Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002869.D
Acq On : 08 Oct 2015 18:32
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Oct 09 00:57:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	51146	5.00	ng		0.00
7) Naphthalene-d8	11.51	136	211242	5.00	ng		-0.01
13) Acenaphthene-d10	15.25	164	114840	5.00	ng		0.00
19) Phenanthrene-d10	17.97	188	226044	5.00	ng		0.02
26) Chrysene-d12	22.05	240	283528	5.00	ng		0.00
35) Perylene-d12	24.63	264	277047	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.16	112	7496	0.70	ng		0.02
5) Phenol-d6	7.82	99	10010	0.75	ng		0.02
8) Nitrobenzene-d5	9.88	82	8104	0.71	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	2676	0.72	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	26910	0.85	ng		0.00
29) Terphenyl-d14	20.49	244	29695	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	3661	0.42	ng		99
3) n-Nitrosodimethylamine	4.17	42	3091	0.36	ng		98
6) bis(2-Chloroethyl)ether	8.06	93	9454	0.62	ng		99
9) Nitrobenzene	9.93	77	8386	0.69	ng		99
10) Naphthalene	11.56	128	35818	0.78	ng		96
11) Hexachlorobutadiene	11.82	225	5685	0.76	ng		99
12) 2-Methylnaphthalene	13.13	142	23847	0.87	ng		94
16) Acenaphthylene	14.98	152	37353	0.21	ng		100
17) Acenaphthene	15.32	154	23791	0.77	ng	#	100
18) Fluorene	16.29	166	29647	0.78	ng		100
20) 4-Bromophenyl-phenylether	17.13	248	7858	0.88	ng	#	35
21) Hexachlorobenzene	17.28	284	11009	0.27	ng	#	95
22) Pentachlorophenol	17.66	266	569	0.19	ng		94
23) Phenanthrene	18.00	178	50862	0.87	ng		98
24) Anthracene	18.10	178	47233	0.91	ng		99
25) Fluoranthene	19.98	202	55304	0.79	ng		100
27) Benzidine	20.13	184	26405	2.61	ng		96
28) Pyrene	20.34	202	58431	0.78	ng		100
30) Benzo(a)anthracene	22.03	228	68794	1.00	ng		94
31) 3,3'-Dichlorobenzidine	21.95	252	22834	1.62	ng	#	90
32) Chrysene	22.09	228	53810	0.63	ng		96
33) Bis(2-ethylhexyl)phthalate	21.87	149	41066	1.29	ng	#	87
34) Indeno(1,2,3-cd)pyrene	27.35	276	66779	0.92	ng		100
36) Benzo(b)fluoranthene	23.84	252	58643	0.91	ng		99
37) Benzo(k)fluoranthene	23.89	252	61407	0.74	ng		99
38) Benzo(a)pyrene	24.52	252	55507	0.94	ng		98
39) Dibenzo(a,h)anthracene	27.34	278	53370	0.91	ng		99
40) Benzo(g,h,i)perylene	28.20	276	55269	0.88	ng		98

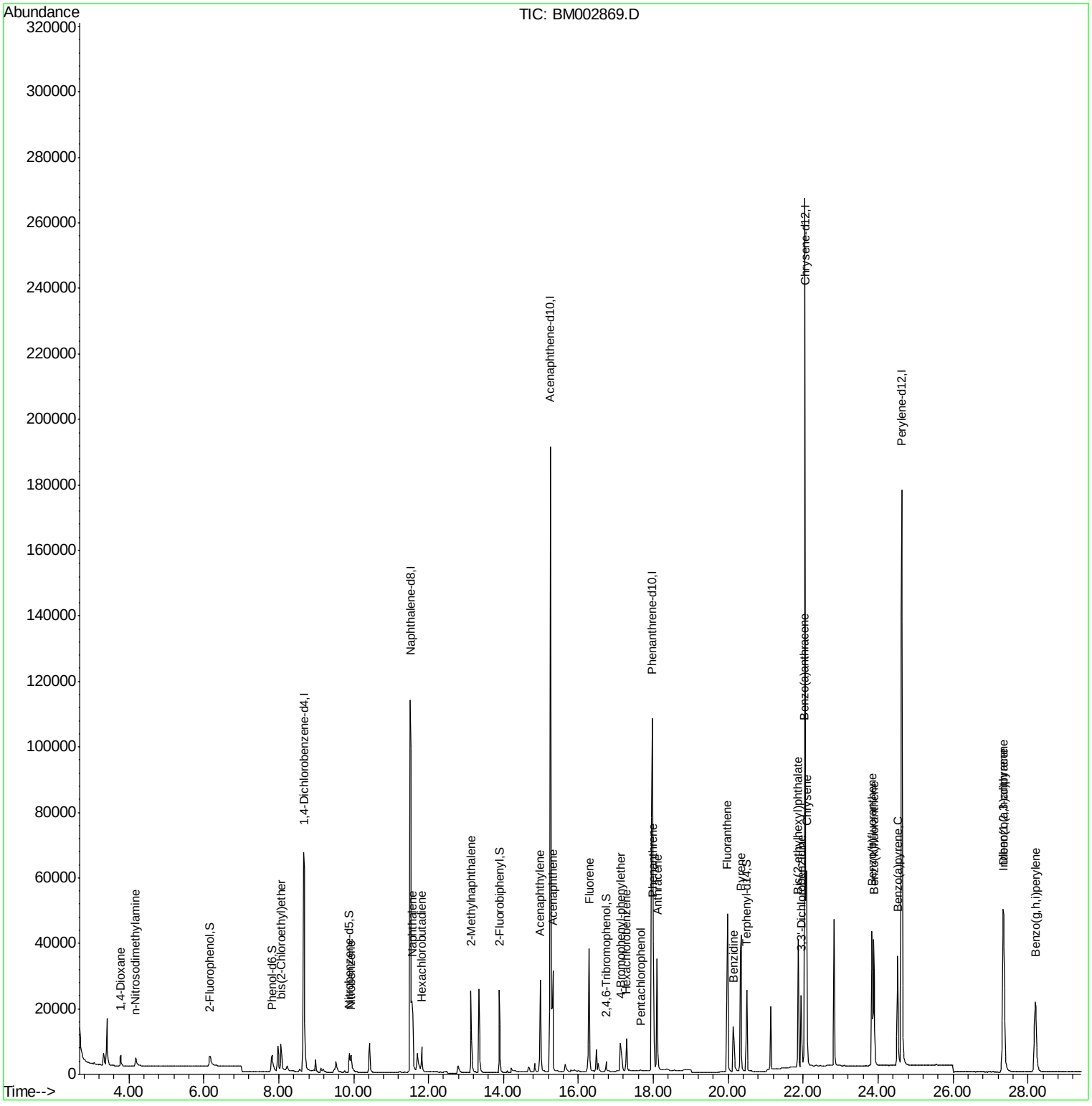
(#) = qualifier out of range (m) = manual integration (+) = signals summed

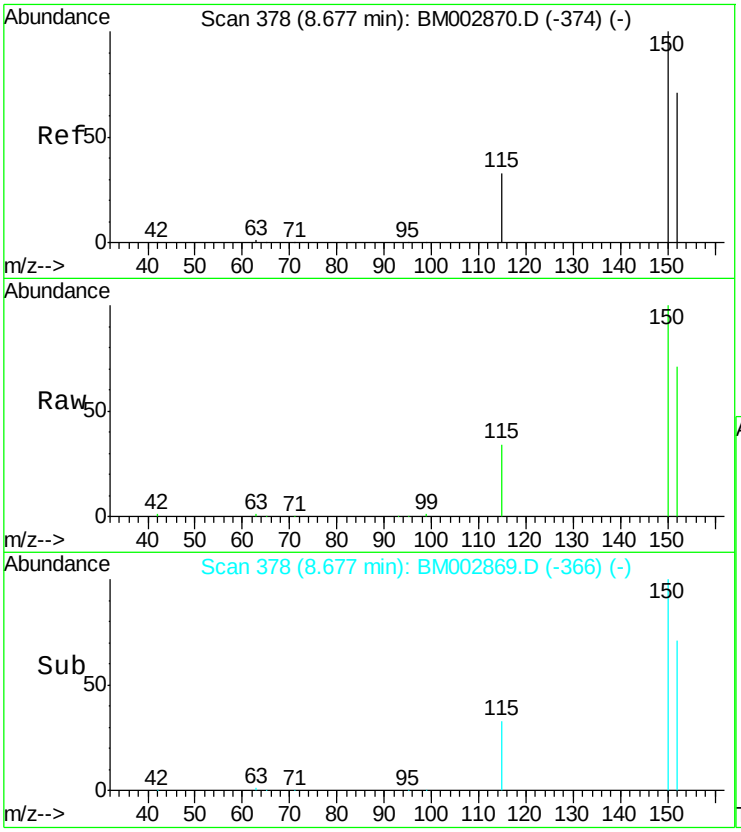
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002869.D
Acq On : 08 Oct 2015 18:32
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 09 00:57:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 00:55:43 2015
Response via : Initial Calibration



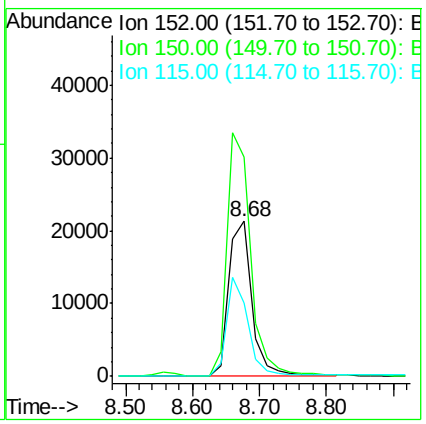


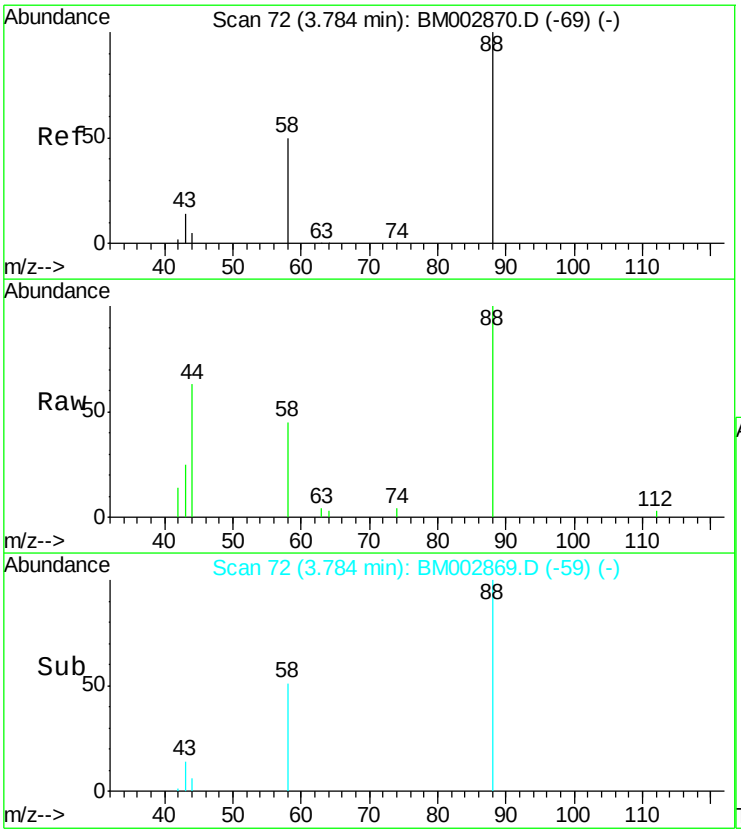
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.68 min Scan# 378
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 51146

Ion	Ratio	Lower	Upper
152	100		
150	141.6	113.0	169.6
115	47.5	37.9	56.9

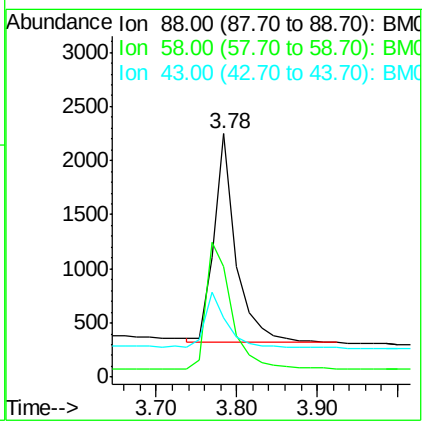


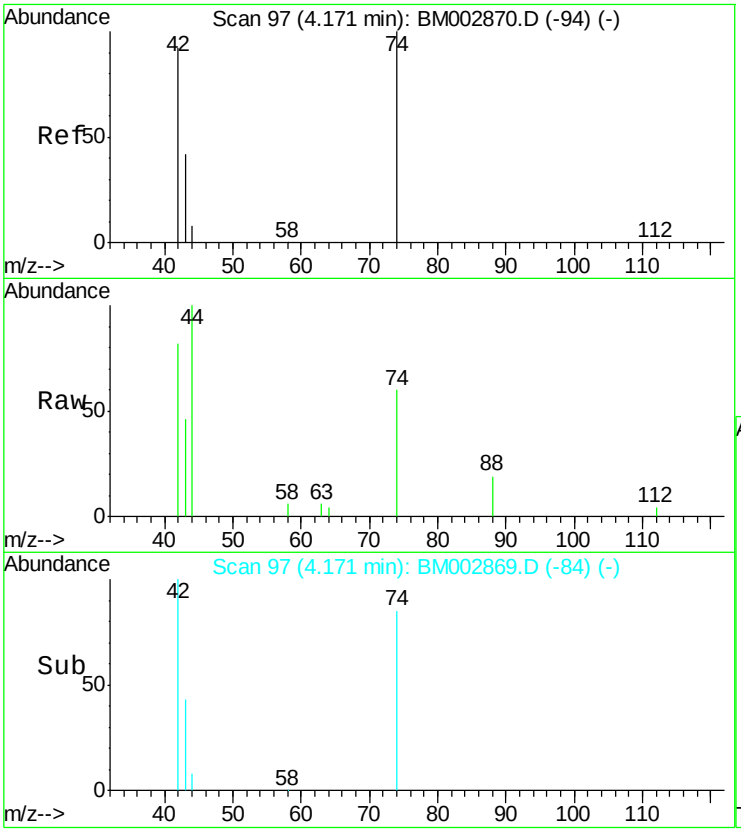


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion: 88 Resp: 3661

Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.7	85.1
43	27.0	22.0	33.0



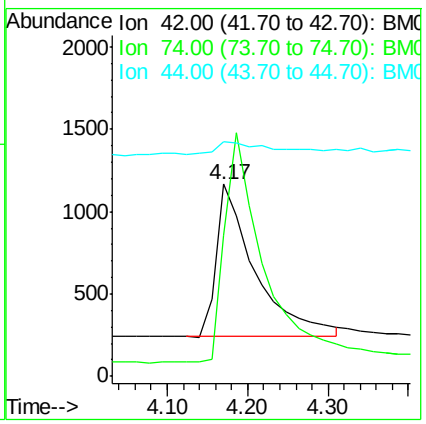


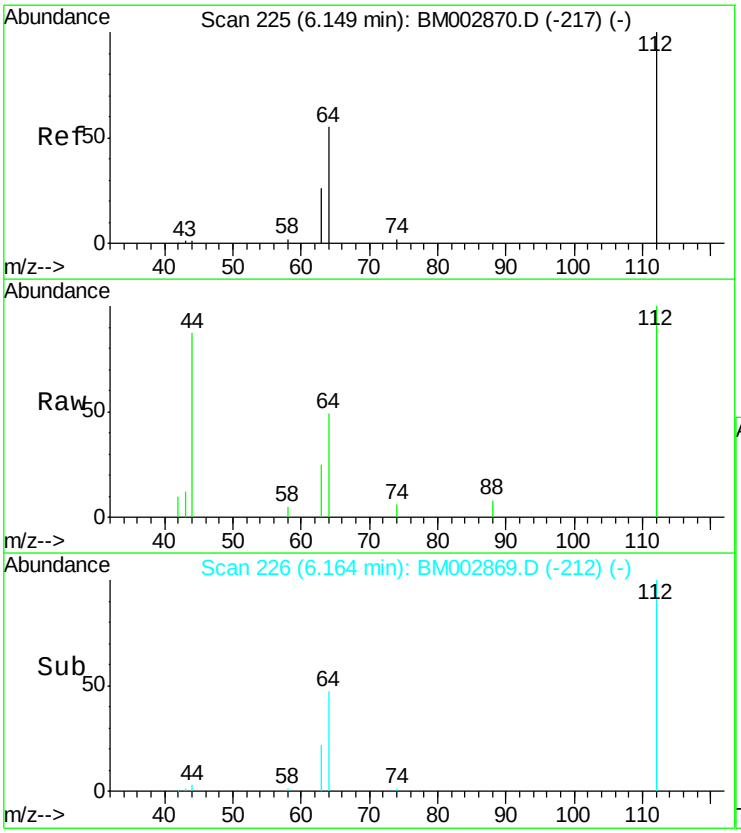
#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 4.17 min Scan# 97
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3091

Ion	Ratio	Lower	Upper
42	100		
74	152.0	119.7	179.5
44	13.0	9.8	14.6

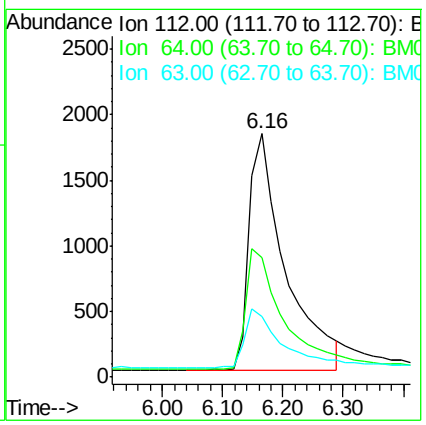


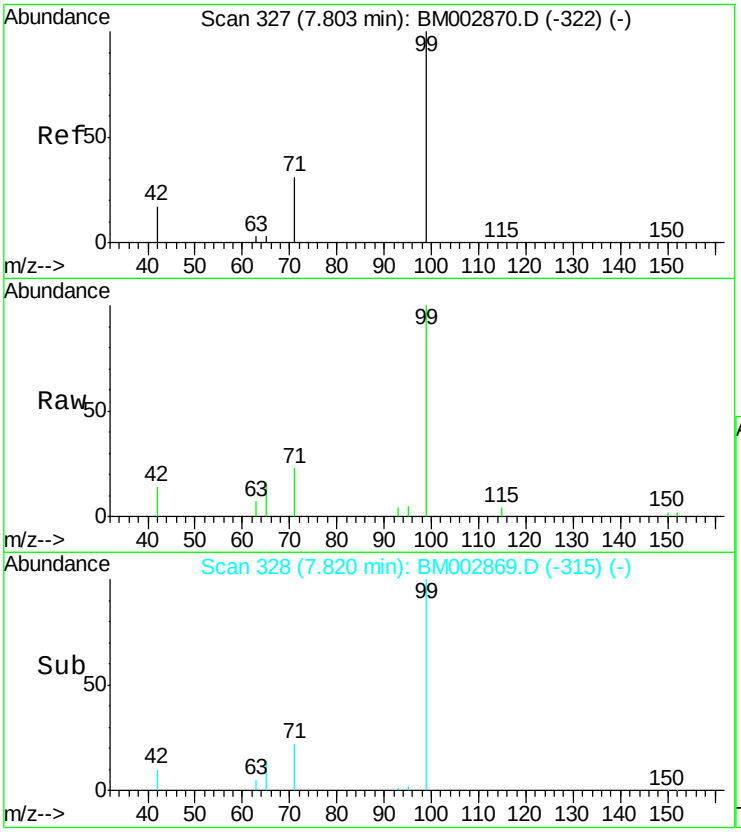


#4
2-Fluorophenol
Concen: 0.70 ng
RT: 6.16 min Scan# 226
Delta R.T. 0.02 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:112 Resp: 7496

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	25.1	20.0	30.0



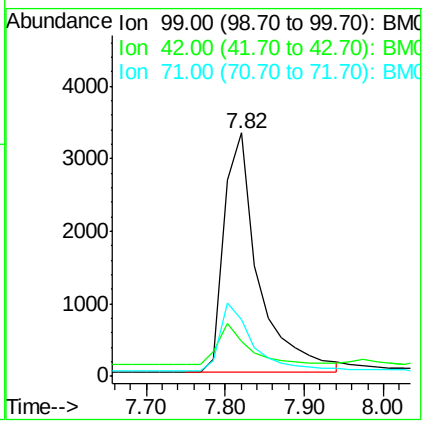


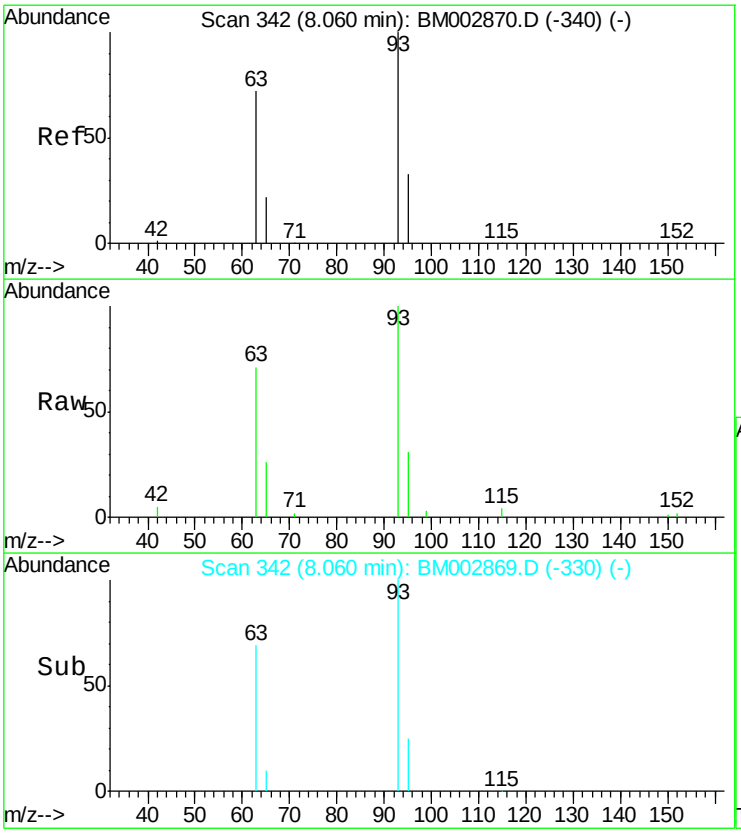
#5
Phenol-d6
Concen: 0.75 ng
RT: 7.82 min Scan# 328
Delta R.T. 0.02 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 10010

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.4	18.6
71	26.9	21.4	32.0

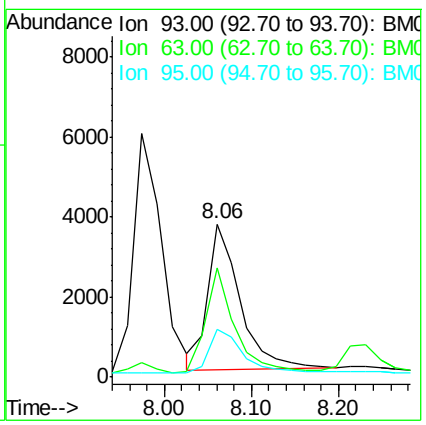


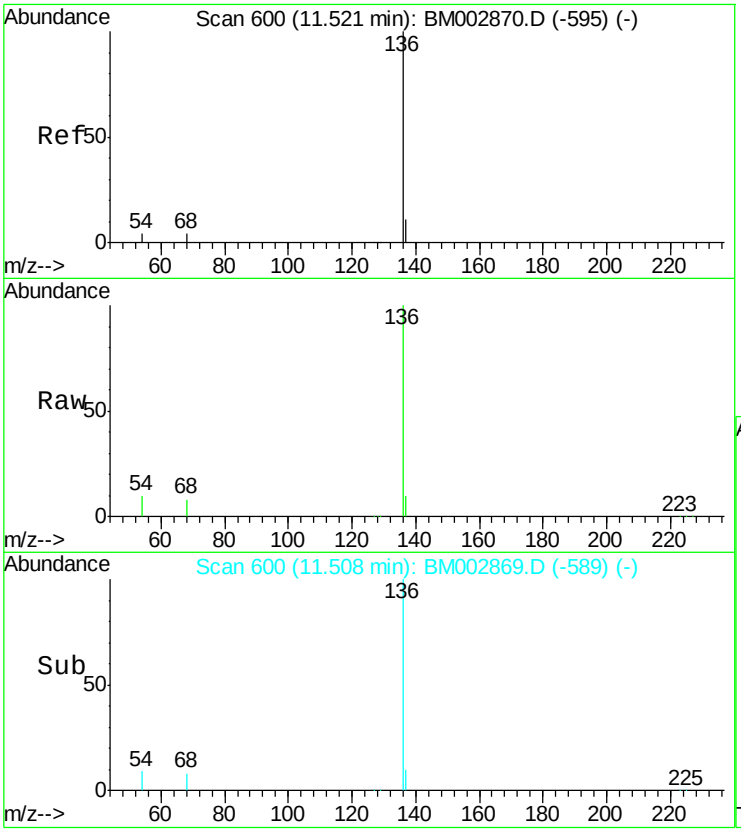


#6
bis(2-Chloroethyl)ether
Concen: 0.62 ng
RT: 8.06 min Scan# 342
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion: 93 Resp: 9454

Ion	Ratio	Lower	Upper
93	100		
63	64.9	52.9	79.3
95	30.8	25.2	37.8



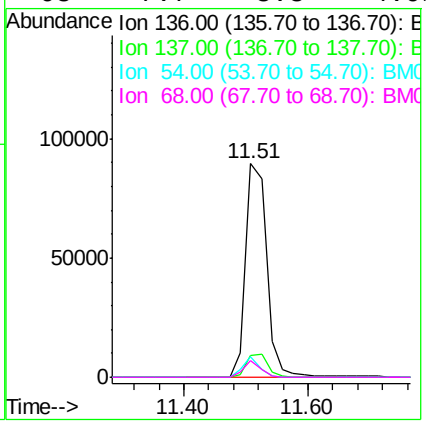


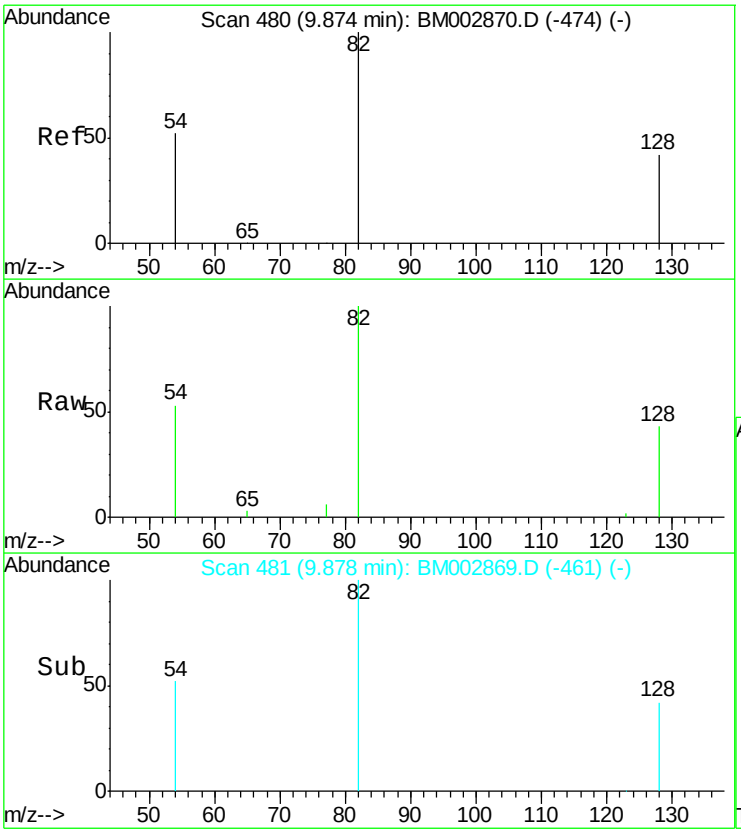
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.51 min Scan# 600
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 211242

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	9.5	3.5	5.3#
68	7.7	3.3	4.9#

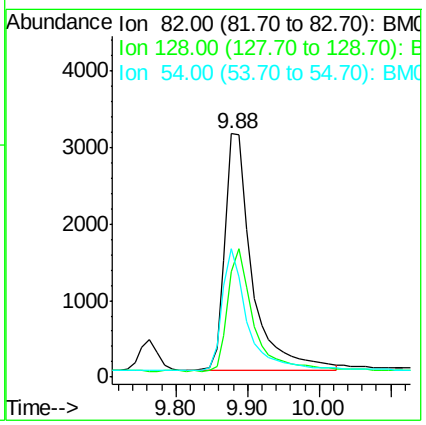


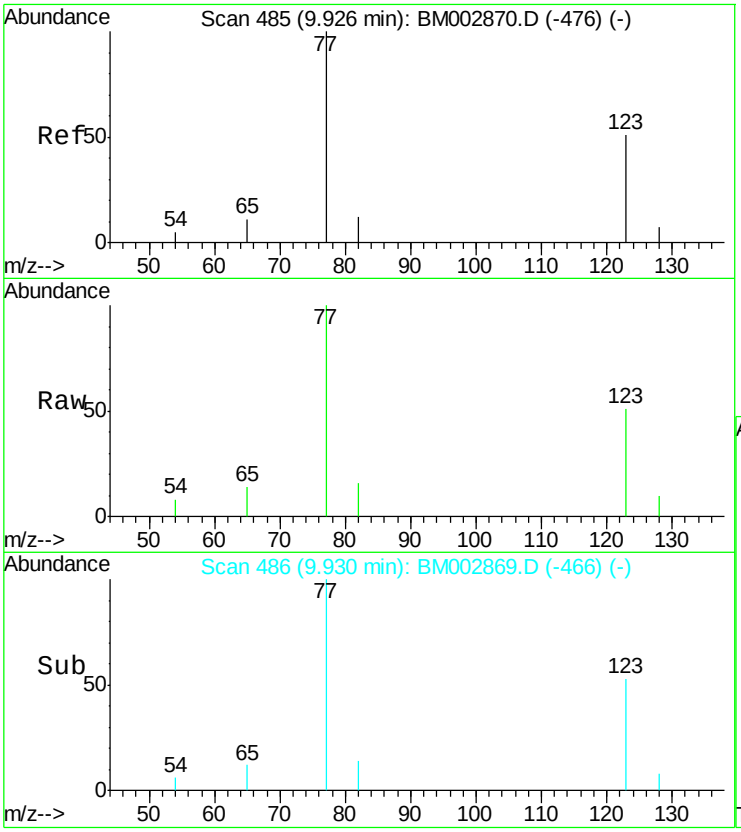


#8
Nitrobenzene-d5
Concen: 0.71 ng
RT: 9.88 min Scan# 481
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion: 82 Resp: 8104

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.1	51.1
54	52.8	42.6	63.8



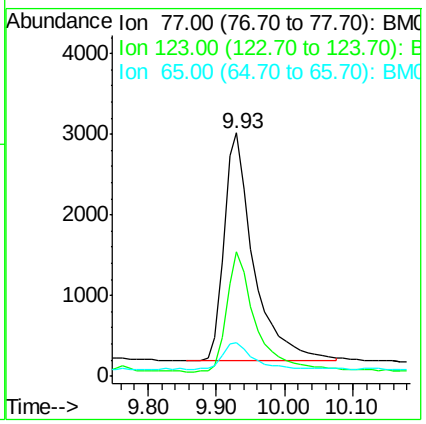


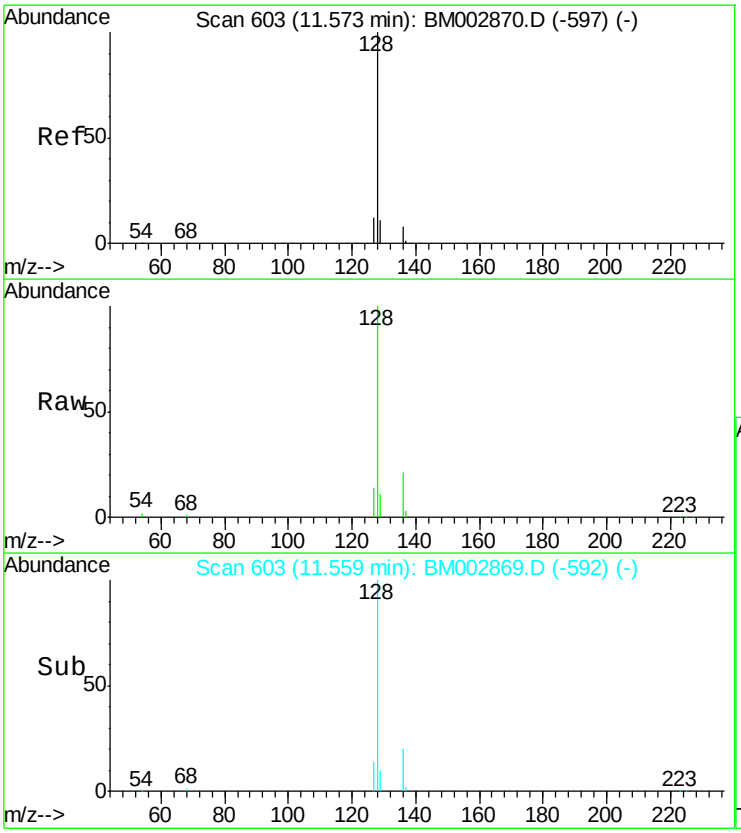
#9
Nitrobenzene
Concen: 0.69 ng
RT: 9.93 min Scan# 486
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 8386

Ion	Ratio	Lower	Upper
77	100		
123	51.7	41.0	61.4
65	12.2	9.7	14.5

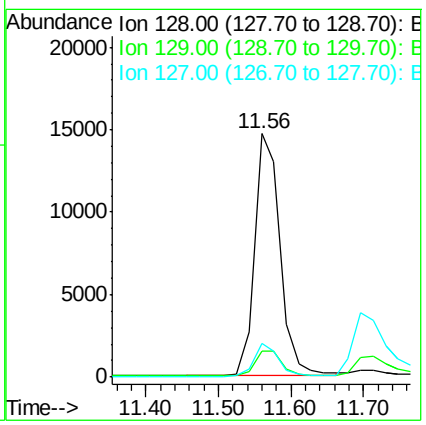


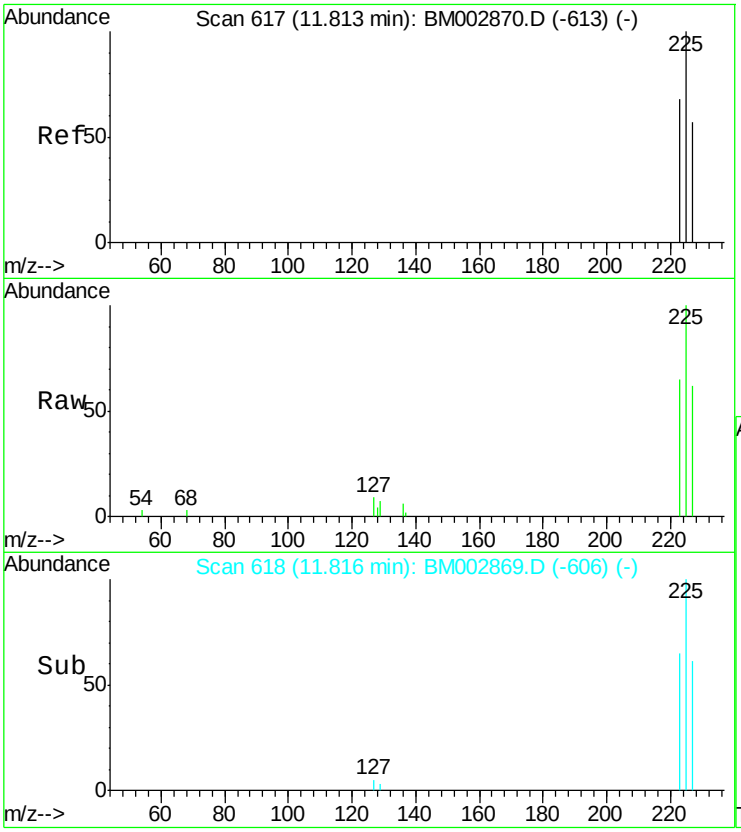


#10
Naphthalene
Concen: 0.78 ng
RT: 11.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:128 Resp: 35818

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.9	9.6	14.4



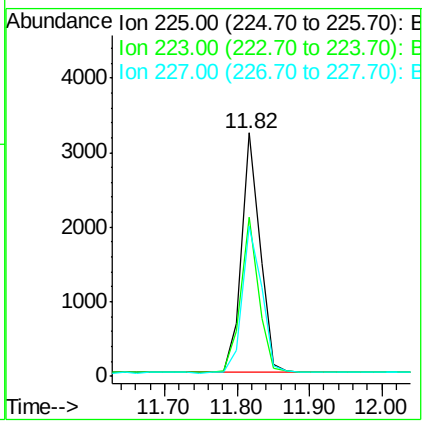


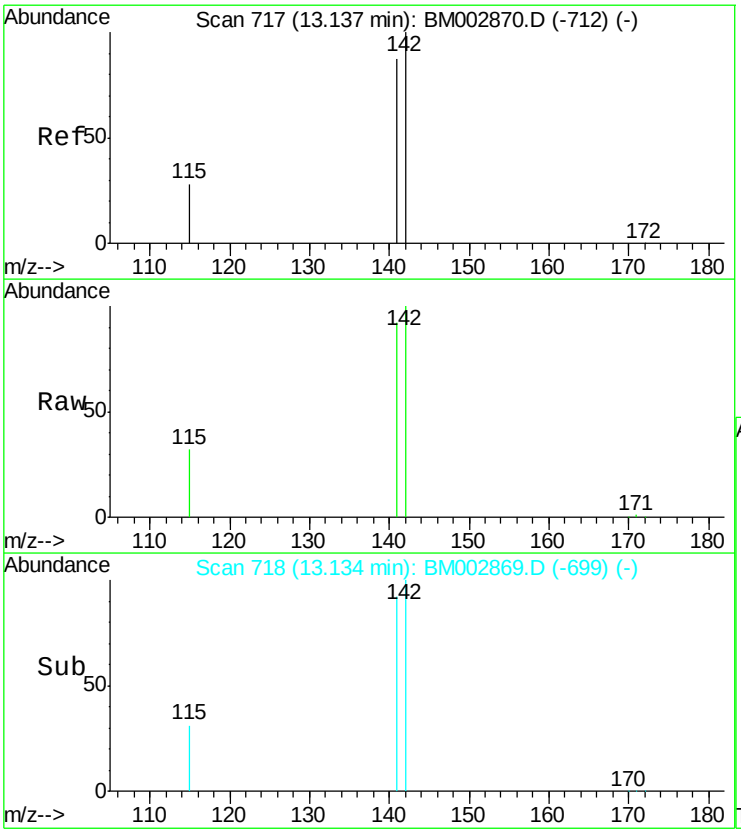
#11
Hexachlorobutadiene
Concen: 0.76 ng
RT: 11.82 min Scan# 618
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 5685

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	64.5	51.2	76.8

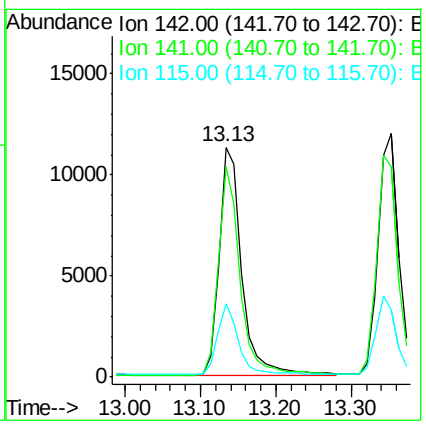


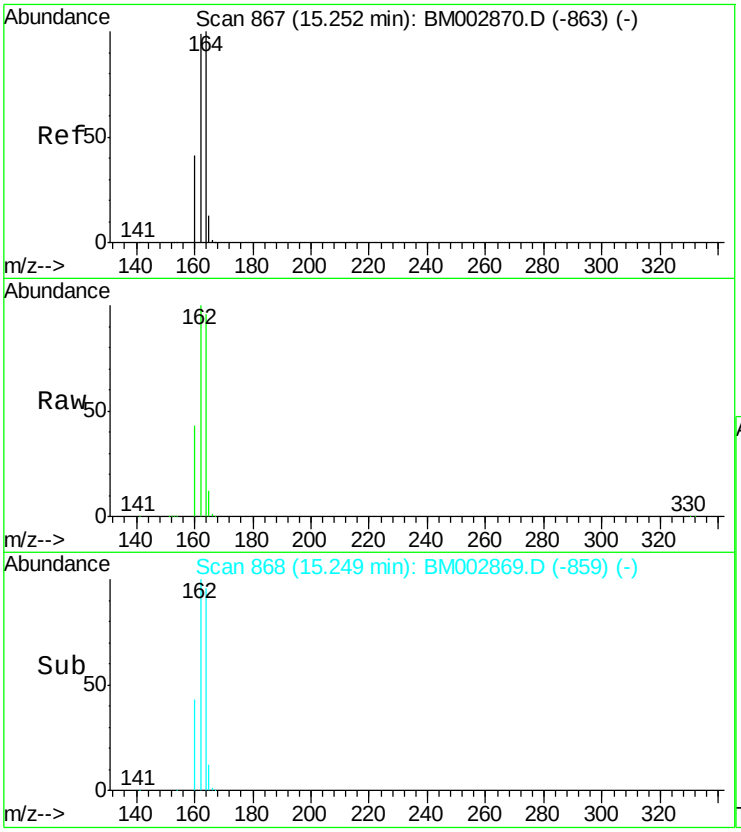


#12
2-Methylnaphthalene
Concen: 0.87 ng
RT: 13.13 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:142 Resp: 23847

Ion	Ratio	Lower	Upper
142	100		
141	91.5	69.4	104.0
115	32.1	22.7	34.1



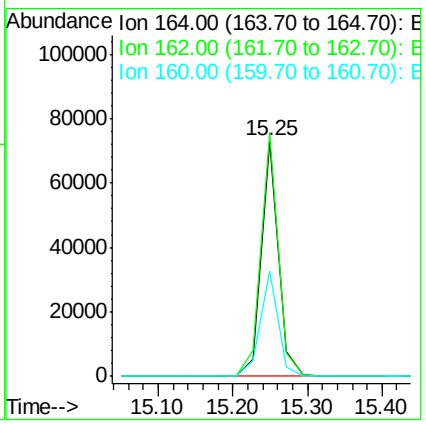


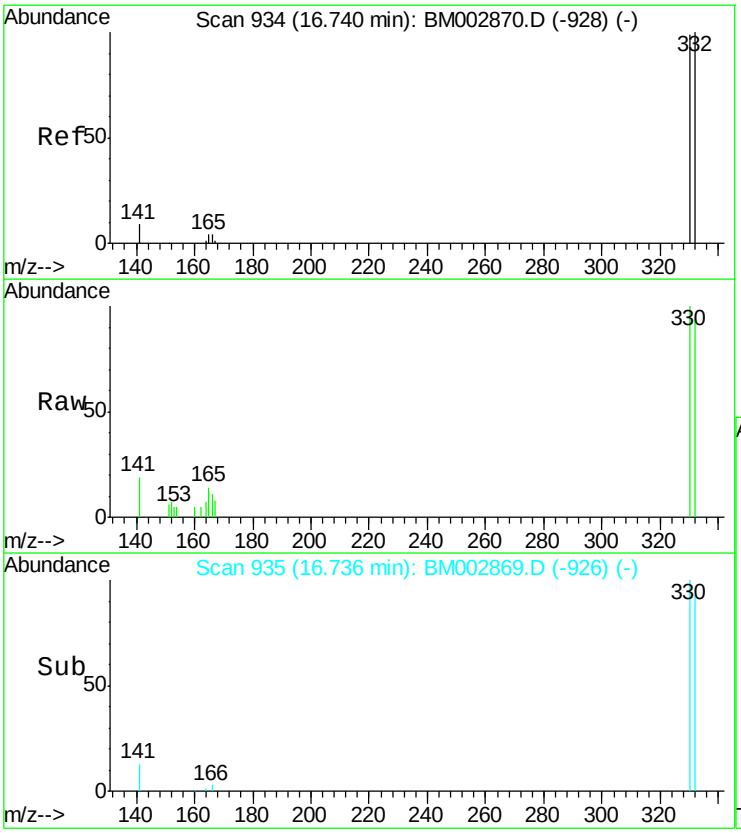
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 114840

Ion	Ratio	Lower	Upper
164	100		
162	103.7	79.6	119.4
160	44.8	33.1	49.7

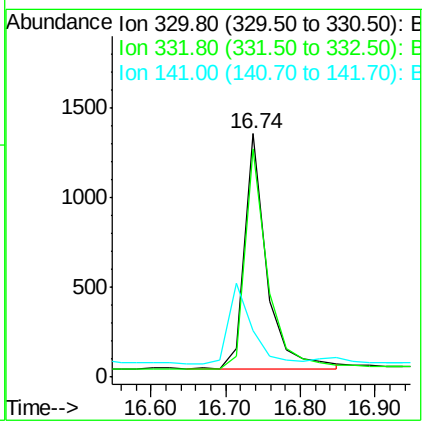


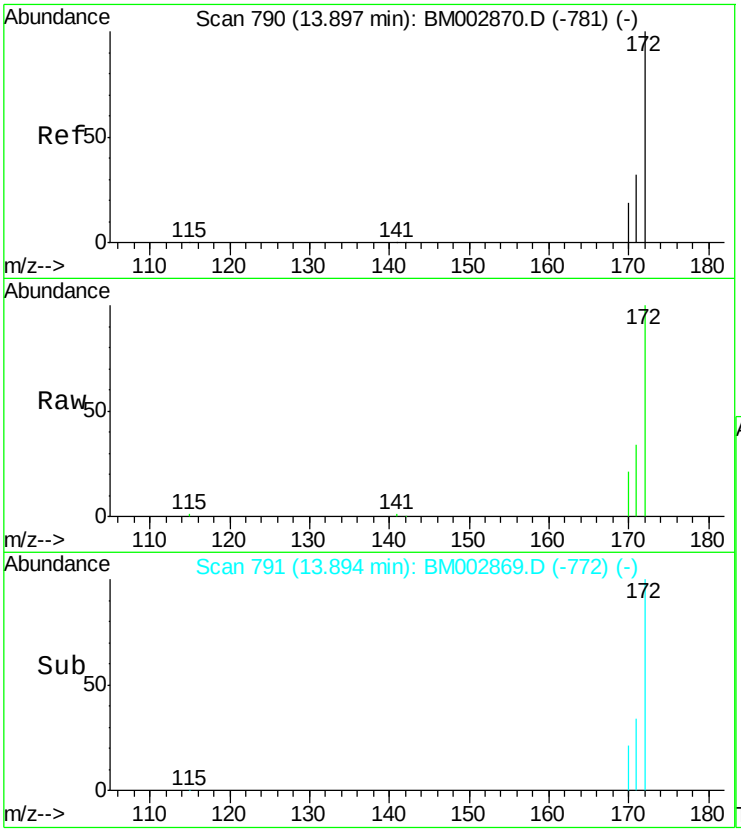


#14
2,4,6-Tribromophenol
Concen: 0.72 ng
RT: 16.74 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:330 Resp: 2676

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	0.0	0.0	0.0



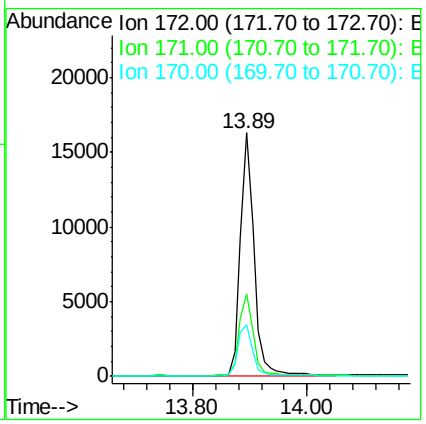


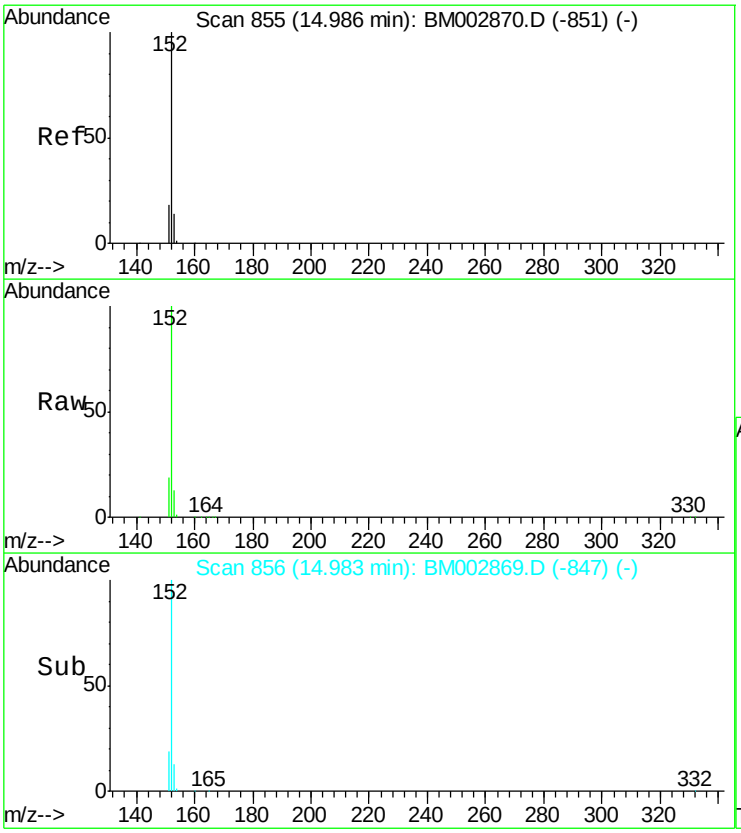
#15
2-Fluorobiphenyl
Concen: 0.85 ng
RT: 13.89 min Scan# 791
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 26910

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.1	39.1
170	21.4	15.7	23.5

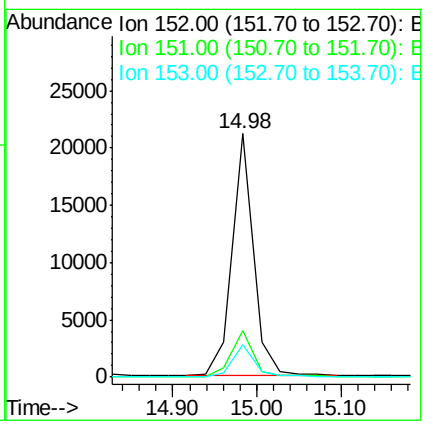


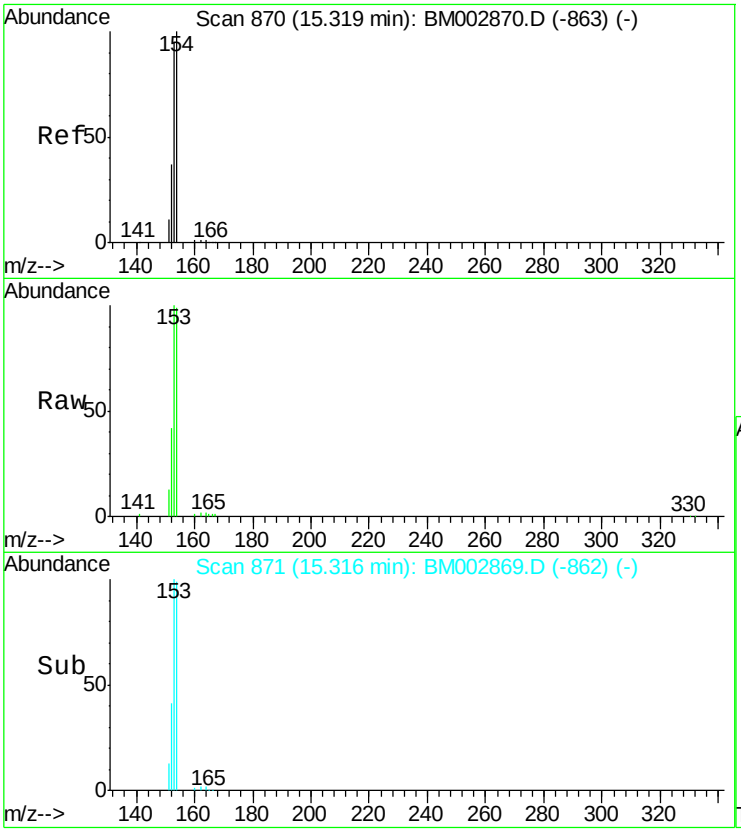


#16
Acenaphthylene
Concen: 0.21 ng
RT: 14.98 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:152 Resp: 37353

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9
153	13.0	10.5	15.7



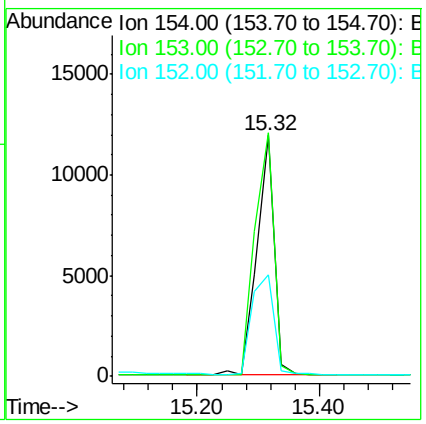


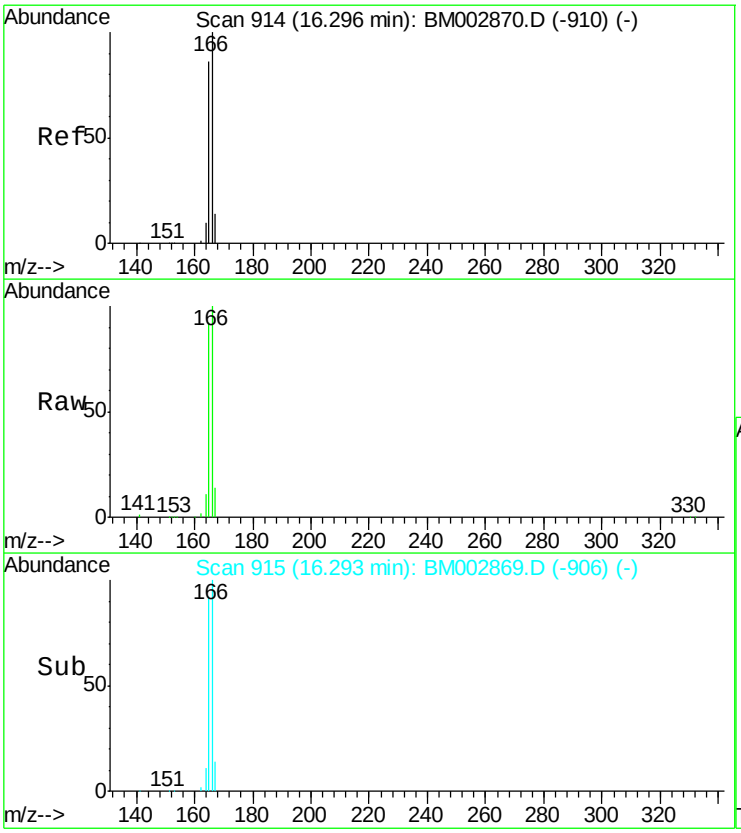
#17
Acenaphthene
Concen: 0.77 ng
RT: 15.32 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 23791

Ion	Ratio	Lower	Upper
154	100		
153	110.8	0.0	0.0#
152	52.3	0.0	0.0#

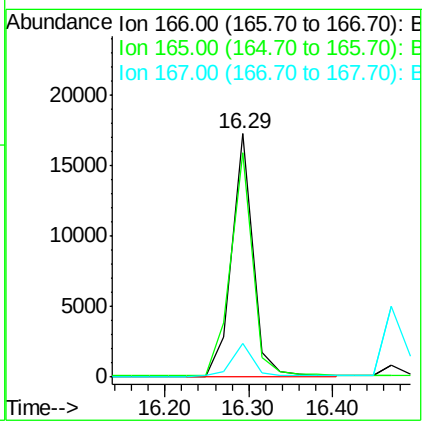


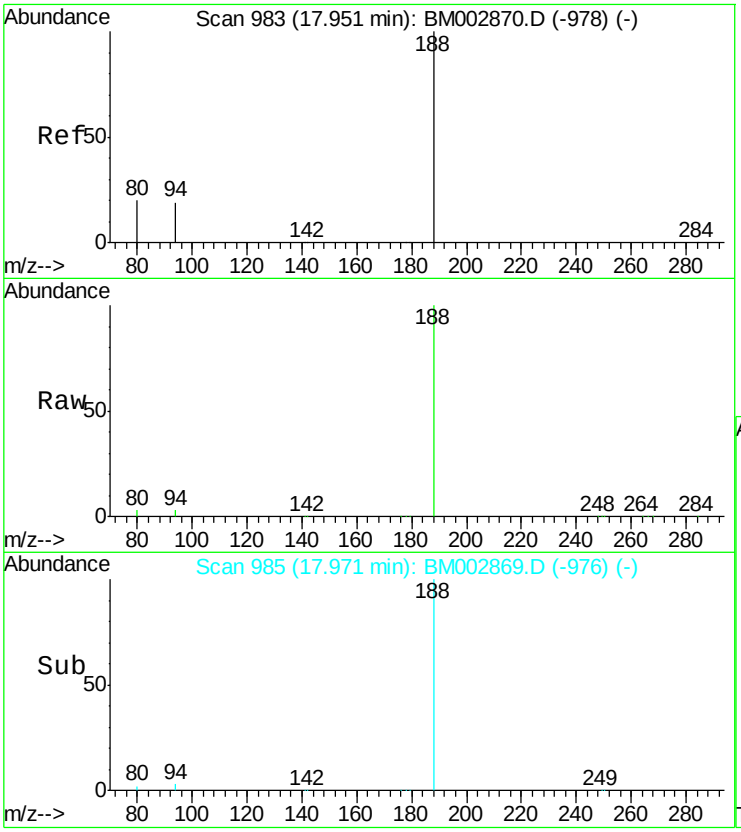


#18
Fluorene
Concen: 0.78 ng
RT: 16.29 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:166 Resp: 29647

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.5	10.9	16.3



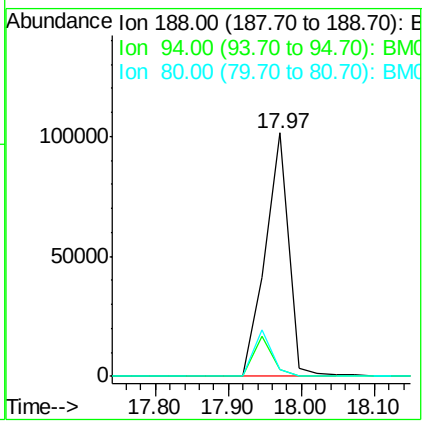


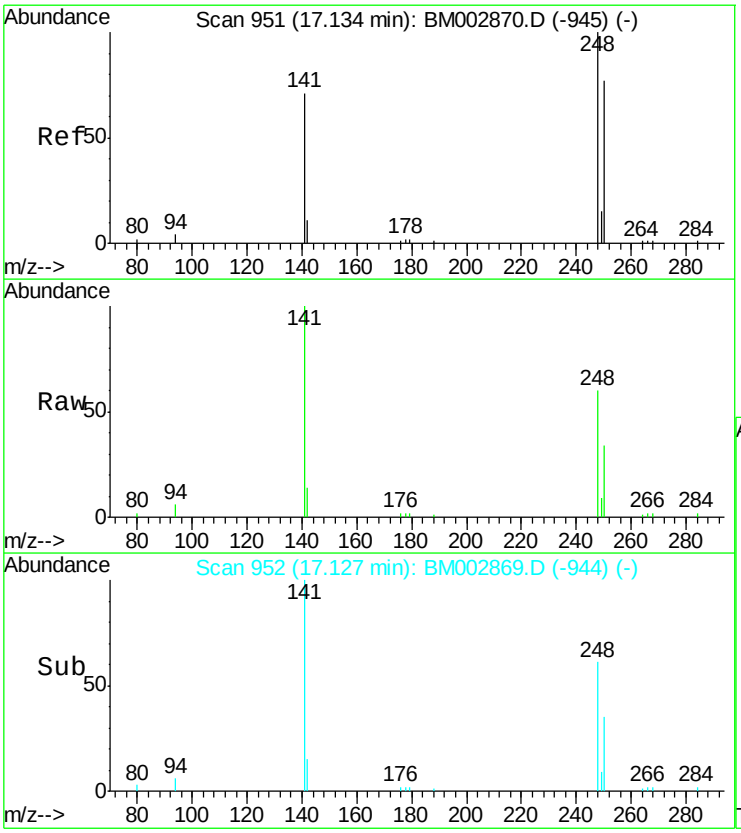
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.97 min Scan# 985
Delta R.T. 0.02 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 226044

Ion	Ratio	Lower	Upper
188	100		
94	3.1	15.2	22.8#
80	2.6	15.9	23.9#

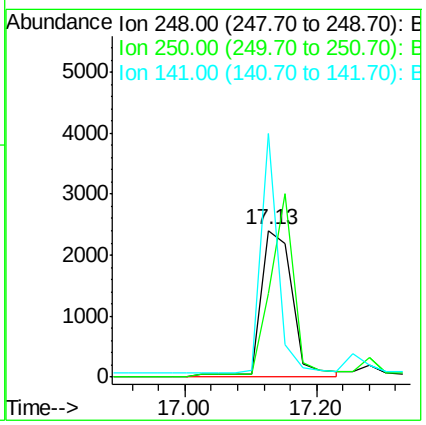


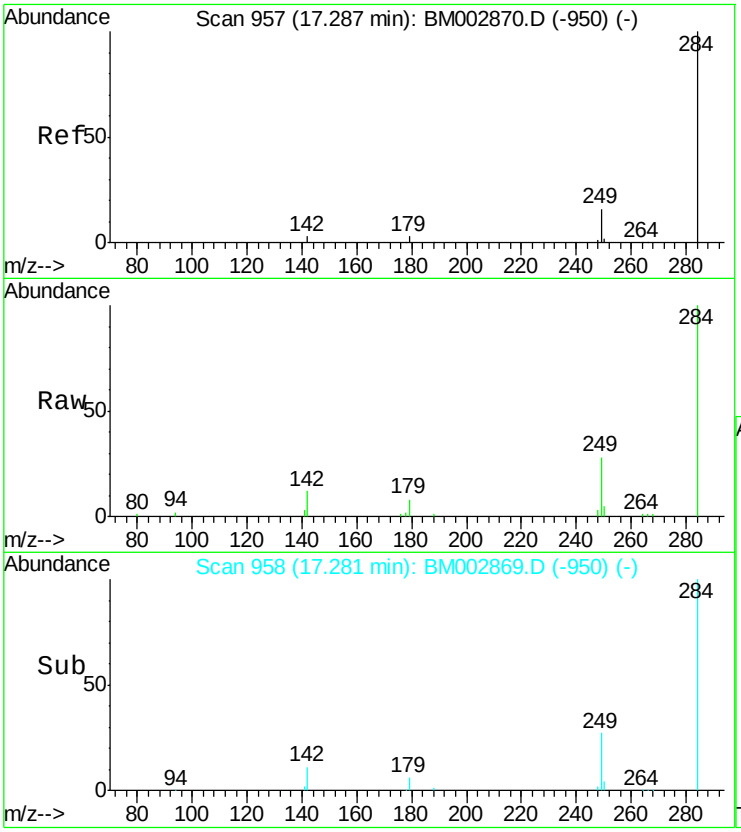


#20
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 17.13 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:248 Resp: 7858

Ion	Ratio	Lower	Upper
248	100		
250	0.0	71.4	107.2#
141	88.8	54.6	82.0#



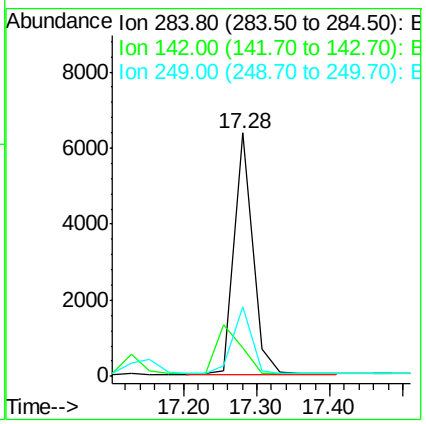


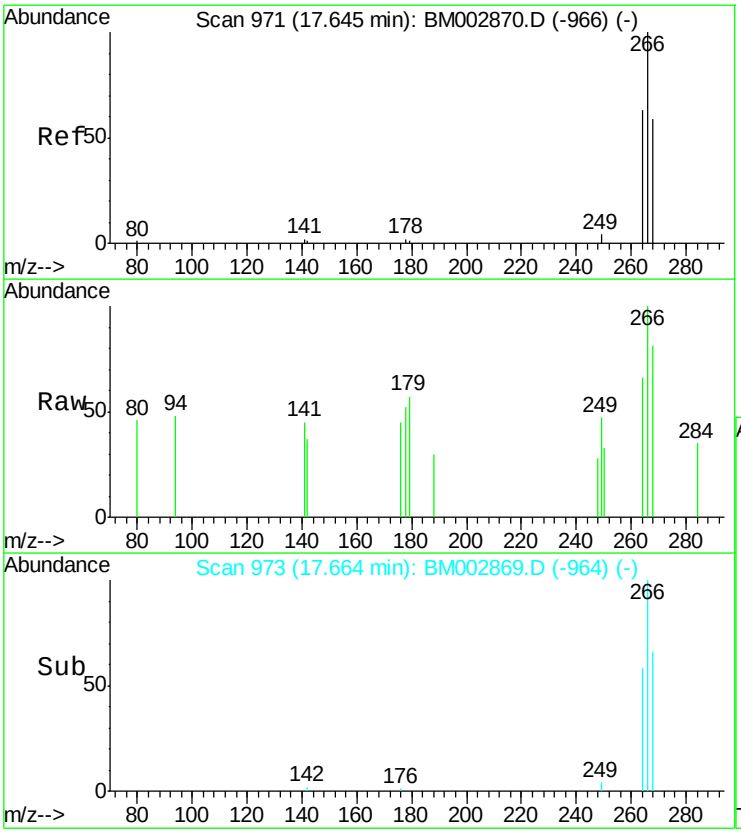
#21
Hexachlorobenzene
Concen: 0.27 ng
RT: 17.28 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 11009

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	28.3	20.7	31.1

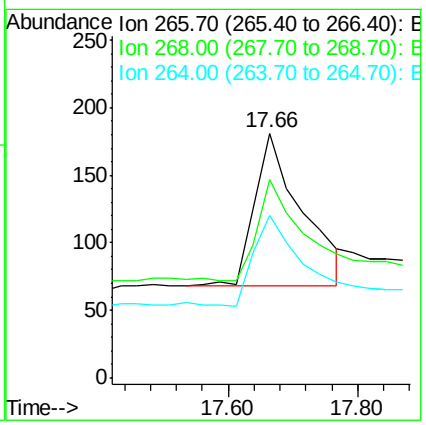


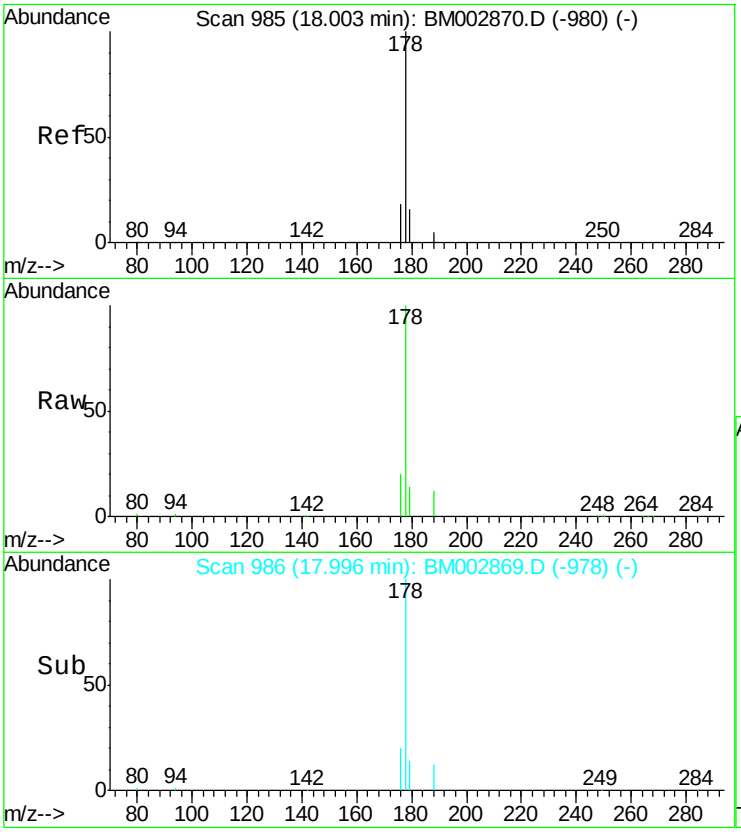


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 17.66 min Scan# 973
Delta R.T. 0.02 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:266 Resp: 569

Ion	Ratio	Lower	Upper
266	100		
268	81.2	58.3	87.5
264	66.3	54.2	81.2



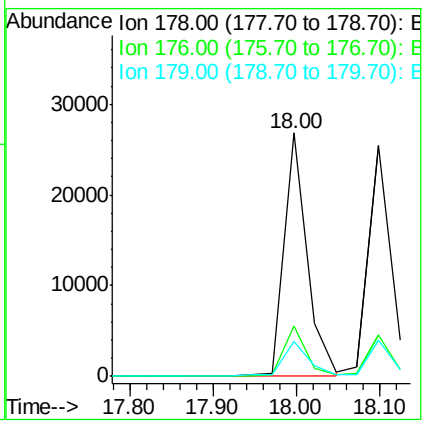


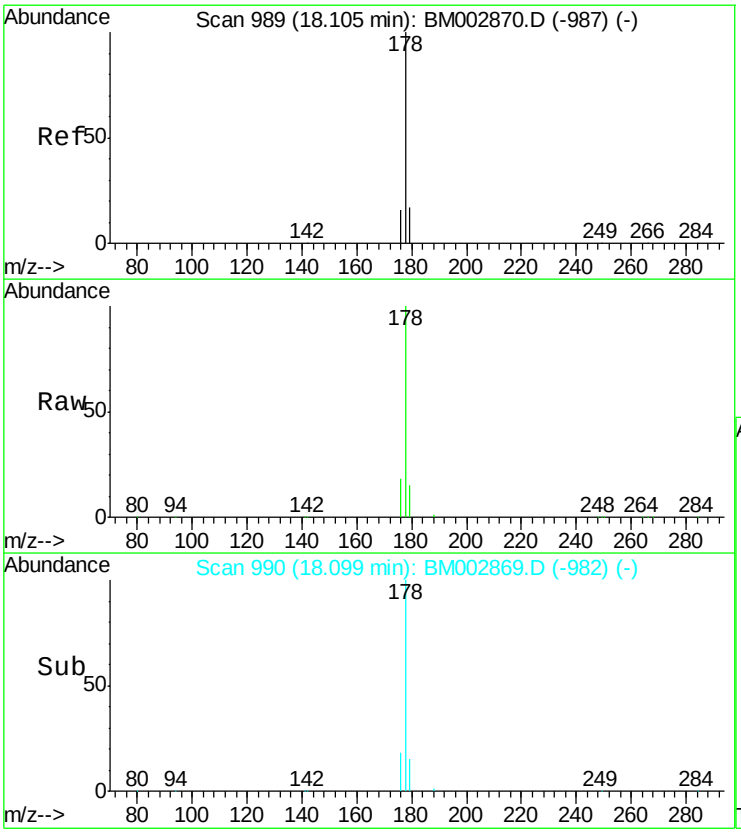
#23
Phenanthrene
Concen: 0.87 ng
RT: 18.00 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 50862

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	15.0	12.5	18.7

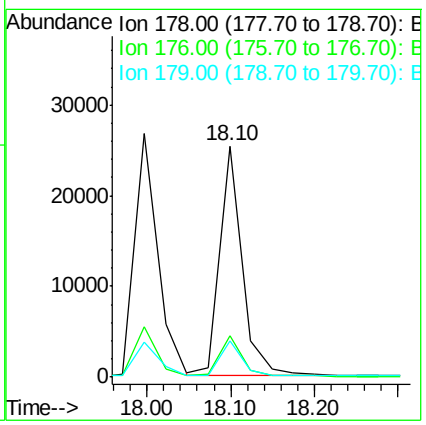


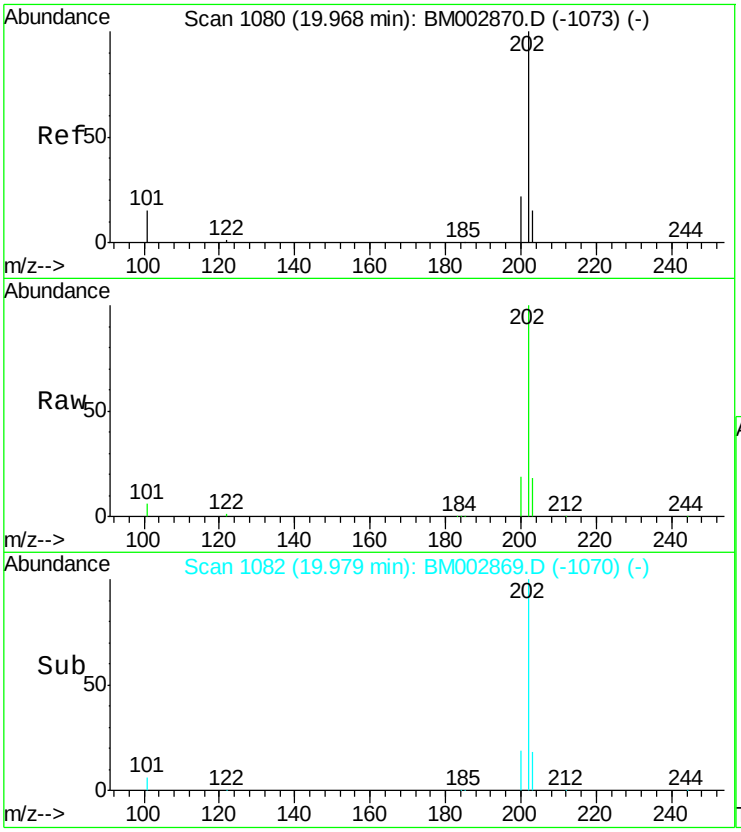


#24
Anthracene
Concen: 0.91 ng
RT: 18.10 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:178 Resp: 47233

Ion	Ratio	Lower	Upper
178	100		
176	17.8	13.9	20.9
179	15.2	12.6	18.8



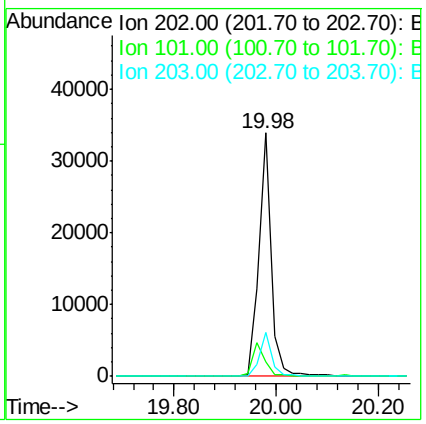


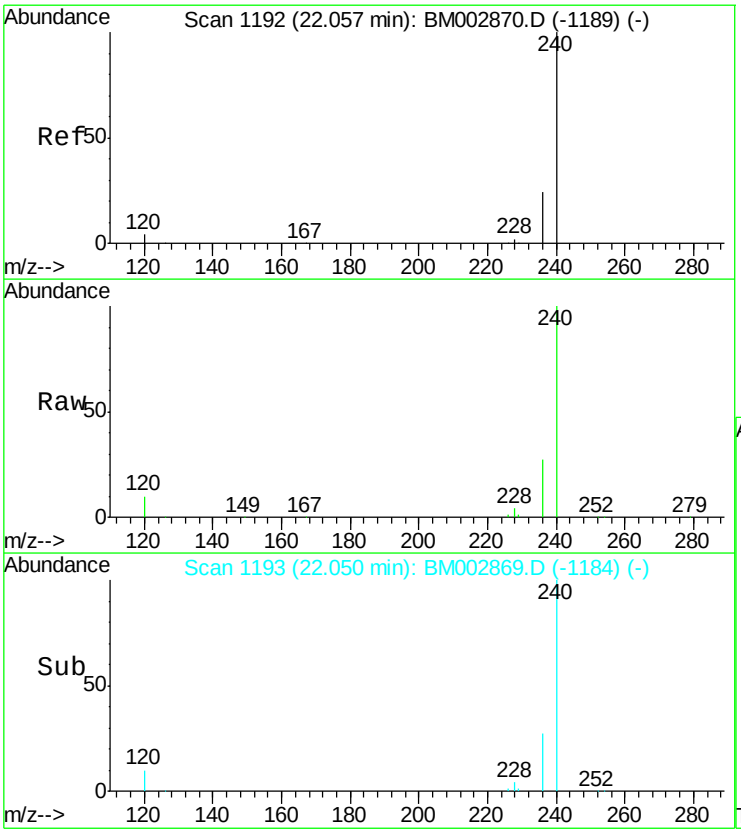
#25
Fluoranthene
Concen: 0.79 ng
RT: 19.98 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 55304

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
203	17.4	13.8	20.6

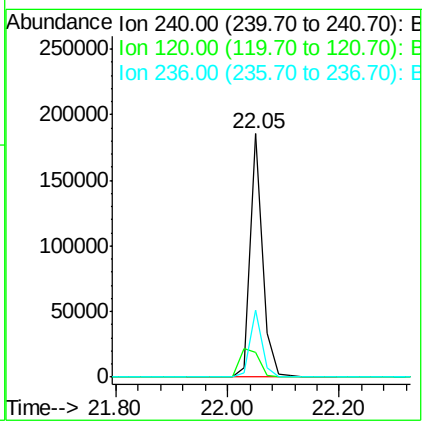


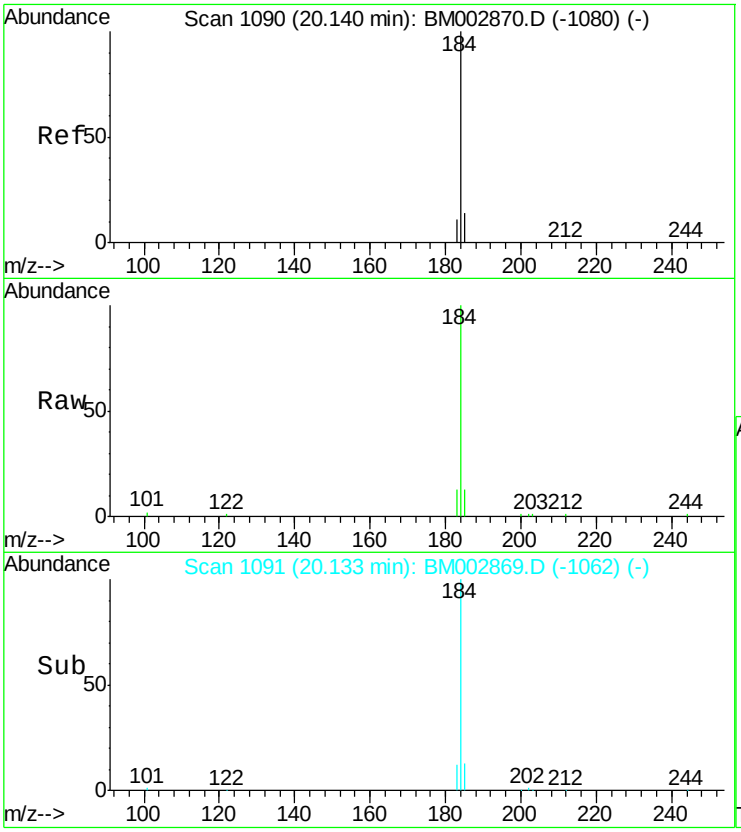


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:240 Resp: 283528

Ion	Ratio	Lower	Upper
240	100		
120	9.9	3.3	4.9#
236	27.5	19.5	29.3



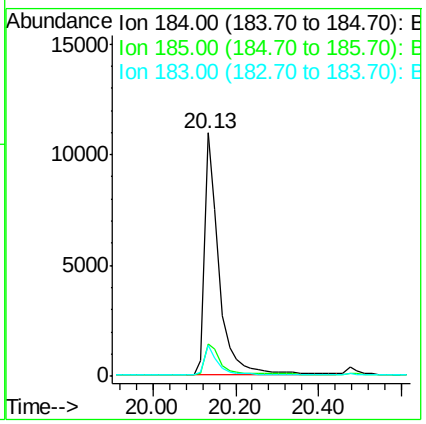


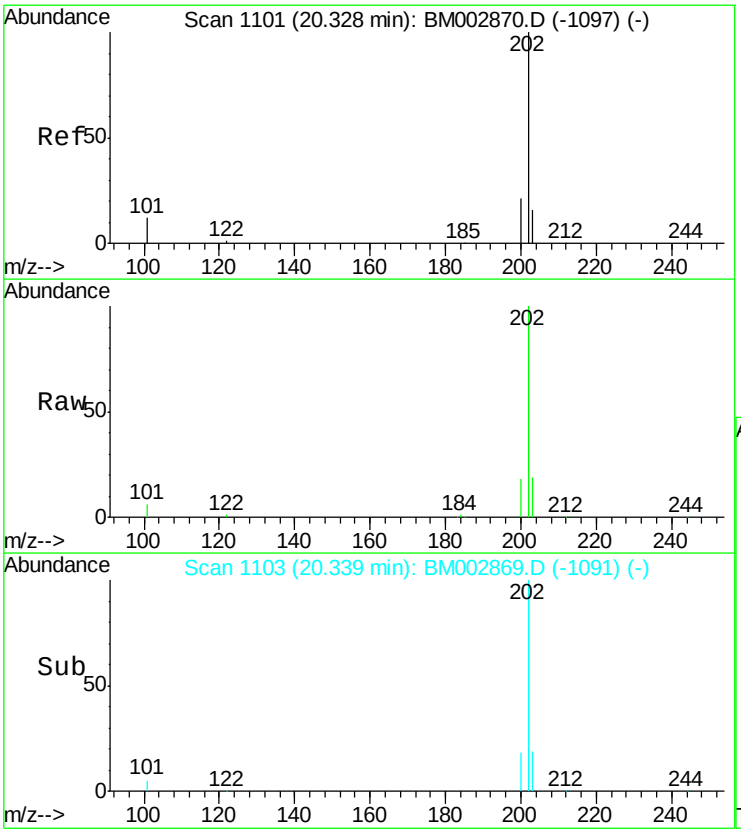
#27
Benzidine
Concen: 2.61 ng
RT: 20.13 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 26405

Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.0	18.0
183	12.8	8.9	13.3

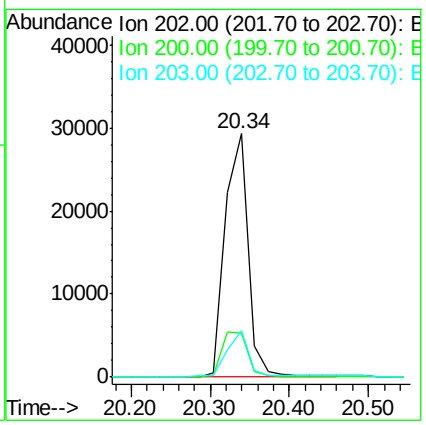


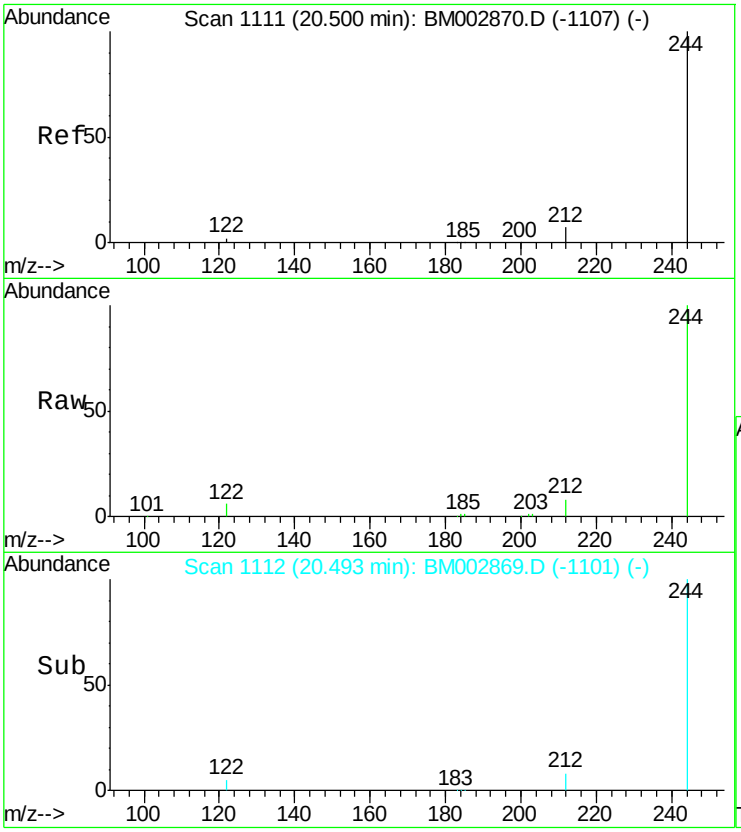


#28
Pyrene
Concen: 0.78 ng
RT: 20.34 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:202 Resp: 58431

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.5	13.8	20.8



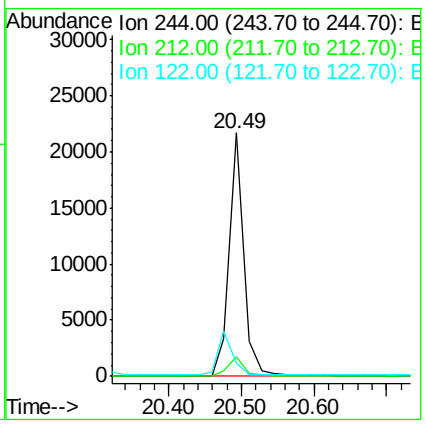


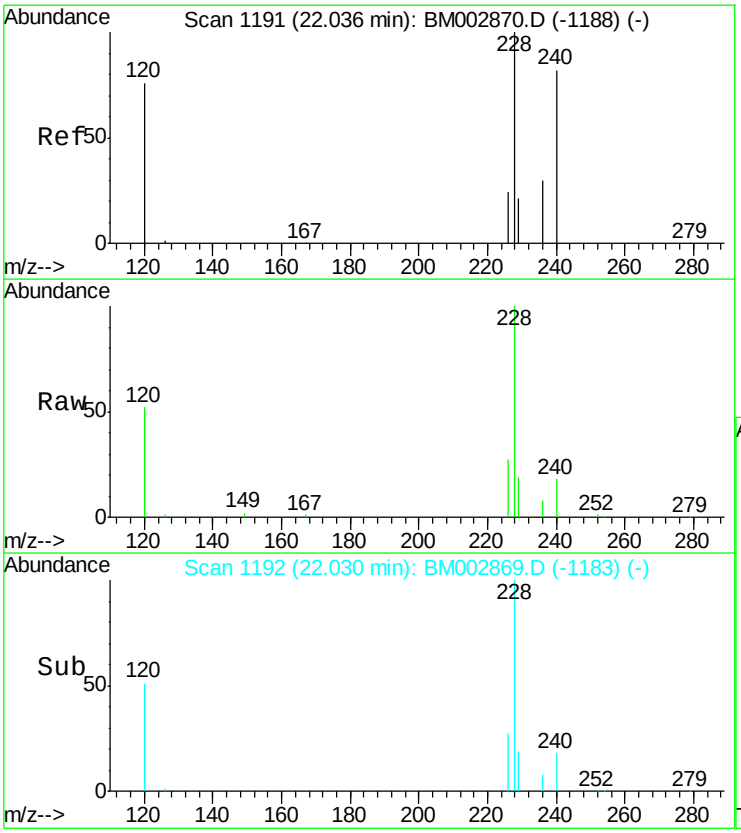
#29
Terphenyl-d14
Concen: 0.81 ng
RT: 20.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 29695

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.6	8.4
122	5.6	2.2	3.2#

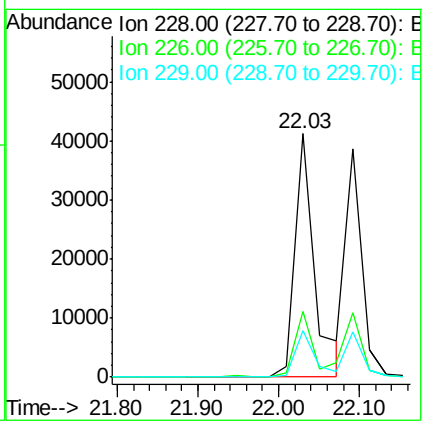


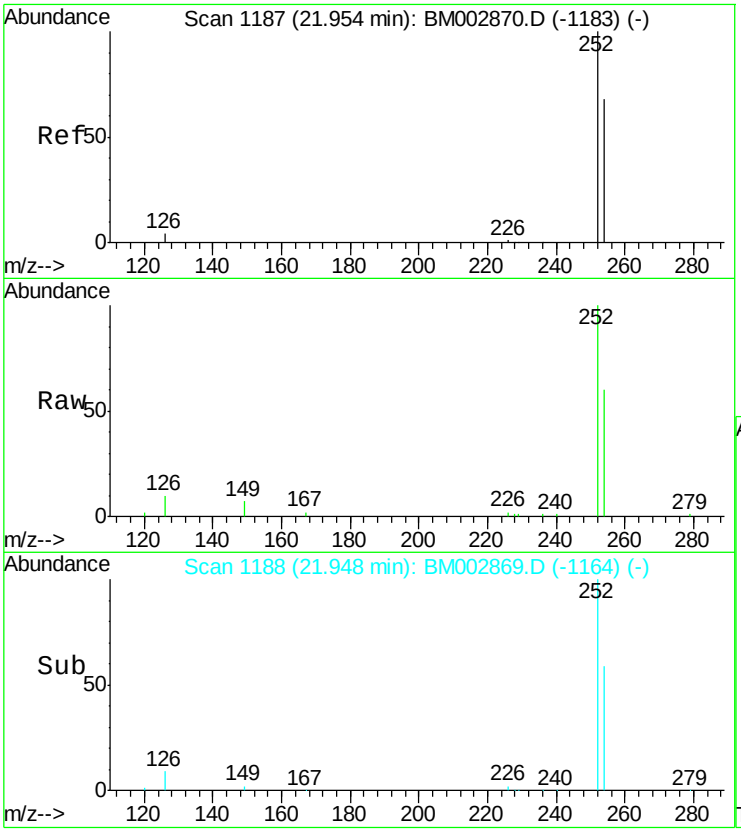


#30
Benzo(a)anthracene
Concen: 1.00 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:228 Resp: 68794

Ion	Ratio	Lower	Upper
228	100		
226	27.0	19.0	28.6
229	19.0	16.8	25.2



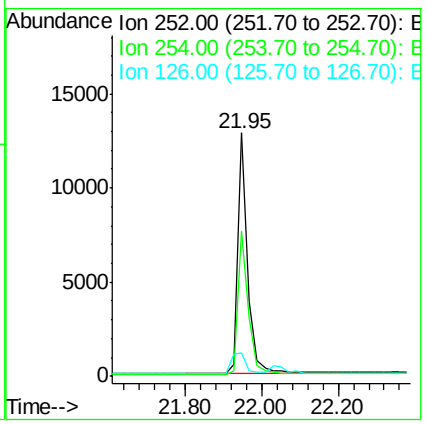


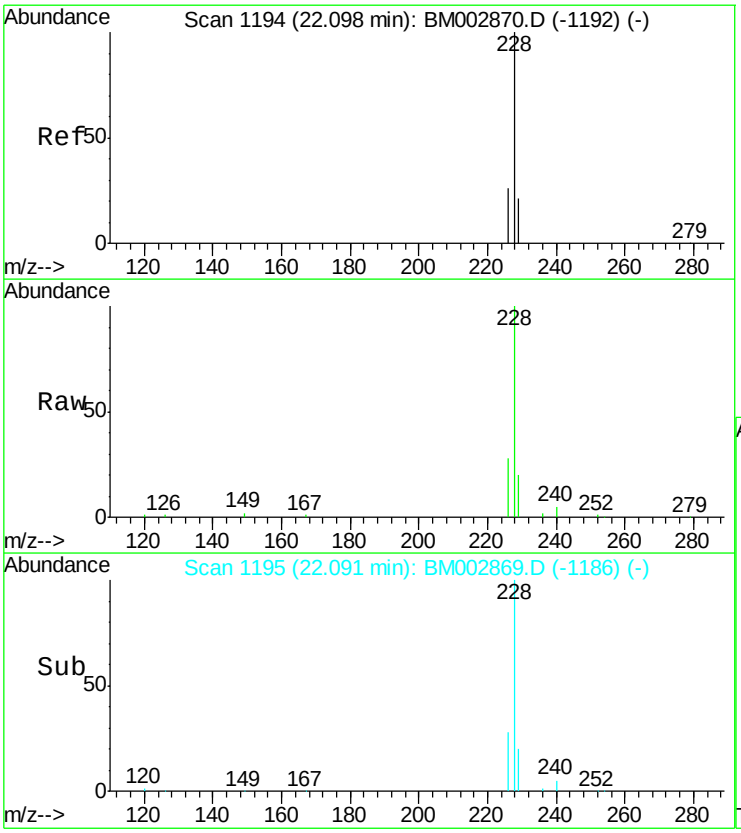
#31
3,3'-Dichlorobenzidine
Concen: 1.62 ng
RT: 21.95 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 22834

Ion	Ratio	Lower	Upper
252	100		
254	59.5	54.1	81.1
126	9.6	4.1	6.1#

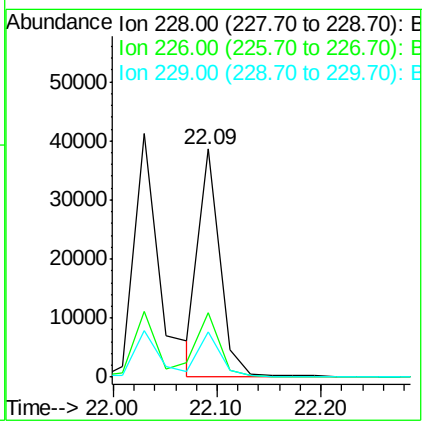


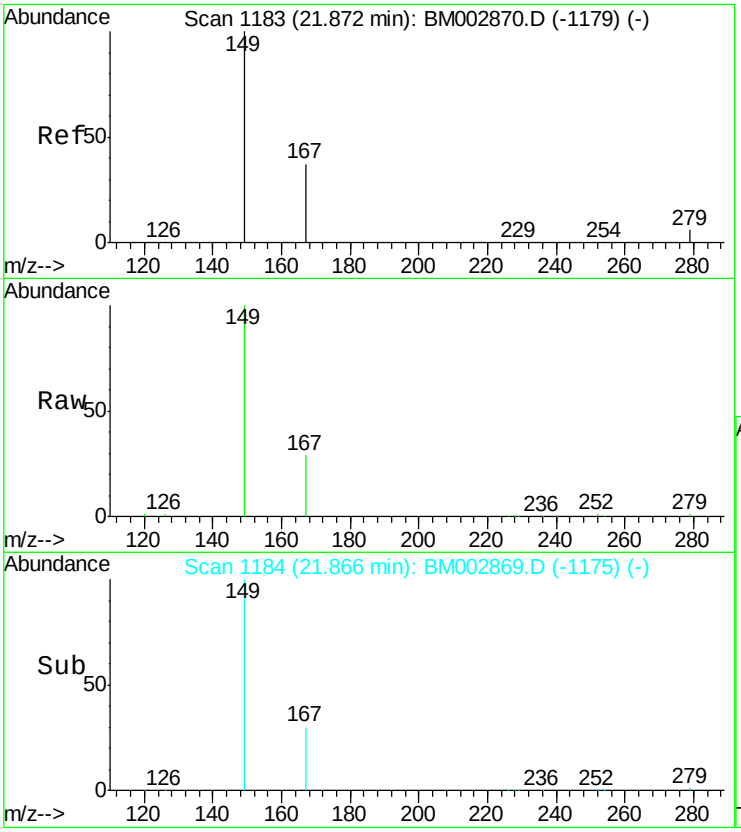


#32
Chrysene
Concen: 0.63 ng
RT: 22.09 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:228 Resp: 53810

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.6	30.8
229	19.8	17.4	26.2



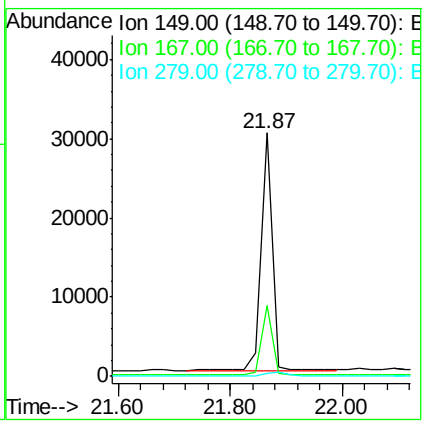


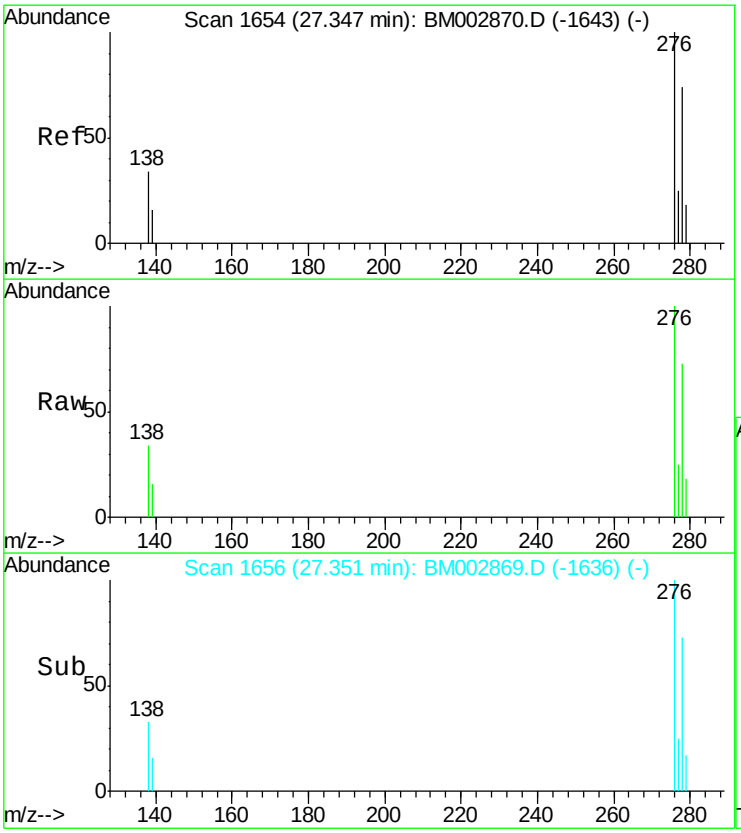
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.29 ng
RT: 21.87 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 41066

Ion	Ratio	Lower	Upper
149	100		
167	28.2	17.2	25.8#
279	0.0	2.2	3.4#

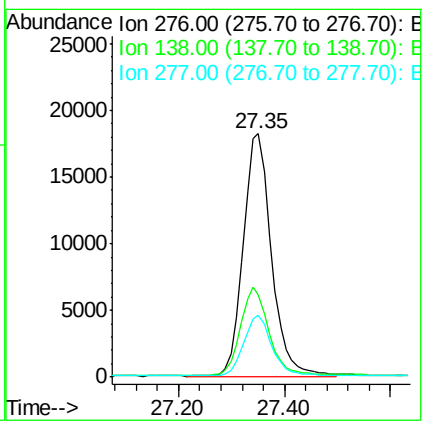


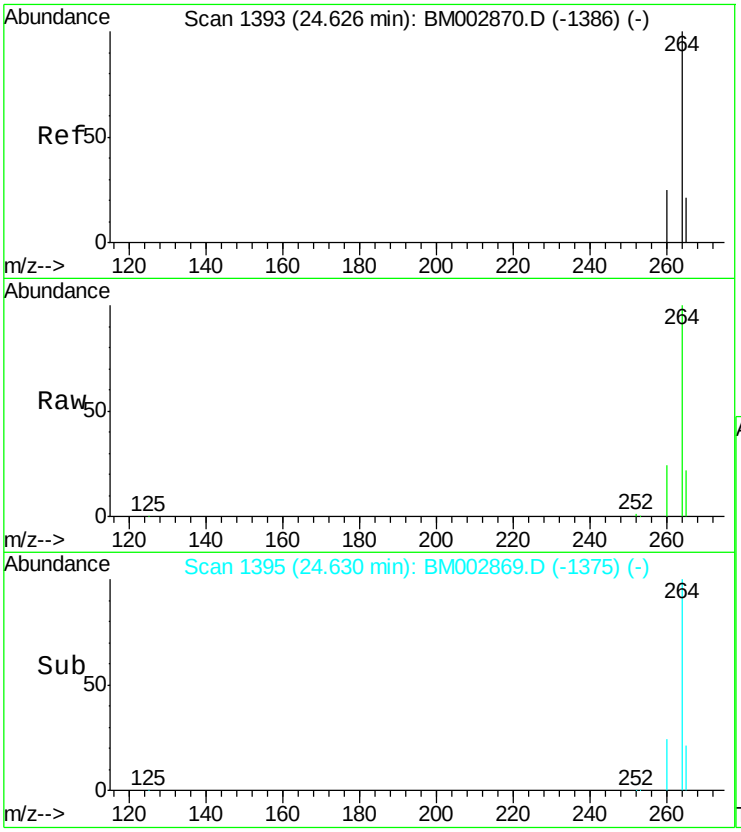


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.92 ng
RT: 27.35 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:276 Resp: 66779

Ion	Ratio	Lower	Upper
276	100		
138	36.1	29.0	43.6
277	24.8	19.8	29.8



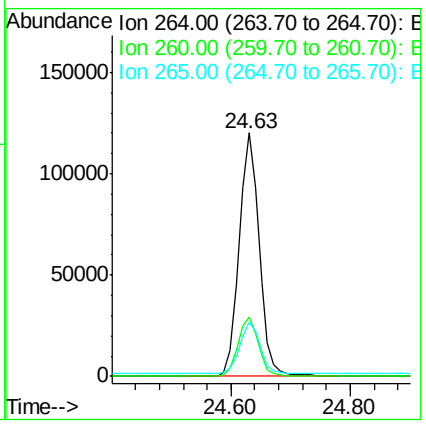


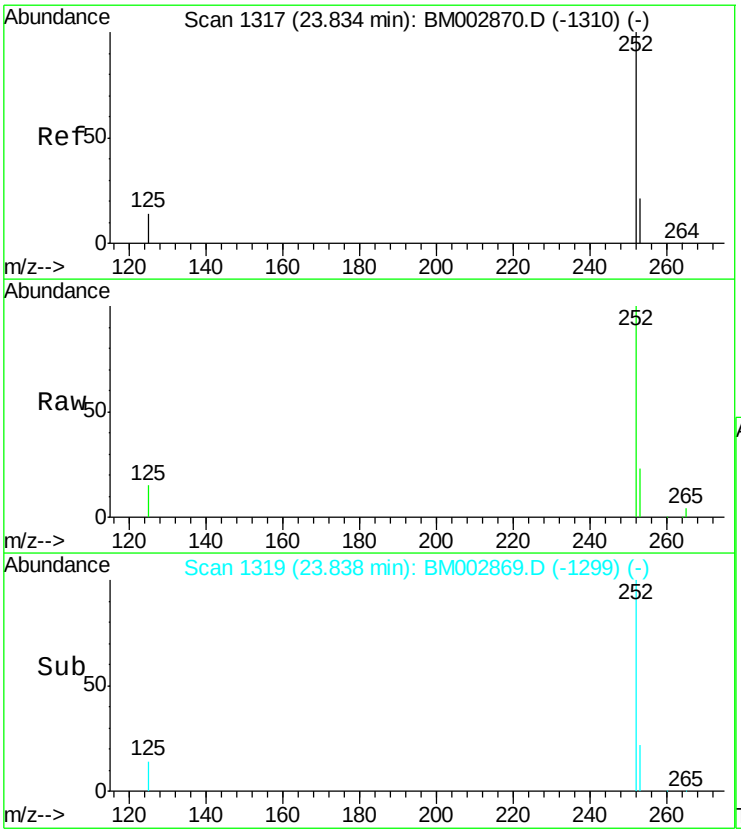
#35
Perylene-d12
Concen: 5.00 ng
RT: 24.63 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 277047

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.2	17.6	26.4

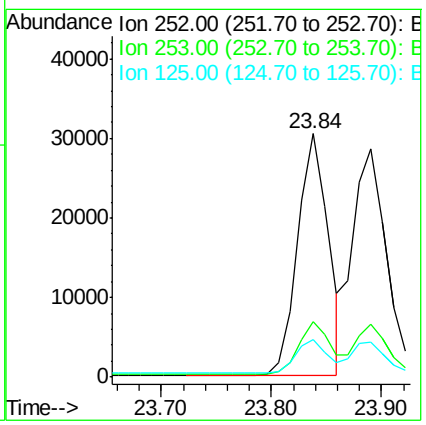


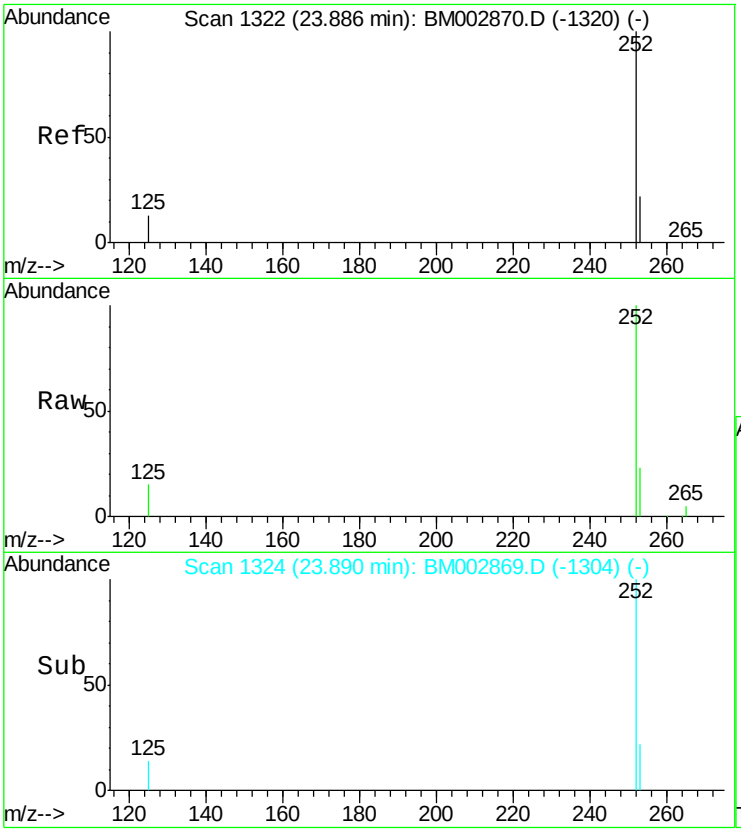


#36
Benzo(b)fluoranthene
Concen: 0.91 ng
RT: 23.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:252 Resp: 58643

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.4	12.4	18.6



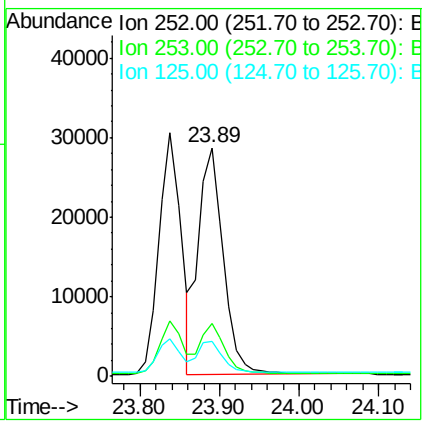


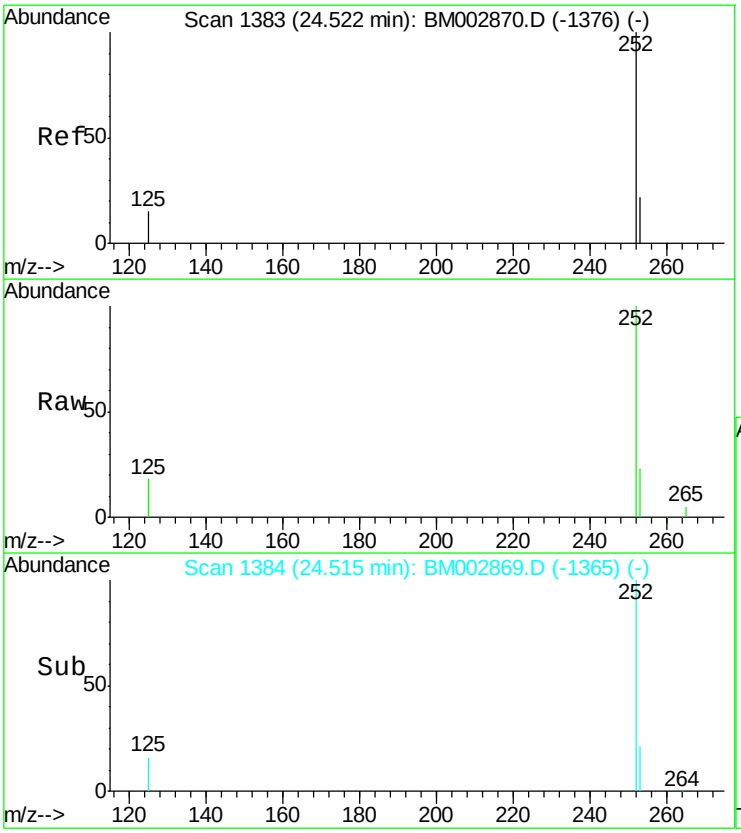
#37
Benzo(k)fluoranthene
Concen: 0.74 ng
RT: 23.89 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 61407

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	15.2	12.3	18.5

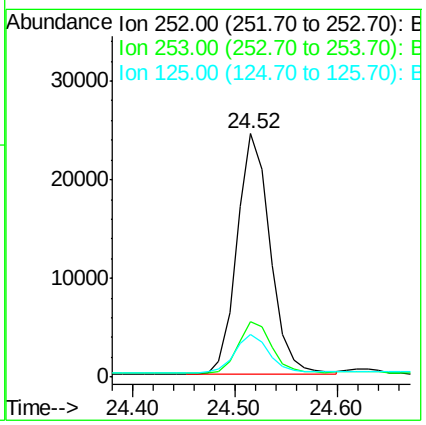


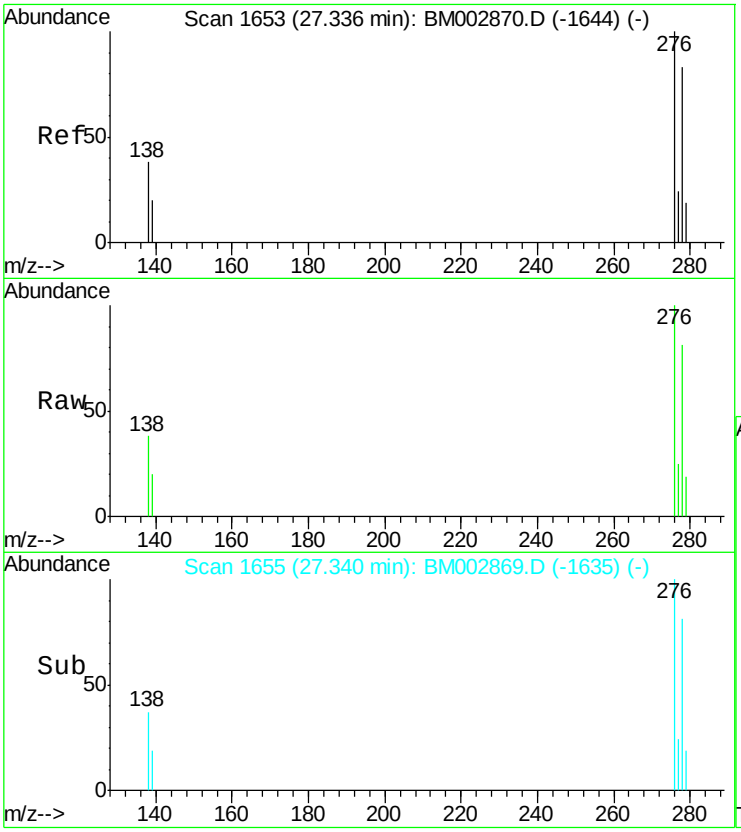


#38
Benzo(a)pyrene
Concen: 0.94 ng
RT: 24.52 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:252 Resp: 55507

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	17.8	13.3	19.9



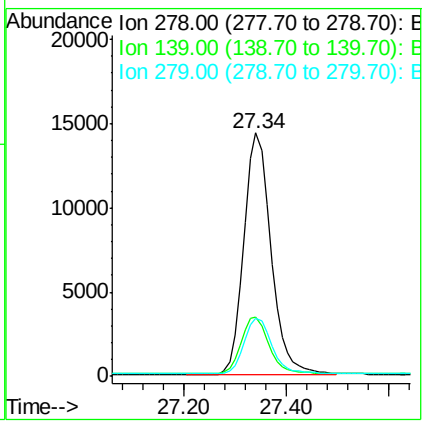


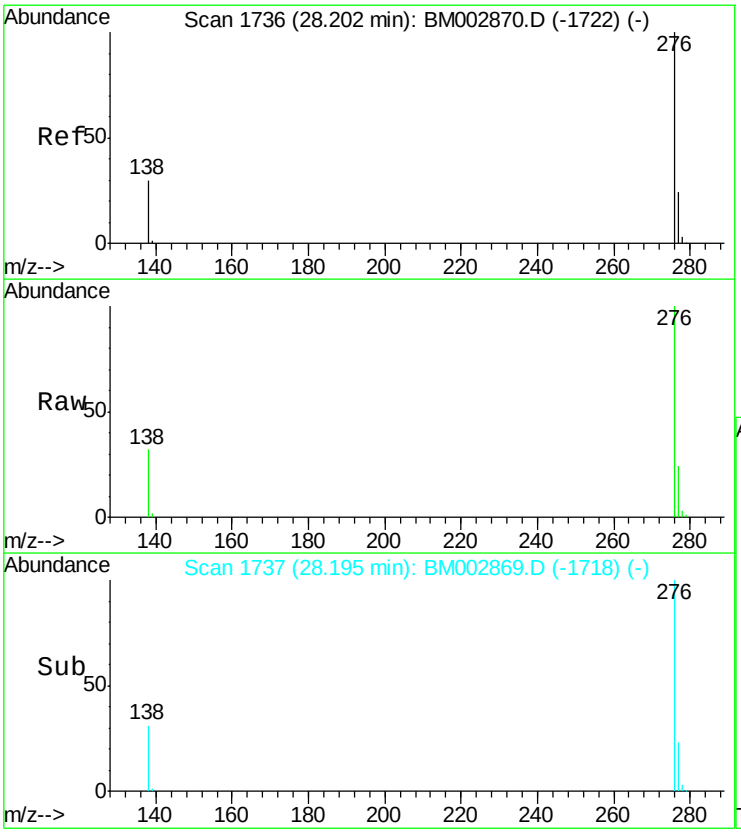
#39
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 27.34 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 53370

Ion	Ratio	Lower	Upper
278	100		
139	24.3	19.8	29.6
279	24.1	19.1	28.7





#40
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 28.20 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BM002869.D
Acq: 08 Oct 2015 18:32

Tgt Ion:276 Resp: 55269

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	31.9	24.4	36.6