Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
Data File : BM004109.D
Acq On : 22 Jan 2016 14:03
Operator : SJ/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 22 14:37:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:13:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	22646	5.00	ng		0.00
7) Naphthalene-d8	10.44	136	102581	5.00	ng		0.00
13) Acenaphthene-d10	14.30	164	57724	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	166201	5.00	ng		0.00
26) Chrysene-d12	21.28	240	173912	5.00	ng		0.00
35) Perylene-d12	23.51	264	158330	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	51440	11.03	ng		-0.02
5) Phenol-d6	6.83	99	69130	12.50	ng		-0.02
8) Nitrobenzene-d5	8.82	82	55690	12.83	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	23476	14.91	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	178952	10.13	ng		0.00
29) Terphenyl-d14	19.71	244	219482	9.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	20147	7.92	ng		96
3) n-Nitrosodimethylamine	3.46	42	24078	12.26	ng		100
6) bis(2-Chloroethyl)ether	7.09	93	58063	11.15	ng		99
9) Nitrobenzene	8.86	77	66440	13.50	ng		96
10) Naphthalene	10.49	128	231090	9.62	ng		98
11) Hexachlorobutadiene	10.78	225	35126	9.47	ng		100
12) 2-Methylnaphthalene	12.12	142	157627	10.10	ng		99
16) Acenaphthylene	14.01	152	281983	11.53	ng		100
17) Acenaphthene	14.37	154	188461	9.99	ng		97
18) Fluorene	15.37	166	242937	10.68	ng		99
20) 4-Bromophenyl-phenylether	16.24	248	50480	9.23	ng	#	8
21) Hexachlorobenzene	16.37	284	51680	8.97	ng	#	50
22) Pentachlorophenol	16.73	266	27393	21.94	ng	#	86
23) Phenanthrene	17.11	178	306735	8.43	ng	#	76
24) Anthracene	17.19	178	421433	11.27	ng		98
25) Fluoranthene	19.13	202	438179	9.69	ng		100
27) Benzidine	19.32	184	189200	27.46	ng	#	92
28) Pyrene	19.51	202	474131	9.53	ng		100
30) Benzo(a)anthracene	21.26	228	916521	17.19	ng		94
31) 3,3'-Dichlorobenzidine	21.19	252	183315	16.94	ng		91
32) Chrysene	21.26	228	917641	18.93	ng	#	90
33) Bis(2-ethylhexyl)phthalate	21.17	149	338145	17.97	ng	#	97
34) Indeno(1,2,3-cd)pyrene	25.76	276	516007	10.16	ng		100
36) Benzo(b)fluoranthene	22.84	252	520971	10.70	ng		98
37) Benzo(k)fluoranthene	22.88	252	449839	10.14	ng		98
38) Benzo(a)pyrene	23.41	252	459551	10.72	ng		98
39) Dibenzo(a,h)anthracene	25.77	278	413777	10.75	ng		98
40) Benzo(g,h,i)perylene	26.44	276	436159	10.33	ng		99

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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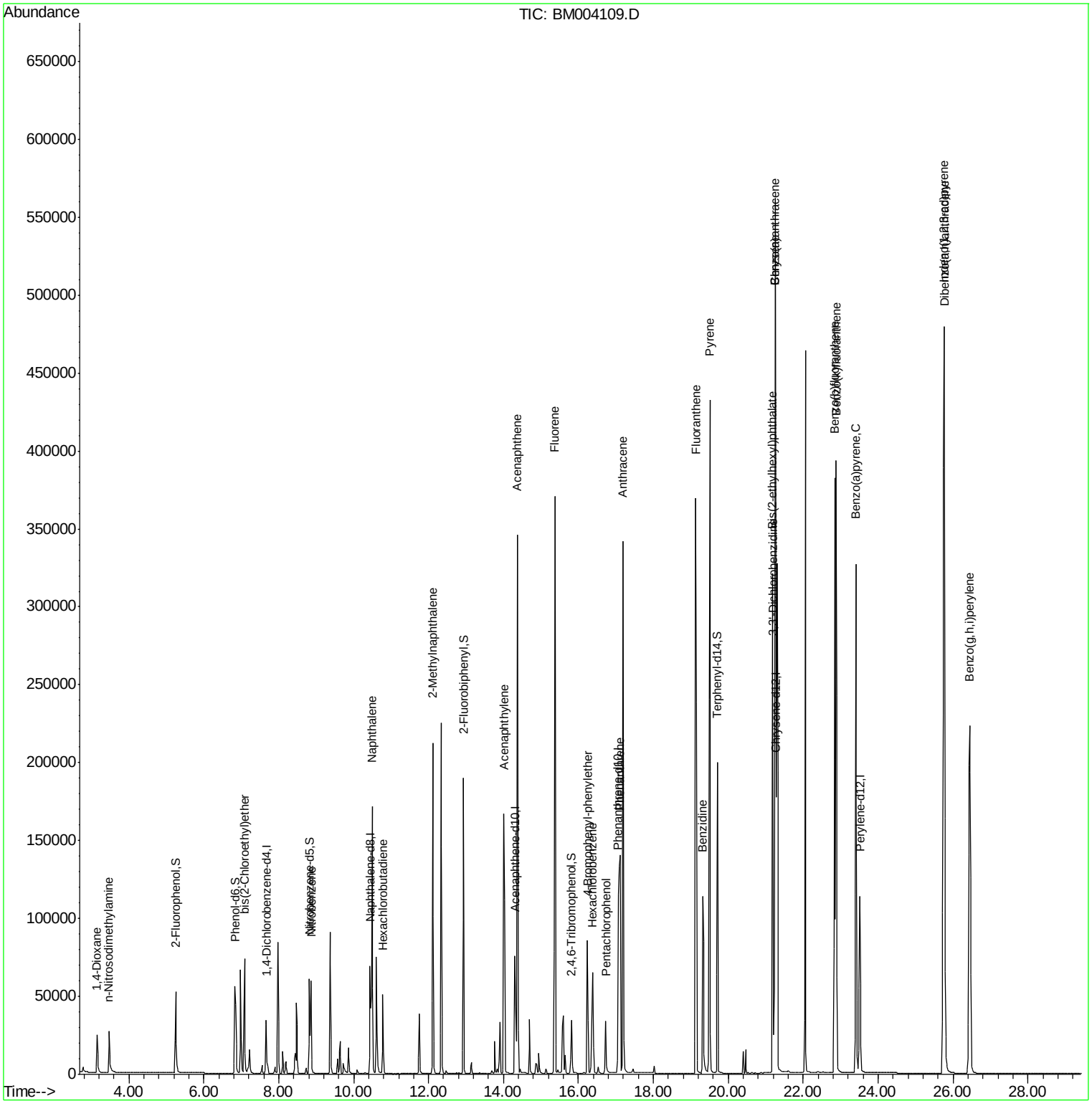
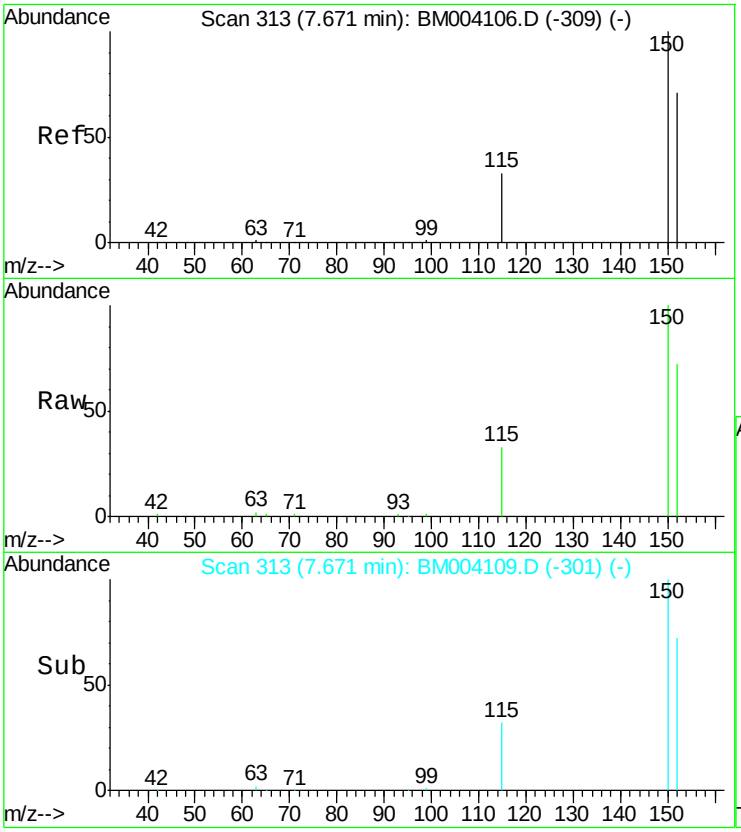
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:13:09 2016
Response via : Initial Calibration



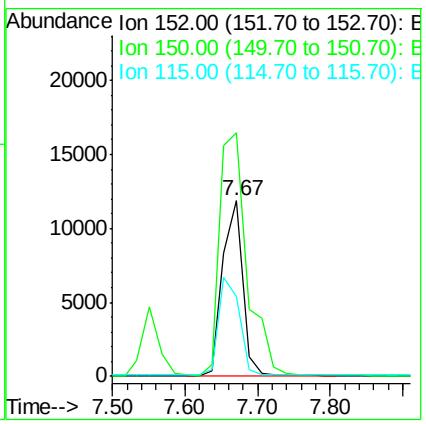


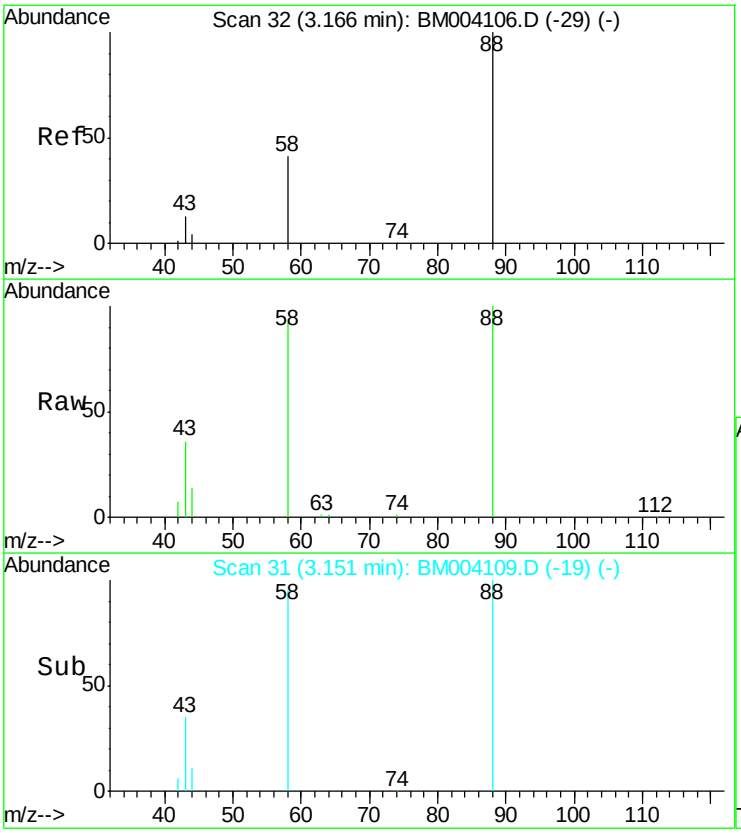
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 22646

Ion	Ratio	Lower	Upper
152	100		
150	138.9	122.9	184.3
115	45.3	44.4	66.6

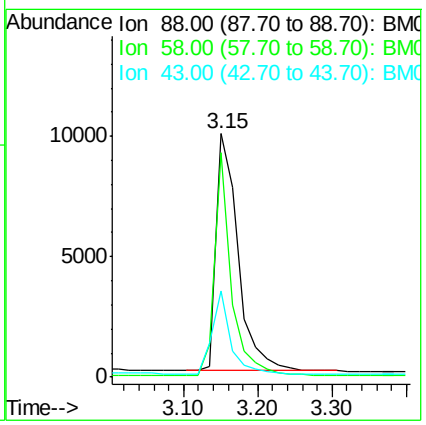


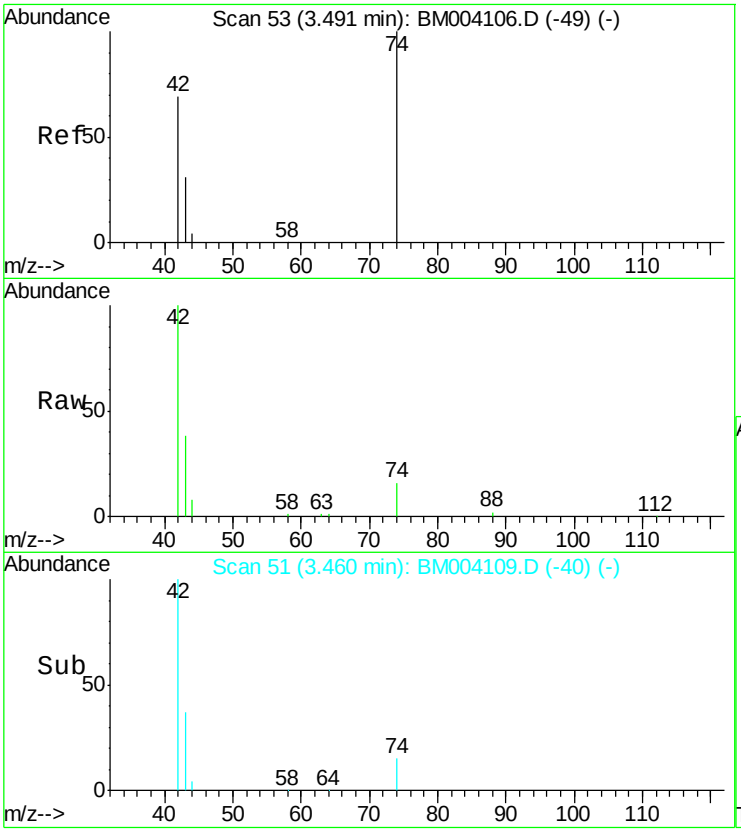


#2
1,4-Dioxane
Concen: 7.92 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion: 88 Resp: 20147

Ion	Ratio	Lower	Upper
88	100		
58	72.0	53.8	80.6
43	29.7	23.8	35.6



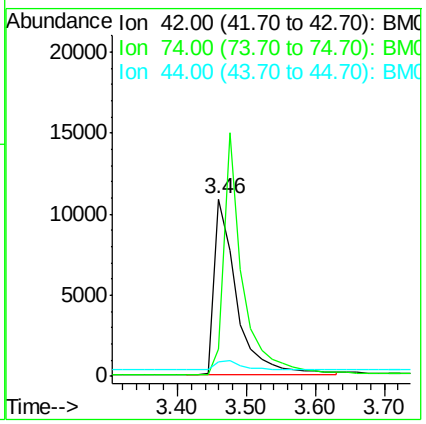


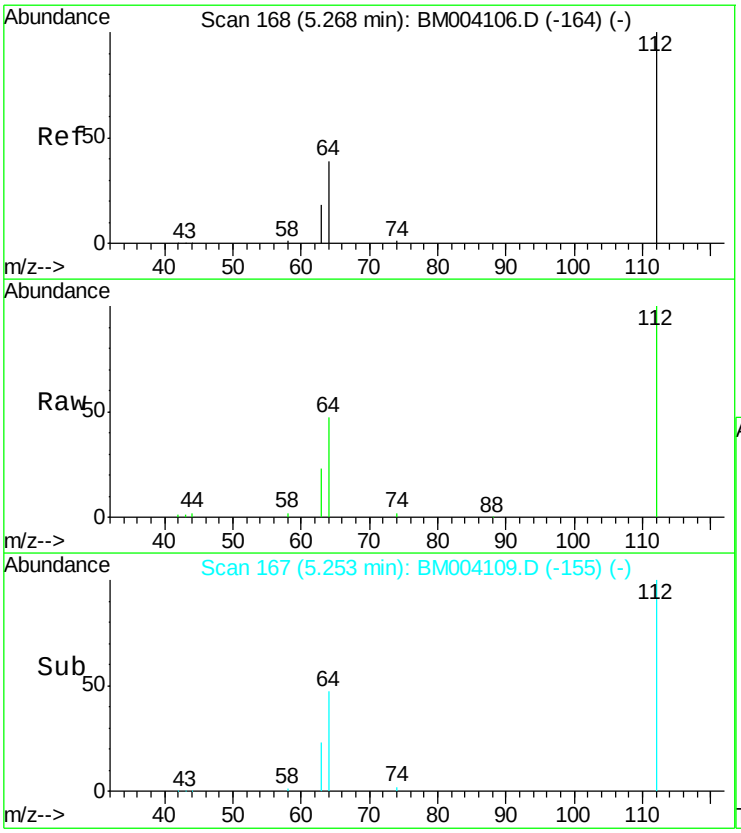
#3
n-Nitrosodimethylamine
Concen: 12.26 ng
RT: 3.46 min Scan# 51
Delta R.T. -0.03 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 24078

Ion	Ratio	Lower	Upper
42	100		
74	118.9	95.0	142.4
44	6.3	5.1	7.7

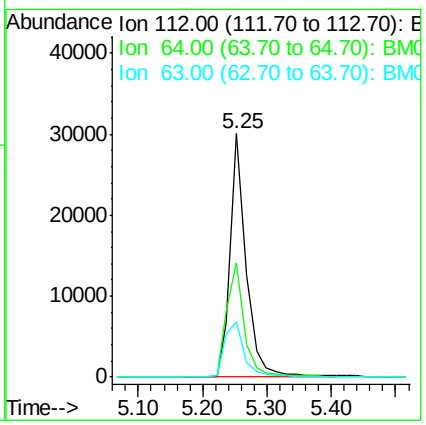


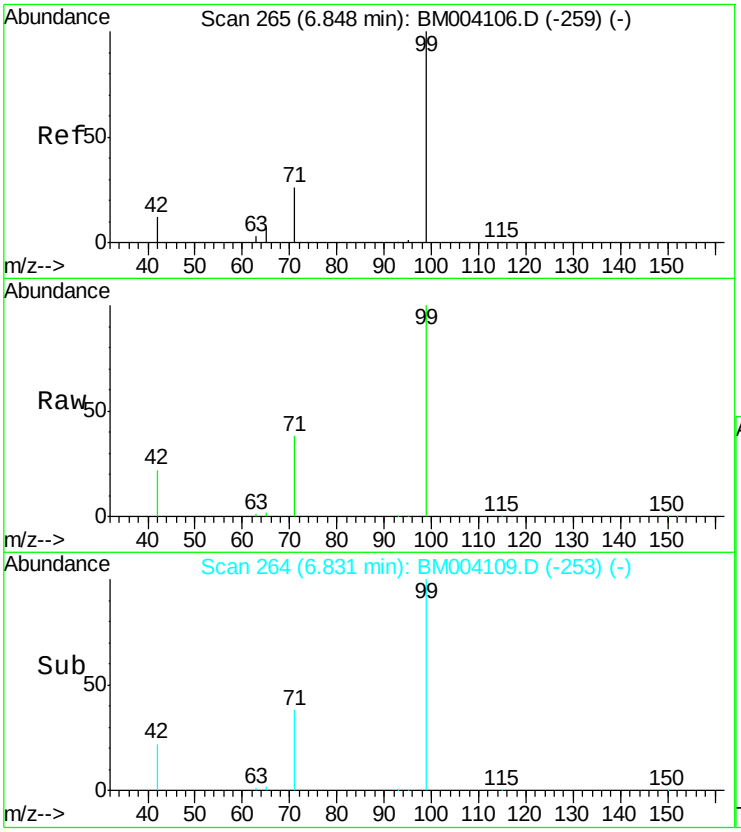


#4
2-Fluorophenol
Concen: 11.03 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:112 Resp: 51440

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.4	22.1	33.1



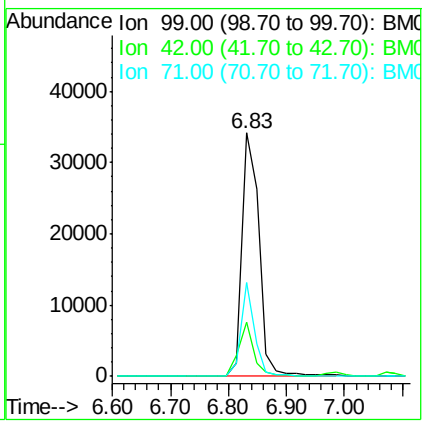


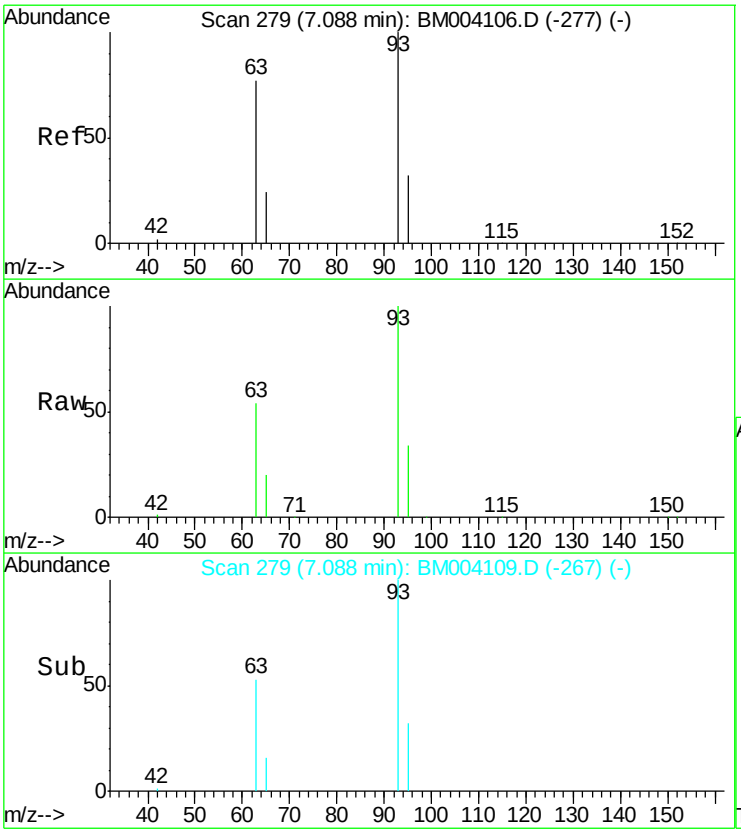
#5
Phenol-d6
Concen: 12.50 ng
RT: 6.83 min Scan# 264
Delta R.T. -0.02 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 69130

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	30.7	24.4	36.6

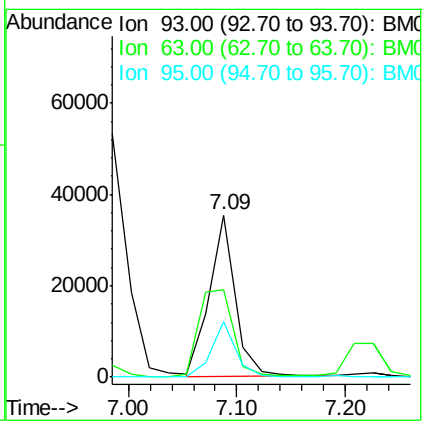


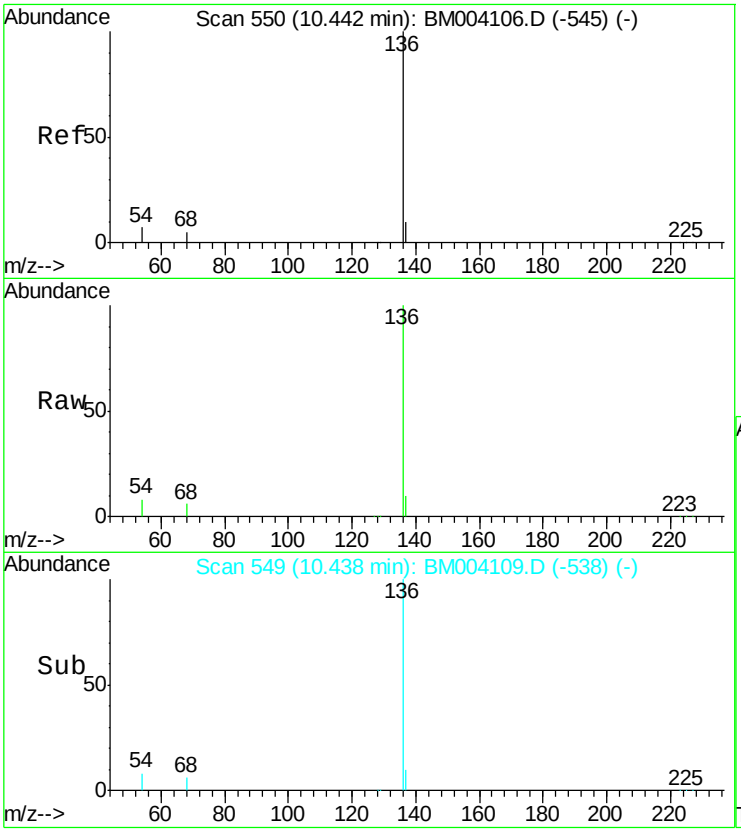


#6
bis(2-Chloroethyl)ether
Concen: 11.15 ng
RT: 7.09 min Scan# 279
Delta R.T. 0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion: 93 Resp: 58063

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.3	87.5
95	33.0	25.8	38.8



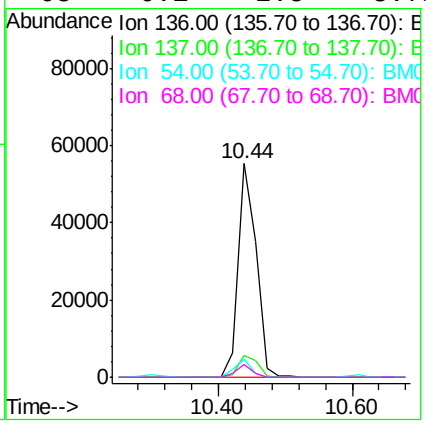


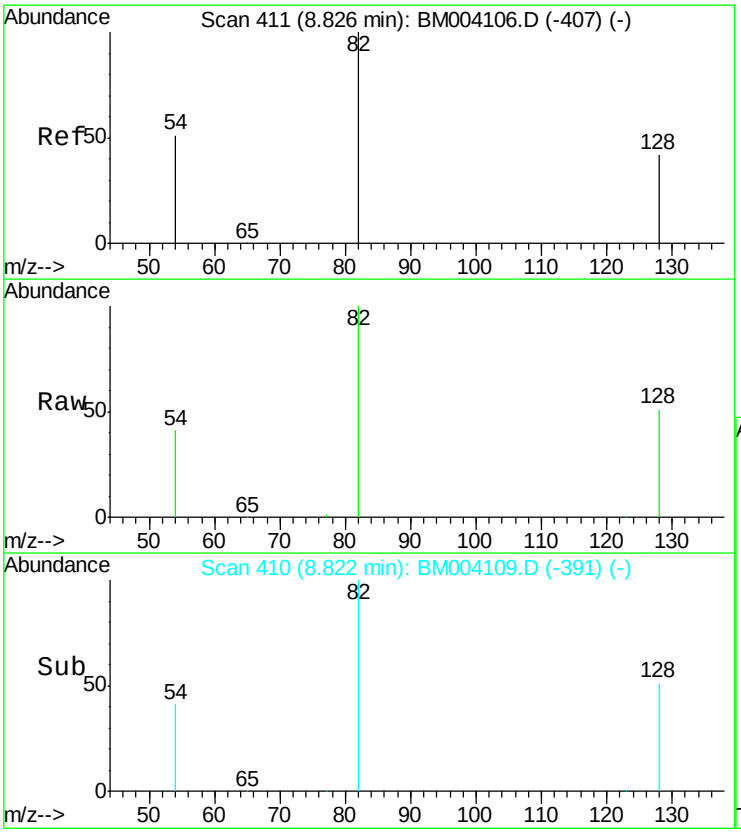
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 549
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 102581

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.2	2.8	4.2#
68	6.1	2.5	3.7#

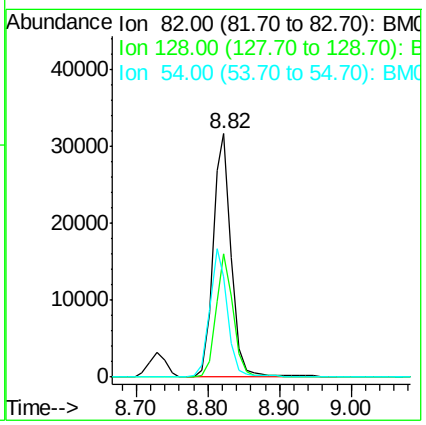


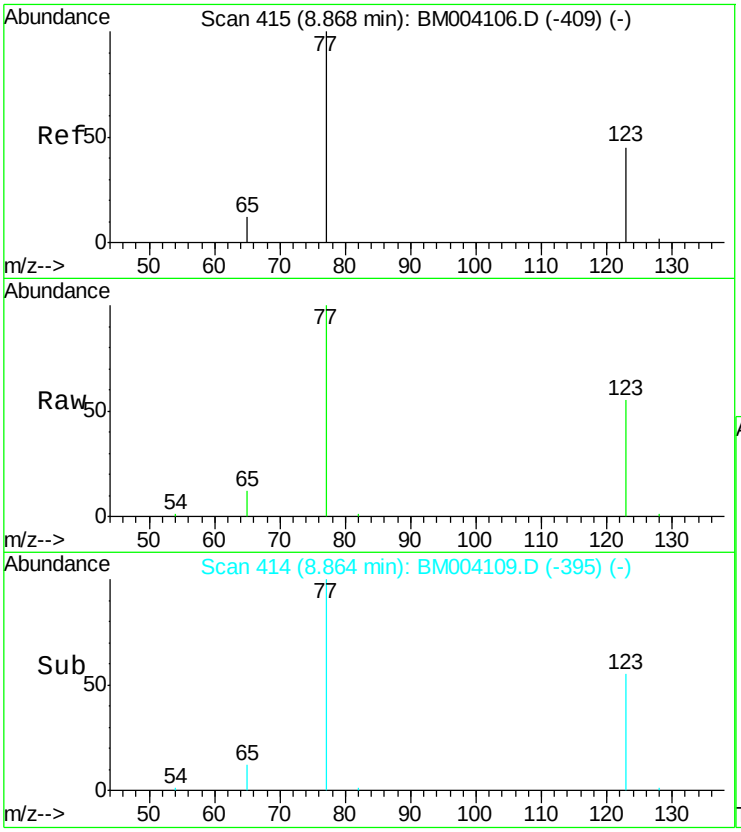


#8
Nitrobenzene-d5
Concen: 12.83 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion: 82 Resp: 55690

Ion	Ratio	Lower	Upper
82	100		
128	50.7	39.1	58.7
54	41.2	34.8	52.2



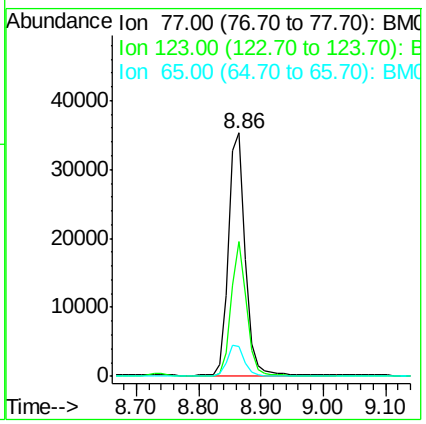


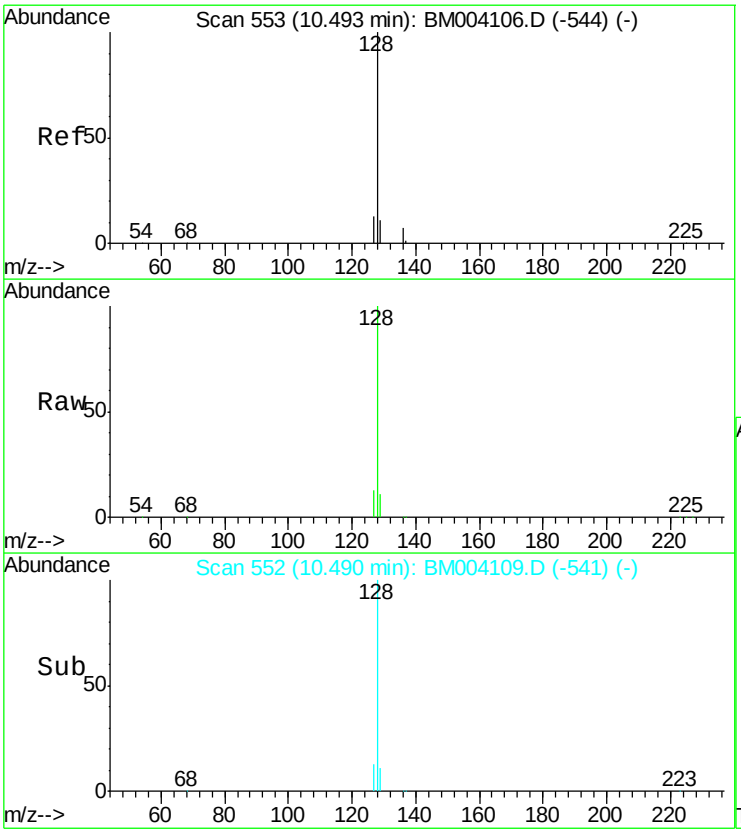
#9
Nitrobenzene
Concen: 13.50 ng
RT: 8.86 min Scan# 414
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 66440

Ion	Ratio	Lower	Upper
77	100		
123	51.2	38.6	57.8
65	12.9	9.9	14.9

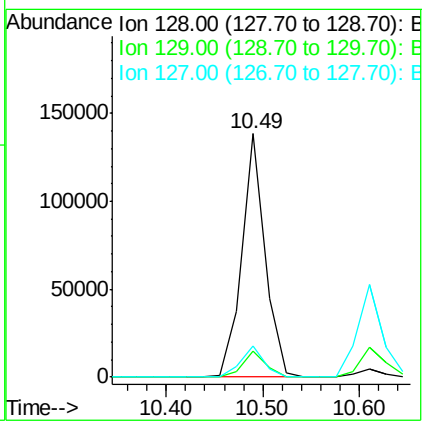


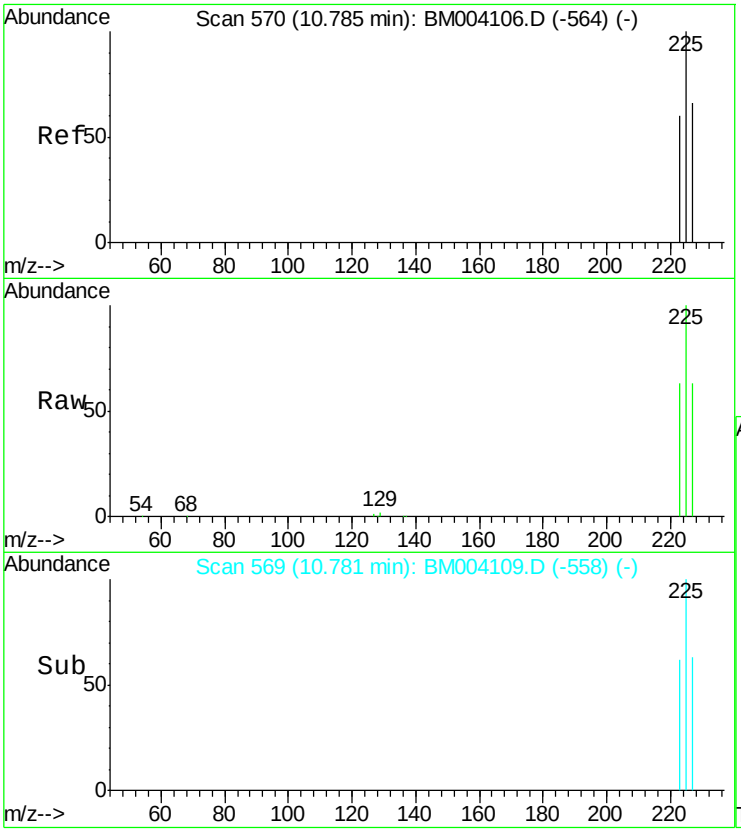


#10
Naphthalene
Concen: 9.62 ng
RT: 10.49 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:128 Resp: 231090

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	12.7	11.0	16.4



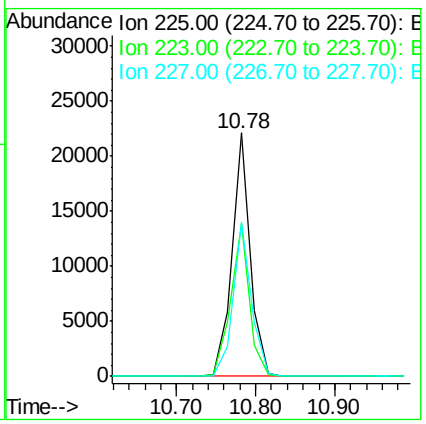


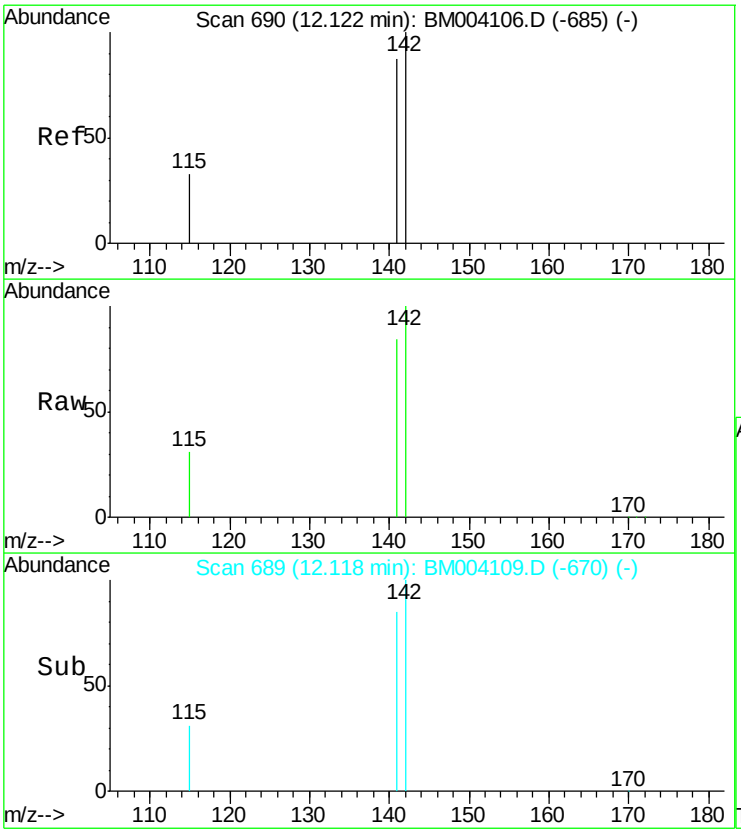
#11
Hexachlorobutadiene
Concen: 9.47 ng
RT: 10.78 min Scan# 569
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 35126

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	63.8	51.2	76.8

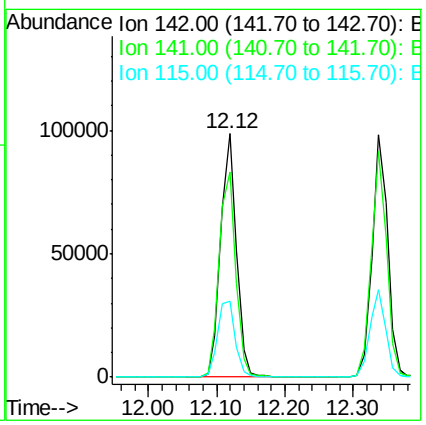


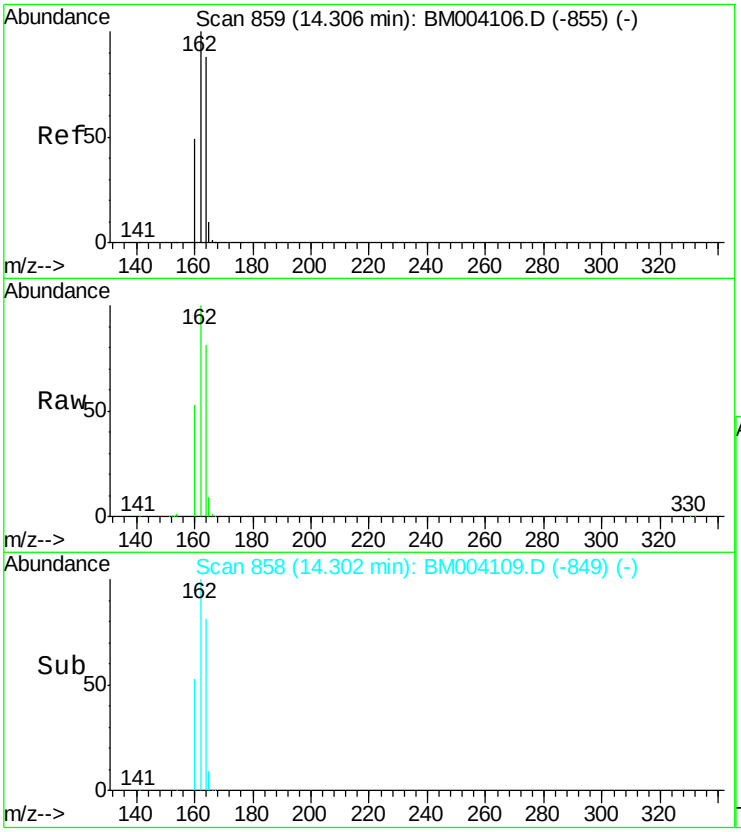


#12
2-Methylnaphthalene
Concen: 10.10 ng
RT: 12.12 min Scan# 689
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:142 Resp: 157627

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.8	101.8
115	30.9	25.3	37.9



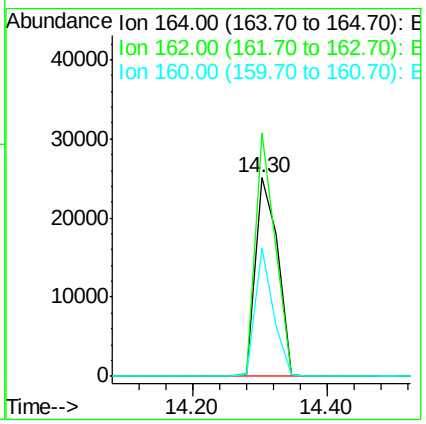


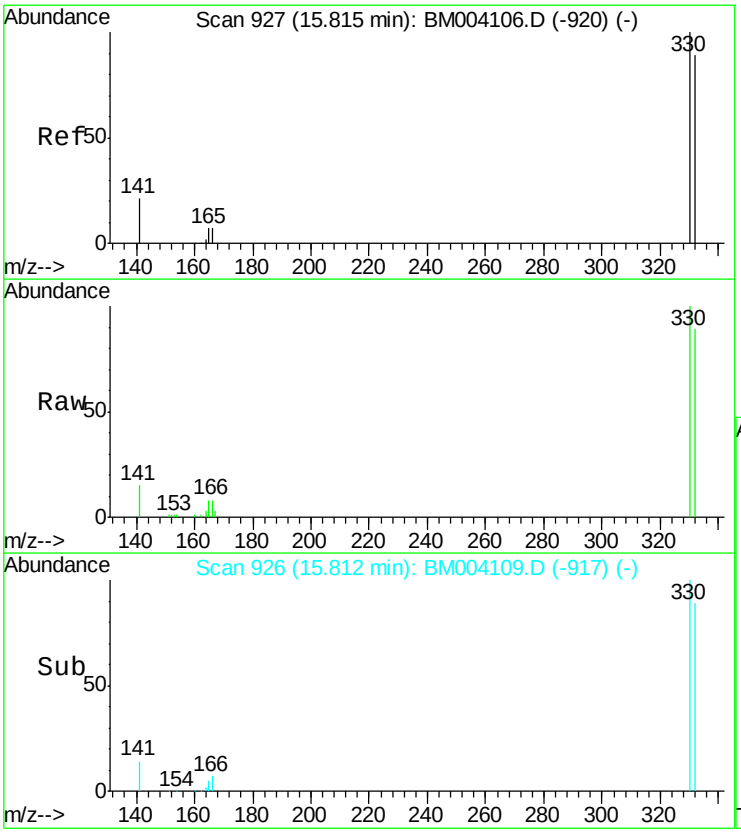
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.30 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 57724

Ion	Ratio	Lower	Upper
164	100		
162	122.8	86.0	129.0
160	64.6	40.3	60.5#

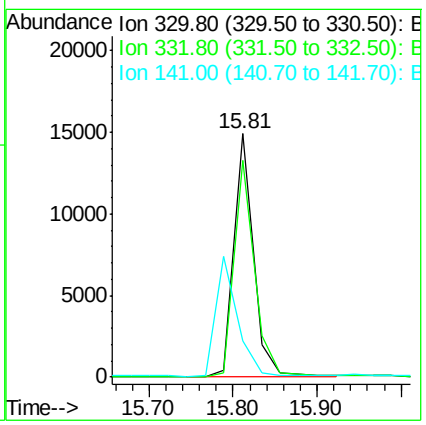


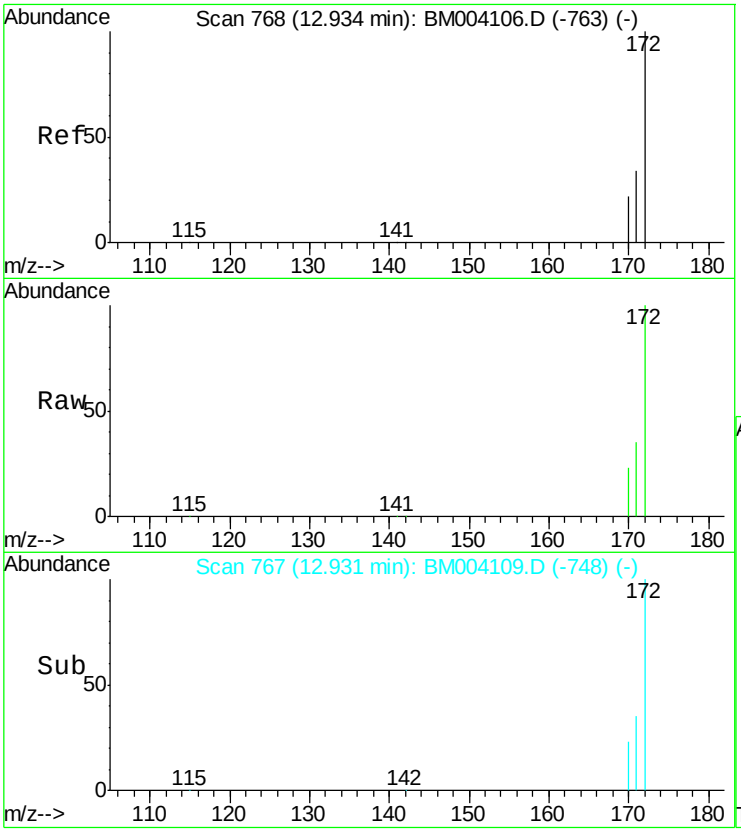


#14
2,4,6-Tribromophenol
Concen: 14.91 ng
RT: 15.81 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:330 Resp: 23476

Ion	Ratio	Lower	Upper
330	100		
332	92.9	79.0	118.4
141	0.0	27.8	41.6#



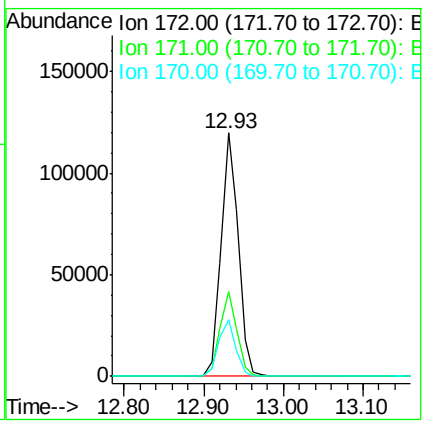


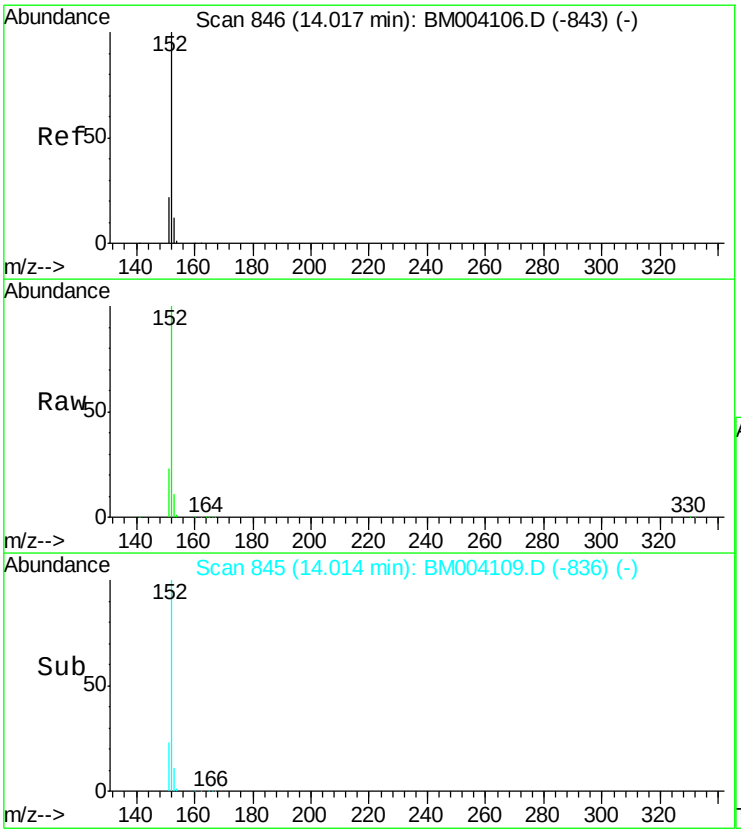
#15
2-Fluorobiphenyl
Concen: 10.13 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 178952

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.0	40.6
170	23.2	17.9	26.9

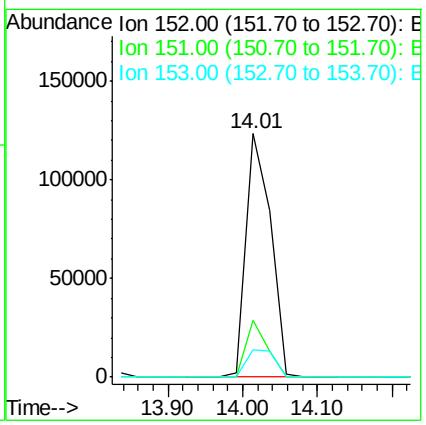


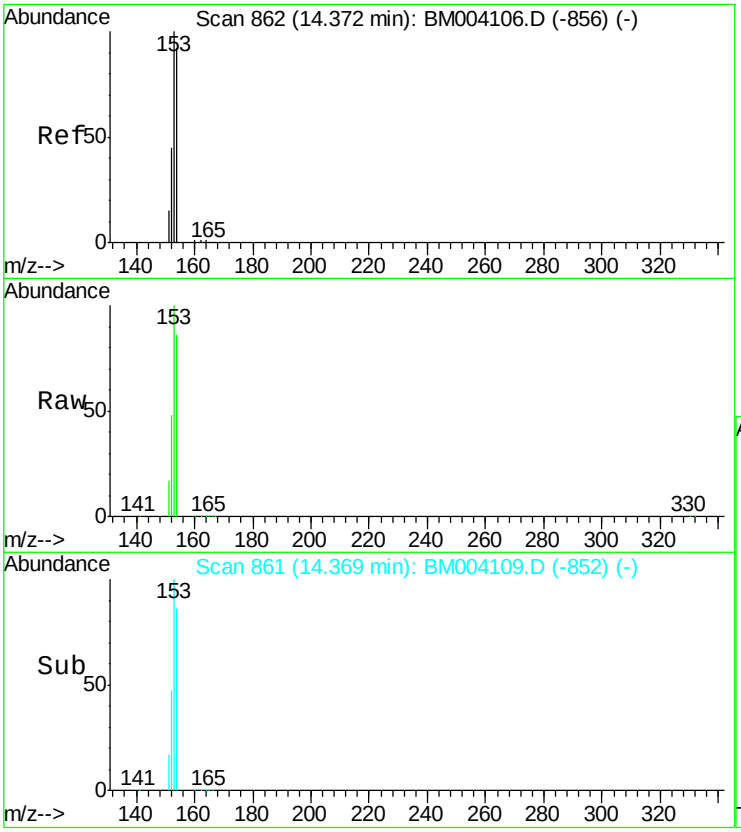


#16
Acenaphthylene
Concen: 11.53 ng
RT: 14.01 min Scan# 845
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:152 Resp: 281983

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.9	10.2	15.4



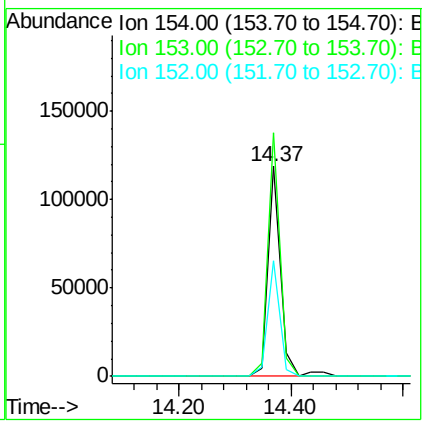


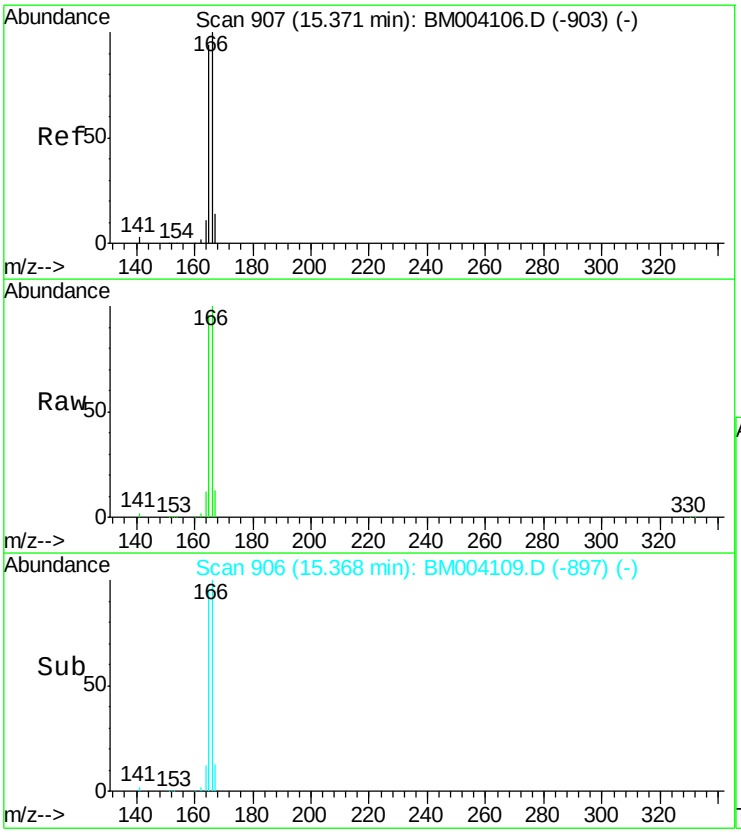
#17
Acenaphthene
Concen: 9.99 ng
RT: 14.37 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 188461

Ion	Ratio	Lower	Upper
154	100		
153	110.0	85.4	128.2
152	52.7	40.6	60.8

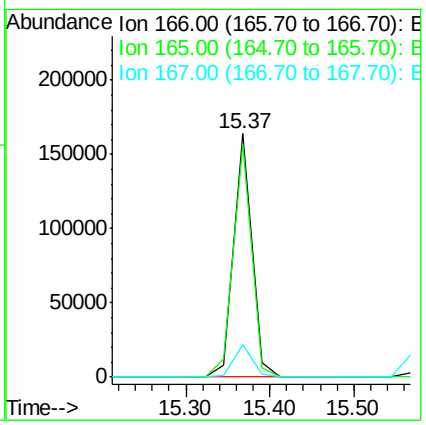


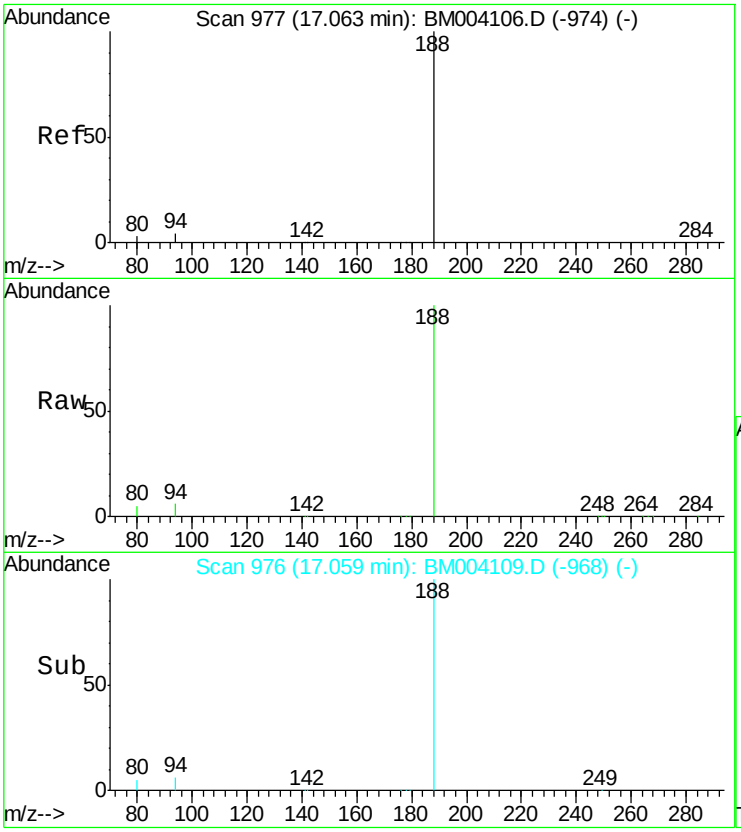


#18
Fluorene
Concen: 10.68 ng
RT: 15.37 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:166 Resp: 242937

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	13.3	11.0	16.6



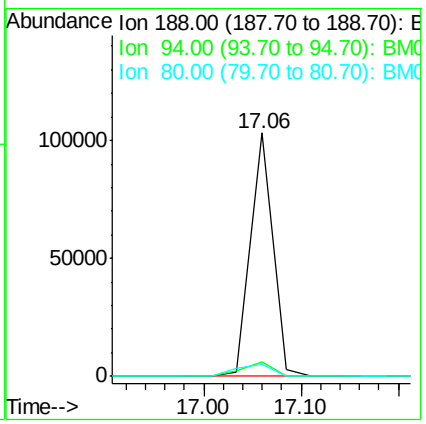


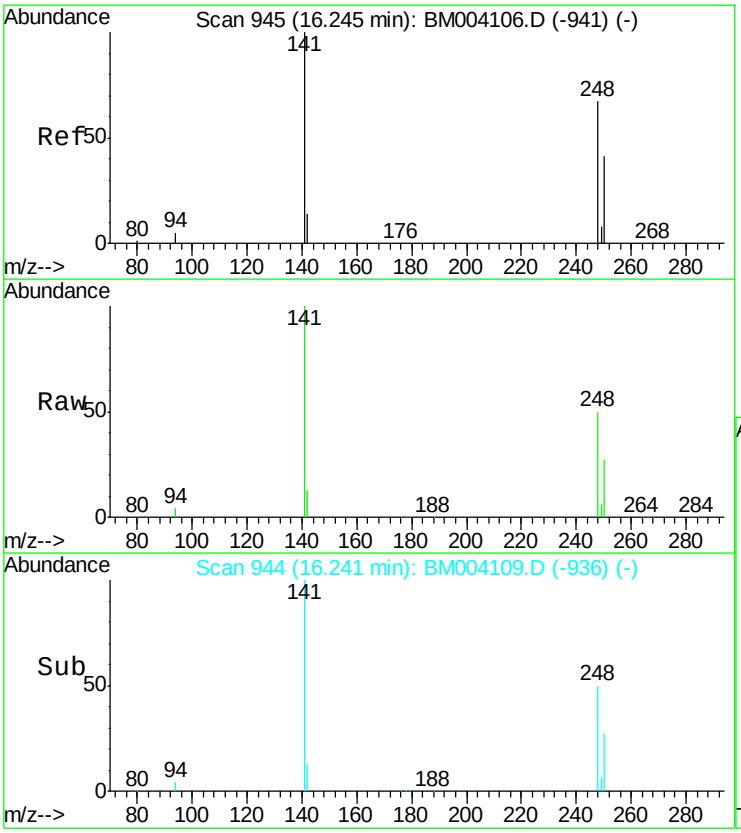
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 166201

Ion	Ratio	Lower	Upper
188	100		
94	5.7	20.3	30.5#
80	5.0	22.2	33.4#

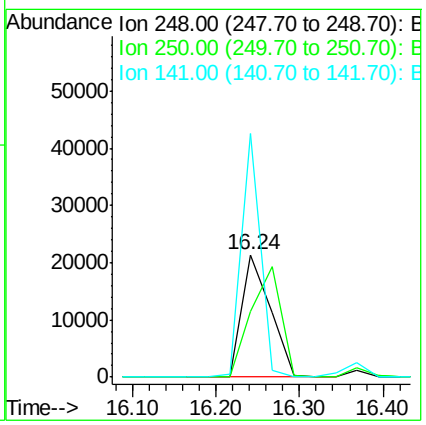


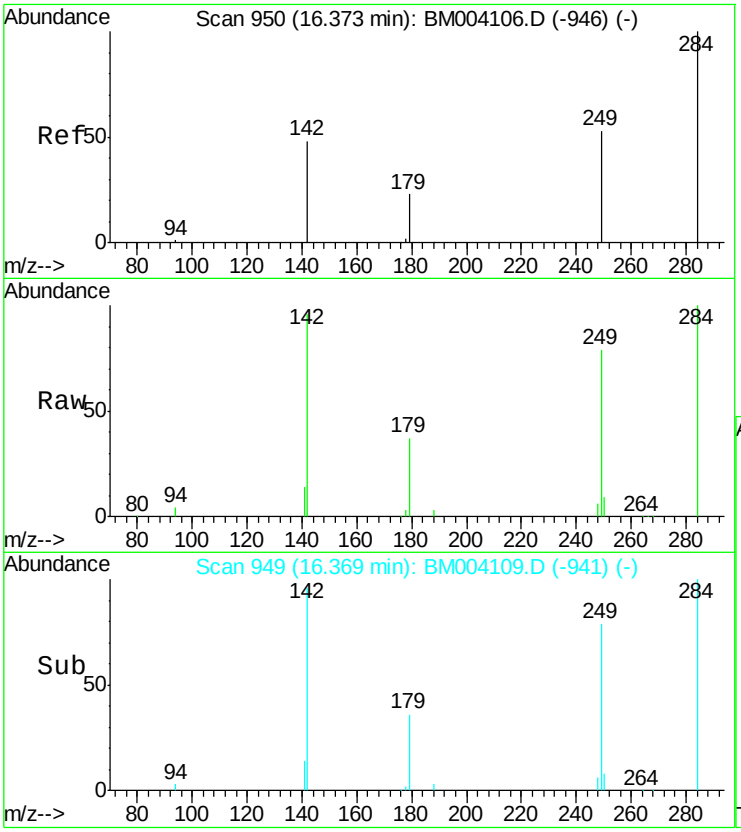


#20
4-Bromophenyl-phenylether
Concen: 9.23 ng
RT: 16.24 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:248 Resp: 50480

Ion	Ratio	Lower	Upper
248	100		
250	0.0	75.0	112.4#
141	134.2	53.0	79.4#



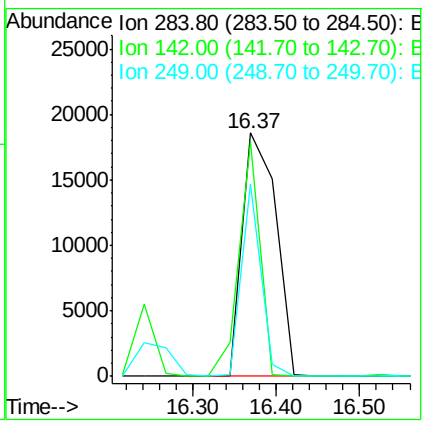


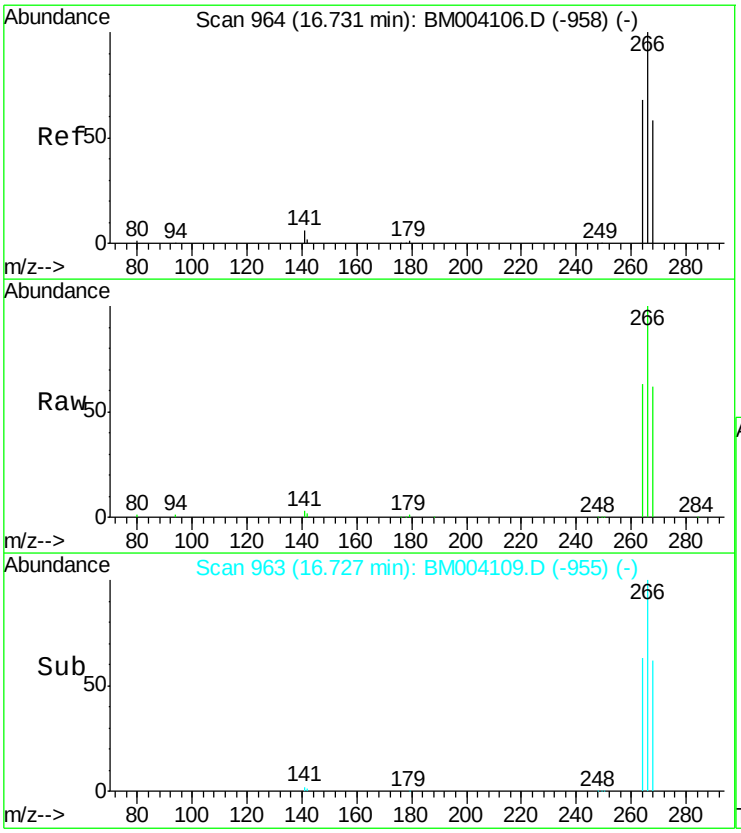
#21
Hexachlorobenzene
Concen: 8.97 ng
RT: 16.37 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 51680

Ion	Ratio	Lower	Upper
284	100		
142	60.6	22.2	33.4#
249	46.3	21.5	32.3#

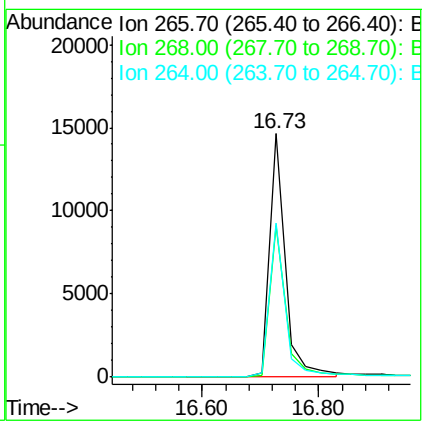


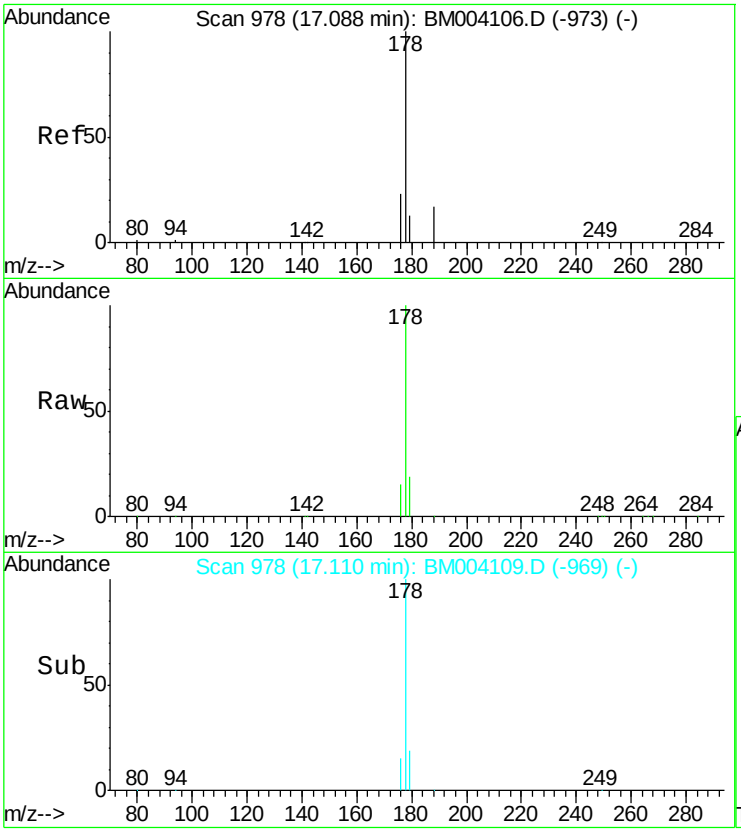


#22
Pentachlorophenol
Concen: 21.94 ng
RT: 16.73 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:266 Resp: 27393

Ion	Ratio	Lower	Upper
266	100		
268	61.9	62.7	94.1#
264	63.2	45.7	68.5



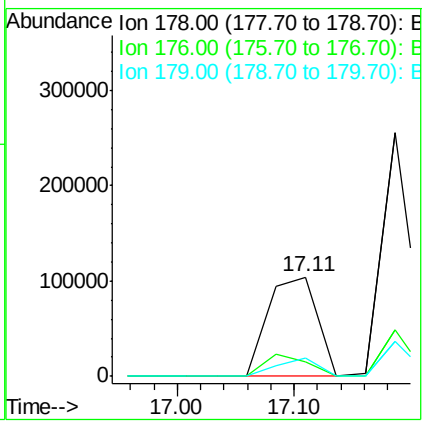


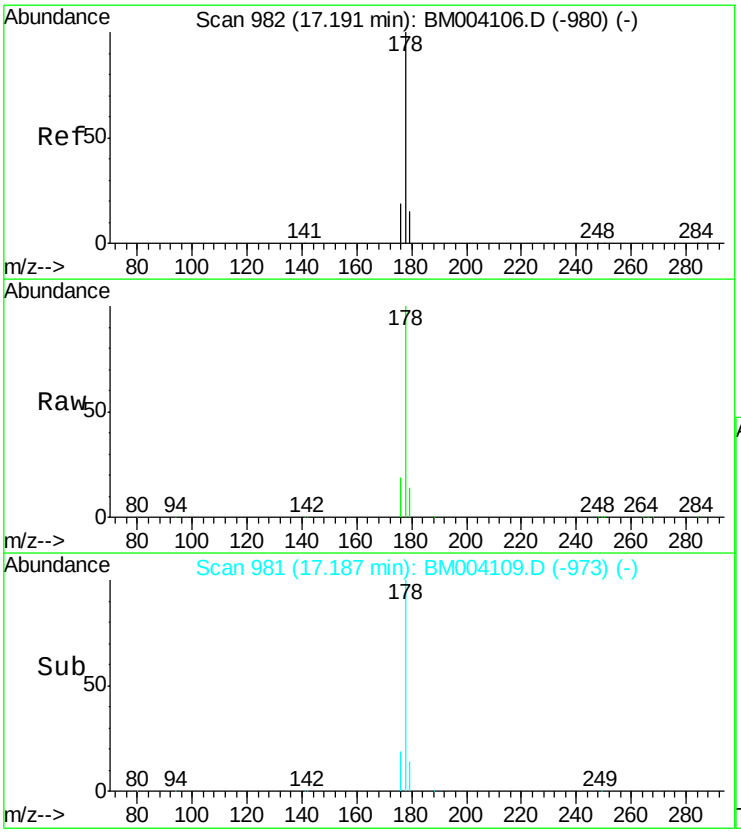
#23
Phenanthrene
Concen: 8.43 ng
RT: 17.11 min Scan# 978
Delta R.T. 0.02 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 306735

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	15.6	12.2	18.4

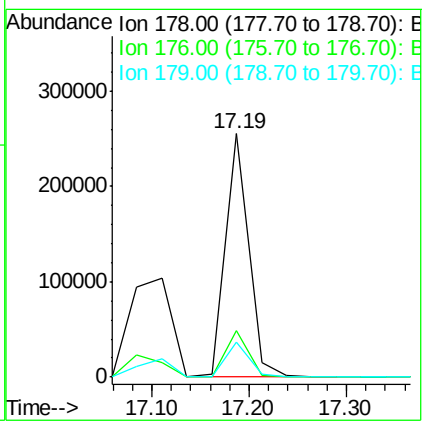


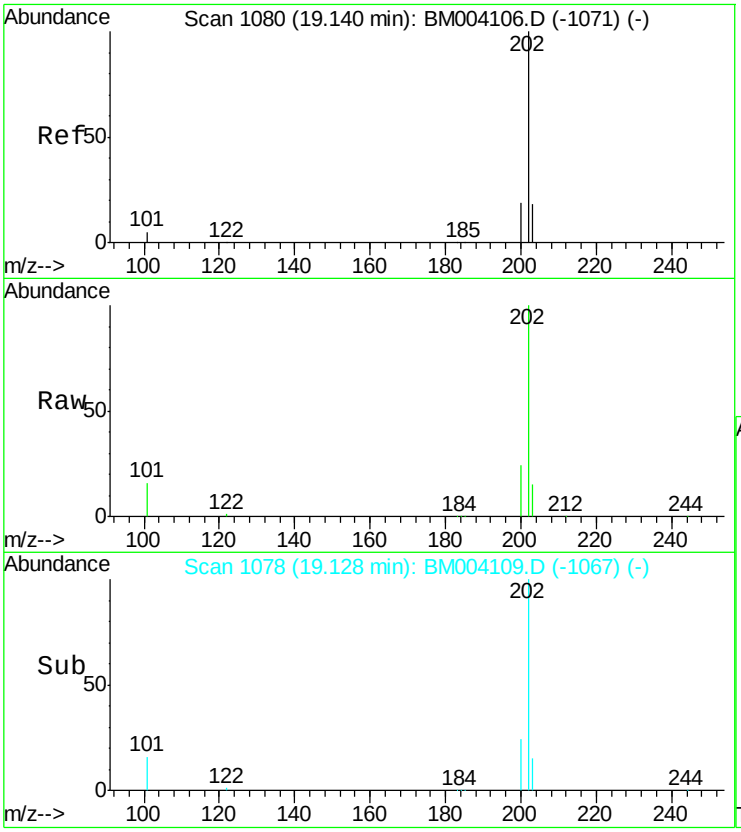


#24
Anthracene
Concen: 11.27 ng
RT: 17.19 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:178 Resp: 421433

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	14.7	12.6	19.0



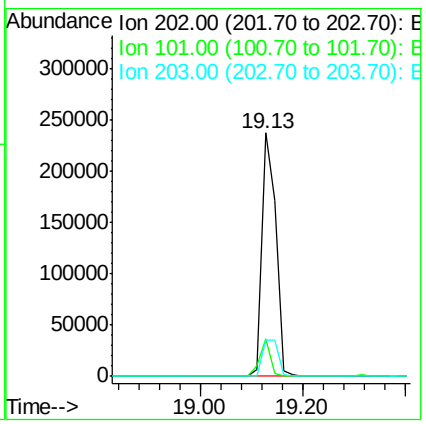


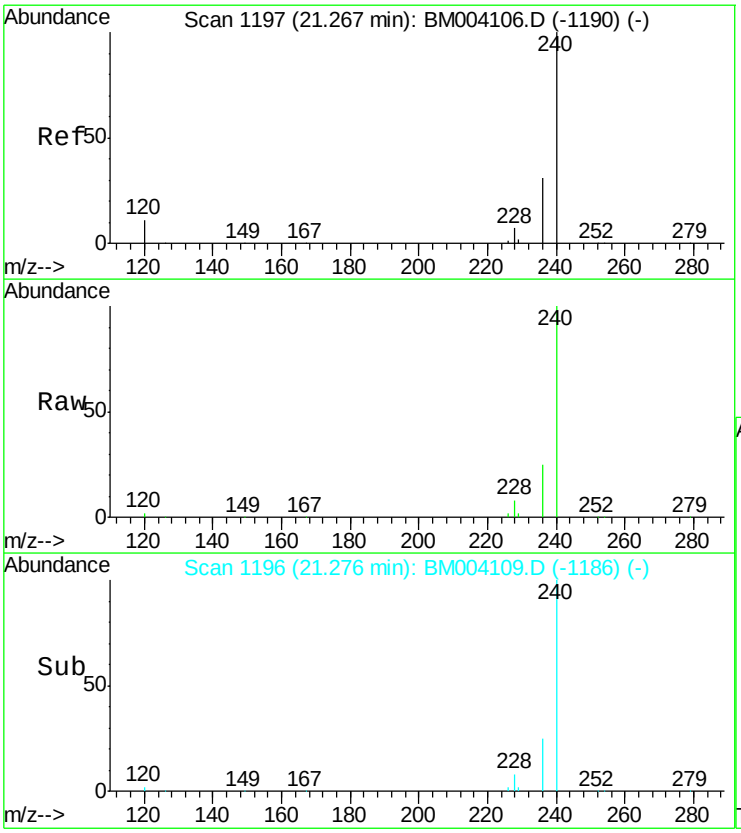
#25
Fluoranthene
Concen: 9.69 ng
RT: 19.13 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 438179

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.2	13.8	20.8

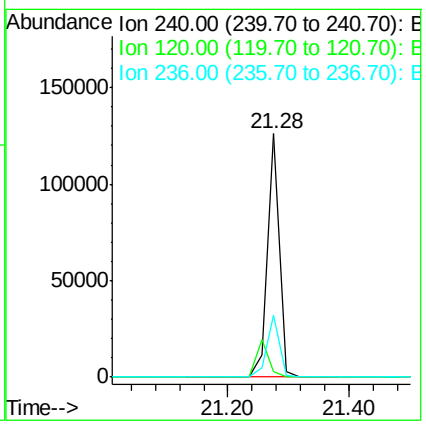


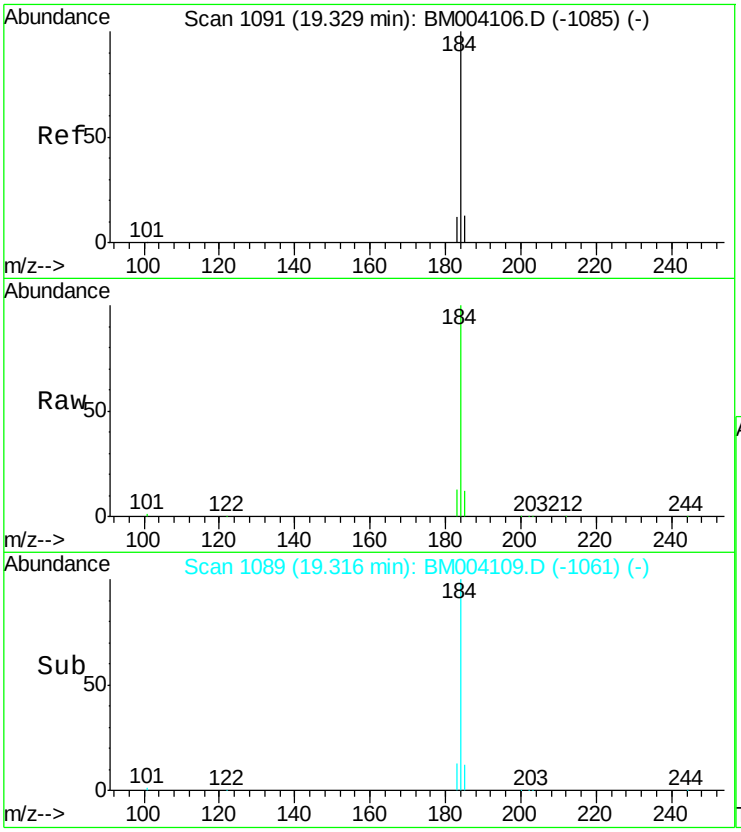


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:240 Resp: 173912

Ion	Ratio	Lower	Upper
240	100		
120	2.4	0.9	1.3#
236	25.3	17.3	25.9



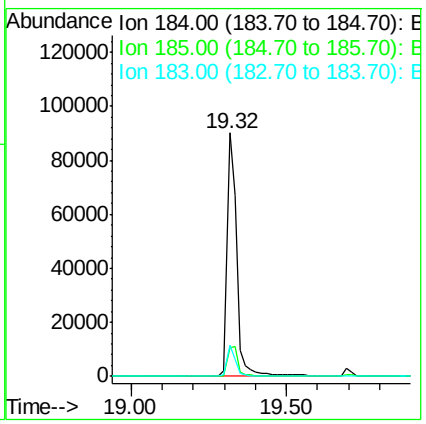


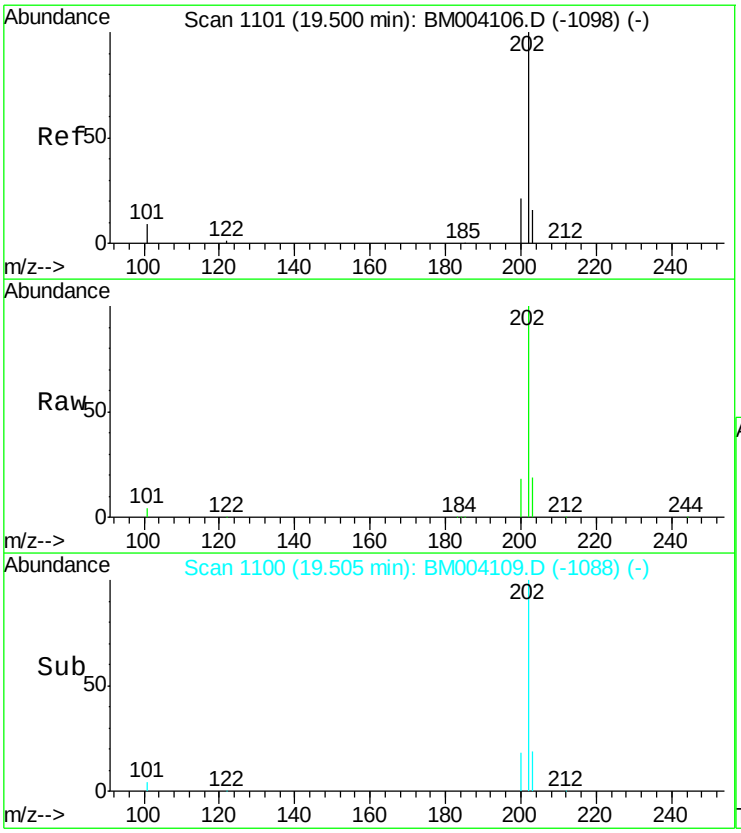
#27
Benzidine
Concen: 27.46 ng
RT: 19.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 189200

Ion	Ratio	Lower	Upper
184	100		
185	11.8	13.2	19.8#
183	13.0	9.0	13.6

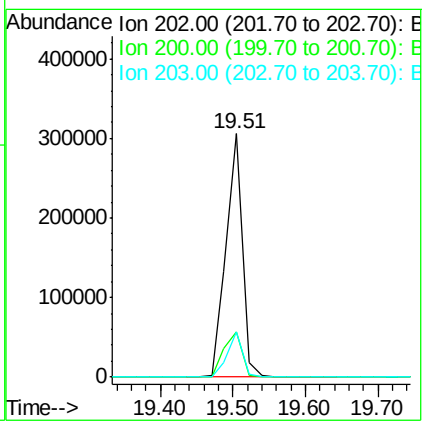


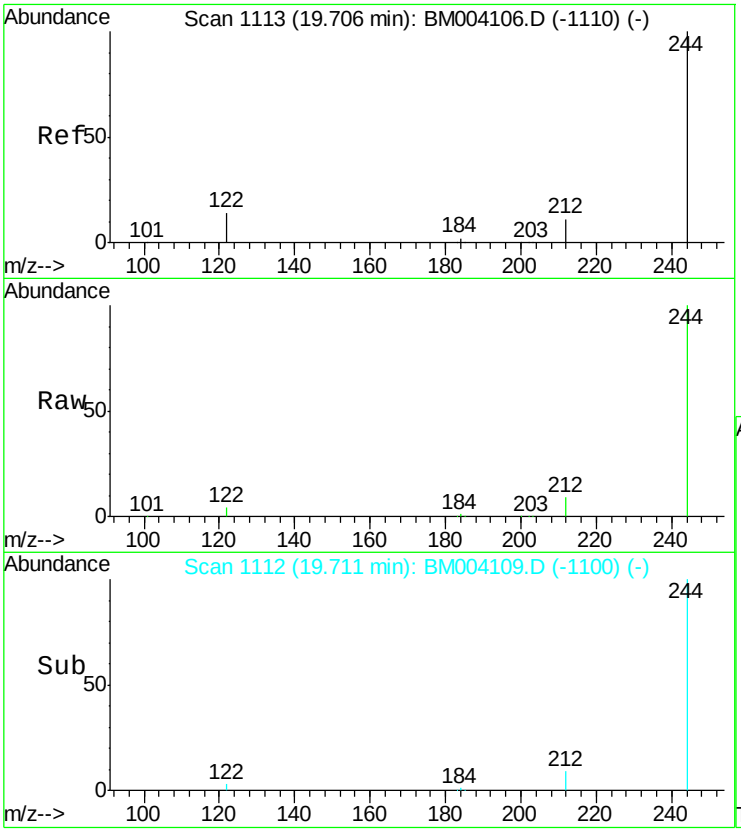


#28
Pyrene
Concen: 9.53 ng
RT: 19.51 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:202 Resp: 474131

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	14.0	21.0



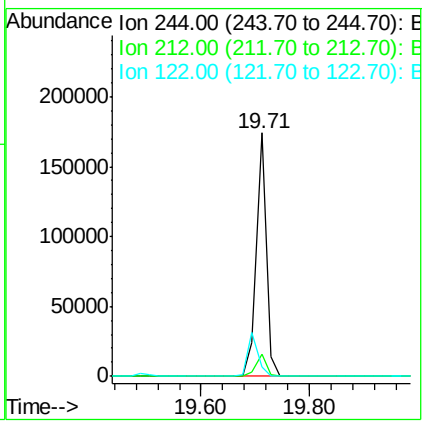


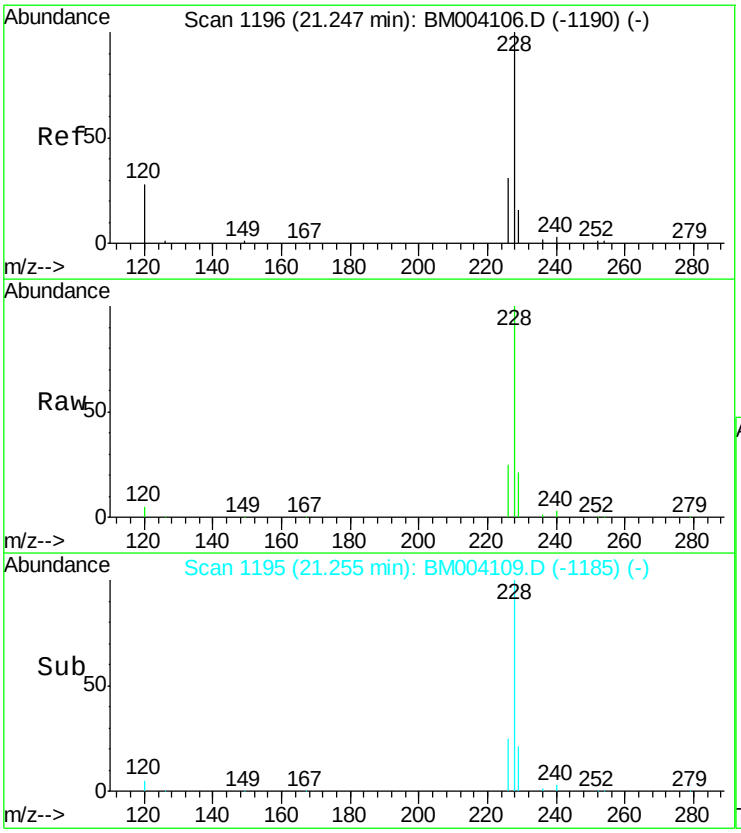
#29
Terphenyl-d14
Concen: 9.79 ng
RT: 19.71 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 219482

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	3.6	3.0	4.6

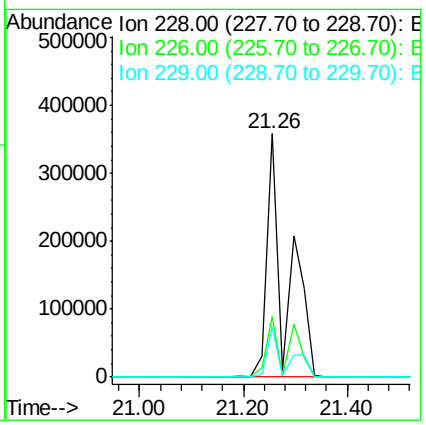


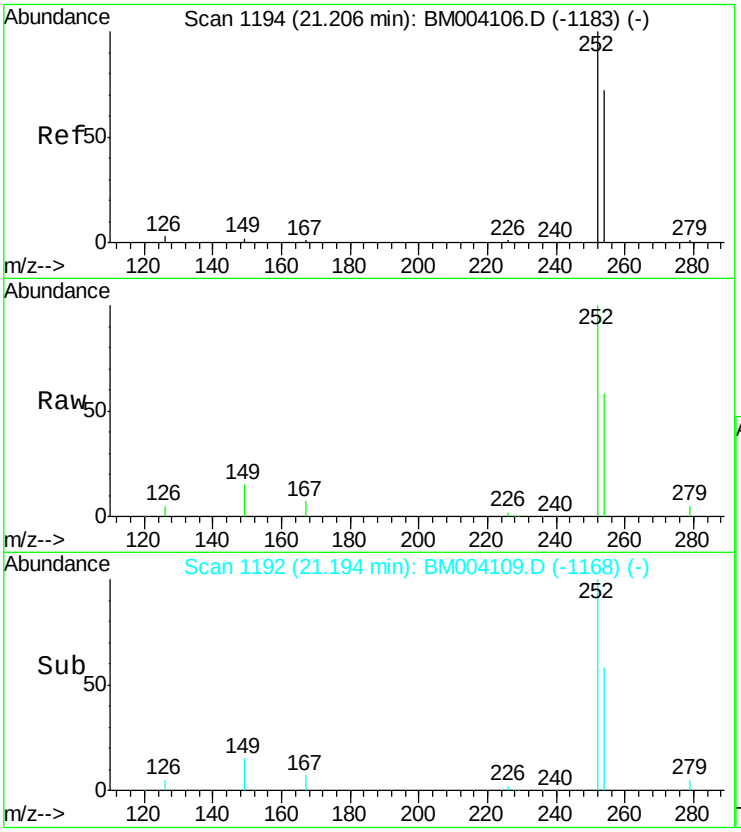


#30
Benzo(a)anthracene
Concen: 17.19 ng
RT: 21.26 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:228 Resp: 916521

Ion	Ratio	Lower	Upper
228	100		
226	25.0	17.2	25.8
229	20.9	18.7	28.1



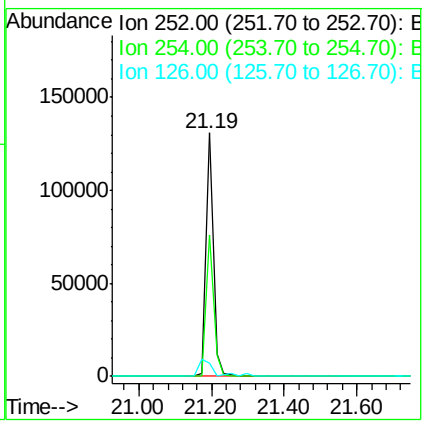


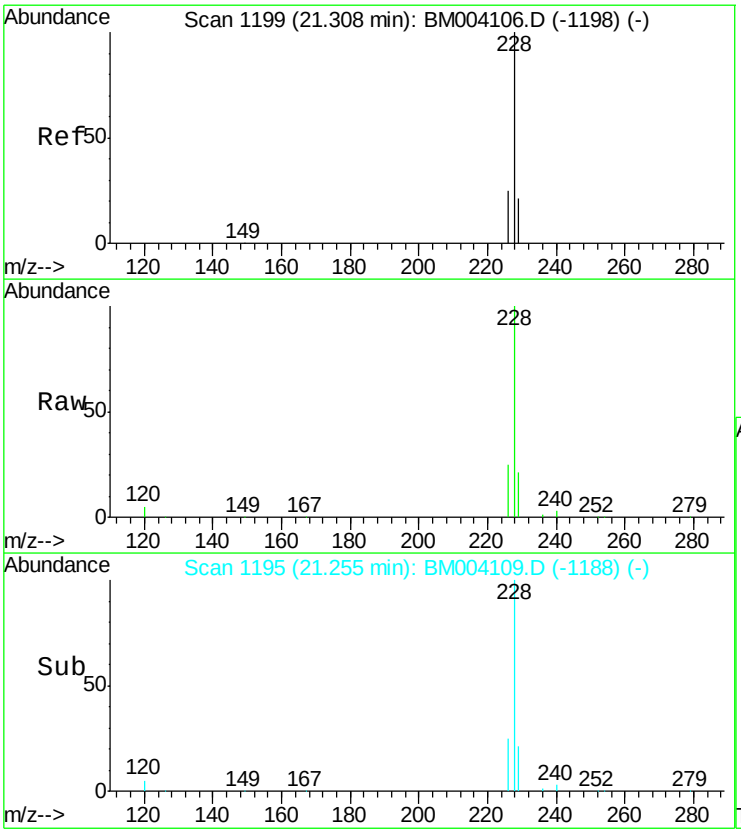
#31
3,3'-Dichlorobenzidine
Concen: 16.94 ng
RT: 21.19 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 183315

Ion	Ratio	Lower	Upper
252	100		
254	58.0	52.6	79.0
126	5.5	3.7	5.5

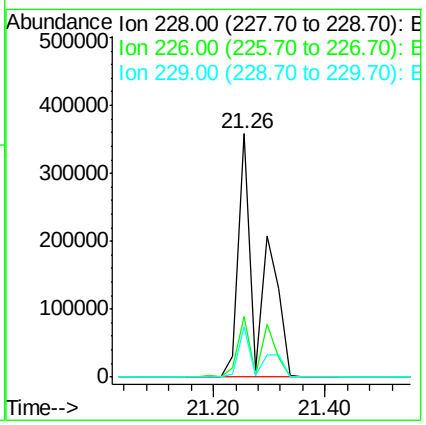


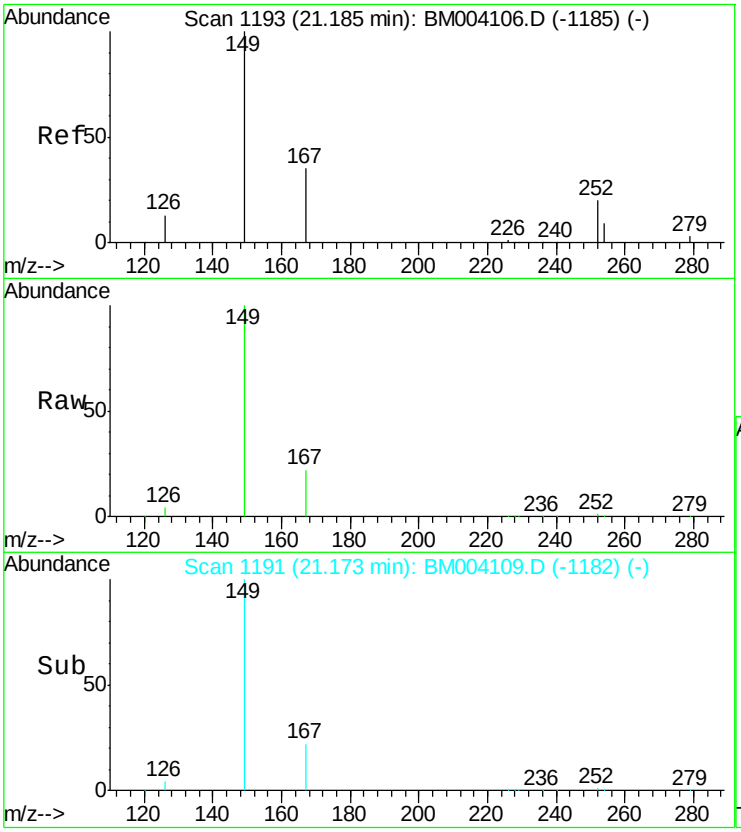


#32
Chrysene
Concen: 18.93 ng
RT: 21.26 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:228 Resp: 917641

Ion	Ratio	Lower	Upper
228	100		
226	25.0	25.3	37.9#
229	20.9	14.5	21.7



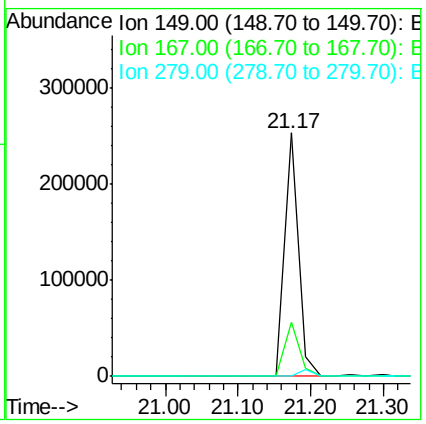


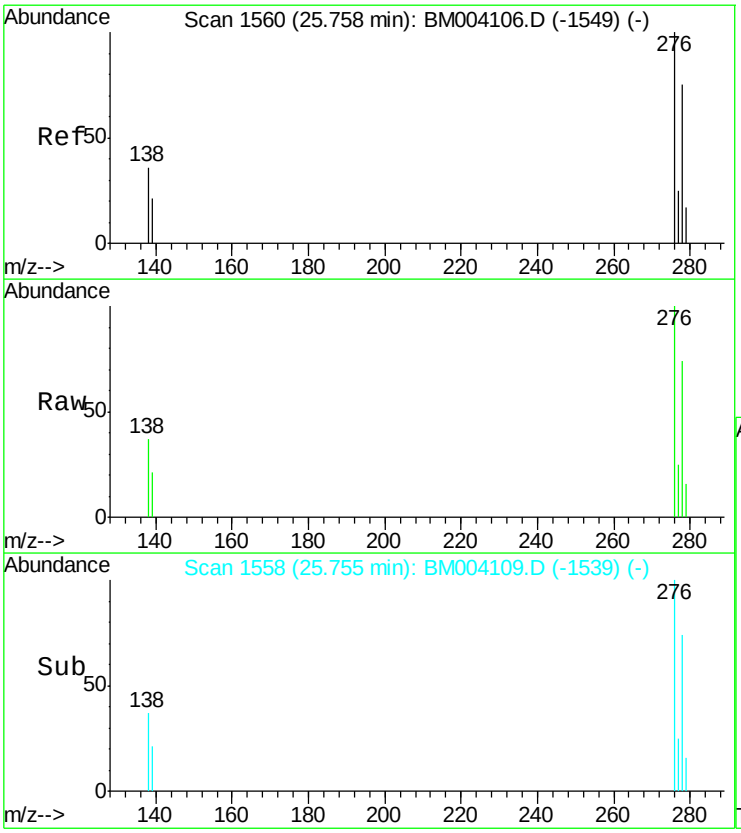
#33
Bis(2-ethylhexyl)phthalate
Concen: 17.97 ng
RT: 21.17 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 338145

Ion	Ratio	Lower	Upper
149	100		
167	23.7	20.1	30.1
279	0.0	1.8	2.6#

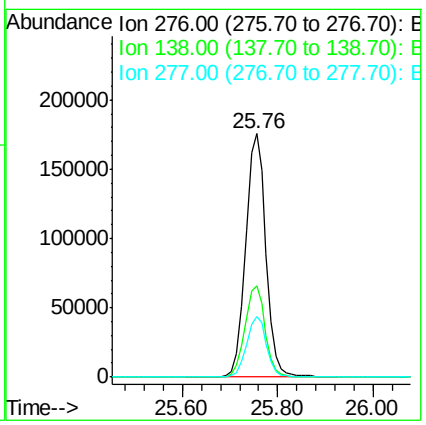


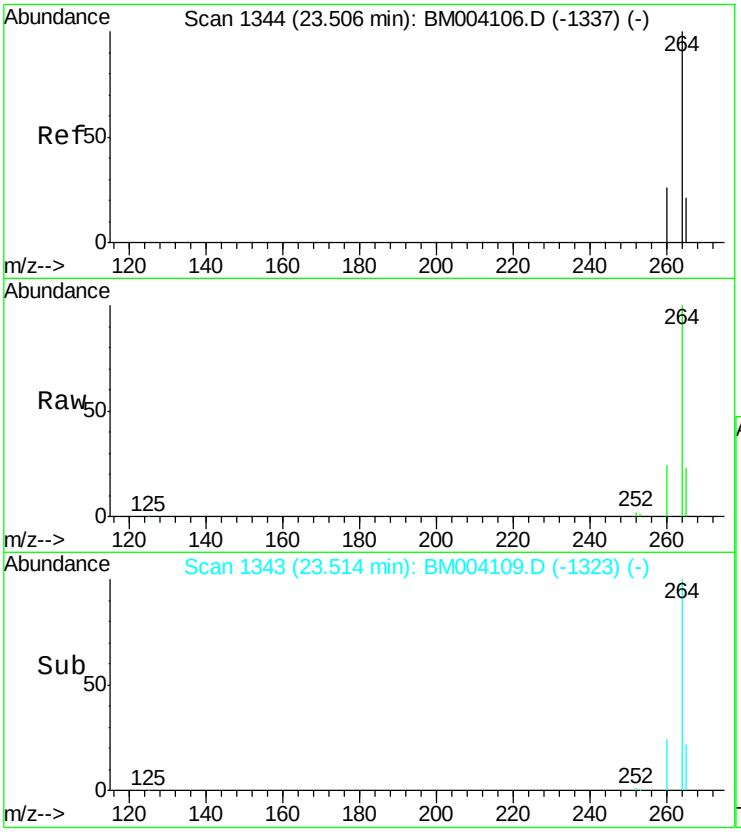


#34
Indeno(1,2,3-cd)pyrene
Concen: 10.16 ng
RT: 25.76 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:276 Resp: 516007

Ion	Ratio	Lower	Upper
276	100		
138	37.4	30.2	45.2
277	24.8	19.8	29.8



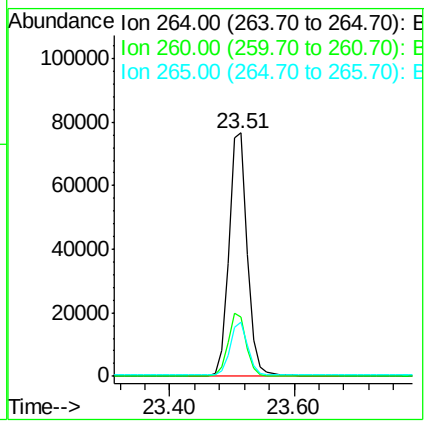


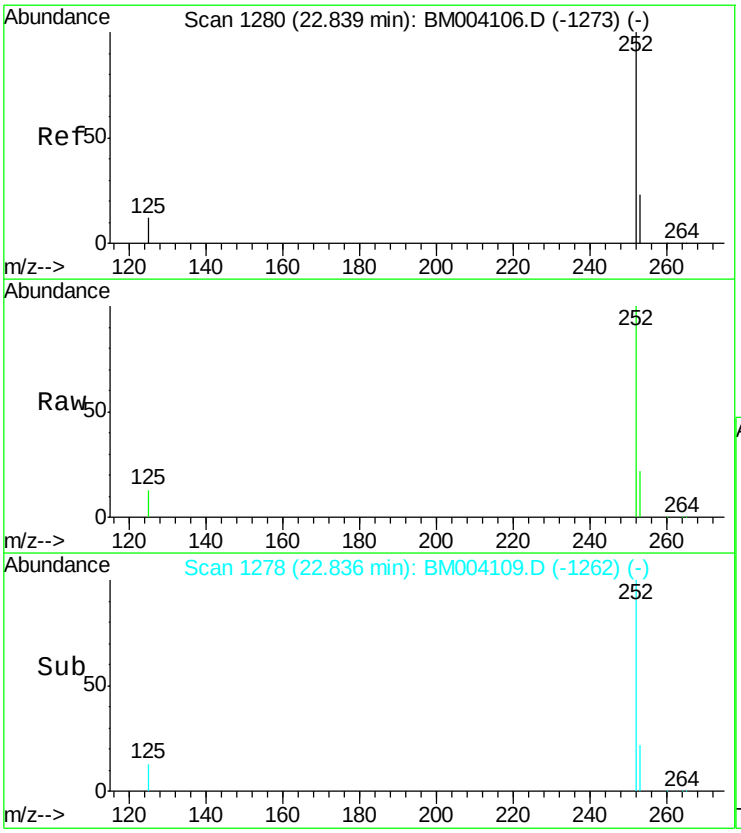
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 158330

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.2	31.8
265	22.5	16.7	25.1

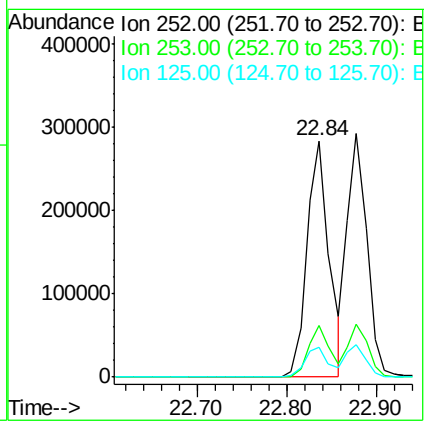


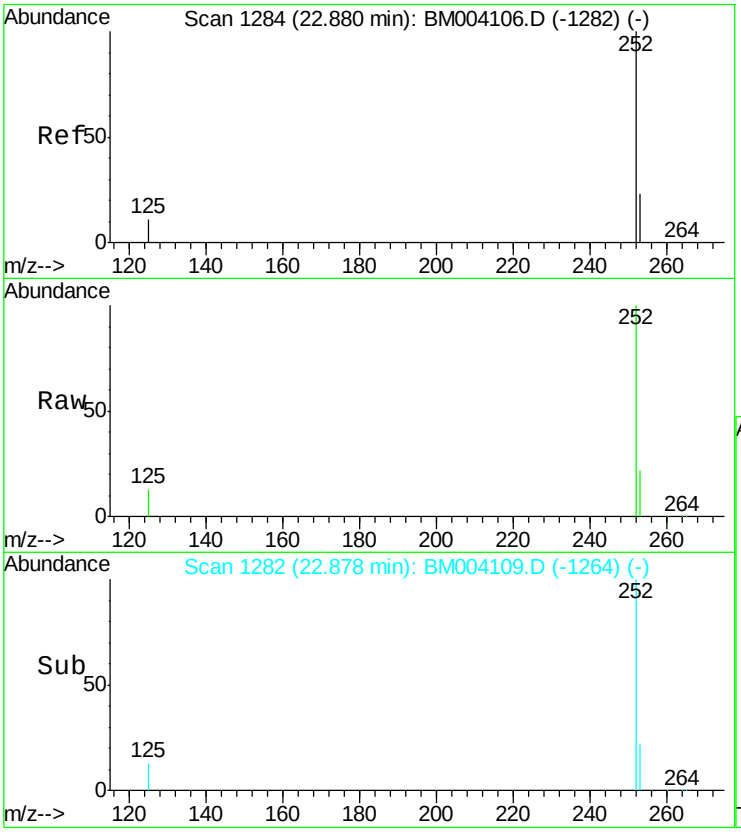


#36
Benzo(b)fluoranthene
Concen: 10.70 ng
RT: 22.84 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:252 Resp: 520971

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	12.7	10.2	15.4



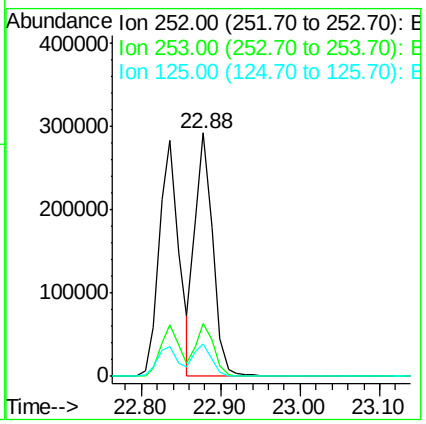


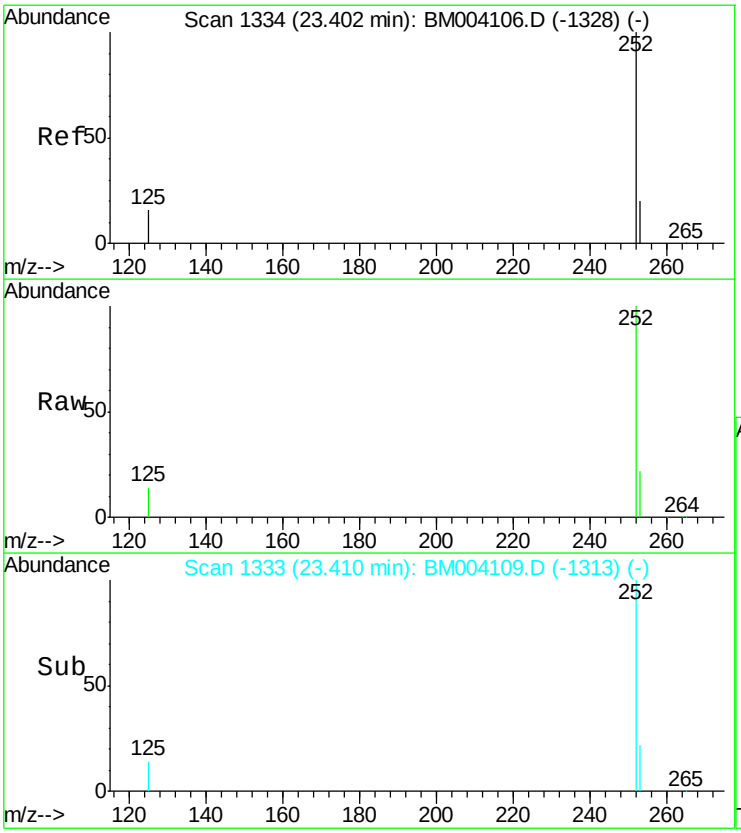
#37
Benzo(k)fluoranthene
Concen: 10.14 ng
RT: 22.88 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 449839

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	13.2	10.6	15.8

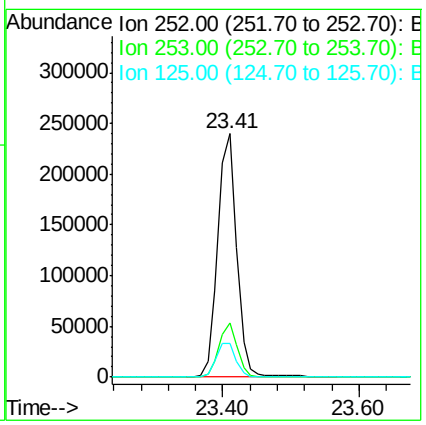


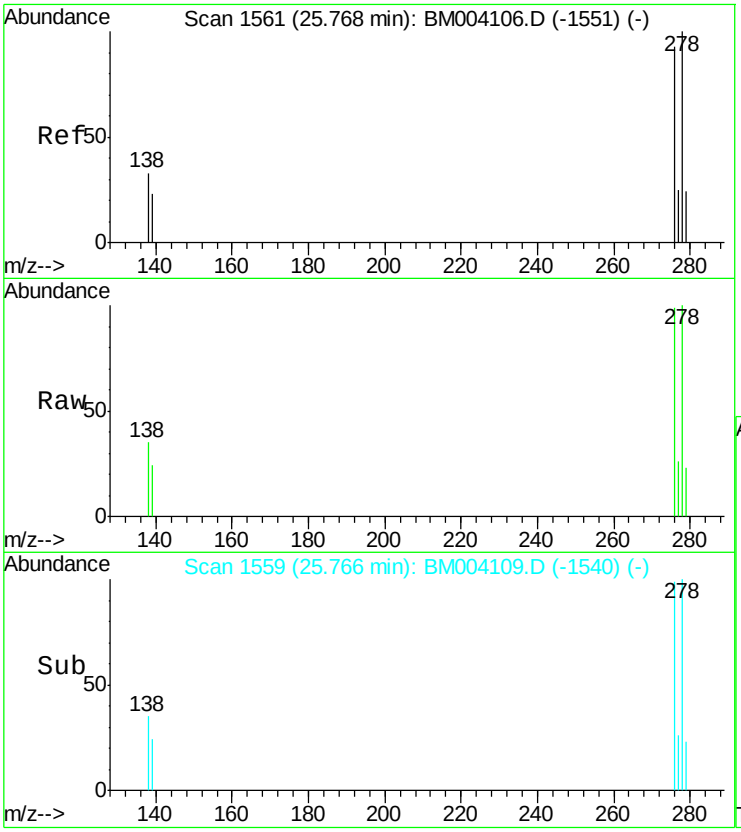


#38
Benzo(a)pyrene
Concen: 10.72 ng
RT: 23.41 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:252 Resp: 459551

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	13.9	11.8	17.8



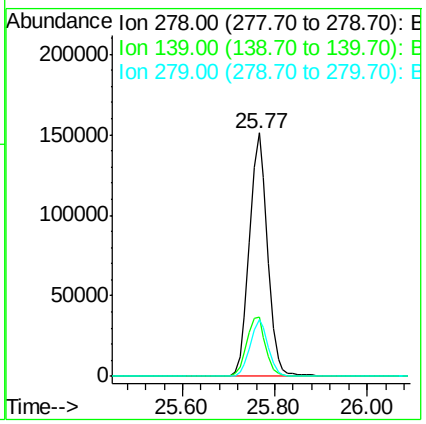


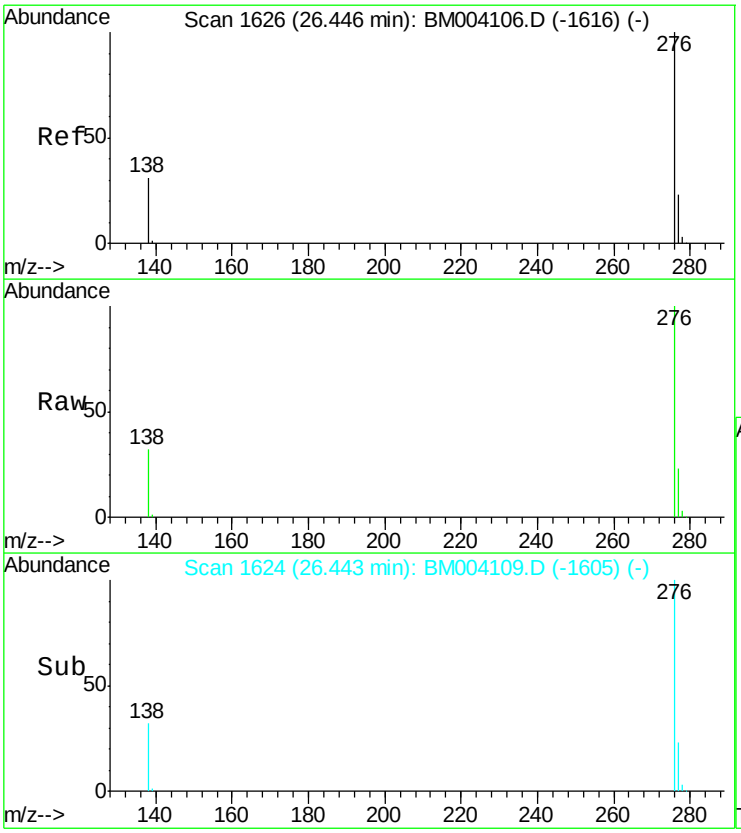
#39
Dibenzo(a,h)anthracene
Concen: 10.75 ng
RT: 25.77 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 413777

Ion	Ratio	Lower	Upper
278	100		
139	24.2	19.0	28.6
279	23.2	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 10.33 ng
RT: 26.44 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BM004109.D
Acq: 22 Jan 2016 14:03

Tgt Ion:276 Resp: 436159

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	31.8	25.0	37.4