Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001529.D
Acq On : 03 Jun 2015 00:49
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83718BSD

Quant Time: Jun 03 03:19:25 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	15960	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	55085	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	25885	5.00	ng		-0.01
18) Phenanthrene-d10	17.10	188	67872	5.00	ng		0.00
25) Chrysene-d12	21.30	240	42652	5.00	ng		0.00
32) Perylene-d12	23.54	264	38326	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	48615	13.93	ng		-0.02
5) Phenol-d6	6.86	99	62274	14.44	ng		0.00
7) Nitrobenzene-d5	8.87	82	35998	10.50	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	15794	32.72	ng		0.00
14) 2-Fluorobiphenyl	12.98	172	76667	9.86	ng		-0.01
27) Terphenyl-d14	19.74	244	51756	9.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	13460	9.75	ng		98
3) n-Nitrosodimethylamine	3.52	42	22754	10.04	ng		93
8) Nitrobenzene	8.91	77	40710	11.18	ng		98
9) Naphthalene	10.54	128	108684	9.35	ng		97
10) Hexachlorobutadiene	10.83	225	19487	9.61	ng		100
11) 2-Methylnaphthalene	12.16	142	72210	9.90	ng		97
15) Acenaphthylene	14.08	152	114681	10.37	ng		100
16) Acenaphthene	14.42	154	64977	9.40	ng		99
17) Fluorene	15.40	166	61641	5.35	ng		93
19) 4-Bromophenyl-phenylether	16.28	248	20266	21.44	ng	#	58
20) Hexachlorobenzene	16.42	284	13087	5.15	ng	#	37
21) Pentachlorophenol	16.76	266	122563	81.84	ng	#	89
22) Phenanthrene	17.13	178	175883	14.82	ng		95
23) Anthracene	17.23	178	79199	5.52	ng		94
24) Fluoranthene	19.16	202	129450	10.87	ng		98
26) Pyrene	19.52	202	138375	10.75	ng		99
28) Benzo(a)anthracene	21.27	228	118423	10.31	ng		97
29) Chrysene	21.27	228	118423	10.89	ng		93
30) Bis(2-ethylhexyl)phthalate	21.20	149	97633	12.04	ng		98
31) Indeno(1,2,3-cd)pyrene	25.80	276	123058	10.18	ng	#	93
33) Benzo(b)fluoranthene	22.85	252	112341	10.27	ng		97
34) Benzo(k)fluoranthene	22.90	252	110488	11.55	ng		98
35) Benzo(a)pyrene	23.44	252	106058	11.37	ng		98
36) Dibenzo(a,h)anthracene	25.82	278	100156	10.79	ng		98
37) Benzo(g,h,i)perylene	26.50	276	103142	10.62	ng		96

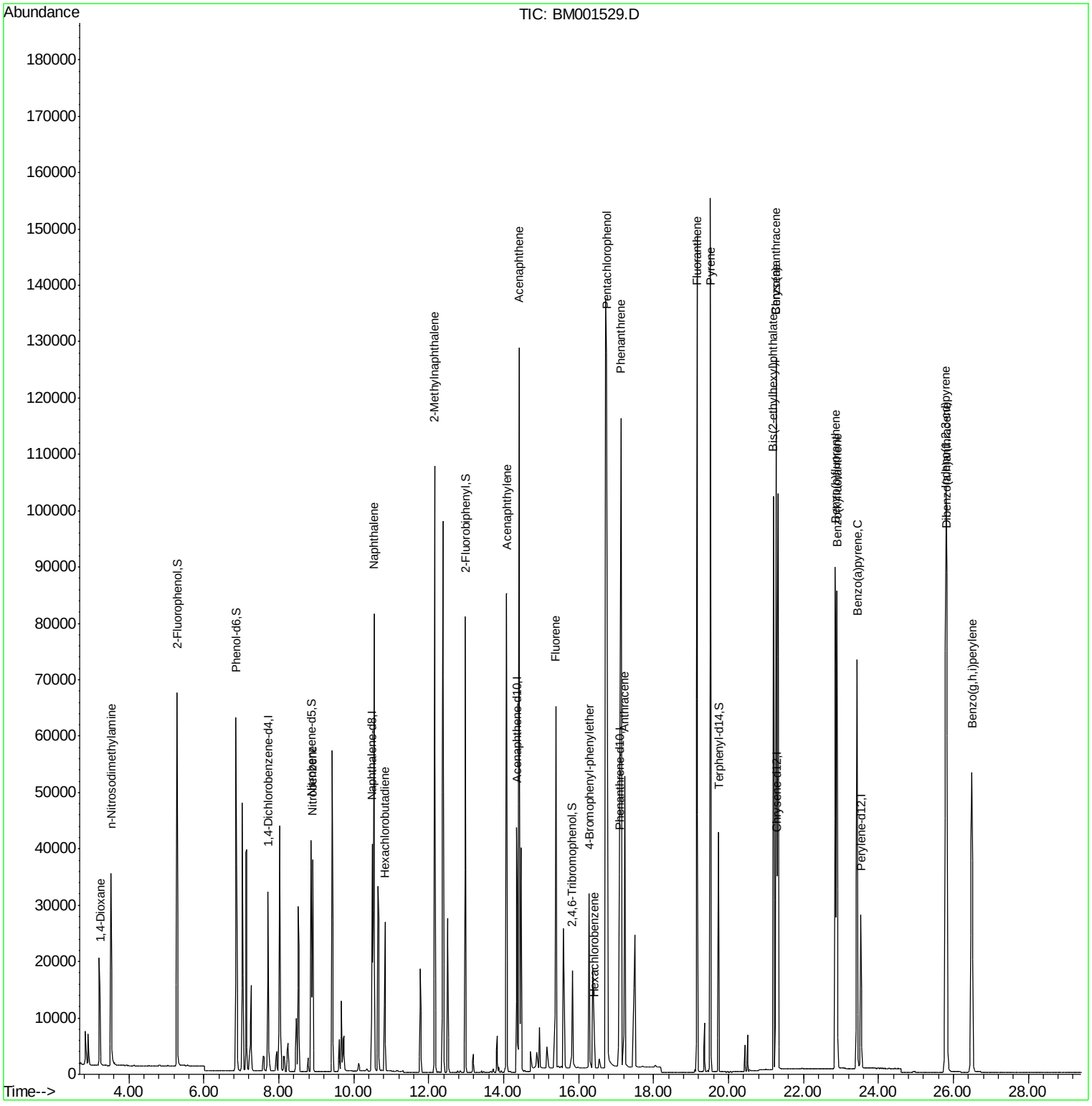
(#) = qualifier out of range (m) = manual integration (+) = signals summed

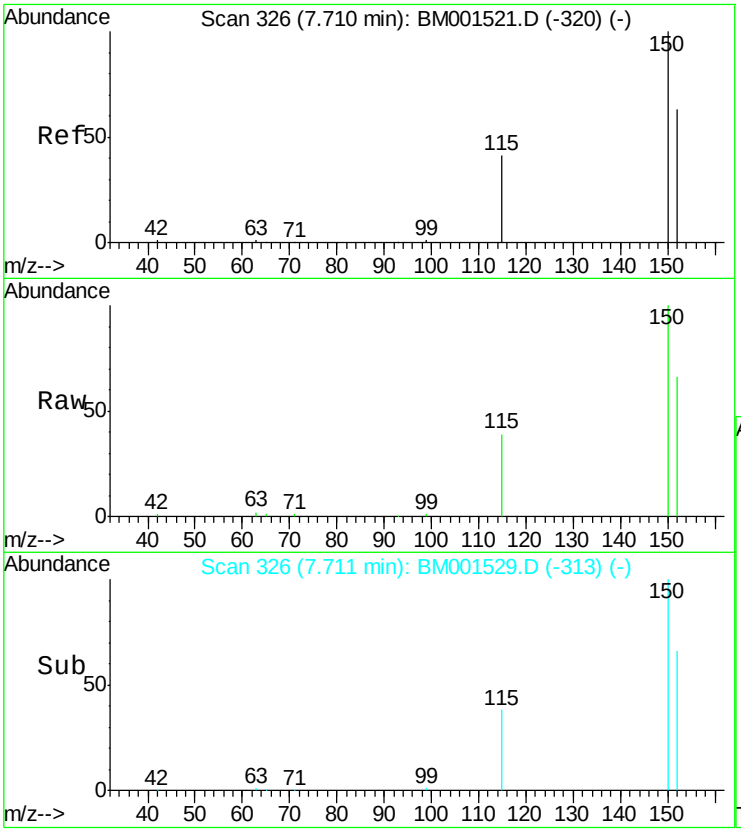
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001529.D
Acq On : 03 Jun 2015 00:49
Operator : TP/IZ
Sample : PB83718BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Quant Time: Jun 03 03:19:25 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



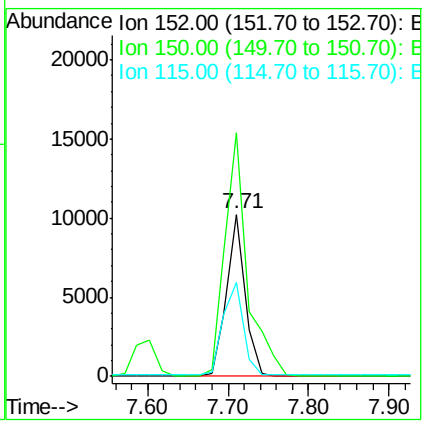


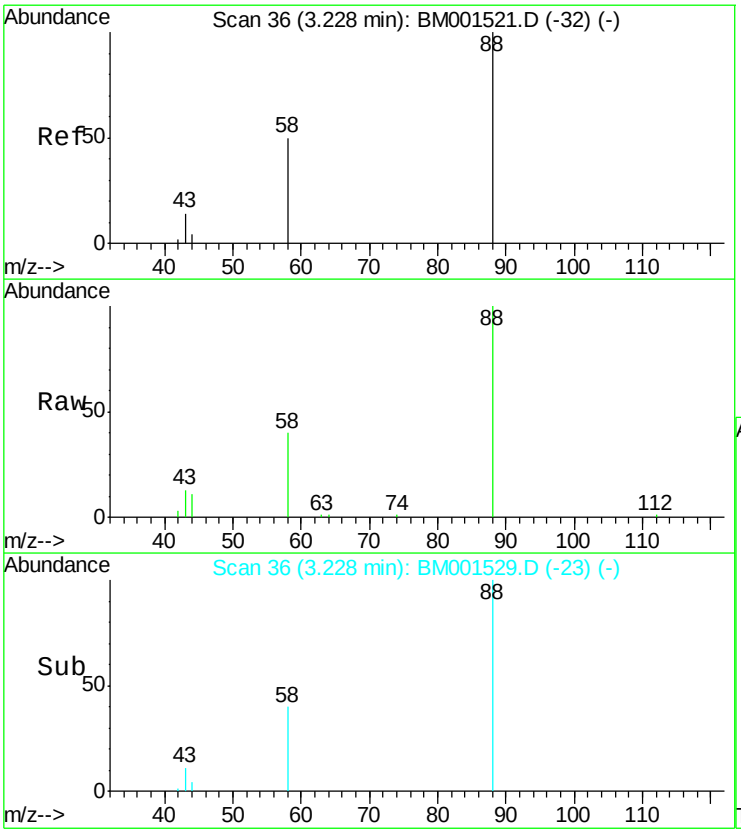
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 15960

Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.0	178.6
115	58.0	41.8	62.8

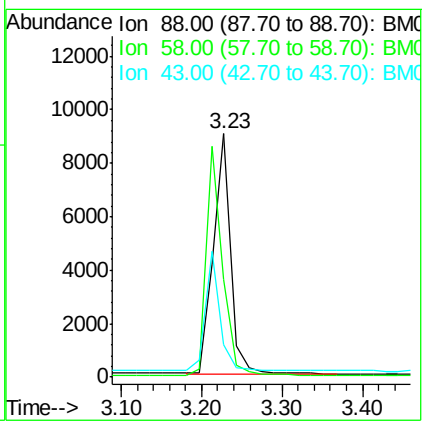


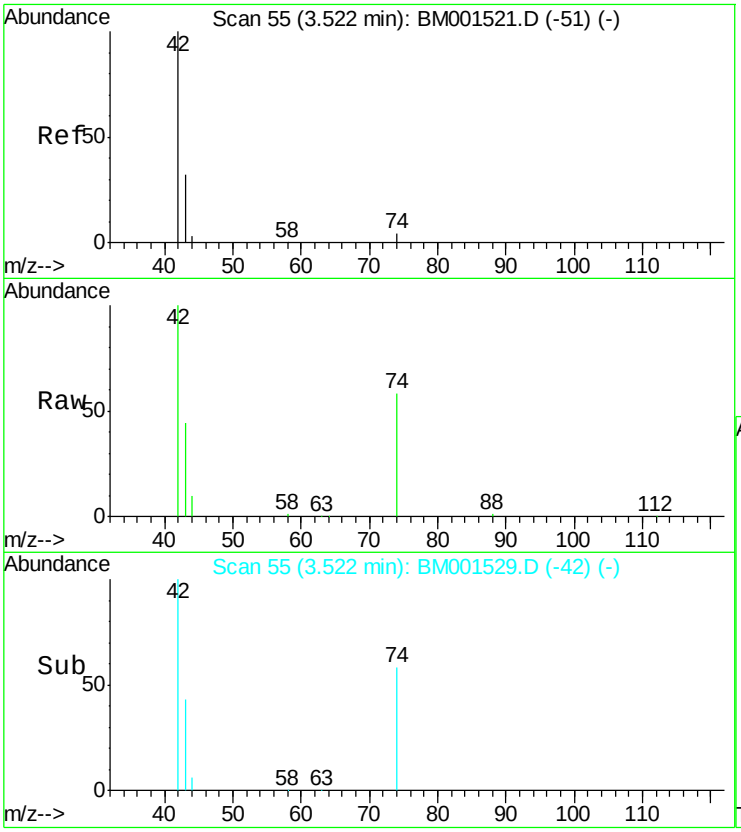


#2
1,4-Dioxane
Concen: 9.75 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion: 88 Resp: 13460

Ion	Ratio	Lower	Upper
88	100		
58	89.7	71.3	106.9
43	42.3	35.5	53.3



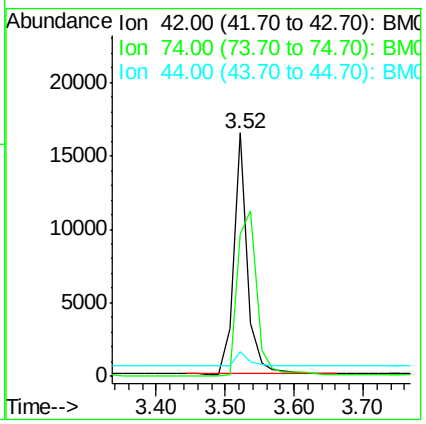


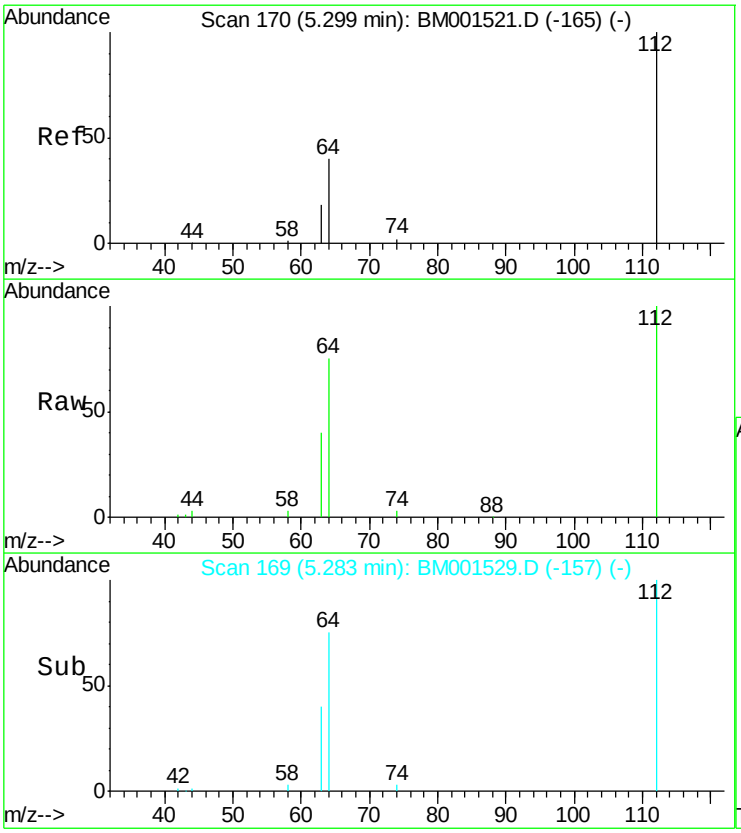
#3
n-Nitrosodimethylamine
Concen: 10.04 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 42 Resp: 22754

Ion	Ratio	Lower	Upper
42	100		
74	97.5	72.2	108.2
44	6.6	6.2	9.2

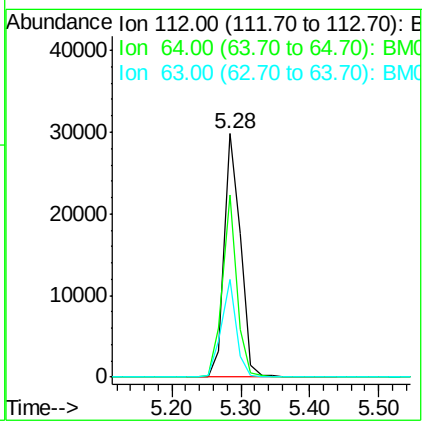


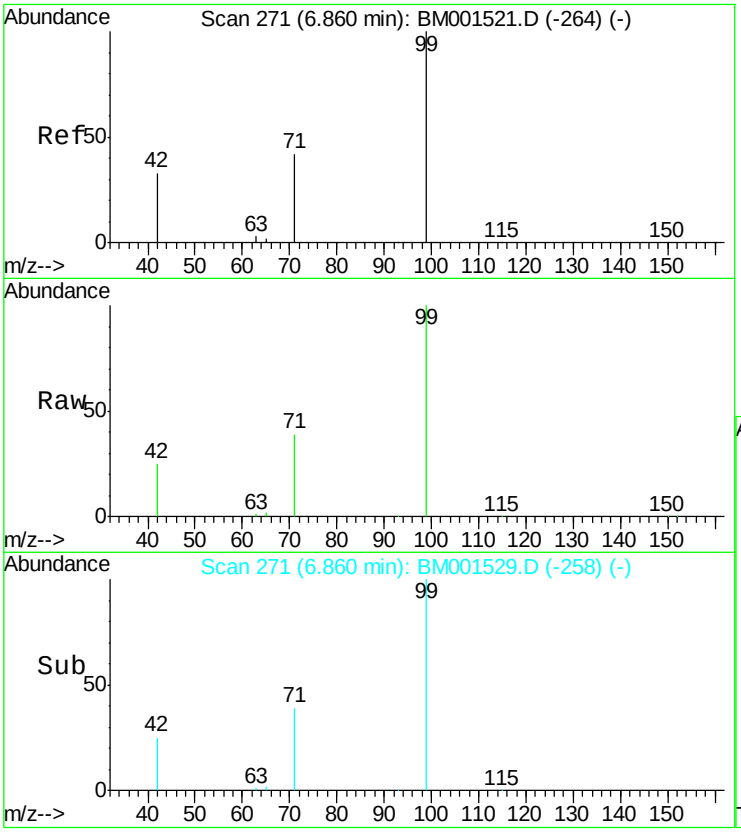


#4
2-Fluorophenol
Concen: 13.93 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:112 Resp: 48615

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.7	77.5
63	36.6	29.7	44.5



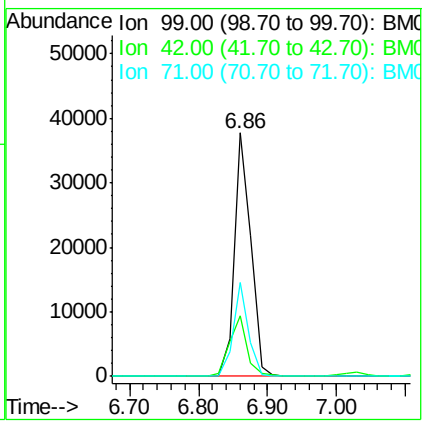


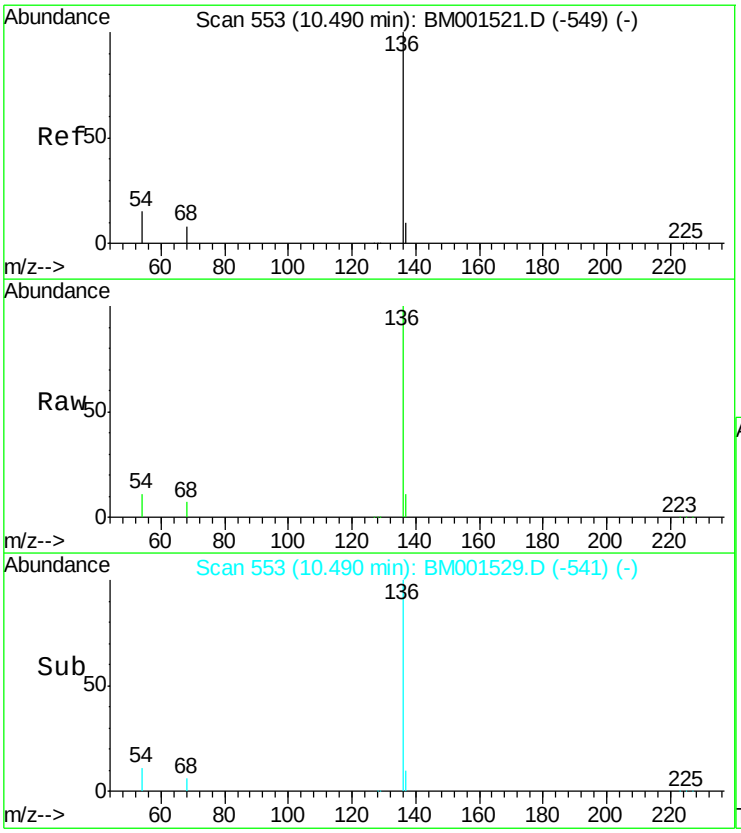
#5
Phenol-d6
Concen: 14.44 ng
RT: 6.86 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 99 Resp: 62274

Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.8	32.6
71	35.7	29.2	43.8

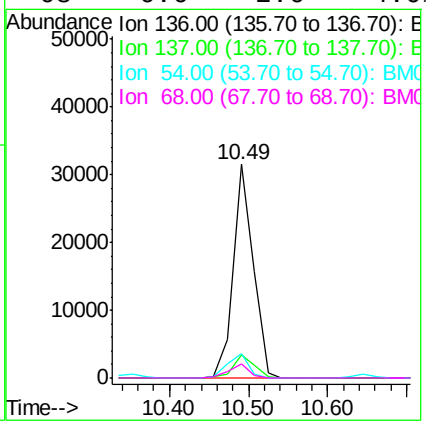


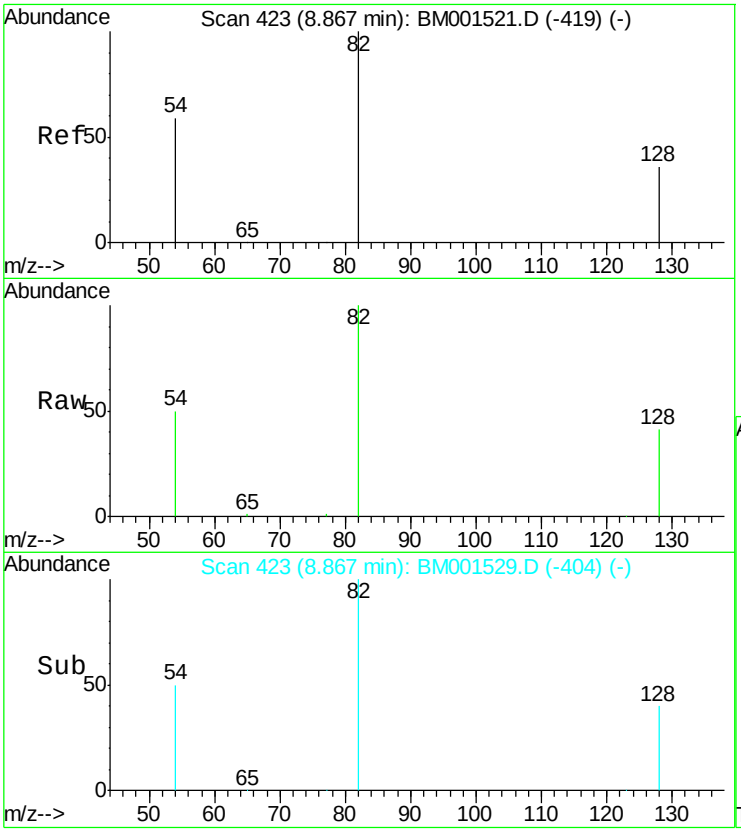


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:136 Resp: 55085

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.2	4.3	6.5#
68	6.6	2.6	4.0#



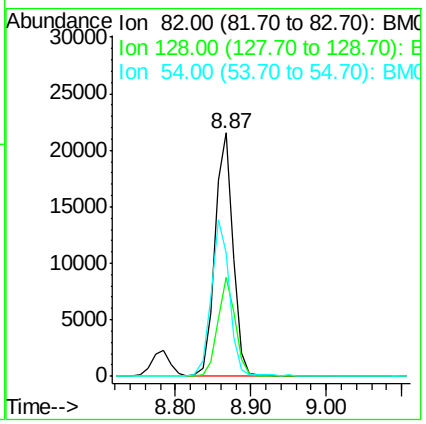


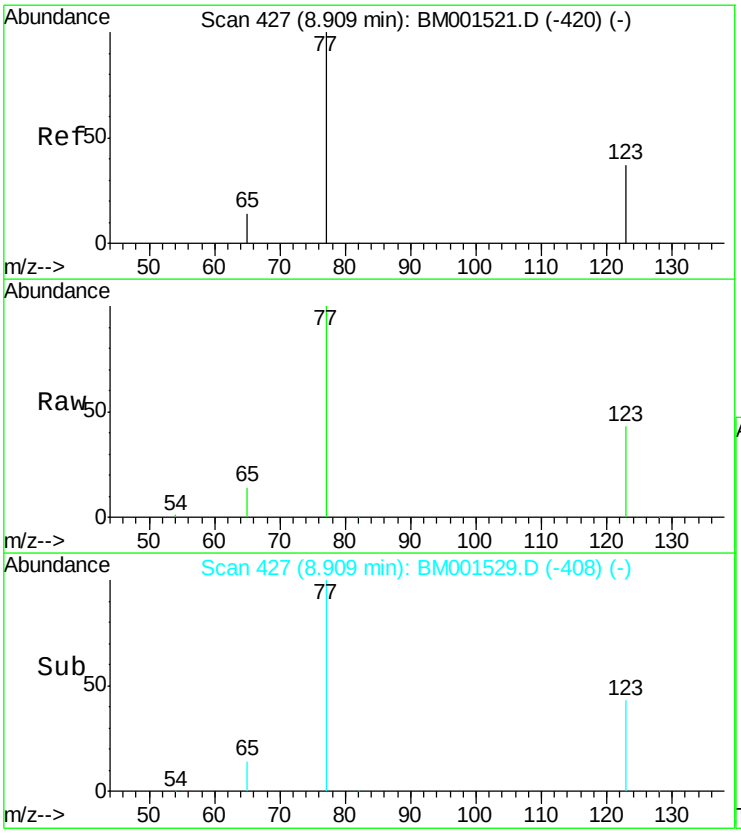
#7
Nitrobenzene-d5
Concen: 10.50 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion: 82 Resp: 35998

Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.2	45.4
54	50.4	52.9	79.3#

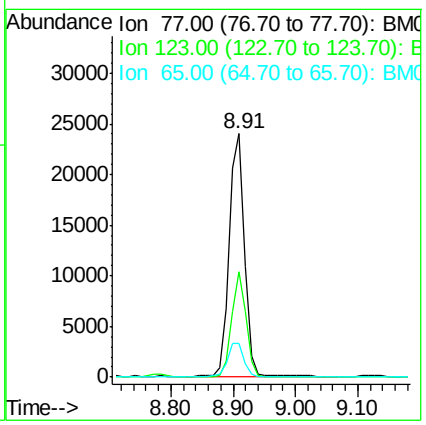


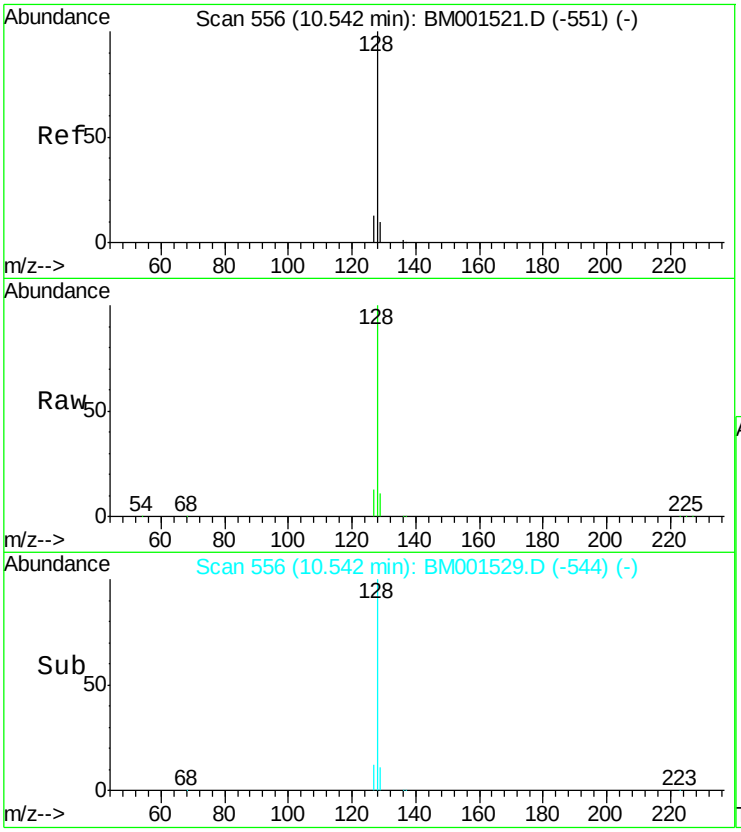


#8
Nitrobenzene
Concen: 11.18 ng
RT: 8.91 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion: 77 Resp: 40710

Ion	Ratio	Lower	Upper
77	100		
123	40.9	33.7	50.5
65	14.5	11.3	16.9



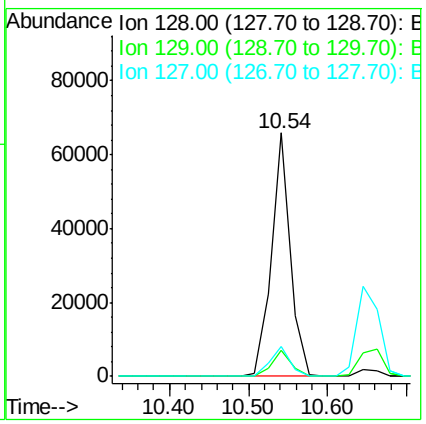


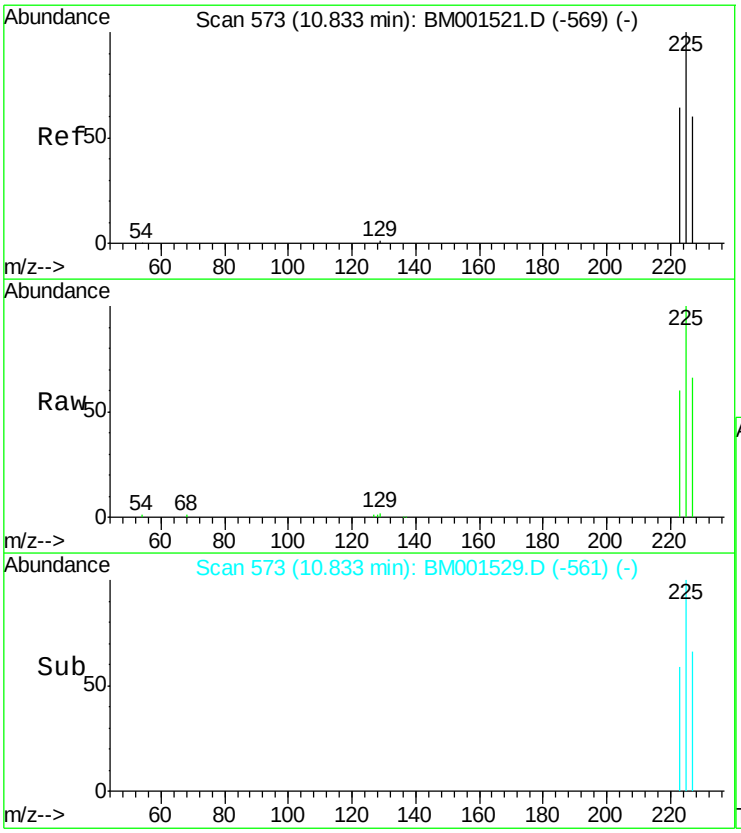
#9
Naphthalene
Concen: 9.35 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:128 Resp: 108684

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.5	11.7	17.5

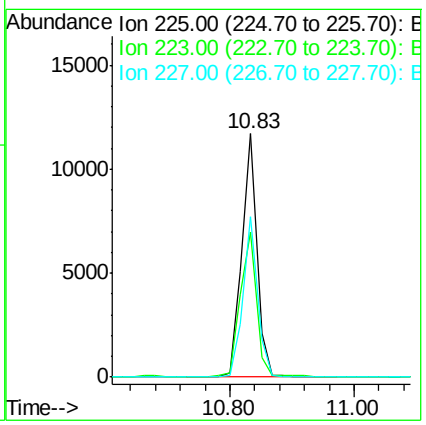


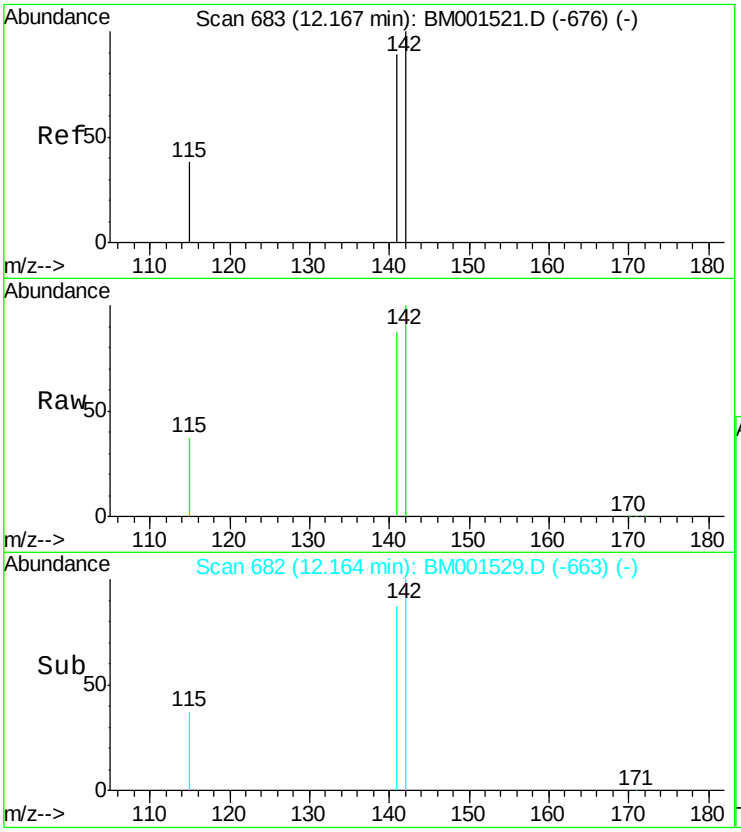


#10
Hexachlorobutadiene
Concen: 9.61 ng
RT: 10.83 min Scan# 573
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:225 Resp: 19487

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.6	51.1	76.7



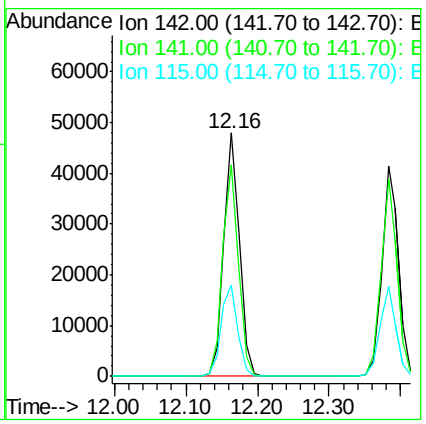


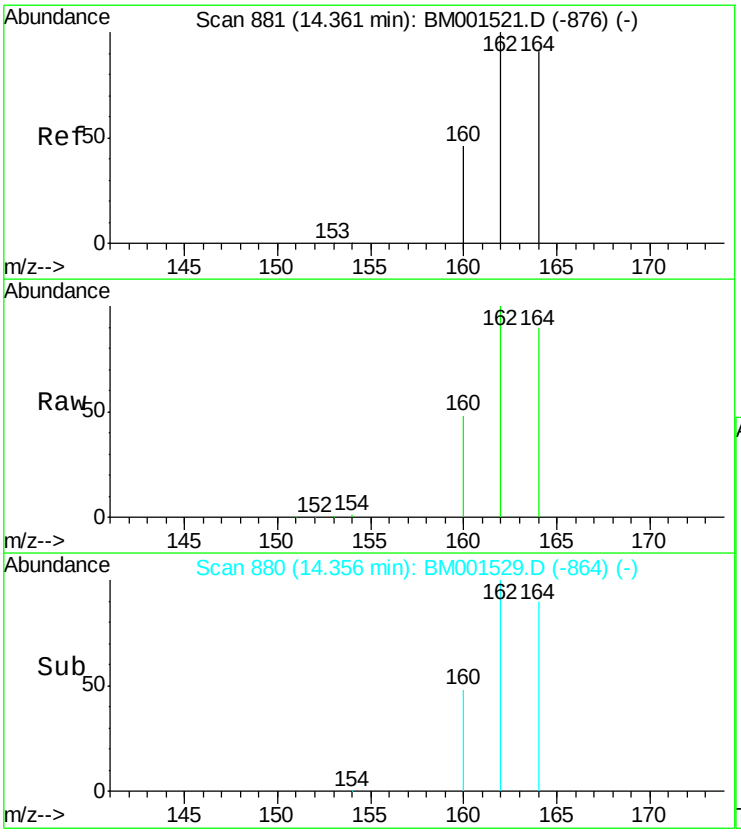
#11
2-Methylnaphthalene
Concen: 9.90 ng
RT: 12.16 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:142 Resp: 72210

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	109.0
115	37.5	31.2	46.8

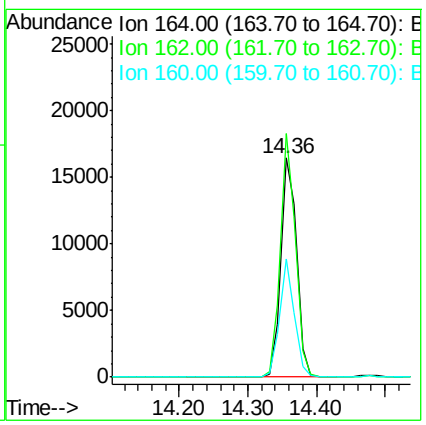


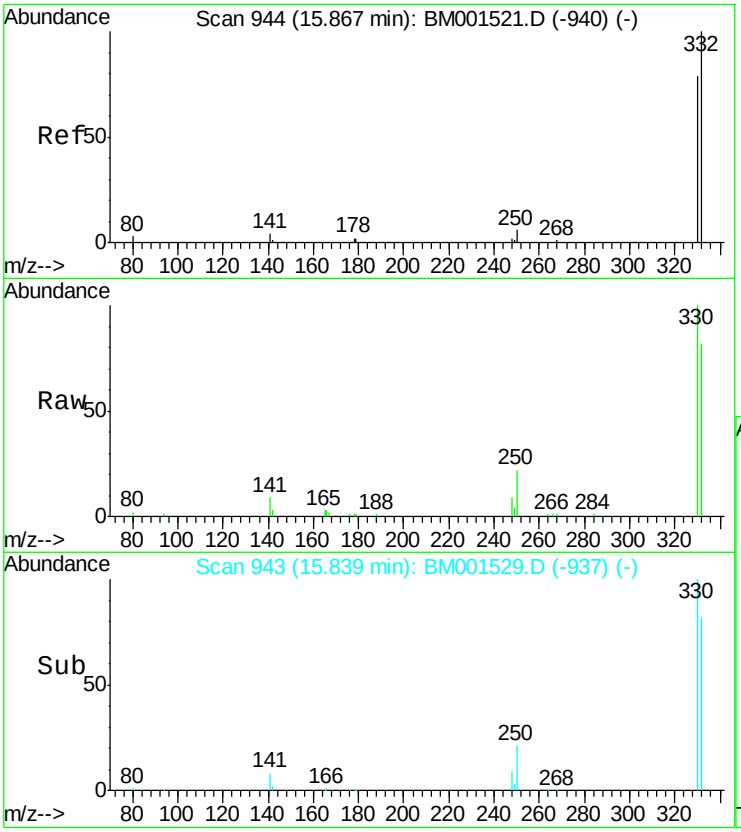


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 880
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:164 Resp: 25885

Ion	Ratio	Lower	Upper
164	100		
162	111.1	83.4	125.2
160	53.7	36.9	55.3



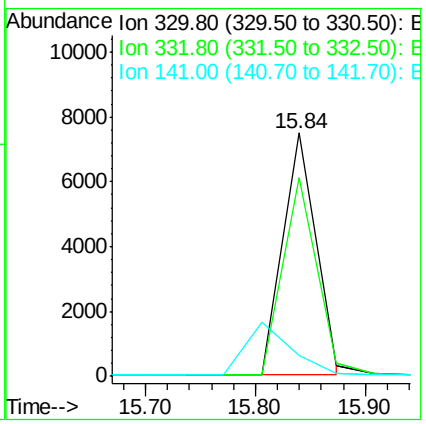


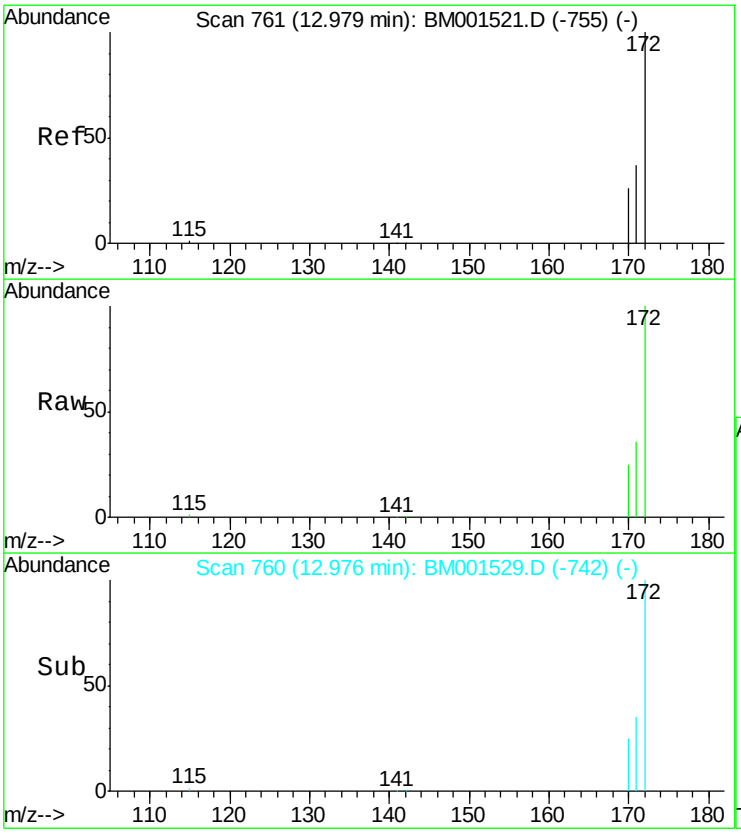
#13
2,4,6-Tribromophenol
Concen: 32.72 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:330 Resp: 15794

Ion	Ratio	Lower	Upper
330	100		
332	83.4	90.3	135.5#
141	0.0	0.0	0.0

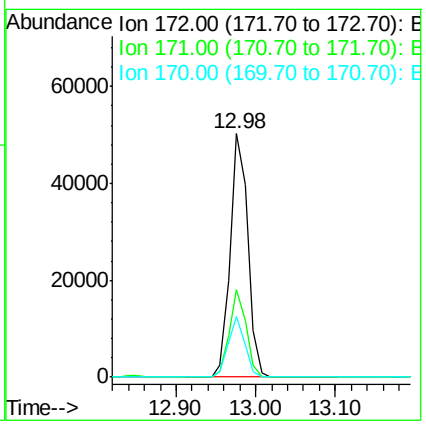


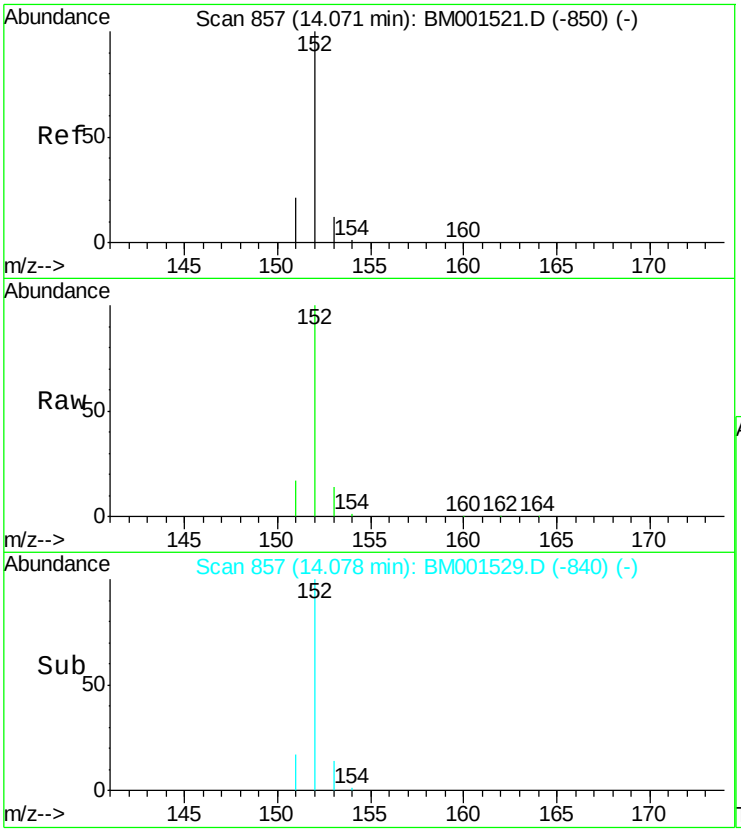


#14
2-Fluorobiphenyl
Concen: 9.86 ng
RT: 12.98 min Scan# 760
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:172 Resp: 76667

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.9	20.2	30.4



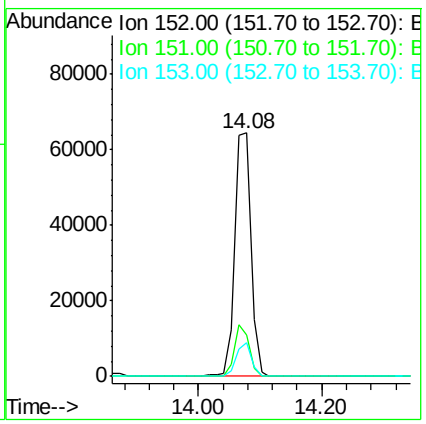


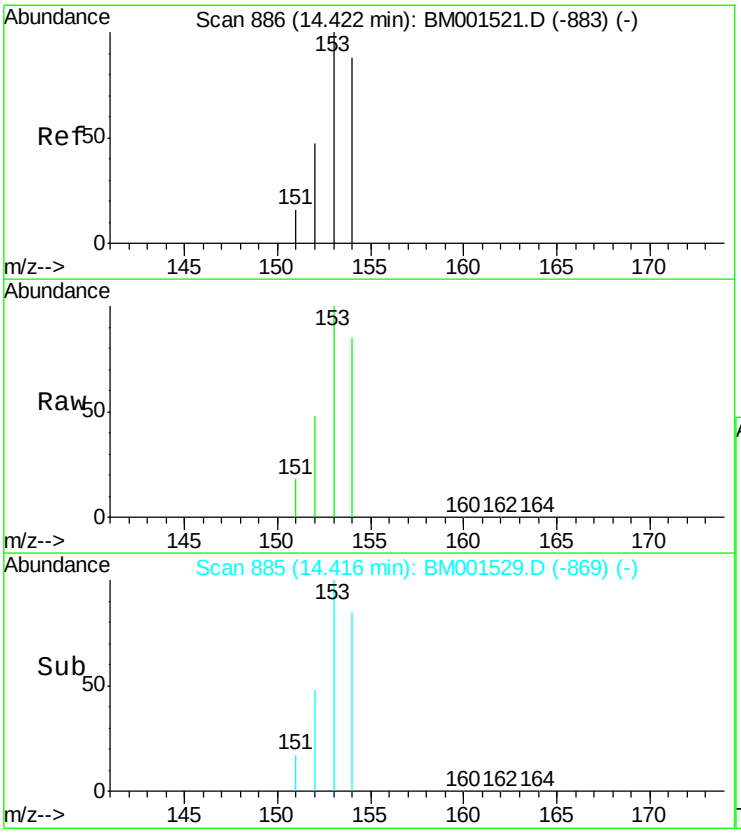
#15
Acenaphthylene
Concen: 10.37 ng
RT: 14.08 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:152 Resp: 114681

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7
153	12.8	10.2	15.4

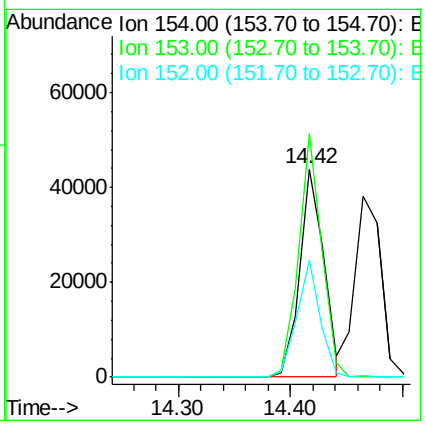


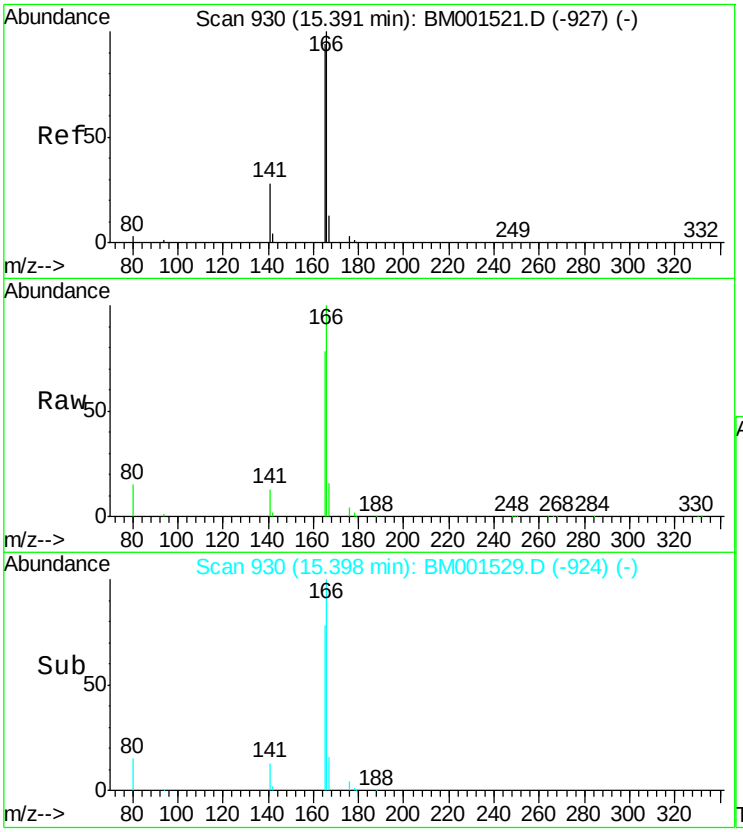


#16
Acenaphthene
Concen: 9.40 ng
RT: 14.42 min Scan# 885
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:154 Resp: 64977

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.4	137.2
152	54.2	44.0	66.0



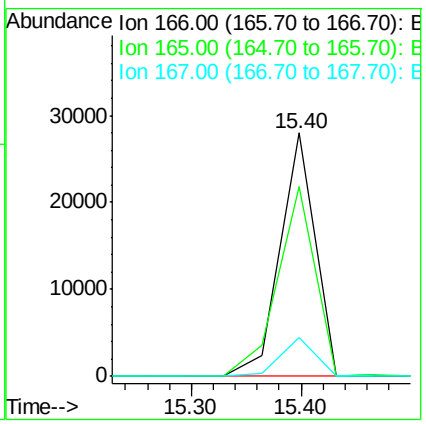


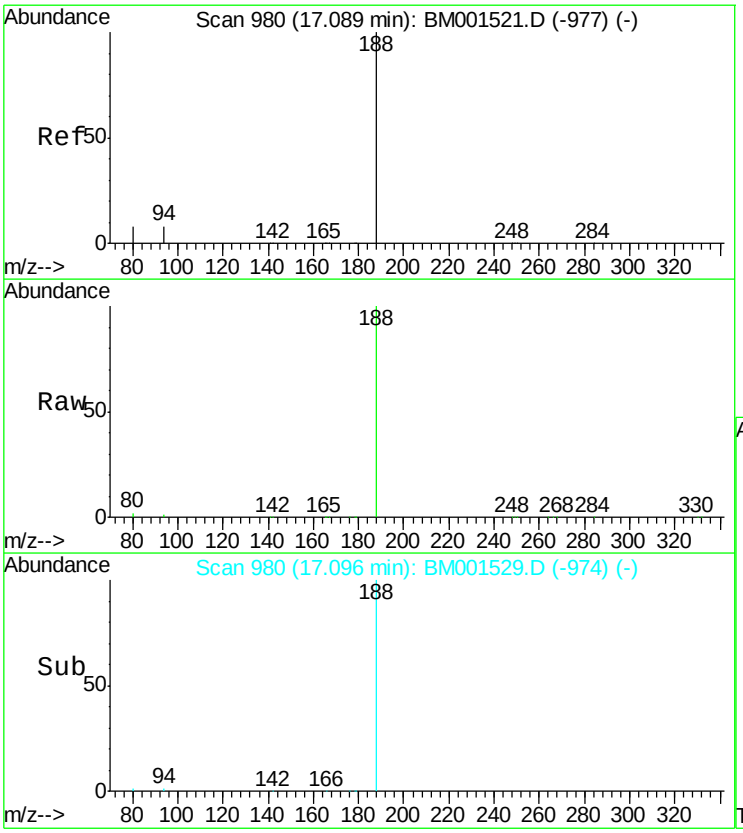
#17
Fluorene
Concen: 5.35 ng
RT: 15.40 min Scan# 930
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:166 Resp: 61641

Ion	Ratio	Lower	Upper
166	100		
165	83.6	72.6	108.8
167	15.2	10.9	16.3

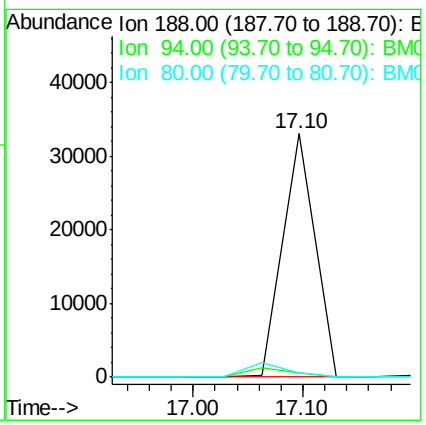


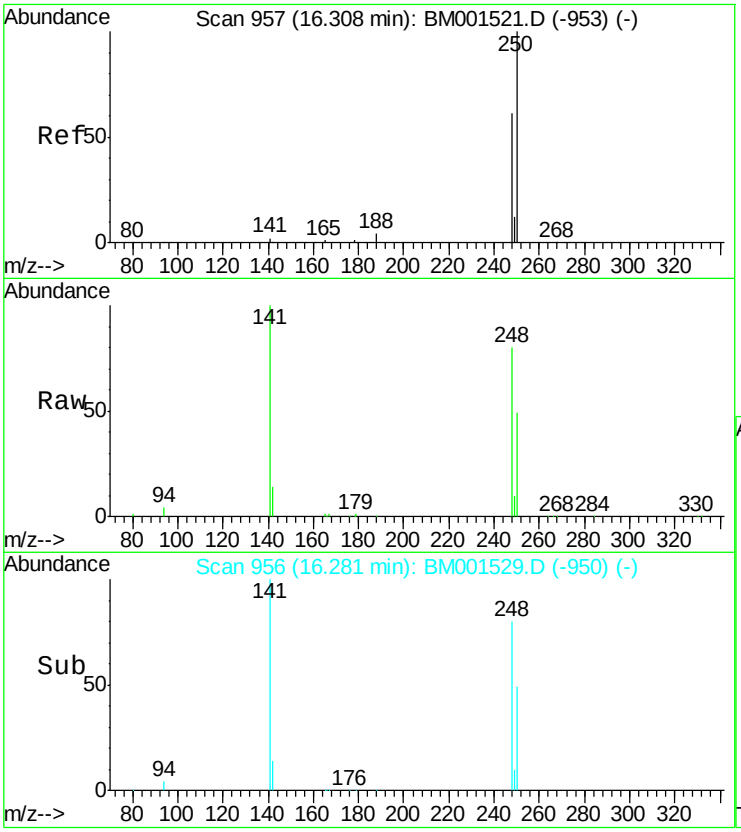


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.10 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:188 Resp: 67872

Ion	Ratio	Lower	Upper
188	100		
94	1.5	3.0	4.4#
80	1.6	2.5	3.7#



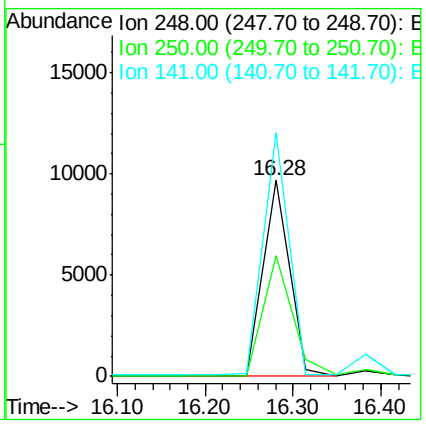


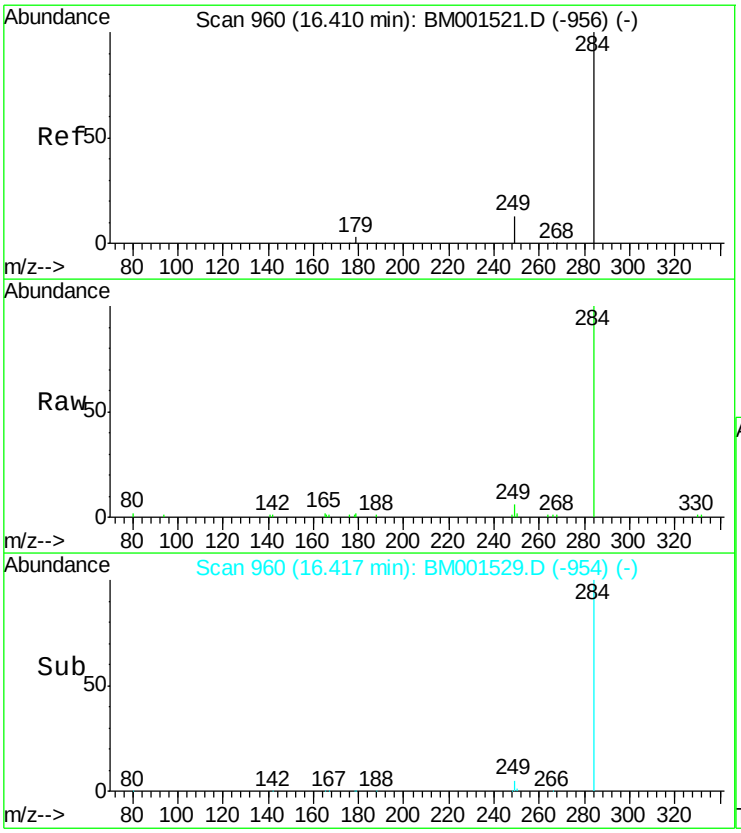
#19
4-Bromophenyl-phenylether
Concen: 21.44 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:248 Resp: 20266

Ion	Ratio	Lower	Upper
248	100		
250	67.6	76.8	115.2#
141	121.6	57.7	86.5#

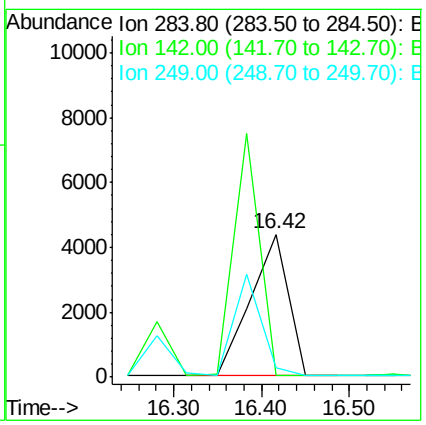


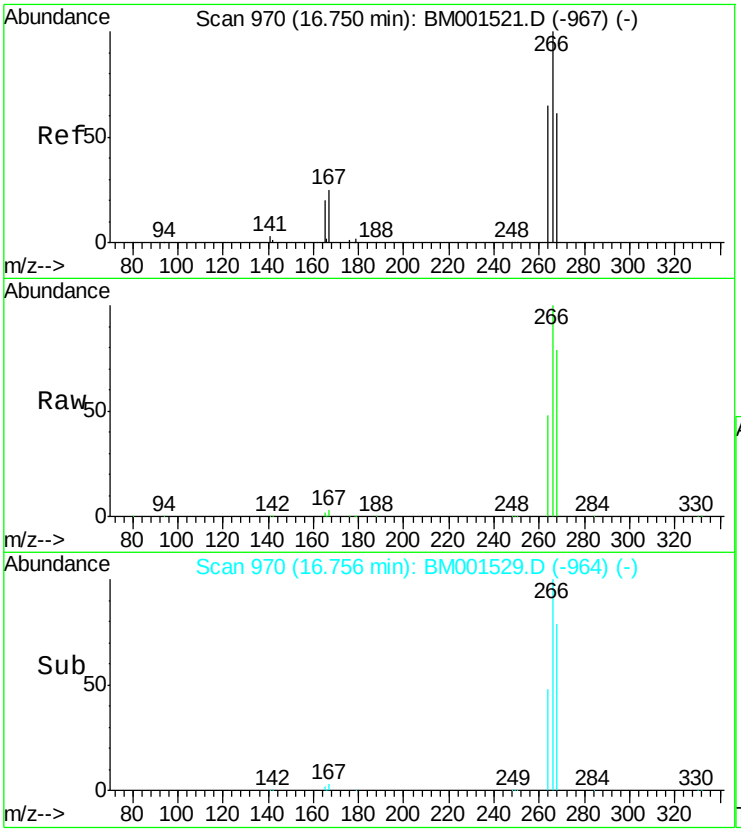


#20
Hexachlorobenzene
Concen: 5.15 ng
RT: 16.42 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:284 Resp: 13087

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



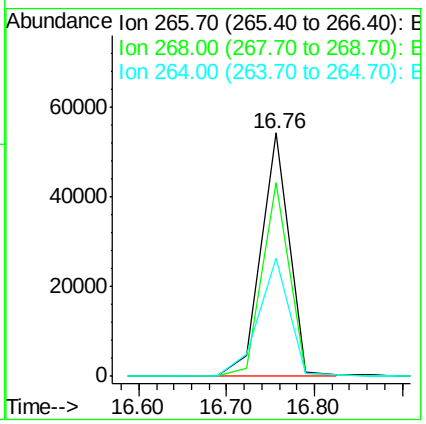


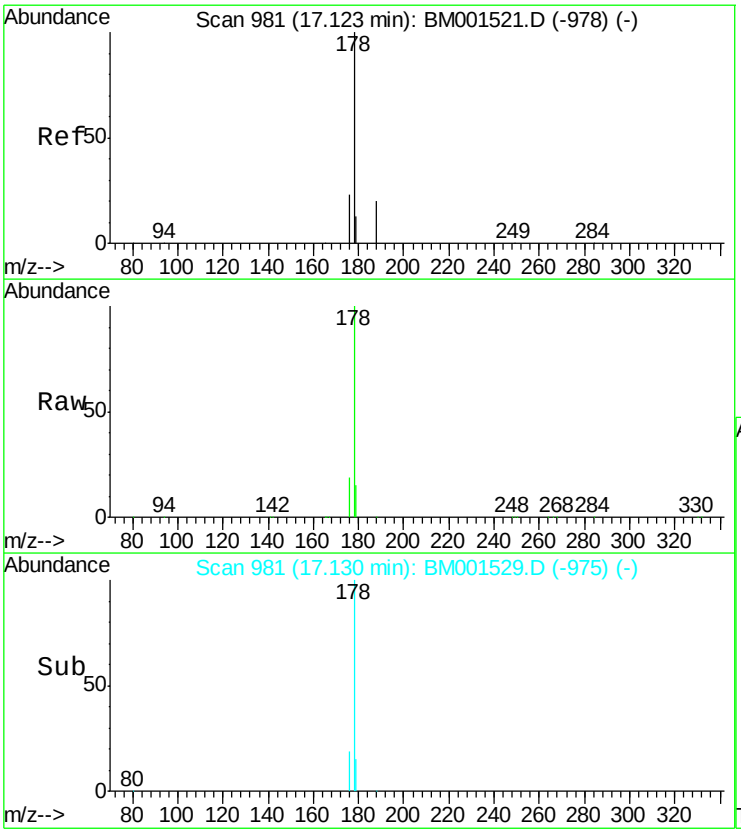
#21
Pentachlorophenol
Concen: 81.84 ng
RT: 16.76 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:266 Resp: 122563

Ion	Ratio	Lower	Upper
266	100		
268	79.4	63.0	94.4
264	48.3	52.8	79.2#

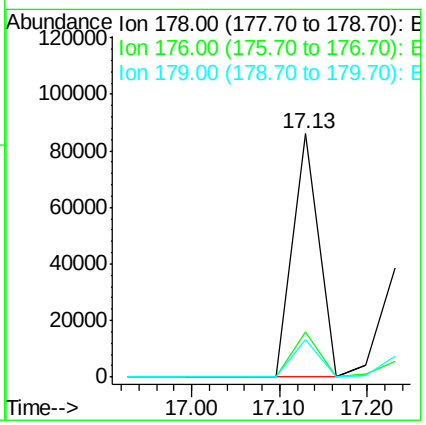


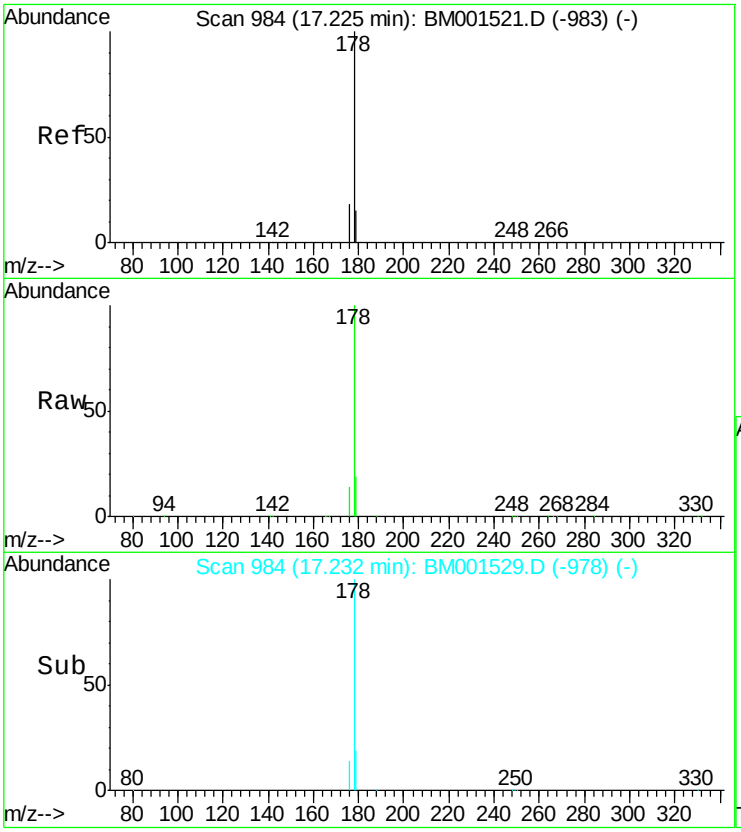


#22
Phenanthrene
Concen: 14.82 ng
RT: 17.13 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:178 Resp: 175883

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.8	25.2
179	15.1	11.0	16.4



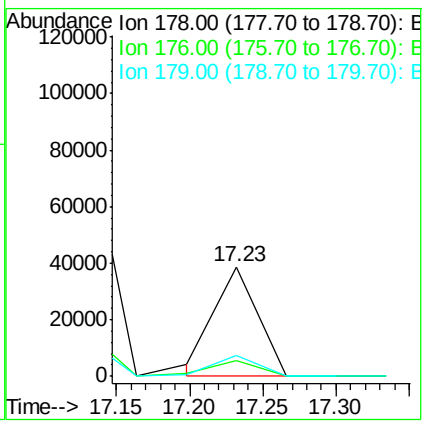


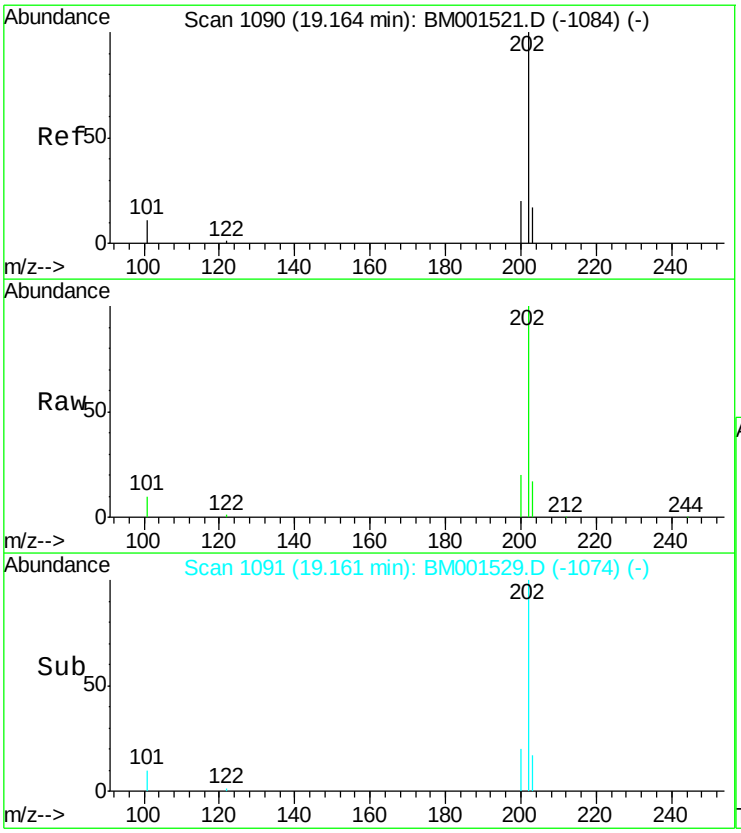
#23
Anthracene
Concen: 5.52 ng
RT: 17.23 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:178 Resp: 79199

Ion	Ratio	Lower	Upper
178	100		
176	14.3	13.1	19.7
179	18.7	12.8	19.2

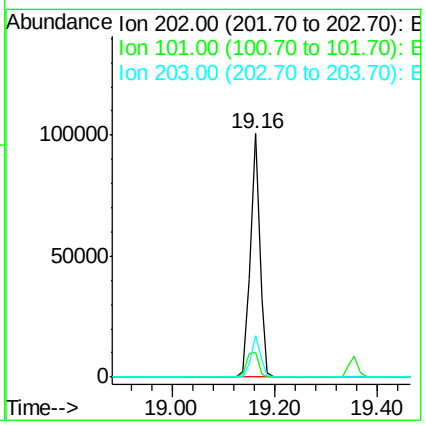


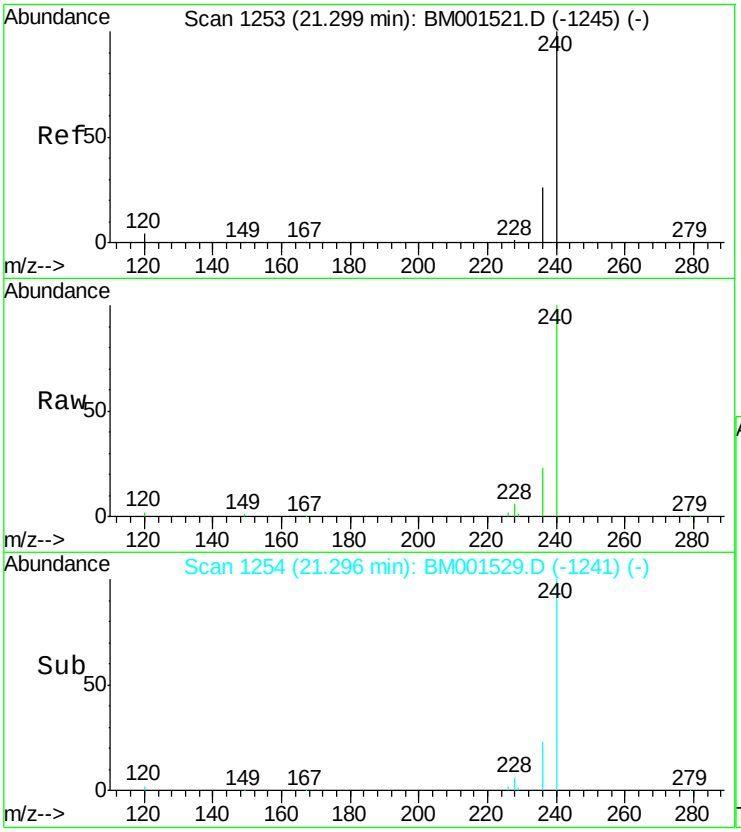


#24
Fluoranthene
Concen: 10.87 ng
RT: 19.16 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:202 Resp: 129450

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.6	12.8
203	17.2	13.8	20.6



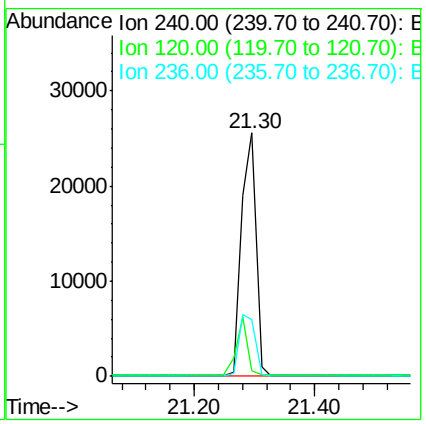


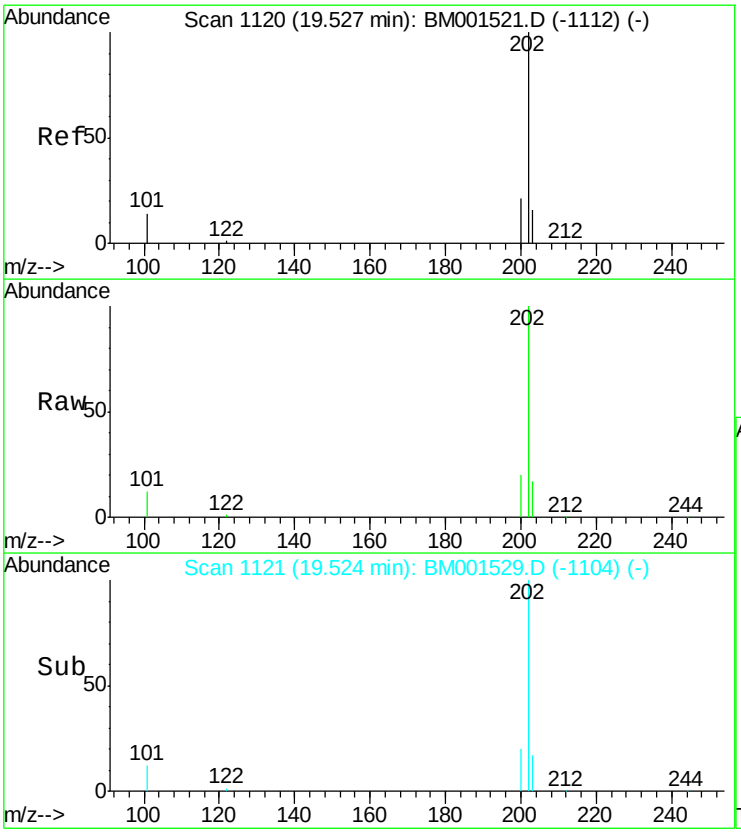
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:240 Resp: 42652

Ion	Ratio	Lower	Upper
240	100		
120	2.3	9.7	14.5#
236	23.1	24.8	37.2#

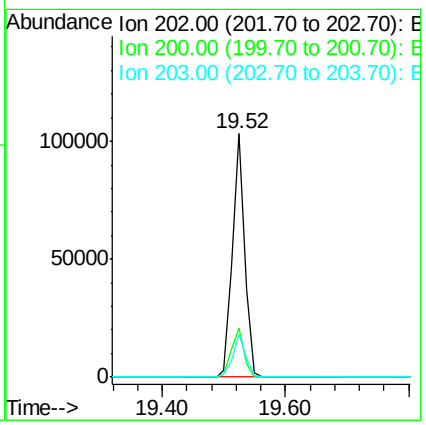


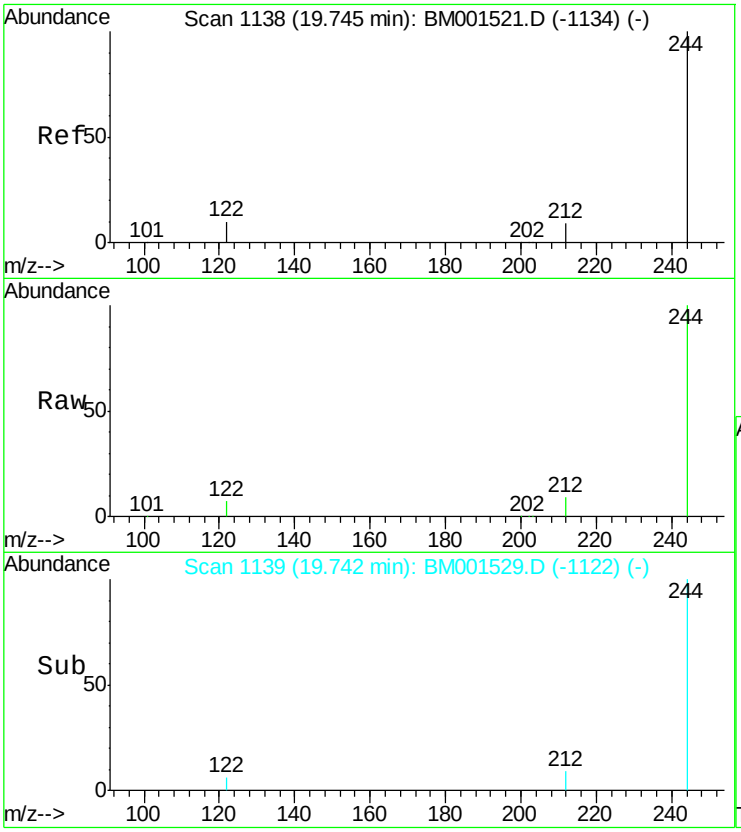


#26
Pyrene
Concen: 10.75 ng
RT: 19.52 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:202 Resp: 138375

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	17.9	13.9	20.9



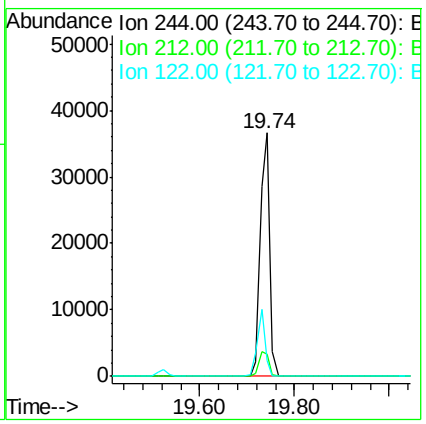


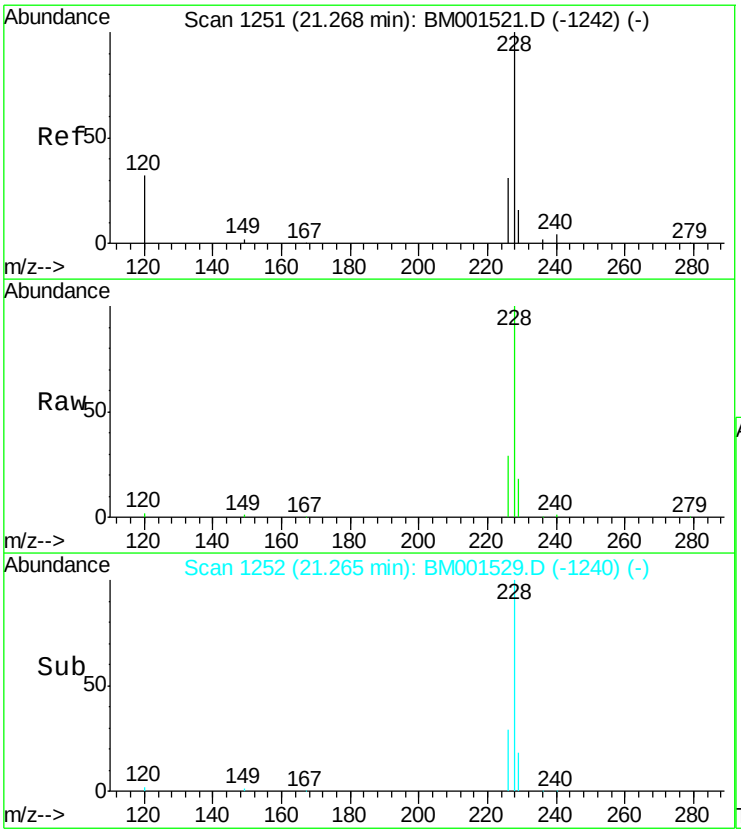
#27
Terphenyl-d14
Concen: 9.84 ng
RT: 19.74 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:244 Resp: 51756

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	6.5	5.1	7.7

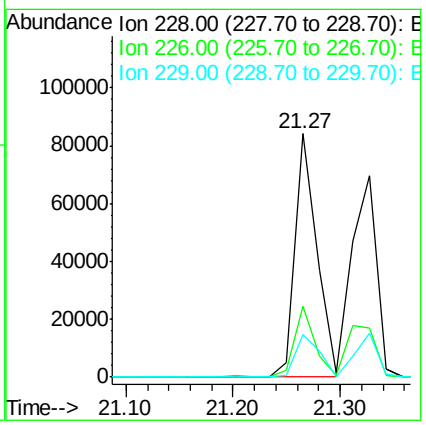


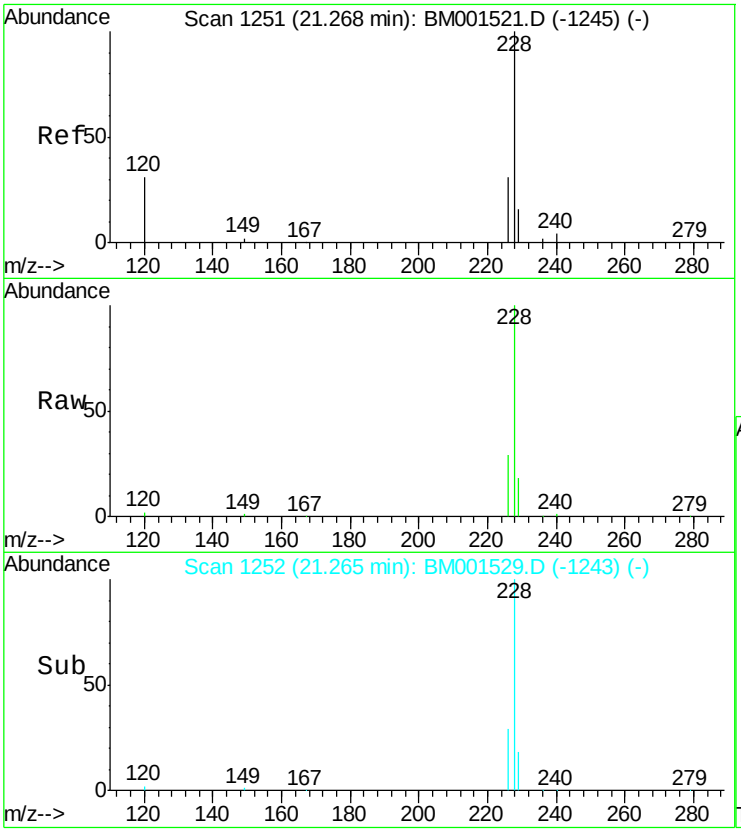


#28
Benzo(a)anthracene
Concen: 10.31 ng
RT: 21.27 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:228 Resp: 118423

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.9	32.9
229	17.7	15.1	22.7



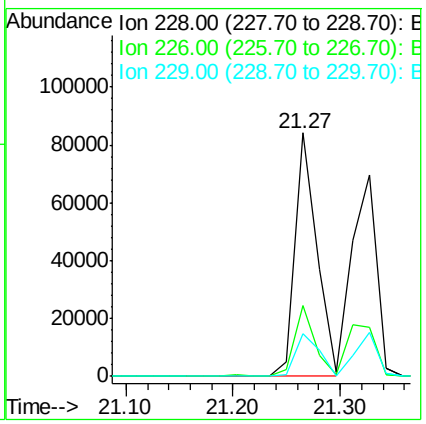


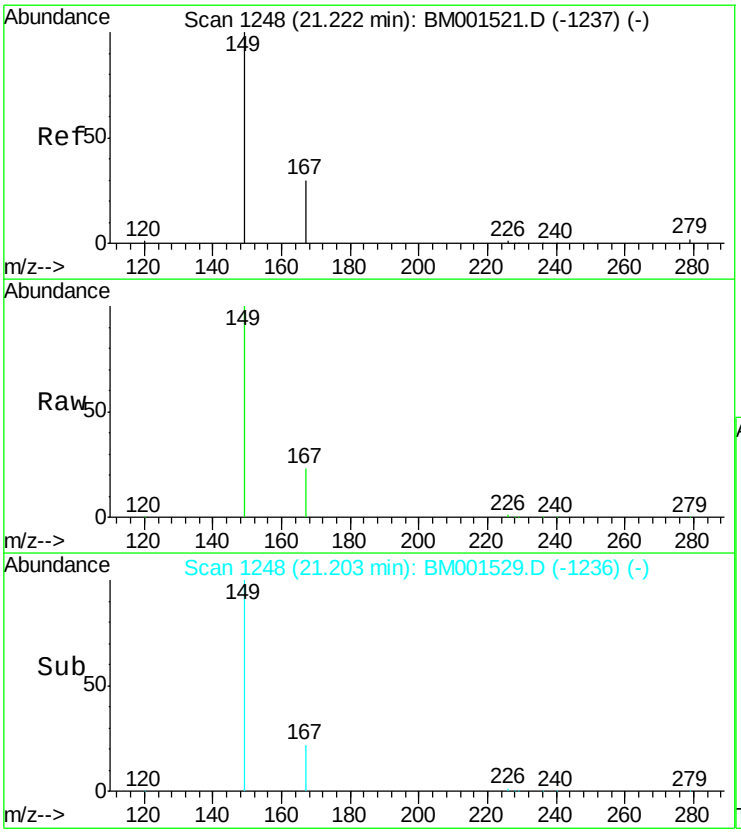
#29
Chrysene
Concen: 10.89 ng
RT: 21.27 min Scan# 1252
Delta R.T. -0.06 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:228 Resp: 118423

Ion	Ratio	Lower	Upper
228	100		
226	28.9	27.6	41.4
229	17.7	13.6	20.4

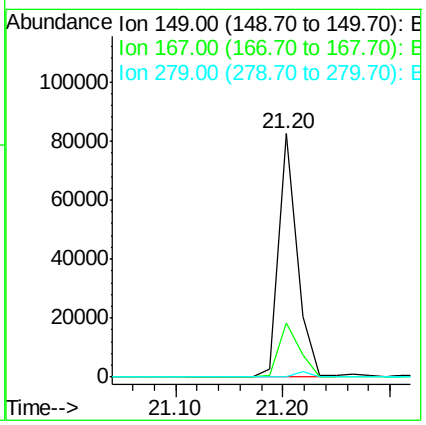


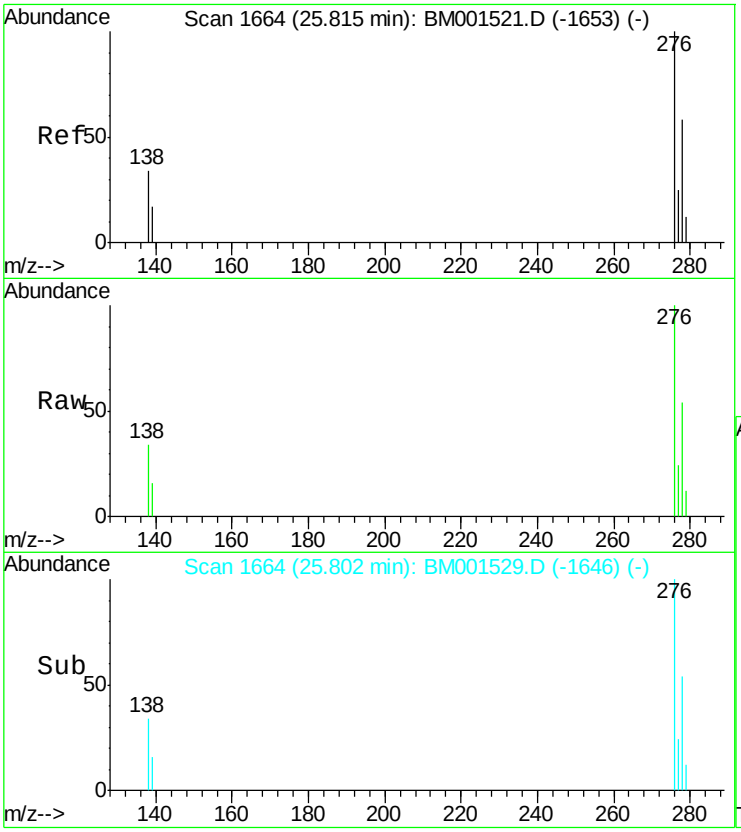


#30
Bis(2-ethylhexyl)phthalate
Concen: 12.04 ng
RT: 21.20 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:149 Resp: 97633

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.6
279	2.2	2.2	3.2



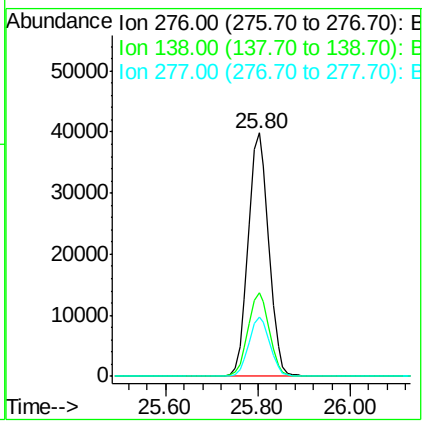


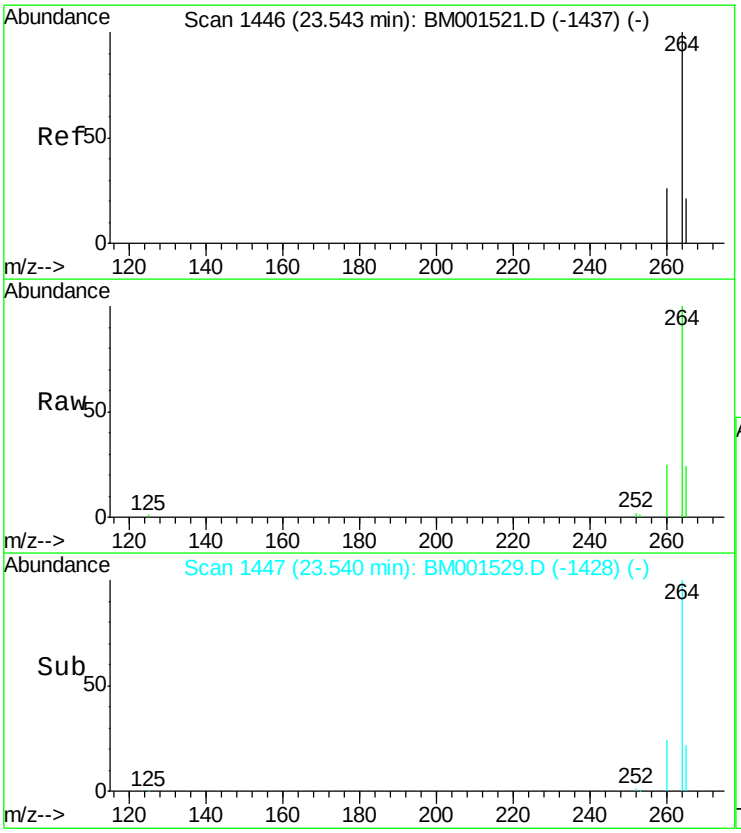
#31
Indeno(1,2,3-cd)pyrene
Concen: 10.18 ng
RT: 25.80 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 123058

Ion	Ratio	Lower	Upper
276	100		
138	35.4	23.4	35.0#
277	24.7	19.5	29.3

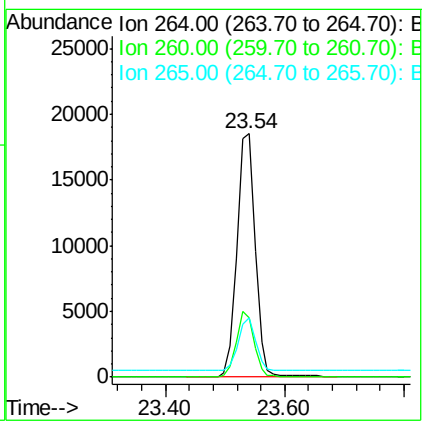


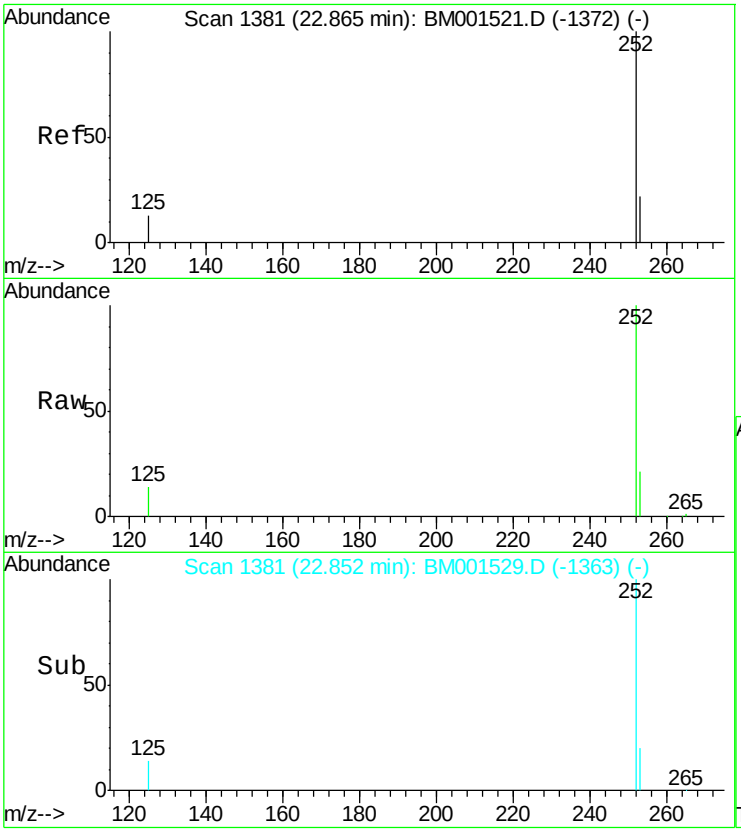


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.54 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:264 Resp: 38326

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	24.4	17.1	25.7



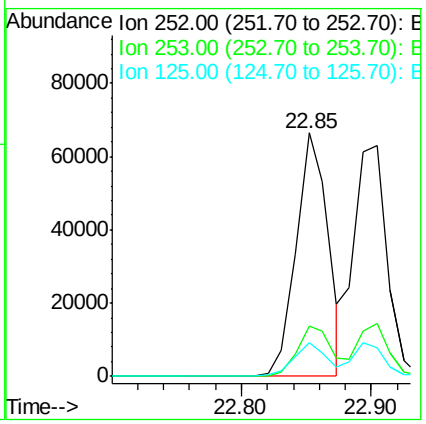


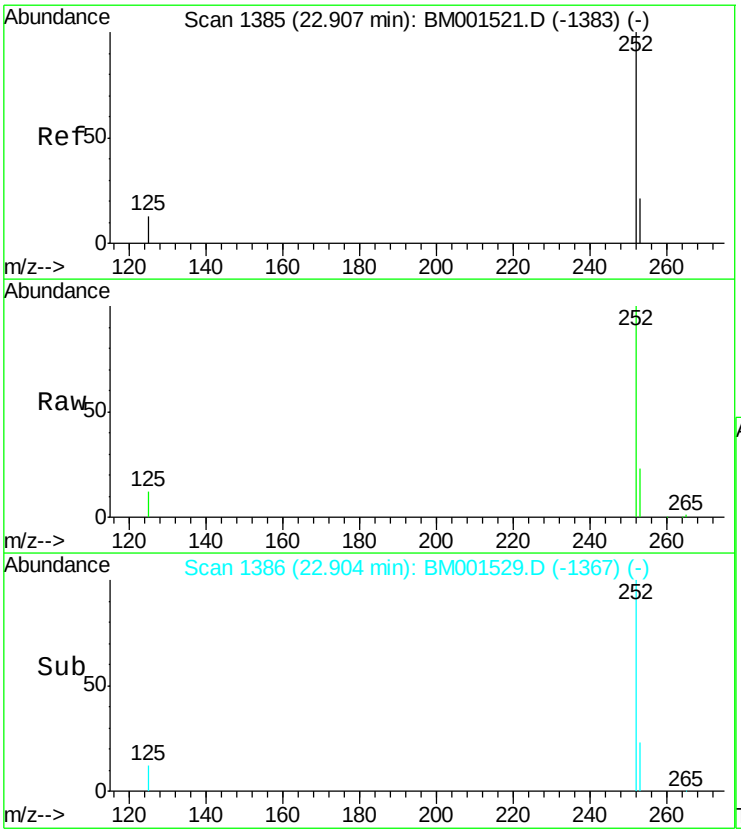
#33
Benzo(b)fluoranthene
Concen: 10.27 ng
RT: 22.85 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 112341

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.0
125	13.9	10.2	15.4

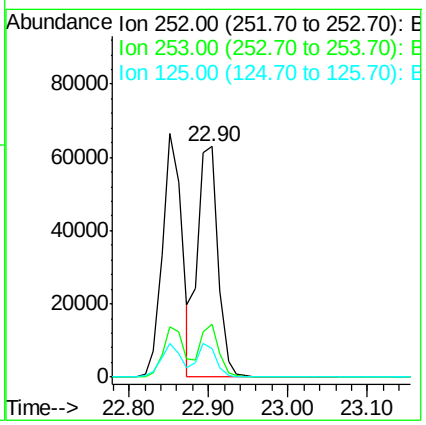


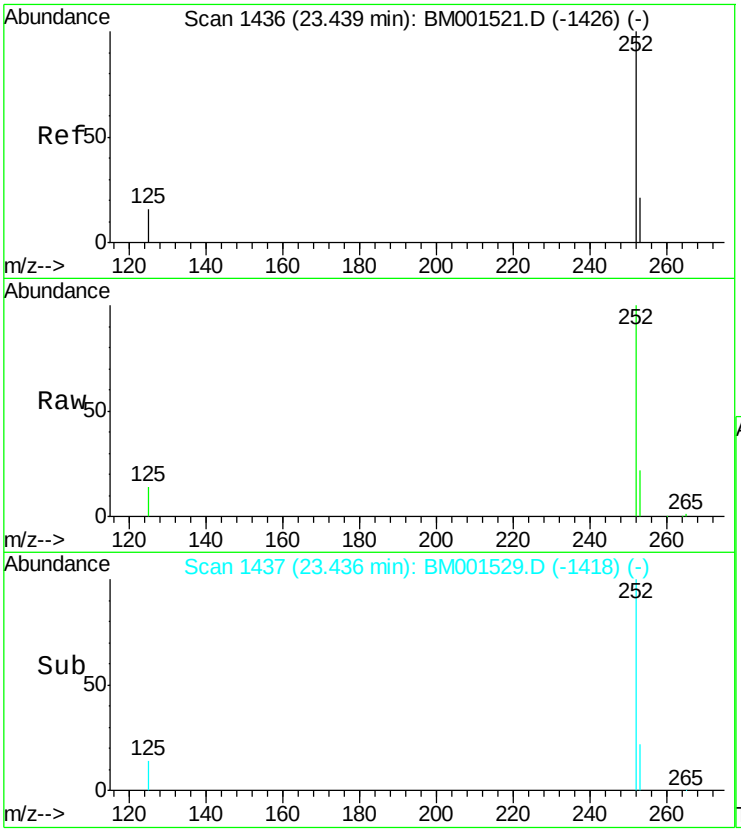


#34
Benzo(k)fluoranthene
Concen: 11.55 ng
RT: 22.90 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:252 Resp: 110488

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.2	9.7	14.5



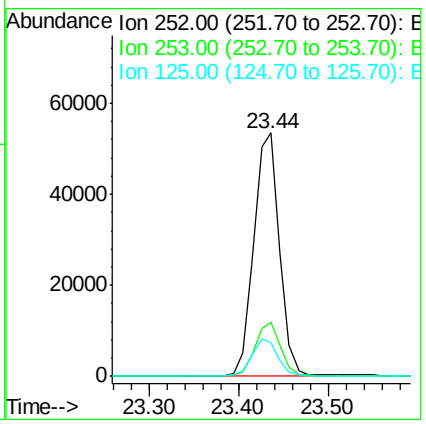


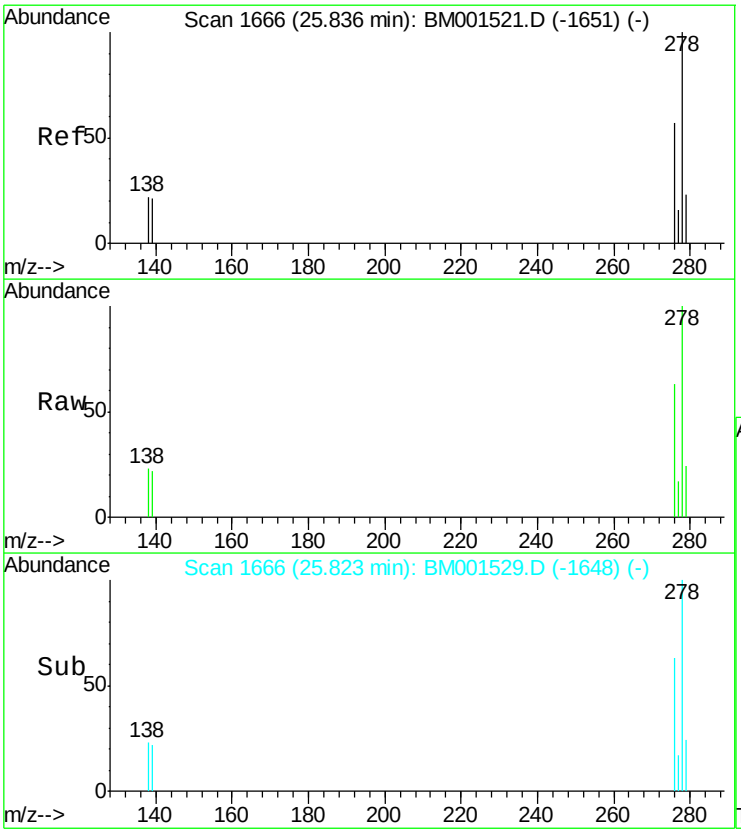
#35
Benzo(a)pyrene
Concen: 11.37 ng
RT: 23.44 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:252 Resp: 106058

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	14.0	10.7	16.1

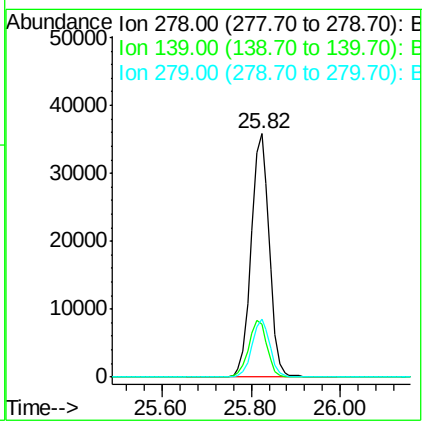


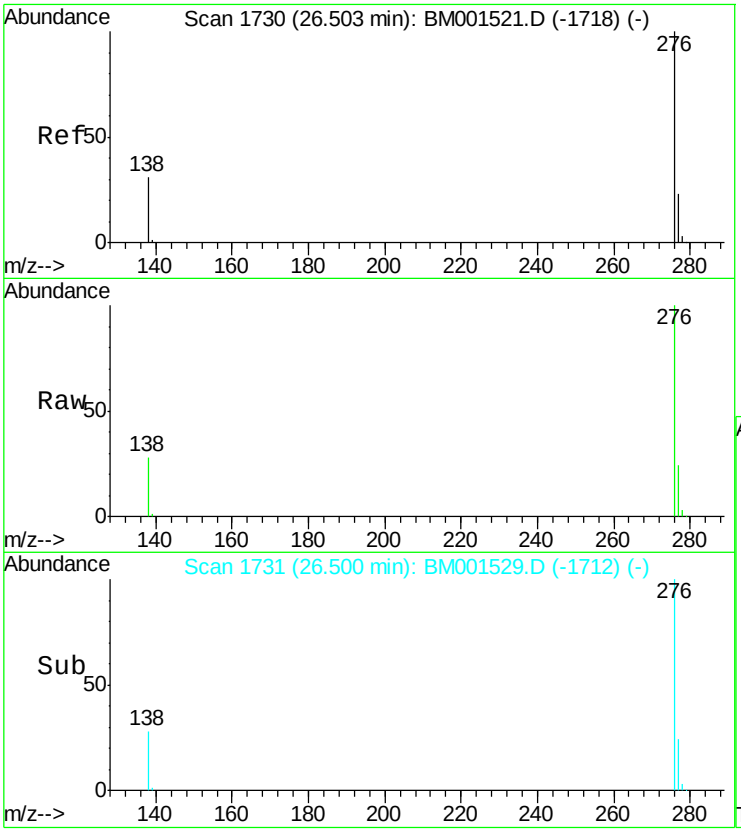


#36
Dibenzo(a,h)anthracene
Concen: 10.79 ng
RT: 25.82 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Tgt Ion:278 Resp: 100156

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.7	23.5
279	23.9	19.4	29.2





#37
Benzo(g,h,i)perylene
Concen: 10.62 ng
RT: 26.50 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BM001529.D
Acq: 03 Jun 2015 00:49

Instrument :
BNA_M
ClientSampleId :
PB83718BSD

Tgt Ion:276 Resp: 103142

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.6
138	28.1	20.2	30.2