Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002919.D
Acq On : 15 Oct 2015 18:08
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Oct 16 06:56:56 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	75540	5.00	ng		0.00
7) Naphthalene-d8	11.50	136	313446	5.00	ng		0.00
13) Acenaphthene-d10	15.23	164	176350	5.00	ng		0.00
19) Phenanthrene-d10	17.96	188	360905	5.00	ng		0.00
26) Chrysene-d12	22.04	240	385457	5.00	ng		0.00
35) Perylene-d12	24.60	264	346272	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.15	112	12764	0.90	ng		-0.02
5) Phenol-d6	7.80	99	17648	0.98	ng		0.00
8) Nitrobenzene-d5	9.86	82	13954	0.93	ng		-0.02
14) 2,4,6-Tribromophenol	16.72	330	4828	0.84	ng		0.00
15) 2-Fluorobiphenyl	13.88	172	52910	0.94	ng		0.00
29) Terphenyl-d14	20.49	244	53945	0.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	6625	0.96	ng		98
3) n-Nitrosodimethylamine	4.17	42	5272	0.98	ng		99
6) bis(2-Chloroethyl)ether	8.06	93	16466	0.96	ng		95
9) Nitrobenzene	9.92	77	14732	0.93	ng		98
10) Naphthalene	11.56	128	67559	0.97	ng		99
11) Hexachlorobutadiene	11.81	225	10786	0.96	ng		100
12) 2-Methylnaphthalene	13.12	142	45800	0.98	ng		93
16) Acenaphthylene	14.97	152	71701	0.93	ng		100
17) Acenaphthene	15.30	154	47360	0.90	ng	#	100
18) Fluorene	16.28	166	59026	0.94	ng		100
20) 4-Bromophenyl-phenylether	17.14	248	15077	1.01	ng	#	54
21) Hexachlorobenzene	17.27	284	20830	1.56	ng	#	89
22) Pentachlorophenol	17.62	266	1366	1.03	ng		94
23) Phenanthrene	17.98	178	97193	1.16	ng		98
24) Anthracene	18.08	178	89605	1.12	ng		99
25) Fluoranthene	19.95	202	102113	1.10	ng		100
27) Benzidine	20.13	184	37910	0.80	ng		100
28) Pyrene	20.31	202	106475	0.94	ng		100
30) Benzo(a)anthracene	22.02	228	130502	1.17	ng		99
31) 3,3'-Dichlorobenzidine	21.94	252	32697	0.87	ng		98
32) Chrysene	22.02	228	130345	1.25	ng		97
33) Bis(2-ethylhexyl)phthalate	21.86	149	43927	0.78	ng	#	85
34) Indeno(1,2,3-cd)pyrene	27.31	276	101780	0.95	ng		100
36) Benzo(b)fluoranthene	23.82	252	94320	0.95	ng		99
37) Benzo(k)fluoranthene	23.87	252	96033	0.99	ng		99
38) Benzo(a)pyrene	24.50	252	82397	0.94	ng		99
39) Dibenzo(a,h)anthracene	27.31	278	81230	0.97	ng		98
40) Benzo(g,h,i)perylene	28.16	276	85905	0.98	ng		98

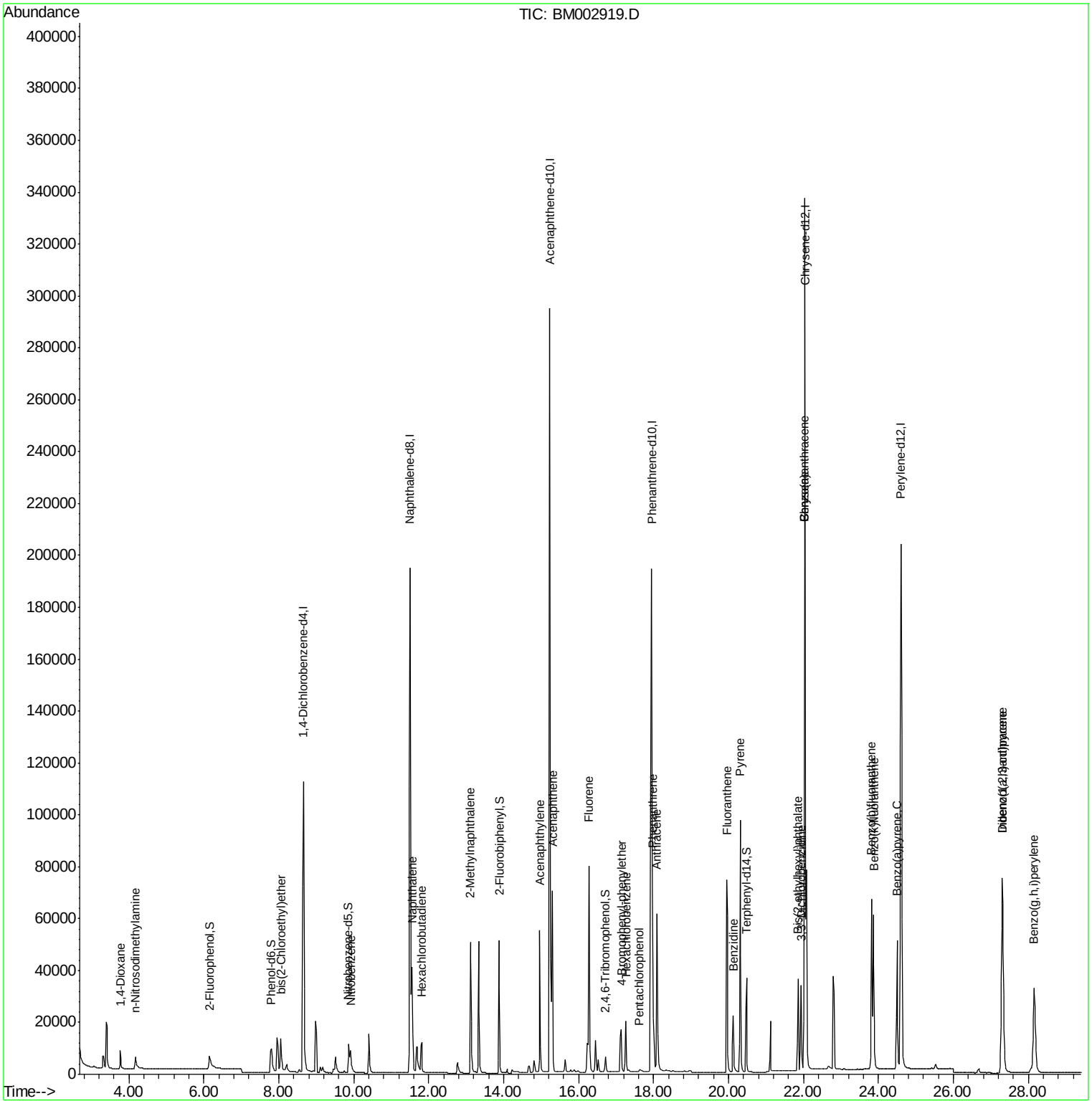
(#) = qualifier out of range (m) = manual integration (+) = signals summed

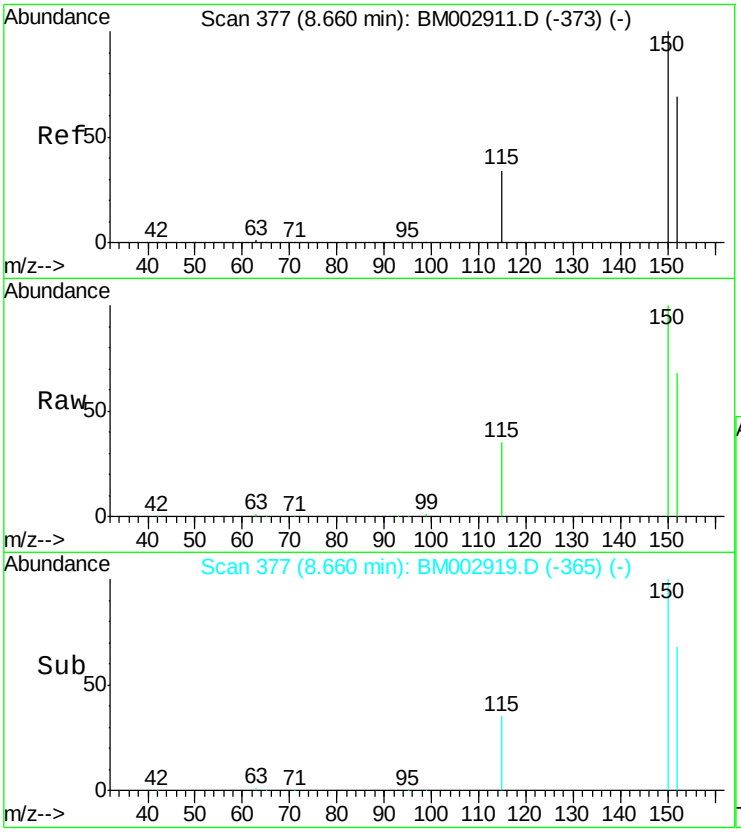
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002919.D
Acq On : 15 Oct 2015 18:08
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Oct 16 06:56:56 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration



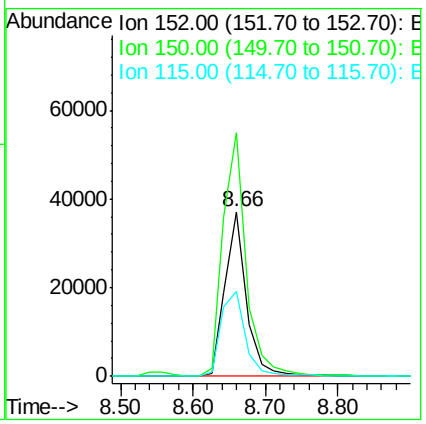


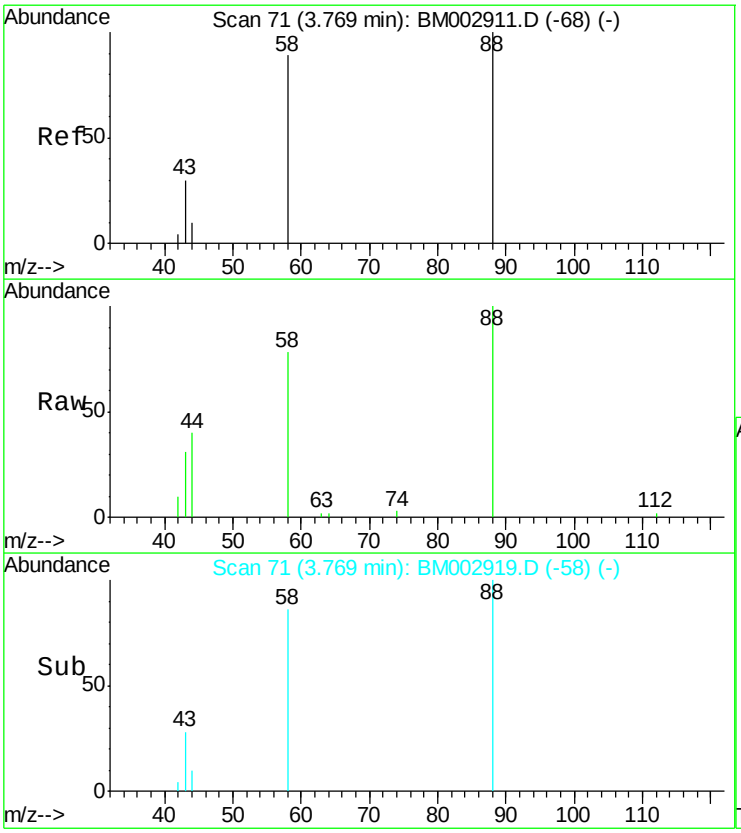
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 75540

Ion	Ratio	Lower	Upper
152	100		
150	147.9	113.0	169.6
115	51.6	37.9	56.9

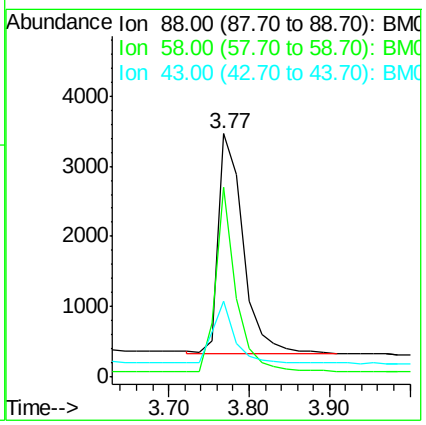


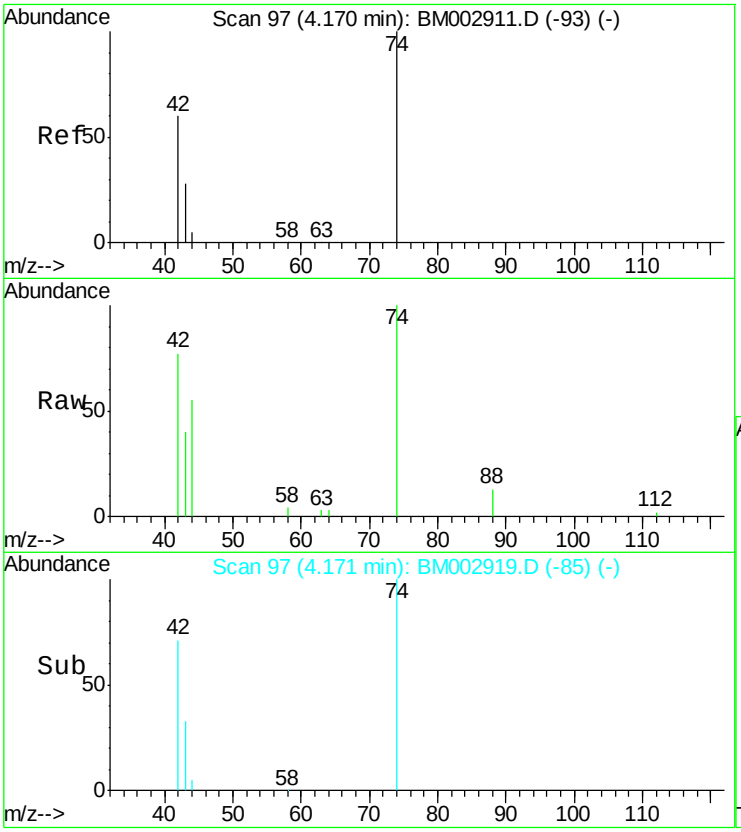


#2
1,4-Dioxane
Concen: 0.96 ng
RT: 3.77 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion: 88 Resp: 6625

Ion	Ratio	Lower	Upper
88	100		
58	70.4	56.7	85.1
43	25.0	22.0	33.0



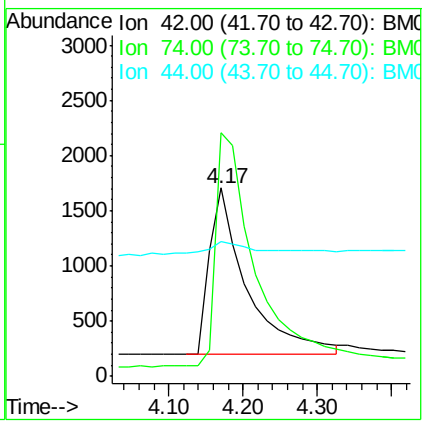


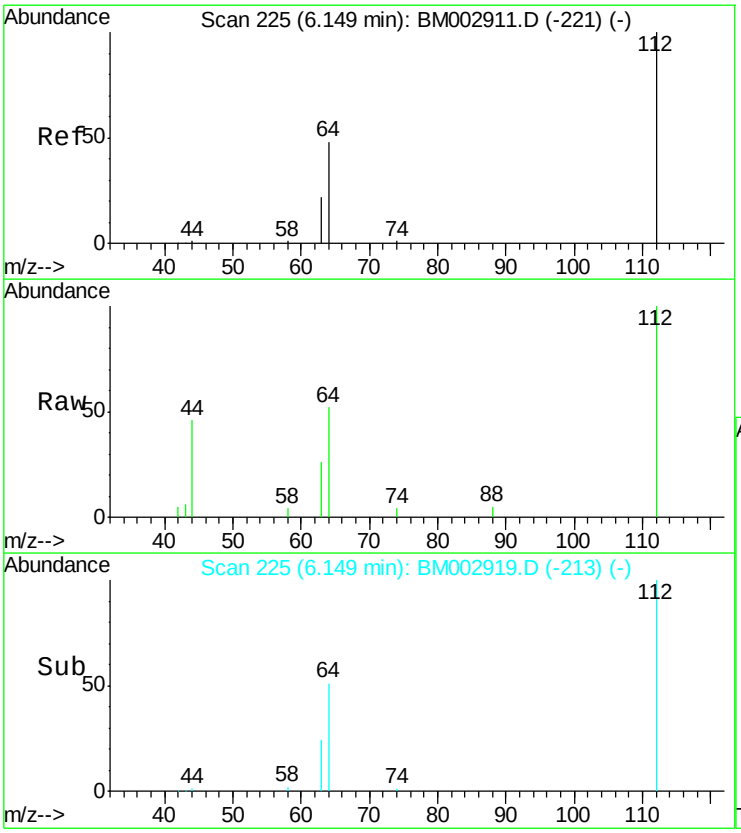
#3
n-Nitrosodimethylamine
Concen: 0.98 ng
RT: 4.17 min Scan# 97
Delta R.T. -0.02 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 5272

Ion	Ratio	Lower	Upper
42	100		
74	150.8	119.7	179.5
44	11.2	9.8	14.6

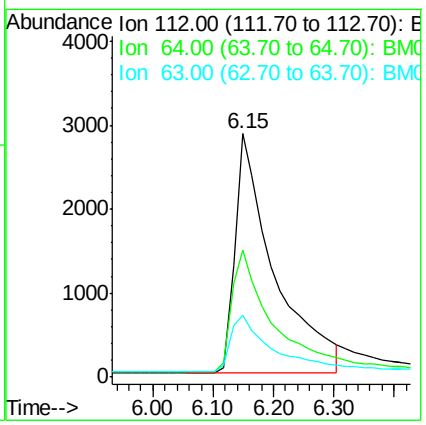


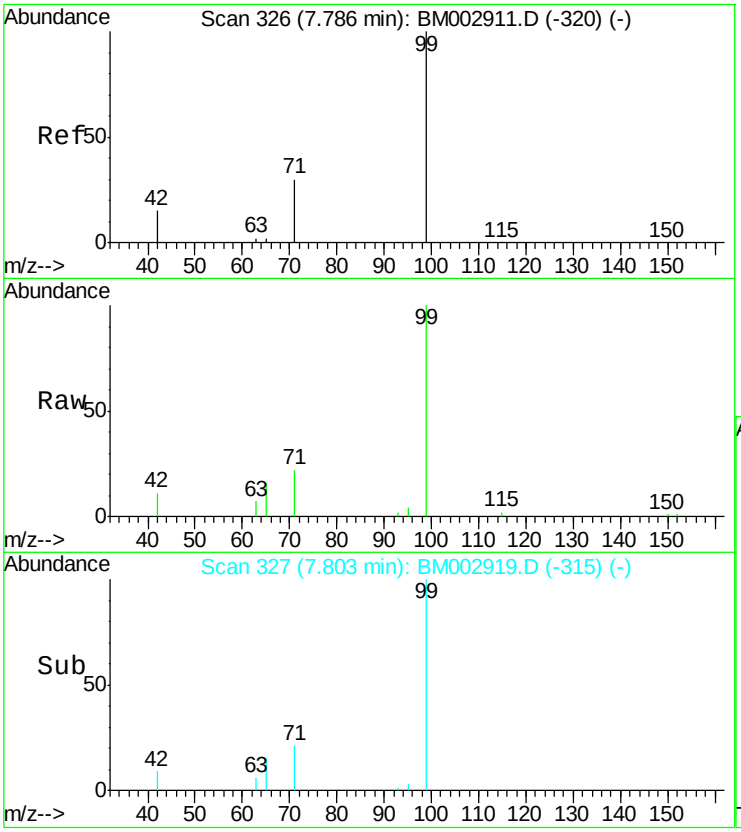


#4
2-Fluorophenol
Concen: 0.90 ng
RT: 6.15 min Scan# 225
Delta R.T. -0.02 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:112 Resp: 12764

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.0	63.0
63	24.9	20.0	30.0



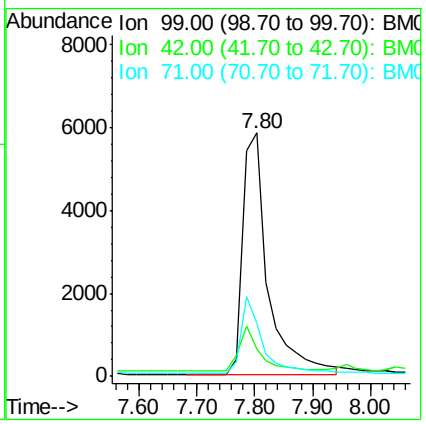


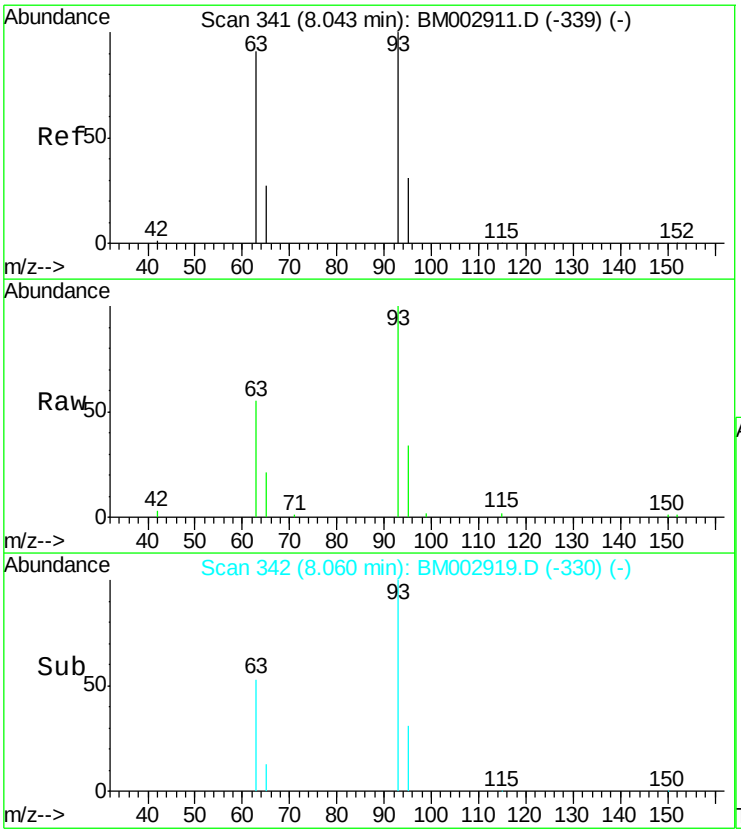
#5
Phenol-d6
Concen: 0.98 ng
RT: 7.80 min Scan# 327
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 17648

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.4	18.6
71	27.1	21.4	32.0

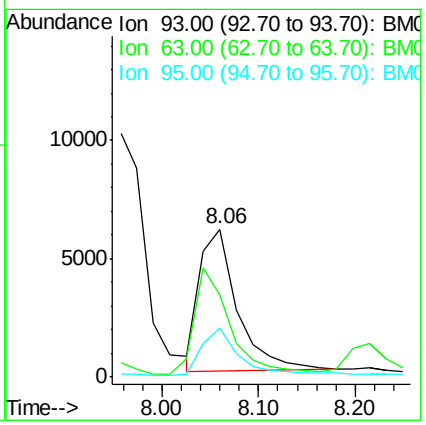


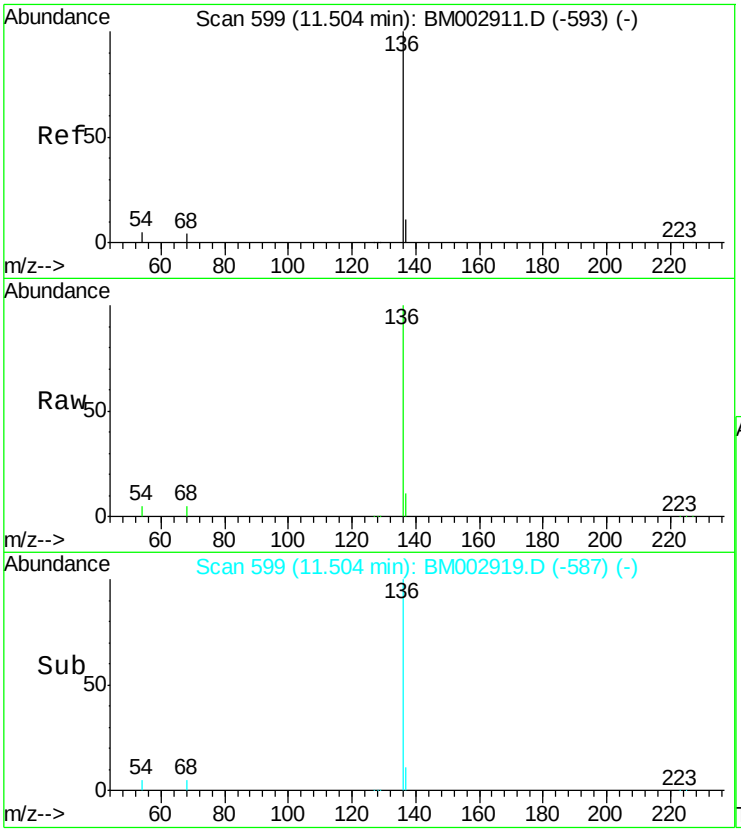


#6
bis(2-Chloroethyl)ether
Concen: 0.96 ng
RT: 8.06 min Scan# 342
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion: 93 Resp: 16466

Ion	Ratio	Lower	Upper
93	100		
63	70.4	52.9	79.3
95	33.3	25.2	37.8



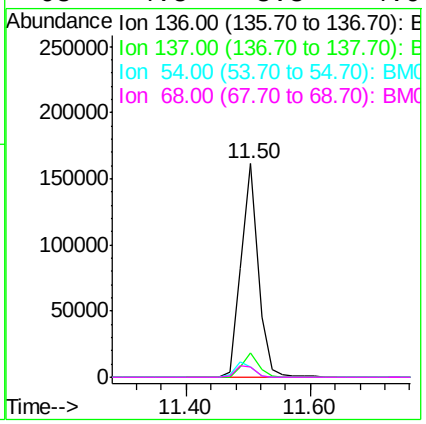


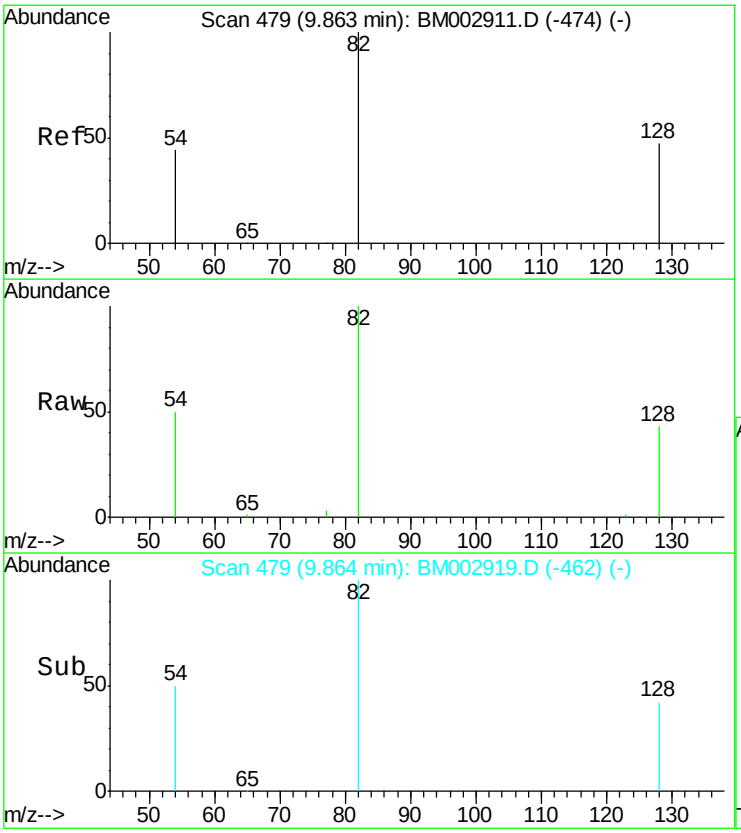
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 599
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 313446

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	5.0	3.5	5.3
68	4.5	3.3	4.9

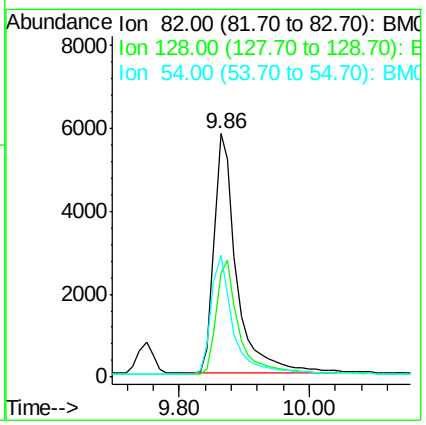


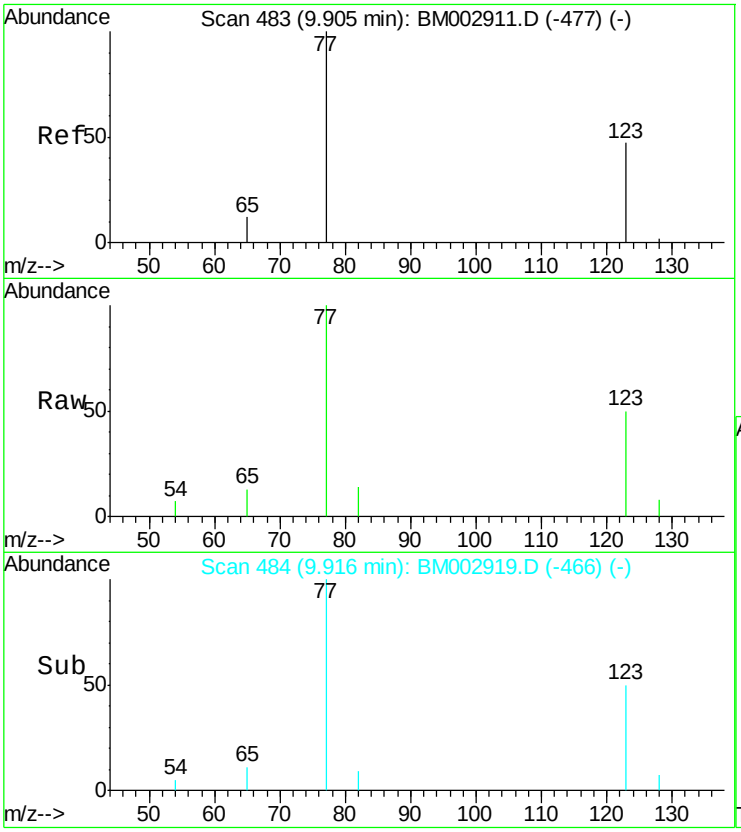


#8
Nitrobenzene-d5
Concen: 0.93 ng
RT: 9.86 min Scan# 479
Delta R.T. -0.02 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion: 82 Resp: 13954

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.1	51.1
54	50.1	42.6	63.8



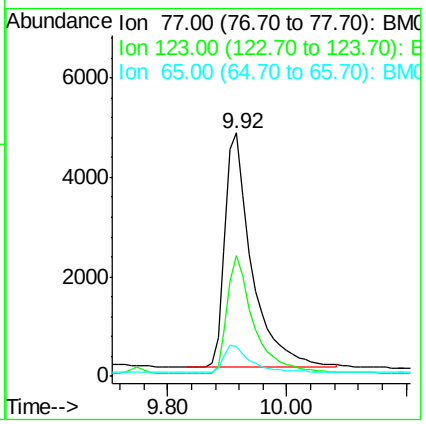


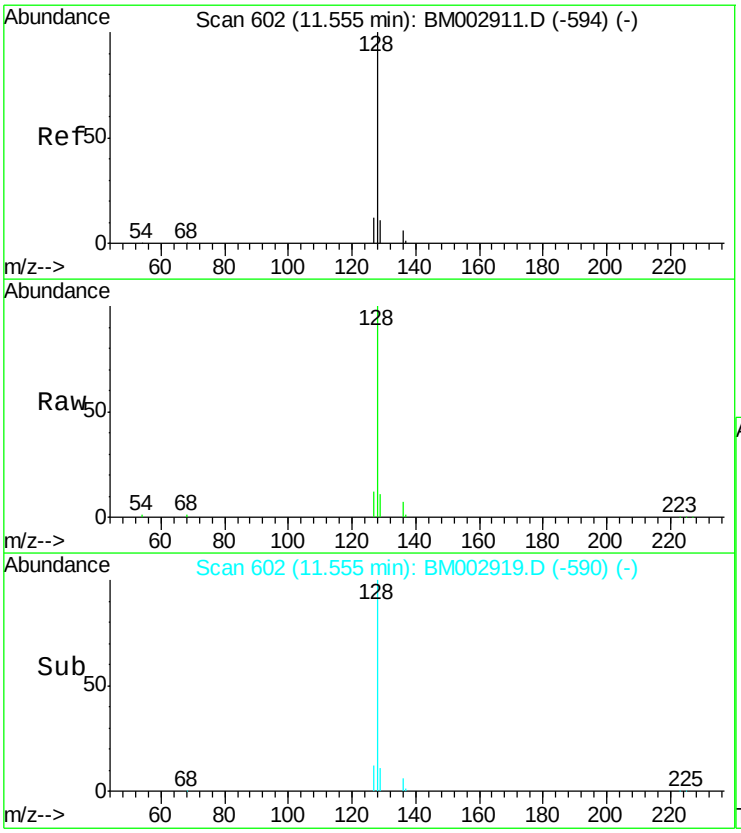
#9
Nitrobenzene
Concen: 0.93 ng
RT: 9.92 min Scan# 484
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 14732

Ion	Ratio	Lower	Upper
77	100		
123	49.9	41.0	61.4
65	12.0	9.7	14.5

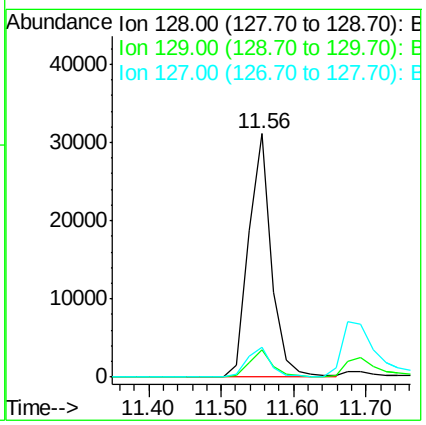


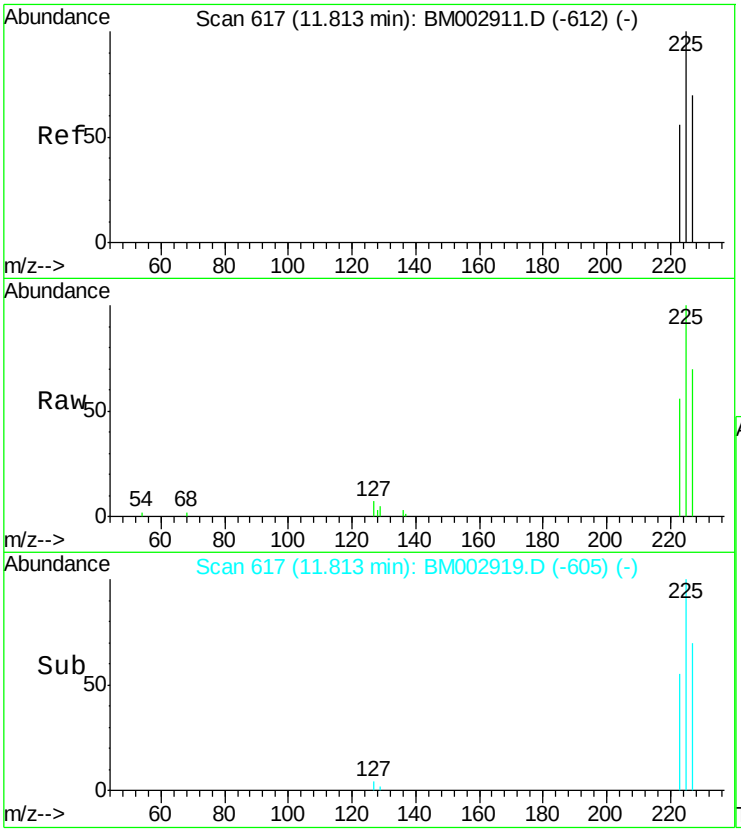


#10
Naphthalene
Concen: 0.97 ng
RT: 11.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:128 Resp: 67559

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.3	9.6	14.4



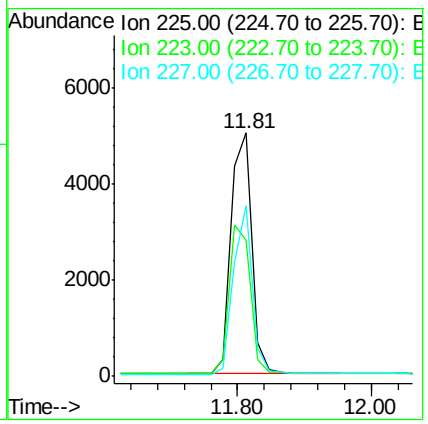


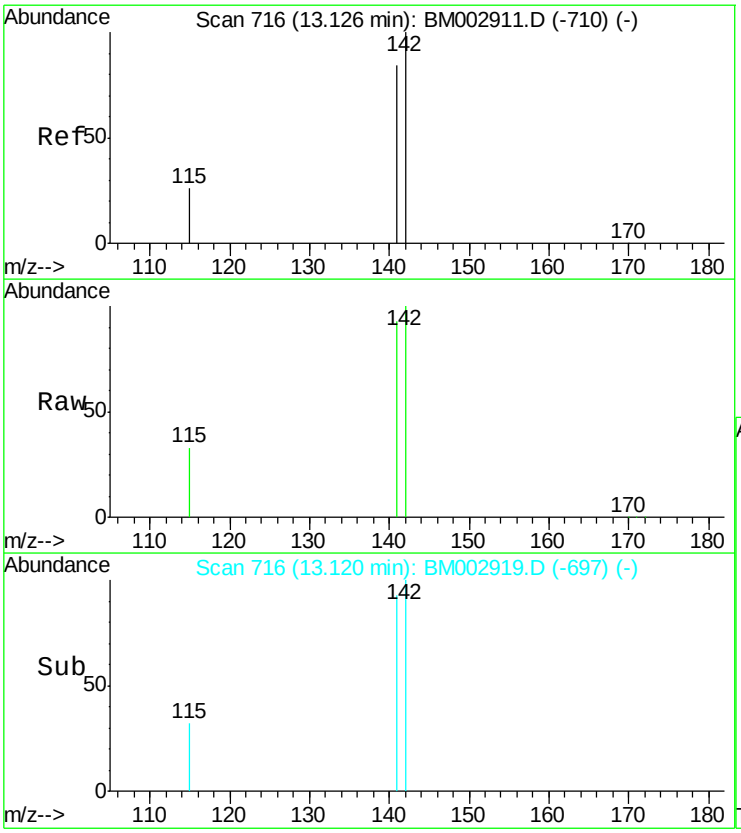
#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 11.81 min Scan# 617
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 10786

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.6	51.2	76.8

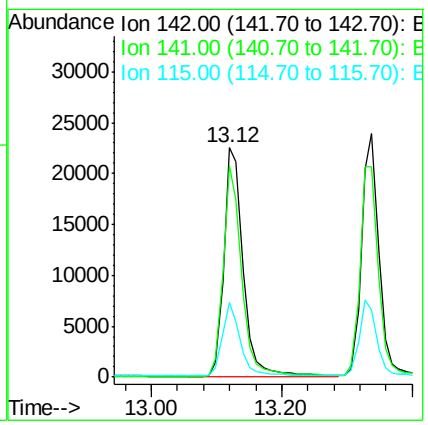


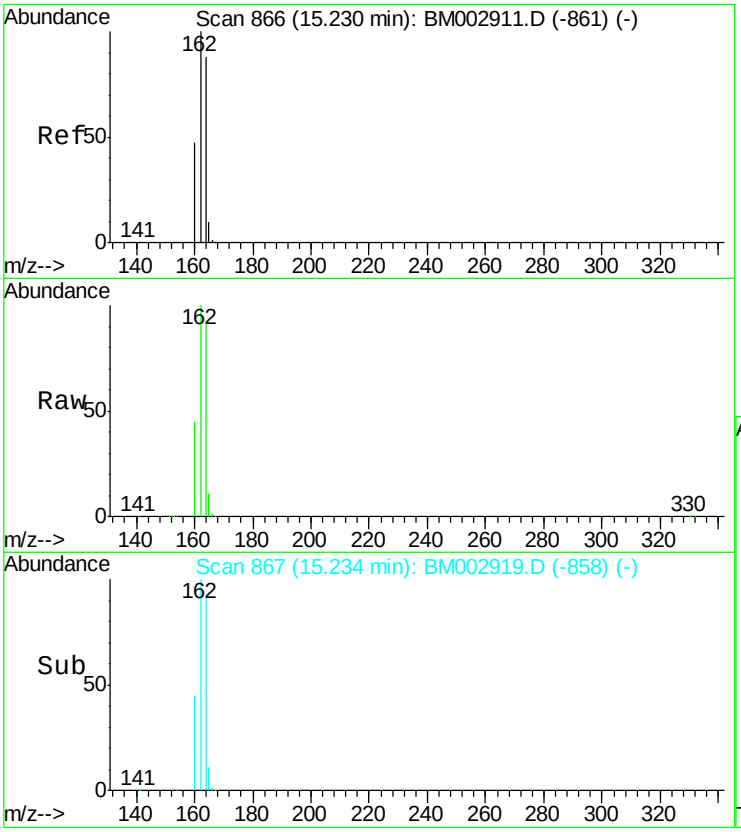


#12
2-Methylnaphthalene
Concen: 0.98 ng
RT: 13.12 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:142 Resp: 45800

Ion	Ratio	Lower	Upper
142	100		
141	92.6	69.4	104.0
115	32.6	22.7	34.1



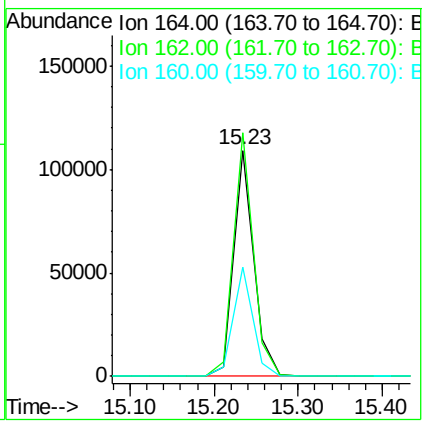


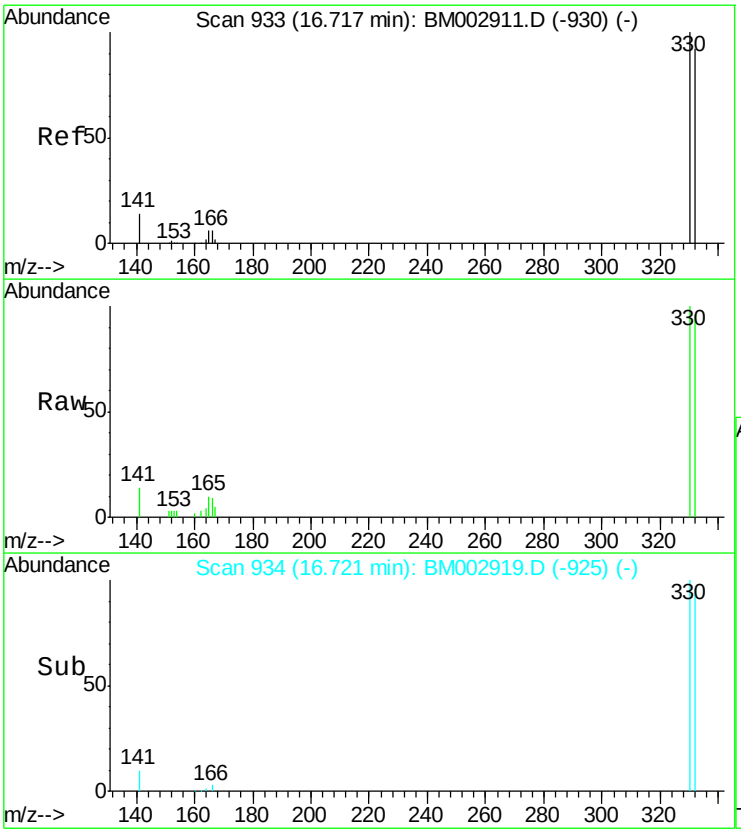
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 176350

Ion	Ratio	Lower	Upper
164	100		
162	107.9	79.6	119.4
160	48.6	33.1	49.7

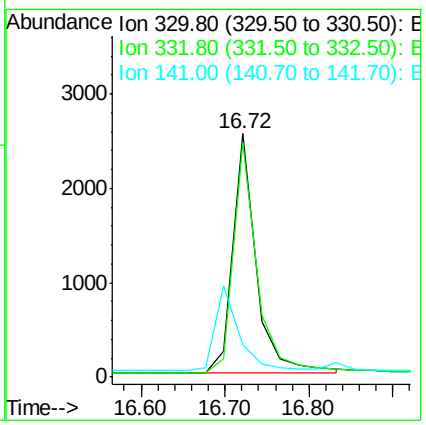


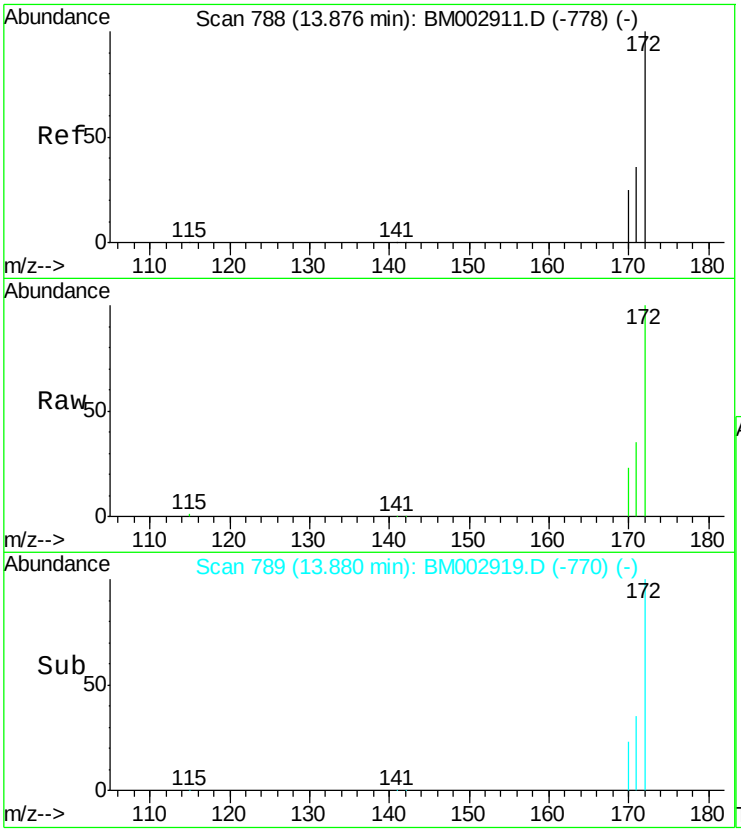


#14
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 16.72 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:330 Resp: 4828

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	0.0	0.0	0.0



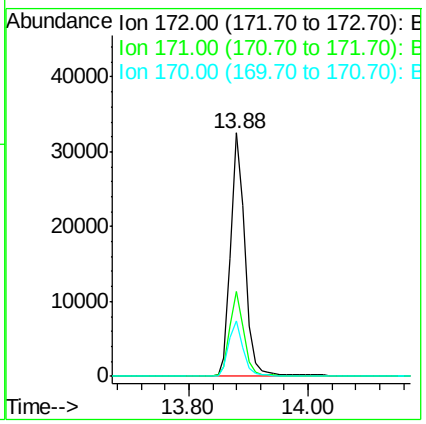


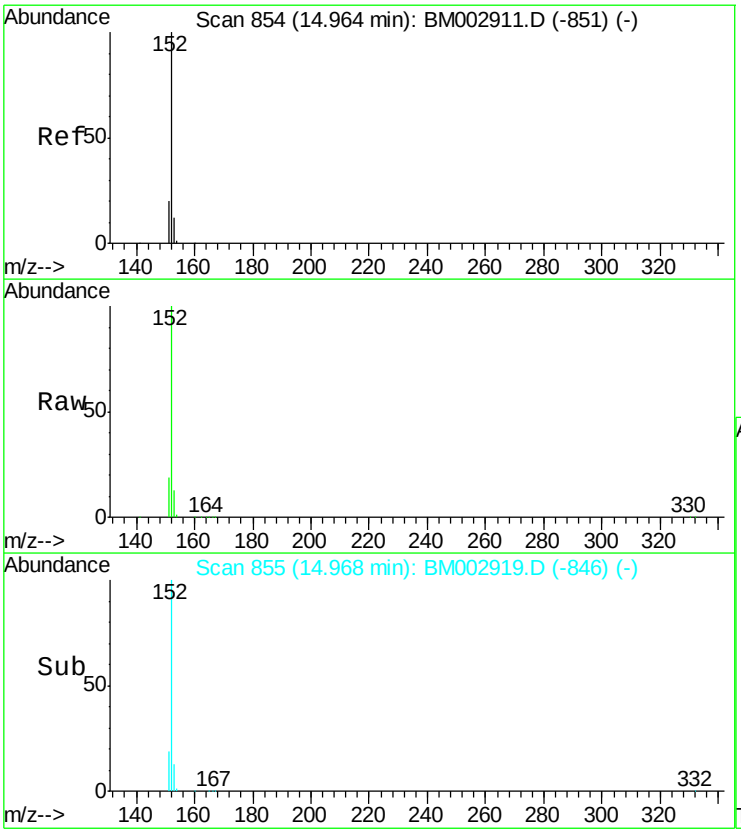
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 13.88 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 52910

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	22.7	15.7	23.5

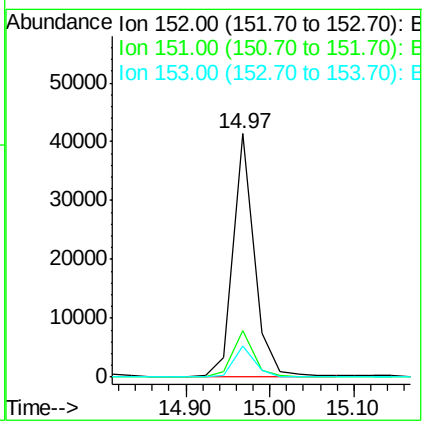


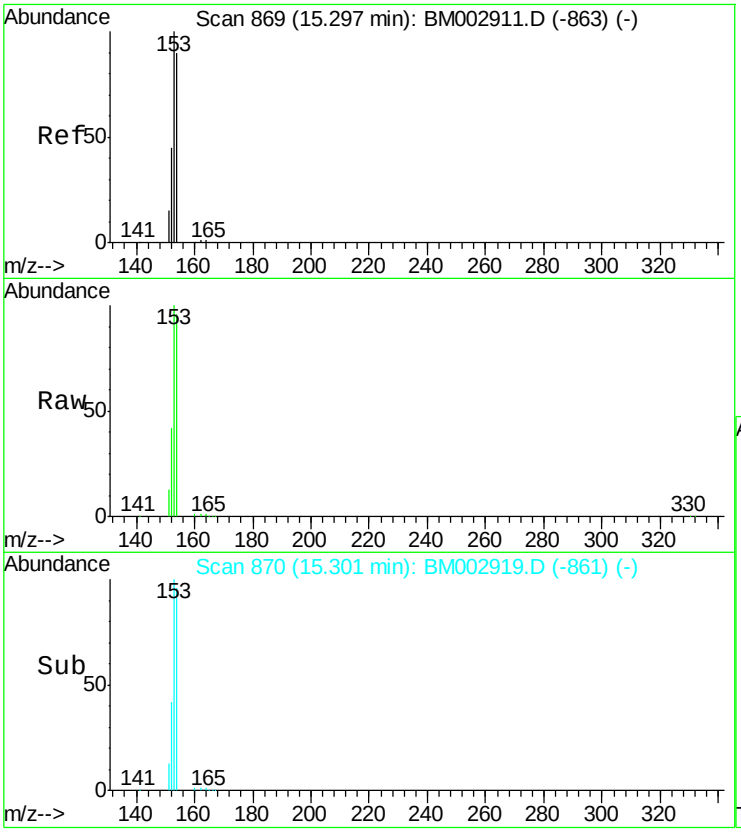


#16
Acenaphthylene
Concen: 0.93 ng
RT: 14.97 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:152 Resp: 71701

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.5	15.7



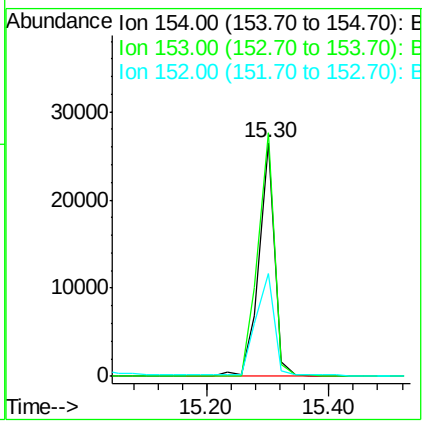


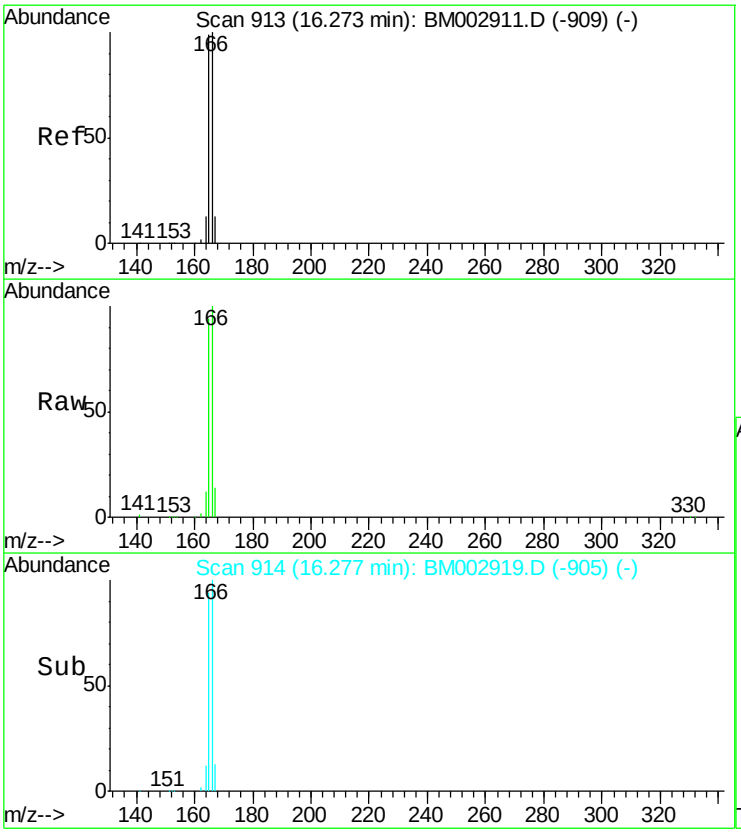
#17
Acenaphthene
Concen: 0.90 ng
RT: 15.30 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 47360

Ion	Ratio	Lower	Upper
154	100		
153	110.0	0.0	0.0#
152	51.0	0.0	0.0#

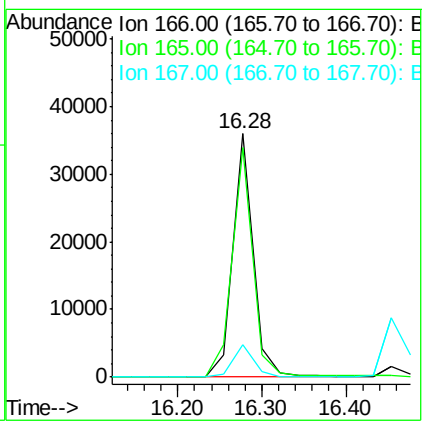


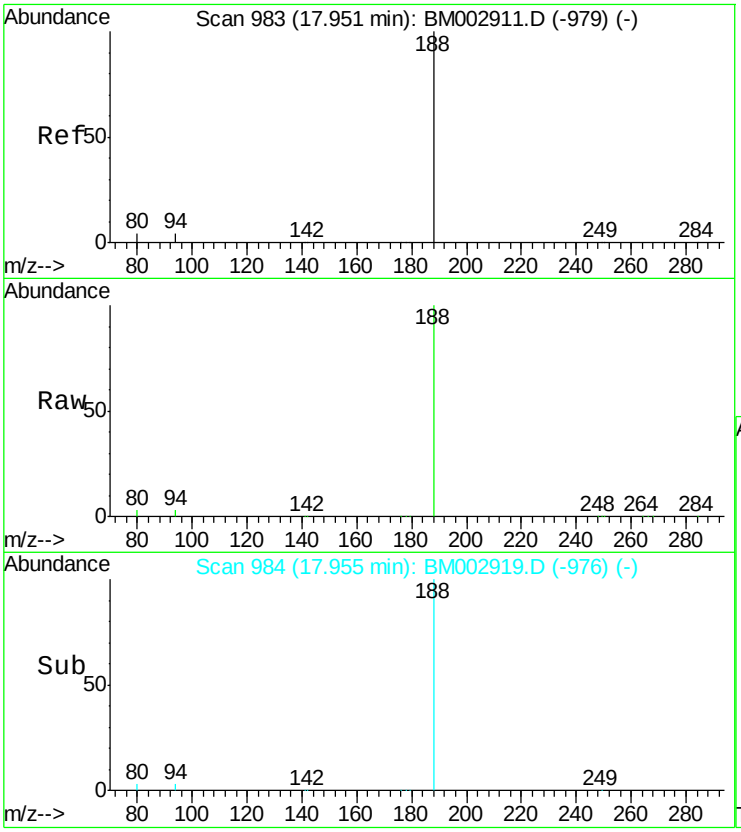


#18
Fluorene
Concen: 0.94 ng
RT: 16.28 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:166 Resp: 59026

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.3	115.9
167	13.6	10.9	16.3



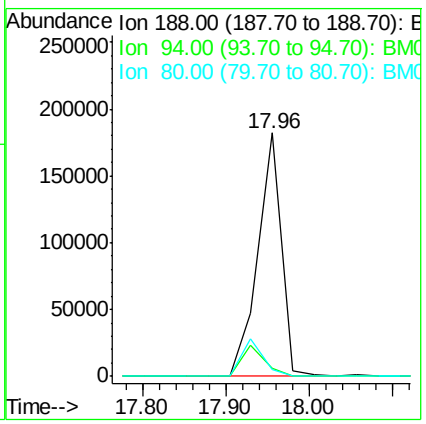


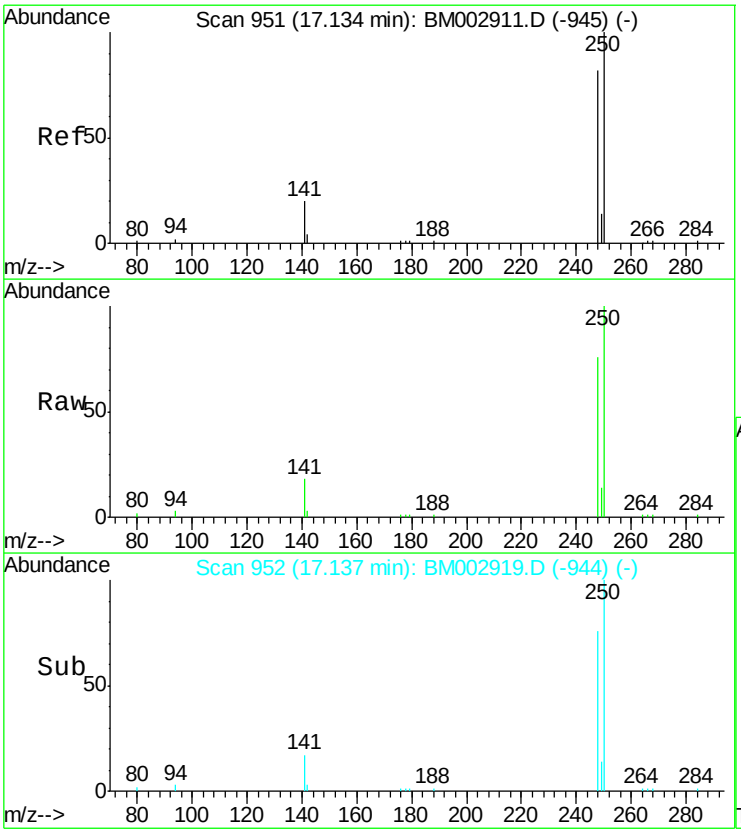
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.96 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 360905

Ion	Ratio	Lower	Upper
188	100		
94	3.3	15.2	22.8#
80	2.7	15.9	23.9#

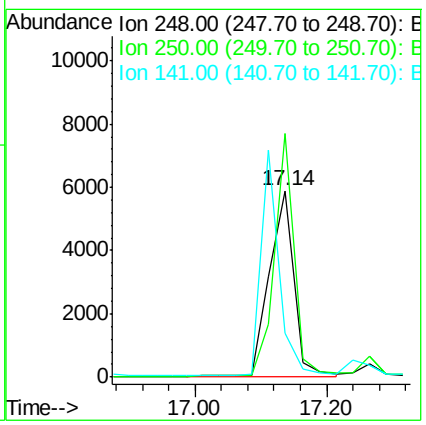


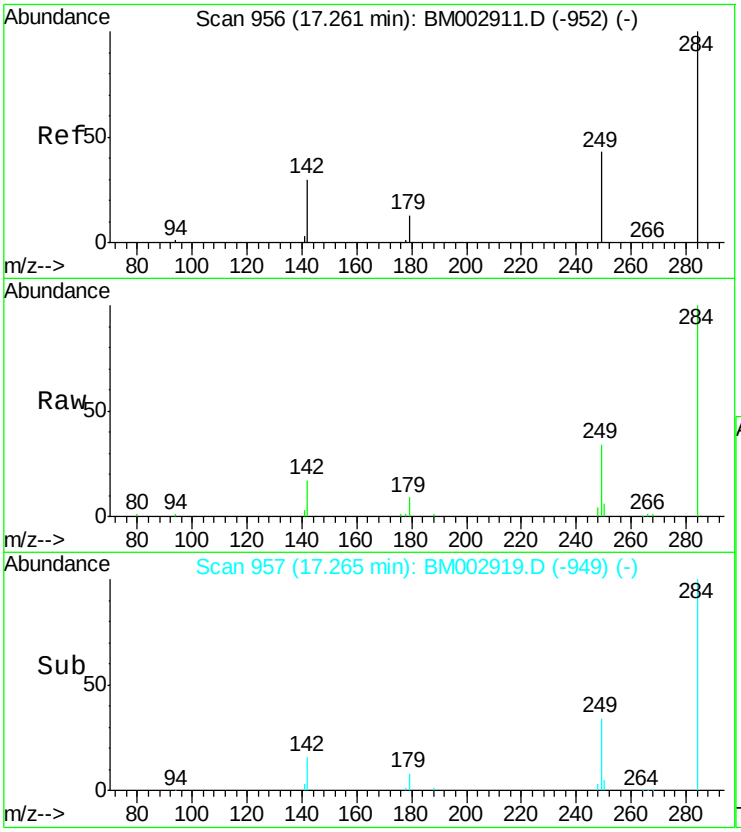


#20
4-Bromophenyl-phenylether
Concen: 1.01 ng
RT: 17.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:248 Resp: 15077

Ion	Ratio	Lower	Upper
248	100		
250	104.8	71.4	107.2
141	0.0	54.6	82.0#



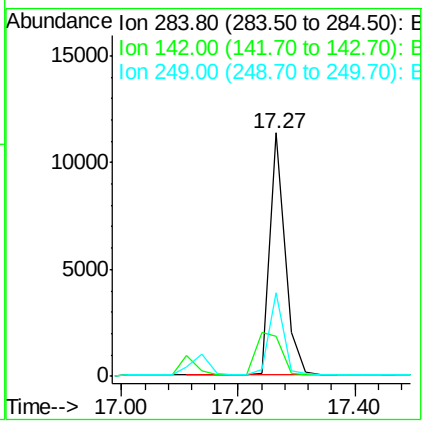


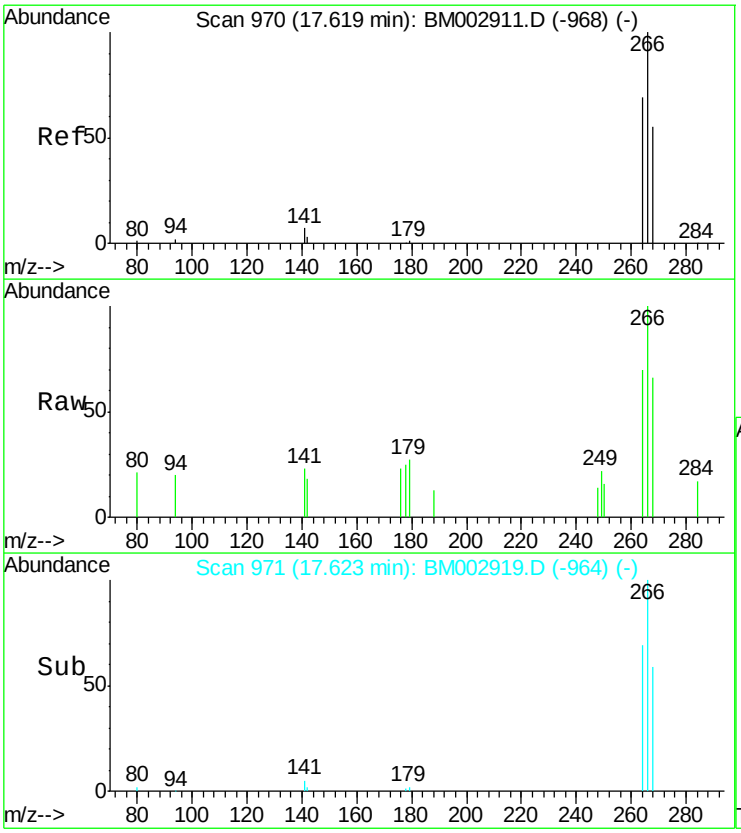
#21
Hexachlorobenzene
Concen: 1.56 ng
RT: 17.27 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 20830

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	31.6	20.7	31.1#

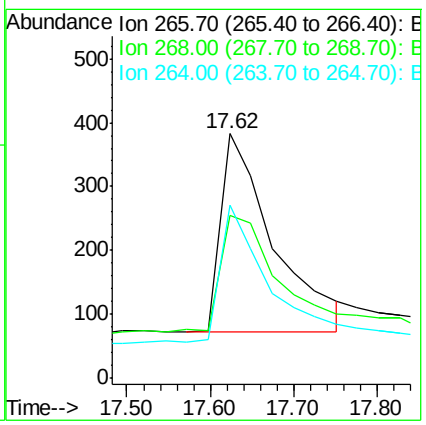


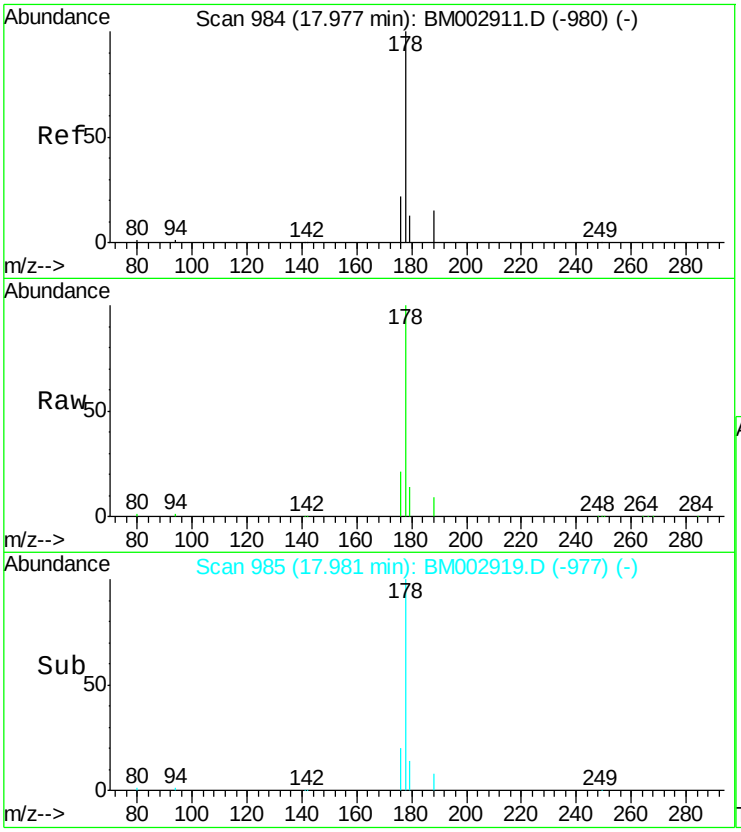


#22
Pentachlorophenol
Concen: 1.03 ng
RT: 17.62 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:266 Resp: 1366

Ion	Ratio	Lower	Upper
266	100		
268	66.3	58.3	87.5
264	70.5	54.2	81.2



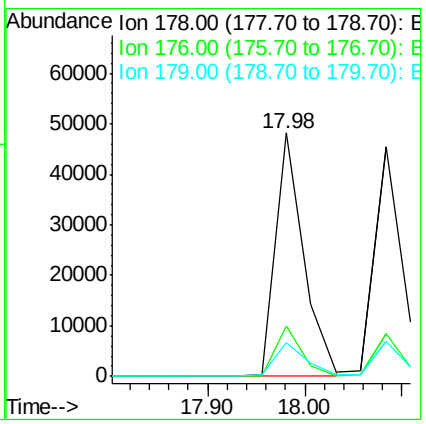


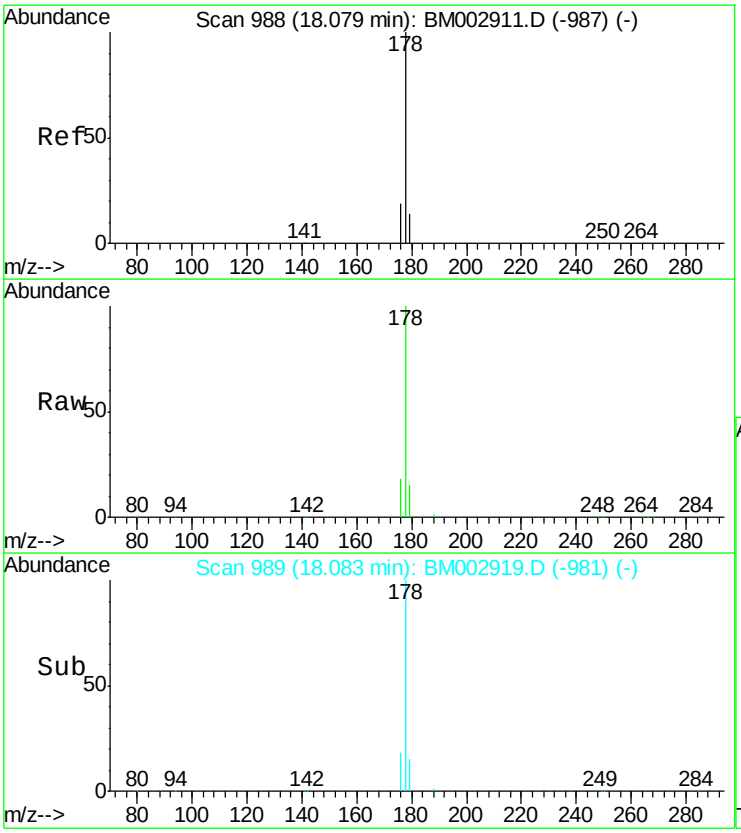
#23
Phenanthrene
Concen: 1.16 ng
RT: 17.98 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 97193

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	15.1	12.5	18.7

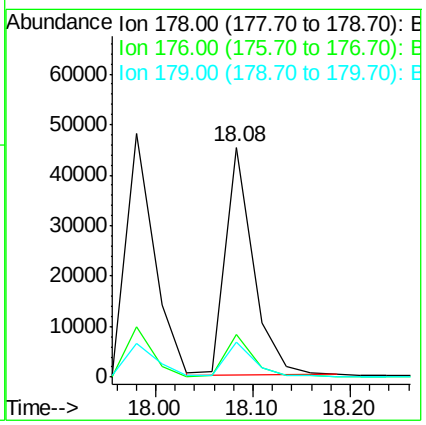


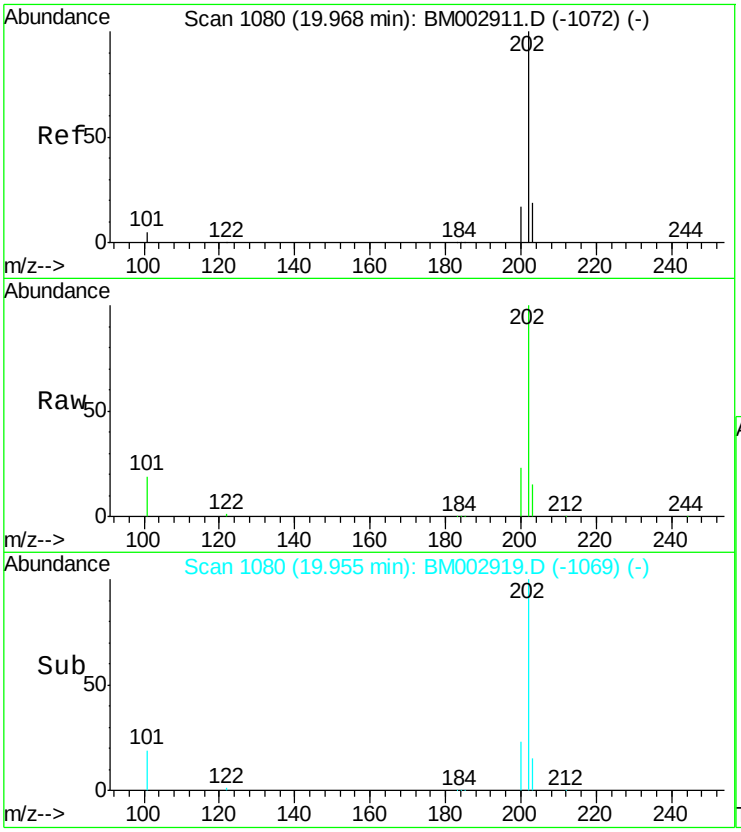


#24
Anthracene
Concen: 1.12 ng
RT: 18.08 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:178 Resp: 89605

Ion	Ratio	Lower	Upper
178	100		
176	18.0	13.9	20.9
179	15.1	12.6	18.8



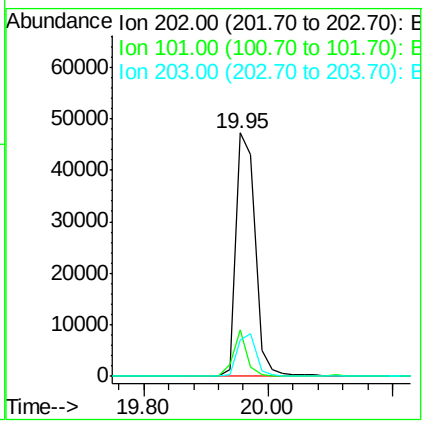


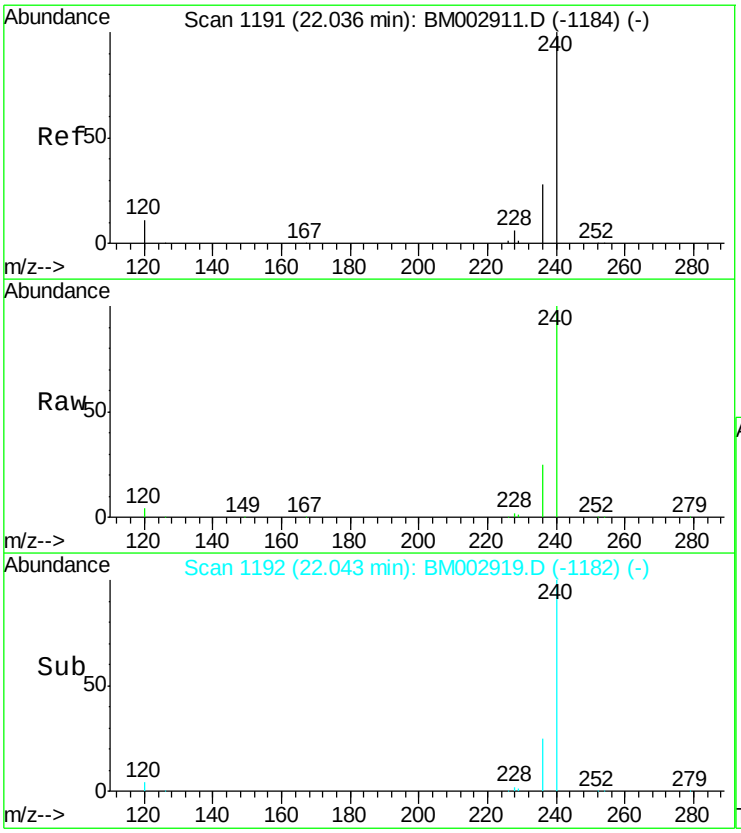
#25
Fluoranthene
Concen: 1.10 ng
RT: 19.95 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 102113

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.6
203	17.1	13.8	20.6

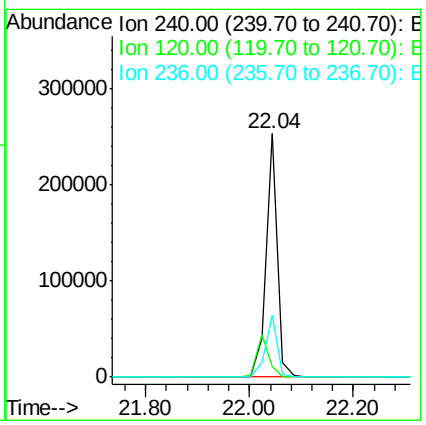


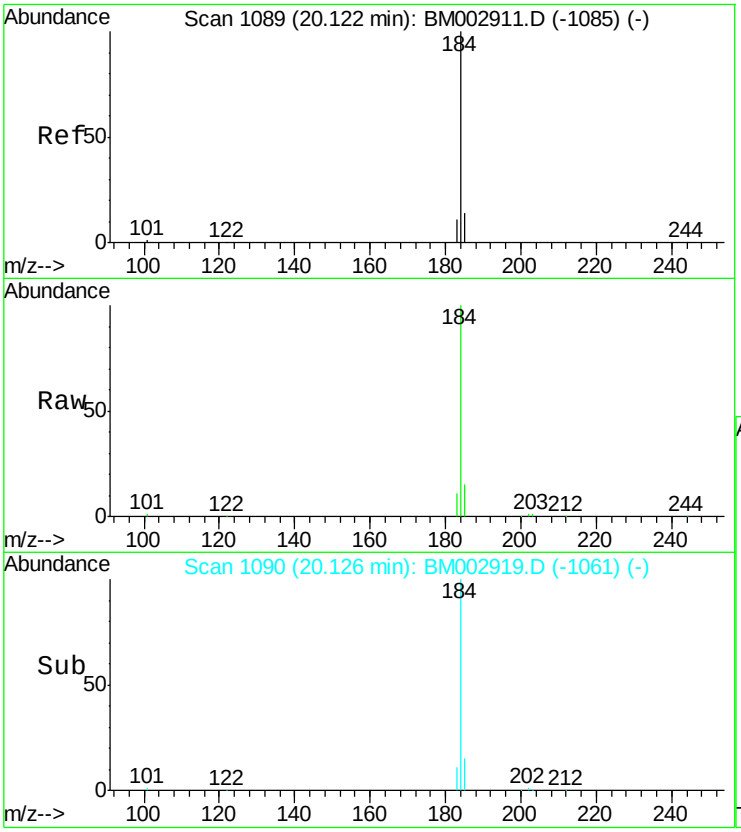


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:240 Resp: 385457

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.3	4.9
236	25.2	19.5	29.3



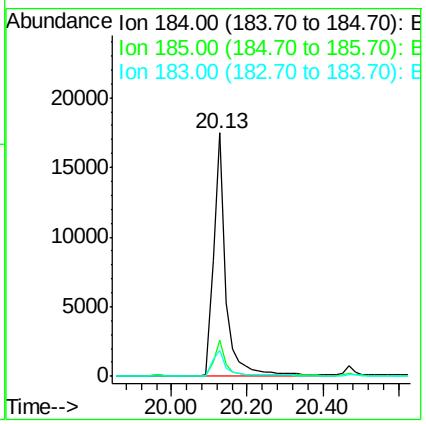


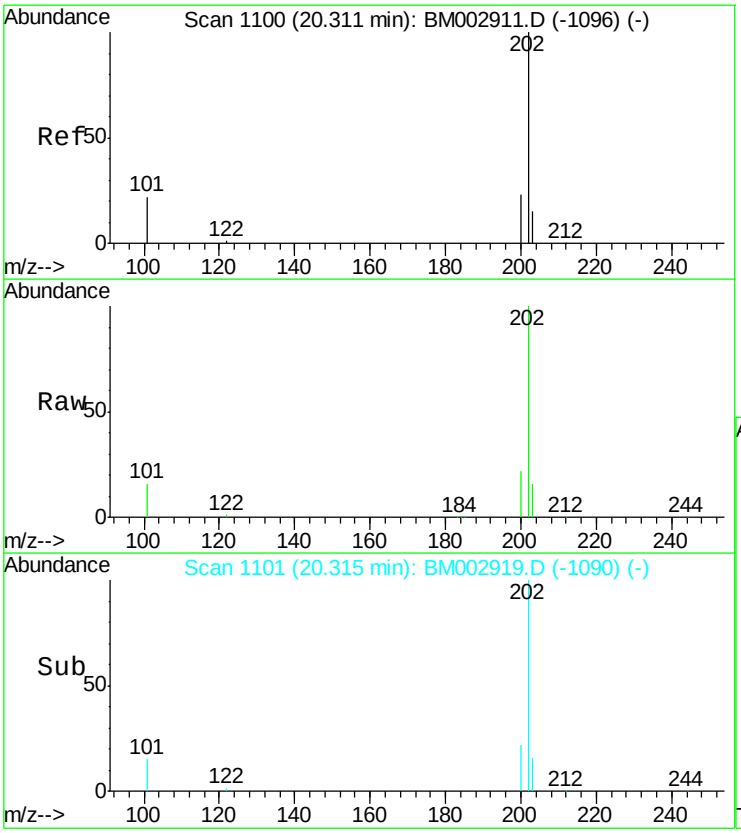
#27
Benzidine
Concen: 0.80 ng
RT: 20.13 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 37910

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.0	18.0
183	10.9	8.9	13.3

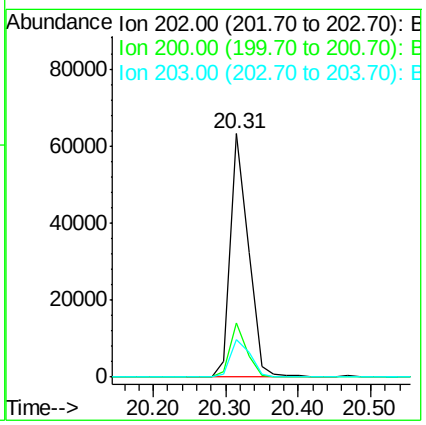


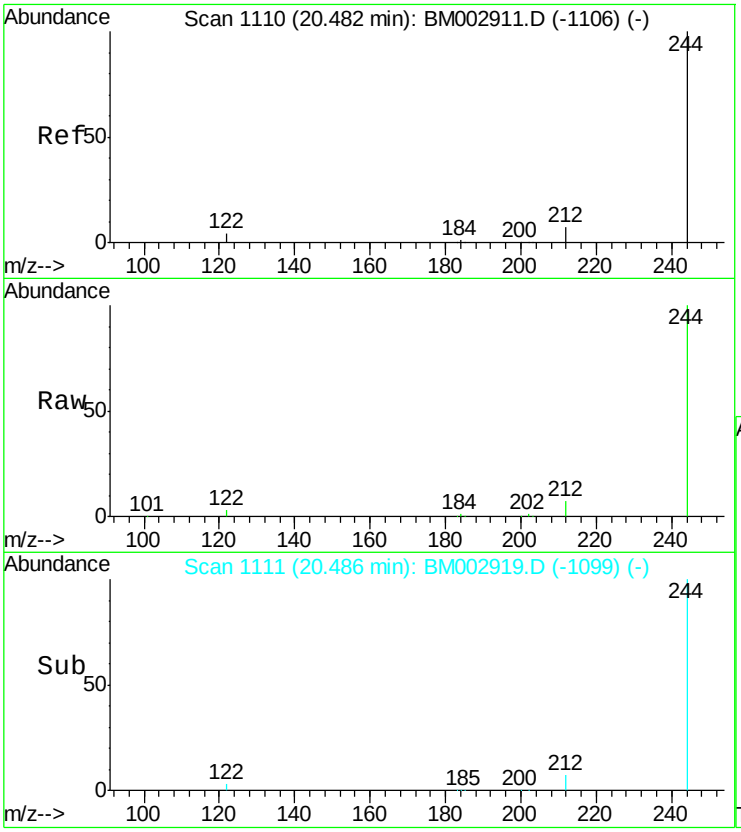


#28
Pyrene
Concen: 0.94 ng
RT: 20.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:202 Resp: 106475

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.2	13.8	20.8



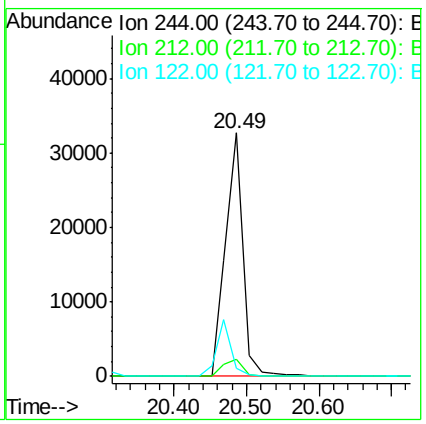


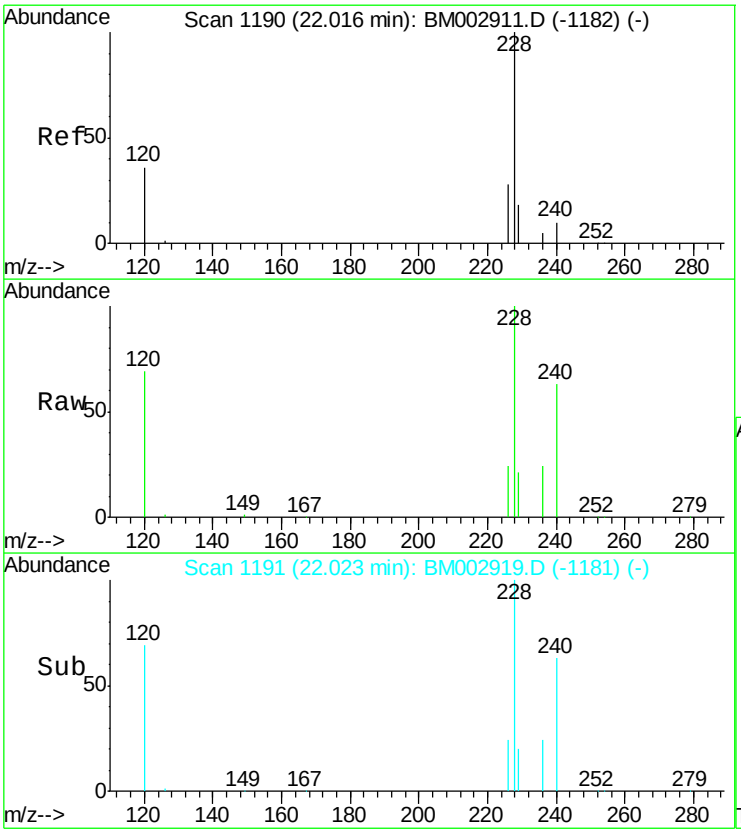
#29
Terphenyl-d14
Concen: 0.93 ng
RT: 20.49 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 53945

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	3.2	2.2	3.2

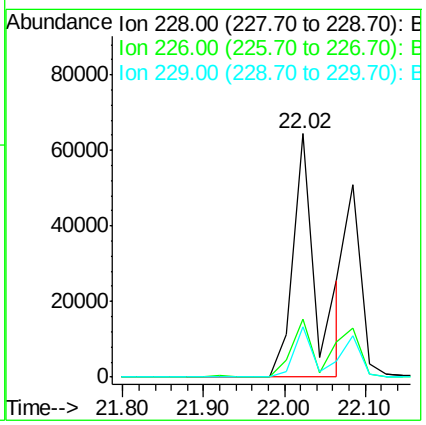


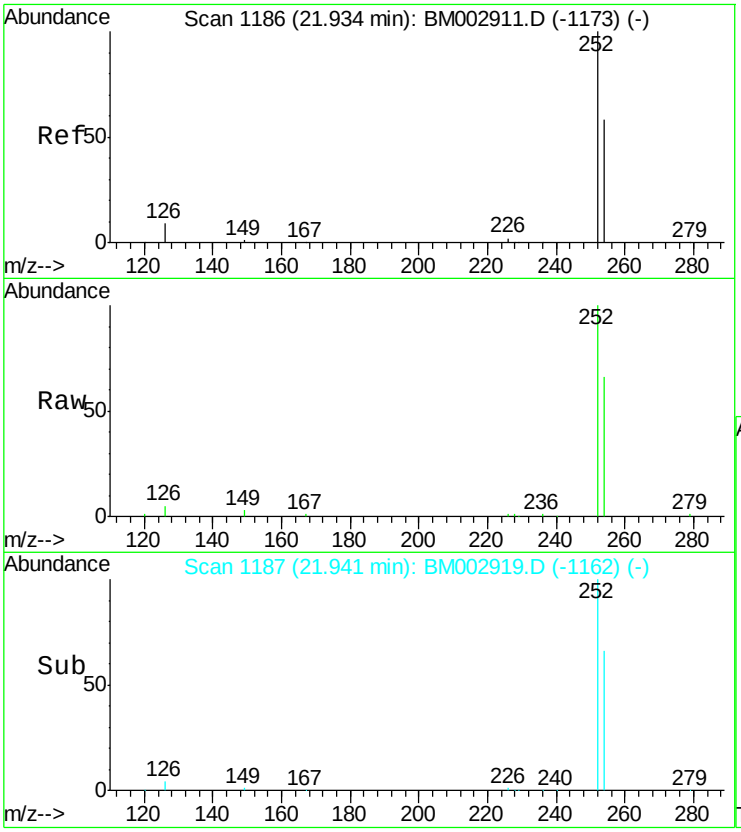


#30
Benzo(a)anthracene
Concen: 1.17 ng
RT: 22.02 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:228 Resp: 130502

Ion	Ratio	Lower	Upper
228	100		
226	24.0	19.0	28.6
229	20.6	16.8	25.2



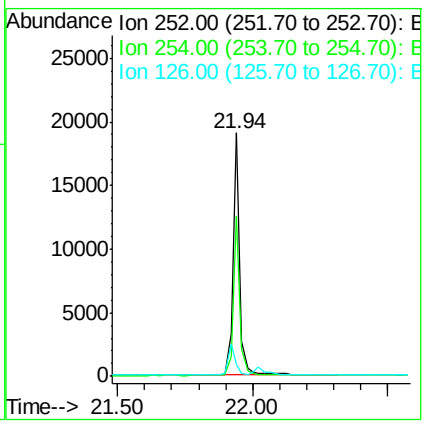


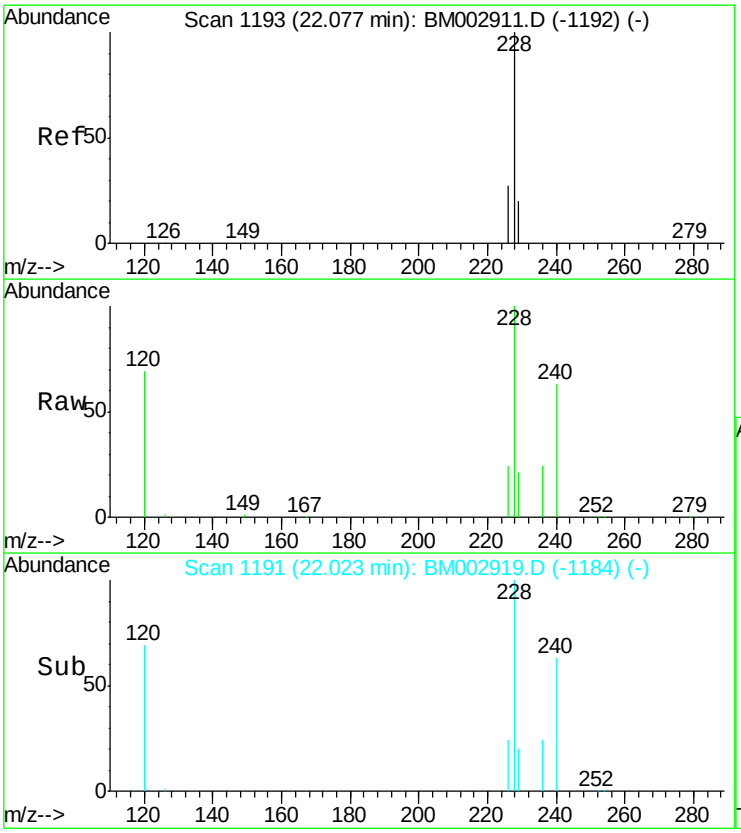
#31
3,3'-Dichlorobenzidine
Concen: 0.87 ng
RT: 21.94 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 32697

Ion	Ratio	Lower	Upper
252	100		
254	66.0	54.1	81.1
126	4.9	4.1	6.1

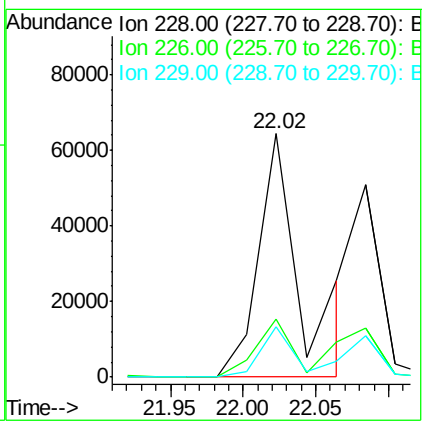


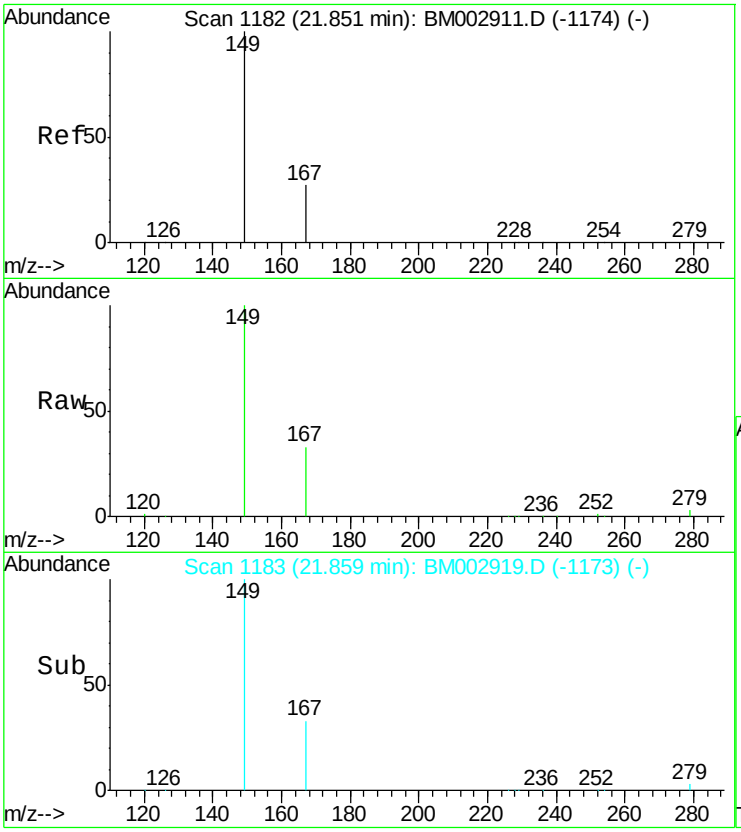


#32
Chrysene
Concen: 1.25 ng
RT: 22.02 min Scan# 1191
Delta R.T. -0.05 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:228 Resp: 130345

Ion	Ratio	Lower	Upper
228	100		
226	24.0	20.6	30.8
229	20.6	17.4	26.2



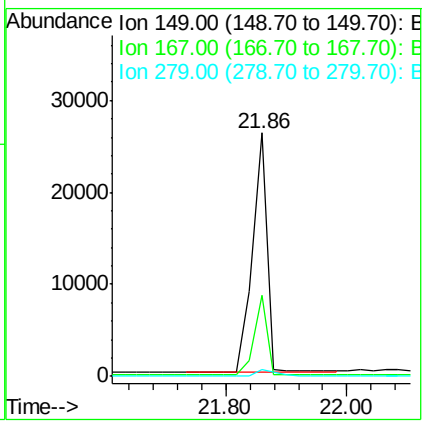


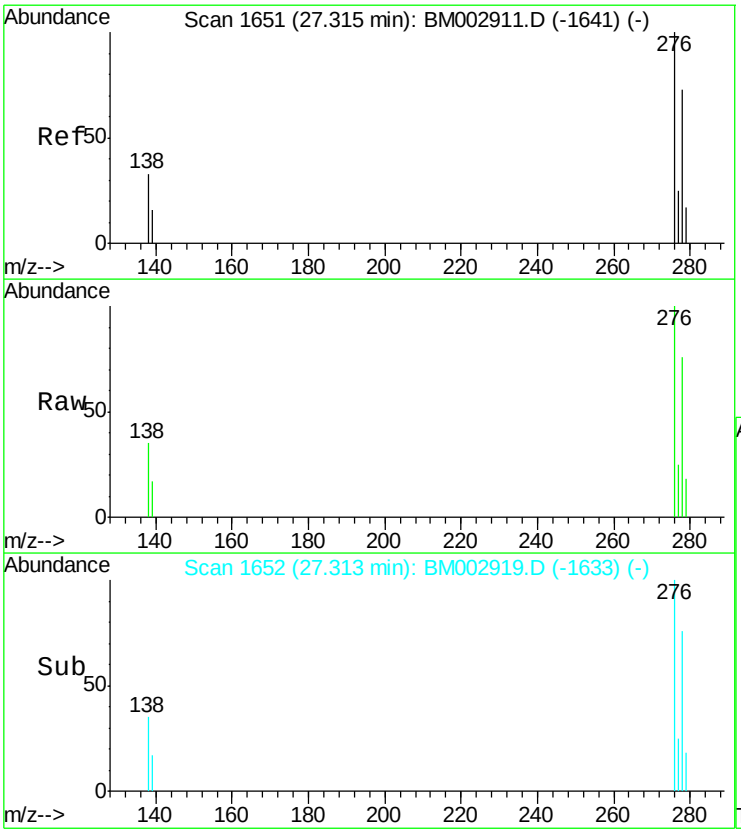
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.78 ng
RT: 21.86 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 43927

Ion	Ratio	Lower	Upper
149	100		
167	29.3	17.2	25.8#
279	3.0	2.2	3.4

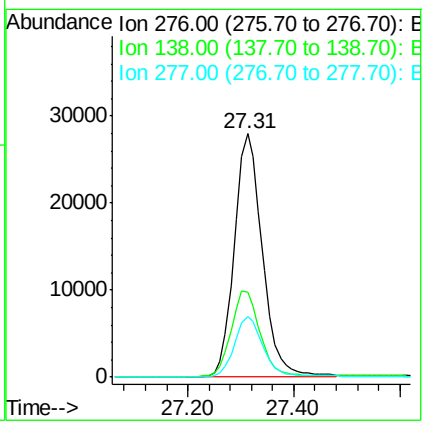


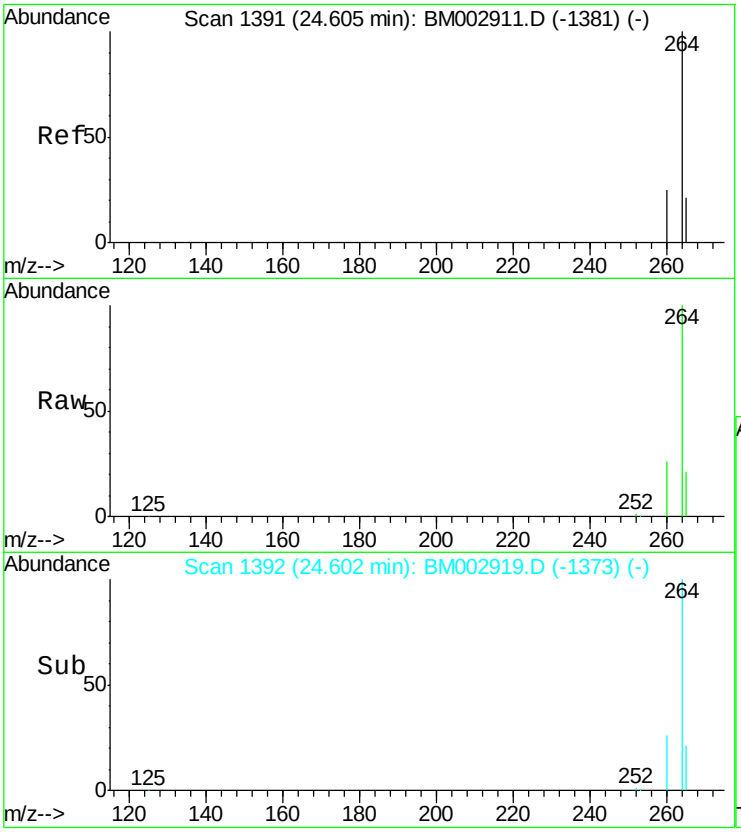


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.95 ng
RT: 27.31 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:276 Resp: 101780

Ion	Ratio	Lower	Upper
276	100		
138	36.2	29.0	43.6
277	24.8	19.8	29.8



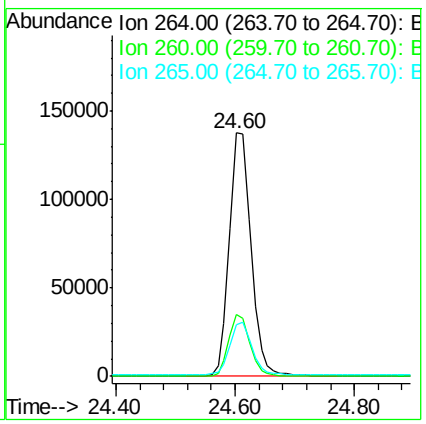


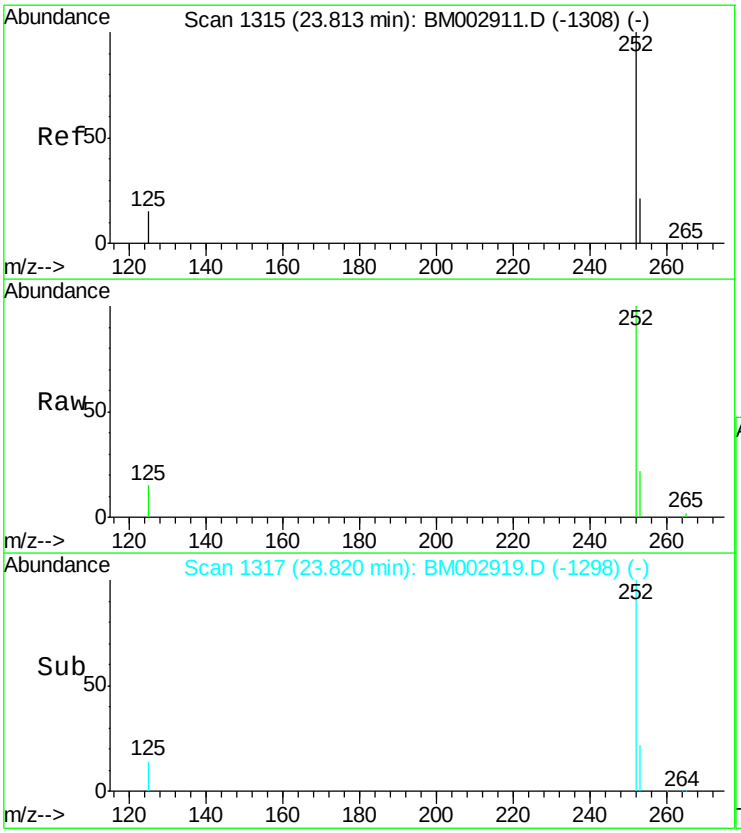
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.60 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 346272

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	21.3	17.6	26.4

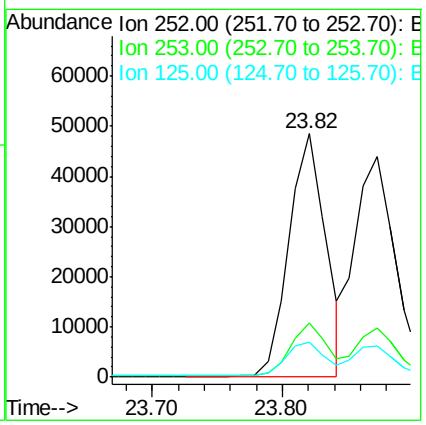


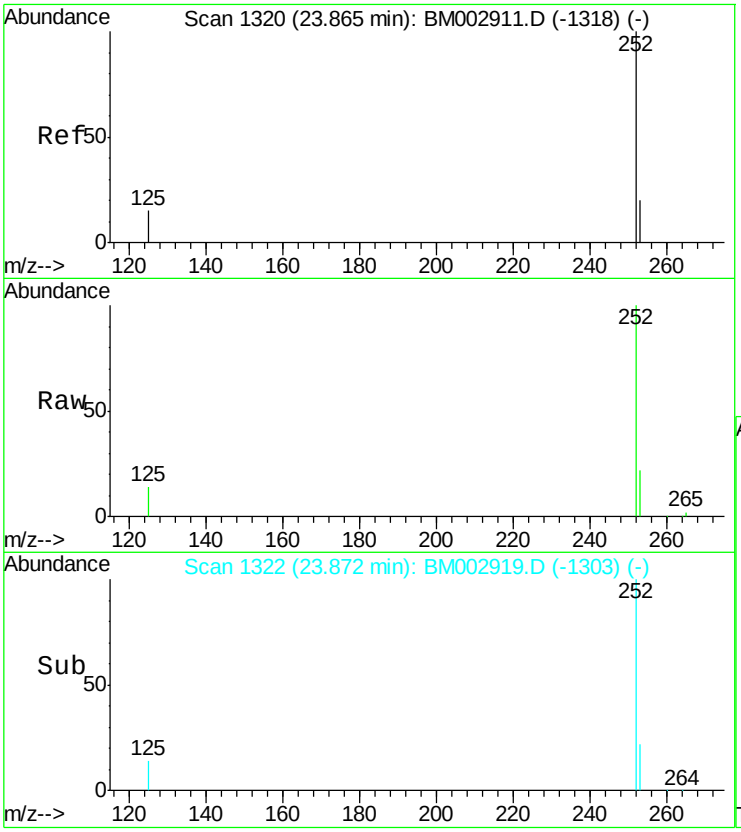


#36
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 23.82 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:252 Resp: 94320

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.6	12.4	18.6



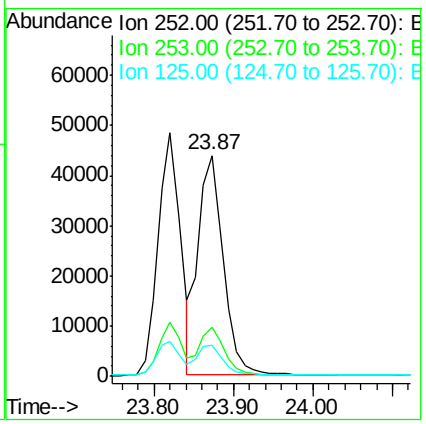


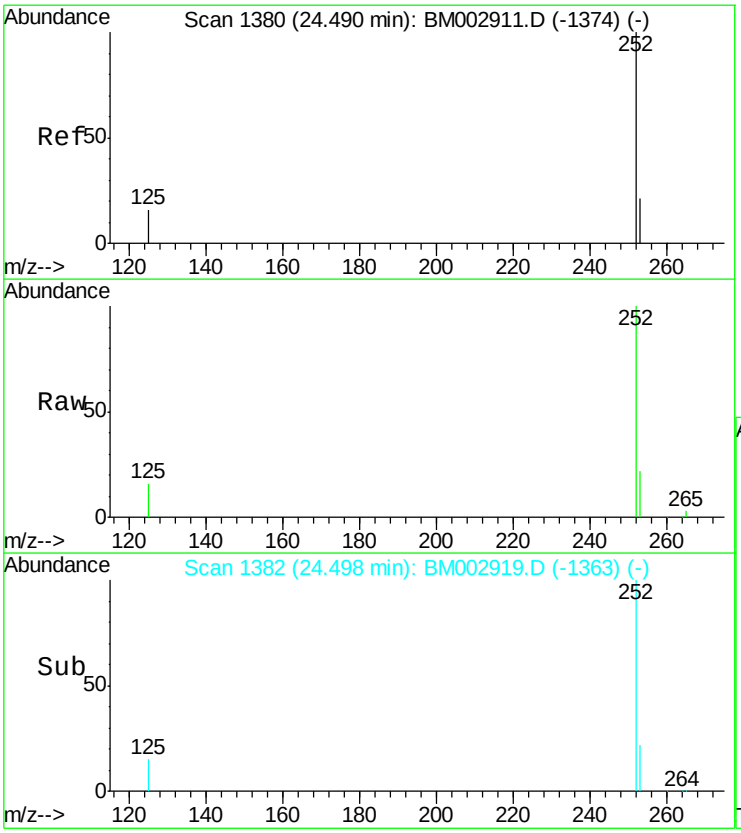
#37
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 23.87 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 96033

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.3	12.3	18.5

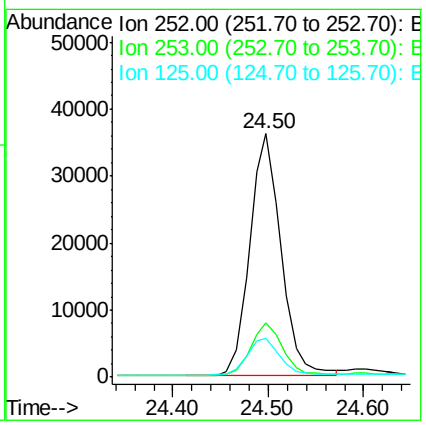


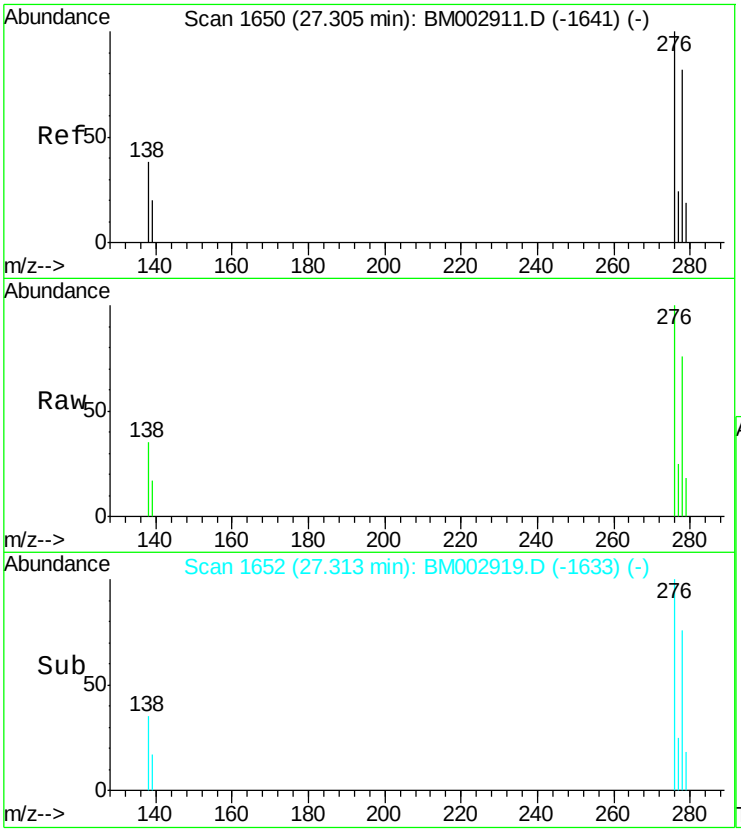


#38
Benzo(a)pyrene
Concen: 0.94 ng
RT: 24.50 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:252 Resp: 82397

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	16.1	13.3	19.9



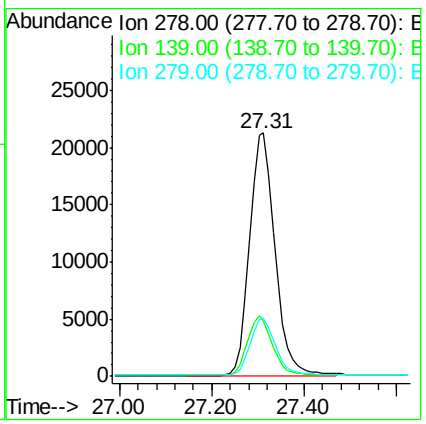


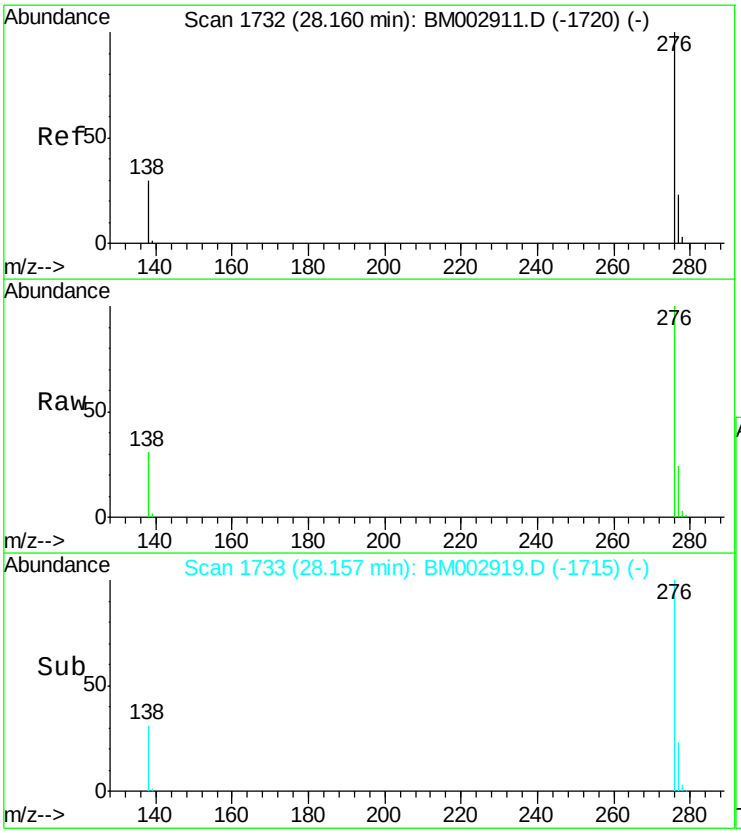
#39
Dibenzo(a,h)anthracene
Concen: 0.97 ng
RT: 27.31 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 81230

Ion	Ratio	Lower	Upper
278	100		
139	22.6	19.8	29.6
279	23.8	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 28.16 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM002919.D
Acq: 15 Oct 2015 18:08

Tgt Ion:276 Resp: 85905

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	31.4	24.4	36.6