Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030116\
Data File : BM004508.D
Acq On : 02 Mar 2016 06:46
Operator : SJ/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Mar 02 07:43:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 07:12:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20692	5.00	ng		0.00
7) Naphthalene-d8	10.37	136	78914	5.00	ng		-0.02
13) Acenaphthene-d10	14.26	164	39215	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	95931	5.00	ng		0.00
26) Chrysene-d12	21.23	240	73752	5.00	ng		0.00
35) Perylene-d12	23.45	264	67600	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	23259	5.54	ng		-0.03
5) Phenol-d6	6.80	99	28313	5.95	ng		-0.03
8) Nitrobenzene-d5	8.76	82	20758	7.46	ng		-0.03
14) 2,4,6-Tribromophenol	15.77	330	6858	6.16	ng		-0.02
15) 2-Fluorobiphenyl	12.87	172	62581	5.07	ng		-0.01
29) Terphenyl-d14	19.67	244	55398	3.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	9284	3.85	ng		97
3) n-Nitrosodimethylamine	3.41	42	7971	5.67	ng		99
6) bis(2-Chloroethyl)ether	7.04	93	23543	5.07	ng		95
9) Nitrobenzene	8.81	77	23847	6.59	ng		99
10) Naphthalene	10.42	128	90725	4.80	ng		97
11) Hexachlorobutadiene	10.72	225	15682	4.82	ng		100
12) 2-Methylnaphthalene	12.06	142	57424	5.13	ng		96
16) Acenaphthylene	13.97	152	100407	5.70	ng		99
17) Acenaphthene	14.33	154	53840	4.45	ng	#	5
18) Fluorene	15.33	166	66621	4.68	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	18332	4.75	ng	#	80
21) Hexachlorobenzene	16.32	284	16744	3.75	ng	#	100
22) Pentachlorophenol	16.70	266	3967	7.88	ng		86
23) Phenanthrene	17.14	178	103303	4.12	ng		98
24) Anthracene	17.14	178	108322	5.31	ng		98
25) Fluoranthene	19.09	202	121487	3.73	ng		99
27) Benzidine	19.29	184	42930	8.34	ng	#	90
28) Pyrene	19.47	202	124076	4.13	ng		100
30) Benzo(a)anthracene	21.21	228	109815	4.31	ng		98
31) 3,3'-Dichlorobenzidine	21.16	252	37922	5.53	ng	#	84
32) Chrysene	21.27	228	112708	3.37	ng		98
33) Bis(2-ethylhexyl)phthalate	21.12	149	70655	4.66	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.68	276	110625	5.16	ng		100
36) Benzo(b)fluoranthene	22.79	252	101210	3.78	ng		97
37) Benzo(k)fluoranthene	22.83	252	105743	4.37	ng		97
38) Benzo(a)pyrene	23.36	252	98212	4.87	ng		96
39) Dibenzo(a,h)anthracene	25.69	278	87564	5.40	ng		95
40) Benzo(g,h,i)perylene	26.37	276	94819	5.06	ng		98

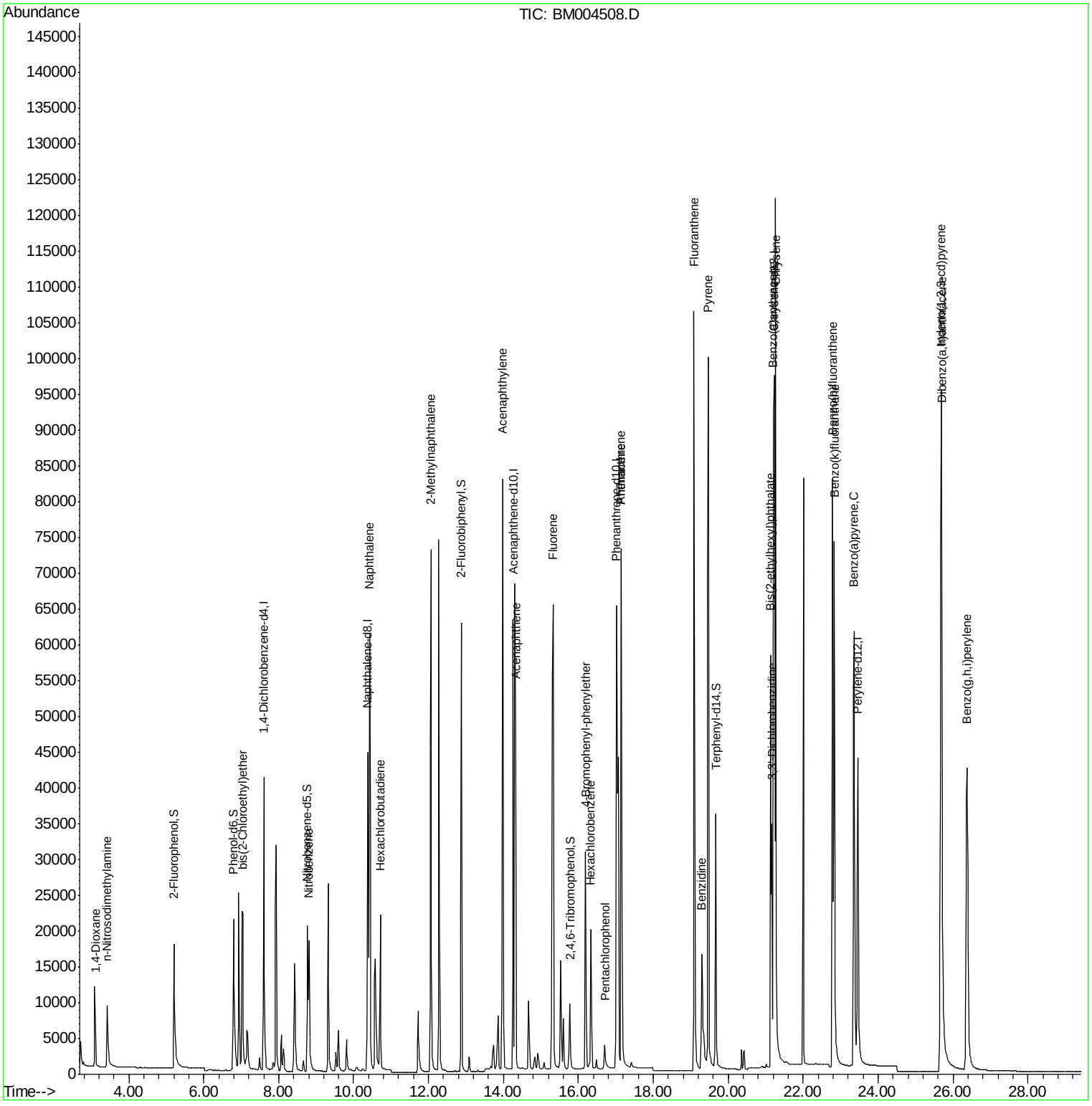
(#) = qualifier out of range (m) = manual integration (+) = signals summed

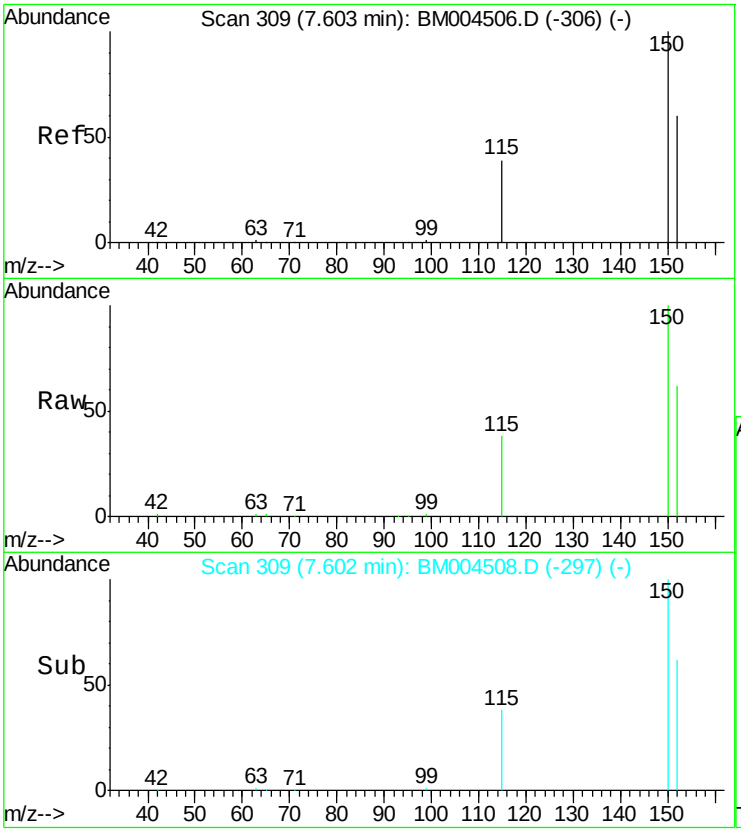
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030116\
Data File : BM004508.D
Acq On : 02 Mar 2016 06:46
Operator : SJ/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Mar 02 07:43:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 07:12:56 2016
Response via : Initial Calibration



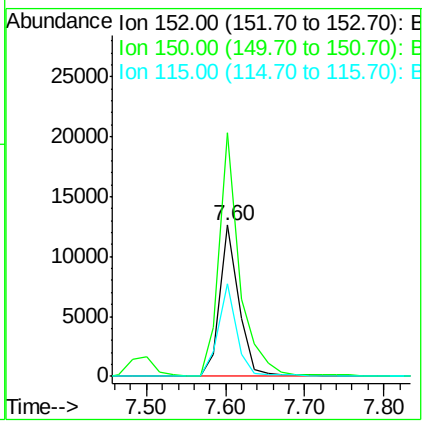


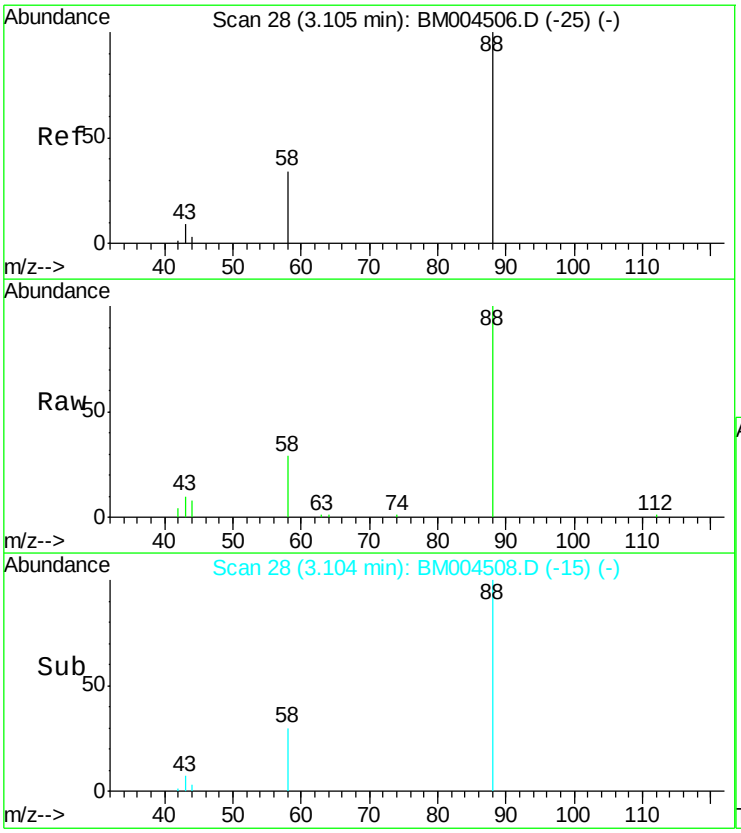
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 20692

Ion	Ratio	Lower	Upper
152	100		
150	161.3	134.2	201.2
115	61.2	52.2	78.4

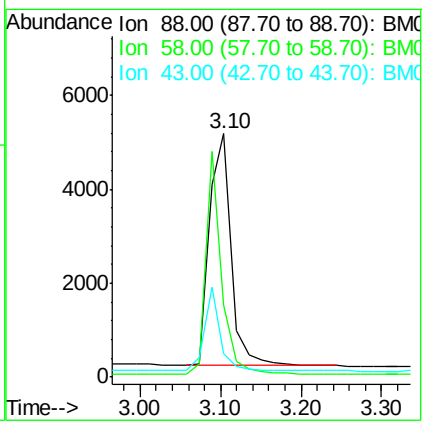


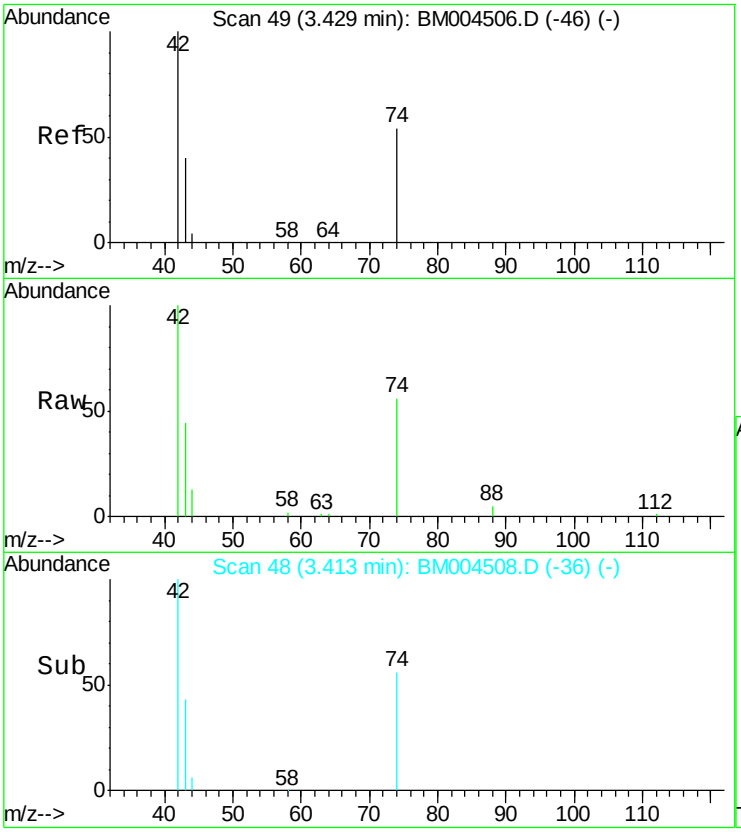


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 3.10 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion: 88 Resp: 9284

Ion	Ratio	Lower	Upper
88	100		
58	69.8	52.9	79.3
43	26.0	20.8	31.2



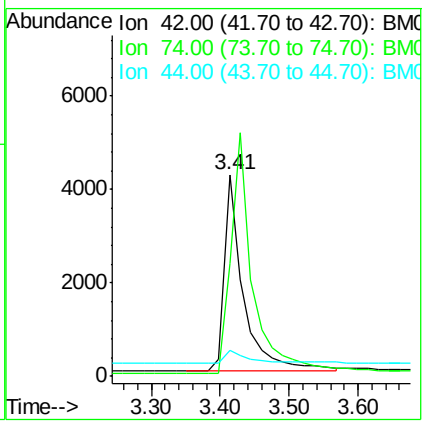


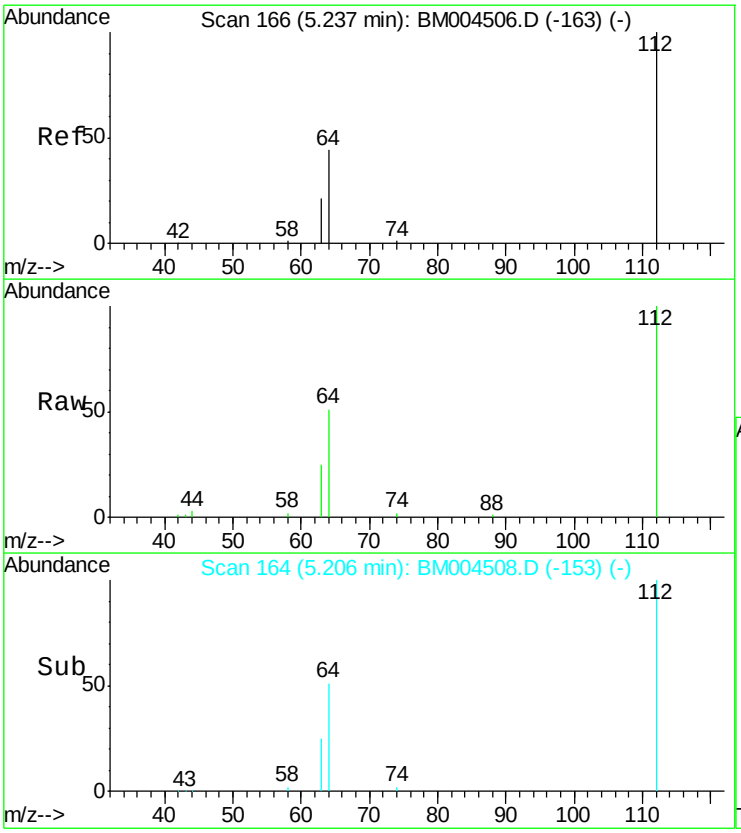
#3
n-Nitrosodimethylamine
Concen: 5.67 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 7971

Ion	Ratio	Lower	Upper
42	100		
74	143.3	115.5	173.3
44	7.1	6.2	9.4

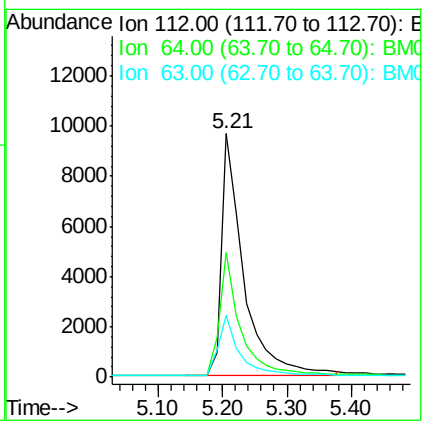


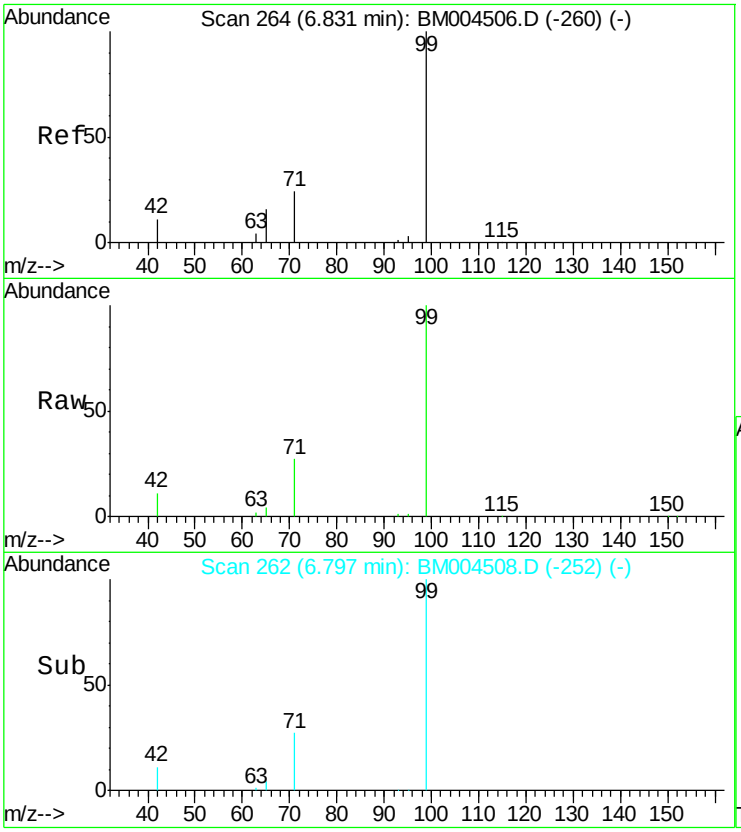


#4
2-Fluorophenol
Concen: 5.54 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:112 Resp: 23259

Ion	Ratio	Lower	Upper
112	100		
64	48.7	37.0	55.6
63	24.5	19.0	28.4



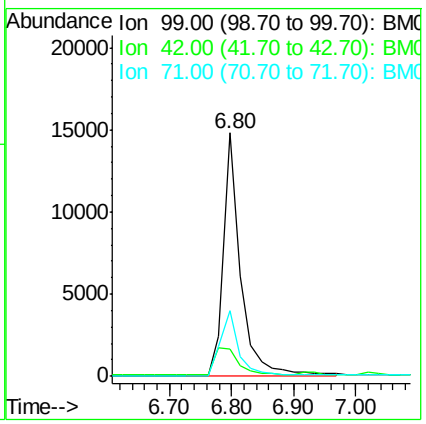


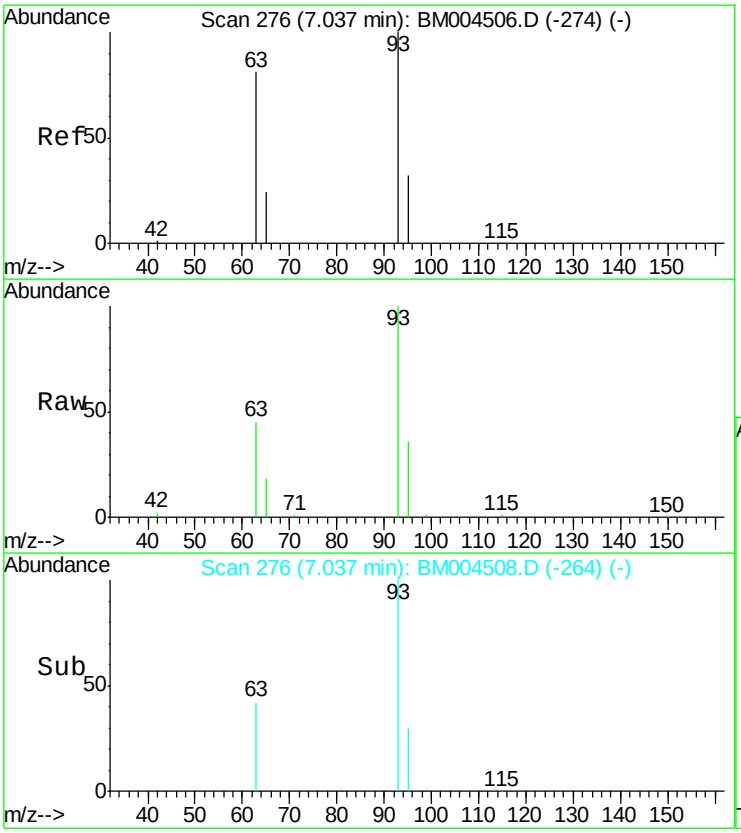
#5
Phenol-d6
Concen: 5.95 ng
RT: 6.80 min Scan# 262
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 28313

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.4
71	28.9	23.4	35.2

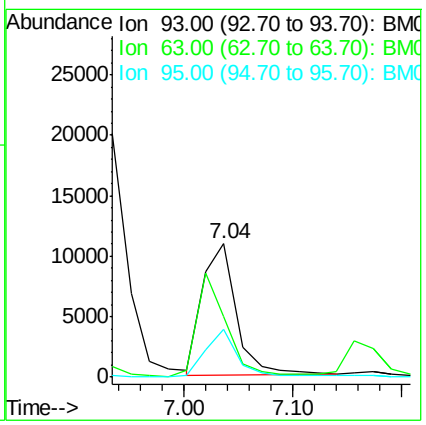


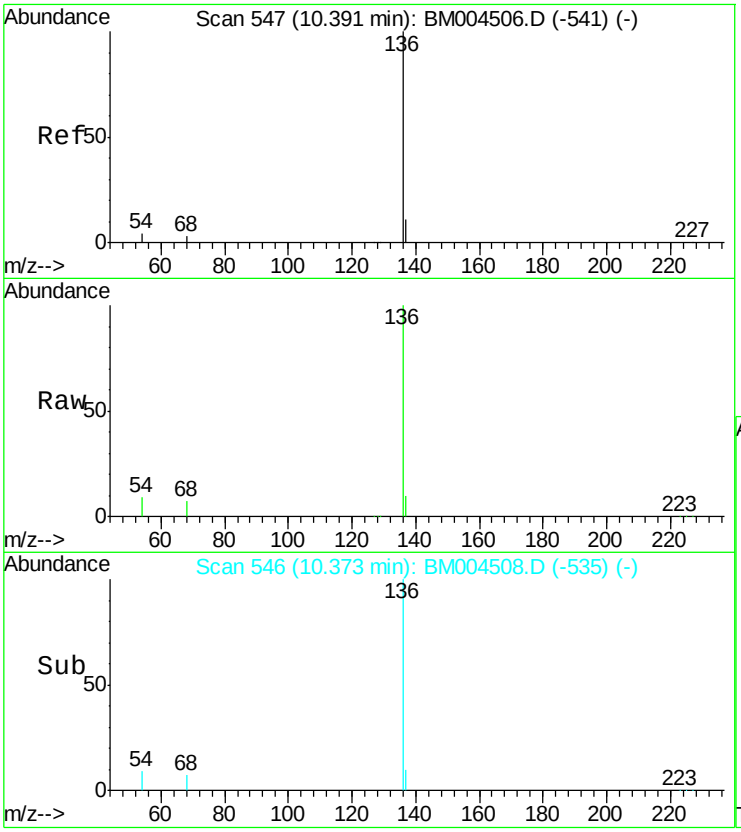


#6
bis(2-Chloroethyl)ether
Concen: 5.07 ng
RT: 7.04 min Scan# 276
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion: 93 Resp: 23543

Ion	Ratio	Lower	Upper
93	100		
63	68.5	51.1	76.7
95	32.9	25.0	37.6



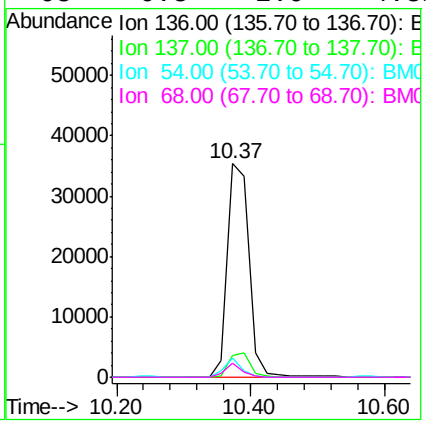


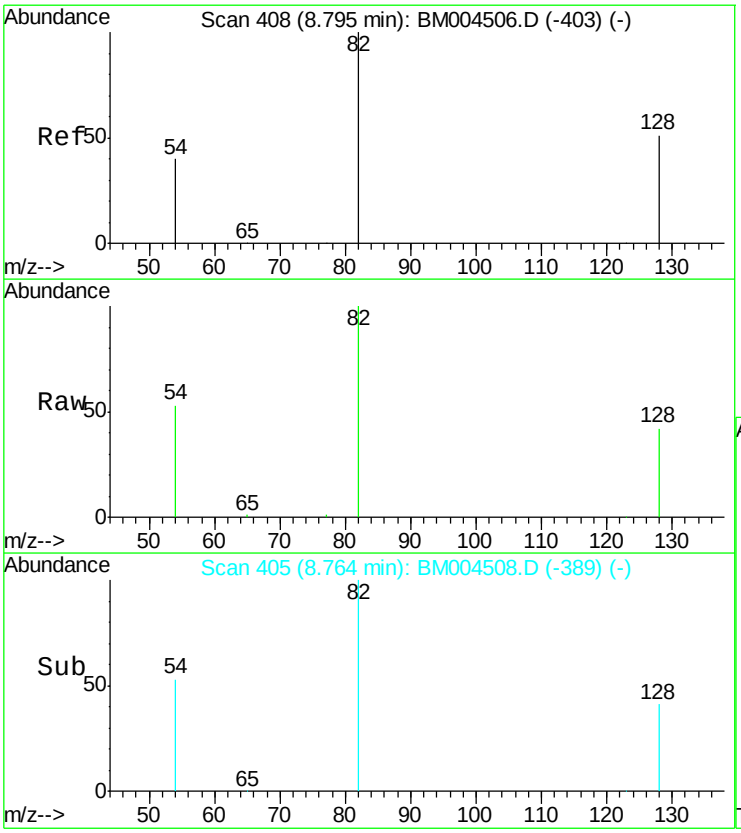
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 546
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 78914

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	9.1	3.3	4.9#
68	6.8	2.9	4.3#

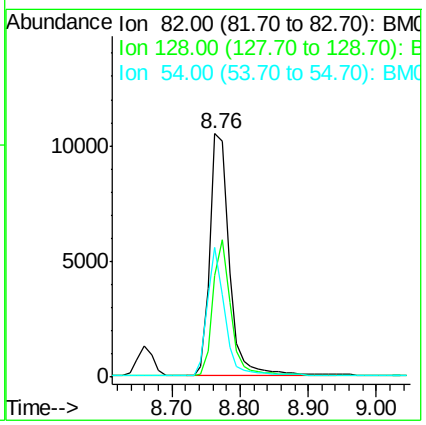


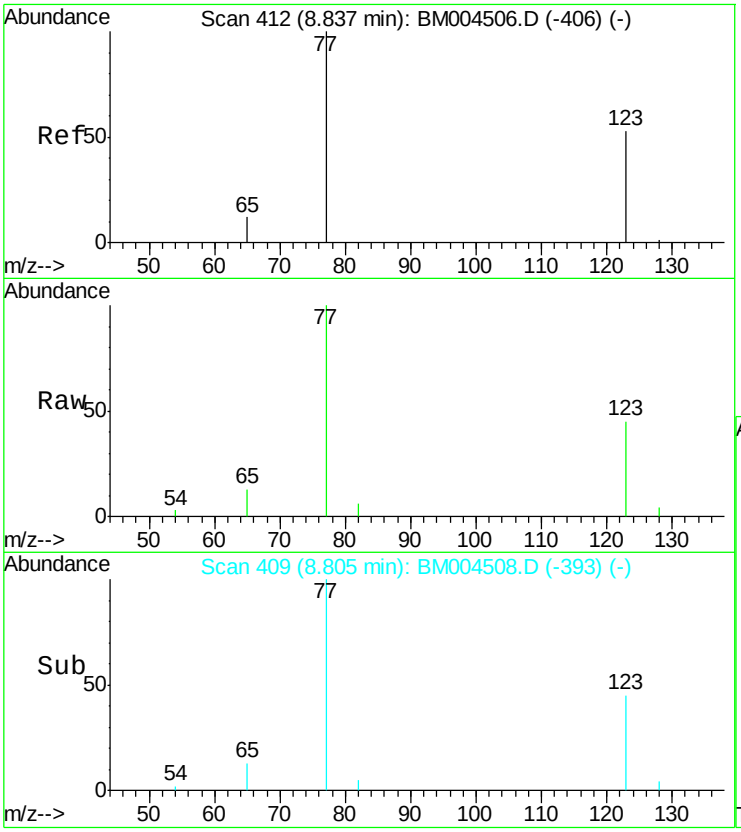


#8
Nitrobenzene-d5
Concen: 7.46 ng
RT: 8.76 min Scan# 405
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion: 82 Resp: 20758

Ion	Ratio	Lower	Upper
82	100		
128	41.8	41.9	62.9#
54	53.0	34.2	51.2#



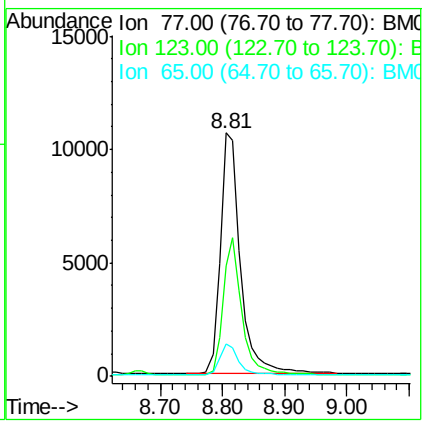


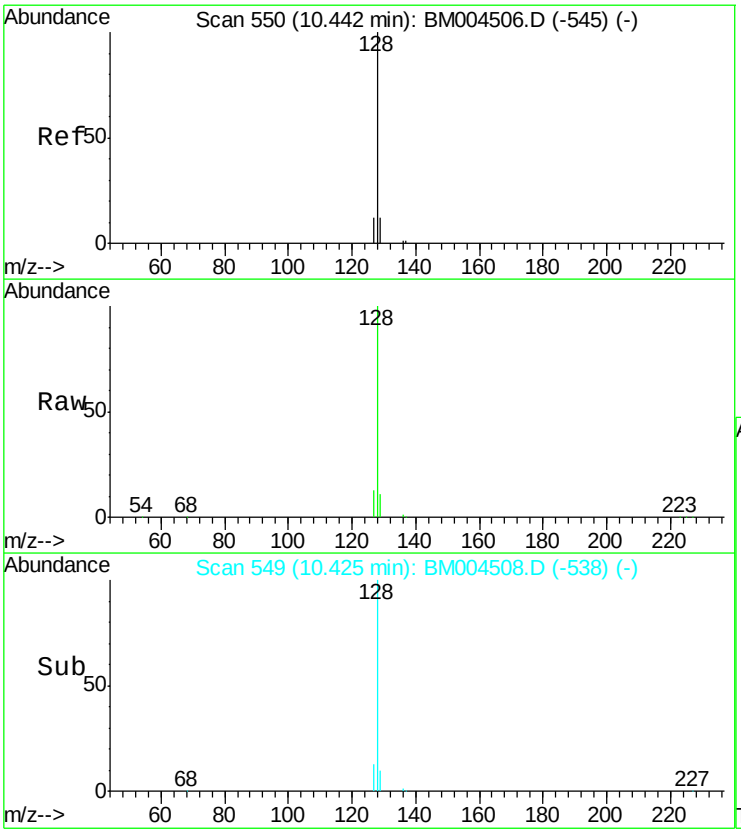
#9
Nitrobenzene
Concen: 6.59 ng
RT: 8.81 min Scan# 409
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 23847

Ion	Ratio	Lower	Upper
77	100		
123	54.0	42.5	63.7
65	12.5	10.0	15.0

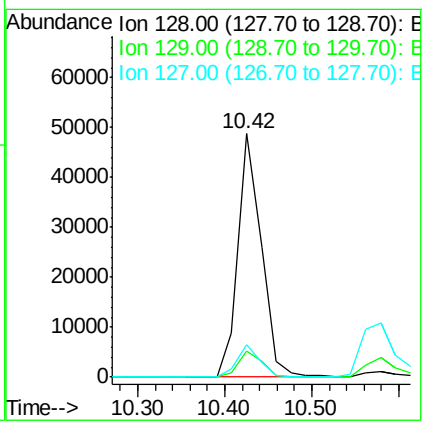


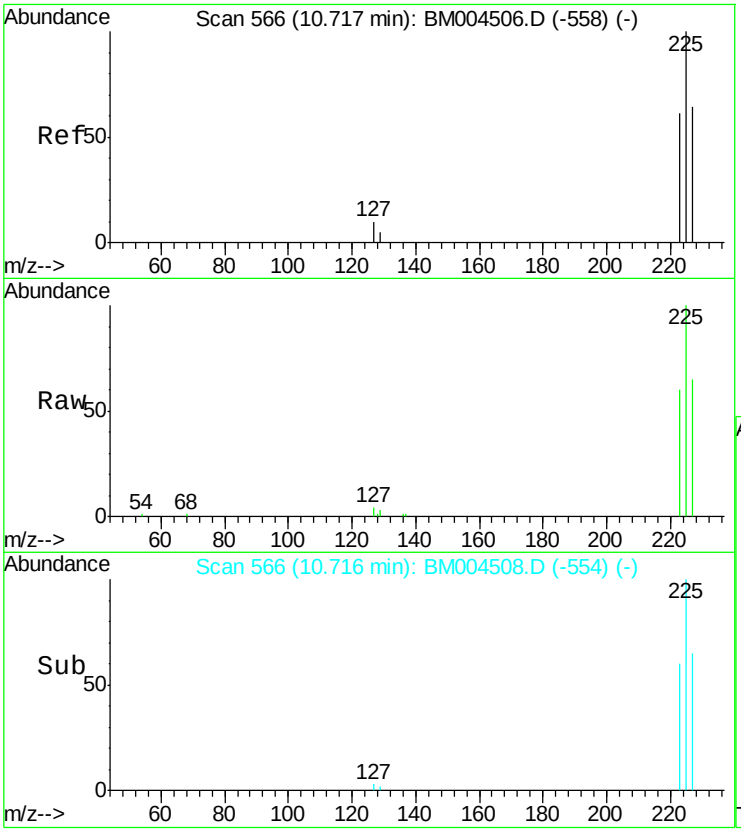


#10
Naphthalene
Concen: 4.80 ng
RT: 10.42 min Scan# 549
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:128 Resp: 90725

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.8	14.6
127	13.4	9.9	14.9



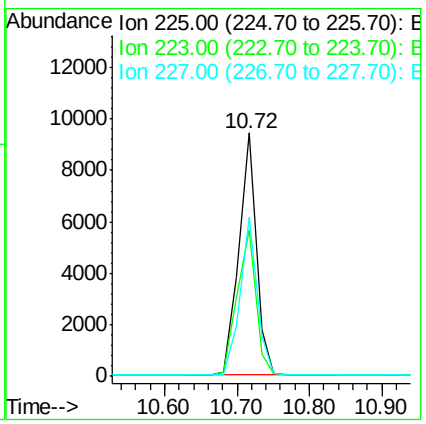


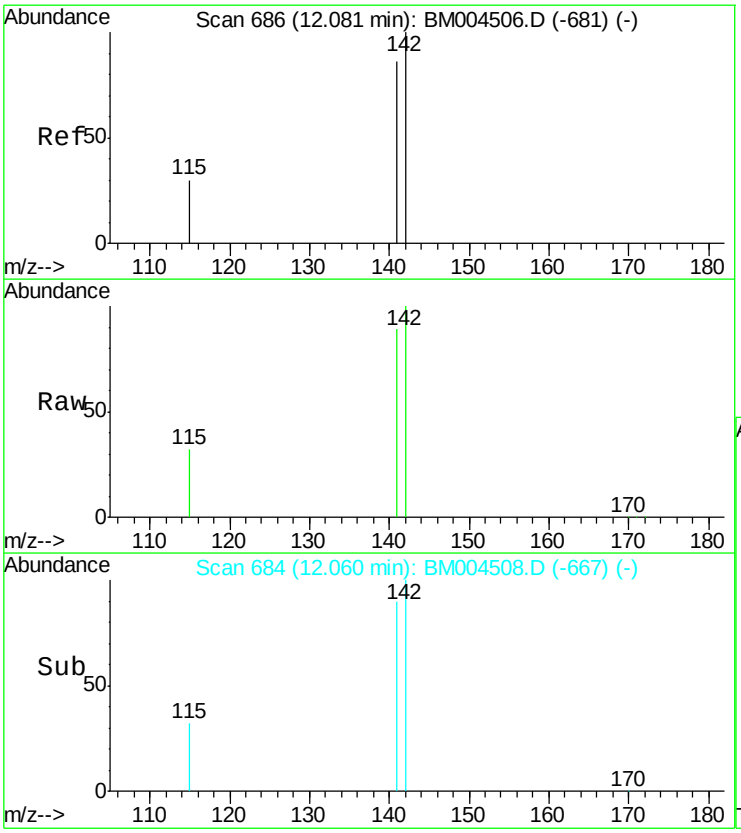
#11
Hexachlorobutadiene
Concen: 4.82 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 15682

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.8	51.1	76.7

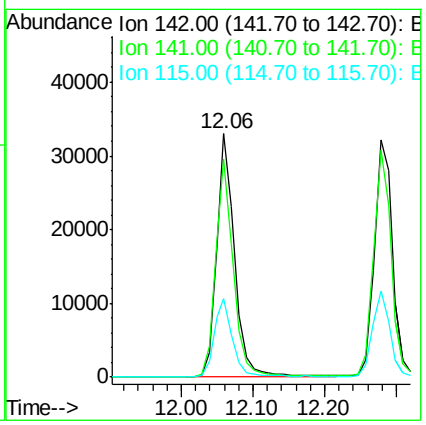


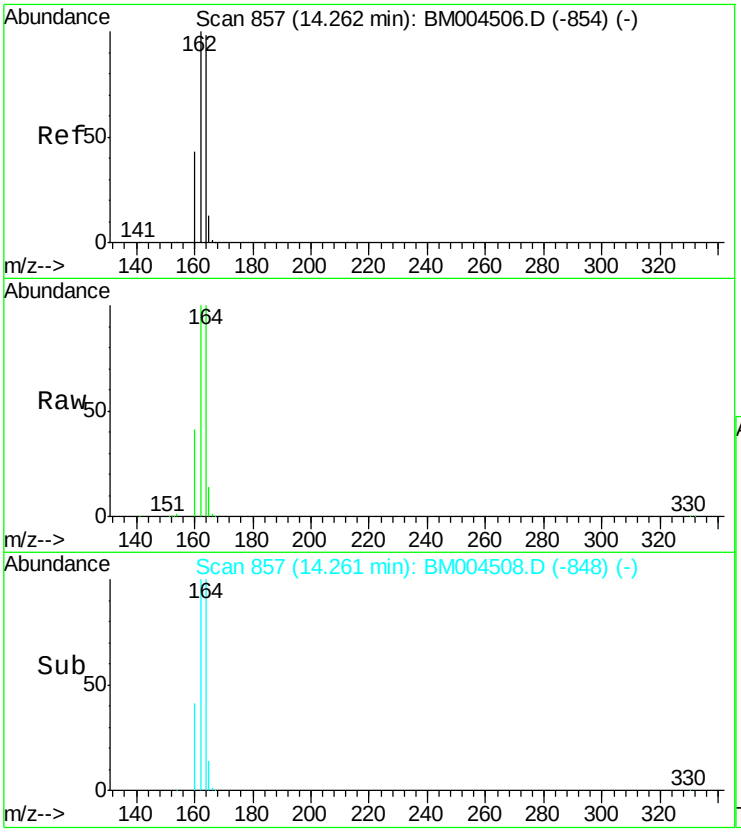


#12
2-Methylnaphthalene
Concen: 5.13 ng
RT: 12.06 min Scan# 684
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:142 Resp: 57424

Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.5	102.7
115	32.3	24.6	36.8



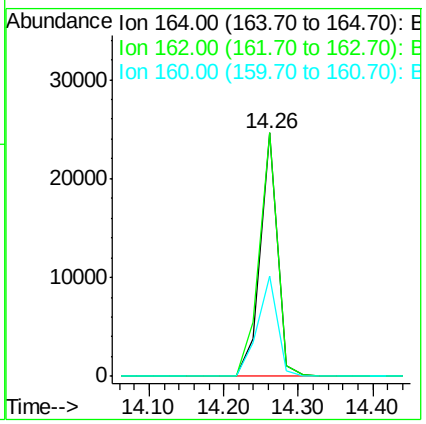


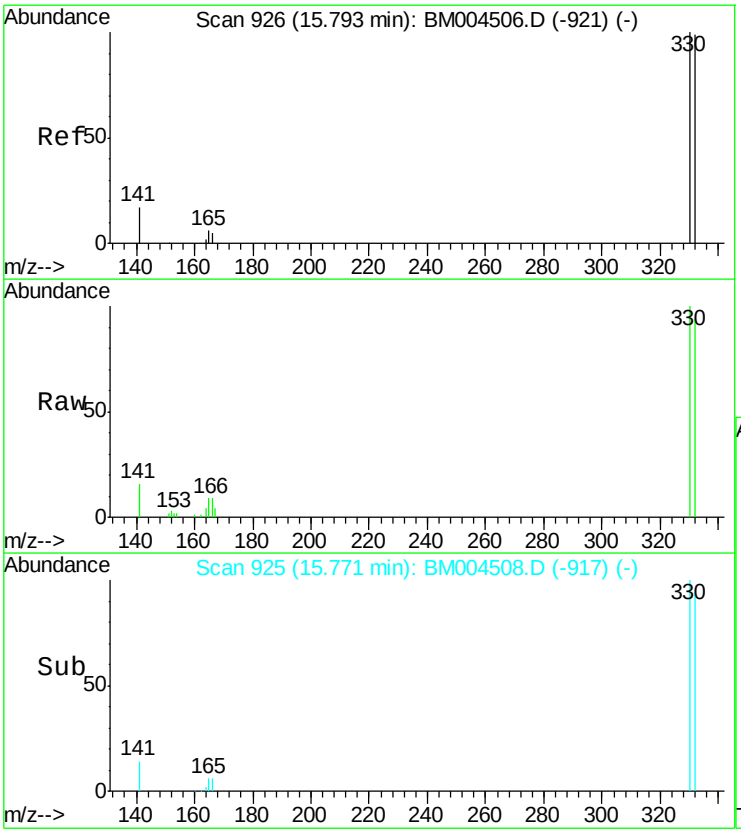
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 39215

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	41.3	34.9	52.3

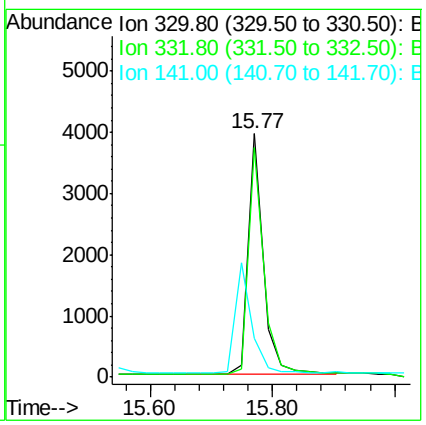


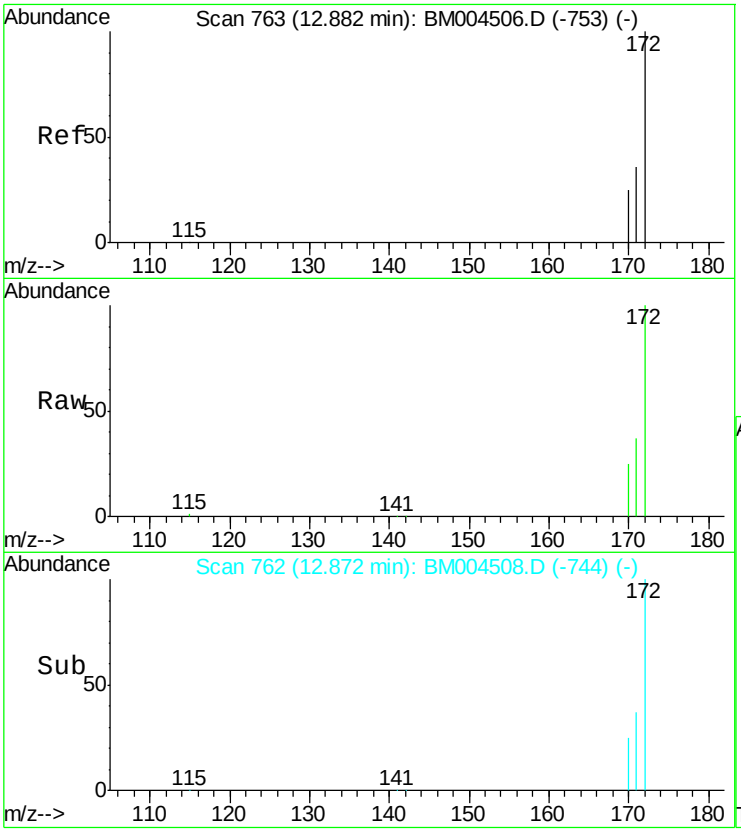


#14
2,4,6-Tribromophenol
Concen: 6.16 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:330 Resp: 6858

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	0.0	0.0	0.0



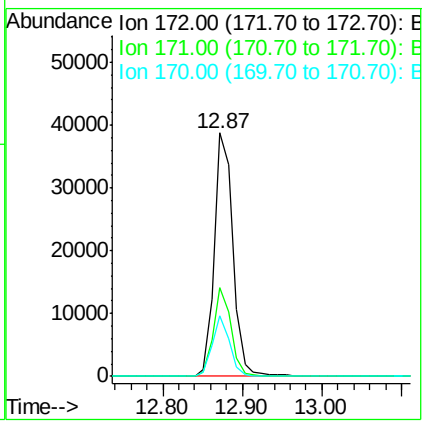


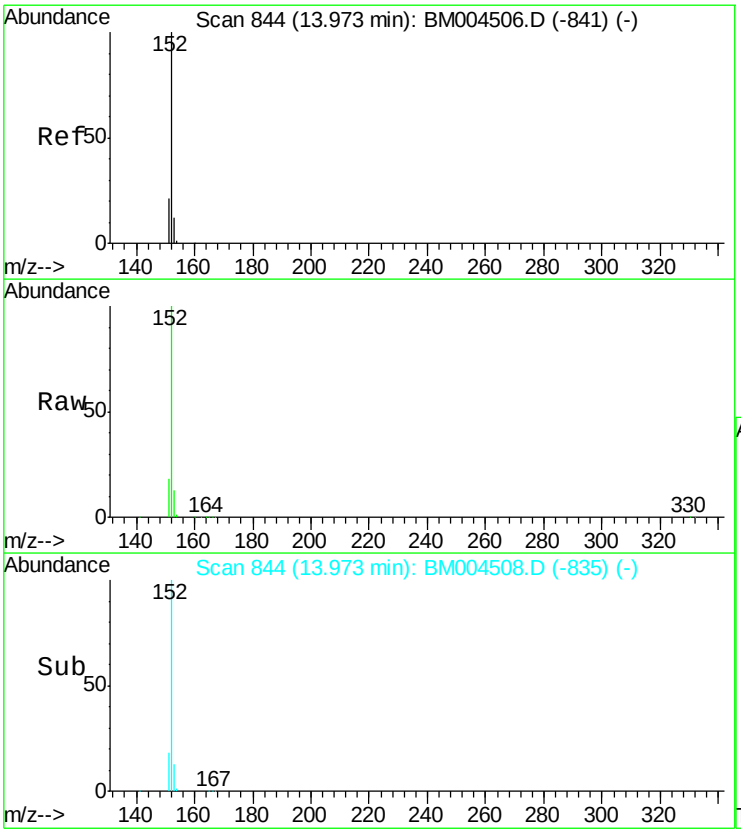
#15
2-Fluorobiphenyl
Concen: 5.07 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 62581

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.0	20.2	30.2

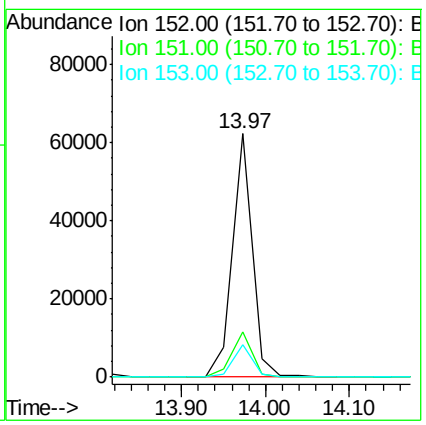


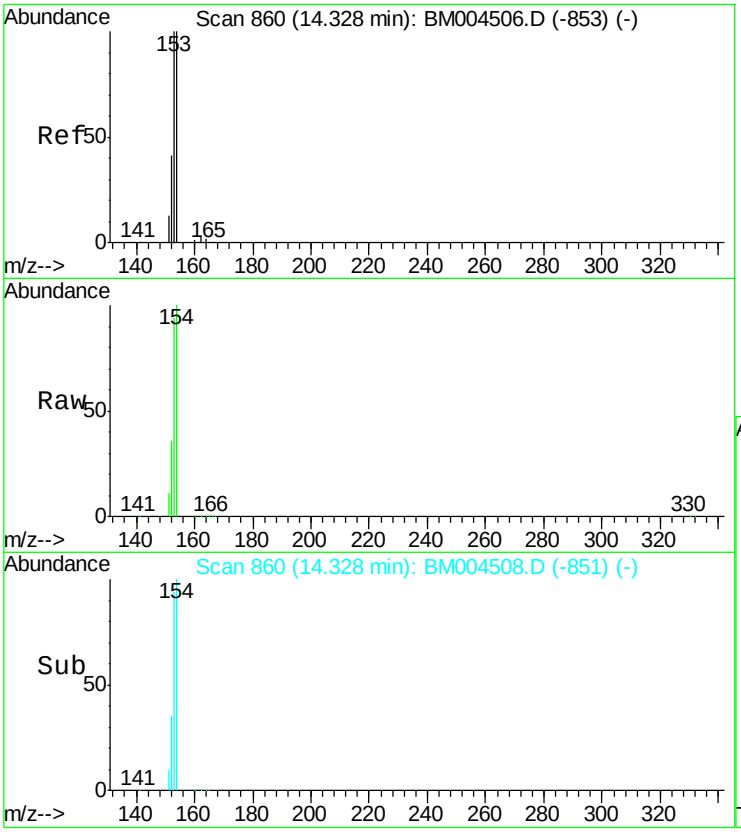


#16
Acenaphthylene
Concen: 5.70 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:152 Resp: 100407

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6
153	13.2	10.2	15.4



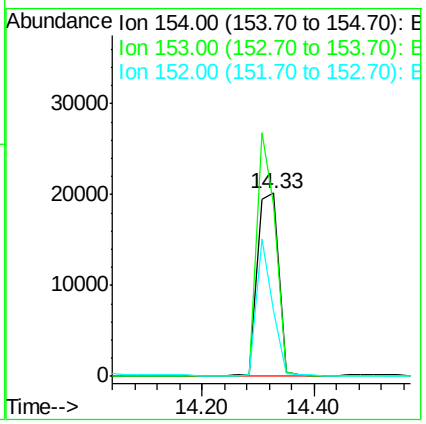


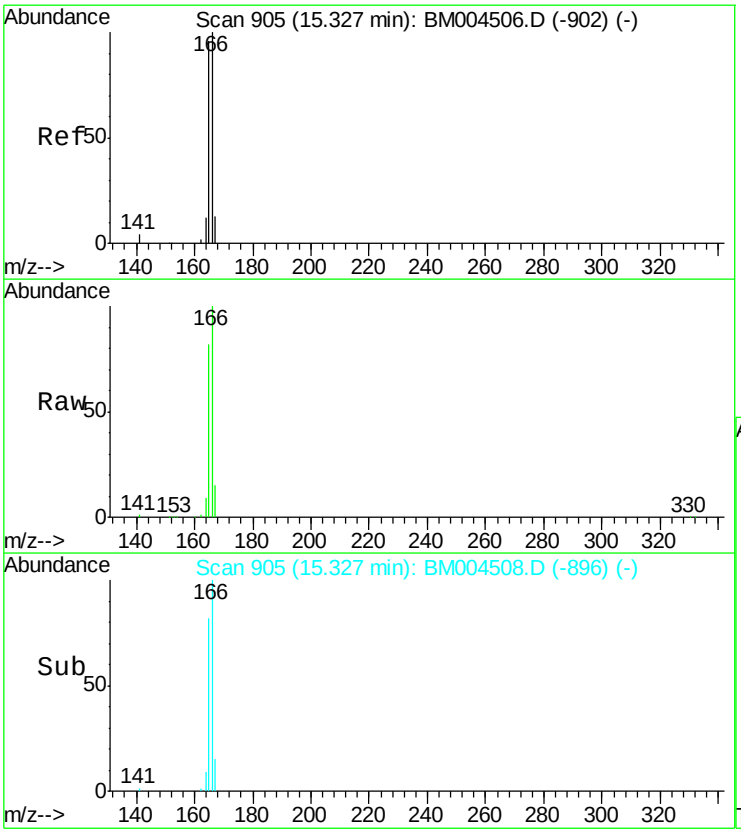
#17
Acenaphthene
Concen: 4.45 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 53840

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.7	133.1#
152	0.0	41.8	62.8#

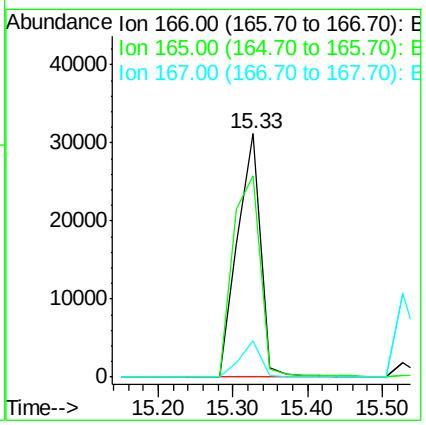


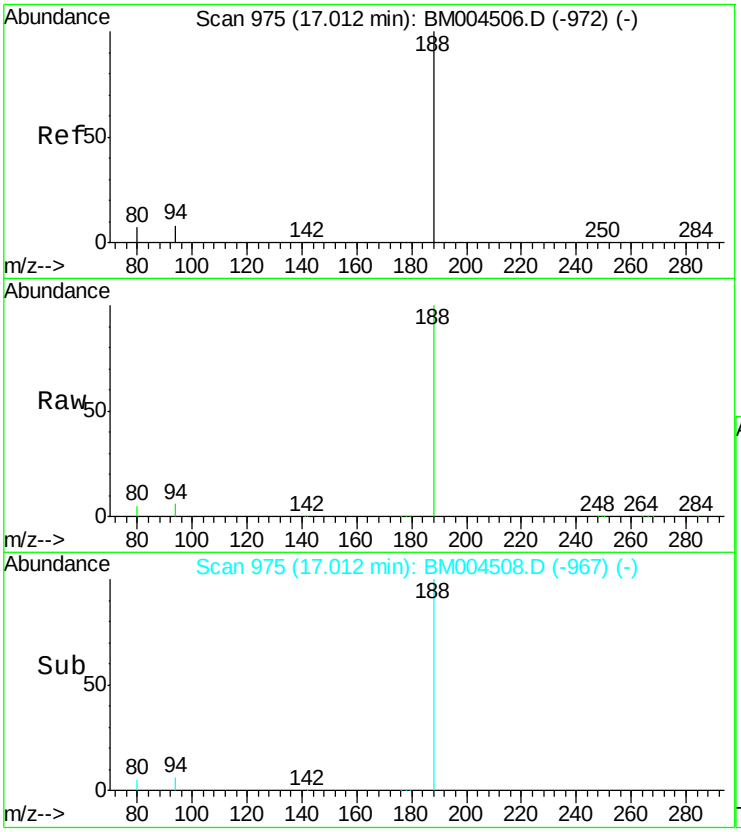


#18
Fluorene
Concen: 4.68 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:166 Resp: 66621

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.5	10.8	16.2



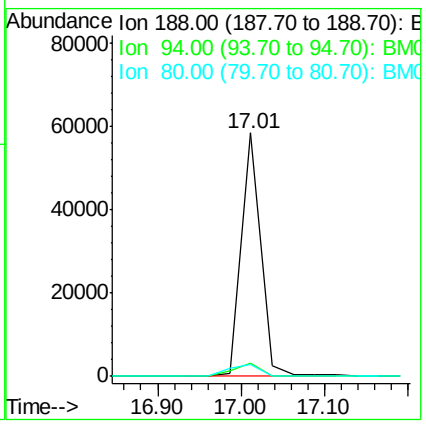


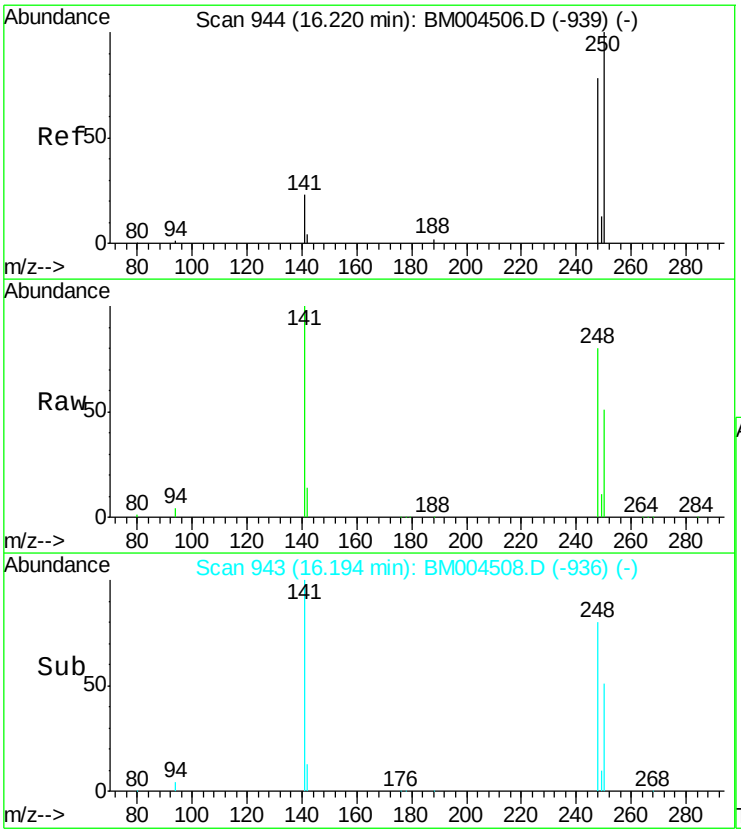
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 95931

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.3	9.5#
80	4.9	5.9	8.9#

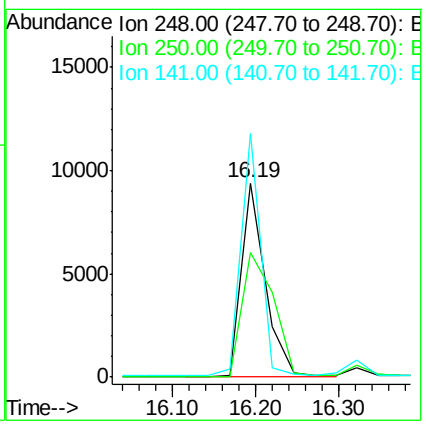


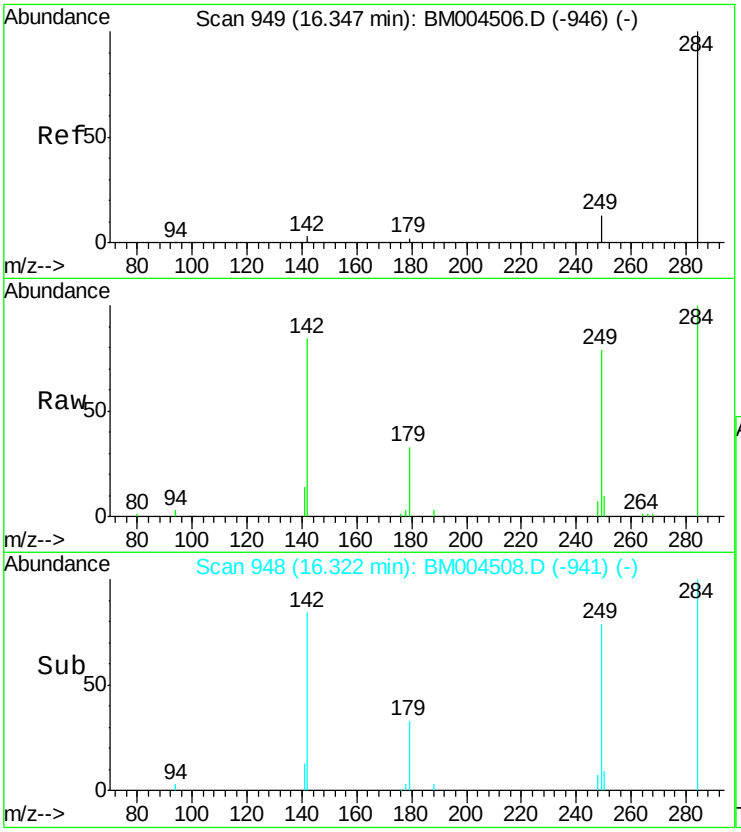


#20
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 16.19 min Scan# 943
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:248 Resp: 18332

Ion	Ratio	Lower	Upper
248	100		
250	86.2	85.8	128.8
141	105.3	0.0	0.0#



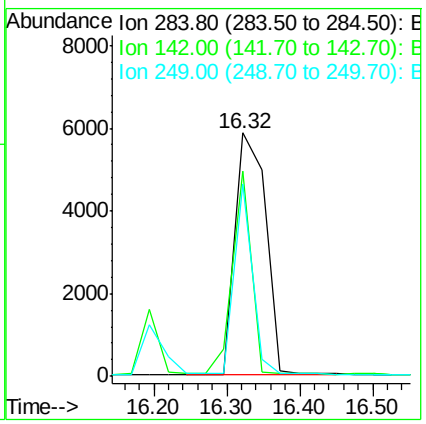


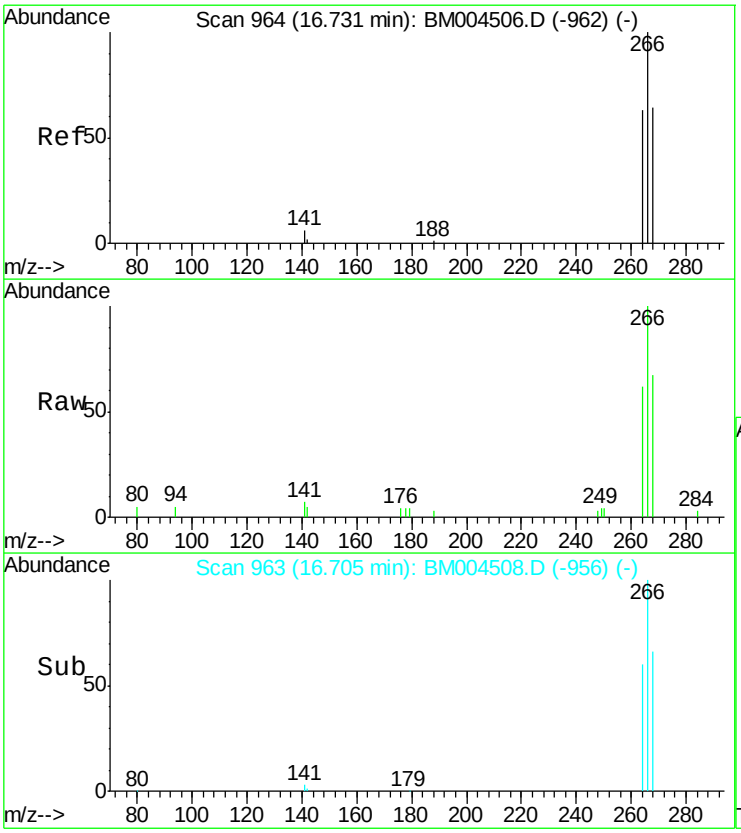
#21
Hexachlorobenzene
Concen: 3.75 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 16744

Ion	Ratio	Lower	Upper
284	100		
142	51.3	0.0	0.0#
249	45.9	0.0	0.0#

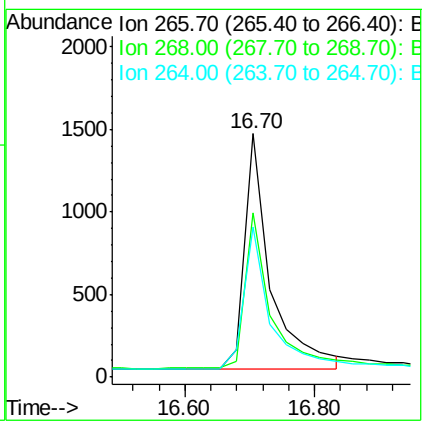


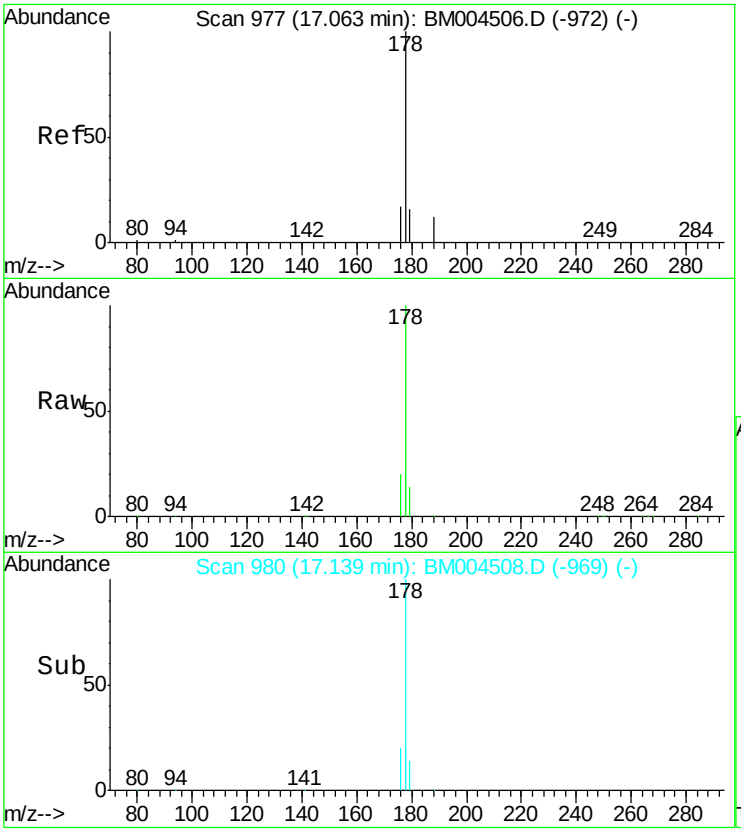


#22
Pentachlorophenol
Concen: 7.88 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:266 Resp: 3967

Ion	Ratio	Lower	Upper
266	100		
268	67.5	63.0	94.6
264	61.6	59.6	89.4



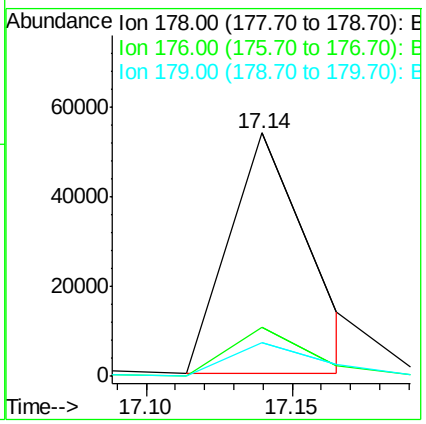


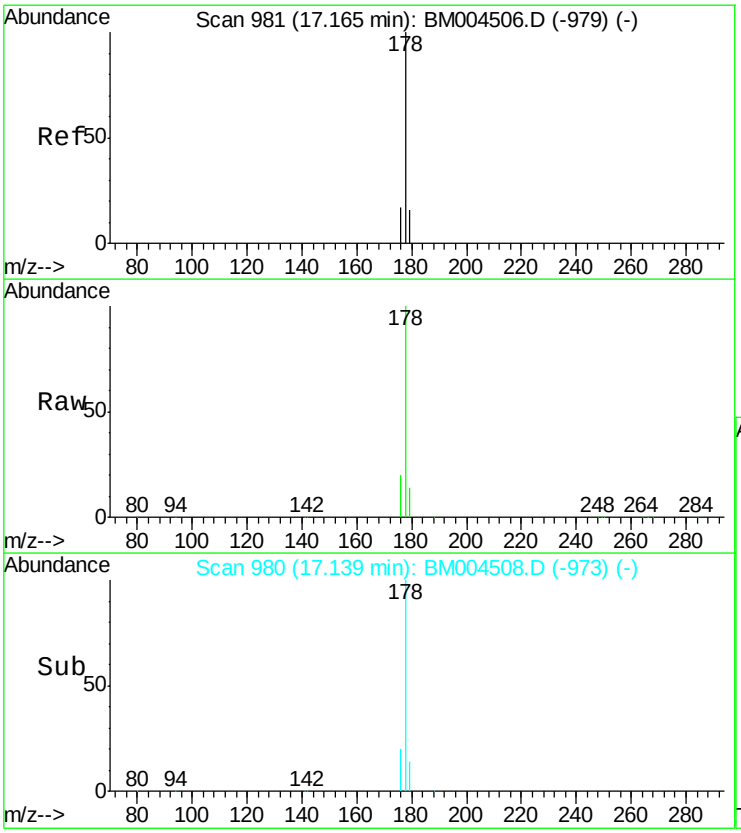
#23
Phenanthrene
Concen: 4.12 ng
RT: 17.14 min Scan# 980
Delta R.T. 0.08 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 103303

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	14.5	12.8	19.2

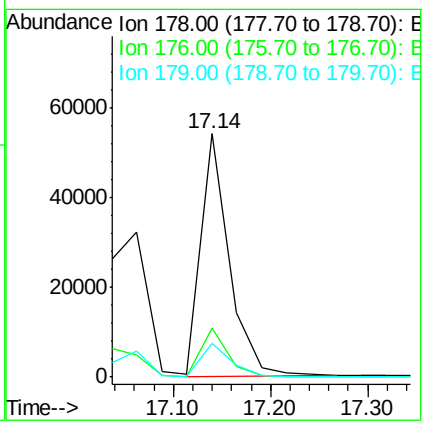


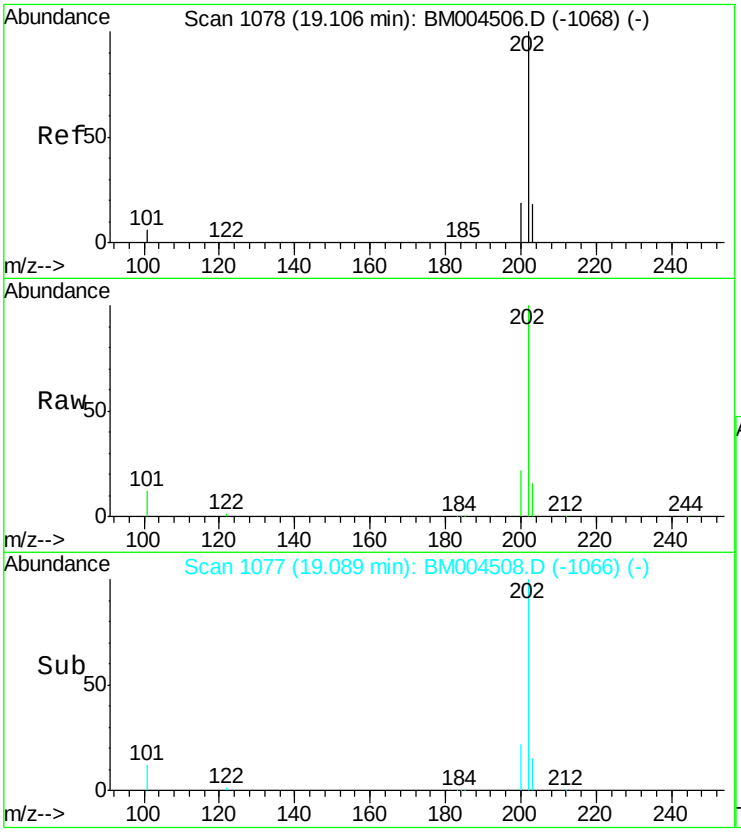


#24
Anthracene
Concen: 5.31 ng
RT: 17.14 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:178 Resp: 108322

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	14.4	12.2	18.4



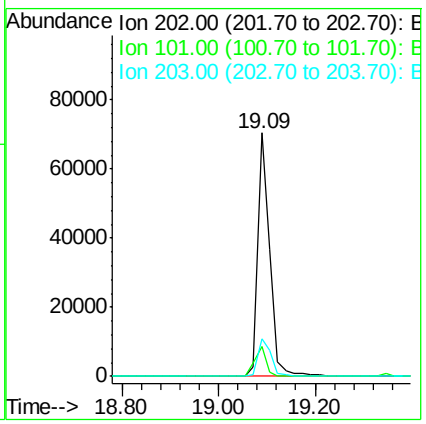


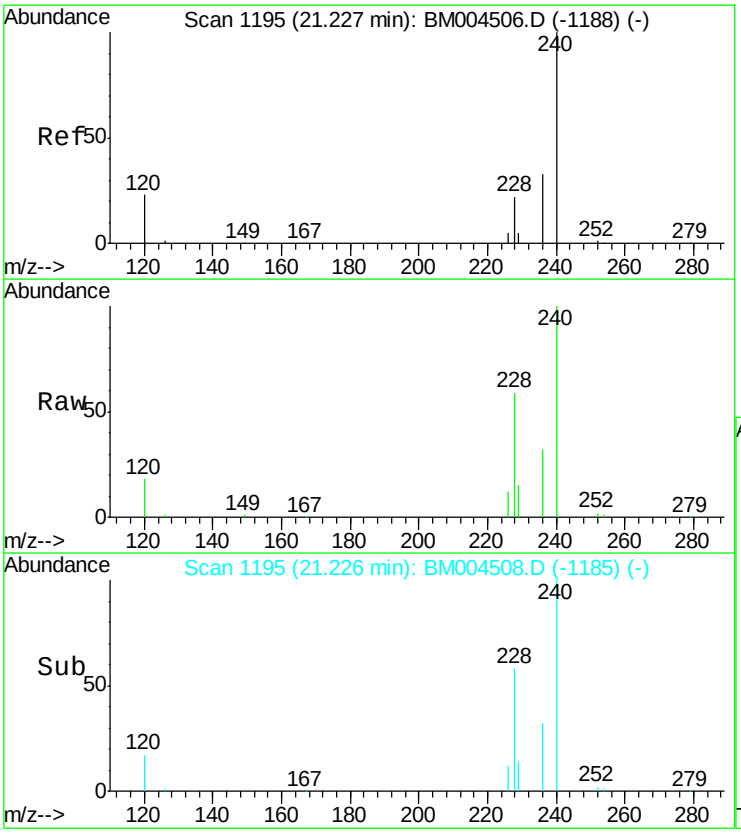
#25
Fluoranthene
Concen: 3.73 ng
RT: 19.09 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 121487

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.2	13.8	20.8

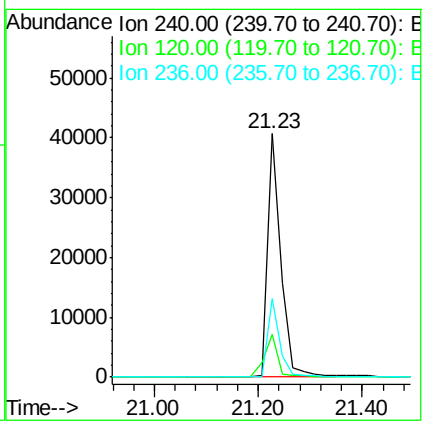


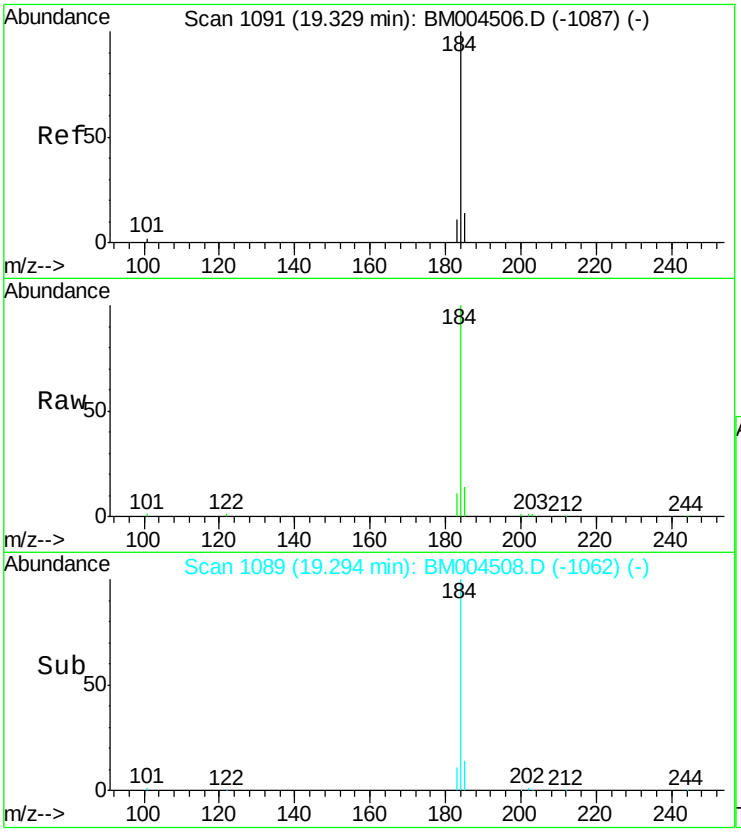


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:240 Resp: 73752

Ion	Ratio	Lower	Upper
240	100		
120	17.5	18.9	28.3#
236	32.1	26.4	39.6



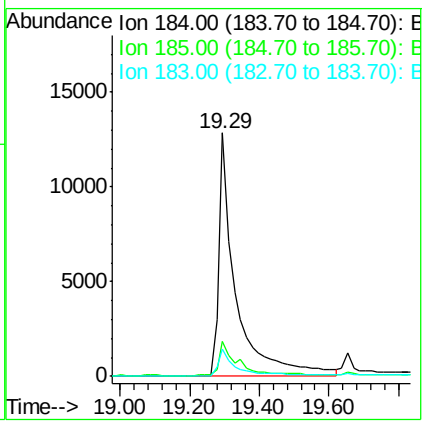


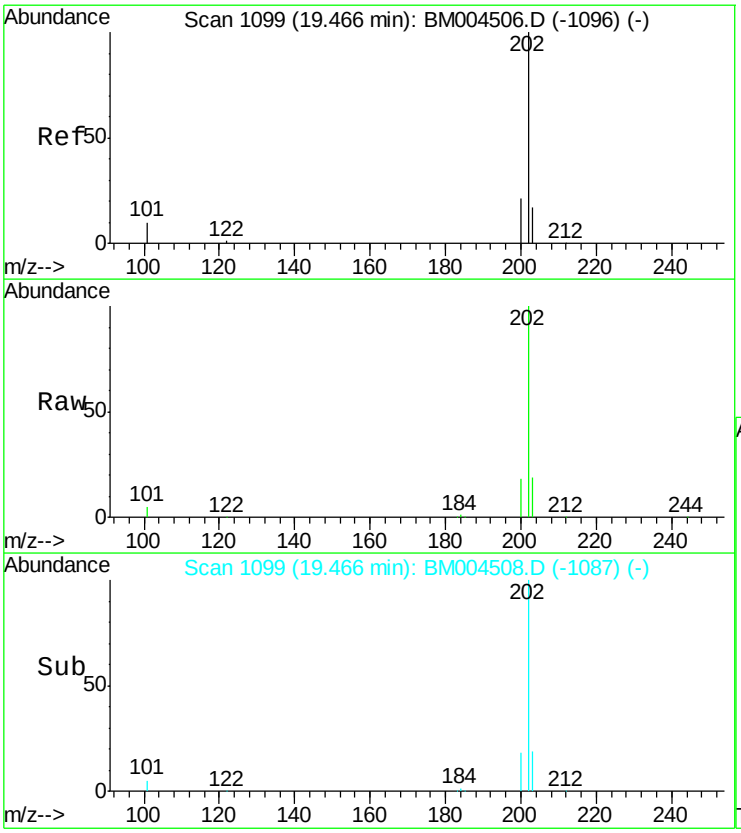
#27
Benzidine
Concen: 8.34 ng
RT: 19.29 min Scan# 1089
Delta R.T. -0.03 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 42930

Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.0	22.4#
183	11.4	12.6	19.0#

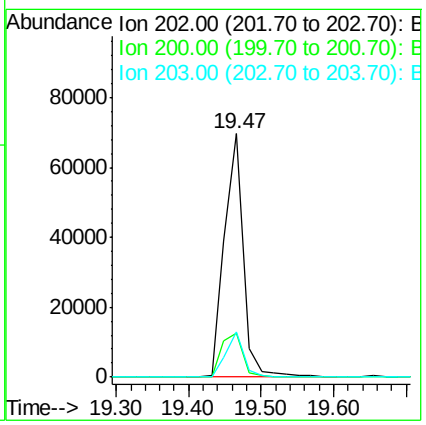


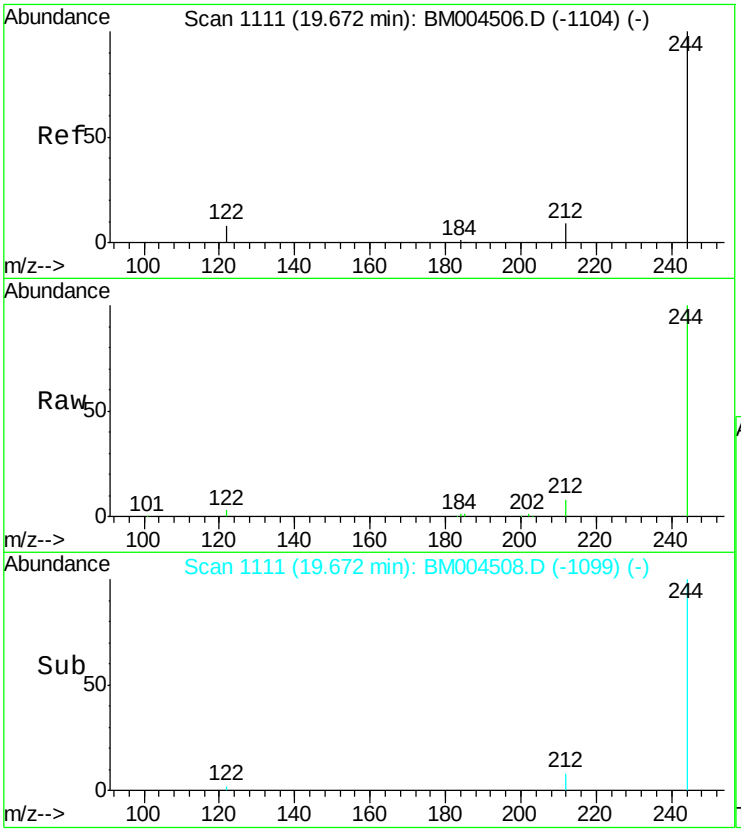


#28
Pyrene
Concen: 4.13 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:202 Resp: 124076

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	13.7	20.5



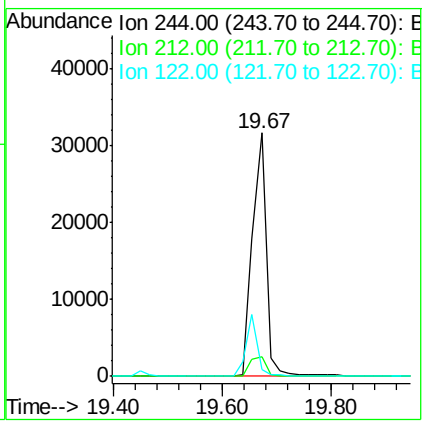


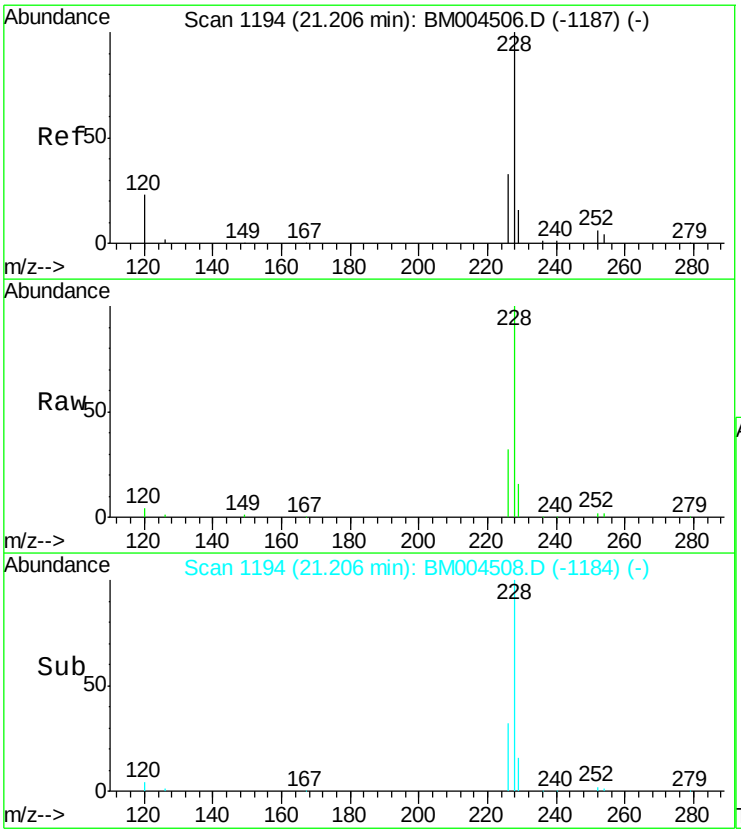
#29
Terphenyl-d14
Concen: 3.61 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 55398

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.8	11.6
122	2.7	7.0	10.4#

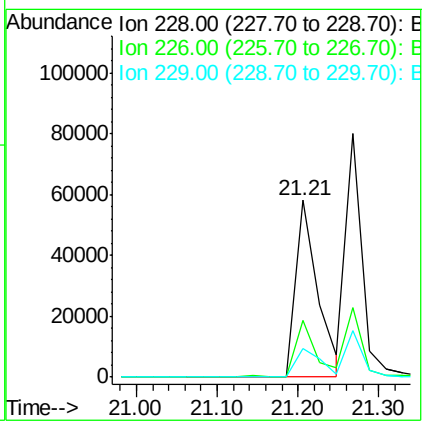


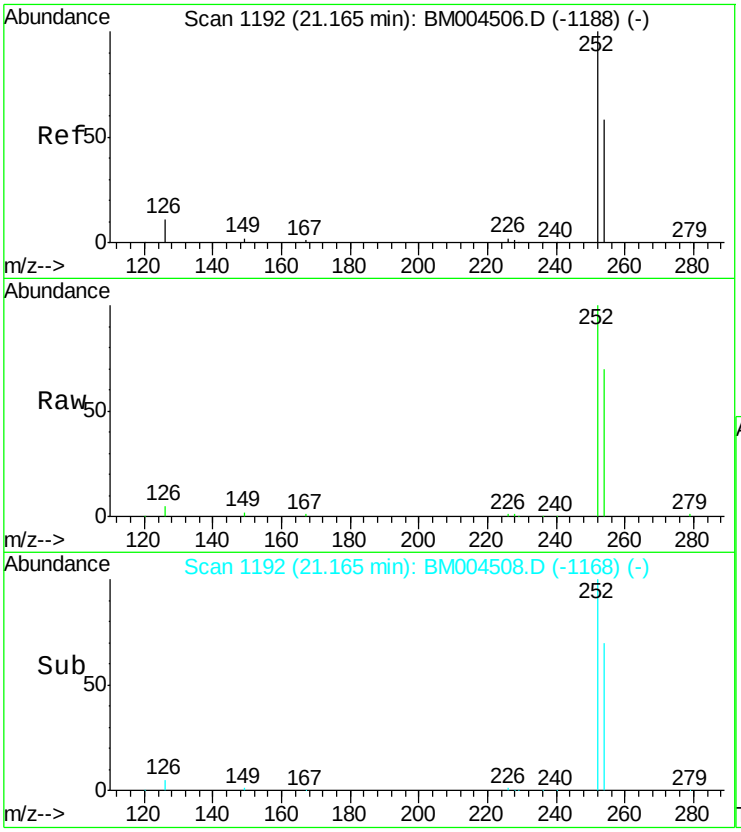


#30
Benzo(a)anthracene
Concen: 4.31 ng
RT: 21.21 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:228 Resp: 109815

Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.0	40.4
229	16.1	13.1	19.7



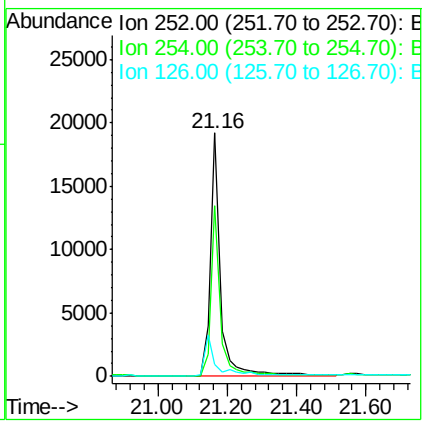


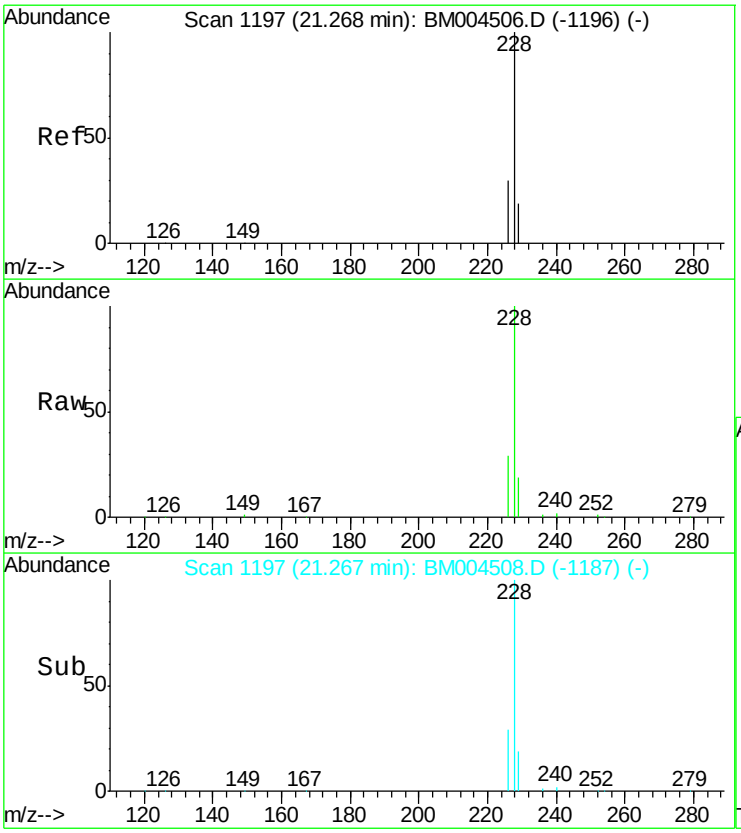
#31
3,3'-Dichlorobenzidine
Concen: 5.53 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 37922

Ion	Ratio	Lower	Upper
252	100		
254	70.3	47.4	71.0
126	4.9	11.0	16.6#

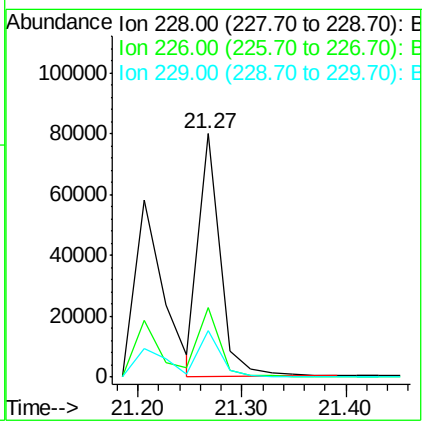


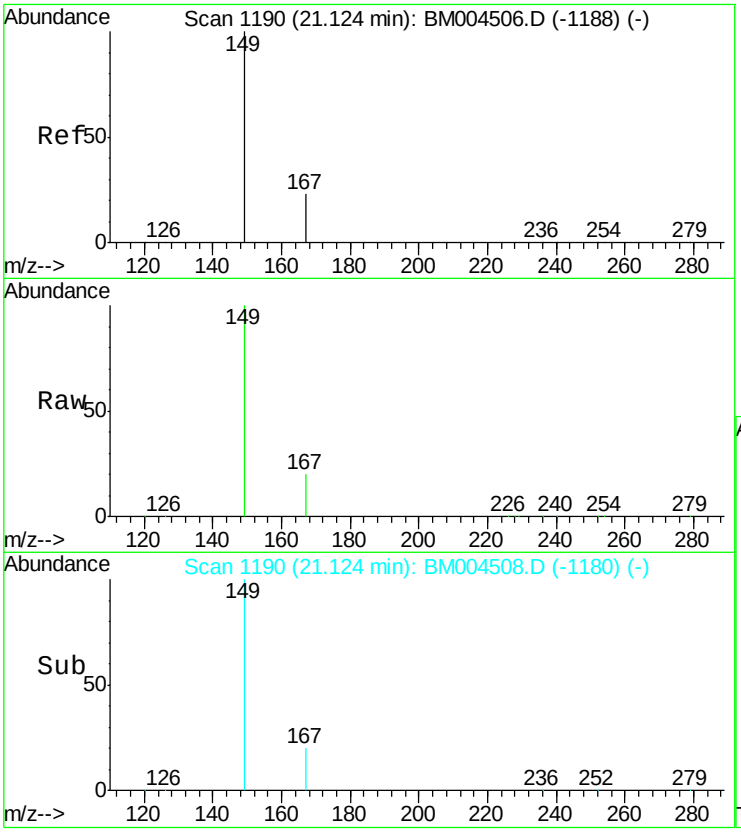


#32
Chrysene
Concen: 3.37 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:228 Resp: 112708

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.6	37.0
229	19.0	15.2	22.8



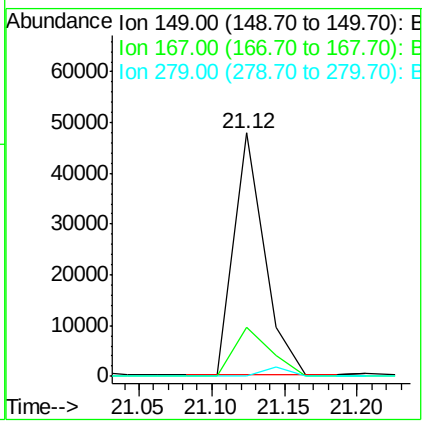


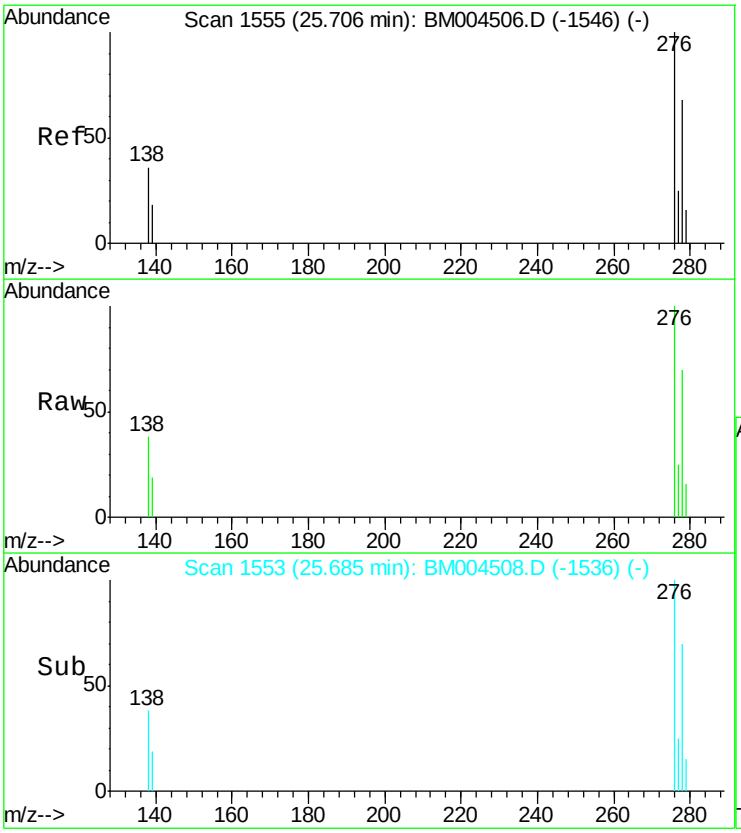
#33
Bis(2-ethylhexyl)phthalate
Concen: 4.66 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 70655

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.2	30.4
279	0.0	0.0	0.0

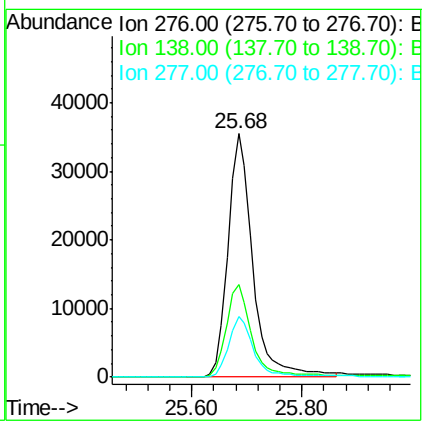


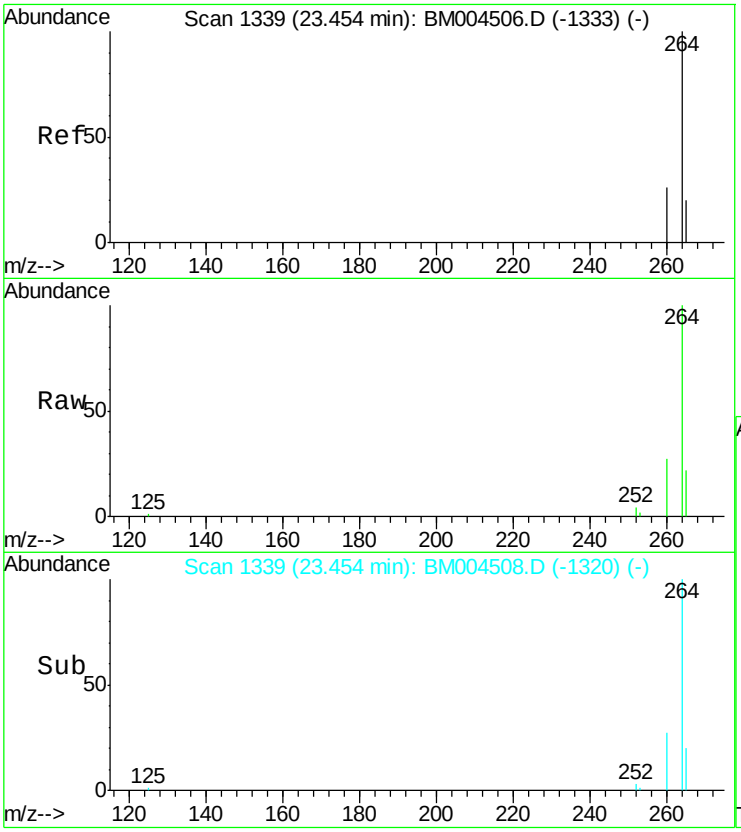


#34
Indeno(1,2,3-cd)pyrene
Concen: 5.16 ng
RT: 25.68 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:276 Resp: 110625

Ion	Ratio	Lower	Upper
276	100		
138	38.8	31.0	46.4
277	25.0	19.9	29.9



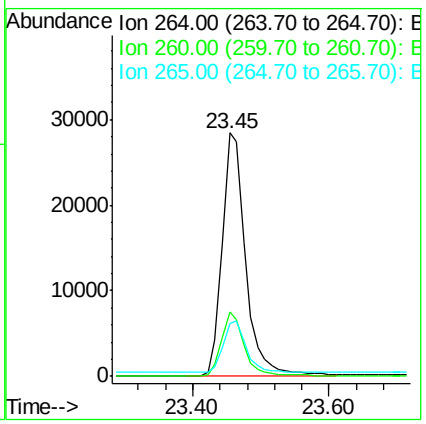


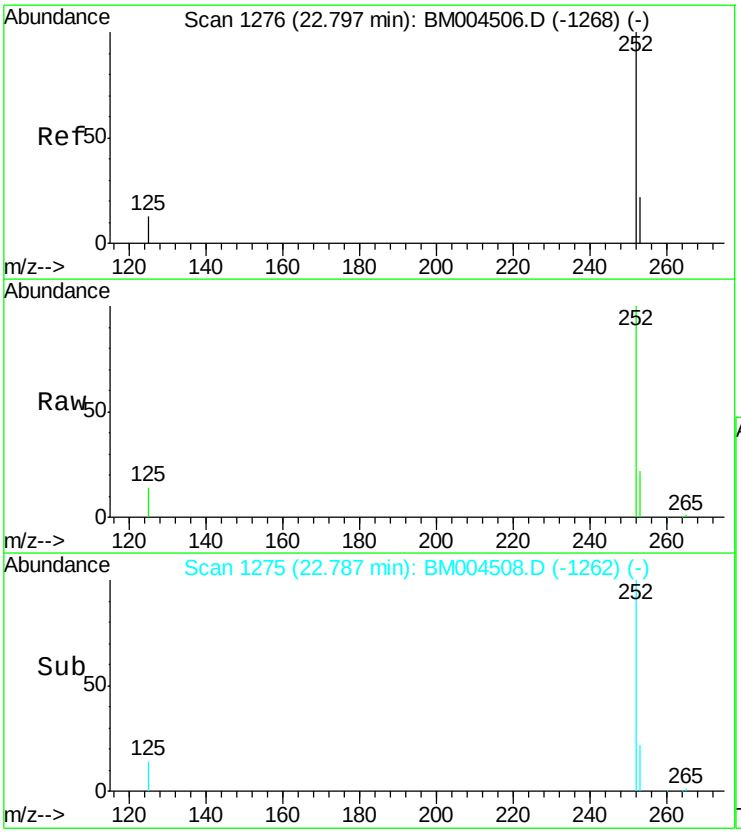
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 67600

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	21.7	17.4	26.0

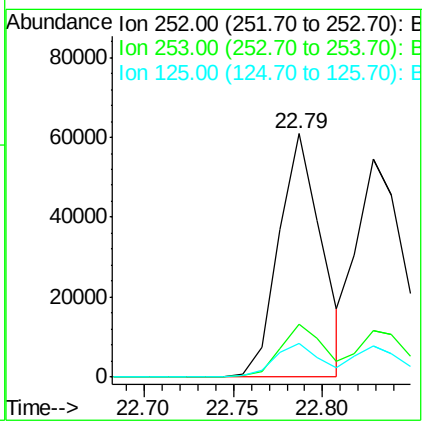


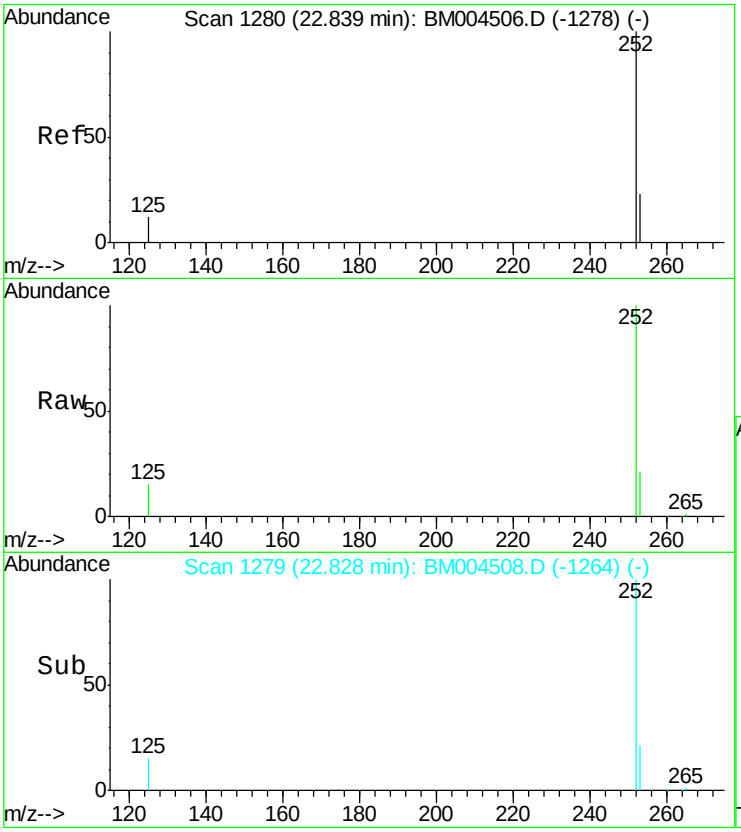


#36
Benzo(b)fluoranthene
Concen: 3.78 ng
RT: 22.79 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:252 Resp: 101210

Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.4
125	14.1	11.7	17.5



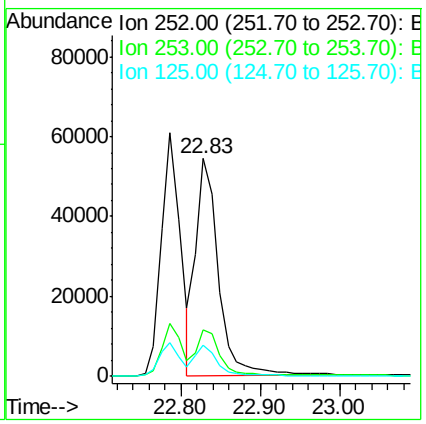


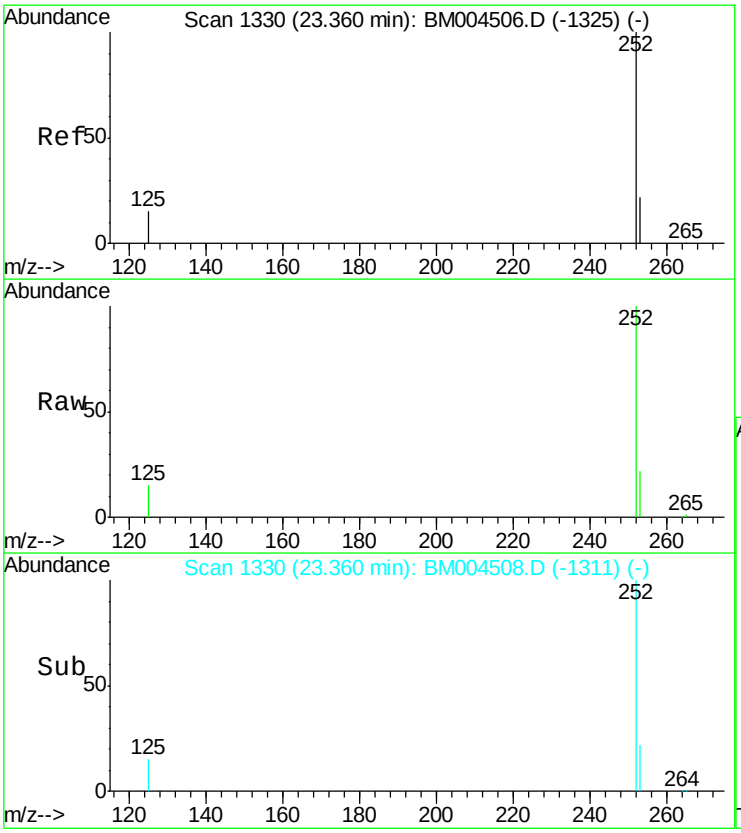
#37
Benzo(k)fluoranthene
Concen: 4.37 ng
RT: 22.83 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 105743

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.9	28.3
125	14.5	11.9	17.9

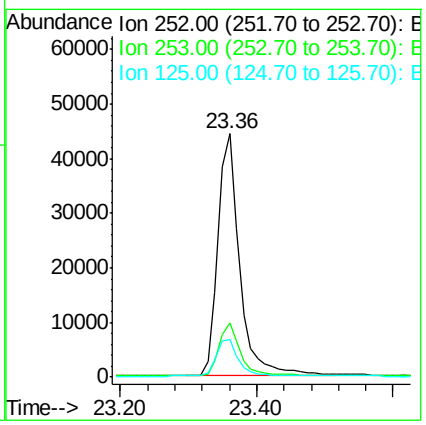


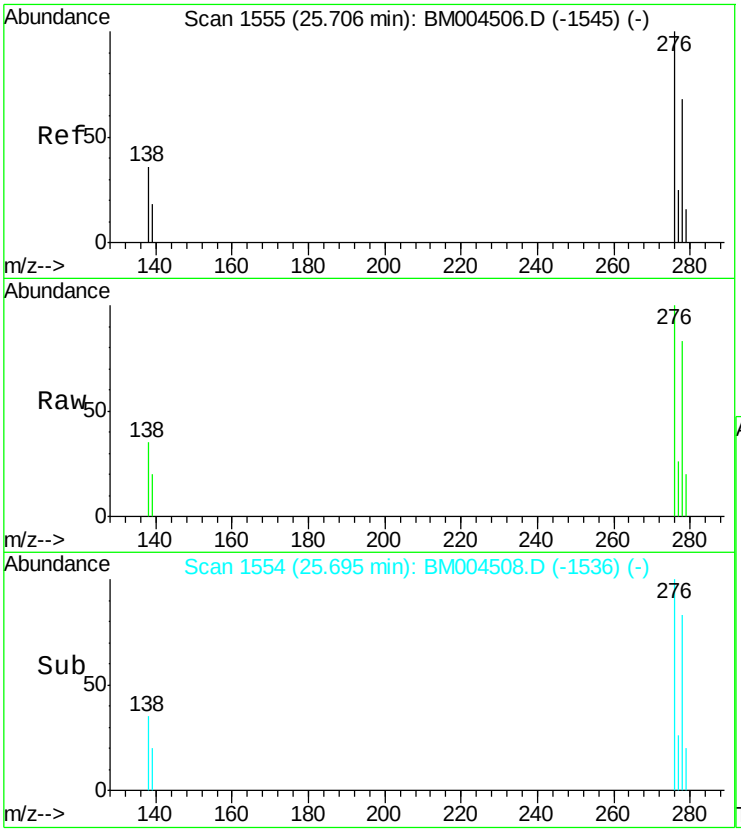


#38
Benzo(a)pyrene
Concen: 4.87 ng
RT: 23.36 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:252 Resp: 98212

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.6
125	15.2	13.7	20.5



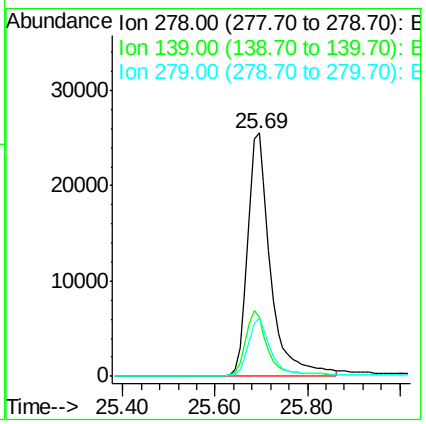


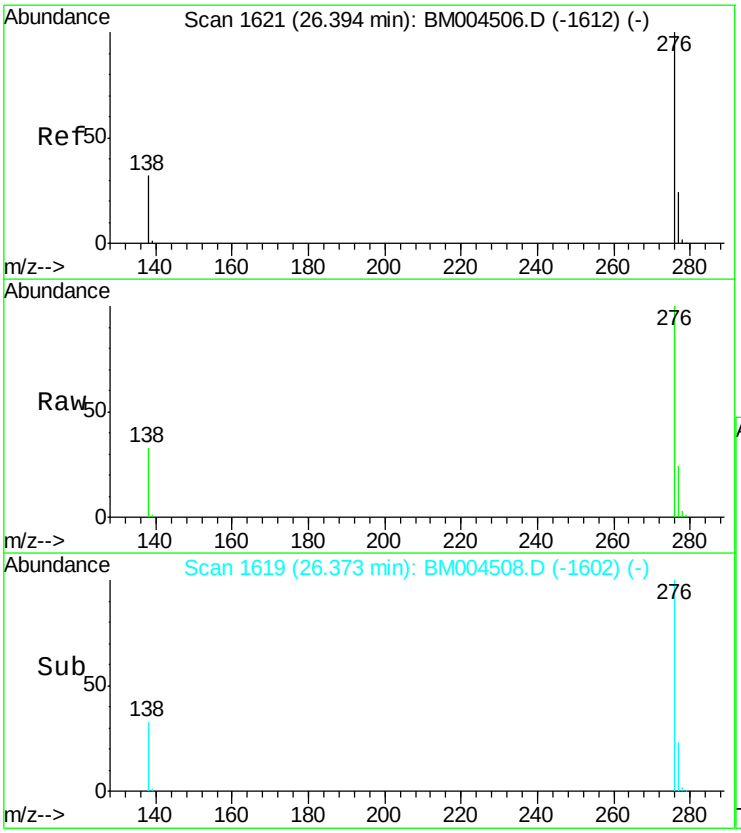
#39
Dibenzo(a,h)anthracene
Concen: 5.40 ng
RT: 25.69 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 87564

Ion	Ratio	Lower	Upper
278	100		
139	24.4	22.6	33.8
279	23.9	20.1	30.1





#40
Benzo(g,h,i)perylene
Concen: 5.06 ng
RT: 26.37 min Scan# 1619
Delta R.T. -0.02 min
Lab File: BM004508.D
Acq: 02 Mar 2016 06:46

Tgt Ion:276 Resp: 94819

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	32.8	26.6	40.0