Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001572.D
Acq On : 05 Jun 2015 19:01
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Jun 06 01:20:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	26605	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	94440	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	45170	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	78769	5.00	ng		0.00
25) Chrysene-d12	21.28	240	70388	5.00	ng		0.00
32) Perylene-d12	23.52	264	62672	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	4596	0.77	ng		0.00
5) Phenol-d6	6.86	99	5603	0.76	ng		0.00
7) Nitrobenzene-d5	8.86	82	4966	0.75	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	1427	0.76	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	11028	0.82	ng		0.00
27) Terphenyl-d14	19.72	244	6995	0.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	2086	0.75	ng		99
3) n-Nitrosodimethylamine	3.52	42	3216	0.78	ng		99
8) Nitrobenzene	8.90	77	5304	0.76	ng		100
9) Naphthalene	10.52	128	16091	0.81	ng		99
10) Hexachlorobutadiene	10.82	225	2838	0.83	ng		100
11) 2-Methylnaphthalene	12.15	142	10018	0.80	ng		99
15) Acenaphthylene	14.06	152	15172	0.78	ng		100
16) Acenaphthene	14.41	154	9646	0.81	ng		100
17) Fluorene	15.39	166	6359	0.68	ng	#	100
19) 4-Bromophenyl-phenylether	16.27	248	4148	1.25	ng		98
20) Hexachlorobenzene	16.38	284	1916	1.11	ng	#	73
21) Pentachlorophenol	16.75	266	744	0.81	ng		98
22) Phenanthrene	17.12	178	21803	0.93	ng		100
23) Anthracene	17.12	178	29790	2.82	ng	#	49
24) Fluoranthene	19.15	202	16521	0.99	ng		100
26) Pyrene	19.52	202	17295	0.80	ng		100
28) Benzo(a)anthracene	21.27	228	14879	0.76	ng	#	86
29) Chrysene	21.31	228	14820	0.84	ng		97
30) Bis(2-ethylhexyl)phthalate	21.19	149	7903	0.57	ng		100
31) Indeno(1,2,3-cd)pyrene	25.77	276	15337	0.79	ng		99
33) Benzo(b)fluoranthene	22.84	252	14544	0.84	ng		97
34) Benzo(k)fluoranthene	22.89	252	12916	0.79	ng		98
35) Benzo(a)pyrene	23.42	252	12472	0.79	ng		98
36) Dibenzo(a,h)anthracene	25.79	278	12139	0.83	ng		99
37) Benzo(g,h,i)perylene	26.46	276	12758	0.83	ng		98

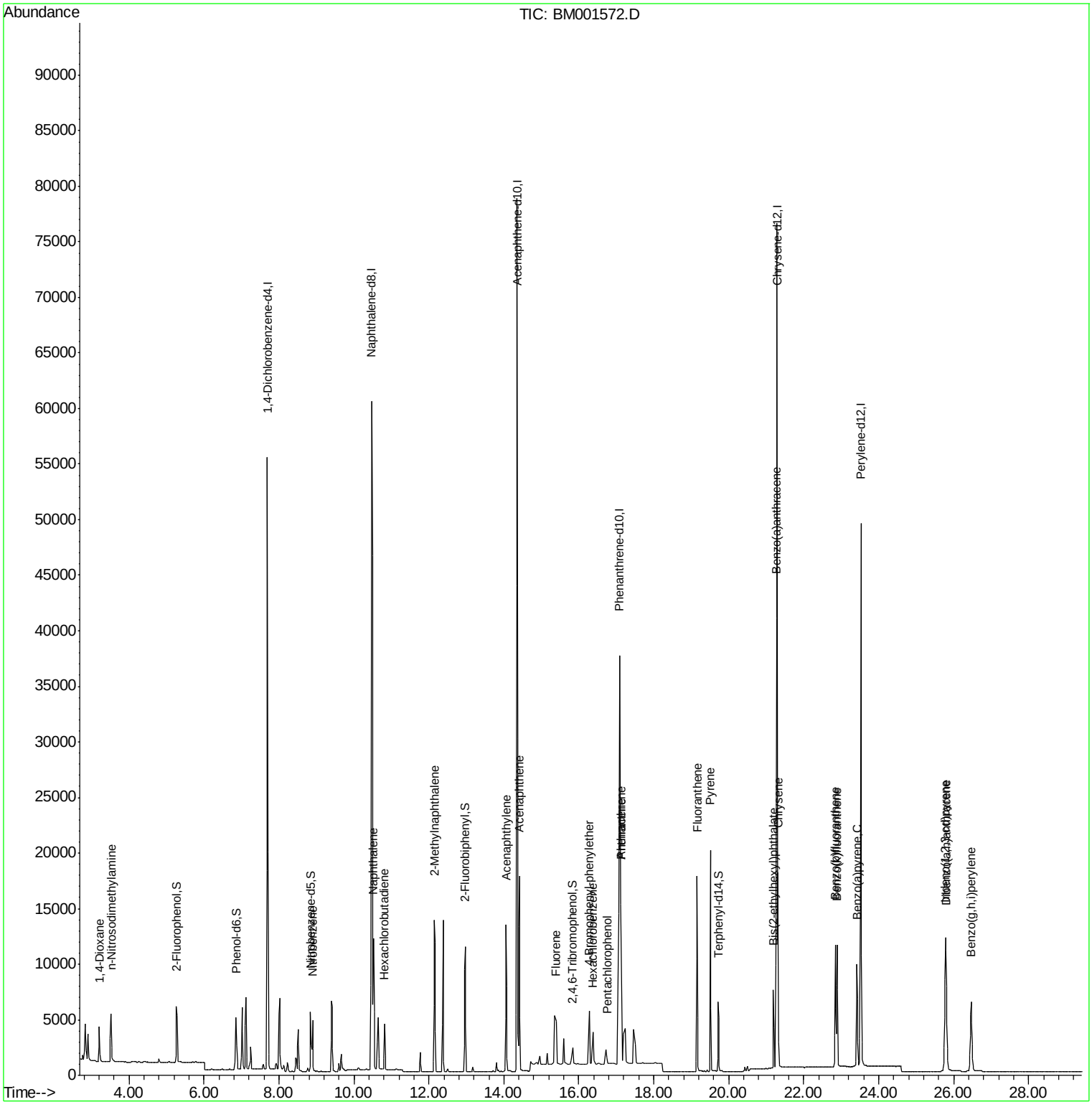
(#) = qualifier out of range (m) = manual integration (+) = signals summed

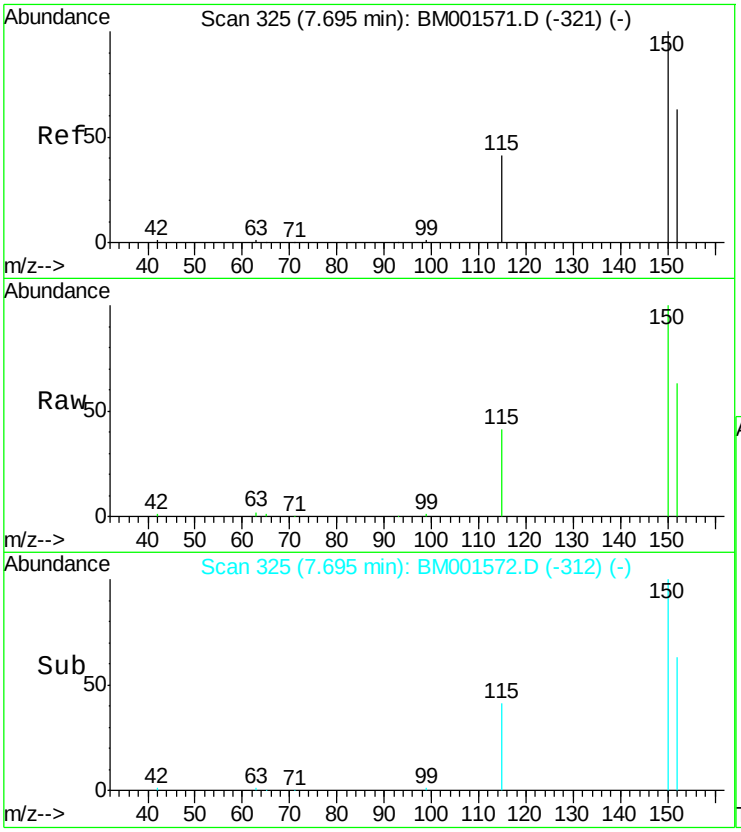
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001572.D
Acq On : 05 Jun 2015 19:01
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 06 01:20:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration



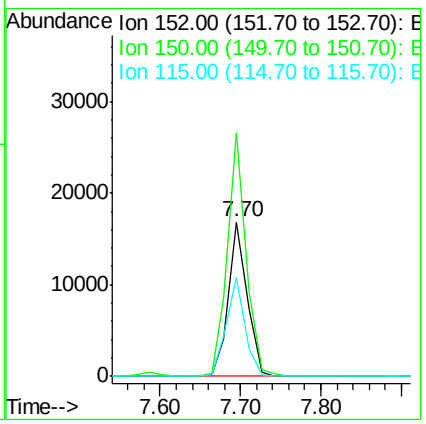


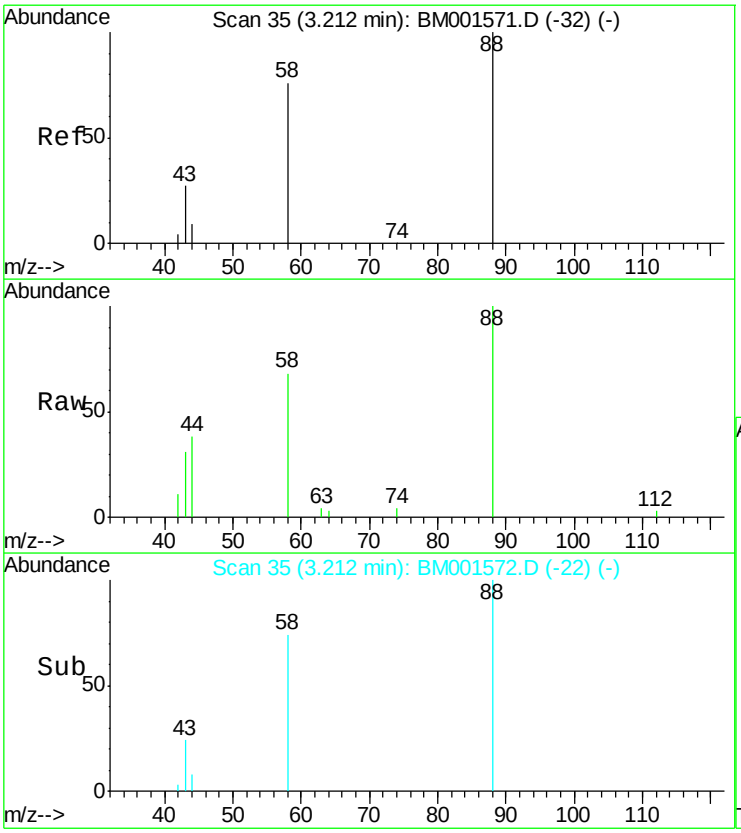
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 26605

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	190.0
115	64.4	51.6	77.4

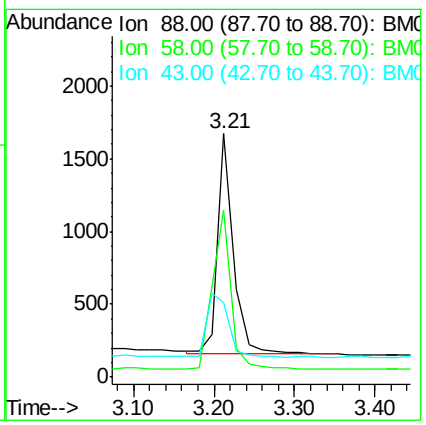


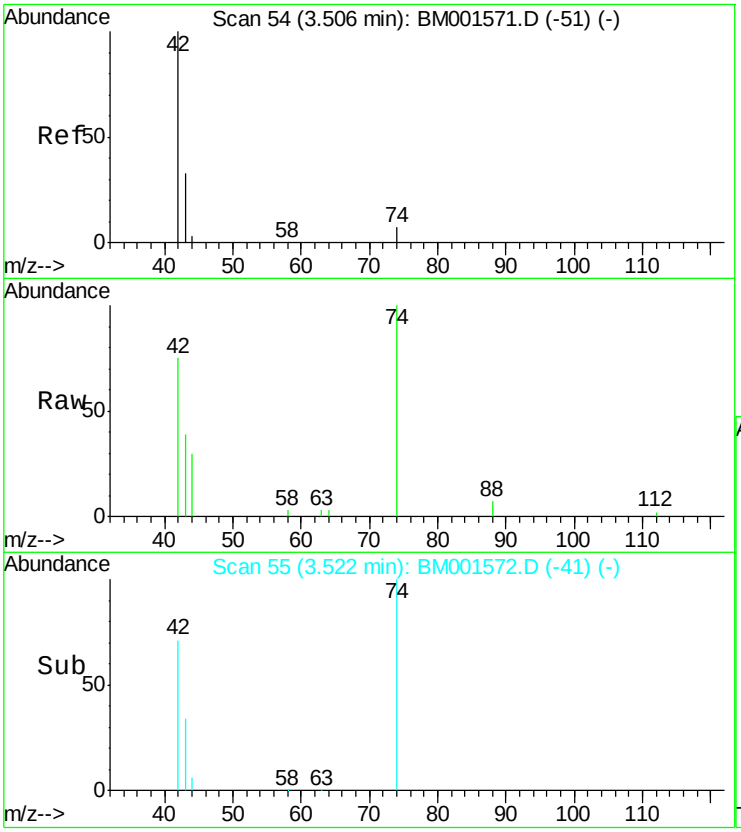


#2
1,4-Dioxane
Concen: 0.75 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion: 88 Resp: 2086

Ion	Ratio	Lower	Upper
88	100		
58	82.2	66.1	99.1
43	39.4	32.3	48.5



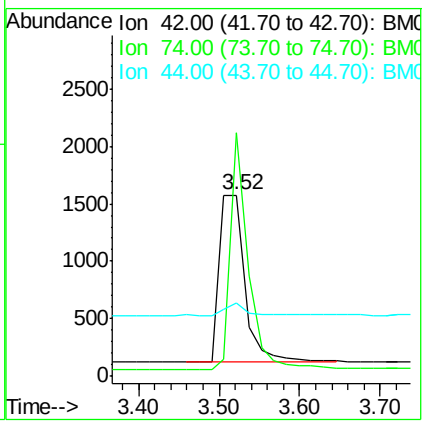


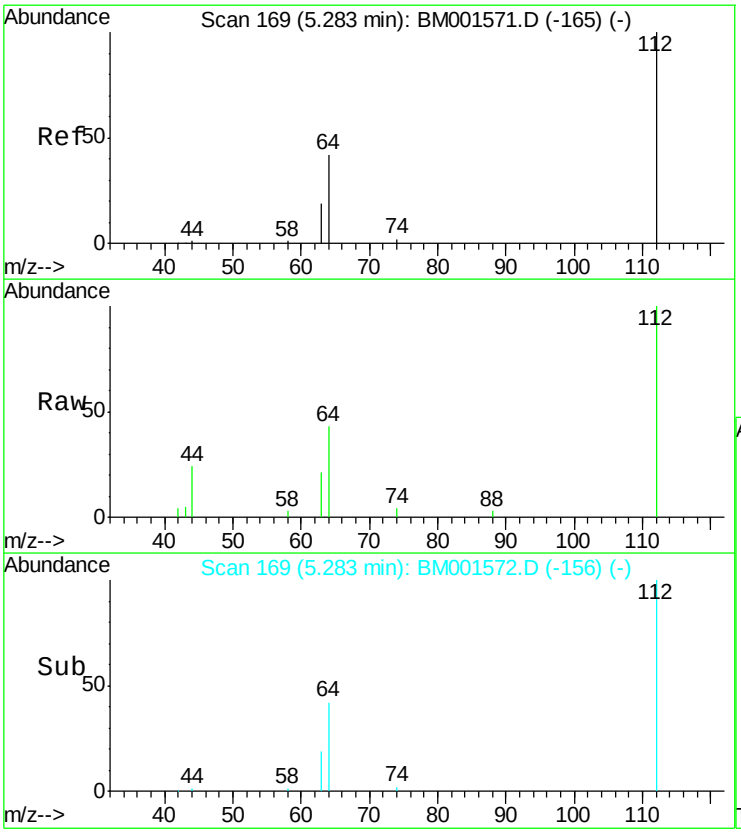
#3
n-Nitrosodimethylamine
Concen: 0.78 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3216

Ion	Ratio	Lower	Upper
42	100		
74	97.0	77.2	115.8
44	8.2	7.4	11.2

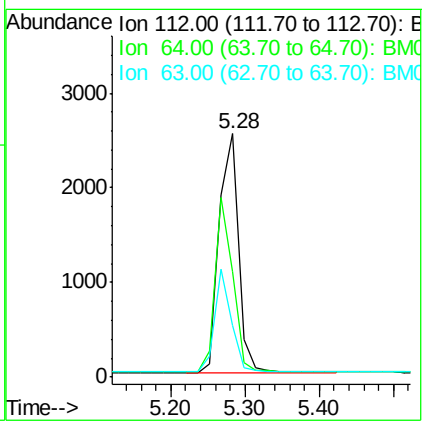


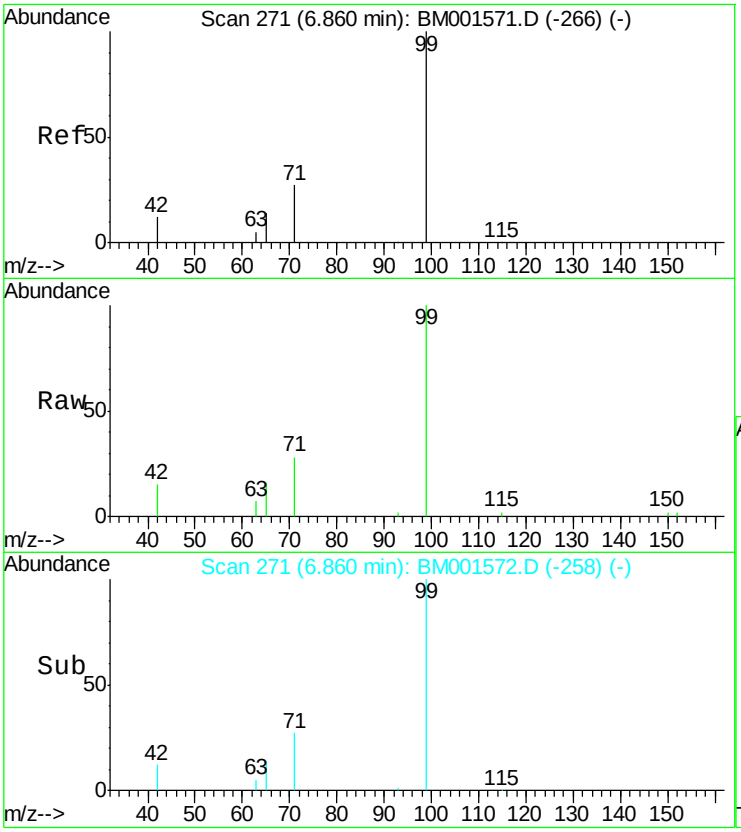


#4
2-Fluorophenol
Concen: 0.77 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:112 Resp: 4596

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.3	79.9
63	36.9	29.7	44.5



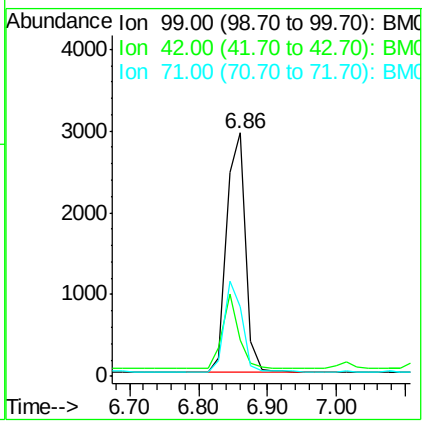


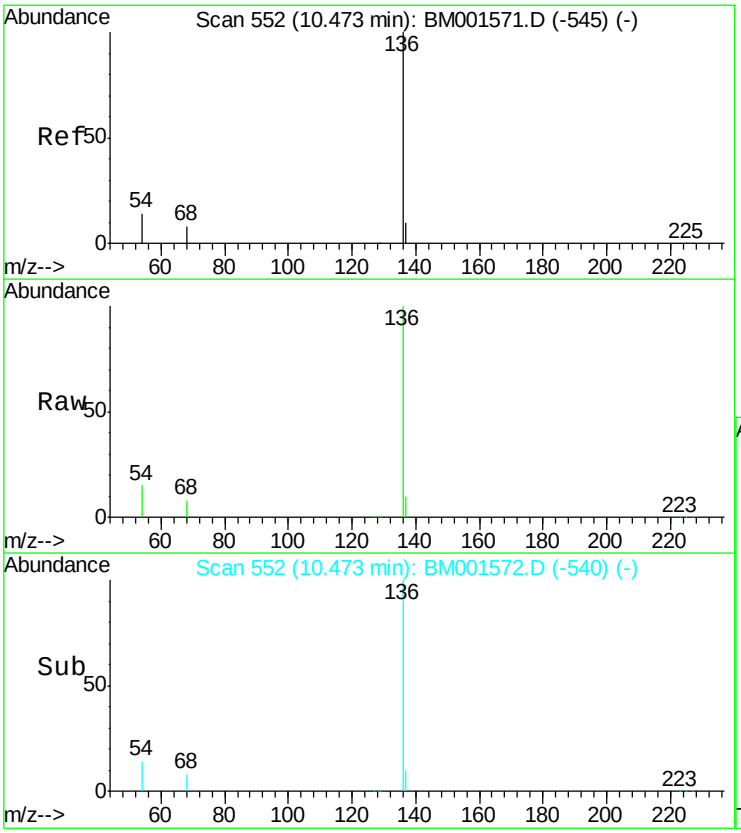
#5
Phenol-d6
Concen: 0.76 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 5603

Ion	Ratio	Lower	Upper
99	100		
42	27.2	21.4	32.2
71	35.8	29.0	43.4

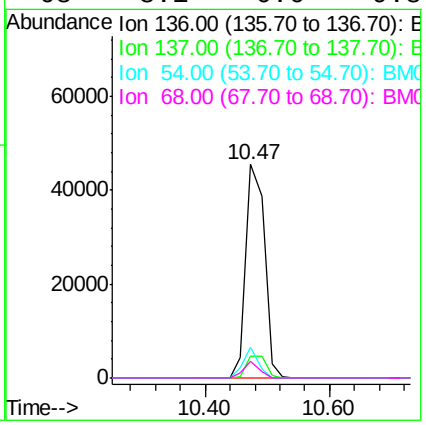


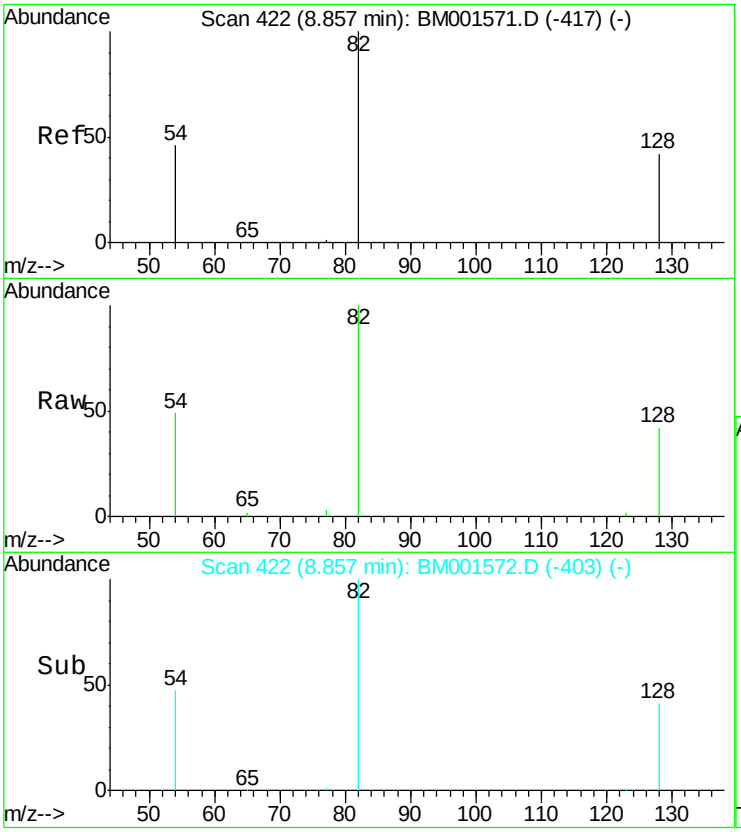


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:136 Resp: 94440

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	14.5	11.7	17.5
68	8.1	6.6	9.8



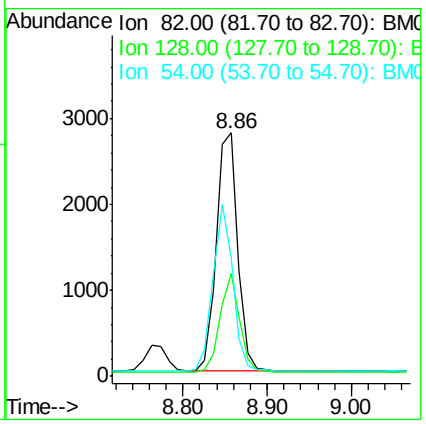


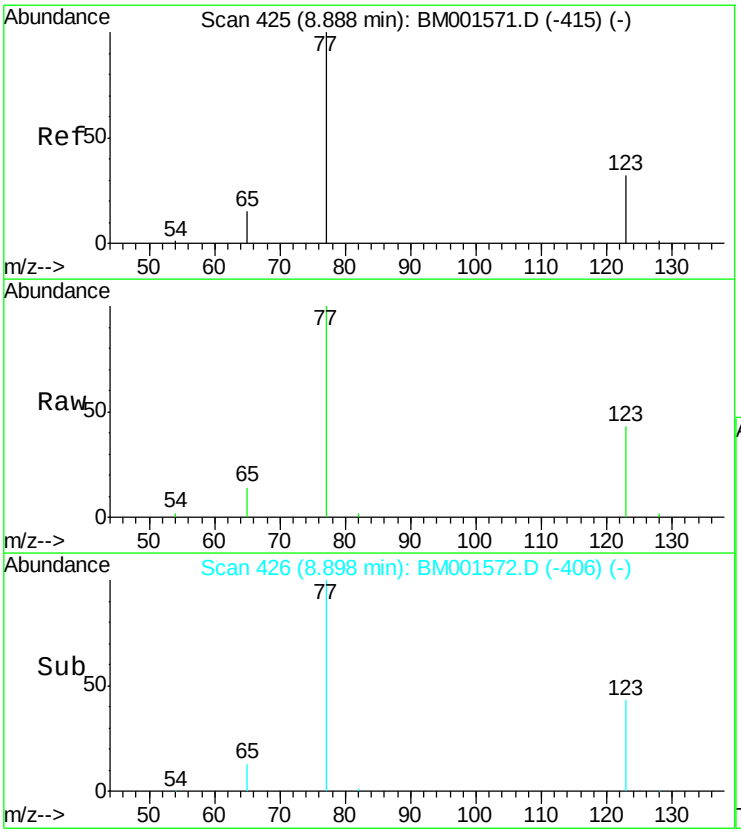
#7
Nitrobenzene-d5
Concen: 0.75 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 82 Resp: 4966

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.1	51.1
54	48.6	37.8	56.6

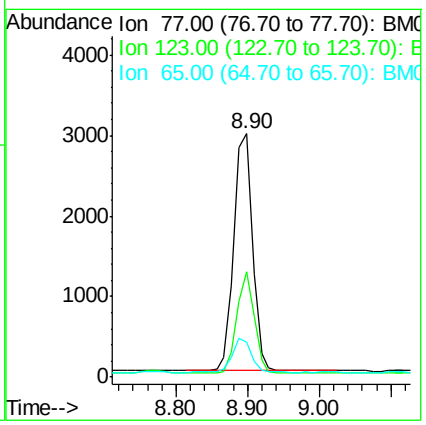


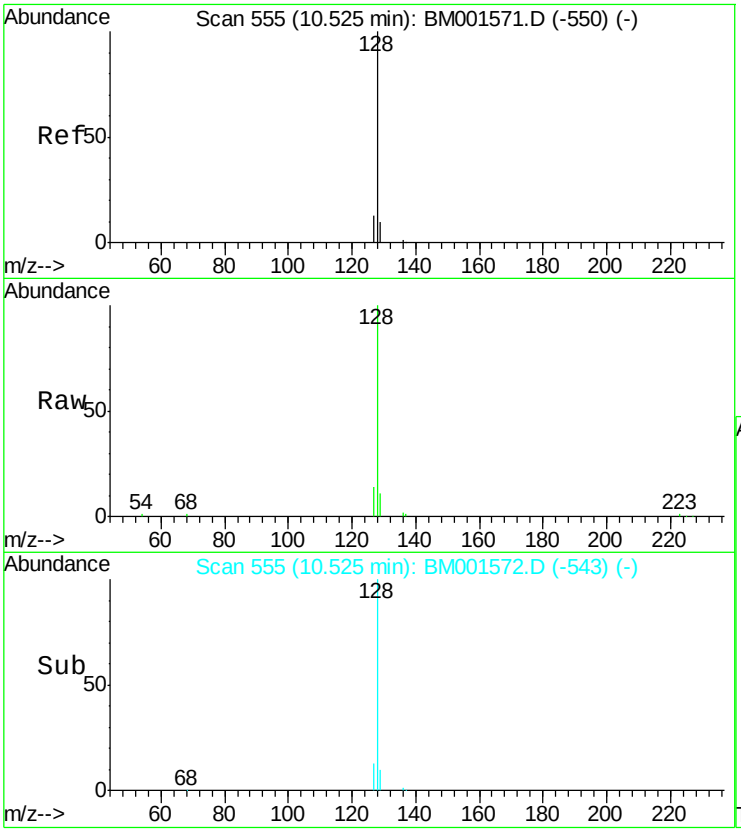


#8
Nitrobenzene
Concen: 0.76 ng
RT: 8.90 min Scan# 426
Delta R.T. 0.01 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion: 77 Resp: 5304

Ion	Ratio	Lower	Upper
77	100		
123	39.5	31.7	47.5
65	14.0	11.4	17.0



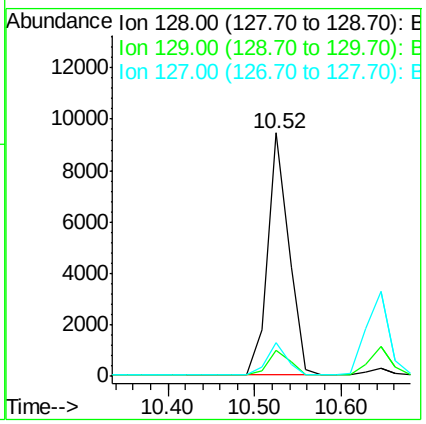


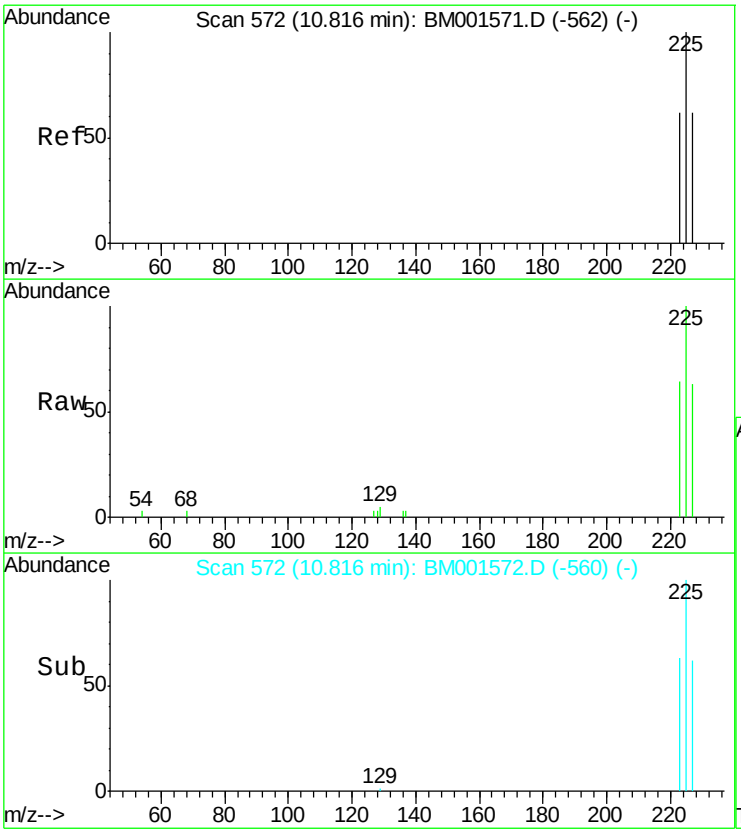
#9
Naphthalene
Concen: 0.81 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 16091

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.8	10.7	16.1

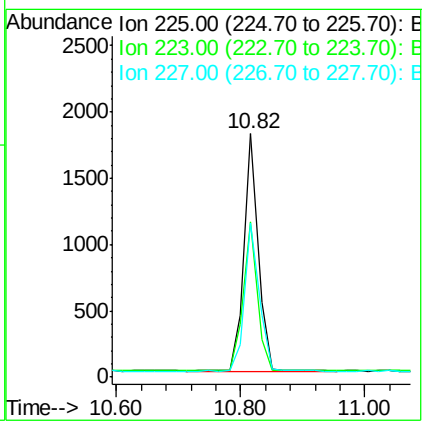


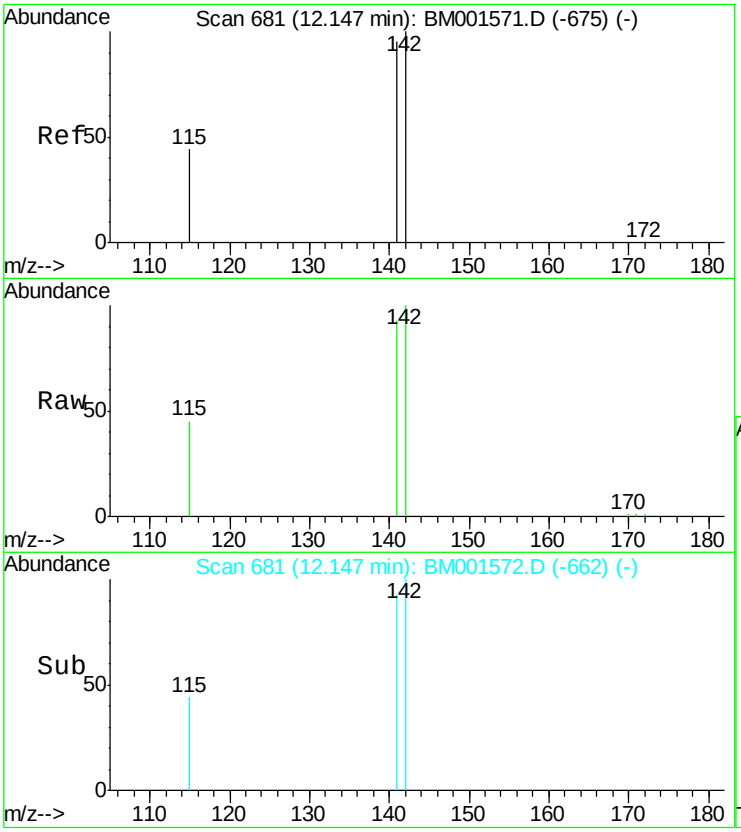


#10
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:225 Resp: 2838

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	63.6	50.8	76.2



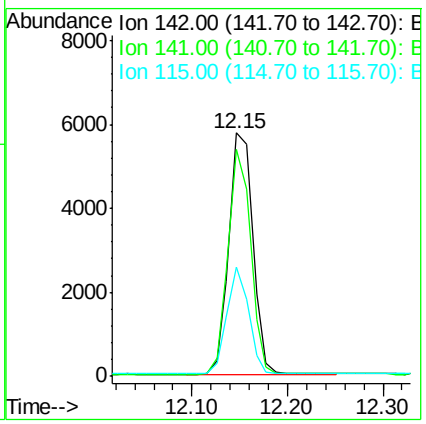


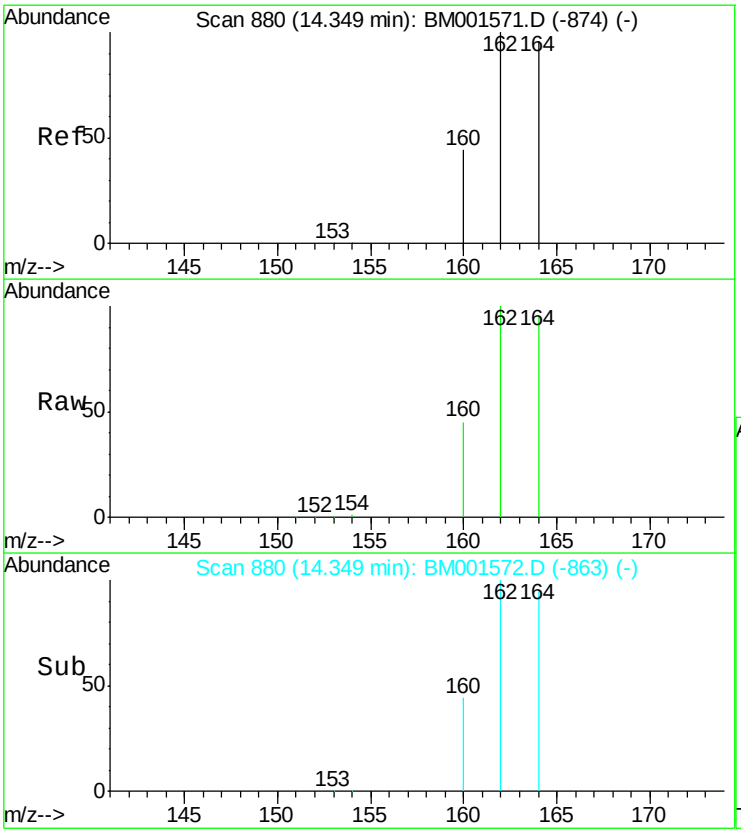
#11
2-Methylnaphthalene
Concen: 0.80 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 10018

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.6	113.4
115	44.6	35.5	53.3

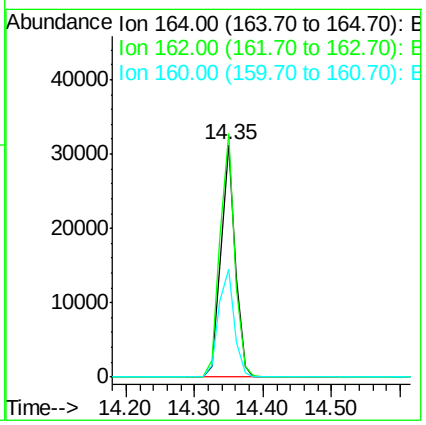


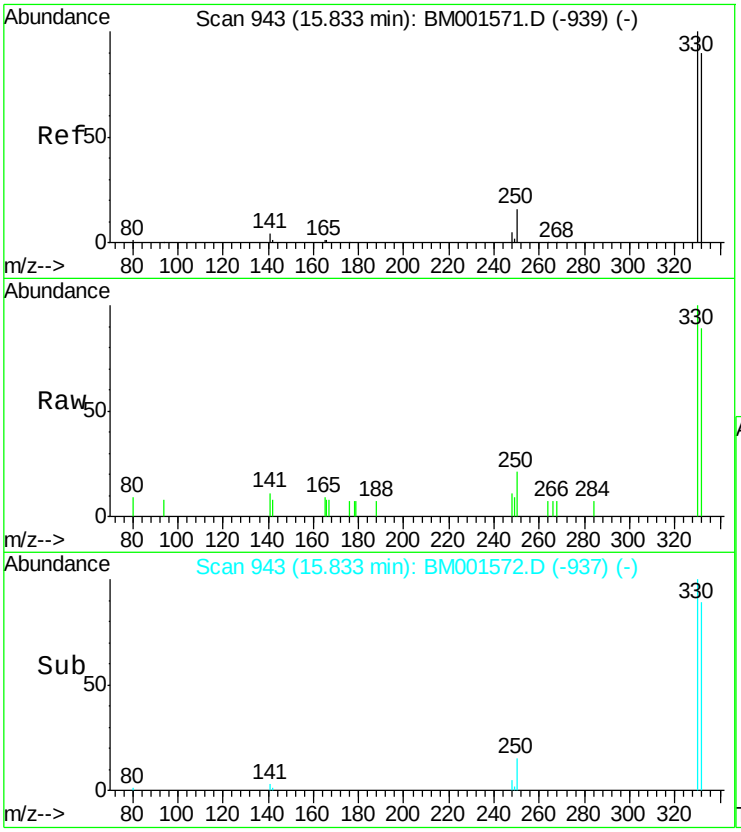


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:164 Resp: 45170

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.8	125.6
160	46.7	37.1	55.7



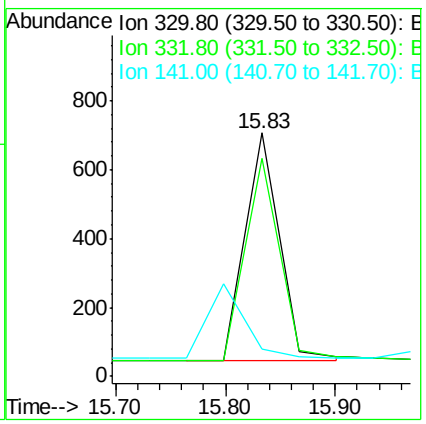


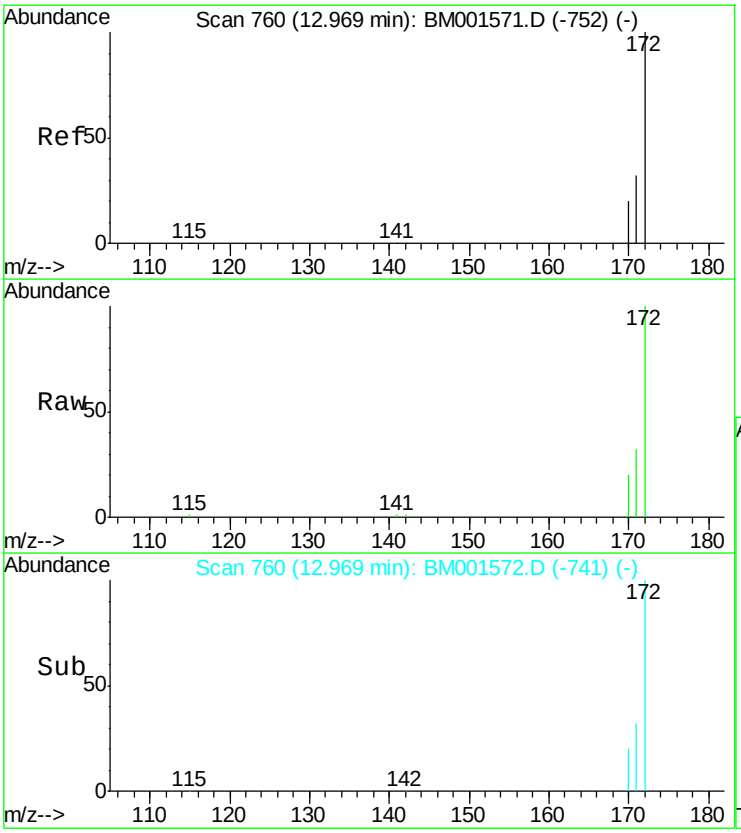
#13
2,4,6-Tribromophenol
Concen: 0.76 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 1427

Ion	Ratio	Lower	Upper
330	100		
332	89.4	72.0	108.0
141	0.0	0.0	0.0

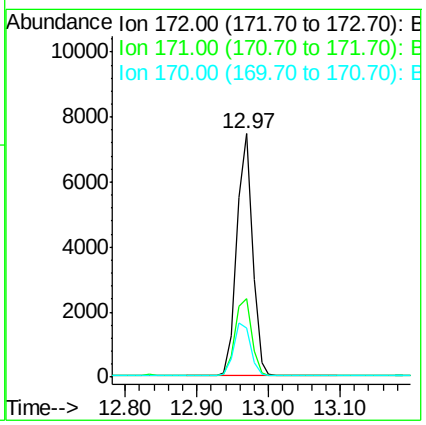


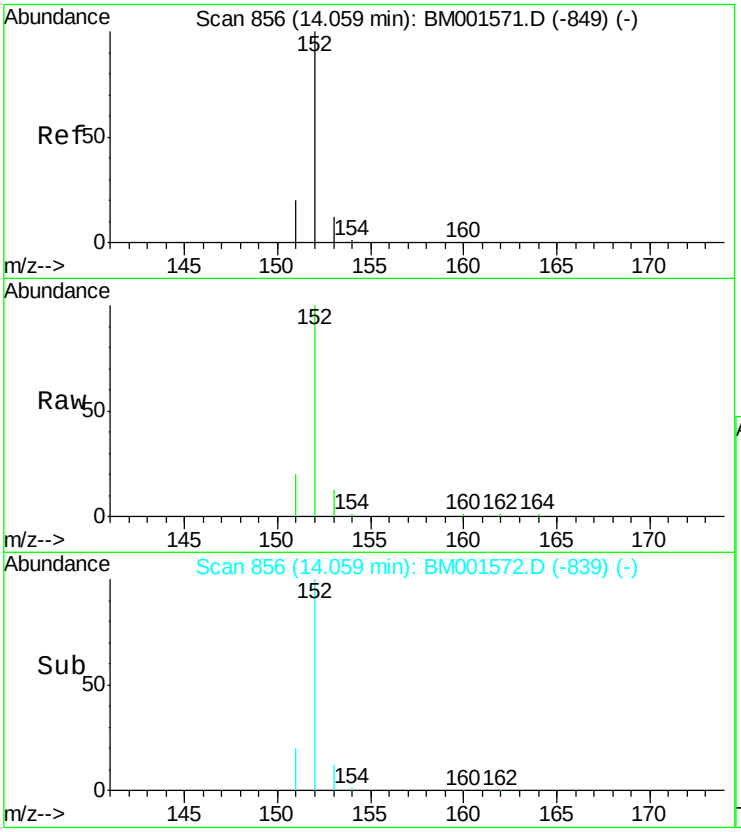


#14
2-Fluorobiphenyl
Concen: 0.82 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:172 Resp: 11028

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.2	39.2
170	20.1	16.1	24.1



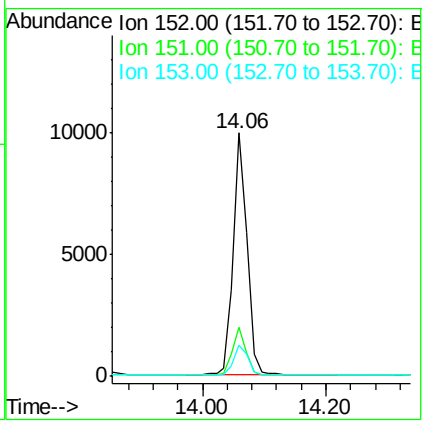


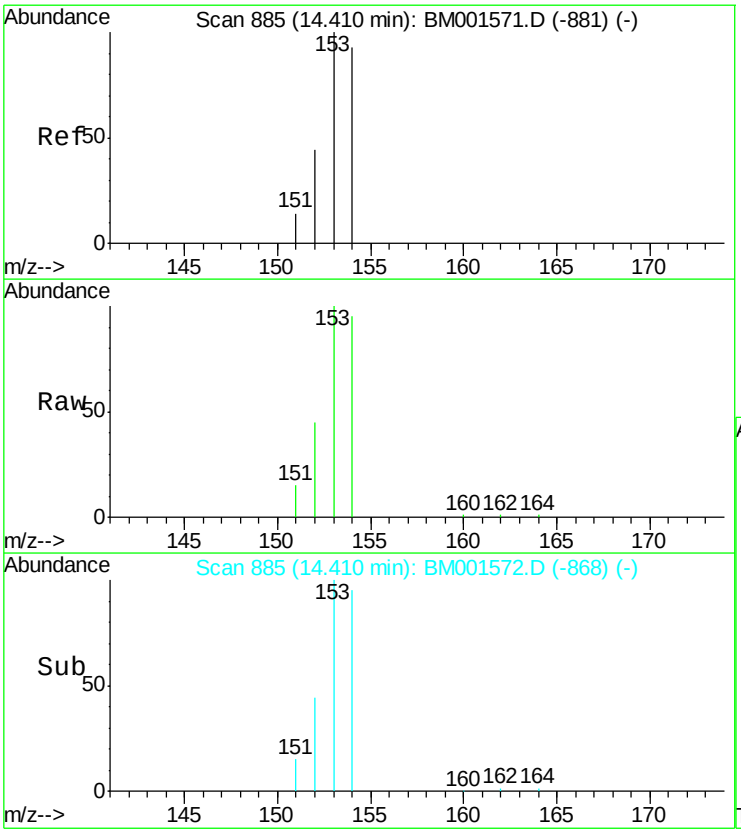
#15
Acenaphthylene
Concen: 0.78 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 15172

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	12.9	10.3	15.5

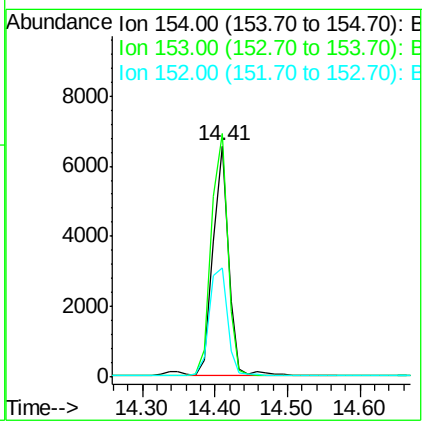


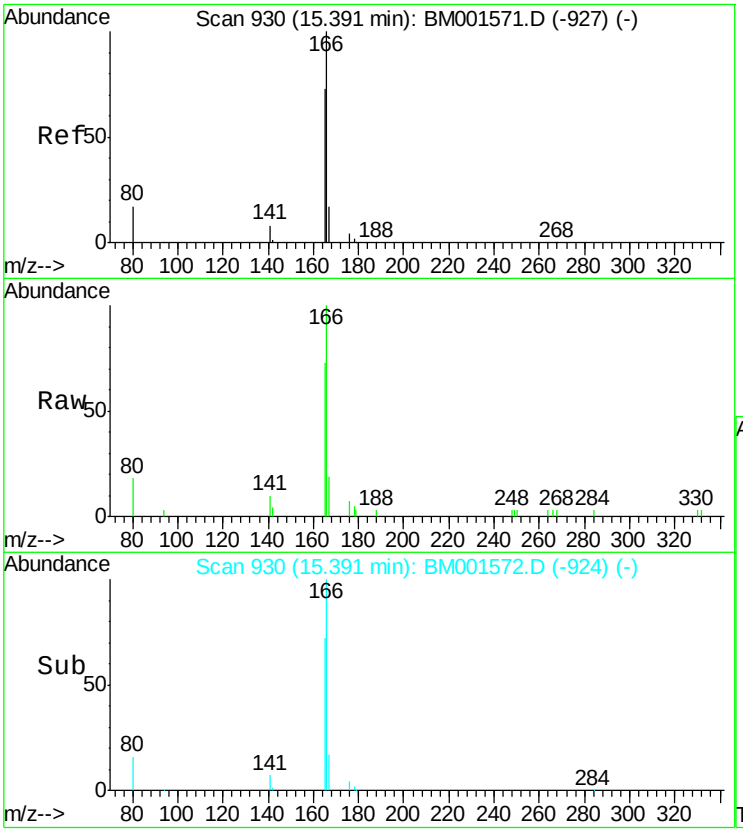


#16
Acenaphthene
Concen: 0.81 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:154 Resp: 9646

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.1	133.7
152	53.9	43.2	64.8



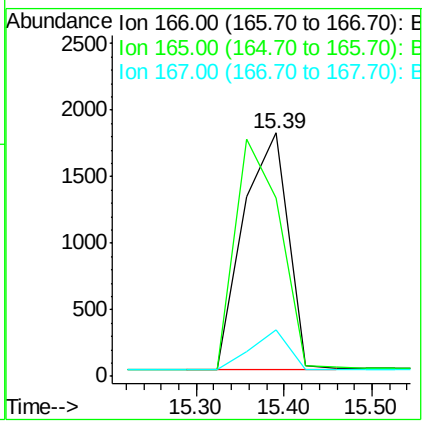


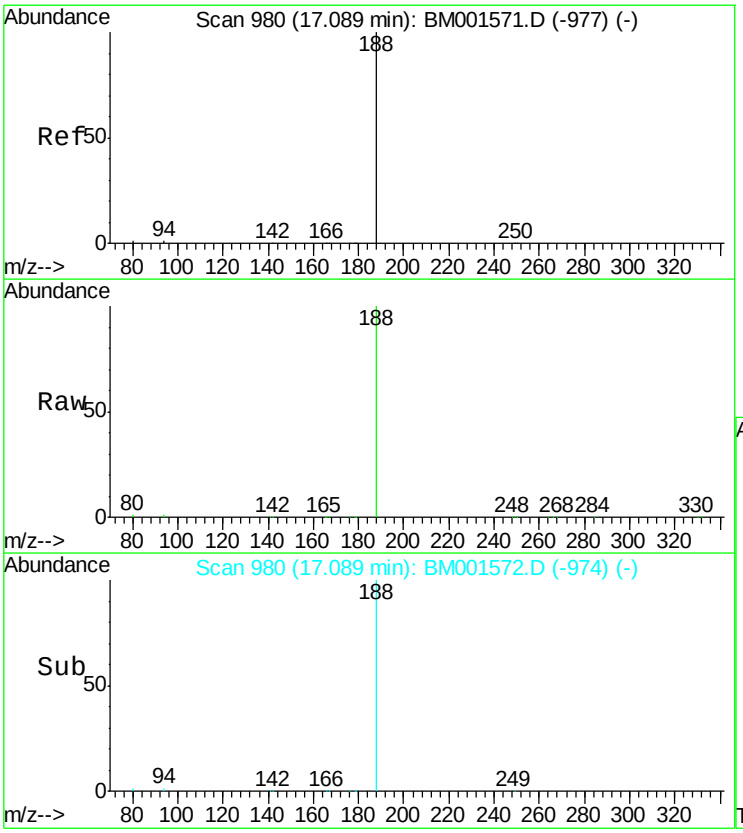
#17
Fluorene
Concen: 0.68 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 6359

Ion	Ratio	Lower	Upper
166	100		
165	0.0	0.0	0.0
167	14.1	11.3	16.9

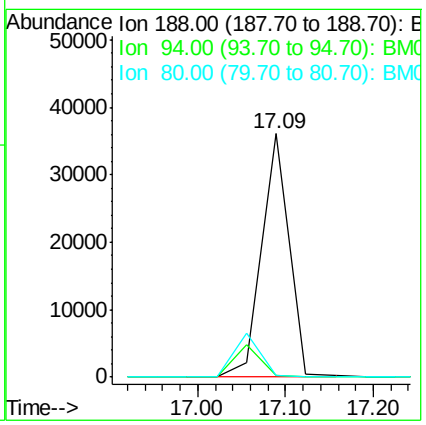


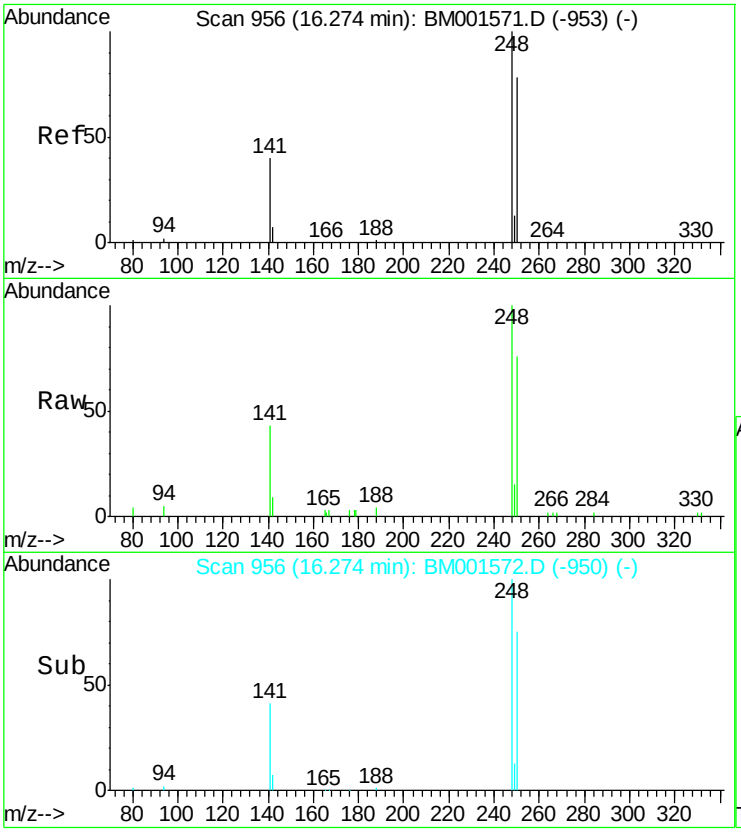


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:188 Resp: 78769

Ion	Ratio	Lower	Upper
188	100		
94	0.9	0.7	1.1
80	0.8	0.6	1.0



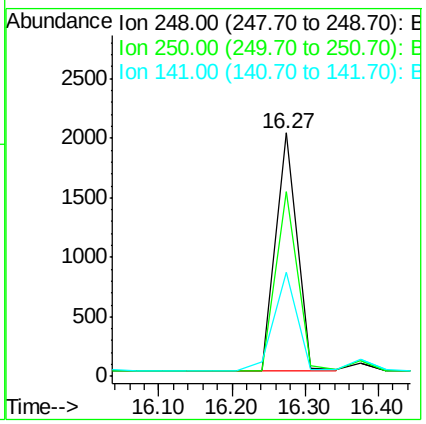


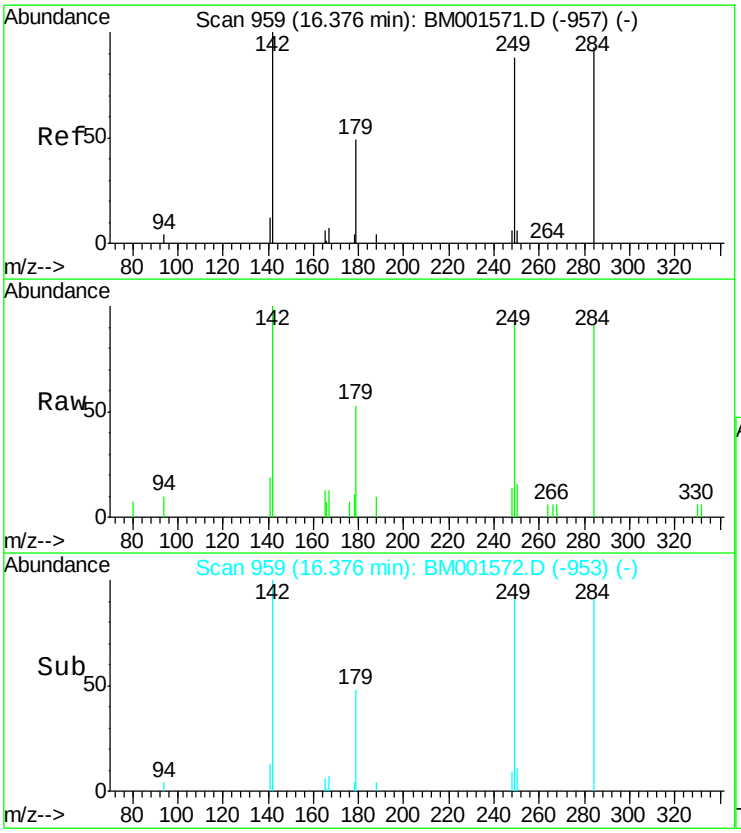
#19
4-Bromophenyl-phenylether
Concen: 1.25 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 4148

Ion	Ratio	Lower	Upper
248	100		
250	76.3	63.1	94.7
141	44.3	35.0	52.6

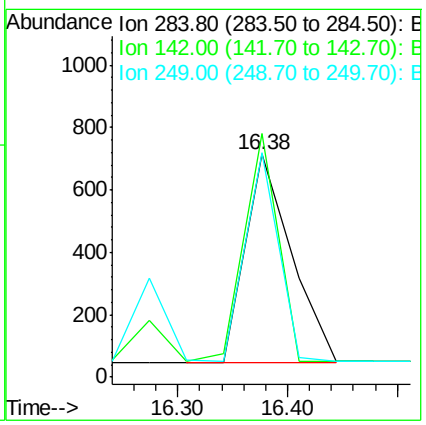


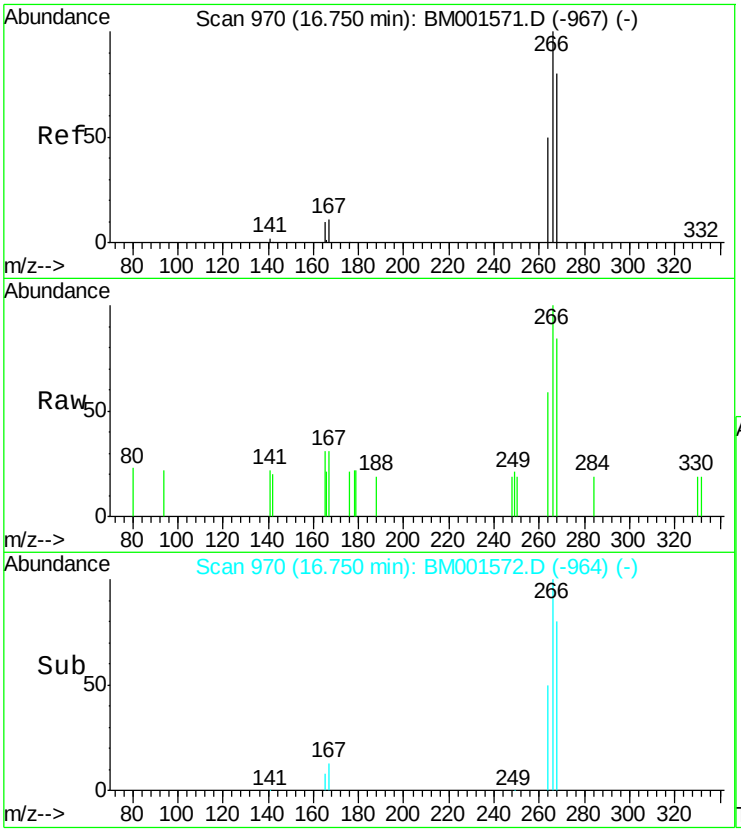


#20
Hexachlorobenzene
Concen: 1.11 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:284 Resp: 1916

Ion	Ratio	Lower	Upper
284	100		
142	94.3	64.2	96.2
249	101.3	55.4	83.0#



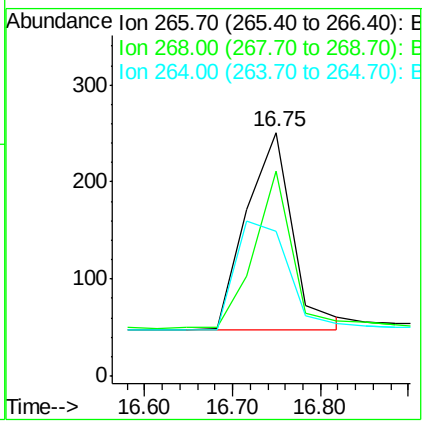


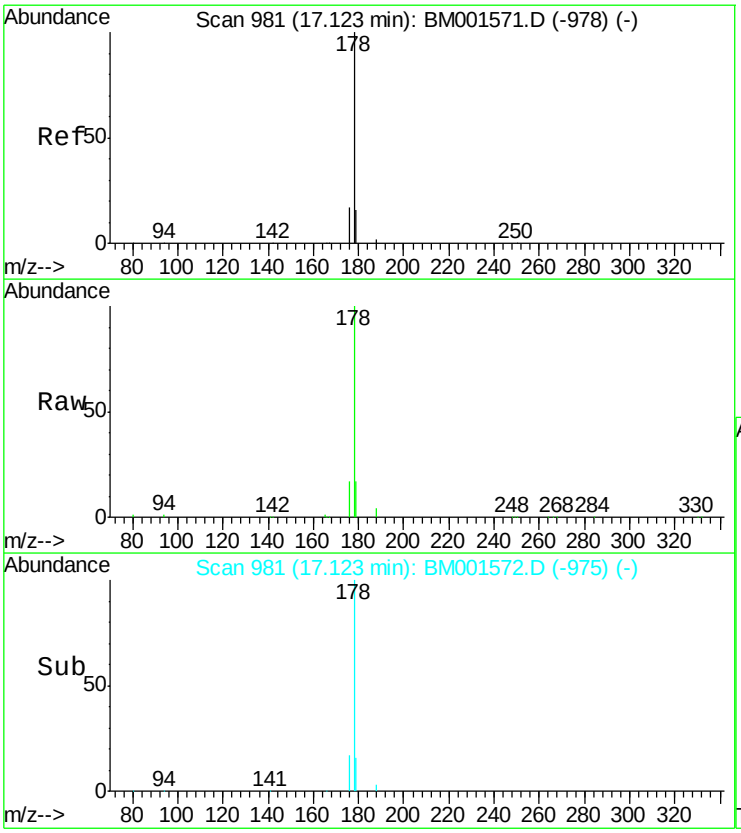
#21
Pentachlorophenol
Concen: 0.81 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:266 Resp: 744

Ion	Ratio	Lower	Upper
266	100		
268	84.1	66.3	99.5
264	59.4	45.5	68.3

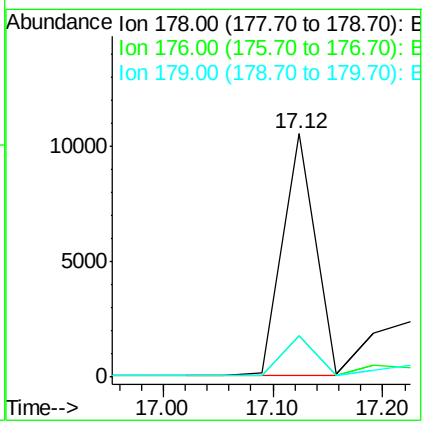


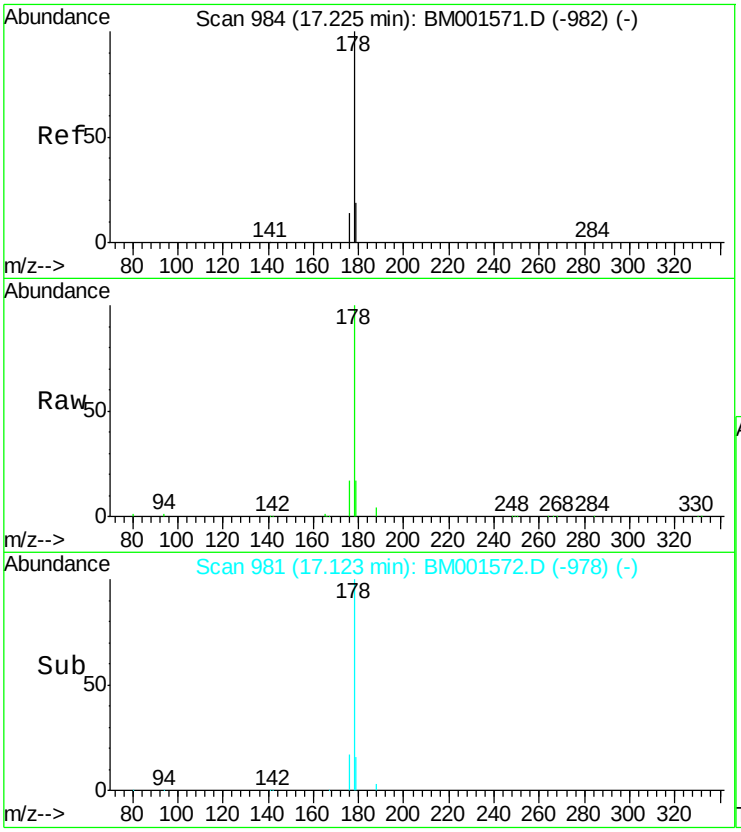


#22
Phenanthrene
Concen: 0.93 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:178 Resp: 21803

Ion	Ratio	Lower	Upper
178	100		
176	17.0	13.5	20.3
179	16.6	13.3	19.9



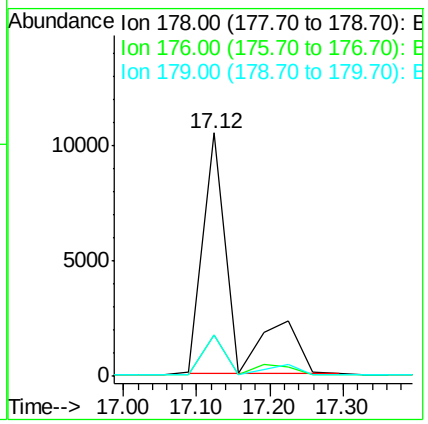


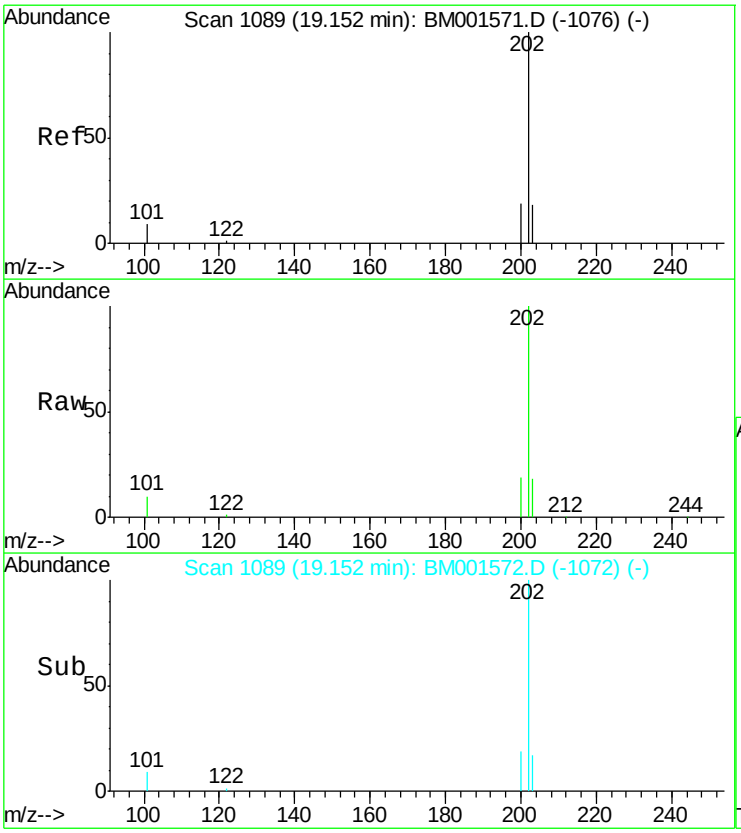
#23
Anthracene
Concen: 2.82 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.10 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 29790

Ion	Ratio	Lower	Upper
178	100		
176	17.4	45.9	68.9#
179	12.4	33.3	49.9#

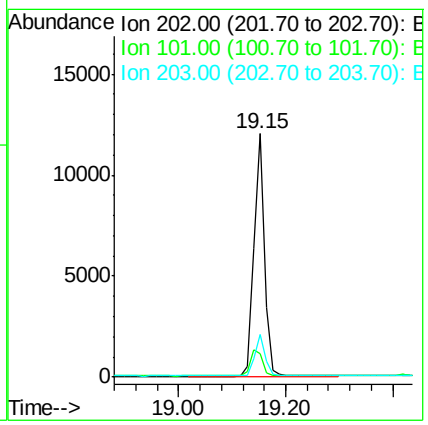


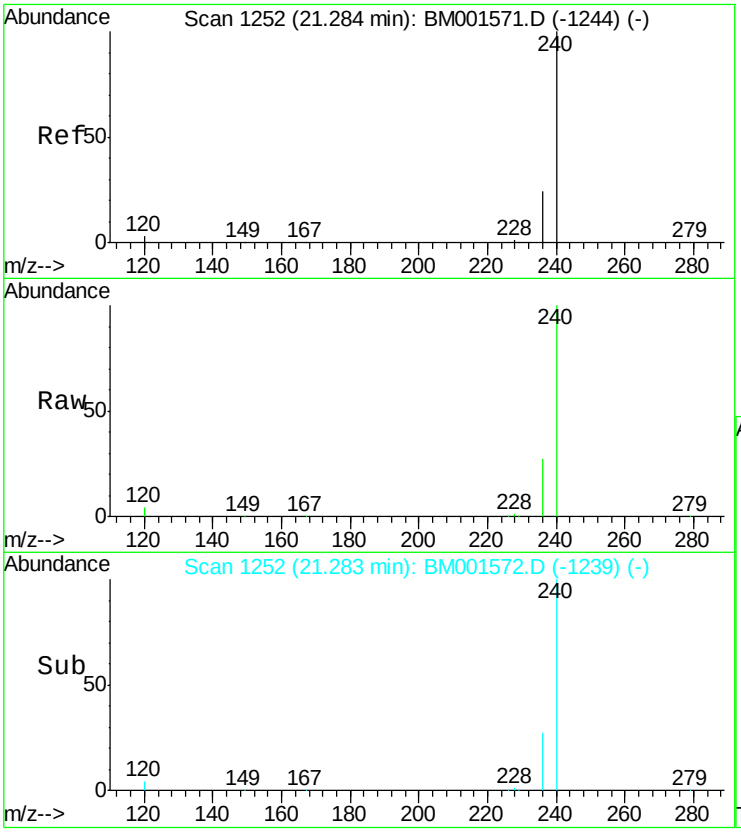


#24
Fluoranthene
Concen: 0.99 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:202 Resp: 16521

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
203	17.1	13.9	20.9



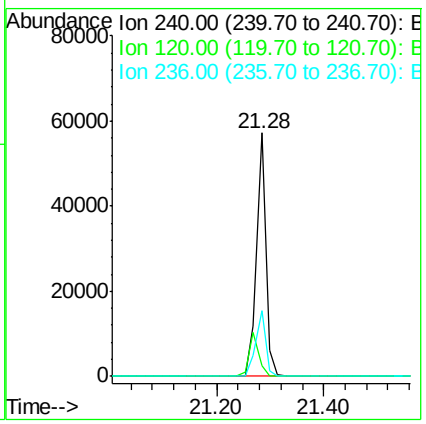


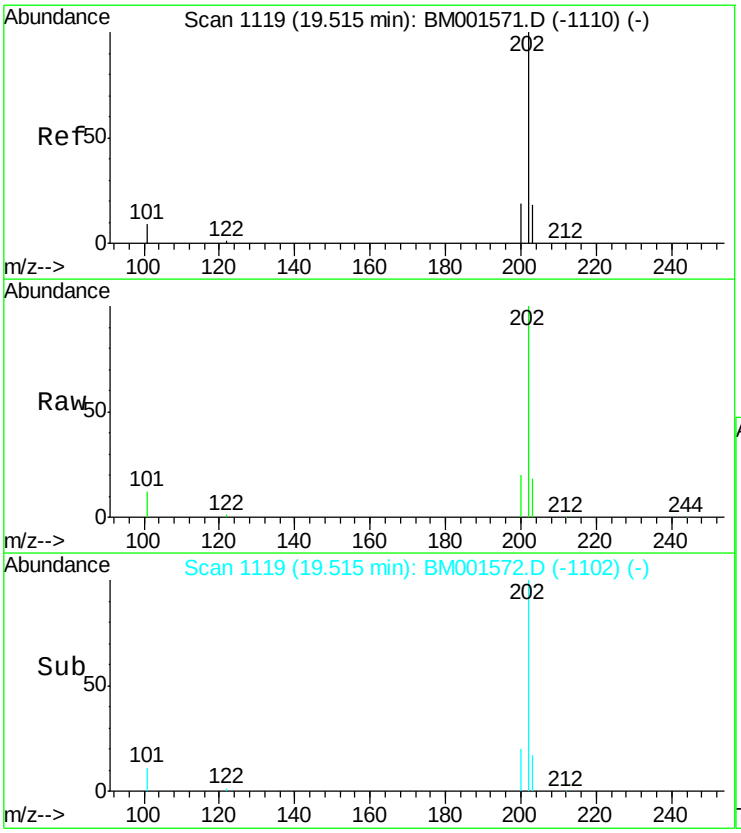
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 70388

Ion	Ratio	Lower	Upper
240	100		
120	4.5	2.2	3.2#
236	26.8	19.5	29.3

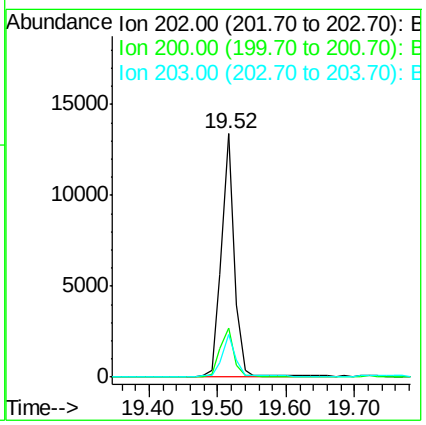


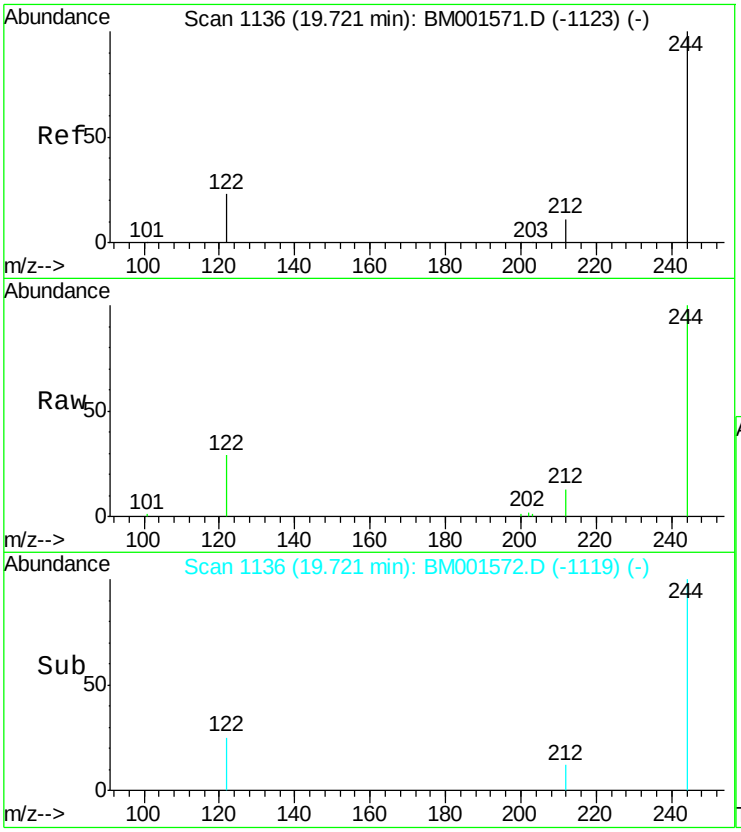


#26
Pyrene
Concen: 0.80 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:202 Resp: 17295

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.5	13.9	20.9



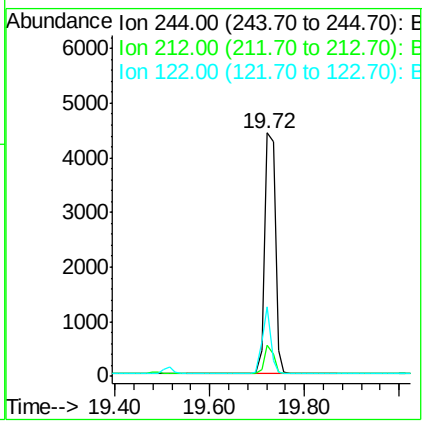


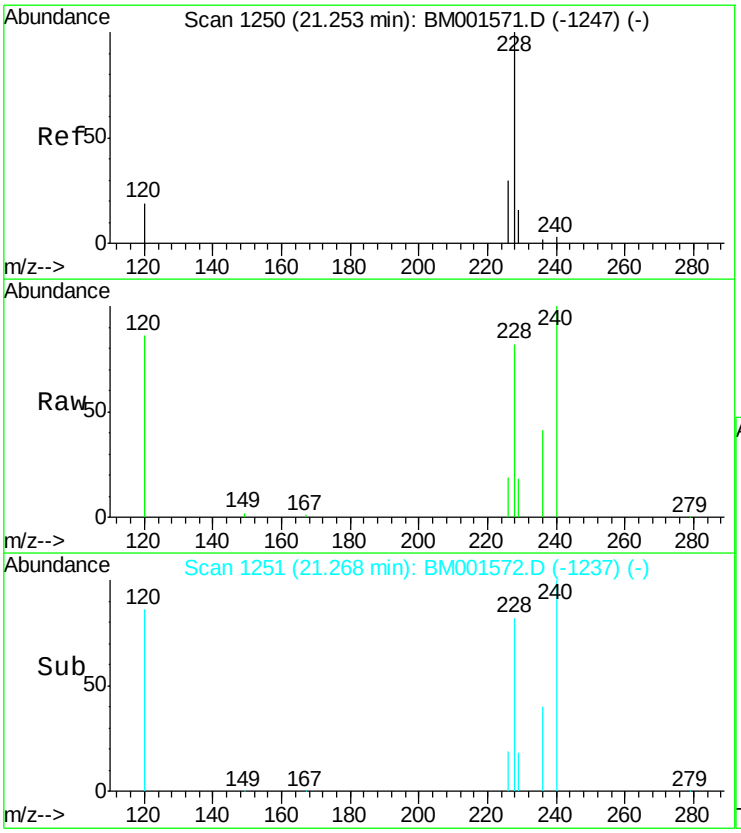
#27
Terphenyl-d14
Concen: 0.80 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 6995

Ion	Ratio	Lower	Upper
244	100		
212	12.6	9.6	14.4
122	28.8	19.0	28.4#

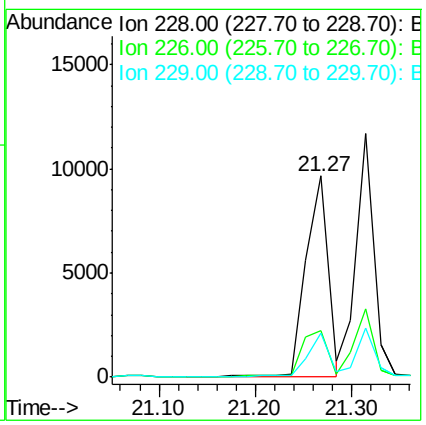


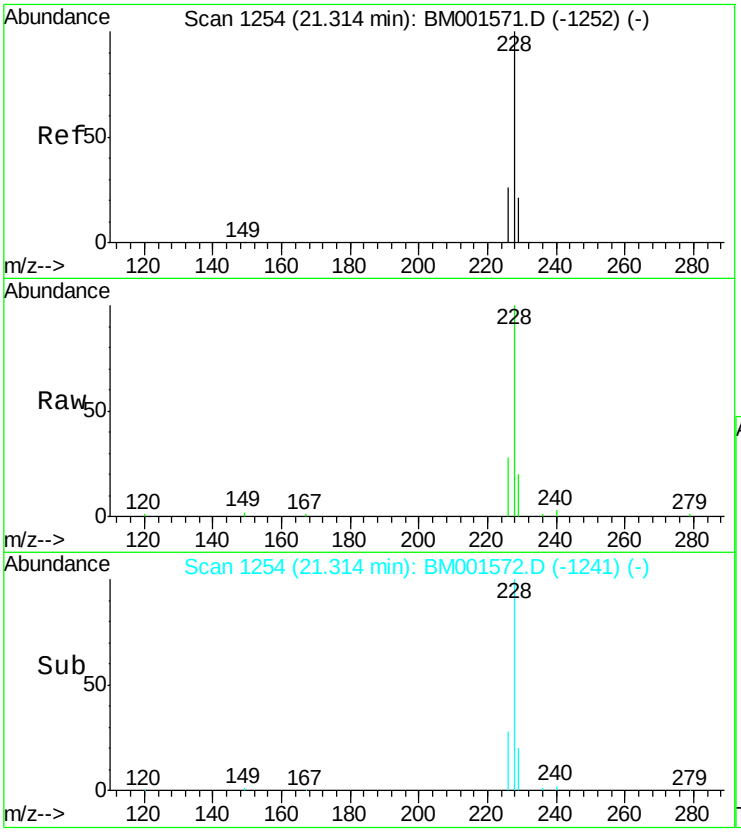


#28
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:228 Resp: 14879

Ion	Ratio	Lower	Upper
228	100		
226	23.1	24.8	37.2#
229	22.1	13.4	20.0#



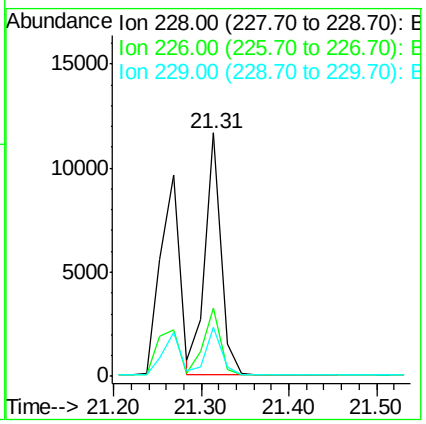


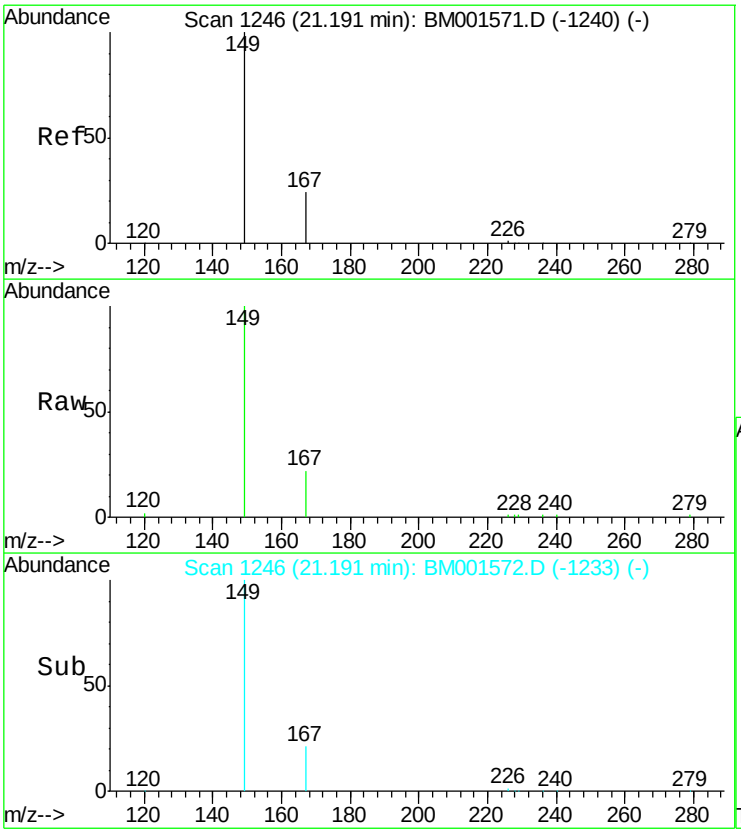
#29
Chrysene
Concen: 0.84 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 14820

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.0	31.6
229	20.3	17.2	25.8

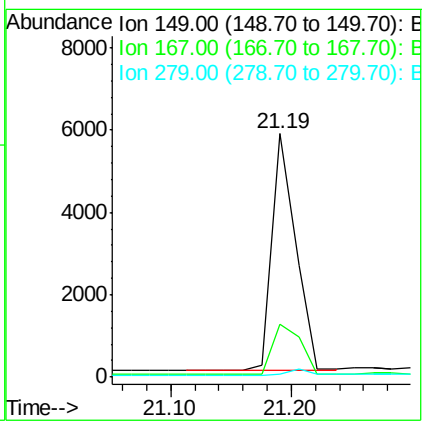


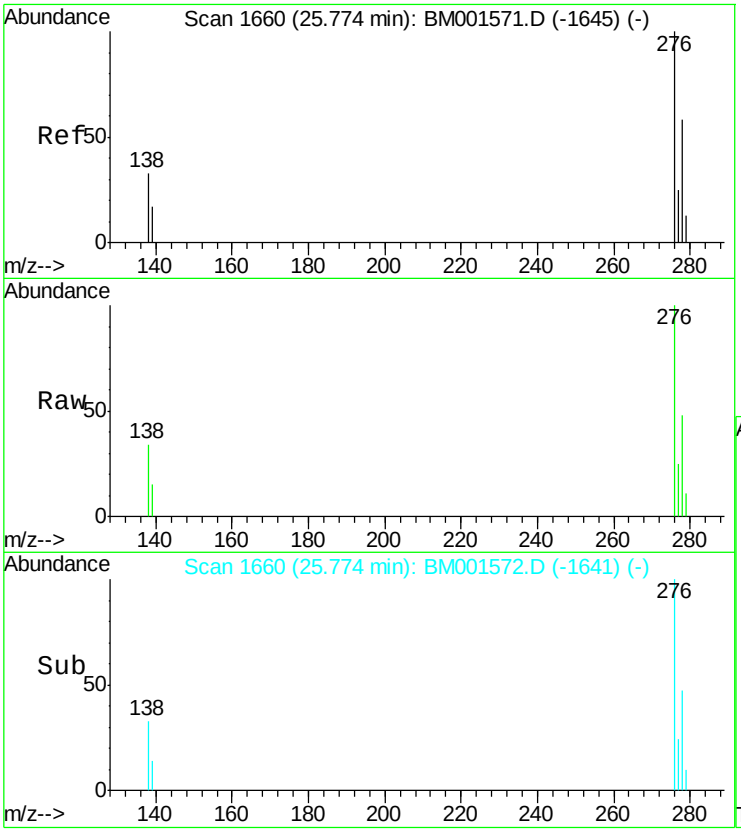


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.57 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:149 Resp: 7903

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.2	30.2
279	2.1	1.8	2.6



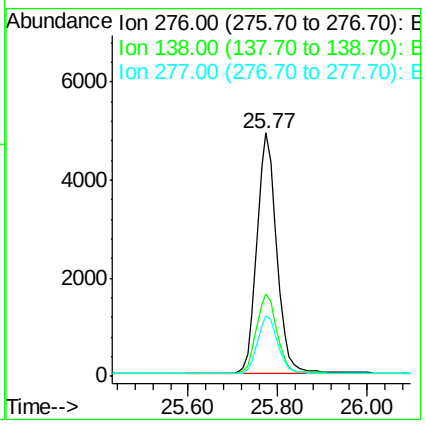


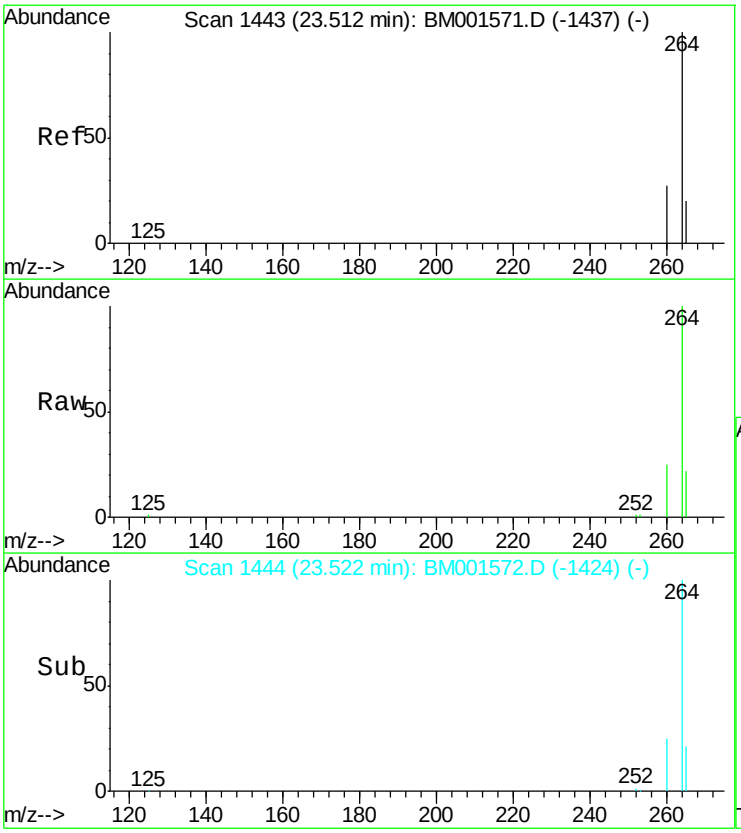
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.79 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 15337

Ion	Ratio	Lower	Upper
276	100		
138	34.6	28.0	42.0
277	24.7	19.7	29.5

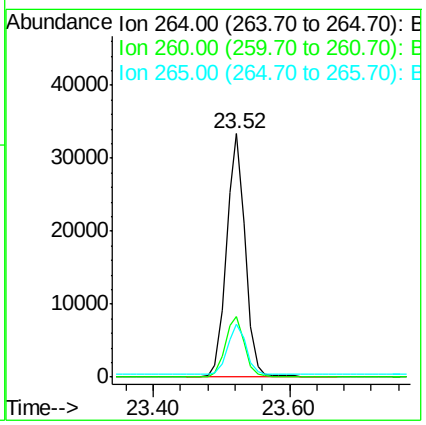


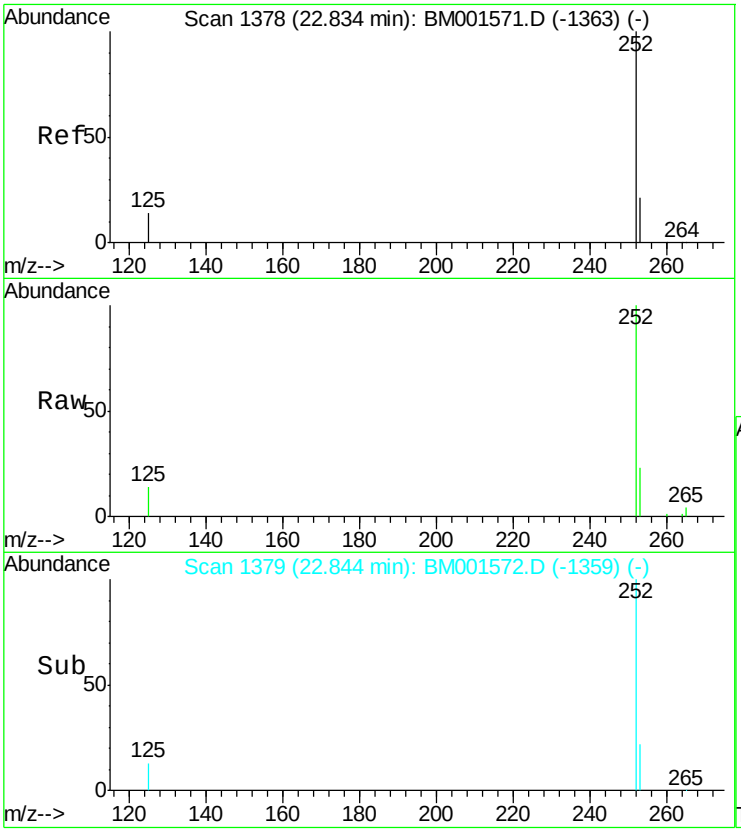


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:264 Resp: 62672

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.6	32.4
265	21.8	16.5	24.7



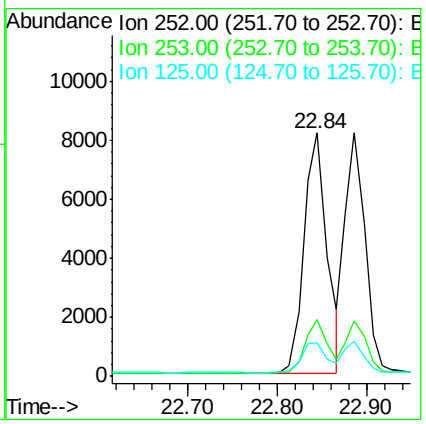


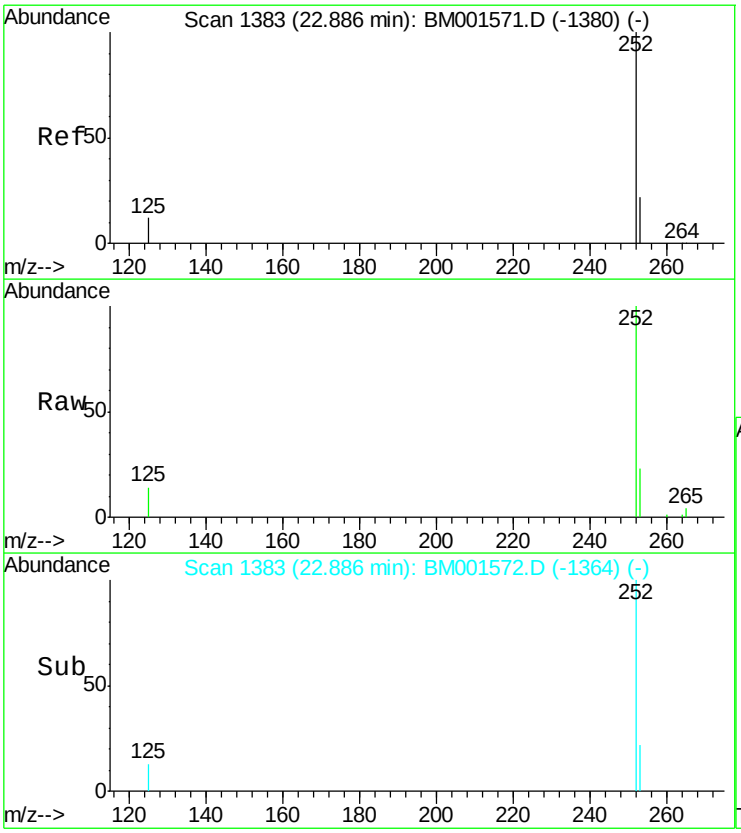
#33
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14544

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	14.0	11.8	17.8

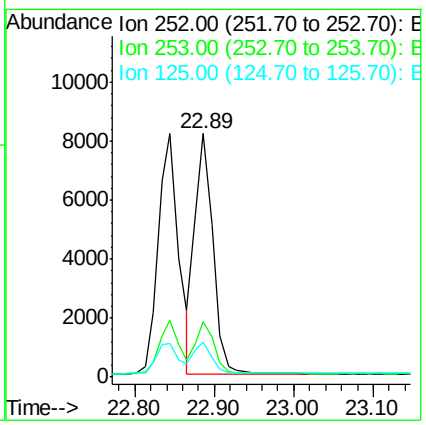


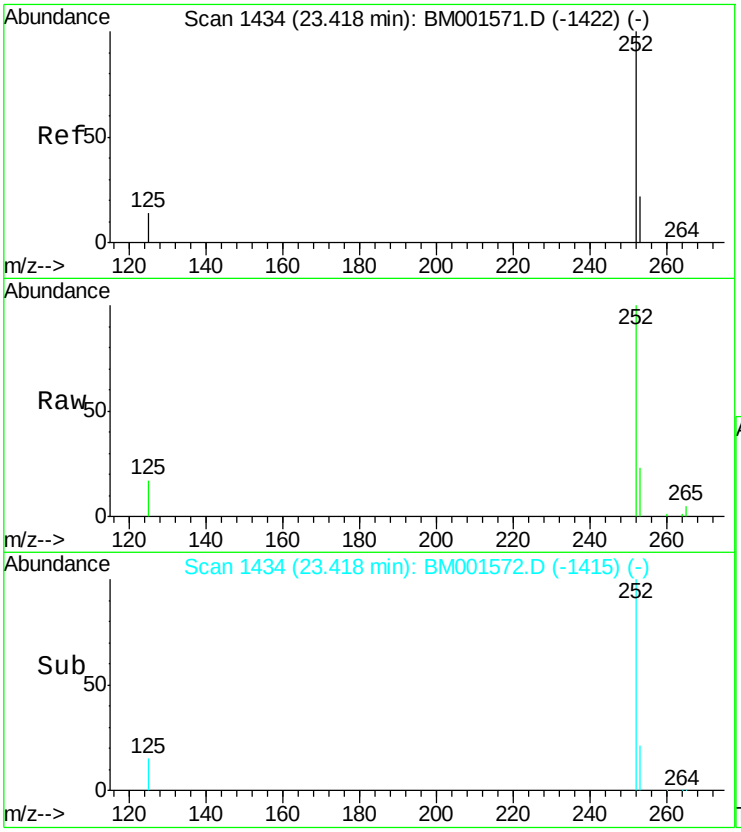


#34
Benzo(k)fluoranthene
Concen: 0.79 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:252 Resp: 12916

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.8	28.2
125	14.3	10.7	16.1



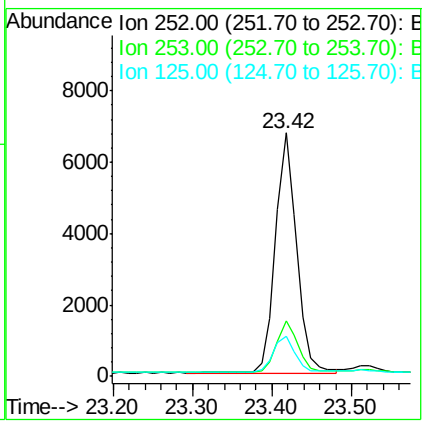


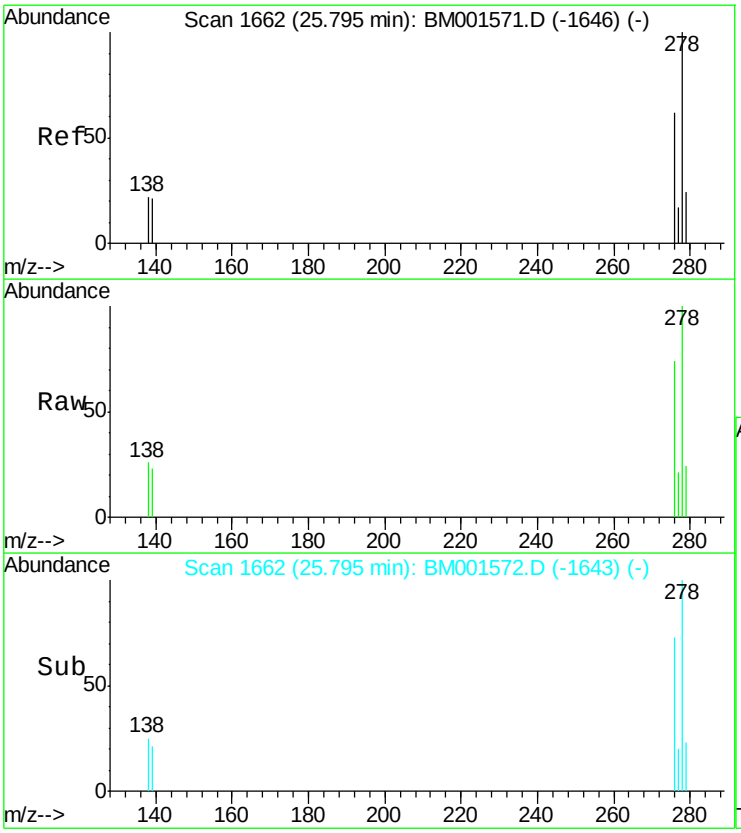
#35
Benzo(a)pyrene
Concen: 0.79 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12472

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.8	28.2
125	16.6	12.1	18.1

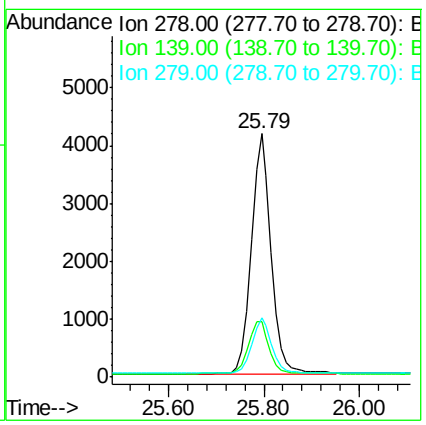


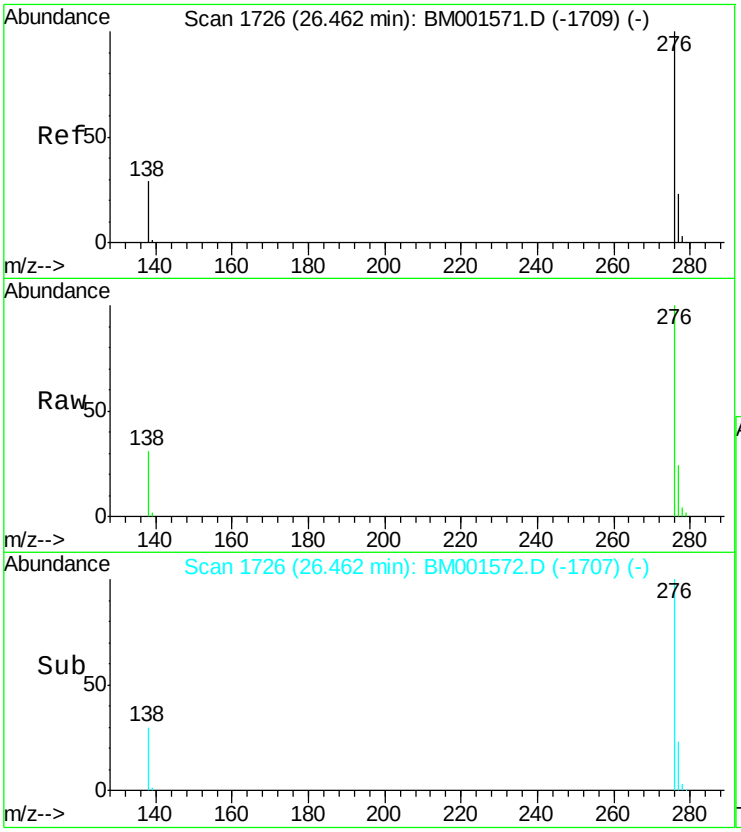


#36
Dibenzo(a,h)anthracene
Concen: 0.83 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Tgt Ion:278 Resp: 12139

Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.4	26.0
279	24.4	20.0	30.0





#37
Benzo(g,h,i)perylene
Concen: 0.83 ng
RT: 26.46 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM001572.D
Acq: 05 Jun 2015 19:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 12758

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	31.1	23.7	35.5