Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
Data File : BM001754.D
Acq On : 19 Jun 2015 10:15
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Jun 19 12:23:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	16478	5.00	ng		0.00
6) Naphthalene-d8	10.44	136	59858	5.00	ng		-0.02
12) Acenaphthene-d10	14.31	164	28566	5.00	ng		-0.01
18) Phenanthrene-d10	17.06	188	67733	5.00	ng		0.00
25) Chrysene-d12	21.25	240	49804	5.00	ng		0.00
32) Perylene-d12	23.47	264	44460	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3870	1.00	ng		0.00
5) Phenol-d6	6.83	99	4928	0.99	ng		0.00
7) Nitrobenzene-d5	8.83	82	4624	0.99	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	974	1.09	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	10244	1.00	ng		0.00
27) Terphenyl-d14	19.70	244	7266	0.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1894	1.01	ng		96
3) n-Nitrosodimethylamine	3.48	42	2997	1.03	ng		95
8) Nitrobenzene	8.87	77	5021	1.00	ng		99
9) Naphthalene	10.49	128	14479	0.99	ng		99
10) Hexachlorobutadiene	10.78	225	2441	0.99	ng		99
11) 2-Methylnaphthalene	12.12	142	9209	0.99	ng		99
15) Acenaphthylene	14.03	152	13464	0.99	ng		100
16) Acenaphthene	14.37	154	8454	0.99	ng		100
17) Fluorene	15.36	166	7412	1.02	ng		98
19) 4-Bromophenyl-phenylether	16.24	248	3204	1.15	ng	#	86
20) Hexachlorobenzene	16.38	284	1832	0.96	ng	#	100
21) Pentachlorophenol	16.72	266	880	1.04	ng		99
22) Phenanthrene	17.09	178	22891	0.99	ng		98
23) Anthracene	17.19	178	7678	0.78	ng	#	81
24) Fluoranthene	19.12	202	15919	1.09	ng		100
26) Pyrene	19.48	202	16733	0.96	ng		100
28) Benzo(a)anthracene	21.24	228	14618	0.97	ng		98
29) Chrysene	21.28	228	15399	0.98	ng		97
30) Bis(2-ethylhexyl)phthalate	21.16	149	8211	0.95	ng		100
31) Indeno(1,2,3-cd)pyrene	25.70	276	14880	0.98	ng		99
33) Benzo(b)fluoranthene	22.79	252	14726	1.01	ng		95
34) Benzo(k)fluoranthene	22.84	252	12563	0.96	ng		99
35) Benzo(a)pyrene	23.37	252	12120	0.99	ng		99
36) Dibenzo(a,h)anthracene	25.72	278	11893	0.98	ng		99
37) Benzo(g,h,i)perylene	26.39	276	12523	0.98	ng		100

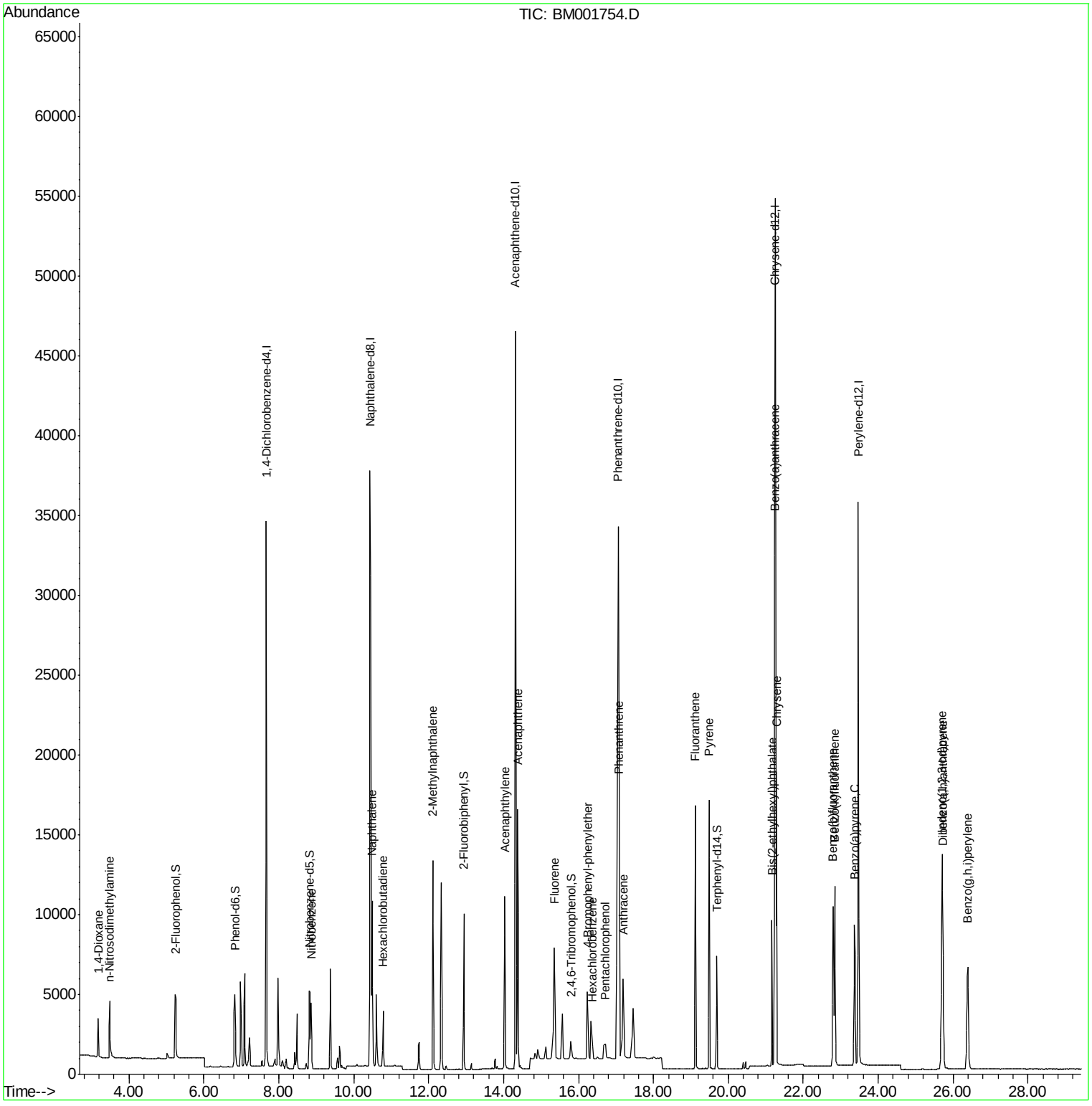
(#) = qualifier out of range (m) = manual integration (+) = signals summed

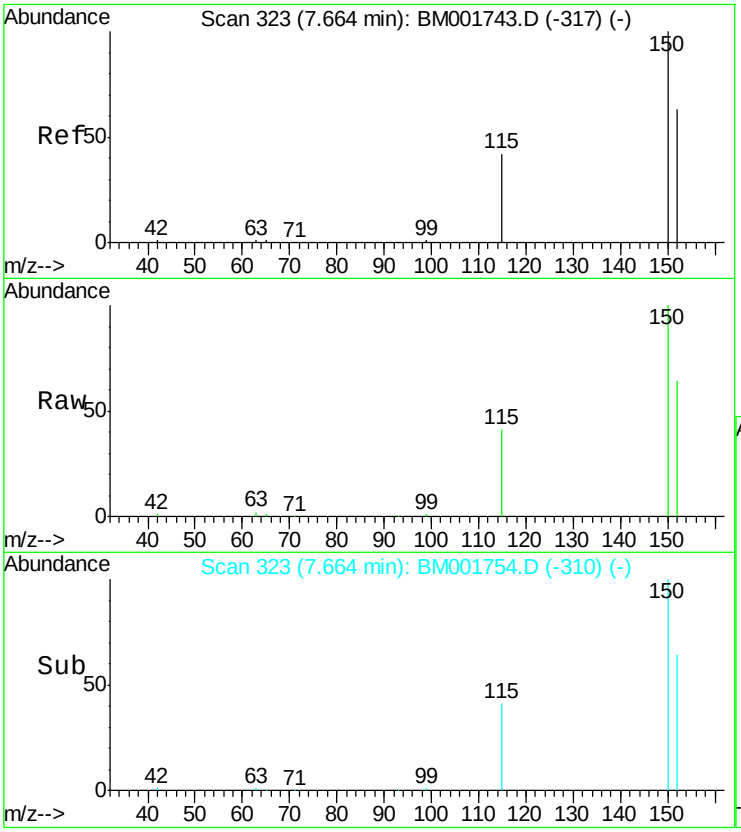
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
Data File : BM001754.D
Acq On : 19 Jun 2015 10:15
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Jun 19 12:23:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration



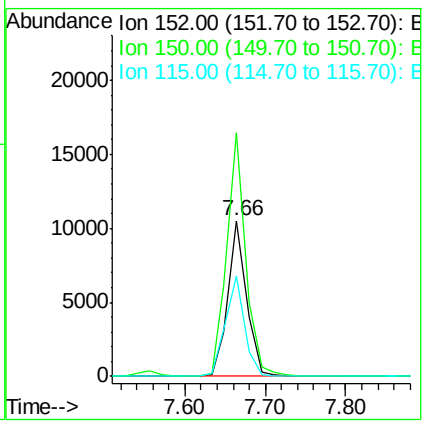


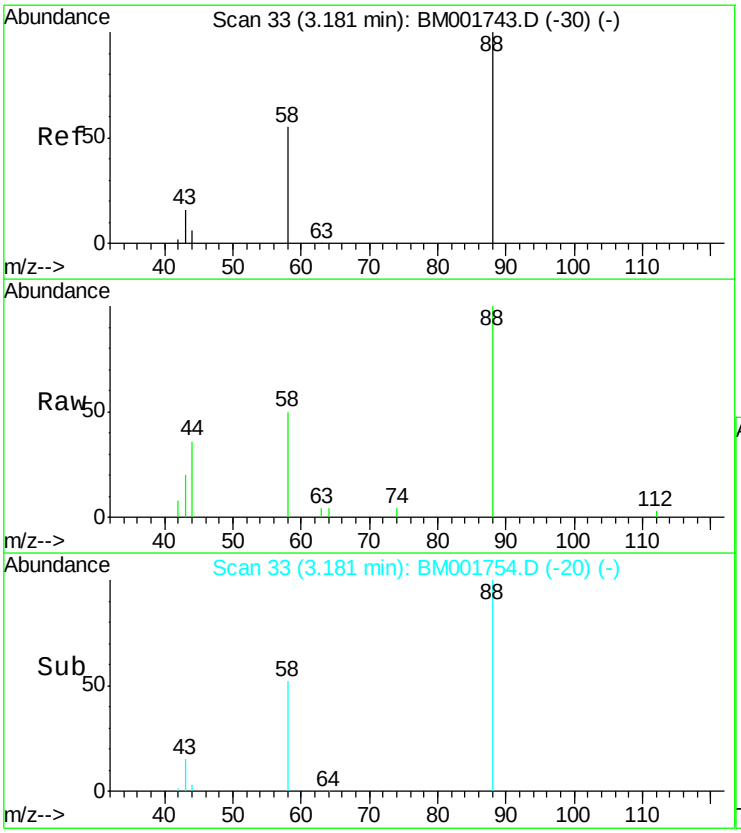
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 16478

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.5	191.3
115	64.0	53.2	79.8

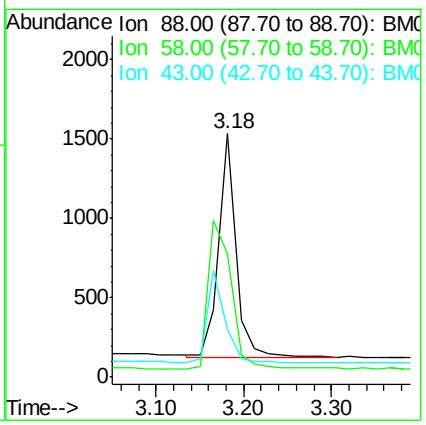


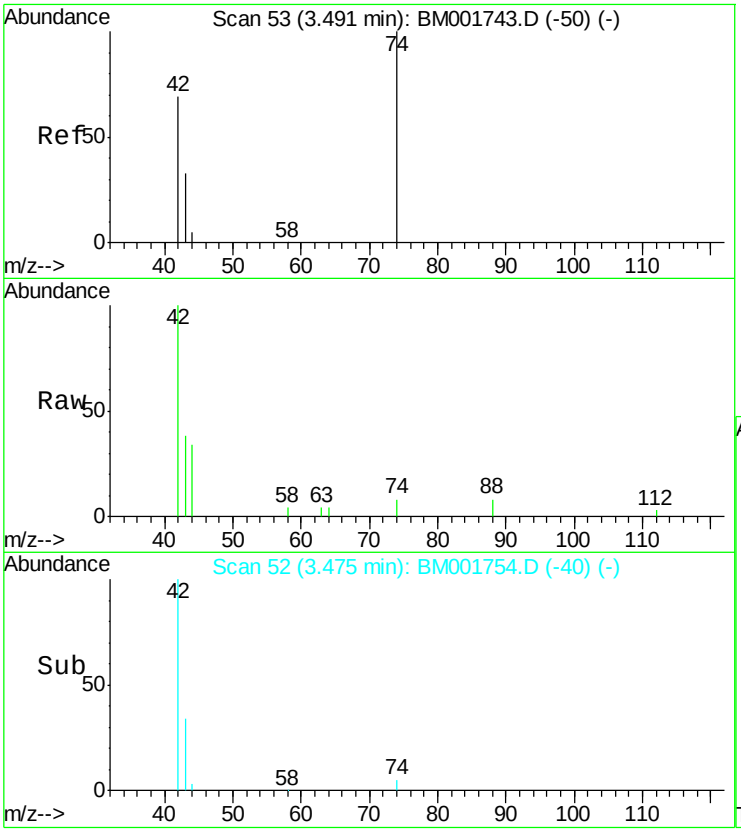


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion: 88 Resp: 1894

Ion	Ratio	Lower	Upper
88	100		
58	89.0	68.3	102.5
43	42.7	32.6	48.8



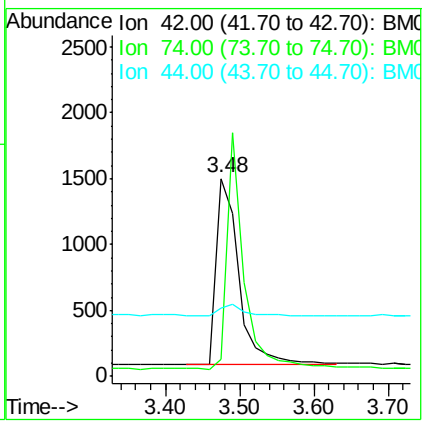


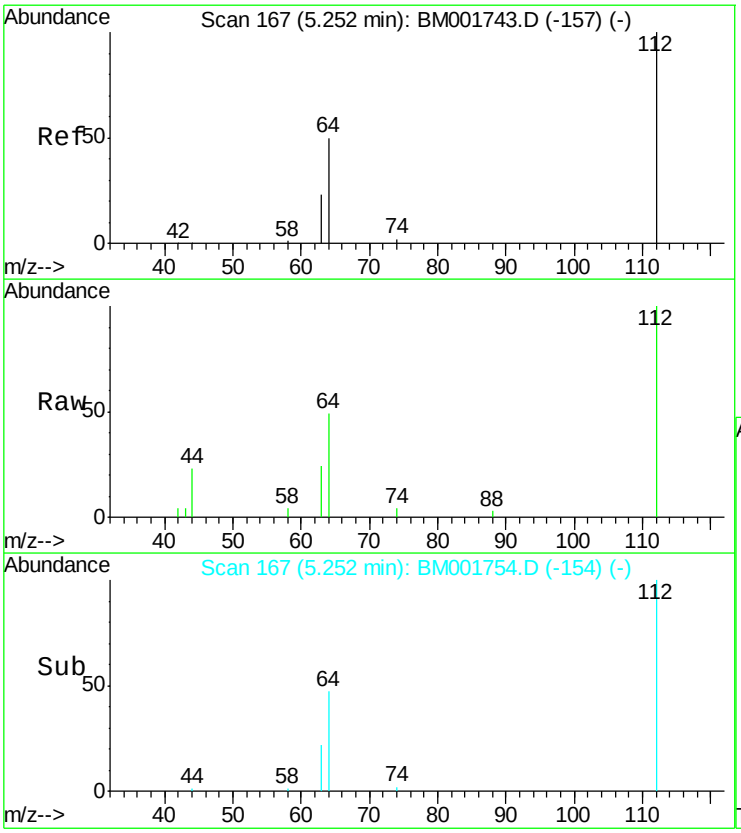
#3
n-Nitrosodimethylamine
Concen: 1.03 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 2997

Ion	Ratio	Lower	Upper
42	100		
74	93.6	78.6	118.0
44	6.6	5.0	7.6

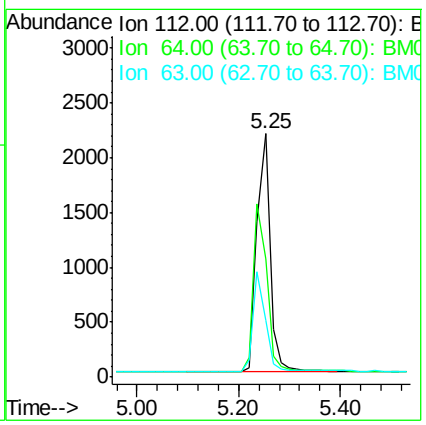


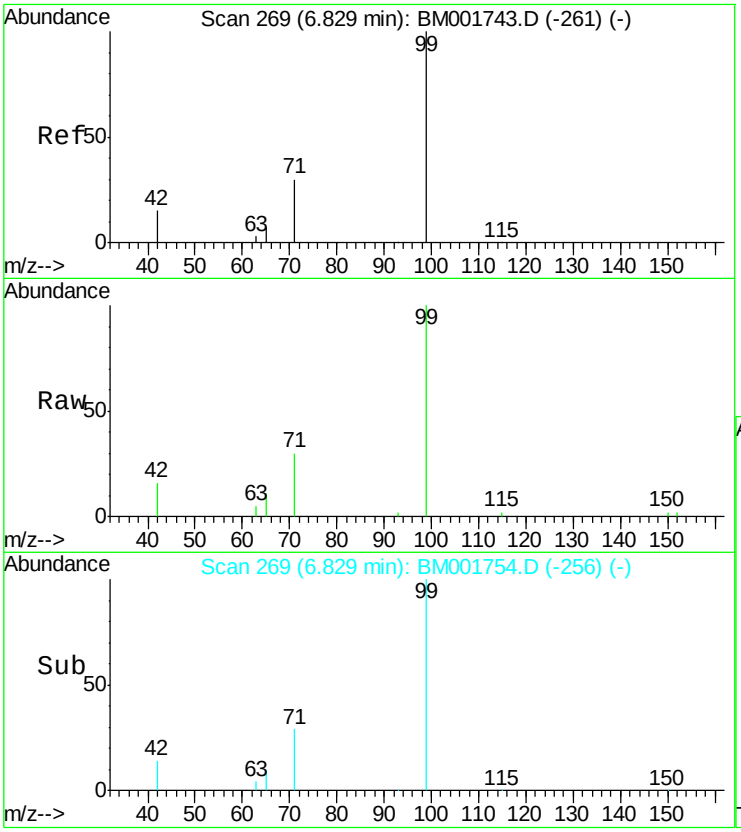


#4
2-Fluorophenol
Concen: 1.00 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:112 Resp: 3870

Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.6	83.4
63	38.4	30.2	45.2



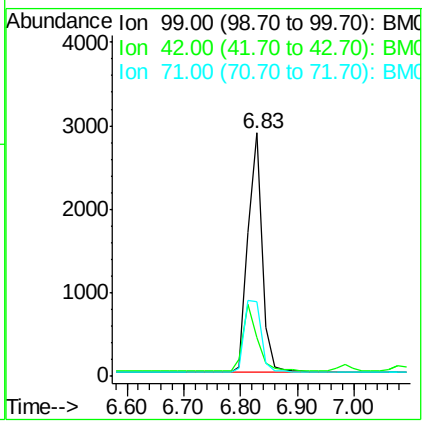


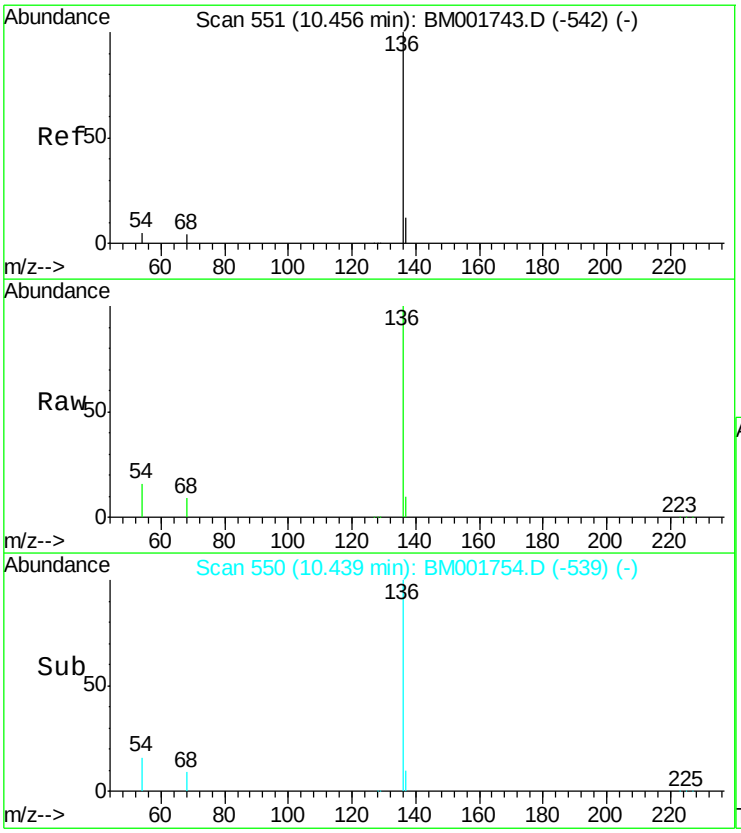
#5
Phenol-d6
Concen: 0.99 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 4928

Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.4	32.0
71	35.9	28.3	42.5

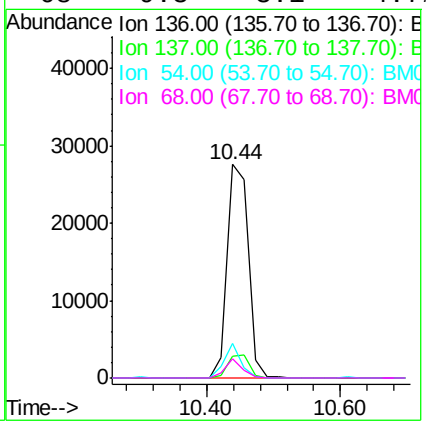


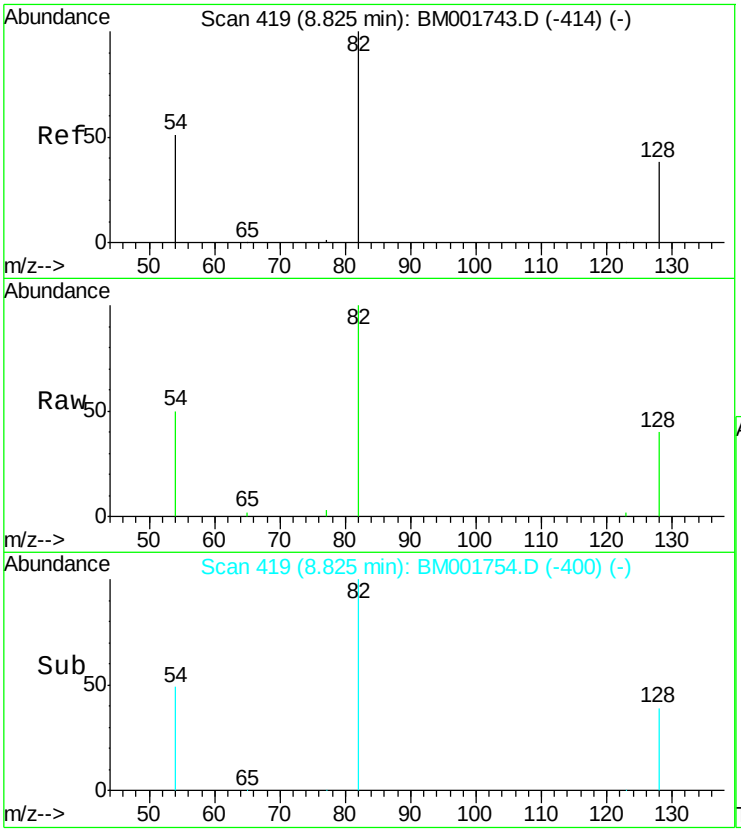


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.02 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:136 Resp: 59858

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.0
54	16.5	4.4	6.6#
68	9.3	3.1	4.7#



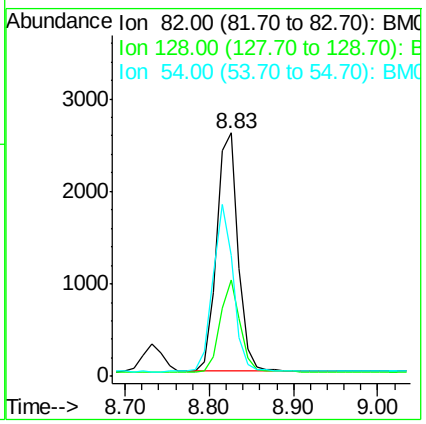


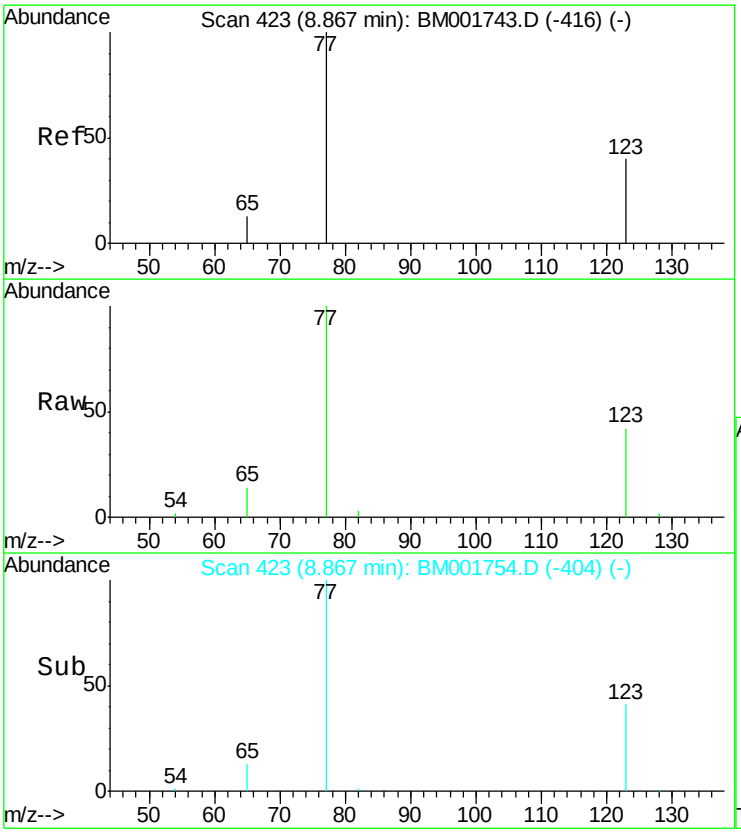
#7
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 4624

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	49.8	41.9	62.9

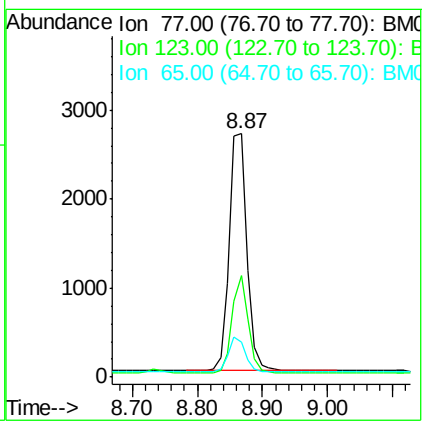


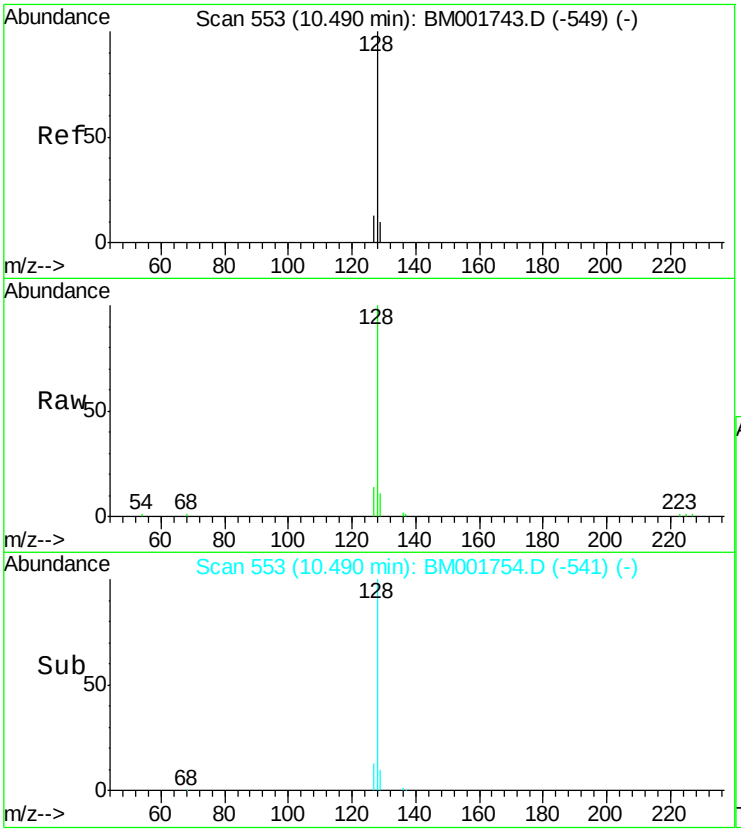


#8
Nitrobenzene
Concen: 1.00 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion: 77 Resp: 5021

Ion	Ratio	Lower	Upper
77	100		
123	37.1	30.1	45.1
65	14.0	11.3	16.9



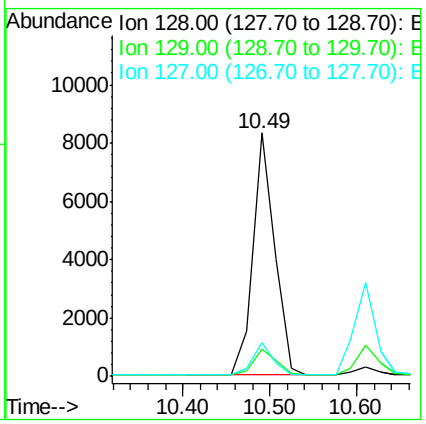


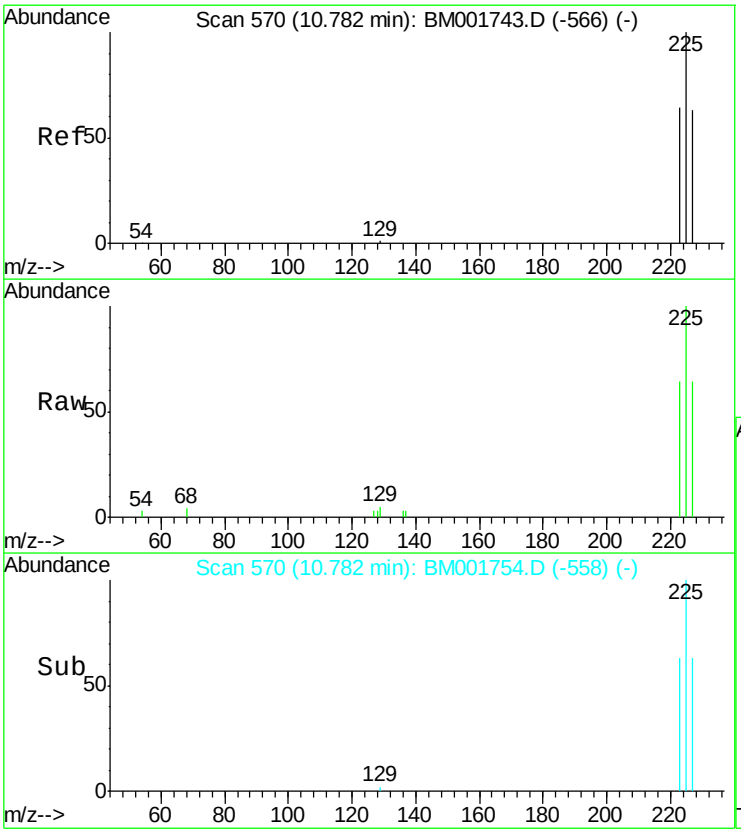
#9
Naphthalene
Concen: 0.99 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 14479

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.7	11.2	16.8

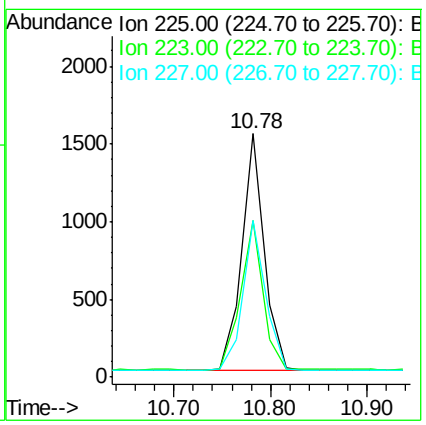


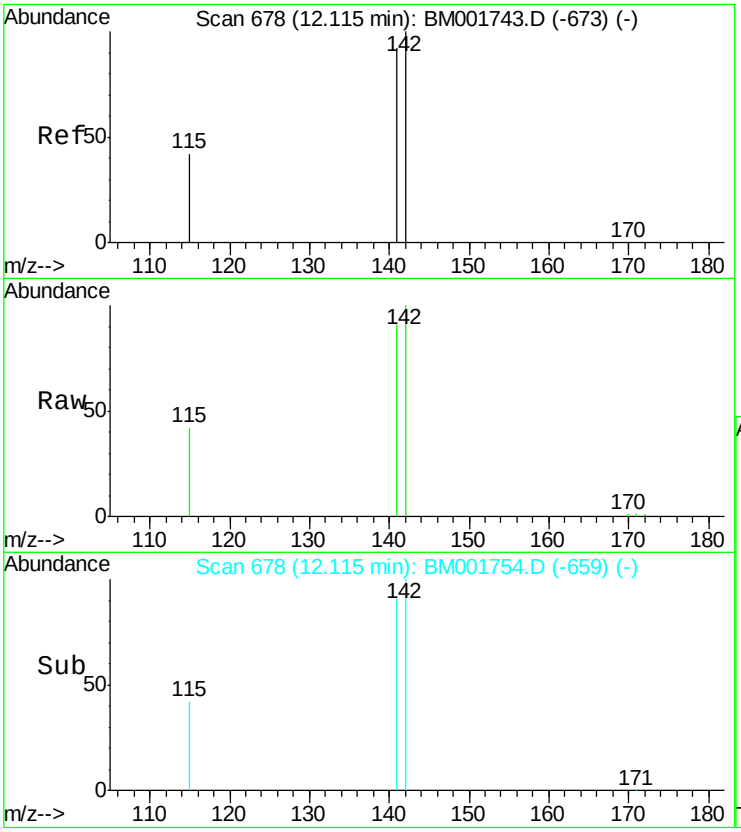


#10
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:225 Resp: 2441

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.4
227	63.8	51.8	77.8



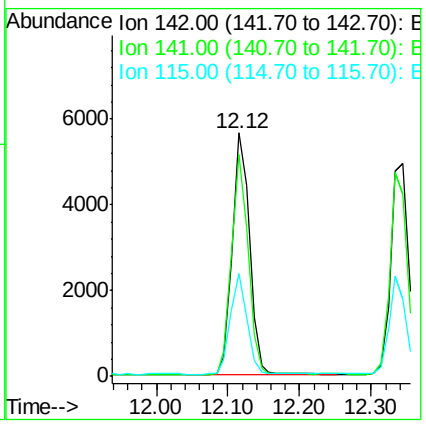


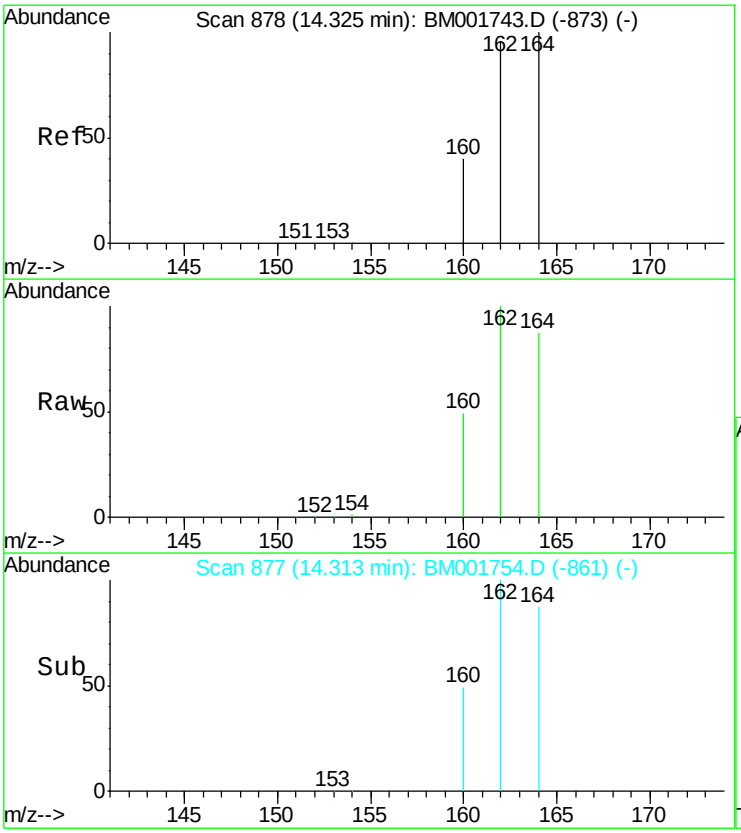
#11
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 9209

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.6	110.4
115	42.3	34.1	51.1

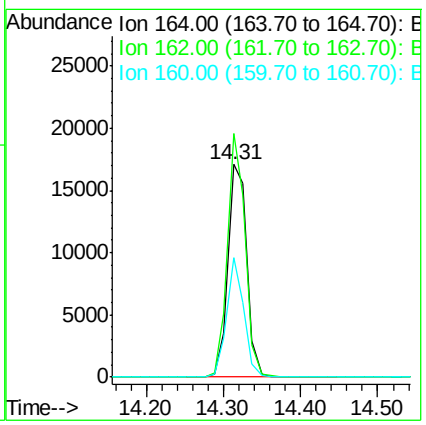


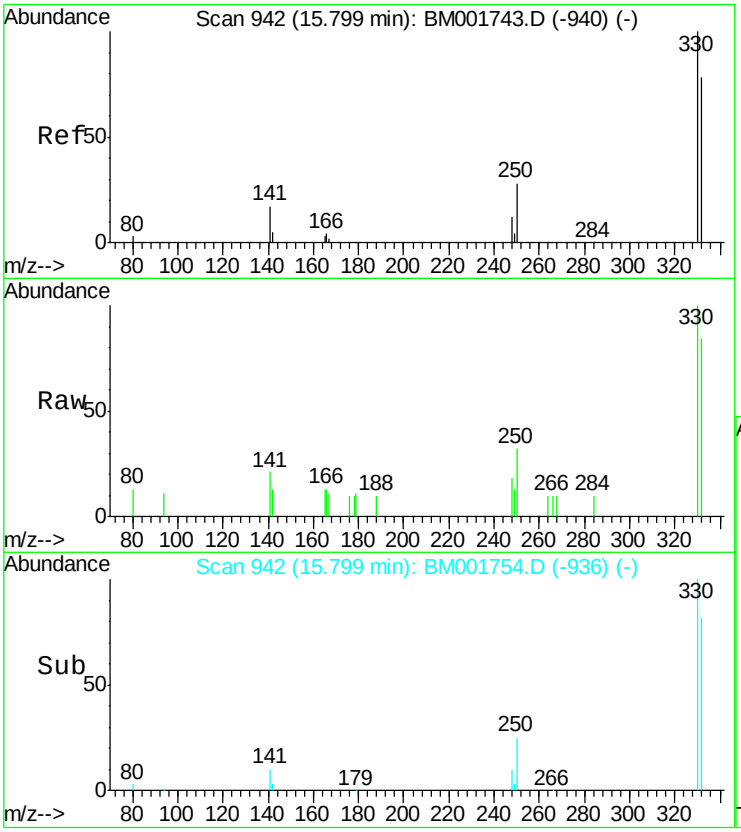


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 877
Delta R.T. -0.01 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:164 Resp: 28566

Ion	Ratio	Lower	Upper
164	100		
162	114.5	76.6	114.8
160	55.9	31.8	47.8#



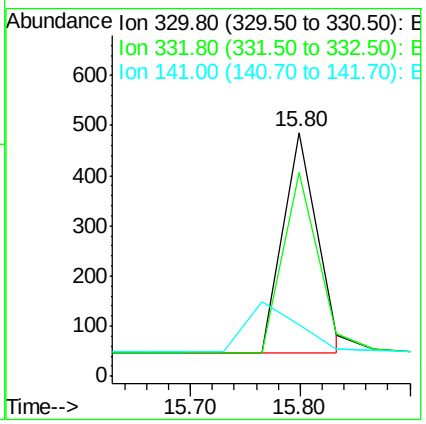


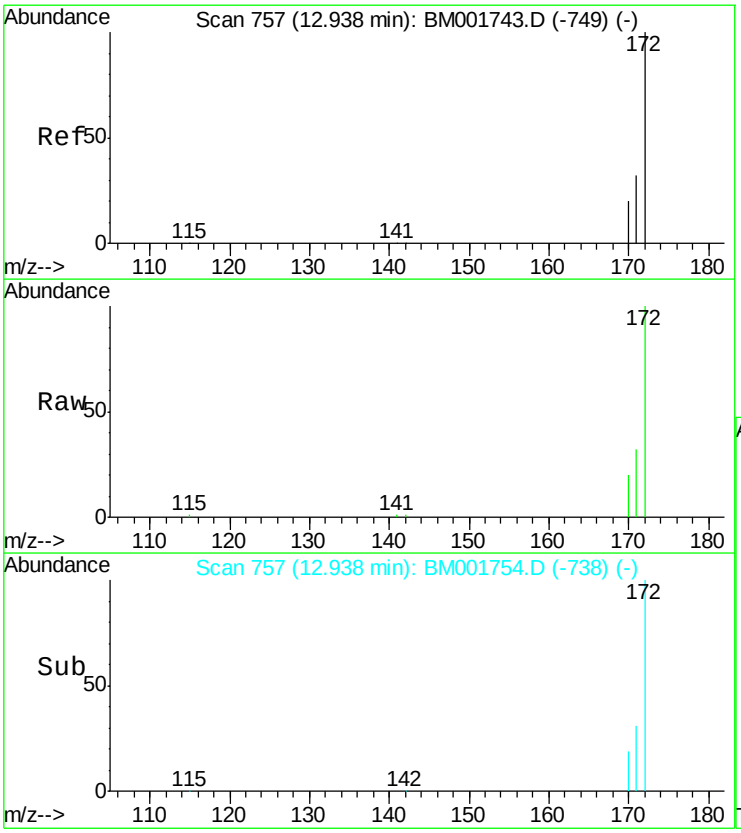
#13
2,4,6-Tribromophenol
Concen: 1.09 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 974

Ion	Ratio	Lower	Upper
330	100		
332	83.9	65.8	98.8
141	0.0	0.0	0.0

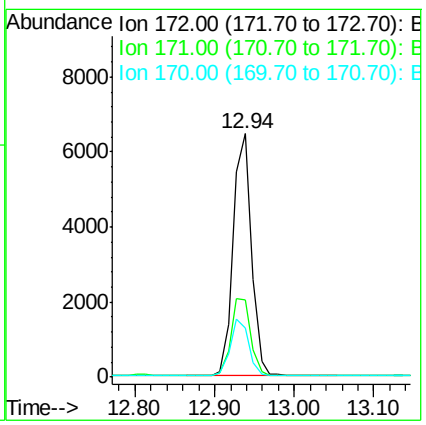


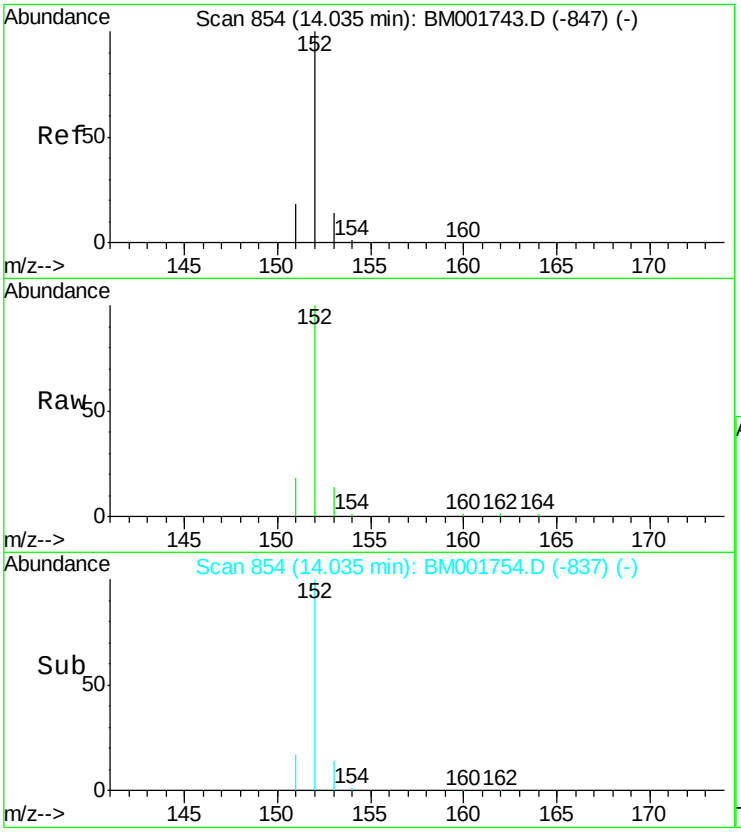


#14
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:172 Resp: 10244

Ion	Ratio	Lower	Upper
172	100		
171	31.7	26.2	39.2
170	20.1	16.6	24.8



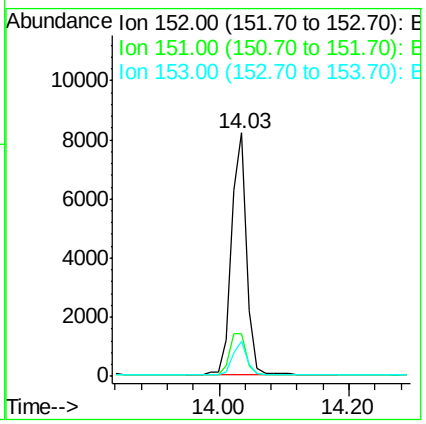


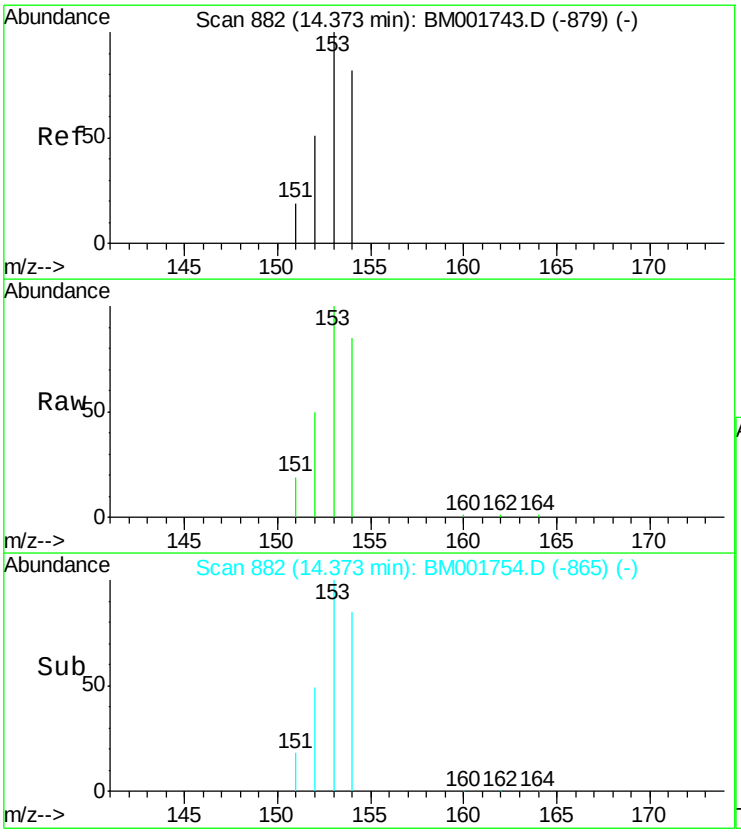
#15
Acenaphthylene
Concen: 0.99 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 13464

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2
153	13.0	10.4	15.6

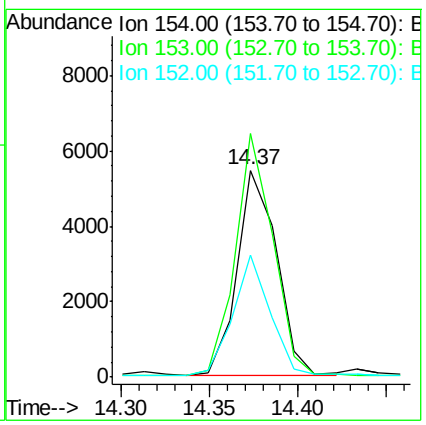


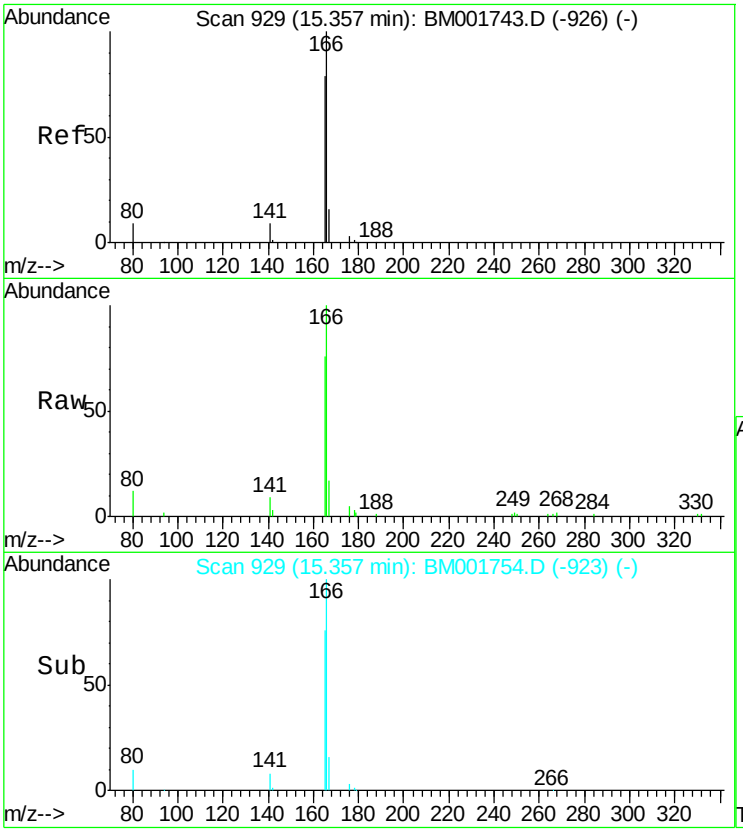


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:154 Resp: 8454

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.0	135.0
152	54.8	44.2	66.4



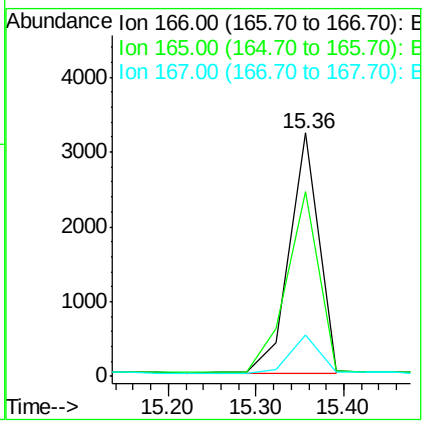


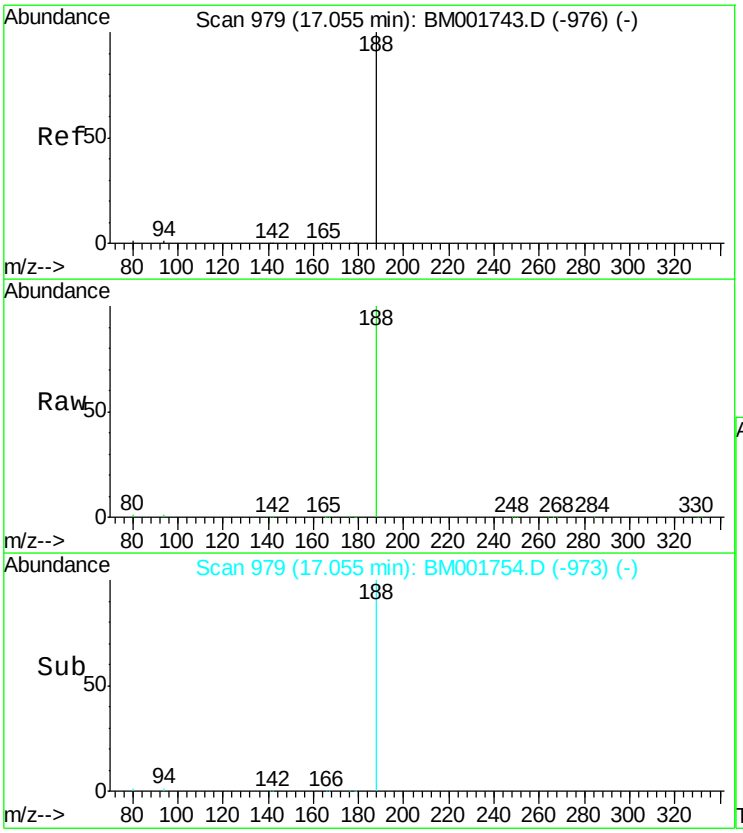
#17
Fluorene
Concen: 1.02 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 7412

Ion	Ratio	Lower	Upper
166	100		
165	83.4	68.2	102.2
167	15.1	12.2	18.2

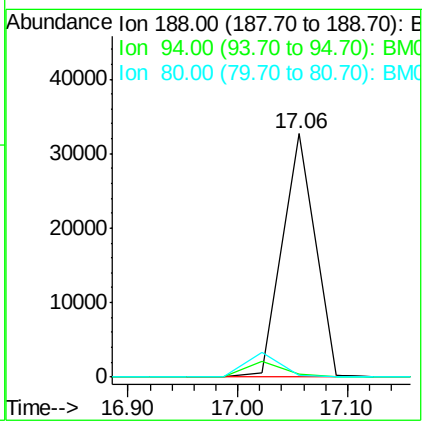


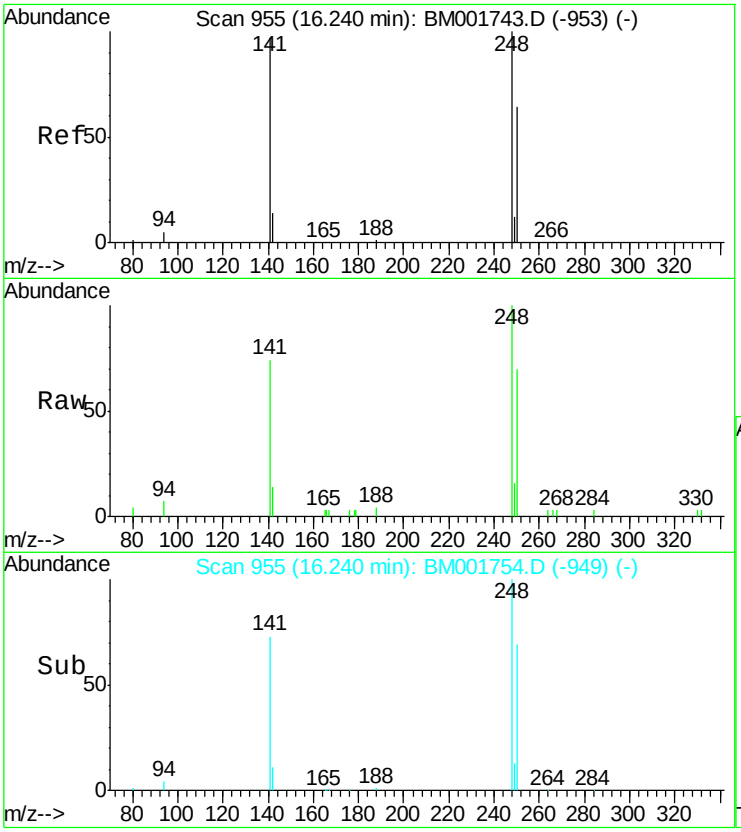


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:188 Resp: 67733

Ion	Ratio	Lower	Upper
188	100		
94	1.1	1.3	1.9#
80	0.9	1.0	1.6#



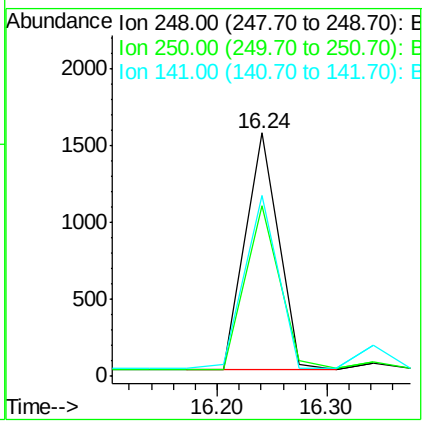


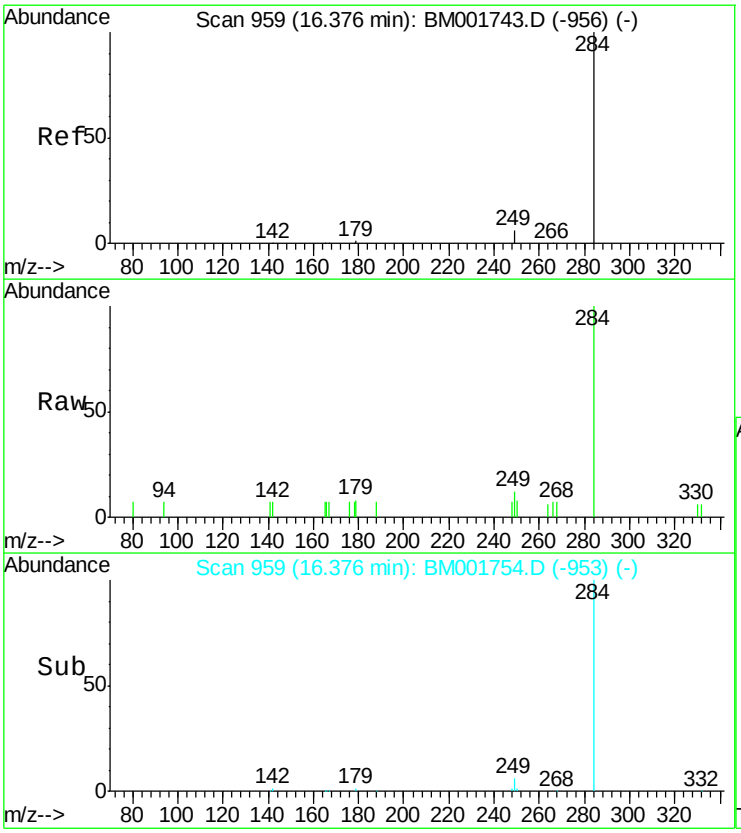
#19
4-Bromophenyl-phenylether
Concen: 1.15 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 3204

Ion	Ratio	Lower	Upper
248	100		
250	71.7	54.8	82.2
141	74.0	76.2	114.4#

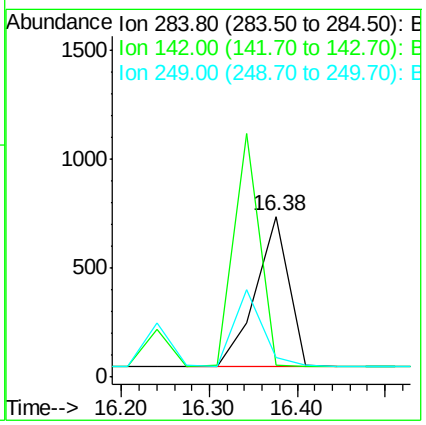


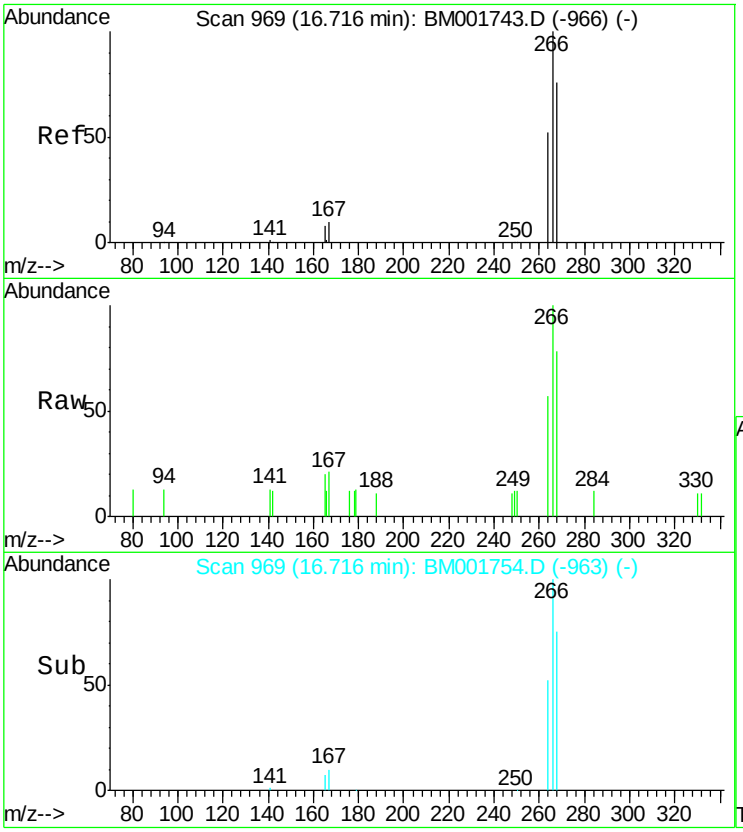


#20
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:284 Resp: 1832

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



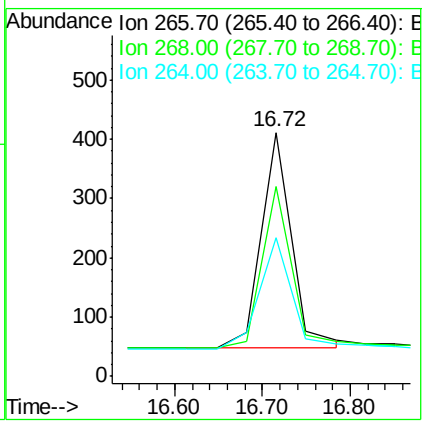


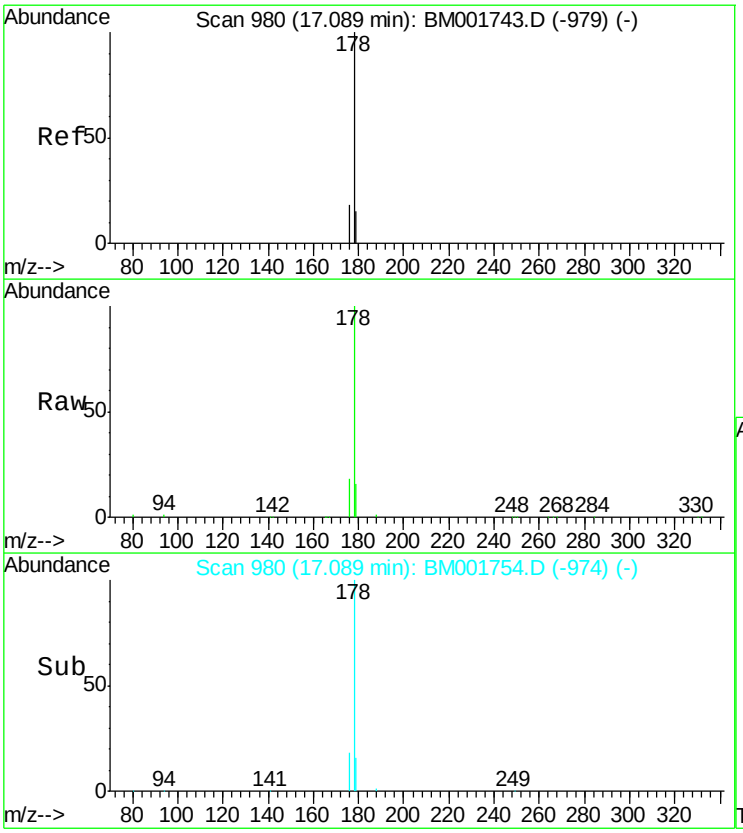
#21
Pentachlorophenol
Concen: 1.04 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 880

Ion	Ratio	Lower	Upper
266	100		
268	78.1	63.2	94.8
264	56.9	46.2	69.2

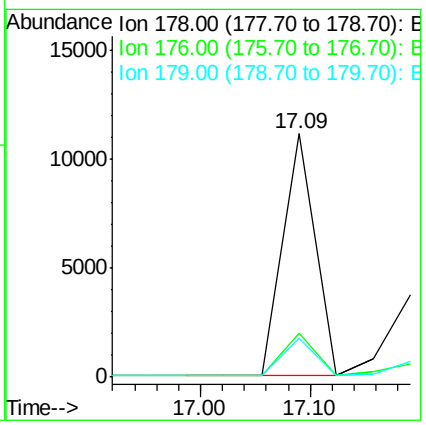


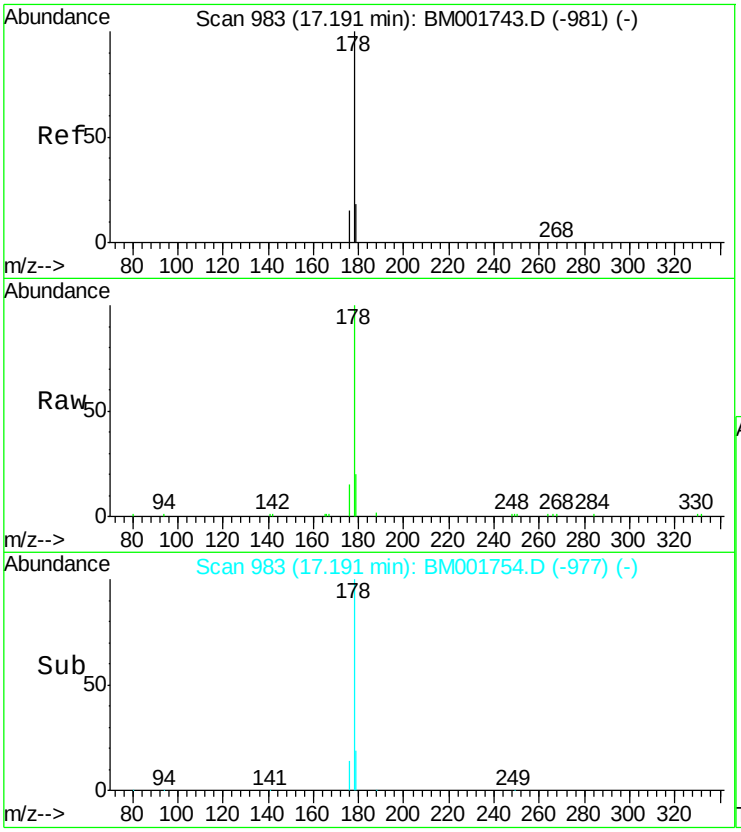


#22
Phenanthrene
Concen: 0.99 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:178 Resp: 22891

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.9	12.6	19.0



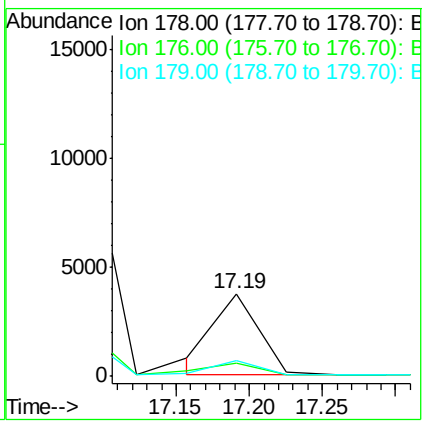


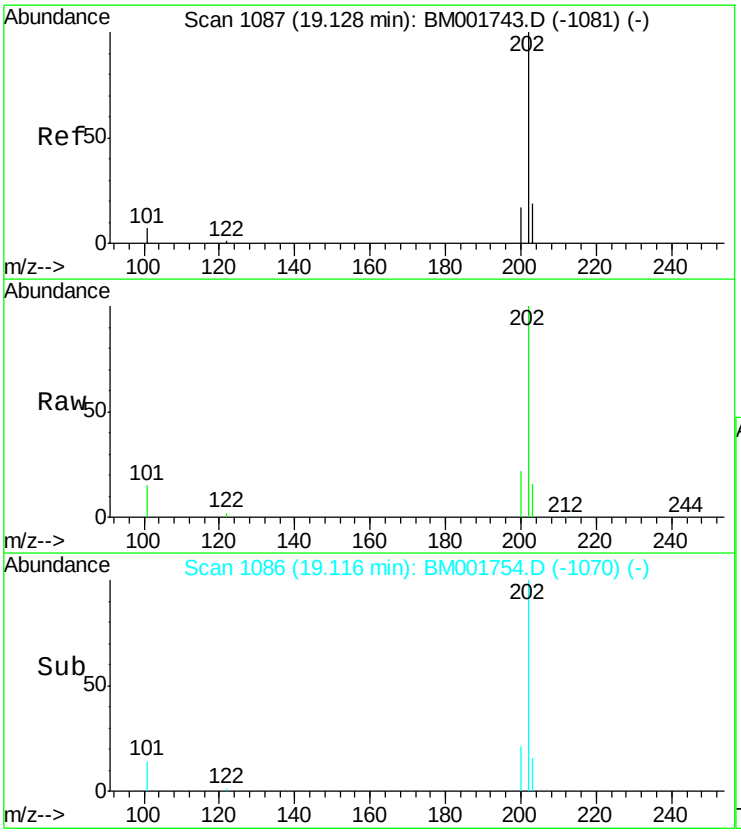
#23
Anthracene
Concen: 0.78 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 7678

Ion	Ratio	Lower	Upper
178	100		
176	0.0	10.0	15.0#
179	18.7	12.3	18.5#

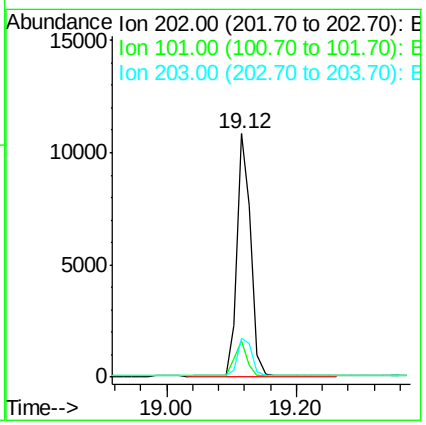


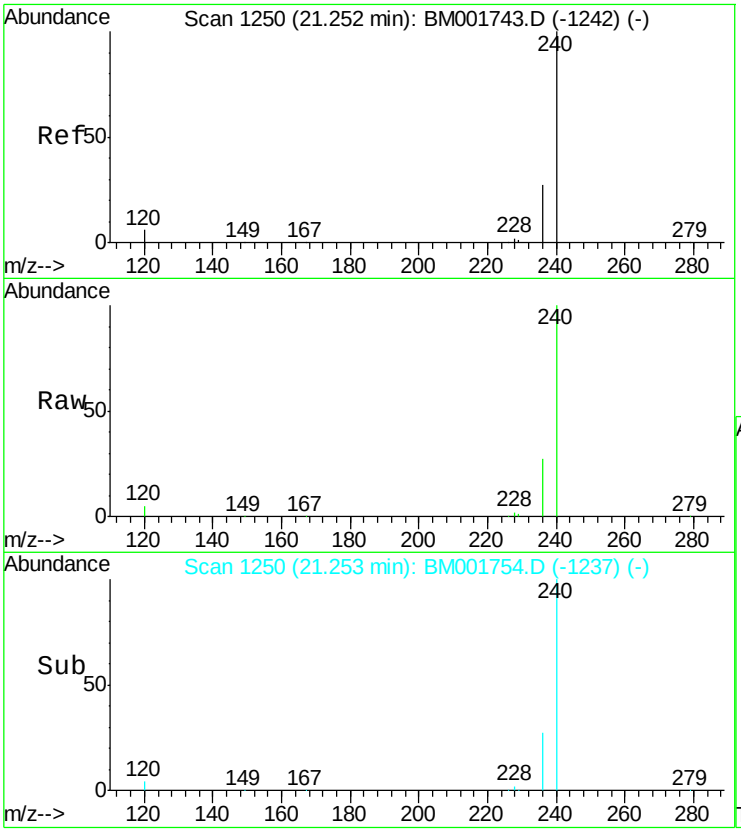


#24
Fluoranthene
Concen: 1.09 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:202 Resp: 15919

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
203	17.1	13.8	20.6



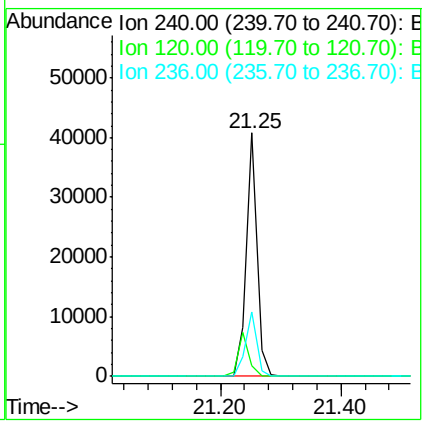


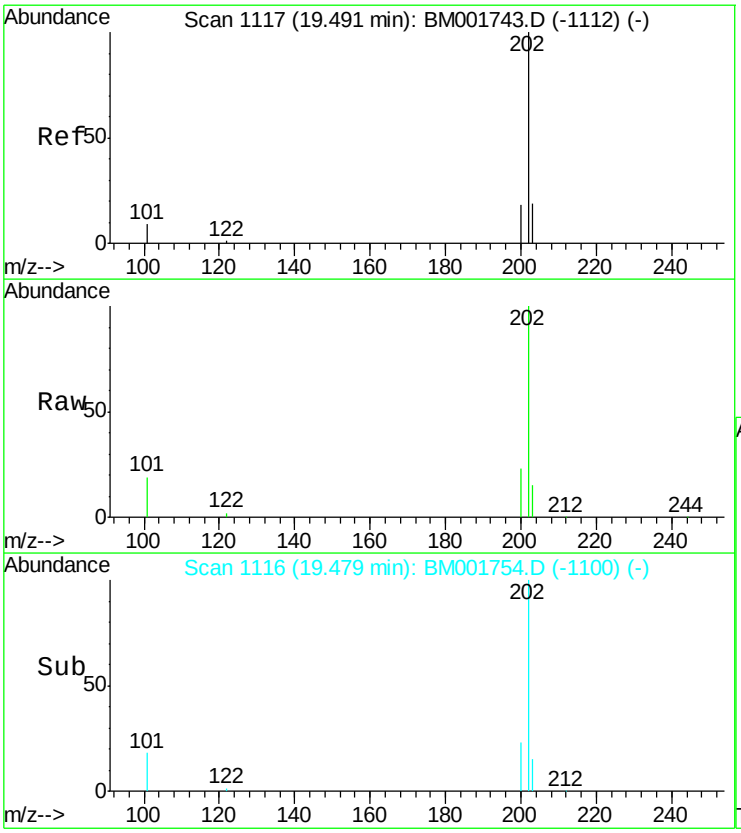
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 49804

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.7	7.1#
236	26.7	21.6	32.4

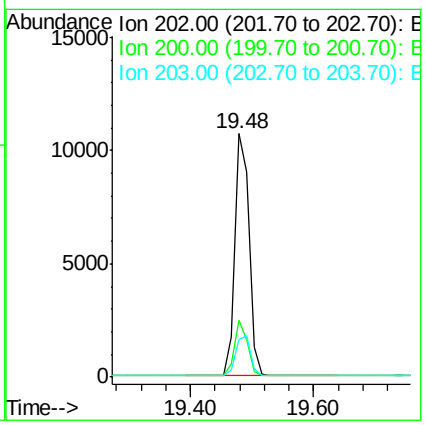


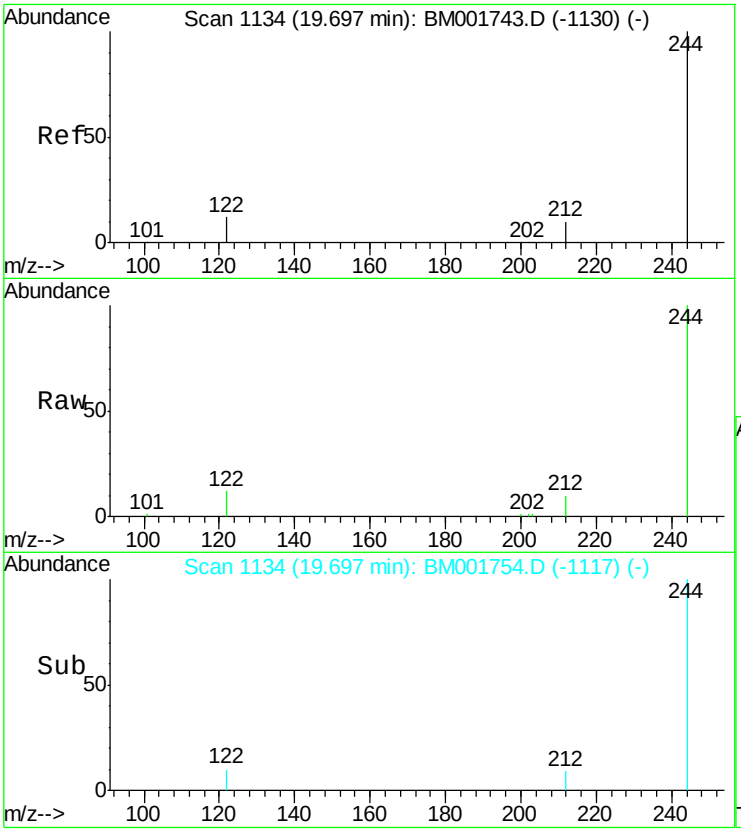


#26
Pyrene
Concen: 0.96 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:202 Resp: 16733

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.2	13.9	20.9



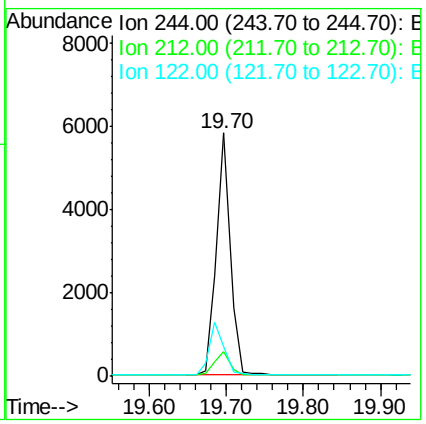


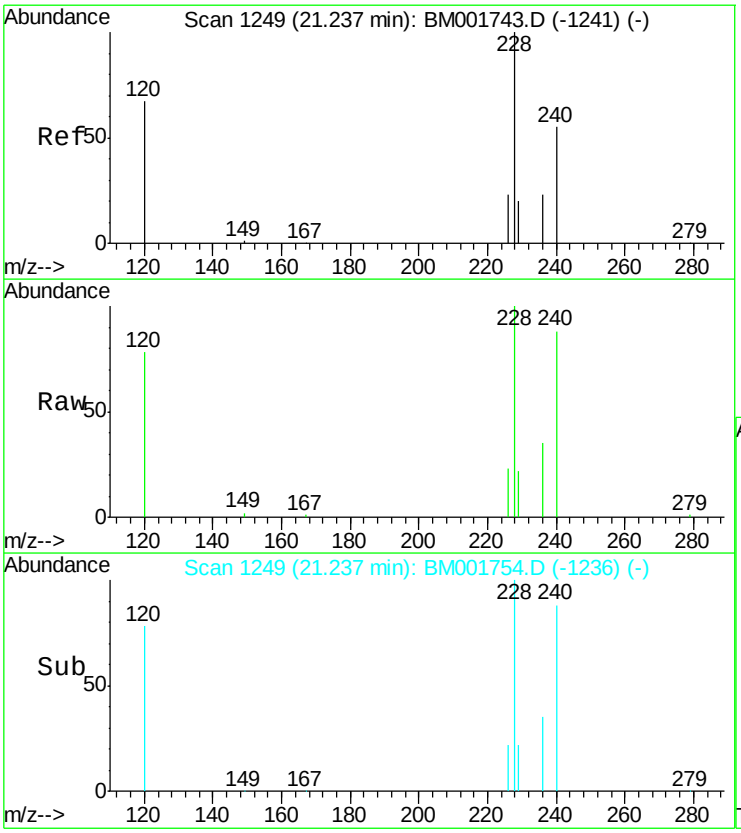
#27
Terphenyl-d14
Concen: 0.99 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 7266

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.6	13.0
122	12.2	10.6	15.8

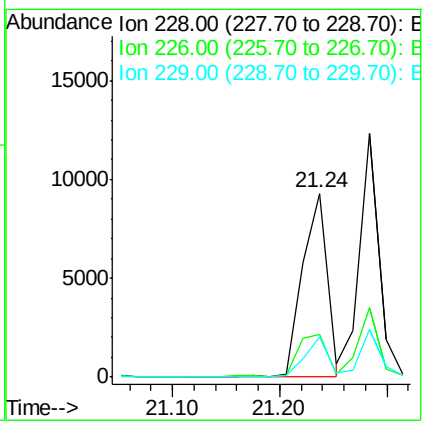


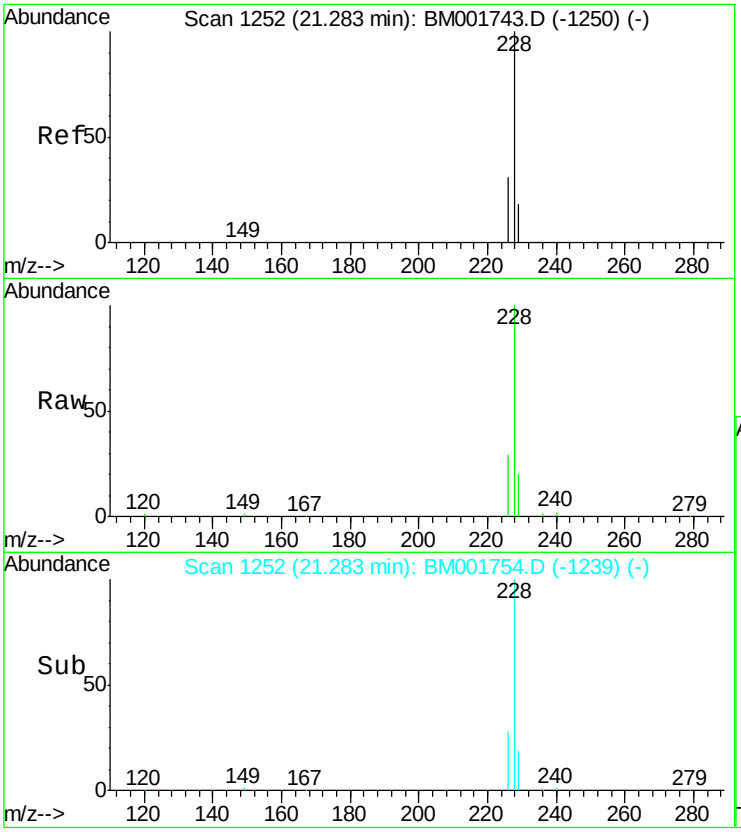


#28
Benzo(a)anthracene
Concen: 0.97 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:228 Resp: 14618

Ion	Ratio	Lower	Upper
228	100		
226	23.1	18.9	28.3
229	22.0	16.6	25.0



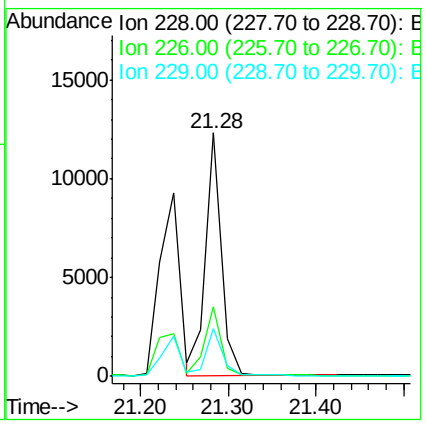


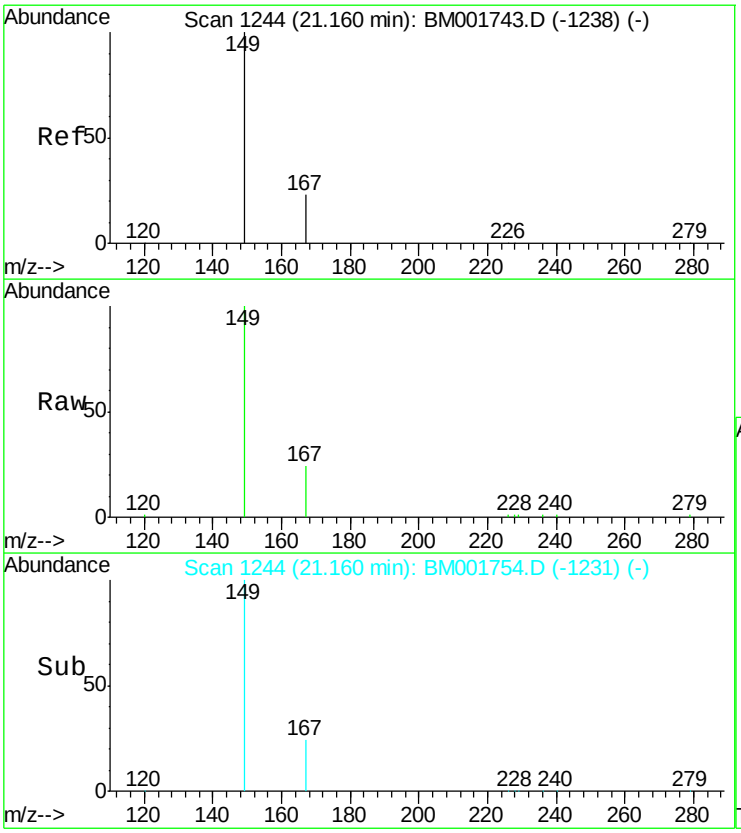
#29
Chrysene
Concen: 0.98 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 15399

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.3	36.5
229	19.7	15.0	22.6

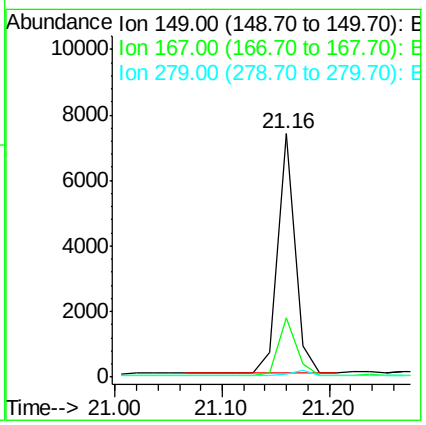


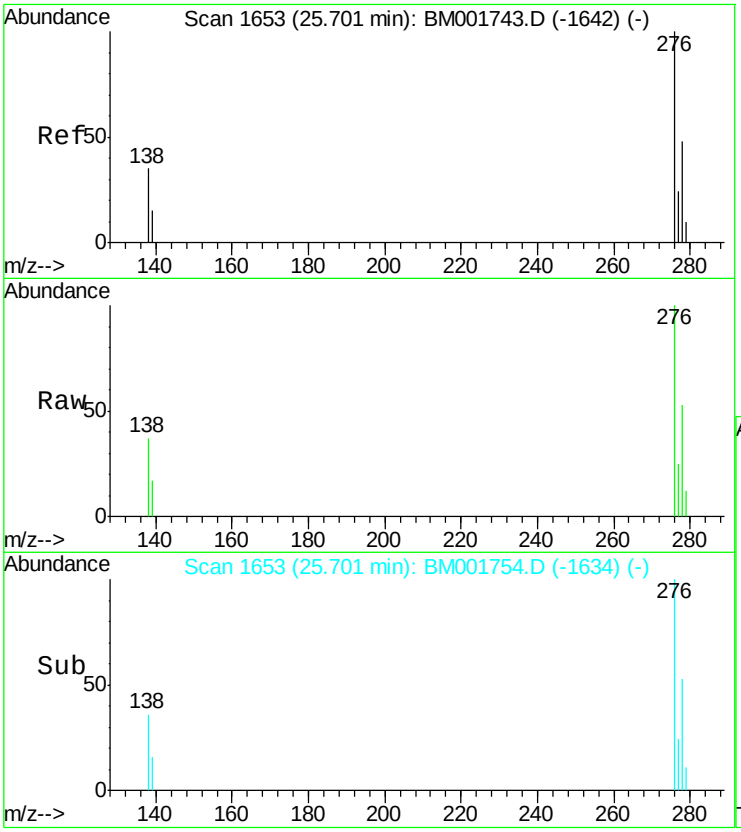


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.95 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:149 Resp: 8211

Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.7	29.5
279	2.1	1.6	2.4



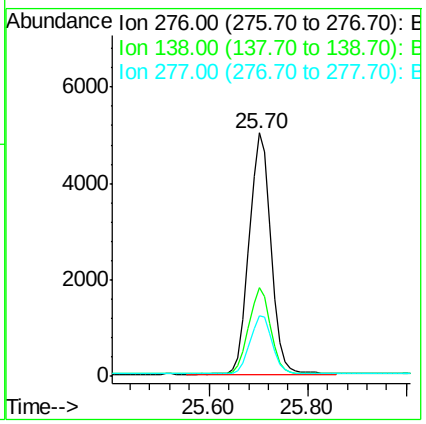


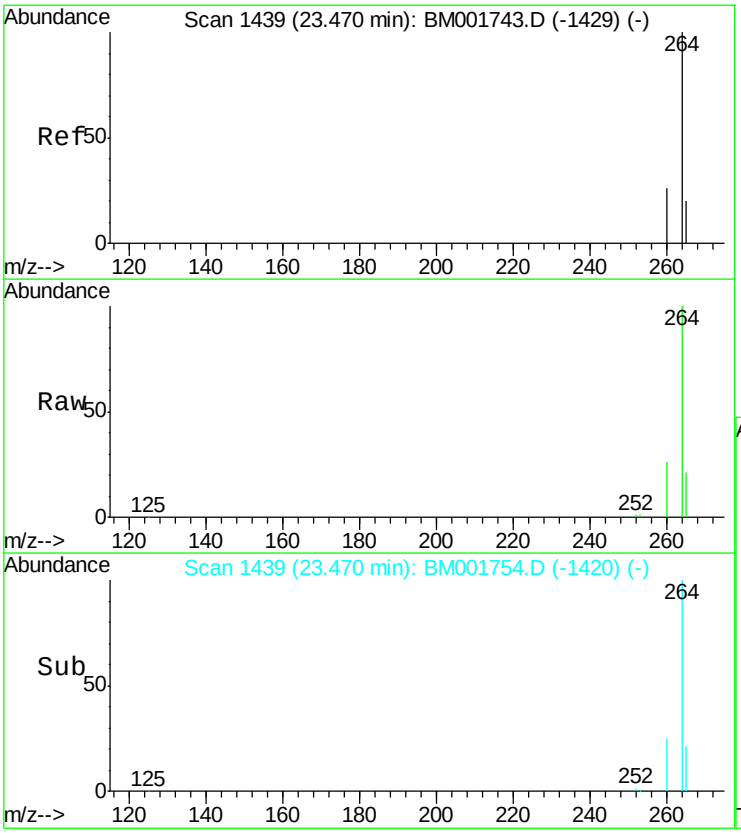
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 14880

Ion	Ratio	Lower	Upper
276	100		
138	35.7	29.0	43.6
277	24.6	19.7	29.5

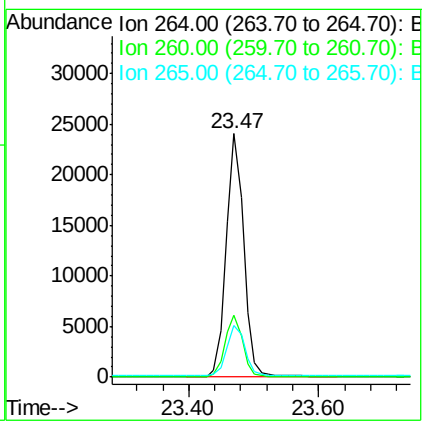


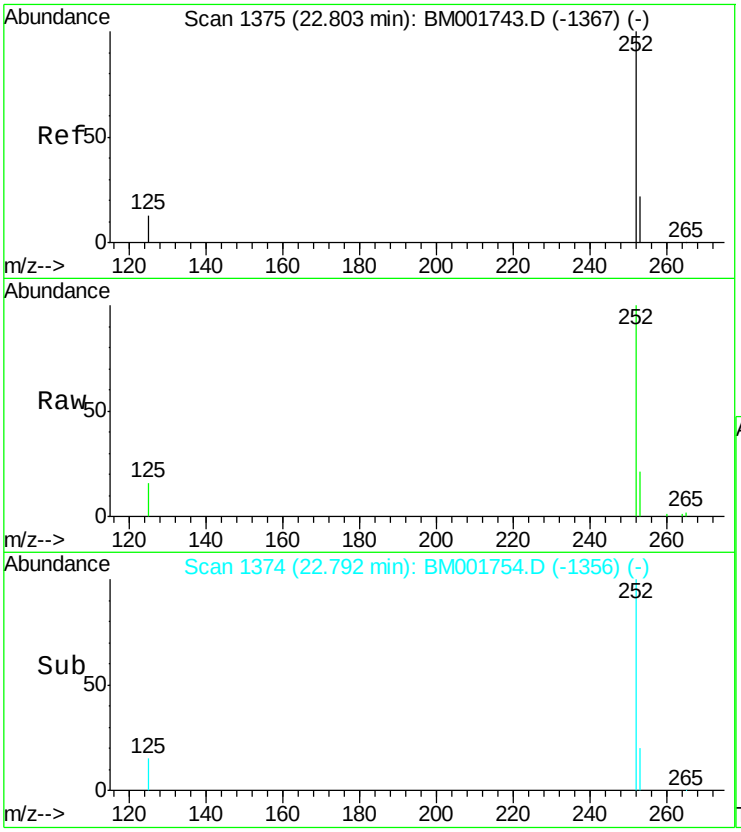


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:264 Resp: 44460

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.8	31.2
265	21.3	16.8	25.2



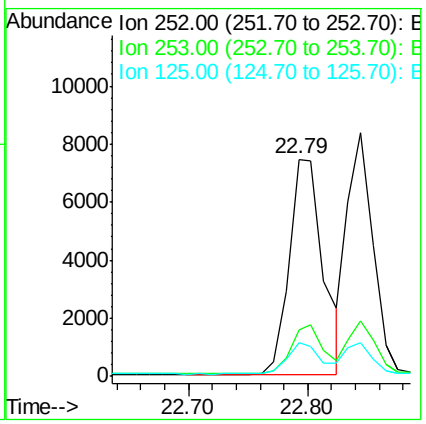


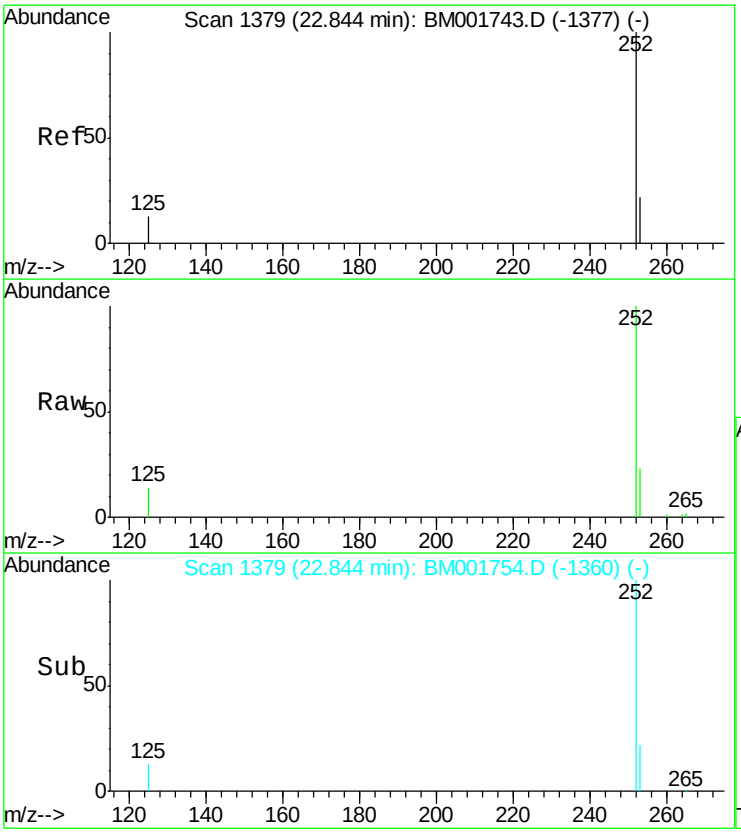
#33
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 22.79 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 14726

Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.0	28.4
125	15.8	11.3	16.9

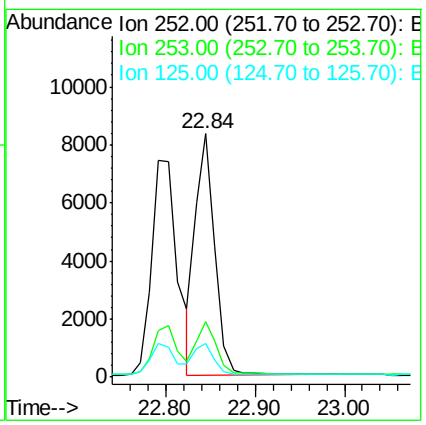


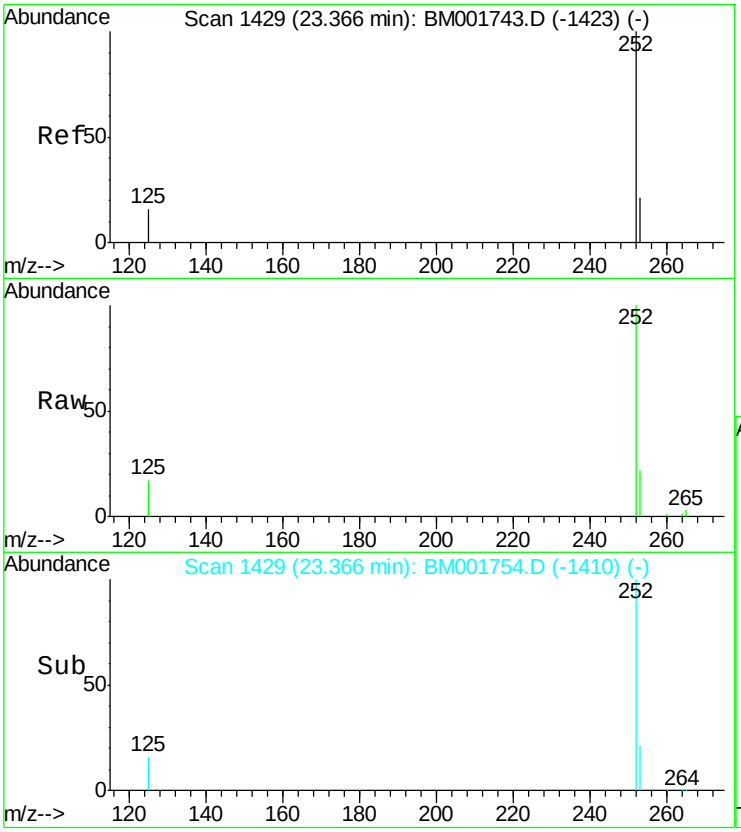


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:252 Resp: 12563

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	14.0	11.8	17.6



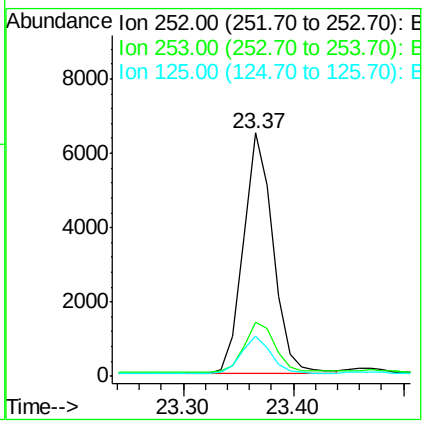


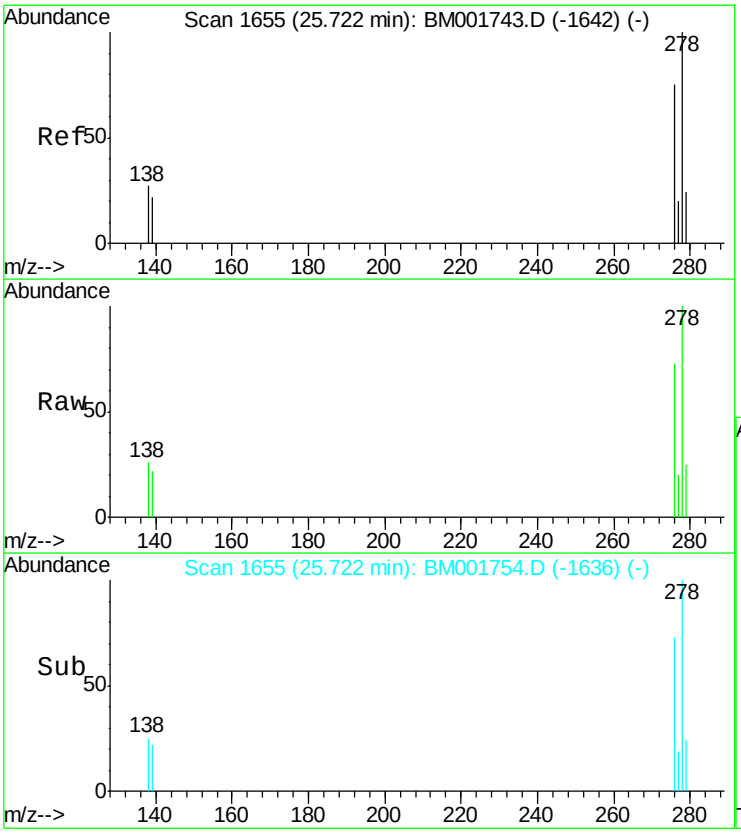
#35
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.37 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 12120

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	16.7	14.1	21.1

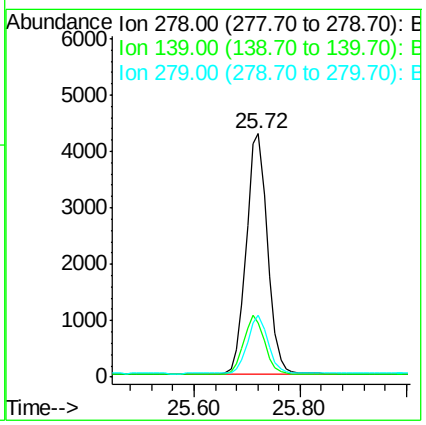


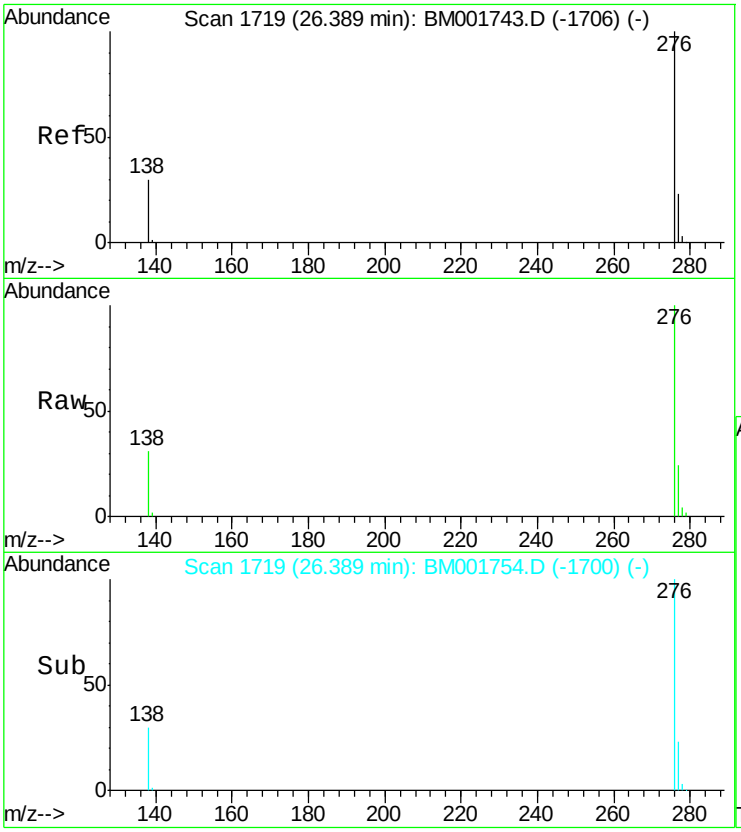


#36
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Tgt Ion:278 Resp: 11893

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.4	27.6
279	25.2	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001754.D
Acq: 19 Jun 2015 10:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 12523

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	30.7	24.7	37.1