Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004557.D
Acq On : 05 Mar 2016 15:42
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Mar 07 08:07:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:54:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	24765	5.00	ng		0.00
7) Naphthalene-d8	10.06	136	100998	5.00	ng		0.00
13) Acenaphthene-d10	13.97	164	58307	5.00	ng		0.00
19) Phenanthrene-d10	16.73	188	154002	5.00	ng		0.00
25) Chrysene-d12	20.98	240	128766	5.00	ng		0.00
34) Perylene-d12	23.09	264	115338	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.99	112	6239	1.06	ng		-0.02
5) Phenol-d6	6.61	99	7536	1.07	ng		-0.02
8) Nitrobenzene-d5	8.47	82	5551	1.03	ng		0.00
14) 2,4,6-Tribromophenol	15.50	330	2364	1.14	ng		0.00
15) 2-Fluorobiphenyl	12.58	172	18029	1.00	ng		0.00
28) Terphenyl-d14	19.41	244	18507	0.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	2665	1.06	ng	#	100
3) n-Nitrosodimethylamine	3.18	42	1950	1.02	ng	#	100
6) bis(2-Chloroethyl)ether	6.75	93	6204	1.04	ng	#	22
9) Nitrobenzene	8.51	77	6036	1.00	ng	#	100
10) Naphthalene	10.10	128	21957	0.95	ng		100
11) Hexachlorobutadiene	10.39	225	4287	0.98	ng	#	100
12) 2-Methylnaphthalene	11.75	142	16156	1.00	ng		94
16) Acenaphthylene	13.68	152	28266	1.00	ng	#	42
17) Acenaphthene	14.04	154	16265	1.00	ng	#	100
18) Fluorene	15.04	166	23776	1.04	ng	#	77
20) Hexachlorobenzene	16.07	284	6470	0.97	ng	#	100
21) Pentachlorophenol	16.45	266	1127	1.60	ng		92
22) Phenanthrene	16.78	178	31182	0.98	ng	#	100
23) Anthracene	16.86	178	32532	1.00	ng	#	100
24) Fluoranthene	18.83	202	42009	1.01	ng		97
26) Benzidine	19.07	184	2943	0.68	ng	#	68
27) Pyrene	19.19	202	44377	0.99	ng	#	84
29) Benzo(a)anthracene	20.96	228	78980	1.96	ng		99
30) 3,3'-Dichlorobenzidine	20.92	252	11893	0.91	ng		98
31) Chrysene	20.96	228	79888	1.99	ng		97
32) Bis(2-ethylhexyl)phthalate	20.90	149	33493	1.15	ng	#	46
33) Indeno(1,2,3-cd)pyrene	25.15	276	36708	0.98	ng	#	82
35) Benzo(a)pyrene	22.99	252	35117	0.99	ng		100
36) Dibenzo(a,h)anthracene	25.16	278	28996	0.98	ng		100
37) Benzo(g,h,i)perylene	25.79	276	31602	0.97	ng		99

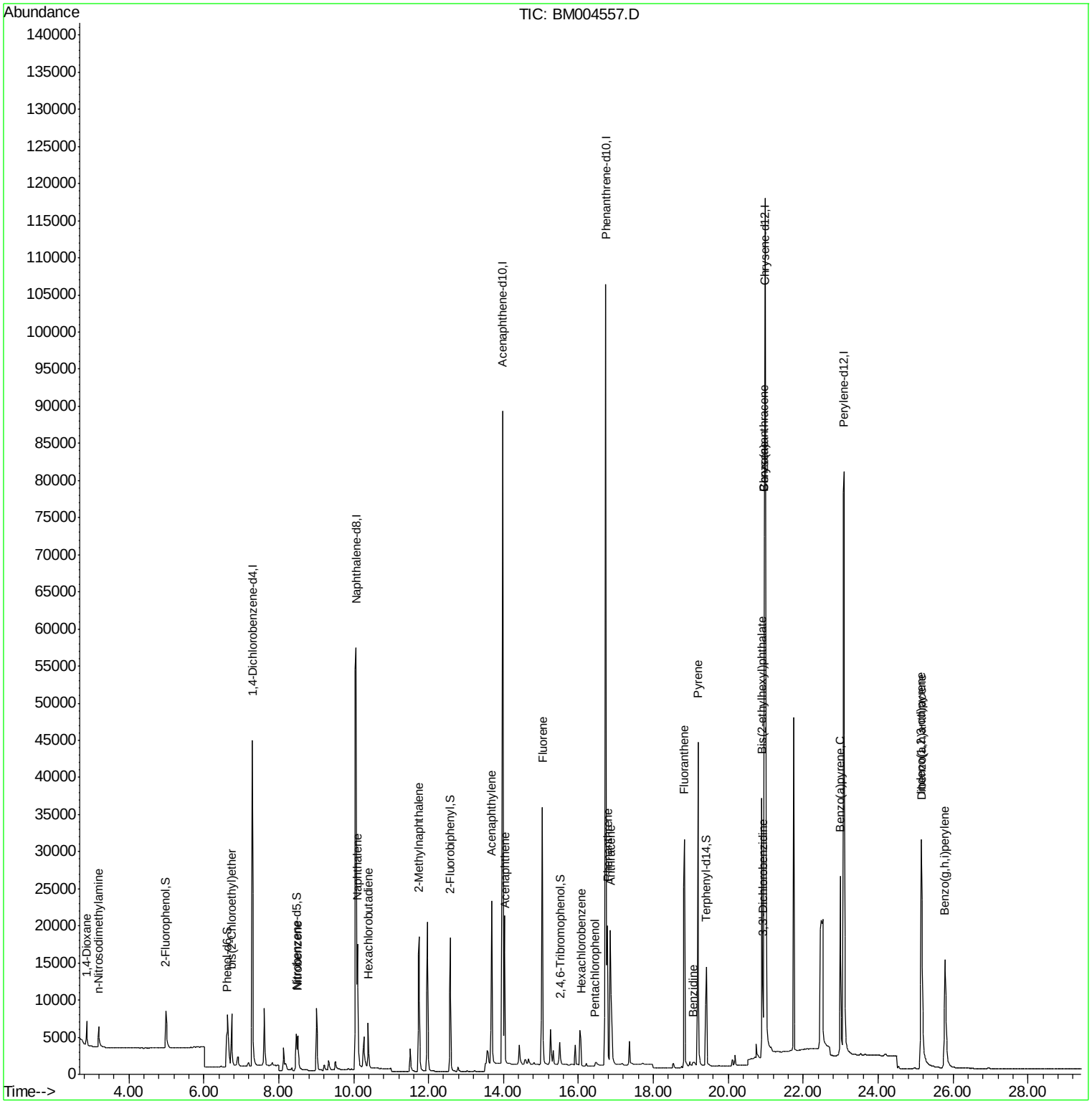
(#) = qualifier out of range (m) = manual integration (+) = signals summed

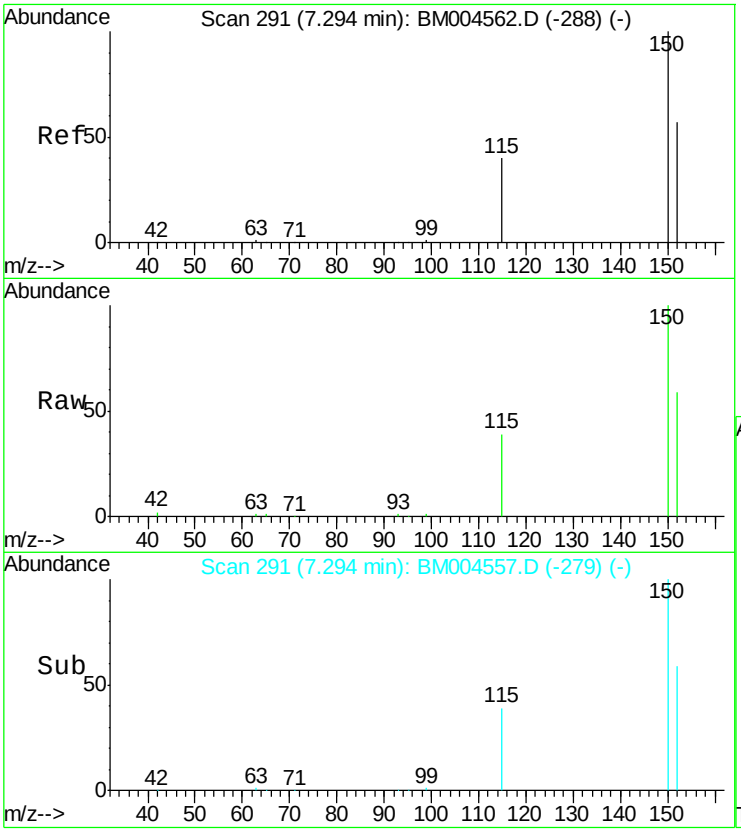
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004557.D
Acq On : 05 Mar 2016 15:42
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Mar 07 08:07:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:54:56 2016
Response via : Initial Calibration



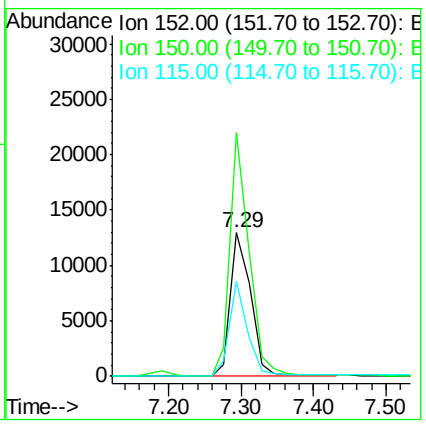


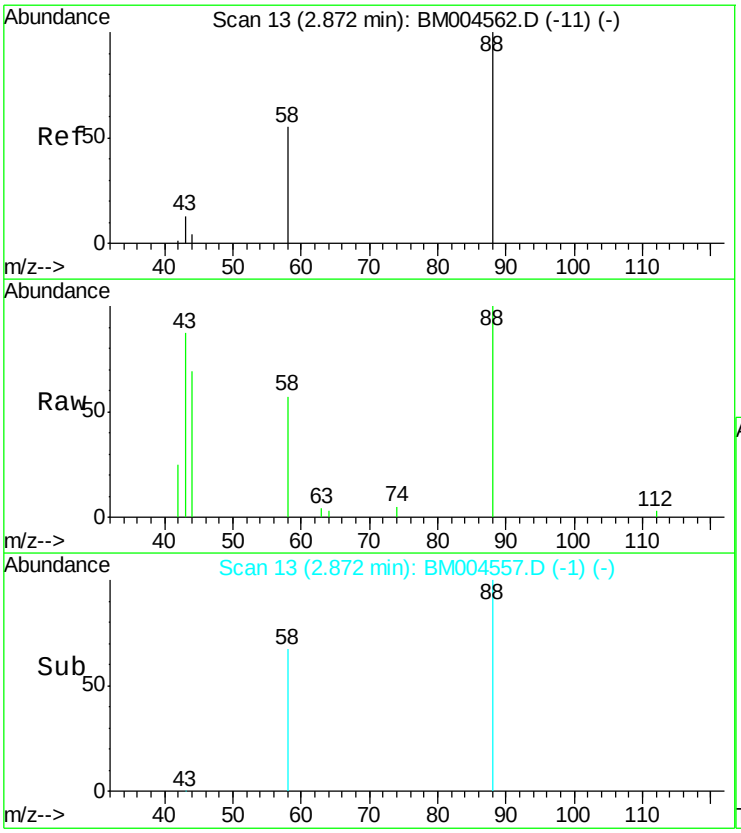
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 24765

Ion	Ratio	Lower	Upper
152	100		
150	169.8	140.1	210.1
115	66.7	56.1	84.1

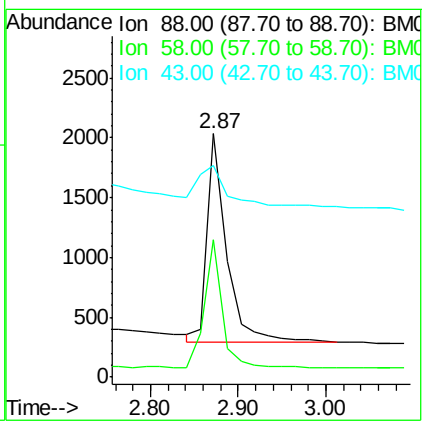


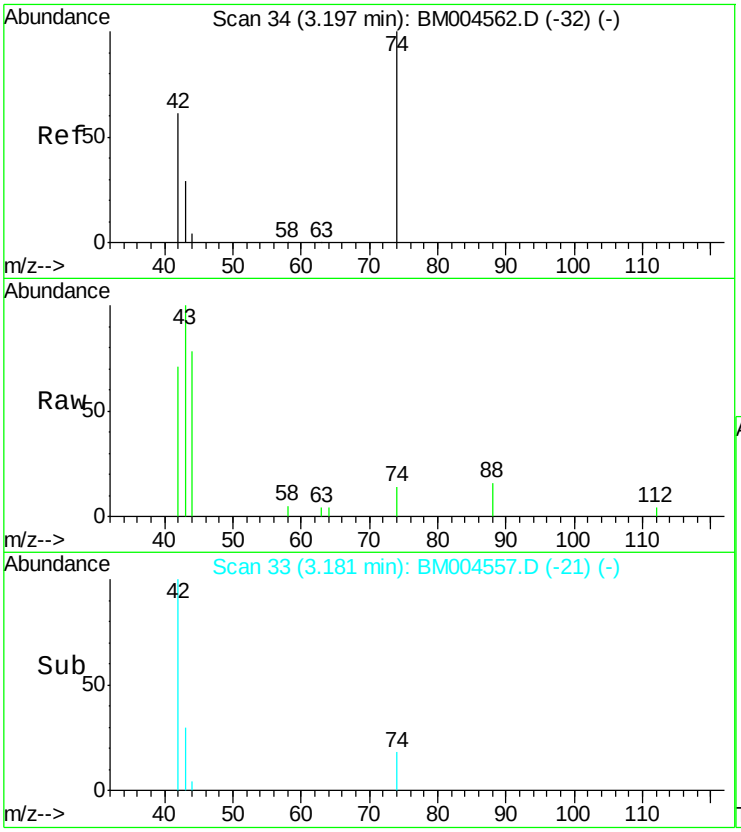


#2
1,4-Dioxane
Concen: 1.06 ng
RT: 2.87 min Scan# 13
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion: 88 Resp: 2665

Ion	Ratio	Lower	Upper
88	100		
58	56.4	0.0	0.0#
43	29.7	0.0	0.0#



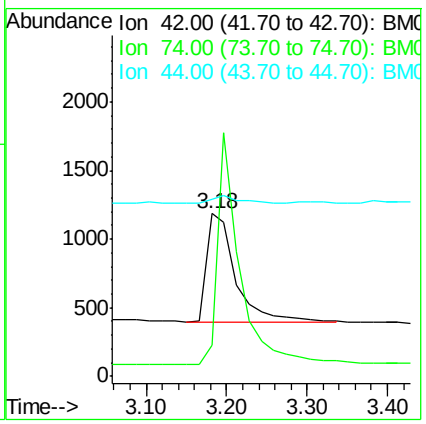


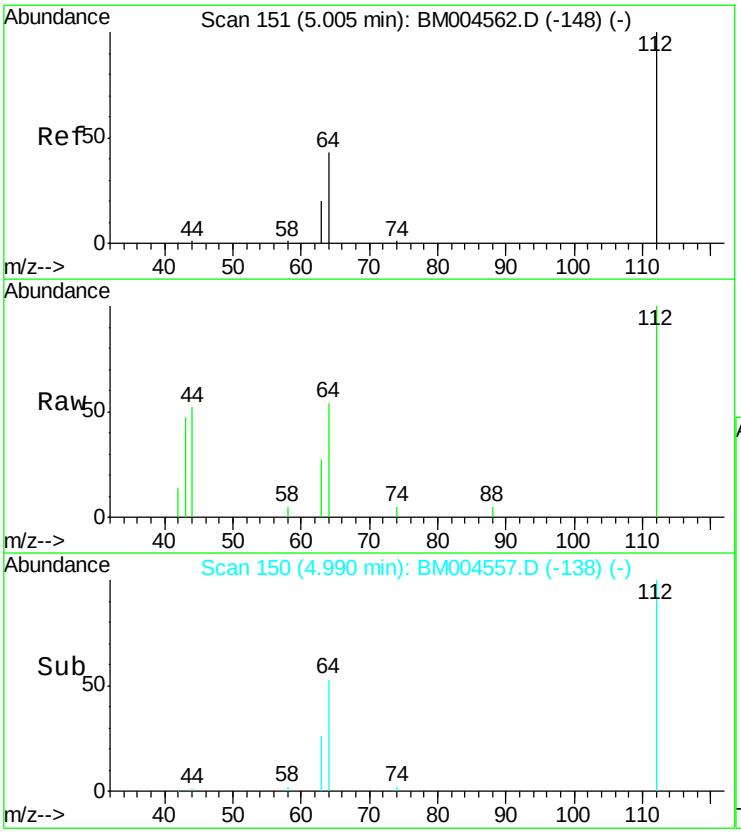
#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.02 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 1950

Ion	Ratio	Lower	Upper
42	100		
74	165.1	0.0	0.0#
44	6.4	0.0	0.0#

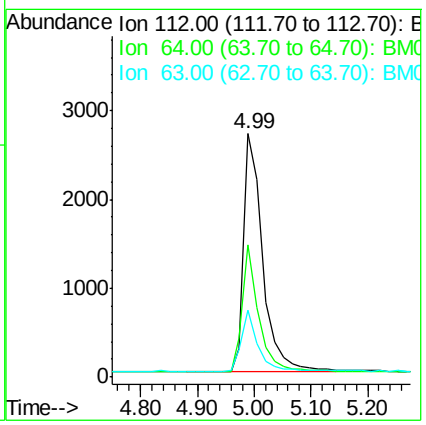


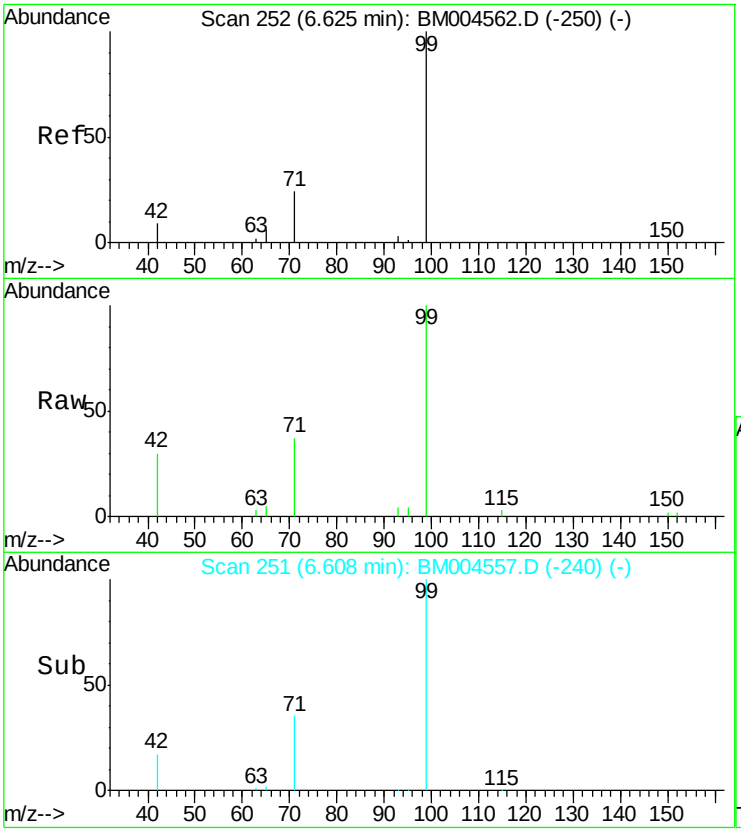


#4
2-Fluorophenol
Concen: 1.06 ng
RT: 4.99 min Scan# 150
Delta R.T. -0.02 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:112 Resp: 6239

Ion	Ratio	Lower	Upper
112	100		
64	46.6	0.0	0.0#
63	22.7	0.0	0.0#



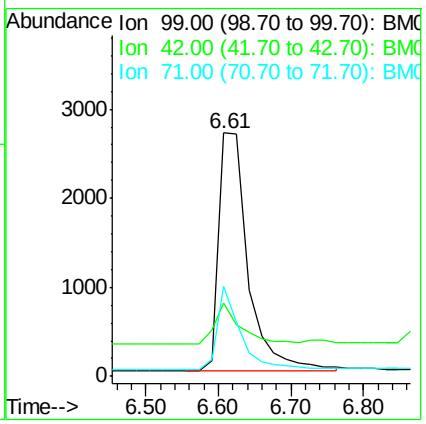


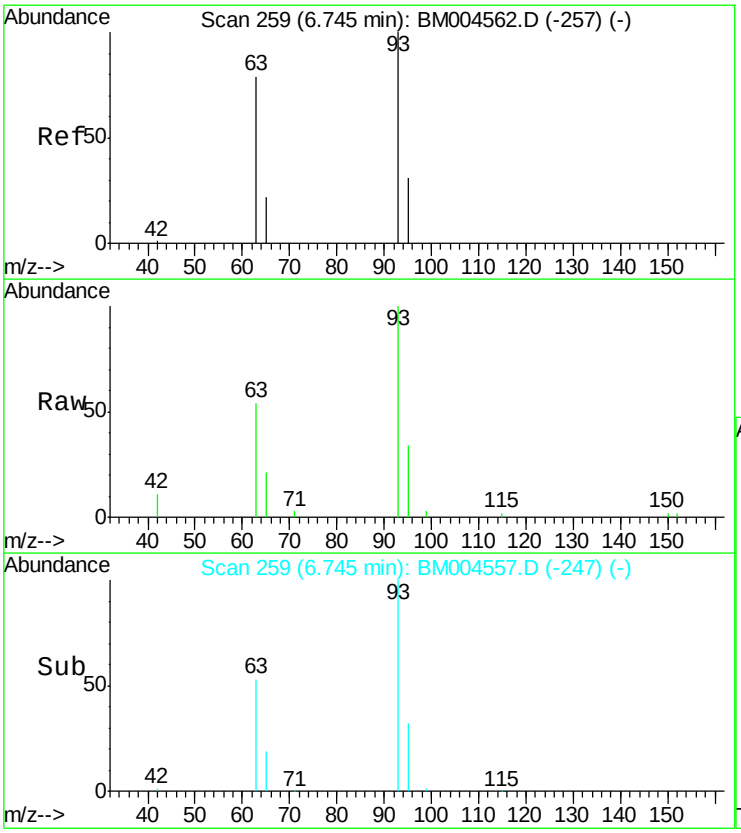
#5
Phenol-d6
Concen: 1.07 ng
RT: 6.61 min Scan# 251
Delta R.T. -0.02 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 7536

Ion	Ratio	Lower	Upper
99	100		
42	14.9	0.0	0.0#
71	27.4	0.2	0.2#

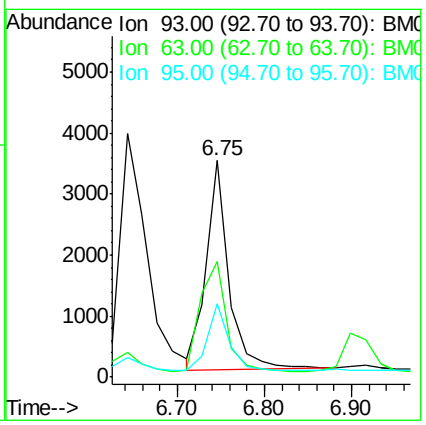


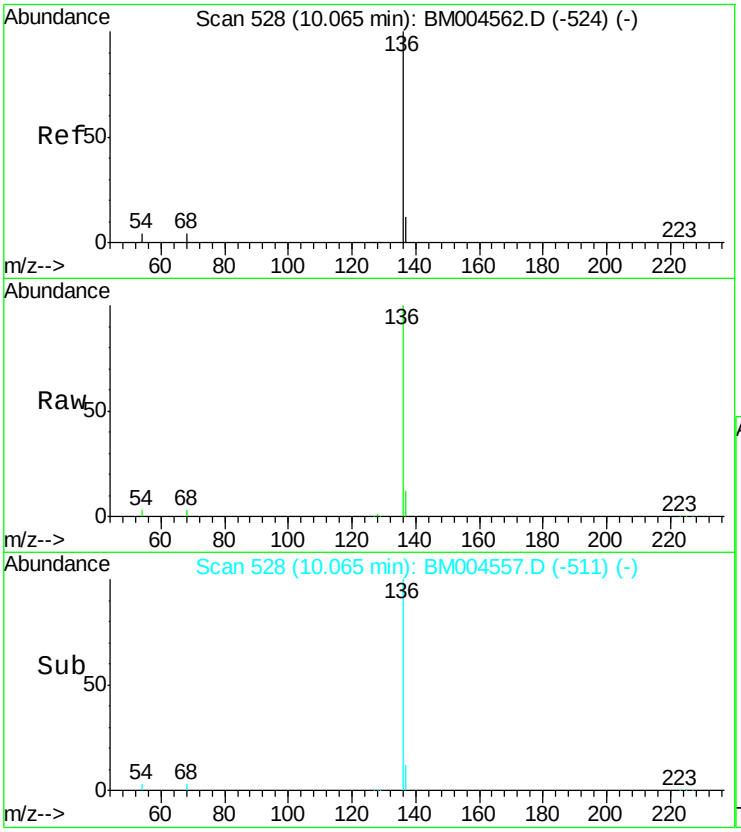


#6
bis(2-Chloroethyl)ether
Concen: 1.04 ng
RT: 6.75 min Scan# 259
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion: 93 Resp: 6204

Ion	Ratio	Lower	Upper
93	100		
63	61.3	18.7	28.1#
95	30.3	0.0	0.0#



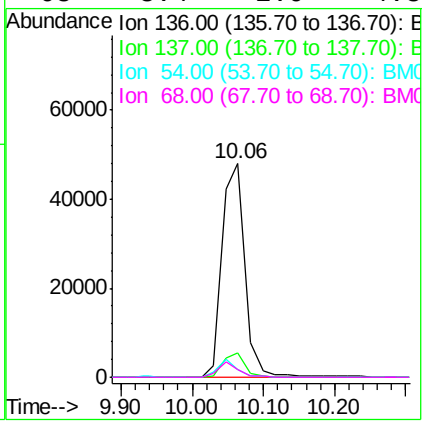


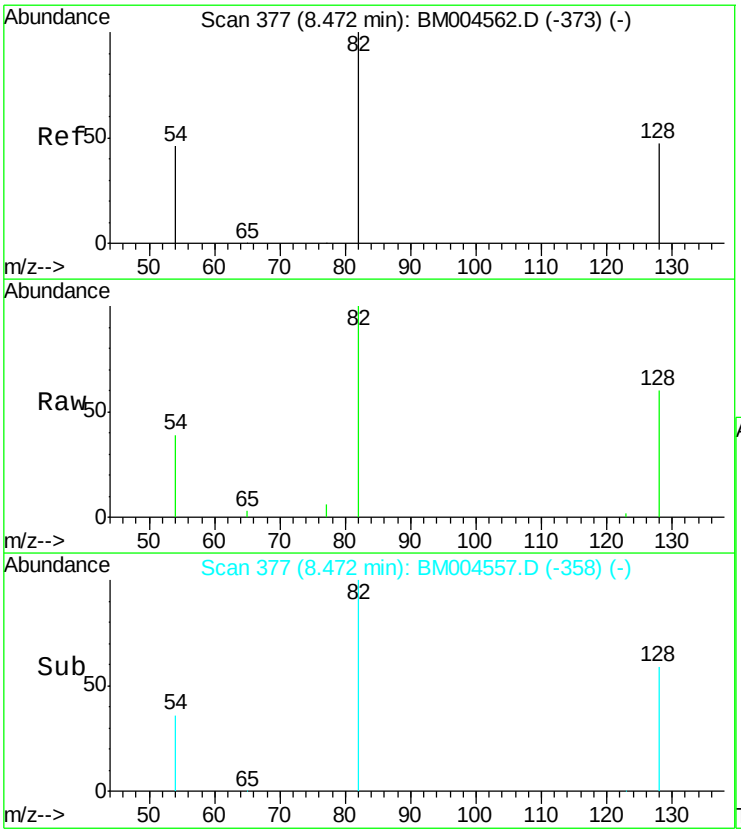
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.06 min Scan# 528
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 100998

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.4	3.0	4.4
68	3.4	2.9	4.3

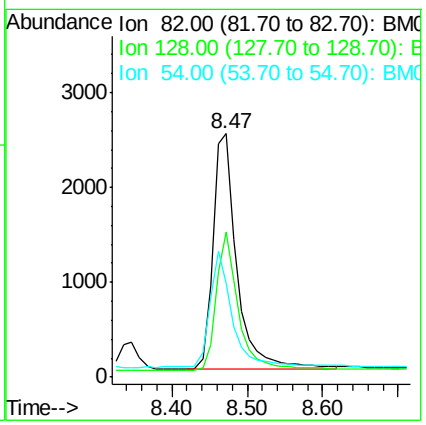


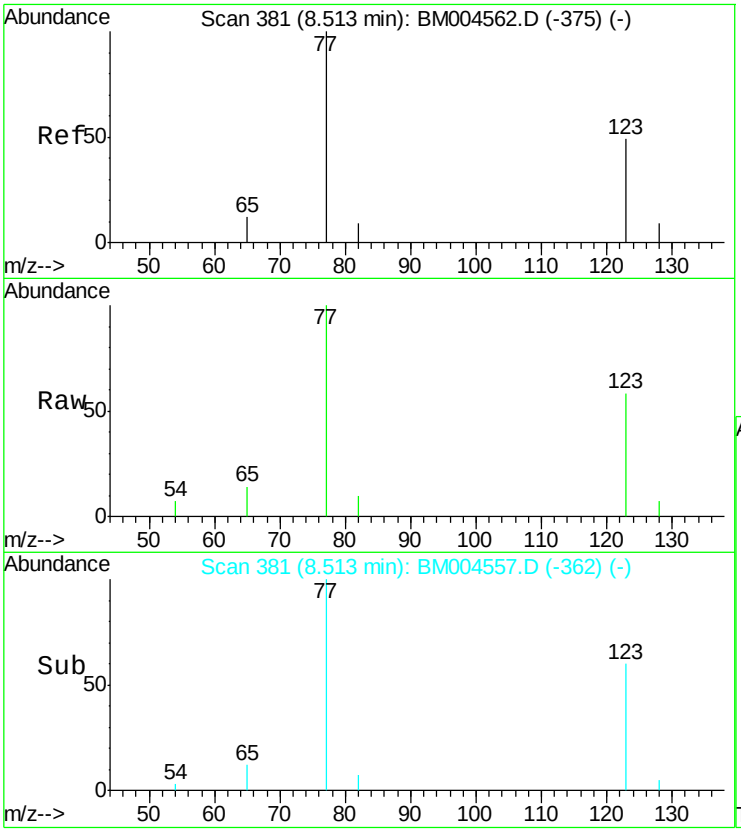


#8
Nitrobenzene-d5
Concen: 1.03 ng
RT: 8.47 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion: 82 Resp: 5551

Ion	Ratio	Lower	Upper
82	100		
128	59.6	38.6	58.0#
54	38.7	38.5	57.7



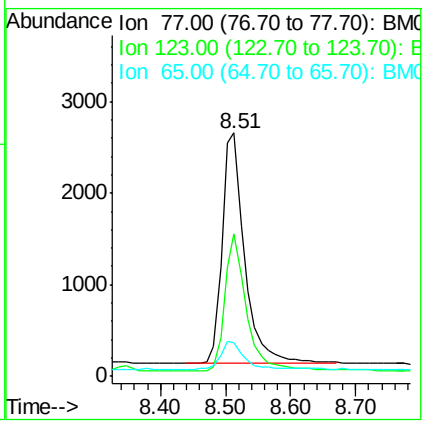


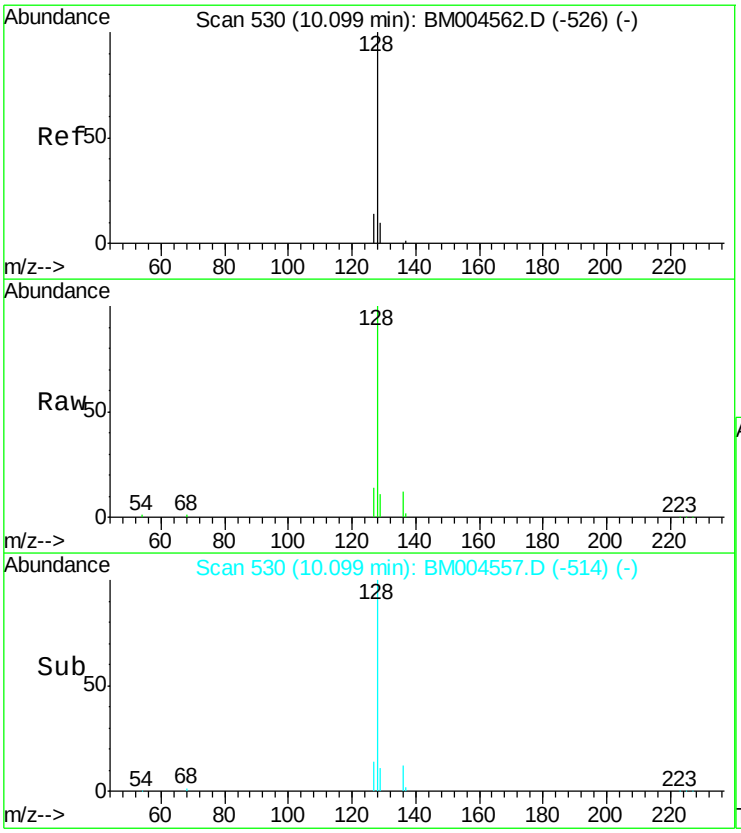
#9
Nitrobenzene
Concen: 1.00 ng
RT: 8.51 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 6036

Ion	Ratio	Lower	Upper
77	100		
123	56.6	0.0	0.0#
65	12.2	0.0	0.0#

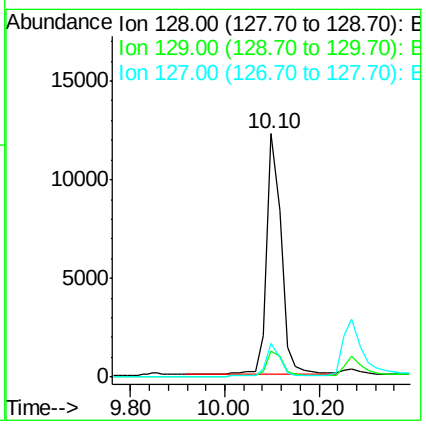


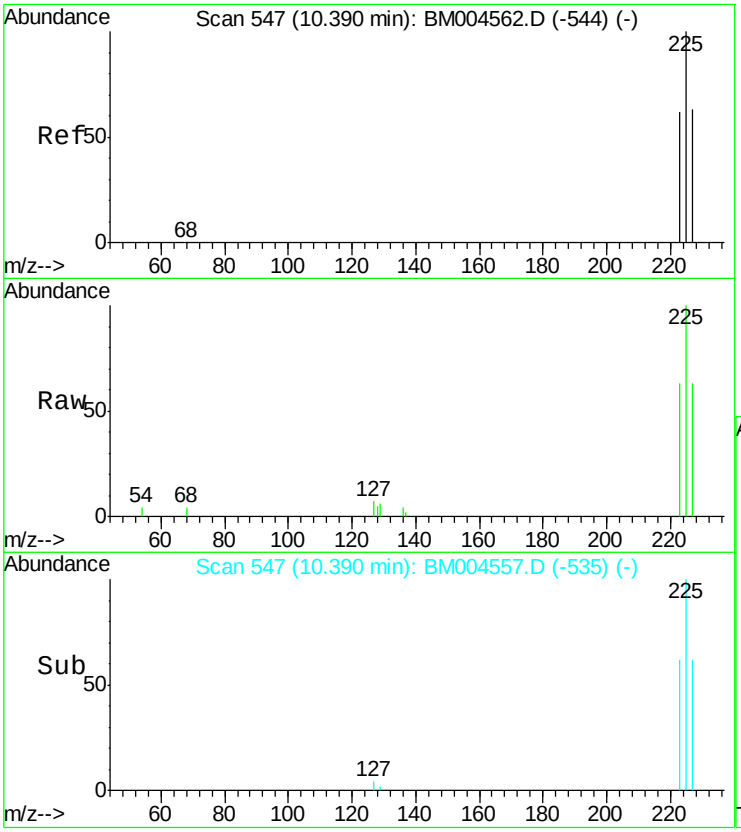


#10
Naphthalene
Concen: 0.95 ng
RT: 10.10 min Scan# 530
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:128 Resp: 21957

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	14.0	11.3	16.9



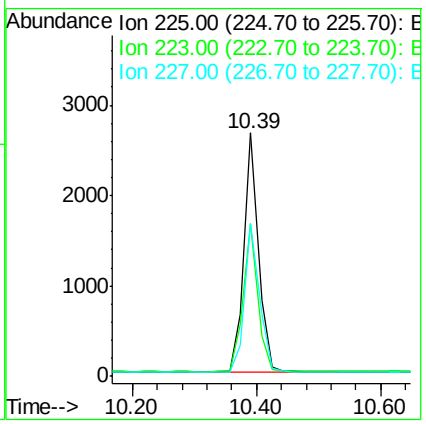


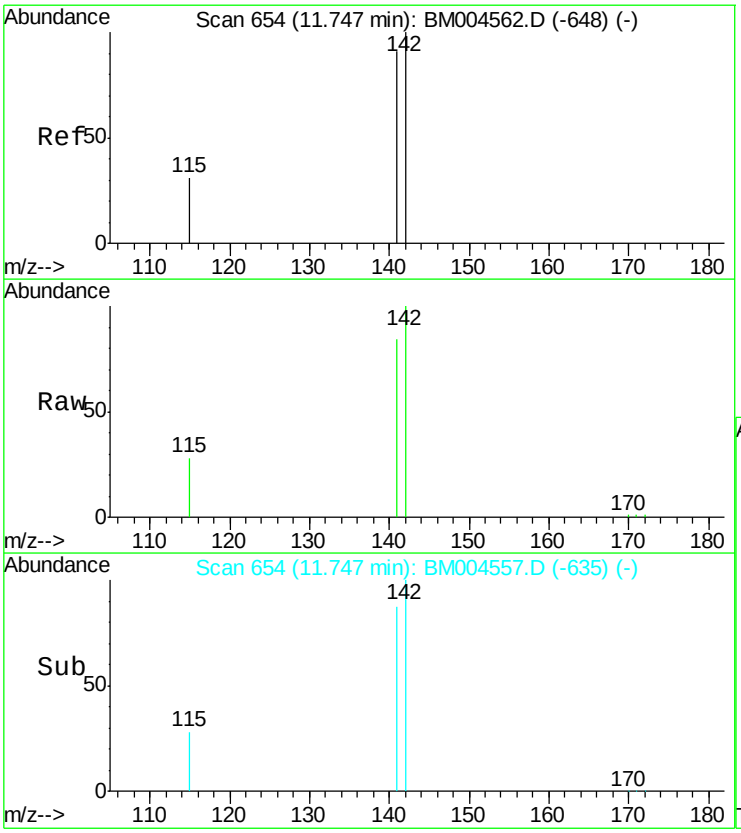
#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 4287

Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	0.0#
227	63.5	0.0	0.0#

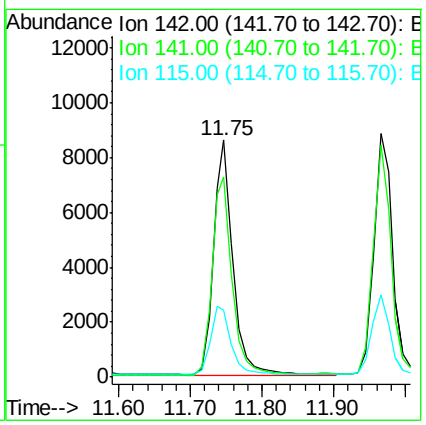


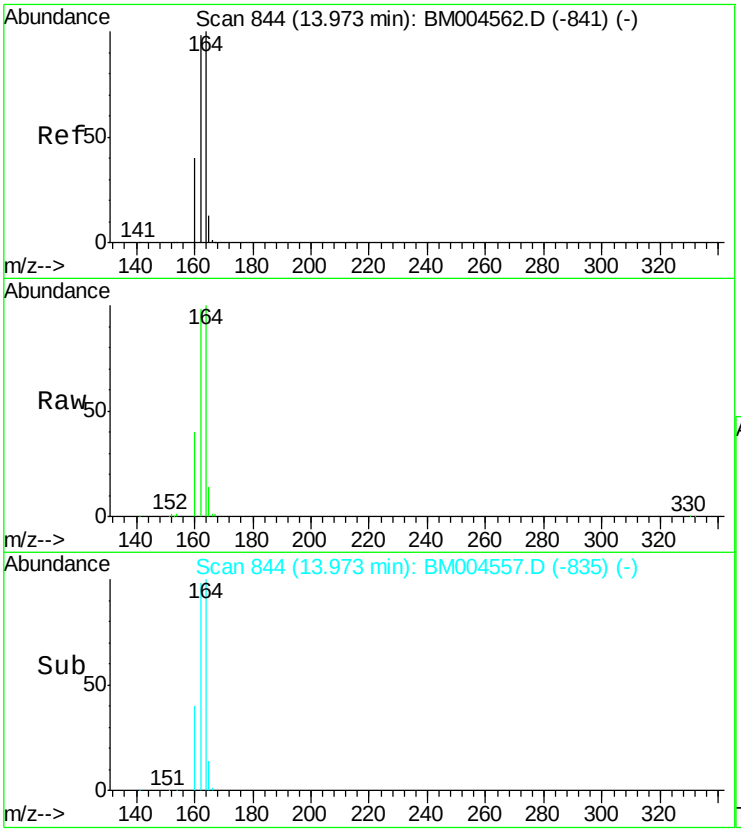


#12
2-Methylnaphthalene
Concen: 1.00 ng
RT: 11.75 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:142 Resp: 16156

Ion	Ratio	Lower	Upper
142	100		
141	84.5	72.3	108.5
115	28.0	25.4	38.2



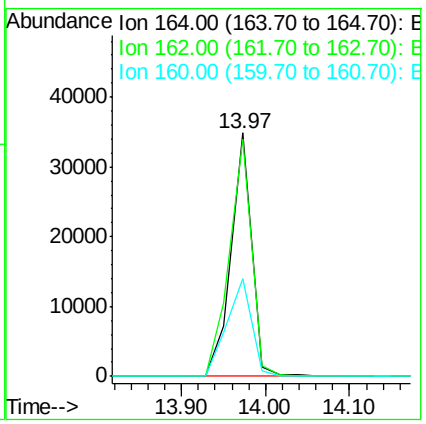


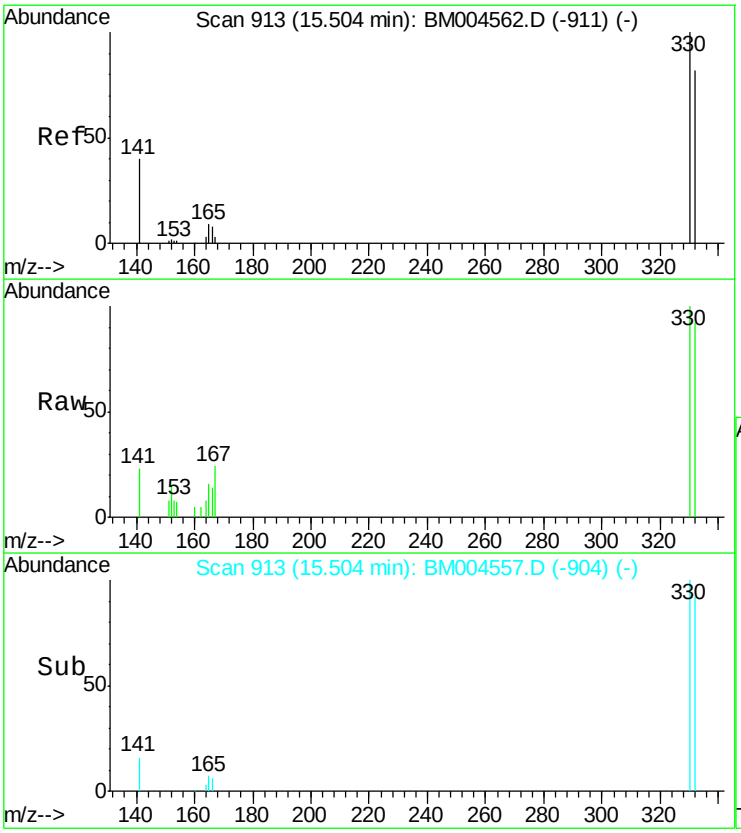
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 58307

Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.2	117.2
160	40.4	31.9	47.9

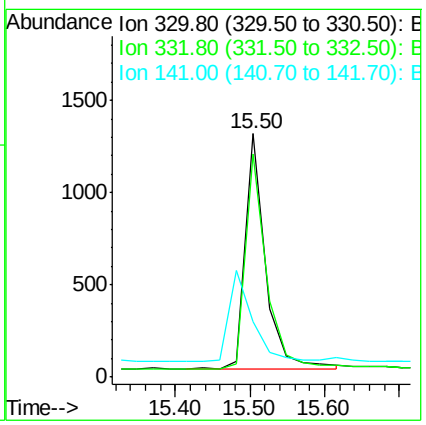


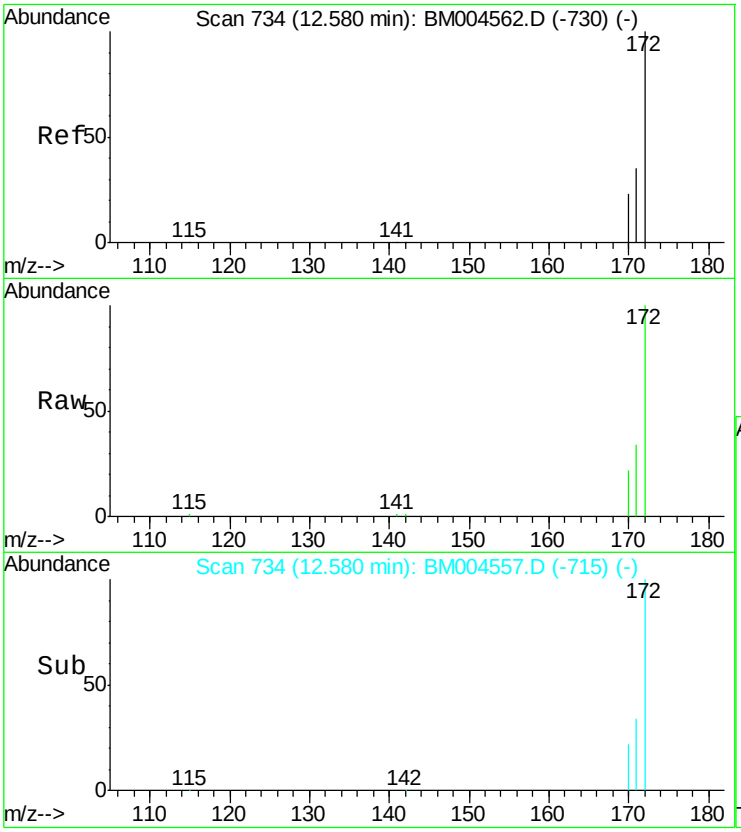


#14
2,4,6-Tribromophenol
Concen: 1.14 ng
RT: 15.50 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:330 Resp: 2364

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	0.0	0.0	0.0



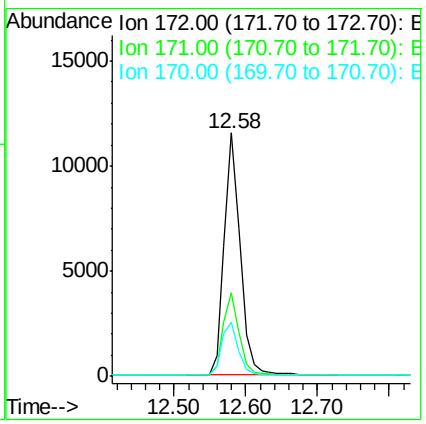


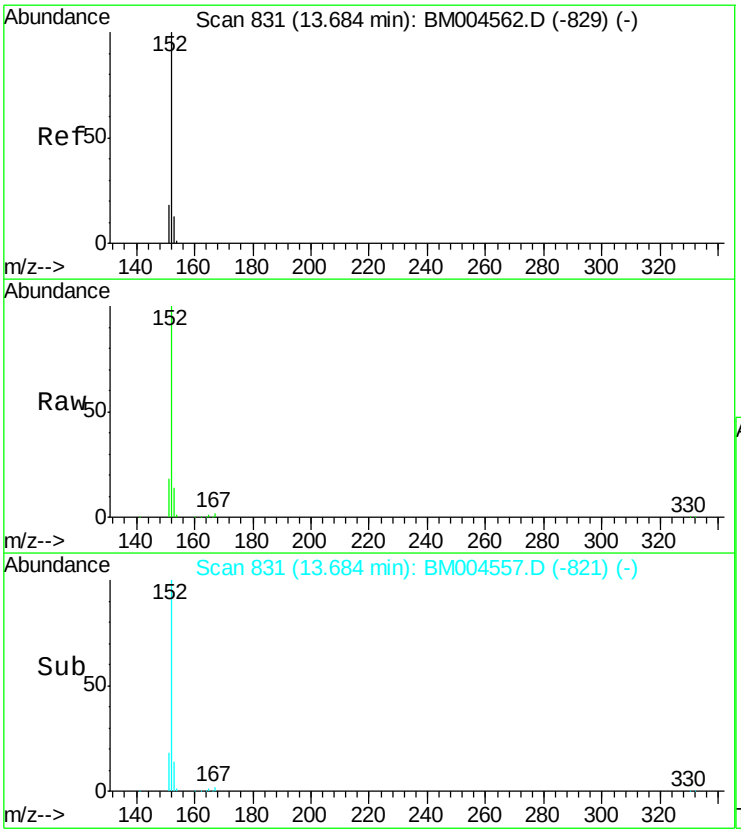
#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.58 min Scan# 734
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 18029

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	22.0	19.1	28.7

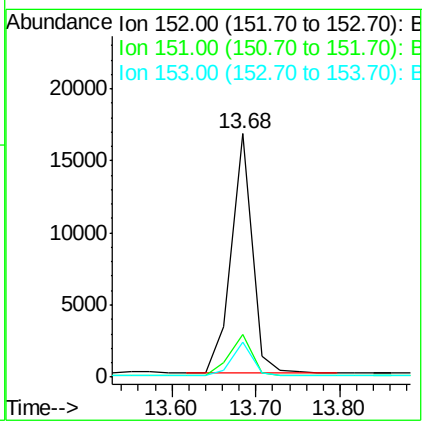


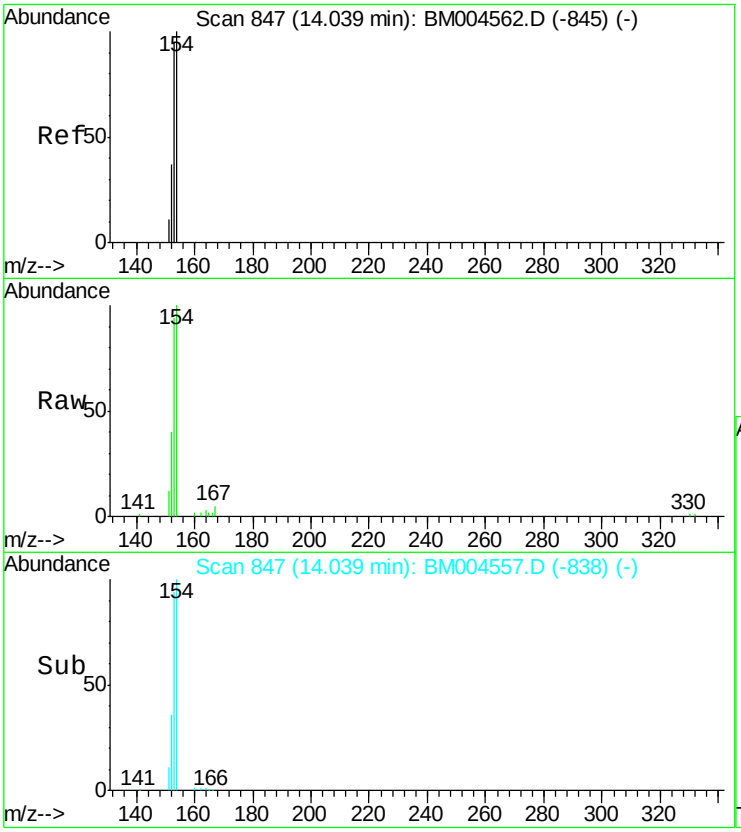


#16
Acenaphthylene
Concen: 1.00 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:152 Resp: 28266

Ion	Ratio	Lower	Upper
152	100		
151	19.1	9.2	13.8#
153	13.2	51.4	77.0#



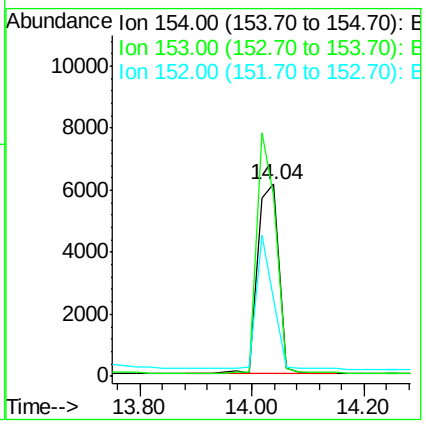


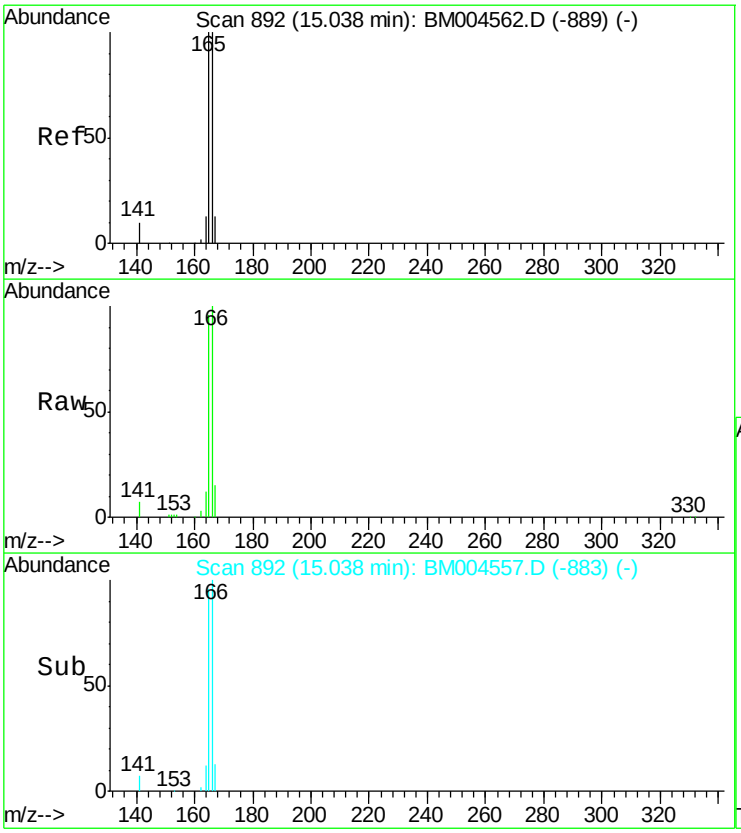
#17
Acenaphthene
Concen: 1.00 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 16265

Ion	Ratio	Lower	Upper
154	100		
153	0.0	0.0	0.0
152	0.0	0.2	0.2#

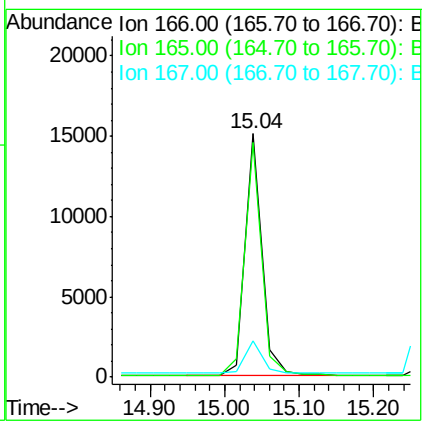


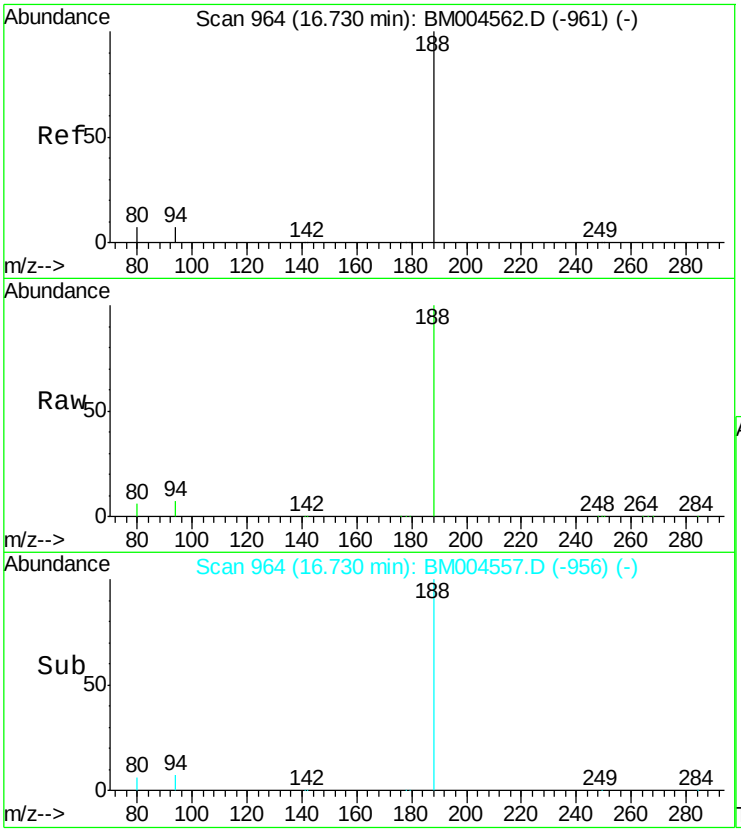


#18
Fluorene
Concen: 1.04 ng
RT: 15.04 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:166 Resp: 23776

Ion	Ratio	Lower	Upper
166	100		
165	96.3	0.0	0.0#
167	13.3	20.0	30.0#



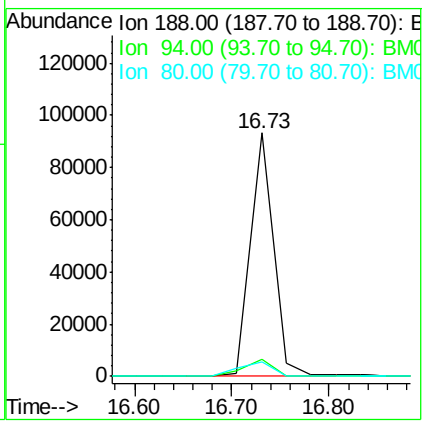


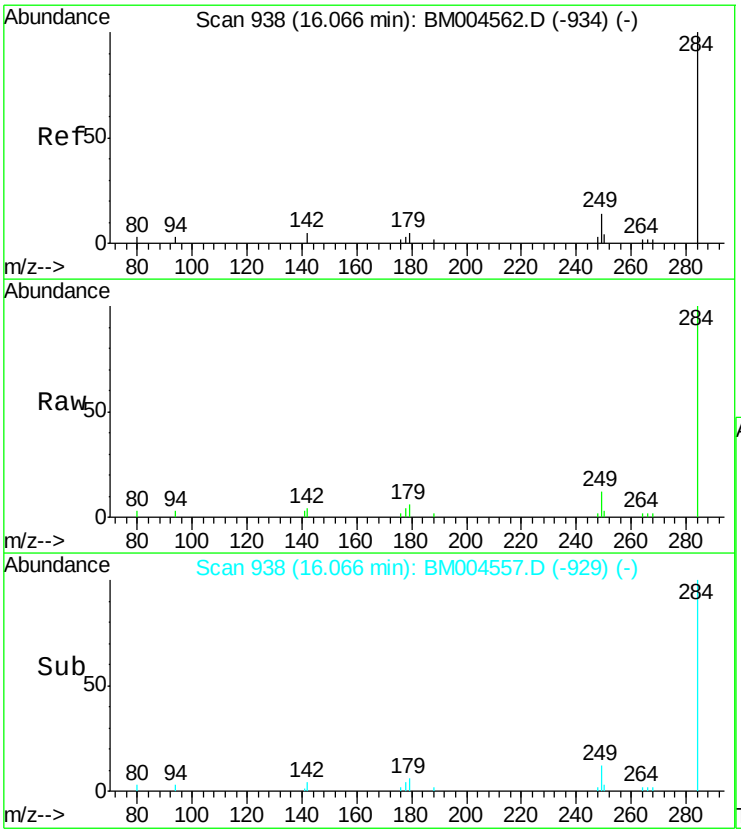
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 154002

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.0	9.0
80	5.9	5.3	7.9

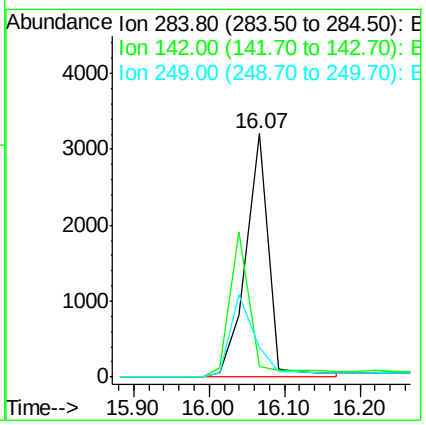


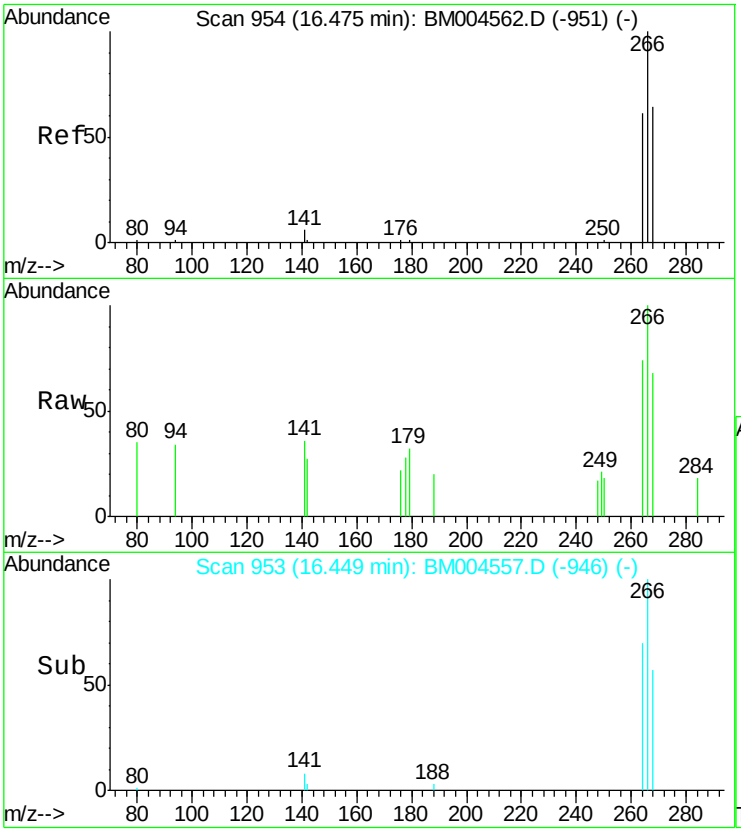


#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.07 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:284 Resp: 6470

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



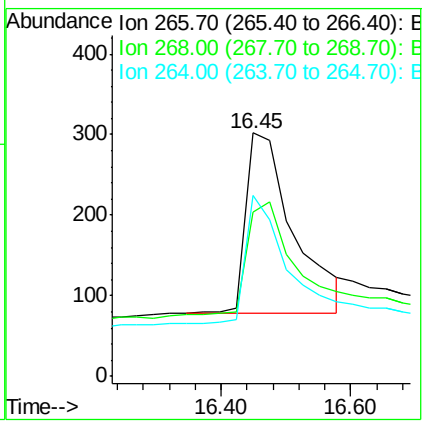


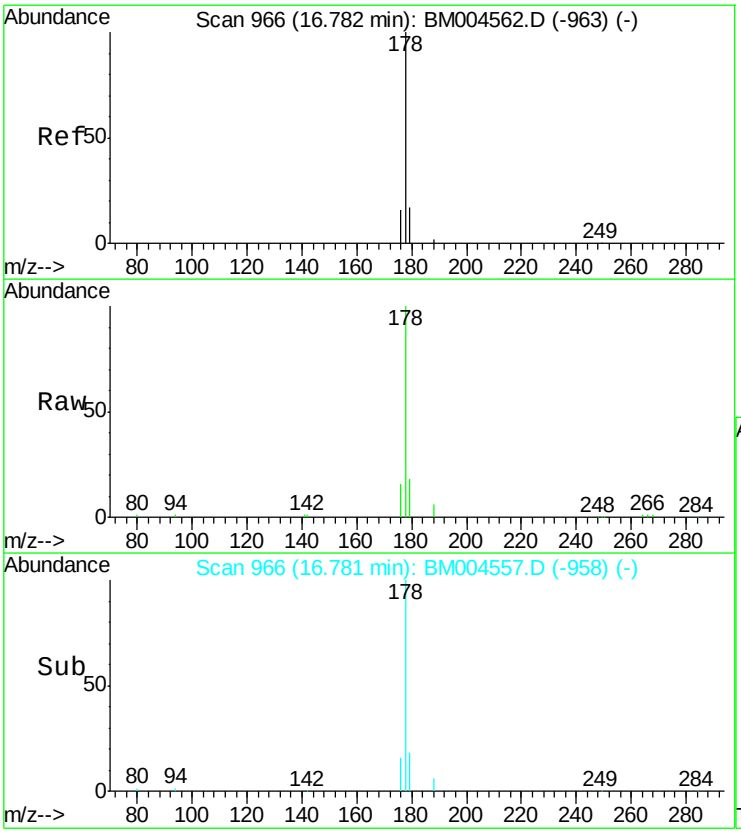
#21
Pentachlorophenol
Concen: 1.60 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1127

Ion	Ratio	Lower	Upper
266	100		
268	67.5	62.6	94.0
264	74.2	57.4	86.0

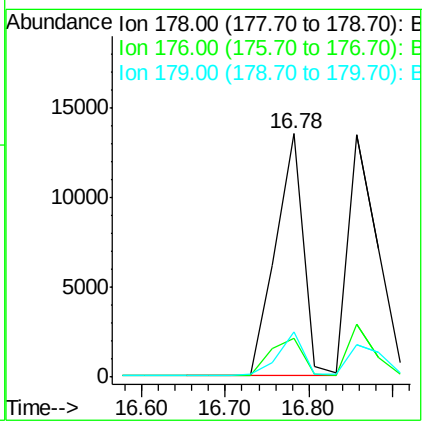


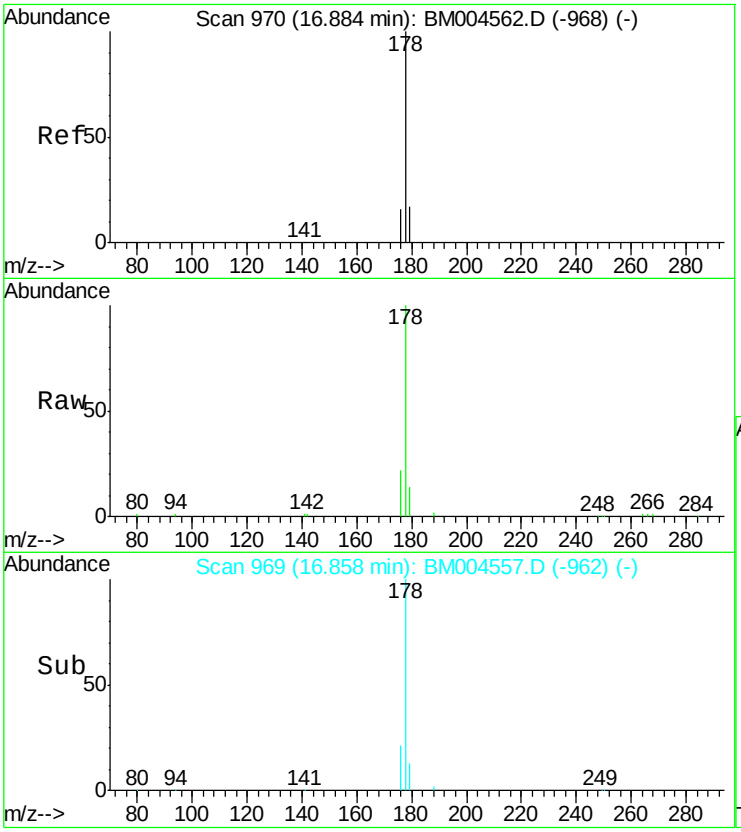


#22
Phenanthrene
Concen: 0.98 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:178 Resp: 31182

Ion	Ratio	Lower	Upper
178	100		
176	18.6	0.0	0.0#
179	16.3	0.0	0.0#



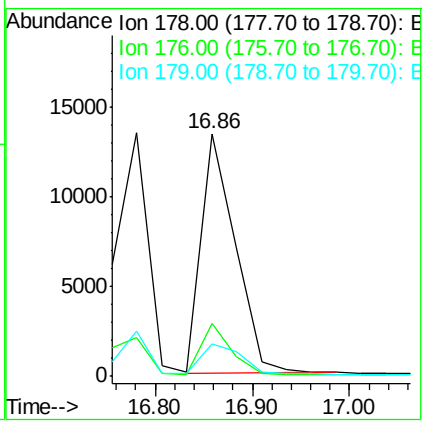


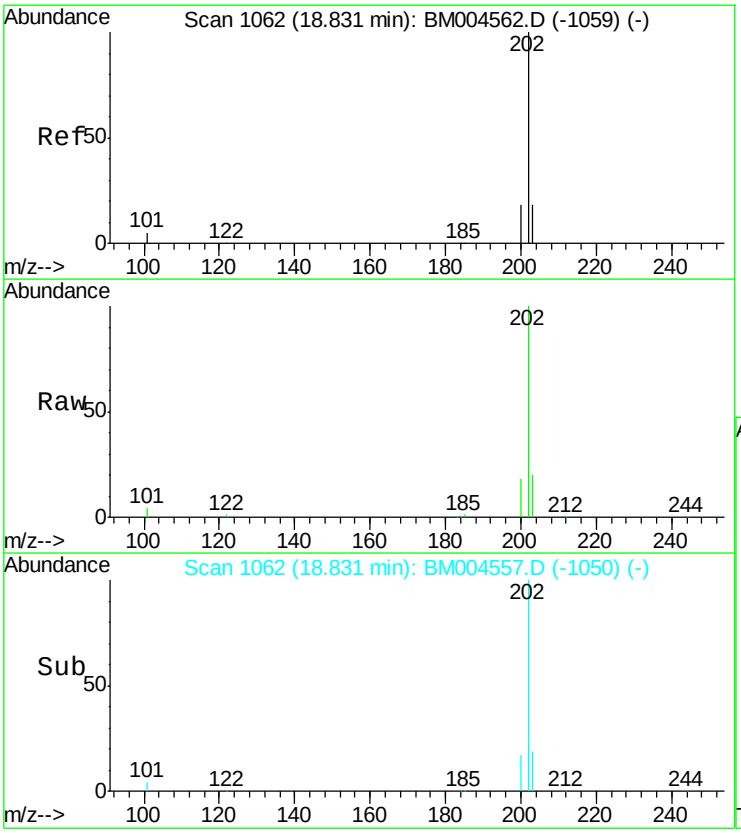
#23
Anthracene
Concen: 1.00 ng
RT: 16.86 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 32532

Ion	Ratio	Lower	Upper
178	100		
176	19.2	0.0	0.0#
179	14.4	0.0	0.0#

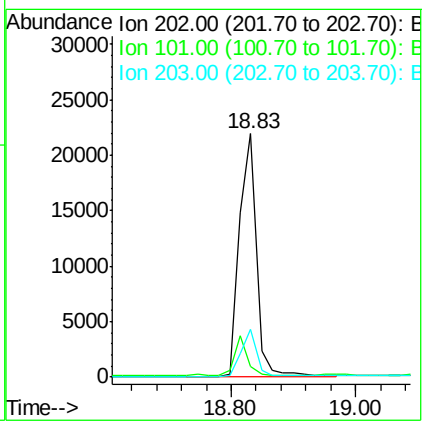


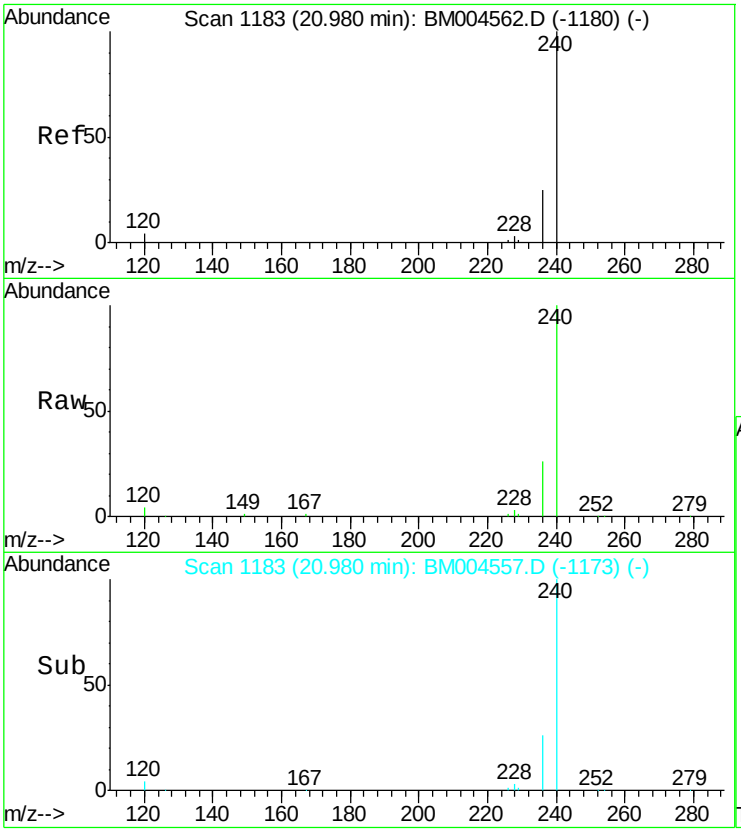


#24
Fluoranthene
Concen: 1.01 ng
RT: 18.83 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:202 Resp: 42009

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
203	17.4	14.6	21.8



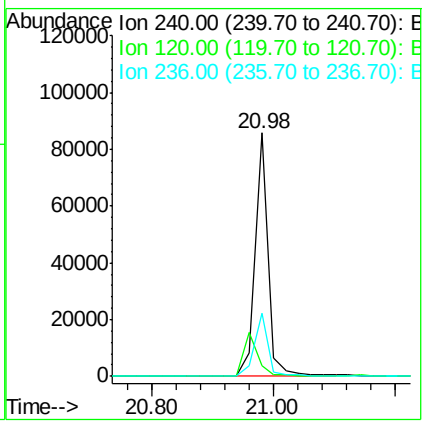


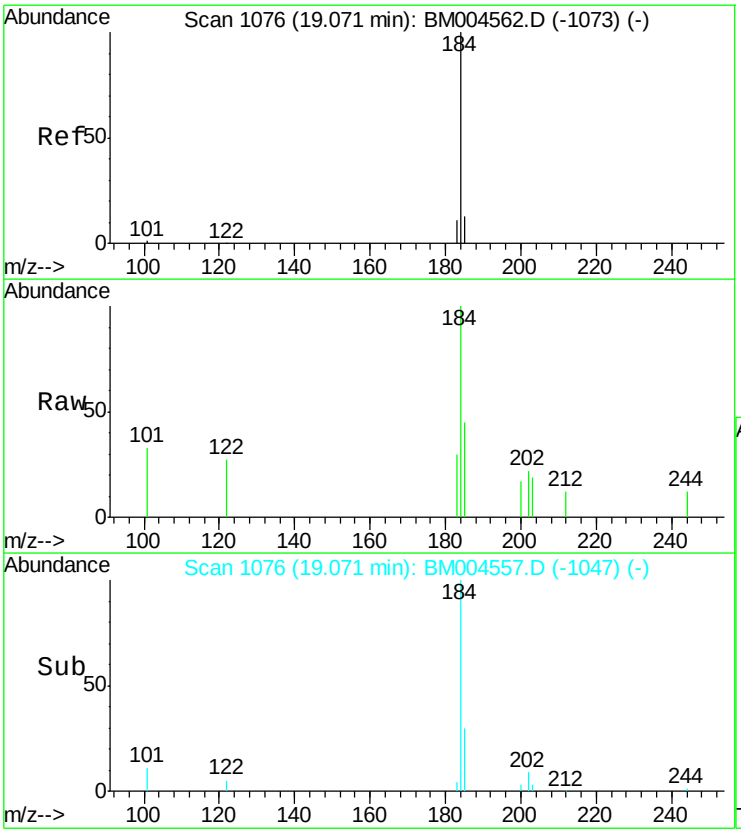
#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 128766

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.5	5.3
236	25.9	20.3	30.5

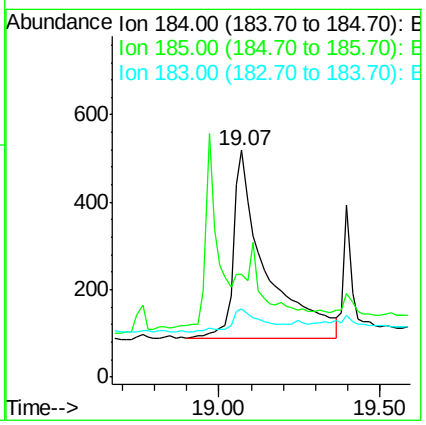


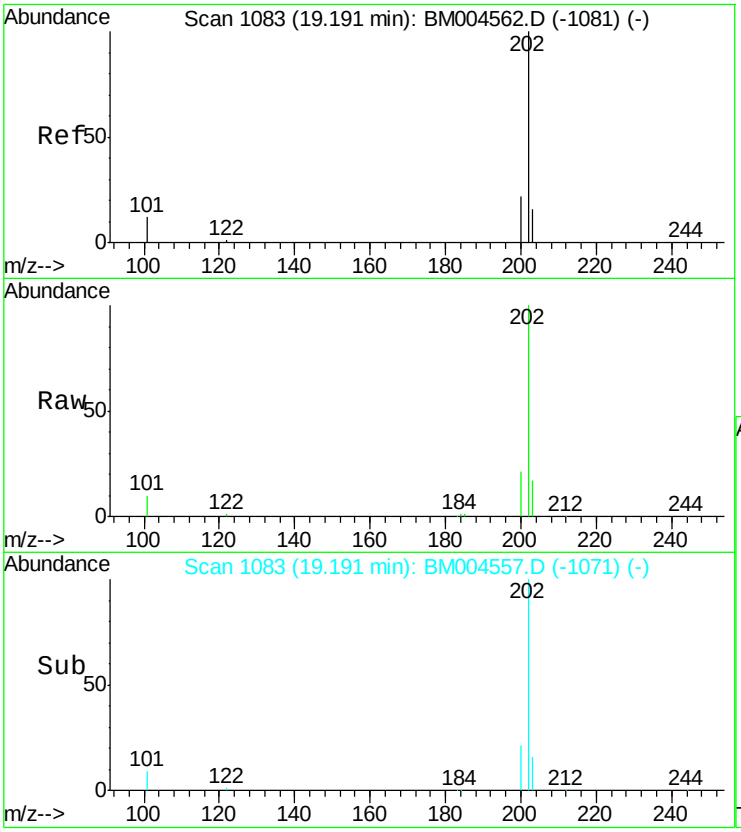


#26
Benzidine
Concen: 0.68 ng
RT: 19.07 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:184 Resp: 2943

Ion	Ratio	Lower	Upper
184	100		
185	45.1	19.4	29.0#
183	29.9	16.5	24.7#



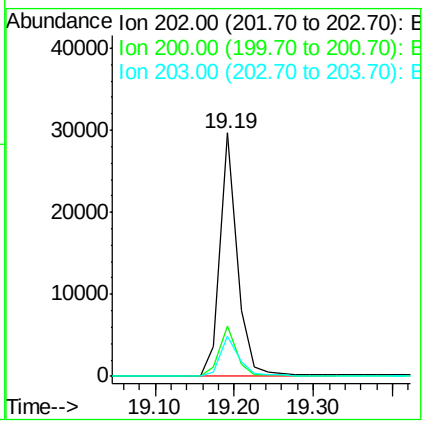


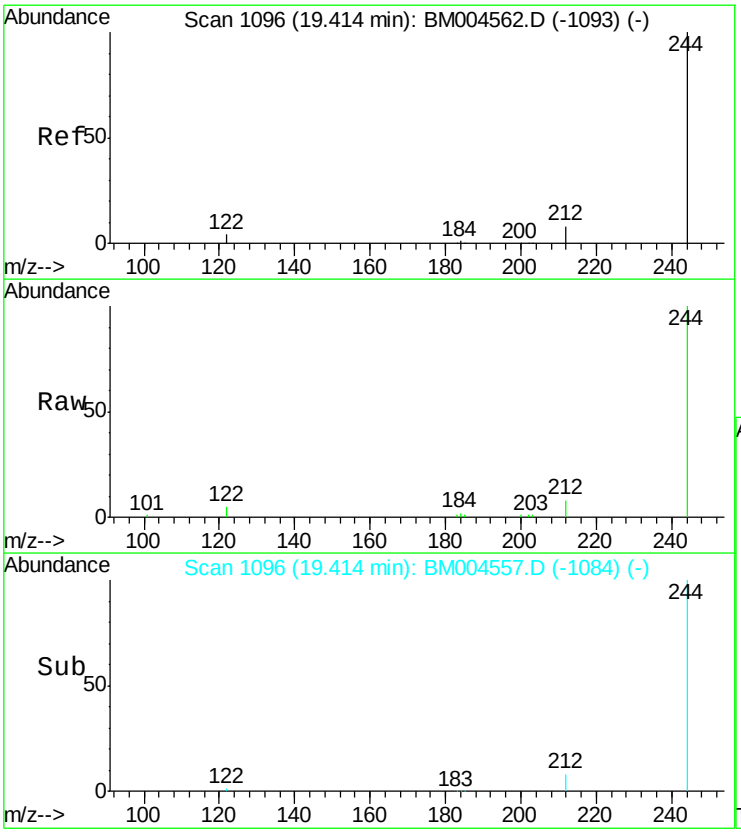
#27
Pyrene
Concen: 0.99 ng
RT: 19.19 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 44377

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.2	0.2#
203	17.2	0.0	0.0#

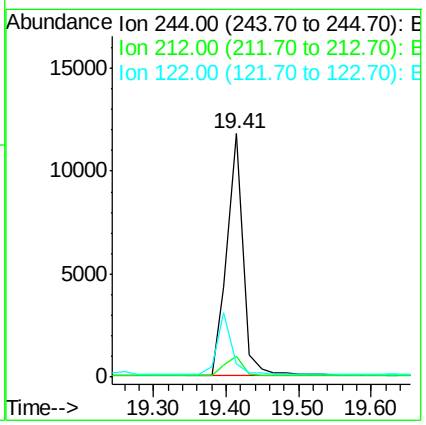


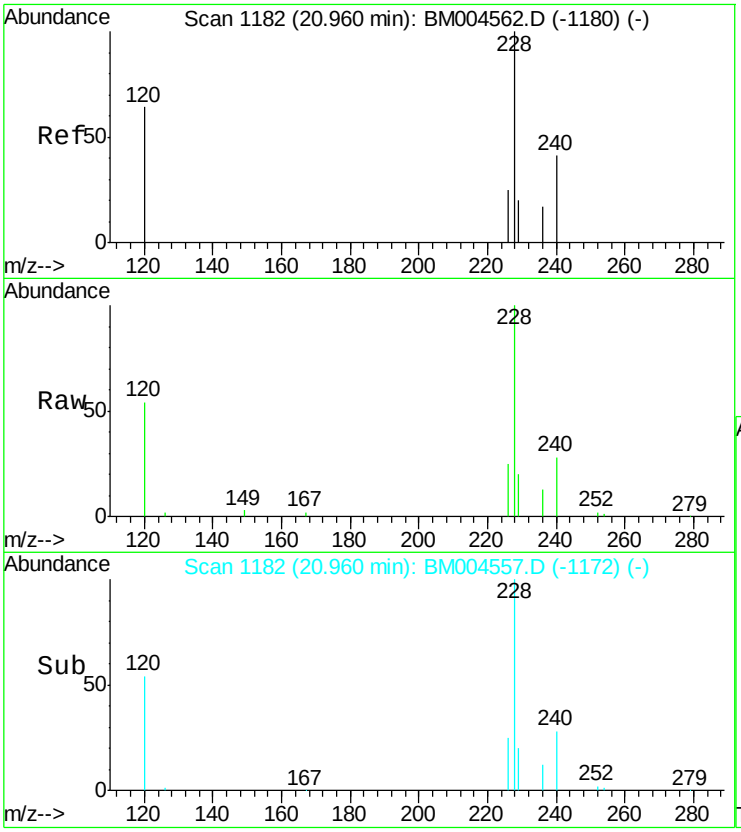


#28
Terphenyl-d14
Concen: 0.98 ng
RT: 19.41 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:244 Resp: 18507

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	5.5	4.2	6.4



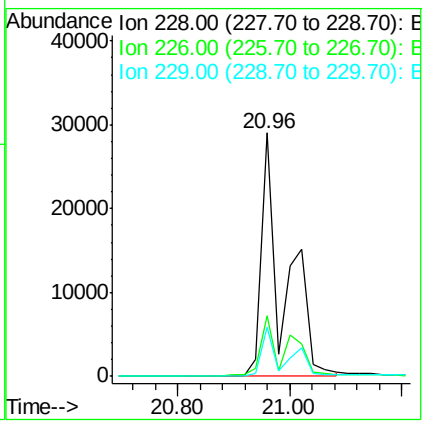


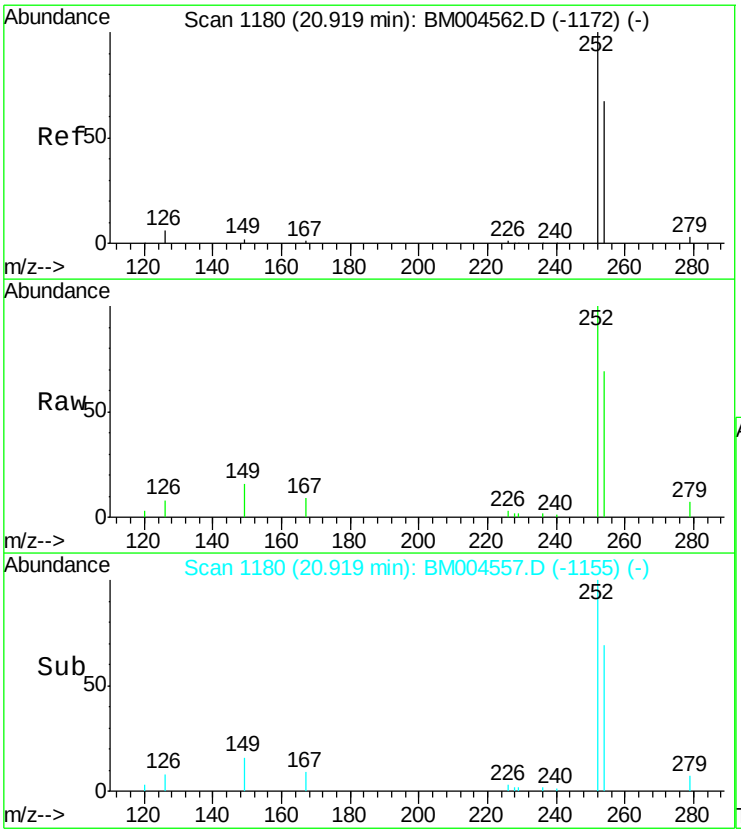
#29
Benzo(a)anthracene
Concen: 1.96 ng
RT: 20.96 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 78980

Ion	Ratio	Lower	Upper
228	100		
226	24.8	20.3	30.5
229	20.2	16.3	24.5

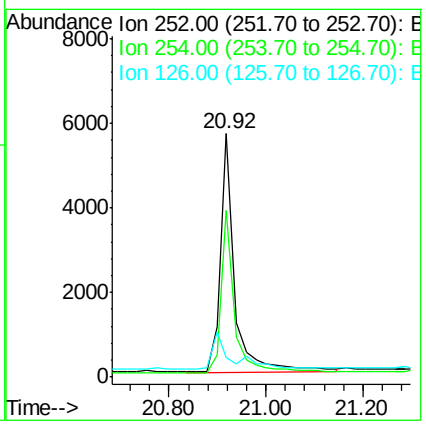


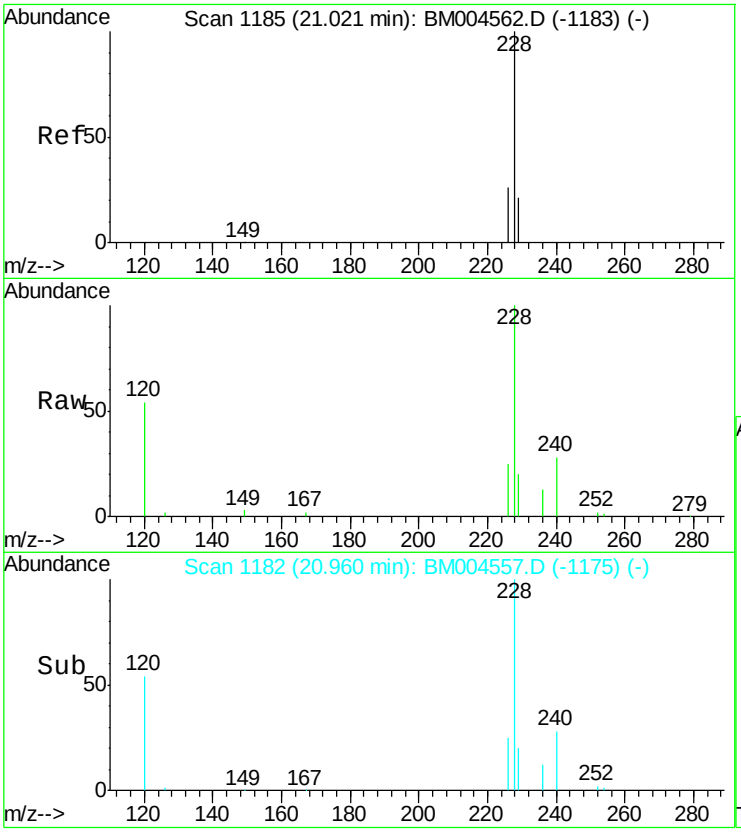


#30
3,3'-Dichlorobenzidine
Concen: 0.91 ng
RT: 20.92 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:252 Resp: 11893

Ion	Ratio	Lower	Upper
252	100		
254	68.7	53.9	80.9
126	8.1	6.9	10.3



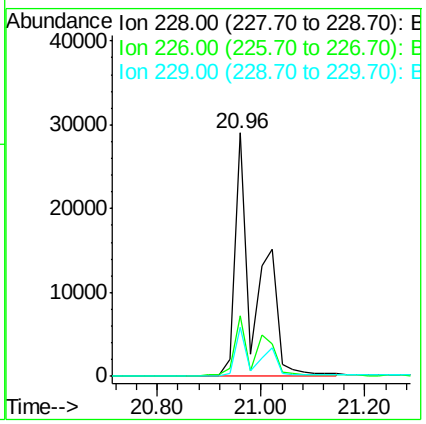


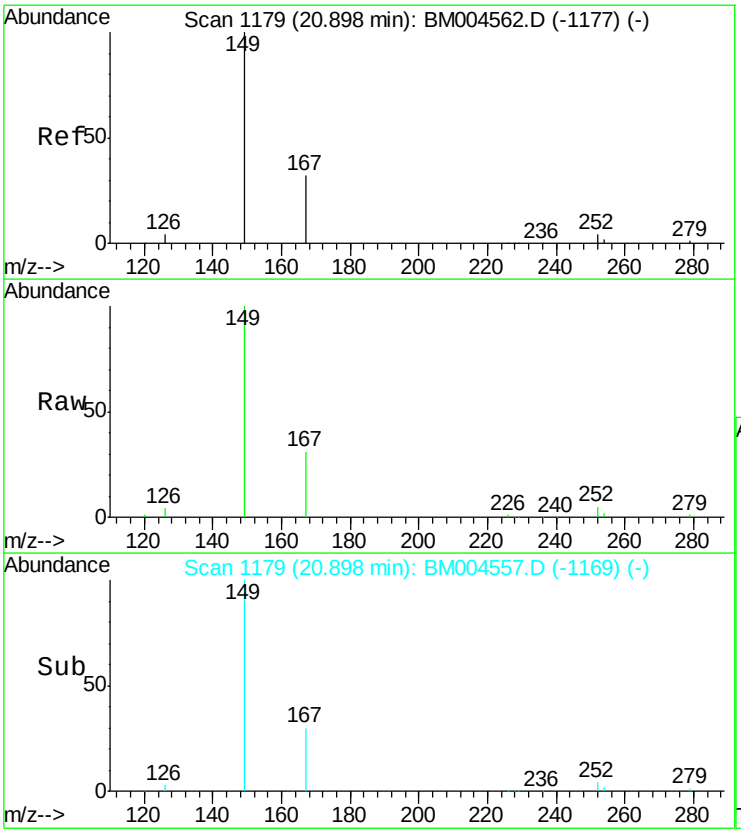
#31
Chrysene
Concen: 1.99 ng
RT: 20.96 min Scan# 1182
Delta R.T. -0.06 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 79888

Ion	Ratio	Lower	Upper
228	100		
226	24.8	20.3	30.5
229	20.2	17.8	26.6

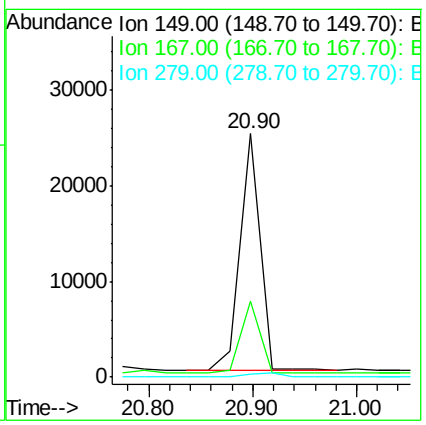


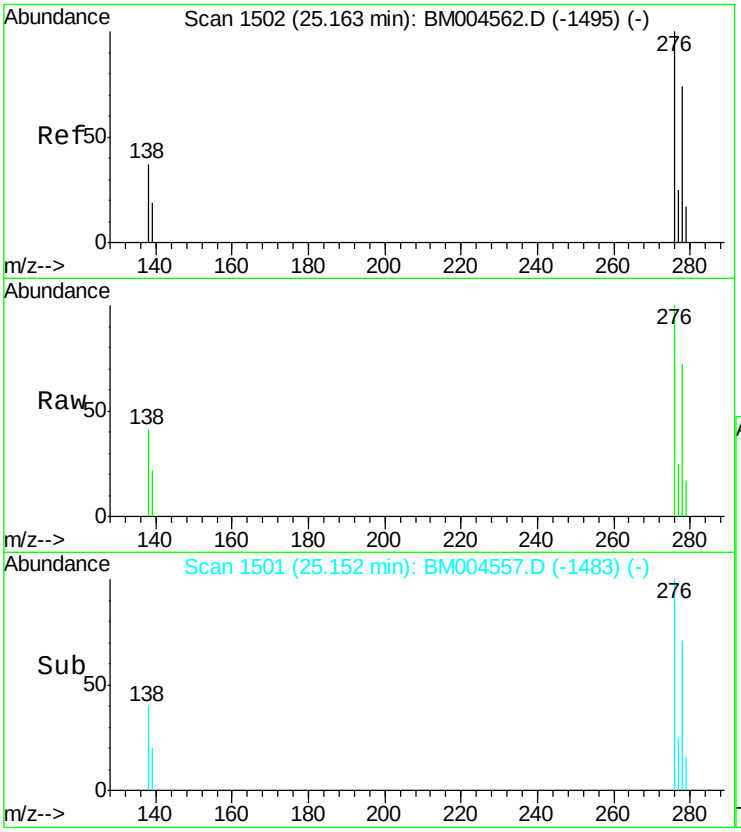


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.15 ng
RT: 20.90 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:149 Resp: 33493

Ion	Ratio	Lower	Upper
149	100		
167	29.4	0.6	0.8#
279	0.0	0.0	0.0



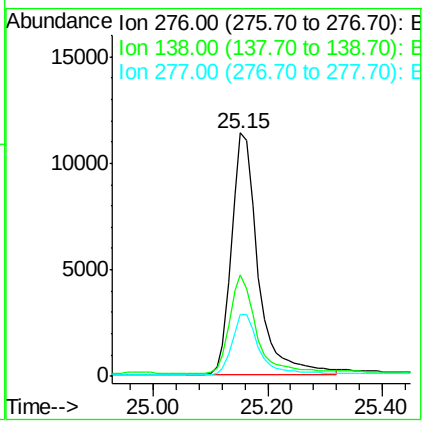


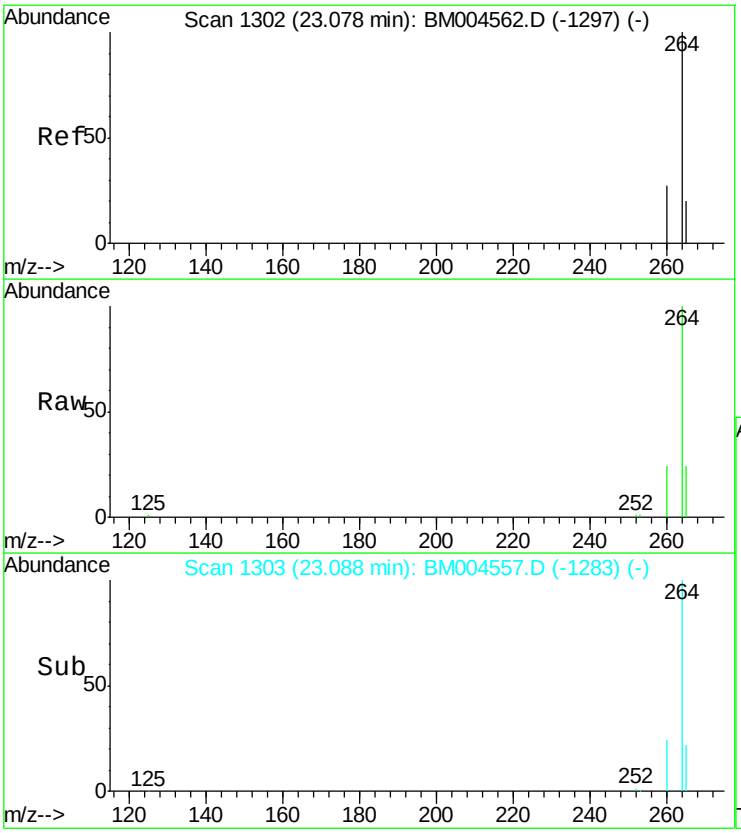
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.15 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 36708

Ion	Ratio	Lower	Upper
276	100		
138	40.1	22.8	34.2#
277	24.9	15.2	22.8#

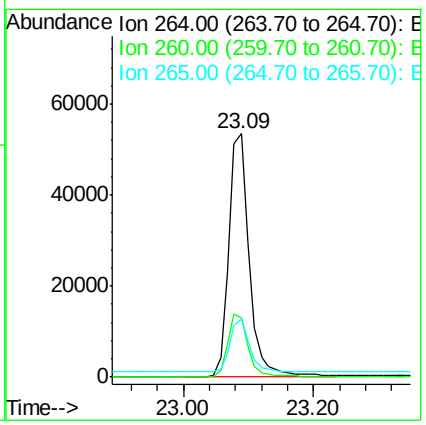


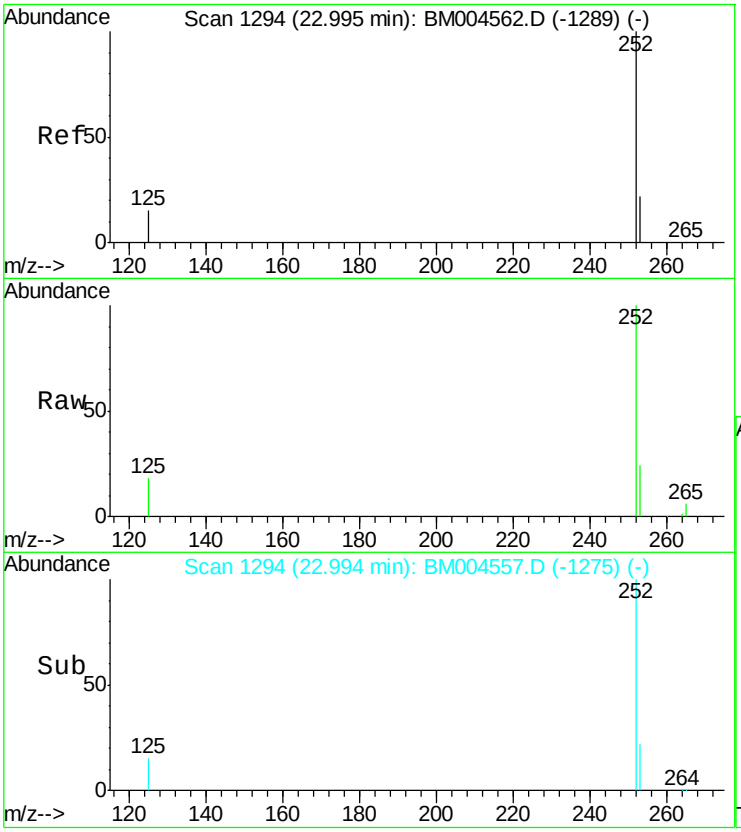


#34
Perylene-d12
Concen: 5.00 ng
RT: 23.09 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:264 Resp: 115338

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.4	32.2
265	24.0	17.8	26.8



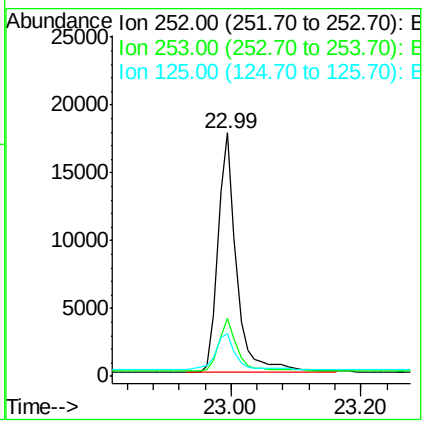


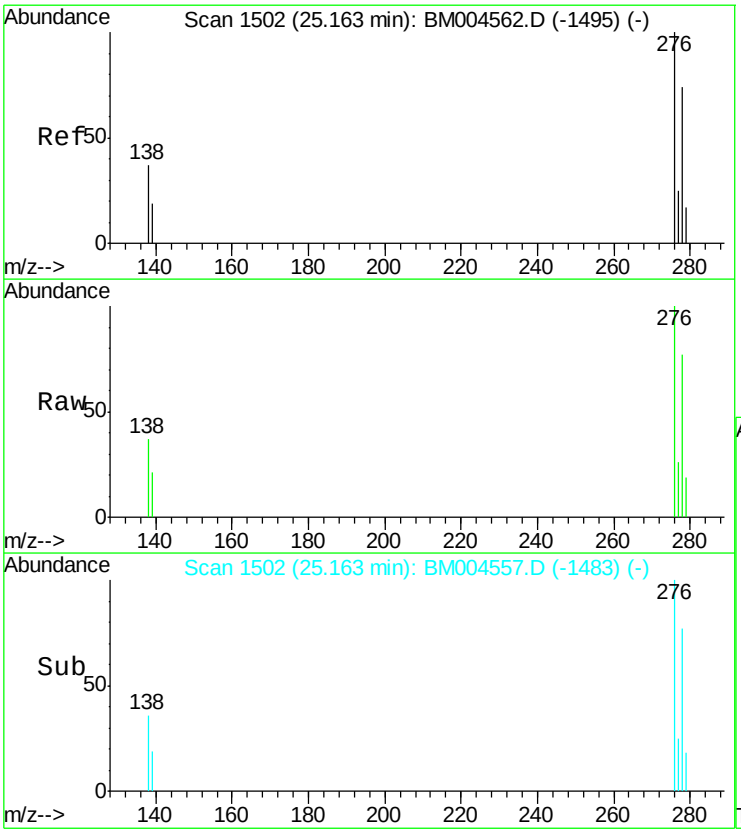
#35
Benzo(a)pyrene
Concen: 0.99 ng
RT: 22.99 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 35117

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	17.7	14.4	21.6

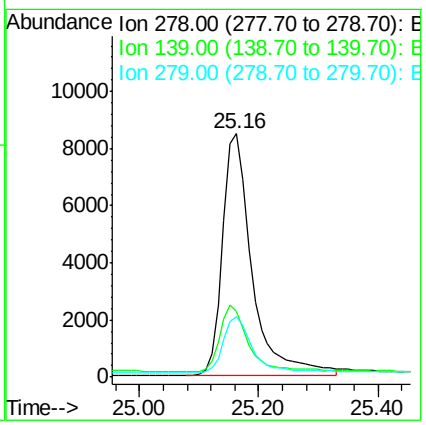


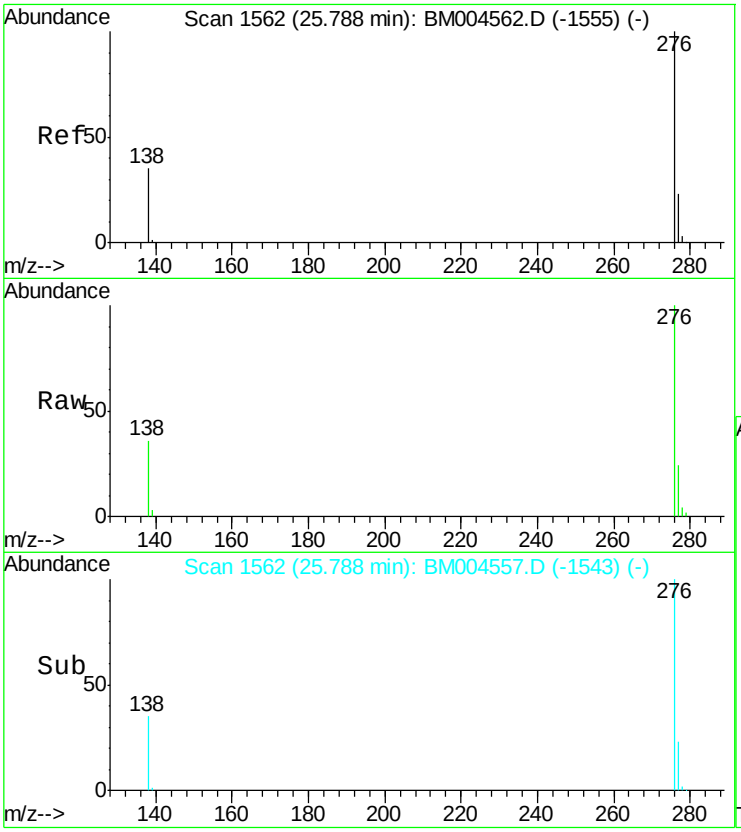


#36
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 25.16 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Tgt Ion:278 Resp: 28996

Ion	Ratio	Lower	Upper
278	100		
139	27.0	21.7	32.5
279	25.0	20.2	30.4





#37
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 25.79 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM004557.D
Acq: 05 Mar 2016 15:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 31602

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	36.0	29.3	43.9