Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001541.D
Acq On : 03 Jun 2015 19:00
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Jun 04 03:16:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 03:14:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	26772	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	96348	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	46108	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	110458	5.00	ng		0.00
25) Chrysene-d12	21.28	240	76793	5.00	ng		0.00
32) Perylene-d12	23.53	264	73442	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	30111	5.11	ng		0.00
5) Phenol-d6	6.86	99	37721	5.18	ng		0.00
7) Nitrobenzene-d5	8.86	82	34472	5.65	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	9805	9.92	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	66465	4.81	ng		0.00
27) Terphenyl-d14	19.73	244	45944	4.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	11937	4.27	ng		96
3) n-Nitrosodimethylamine	3.51	42	19927	5.22	ng		98
8) Nitrobenzene	8.90	77	36724	5.67	ng		99
9) Naphthalene	10.52	128	96728	4.76	ng		99
10) Hexachlorobutadiene	10.82	225	16690	4.71	ng		100
11) 2-Methylnaphthalene	12.16	142	61935	4.85	ng		99
15) Acenaphthylene	14.06	152	103709	5.25	ng		100
16) Acenaphthene	14.41	154	60625	4.95	ng		96
17) Fluorene	15.39	166	51201	2.66	ng		99
19) 4-Bromophenyl-phenylether	16.27	248	19970	10.55	ng		95
20) Hexachlorobenzene	16.41	284	10930	2.79	ng	#	100
21) Pentachlorophenol	16.75	266	7524	4.39	ng		94
22) Phenanthrene	17.12	178	150170	7.14	ng		99
23) Anthracene	17.23	178	55637	2.50	ng	#	48
24) Fluoranthene	19.15	202	109117	5.49	ng		99
26) Pyrene	19.52	202	114037	4.89	ng		100
28) Benzo(a)anthracene	21.27	228	102410	4.93	ng		99
29) Chrysene	21.31	228	86788	4.43	ng		99
30) Bis(2-ethylhexyl)phthalate	21.21	149	79152	5.33	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	101115	4.67	ng		100
33) Benzo(b)fluoranthene	22.84	252	91771	4.42	ng		97
34) Benzo(k)fluoranthene	22.90	252	90332	4.88	ng		96
35) Benzo(a)pyrene	23.43	252	85778	4.78	ng		96
36) Dibenzo(a,h)anthracene	25.80	278	79369	4.48	ng		97
37) Benzo(g,h,i)perylene	26.48	276	82211	4.44	ng		98

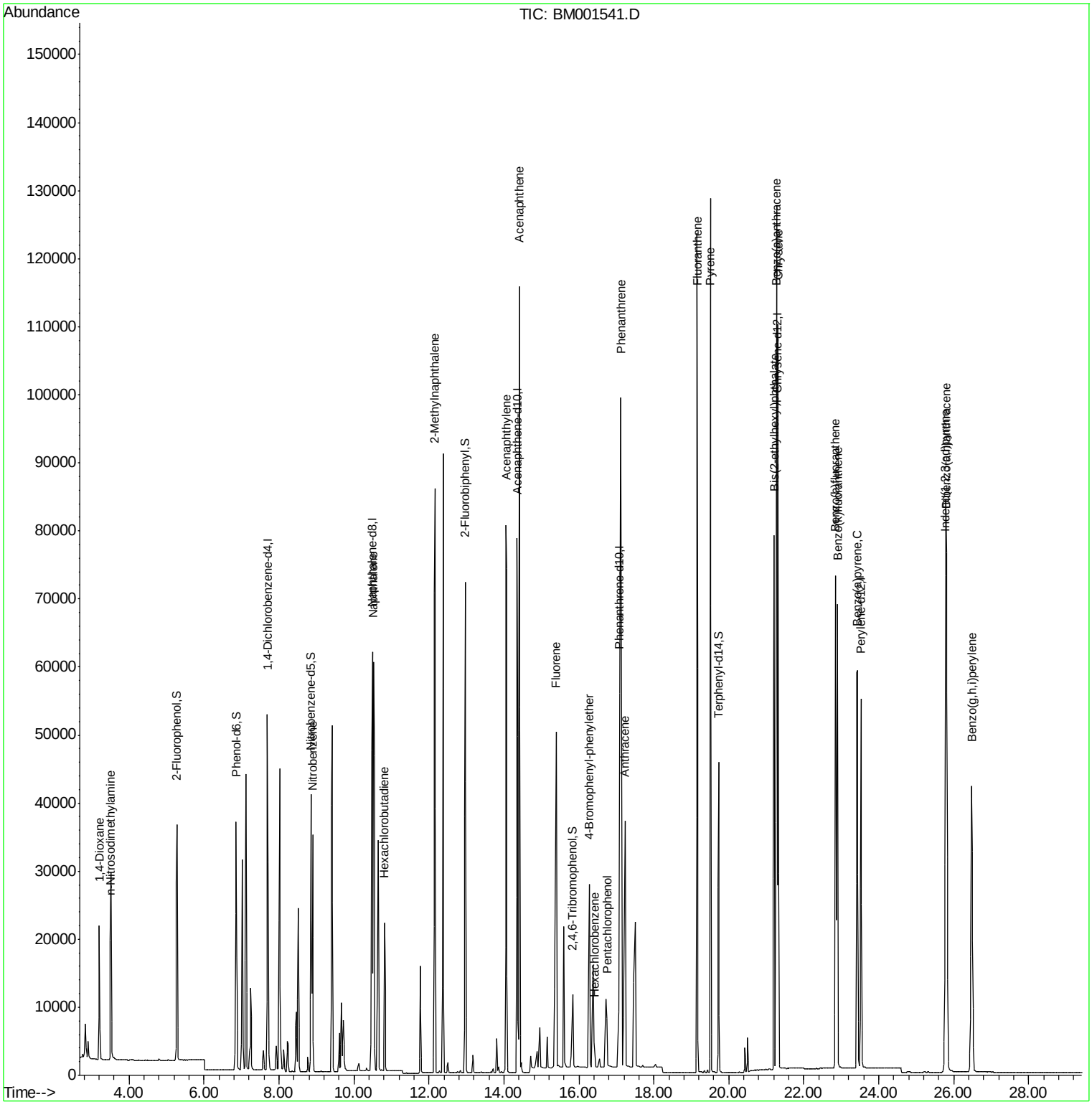
(#) = qualifier out of range (m) = manual integration (+) = signals summed

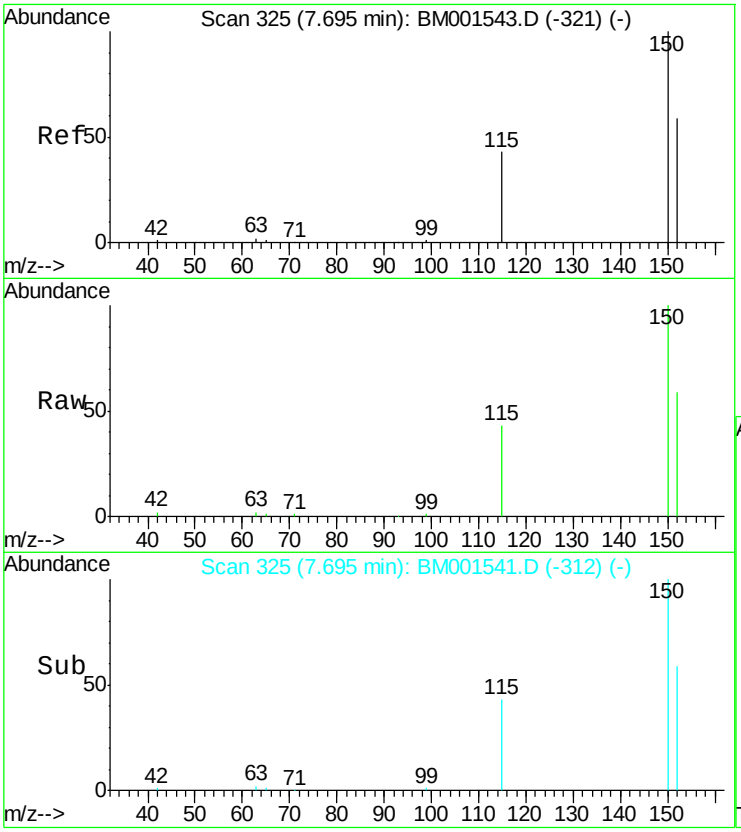
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001541.D
Acq On : 03 Jun 2015 19:00
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jun 04 03:16:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 03:14:13 2015
Response via : Initial Calibration



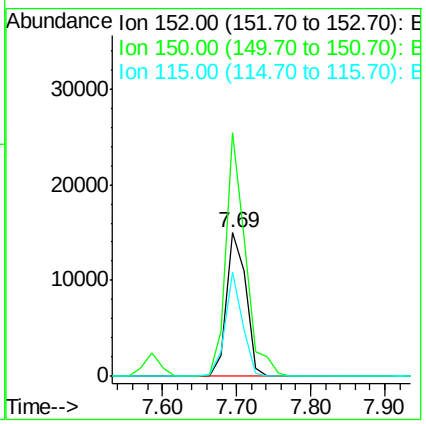


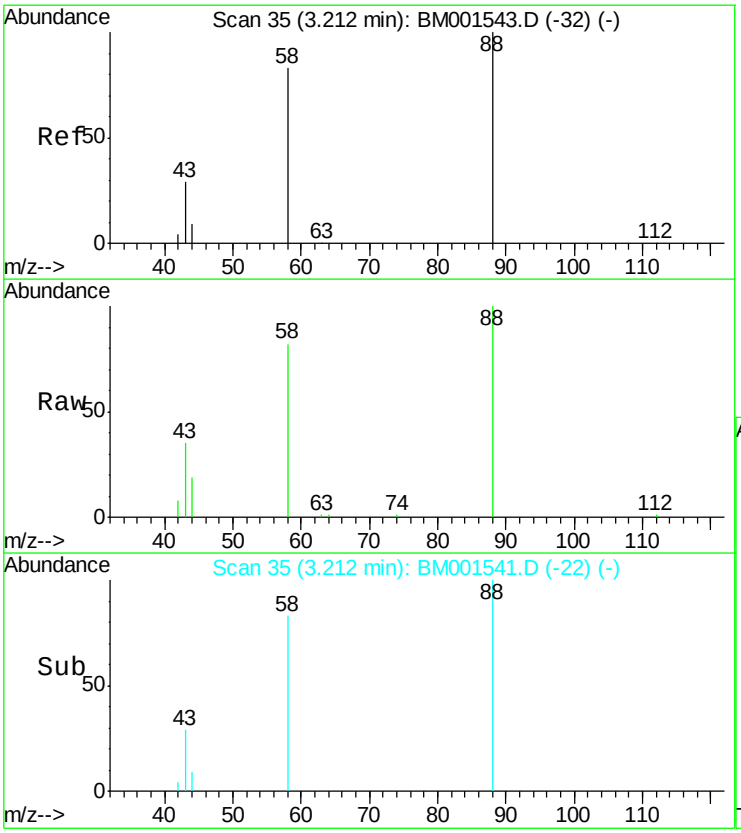
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 26772

Ion	Ratio	Lower	Upper
152	100		
150	169.9	135.0	202.4
115	72.9	57.8	86.8

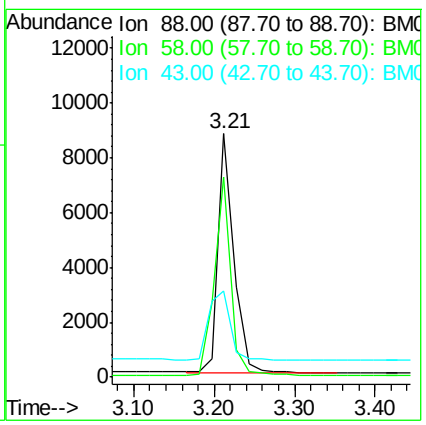


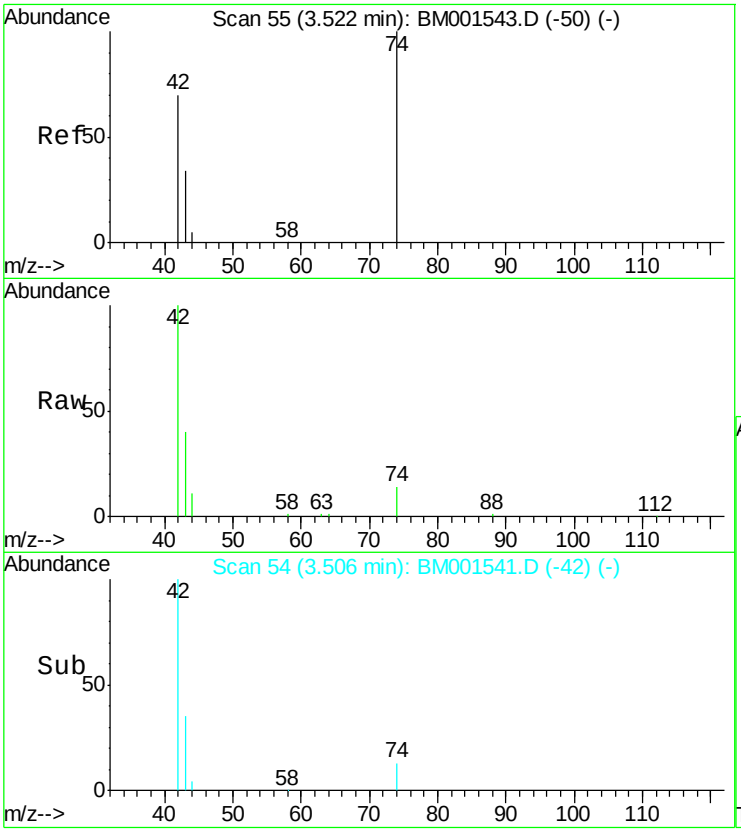


#2
1,4-Dioxane
Concen: 4.27 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion: 88 Resp: 11937

Ion	Ratio	Lower	Upper
88	100		
58	85.8	65.0	97.4
43	39.9	31.1	46.7



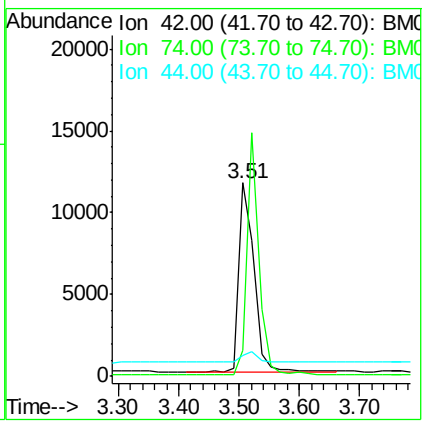


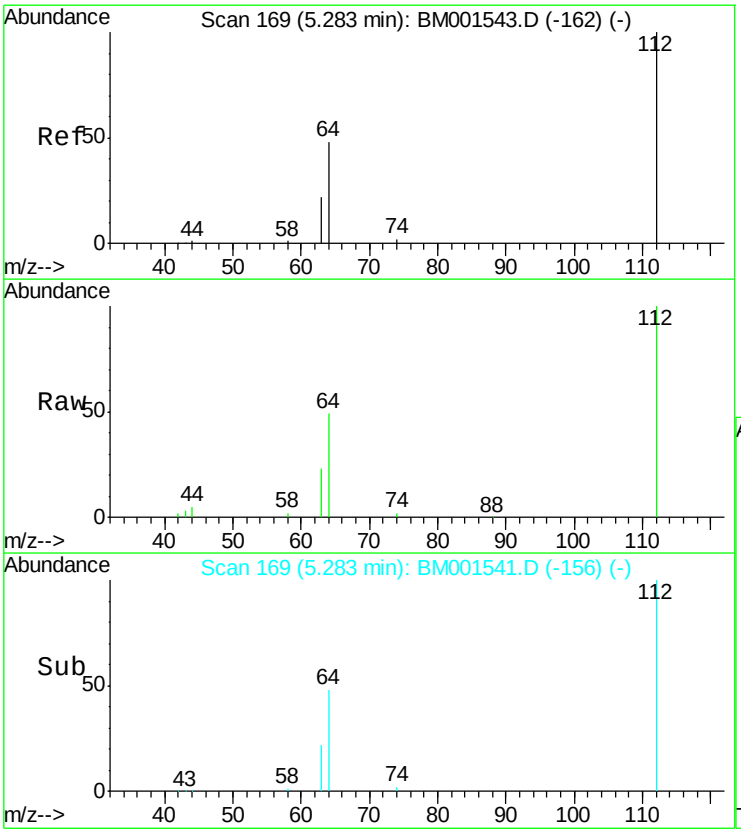
#3
n-Nitrosodimethylamine
Concen: 5.22 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 19927

Ion	Ratio	Lower	Upper
42	100		
74	100.9	82.0	123.0
44	6.3	5.8	8.6

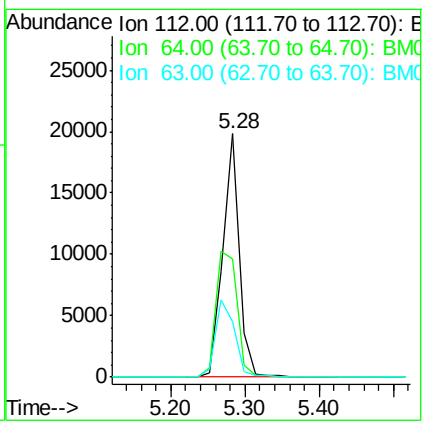


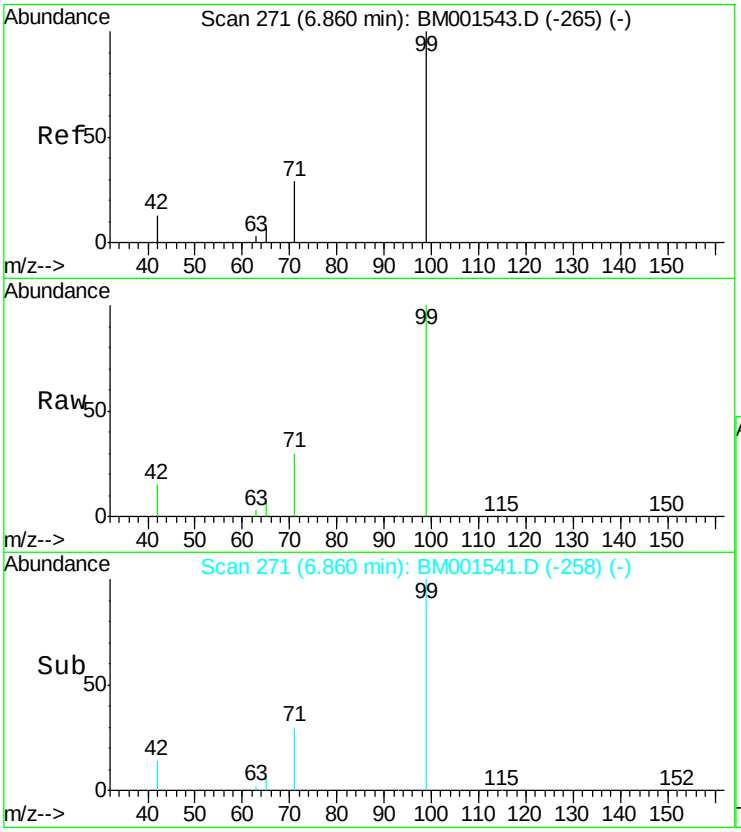


#4
2-Fluorophenol
Concen: 5.11 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:112 Resp: 30111

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.0	79.4
63	36.1	29.2	43.8



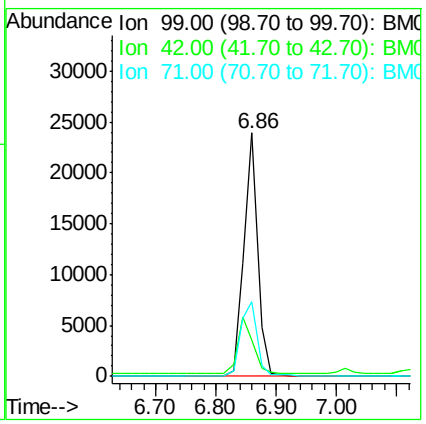


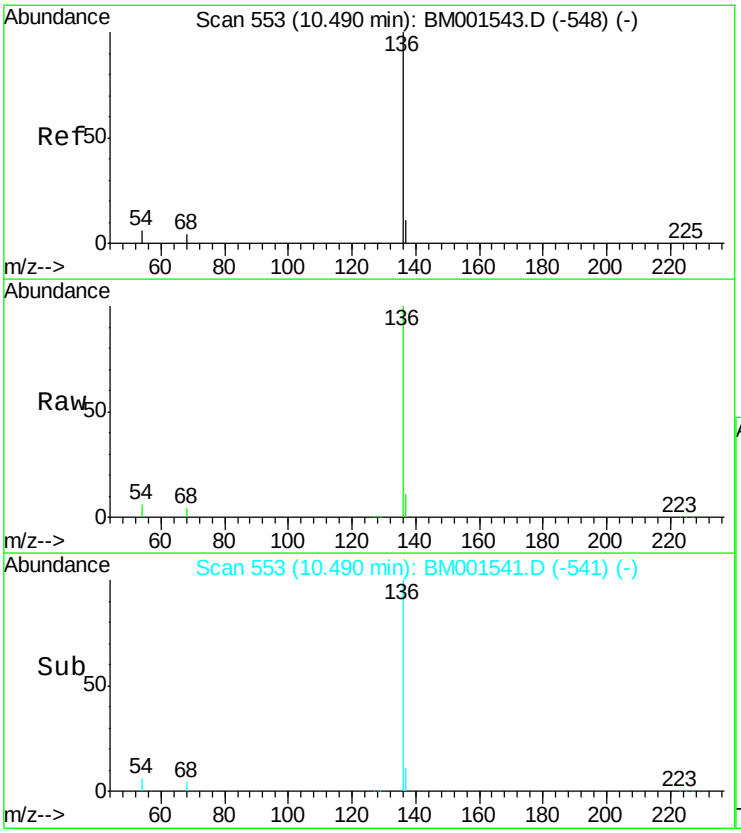
#5
Phenol-d6
Concen: 5.18 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 37721

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.9	31.3
71	35.1	28.5	42.7

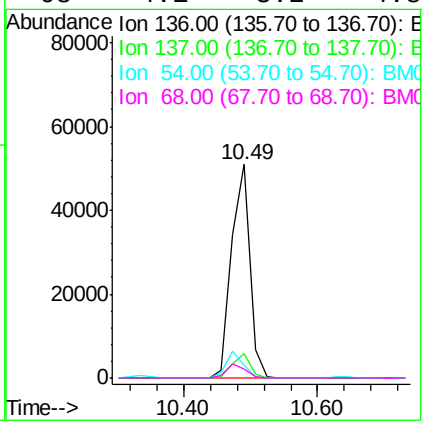


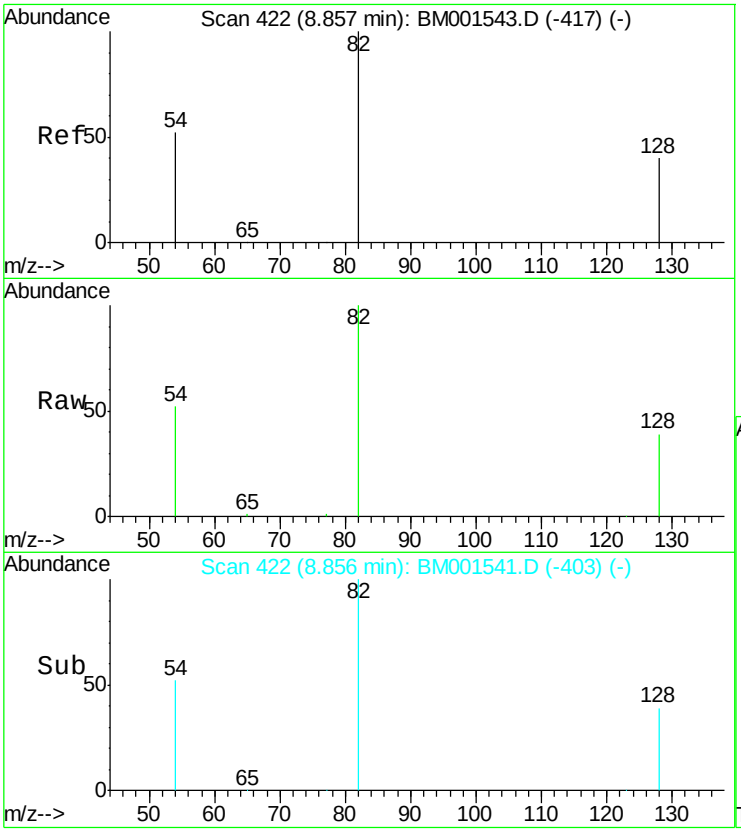


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:136 Resp: 96348

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	5.9	4.6	6.8
68	4.1	3.2	4.8



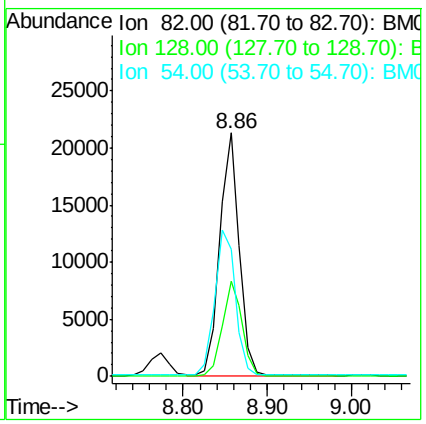


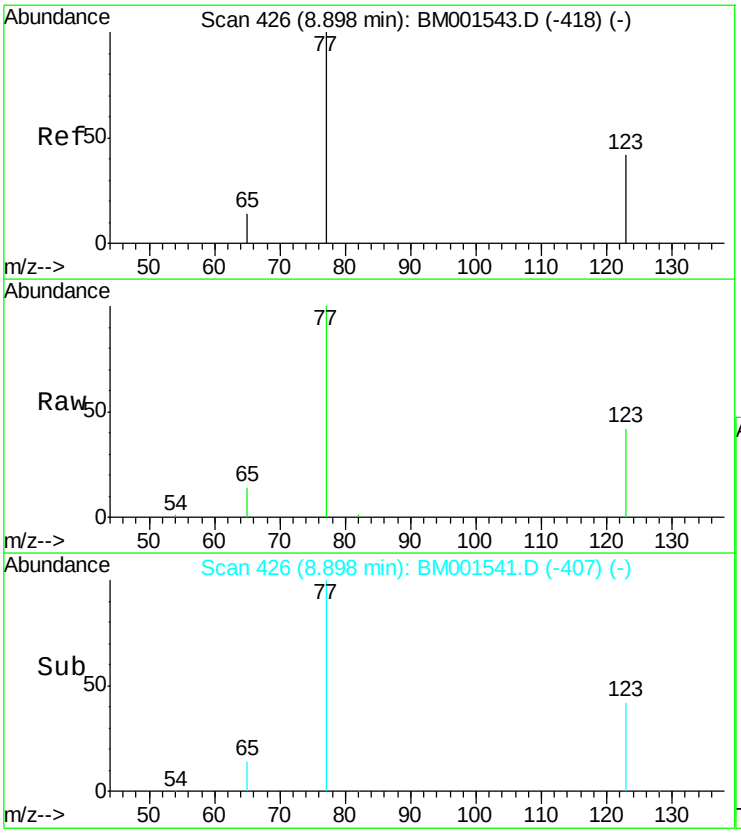
#7
Nitrobenzene-d5
Concen: 5.65 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 34472

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.3	48.5
54	52.4	43.0	64.4

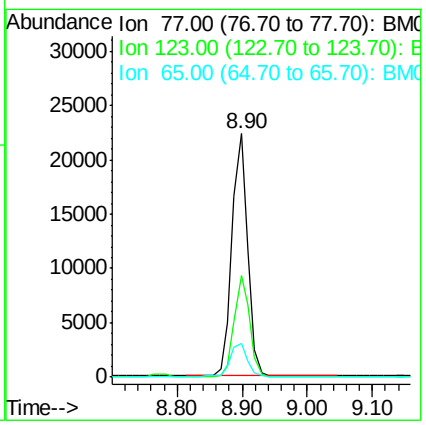


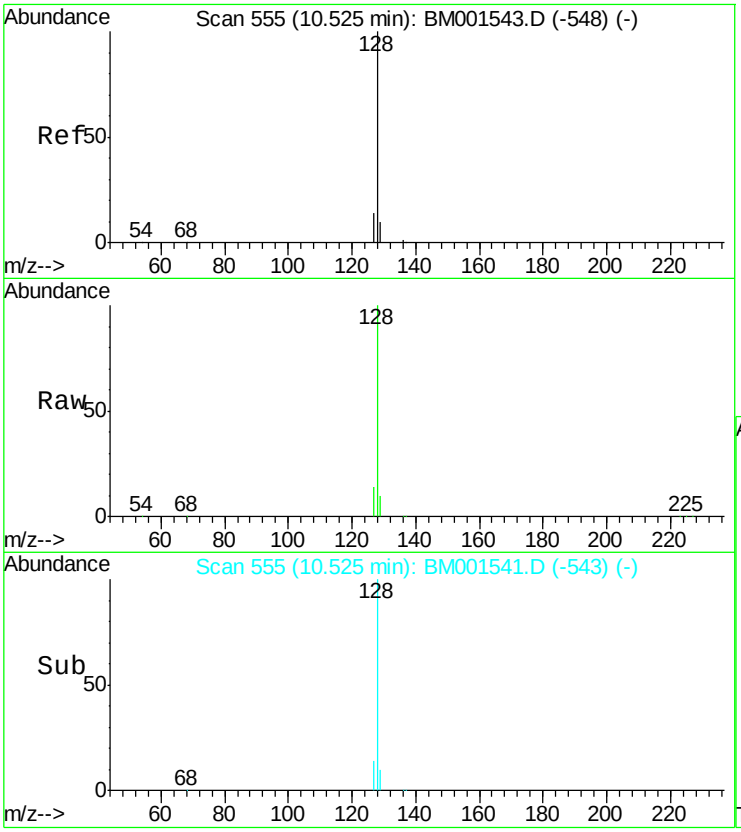


#8
Nitrobenzene
Concen: 5.67 ng
RT: 8.90 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion: 77 Resp: 36724

Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.5	48.7
65	14.5	11.8	17.6



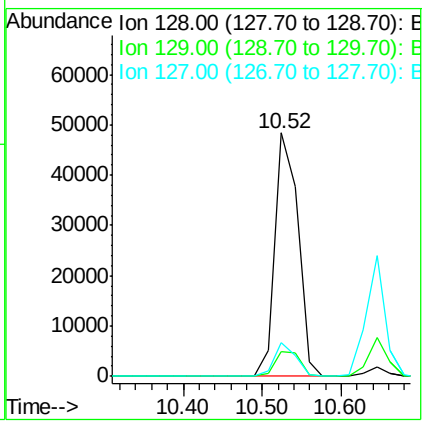


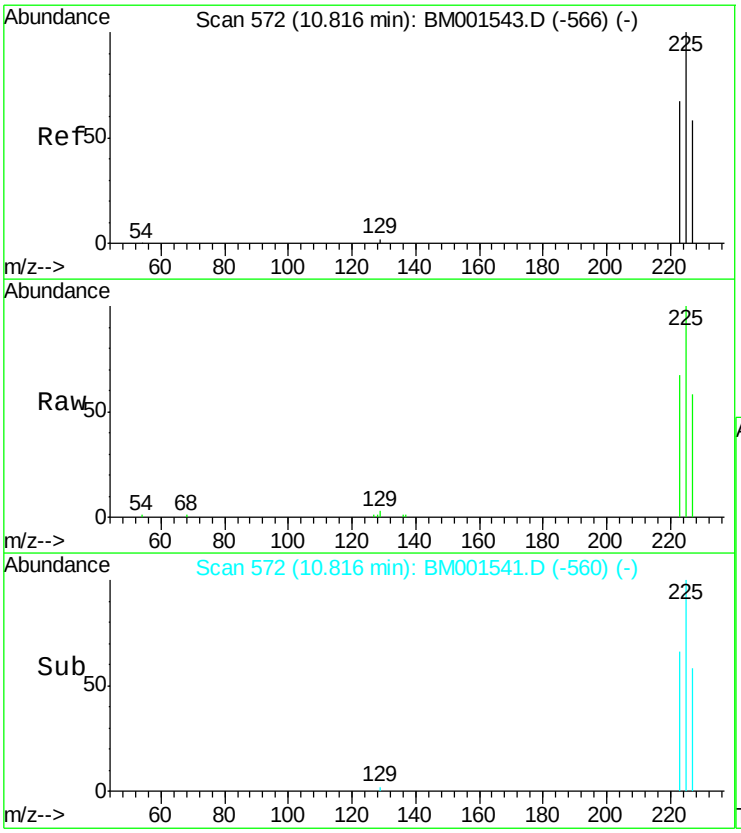
#9
Naphthalene
Concen: 4.76 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 96728

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.5	12.7
127	14.0	11.7	17.5

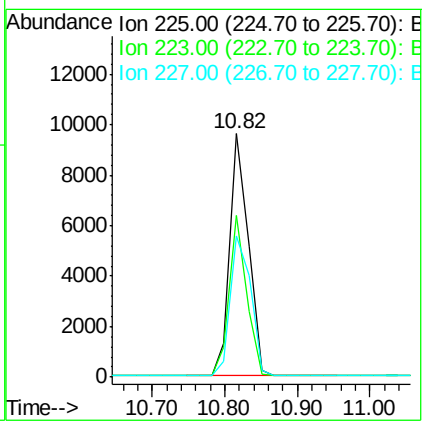


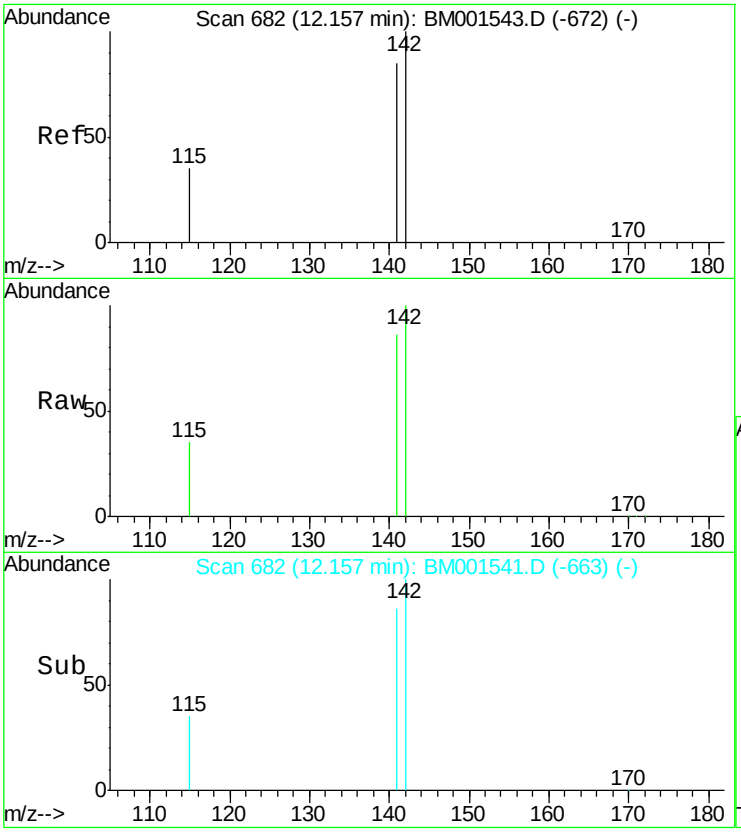


#10
Hexachlorobutadiene
Concen: 4.71 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:225 Resp: 16690

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.7	50.5	75.7



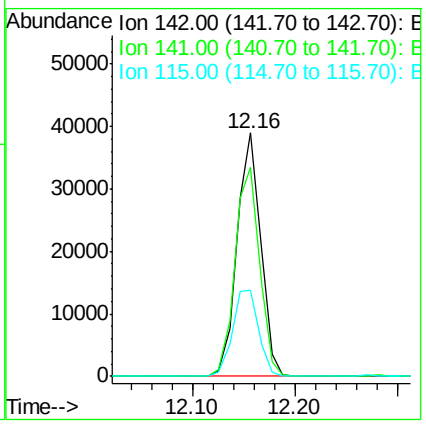


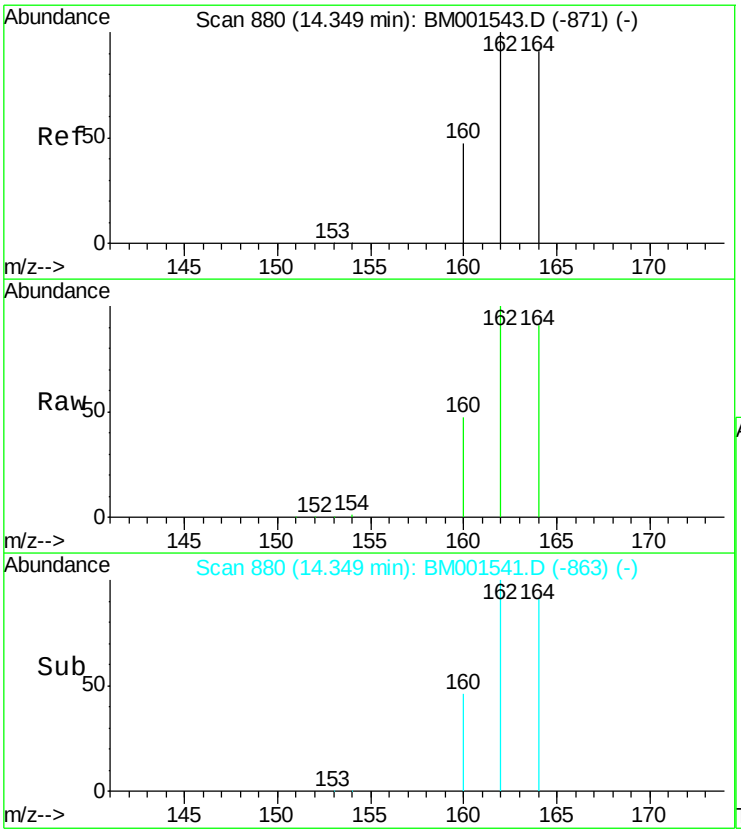
#11
2-Methylnaphthalene
Concen: 4.85 ng
RT: 12.16 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 61935

Ion	Ratio	Lower	Upper
142	100		
141	85.7	68.1	102.1
115	35.3	28.3	42.5

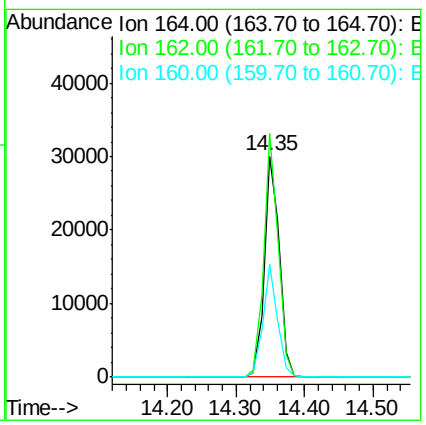


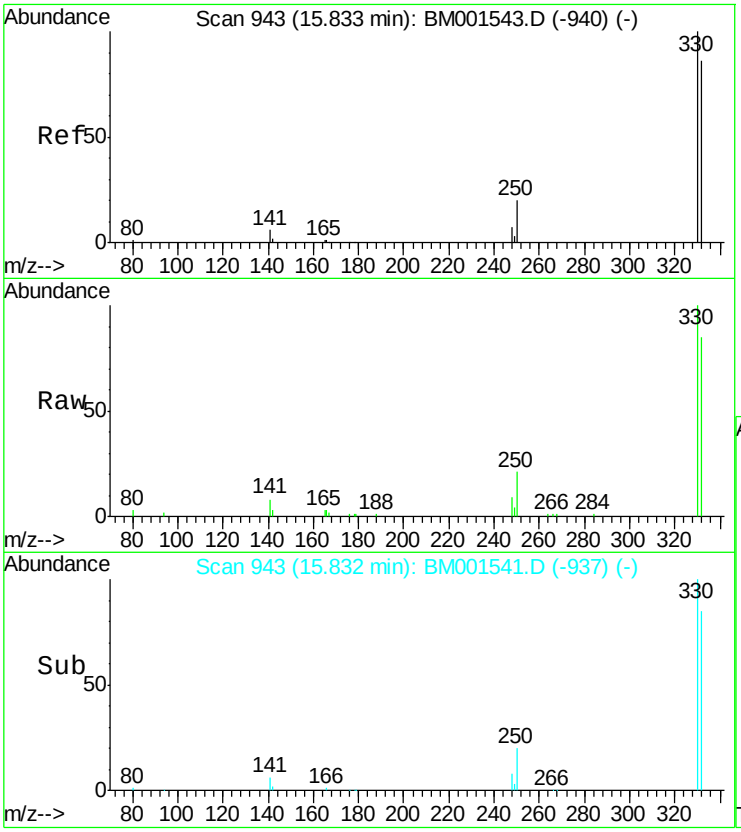


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:164 Resp: 46108

Ion	Ratio	Lower	Upper
164	100		
162	110.4	88.0	132.0
160	51.3	41.0	61.4



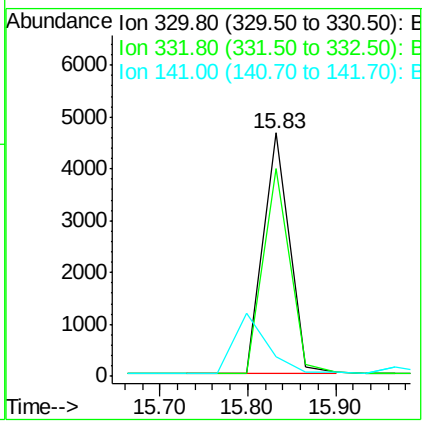


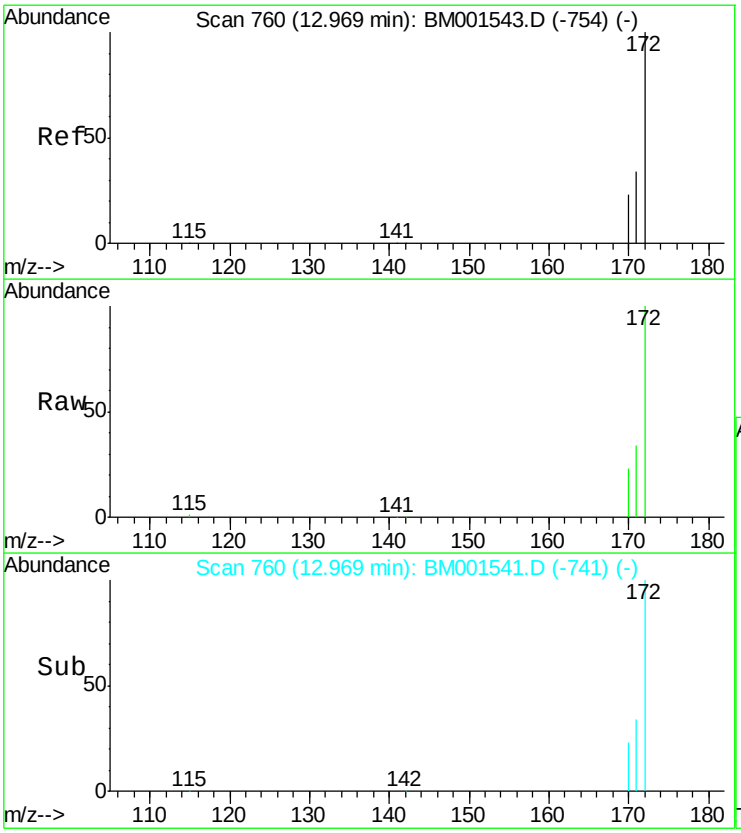
#13
2,4,6-Tribromophenol
Concen: 9.92 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 9805

Ion	Ratio	Lower	Upper
330	100		
332	86.6	69.6	104.4
141	0.0	0.0	0.0

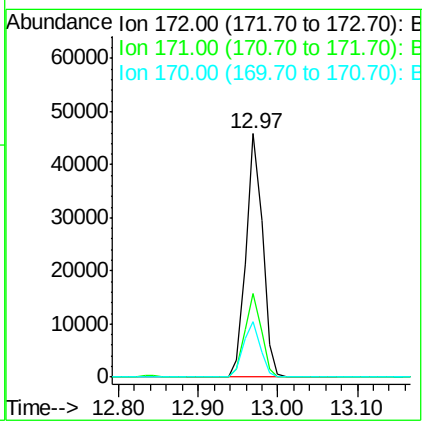


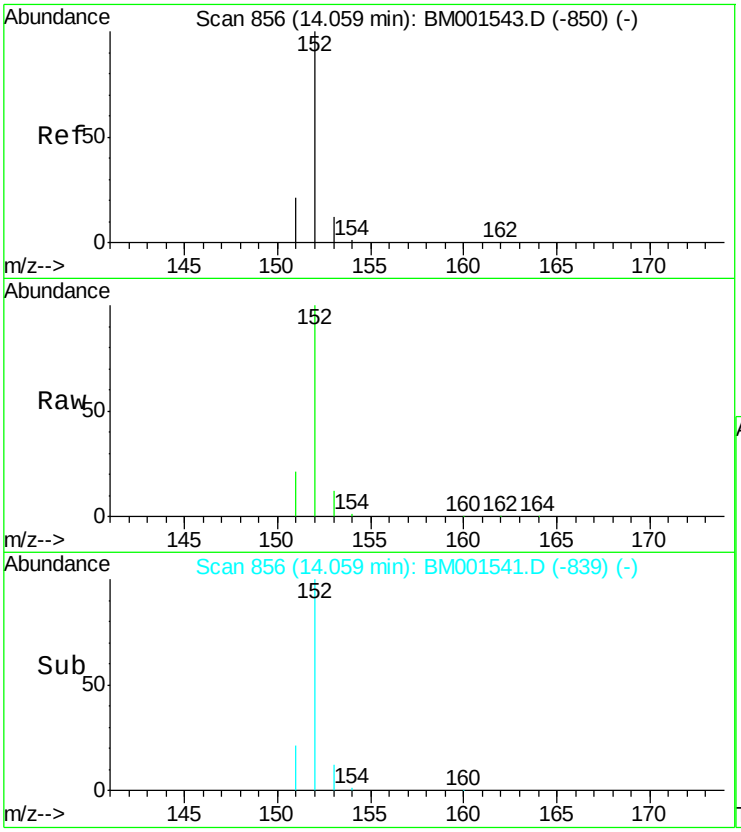


#14
2-Fluorobiphenyl
Concen: 4.81 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:172 Resp: 66465

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.6	41.4
170	22.8	18.4	27.6



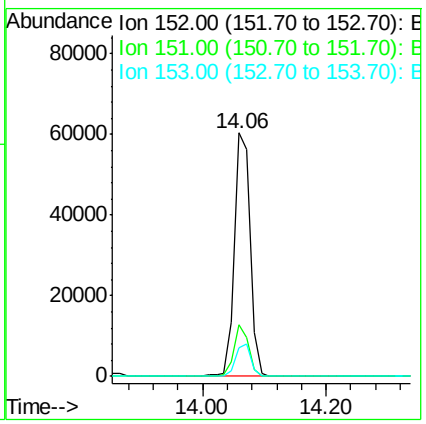


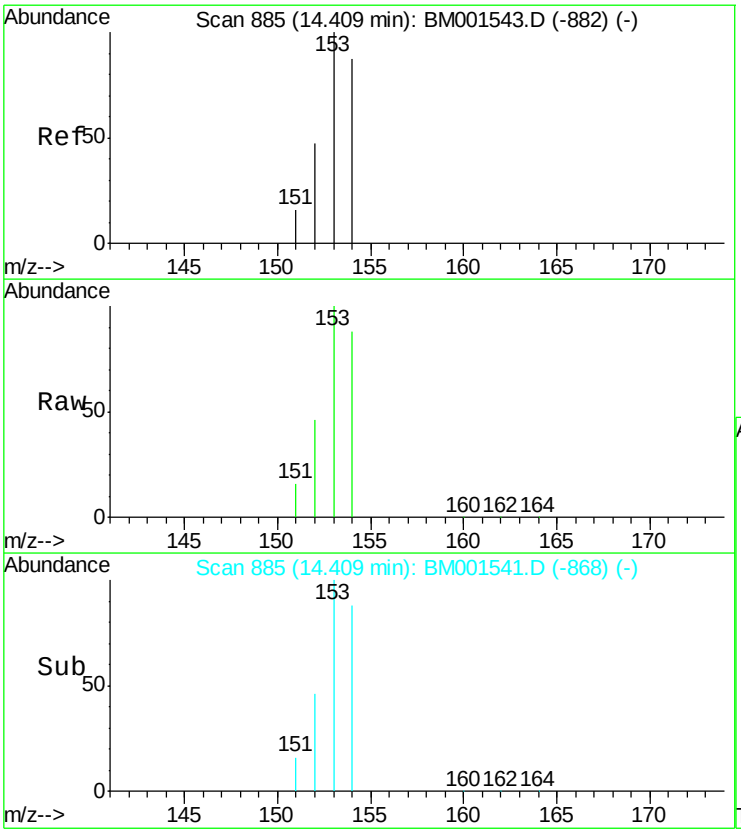
#15
Acenaphthylene
Concen: 5.25 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 103709

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	12.9	10.3	15.5

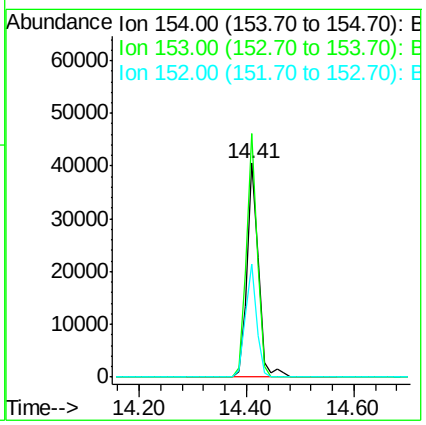


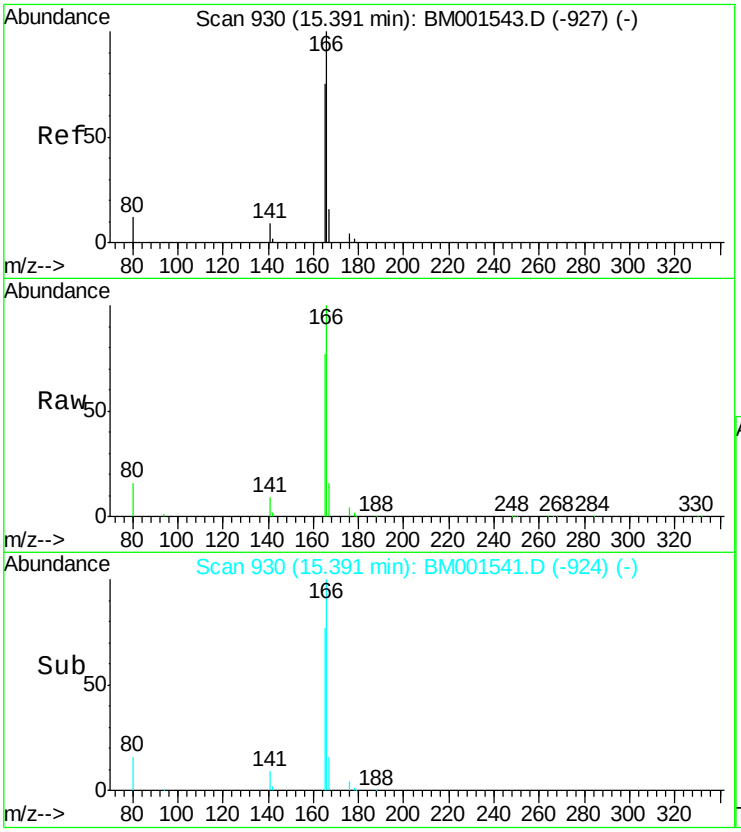


#16
Acenaphthene
Concen: 4.95 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:154 Resp: 60625

Ion	Ratio	Lower	Upper
154	100		
153	108.2	89.8	134.8
152	51.3	43.0	64.6



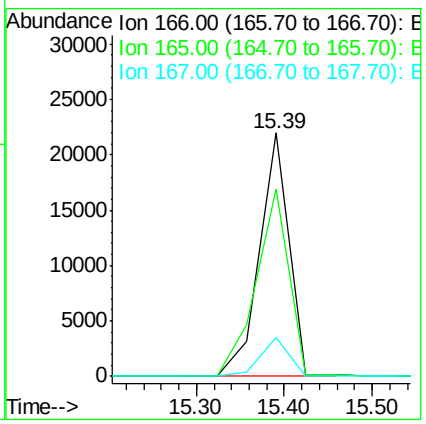


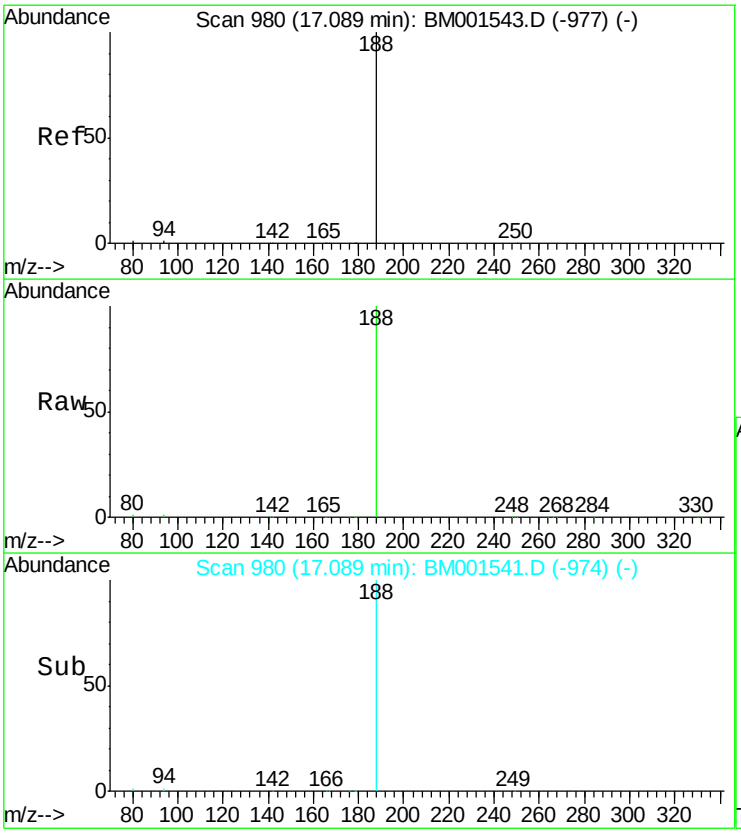
#17
Fluorene
Concen: 2.66 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 51201

Ion	Ratio	Lower	Upper
166	100		
165	85.8	68.2	102.2
167	14.9	12.1	18.1

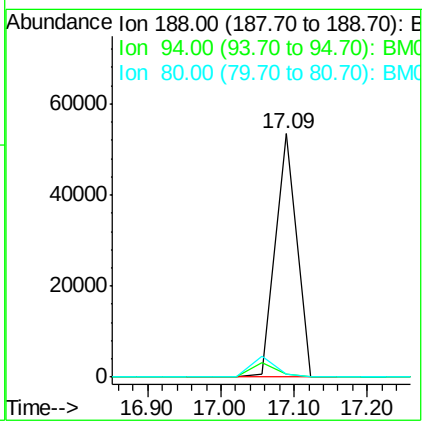


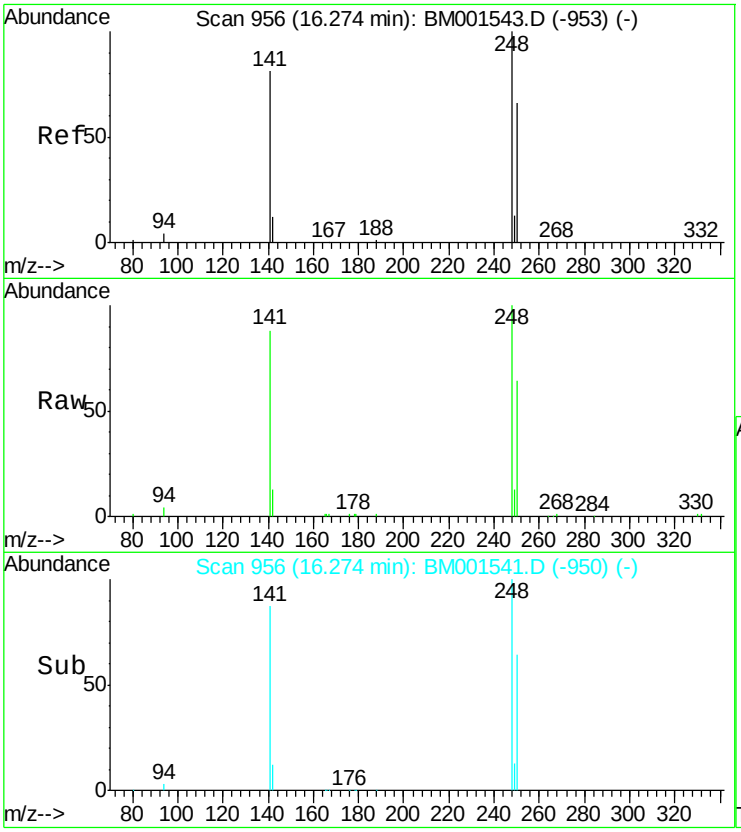


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:188 Resp: 110458

Ion	Ratio	Lower	Upper
188	100		
94	1.3	1.0	1.4
80	1.2	0.8	1.2#



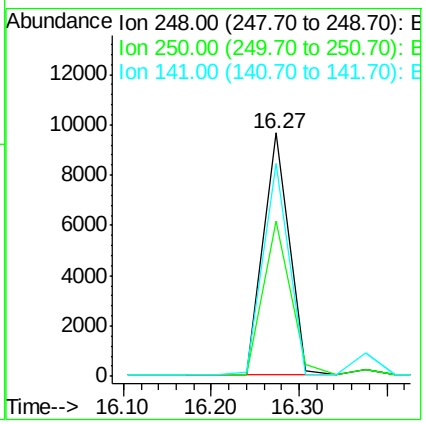


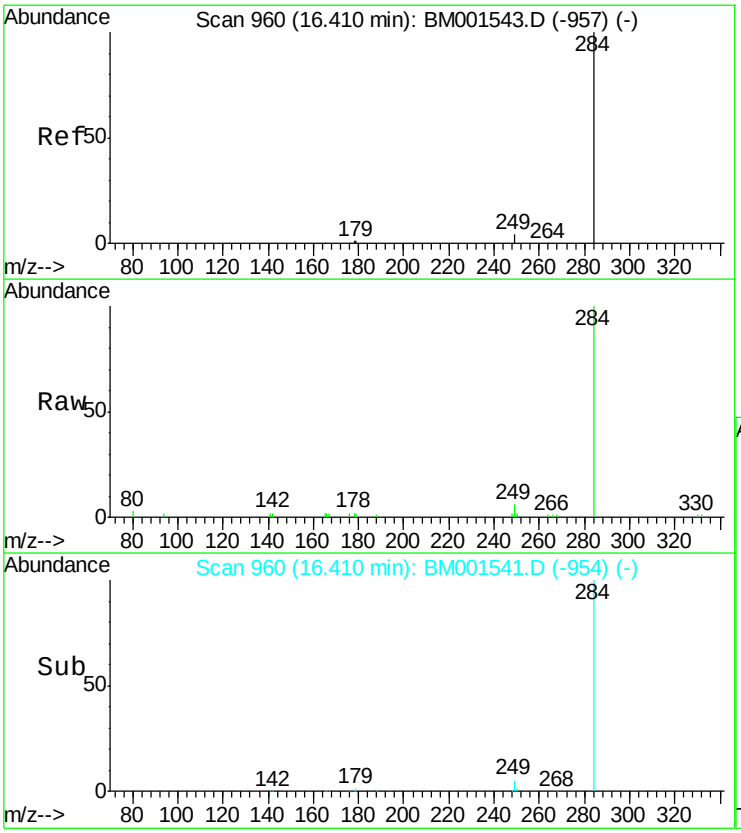
#19
4-Bromophenyl-phenylether
Concen: 10.55 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 19970

Ion	Ratio	Lower	Upper
248	100		
250	66.9	55.2	82.8
141	87.1	64.7	97.1

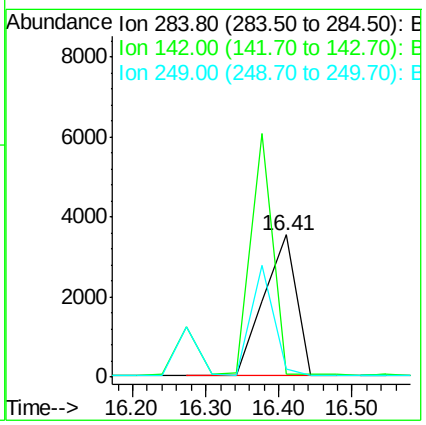


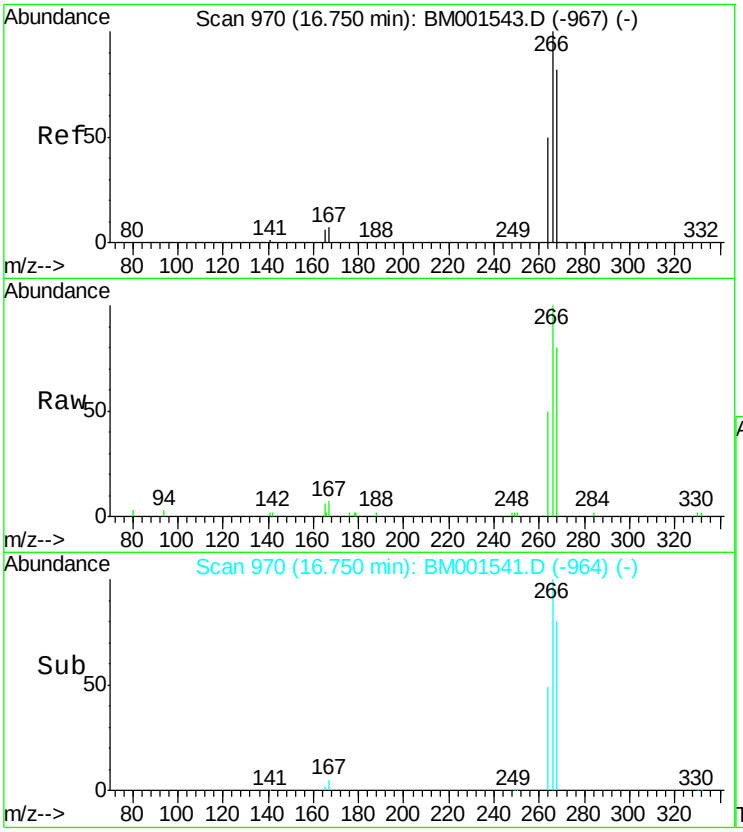


#20
Hexachlorobenzene
Concen: 2.79 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:284 Resp: 10930

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



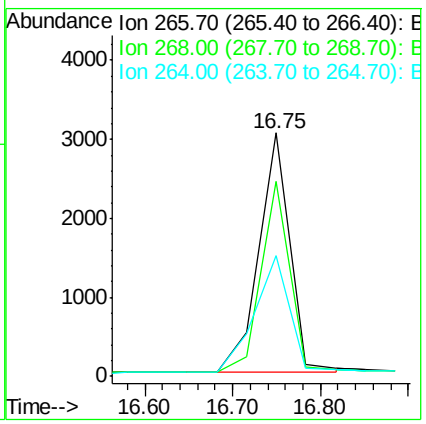


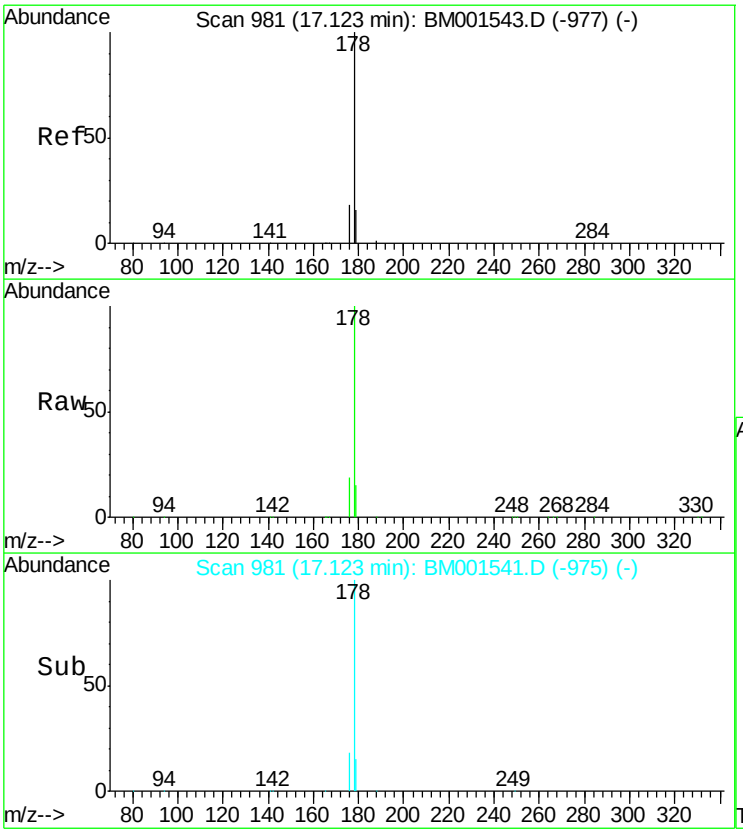
#21
Pentachlorophenol
Concen: 4.39 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 7524

Ion	Ratio	Lower	Upper
266	100		
268	79.9	67.2	100.8
264	49.5	43.7	65.5

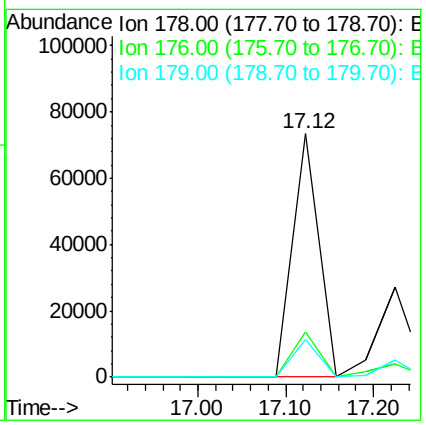


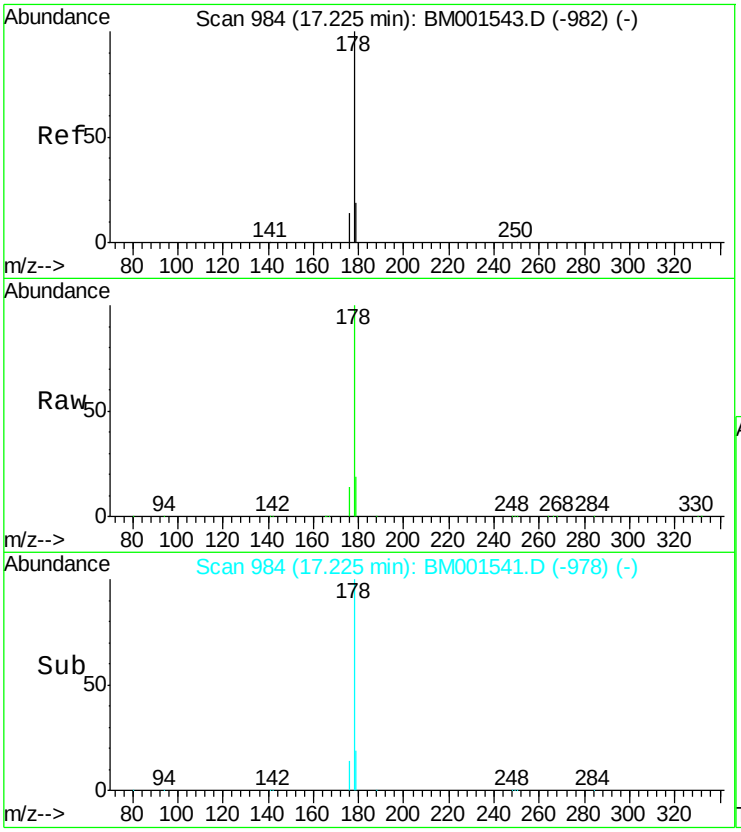


#22
Phenanthrene
Concen: 7.14 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:178 Resp: 150170

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.5	12.7	19.1



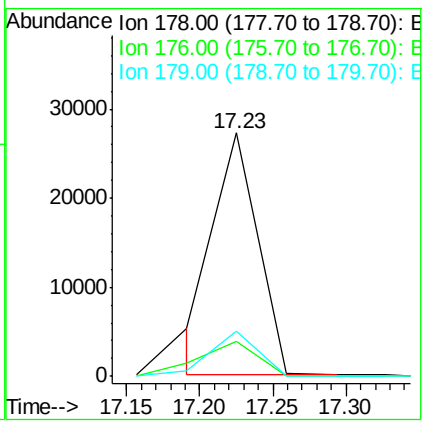


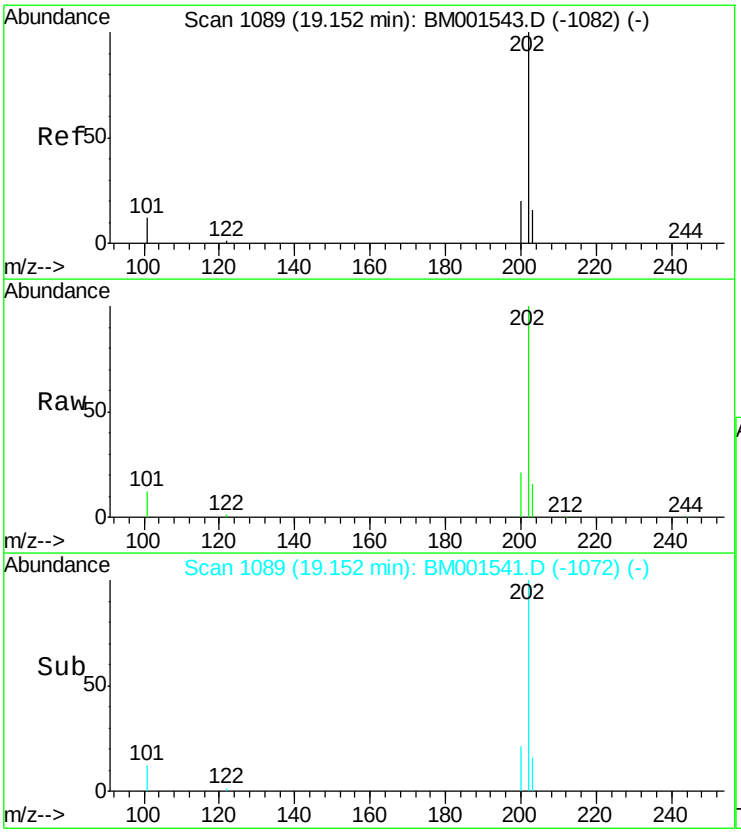
#23
Anthracene
Concen: 2.50 ng
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 55637

Ion	Ratio	Lower	Upper
178	100		
176	0.0	36.6	54.8#
179	18.6	28.7	43.1#

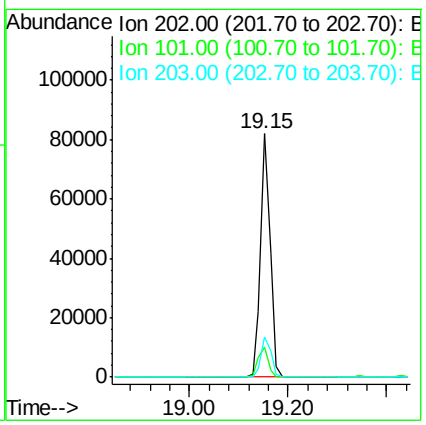


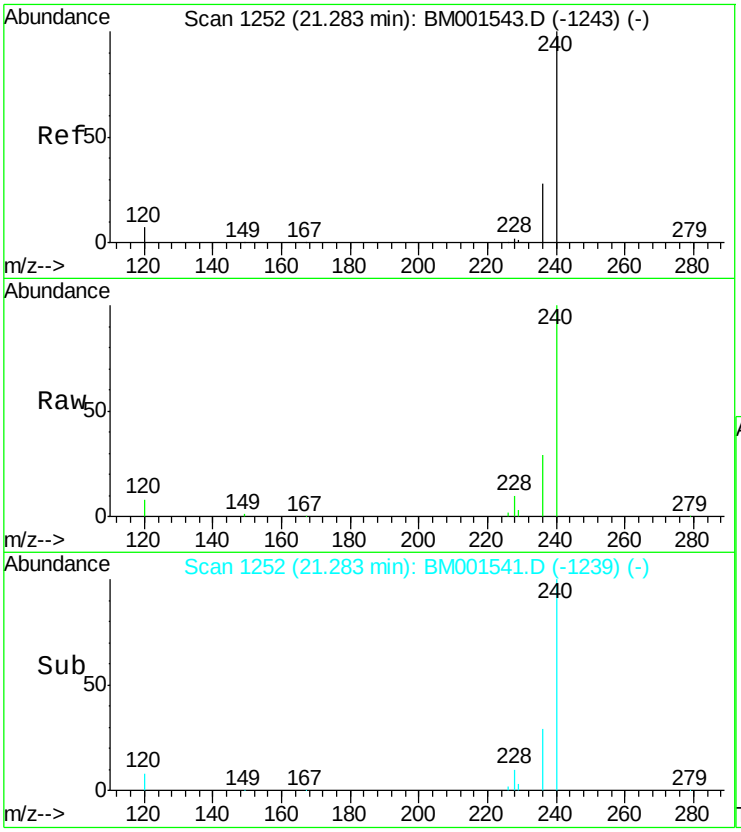


#24
Fluoranthene
Concen: 5.49 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:202 Resp: 109117

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
203	17.2	13.8	20.8



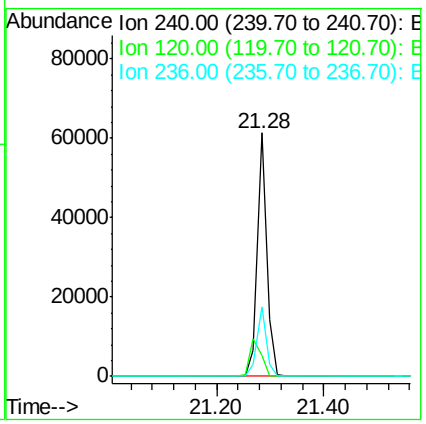


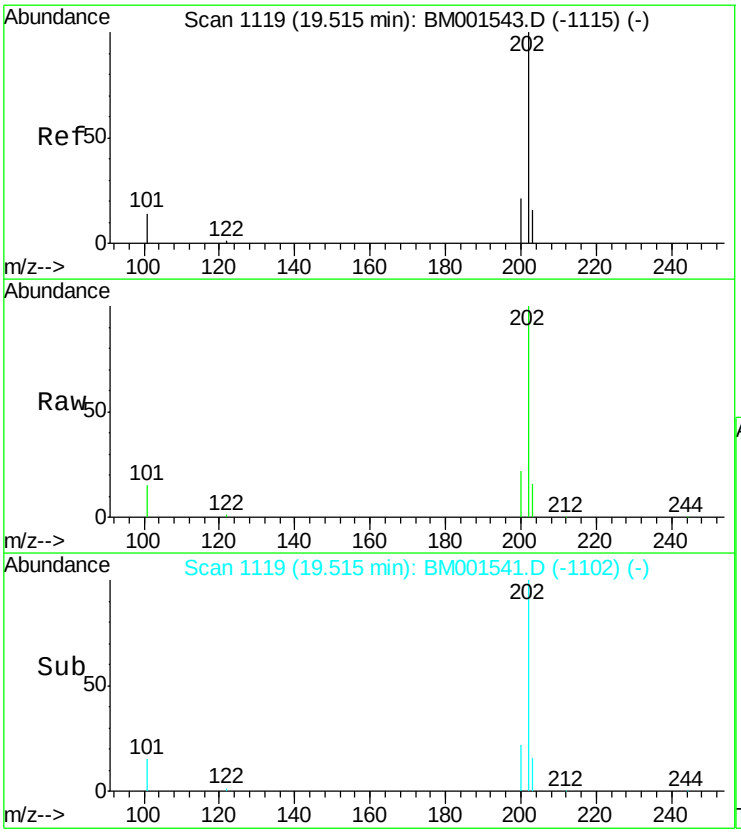
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 76793

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.6	8.4#
236	28.8	22.4	33.6

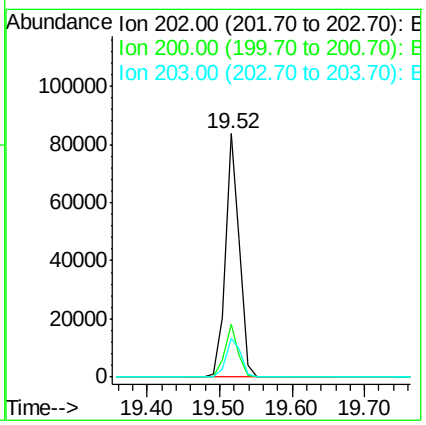


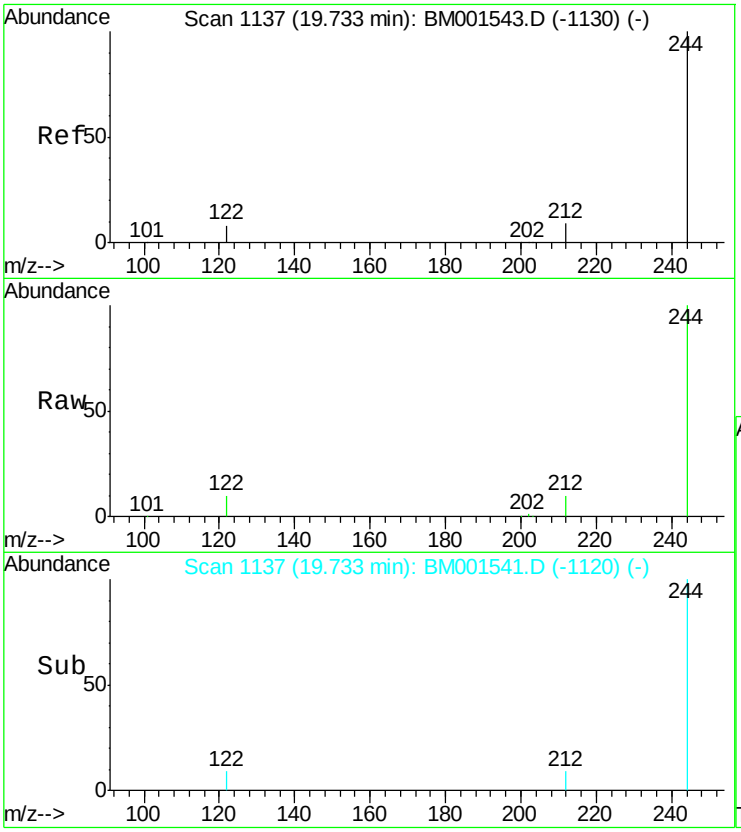


#26
Pyrene
Concen: 4.89 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:202 Resp: 114037

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.3	13.8	20.8



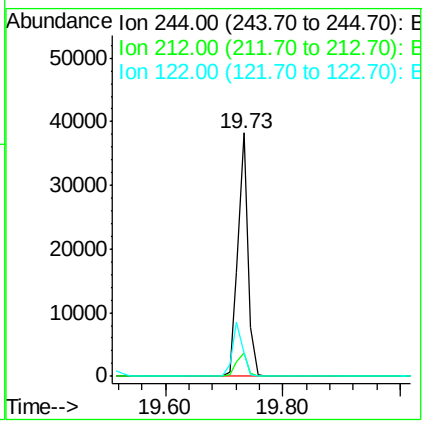


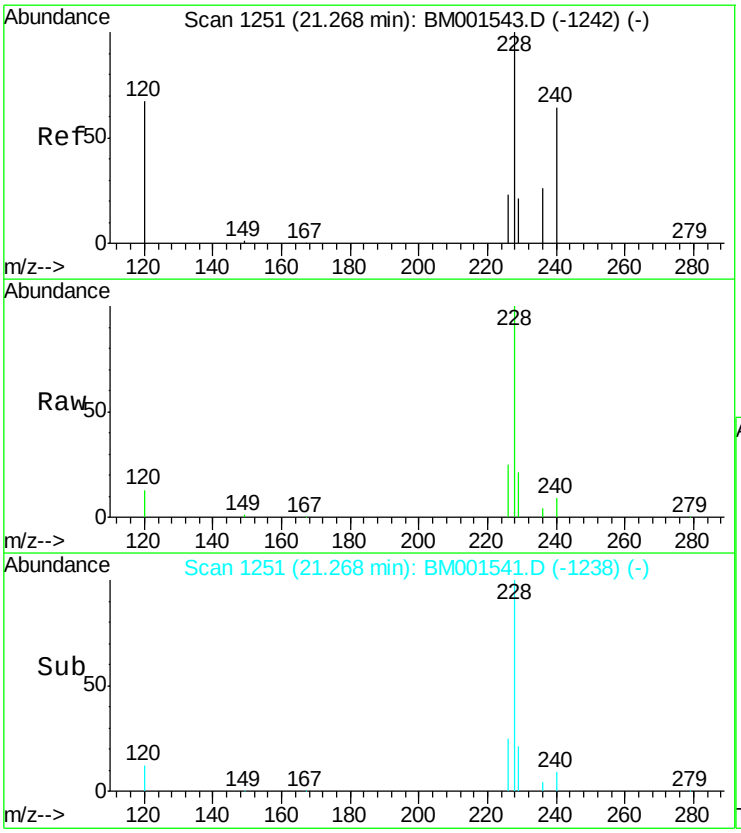
#27
Terphenyl-d14
Concen: 4.84 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 45944

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.0	12.0
122	9.6	7.3	10.9

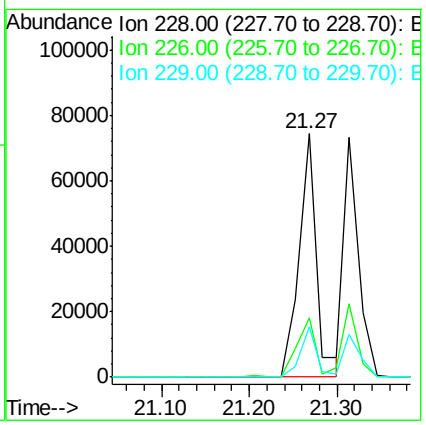


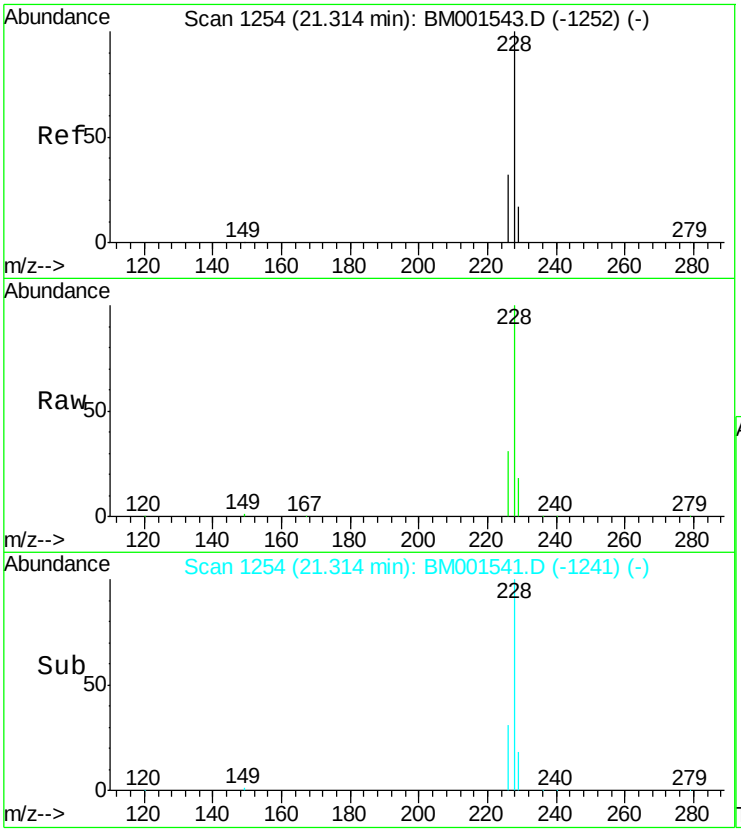


#28
Benzo(a)anthracene
Concen: 4.93 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:228 Resp: 102410

Ion	Ratio	Lower	Upper
228	100		
226	24.6	19.0	28.4
229	20.7	16.9	25.3



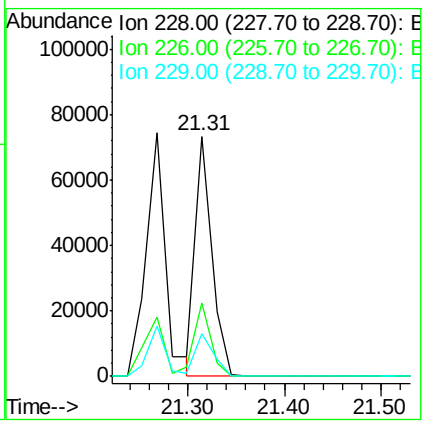


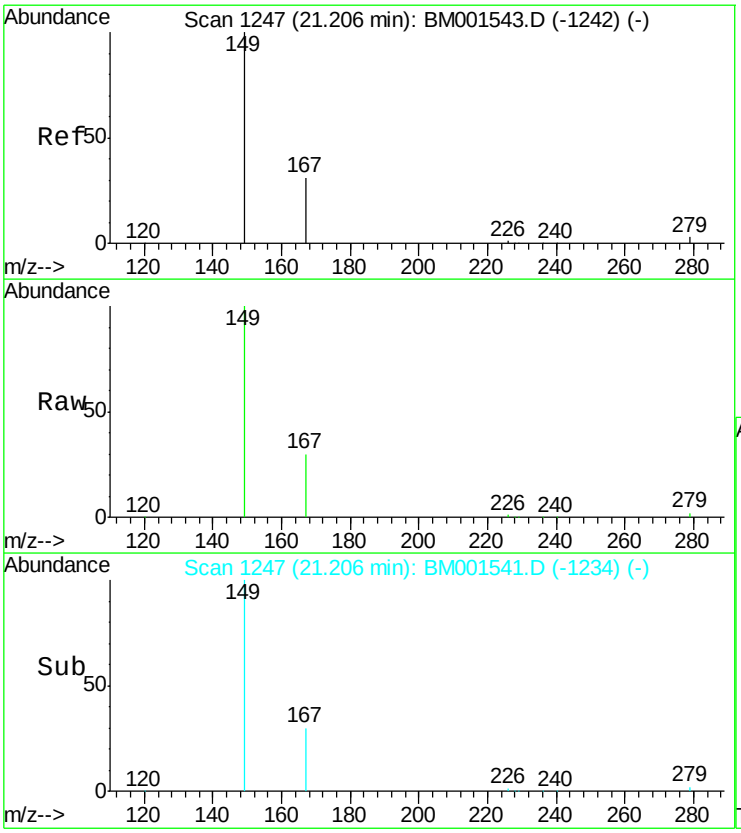
#29
Chrysene
Concen: 4.43 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 86788

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	17.8	14.7	22.1

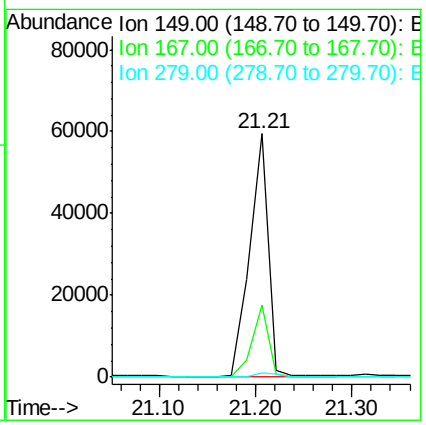


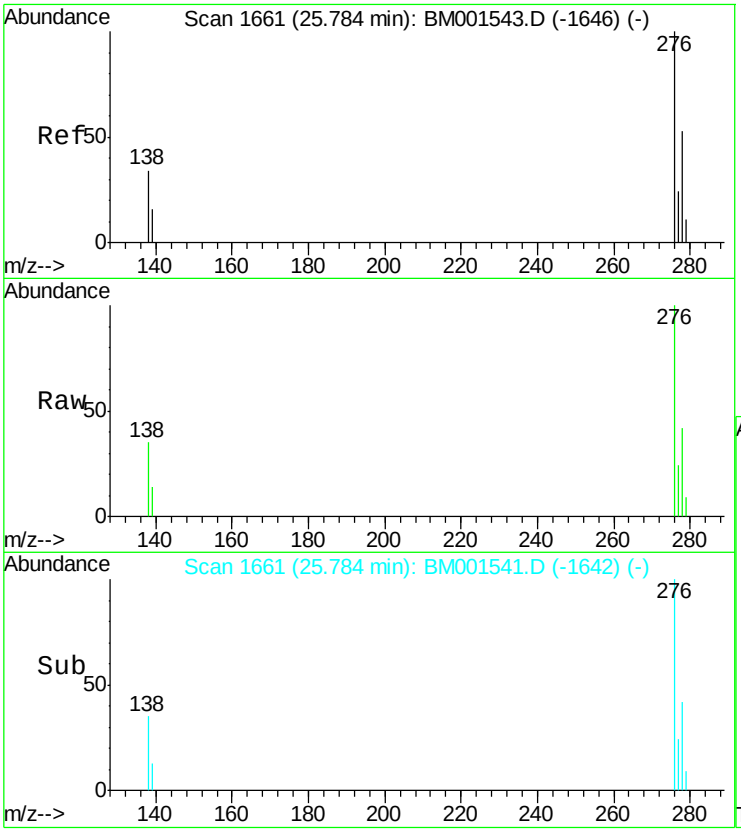


#30
Bis(2-ethylhexyl)phthalate
Concen: 5.33 ng
RT: 21.21 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:149 Resp: 79152

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.5	30.7
279	2.0	1.7	2.5



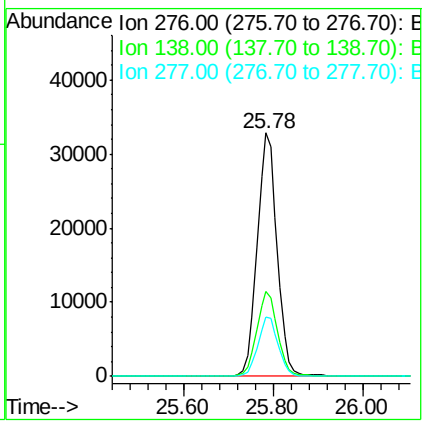


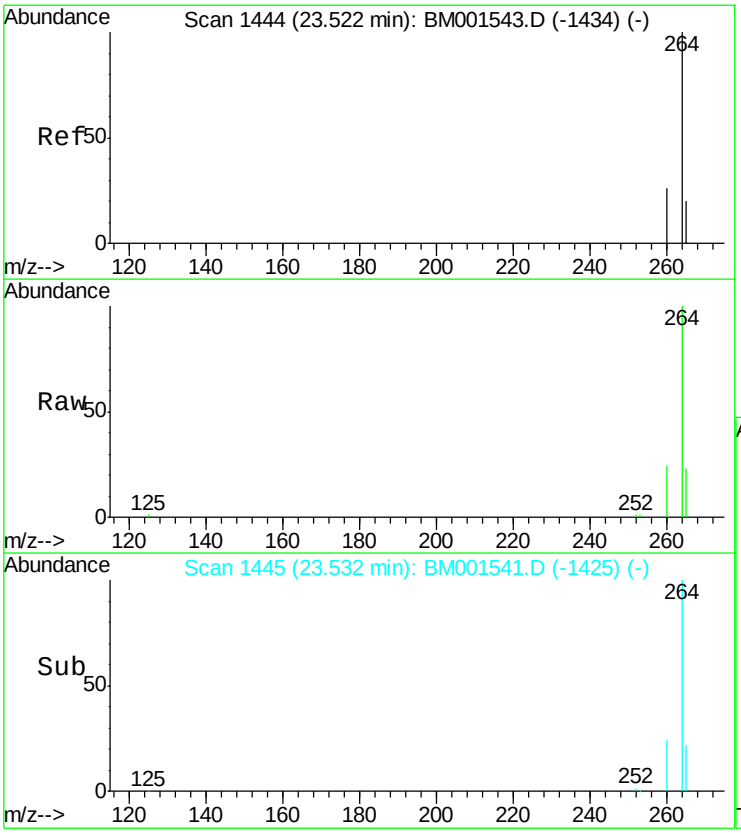
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 25.78 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 101115

Ion	Ratio	Lower	Upper
276	100		
138	35.8	28.3	42.5
277	24.6	19.6	29.4

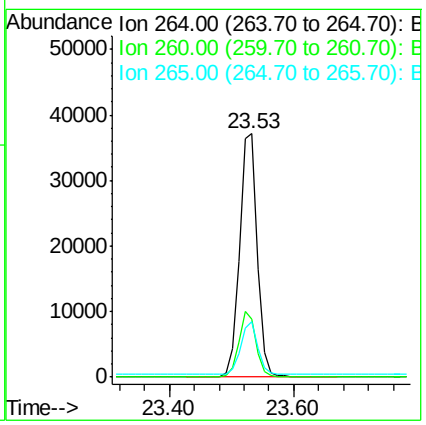


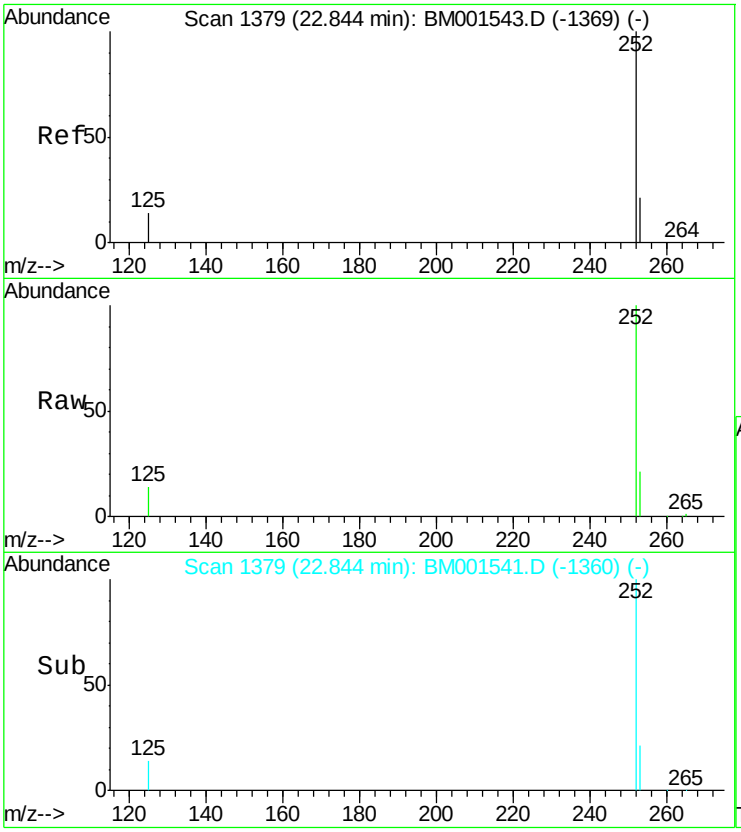


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:264 Resp: 73442

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.1	31.7
265	23.0	17.1	25.7



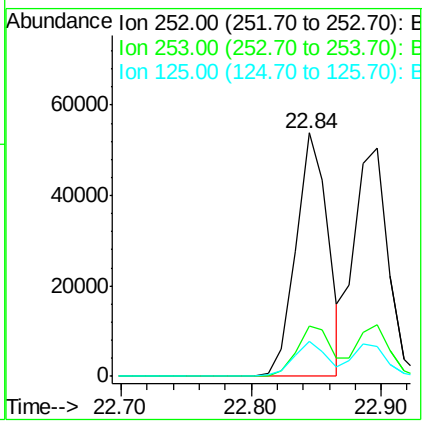


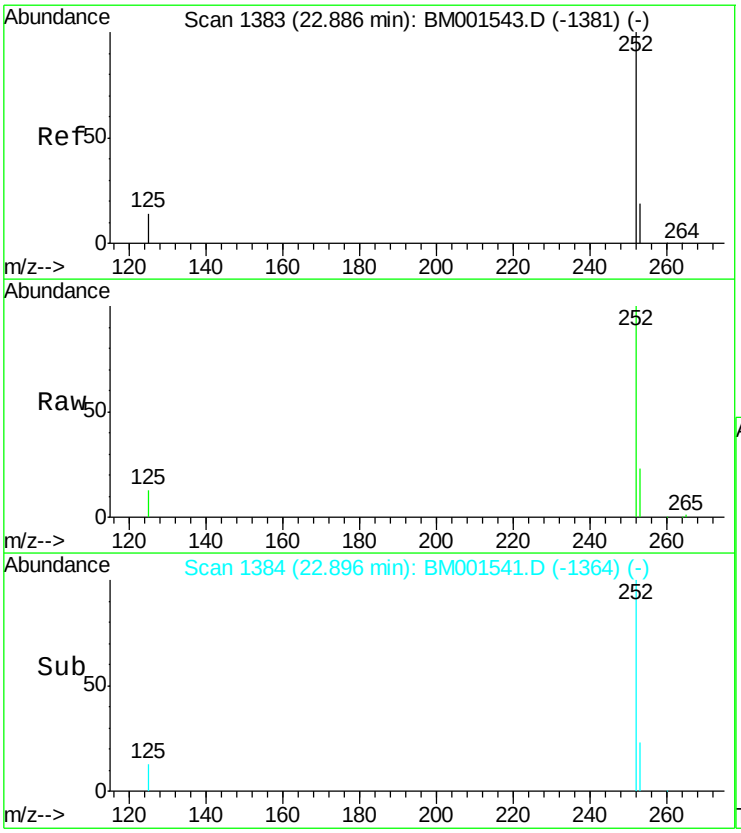
#33
Benzo(b)fluoranthene
Concen: 4.42 ng
RT: 22.84 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 91771

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	14.4	12.5	18.7

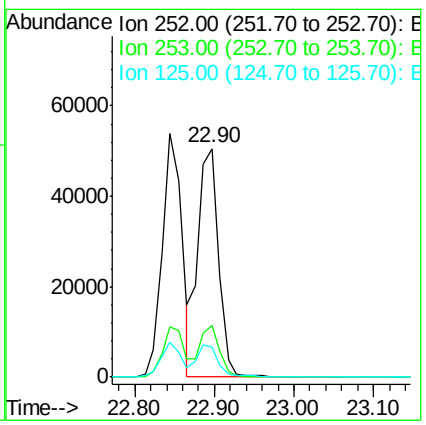


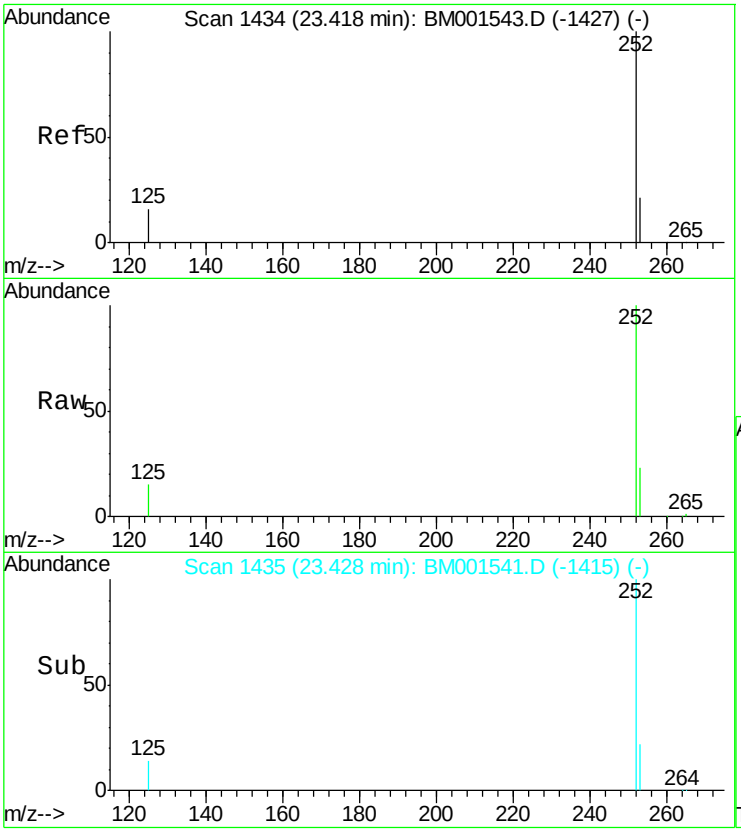


#34
Benzo(k)fluoranthene
Concen: 4.88 ng
RT: 22.90 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:252 Resp: 90332

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.1	12.5	18.7



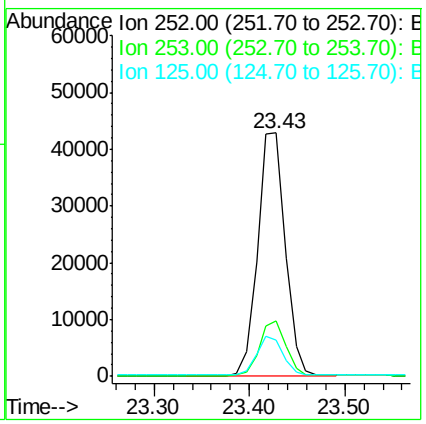


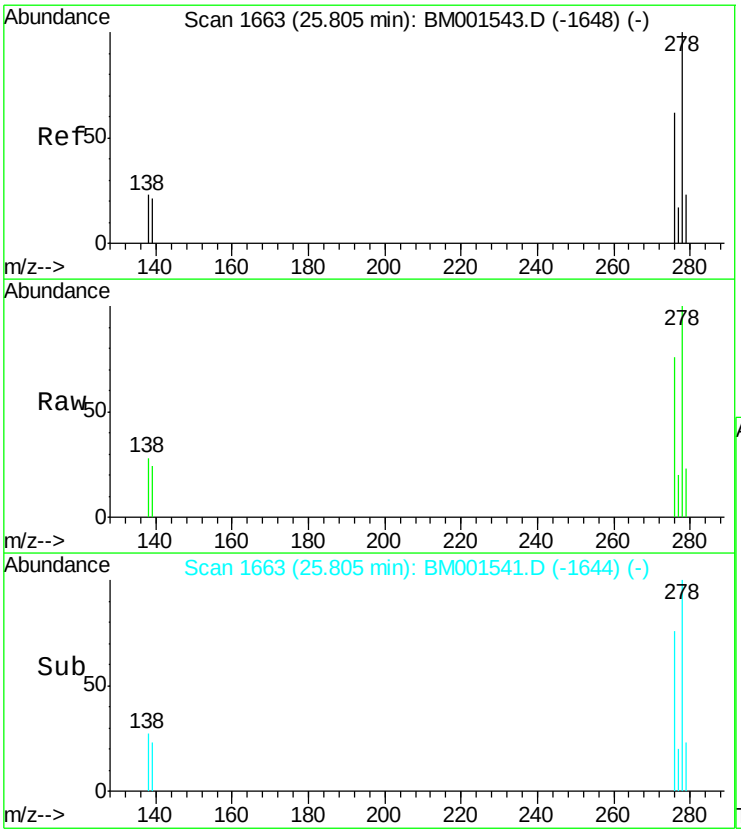
#35
Benzo(a)pyrene
Concen: 4.78 ng
RT: 23.43 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 85778

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	14.7	14.3	21.5

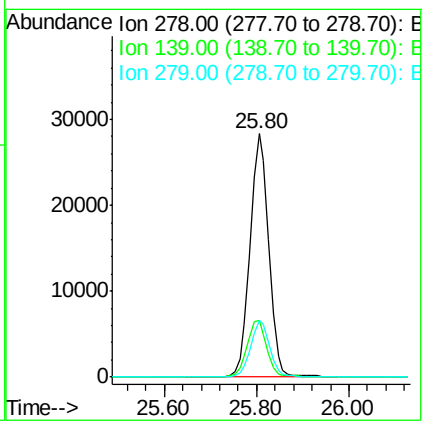


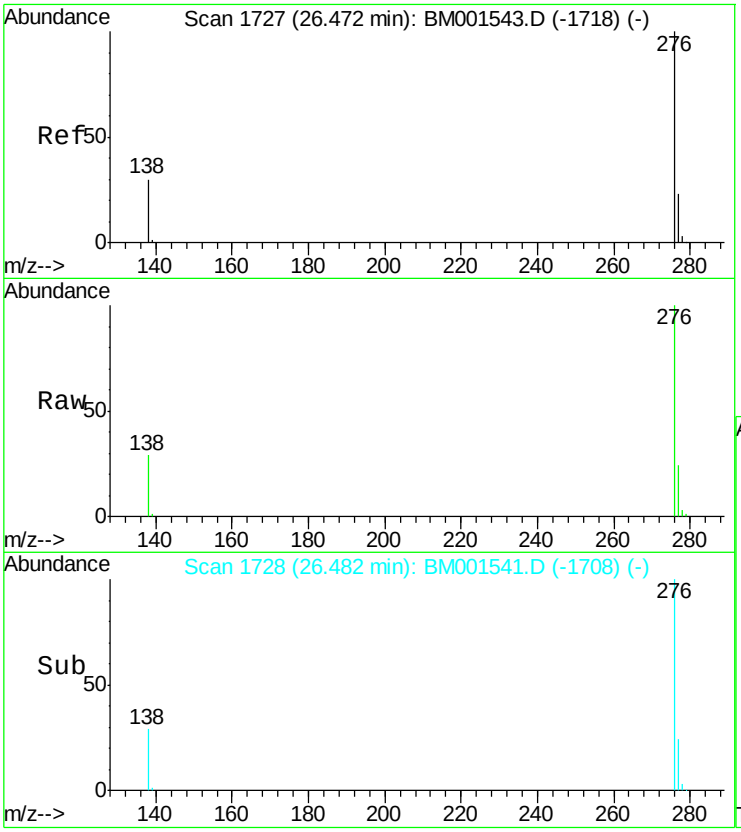


#36
Dibenzo(a,h)anthracene
Concen: 4.48 ng
RT: 25.80 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Tgt Ion:278 Resp: 79369

Ion	Ratio	Lower	Upper
278	100		
139	23.5	18.0	27.0
279	23.2	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 26.48 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BM001541.D
Acq: 03 Jun 2015 19:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 82211

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	29.4	25.0	37.6