Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001528.D
Acq On : 03 Jun 2015 00:13
Operator : TP/IZ
Sample : PB83718BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83718BS

Quant Time: Jun 03 05:00:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 02:19:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	14817	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	50555	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	23648	5.00	ng		-0.01
18) Phenanthrene-d10	17.10	188	65703	5.00	ng		0.00
25) Chrysene-d12	21.30	240	41206	5.00	ng		0.00
32) Perylene-d12	23.53	264	36266	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	45465	14.04	ng		-0.02
5) Phenol-d6	6.86	99	57879	14.46	ng		0.00
7) Nitrobenzene-d5	8.87	82	33024	10.50	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	13846	31.40	ng		0.00
14) 2-Fluorobiphenyl	12.98	172	70528	9.93	ng		-0.01
27) Terphenyl-d14	19.74	244	49938	9.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	12723	9.93	ng		96
3) n-Nitrosodimethylamine	3.52	42	21471	10.20	ng	#	96
8) Nitrobenzene	8.91	77	36793	11.01	ng		98
9) Naphthalene	10.54	128	99281	9.30	ng		97
10) Hexachlorobutadiene	10.83	225	17777	9.55	ng		100
11) 2-Methylnaphthalene	12.16	142	64989	9.70	ng		98
15) Acenaphthylene	14.08	152	103807	10.28	ng		99
16) Acenaphthene	14.42	154	59005	9.34	ng		99
17) Fluorene	15.40	166	64539	6.13	ng		93
19) 4-Bromophenyl-phenylether	16.28	248	18332	20.03	ng	#	56
20) Hexachlorobenzene	16.42	284	12892	5.24	ng	#	37
21) Pentachlorophenol	16.76	266	117971	81.38	ng	#	89
22) Phenanthrene	17.13	178	163927	14.27	ng		96
23) Anthracene	17.23	178	80683	5.81	ng		95
24) Fluoranthene	19.16	202	122628	10.64	ng		98
26) Pyrene	19.52	202	132750	10.68	ng		99
28) Benzo(a)anthracene	21.26	228	113401	10.22	ng		96
29) Chrysene	21.26	228	113403	10.79	ng		94
30) Bis(2-ethylhexyl)phthalate	21.20	149	88576	11.31	ng	#	97
31) Indeno(1,2,3-cd)pyrene	25.80	276	113568	9.72	ng	#	94
33) Benzo(b)fluoranthene	22.85	252	105471	10.19	ng		97
34) Benzo(k)fluoranthene	22.90	252	104000	11.49	ng		99
35) Benzo(a)pyrene	23.44	252	99887	11.32	ng		98
36) Dibenzo(a,h)anthracene	25.82	278	92012	10.47	ng		97
37) Benzo(g,h,i)perylene	26.49	276	94640	10.30	ng	#	93

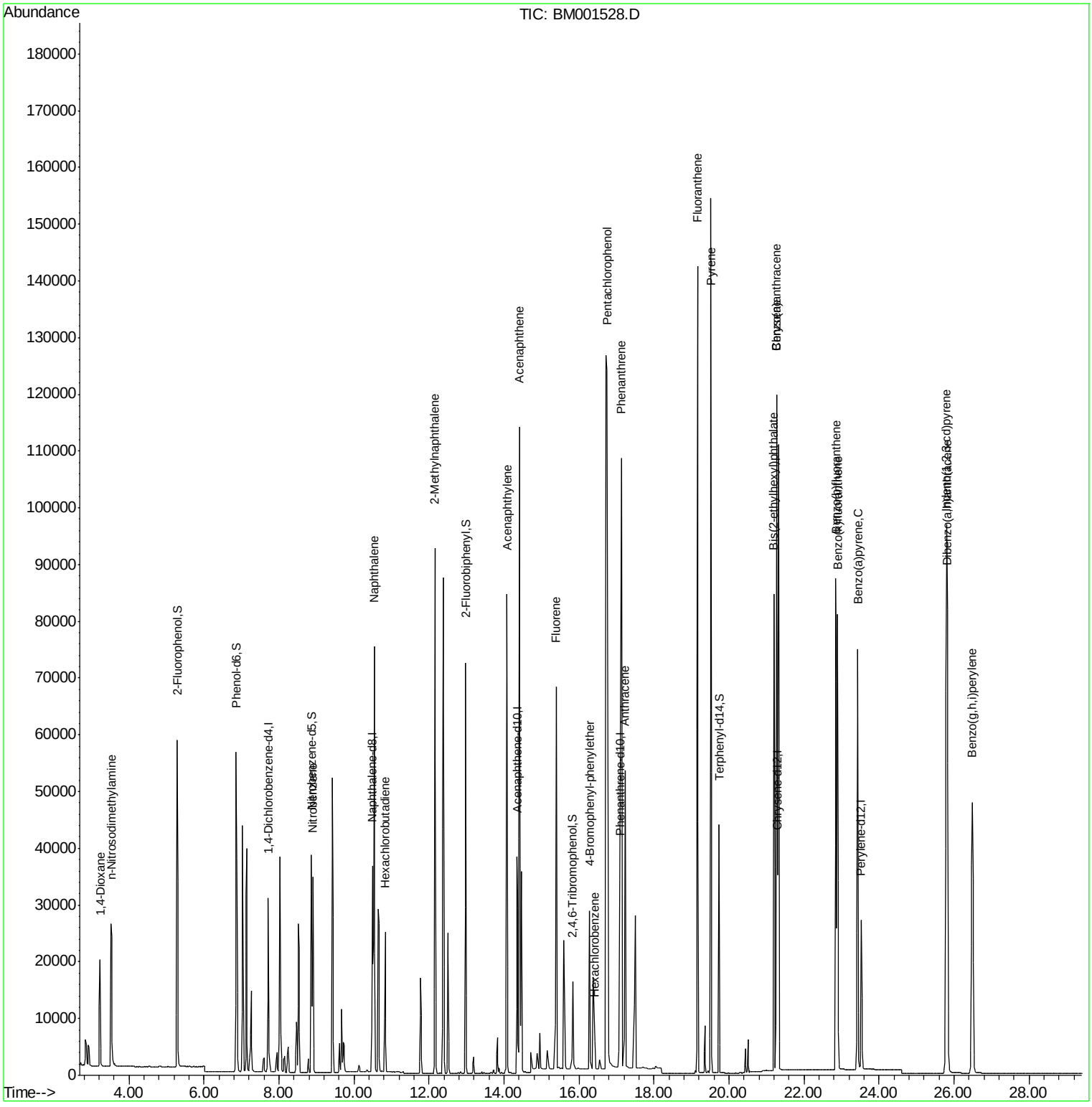
(#) = qualifier out of range (m) = manual integration (+) = signals summed

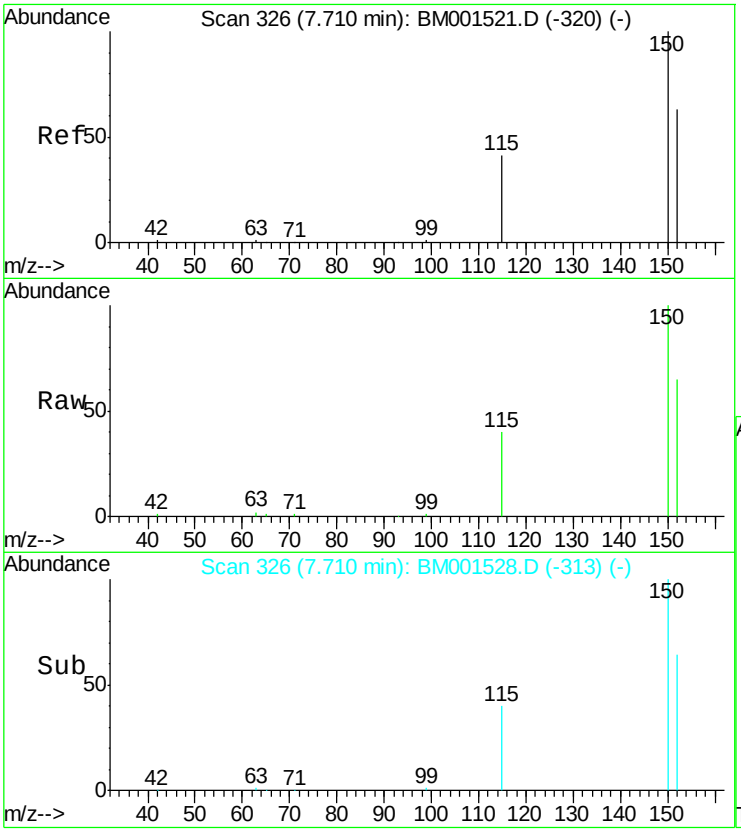
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001528.D
Acq On : 03 Jun 2015 00:13
Operator : TP/IZ
Sample : PB83718BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Quant Time: Jun 03 05:00:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 02:19:00 2015
Response via : Initial Calibration



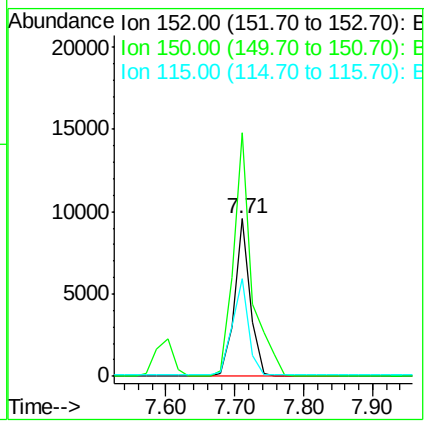


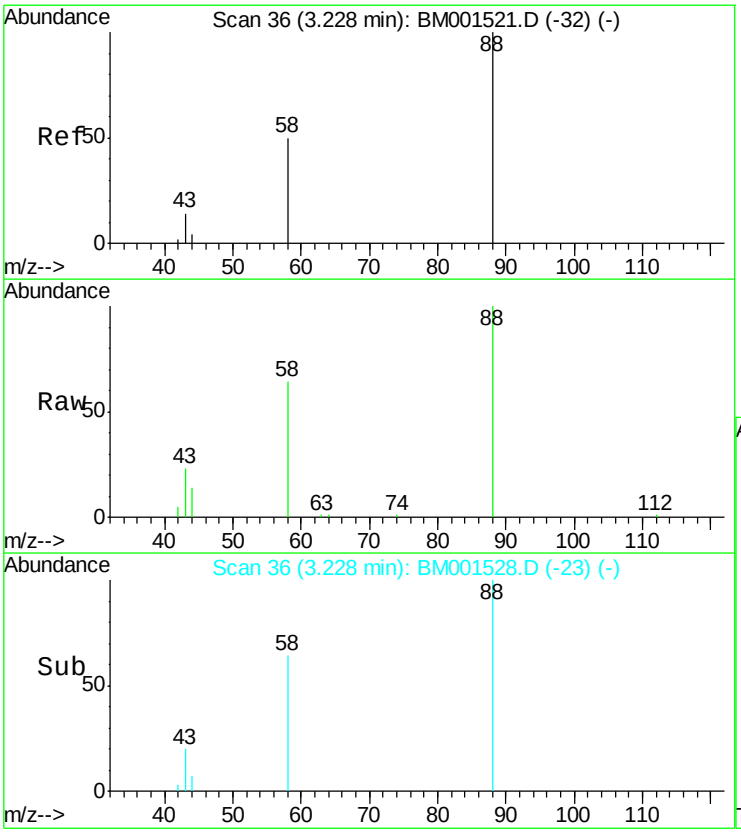
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:152 Resp: 14817

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.0	178.6
115	62.3	41.8	62.8

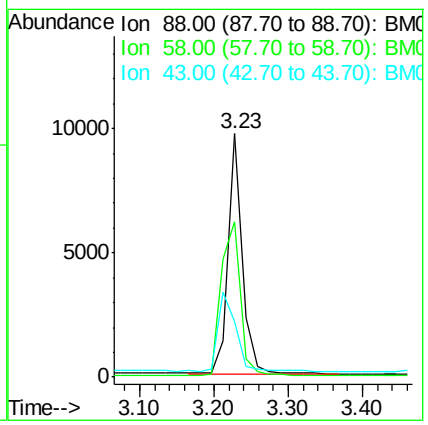


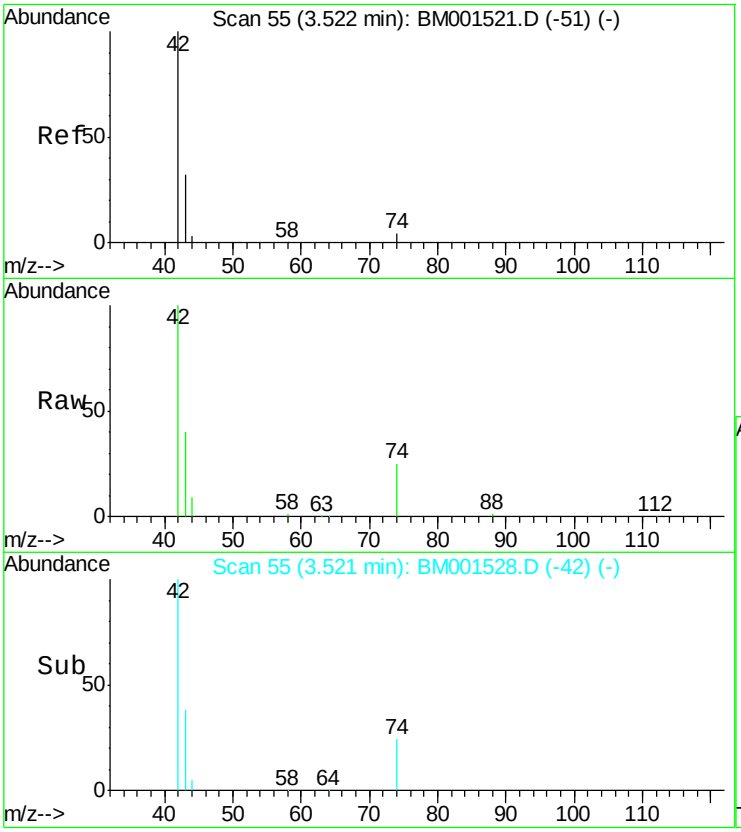


#2
1,4-Dioxane
Concen: 9.93 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion: 88 Resp: 12723

Ion	Ratio	Lower	Upper
88	100		
58	86.2	71.3	106.9
43	40.7	35.5	53.3



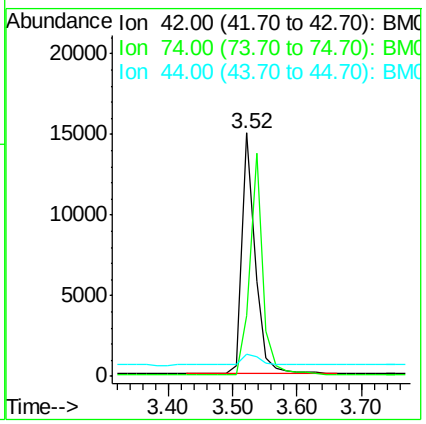


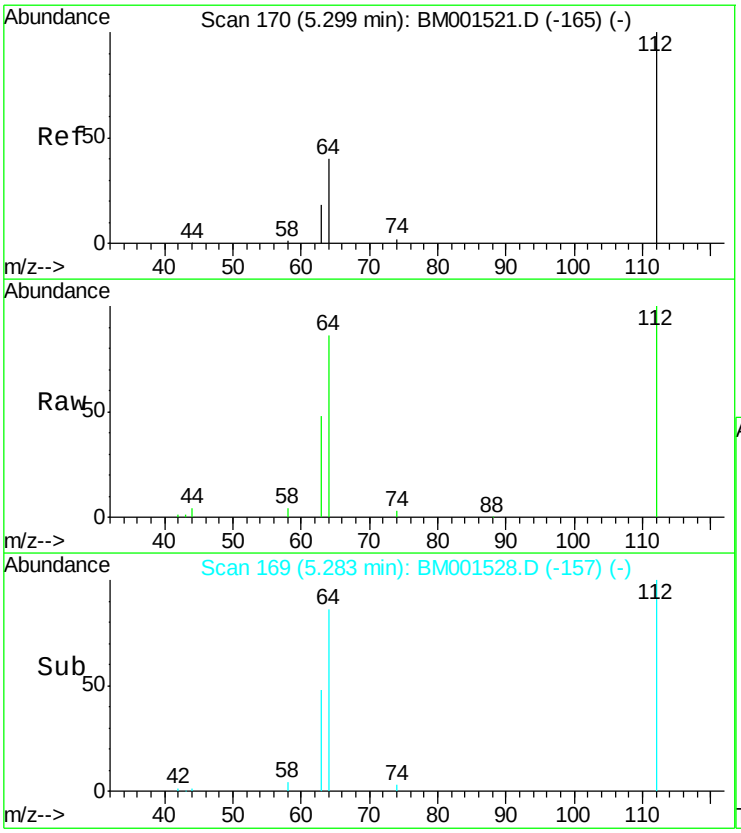
#3
n-Nitrosodimethylamine
Concen: 10.20 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion: 42 Resp: 21471

Ion	Ratio	Lower	Upper
42	100		
74	93.7	72.2	108.2
44	6.0	6.2	9.2#

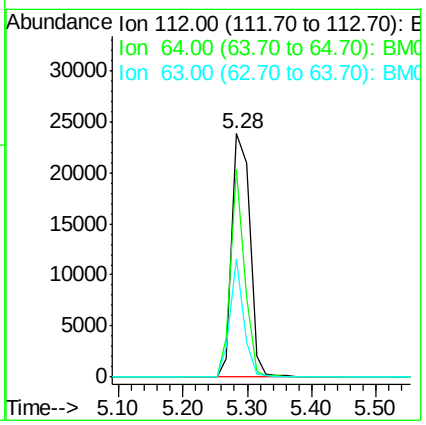


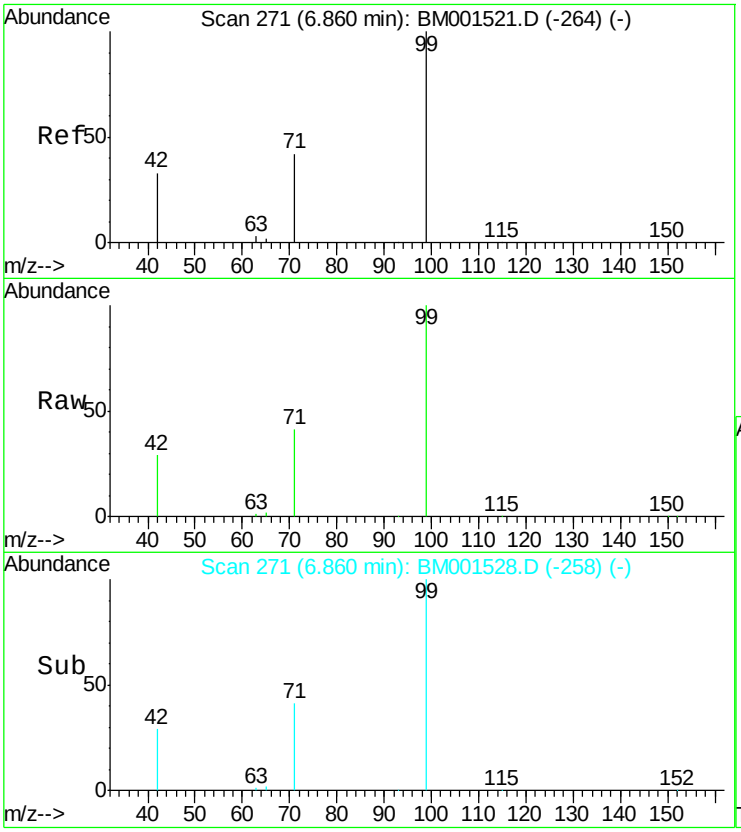


#4
2-Fluorophenol
Concen: 14.04 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:112 Resp: 45465

Ion	Ratio	Lower	Upper
112	100		
64	66.7	51.7	77.5
63	37.0	29.7	44.5



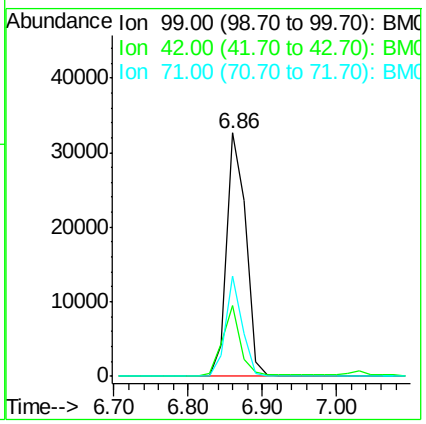


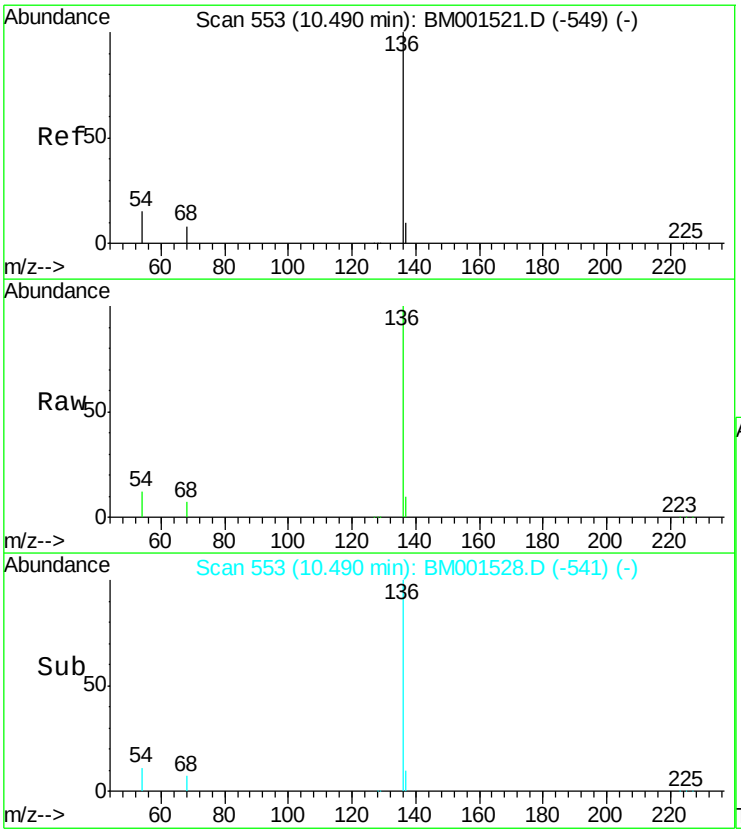
#5
Phenol-d6
Concen: 14.46 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion: 99 Resp: 57879

Ion	Ratio	Lower	Upper
99	100		
42	26.4	21.8	32.6
71	35.9	29.2	43.8

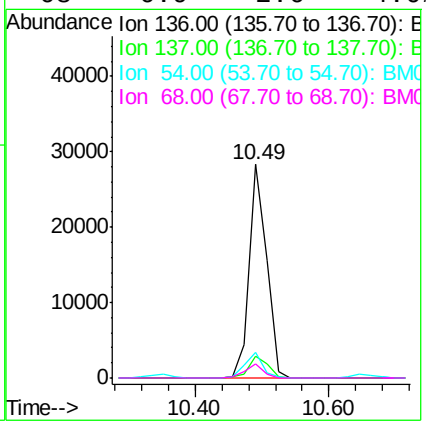


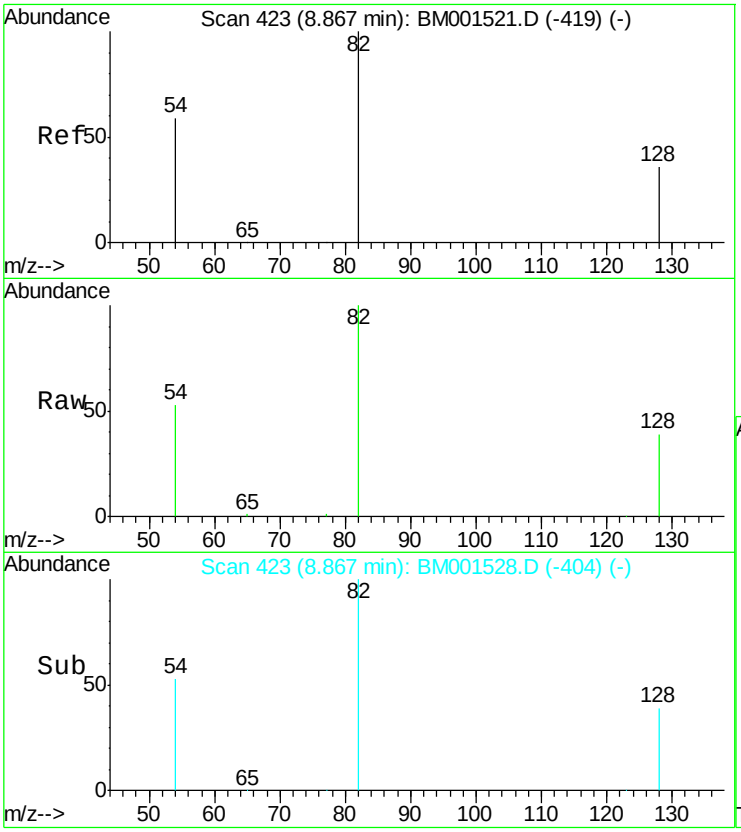


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:136 Resp: 50555

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	11.7	4.3	6.5#
68	6.9	2.6	4.0#



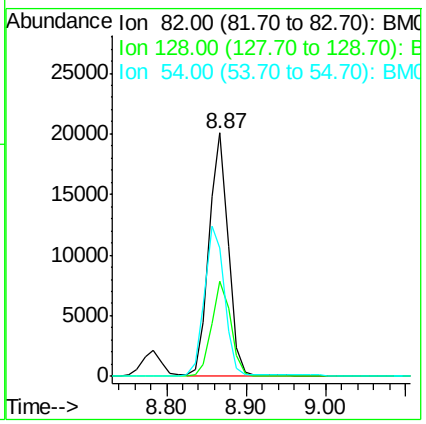


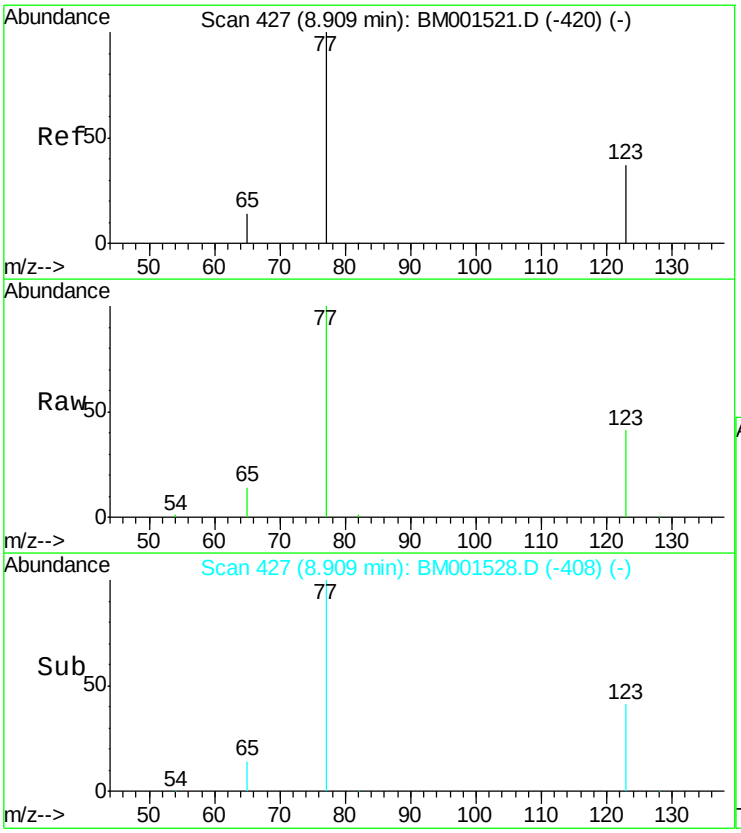
#7
Nitrobenzene-d5
Concen: 10.50 ng
RT: 8.87 min Scan# 423
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion: 82 Resp: 33024

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.2	45.4
54	52.8	52.9	79.3#

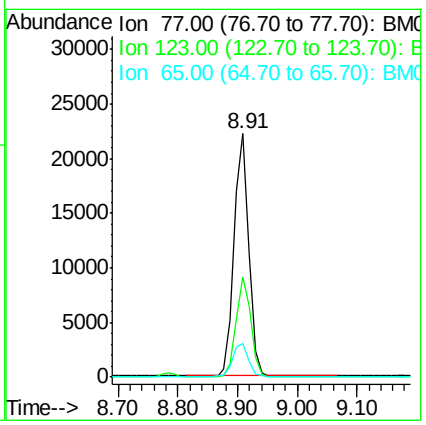


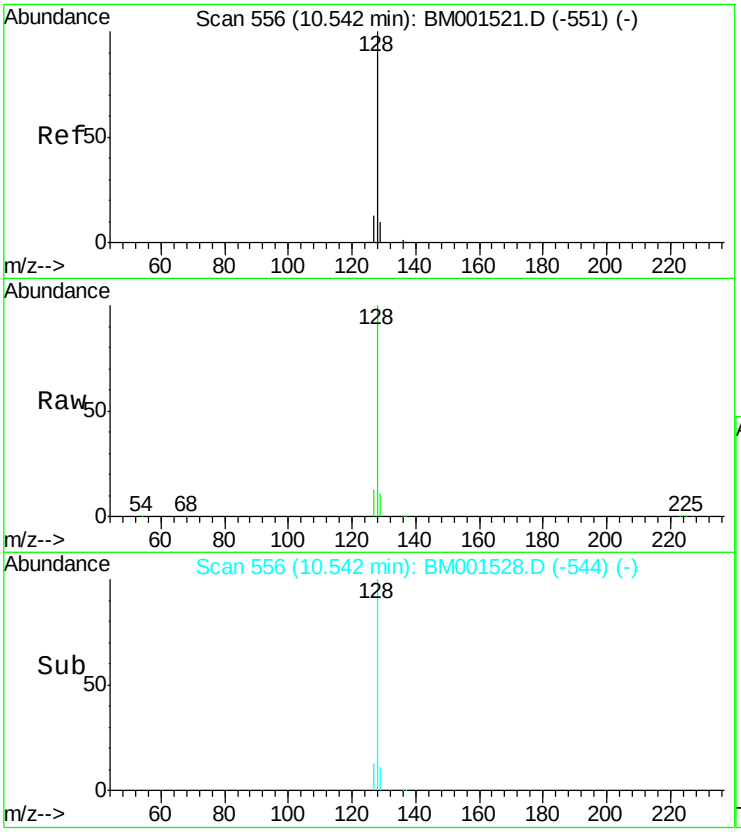


#8
Nitrobenzene
Concen: 11.01 ng
RT: 8.91 min Scan# 427
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion: 77 Resp: 36793

Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.7	50.5
65	14.6	11.3	16.9



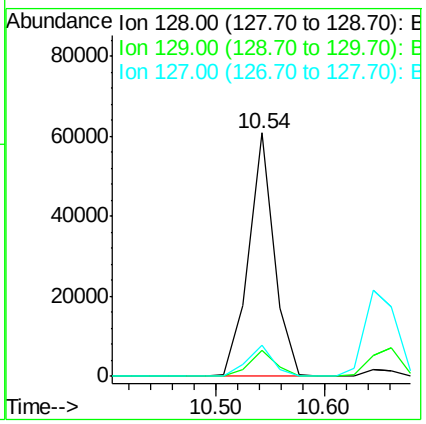


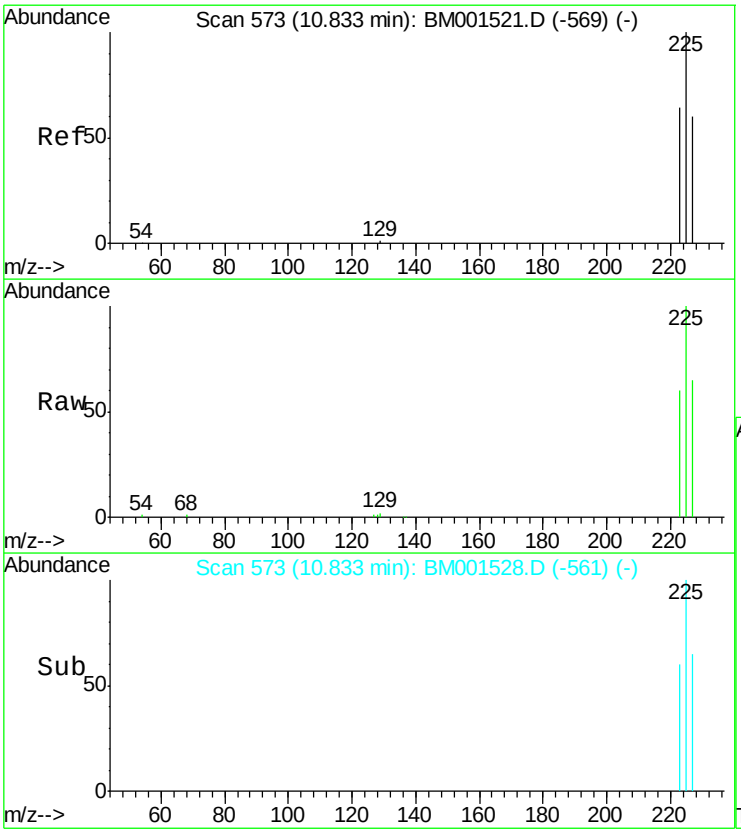
#9
Naphthalene
Concen: 9.30 ng
RT: 10.54 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:128 Resp: 99281

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.7	11.7	17.5

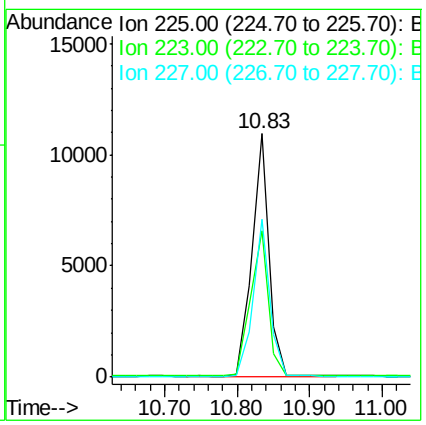


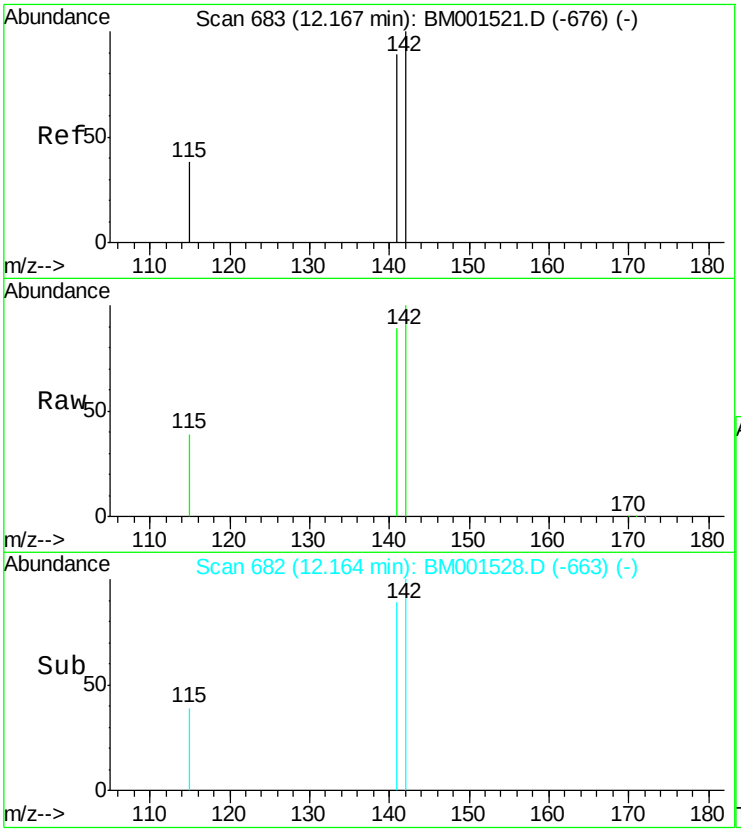


#10
Hexachlorobutadiene
Concen: 9.55 ng
RT: 10.83 min Scan# 573
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:225 Resp: 17777

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	63.6	51.1	76.7



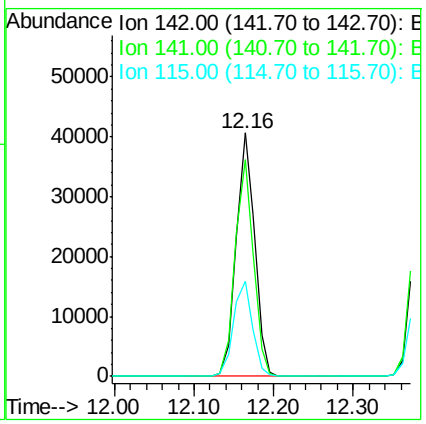


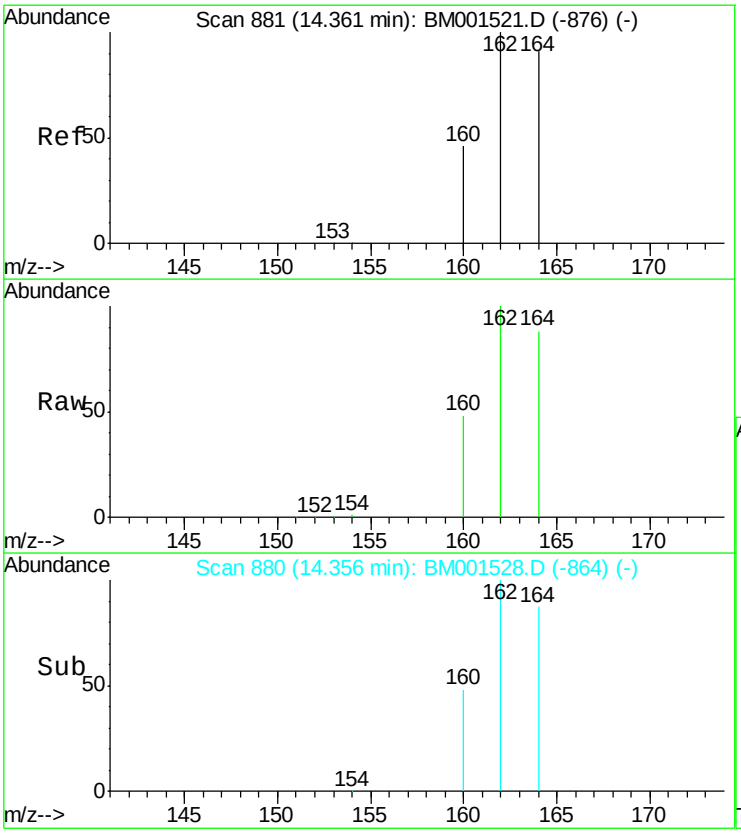
#11
2-Methylnaphthalene
Concen: 9.70 ng
RT: 12.16 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:142 Resp: 64989

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	39.2	31.2	46.8

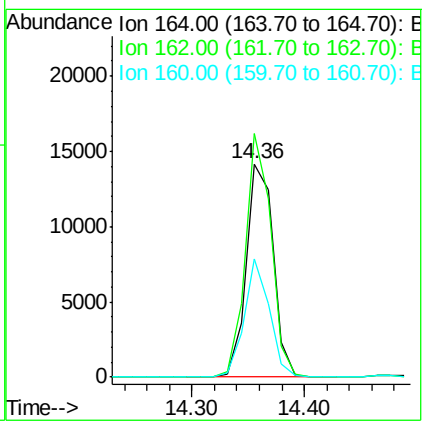


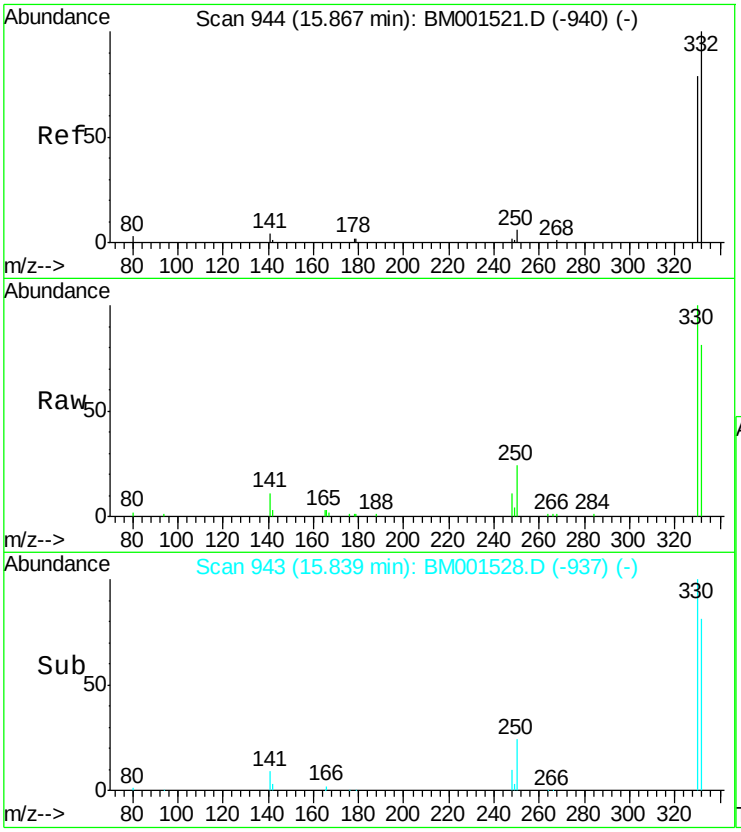


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 880
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:164 Resp: 23648

Ion	Ratio	Lower	Upper
164	100		
162	114.2	83.4	125.2
160	55.2	36.9	55.3



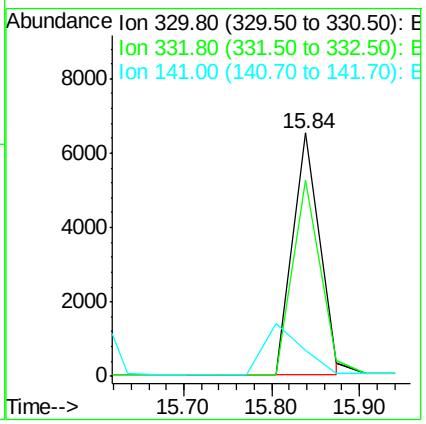


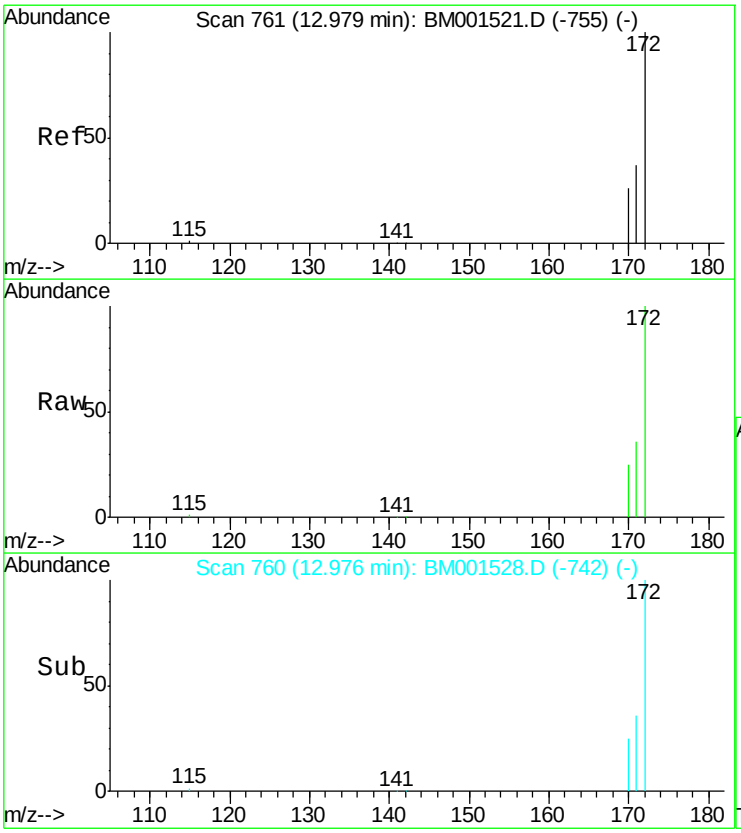
#13
2,4,6-Tribromophenol
Concen: 31.40 ng
RT: 15.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:330 Resp: 13846

Ion	Ratio	Lower	Upper
330	100		
332	82.7	90.3	135.5#
141	0.0	0.0	0.0

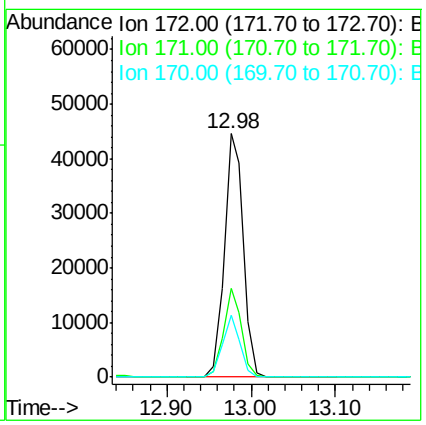


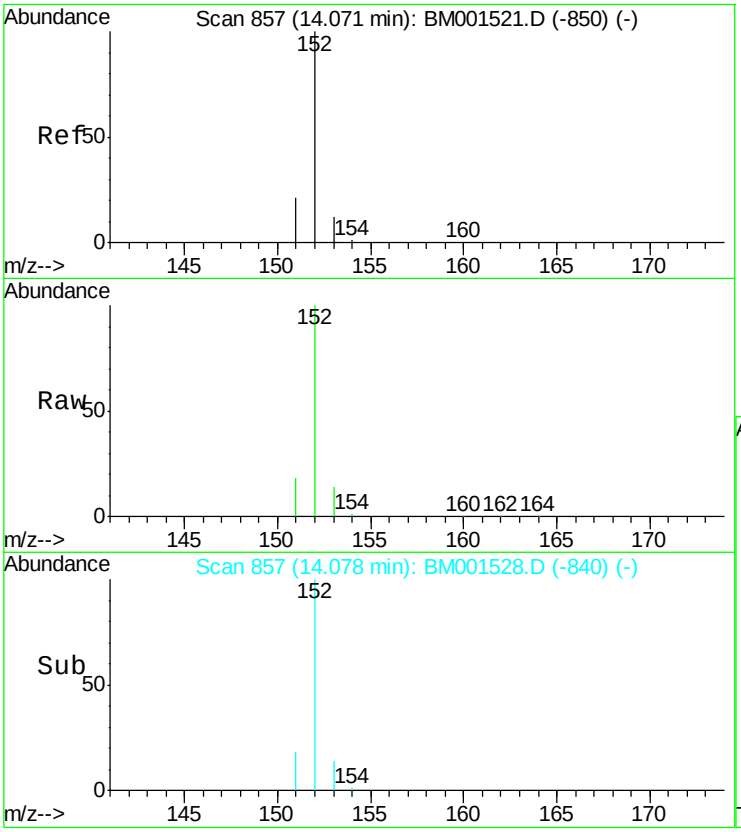


#14
2-Fluorobiphenyl
Concen: 9.93 ng
RT: 12.98 min Scan# 760
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:172 Resp: 70528

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.4	20.2	30.4



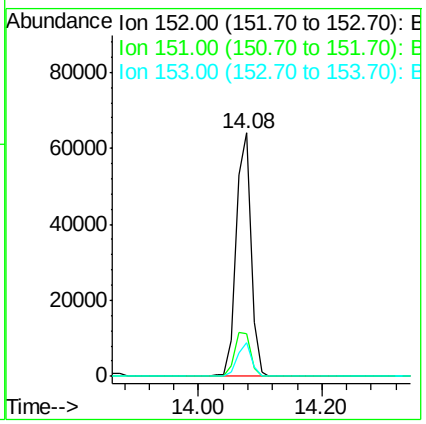


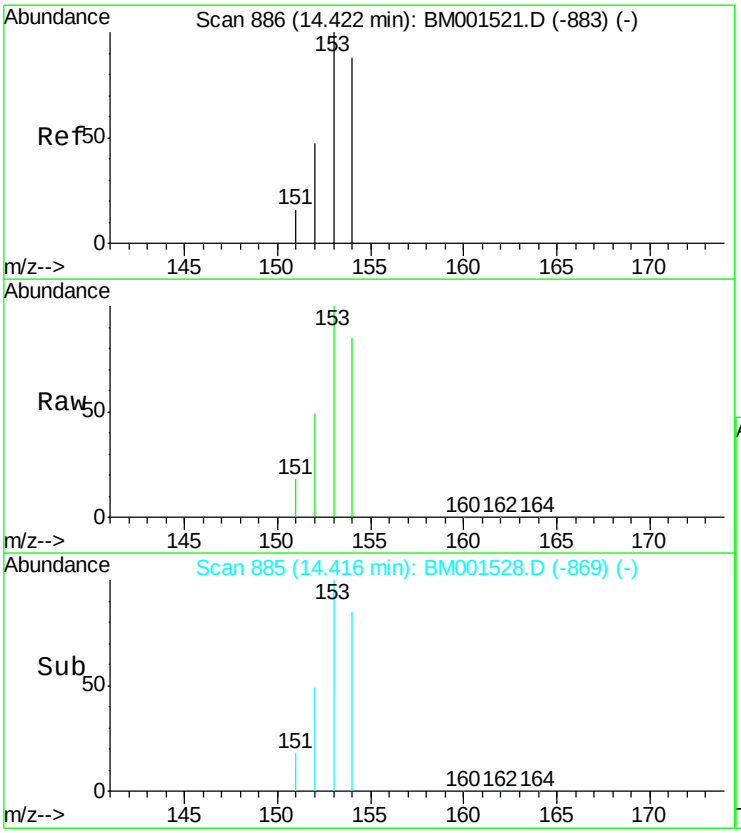
#15
Acenaphthylene
Concen: 10.28 ng
RT: 14.08 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:152 Resp: 103807

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7
153	12.8	10.2	15.4

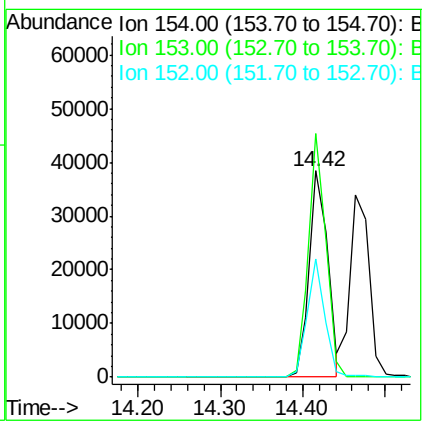


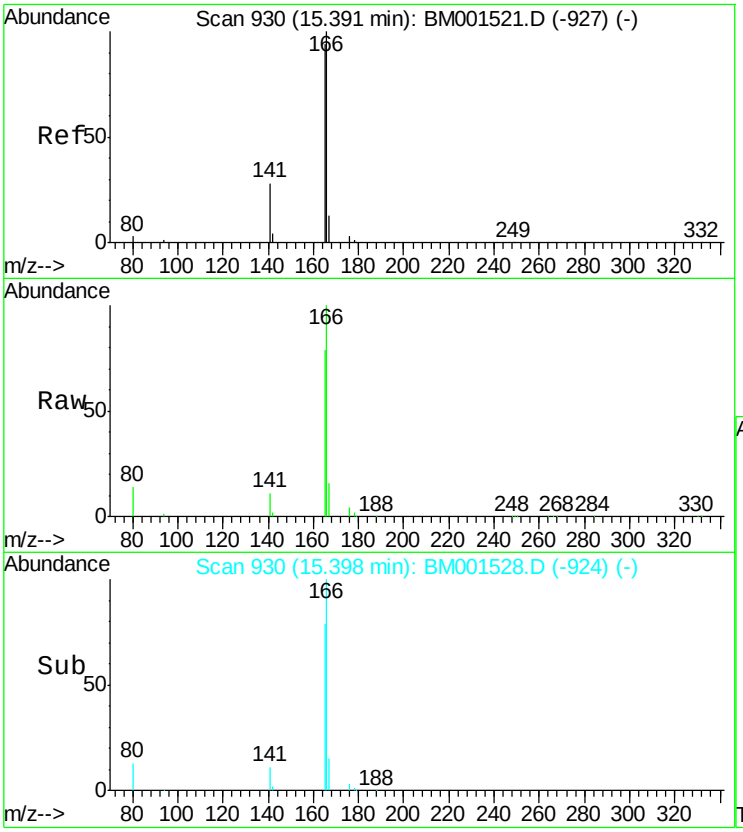


#16
Acenaphthene
Concen: 9.34 ng
RT: 14.42 min Scan# 885
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:154 Resp: 59005

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.4	137.2
152	54.5	44.0	66.0



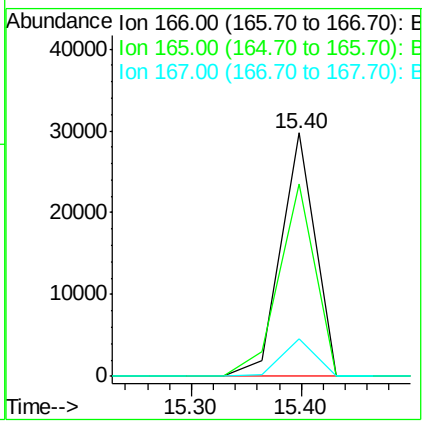


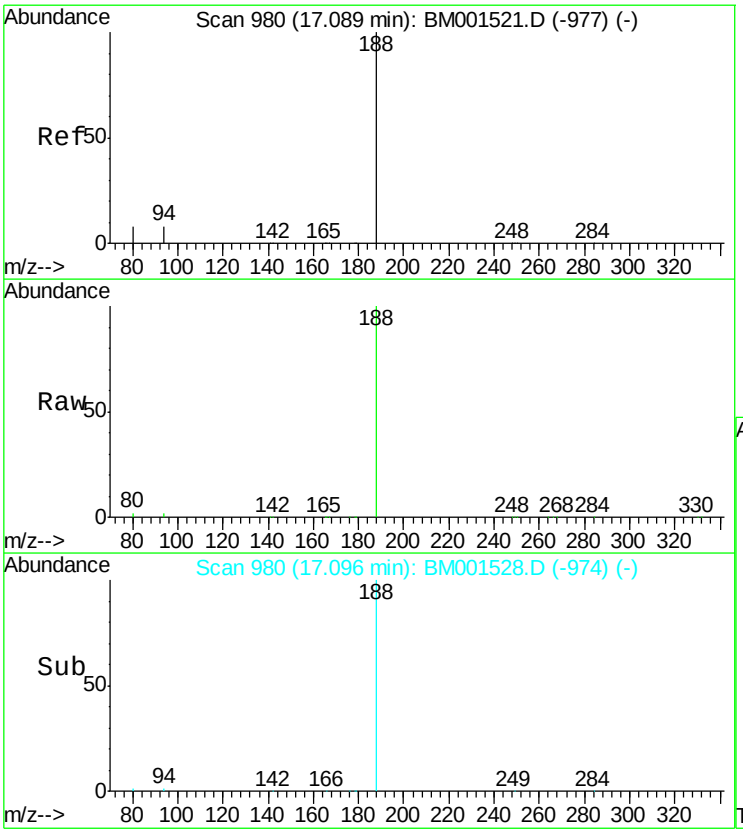
#17
Fluorene
Concen: 6.13 ng
RT: 15.40 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:166 Resp: 64539

Ion	Ratio	Lower	Upper
166	100		
165	83.6	72.6	108.8
167	15.0	10.9	16.3

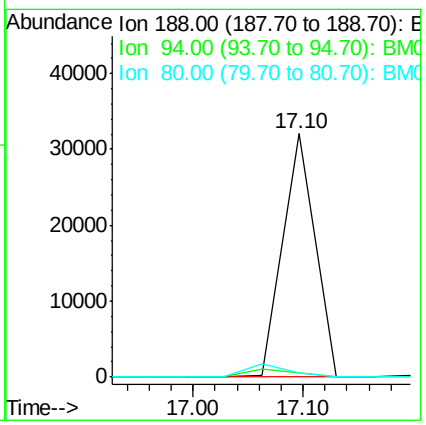


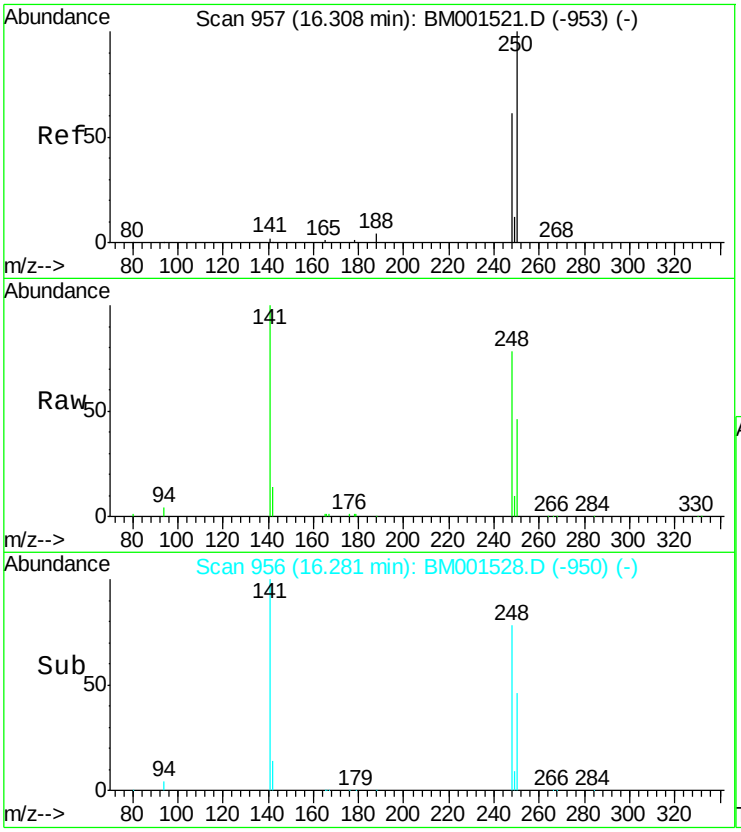


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.10 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:188 Resp: 65703

Ion	Ratio	Lower	Upper
188	100		
94	1.7	3.0	4.4#
80	1.6	2.5	3.7#



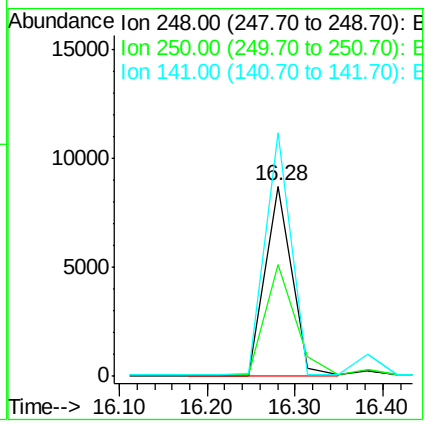


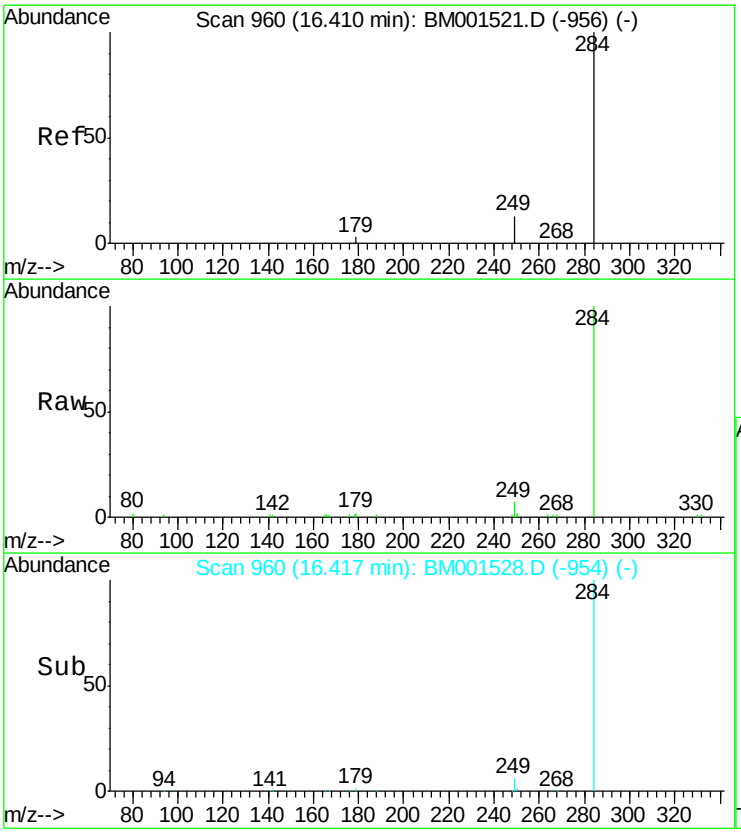
#19
4-Bromophenyl-phenylether
Concen: 20.03 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:248 Resp: 18332

Ion	Ratio	Lower	Upper
248	100		
250	66.4	76.8	115.2#
141	124.5	57.7	86.5#

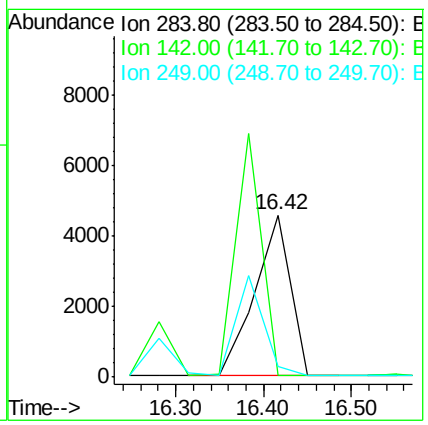


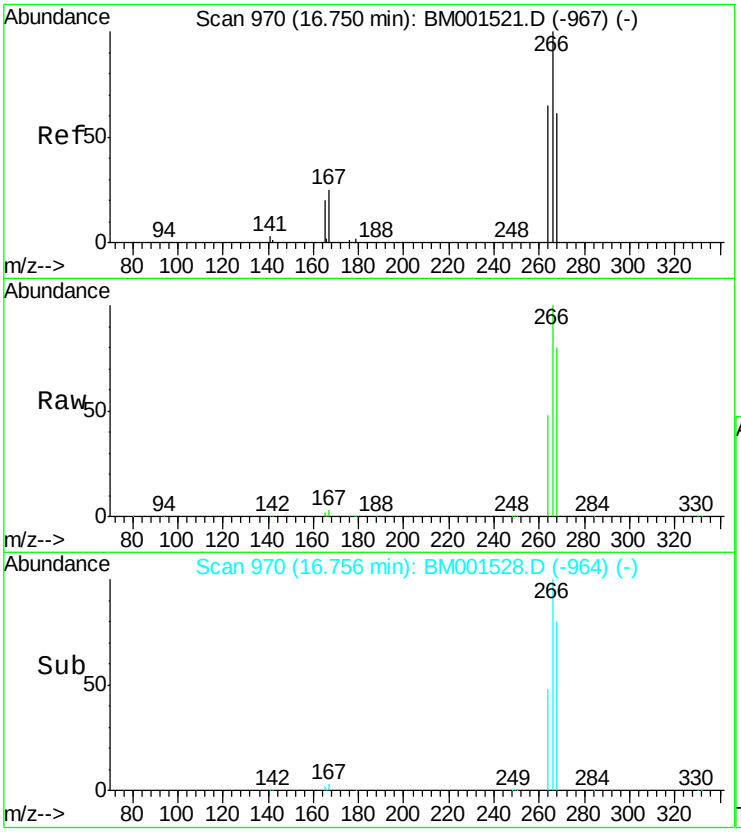


#20
Hexachlorobenzene
Concen: 5.24 ng
RT: 16.42 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:284 Resp: 12892

Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	0.0	39.0	58.4#



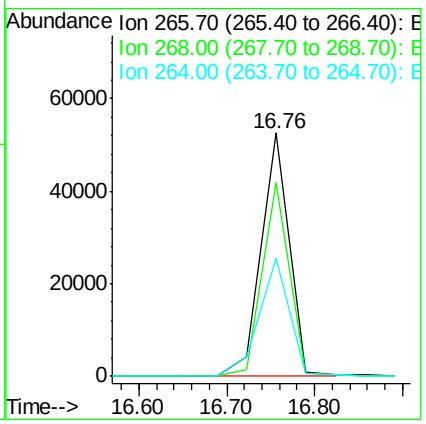


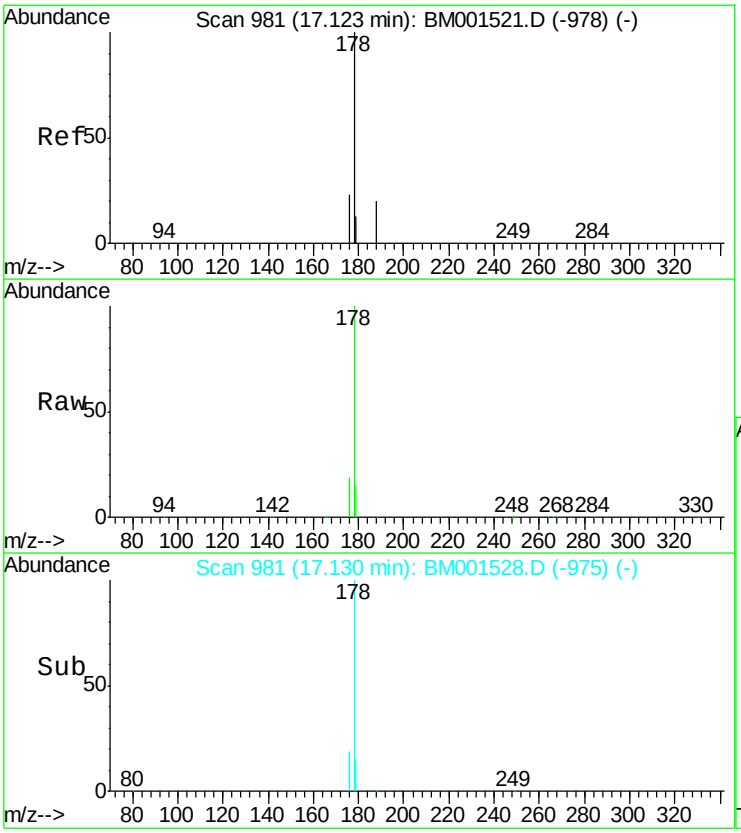
#21
Pentachlorophenol
Concen: 81.38 ng
RT: 16.76 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:266 Resp: 117971

Ion	Ratio	Lower	Upper
266	100		
268	79.5	63.0	94.4
264	48.4	52.8	79.2#

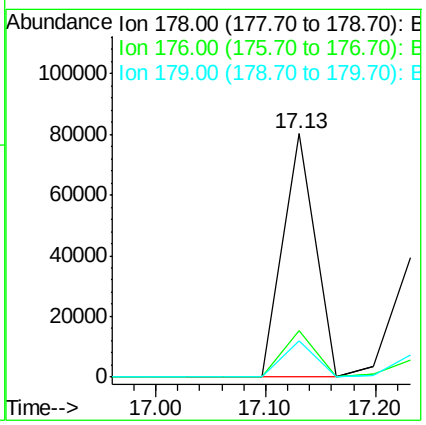


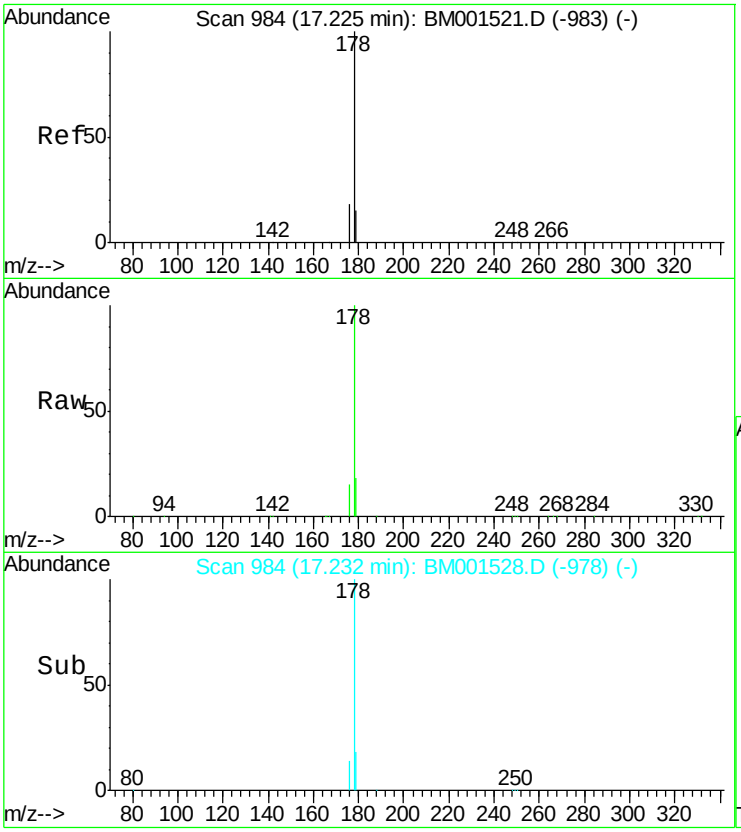


#22
Phenanthrene
Concen: 14.27 ng
RT: 17.13 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:178 Resp: 163927

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	15.1	11.0	16.4



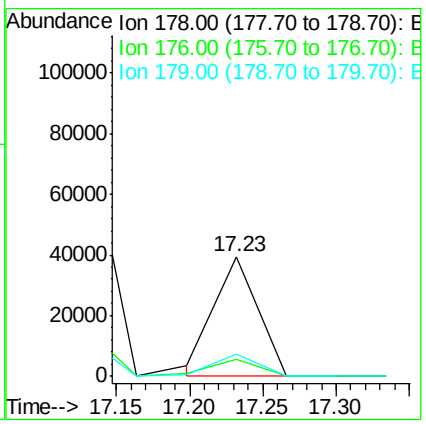


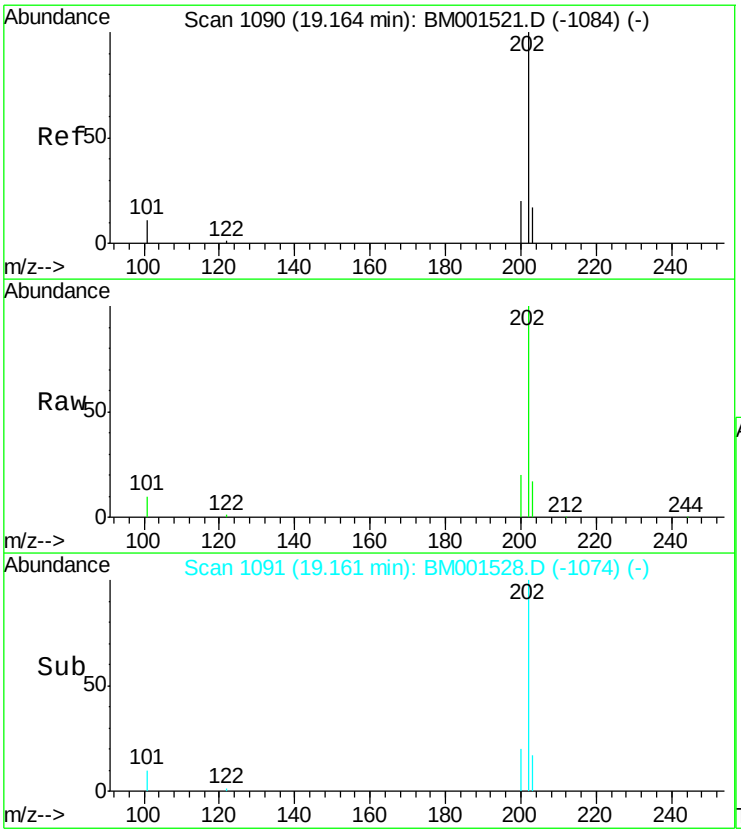
#23
Anthracene
Concen: 5.81 ng
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:178 Resp: 80683

Ion	Ratio	Lower	Upper
178	100		
176	14.4	13.1	19.7
179	18.1	12.8	19.2

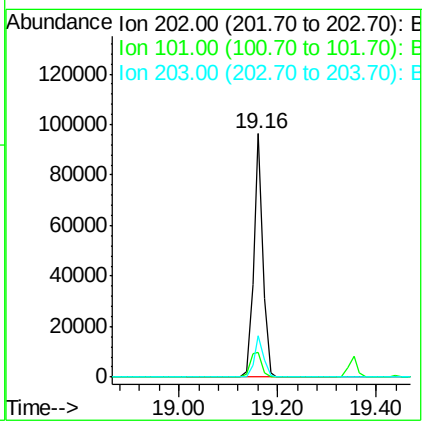


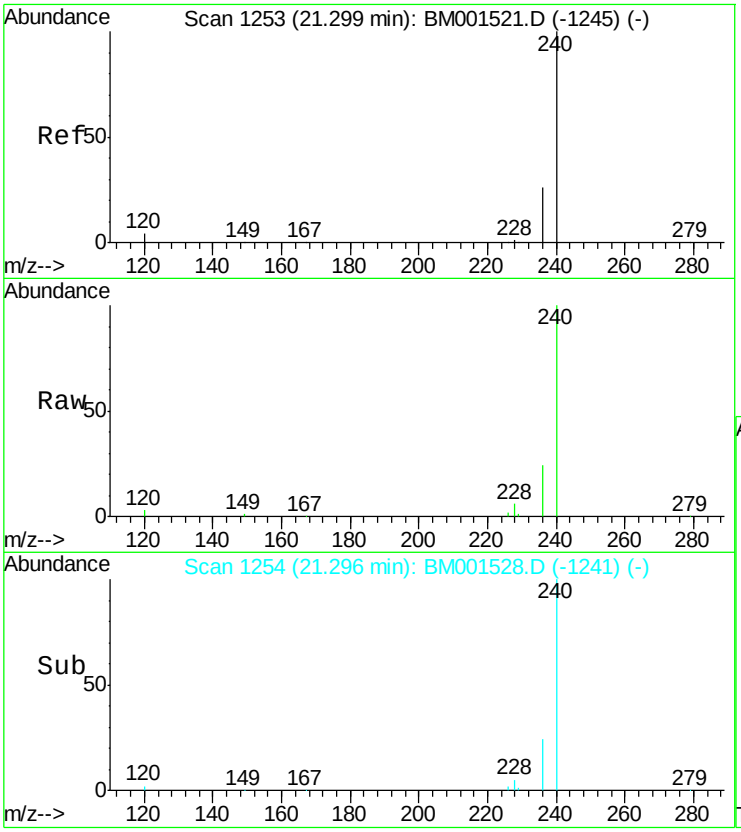


#24
Fluoranthene
Concen: 10.64 ng
RT: 19.16 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:202 Resp: 122628

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.6	12.8
203	17.4	13.8	20.6



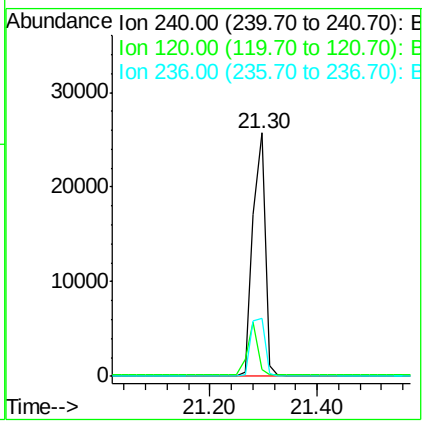


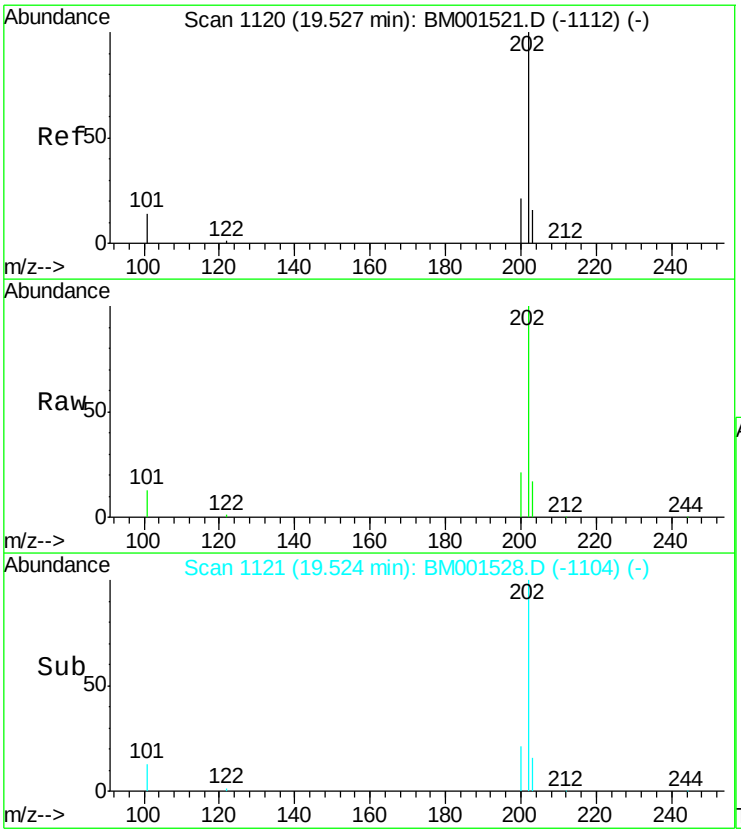
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:240 Resp: 41206

Ion	Ratio	Lower	Upper
240	100		
120	2.7	9.7	14.5#
236	23.8	24.8	37.2#

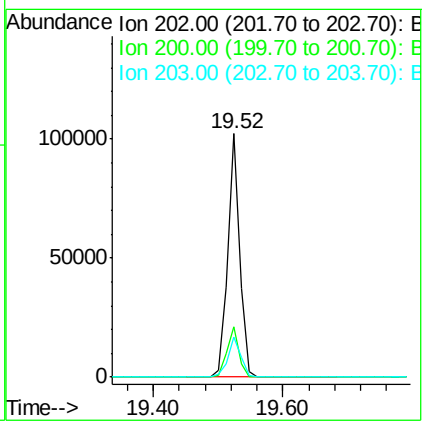


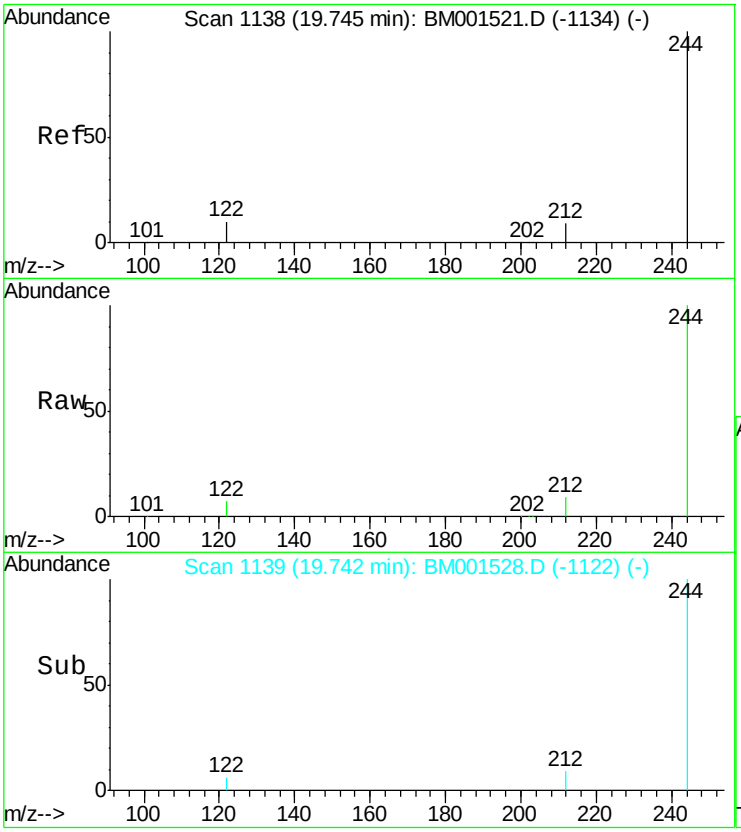


#26
Pyrene
Concen: 10.68 ng
RT: 19.52 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:202 Resp: 132750

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	17.7	13.9	20.9



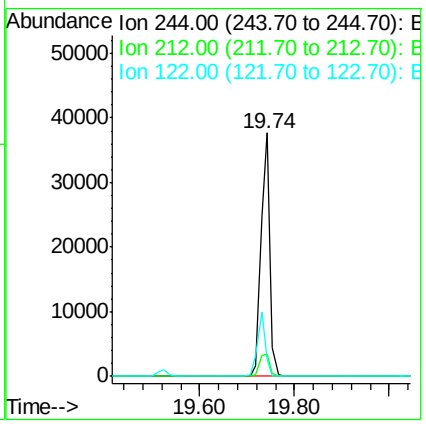


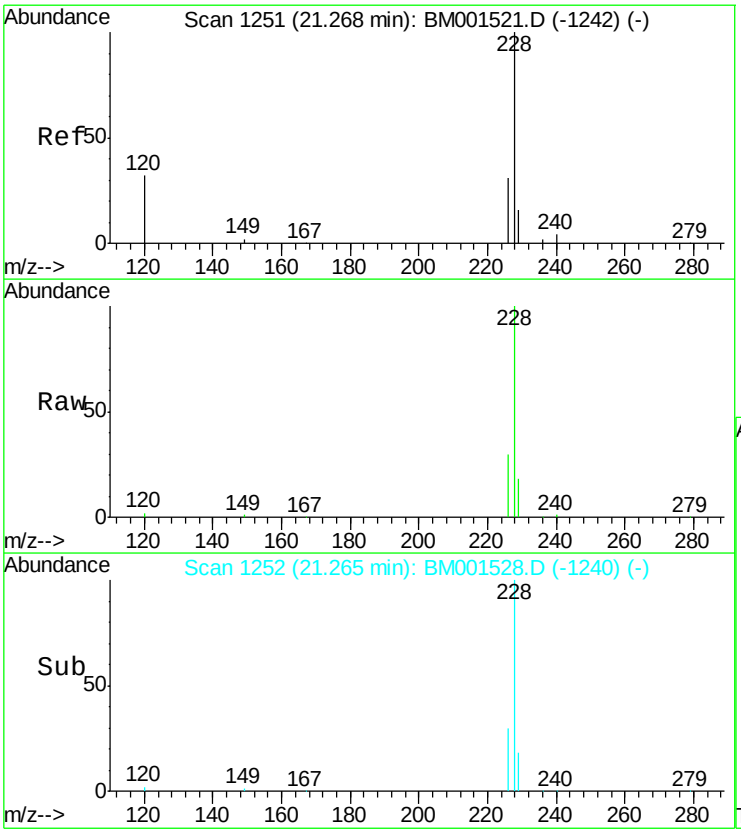
#27
Terphenyl-d14
Concen: 9.83 ng
RT: 19.74 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:244 Resp: 49938

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	6.9	5.1	7.7

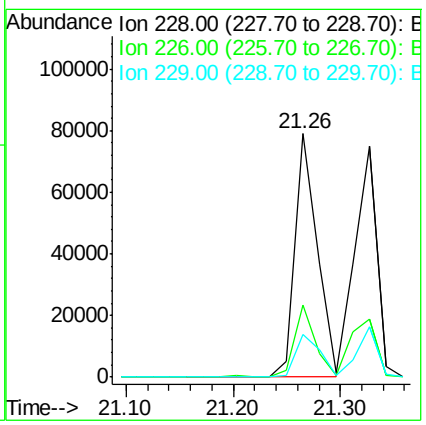


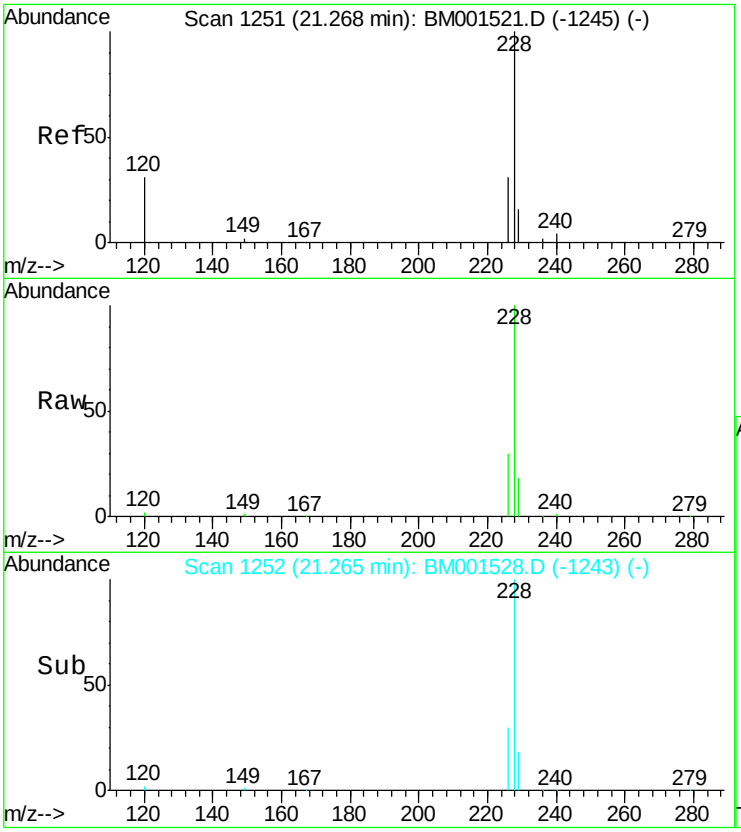


#28
Benzo(a)anthracene
Concen: 10.22 ng
RT: 21.26 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:228 Resp: 113401

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.9	32.9
229	17.6	15.1	22.7



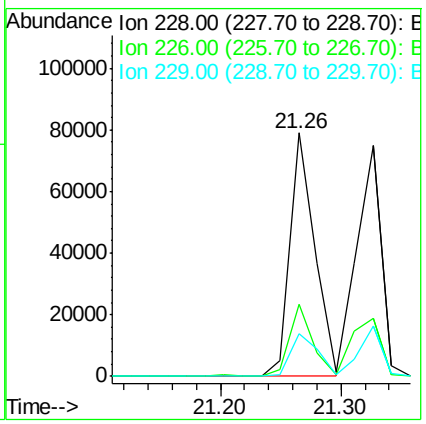


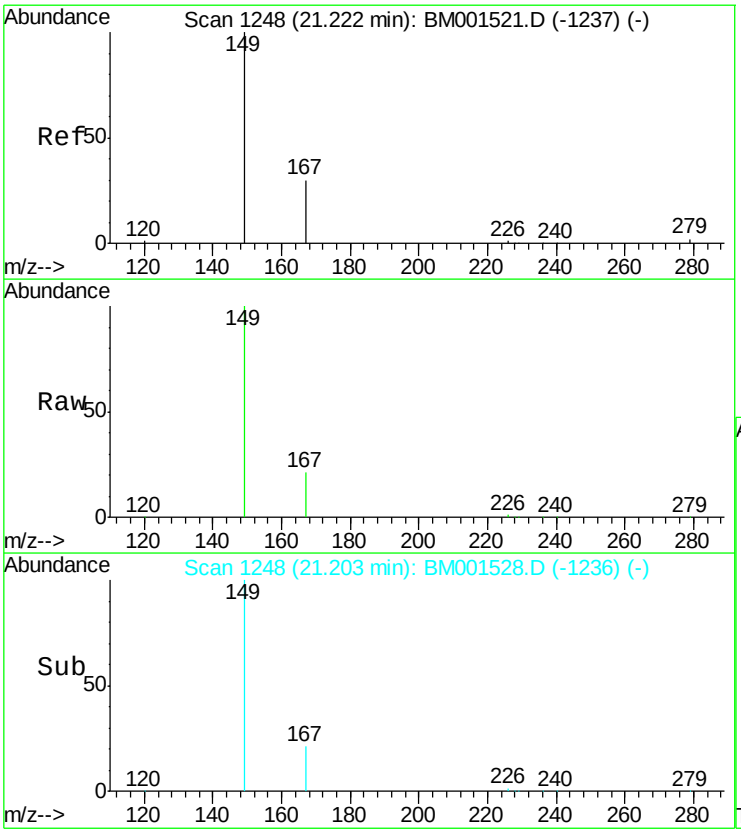
#29
Chrysene
Concen: 10.79 ng
RT: 21.26 min Scan# 1252
Delta R.T. -0.06 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:228 Resp: 113403

Ion	Ratio	Lower	Upper
228	100		
226	29.7	27.6	41.4
229	17.6	13.6	20.4

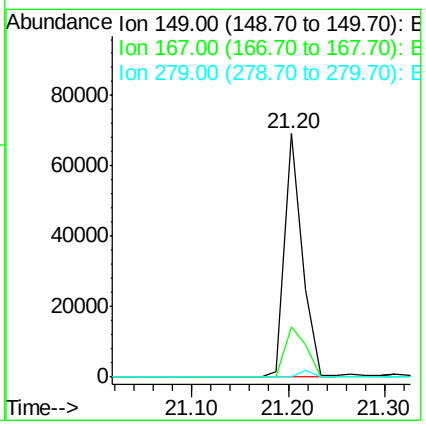


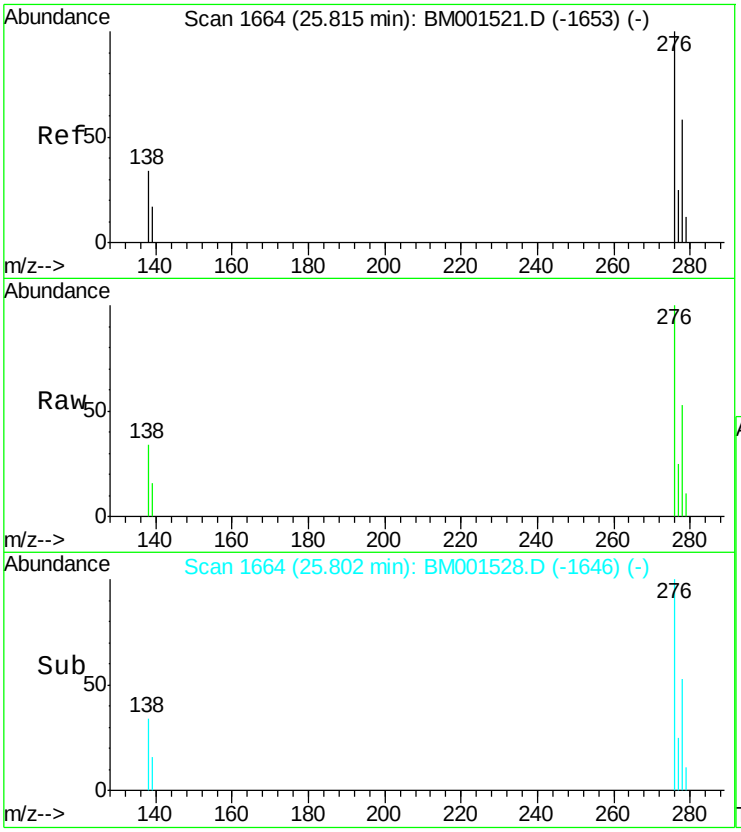


#30
Bis(2-ethylhexyl)phthalate
Concen: 11.31 ng
RT: 21.20 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:149 Resp: 88576

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.6
279	2.2	2.2	3.2#



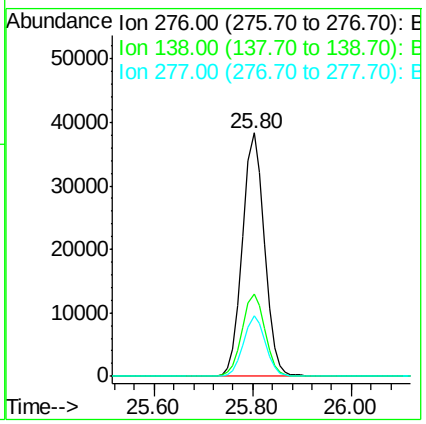


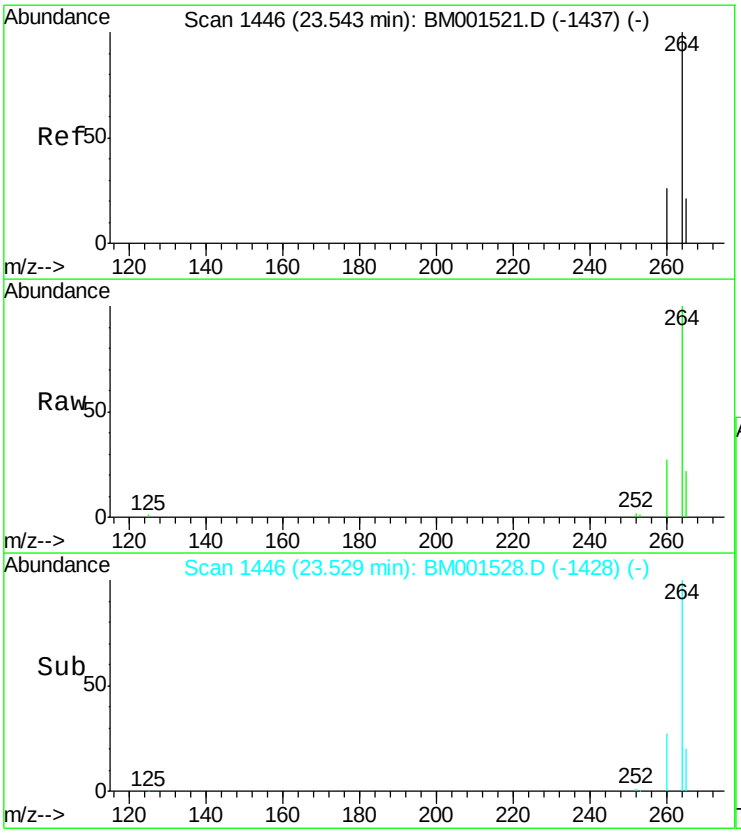
#31
Indeno(1,2,3-cd)pyrene
Concen: 9.72 ng
RT: 25.80 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:276 Resp: 113568

Ion	Ratio	Lower	Upper
276	100		
138	35.3	23.4	35.0#
277	24.7	19.5	29.3

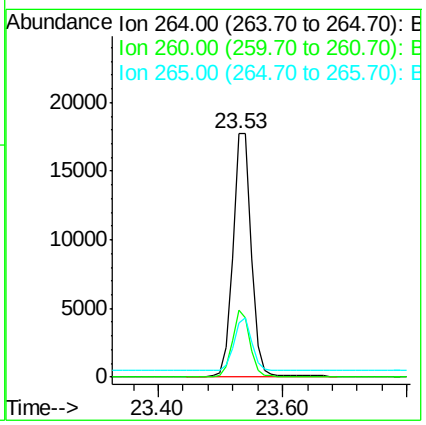


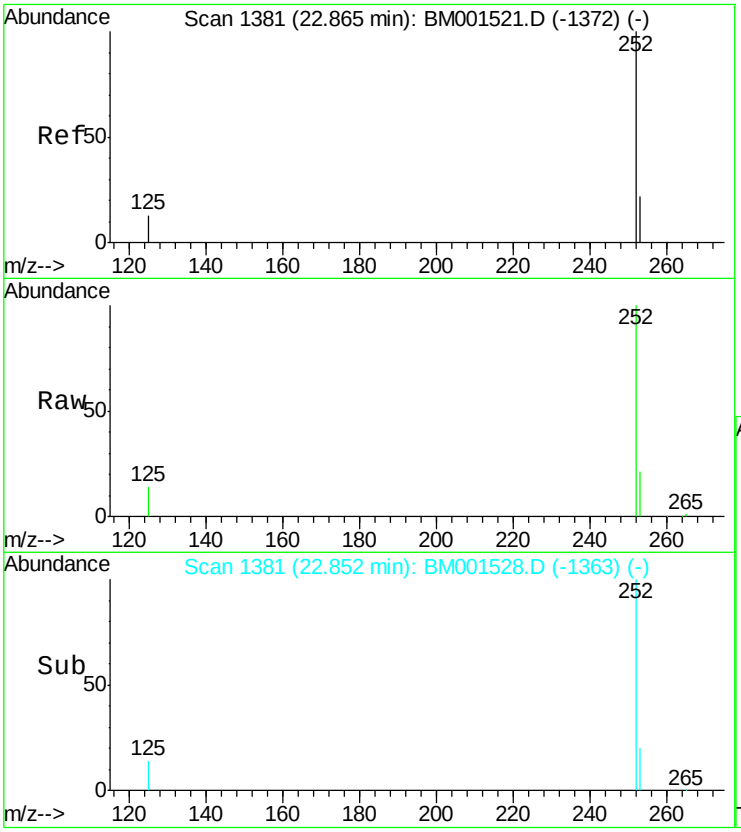


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:264 Resp: 36266

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.1	30.1
265	22.4	17.1	25.7



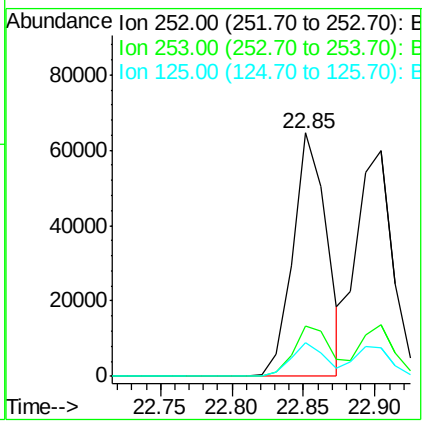


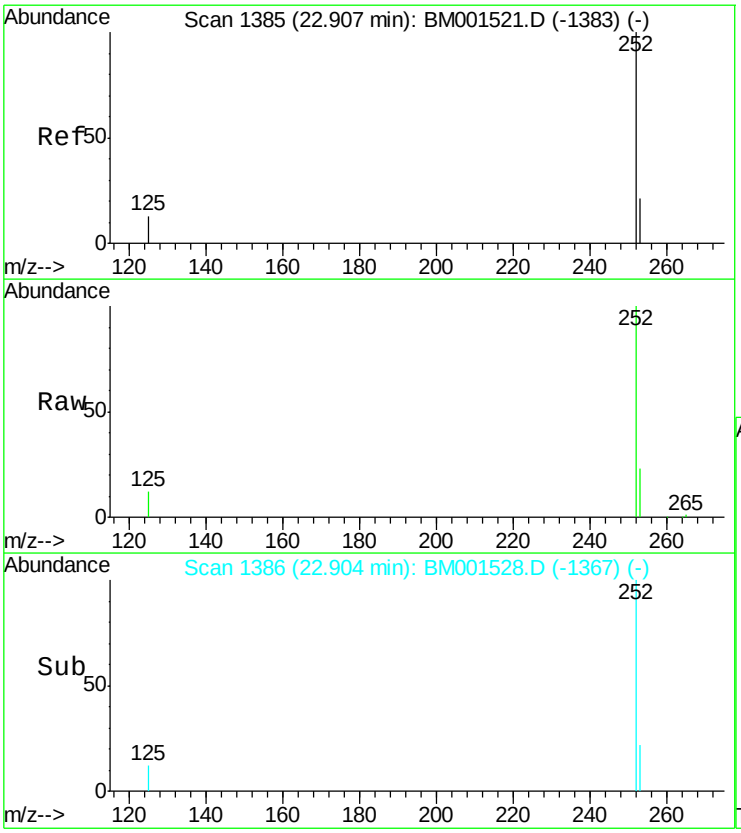
#33
Benzo(b)fluoranthene
Concen: 10.19 ng
RT: 22.85 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:252 Resp: 105471

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.0
125	14.1	10.2	15.4

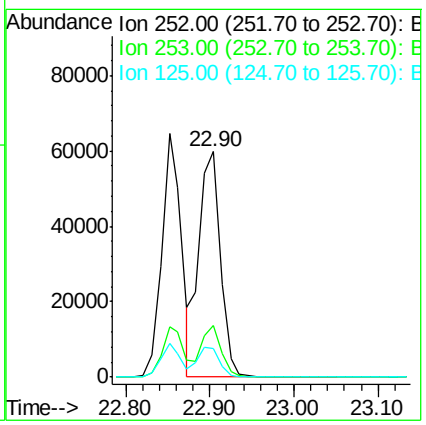


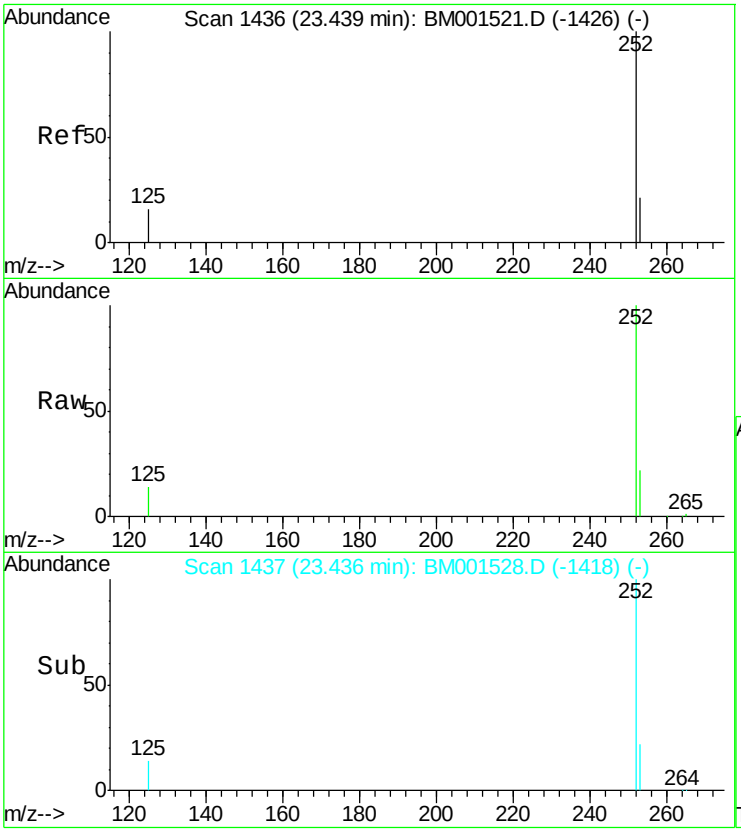


#34
Benzo(k)fluoranthene
Concen: 11.49 ng
RT: 22.90 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:252 Resp: 104000

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	12.5	9.7	14.5



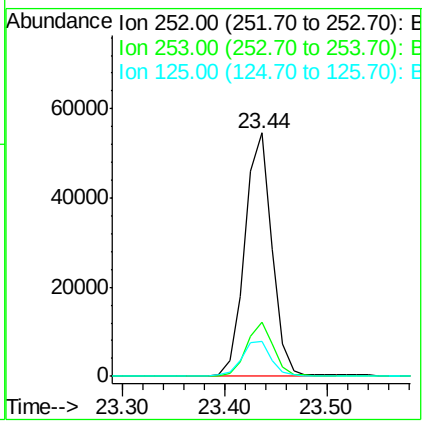


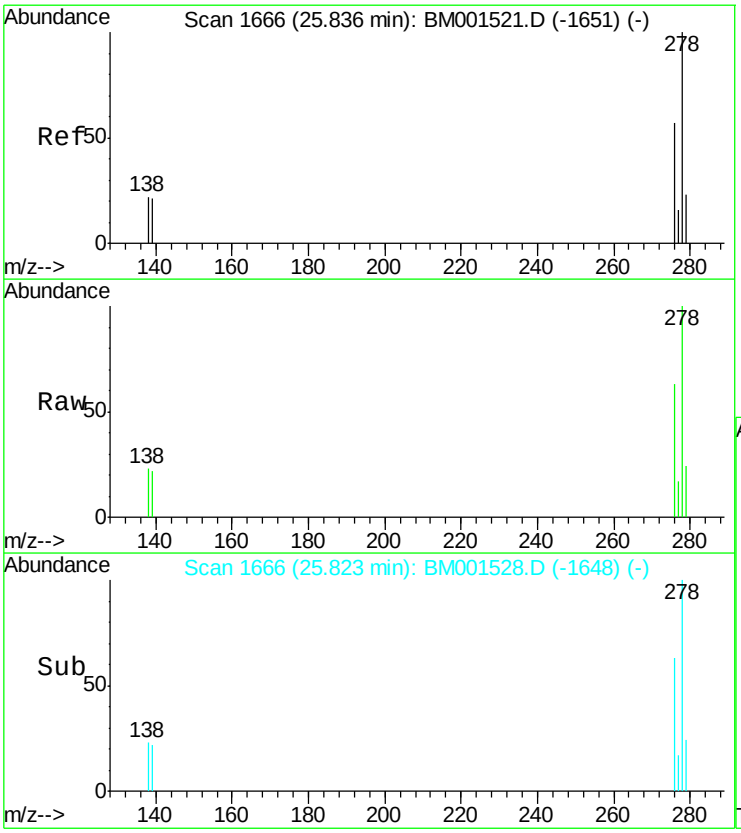
#35
Benzo(a)pyrene
Concen: 11.32 ng
RT: 23.44 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:252 Resp: 99887

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	14.3	10.7	16.1

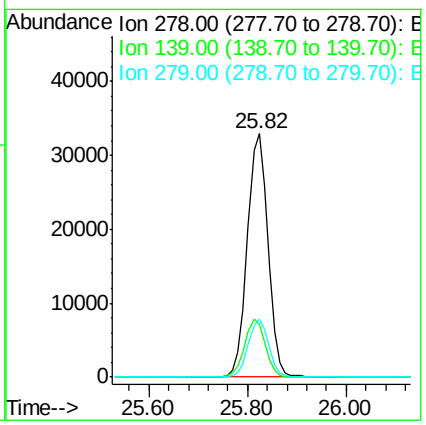


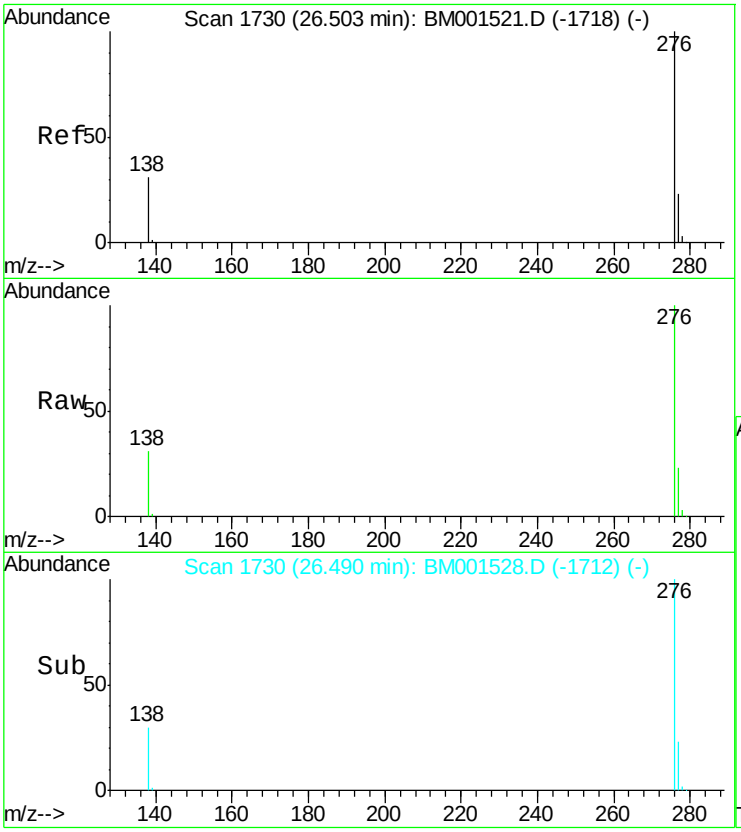


#36
Dibenzo(a,h)anthracene
Concen: 10.47 ng
RT: 25.82 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Tgt Ion:278 Resp: 92012

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.7	23.5
279	23.7	19.4	29.2





#37
Benzo(g,h,i)perylene
Concen: 10.30 ng
RT: 26.49 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BM001528.D
Acq: 03 Jun 2015 00:13

Instrument :
BNA_M
ClientSampleId :
PB83718BS

Tgt Ion:276 Resp: 94640

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.6
138	30.6	20.2	30.2#