Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079532.D
Acq On : 27 May 2015 21:54
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-28D

Quant Time: May 28 00:58:39 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 00:48:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	75328	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	311234	20.00	ng		0.00
38) Acenaphthene-d10	10.74	164	154334	20.00	ng		0.00
63) Phenanthrene-d10	12.58	188	286661	20.00	ng		0.00
75) Chrysene-d12	15.86	240	307351	20.00	ng		-0.08
86) Perylene-d12	17.54	264	325937	20.00	ng		-0.34
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	369136	85.00	ng		0.00
7) Phenol-d6	6.59	99	514284	92.90	ng		0.00
23) Nitrobenzene-d5	7.70	82	299147	55.56	ng		0.00
41) 2,4,6-Tribromophenol	11.73	330	152564	90.00	ng		-0.01
44) 2-Fluorobiphenyl	9.93	172	548784	50.73	ng		0.00
78) Terphenyl-d14	14.57	244	546692	41.74	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	10.43	163	41515	3.65	ng		99
51) Acenaphthene	10.79	154	27898	3.09	ng		97
55) 4-Nitrophenol	11.00	139	8960	5.47	ng	#	12
57) Fluorene	11.43	166	36390	3.31	ng		98
70) Phenanthrene	12.61	178	516918	32.87	ng		99
71) Anthracene	12.67	178	149698	9.38	ng		100
72) Carbazole	12.89	167	36601	2.38	ng		98
73) Di-n-butylphthalate	13.34	149	4630	Below Cal		#	34
74) Fluoranthene	14.08	202	772168	45.79	ng		93
77) Pyrene	14.37	202	723222	37.98	ng		99
80) Benzo(a)anthracene	15.85	228	472073	26.70	ng		99
82) Chrysene	15.90	228	318664	18.96	ng		98
85) Indeno(1,2,3-cd)pyrene	19.23	276	239244	11.07	ng		96
87) Benzo(b)fluoranthene	17.12	252	658833	35.44	ng		97
88) Benzo(k)fluoranthene	17.12	252	660105	39.71	ng	#	95
89) Benzo(a)pyrene	17.49	252	381262	22.42	ng		99
91) Benzo(g,h,i)perylene	19.23	276	239244	12.62	ng		96

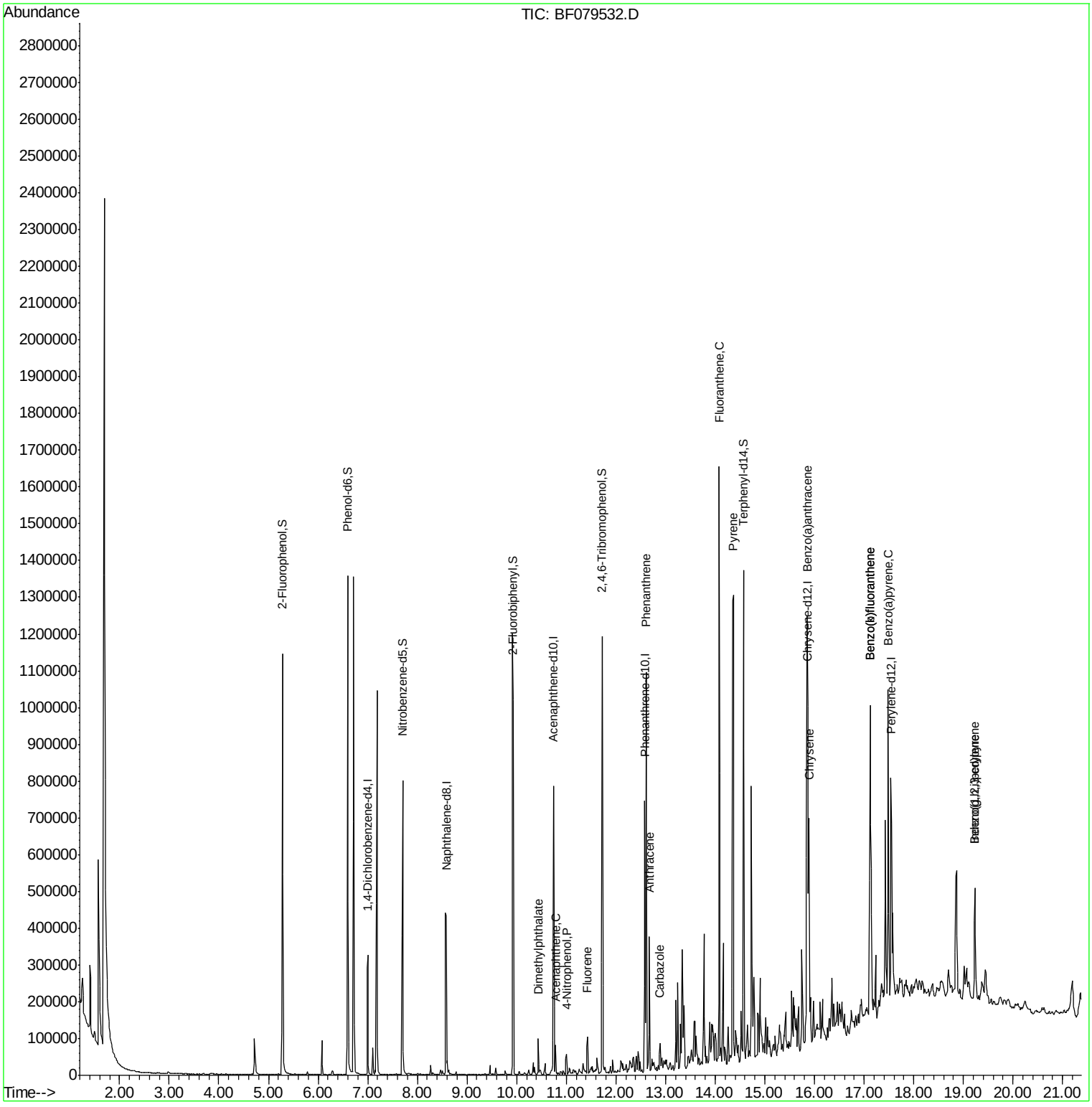
(#) = qualifier out of range (m) = manual integration (+) = signals summed

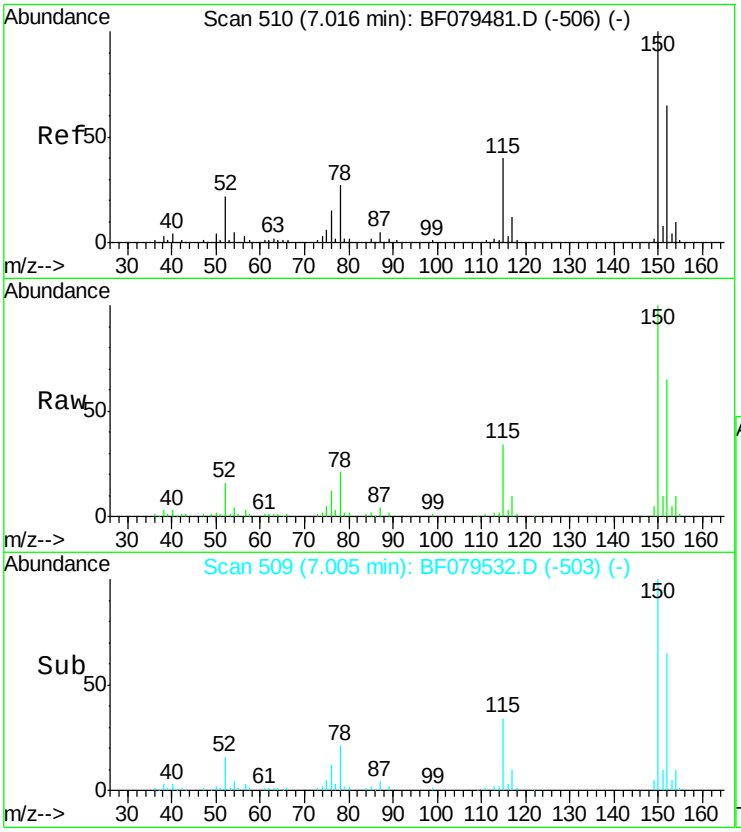
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079532.D
Acq On : 27 May 2015 21:54
Operator : TP/IZ
Sample : G2359-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-28D

Quant Time: May 28 00:58:39 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 00:48:25 2015
Response via : Initial Calibration



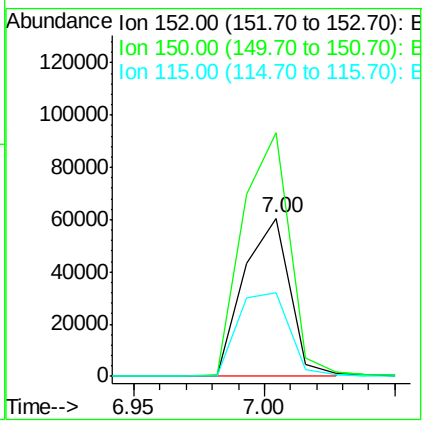


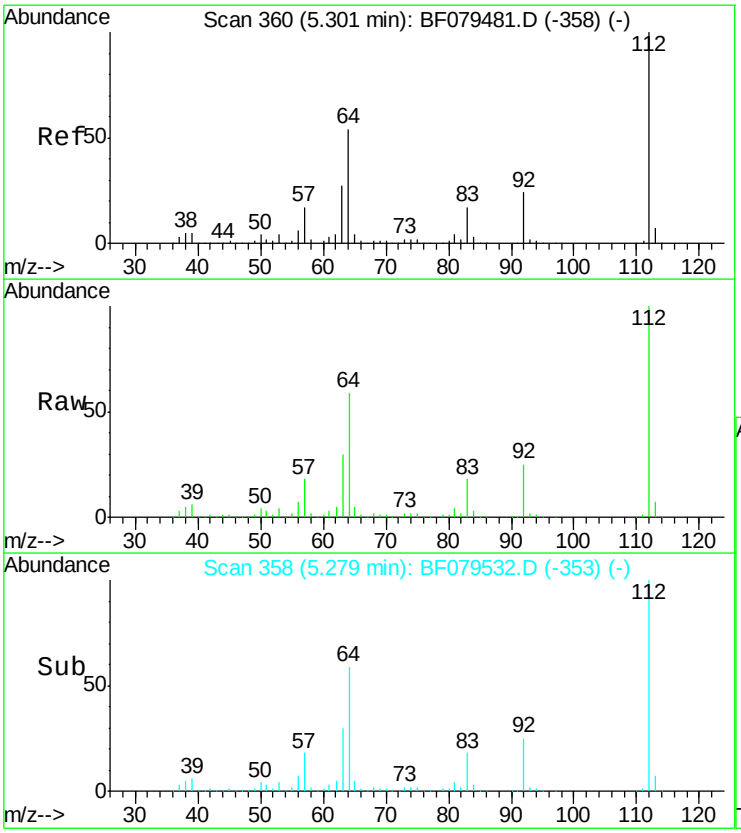
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:152 Resp: 75328

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.0	186.0
115	52.7	49.6	74.4

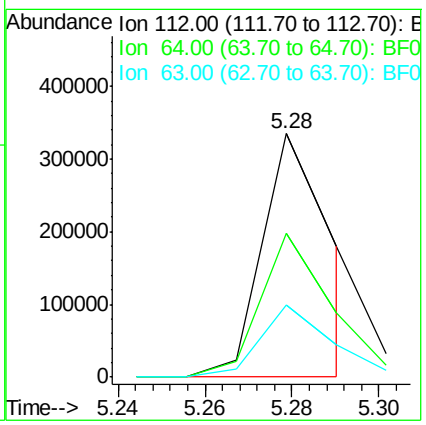


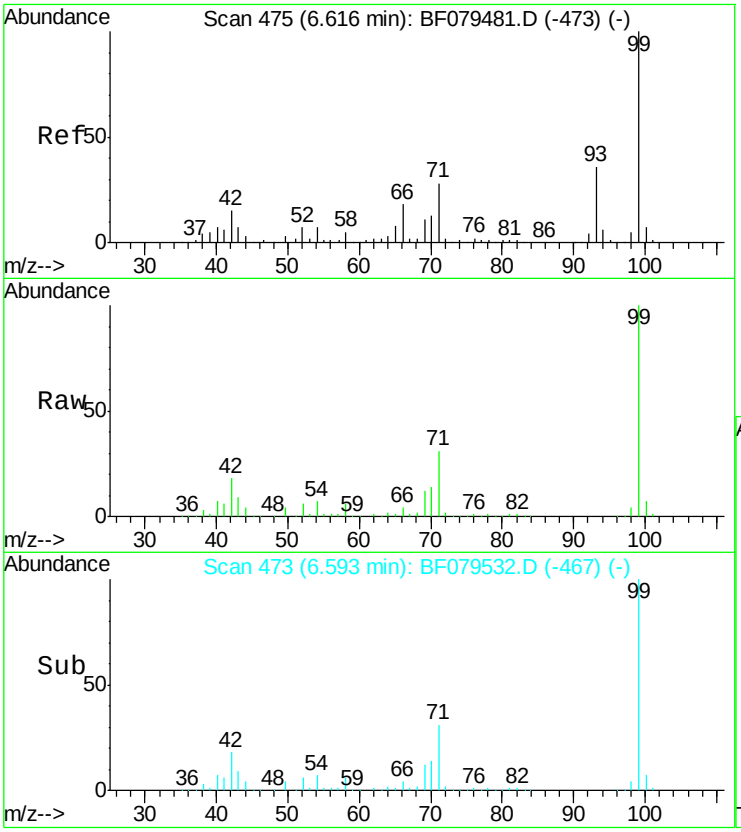


#5
2-Fluorophenol
Concen: 85.00 ng
RT: 5.28 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:112 Resp: 369136

Ion	Ratio	Lower	Upper
112	100		
64	59.2	43.5	65.3
63	29.9	21.8	32.8



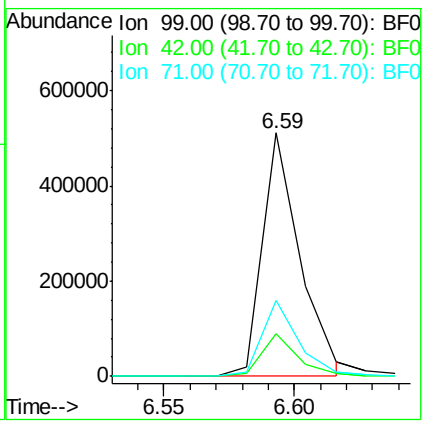


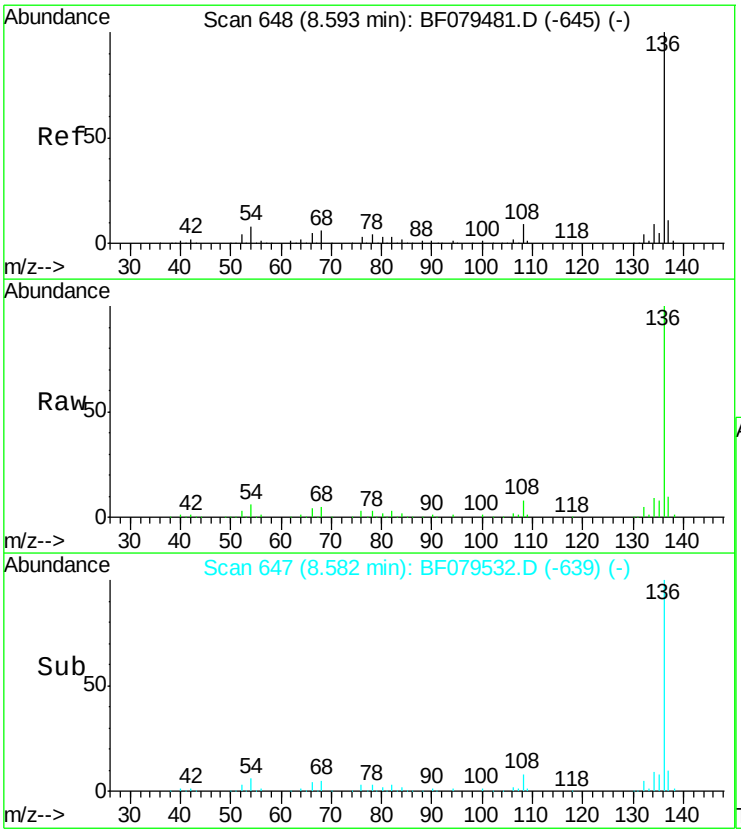
#7
Phenol-d6
Concen: 92.90 ng
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion: 99 Resp: 514284

Ion	Ratio	Lower	Upper
99	100		
42	17.5	11.9	17.9
71	31.3	22.1	33.1

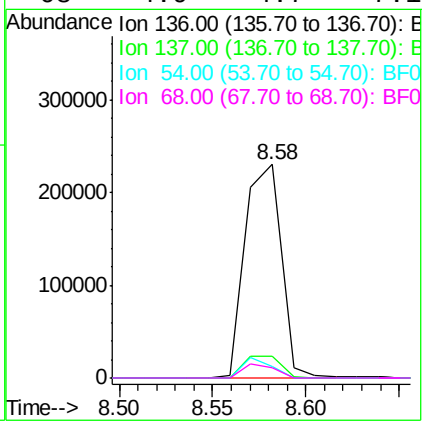


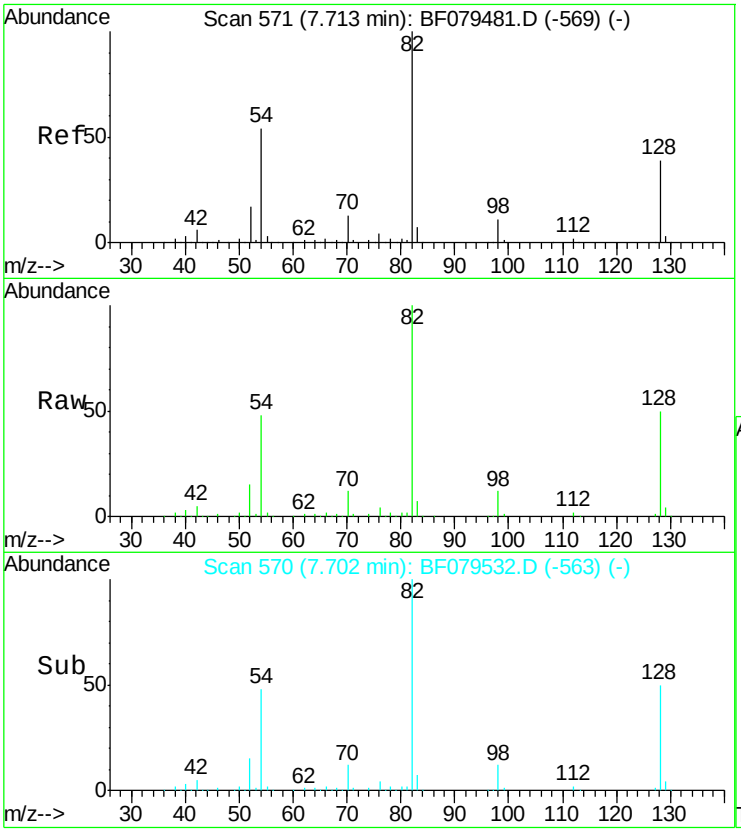


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:136 Resp: 311234

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	5.7	6.6	9.8#
68	4.9	4.7	7.1



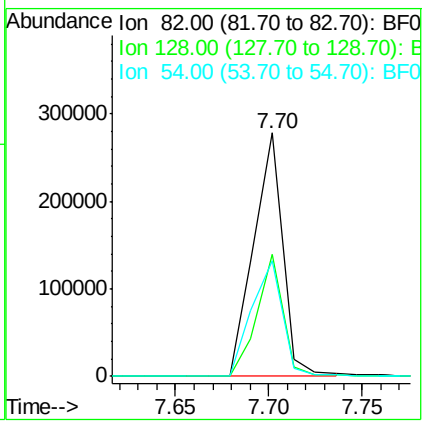


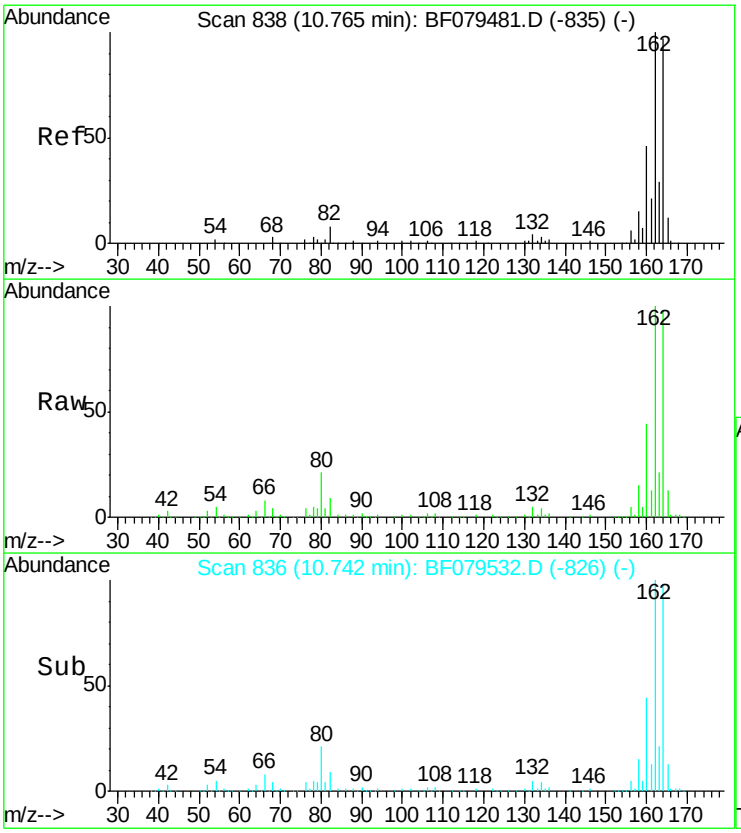
#23
Nitrobenzene-d5
Concen: 55.56 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion: 82 Resp: 299147

Ion	Ratio	Lower	Upper
82	100		
128	50.1	30.8	46.2#
54	47.6	42.8	64.2

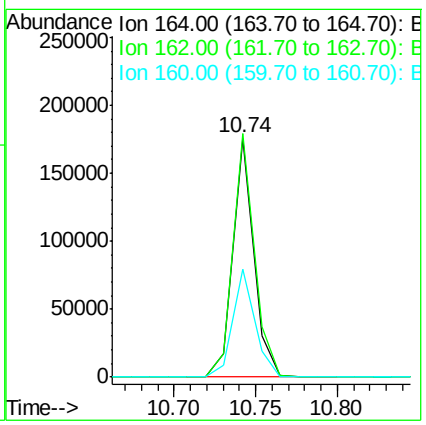


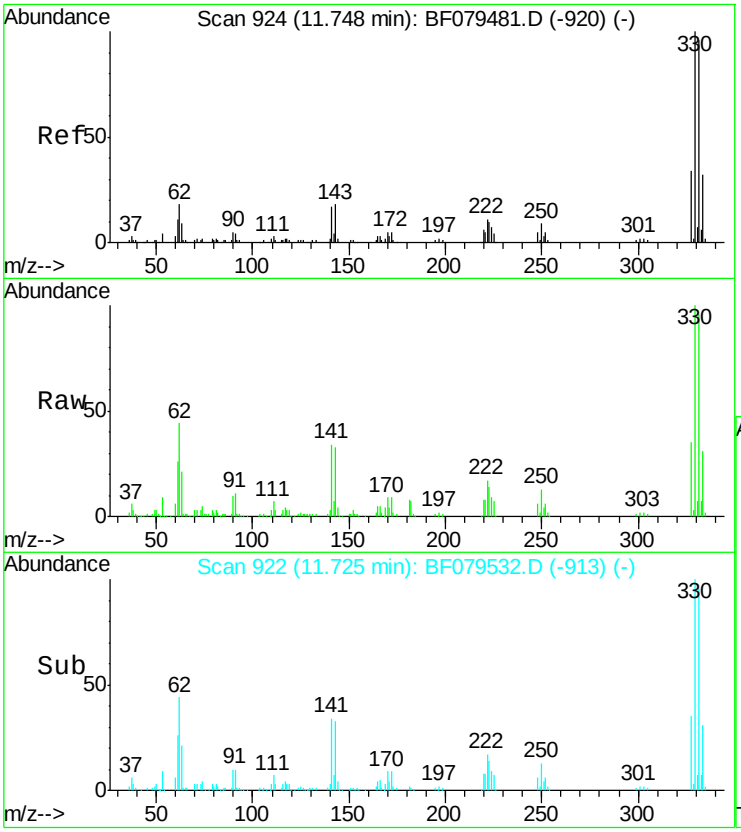


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:164 Resp: 154334

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.2	37.7	56.5



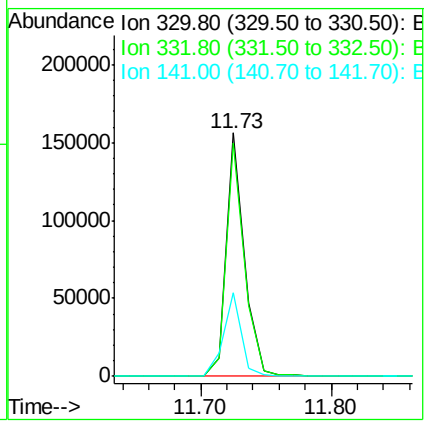


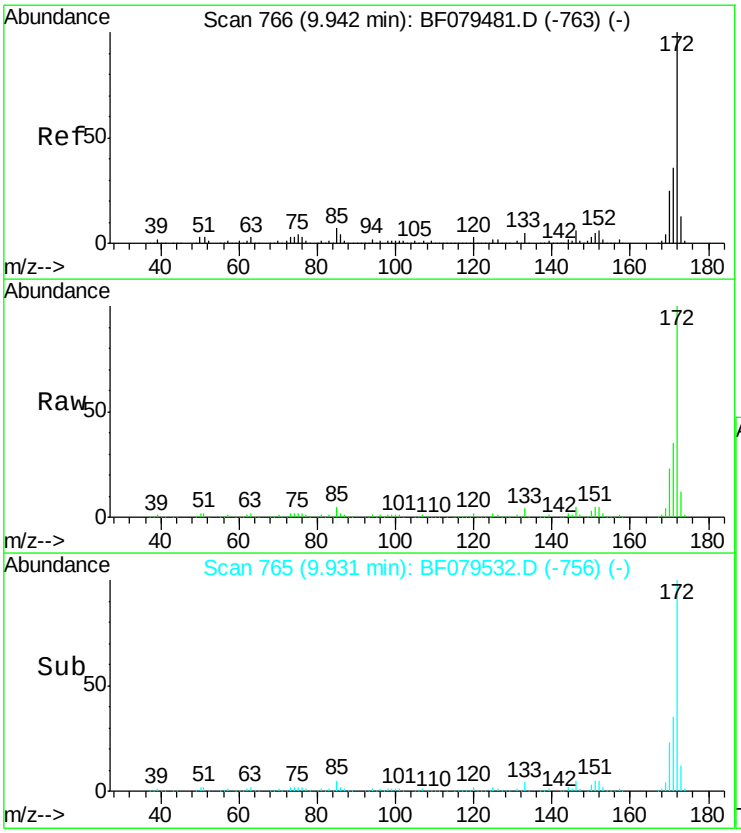
#41
2,4,6-Tribromophenol
Concen: 90.00 ng
RT: 11.73 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:330 Resp: 152564

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.8	0.0	0.0#

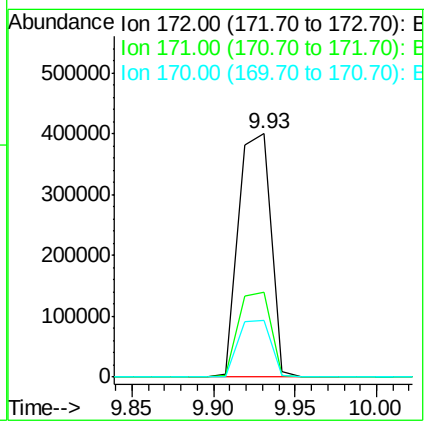


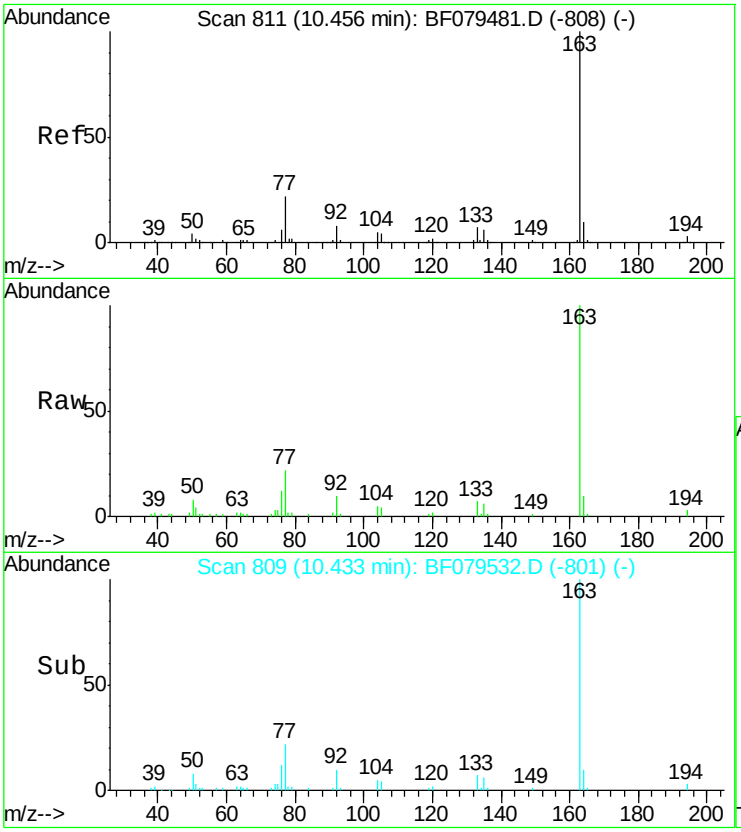


#44
2-Fluorobiphenyl
Concen: 50.73 ng
RT: 9.93 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:172 Resp: 548784

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.5	19.7	29.5



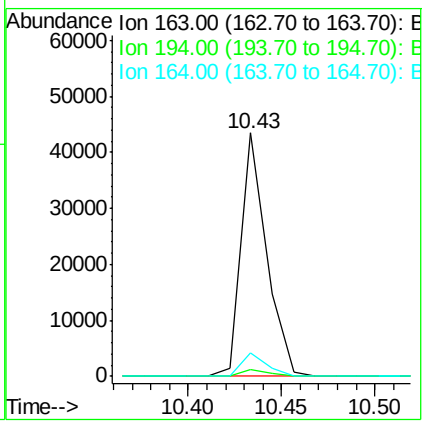


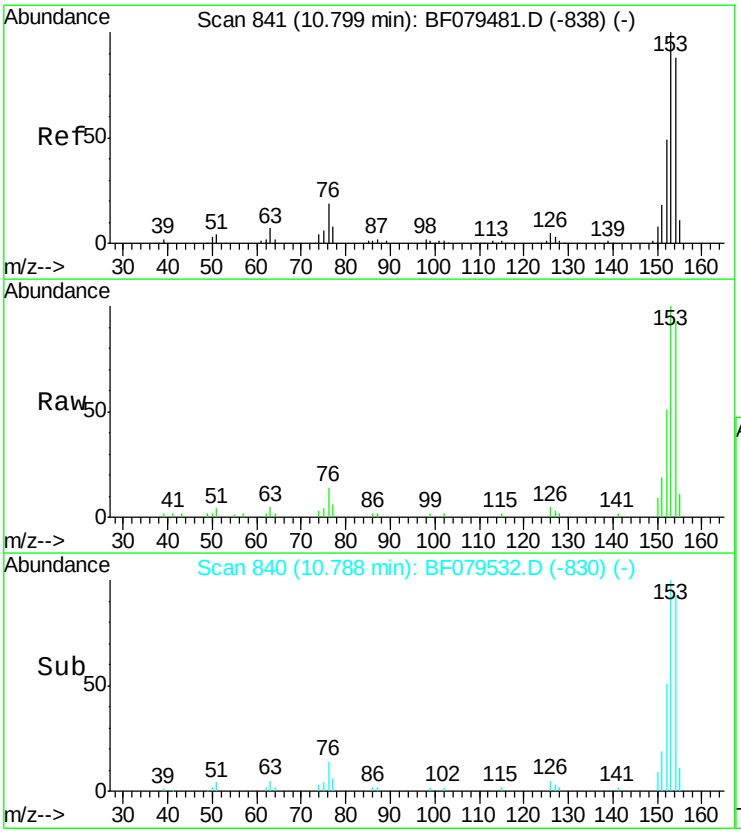
#49
Dimethylphthalate
Concen: 3.65 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:163 Resp: 41515

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	9.7	8.2	12.4

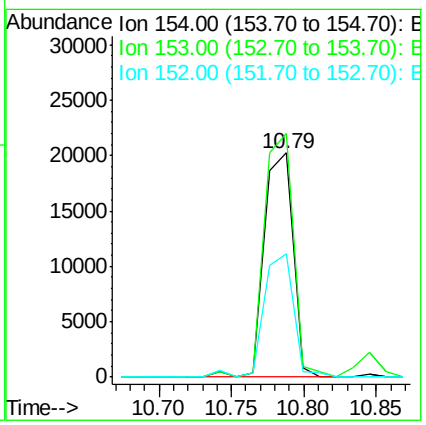


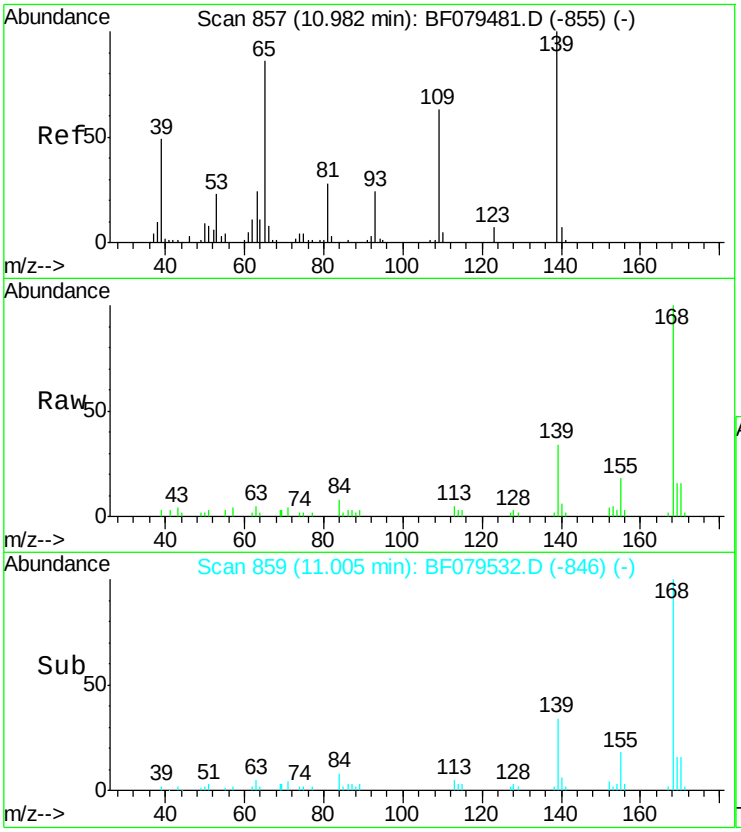


#51
Acenaphthene
Concen: 3.09 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:154 Resp: 27898

Ion	Ratio	Lower	Upper
154	100		
153	108.8	91.1	136.7
152	55.1	44.6	66.8



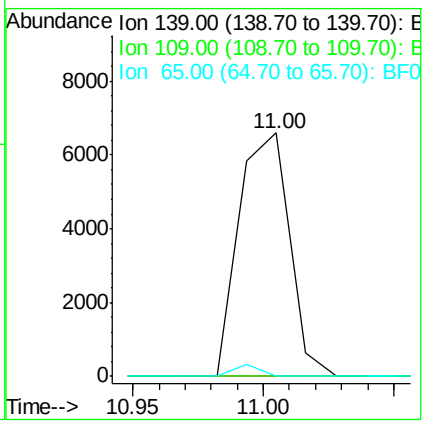


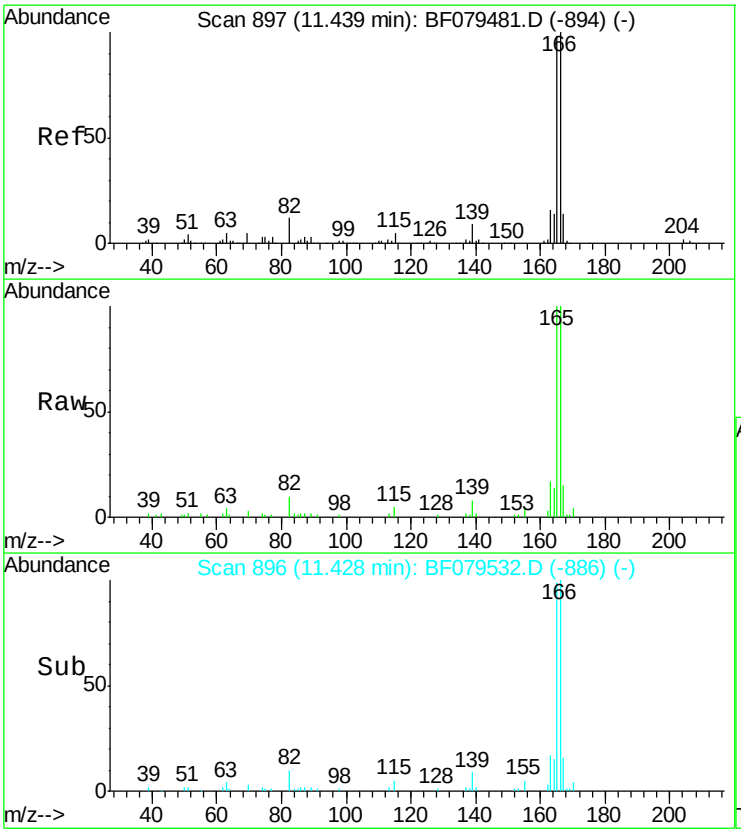
#55
4-Nitrophenol
Concen: 5.47 ng
RT: 11.00 min Scan# 859
Delta R.T. 0.03 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:139 Resp: 8960

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.3	106.3#

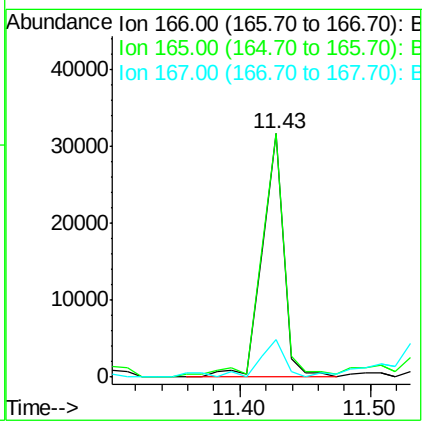


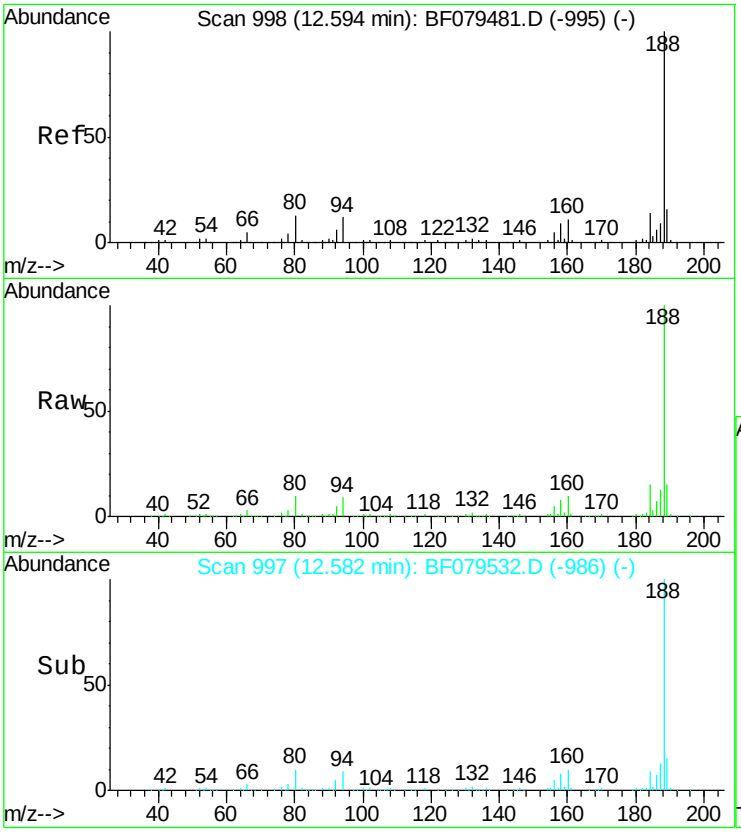


#57
Fluorene
Concen: 3.31 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:166 Resp: 36390

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	15.4	10.8	16.2



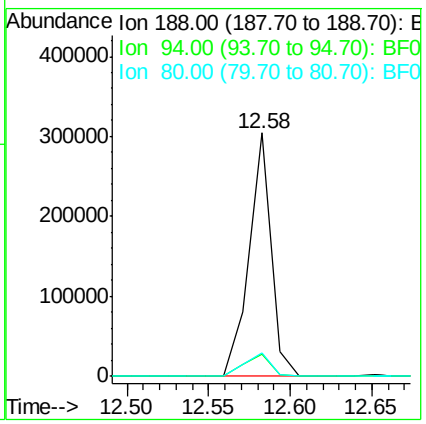


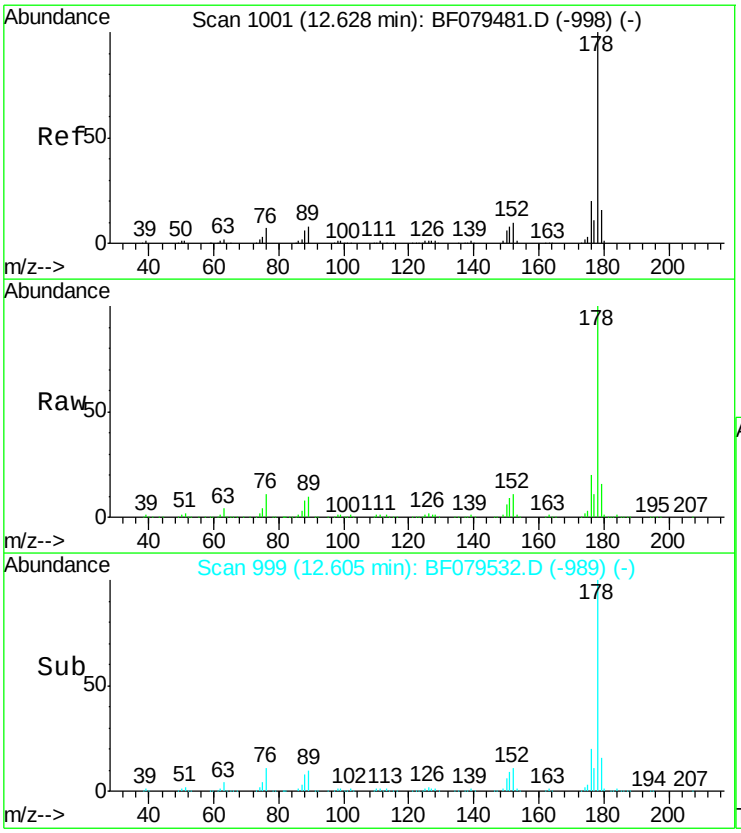
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:188 Resp: 286661

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.8	14.6#
80	9.6	10.5	15.7#

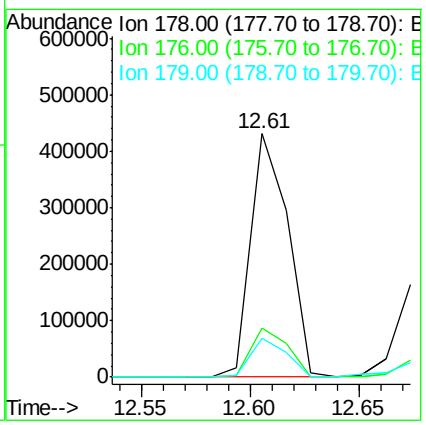


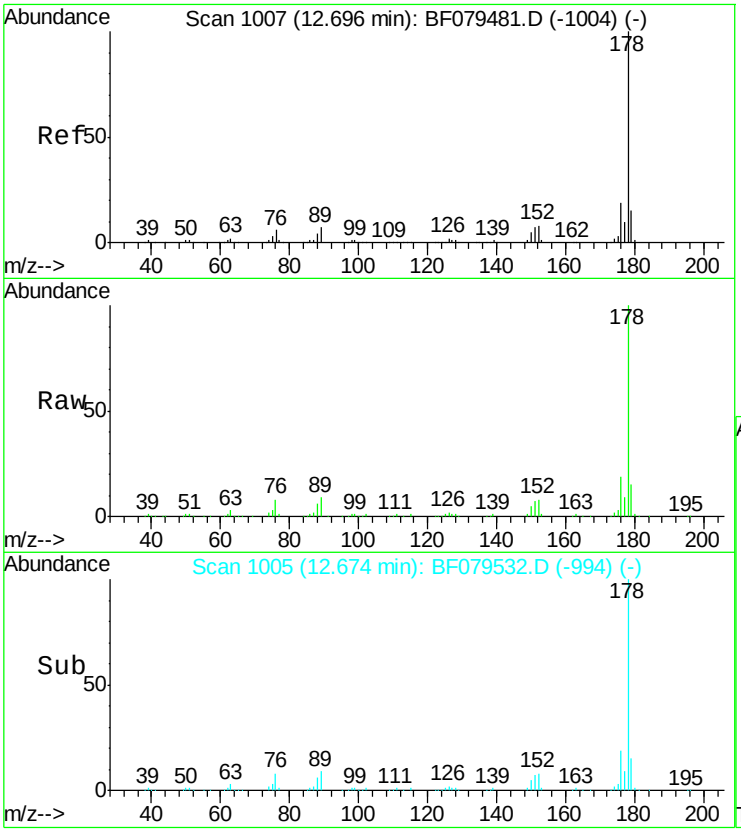


#70
Phenanthrene
Concen: 32.87 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:178 Resp: 516918

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.9	12.4	18.6



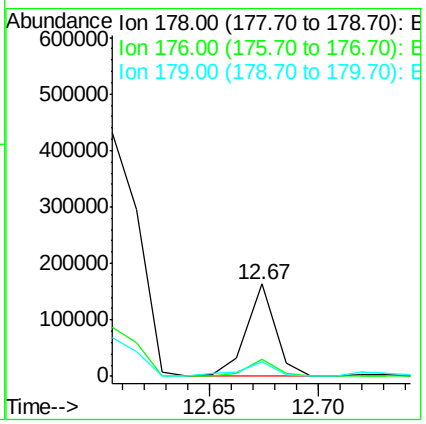


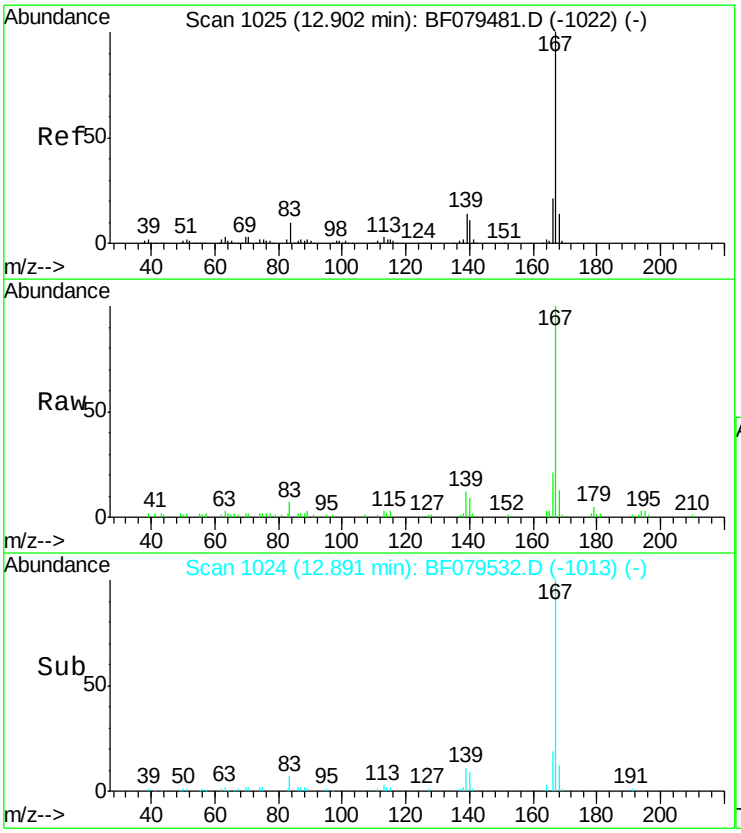
#71
Anthracene
Concen: 9.38 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:178 Resp: 149698

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.2	18.4

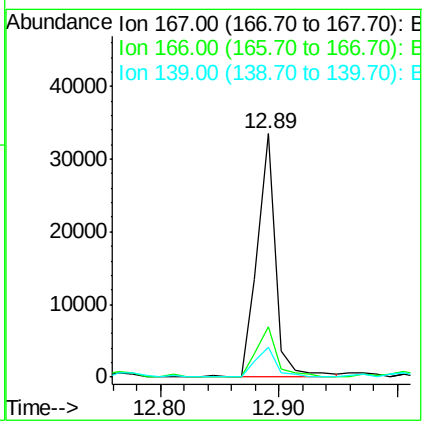


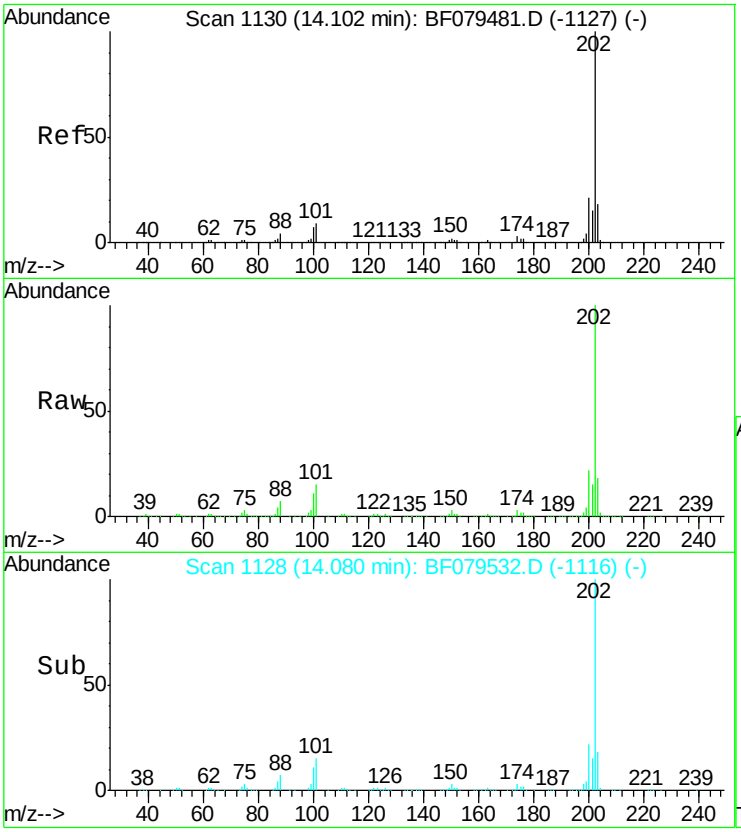


#72
Carbazole
Concen: 2.38 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:167 Resp: 36601

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.4
139	12.0	11.2	16.8



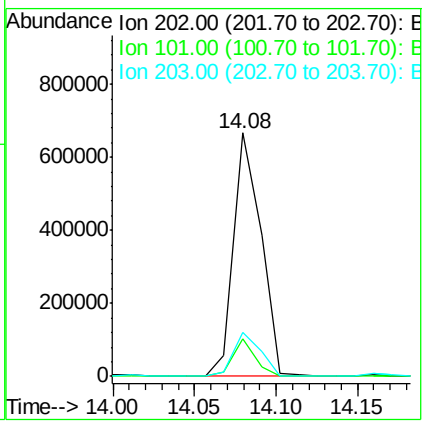


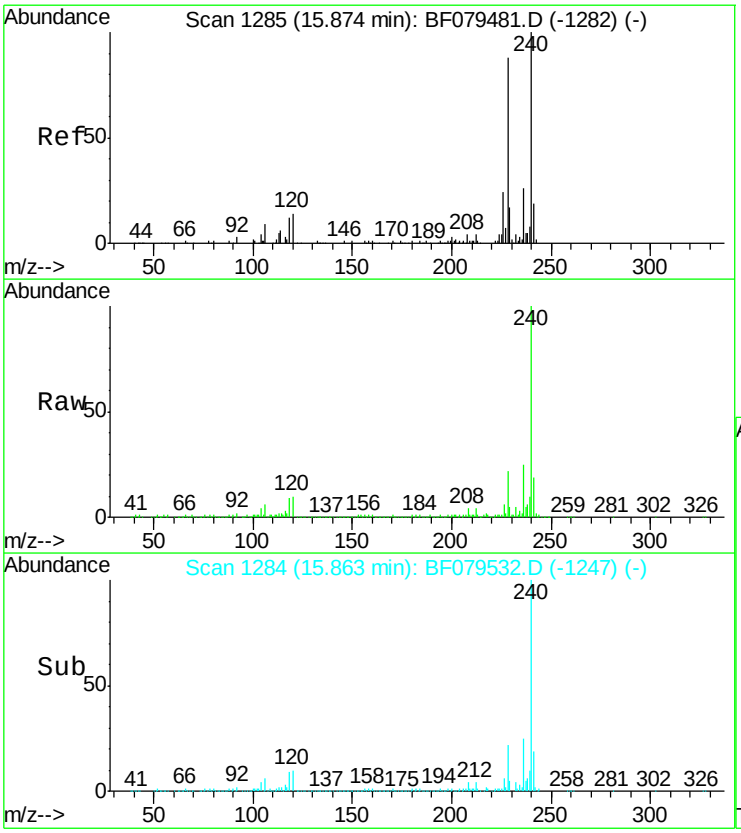
#74
Fluoranthene
Concen: 45.79 ng
RT: 14.08 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:202 Resp: 772168

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	29.3
203	18.2	0.0	37.6

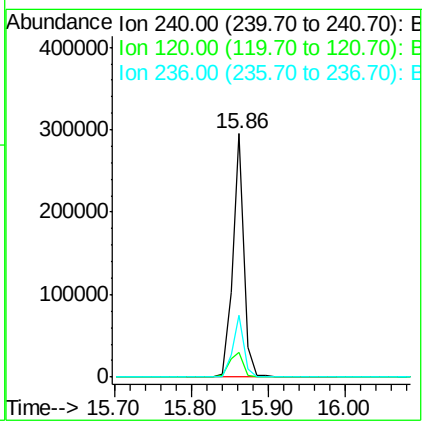


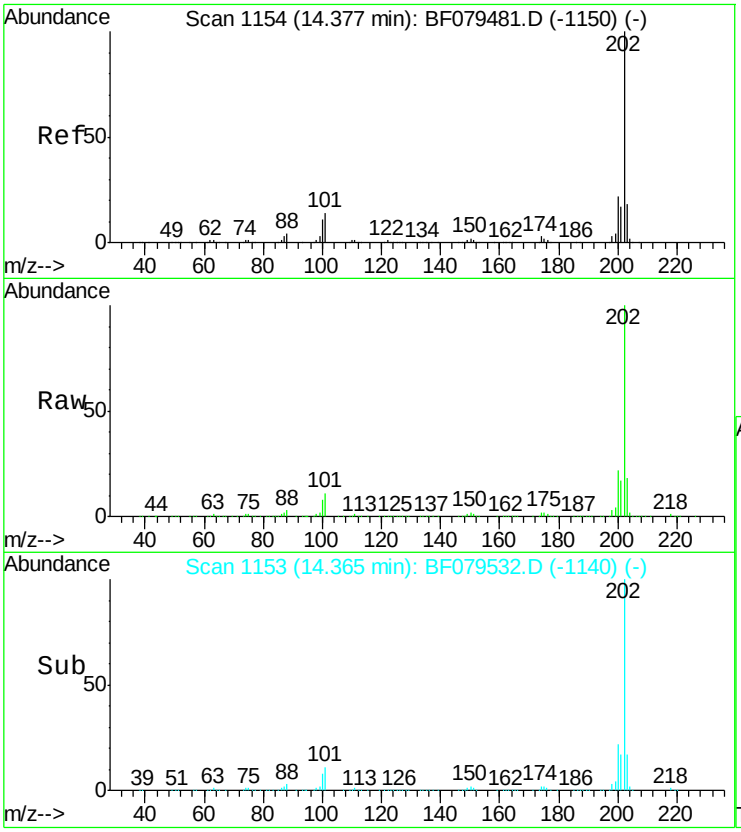


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.08 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:240 Resp: 307351

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.8	16.2#
236	25.2	21.0	31.6



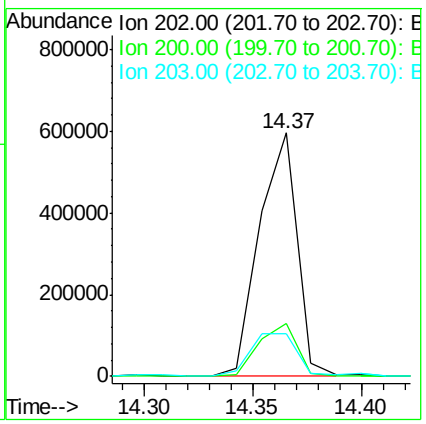


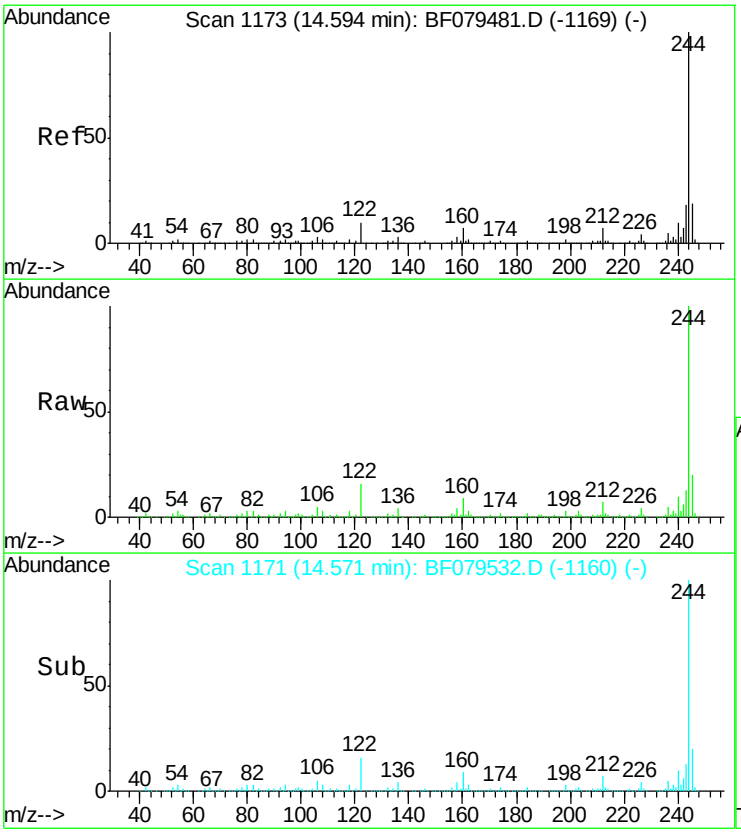
#77
Pyrene
Concen: 37.98 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:202 Resp: 723222

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	17.6	14.4	21.6

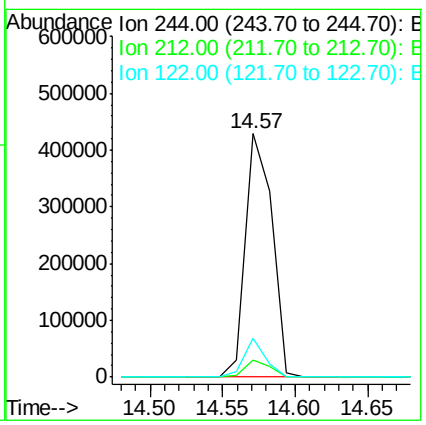


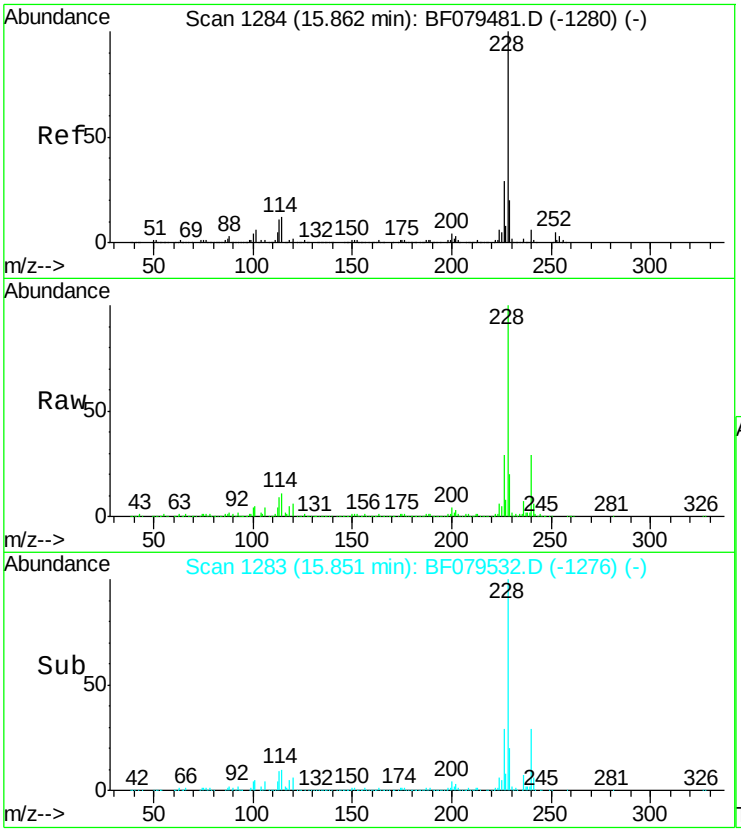


#78
Terphenyl-d14
Concen: 41.74 ng
RT: 14.57 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:244 Resp: 546692

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	15.9	8.0	12.0#



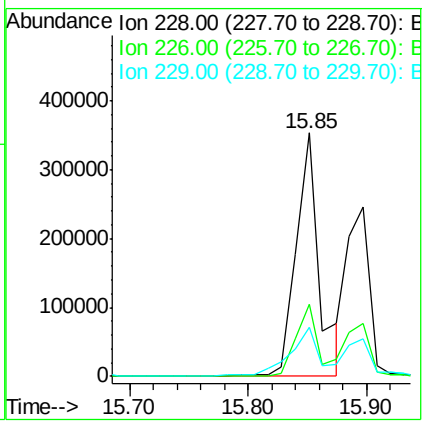


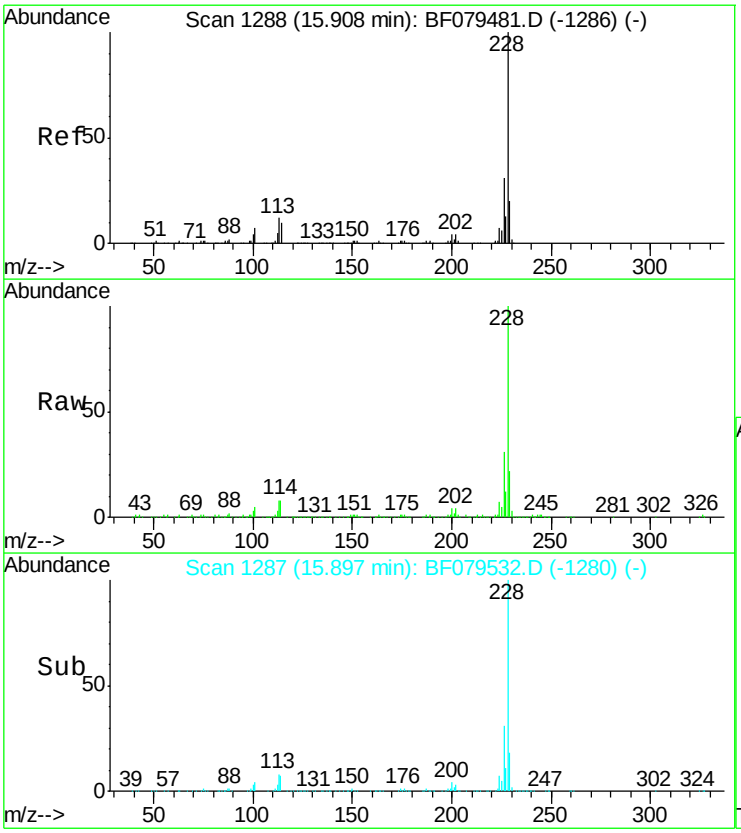
#80
Benzo(a)anthracene
Concen: 26.70 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.08 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:228 Resp: 472073

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	20.2	15.9	23.9

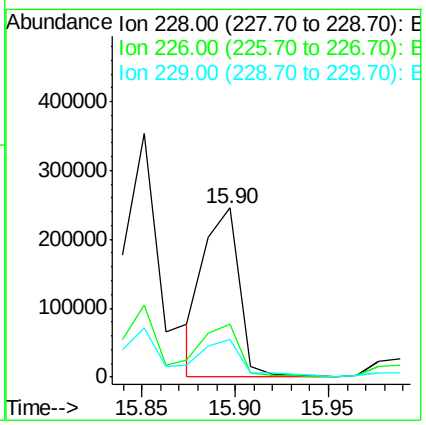


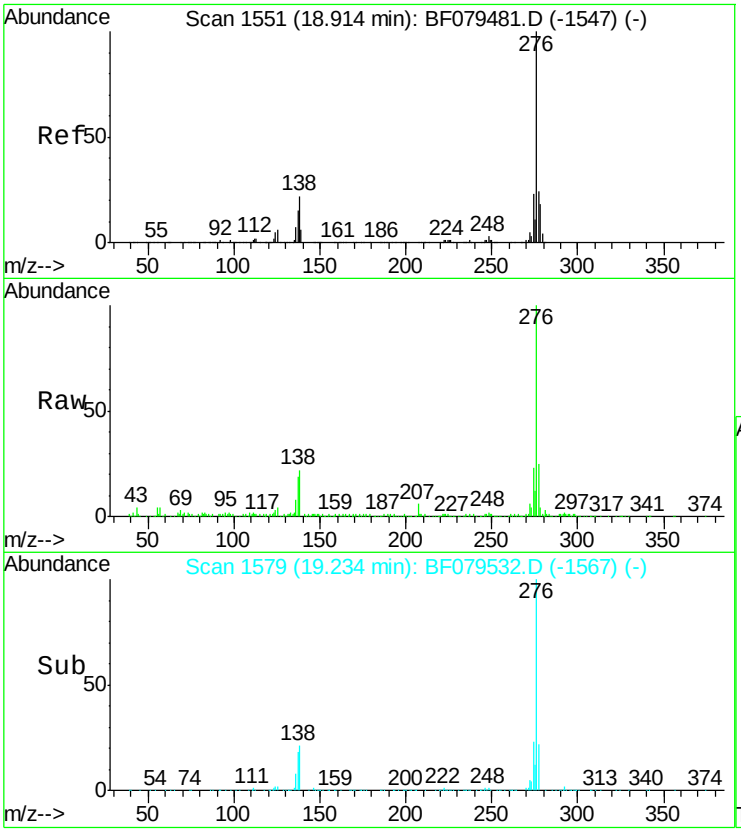


#82
Chrysene
Concen: 18.96 ng
RT: 15.90 min Scan# 1287
Delta R.T. -0.08 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:228 Resp: 318664

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	22.3	15.9	23.9



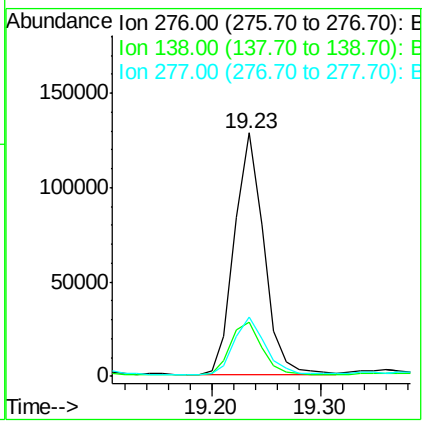


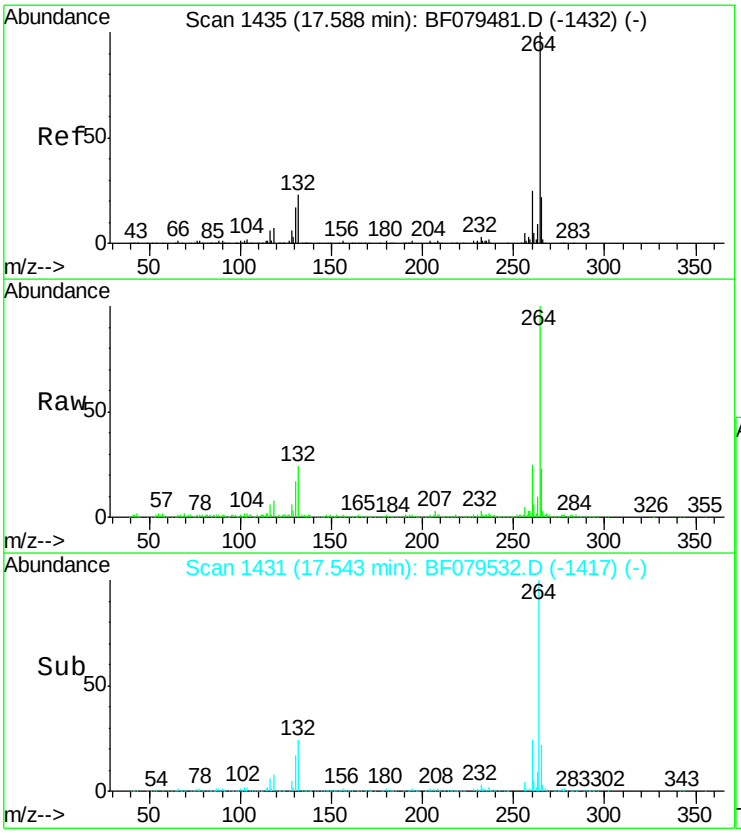
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.07 ng
RT: 19.23 min Scan# 1579
Delta R.T. -0.07 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:276 Resp: 239244

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.4	32.2
277	25.5	19.8	29.6

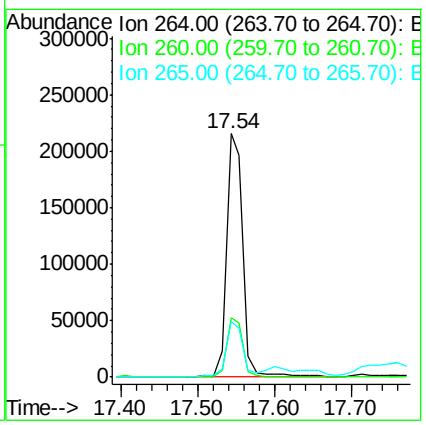


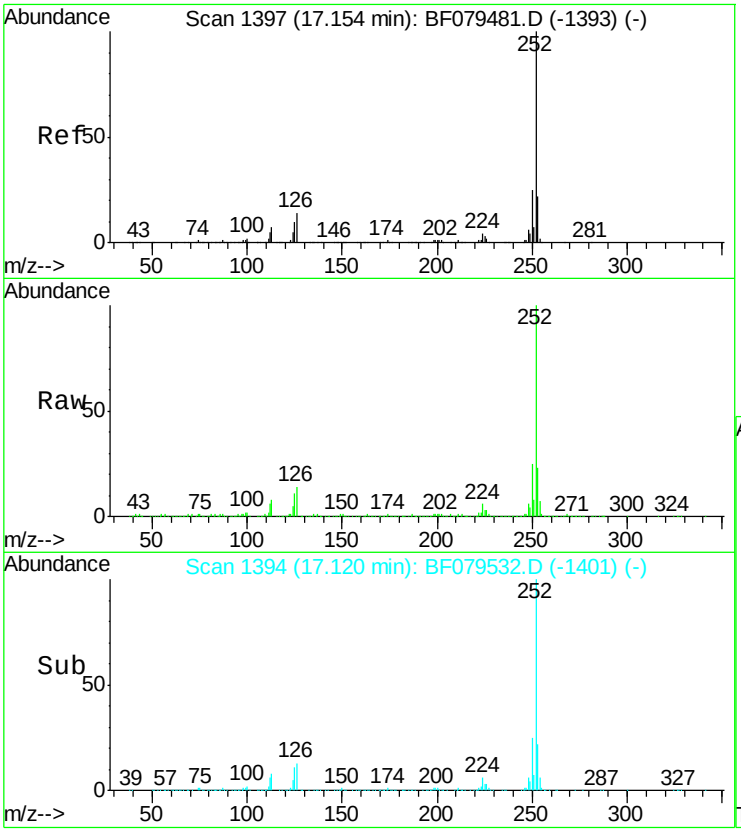


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.34 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:264 Resp: 325937

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.5	17.8	26.6



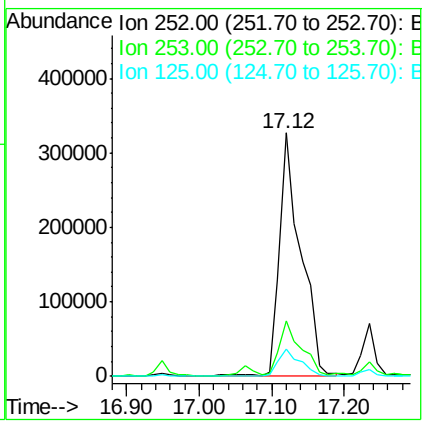


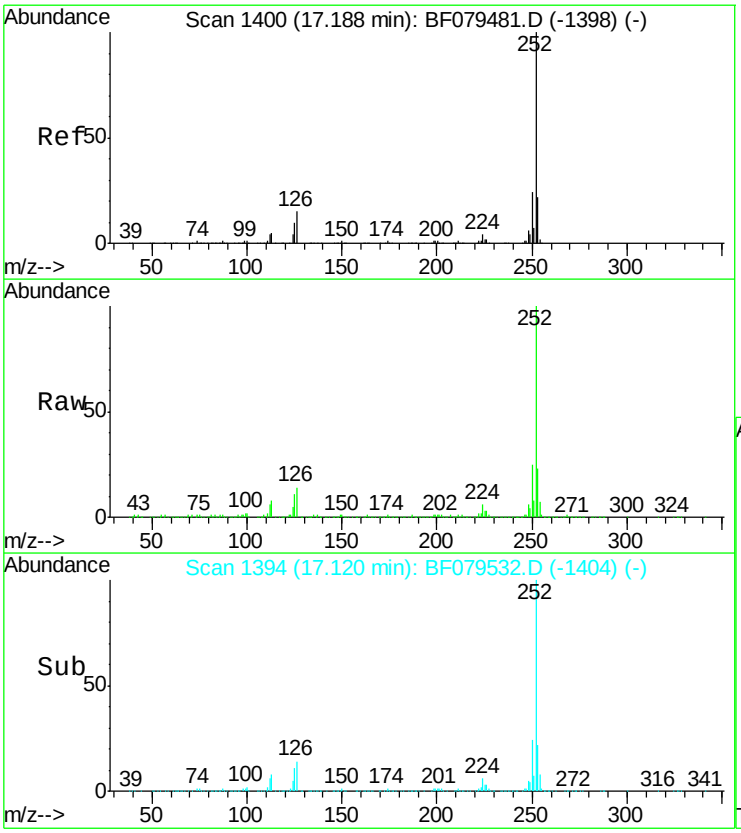
#87
Benzo(b)fluoranthene
Concen: 35.44 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.26 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:252 Resp: 658833

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	11.3	7.8	11.6

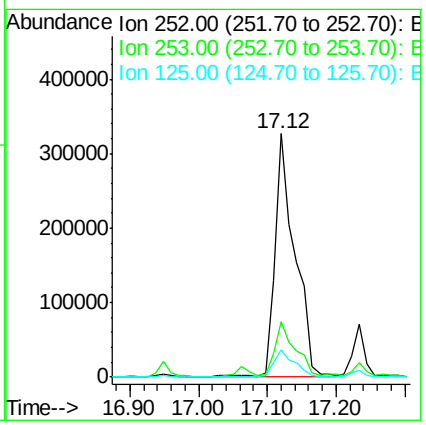


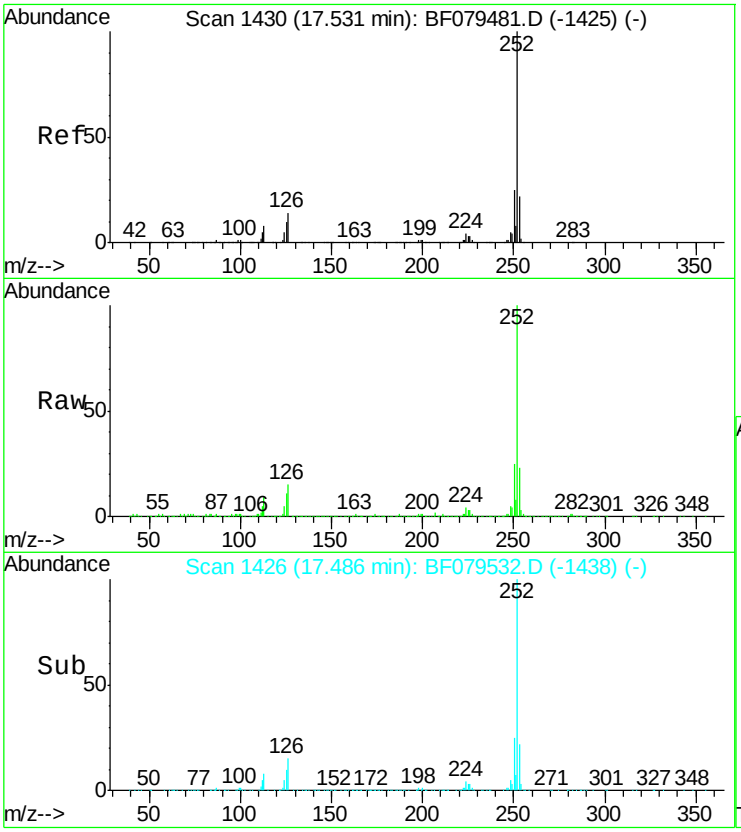


#88
Benzo(k)fluoranthene
Concen: 39.71 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.30 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:252 Resp: 660105

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.3	6.8	10.2#



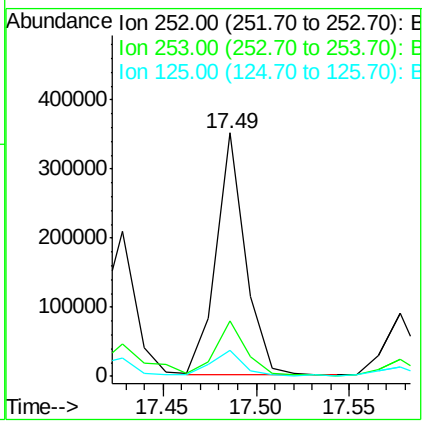


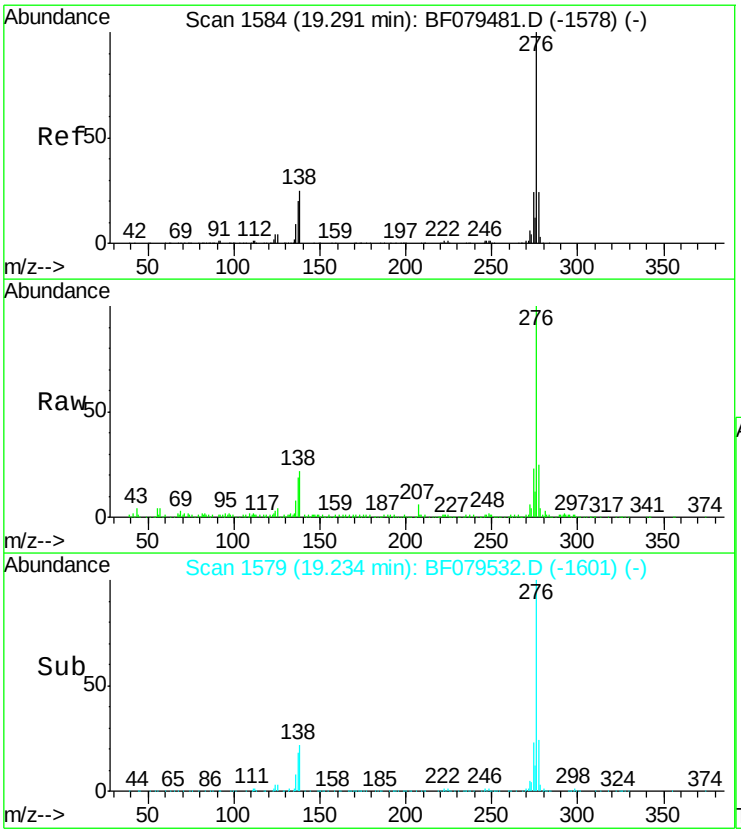
#89
Benzo(a)pyrene
Concen: 22.42 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.32 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Instrument :
BNA_F
ClientSampleId :
SB-28D

Tgt Ion:252 Resp: 381262

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.7	7.9	11.9





#91
Benzo(g,h,i)perylene
Concen: 12.62 ng
RT: 19.23 min Scan# 1579
Delta R.T. -0.46 min
Lab File: BF079532.D
Acq: 27 May 2015 21:54

Tgt Ion:276 Resp: 239244

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	22.2	20.1	30.1