Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004563.D
Acq On : 05 Mar 2016 19:20
Operator : SJ/UM
Sample : SSTDICC002
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Mar 07 07:23:59 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 07:21:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	26382	5.00	ng		0.00
7) Naphthalene-d8	10.06	136	100757	5.00	ng		0.00
13) Acenaphthene-d10	13.97	164	54086	5.00	ng		0.00
19) Phenanthrene-d10	16.73	188	138738	5.00	ng		0.00
25) Chrysene-d12	20.98	240	111399	5.00	ng		0.00
34) Perylene-d12	23.08	264	105637	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.01	112	11955	2.13	ng		0.00
5) Phenol-d6	6.61	99	14813	2.29	ng		-0.02
8) Nitrobenzene-d5	8.46	82	10759	2.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.50	330	3922	2.34	ng		0.00
15) 2-Fluorobiphenyl	12.58	172	34770	2.05	ng		0.00
28) Terphenyl-d14	19.41	244	32500	1.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	5176	1.79	ng	#	100
3) n-Nitrosodimethylamine	3.18	42	3985	2.15	ng	#	100
6) bis(2-Chloroethyl)ether	6.75	93	12361	2.04	ng	#	20
9) Nitrobenzene	8.50	77	11937	2.35	ng	#	100
10) Naphthalene	10.10	128	43656	1.82	ng		99
11) Hexachlorobutadiene	10.39	225	8435	2.05	ng	#	100
12) 2-Methylnaphthalene	11.75	142	31513	2.16	ng		93
16) Acenaphthylene	13.68	152	52553	2.07	ng	#	42
17) Acenaphthene	14.02	154	31129	1.93	ng	#	57
18) Fluorene	15.04	166	43047	2.20	ng	#	76
20) Hexachlorobenzene	16.07	284	10841	1.77	ng	#	100
21) Pentachlorophenol	16.45	266	1234	1.43	ng		92
22) Phenanthrene	16.78	178	56658	1.69	ng	#	100
23) Anthracene	16.86	178	60181	1.96	ng	#	100
24) Fluoranthene	18.83	202	74130	1.68	ng		96
26) Benzidine	19.40	184	879	0.10	ng		96
27) Pyrene	19.19	202	78716	1.82	ng	#	84
29) Benzo(a)anthracene	20.96	228	136104	3.63	ng		98
30) 3,3'-Dichlorobenzidine	20.92	252	23262	2.17	ng	#	94
31) Chrysene	20.96	228	137721	3.03	ng		98
32) Bis(2-ethylhexyl)phthalate	20.90	149	48347	2.06	ng	#	44
33) Indeno(1,2,3-cd)pyrene	25.15	276	66190	2.04	ng	#	81
35) Benzo(a)pyrene	22.98	252	62767	1.99	ng		96
36) Dibenzo(a,h)anthracene	25.15	278	51681	1.98	ng		98
37) Benzo(g,h,i)perylene	25.78	276	56701	1.93	ng		99

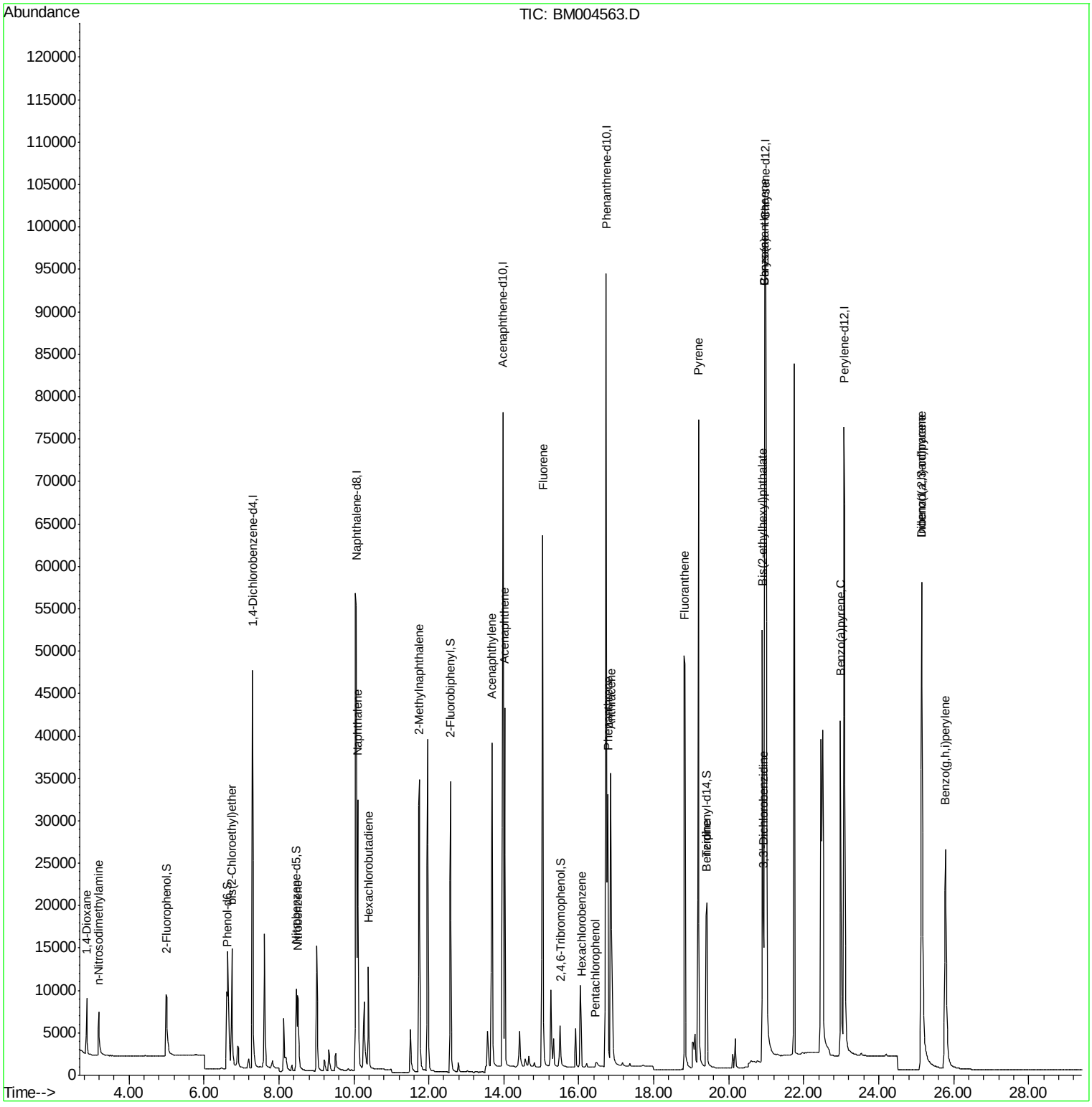
(#) = qualifier out of range (m) = manual integration (+) = signals summed

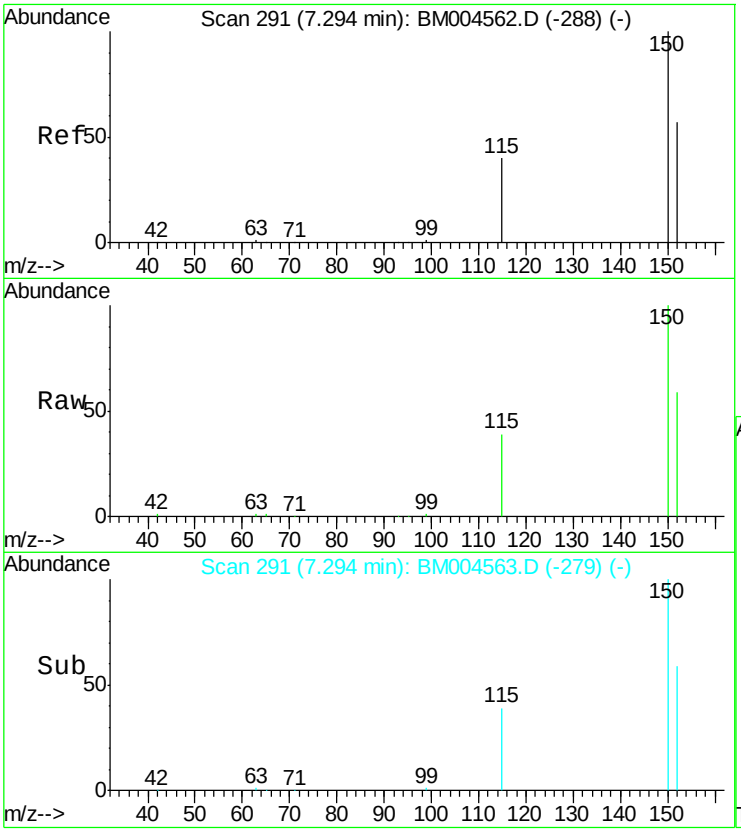
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004563.D
Acq On : 05 Mar 2016 19:20
Operator : SJ/UM
Sample : SSTDICC002
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: Mar 07 07:23:59 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 07:21:48 2016
Response via : Initial Calibration



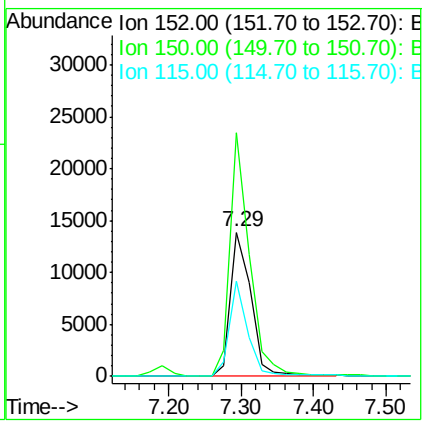


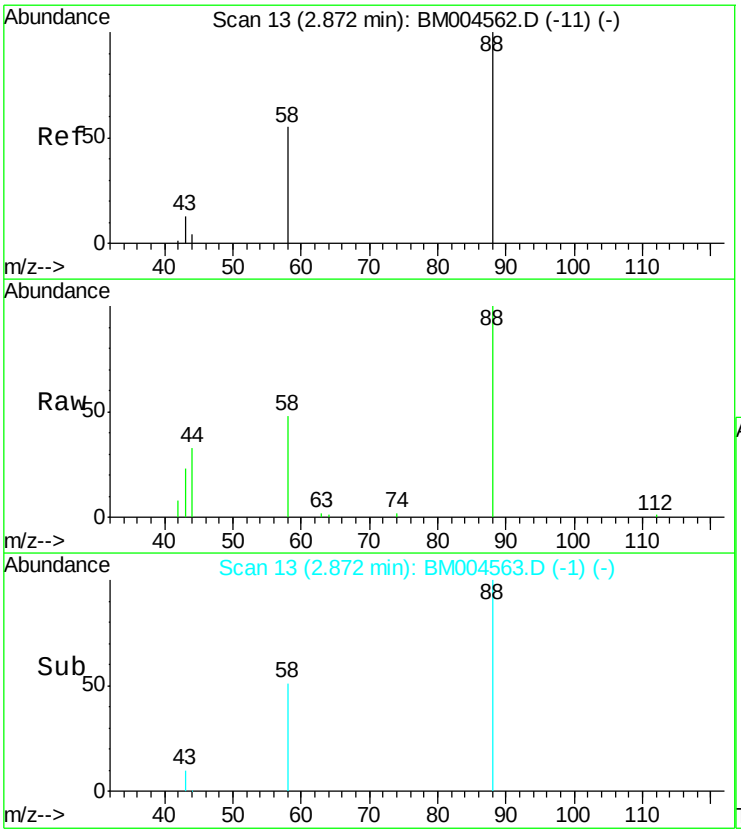
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 26382

Ion	Ratio	Lower	Upper
152	100		
150	169.3	140.1	210.1
115	66.6	56.1	84.1

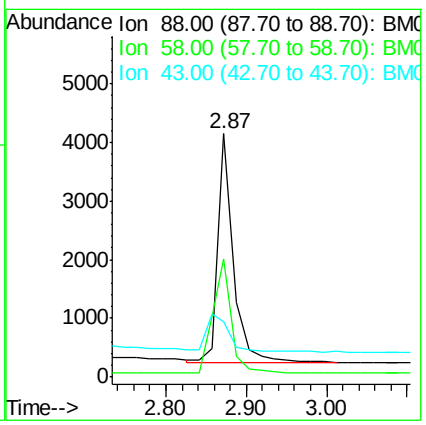


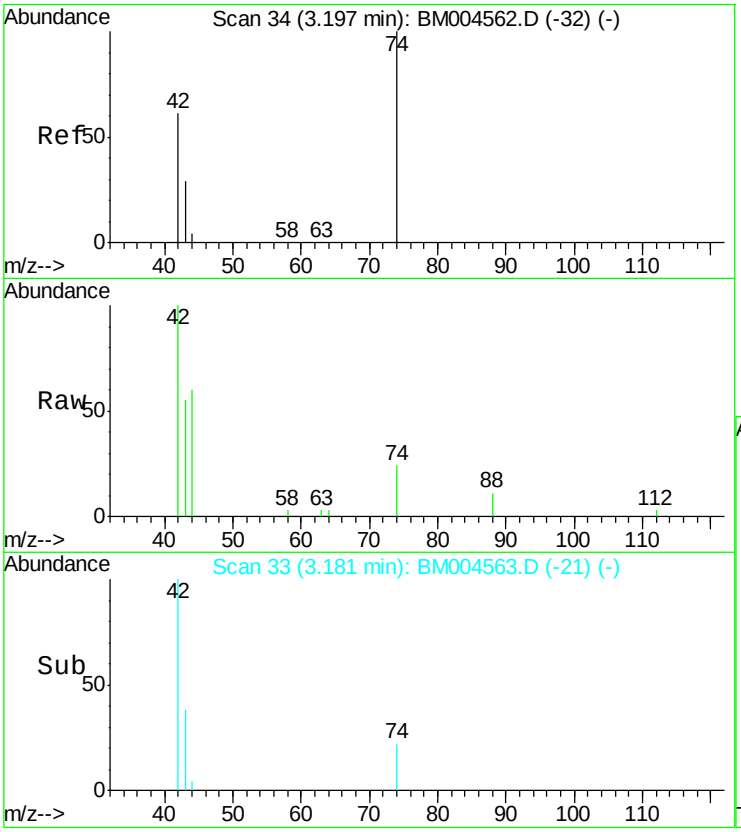


#2
1,4-Dioxane
Concen: 1.79 ng
RT: 2.87 min Scan# 13
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion: 88 Resp: 5176

Ion	Ratio	Lower	Upper
88	100		
58	59.6	0.0	0.0#
43	24.1	0.0	0.0#



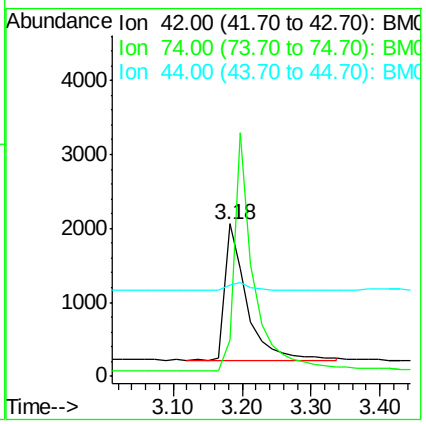


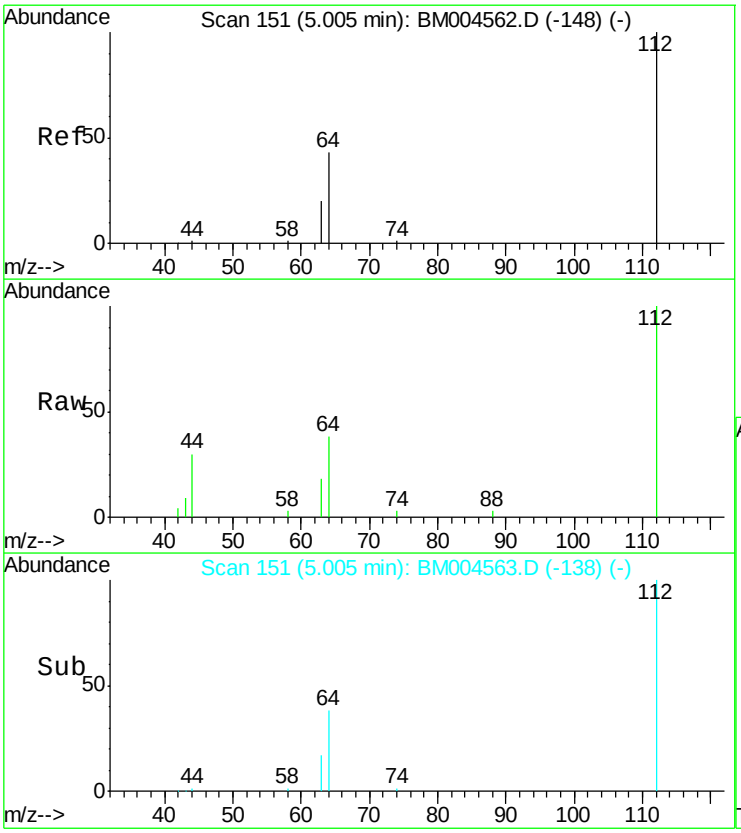
#3
n-Nitrosodimethylamine
Concen: 2.15 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.02 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 3985

Ion	Ratio	Lower	Upper
42	100		
74	156.6	0.0	0.0#
44	7.2	0.0	0.0#

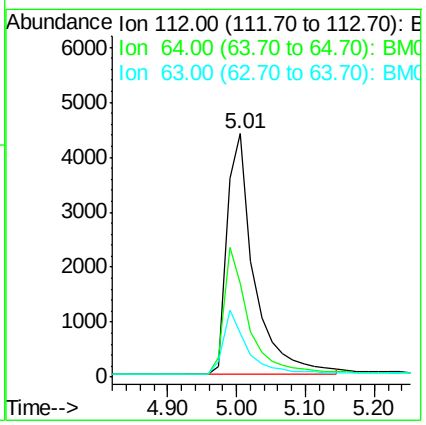


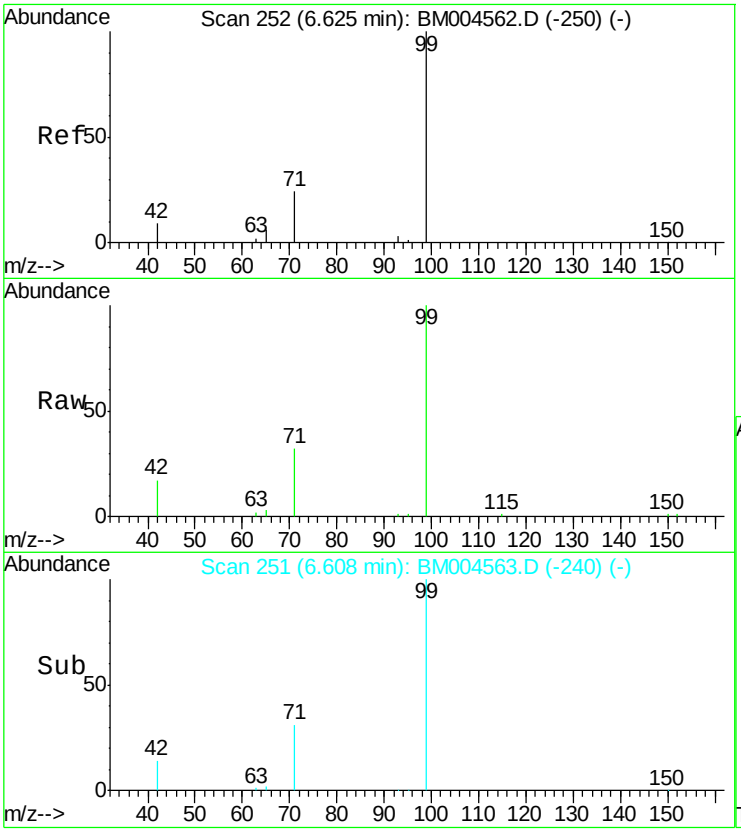


#4
2-Fluorophenol
Concen: 2.13 ng
RT: 5.01 min Scan# 151
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:112 Resp: 11955

Ion	Ratio	Lower	Upper
112	100		
64	47.7	0.0	0.0#
63	23.1	0.0	0.0#



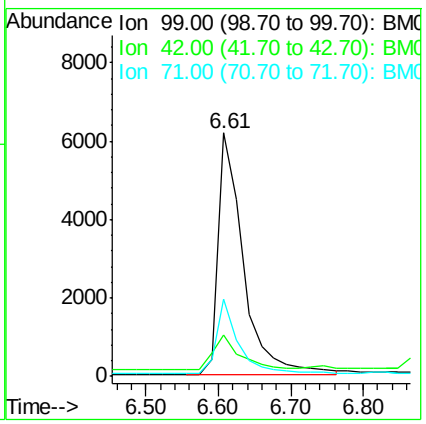


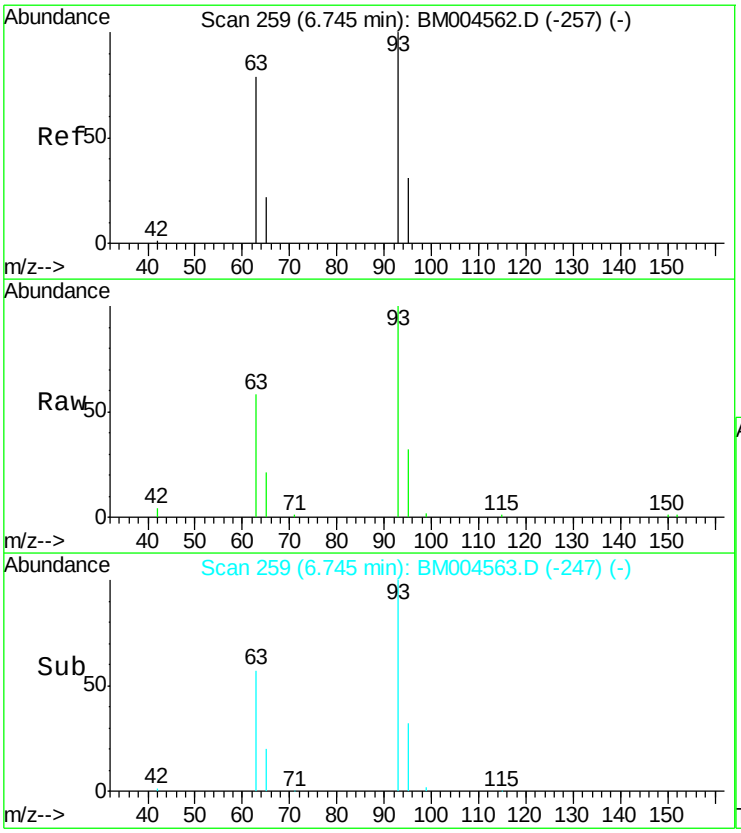
#5
Phenol-d6
Concen: 2.29 ng
RT: 6.61 min Scan# 251
Delta R.T. -0.02 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 14813

Ion	Ratio	Lower	Upper
99	100		
42	15.1	0.0	0.0#
71	27.0	0.2	0.2#

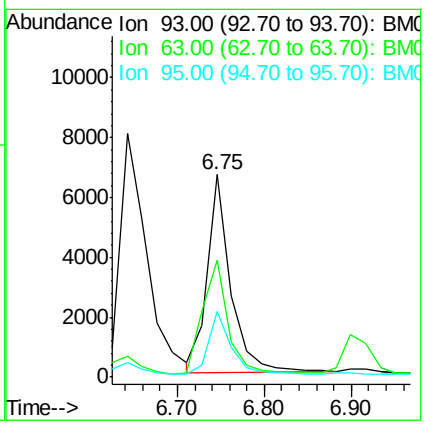


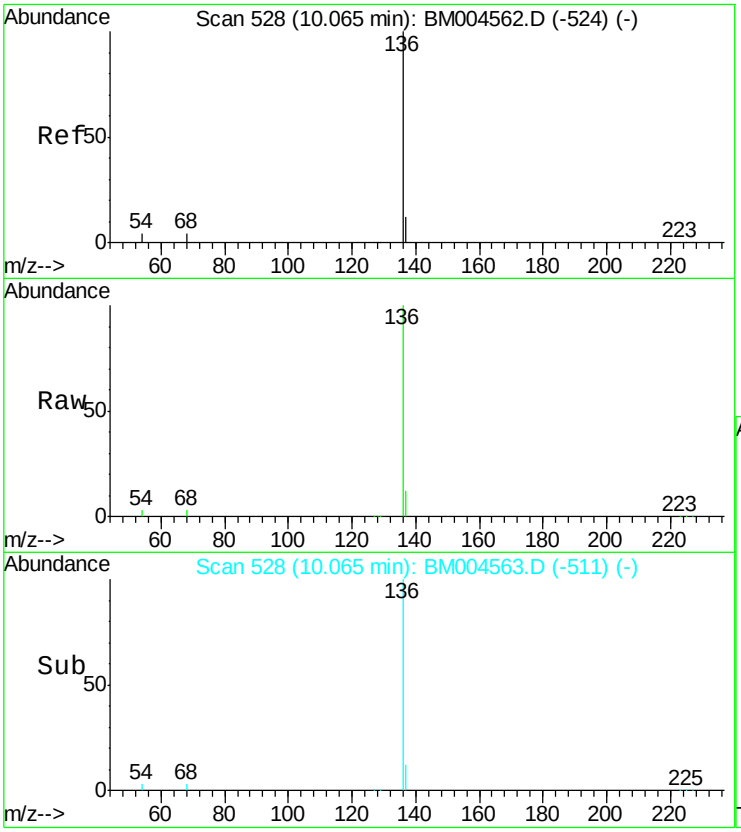


#6
bis(2-Chloroethyl)ether
Concen: 2.04 ng
RT: 6.75 min Scan# 259
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion: 93 Resp: 12361

Ion	Ratio	Lower	Upper
93	100		
63	62.3	18.7	28.1#
95	30.8	0.0	0.0#



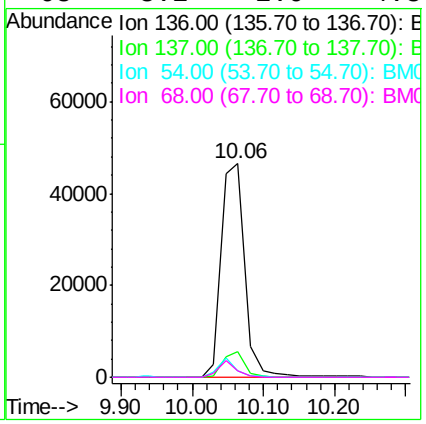


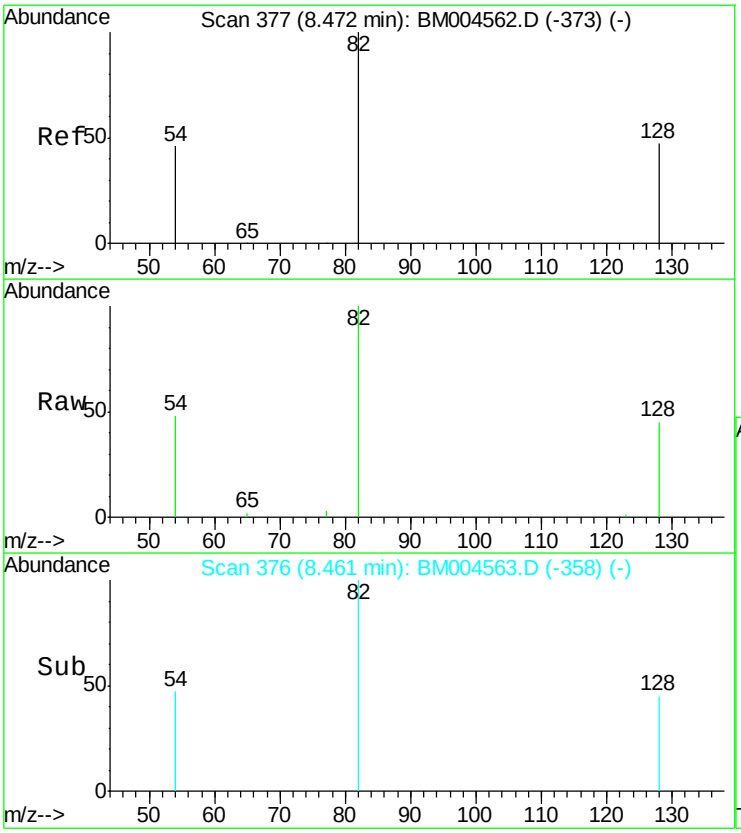
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.06 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 100757

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	3.2	3.0	4.4
68	3.2	2.9	4.3

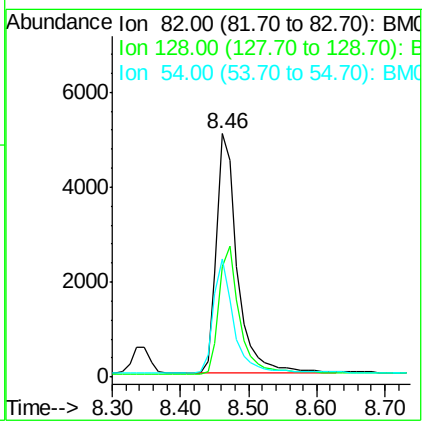


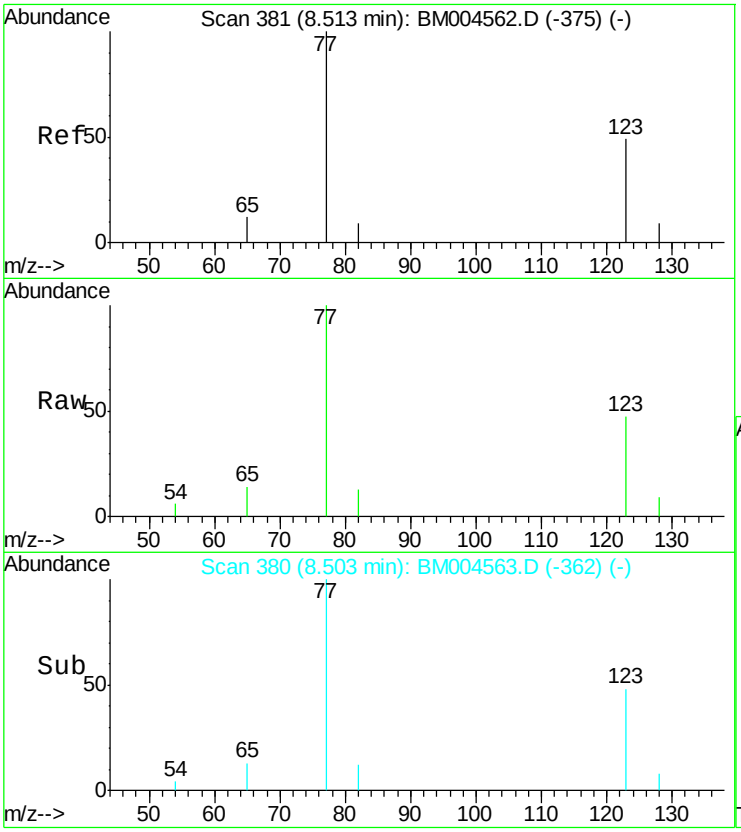


#8
Nitrobenzene-d5
Concen: 2.33 ng
RT: 8.46 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion: 82 Resp: 10759

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.6	58.0
54	48.4	38.5	57.7



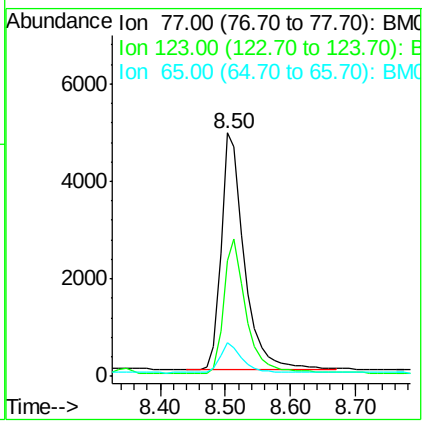


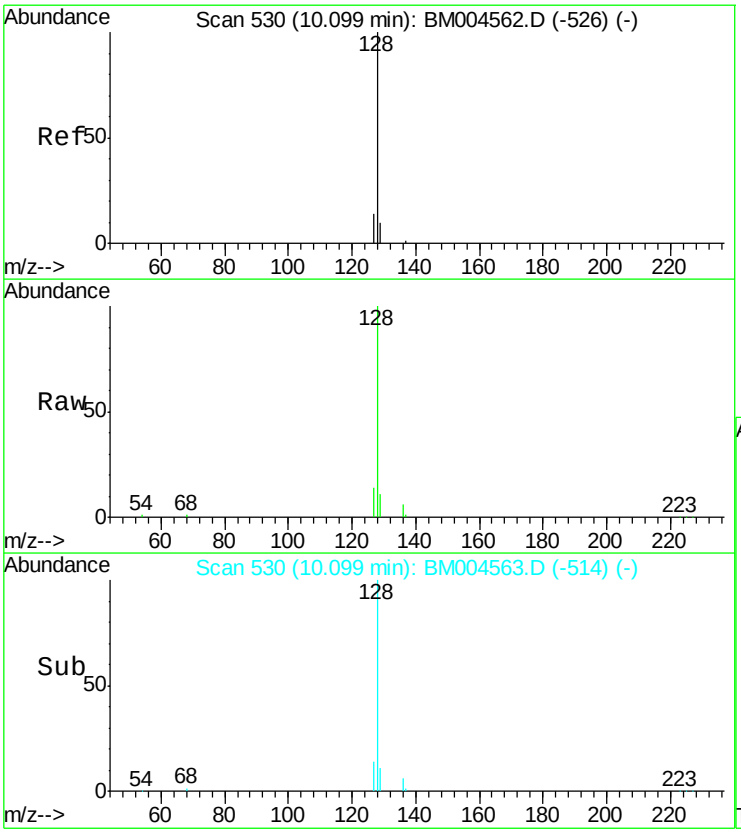
#9
Nitrobenzene
Concen: 2.35 ng
RT: 8.50 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 11937

Ion	Ratio	Lower	Upper
77	100		
123	55.5	0.0	0.0#
65	12.2	0.0	0.0#

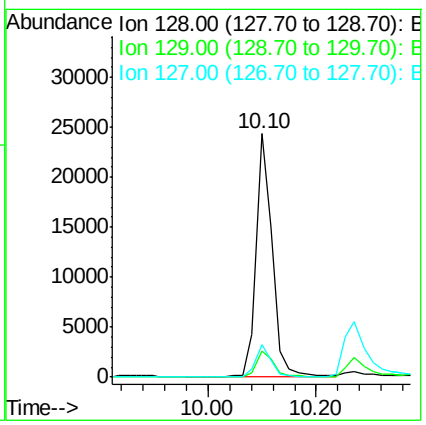


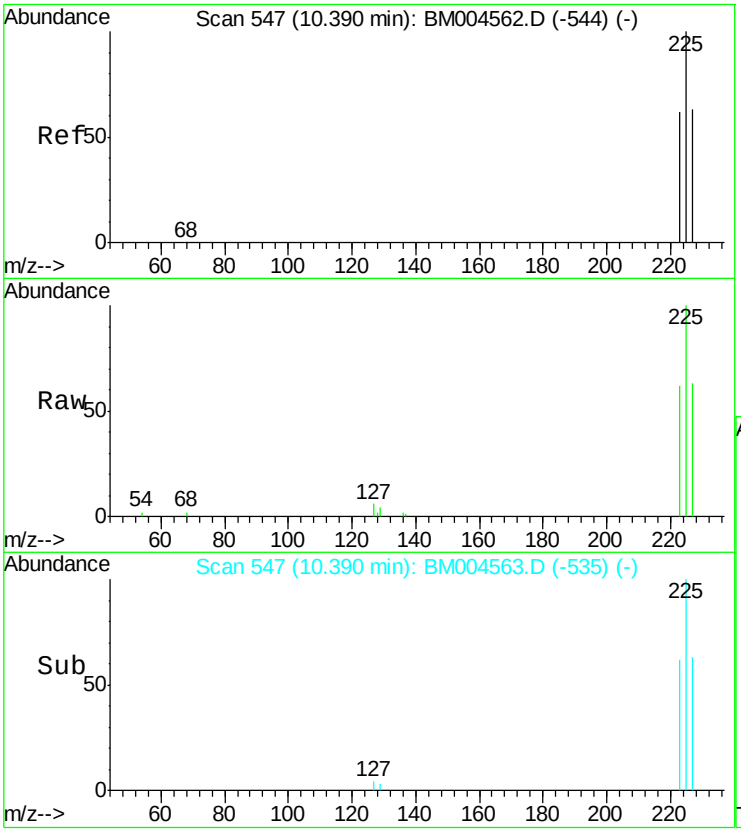


#10
Naphthalene
Concen: 1.82 ng
RT: 10.10 min Scan# 530
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:128 Resp: 43656

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.5	11.3	16.9



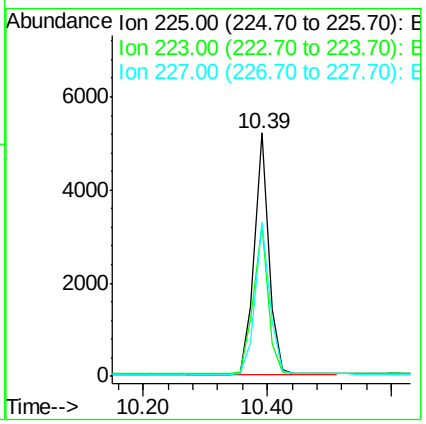


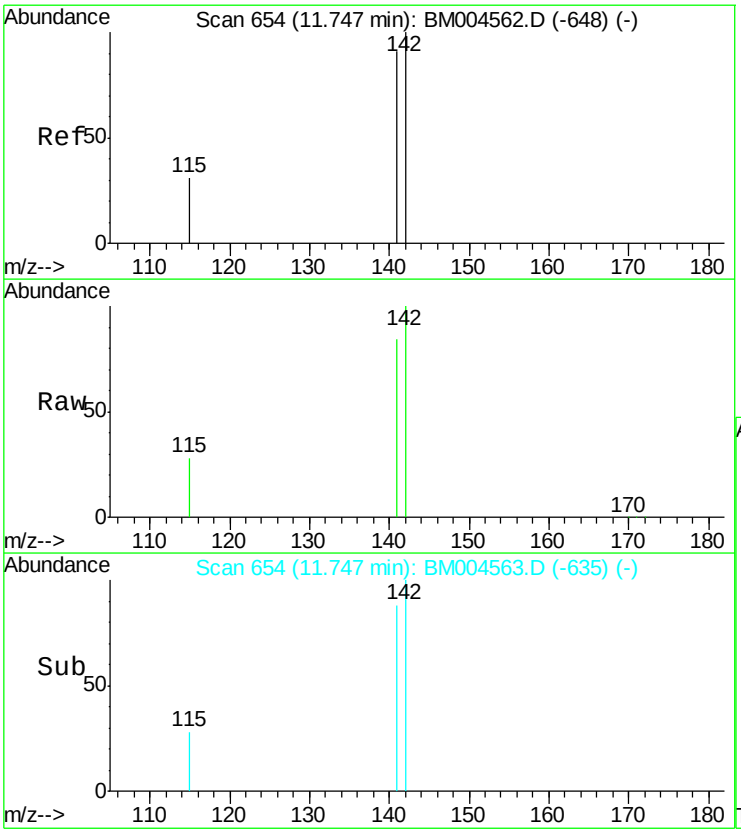
#11
Hexachlorobutadiene
Concen: 2.05 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 8435

Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	0.0#
227	63.3	0.0	0.0#

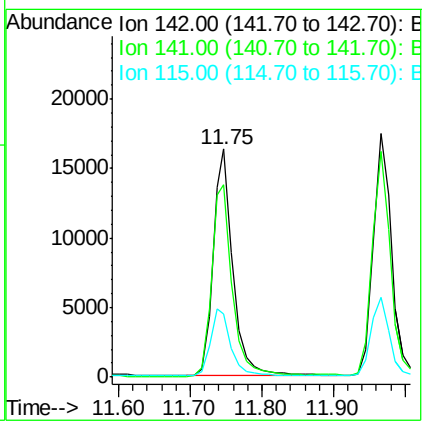


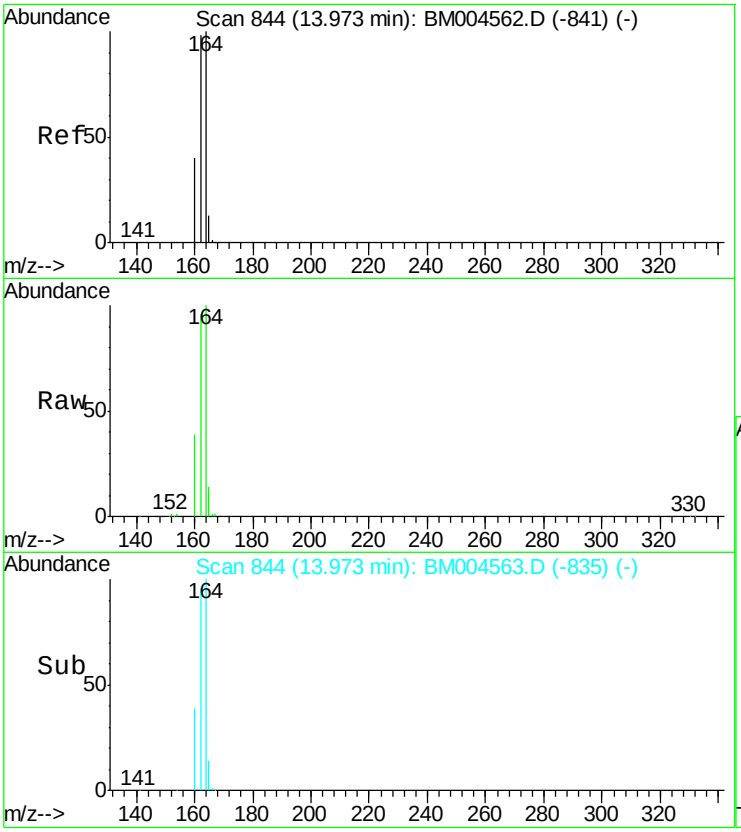


#12
2-Methylnaphthalene
Concen: 2.16 ng
RT: 11.75 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:142 Resp: 31513

Ion	Ratio	Lower	Upper
142	100		
141	84.4	72.3	108.5
115	27.7	25.4	38.2



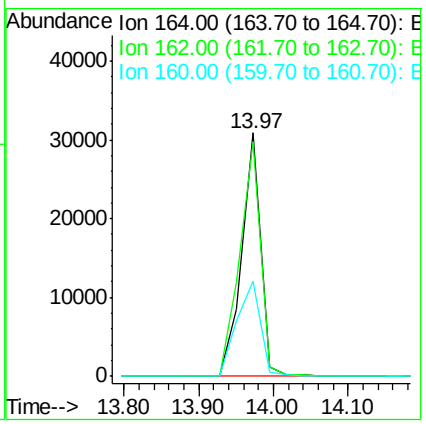


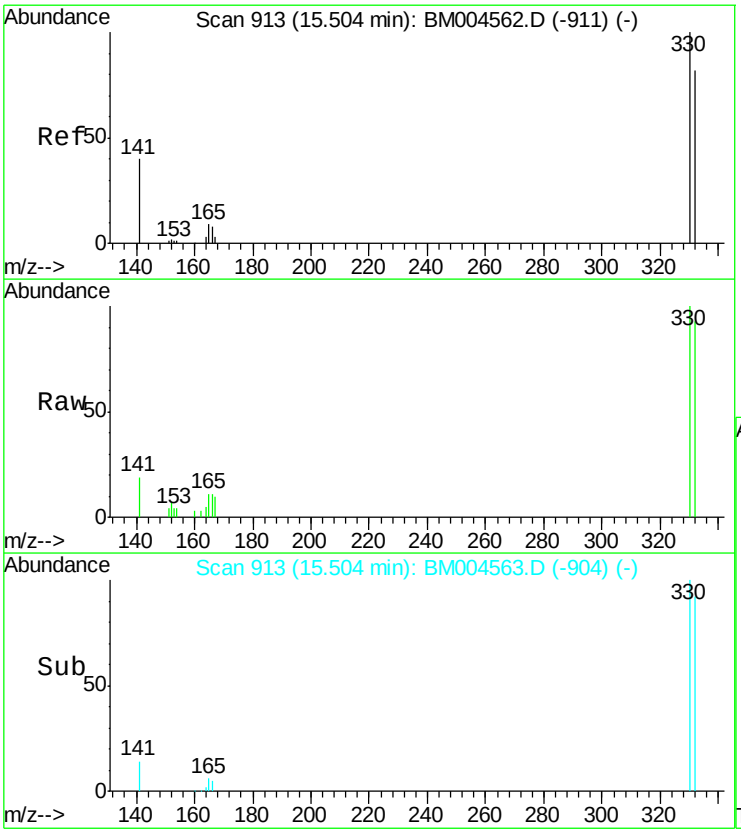
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 54086

Ion	Ratio	Lower	Upper
164	100		
162	96.3	78.2	117.2
160	39.2	31.9	47.9

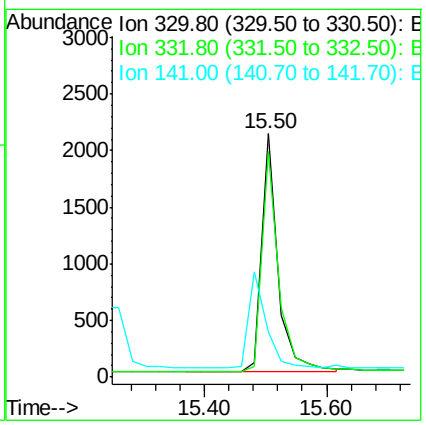


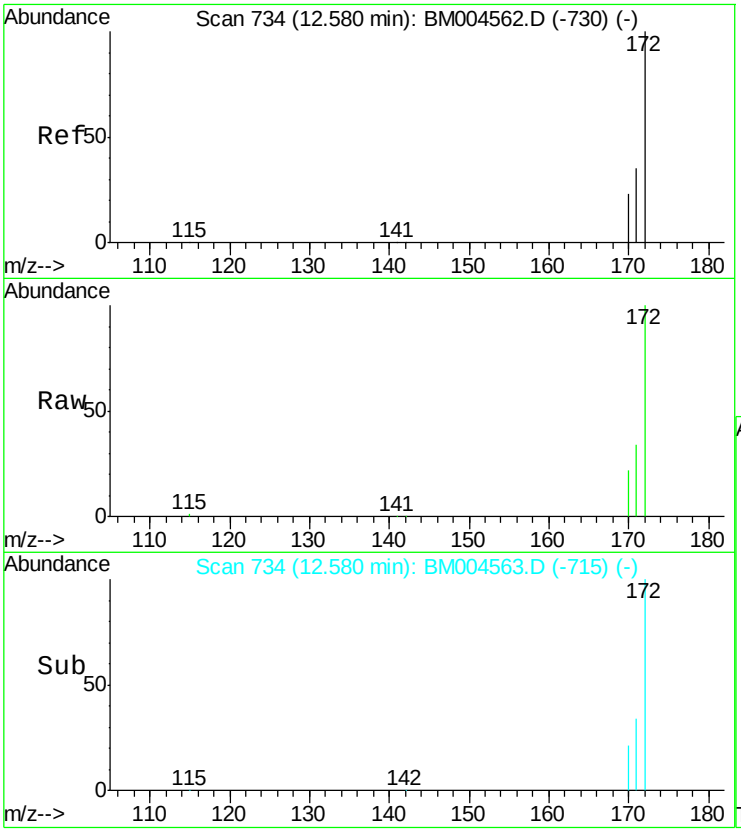


#14
2,4,6-Tribromophenol
Concen: 2.34 ng
RT: 15.50 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:330 Resp: 3922

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	0.0	0.0	0.0



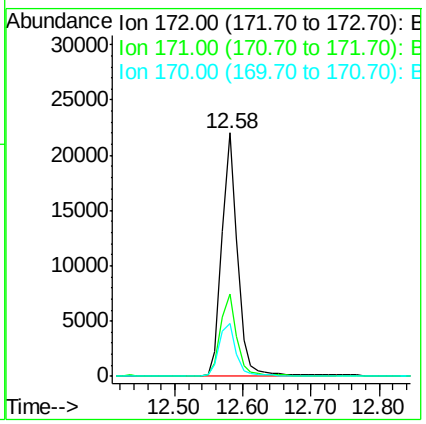


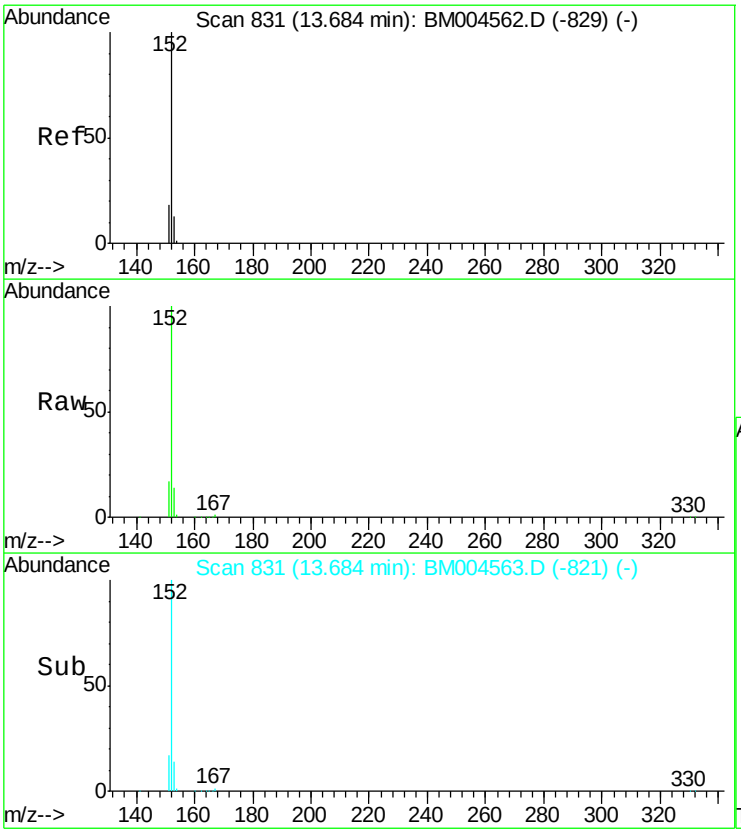
#15
2-Fluorobiphenyl
Concen: 2.05 ng
RT: 12.58 min Scan# 734
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 34770

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	21.6	19.1	28.7

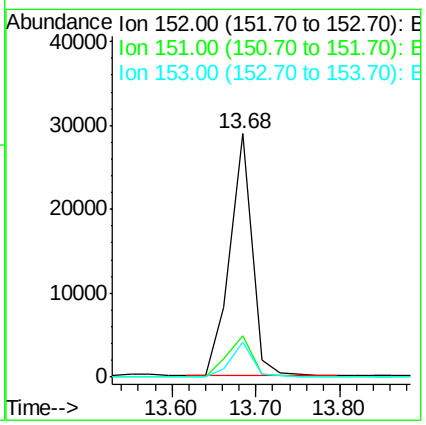


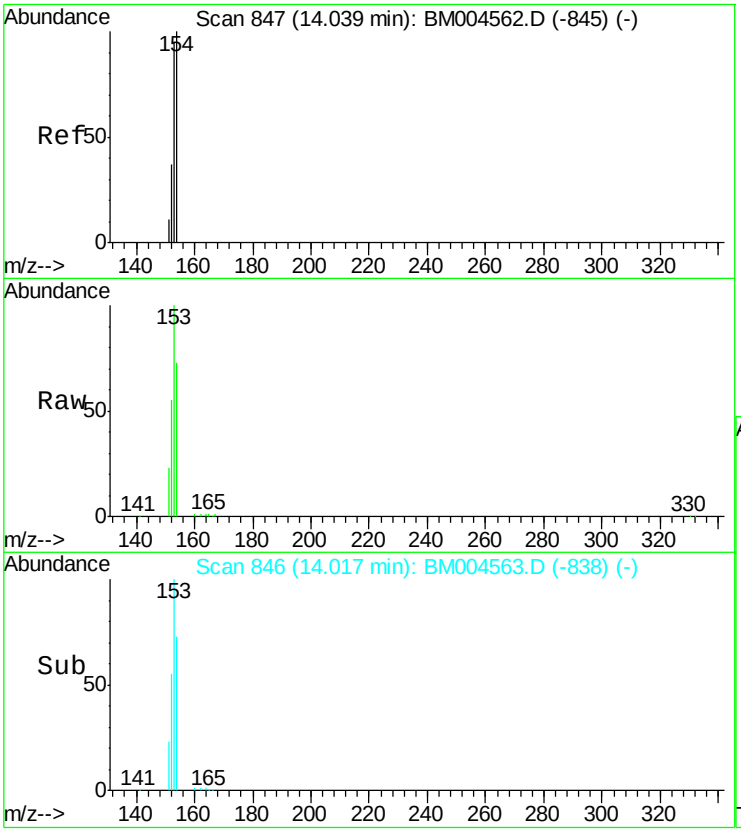


#16
Acenaphthylene
Concen: 2.07 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:152 Resp: 52553

Ion	Ratio	Lower	Upper
152	100		
151	18.9	9.2	13.8#
153	13.2	51.4	77.0#



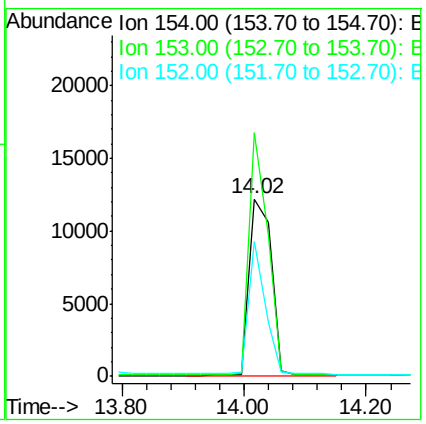


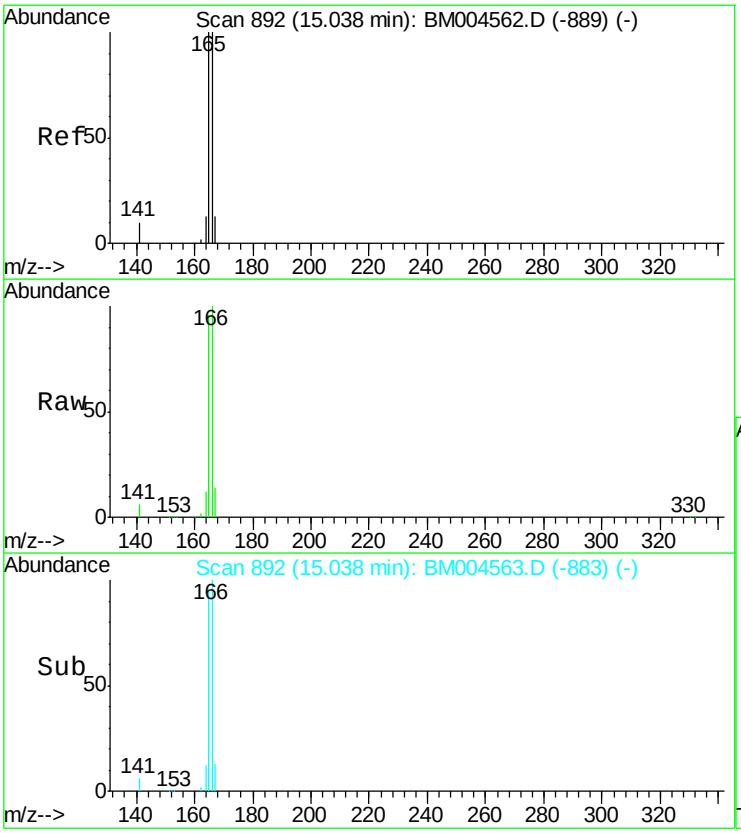
#17
Acenaphthene
Concen: 1.93 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.02 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:154 Resp: 31129

Ion	Ratio	Lower	Upper
154	100		
153	114.8	0.0	0.0#
152	55.8	0.2	0.2#

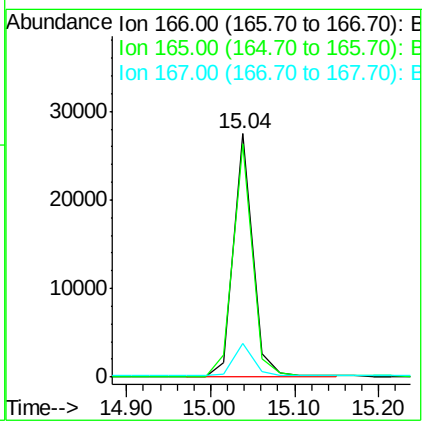


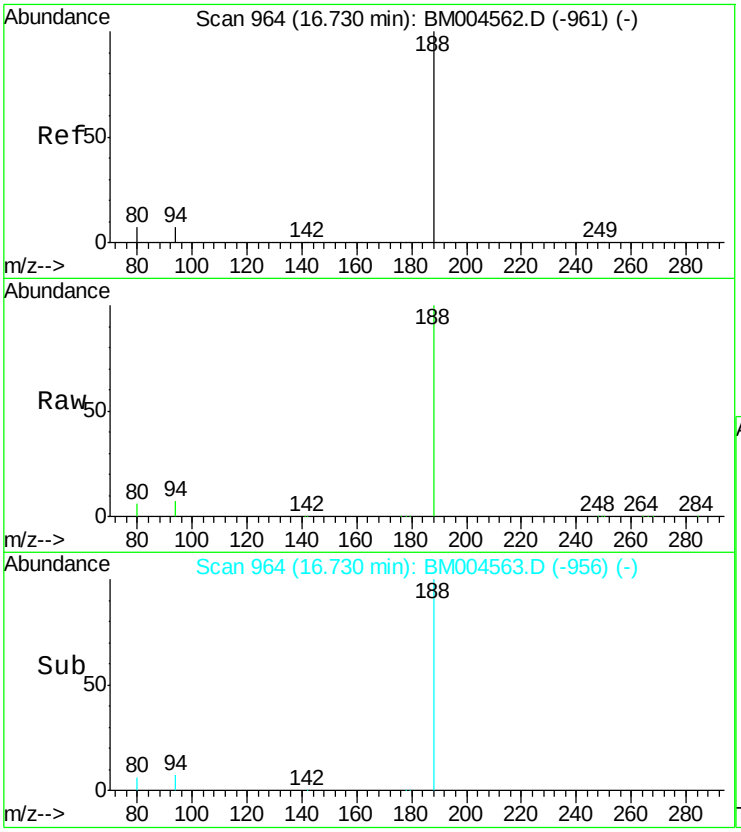


#18
Fluorene
Concen: 2.20 ng
RT: 15.04 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:166 Resp: 43047

Ion	Ratio	Lower	Upper
166	100		
165	96.7	0.0	0.0#
167	13.1	20.0	30.0#



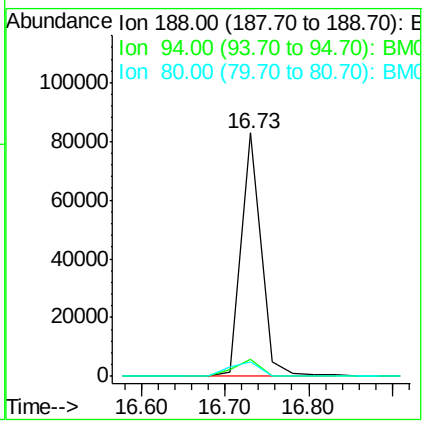


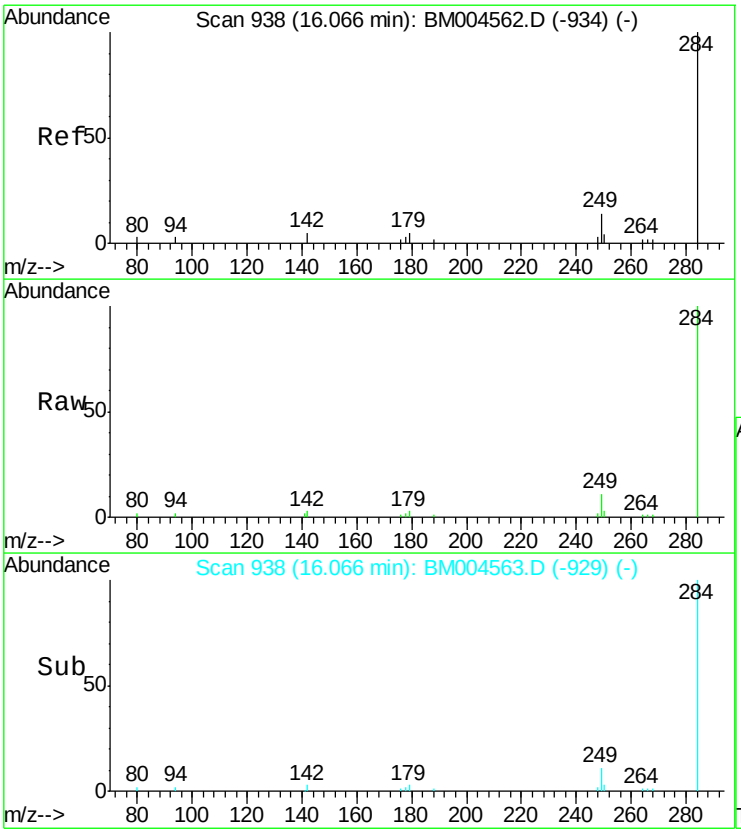
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 138738

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.0	9.0
80	5.9	5.3	7.9

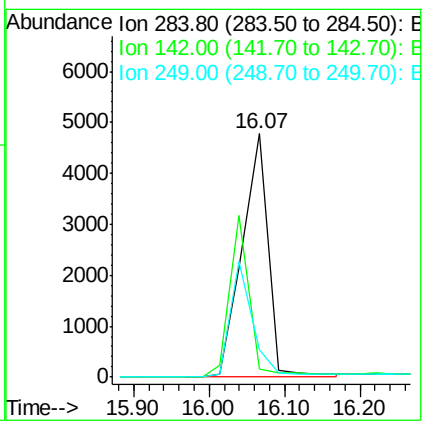


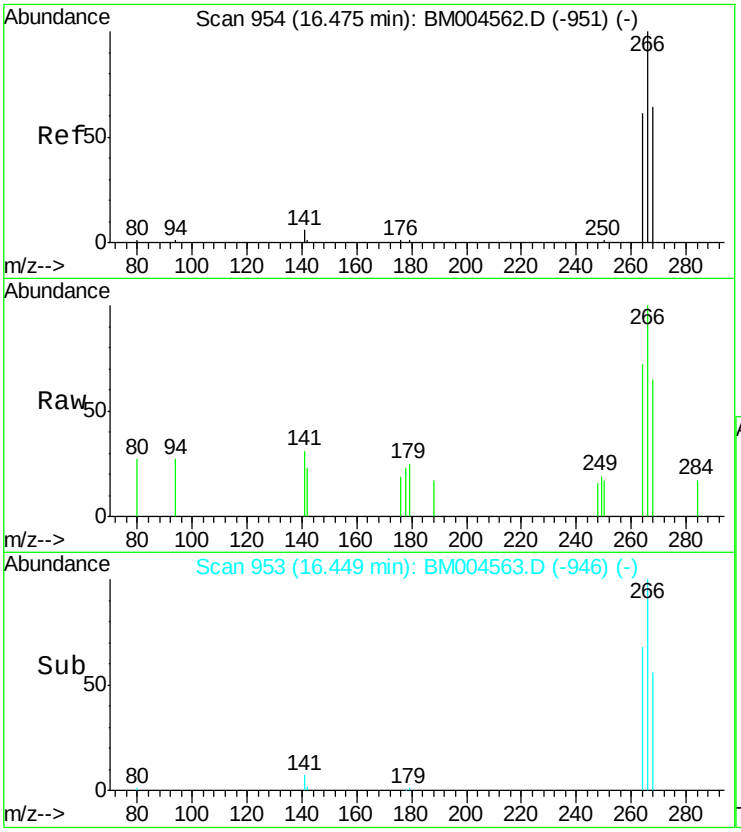


#20
Hexachlorobenzene
Concen: 1.77 ng
RT: 16.07 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:284 Resp: 10841

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



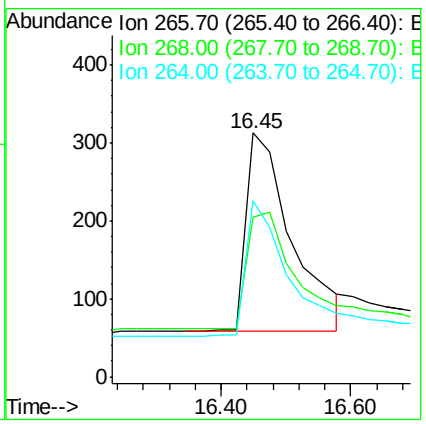


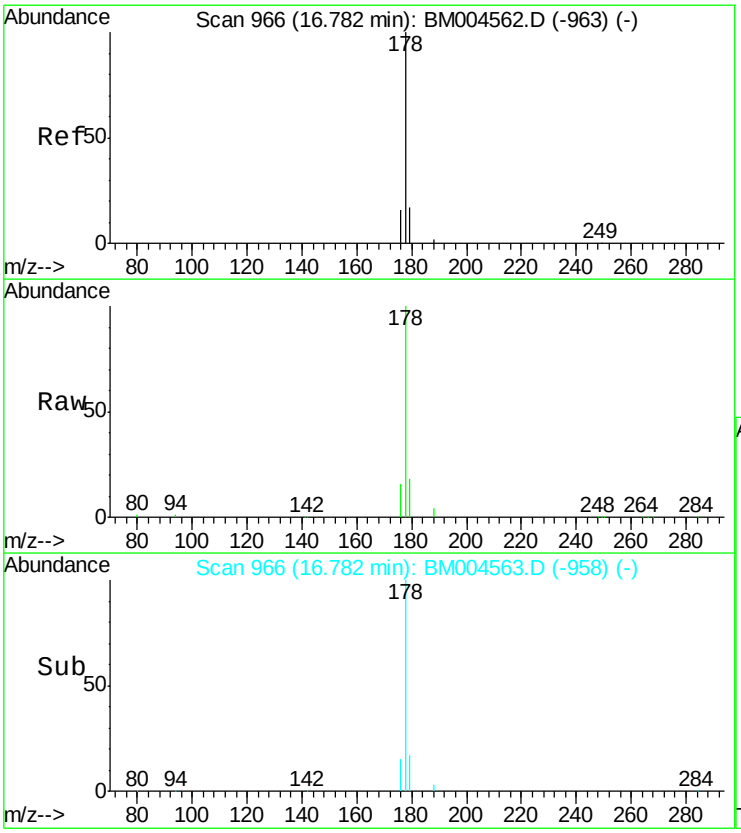
#21
Pentachlorophenol
Concen: 1.43 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.03 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 1234

Ion	Ratio	Lower	Upper
266	100		
268	65.2	62.6	94.0
264	72.2	57.4	86.0

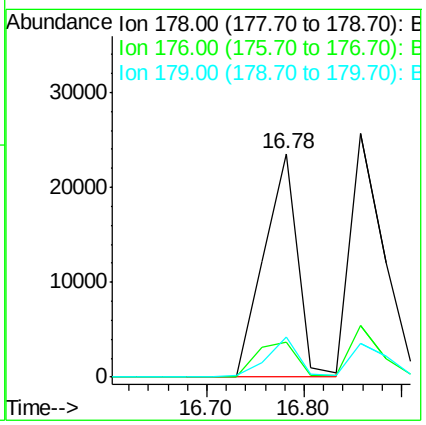


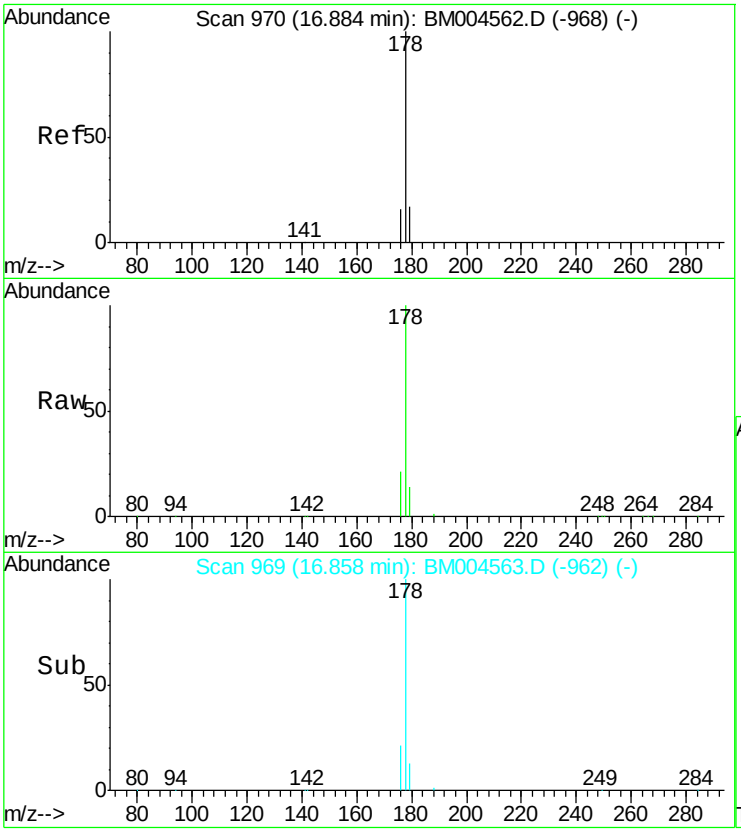


#22
Phenanthrene
Concen: 1.69 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:178 Resp: 56658

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	15.8	0.0	0.0#



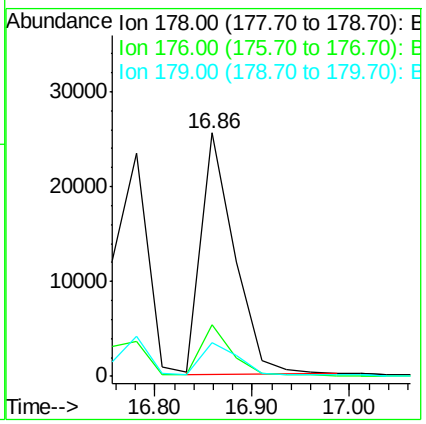


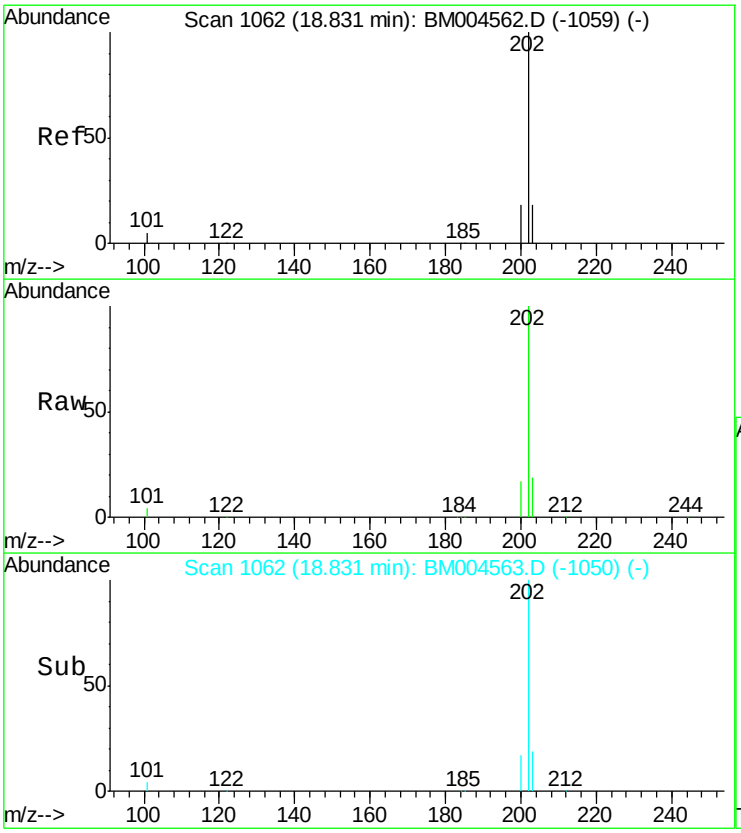
#23
Anthracene
Concen: 1.96 ng
RT: 16.86 min Scan# 969
Delta R.T. -0.03 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 60181

Ion	Ratio	Lower	Upper
178	100		
176	19.1	0.0	0.0#
179	14.5	0.0	0.0#

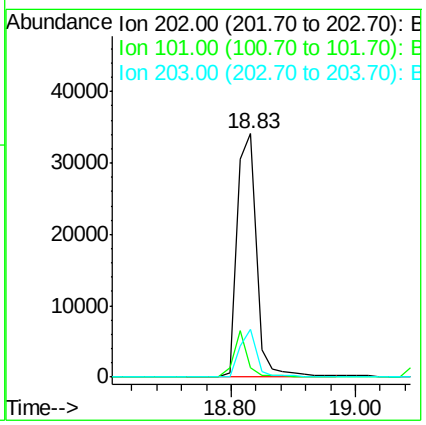


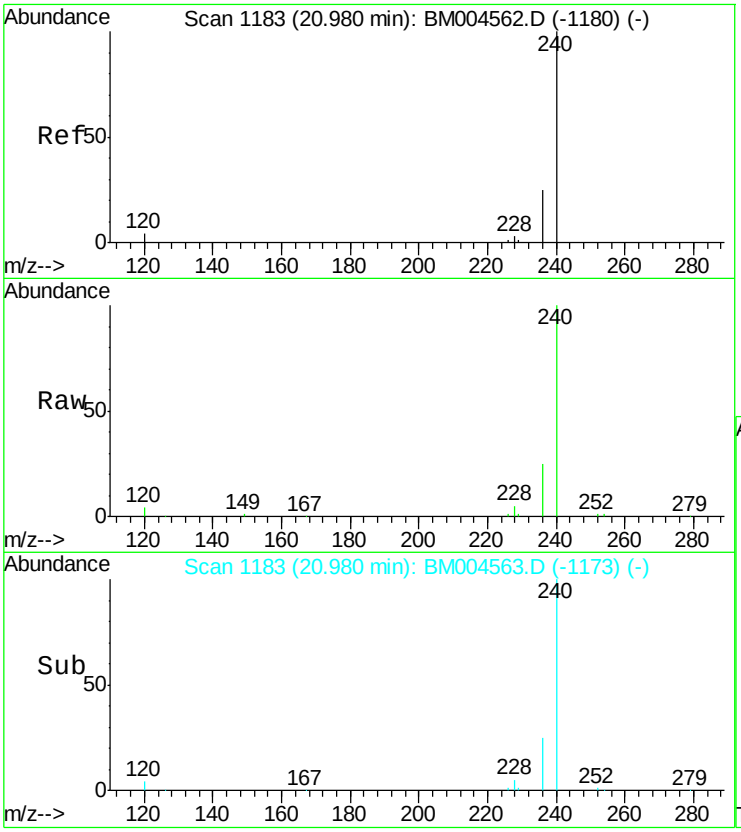


#24
Fluoranthene
Concen: 1.68 ng
RT: 18.83 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:202 Resp: 74130

Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.2	18.4
203	17.1	14.6	21.8



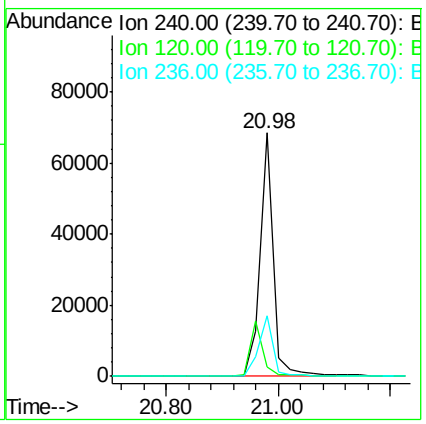


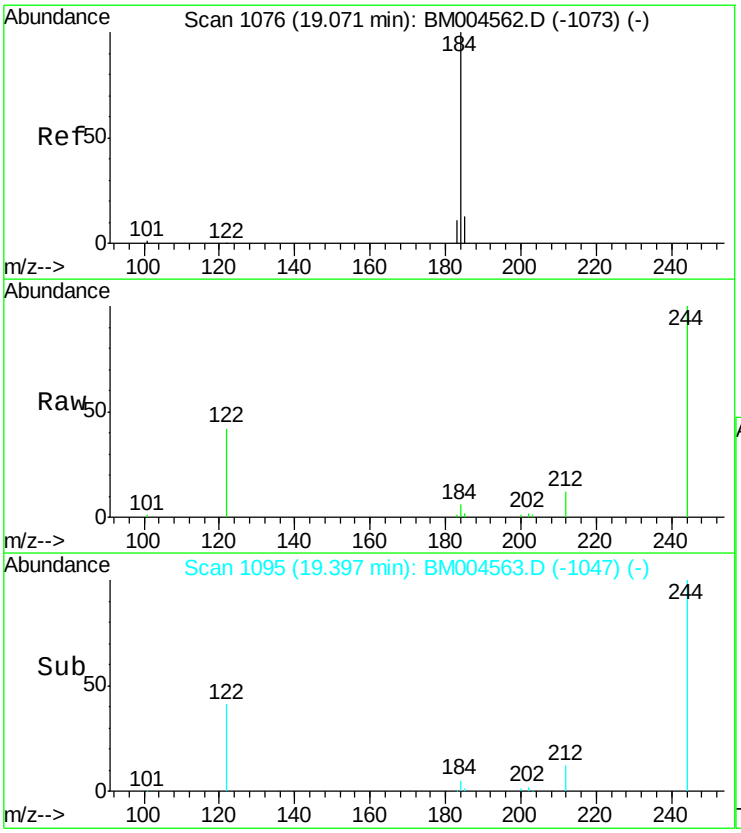
#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 111399

Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.5	5.3
236	24.8	20.3	30.5

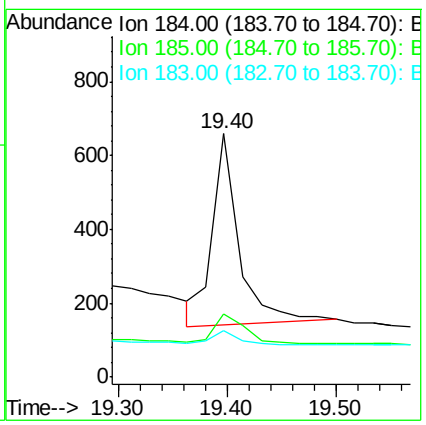


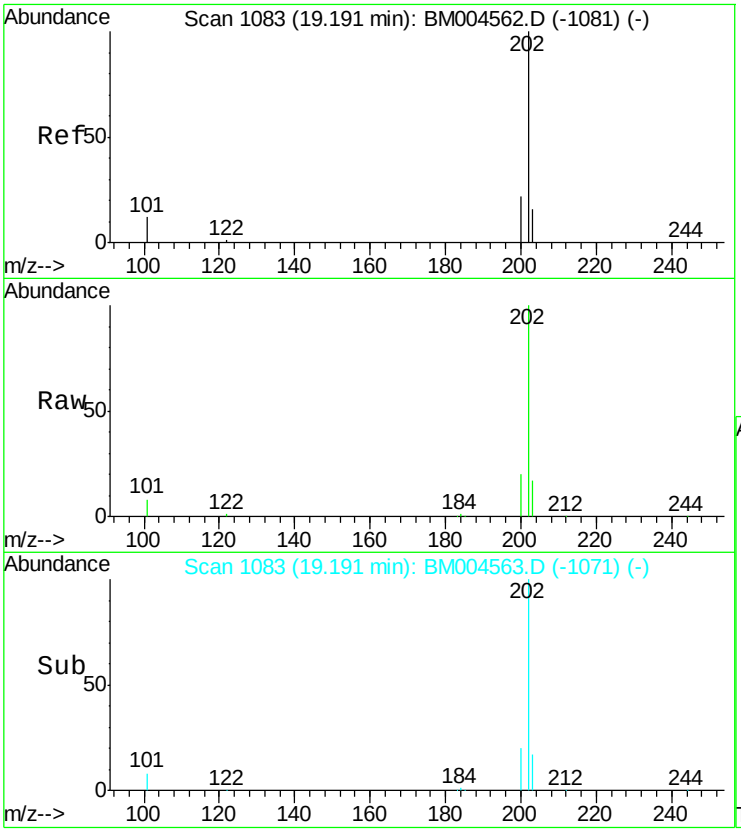


#26
Benzidine
Concen: 0.10 ng
RT: 19.40 min Scan# 1095
Delta R.T. 0.33 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:184 Resp: 879

Ion	Ratio	Lower	Upper
184	100		
185	25.8	19.4	29.0
183	18.8	16.5	24.7



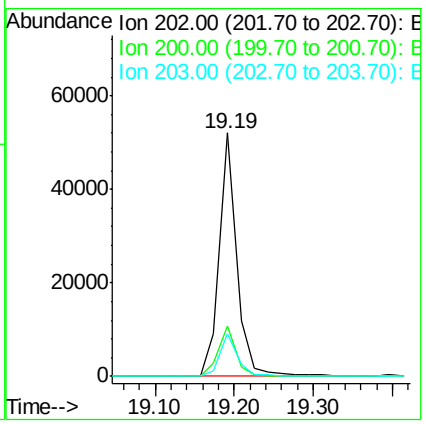


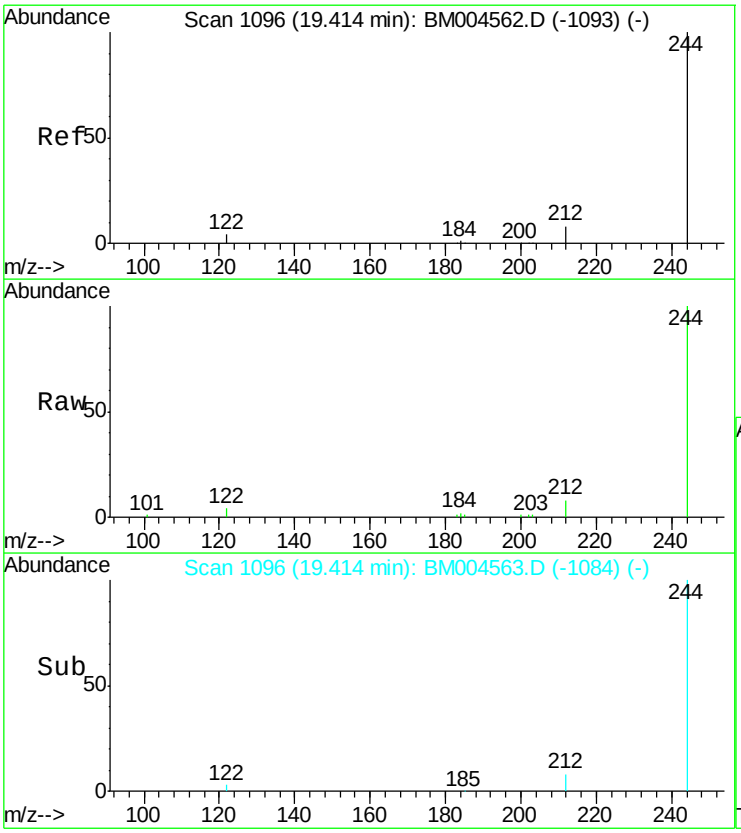
#27
Pyrene
Concen: 1.82 ng
RT: 19.19 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:202 Resp: 78716

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.2	0.2#
203	17.5	0.0	0.0#

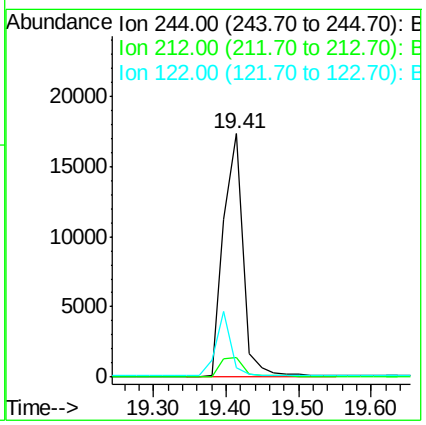


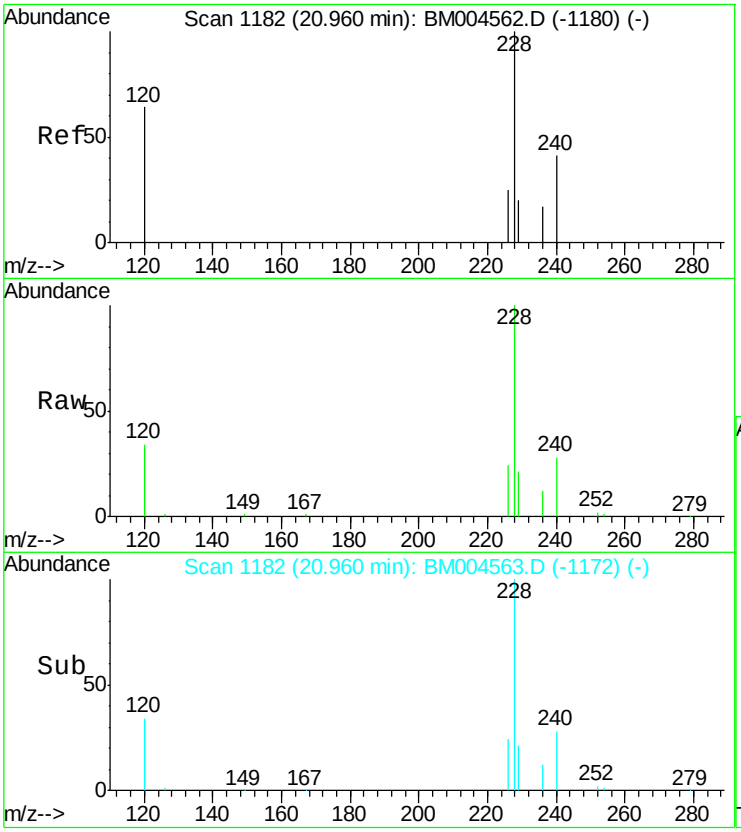


#28
Terphenyl-d14
Concen: 1.53 ng
RT: 19.41 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:244 Resp: 32500

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	3.6	4.2	6.4#



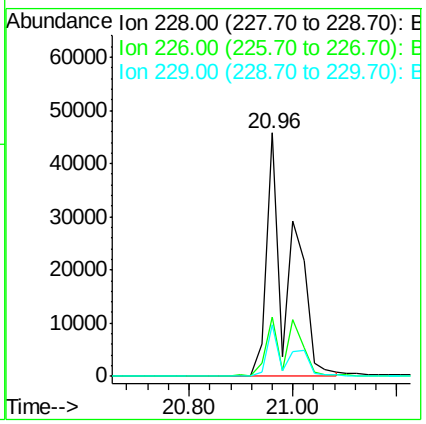


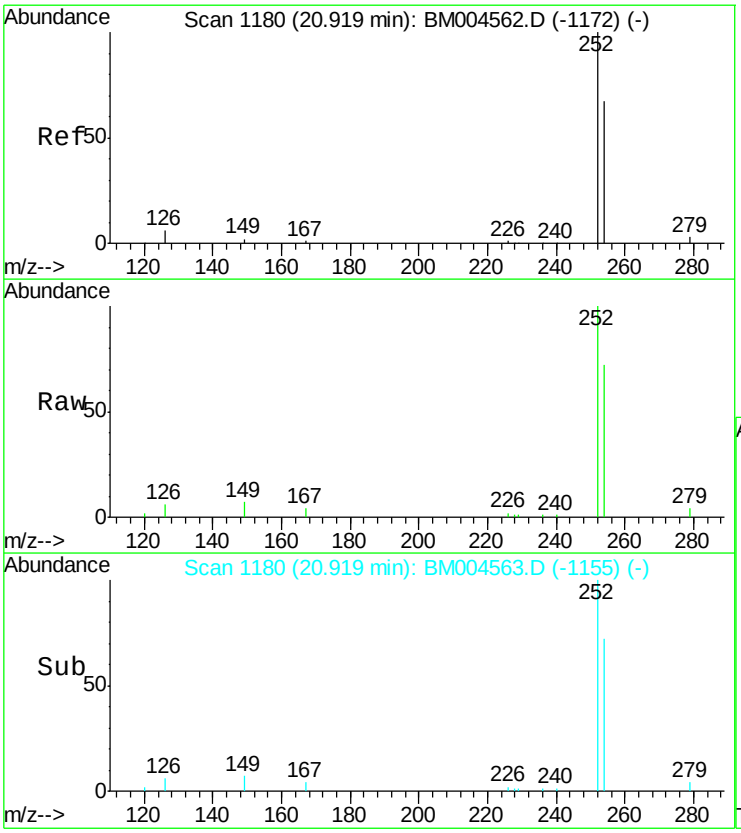
#29
Benzo(a)anthracene
Concen: 3.63 ng
RT: 20.96 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 136104

Ion	Ratio	Lower	Upper
228	100		
226	24.2	20.3	30.5
229	21.1	16.3	24.5

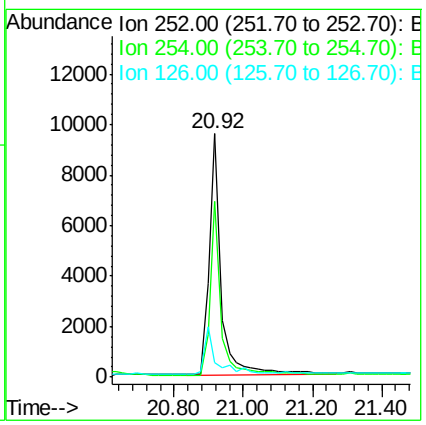


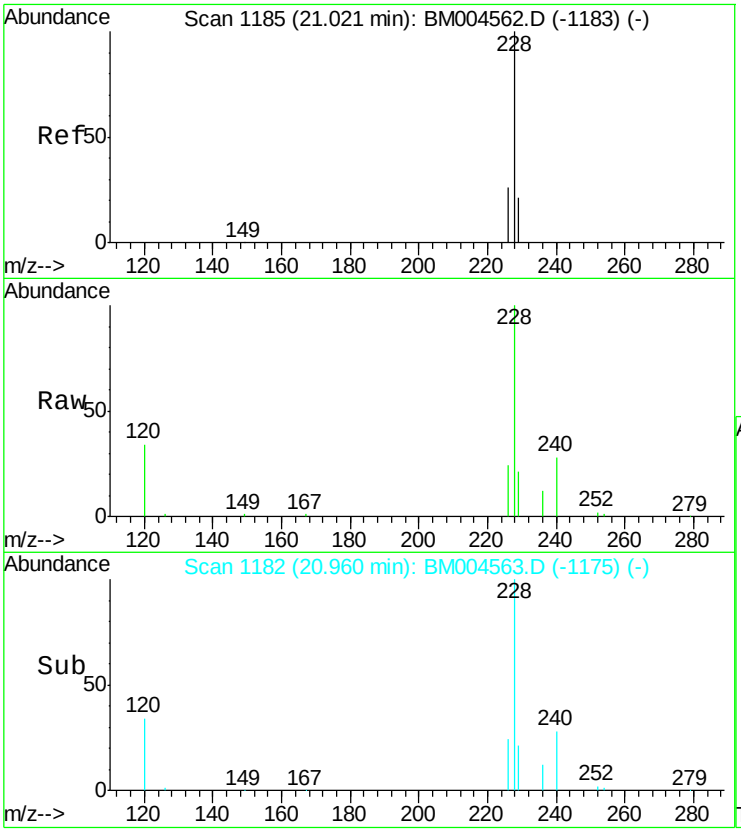


#30
3,3'-Dichlorobenzidine
Concen: 2.17 ng
RT: 20.92 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:252 Resp: 23262

Ion	Ratio	Lower	Upper
252	100		
254	72.2	53.9	80.9
126	6.1	6.9	10.3#



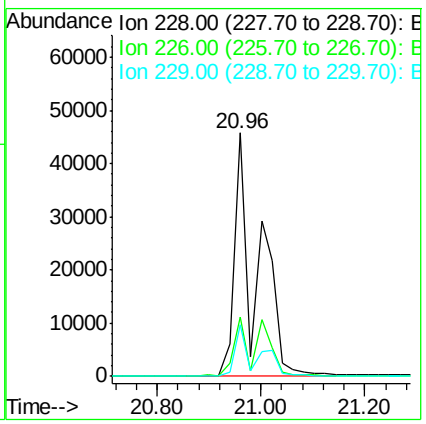


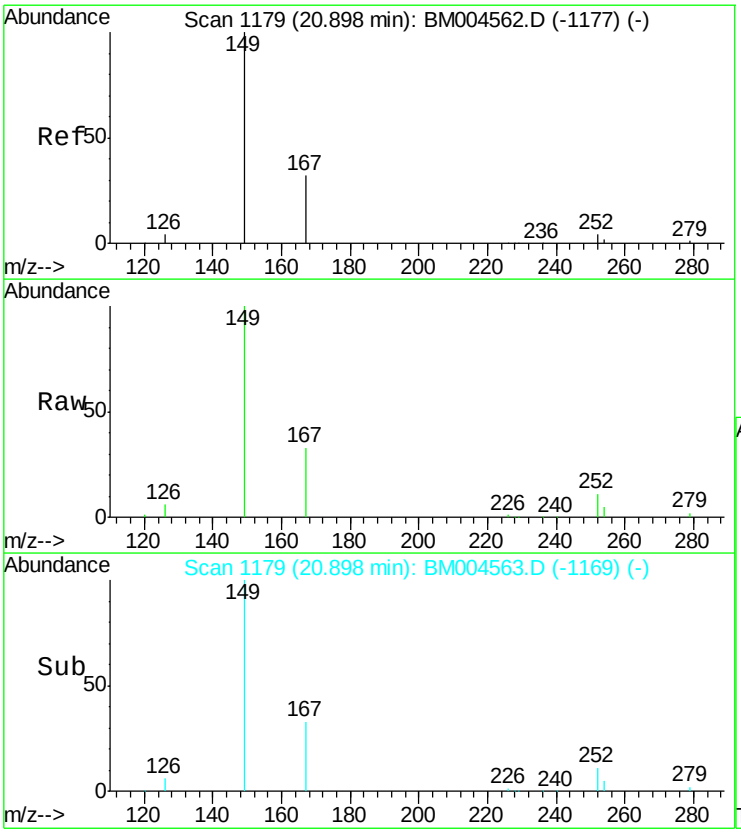
#31
Chrysene
Concen: 3.03 ng
RT: 20.96 min Scan# 1182
Delta R.T. -0.06 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 137721

Ion	Ratio	Lower	Upper
228	100		
226	24.2	20.3	30.5
229	21.1	17.8	26.6

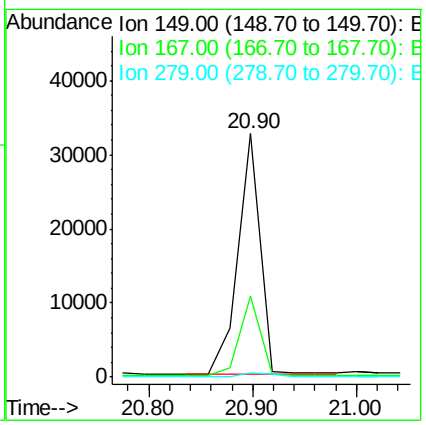


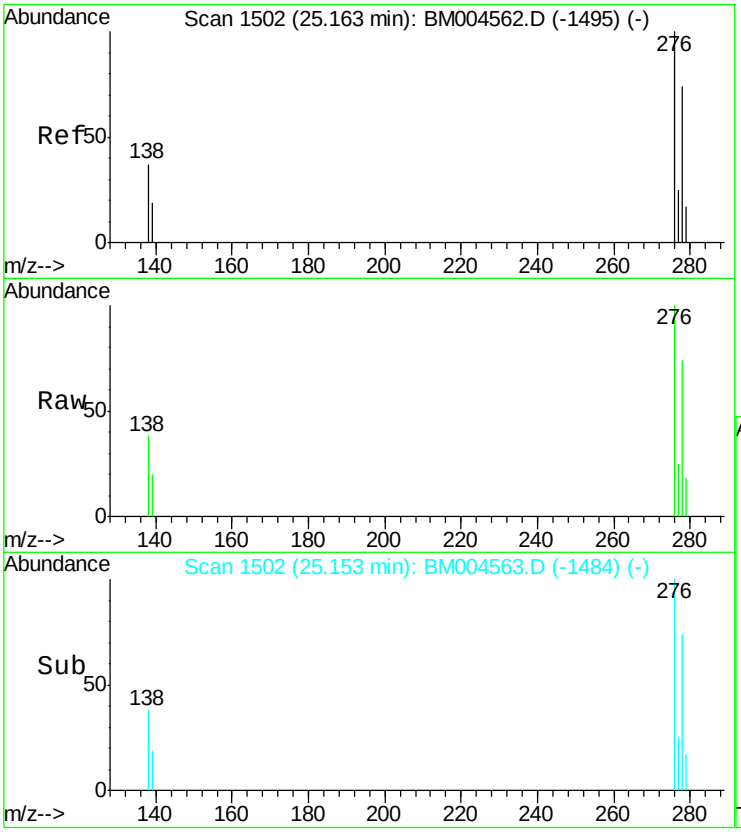


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng
RT: 20.90 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:149 Resp: 48347

Ion	Ratio	Lower	Upper
149	100		
167	30.4	0.6	0.8#
279	2.2	0.0	0.0#



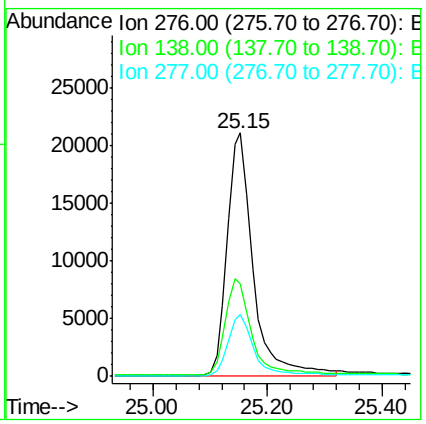


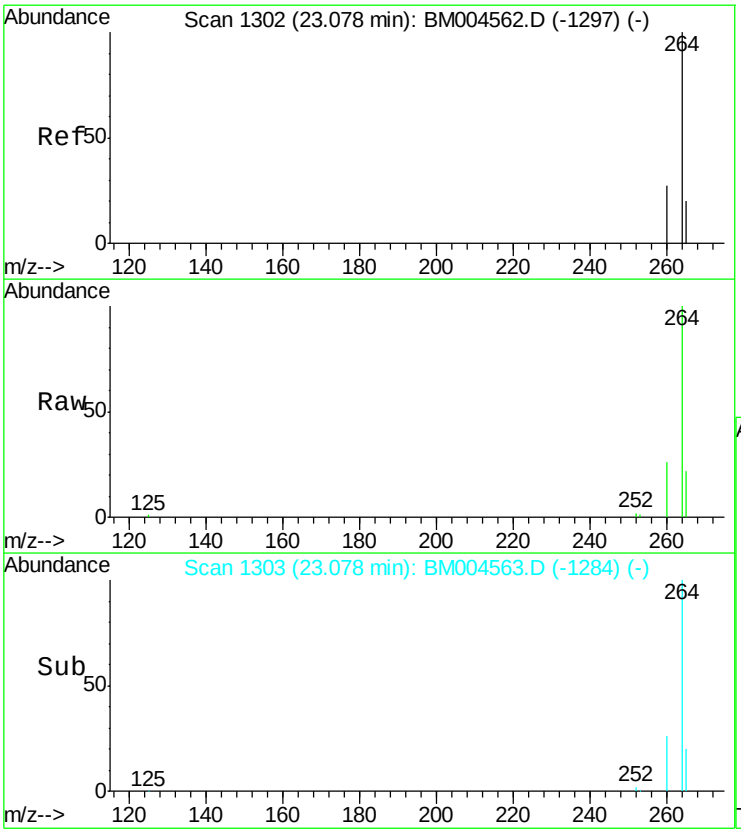
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.04 ng
RT: 25.15 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 66190

Ion	Ratio	Lower	Upper
276	100		
138	40.5	22.8	34.2#
277	24.9	15.2	22.8#

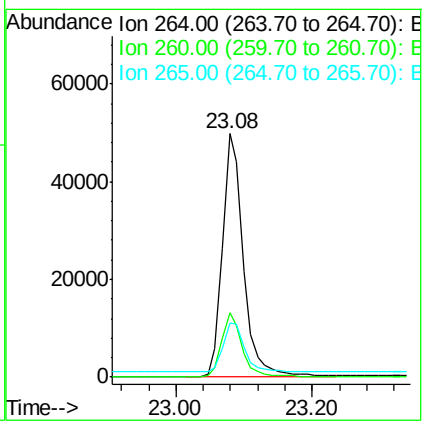


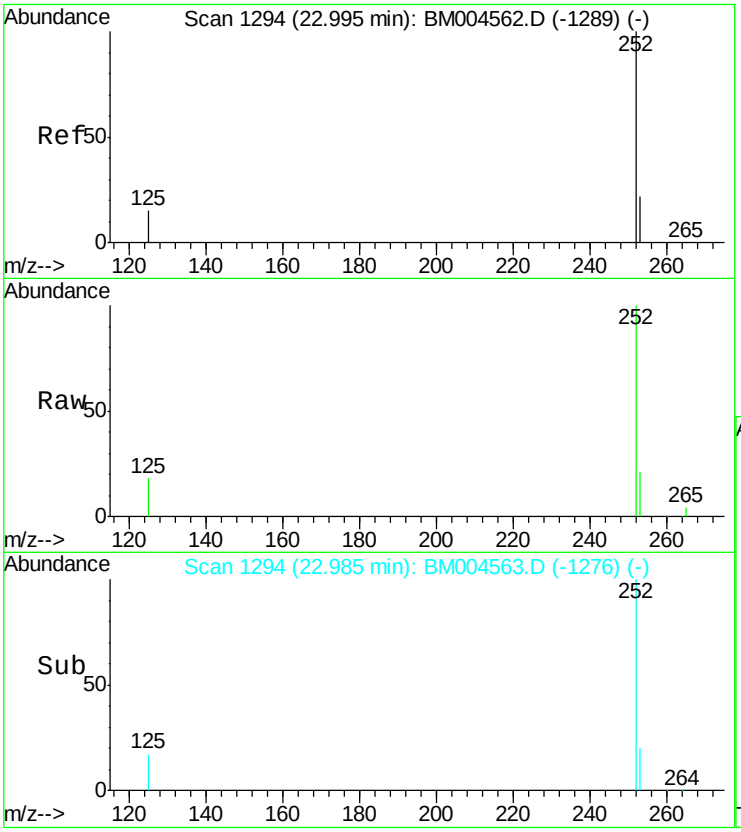


#34
Perylene-d12
Concen: 5.00 ng
RT: 23.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:264 Resp: 105637

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.4	32.2
265	22.5	17.8	26.8



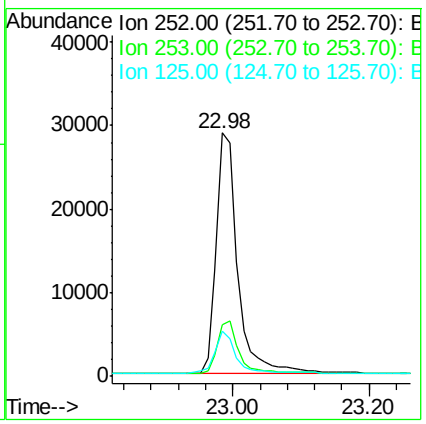


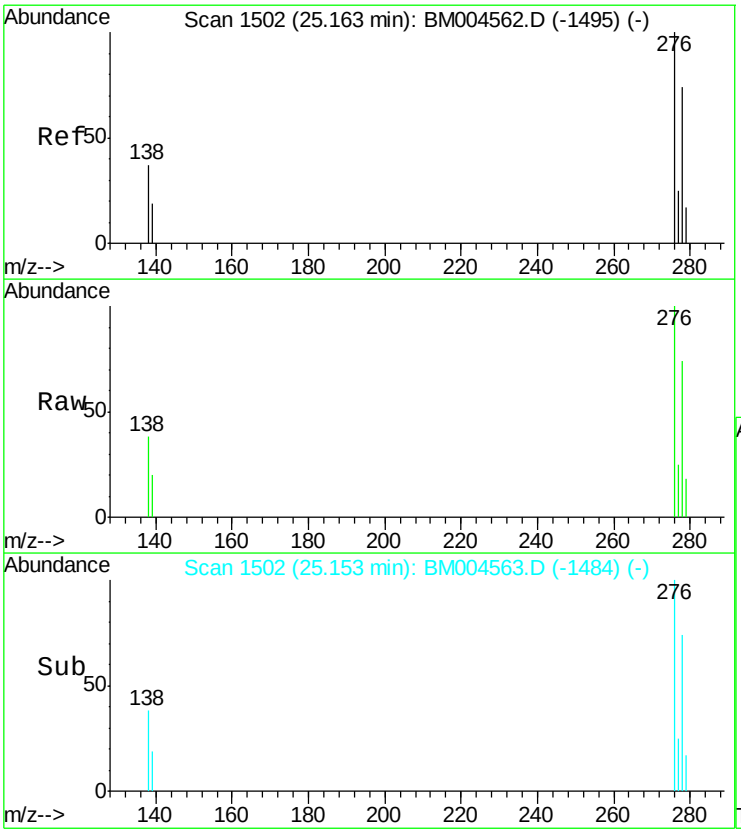
#35
Benzo(a)pyrene
Concen: 1.99 ng
RT: 22.98 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 62767

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.6
125	18.3	14.4	21.6

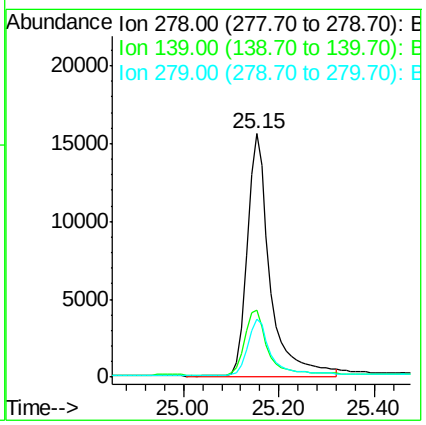


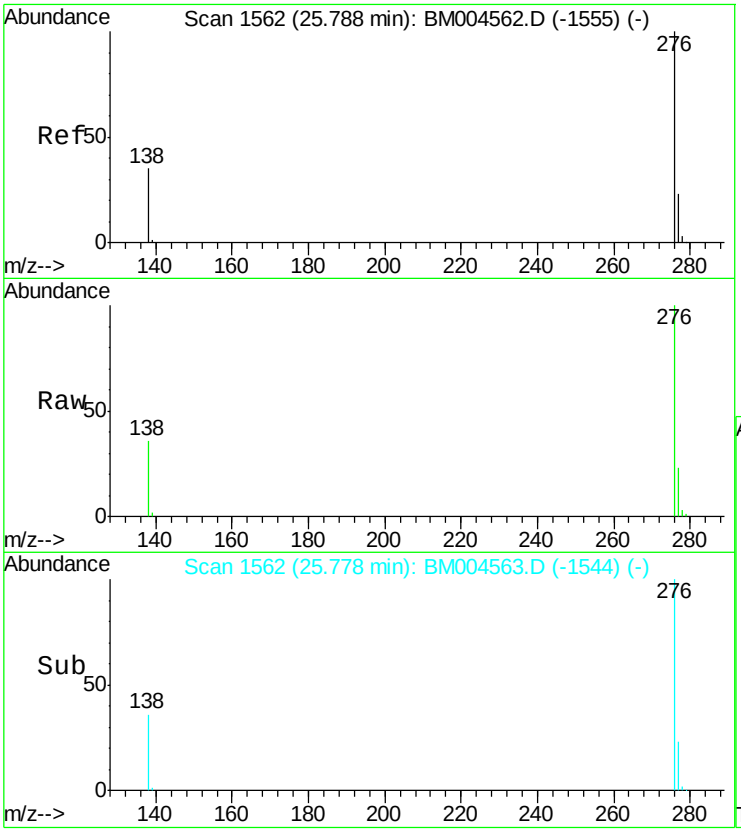


#36
Dibenzo(a,h)anthracene
Concen: 1.98 ng
RT: 25.15 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Tgt Ion:278 Resp: 51681

Ion	Ratio	Lower	Upper
278	100		
139	27.3	21.7	32.5
279	23.8	20.2	30.4





#37
Benzo(g,h,i)perylene
Concen: 1.93 ng
RT: 25.78 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM004563.D
Acq: 05 Mar 2016 19:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 56701

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	36.2	29.3	43.9