Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
Data File : BF079546.D
Acq On : 28 May 2015 16:06
Operator : TP/IZ
Sample : G2386-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3-SS

Quant Time: May 29 08:46:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	66237	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	277522	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	133683	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	245669	20.00	ng		0.00
75) Chrysene-d12	15.82	240	253361	20.00	ng		-0.02
86) Perylene-d12	17.52	264	295099	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	381472	99.89	ng		0.01
7) Phenol-d6	6.56	99	537141	110.35	ng		0.00
23) Nitrobenzene-d5	7.66	82	307932	64.14	ng		-0.01
41) 2,4,6-Tribromophenol	11.68	330	151217	102.99	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	643138	68.64	ng		0.00
78) Terphenyl-d14	14.53	244	737455	68.31	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	1121	Below Cal		#	1
31) Naphthalene	8.56	128	63530	4.77	ng		99
37) 2-Methylnaphthalene	9.43	142	45903	4.96	ng		98
48) Acenaphthylene	10.53	152	161381	11.79	ng		99
49) Dimethylphthalate	10.40	163	55161	5.60	ng		99
51) Acenaphthene	10.74	154	24484	3.13	ng		99
54) Dibenzofuran	10.96	168	42030	3.64	ng		94
55) 4-Nitrophenol	10.96	139	16272	11.46	ng	#	15
57) Fluorene	11.38	166	44381	4.66	ng		100
70) Phenanthrene	12.57	178	514525	38.18	ng		99
71) Anthracene	12.63	178	237589	17.36	ng		99
72) Carbazole	12.85	167	65146	4.95	ng		98
73) Di-n-butylphthalate	13.30	149	7436	Below Cal		#	77
74) Fluoranthene	14.03	202	967732	66.96	ng		92
77) Pyrene	14.32	202	919011	58.55	ng		100
80) Benzo(a)anthracene	15.81	228	637510	43.74	ng		97
82) Chrysene	15.84	228	597160	43.11	ng		96
87) Benzo(b)fluoranthene	17.09	252	1425689	84.71	ng	#	97
88) Benzo(k)fluoranthene	17.09	252	1425689	94.73	ng	#	95
89) Benzo(a)pyrene	17.46	252	684821	46.46	ng		98
90) Dibenzo(a,h)anthracene	18.97	278	104529	5.43	ng		93
91) Benzo(g,h,i)perylene	19.19	276	540308	35.10	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 28 May 2015 16:06
Operator : TP/IZ
Sample : G2386-04
Misc :
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Instrument :
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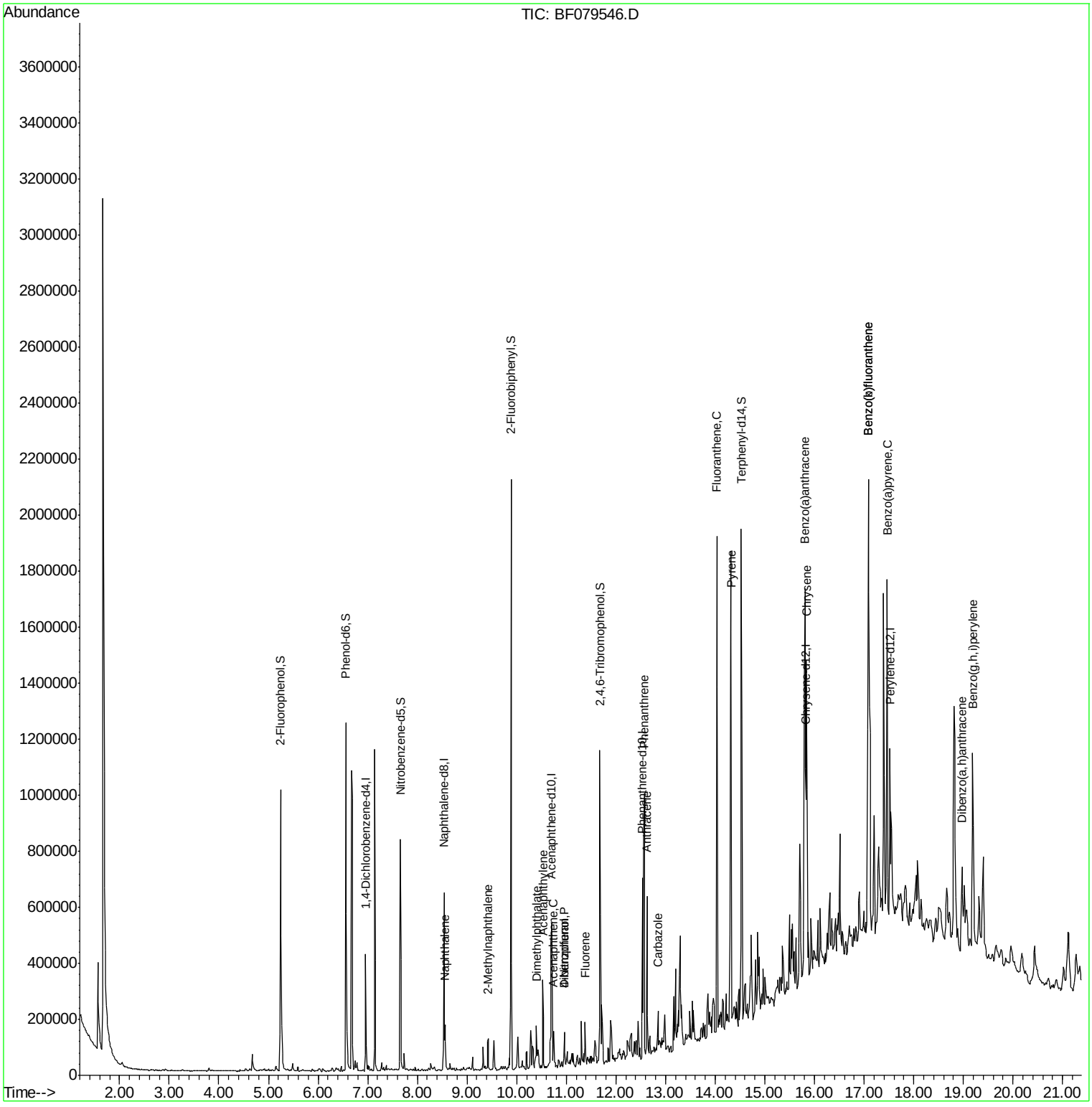
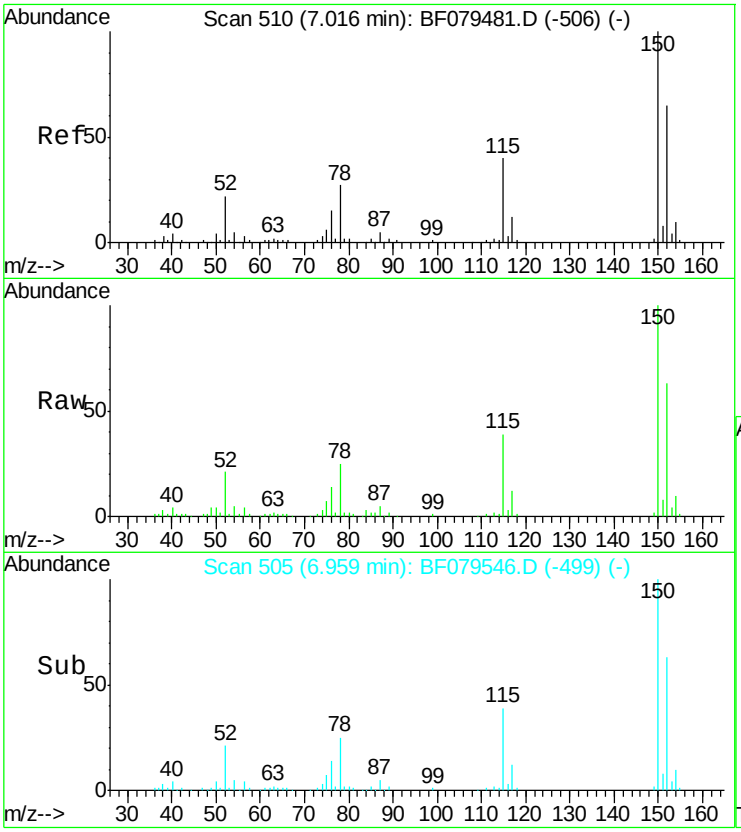


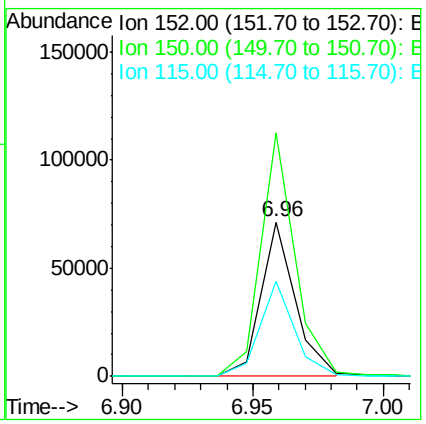


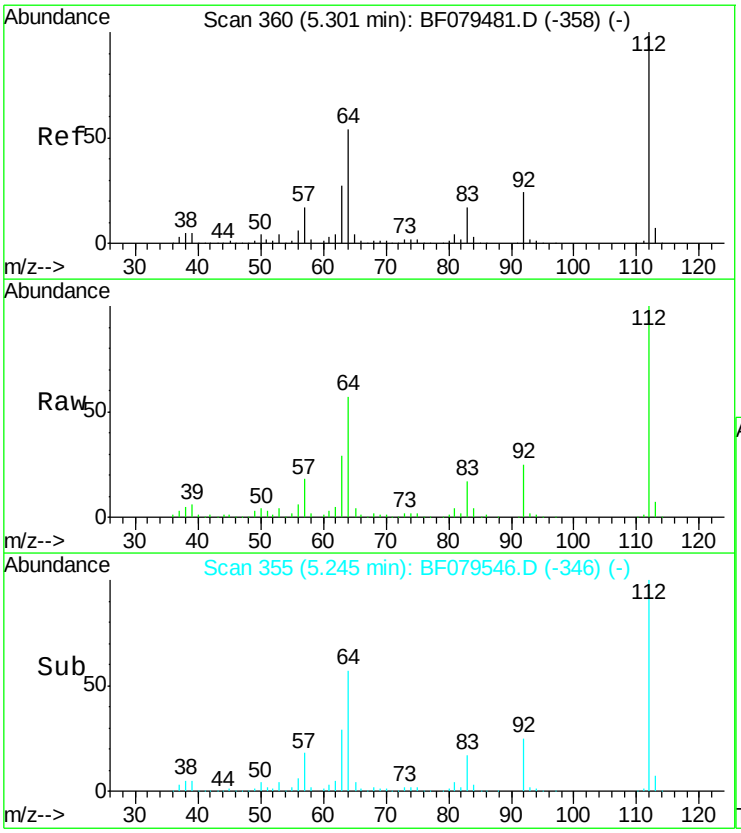
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:152 Resp: 66237

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.0	186.0
115	61.3	49.6	74.4

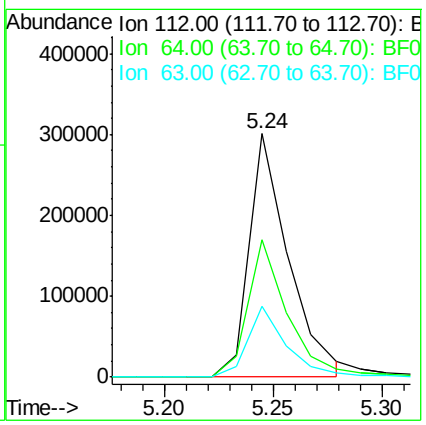


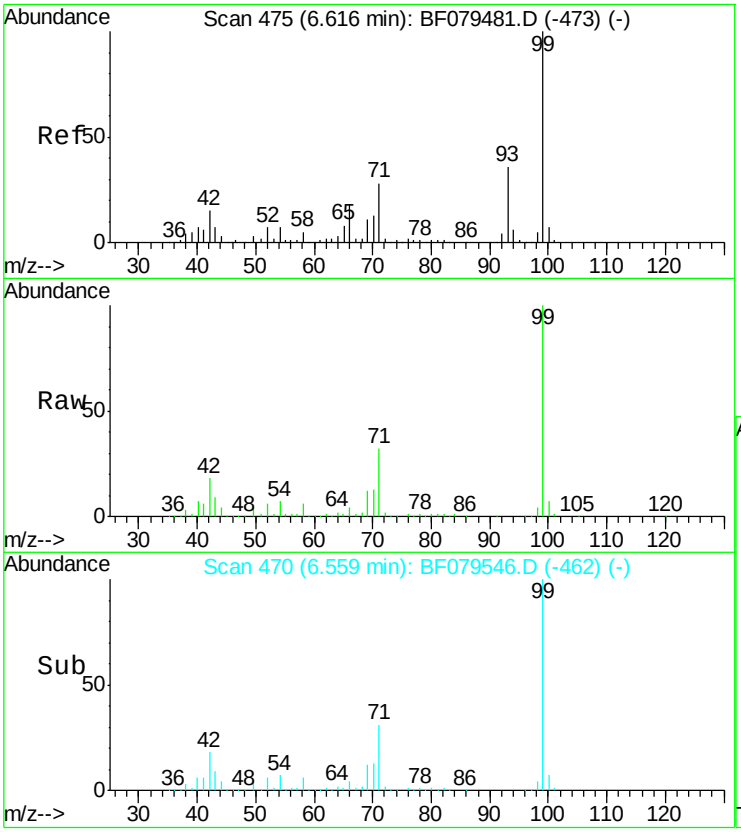


#5
2-Fluorophenol
Concen: 99.89 ng
RT: 5.24 min Scan# 355
Delta R.T. 0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:112 Resp: 381472

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	28.9	21.8	32.8



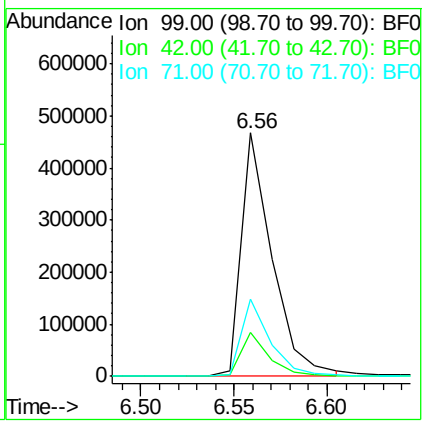


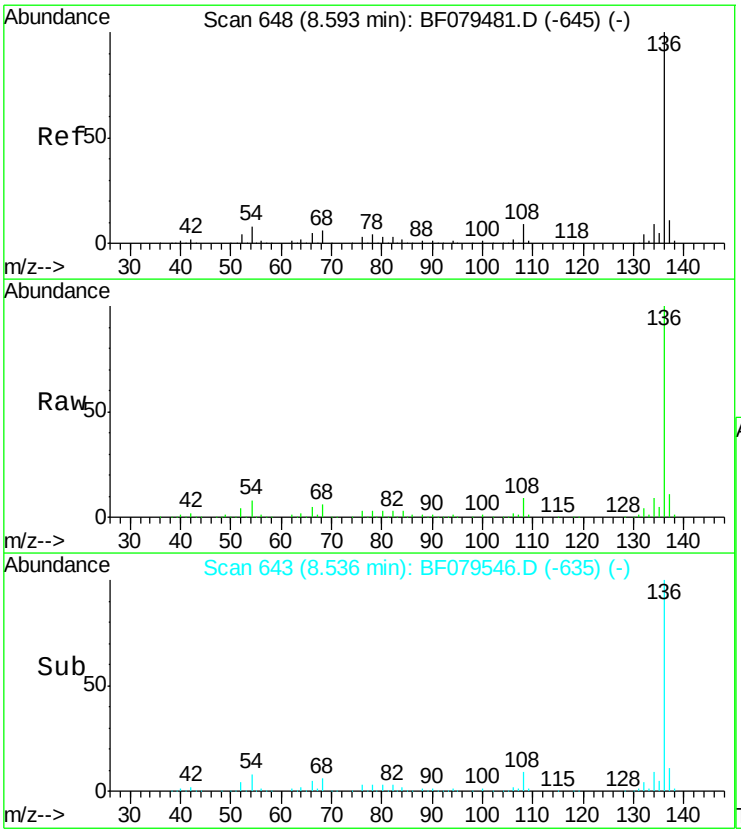
#7
Phenol-d6
Concen: 110.35 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion: 99 Resp: 537141

Ion	Ratio	Lower	Upper
99	100		
42	18.0	11.9	17.9#
71	31.5	22.1	33.1

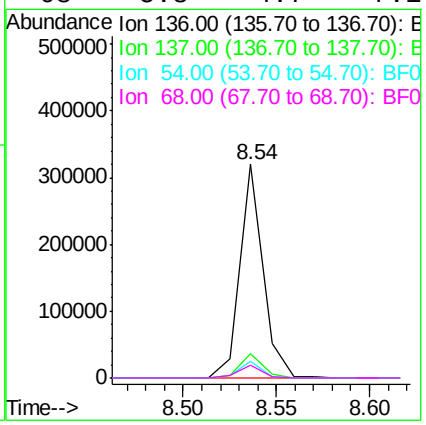


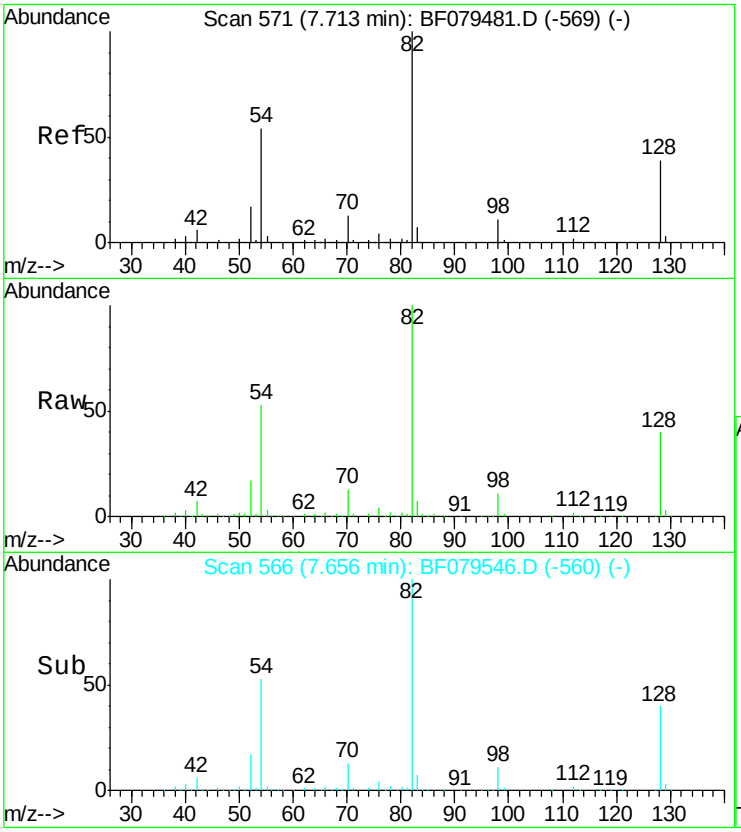


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.54 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:136 Resp: 277522

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.7	6.6	9.8
68	5.8	4.7	7.1



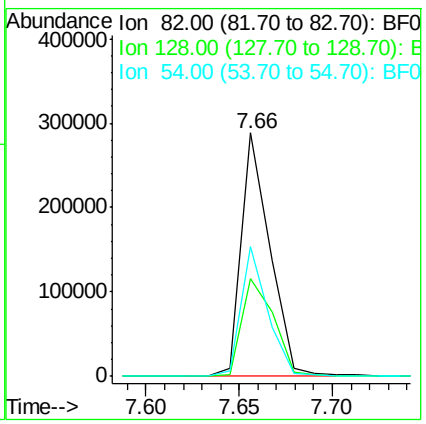


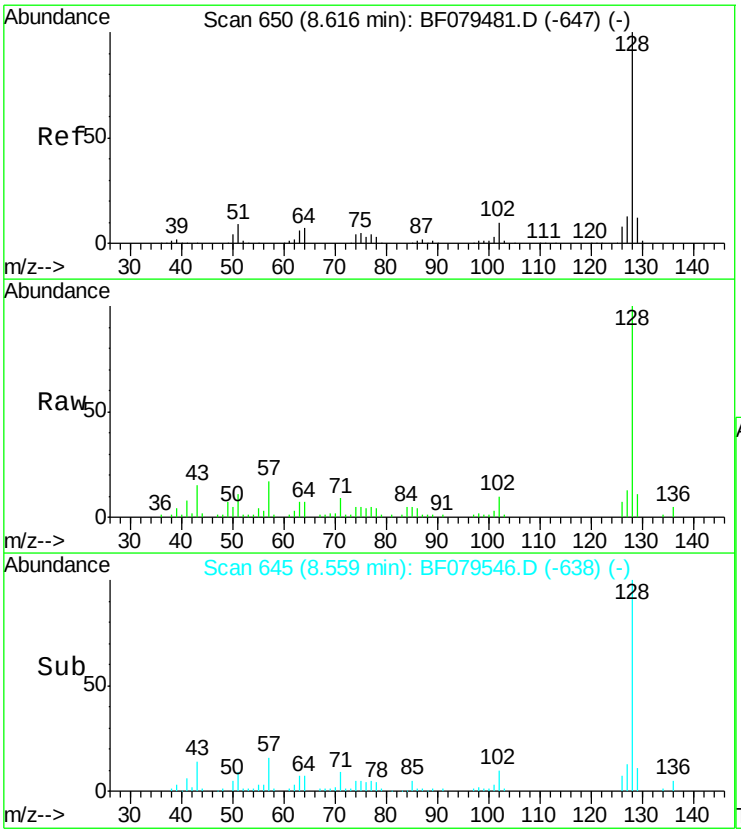
#23
Nitrobenzene-d5
Concen: 64.14 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion: 82 Resp: 307932

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.8	46.2
54	53.3	42.8	64.2

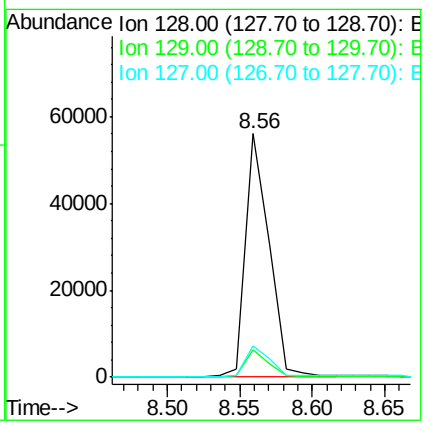


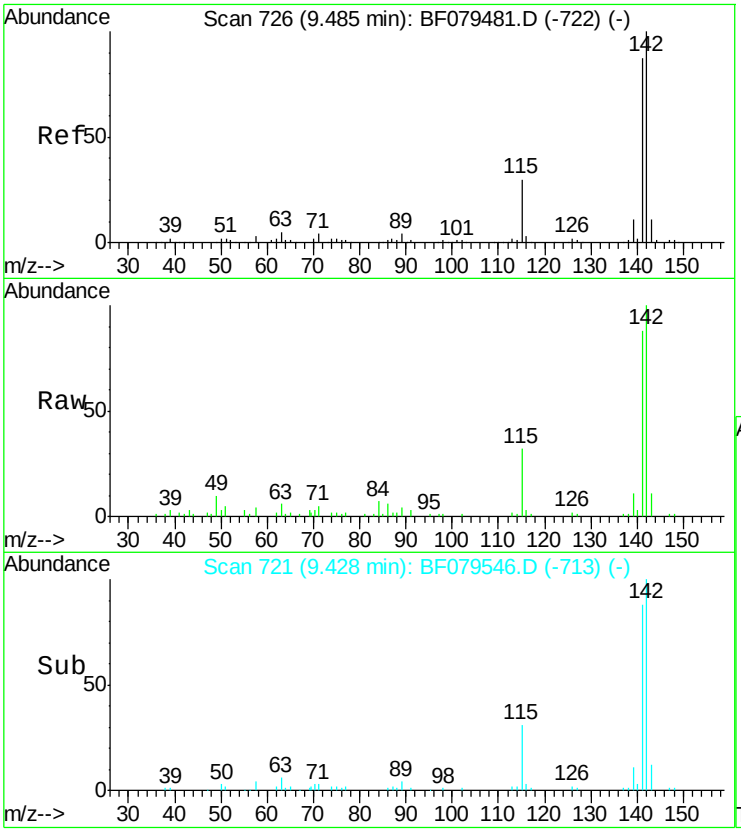


#31
Naphthalene
Concen: 4.77 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:128 Resp: 63530

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	12.6	10.6	15.8



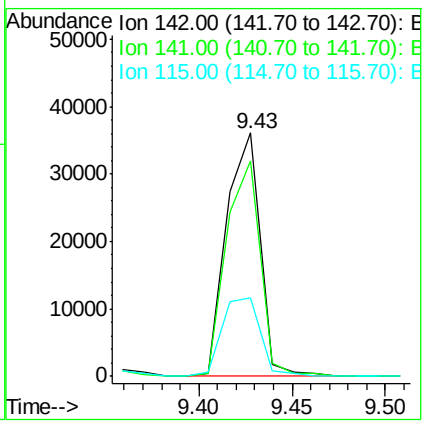


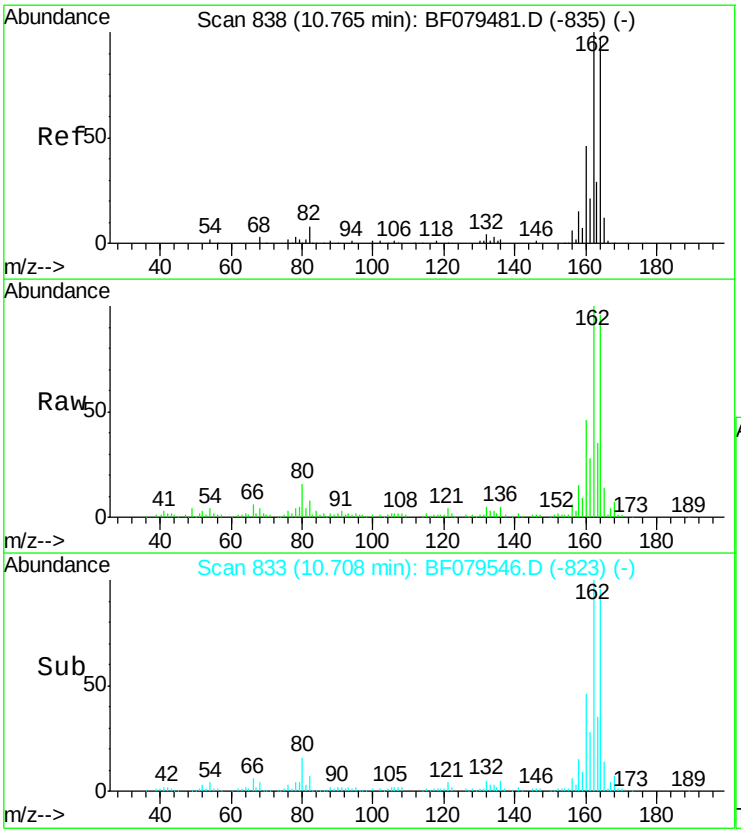
#37
2-Methylnaphthalene
Concen: 4.96 ng
RT: 9.43 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:142 Resp: 45903

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.5	104.3
115	32.0	23.8	35.6

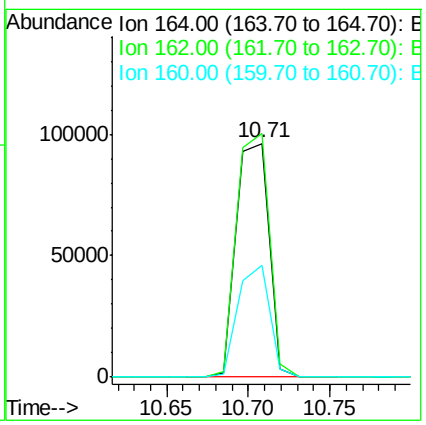


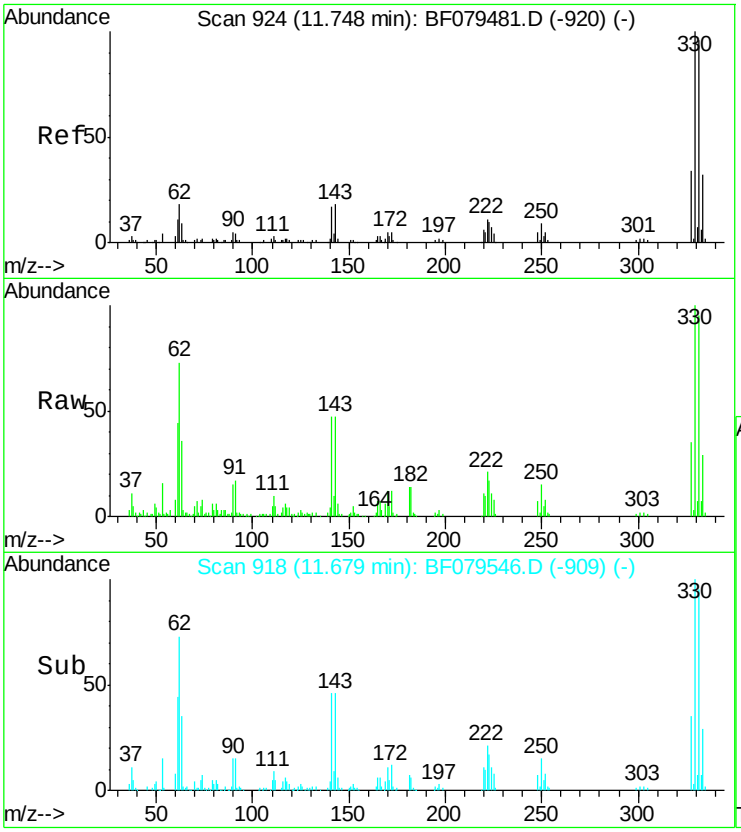


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:164 Resp: 133683

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	124.0
160	47.6	37.7	56.5



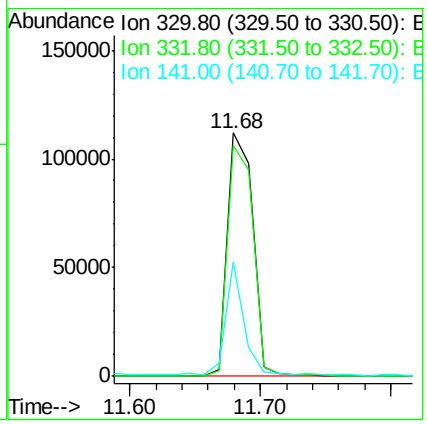


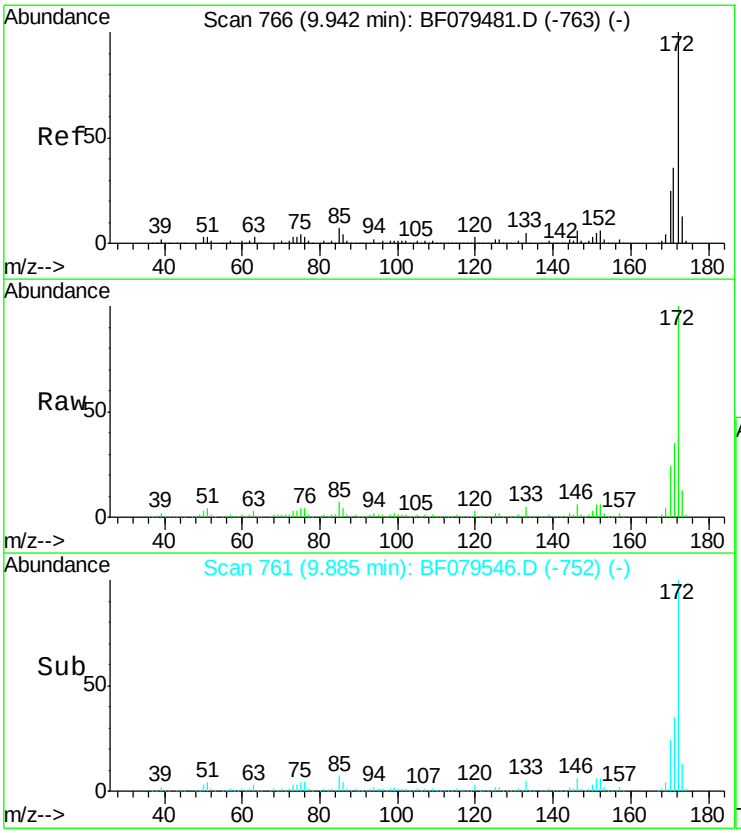
#41
2,4,6-Tribromophenol
Concen: 102.99 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:330 Resp: 151217

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	34.0	0.0	0.0#

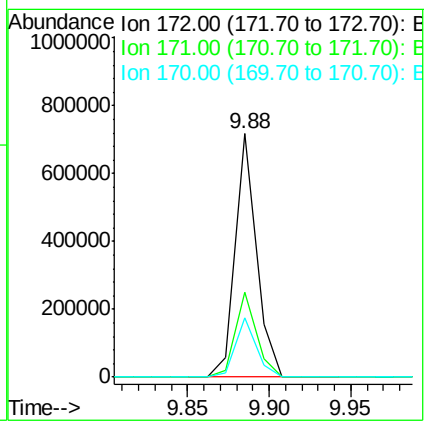


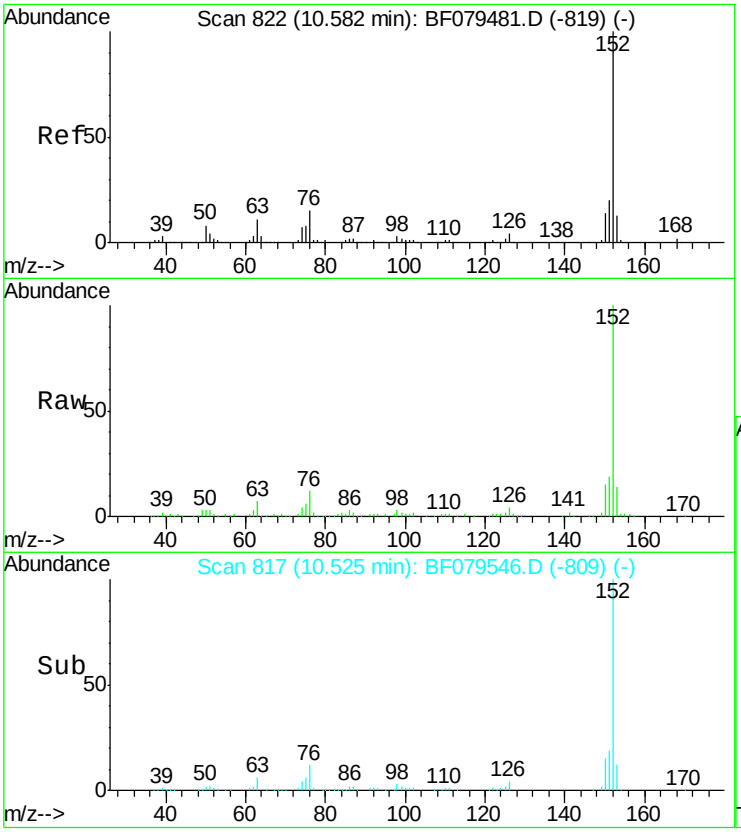


#44
2-Fluorobiphenyl
Concen: 68.64 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:172 Resp: 643138

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.2	19.7	29.5



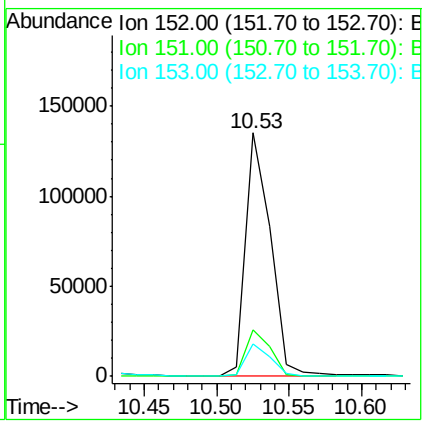


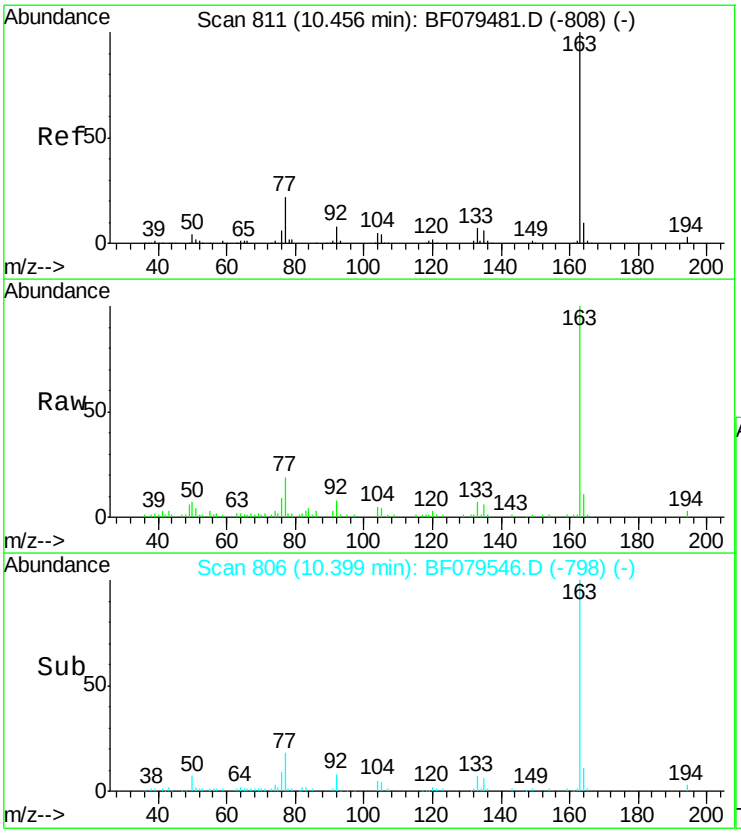
#48
Acenaphthylene
Concen: 11.79 ng
RT: 10.53 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:152 Resp: 161381

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	13.6	10.7	16.1

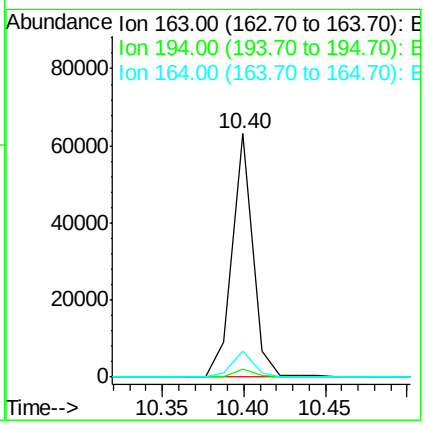


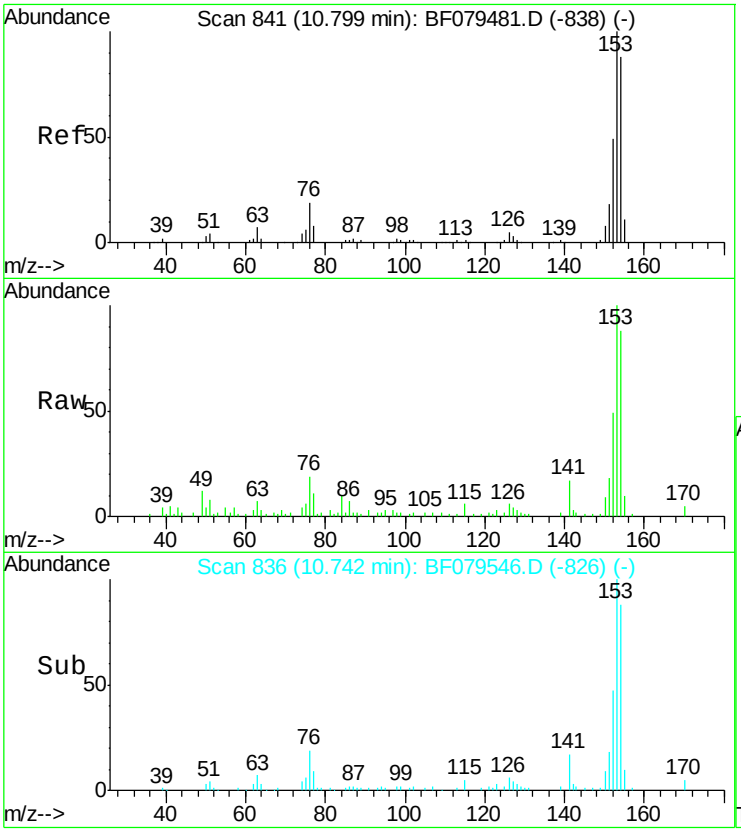


#49
Dimethylphthalate
Concen: 5.60 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:163 Resp: 55161

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.4	3.6
164	10.8	8.2	12.4



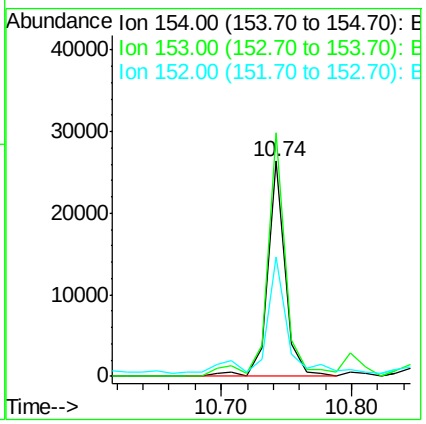


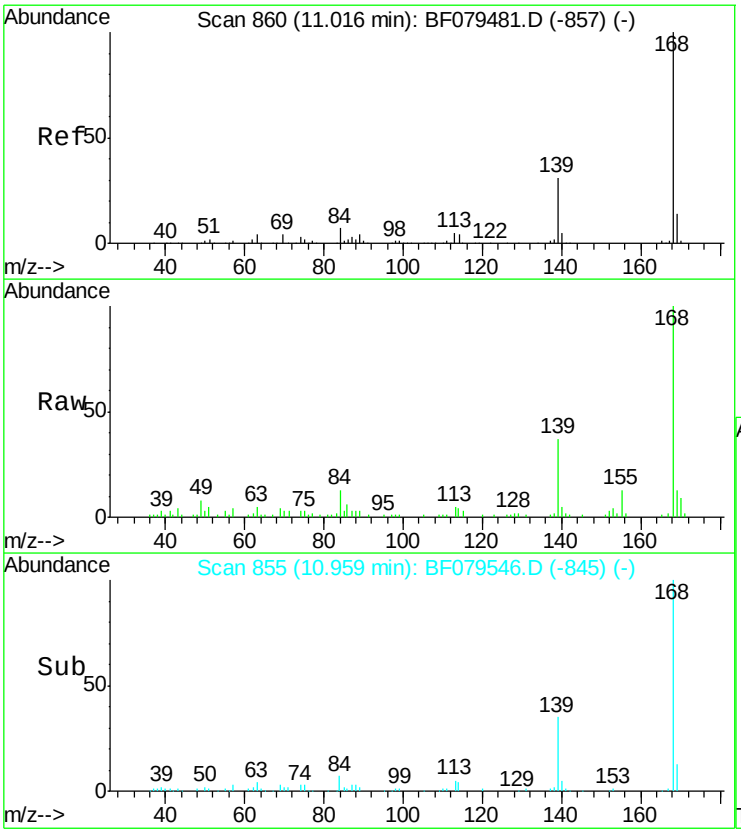
#51
Acenaphthene
Concen: 3.13 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:154 Resp: 24484

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.1	136.7
152	55.3	44.6	66.8

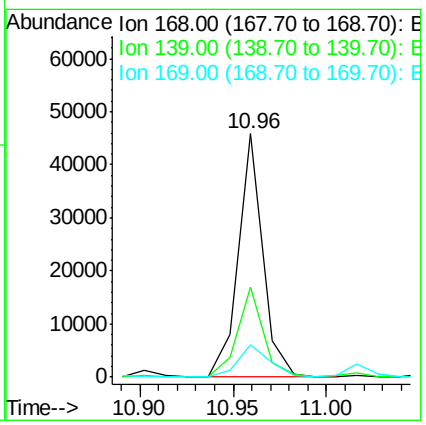


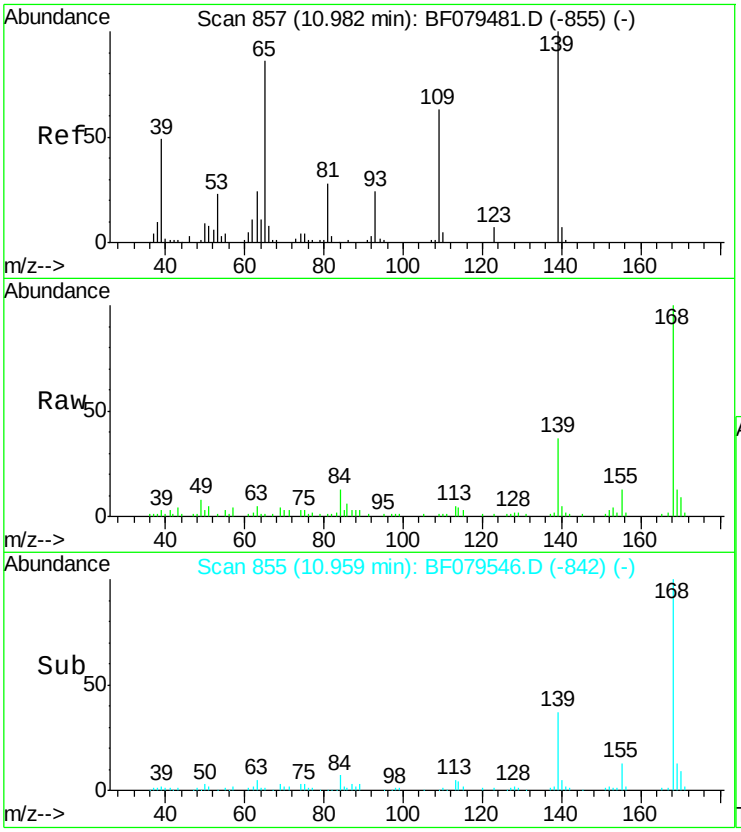


#54
Dibenzofuran
Concen: 3.64 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:168 Resp: 42030

Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.9	49.3
169	13.4	11.1	16.7



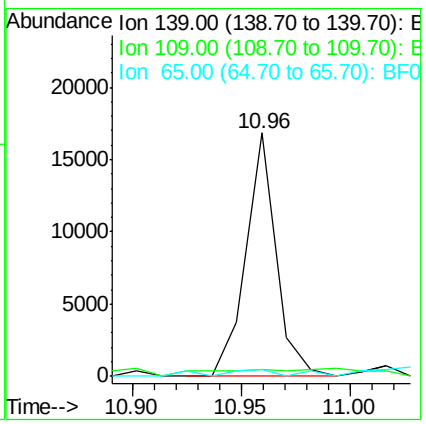


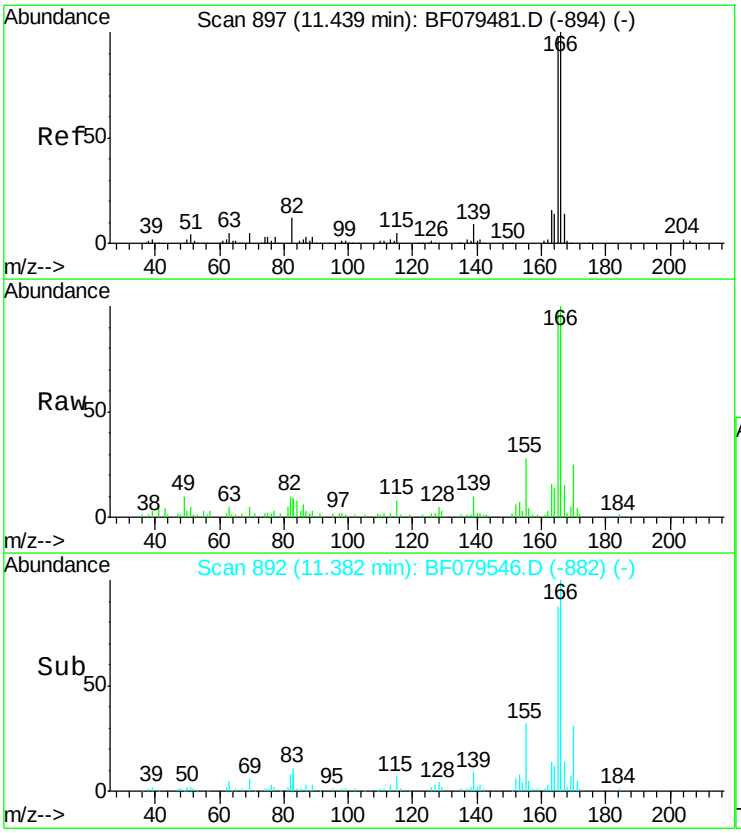
#55
4-Nitrophenol
Concen: 11.46 ng
RT: 10.96 min Scan# 855
Delta R.T. 0.03 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:139 Resp: 16272

Ion	Ratio	Lower	Upper
139	100		
109	3.0	42.8	82.8#
65	3.0	66.3	106.3#

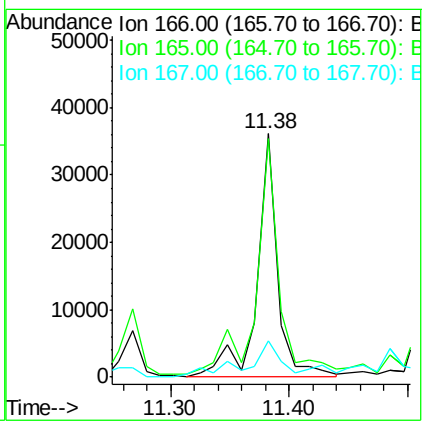


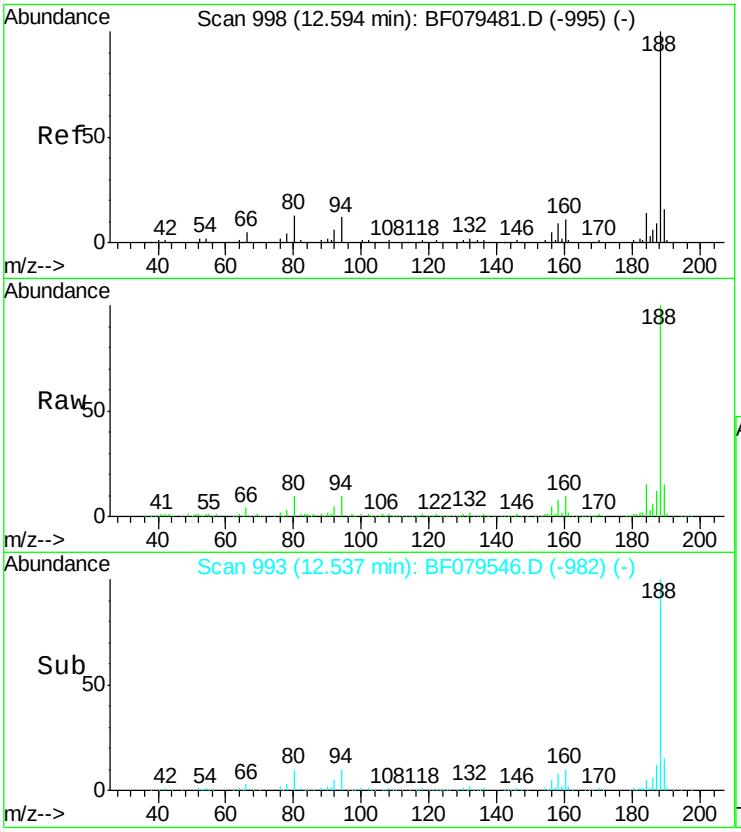


#57
Fluorene
Concen: 4.66 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:166 Resp: 44381

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	15.1	10.8	16.2



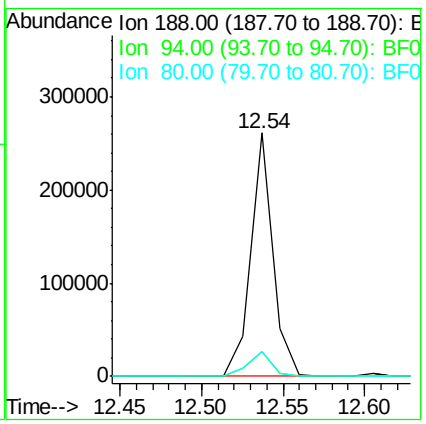


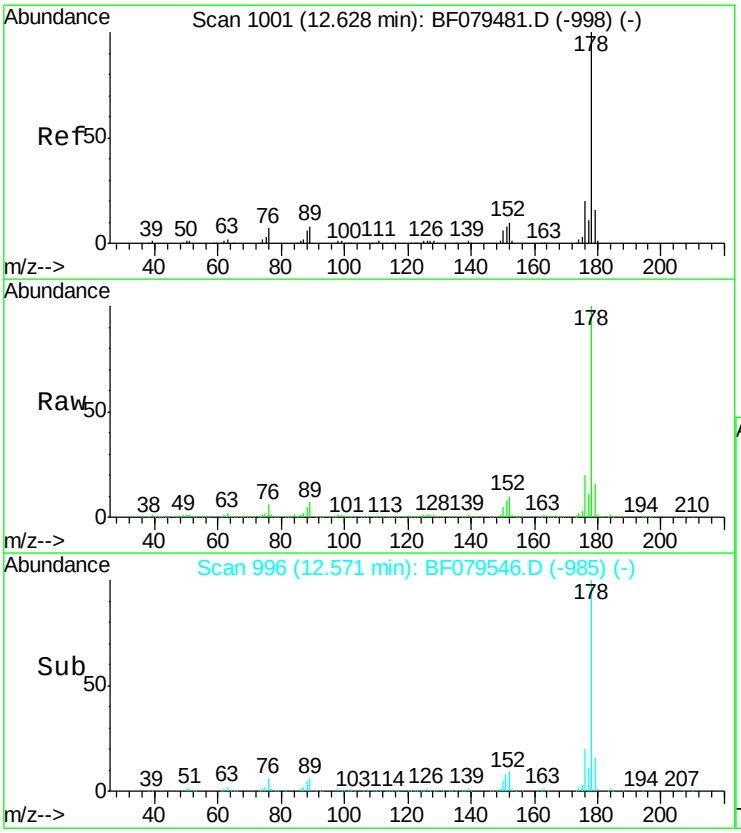
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:188 Resp: 245669

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.8	14.6
80	10.2	10.5	15.7#

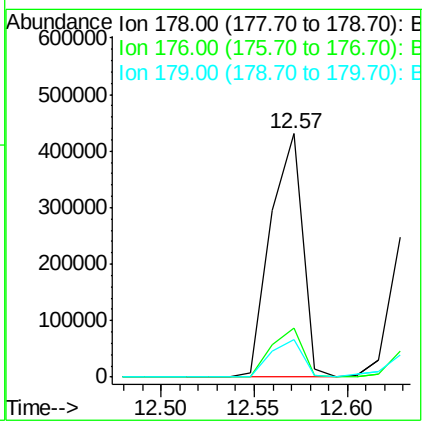


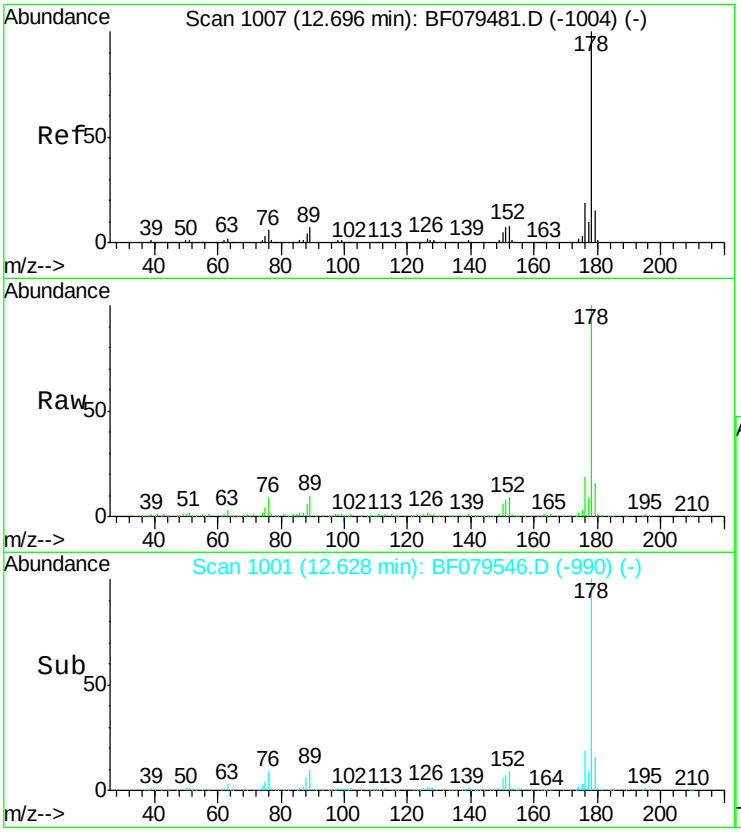


#70
Phenanthrene
Concen: 38.18 ng
RT: 12.57 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:178 Resp: 514525

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	12.4	18.6



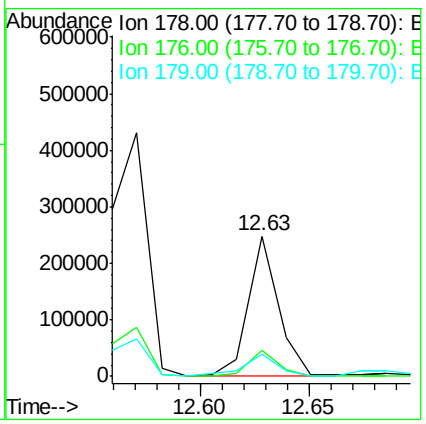


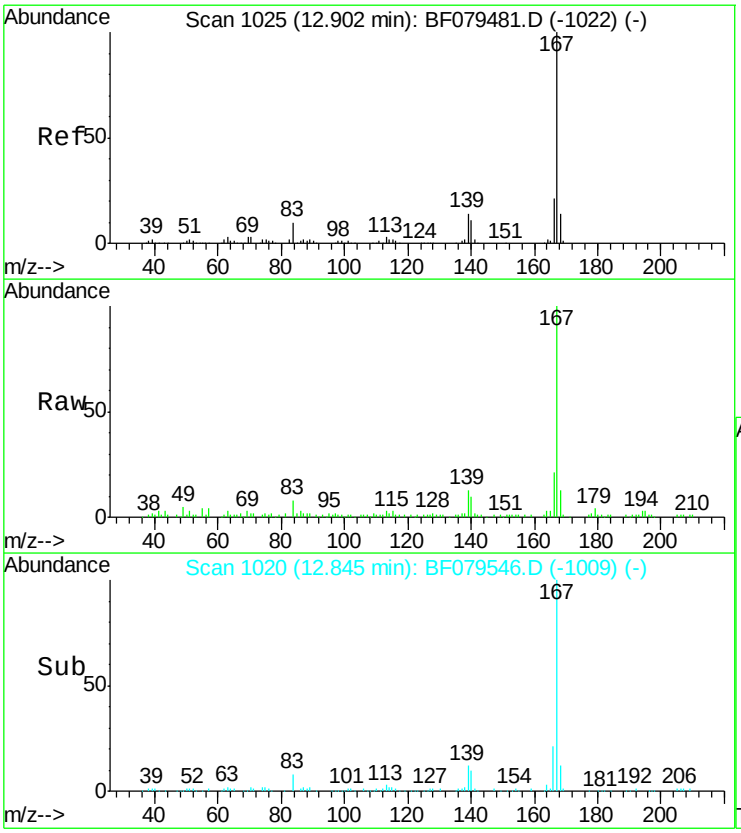
#71
Anthracene
Concen: 17.36 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:178 Resp: 237589

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.2	18.4

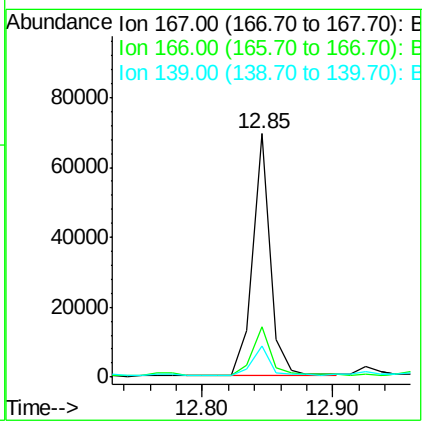


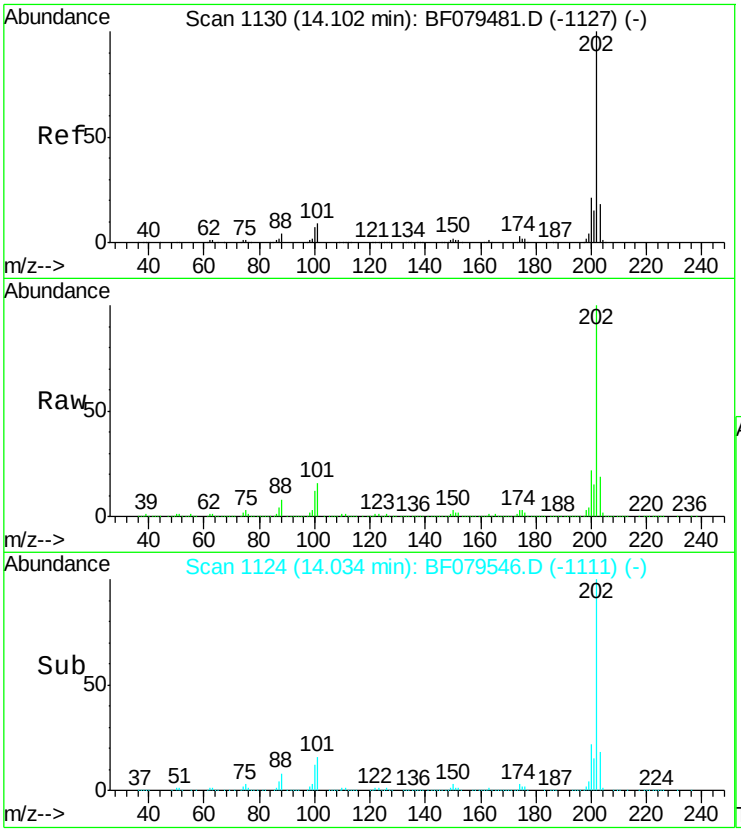


#72
Carbazole
Concen: 4.95 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:167 Resp: 65146

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	12.8	11.2	16.8



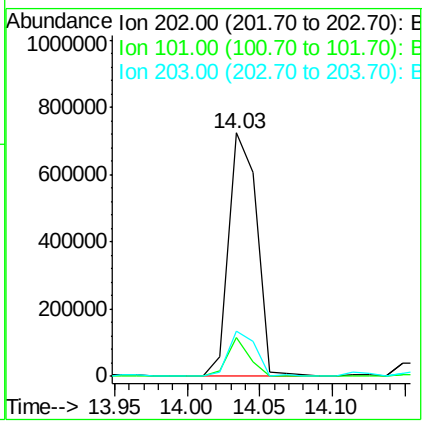


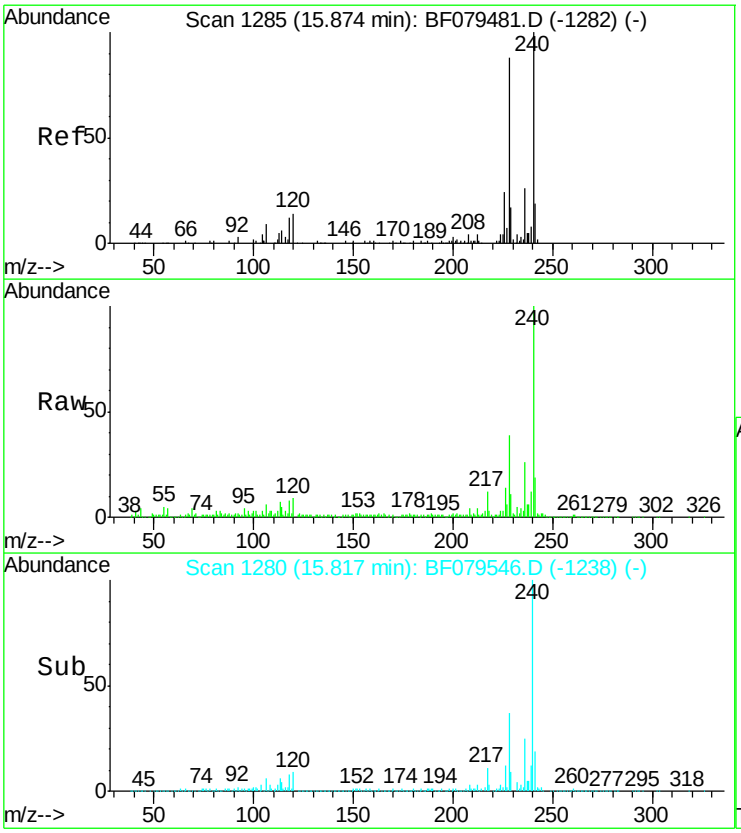
#74
Fluoranthene
Concen: 66.96 ng
RT: 14.03 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:202 Resp: 967732

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	29.3
203	18.5	0.0	37.6

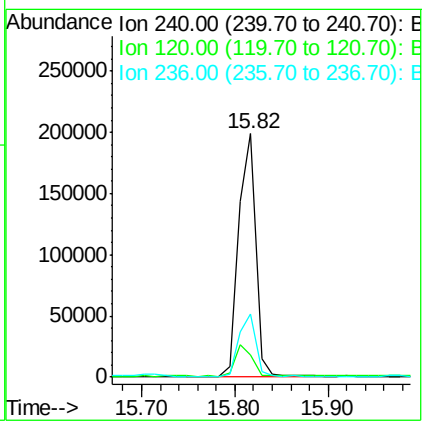


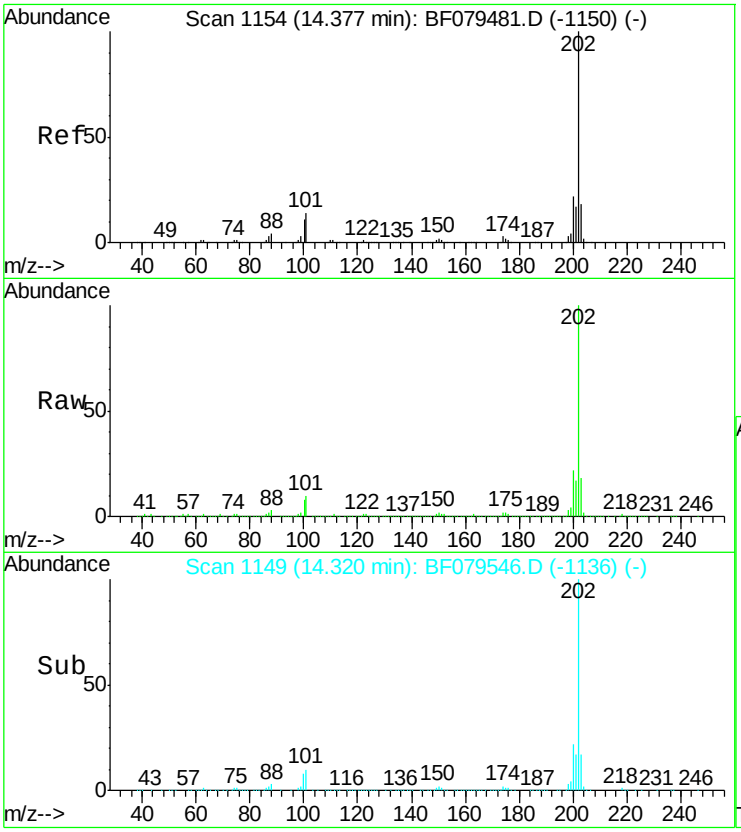


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.82 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:240 Resp: 253361

Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.8	16.2#
236	25.8	21.0	31.6



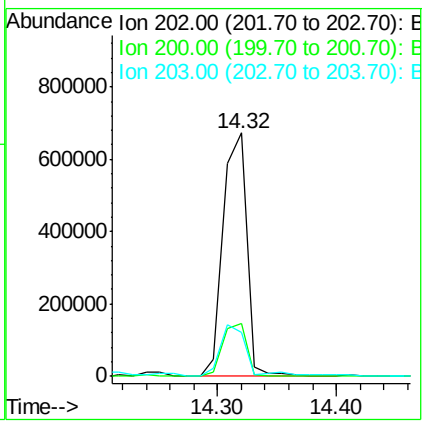


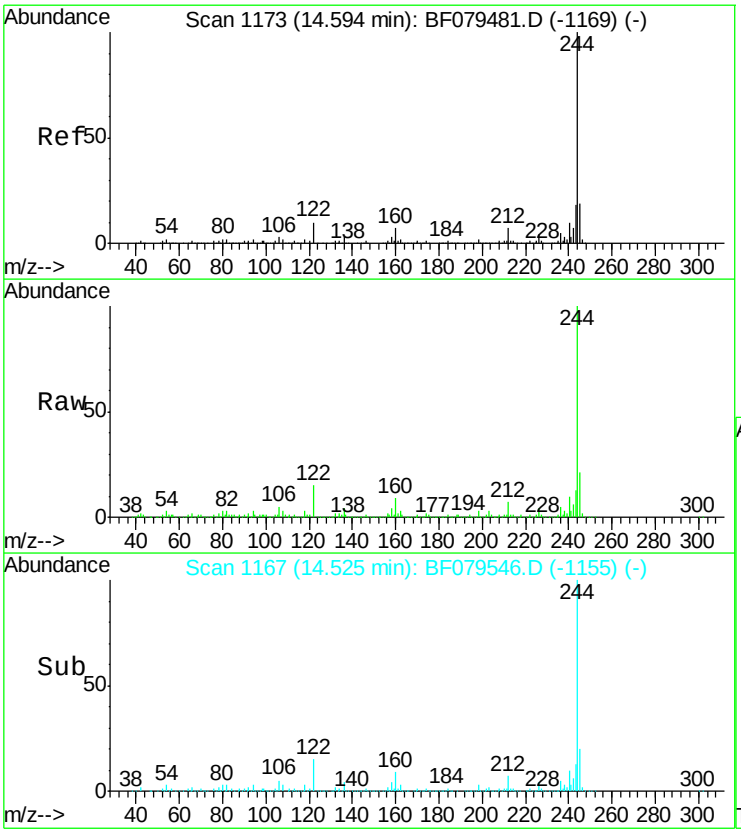
#77
Pyrene
Concen: 58.55 ng
RT: 14.32 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:202 Resp: 919011

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	17.8	14.4	21.6

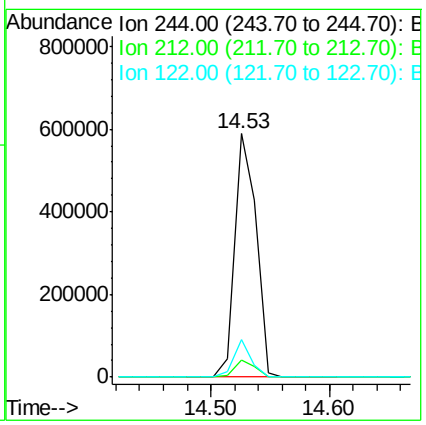


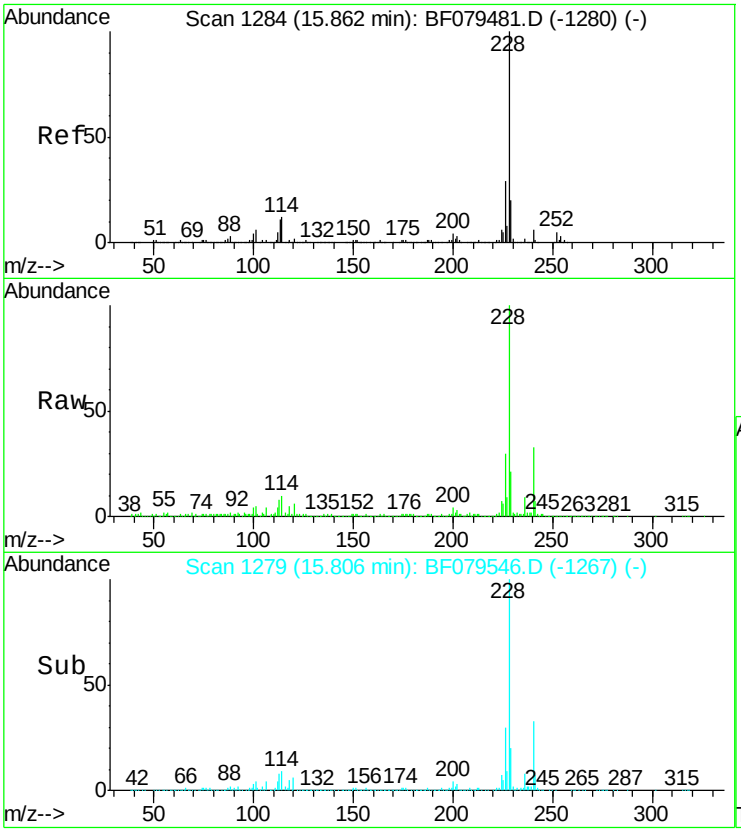


#78
Terphenyl-d14
Concen: 68.31 ng
RT: 14.53 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:244 Resp: 737455

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	15.2	8.0	12.0#



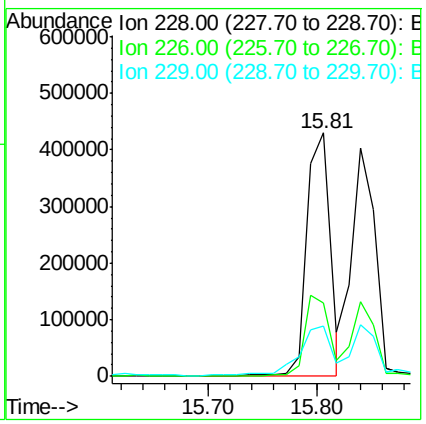


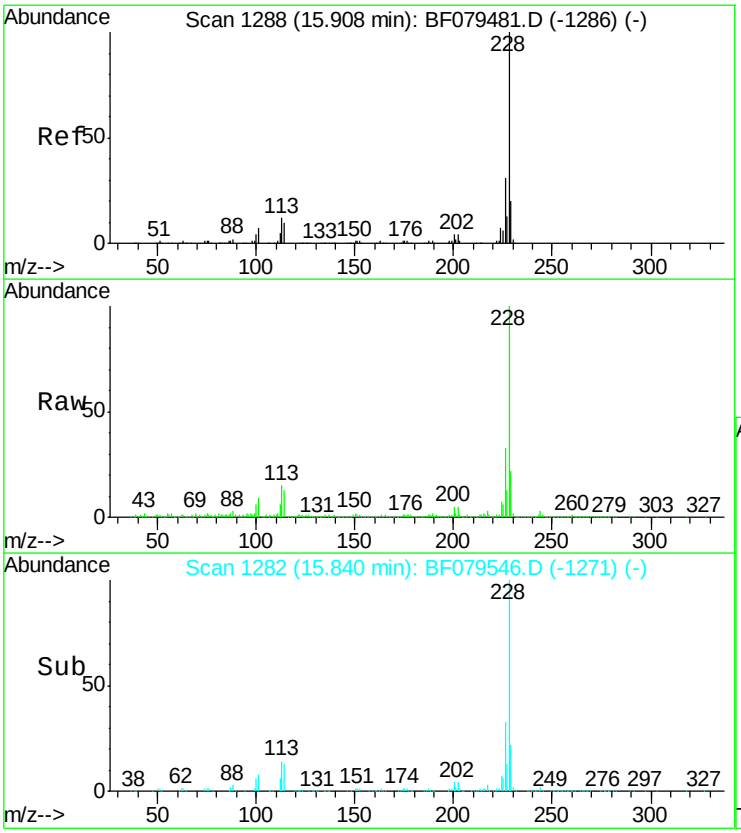
#80
Benzo(a)anthracene
Concen: 43.74 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:228 Resp: 637510

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	20.7	15.9	23.9

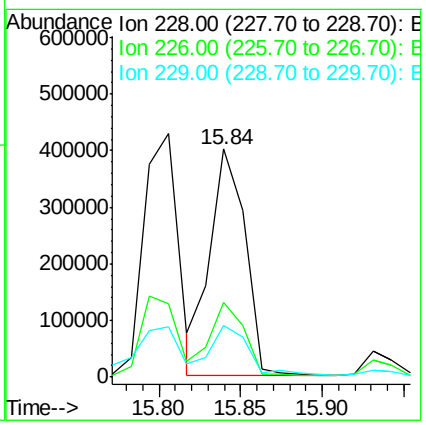


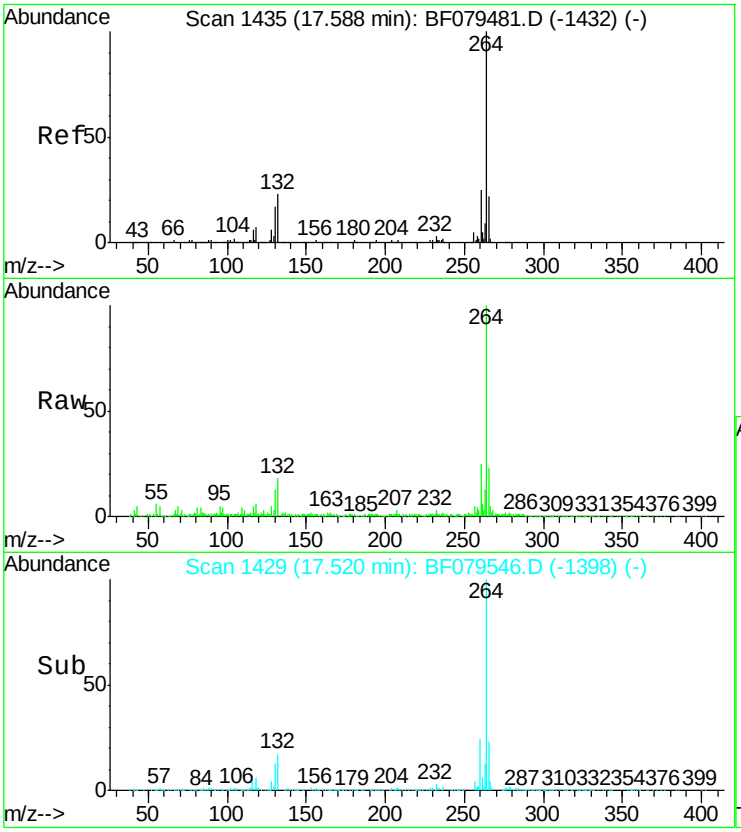


#82
Chrysene
Concen: 43.11 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:228 Resp: 597160

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.4
229	22.5	15.9	23.9



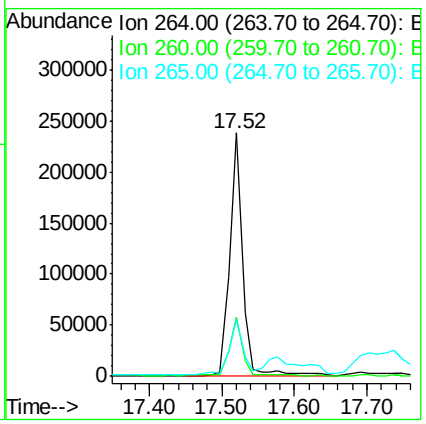


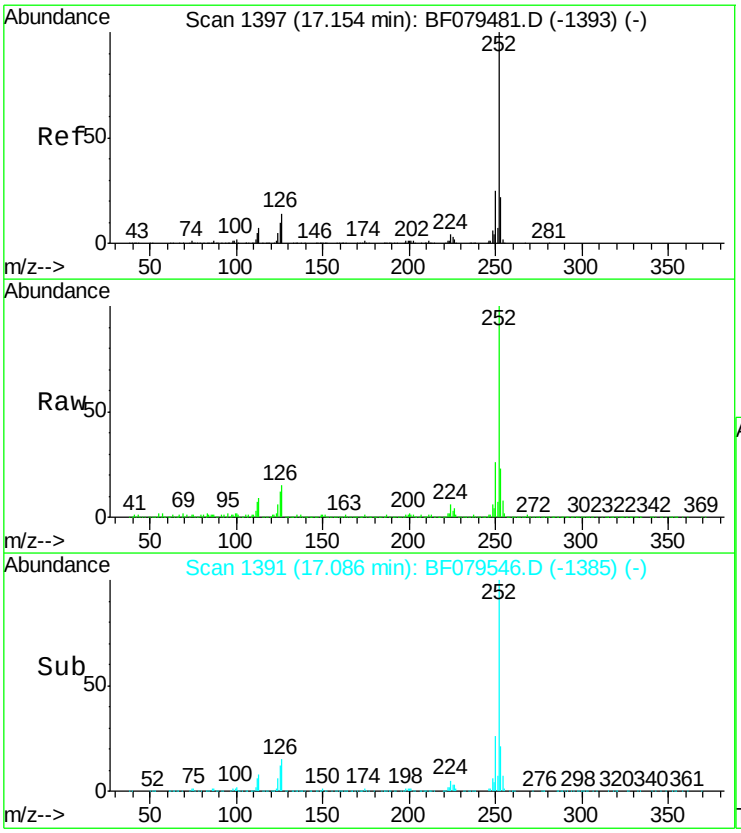
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.15 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:264 Resp: 295099

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	23.4	17.8	26.6

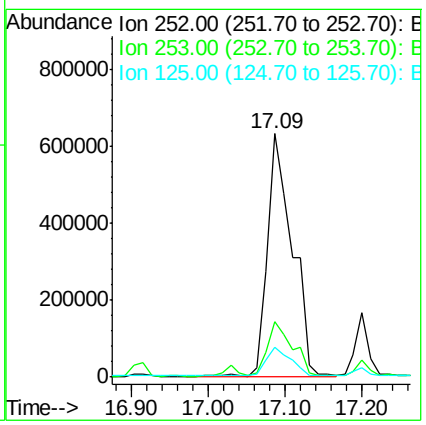


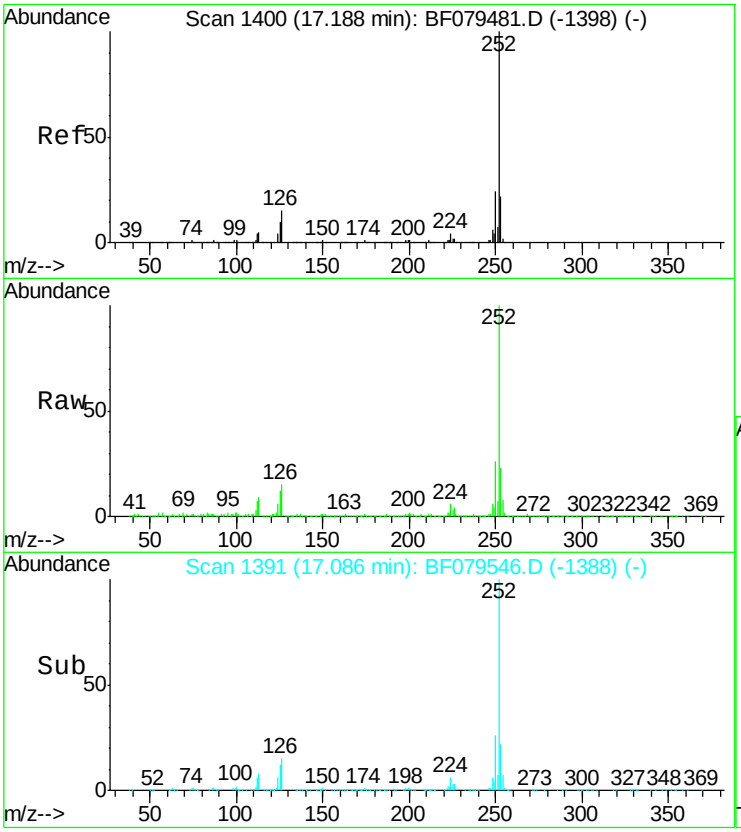


#87
Benzo(b)fluoranthene
Concen: 84.71 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.11 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:252 Resp: 1425689

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	12.3	7.8	11.6#



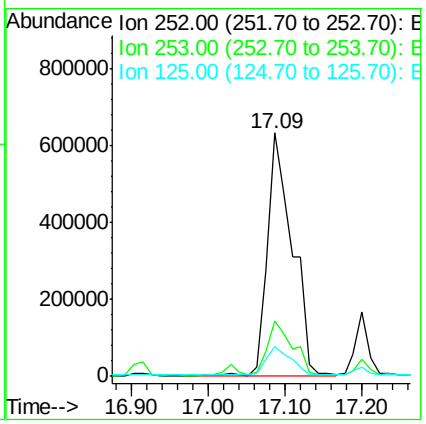


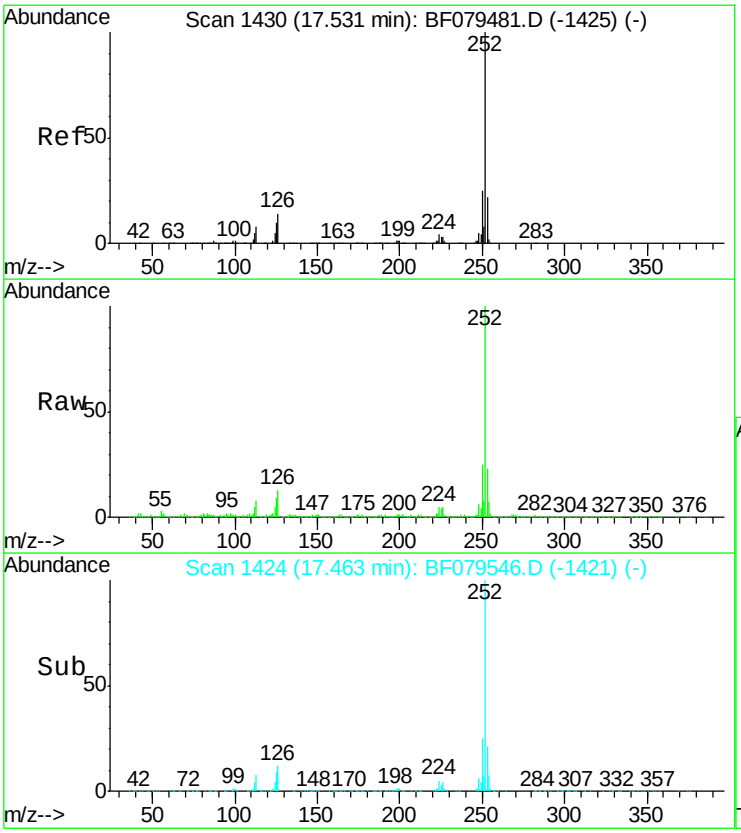
#88
Benzo(k)fluoranthene
Concen: 94.73 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.15 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:252 Resp: 1425689

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.3	6.8	10.2#

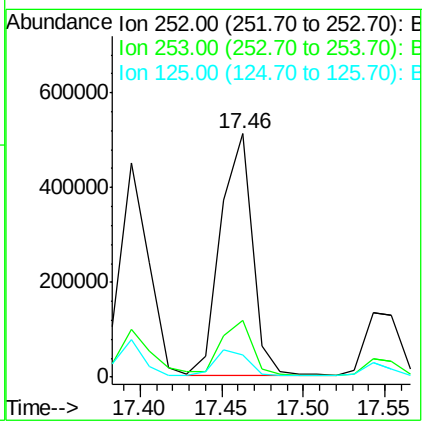


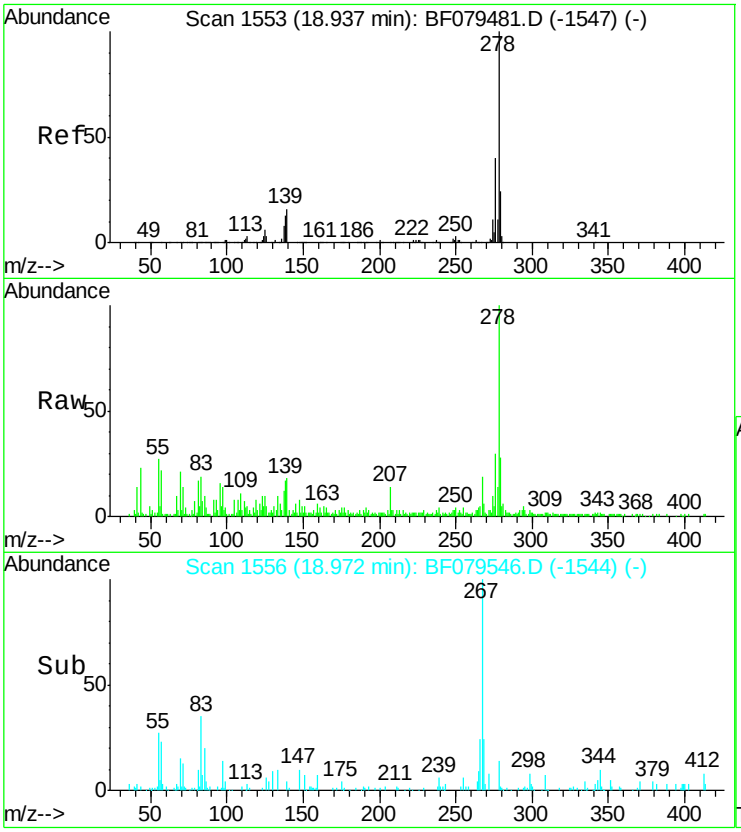


#89
Benzo(a)pyrene
Concen: 46.46 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.15 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:252 Resp: 684821

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	9.3	7.9	11.9



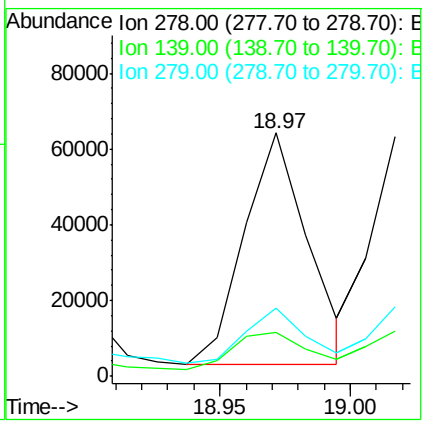


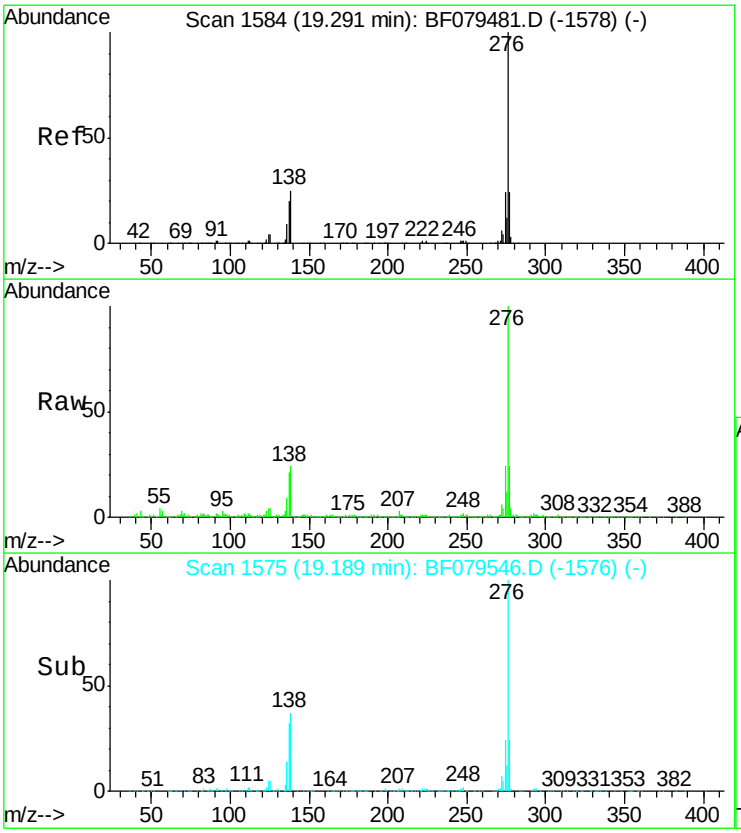
#90
Dibenzo(a,h)anthracene
Concen: 5.43 ng
RT: 18.97 min Scan# 1556
Delta R.T. -0.07 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Instrument :
BNA_G
ClientSampleId :
TP-3-SS

Tgt Ion:278 Resp: 104529

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	28.2	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 35.10 ng
RT: 19.19 min Scan# 1575
Delta R.T. -0.22 min
Lab File: BF079546.D
Acq: 28 May 2015 16:06

Tgt Ion:276 Resp: 540308

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	24.1	20.1	30.1