Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Time: May 15 01:12:48 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 00:55:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	50796	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	212288	20.00	ng		-0.01
38) Acenaphthene-d10	10.97	164	106031	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	203981	20.00	ng		-0.01
75) Chrysene-d12	16.49	240	6809	20.00	ng		-0.01
86) Perylene-d12	18.86	264	763	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	237929	80.63	ng		0.00
7) Phenol-d6	6.79	99	323747	83.00	ng		0.00
23) Nitrobenzene-d5	7.91	82	187857	50.86	ng		-0.01
41) 2,4,6-Tribromophenol	11.95	330	94613	82.48	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	334931	44.01	ng		-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
31) Naphthalene	8.82	128	50831	5.03	ng		98
37) 2-Methylnaphthalene	9.68	142	44142	6.30	ng		97
51) Acenaphthene	11.01	154	43596	6.77	ng		99
54) Dibenzofuran	11.22	168	28935	3.11	ng		93
57) Fluorene	11.65	166	62150	8.14	ng		100
70) Phenanthrene	12.85	178	604180	52.94	ng		99
71) Anthracene	12.90	178	160373	14.33	ng		98
72) Carbazole	13.11	167	35659	3.34	ng		98
74) Fluoranthene	14.32	202	737296	62.00	ng		99
76) Benzidine	14.50	184	743	4.05	ng	#	67
79) Butylbenzylphthalate	15.66	149	962	5.61	ng	#	51
81) 3,3'-Dichlorobenzidine	16.43	252	775	5.84	ng	#	55
83) Bis(2-ethylhexyl)phthalate	16.58	149	536	2.06	ng	#	15
84) Di-n-octyl phthalate	17.65	149	1823	3.98	ng	#	100
88) Benzo(k)fluoranthene	18.29	252	1088	26.91	ng	#	1
89) Benzo(a)pyrene	18.81	252	509	13.24	ng	#	1
90) Dibenzo(a,h)anthracene	20.66	278	162	3.96	ng	#	1
91) Benzo(g,h,i)perylene	21.07	276	108	2.64	ng	#	1

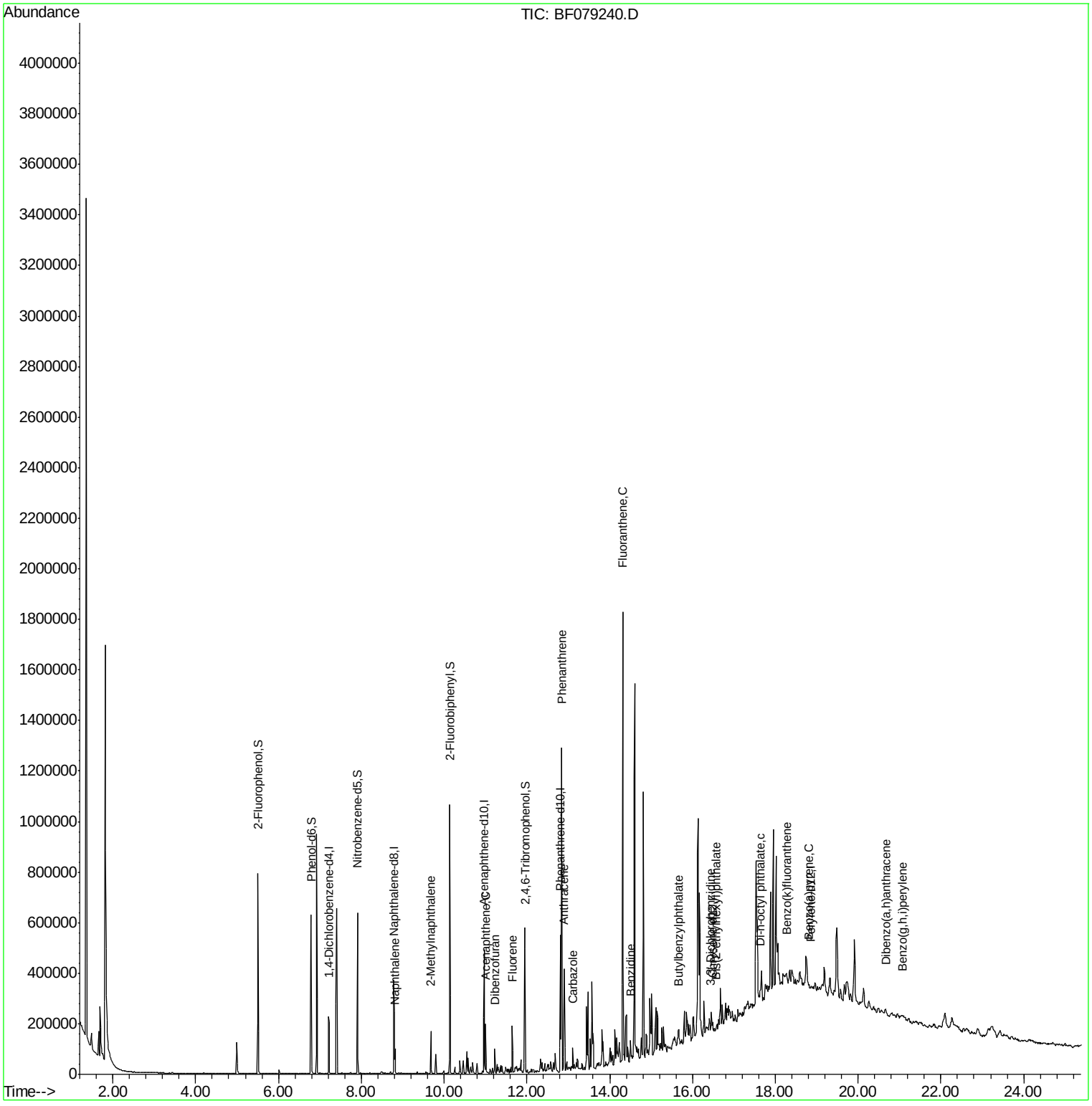
(#) = qualifier out of range (m) = manual integration (+) = signals summed

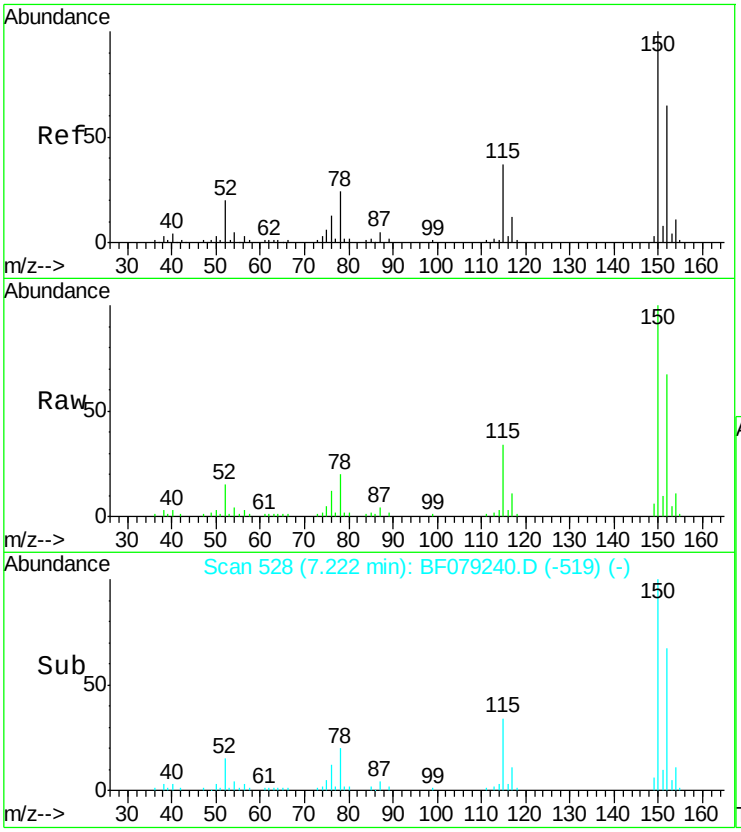
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-39D

Quant Time: May 15 01:12:48 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 00:55:32 2015
Response via : Initial Calibration



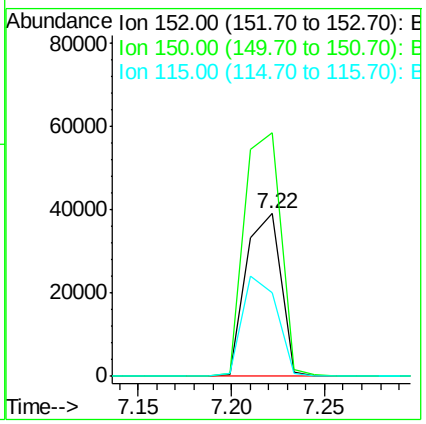


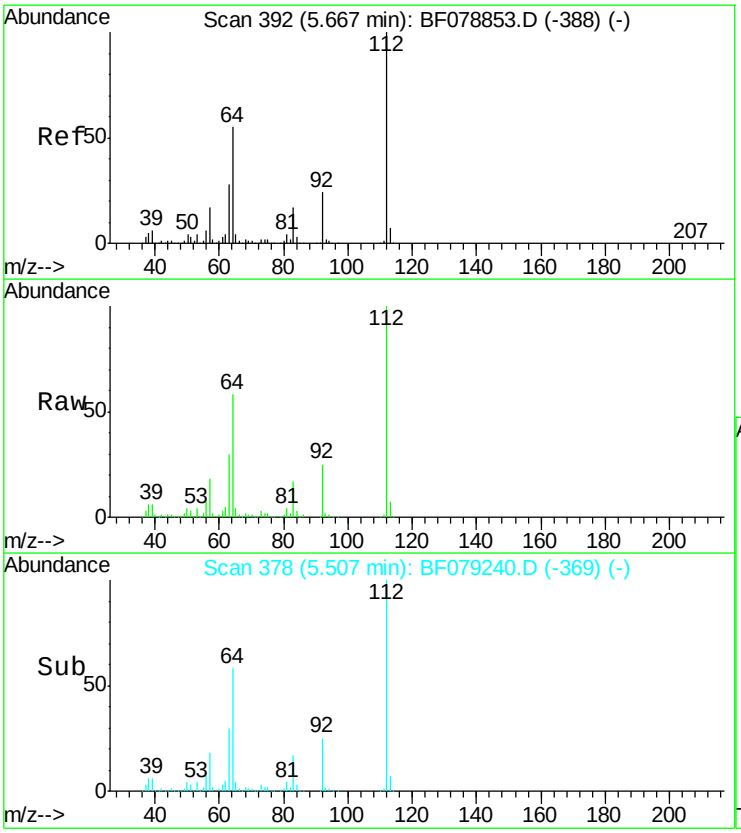
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:152 Resp: 50796

Ion	Ratio	Lower	Upper
152	100		
150	149.8	122.0	183.0
115	51.1	46.3	69.5

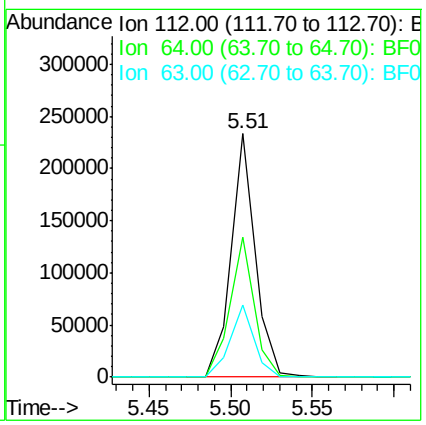


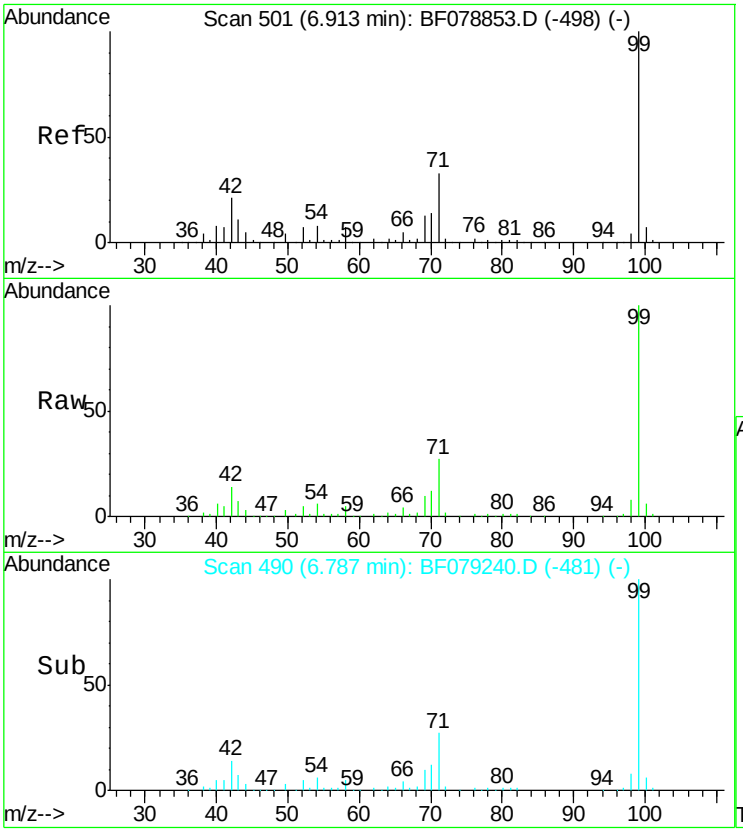


#5
2-Fluorophenol
Concen: 80.63 ng
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:112 Resp: 237929

Ion	Ratio	Lower	Upper
112	100		
64	57.5	53.5	80.3
63	29.7	27.5	41.3



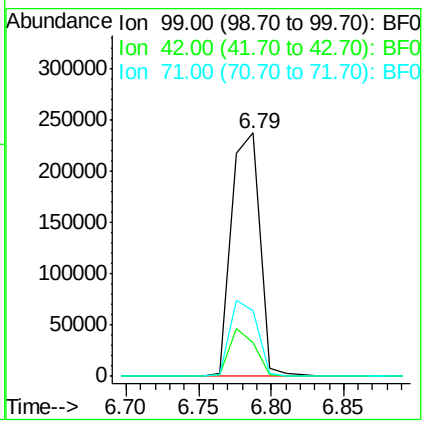


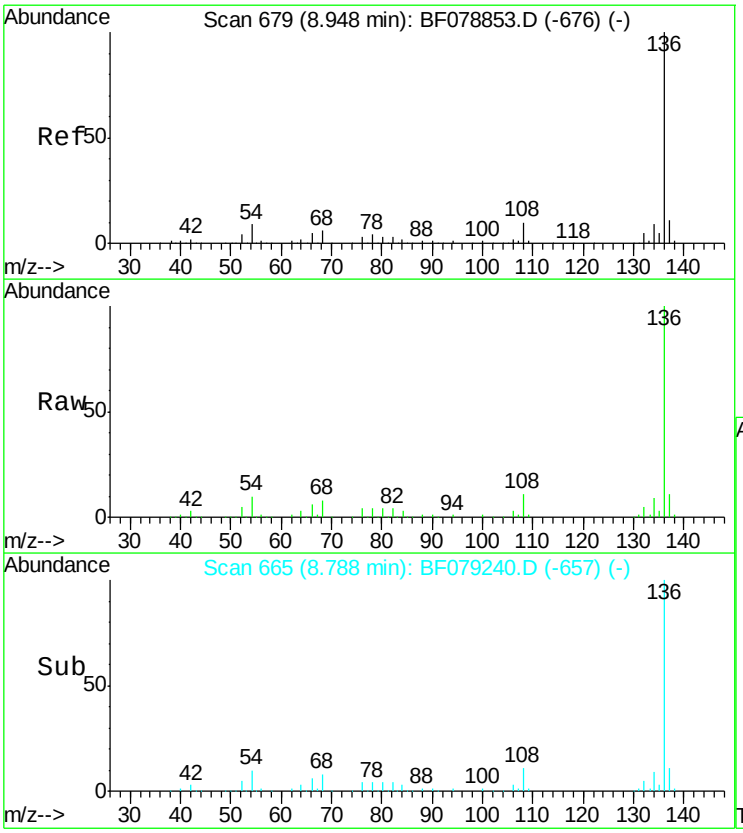
#7
Phenol-d6
Concen: 83.00 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion: 99 Resp: 323747

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.8	19.2
71	27.0	23.4	35.2

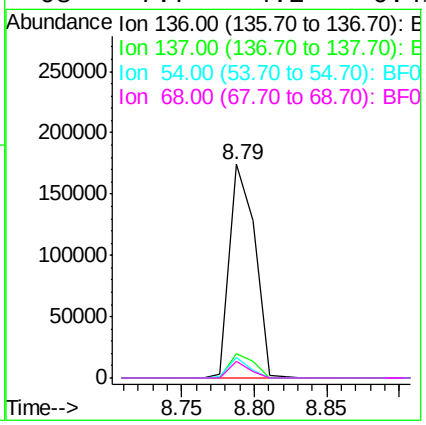


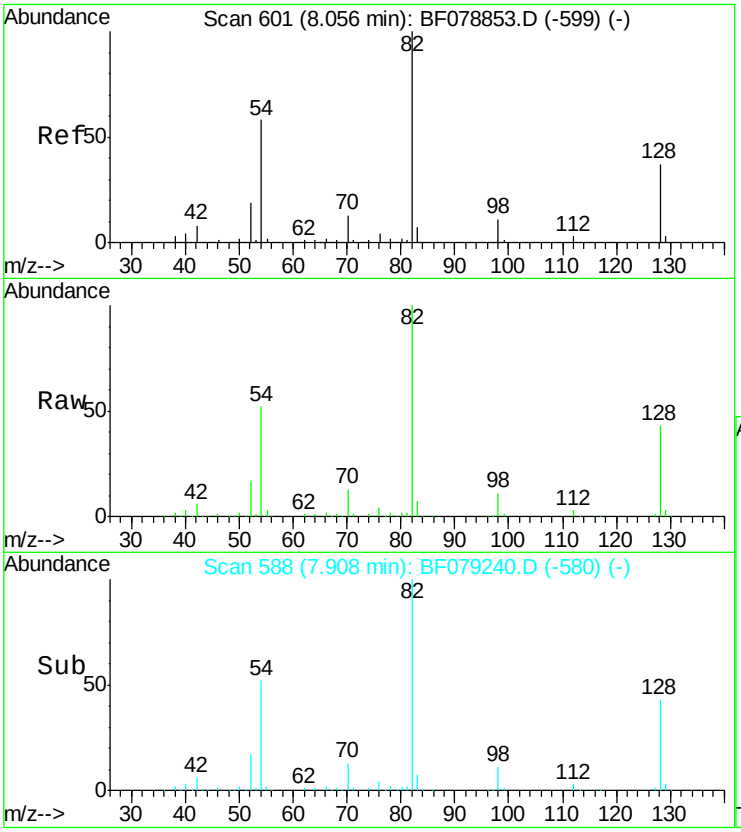


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:136 Resp: 212288

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.9	5.8	8.8#
68	7.7	4.2	6.4#



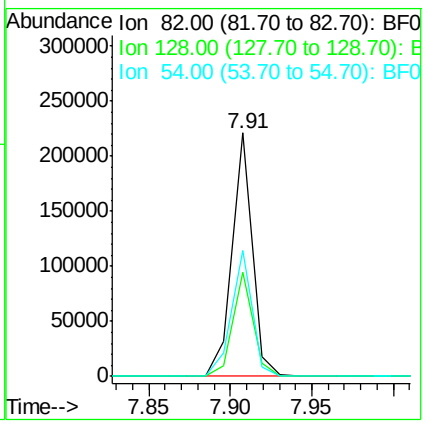


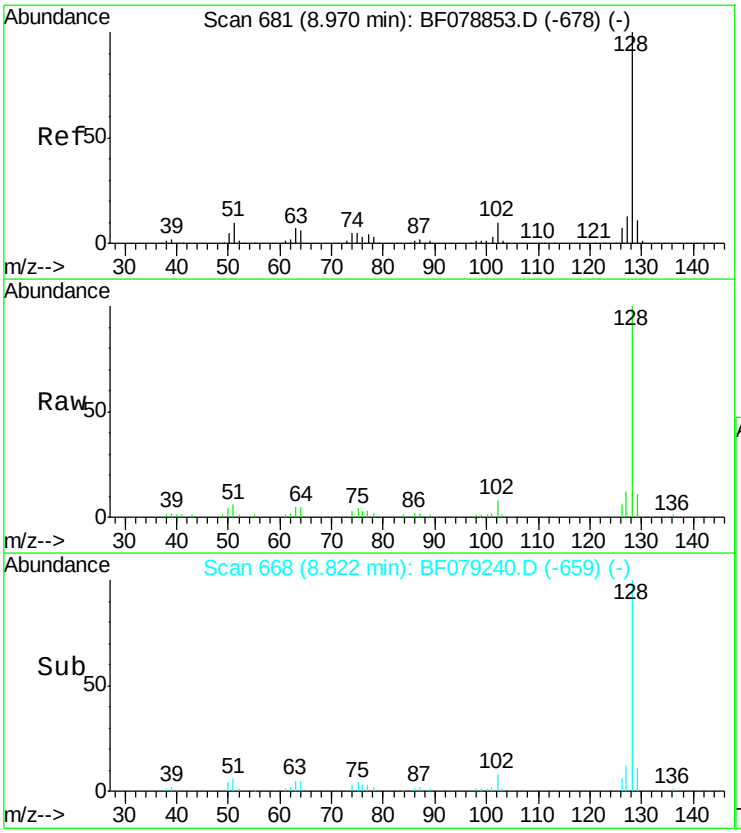
#23
Nitrobenzene-d5
Concen: 50.86 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion: 82 Resp: 187857

Ion	Ratio	Lower	Upper
82	100		
128	42.5	30.0	45.0
54	51.9	46.4	69.6

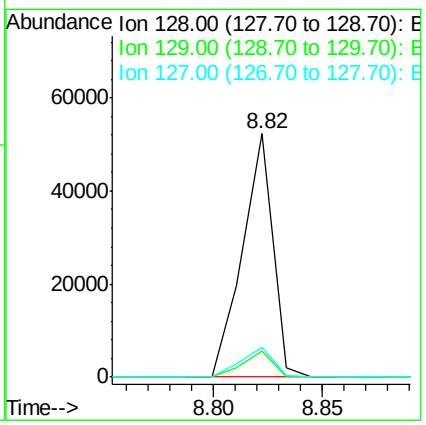


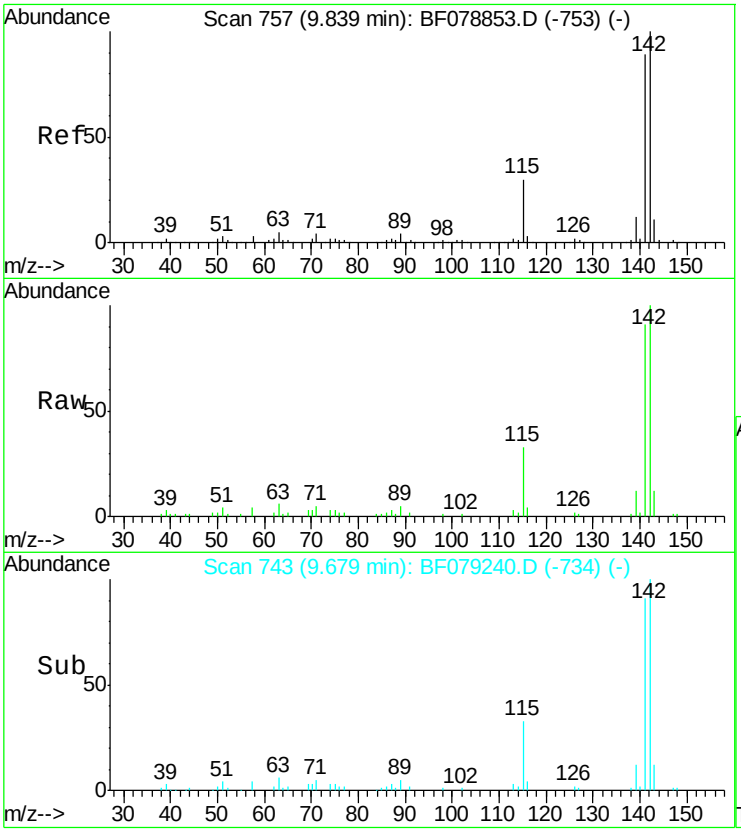


#31
Naphthalene
Concen: 5.03 ng
RT: 8.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:128 Resp: 50831

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.3	13.9
127	12.4	10.7	16.1



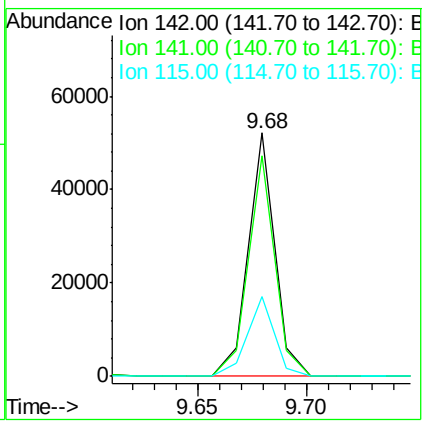


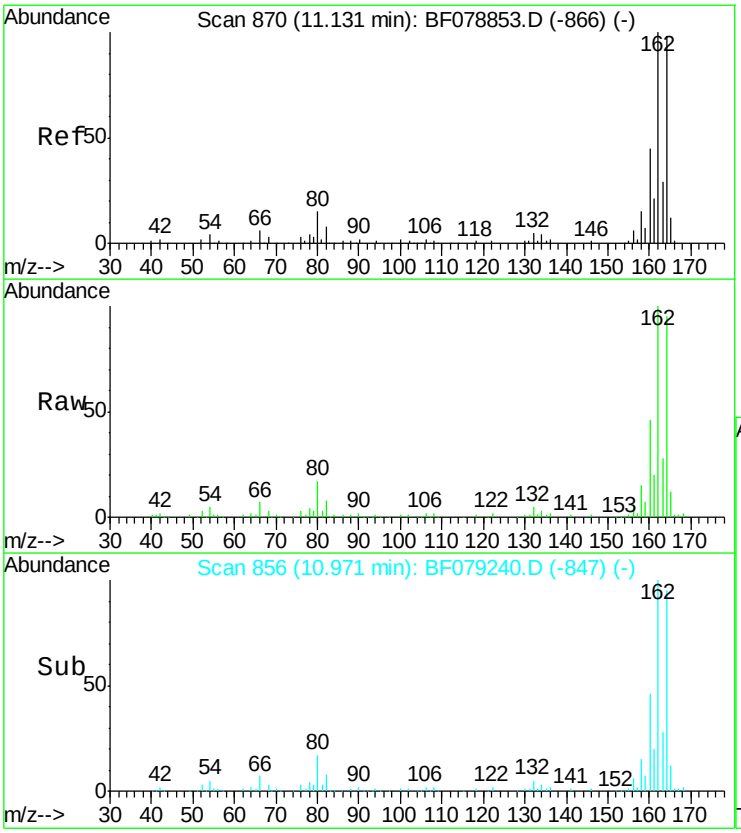
#37
2-Methylnaphthalene
Concen: 6.30 ng
RT: 9.68 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:142 Resp: 44142

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.9	106.3
115	32.7	28.5	42.7

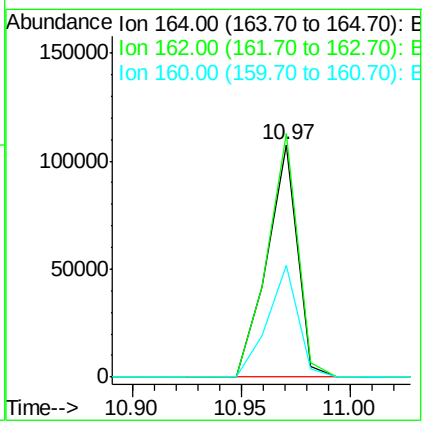


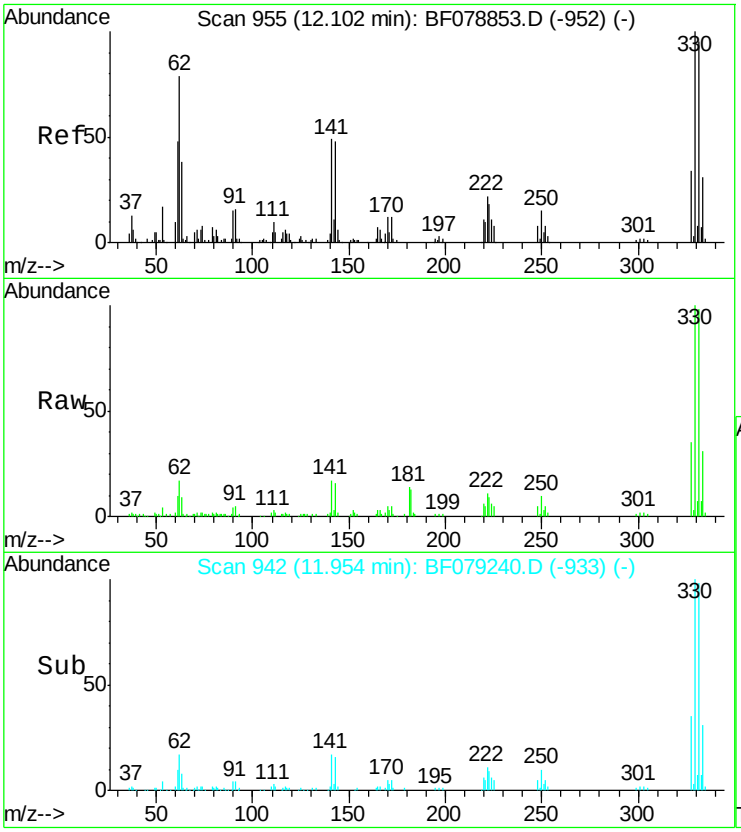


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:164 Resp: 106031

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.7	124.1
160	48.0	35.8	53.8



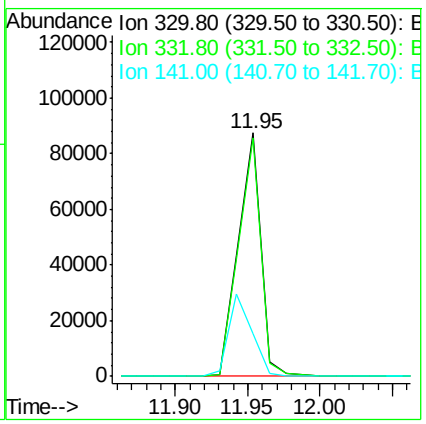


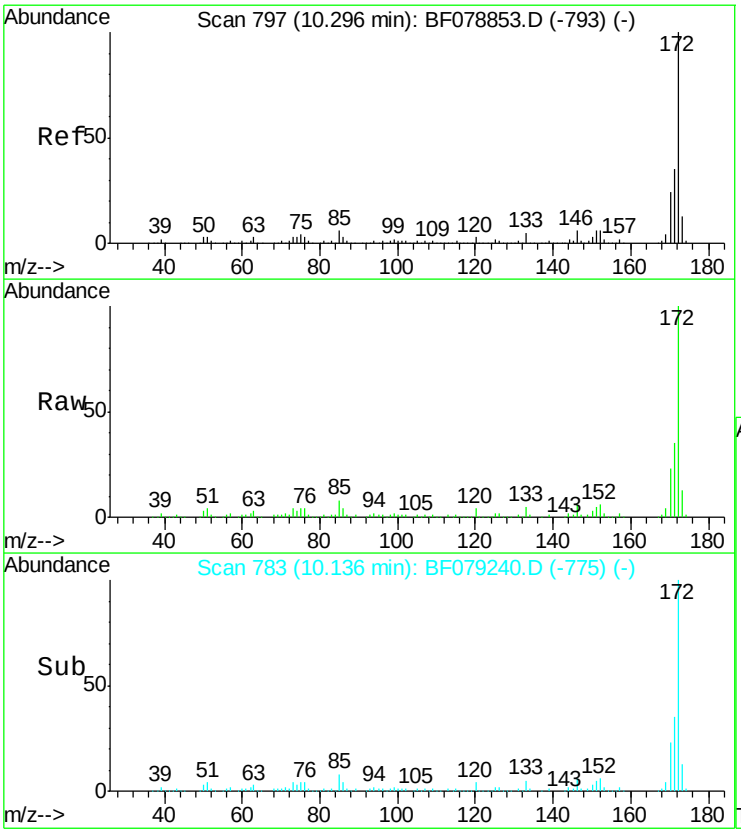
#41
2,4,6-Tribromophenol
Concen: 82.48 ng
RT: 11.95 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:330 Resp: 94613

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.6	0.0	0.0#

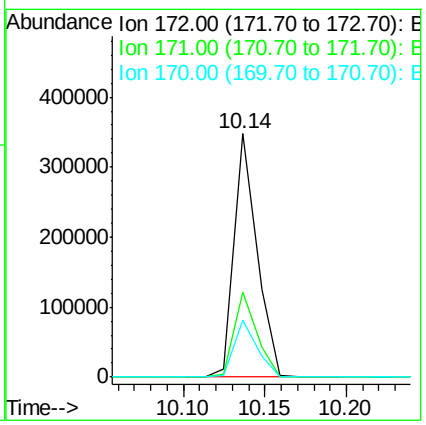


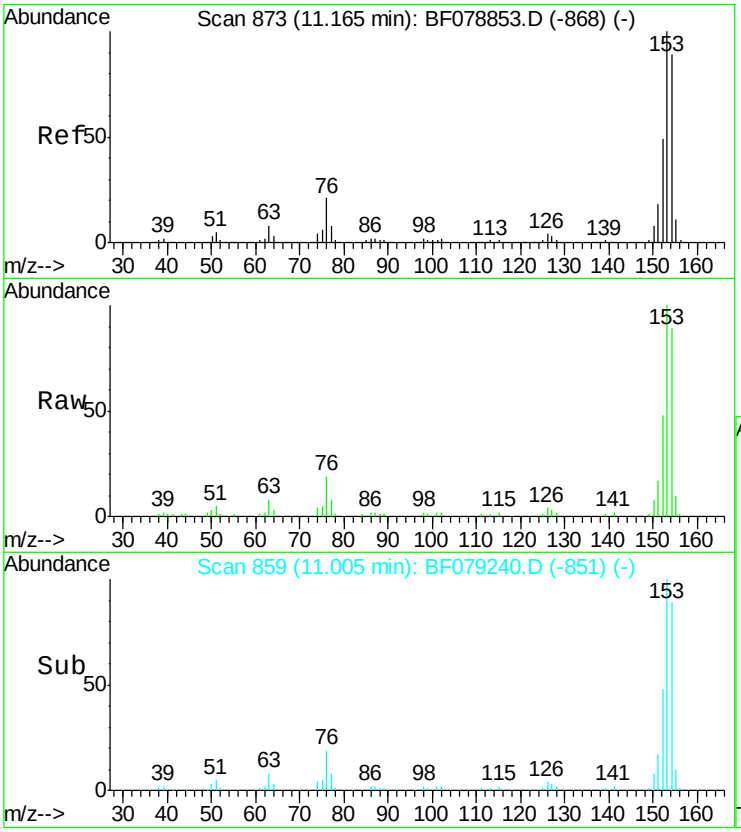


#44
2-Fluorobiphenyl
Concen: 44.01 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:172 Resp: 334931

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.5	19.4	29.0



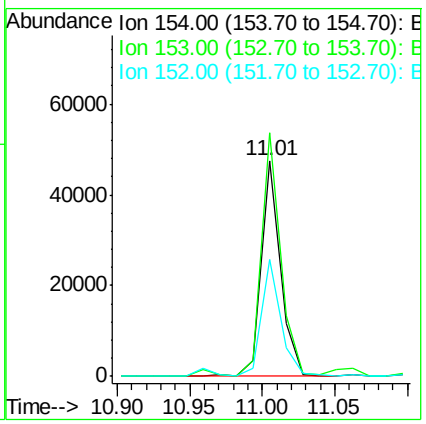


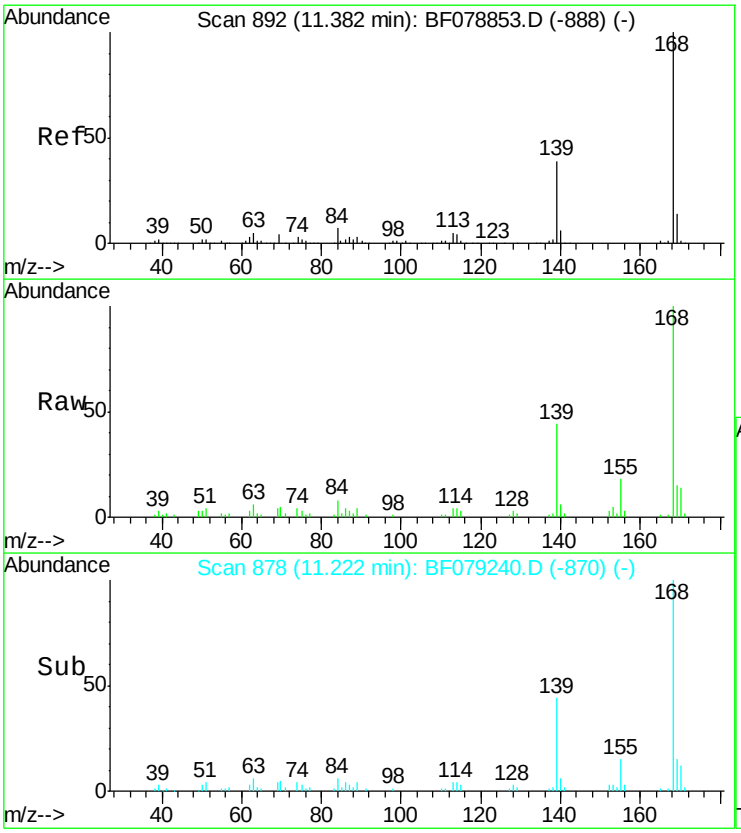
#51
Acenaphthene
Concen: 6.77 ng
RT: 11.01 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:154 Resp: 43596

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.5	137.3
152	54.3	44.2	66.4

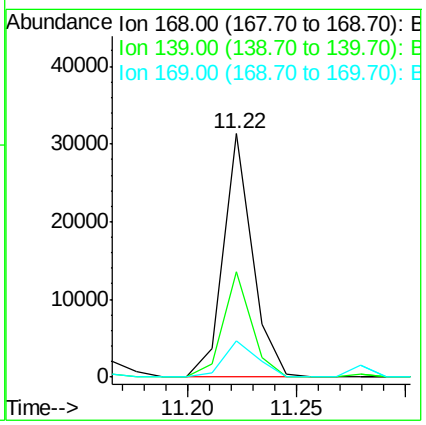


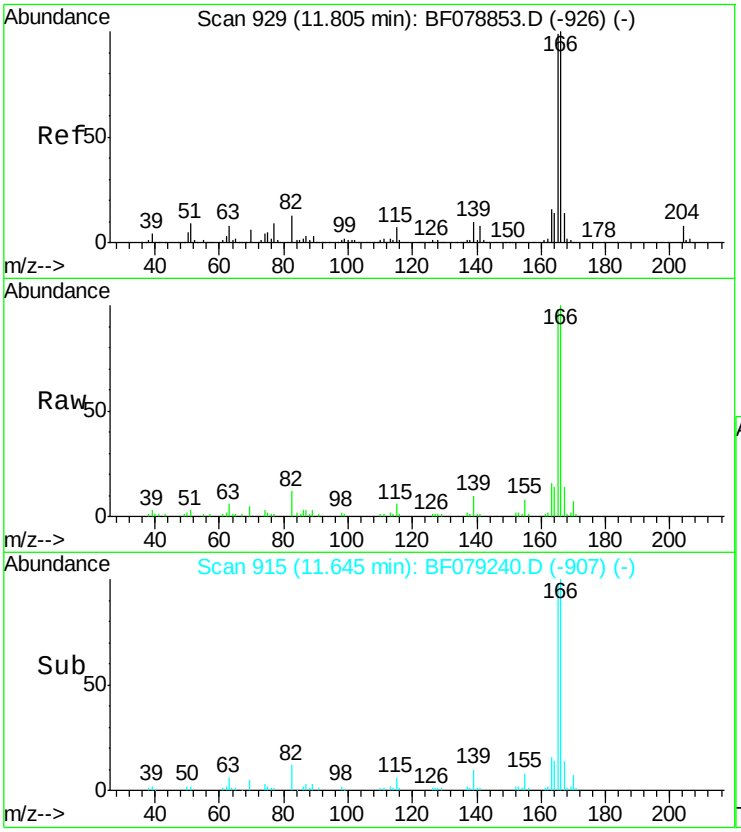


#54
Dibenzofuran
Concen: 3.11 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:168 Resp: 28935

Ion	Ratio	Lower	Upper
168	100		
139	43.5	31.0	46.4
169	14.8	10.6	16.0



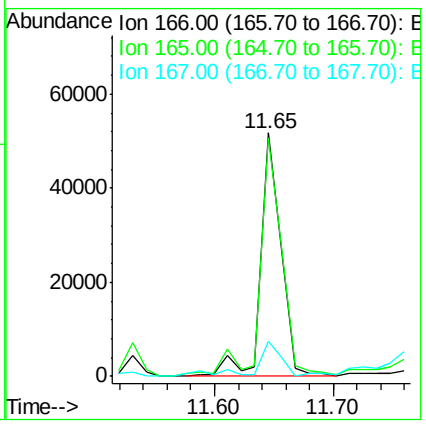


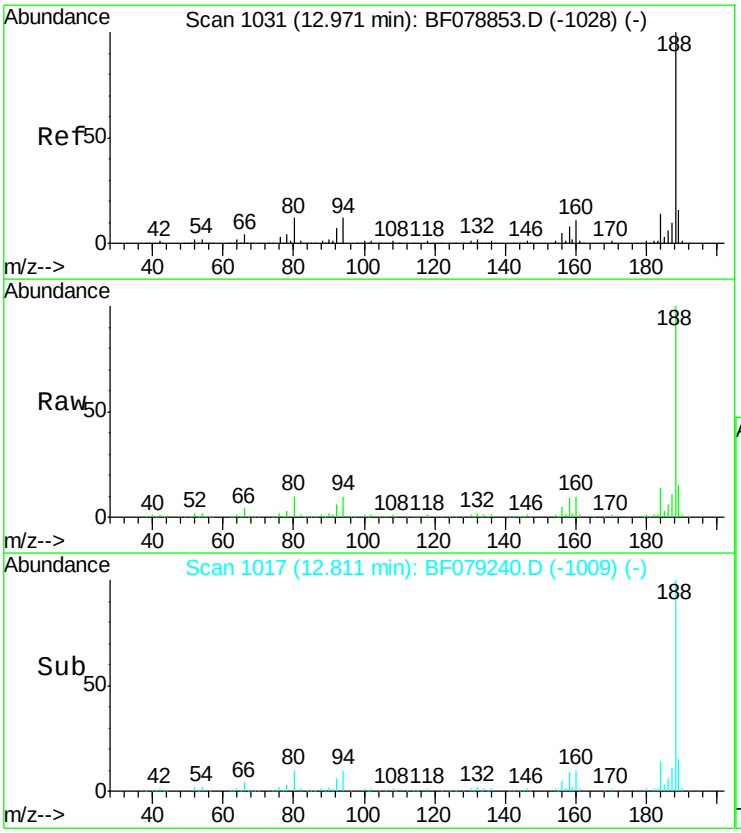
#57
Fluorene
Concen: 8.14 ng
RT: 11.65 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:166 Resp: 62150

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	14.2	11.0	16.6

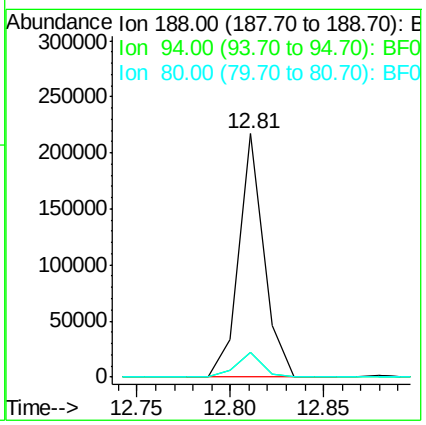


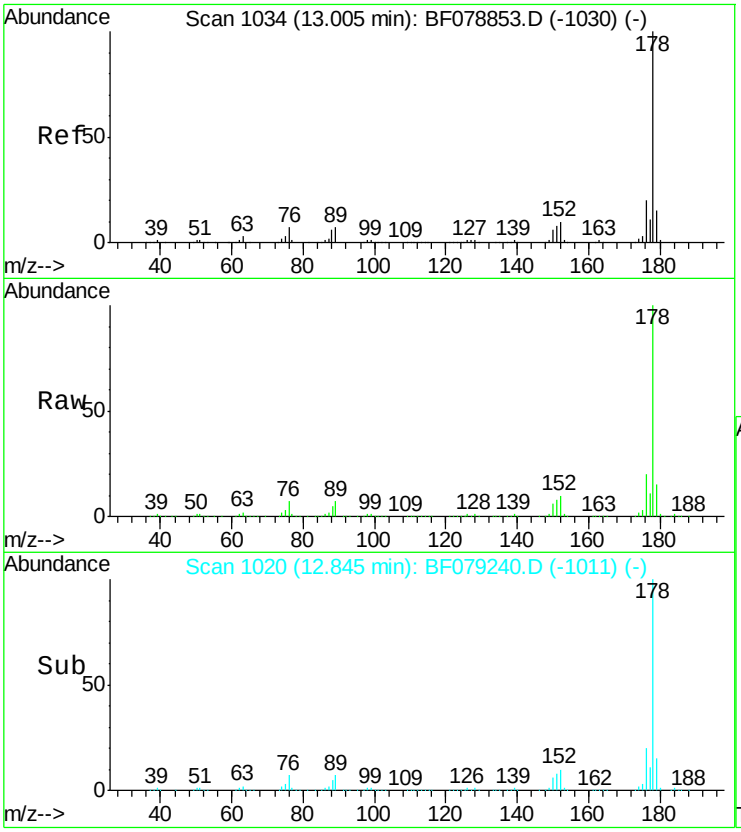


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:188 Resp: 203981

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.4	8.9	13.3



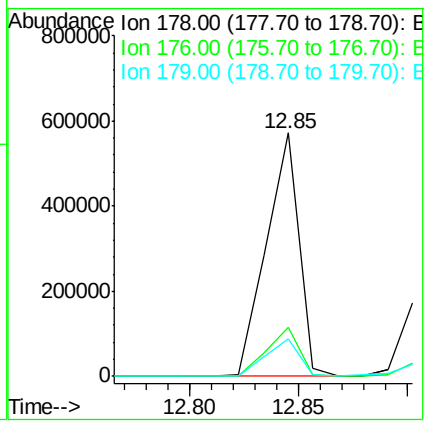


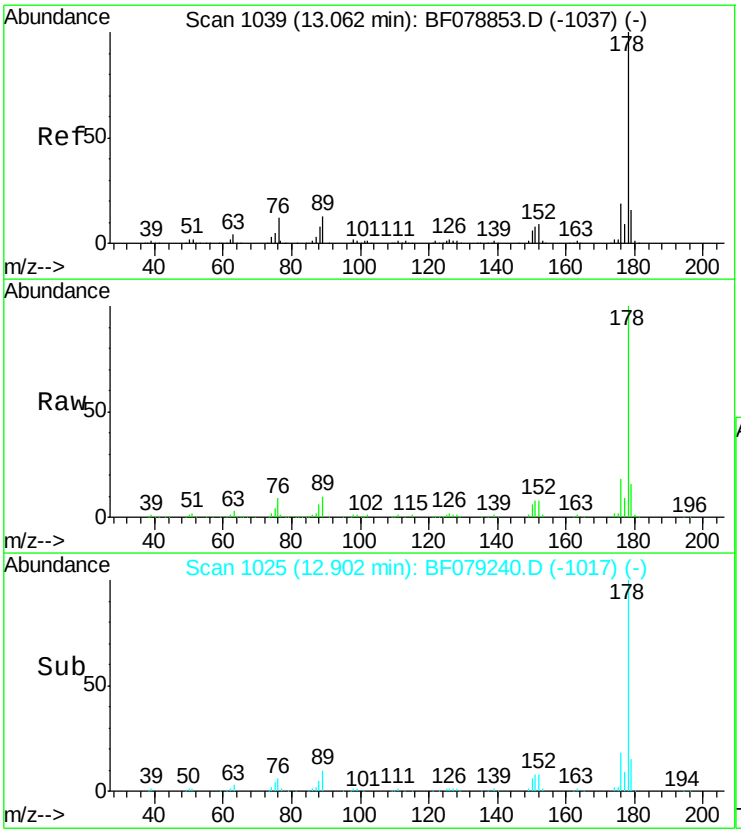
#70
Phenanthrene
Concen: 52.94 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:178 Resp: 604180

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.3	12.5	18.7

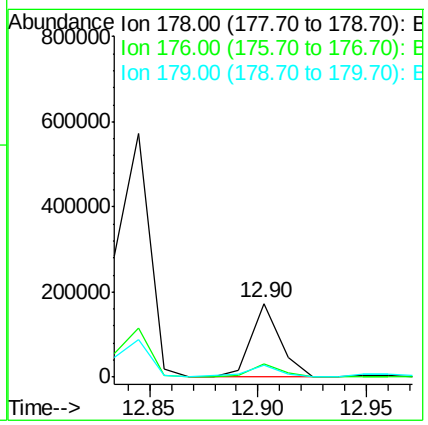


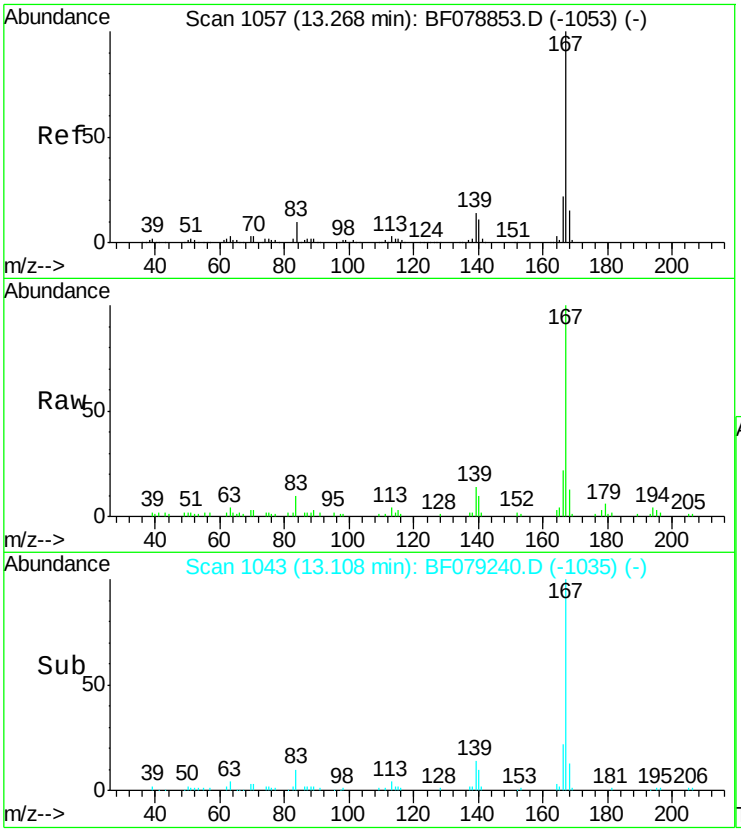


#71
Anthracene
Concen: 14.33 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:178 Resp: 160373

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.5	12.7	19.1



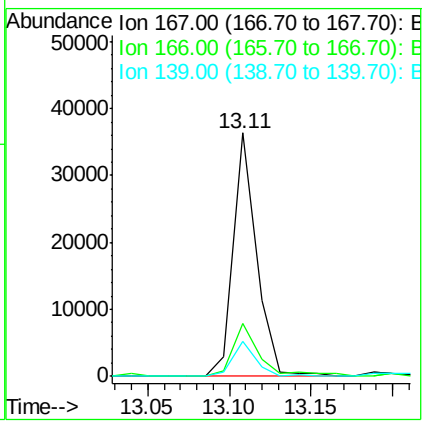


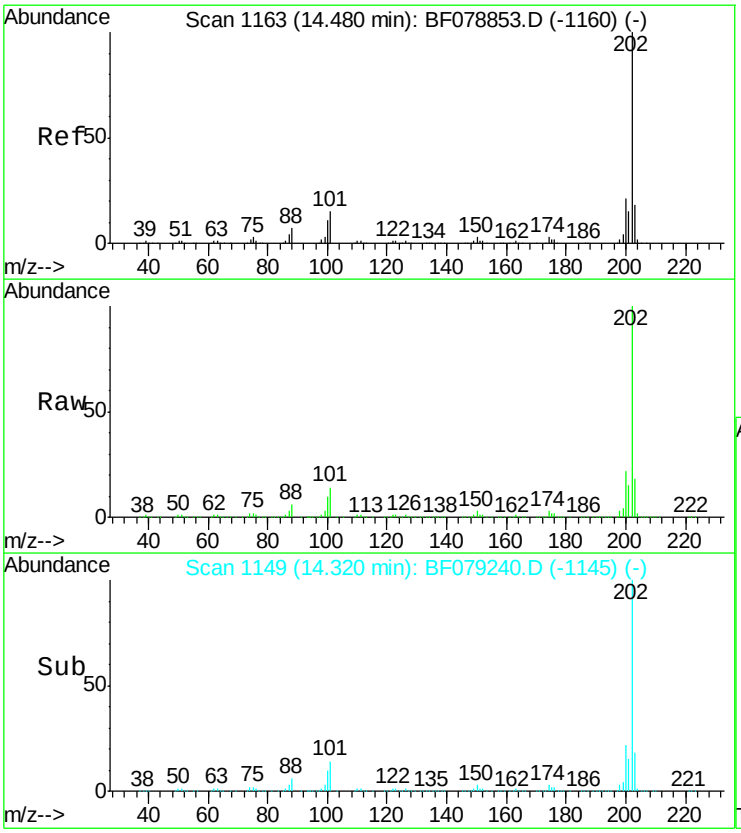
#72
Carbazole
Concen: 3.34 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:167 Resp: 35659

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	14.1	10.6	16.0

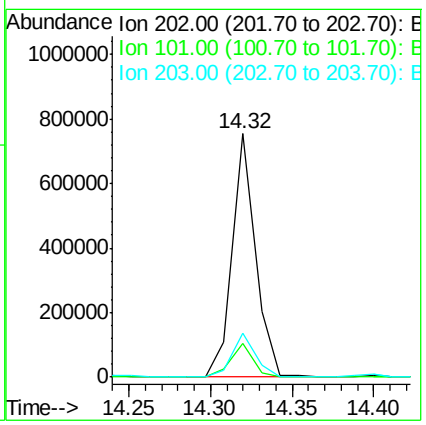


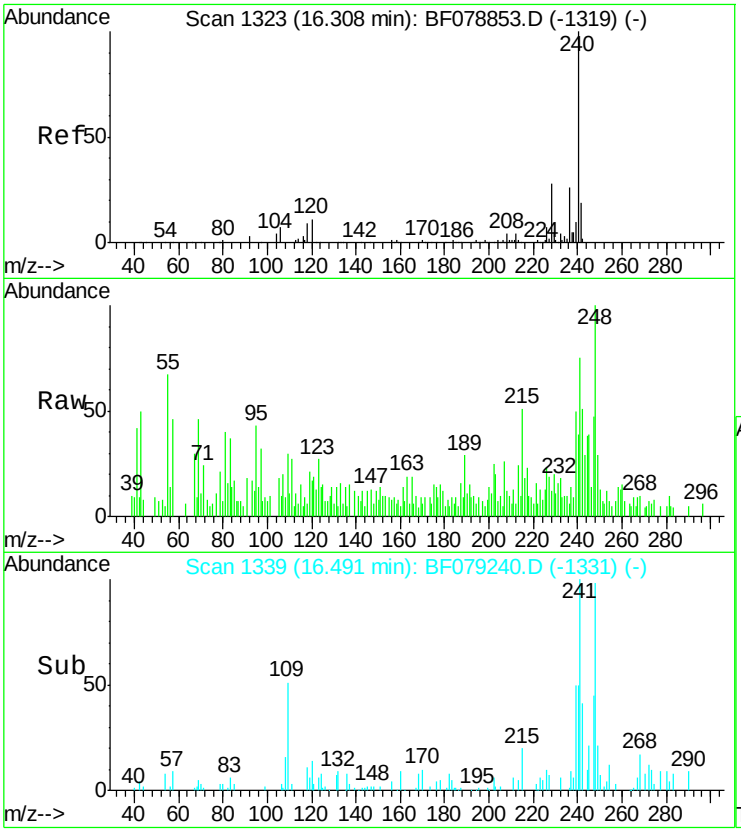


#74
Fluoranthene
Concen: 62.00 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:202 Resp: 737296

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.6
203	18.3	0.0	38.4



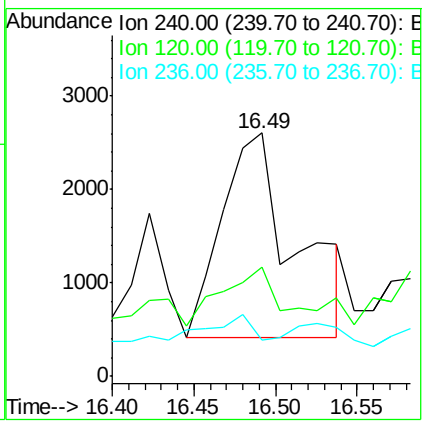


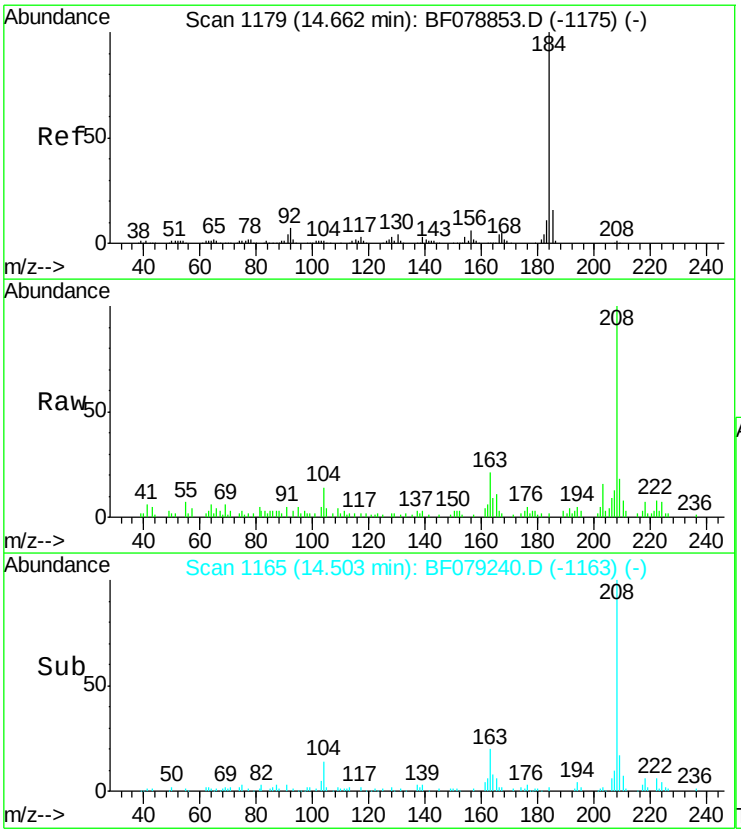
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.49 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:240 Resp: 6809

Ion	Ratio	Lower	Upper
240	100		
120	44.6	9.7	14.5#
236	15.1	20.2	30.4#

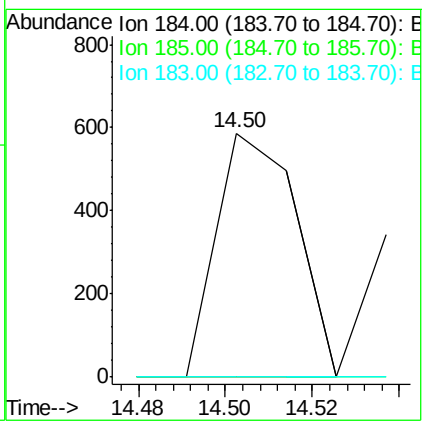


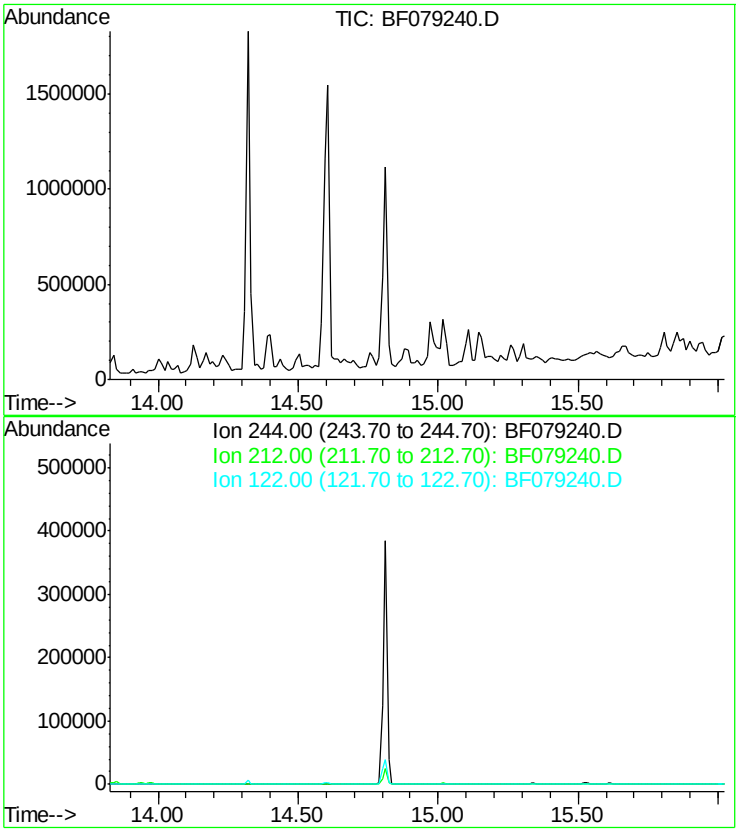


#76
Benzidine
Concen: 4.05 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:184 Resp: 743

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.3	18.5#
183	0.0	8.4	12.6#





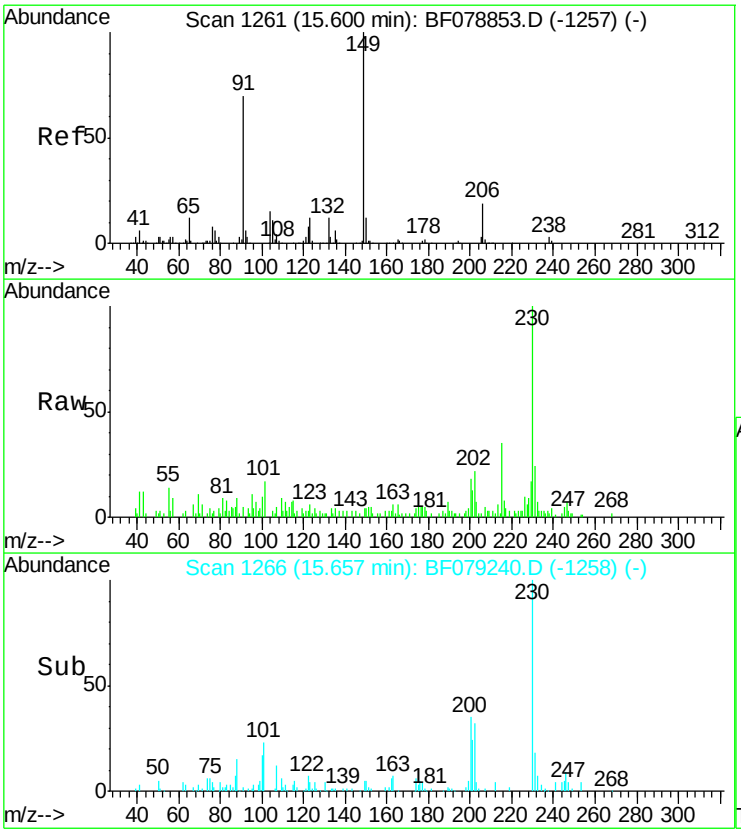
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.9

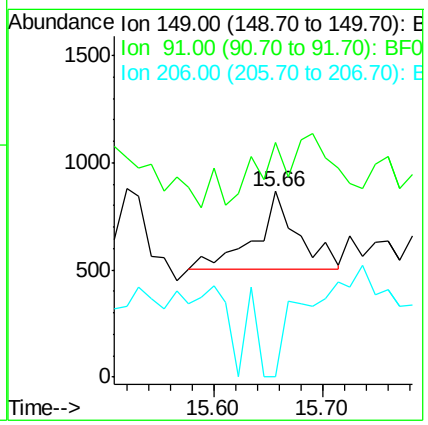
Instrument :
BNA_F
ClientSampleId :
SB-39D

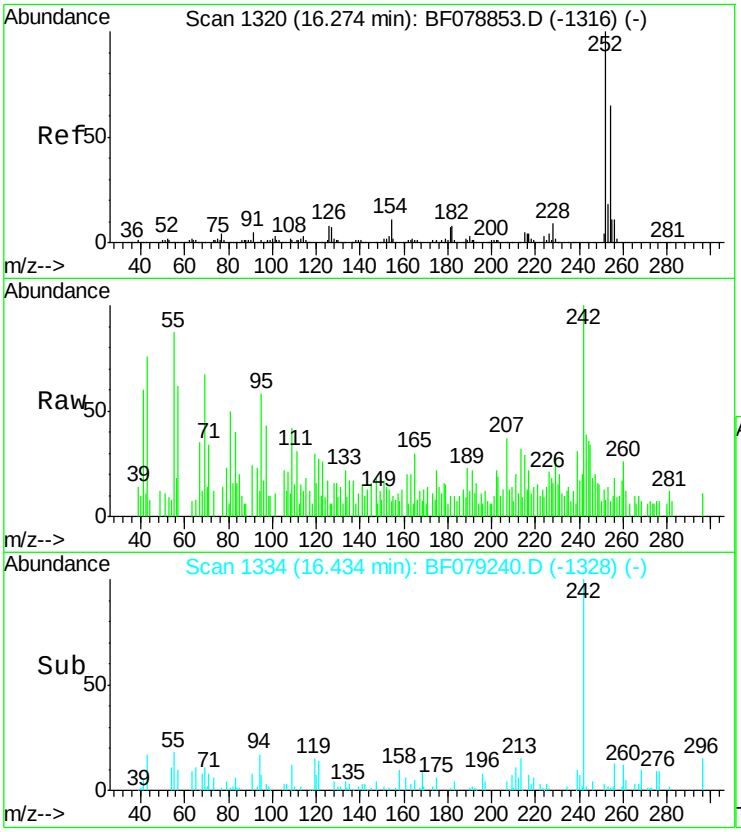


#79
Butylbenzylphthalate
Concen: 5.61 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:149 Resp: 962

Ion	Ratio	Lower	Upper
149	100		
91	126.4	64.6	97.0#
206	0.0	12.2	18.4#



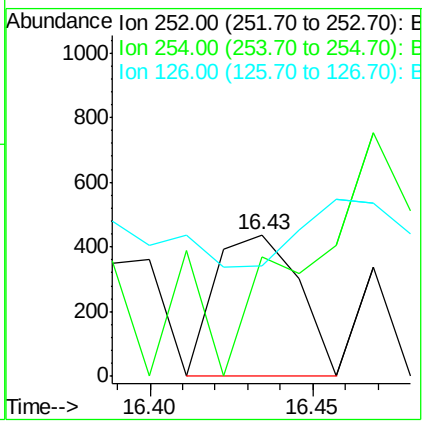


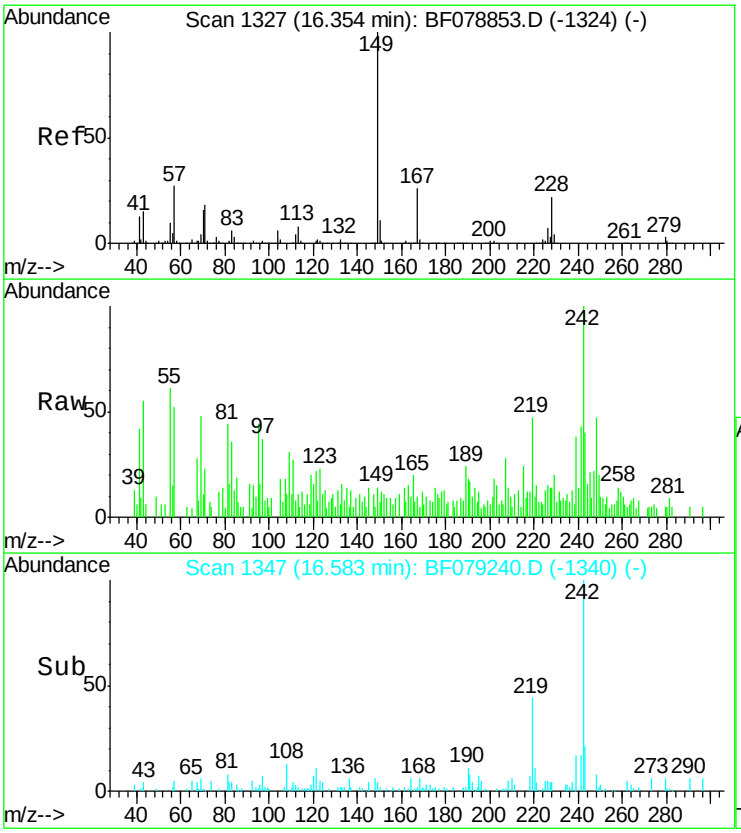
#81
3,3'-Dichlorobenzidine
Concen: 5.84 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:252 Resp: 775

Ion	Ratio	Lower	Upper
252	100		
254	84.2	51.3	76.9#
126	77.9	6.6	10.0#

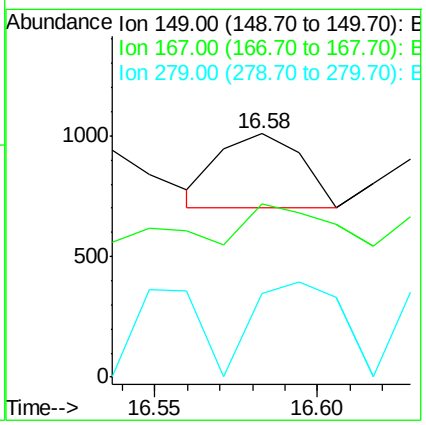


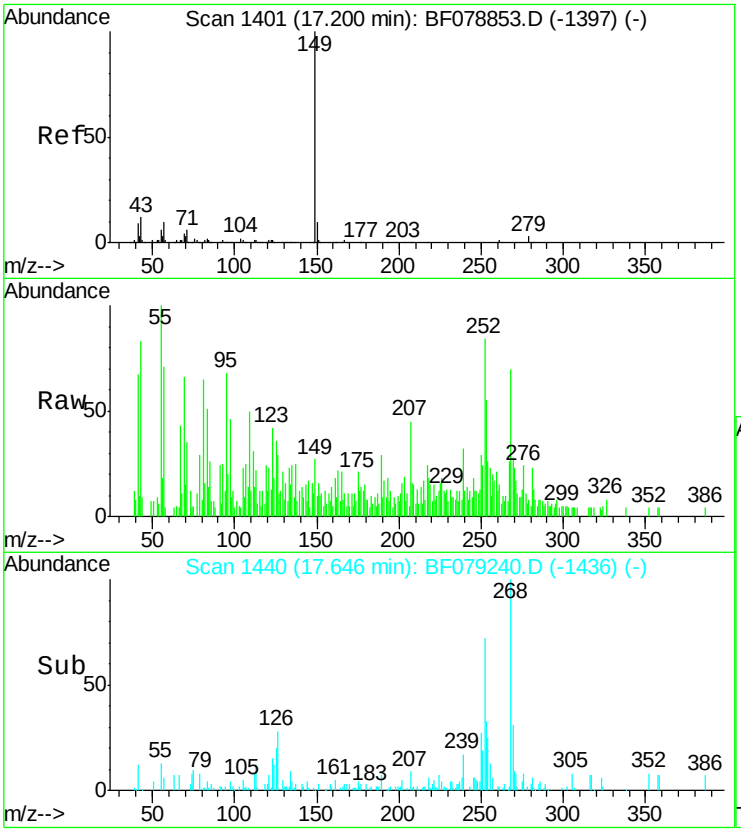


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng
RT: 16.58 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:149 Resp: 536

Ion	Ratio	Lower	Upper
149	100		
167	71.0	21.8	32.8#
279	34.4	2.9	4.3#



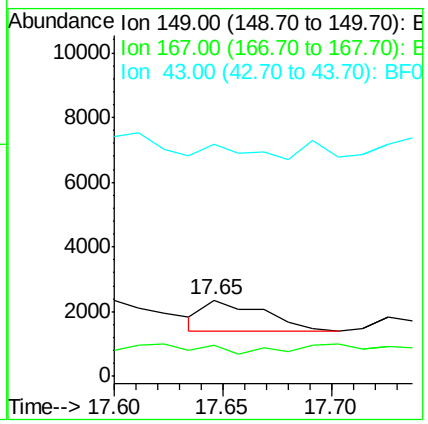


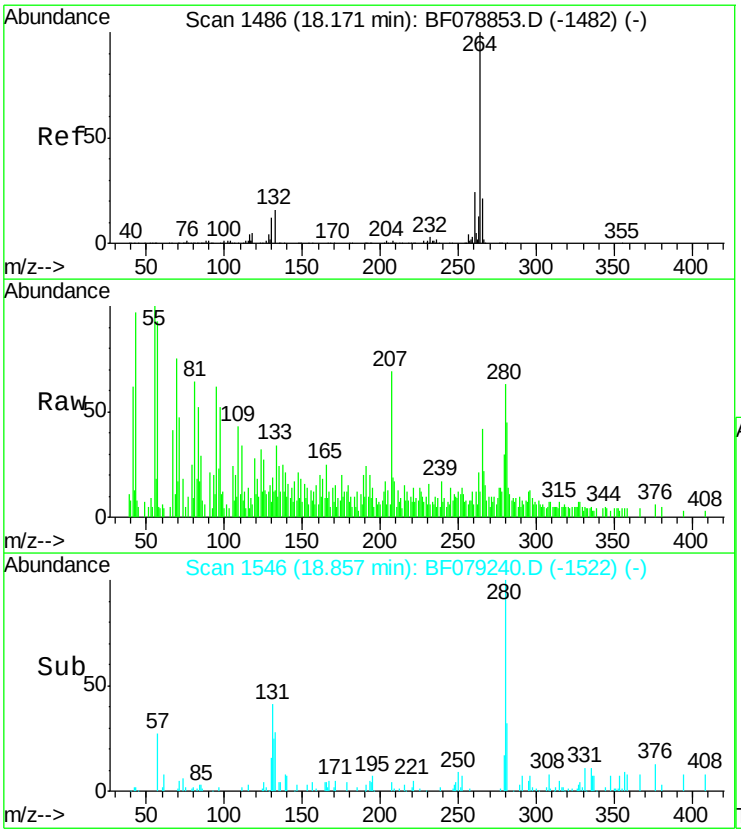
#84
Di-n-octyl phthalate
Concen: 3.98 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.06 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:149 Resp: 1823

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	35.1	0.0	0.0#

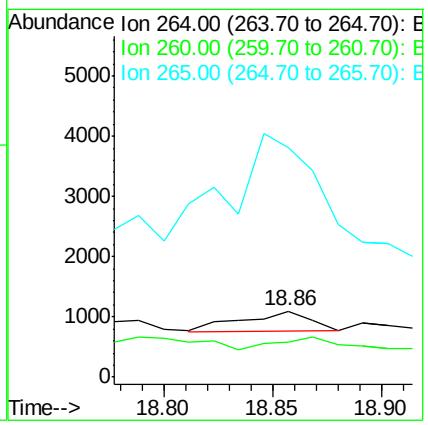


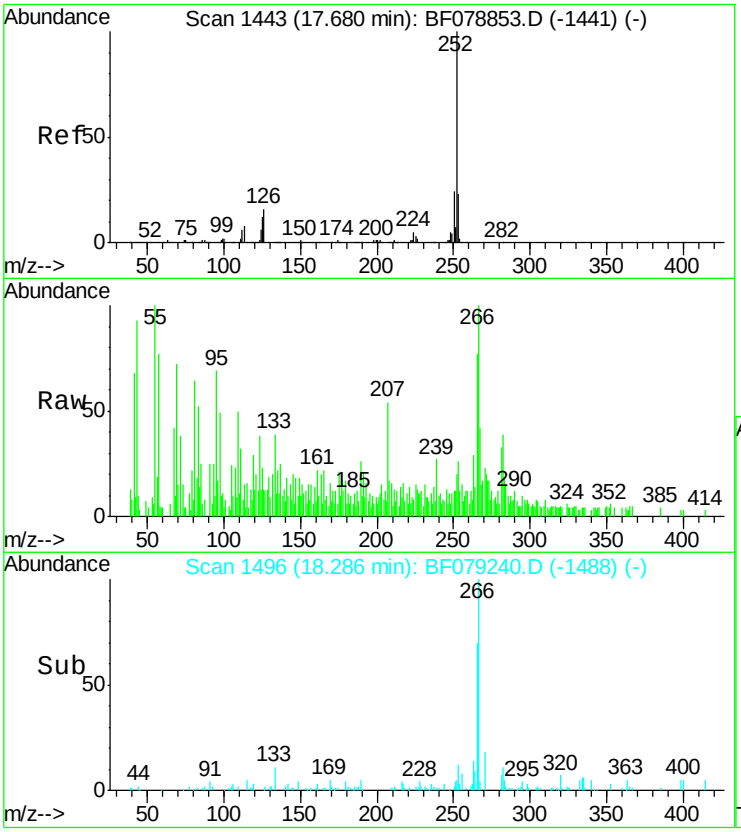


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.86 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:264 Resp: 763

Ion	Ratio	Lower	Upper
264	100		
260	53.3	19.4	29.2#
265	349.6	18.3	27.5#



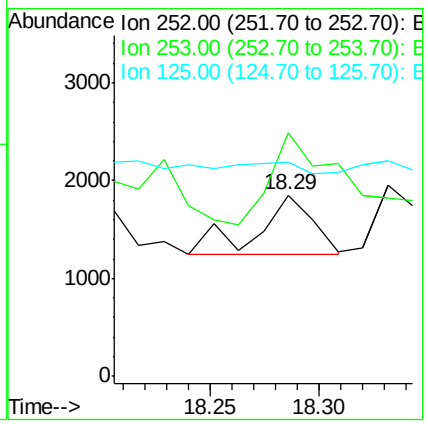


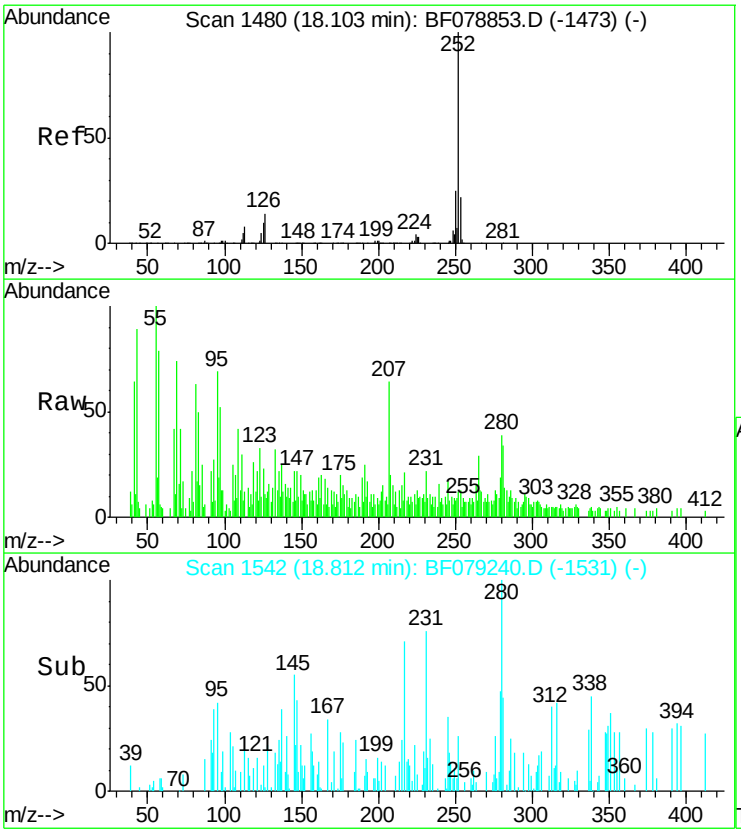
#88
Benzo(k)fluoranthene
Concen: 26.91 ng
RT: 18.29 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:252 Resp: 1088

Ion	Ratio	Lower	Upper
252	100		
253	134.6	18.1	27.1#
125	118.2	10.0	15.0#

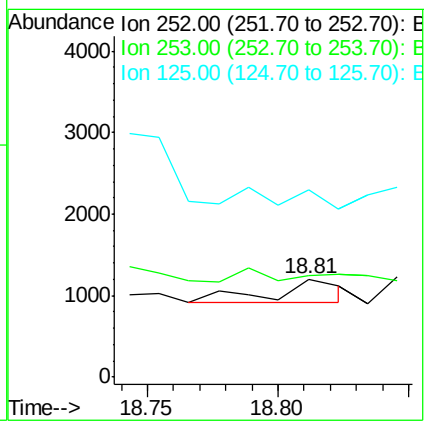


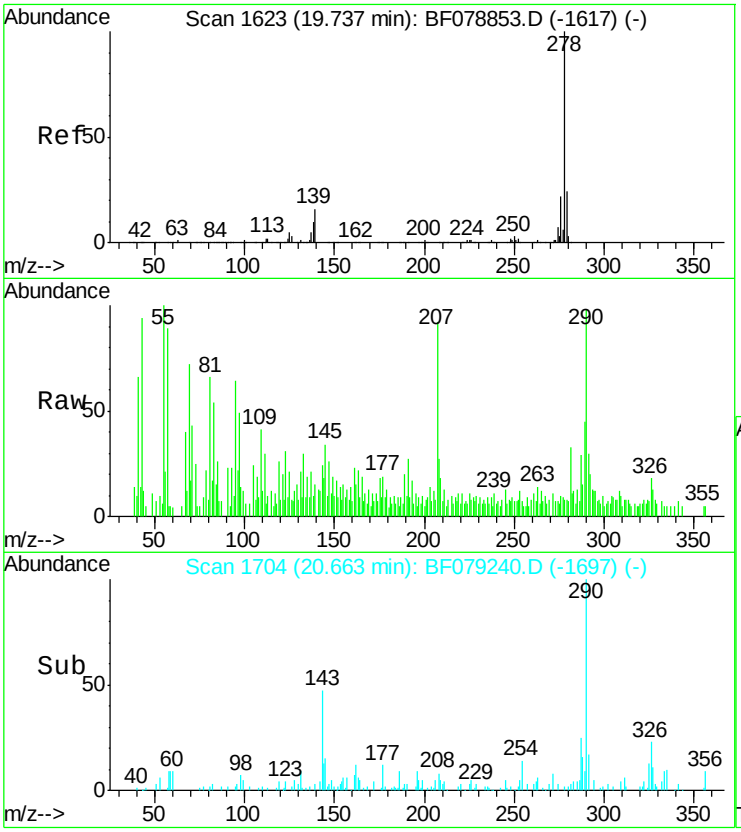


#89
Benzo(a)pyrene
Concen: 13.24 ng
RT: 18.81 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:252 Resp: 509

Ion	Ratio	Lower	Upper
252	100		
253	103.0	17.3	25.9#
125	190.2	7.0	10.6#



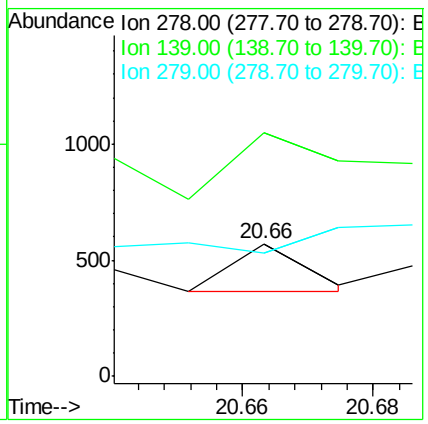


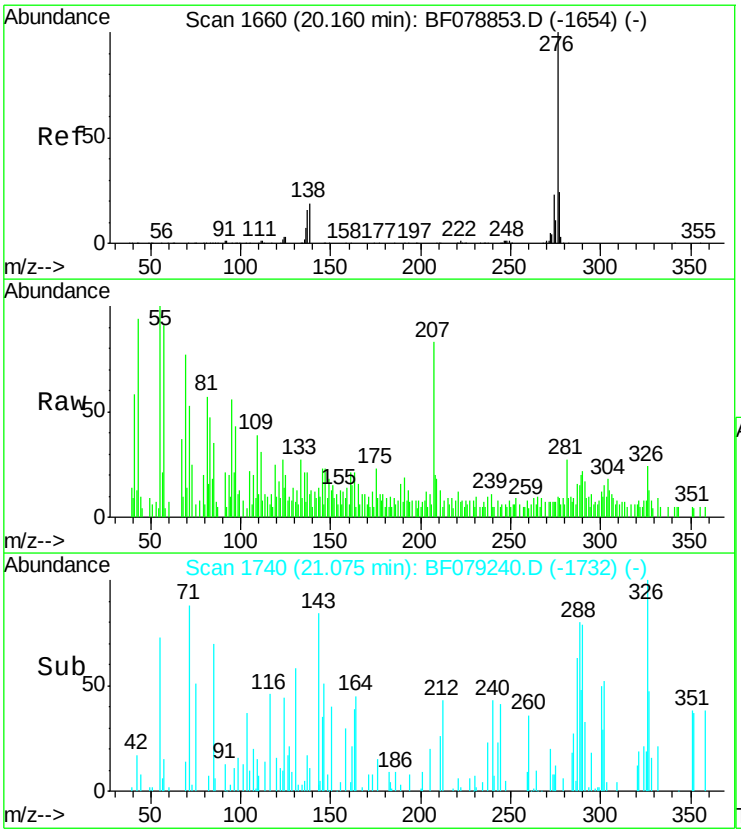
#90
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 20.66 min Scan# 1704
Delta R.T. -0.02 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:278 Resp: 162

Ion	Ratio	Lower	Upper
278	100		
139	183.2	12.8	19.2#
279	92.5	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 2.64 ng
RT: 21.07 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:276 Resp: 108

Ion	Ratio	Lower	Upper
276	100		
277	97.0	18.6	28.0#
138	116.2	17.4	26.0#