Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079300.D
Acq On : 16 May 2015 8:11
Operator : TP/IZ
Sample : G2250-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-08-D1

Quant Time: May 18 00:58:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-7.22
21) Naphthalene-d8	8.75	136	293545	20.00	ng		-0.05
38) Acenaphthene-d10	10.93	164	136079	20.00	ng		-0.05
63) Phenanthrene-d10	12.77	188	250111	20.00	ng		-0.06
75) Chrysene-d12	16.39	240	8209	20.00	ng		-0.11
86) Perylene-d12	18.72	264	1603	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.87	82	240349	47.06	ng		-0.05
41) 2,4,6-Tribromophenol	11.91	330	103536	70.33	ng		-0.05
44) 2-Fluorobiphenyl	10.10	172	459821	47.08	ng		-0.05
78) Terphenyl-d14	14.77	244	505121	1473.18	ng		-0.16
Target Compounds							Qvalue
31) Naphthalene	8.78	128	430412	30.77	ng		99
37) 2-Methylnaphthalene	9.64	142	93819	9.68	ng		99
45) 1,1'-Biphenyl	10.23	154	24889	2.30	ng		98
48) Acenaphthylene	10.75	152	60370	4.36	ng		98
49) Dimethylphthalate	10.61	163	27415	2.75	ng		99
51) Acenaphthene	10.97	154	93340	11.30	ng		100
54) Dibenzofuran	11.19	168	113268	9.49	ng		94
57) Fluorene	11.61	166	79716	8.14	ng		99
70) Phenanthrene	12.80	178	1178920	84.26	ng		97
71) Anthracene	12.86	178	214454	15.62	ng		99
72) Carbazole	13.07	167	138321	10.57	ng		98
74) Fluoranthene	14.27	202	1422562	97.57	ng		98
77) Pyrene	14.56	202	1313627	2776.99	ng		98
81) 3,3'-Dichlorobenzidine	16.33	252	590	3.68	ng	#	24
83) Bis(2-ethylhexyl)phthalate	16.54	149	873	2.79	ng	#	88
84) Di-n-octyl phthalate	17.62	149	3691	6.69	ng	#	72
85) Indeno(1,2,3-cd)pyrene	20.54	276	1186	2.15	ng	#	51
87) Benzo(b)fluoranthene	18.08	252	1254	14.29	ng	#	1
88) Benzo(k)fluoranthene	18.15	252	3564	41.96	ng	#	1
89) Benzo(a)pyrene	18.64	252	3766	46.61	ng	#	9
91) Benzo(g,h,i)perylene	20.91	276	671	7.80	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079300.D
Acq On : 16 May 2015 8:11
Operator : TP/IZ
Sample : G2250-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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WC-08-D1

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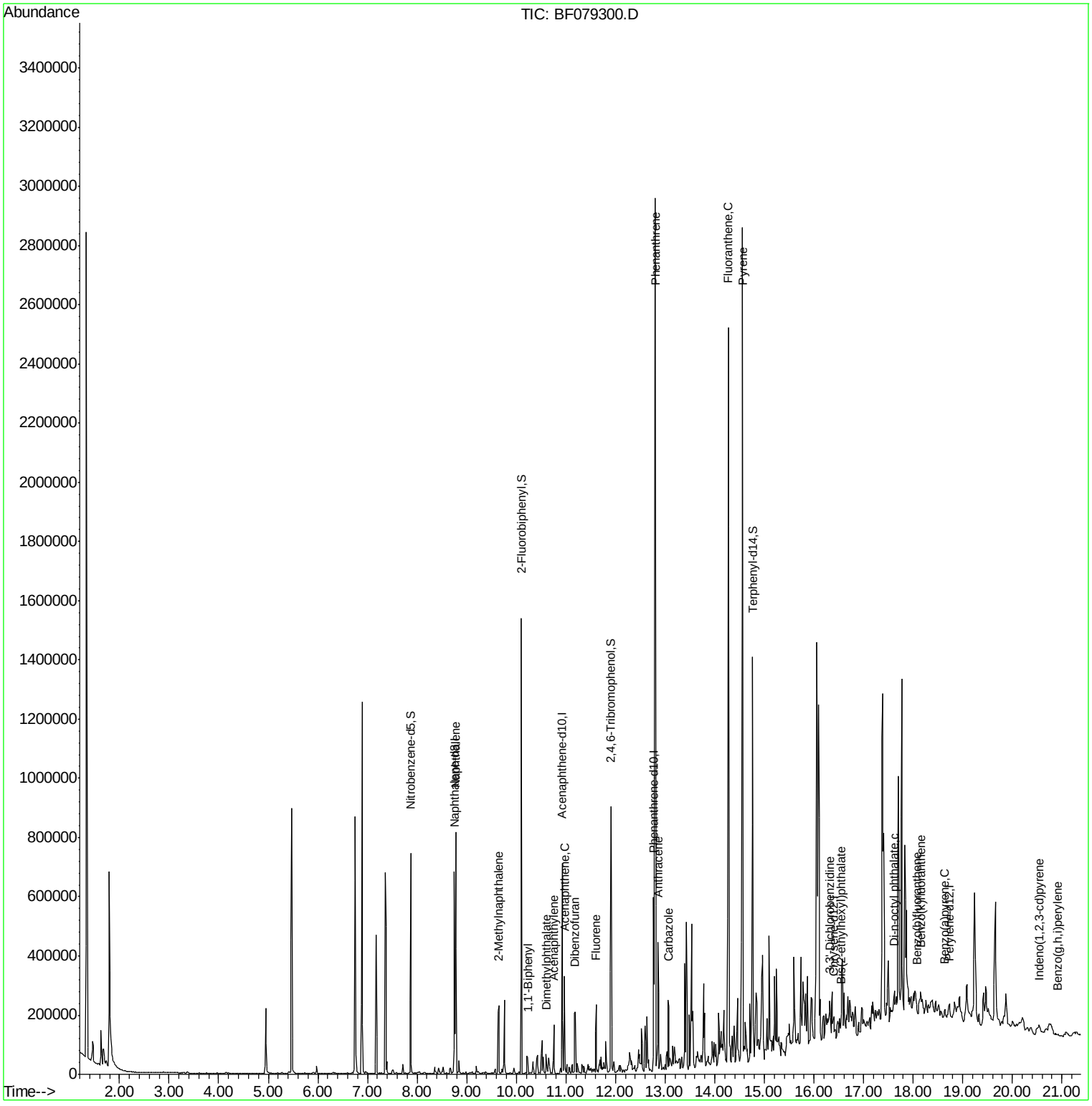
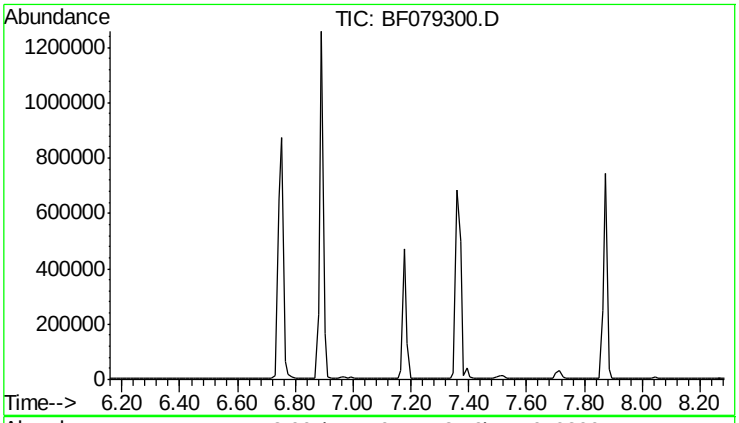
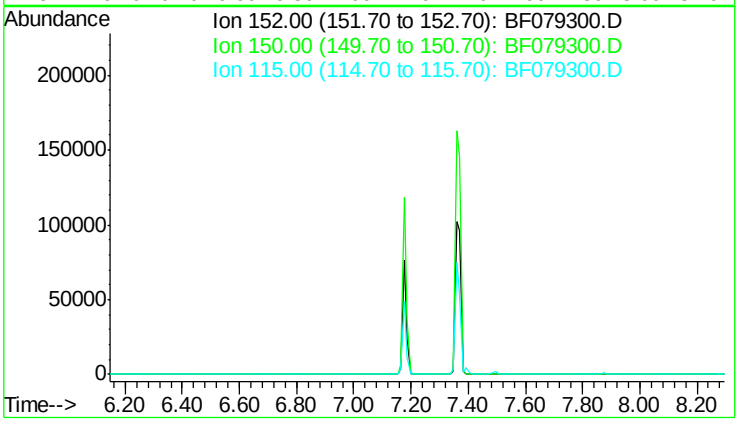






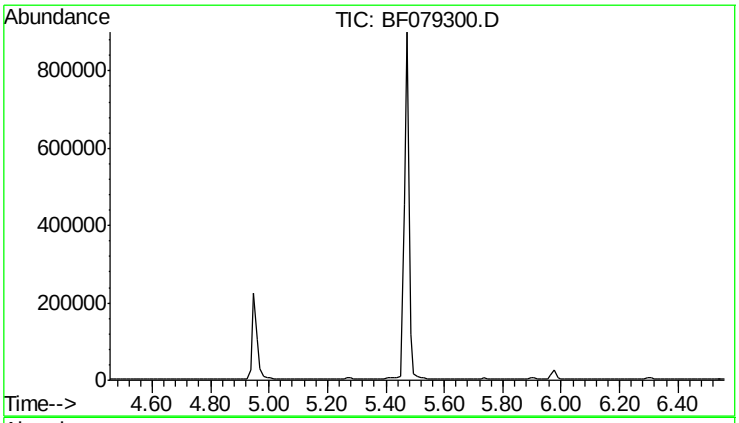
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

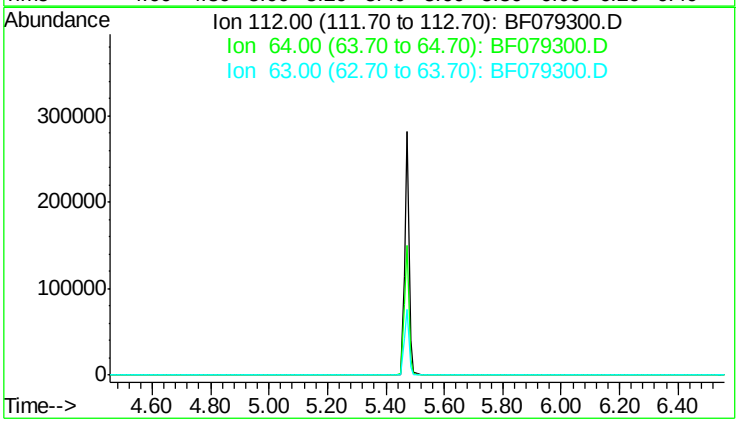
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

Instrument :
BNA_F
ClientSampleId :
WC-08-D1



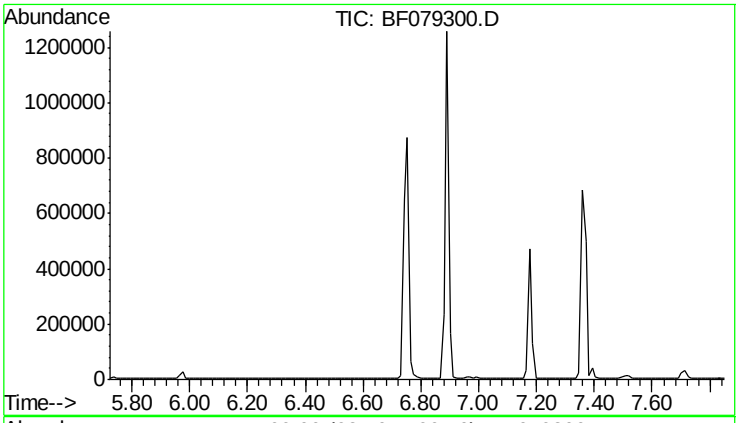


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



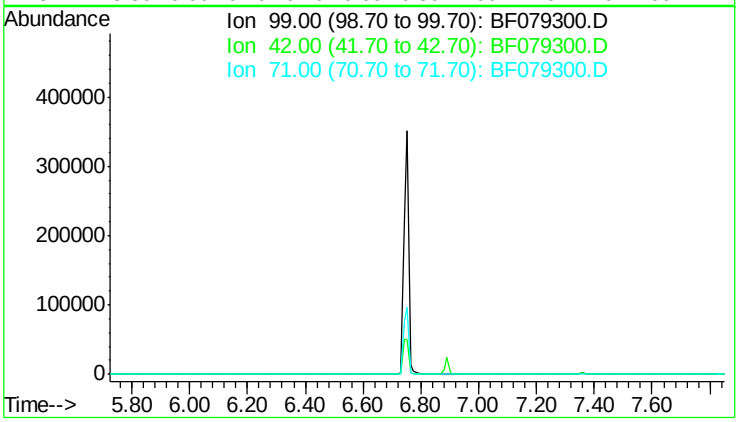
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

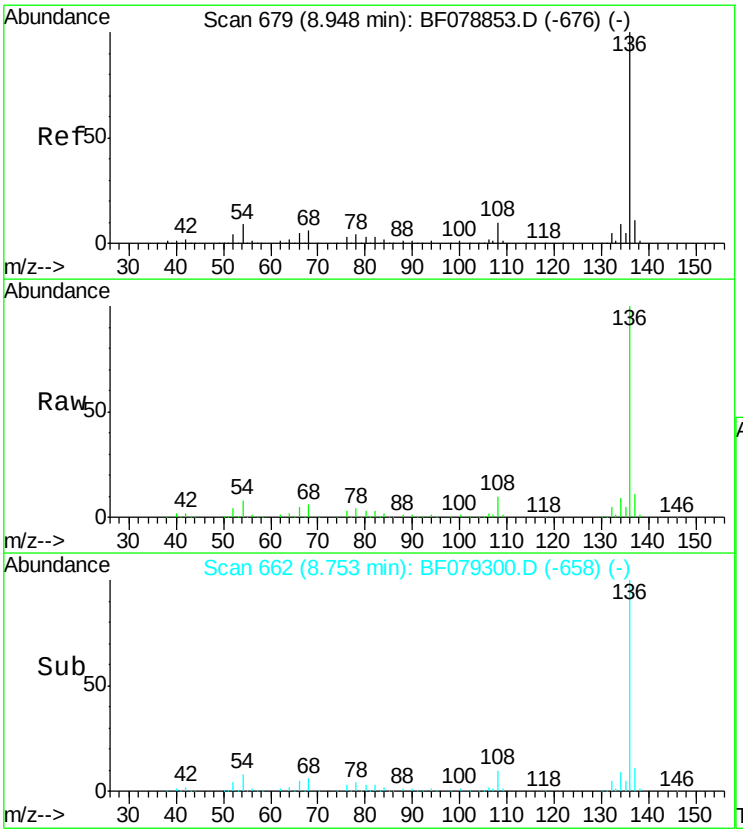
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

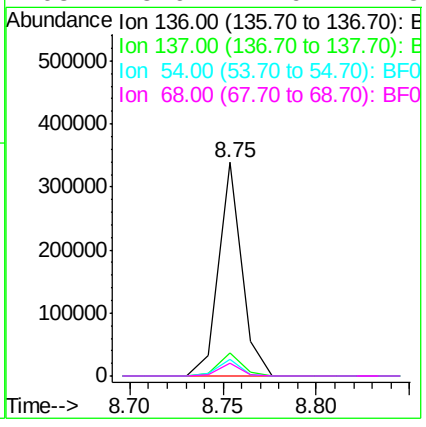


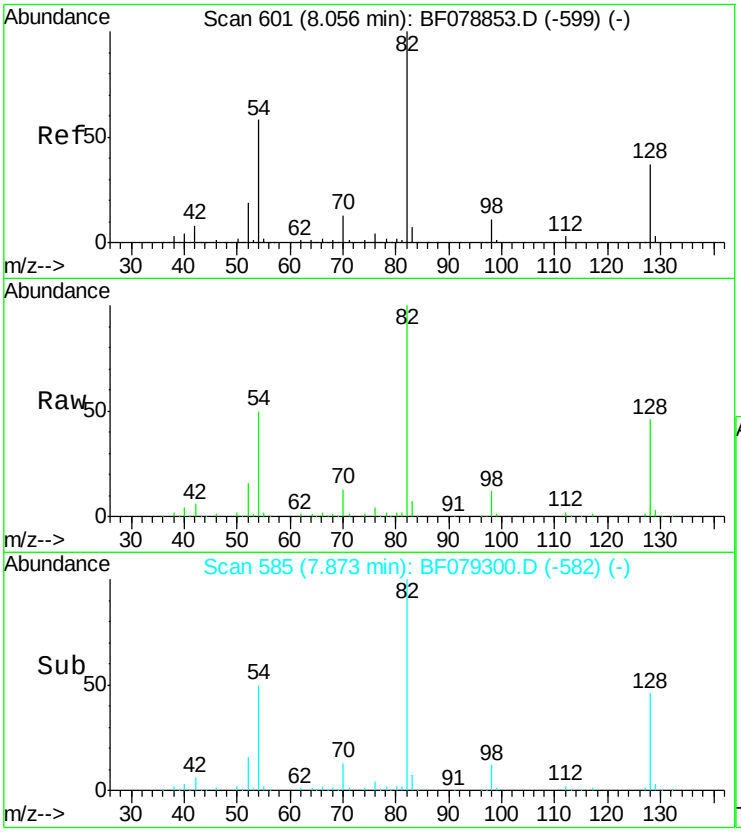


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:136 Resp: 293545

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	6.9	10.3
68	5.9	4.9	7.3



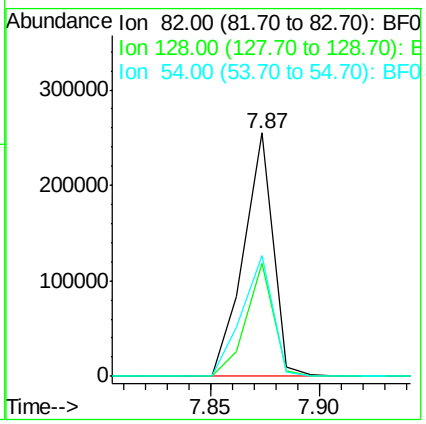


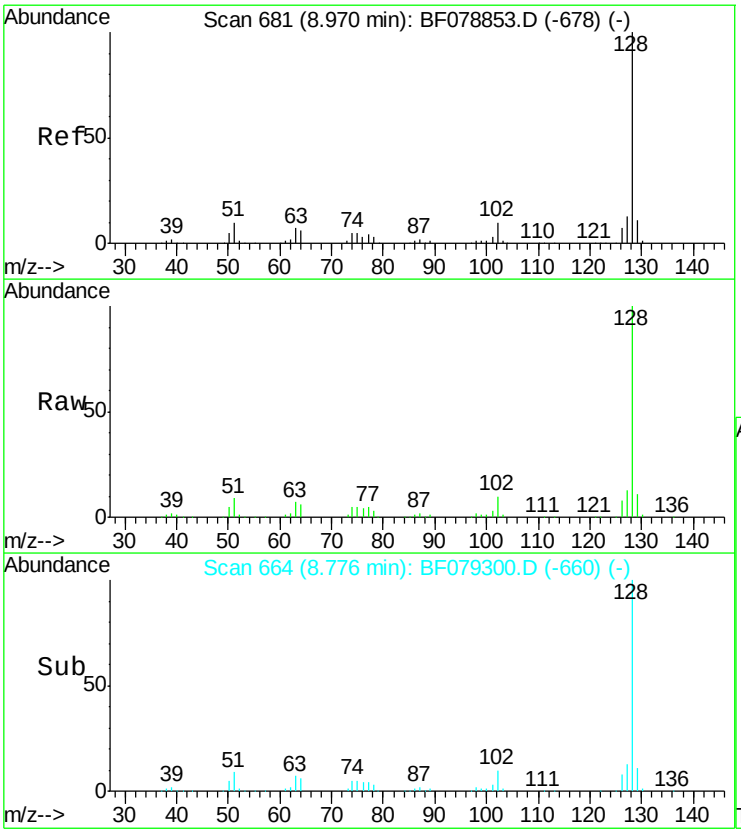
#23
Nitrobenzene-d5
Concen: 47.06 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion: 82 Resp: 240349

Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	49.7	46.2	69.4

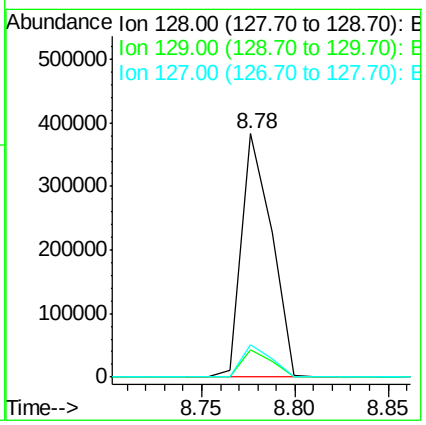


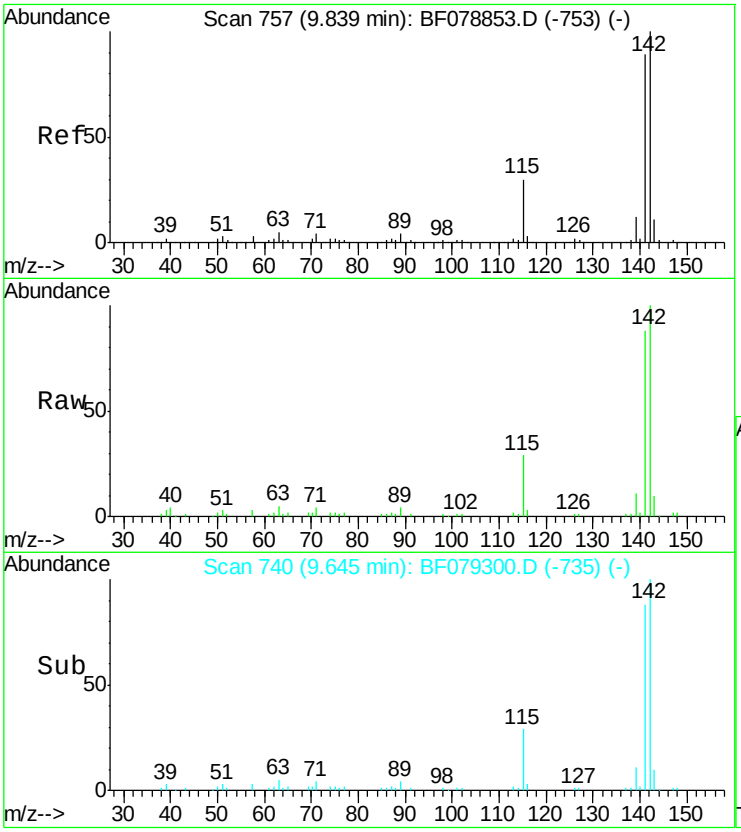


#31
Naphthalene
Concen: 30.77 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:128 Resp: 430412

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.2	10.3	15.5



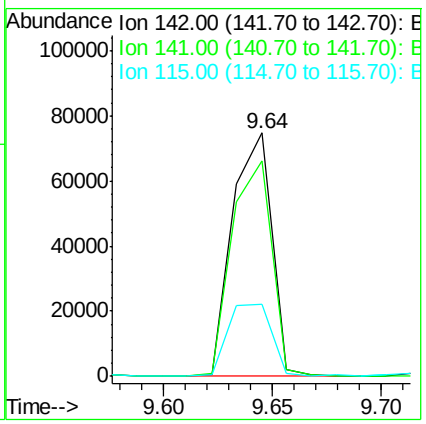


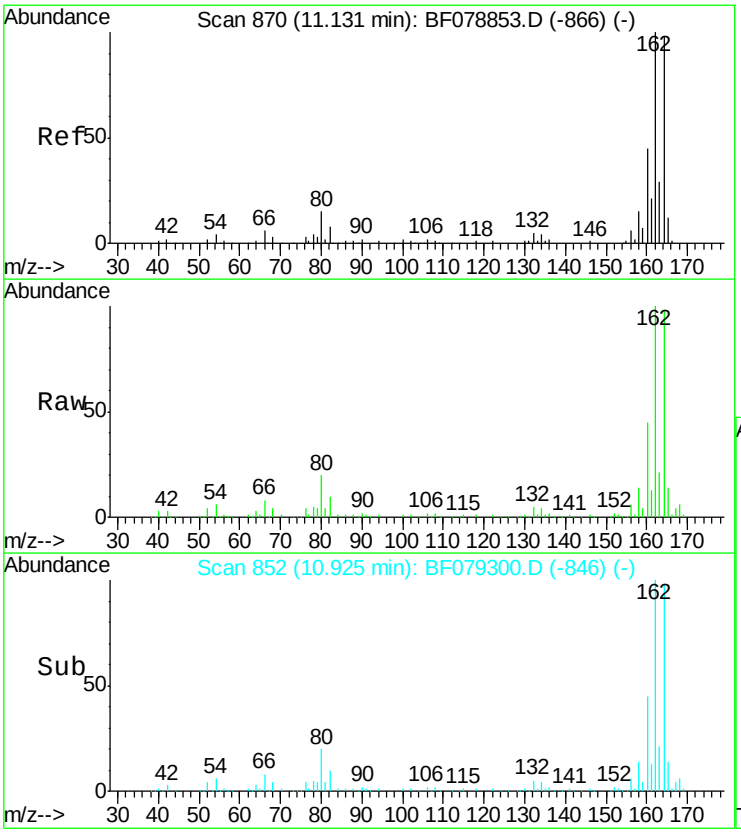
#37
2-Methylnaphthalene
Concen: 9.68 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:142 Resp: 93819

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	29.5	24.2	36.4

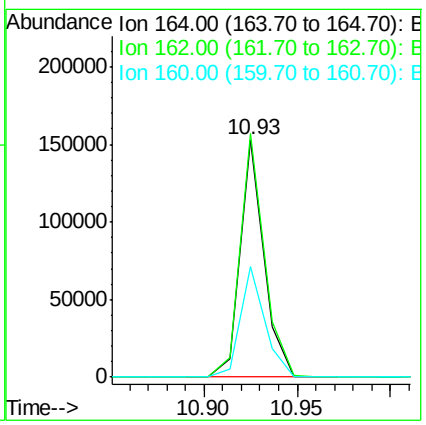


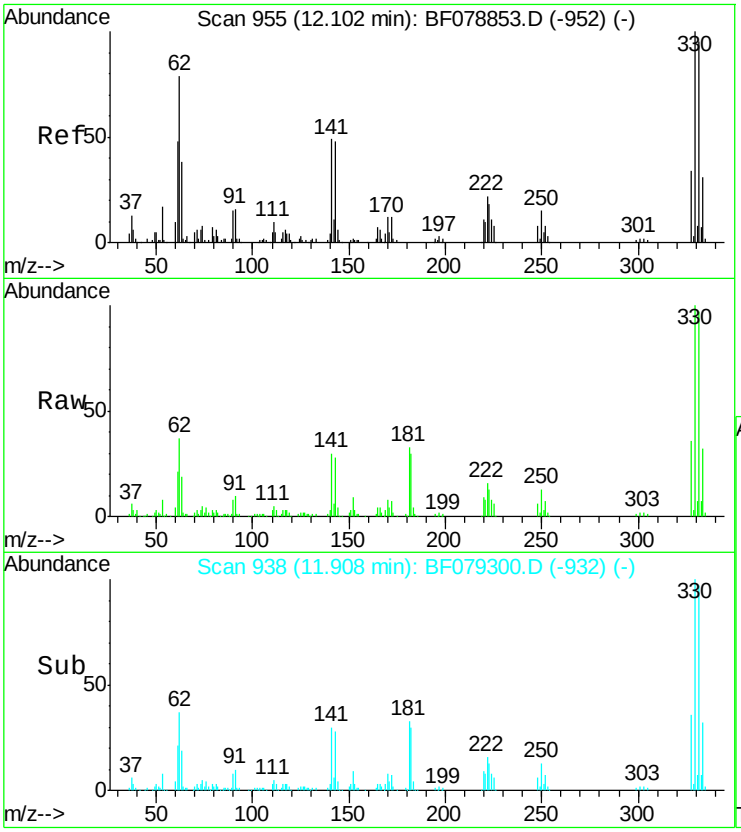


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:164 Resp: 136079

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	46.5	36.6	54.8



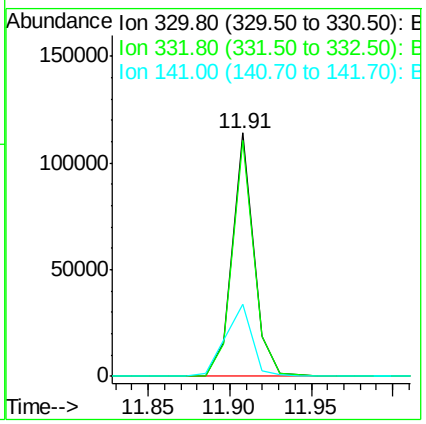


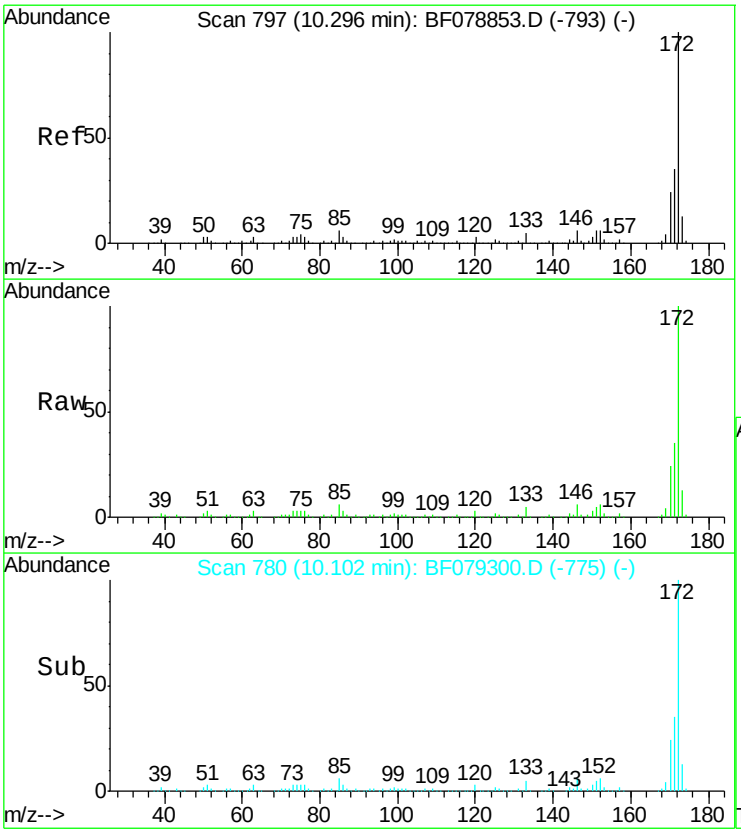
#41
2,4,6-Tribromophenol
Concen: 70.33 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:330 Resp: 103536

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	37.4	27.8	41.8

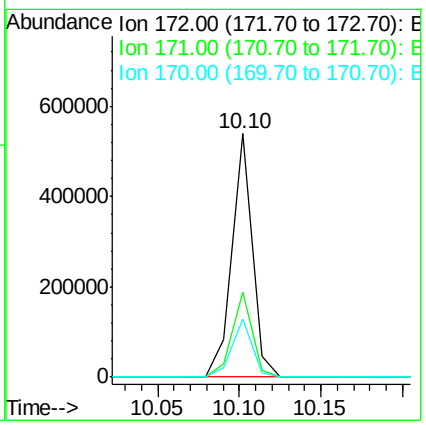


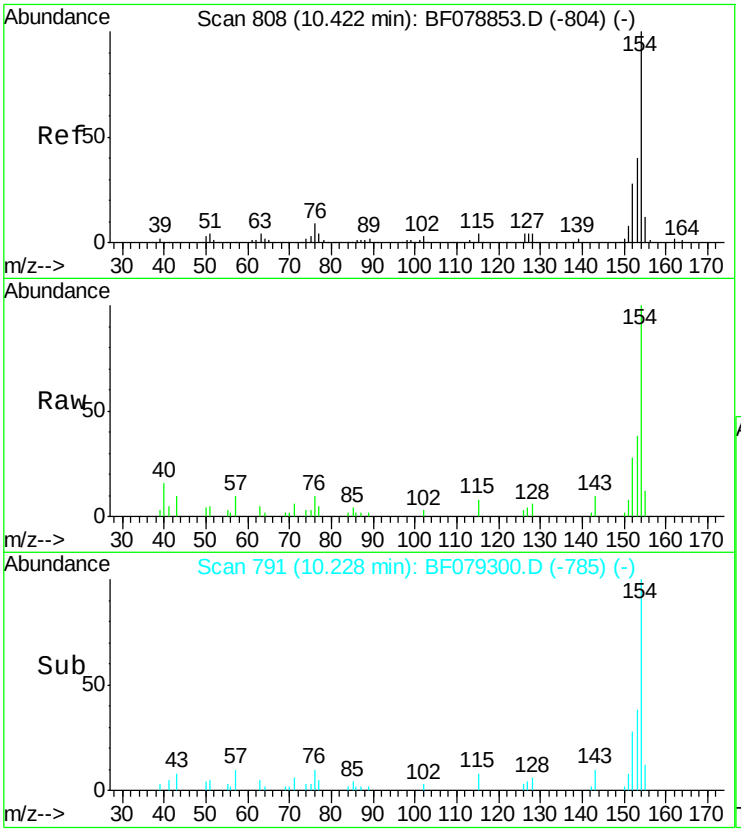


#44
2-Fluorobiphenyl
Concen: 47.08 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:172 Resp: 459821

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.9	19.4	29.2



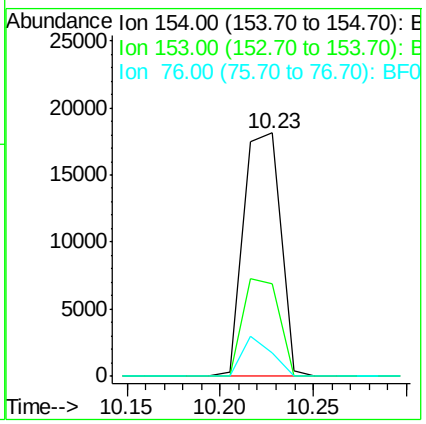


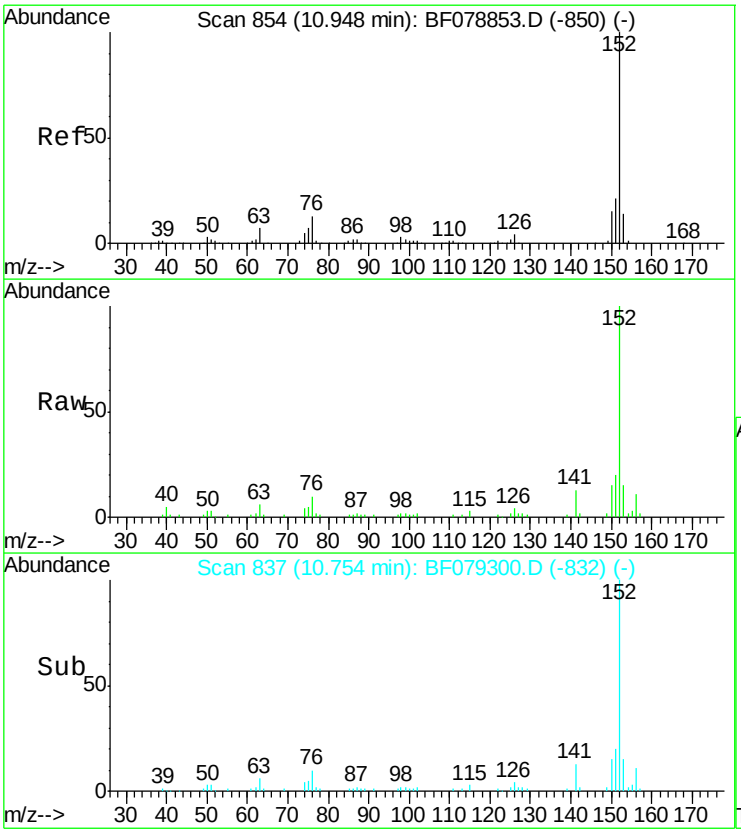
#45
1,1'-Biphenyl
Concen: 2.30 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:154 Resp: 24889

Ion	Ratio	Lower	Upper
154	100		
153	38.2	19.7	59.7
76	9.9	0.0	29.1

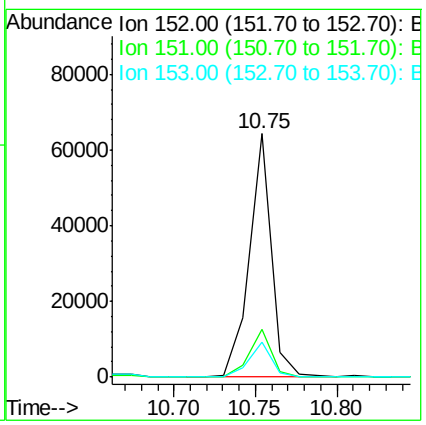


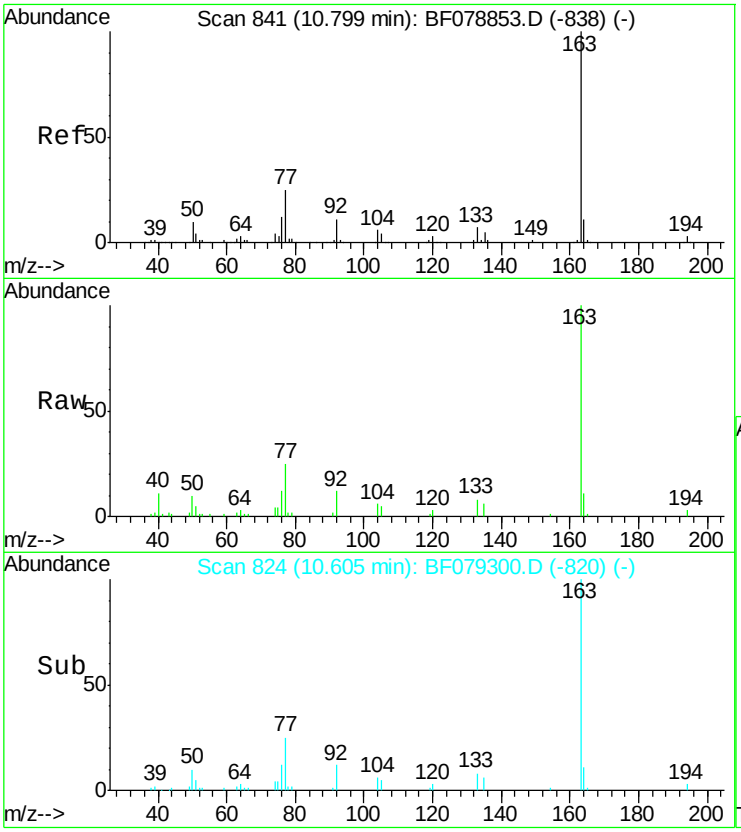


#48
Acenaphthylene
Concen: 4.36 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:152 Resp: 60370

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	24.8
153	14.6	11.0	16.6



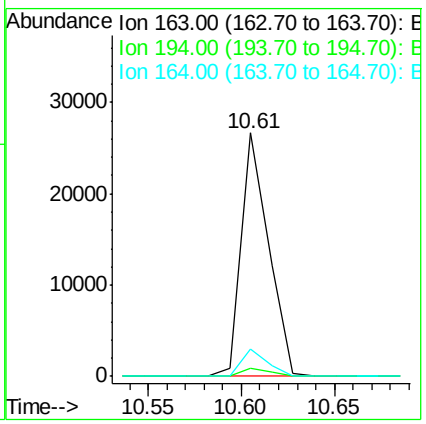


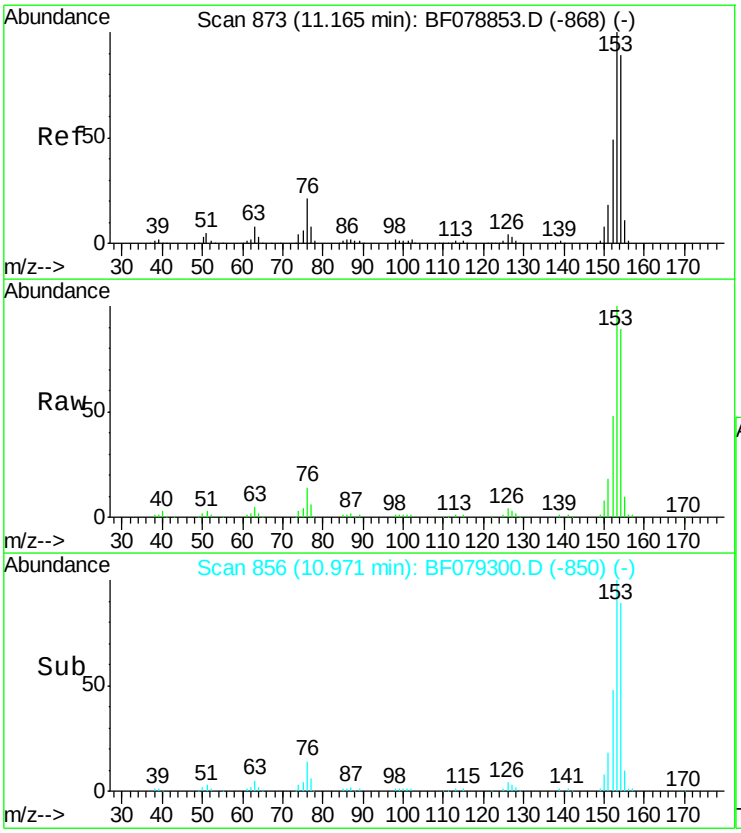
#49
Dimethylphthalate
Concen: 2.75 ng
RT: 10.61 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:163 Resp: 27415

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	11.3	8.6	12.8

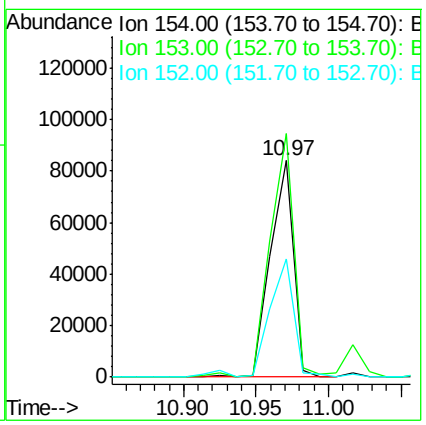


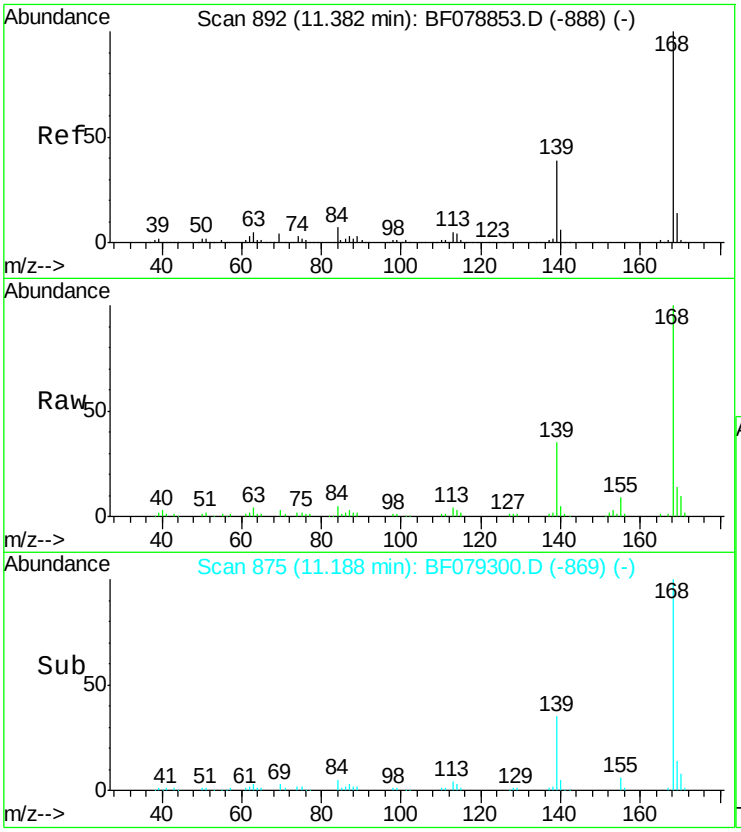


#51
Acenaphthene
Concen: 11.30 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:154 Resp: 93340

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	54.6	43.8	65.8



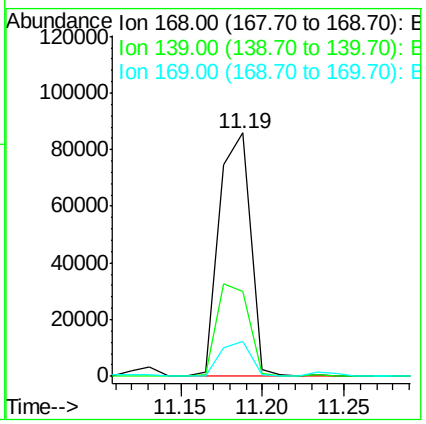


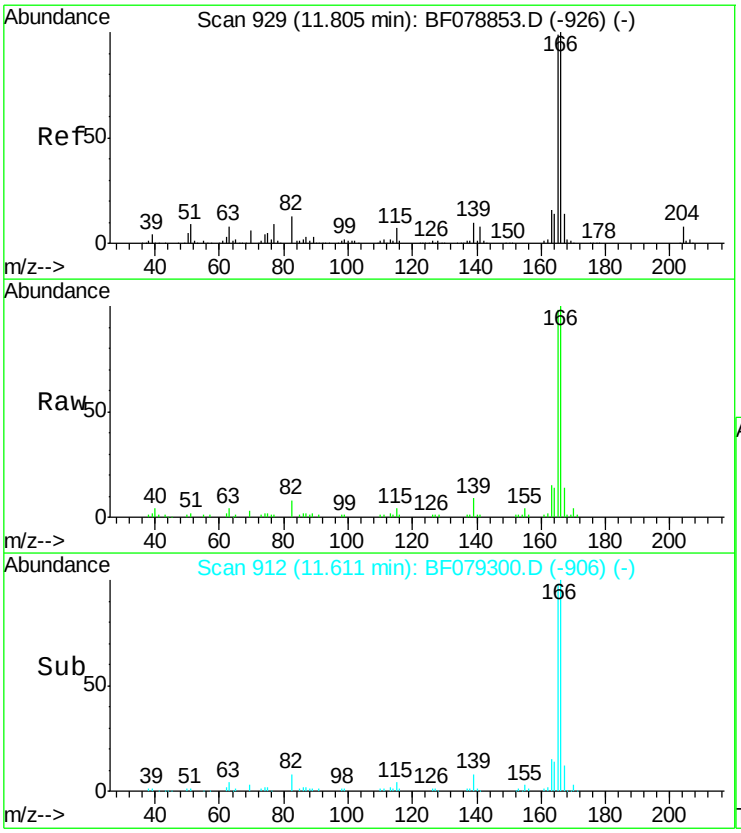
#54
Dibenzofuran
Concen: 9.49 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:168 Resp: 113268

Ion	Ratio	Lower	Upper
168	100		
139	35.1	31.5	47.3
169	14.4	11.0	16.4

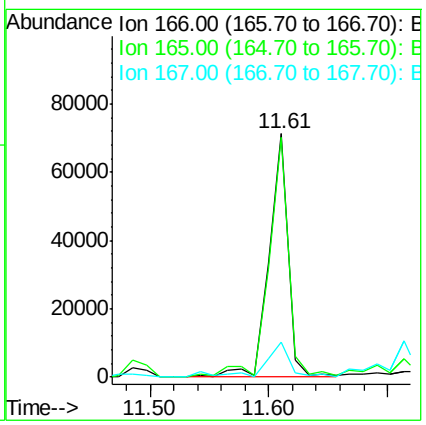


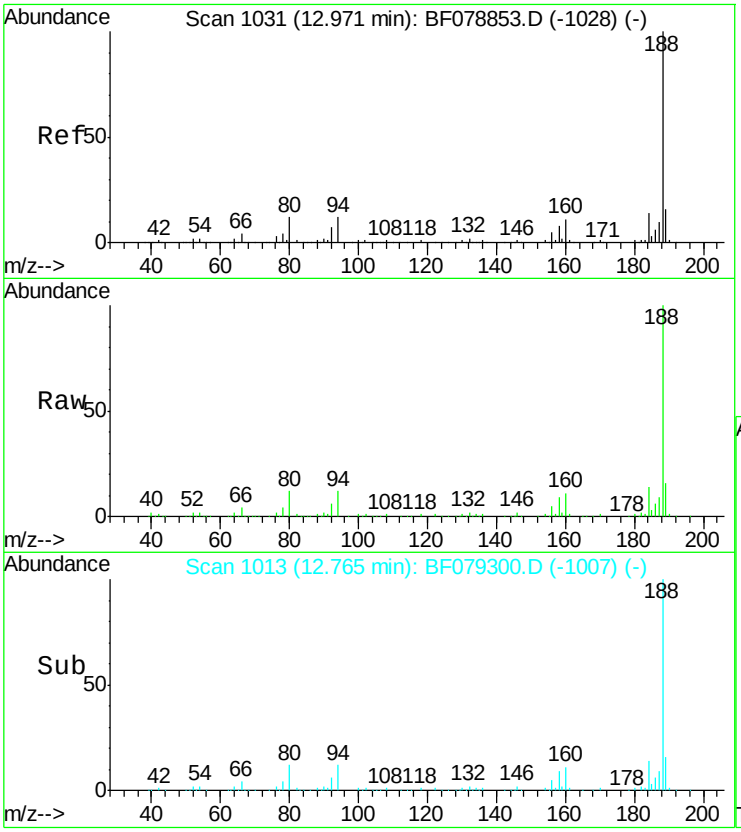


#57
Fluorene
Concen: 8.14 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:166 Resp: 79716

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.5	119.3
167	14.4	11.0	16.6



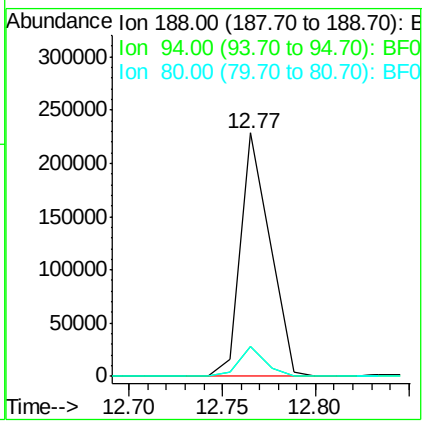


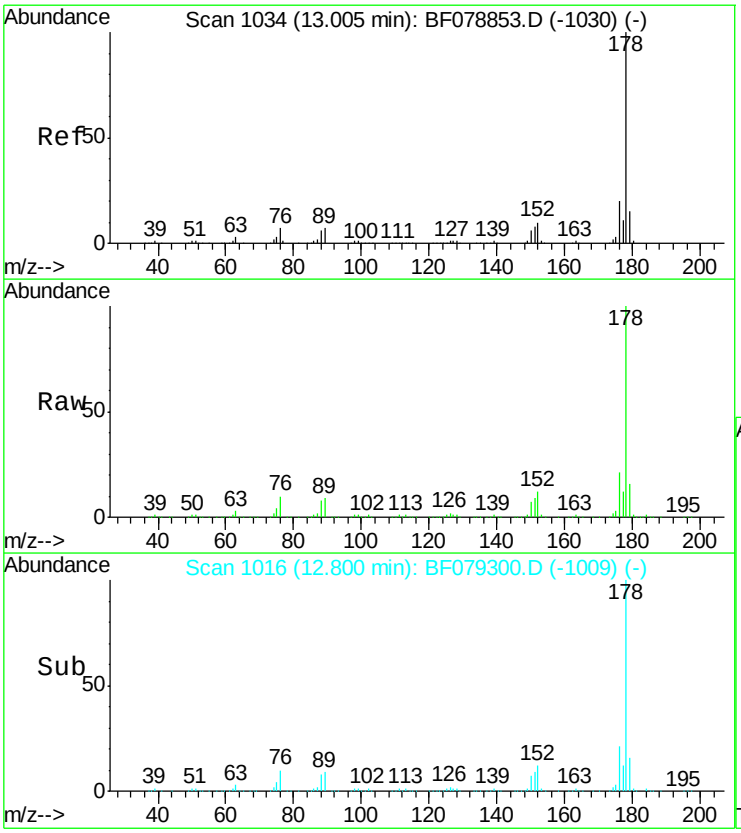
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:188 Resp: 250111

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.0
80	12.1	9.8	14.6

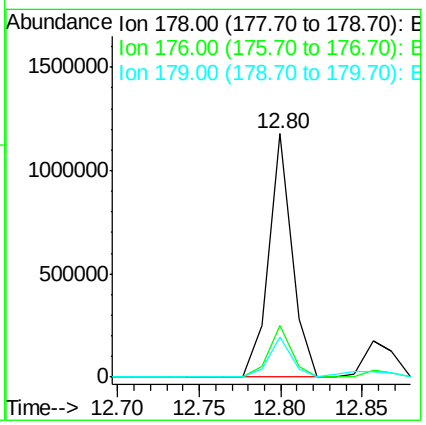


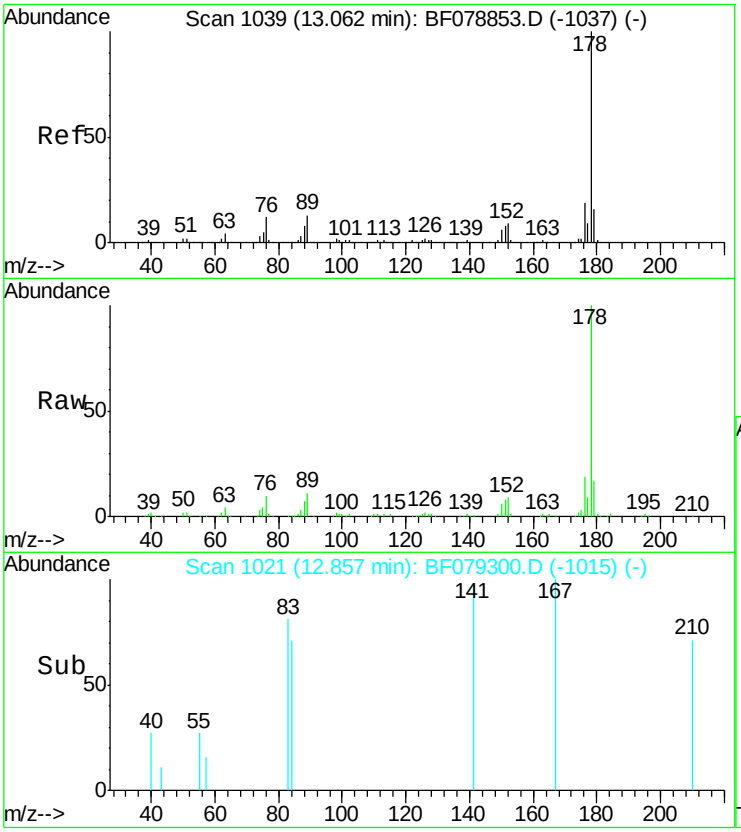


#70
Phenanthrene
Concen: 84.26 ng
RT: 12.80 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:178 Resp: 1178920

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	16.4	12.2	18.4



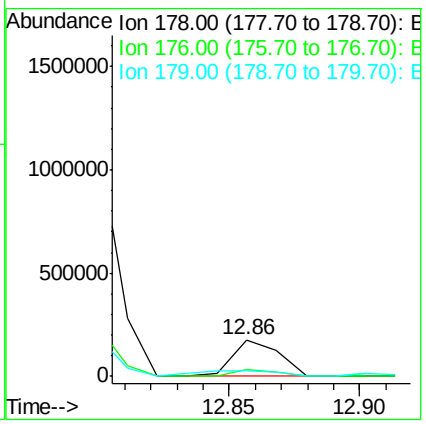


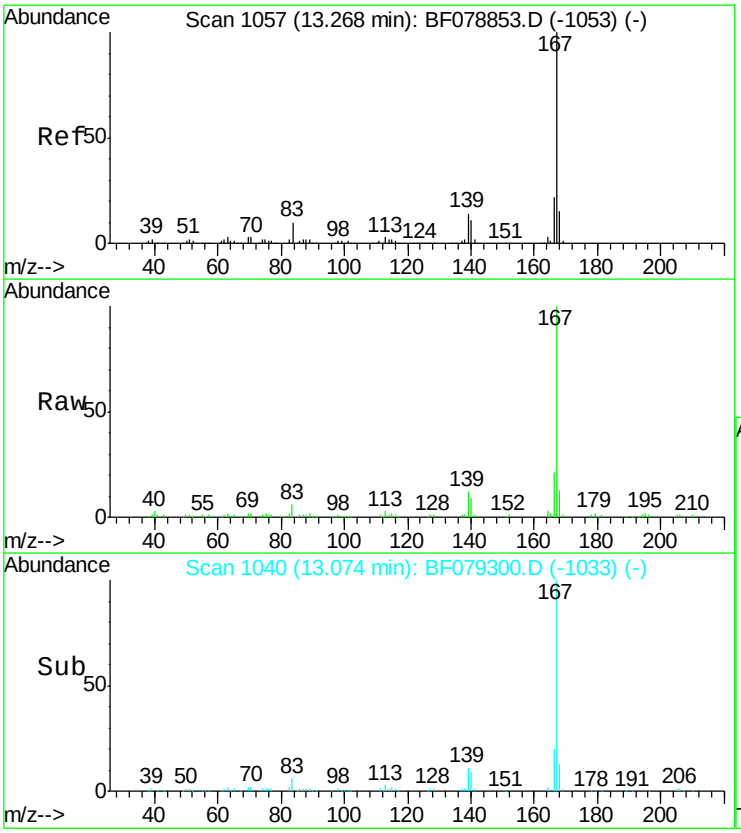
#71
Anthracene
Concen: 15.62 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:178 Resp: 214454

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.6	12.6	19.0

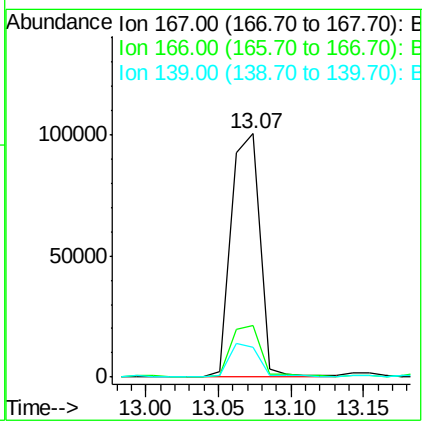


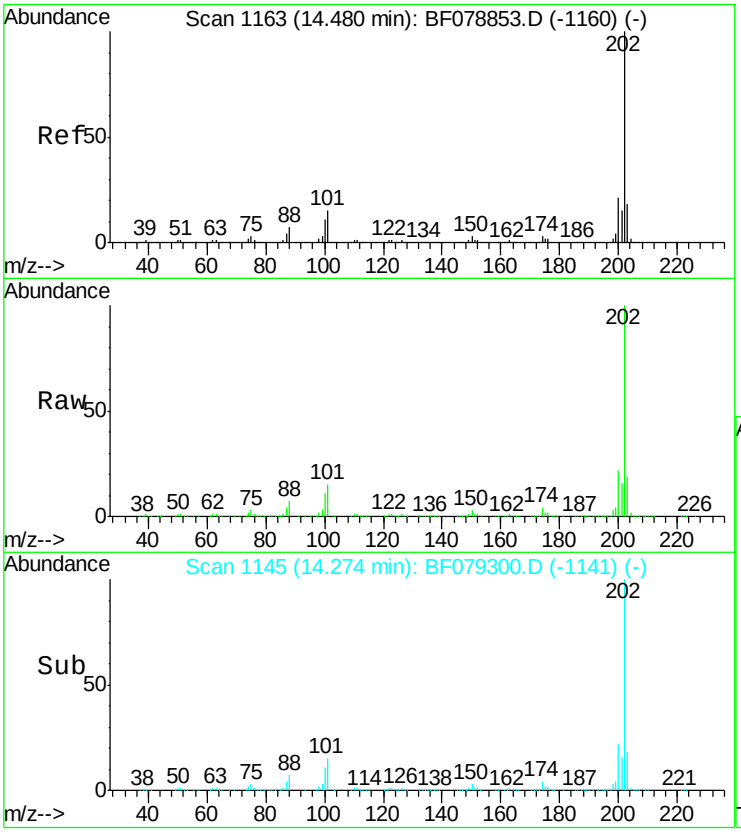


#72
Carbazole
Concen: 10.57 ng
RT: 13.07 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:167 Resp: 138321

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.5	26.3
139	12.3	11.0	16.4



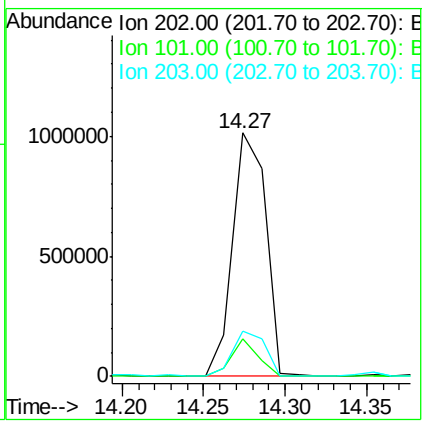


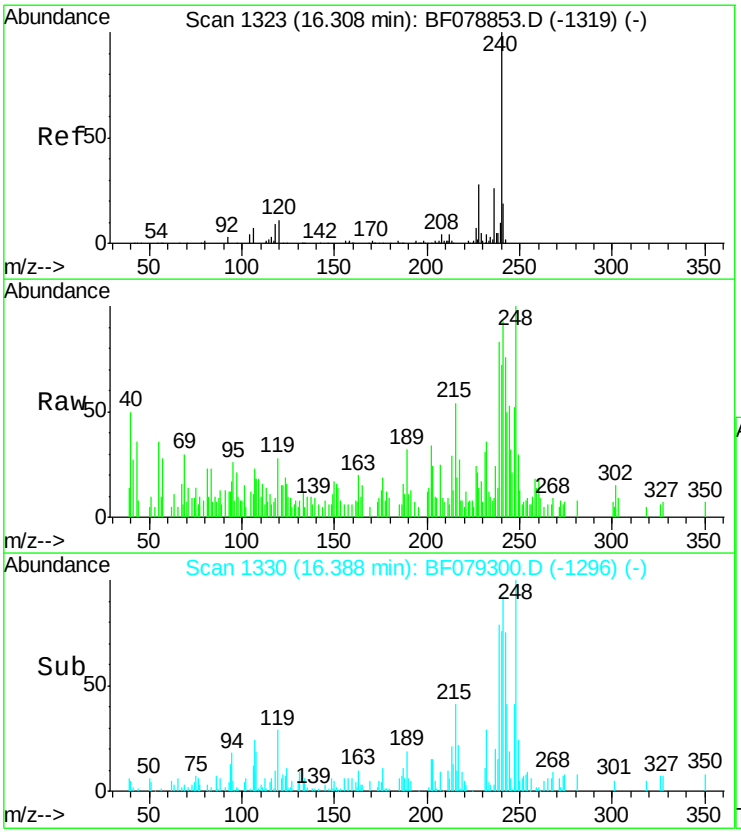
#74
Fluoranthene
Concen: 97.57 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:202 Resp: 1422562

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.7
203	18.8	0.0	37.9

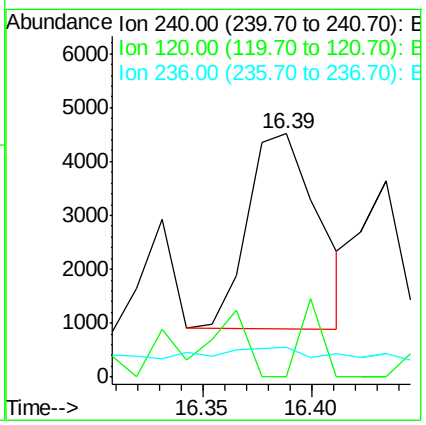


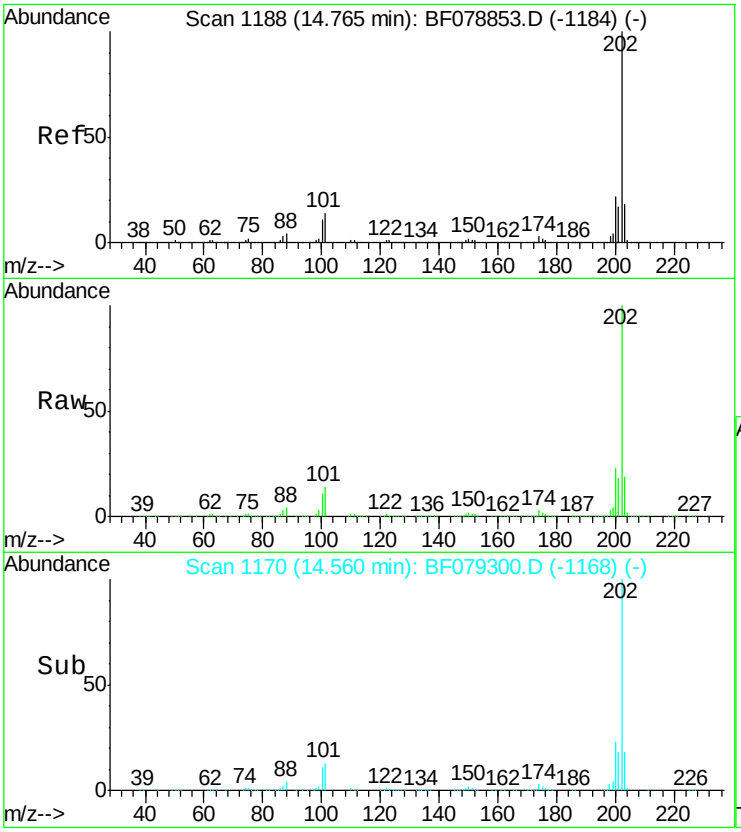


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.39 min Scan# 1330
Delta R.T. -0.11 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:240 Resp: 8209

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.6	12.8#
236	12.2	21.0	31.6#



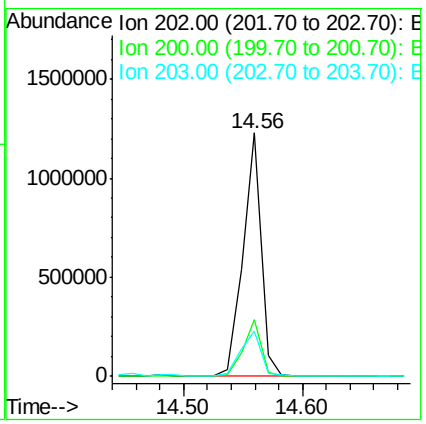


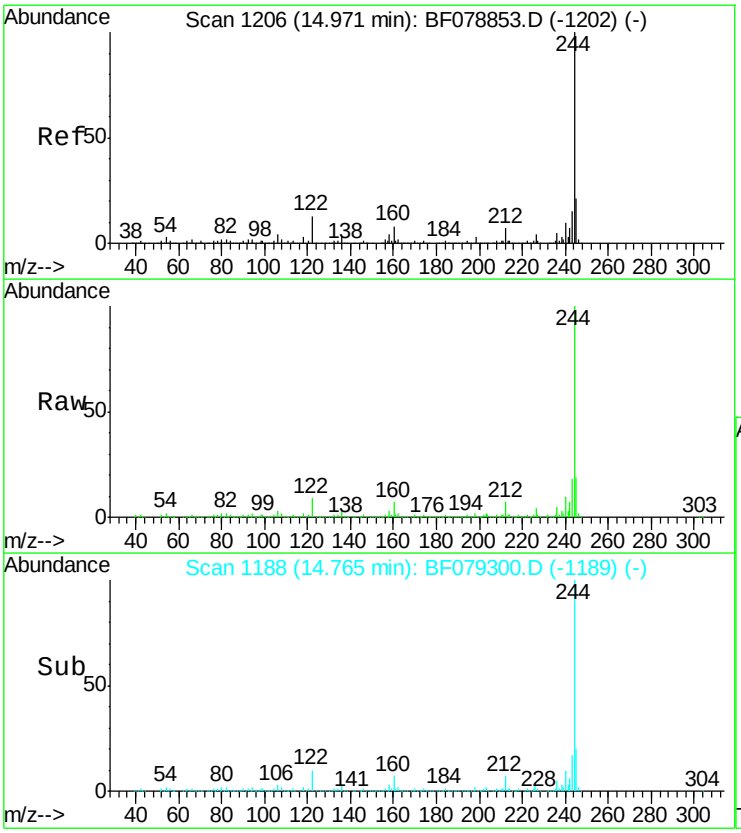
#77
Pyrene
Concen: 2776.99 ng
RT: 14.56 min Scan# 1170
Delta R.T. -0.13 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:202 Resp: 1313627

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.5	26.3
203	18.7	14.7	22.1

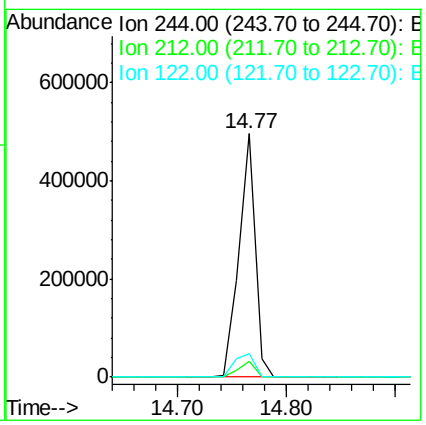


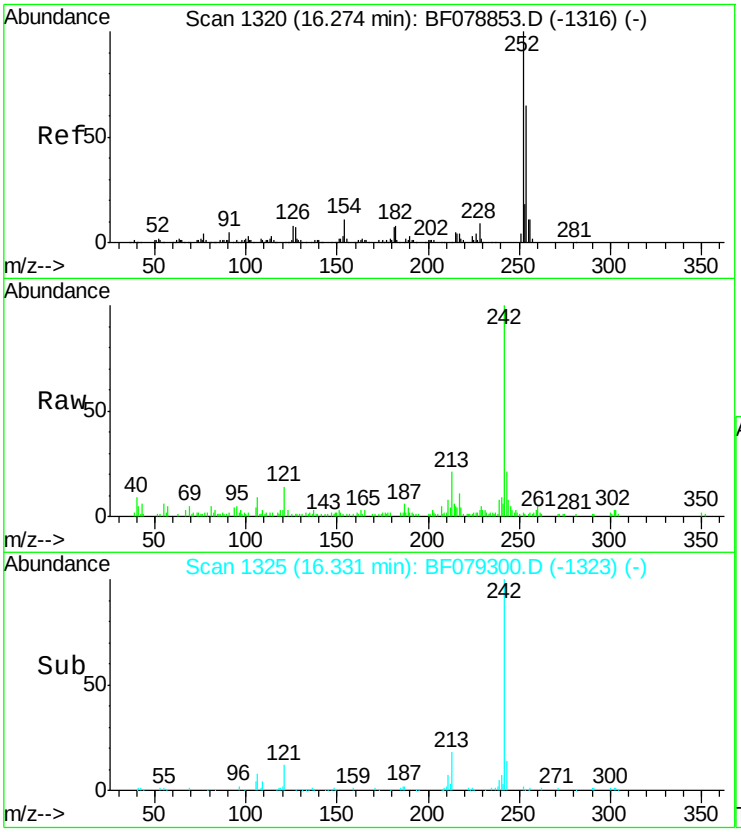


#78
Terphenyl-d14
Concen: 1473.18 ng
RT: 14.77 min Scan# 1188
Delta R.T. -0.16 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:244 Resp: 505121

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.5	10.5	15.7#



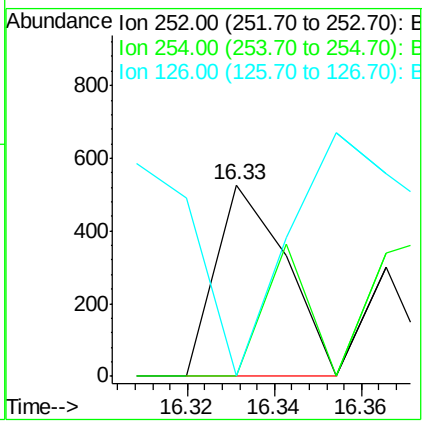


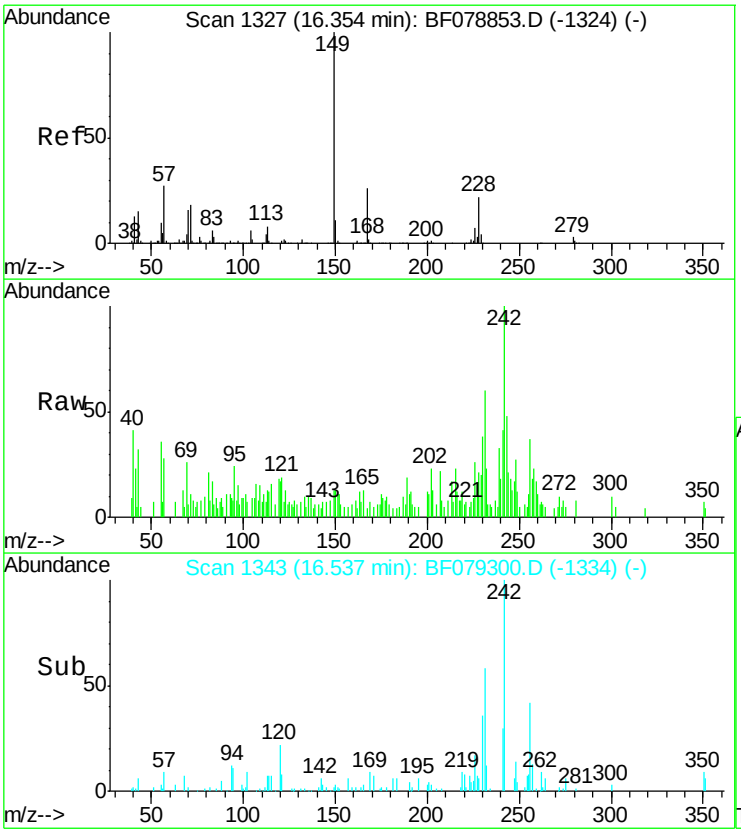
#81
3,3'-Dichlorobenzidine
Concen: 3.68 ng
RT: 16.33 min Scan# 1325
Delta R.T. -0.14 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:252 Resp: 590

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.2	78.2#
126	0.0	6.6	9.8#

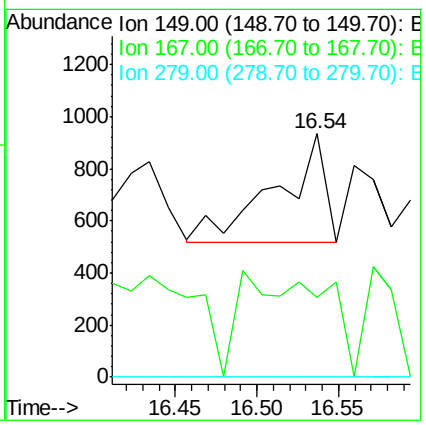


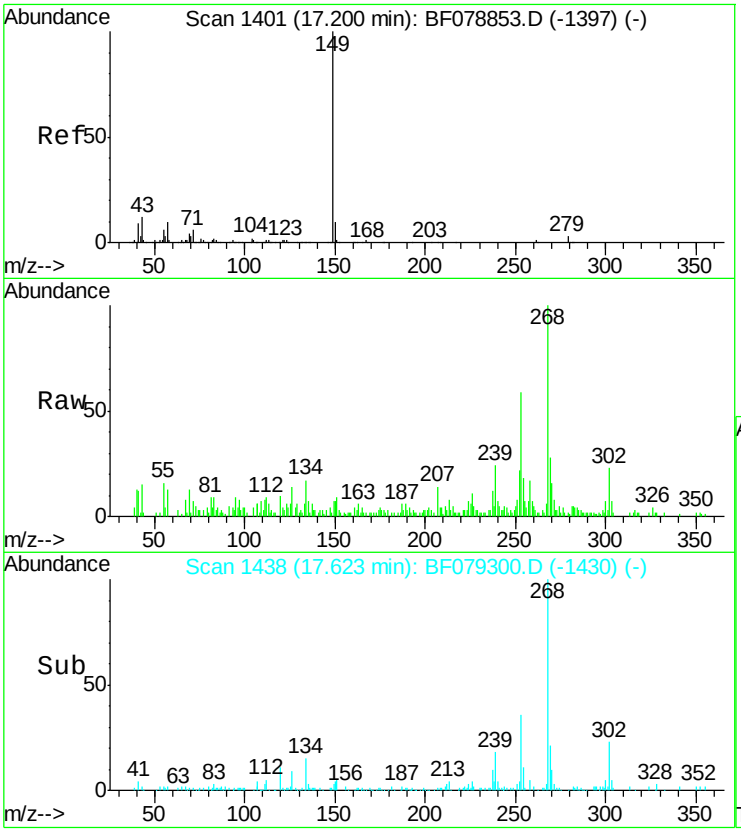


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.79 ng
RT: 16.54 min Scan# 1343
Delta R.T. -0.07 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:149 Resp: 873

Ion	Ratio	Lower	Upper
149	100		
167	32.5	21.2	31.8#
279	0.0	2.6	4.0#



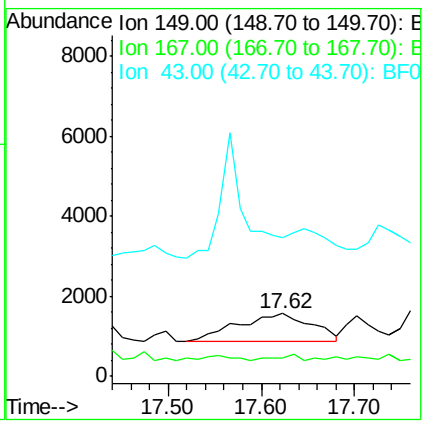


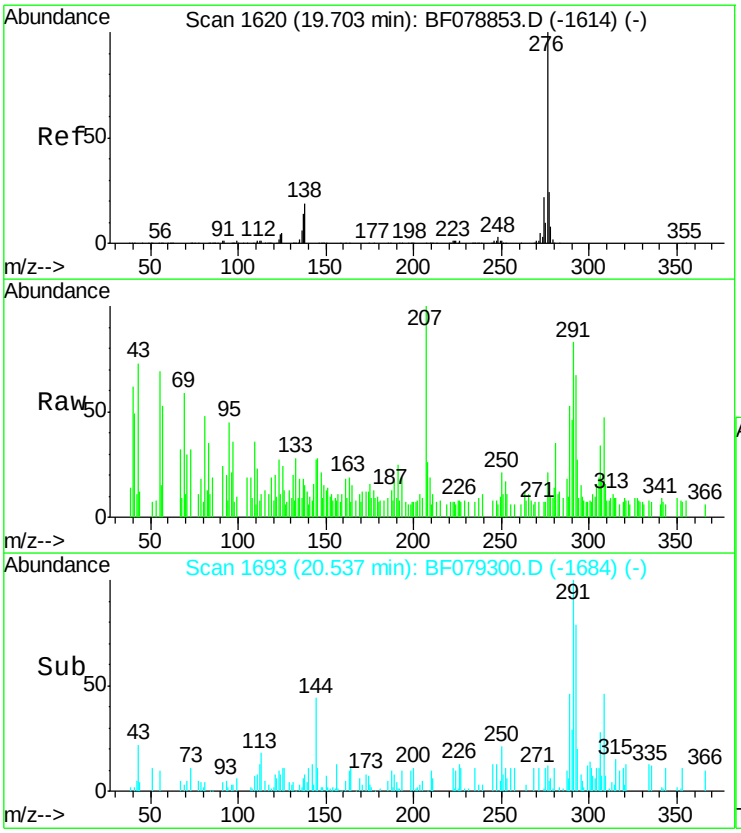
#84
Di-n-octyl phthalate
Concen: 6.69 ng
RT: 17.62 min Scan# 1438
Delta R.T. -0.08 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:149 Resp: 3691

Ion	Ratio	Lower	Upper
149	100		
167	8.8	1.2	1.8#
43	0.0	9.0	13.6#

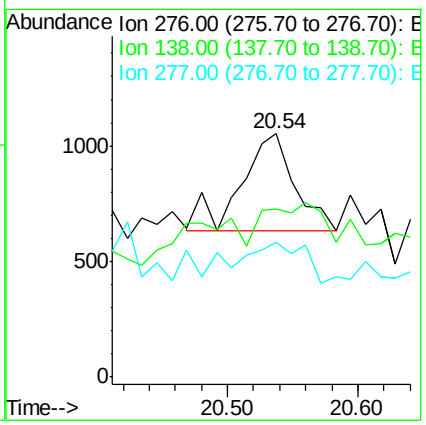


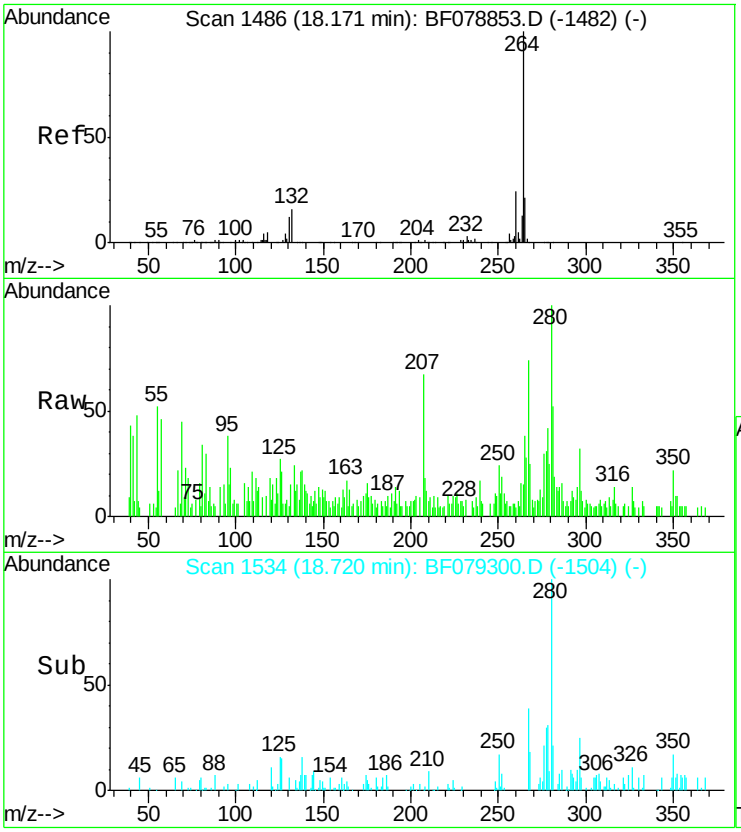


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 20.54 min Scan# 1693
Delta R.T. -0.10 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:276 Resp: 1186

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.1	31.7#
277	48.1	19.9	29.9#



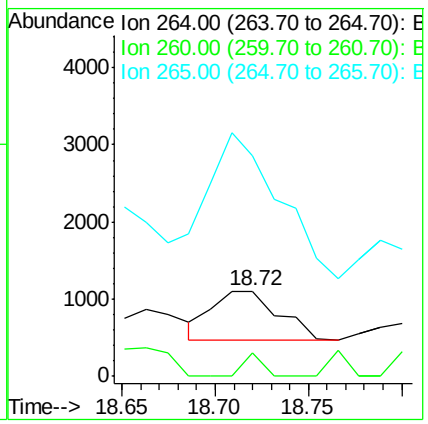


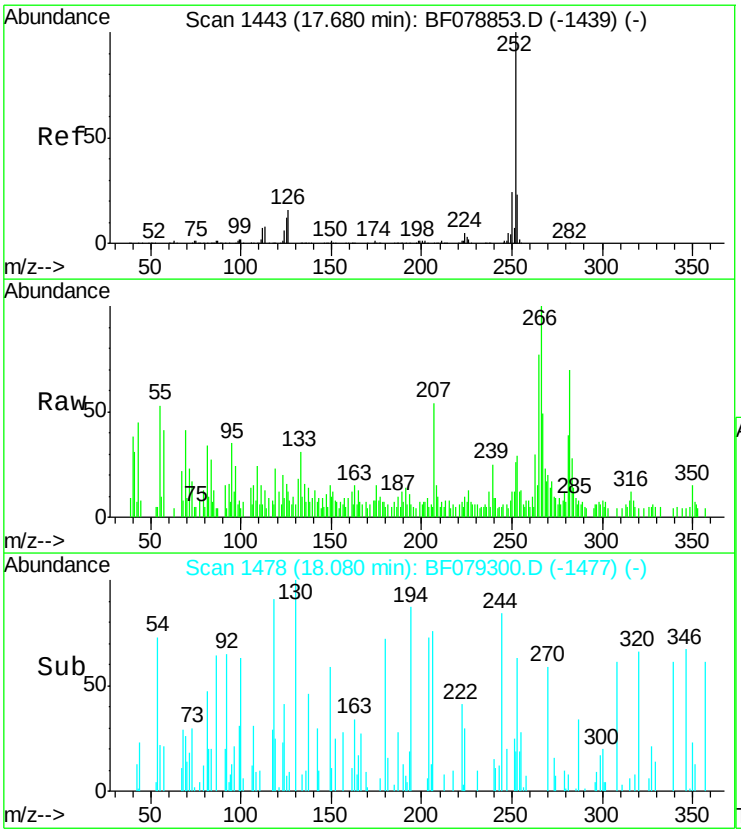
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.72 min Scan# 1534
Delta R.T. -0.16 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:264 Resp: 1603

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.2	28.8
265	258.7	17.2	25.8#

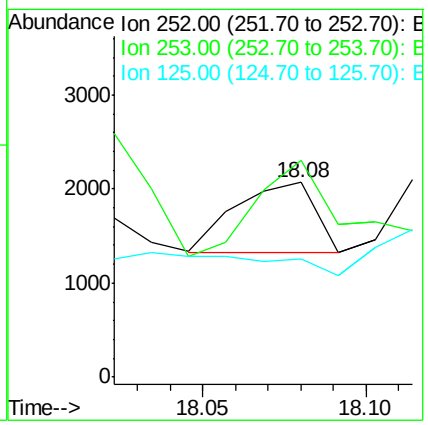


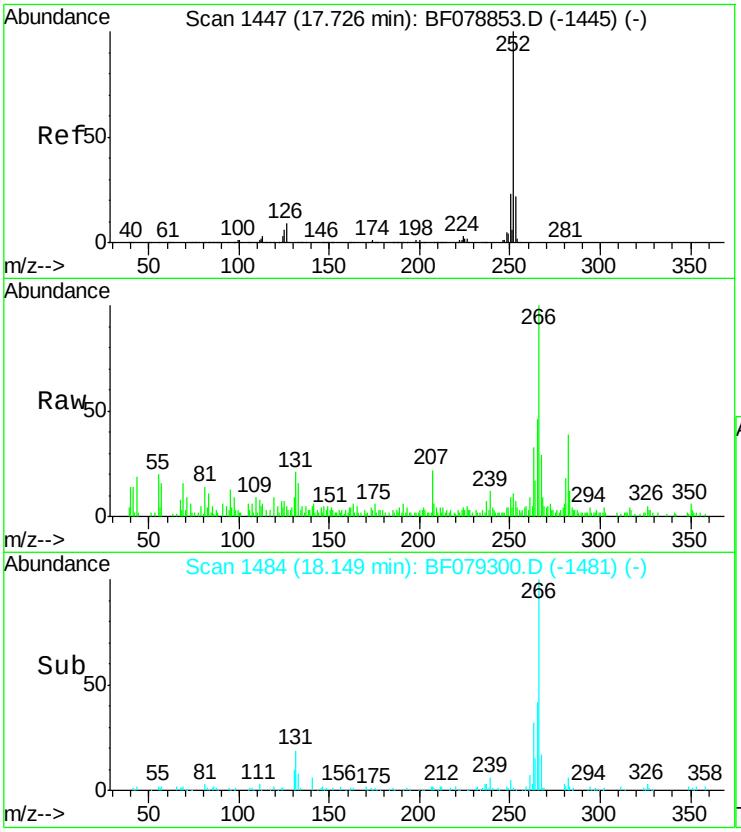


#87
Benzo(b)fluoranthene
Concen: 14.29 ng
RT: 18.08 min Scan# 1478
Delta R.T. -0.17 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:252 Resp: 1254

Ion	Ratio	Lower	Upper
252	100		
253	111.3	18.1	27.1#
125	60.8	9.4	14.2#



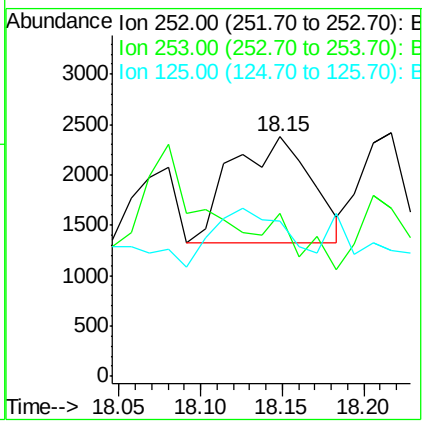


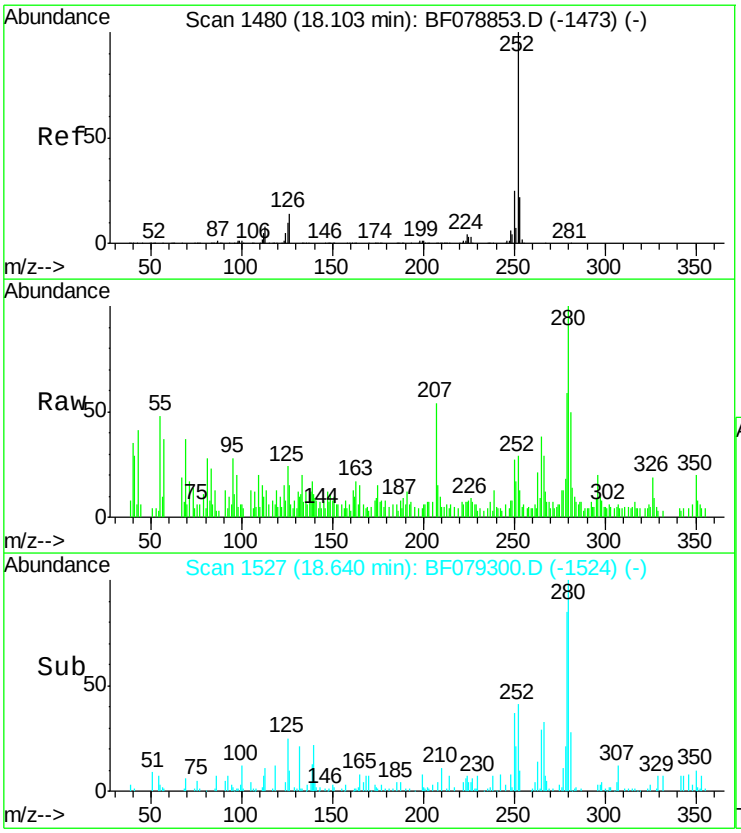
#88
Benzo(k)fluoranthene
Concen: 41.96 ng
RT: 18.15 min Scan# 1484
Delta R.T. -0.15 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:252 Resp: 3564

Ion	Ratio	Lower	Upper
252	100		
253	68.2	17.4	26.0#
125	65.0	6.1	9.1#

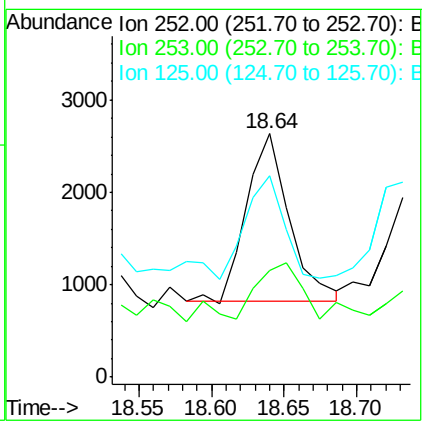


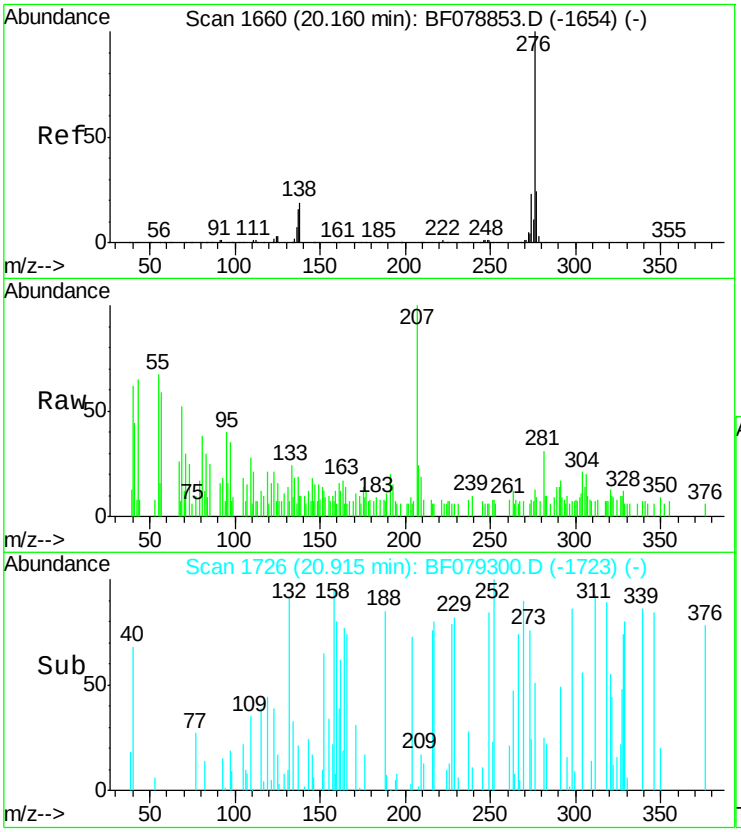


#89
Benzo(a)pyrene
Concen: 46.61 ng
RT: 18.64 min Scan# 1527
Delta R.T. -0.15 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Tgt Ion:252 Resp: 3766

Ion	Ratio	Lower	Upper
252	100		
253	43.9	18.0	27.0#
125	82.5	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 7.80 ng
RT: 20.91 min Scan# 1726
Delta R.T. -0.17 min
Lab File: BF079300.D
Acq: 16 May 2015 8:11

Instrument :
BNA_F
ClientSampleId :
WC-08-D1

Tgt Ion:276 Resp: 671

Ion	Ratio	Lower	Upper
276	100		
277	68.8	18.8	28.2#
138	74.5	15.2	22.8#