Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001525.D
Acq On : 02 Jun 2015 22:26
Operator : TP/IZ
Sample : G2446-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : T-550

Quant Time: Jun 03 04:59:46 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	11963	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	41120	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	19197	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	55781	5.00	ng	0.00
25) Chrysene-d12	21.28	240	31593	5.00	ng	-0.01
32) Perylene-d12	23.53	264	31146	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	21400	8.18	ng	-0.02
5) Phenol-d6	6.86	99	20789	6.43	ng	0.00
7) Nitrobenzene-d5	8.87	82	26928	10.52	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	8170	22.82	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	68283	11.85	ng	0.00
27) Terphenyl-d14	19.73	244	59779	15.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	17	Below Cal	#	1
3) n-Nitrosodimethylamine	3.51	42	38	0.02	ng #	10
8) Nitrobenzene	8.87	77	102	0.04	ng #	26
9) Naphthalene	10.54	128	57	0.01	ng #	1
10) Hexachlorobutadiene	10.83	225	4	0.00	ng #	67
11) 2-Methylnaphthalene	12.17	142	44	0.01	ng #	56
15) Acenaphthylene	14.07	152	24	0.00	ng #	21
16) Acenaphthene	14.42	154	13	0.00	ng #	1
17) Fluorene	15.39	166	104	0.01	ng #	20
19) 4-Bromophenyl-phenylether	16.27	248	22	0.03	ng #	7
20) Hexachlorobenzene	16.41	284	35	0.02	ng #	37
21) Pentachlorophenol	16.75	266	82	0.28	ng	88
22) Phenanthrene	17.12	178	408	0.04	ng #	81
23) Anthracene	17.23	178	355	0.03	ng #	89
24) Fluoranthene	19.16	202	466	0.05	ng #	74
26) Pyrene	19.53	202	461	0.05	ng	96
28) Benzo(a)anthracene	21.27	228	571	0.07	ng #	74
29) Chrysene	21.31	228	500	0.06	ng #	70
30) Bis(2-ethylhexyl)phthalate	21.21	149	5240	0.87	ng	96
31) Indeno(1,2,3-cd)pyrene	25.80	276	453	0.05	ng #	83
33) Benzo(b)fluoranthene	22.85	252	512	0.06	ng #	14
34) Benzo(k)fluoranthene	22.90	252	437	0.06	ng #	2
35) Benzo(a)pyrene	23.44	252	310	0.04	ng #	1
36) Dibenzo(a,h)anthracene	25.83	278	352	0.05	ng #	14
37) Benzo(g,h,i)perylene	26.49	276	397	0.05	ng #	40

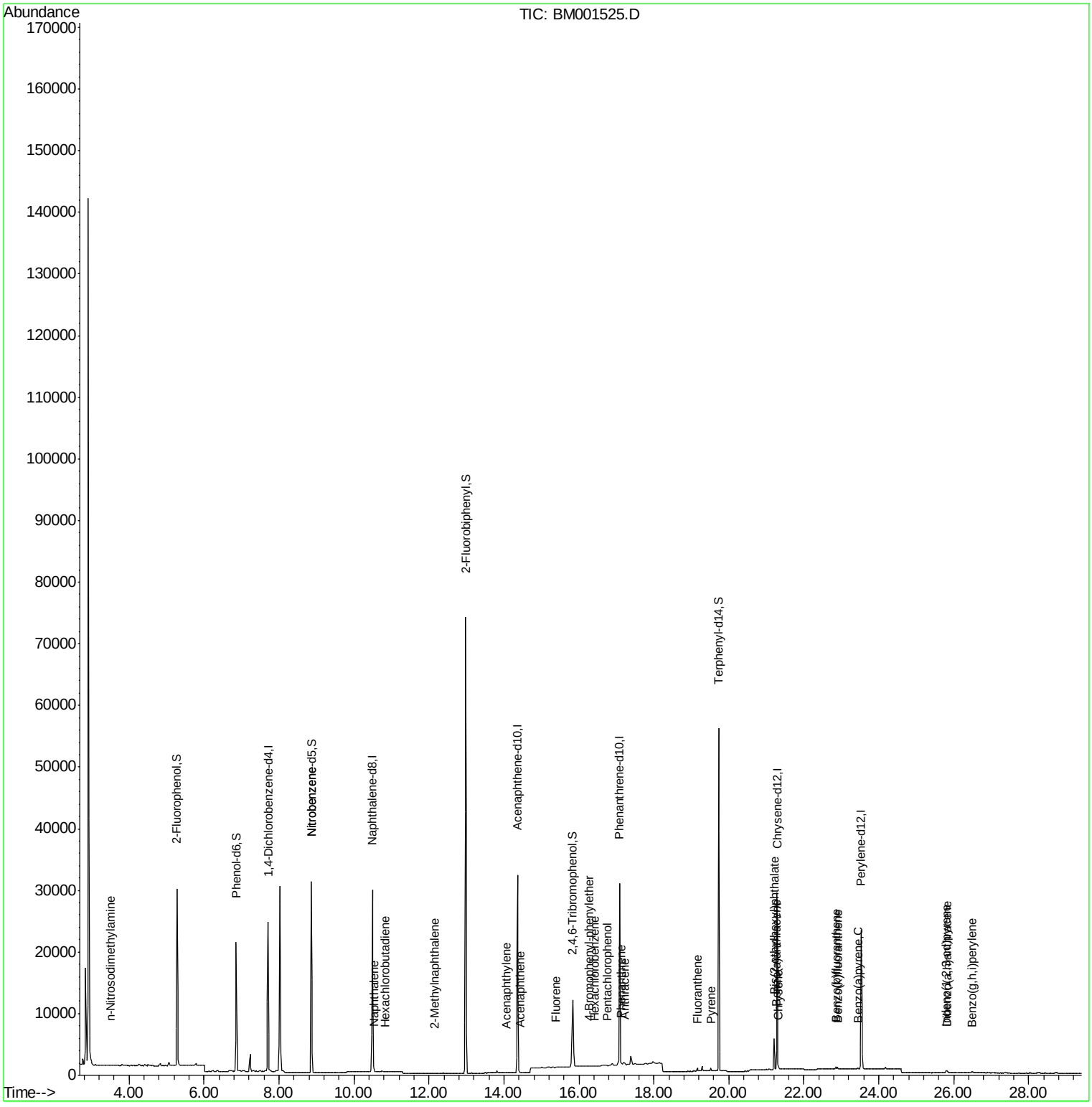
(#) = qualifier out of range (m) = manual integration (+) = signals summed

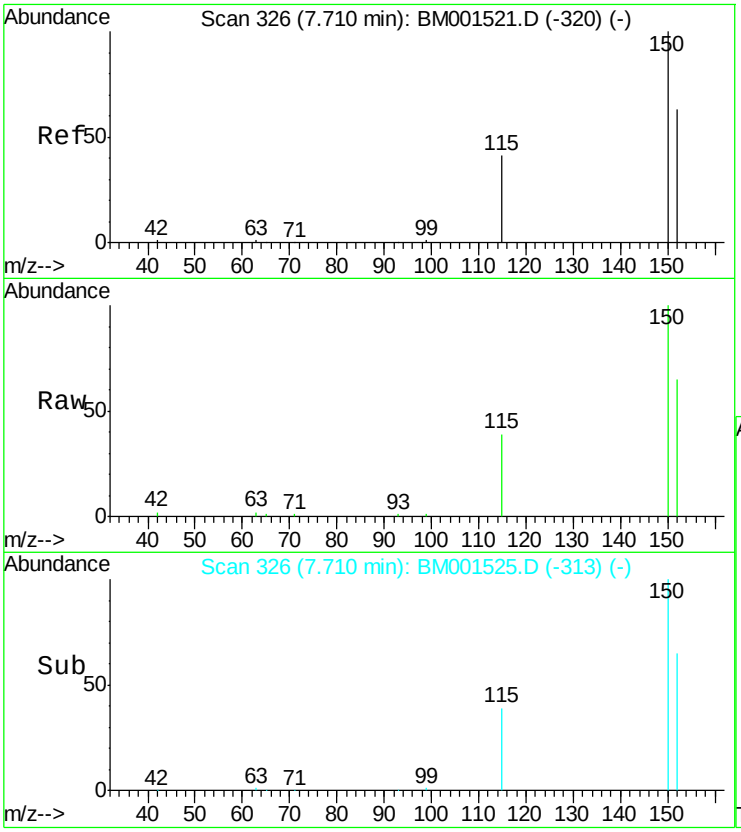
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001525.D
Acq On : 02 Jun 2015 22:26
Operator : TP/IZ
Sample : G2446-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
T-550

Quant Time: Jun 03 04:59:46 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



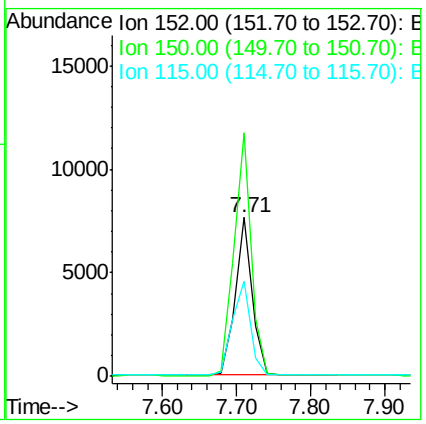


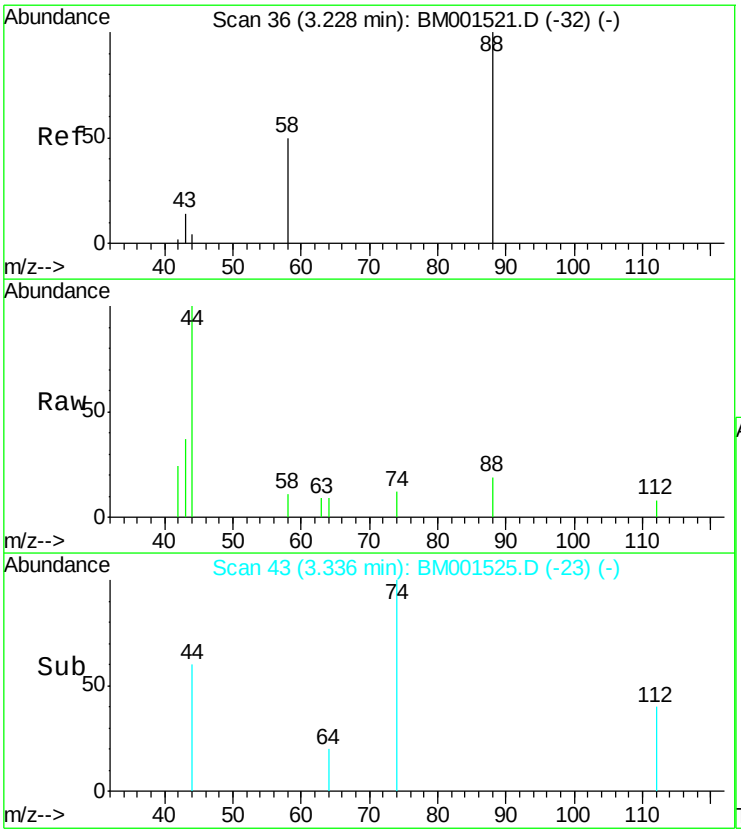
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:152 Resp: 11963

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.0	178.6
115	60.1	41.8	62.8

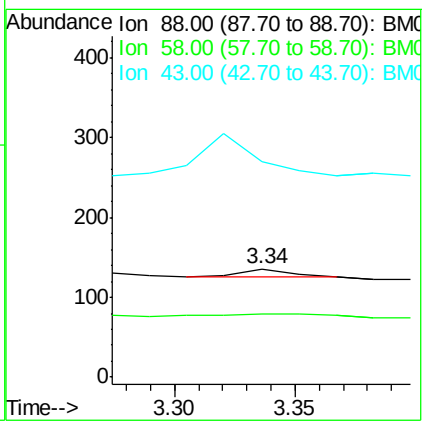


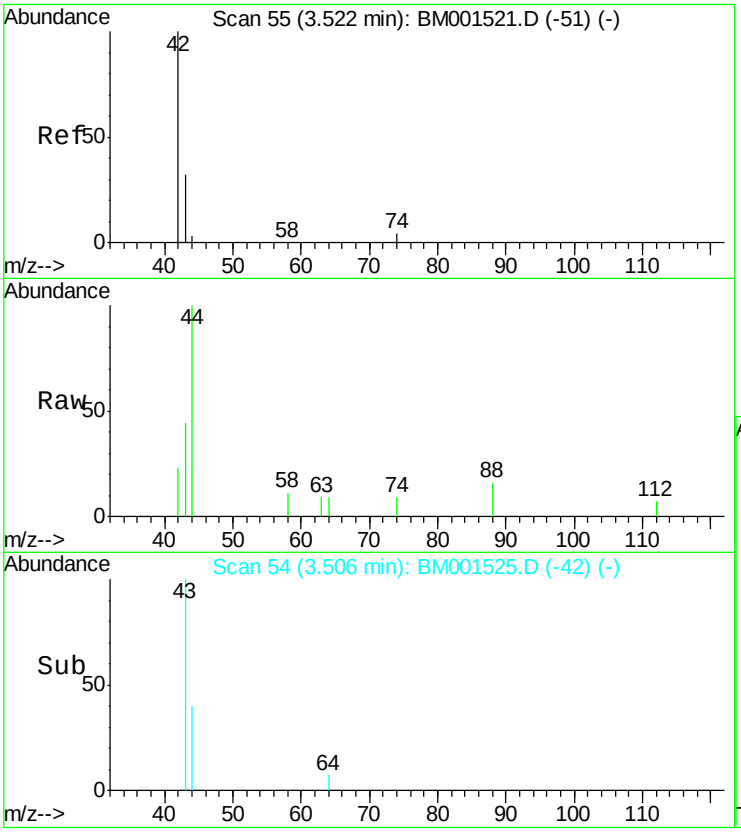


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.34 min Scan# 43
Delta R.T. 0.11 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion: 88 Resp: 17

Ion	Ratio	Lower	Upper
88	100		
58	47.1	71.3	106.9#
43	488.2	35.5	53.3#



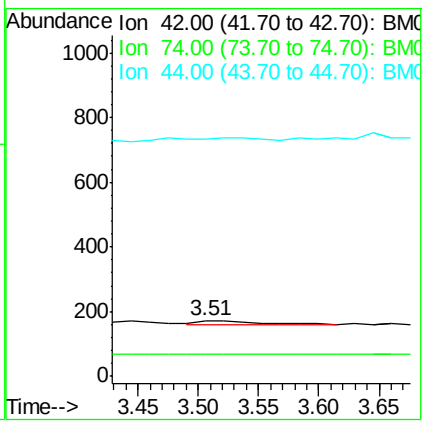


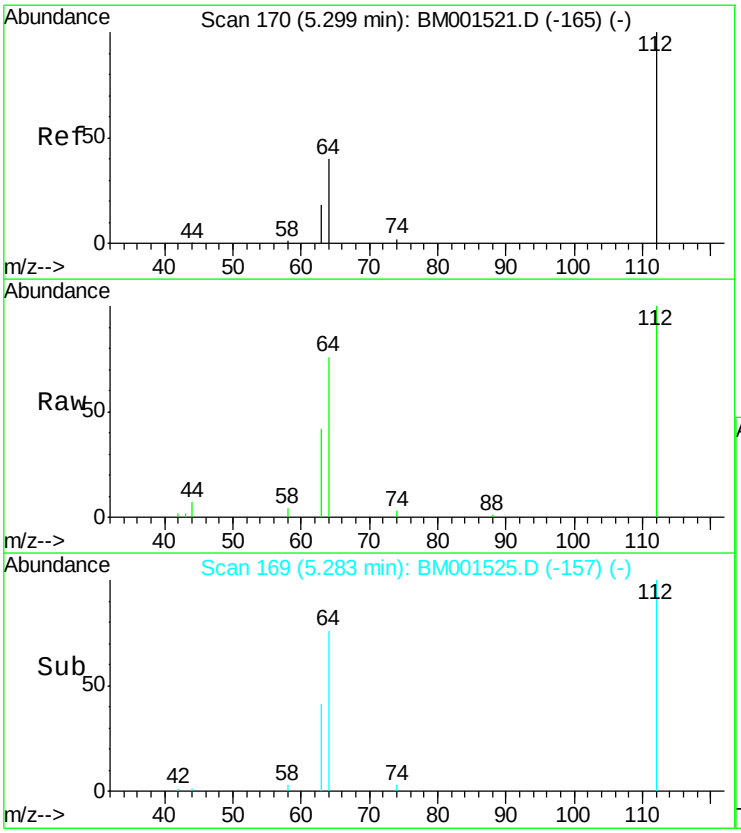
#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion: 42 Resp: 38

Ion	Ratio	Lower	Upper
42	100		
74	0.0	72.2	108.2#
44	0.0	6.2	9.2#

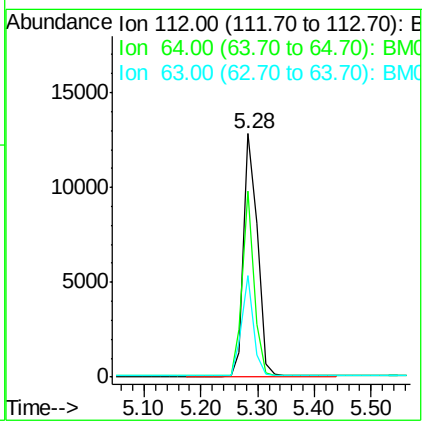


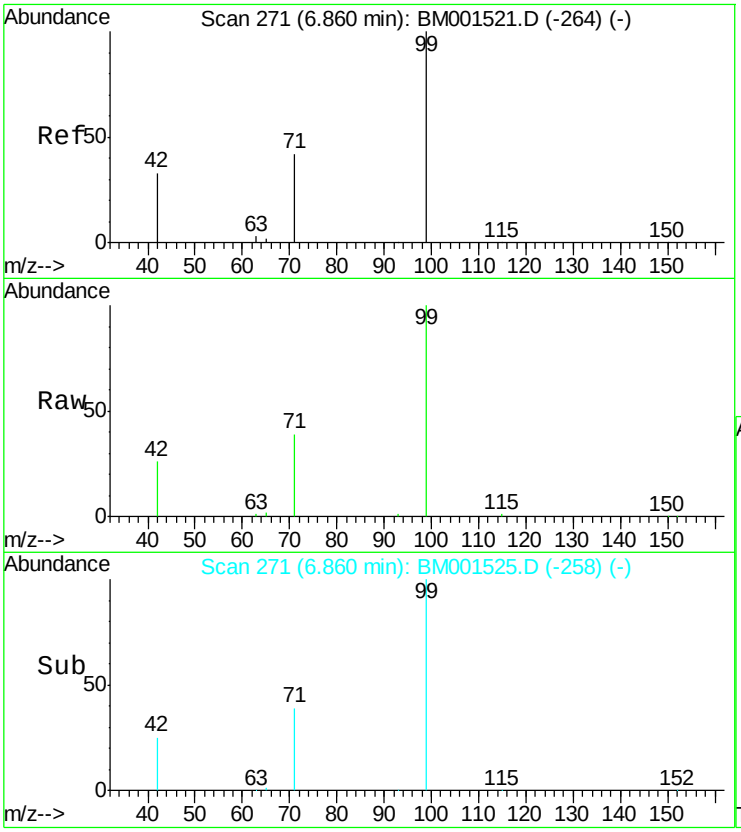


#4
2-Fluorophenol
Concen: 8.18 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:112 Resp: 21400

Ion	Ratio	Lower	Upper
112	100		
64	66.3	51.7	77.5
63	36.7	29.7	44.5



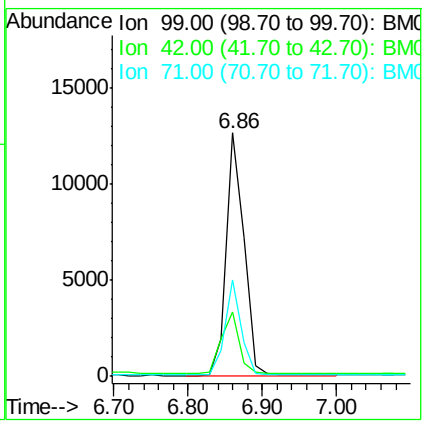


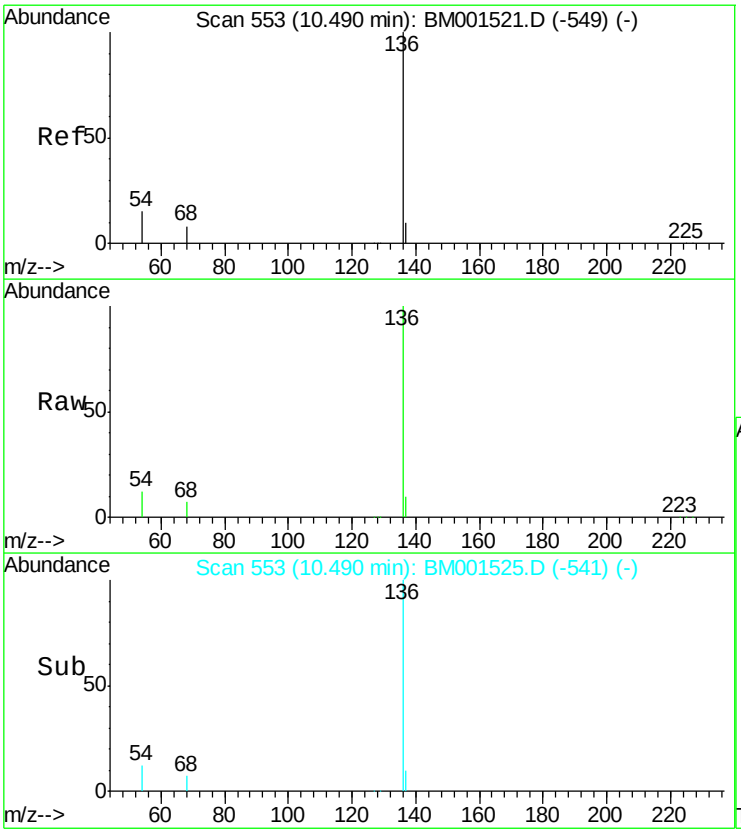
#5
Phenol-d6
Concen: 6.43 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion: 99 Resp: 20789

Ion	Ratio	Lower	Upper
99	100		
42	25.7	21.8	32.6
71	35.8	29.2	43.8

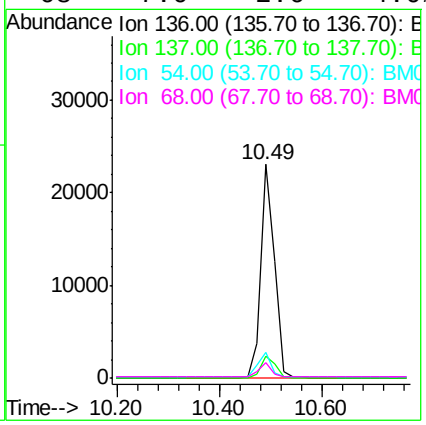


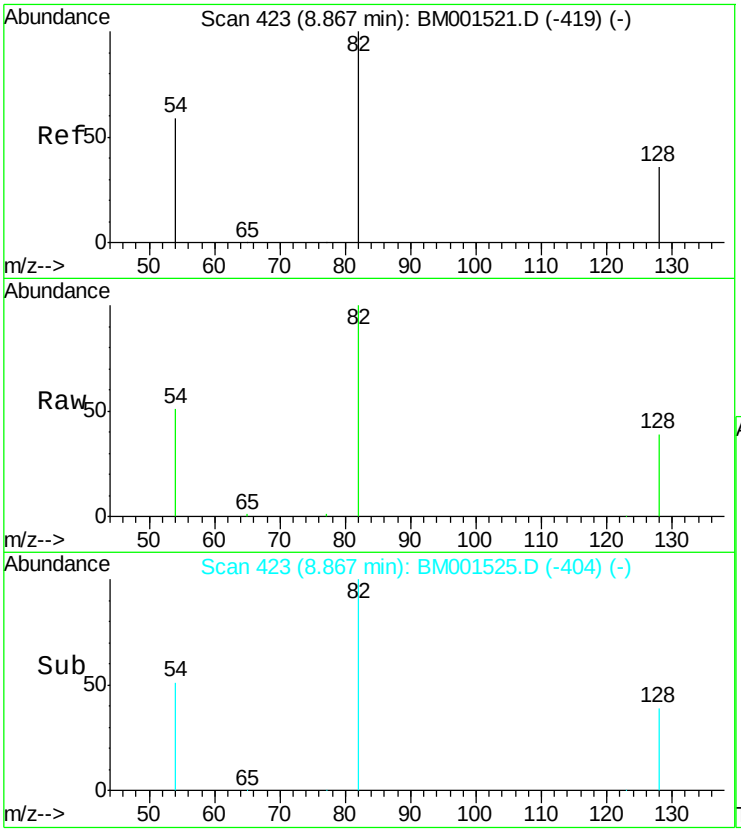


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:136 Resp: 41120

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.9	4.3	6.5#
68	7.0	2.6	4.0#



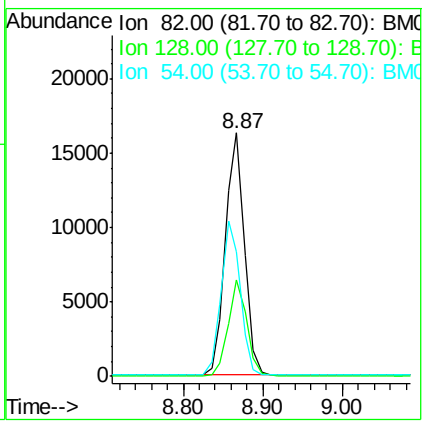


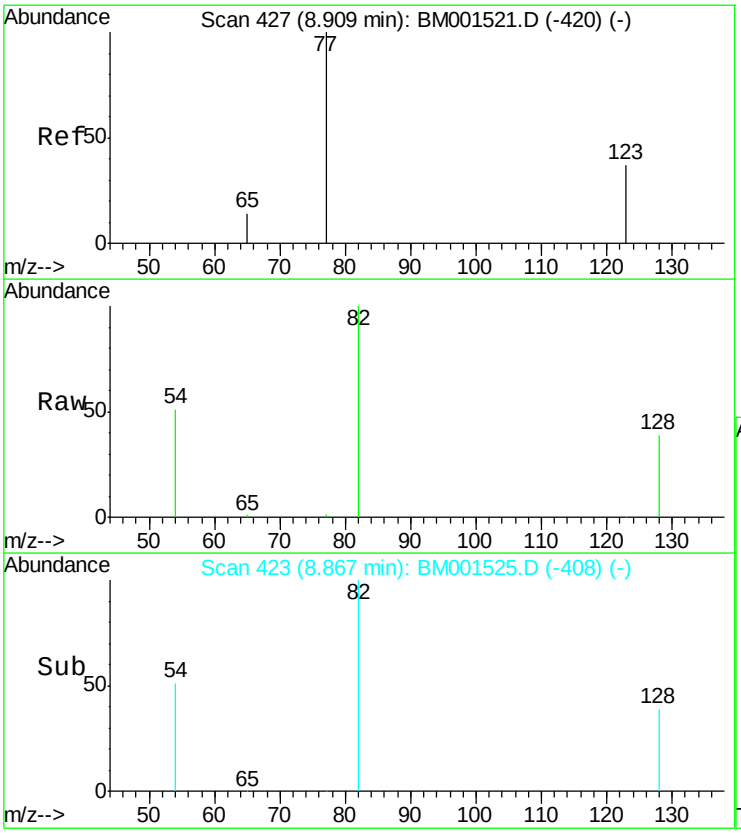
#7
Nitrobenzene-d5
Concen: 10.52 ng
RT: 8.87 min Scan# 423
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion: 82 Resp: 26928

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.2	45.4
54	51.1	52.9	79.3#

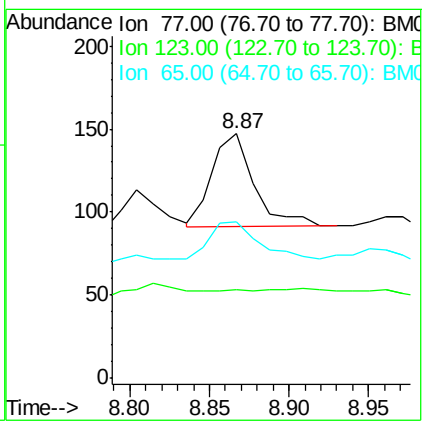


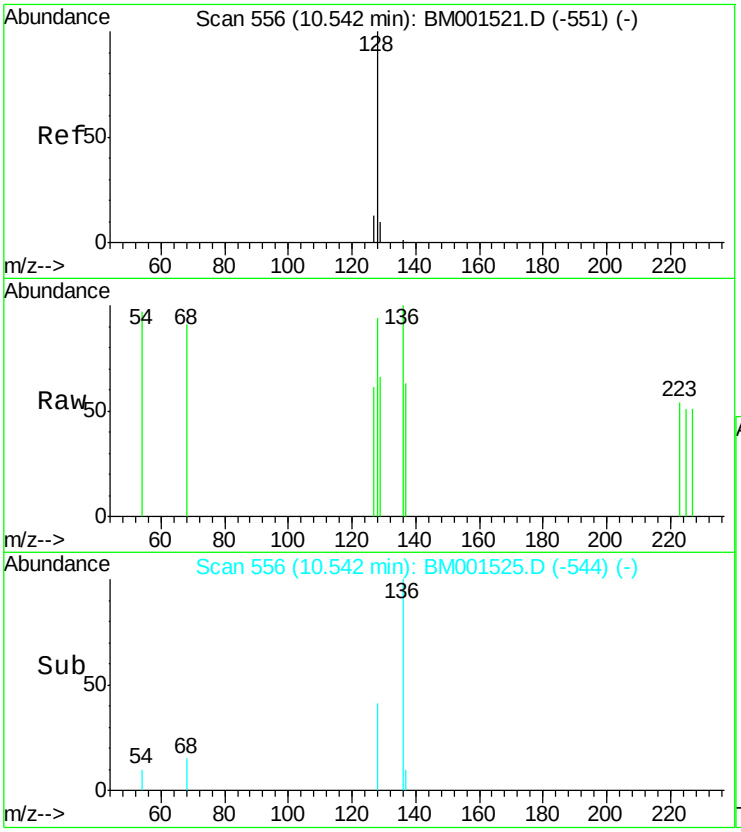


#8
Nitrobenzene
Concen: 0.04 ng
RT: 8.87 min Scan# 423
Delta R.T. -0.04 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion: 77 Resp: 102

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.7	50.5#
65	52.9	11.3	16.9#



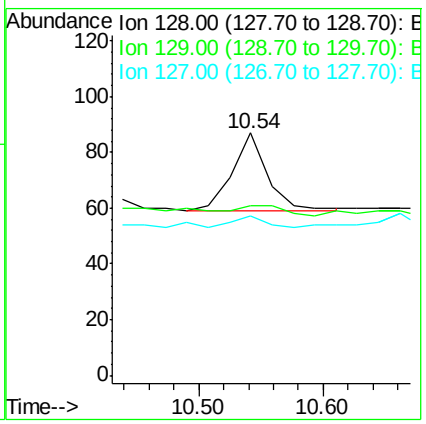


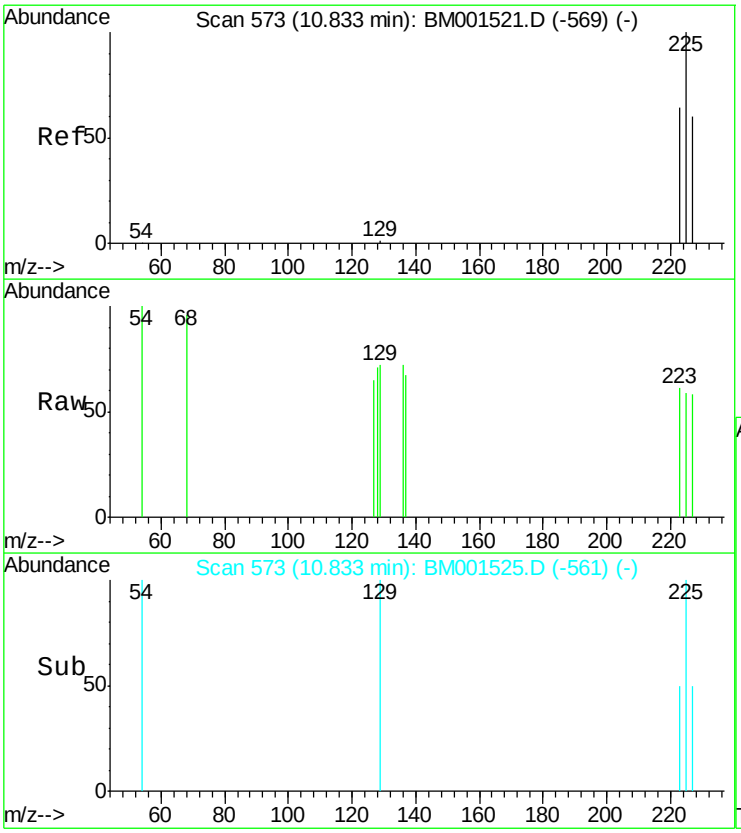
#9
Naphthalene
Concen: 0.01 ng
RT: 10.54 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:128 Resp: 57

Ion	Ratio	Lower	Upper
128	100		
129	70.1	8.6	13.0#
127	65.5	11.7	17.5#

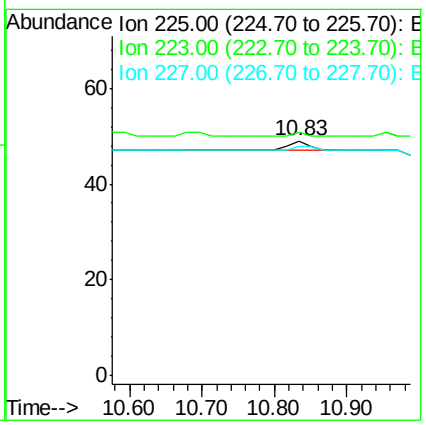


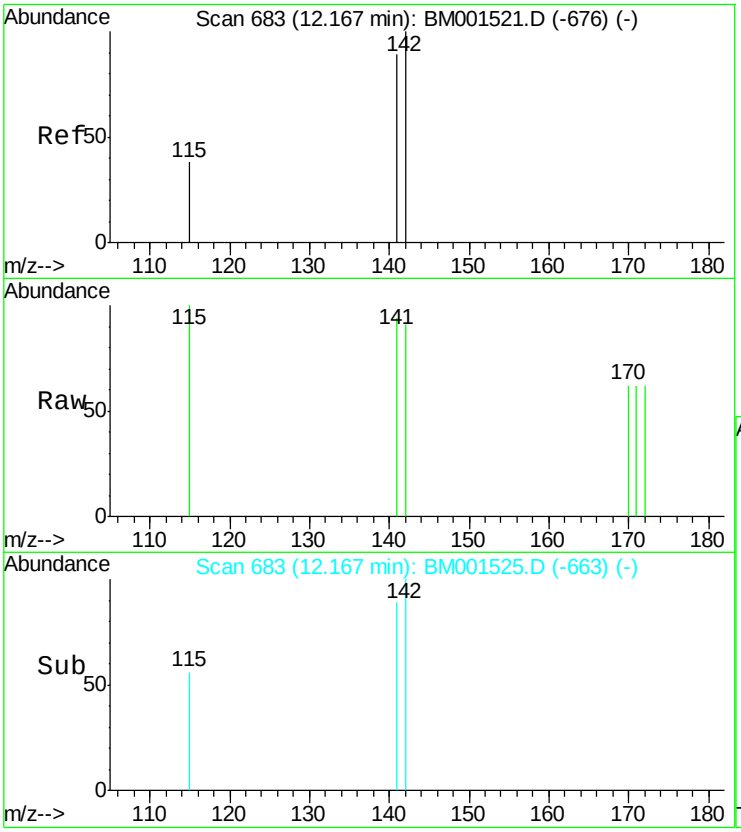


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.83 min Scan# 573
Delta R.T. -0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	25.0	50.2	75.2#
227	50.0	51.1	76.7#



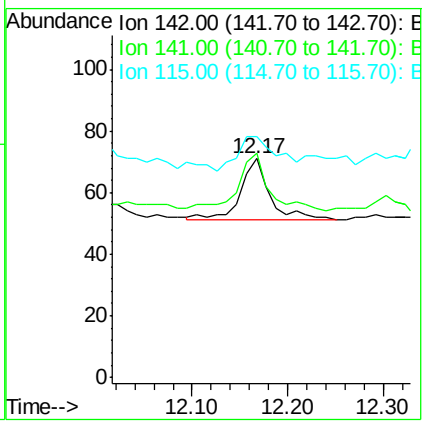


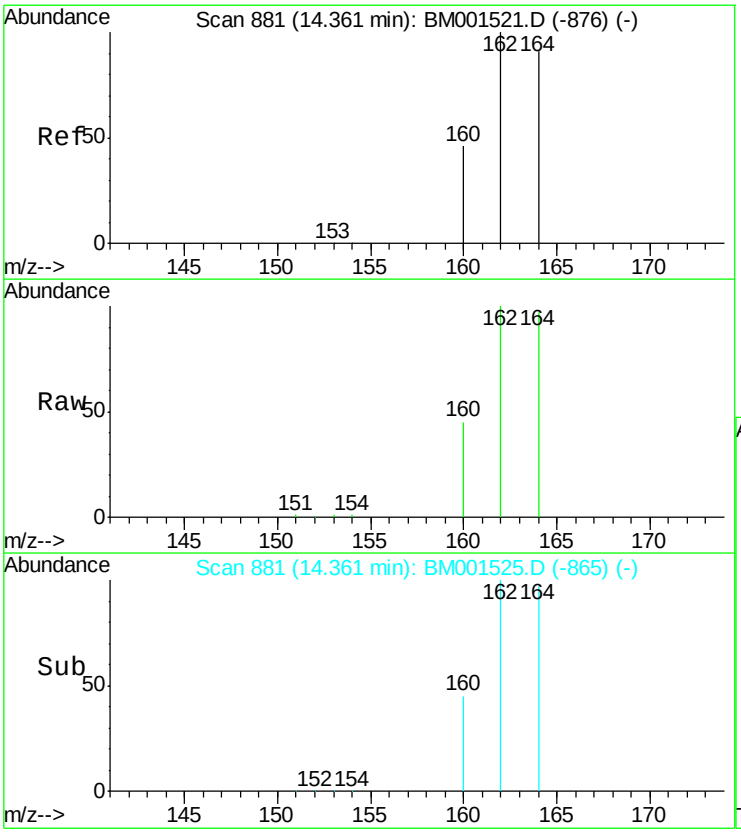
#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.17 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:142 Resp: 44

Ion	Ratio	Lower	Upper
142	100		
141	102.8	72.6	109.0
115	109.9	31.2	46.8#

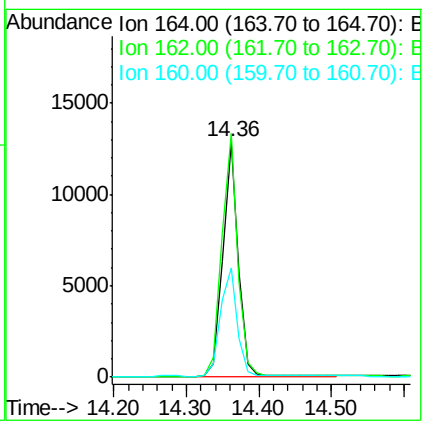


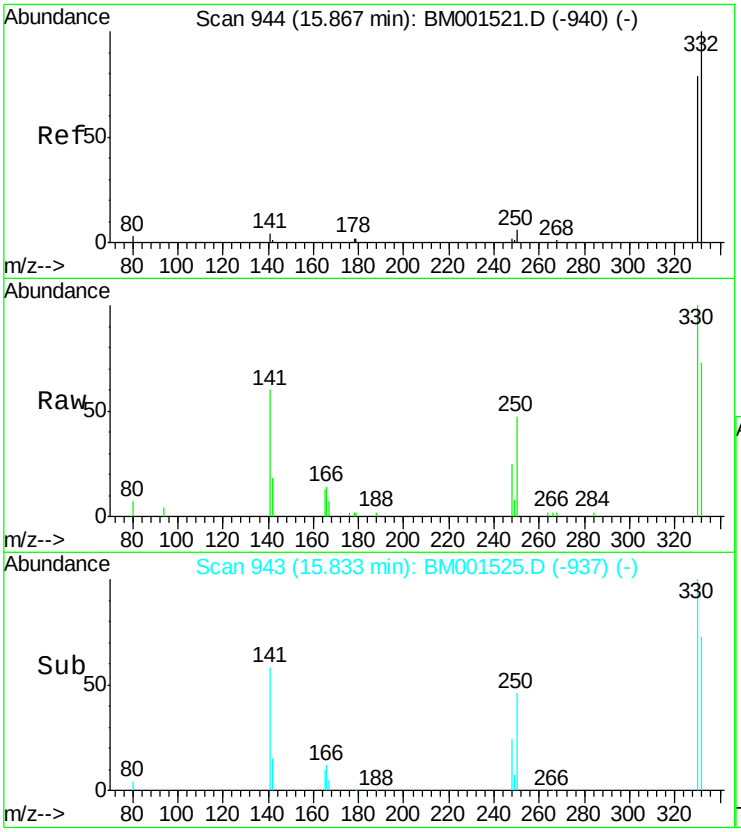


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:164 Resp: 19197

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.2
160	46.5	36.9	55.3



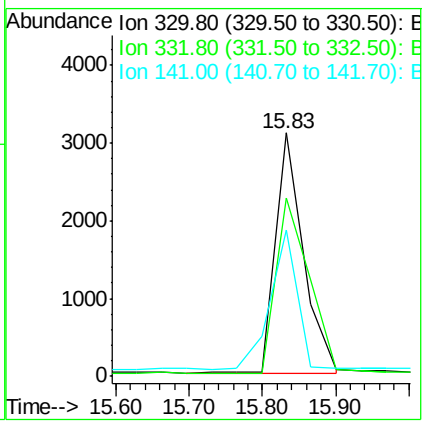


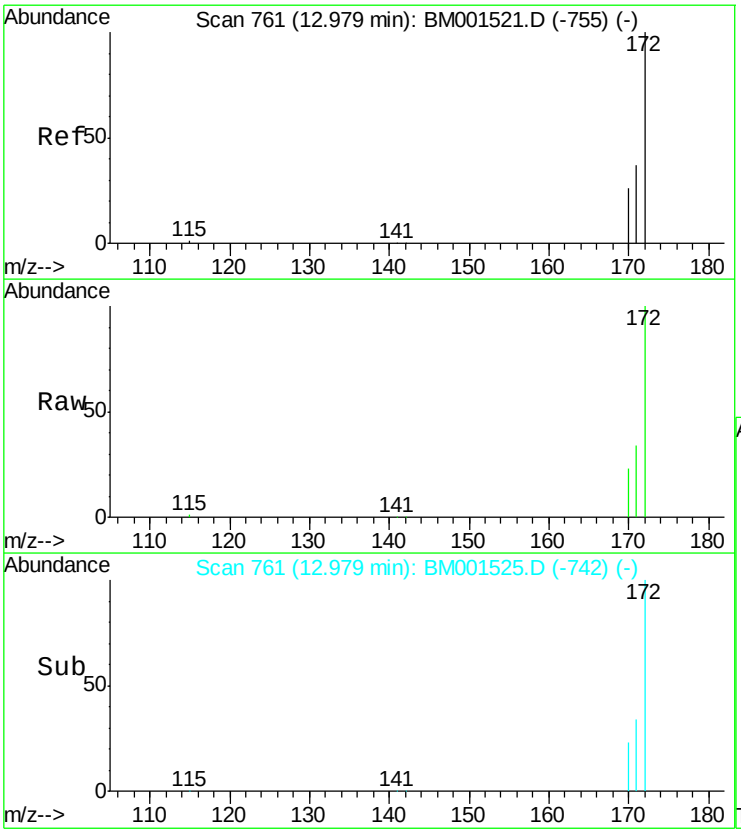
#13
2,4,6-Tribromophenol
Concen: 22.82 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:330 Resp: 8170

Ion	Ratio	Lower	Upper
330	100		
332	86.8	90.3	135.5#
141	56.8	0.0	0.0#

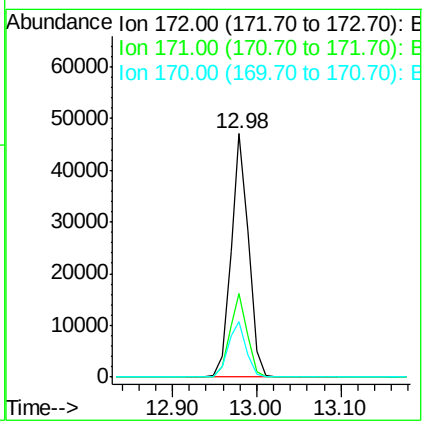


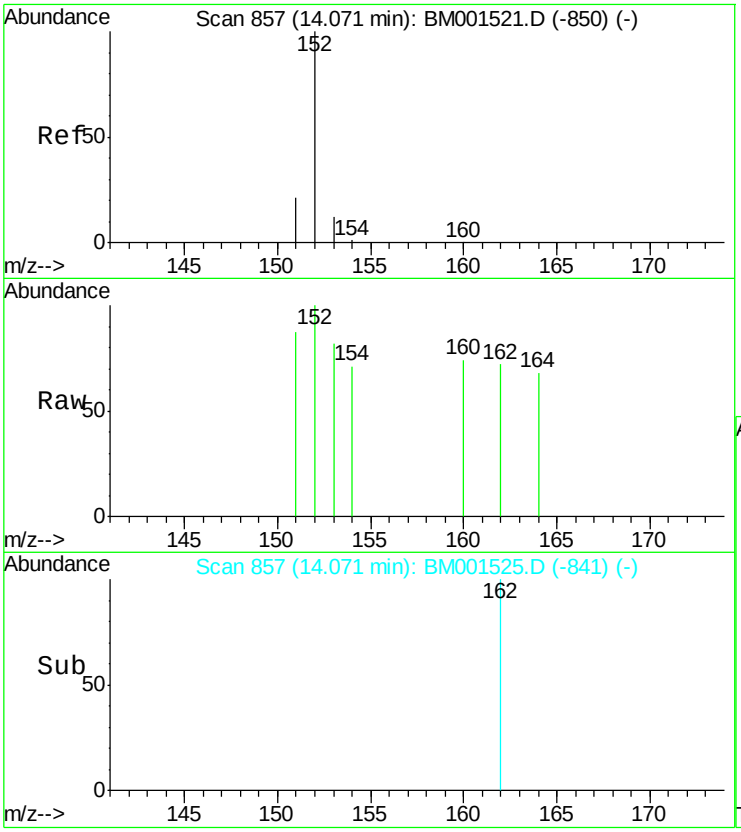


#14
2-Fluorobiphenyl
Concen: 11.85 ng
RT: 12.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:172 Resp: 68283

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.4	44.0
170	22.7	20.2	30.4



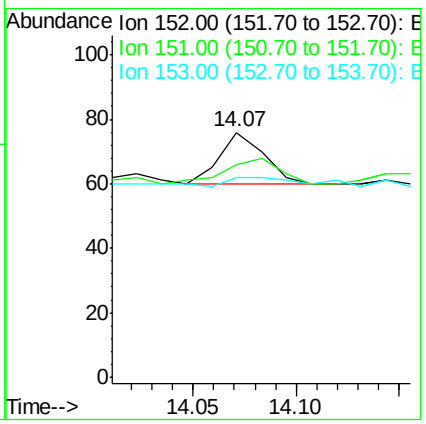


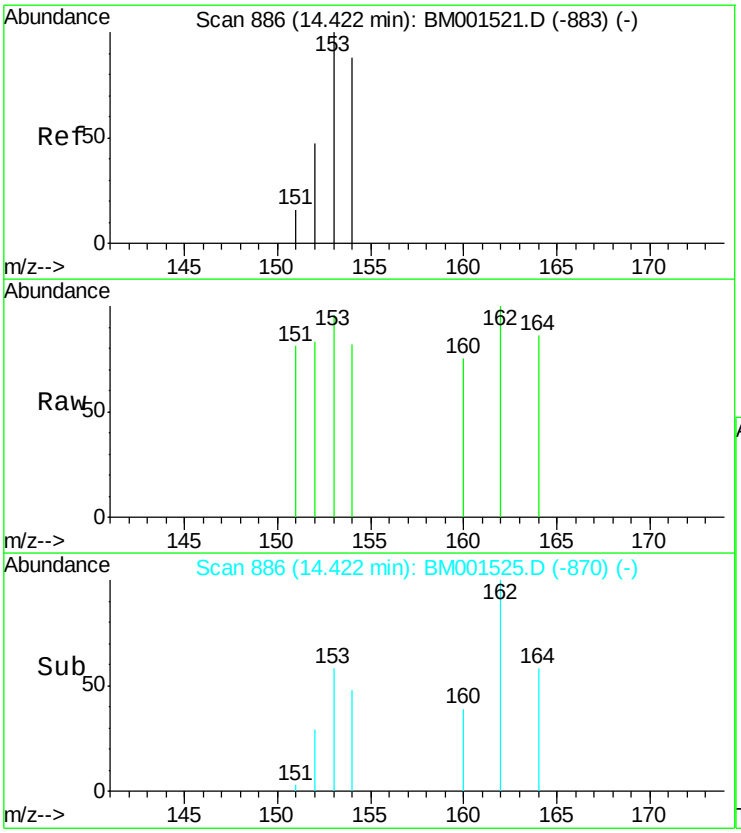
#15
Acenaphthylene
Concen: 0.00 ng
RT: 14.07 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:152 Resp: 24

Ion	Ratio	Lower	Upper
152	100		
151	62.5	15.1	22.7#
153	33.3	10.2	15.4#

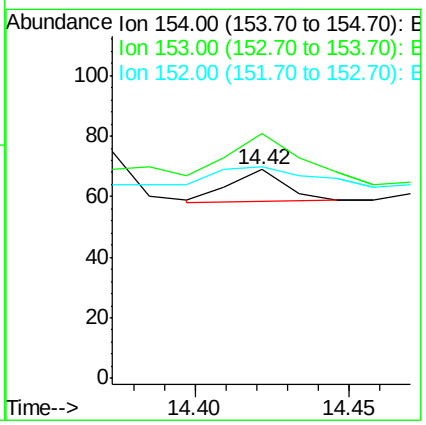


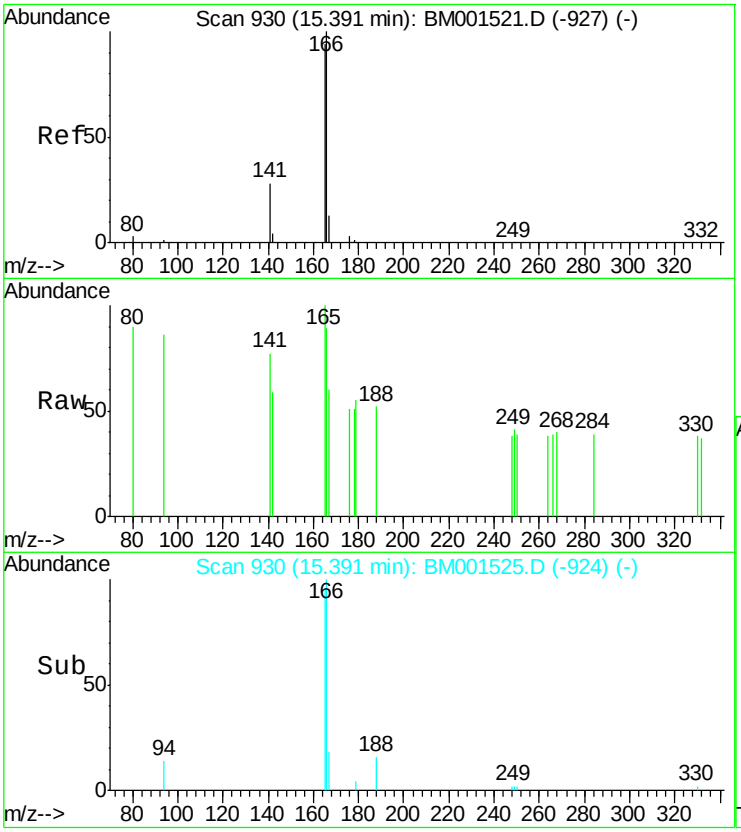


#16
Acenaphthene
Concen: 0.00 ng
RT: 14.42 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:154 Resp: 13

Ion	Ratio	Lower	Upper
154	100		
153	500.0	91.4	137.2#
152	184.6	44.0	66.0#



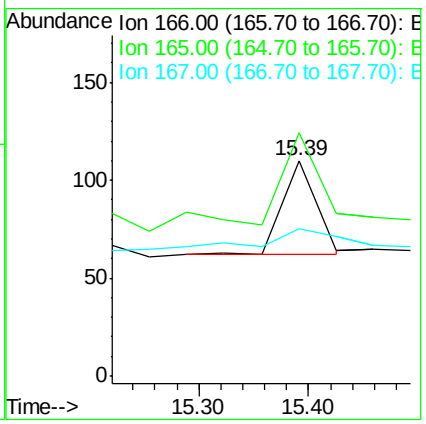


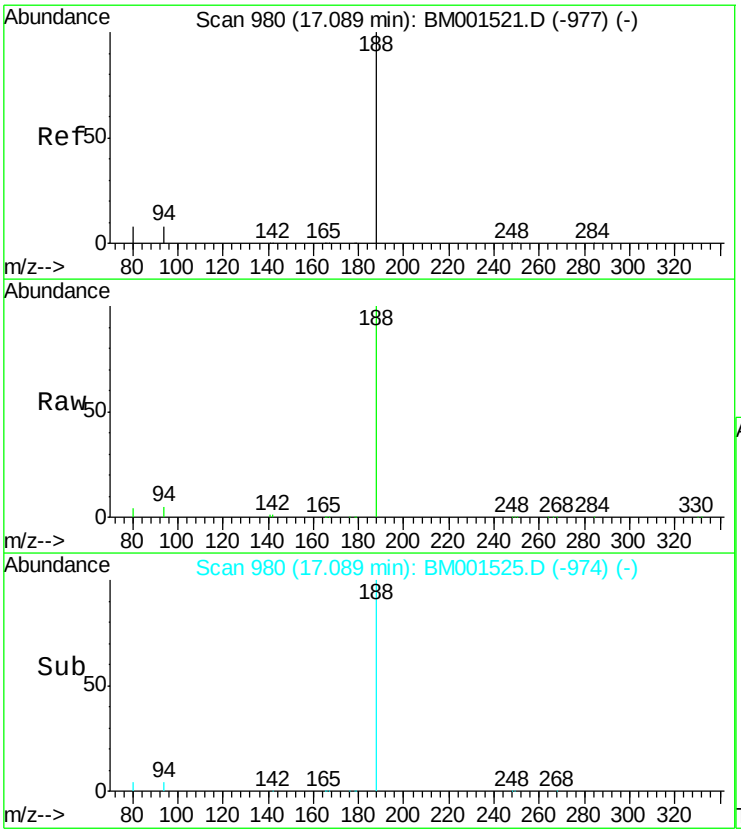
#17
Fluorene
Concen: 0.01 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:166 Resp: 104

Ion	Ratio	Lower	Upper
166	100		
165	166.3	72.6	108.8#
167	45.2	10.9	16.3#

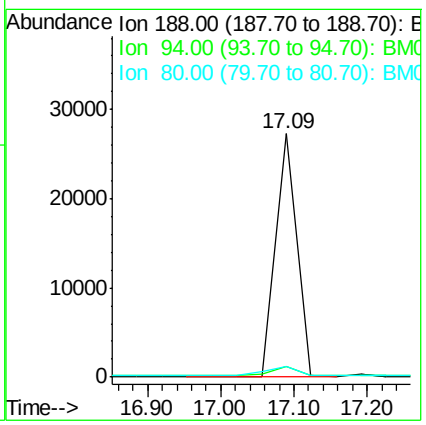


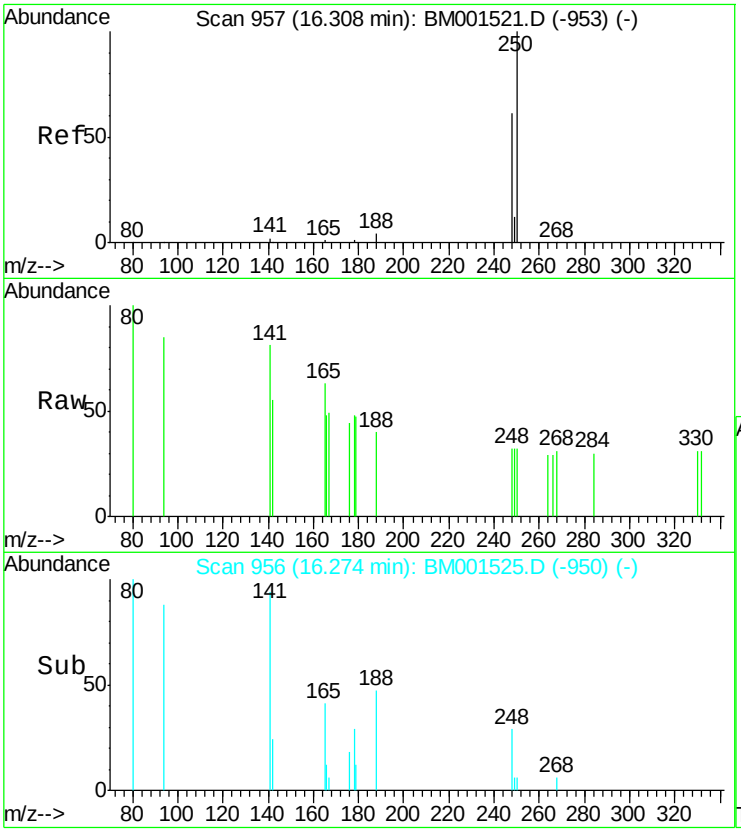


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:188 Resp: 55781

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.0	4.4#
80	4.3	2.5	3.7#



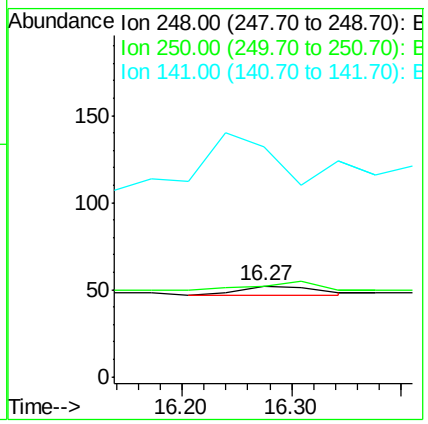


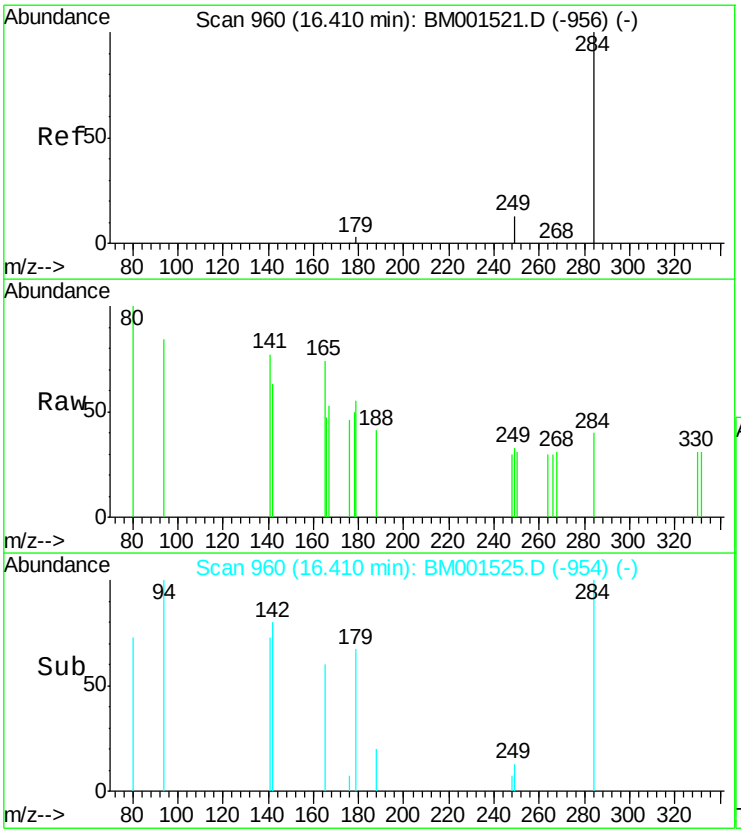
#19
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:248 Resp: 22

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.8	115.2#
141	0.0	57.7	86.5#

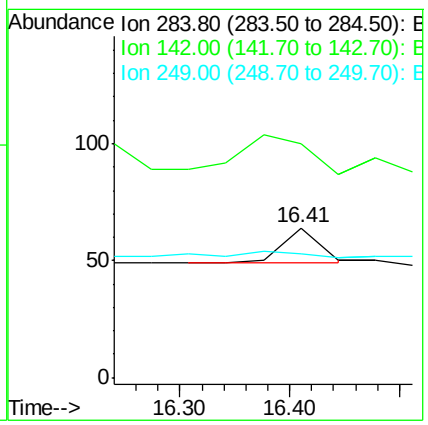


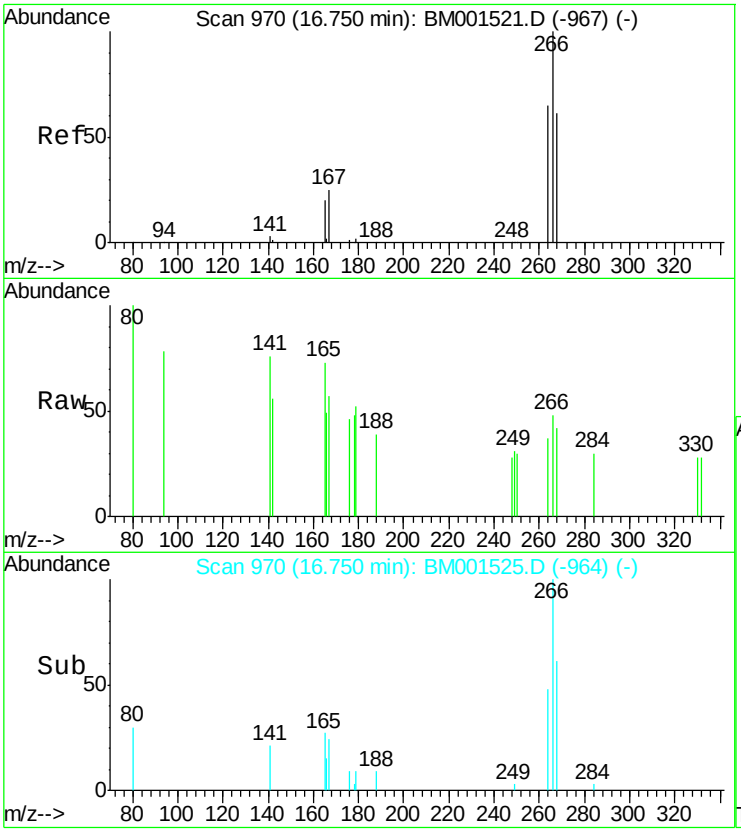


#20
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:284 Resp: 35

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



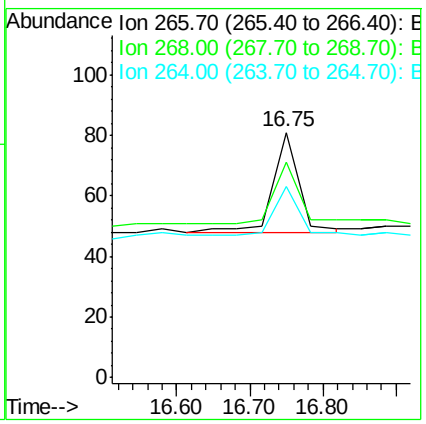


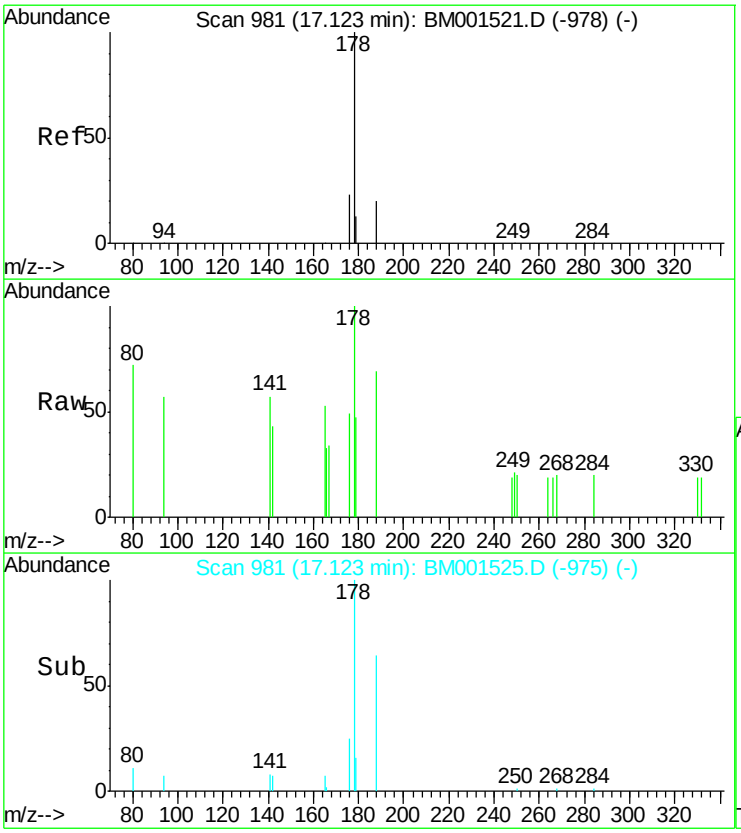
#21
Pentachlorophenol
Concen: 0.28 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:266 Resp: 82

Ion	Ratio	Lower	Upper
266	100		
268	87.7	63.0	94.4
264	77.8	52.8	79.2

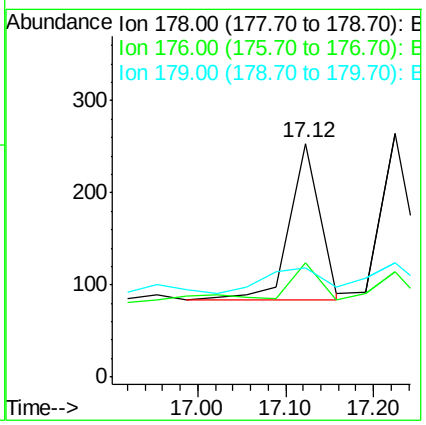


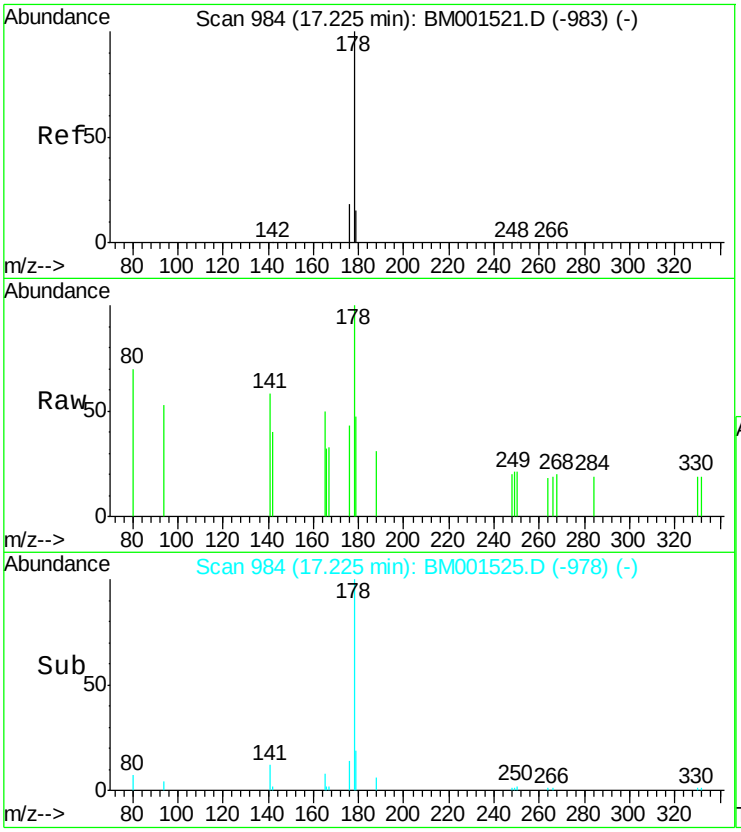


#22
Phenanthrene
Concen: 0.04 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:178 Resp: 408

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.8	25.2
179	33.1	11.0	16.4#



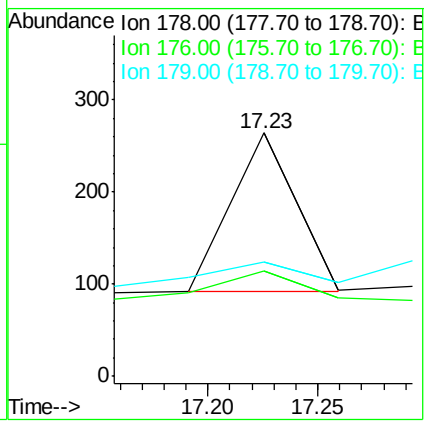


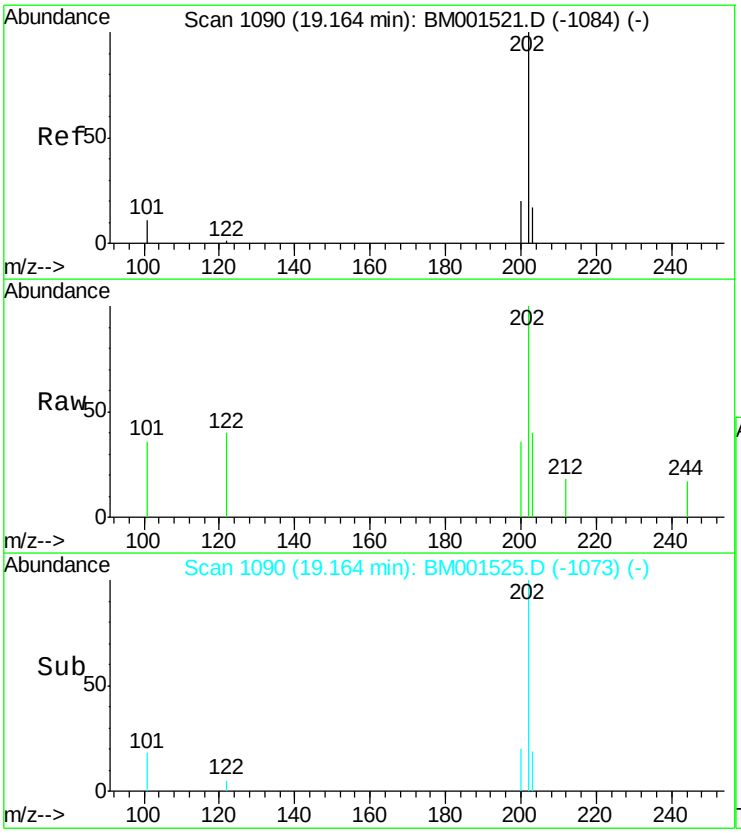
#23
Anthracene
Concen: 0.03 ng
RT: 17.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:178 Resp: 355

Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.1	19.7
179	23.1	12.8	19.2#

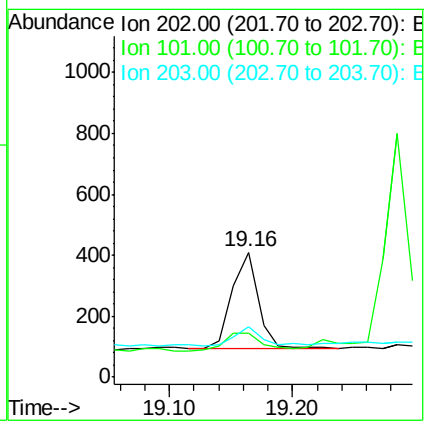


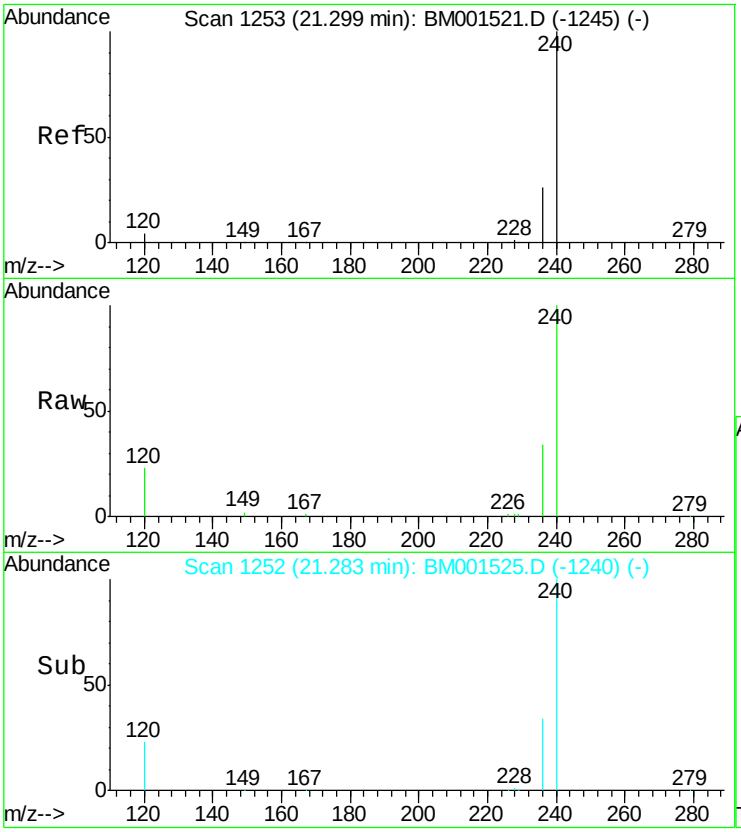


#24
Fluoranthene
Concen: 0.05 ng
RT: 19.16 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:202 Resp: 466

Ion	Ratio	Lower	Upper
202	100		
101	27.9	8.6	12.8#
203	23.4	13.8	20.6#



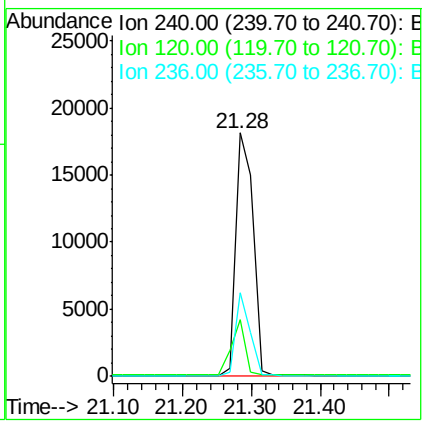


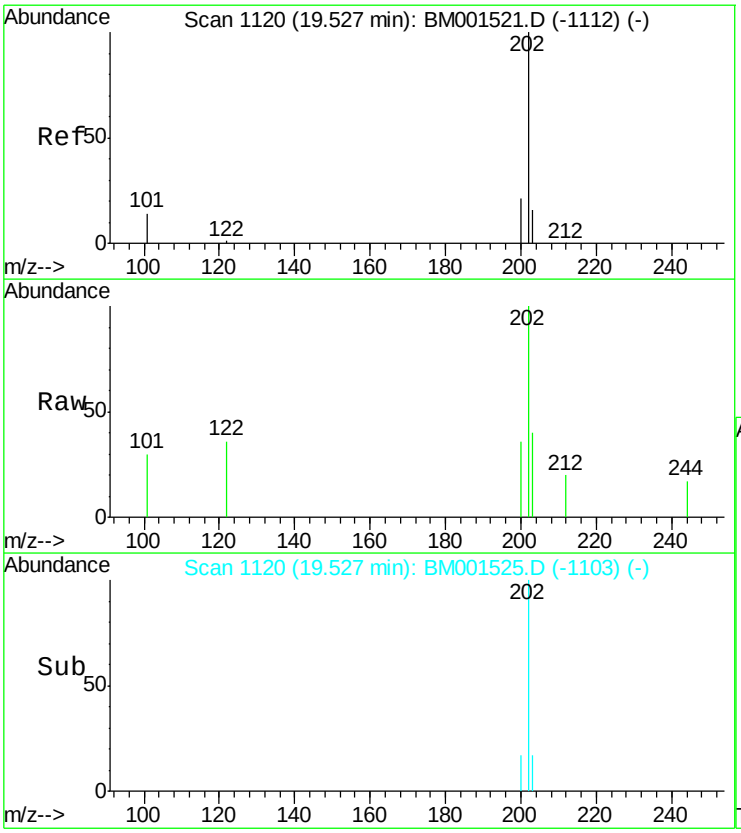
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:240 Resp: 31593

Ion	Ratio	Lower	Upper
240	100		
120	23.5	9.7	14.5#
236	34.2	24.8	37.2

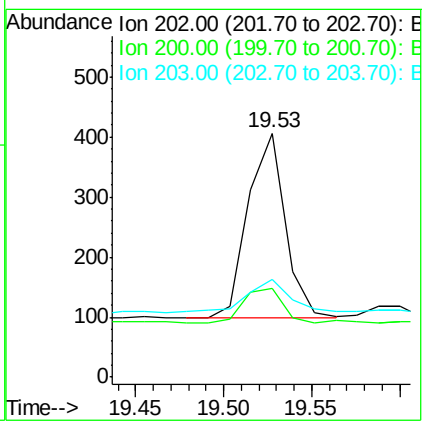


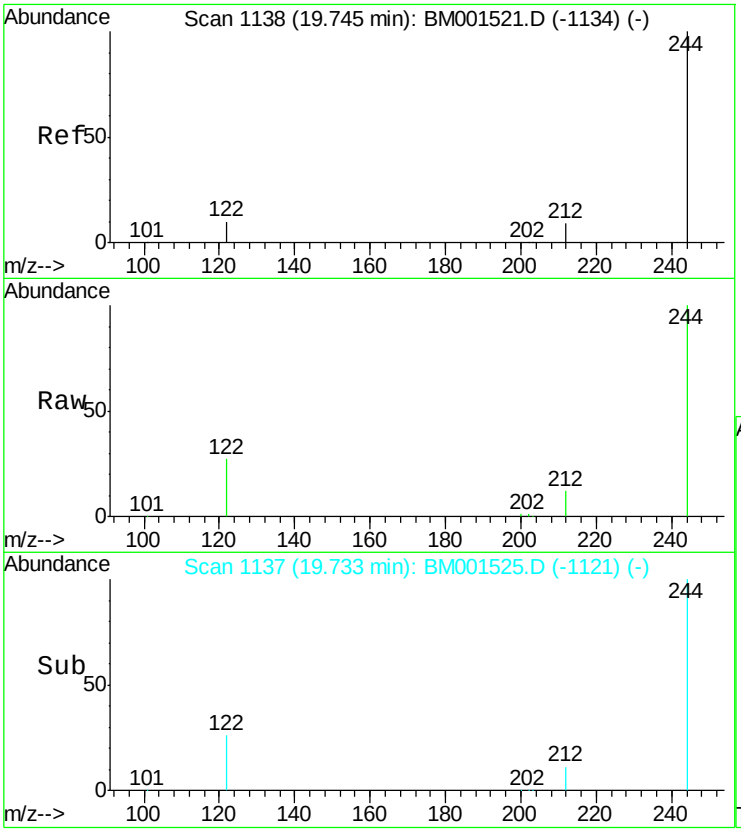


#26
Pyrene
Concen: 0.05 ng
RT: 19.53 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:202 Resp: 461

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	20.0	13.9	20.9



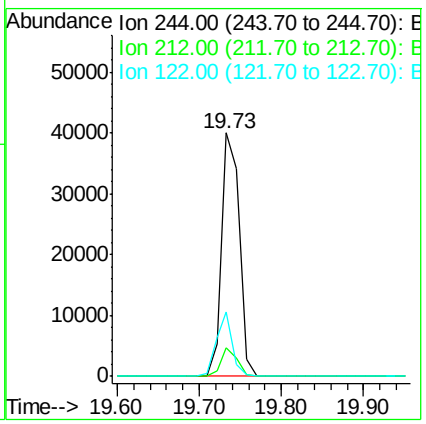


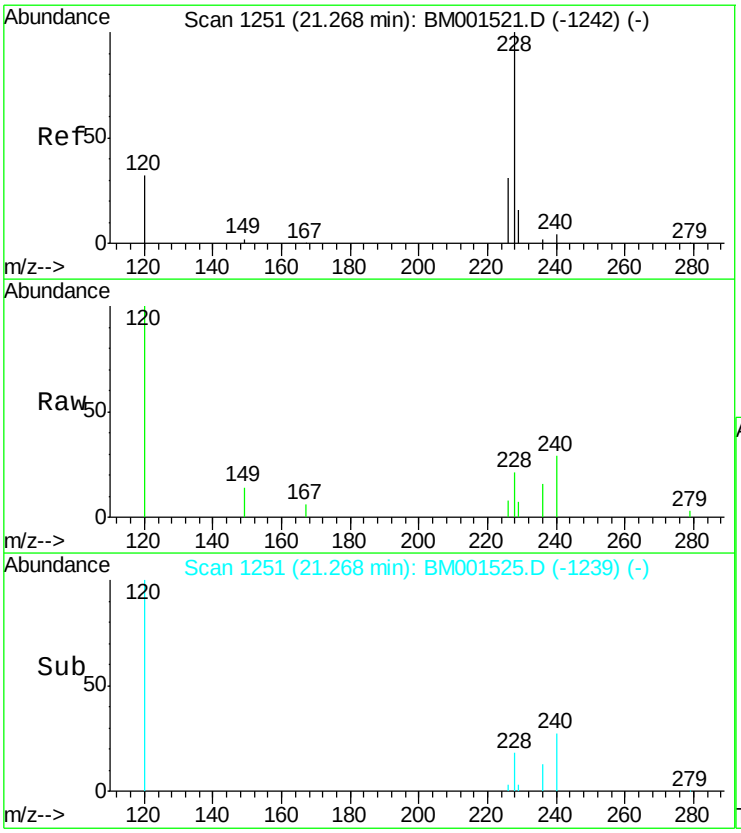
#27
Terphenyl-d14
Concen: 15.35 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:244 Resp: 59779

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.2	10.8#
122	26.7	5.1	7.7#

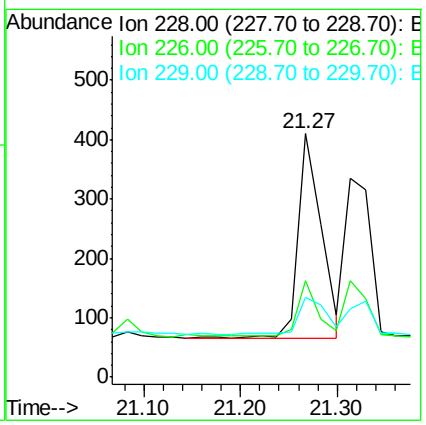


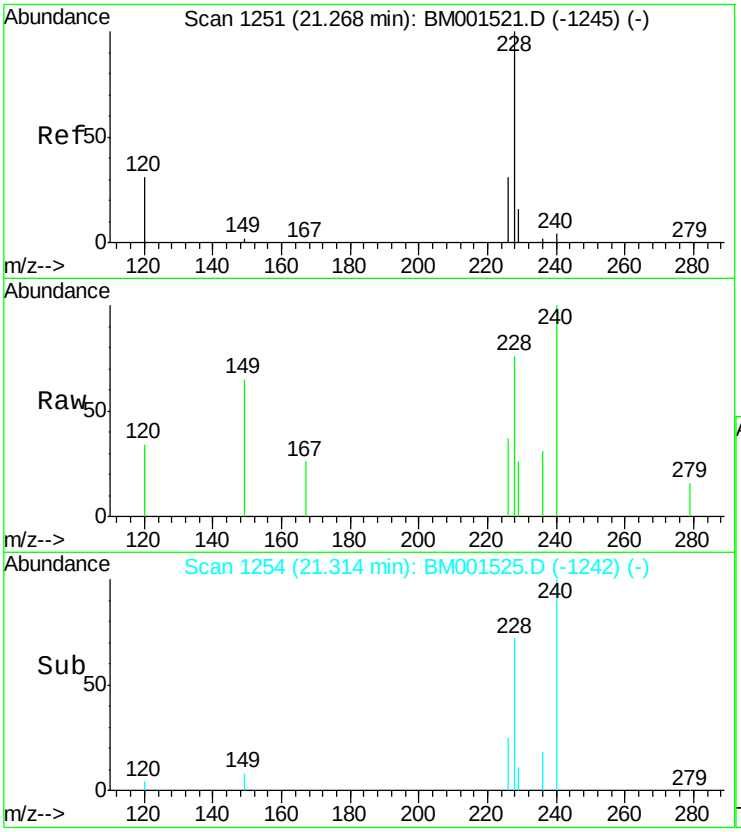


#28
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:228 Resp: 571

Ion	Ratio	Lower	Upper
228	100		
226	39.5	21.9	32.9#
229	32.9	15.1	22.7#



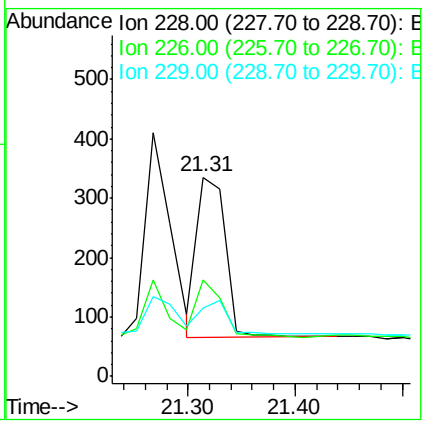


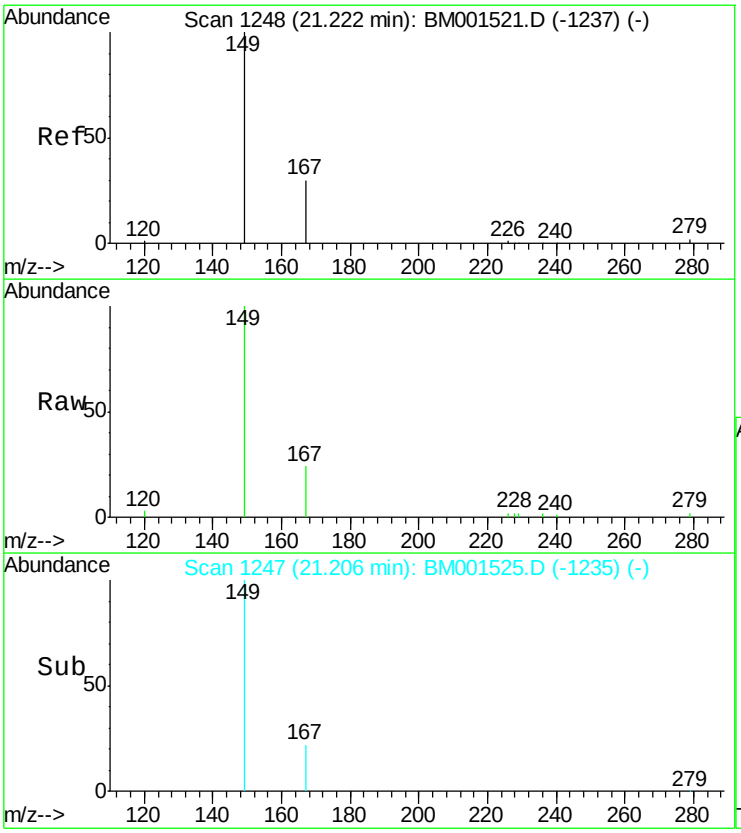
#29
Chrysene
Concen: 0.06 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:228 Resp: 500

Ion	Ratio	Lower	Upper
228	100		
226	48.4	27.6	41.4#
229	34.6	13.6	20.4#

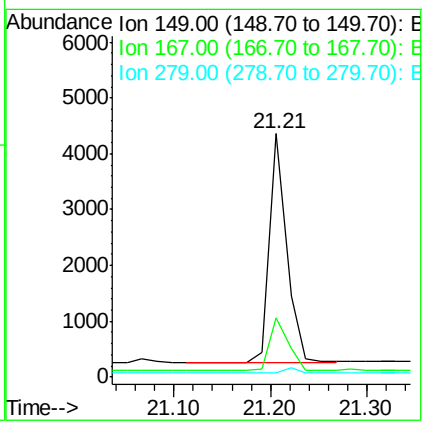


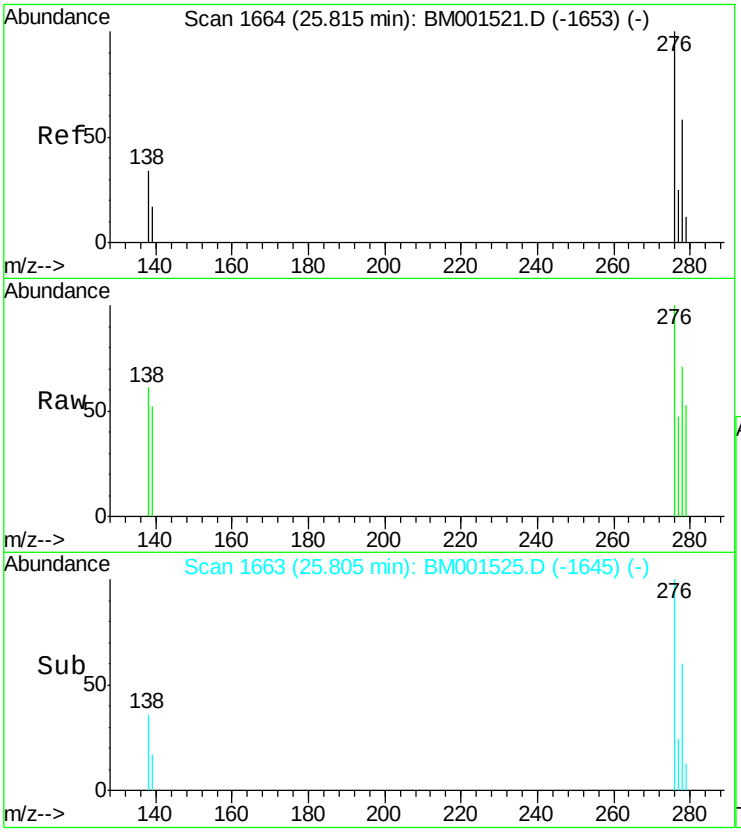


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.21 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:149 Resp: 5240

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.0	31.6
279	2.2	2.2	3.2



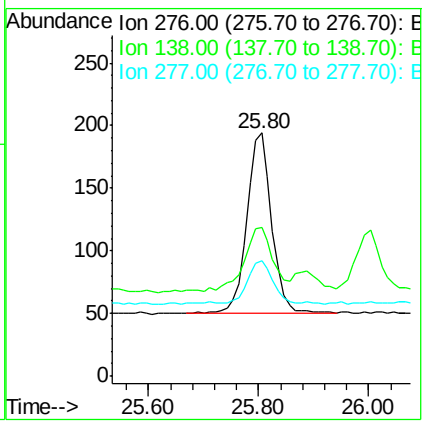


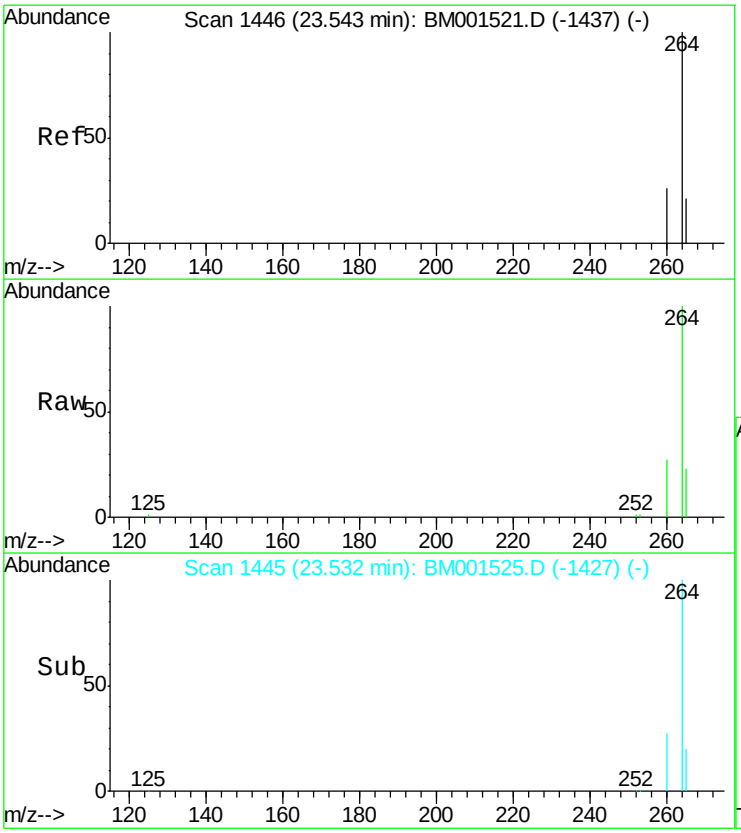
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.80 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:276 Resp: 453

Ion	Ratio	Lower	Upper
276	100		
138	44.6	23.4	35.0#
277	25.4	19.5	29.3

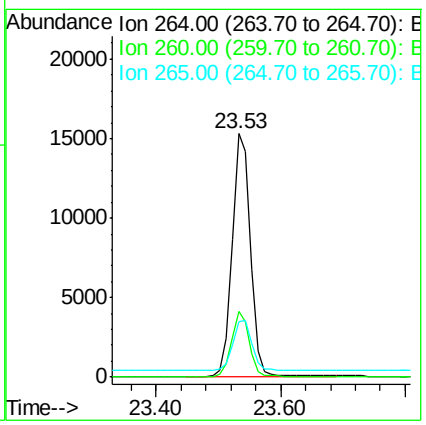


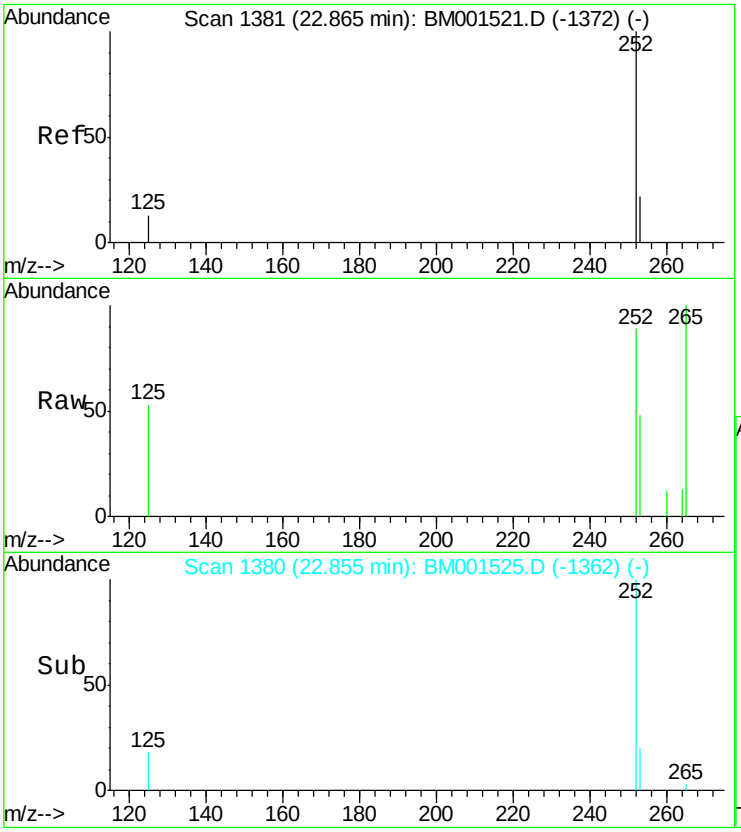


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:264 Resp: 31146

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.1	30.1
265	23.0	17.1	25.7



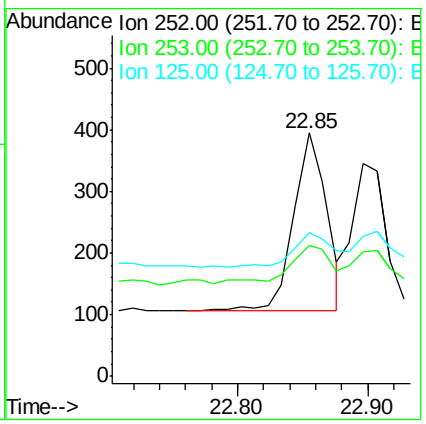


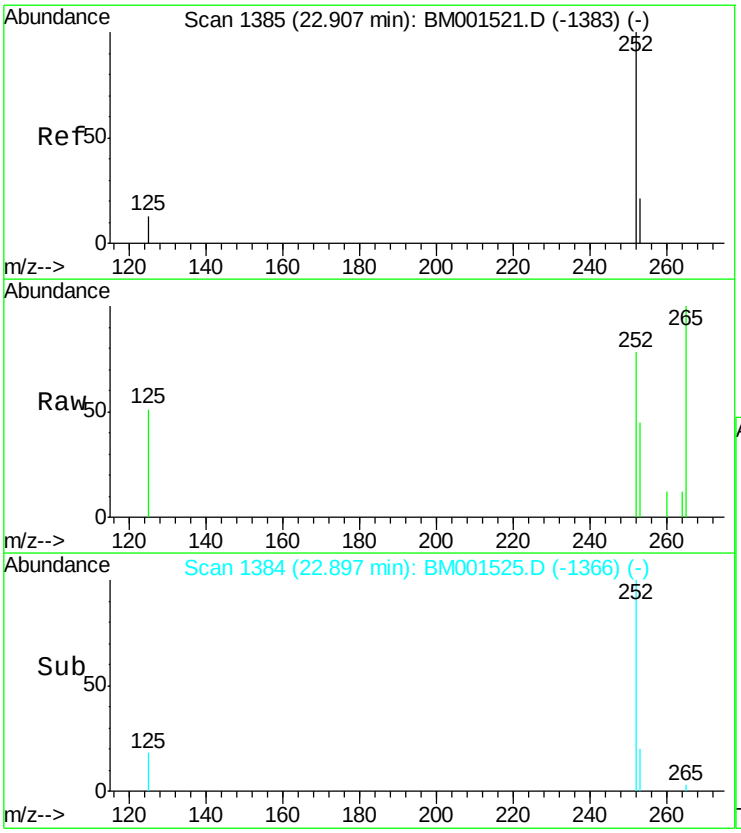
#33
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.85 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:252 Resp: 512

Ion	Ratio	Lower	Upper
252	100		
253	53.9	17.4	26.0#
125	59.0	10.2	15.4#

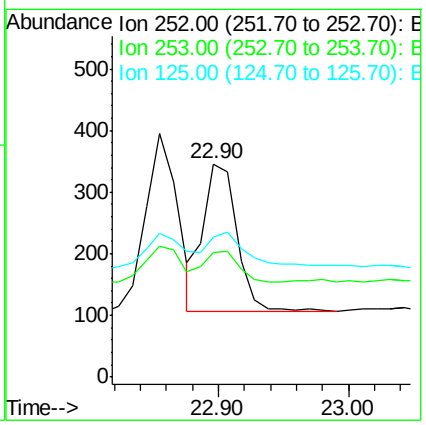


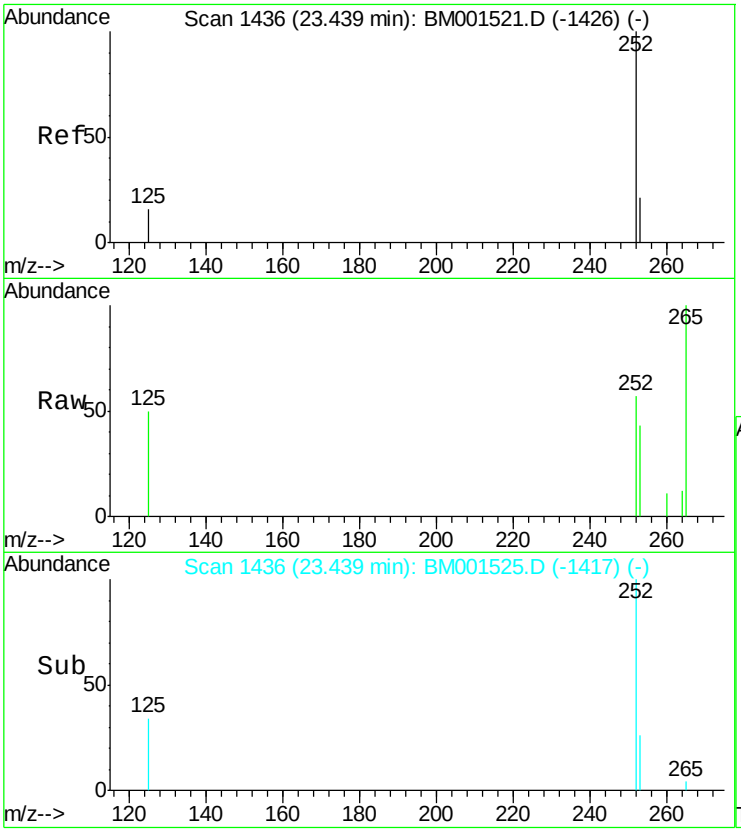


#34
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.90 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:252 Resp: 437

Ion	Ratio	Lower	Upper
252	100		
253	58.1	17.6	26.4#
125	65.6	9.7	14.5#



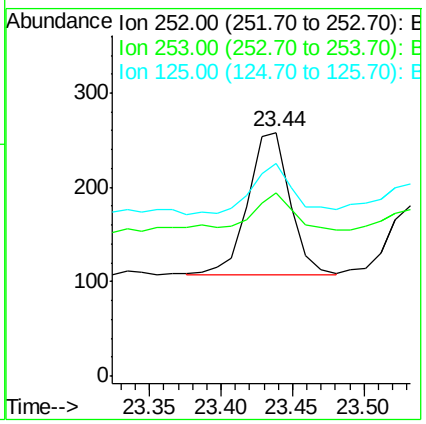


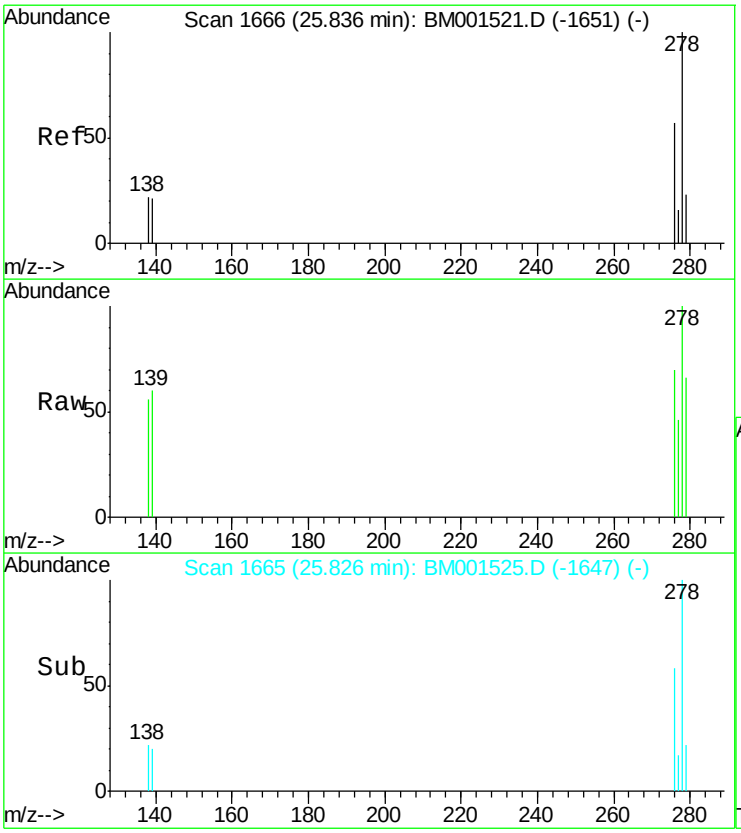
#35
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.44 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:252 Resp: 310

Ion	Ratio	Lower	Upper
252	100		
253	75.2	18.6	28.0#
125	87.2	10.7	16.1#

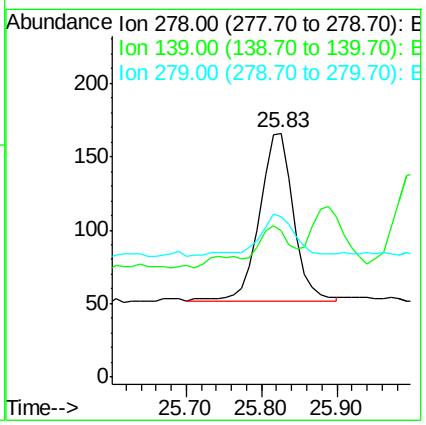


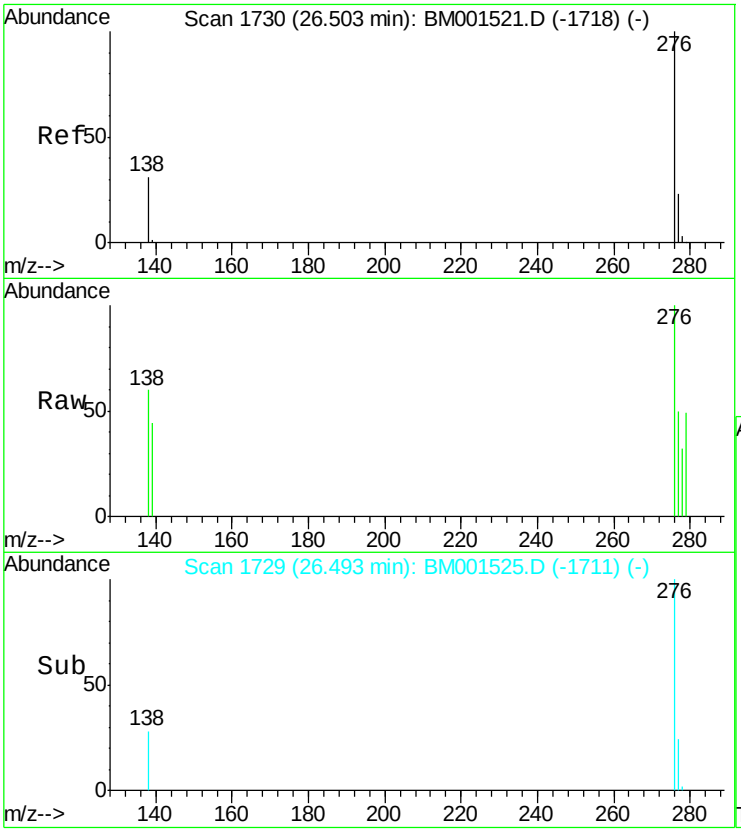


#36
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.83 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Tgt Ion:278 Resp: 352

Ion	Ratio	Lower	Upper
278	100		
139	60.2	15.7	23.5#
279	65.7	19.4	29.2#





#37
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.49 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BM001525.D
Acq: 02 Jun 2015 22:26

Instrument :
BNA_M
ClientSampleId :
T-550

Tgt Ion:276 Resp: 397

Ion	Ratio	Lower	Upper
276	100		
277	50.0	19.8	29.6#
138	59.9	20.2	30.2#