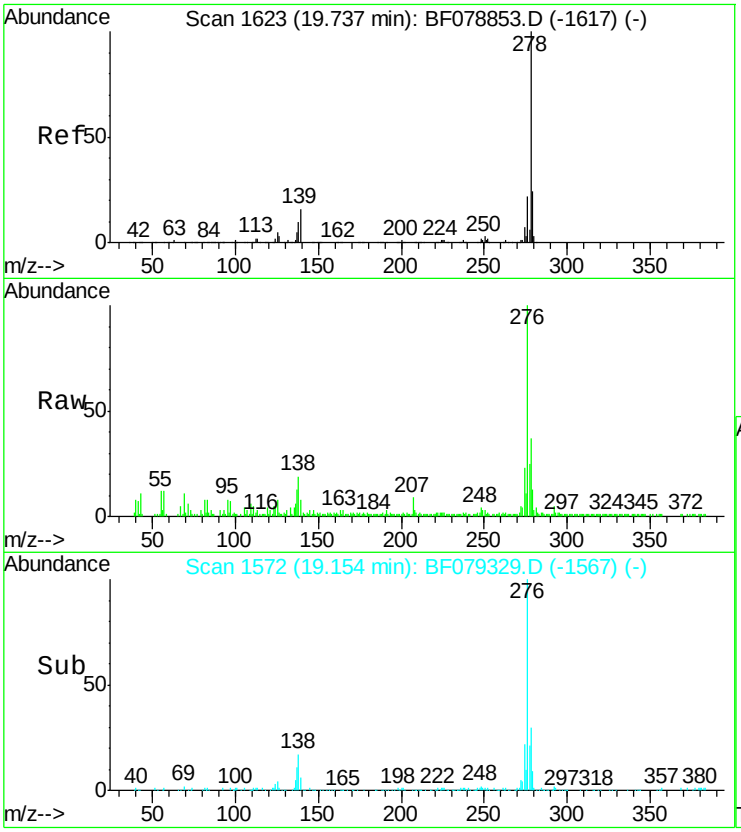


#89
Benzo(a)pyrene
Concen: 21.65 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.11 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:252 Resp: 226172

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	13.3	8.2	12.2#



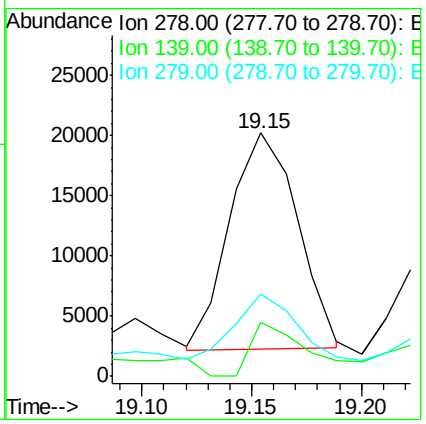


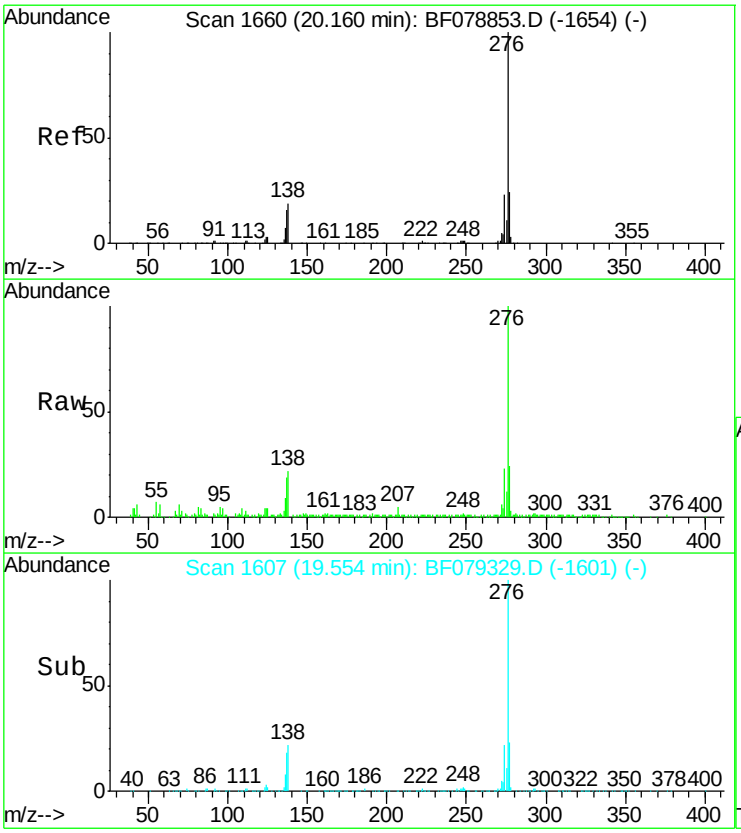
#90
Dibenzo(a,h)anthracene
Concen: 3.48 ng m
RT: 19.15 min Scan# 1572
Delta R.T. -0.15 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Instrument :
BNA_F
ClientSampleId :
WC-05-D1

Tgt Ion:278 Resp: 38604

Ion	Ratio	Lower	Upper
278	100		
139	22.1	13.1	19.7#
279	33.7	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 15.72 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.14 min
Lab File: BF079329.D
Acq: 19 May 2015 3:29

Tgt Ion:276 Resp: 174923

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.2	15.2	22.8