Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
Data File : BM003308.D
Acq On : 27 Nov 2015 15:32
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Nov 27 16:05:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 15:51:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	70201	5.00	ng		0.00
7) Naphthalene-d8	10.53	136	281434	5.00	ng		0.00
13) Acenaphthene-d10	14.37	164	132629	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	244535	5.00	ng		0.00
26) Chrysene-d12	21.33	240	191654	5.00	ng		0.01
35) Perylene-d12	23.58	264	174502	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	147654	10.75	ng		0.00
5) Phenol-d6	6.90	99	185119	11.94	ng		0.00
8) Nitrobenzene-d5	8.89	82	149929	12.18	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	31548	13.81	ng		0.02
15) 2-Fluorobiphenyl	13.01	172	411774	9.56	ng		0.00
29) Terphenyl-d14	19.76	244	270661	10.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	58992	8.45	ng		98
3) n-Nitrosodimethylamine	3.54	42	67541	10.41	ng		96
6) bis(2-Chloroethyl)ether	7.16	93	160689	9.89	ng		99
9) Nitrobenzene	8.93	77	168992	12.71	ng		95
10) Naphthalene	10.56	128	581526	9.49	ng		99
11) Hexachlorobutadiene	10.87	225	87780	8.95	ng		97
12) 2-Methylnaphthalene	12.19	142	385514	10.11	ng		90
16) Acenaphthylene	14.08	152	585732	12.42	ng		99
17) Acenaphthene	14.44	154	363950	9.66	ng	#	100
18) Fluorene	15.44	166	393315	10.45	ng		95
20) 4-Bromophenyl-phenylether	16.32	248	96524	11.88	ng	#	33
21) Hexachlorobenzene	16.45	284	88206	10.31	ng	#	51
22) Pentachlorophenol	16.78	266	50659	17.32	ng		86
23) Phenanthrene	17.16	178	569410	10.19	ng		96
24) Anthracene	17.24	178	508303	11.33	ng		95
25) Fluoranthene	19.19	202	573990	10.91	ng		99
27) Benzidine	19.38	184	168092	21.97	ng		96
28) Pyrene	19.55	202	612935	10.52	ng		100
30) Benzo(a)anthracene	21.31	228	509434	10.55	ng		99
31) 3,3'-Dichlorobenzidine	21.25	252	180962	19.53	ng	#	100
32) Chrysene	21.31	228	509433	8.67	ng	#	85
33) Bis(2-ethylhexyl)phthalate	21.23	149	299439	16.15	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.85	276	527722	12.15	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	541580	11.12	ng		99
37) Benzo(k)fluoranthene	22.95	252	466695	9.55	ng		99
38) Benzo(a)pyrene	23.48	252	464332	11.88	ng		96
39) Dibenzo(a,h)anthracene	25.88	278	420272	12.53	ng		98
40) Benzo(g,h,i)perylene	26.55	276	444190	10.79	ng	#	93

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

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Acq On : 27 Nov 2015 15:32
Operator : UM/IZ
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Misc :
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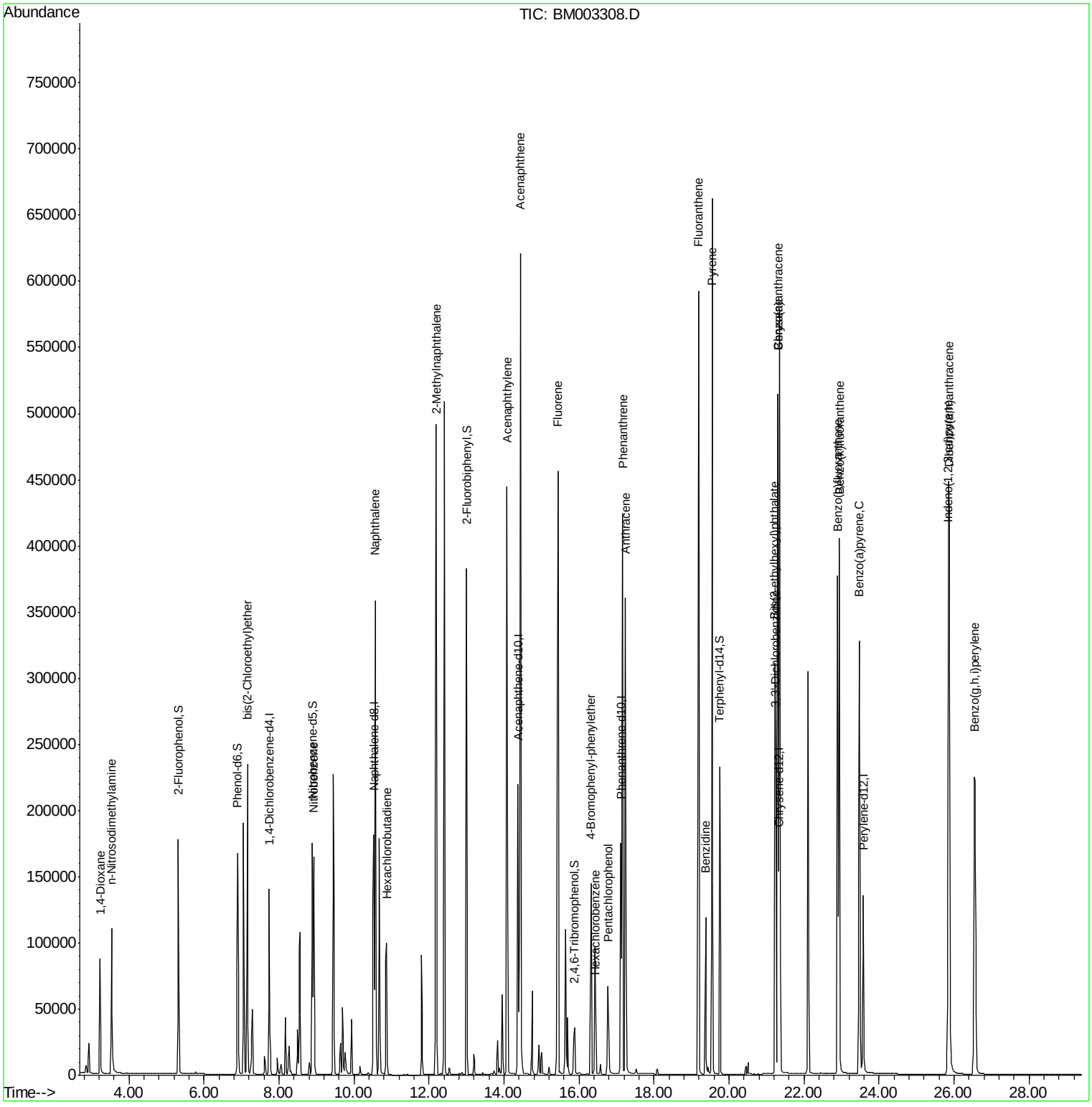
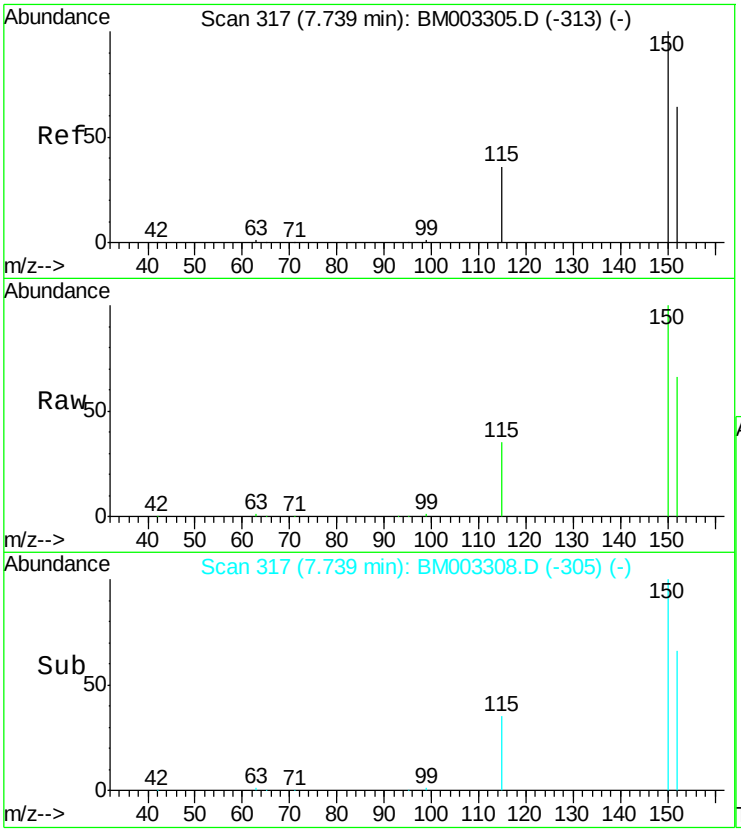
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Nov 27 16:05:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 15:51:46 2015
Response via : Initial Calibration



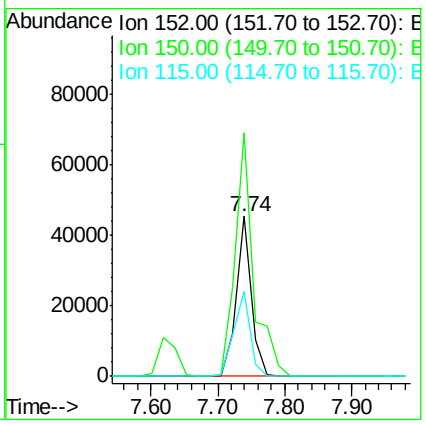


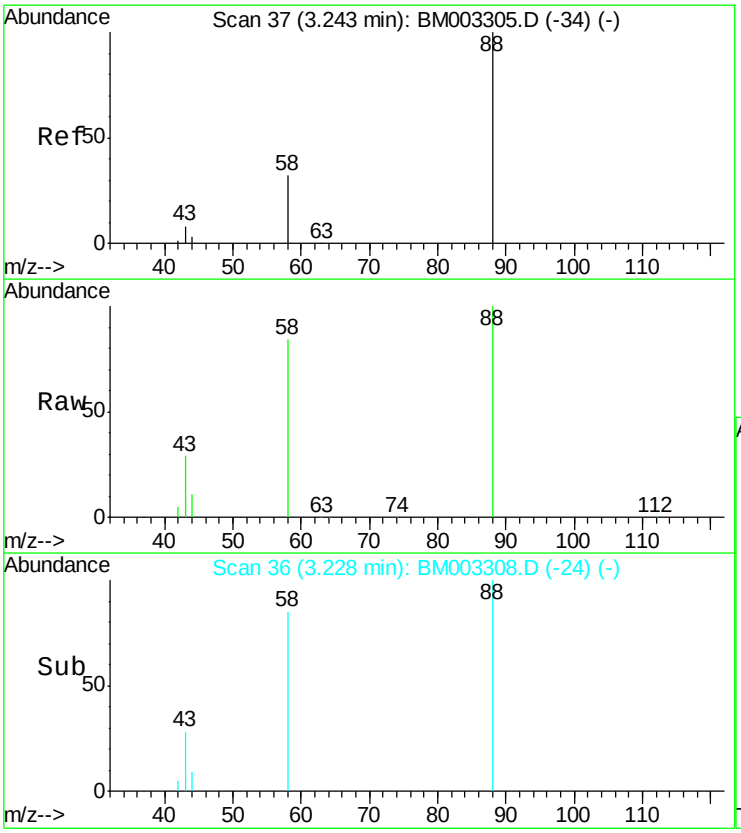
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 70201

Ion	Ratio	Lower	Upper
152	100		
150	151.8	143.6	215.4
115	52.8	58.5	87.7#

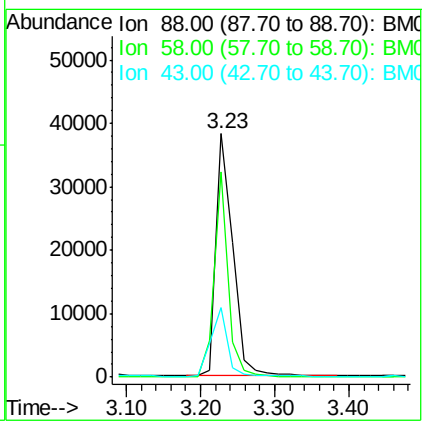


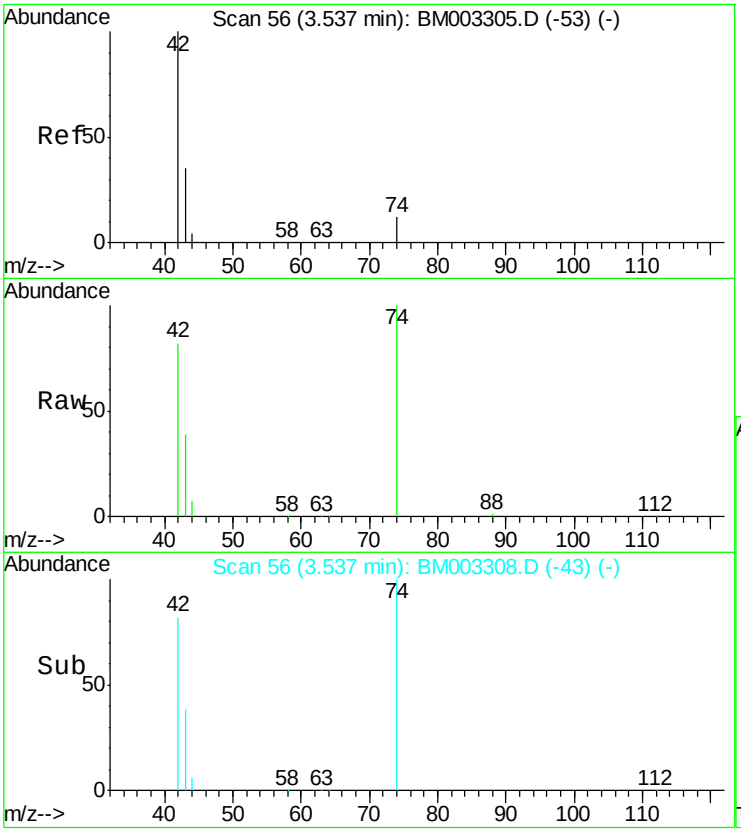


#2
1,4-Dioxane
Concen: 8.45 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion: 88 Resp: 58992

Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.2	82.8
43	28.2	21.8	32.6



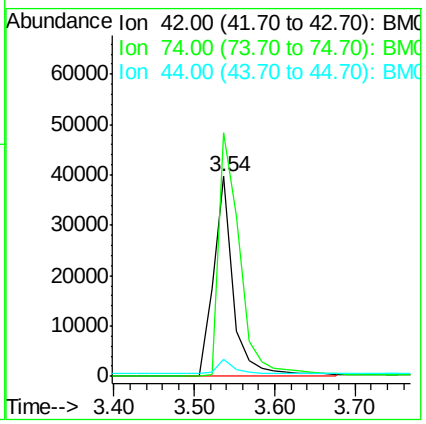


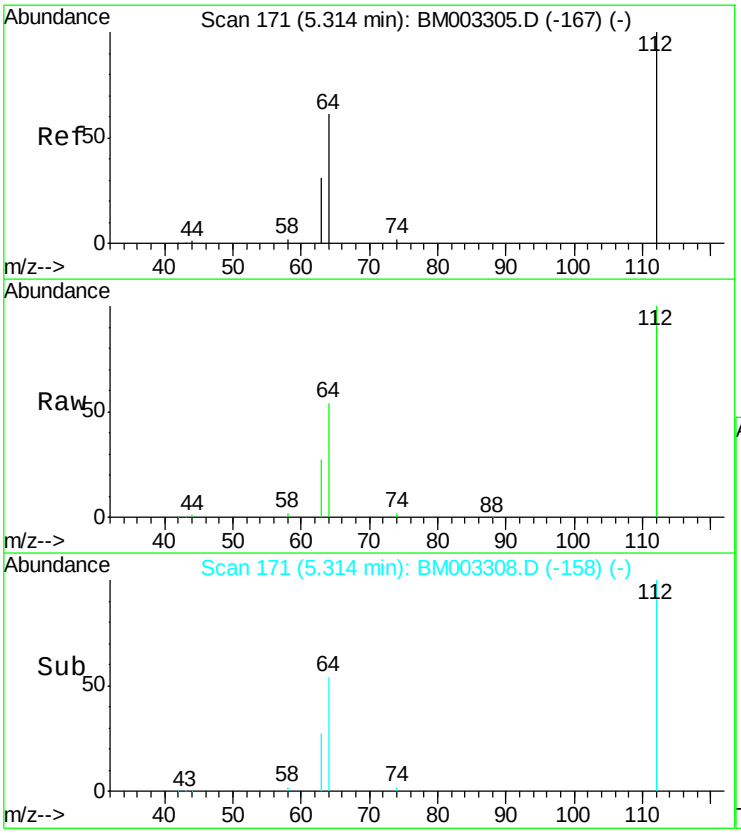
#3
n-Nitrosodimethylamine
Concen: 10.41 ng
RT: 3.54 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 67541

Ion	Ratio	Lower	Upper
42	100		
74	131.2	101.0	151.4
44	6.4	6.3	9.5

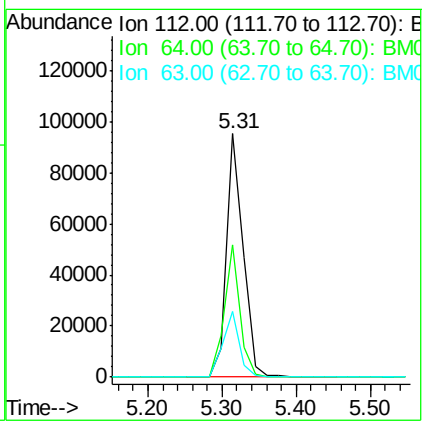


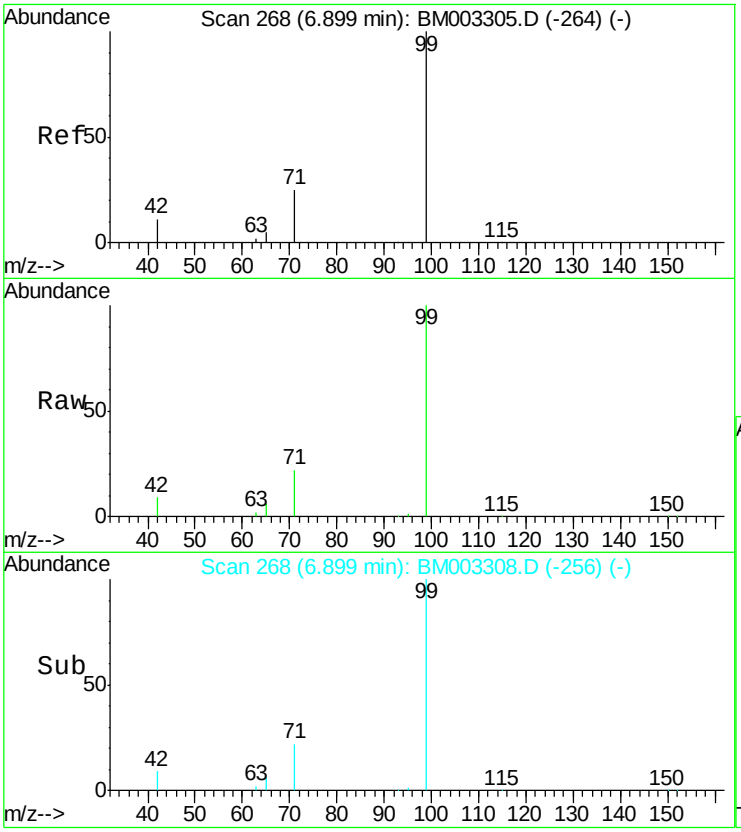


#4
2-Fluorophenol
Concen: 10.75 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:112 Resp: 147654

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.6	21.2	31.8



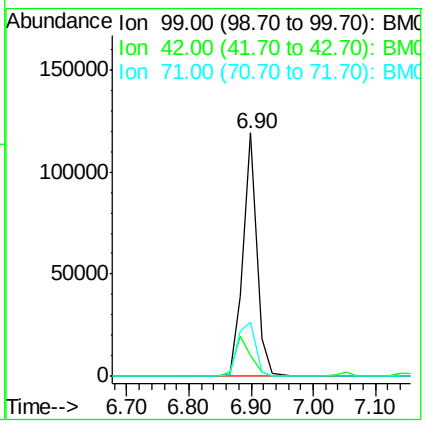


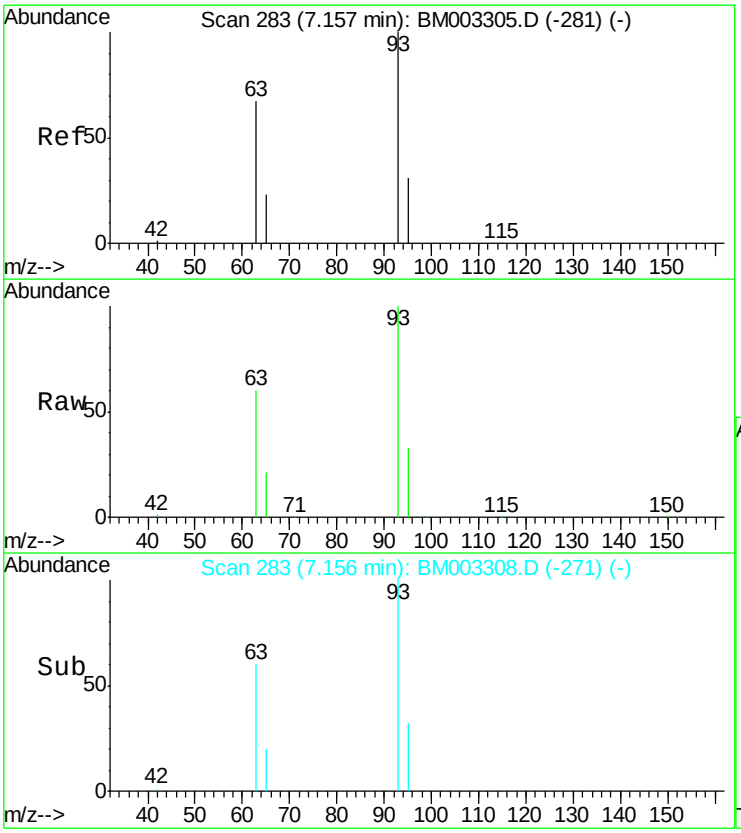
#5
Phenol-d6
Concen: 11.94 ng
RT: 6.90 min Scan# 268
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 185119

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	29.0	23.3	34.9

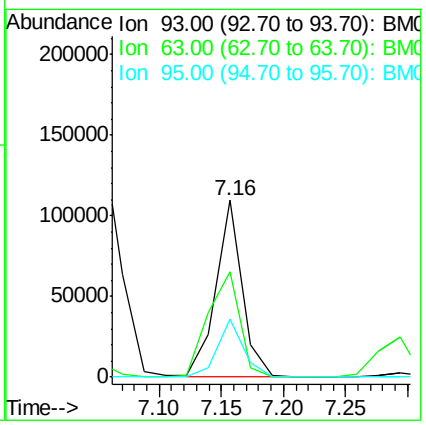


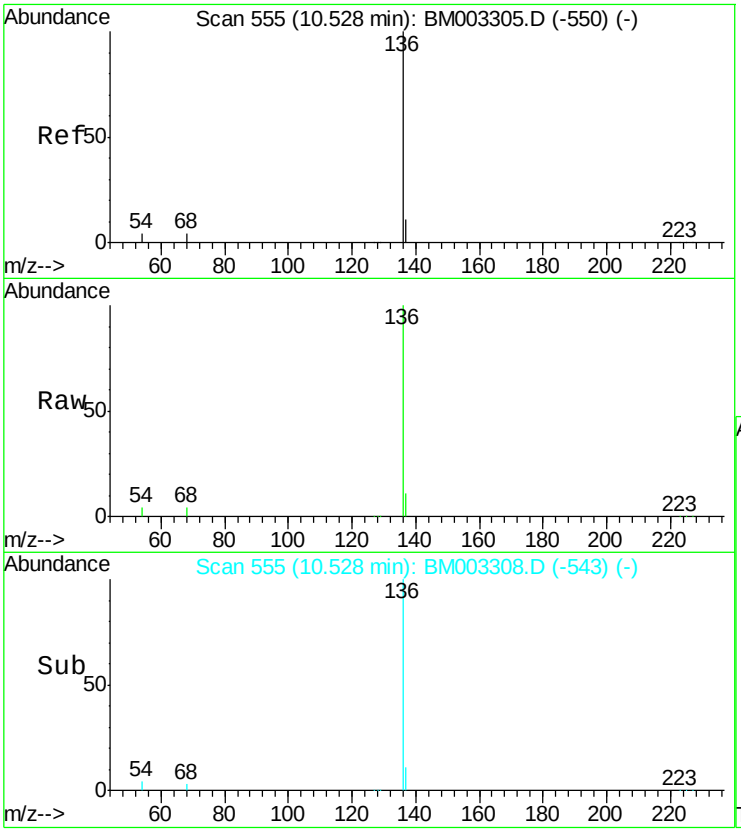


#6
bis(2-Chloroethyl)ether
Concen: 9.89 ng
RT: 7.16 min Scan# 283
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion: 93 Resp: 160689

Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.2	87.4
95	32.6	26.2	39.4



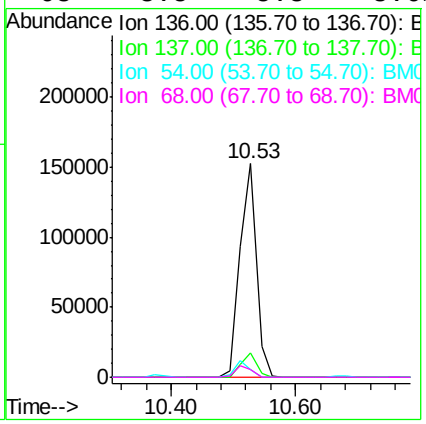


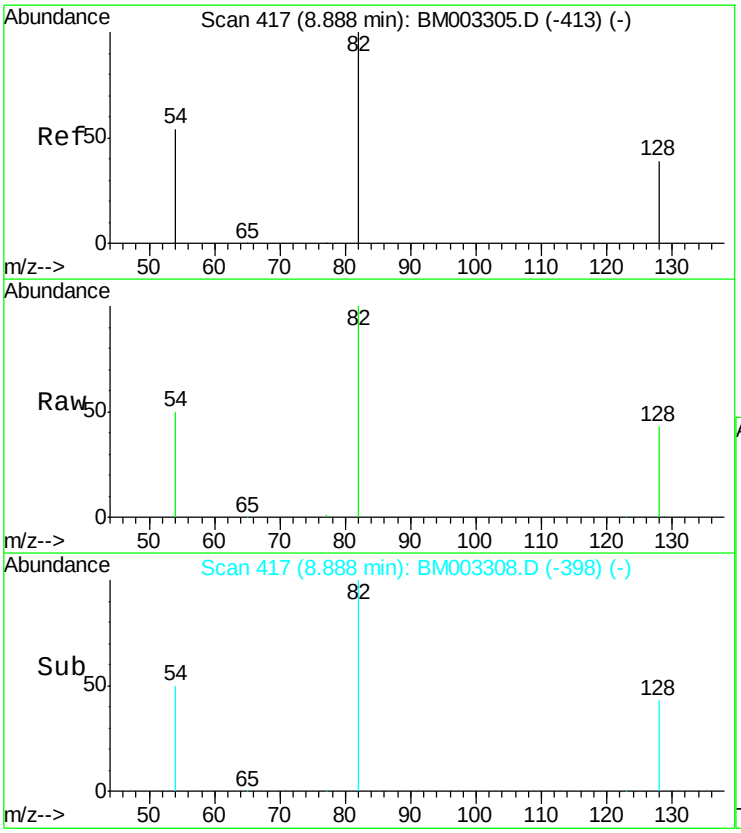
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 281434

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.0	12.0
54	3.9	7.4	11.0#
68	3.5	5.8	8.6#

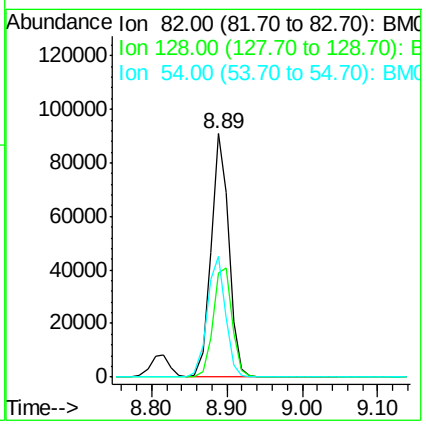


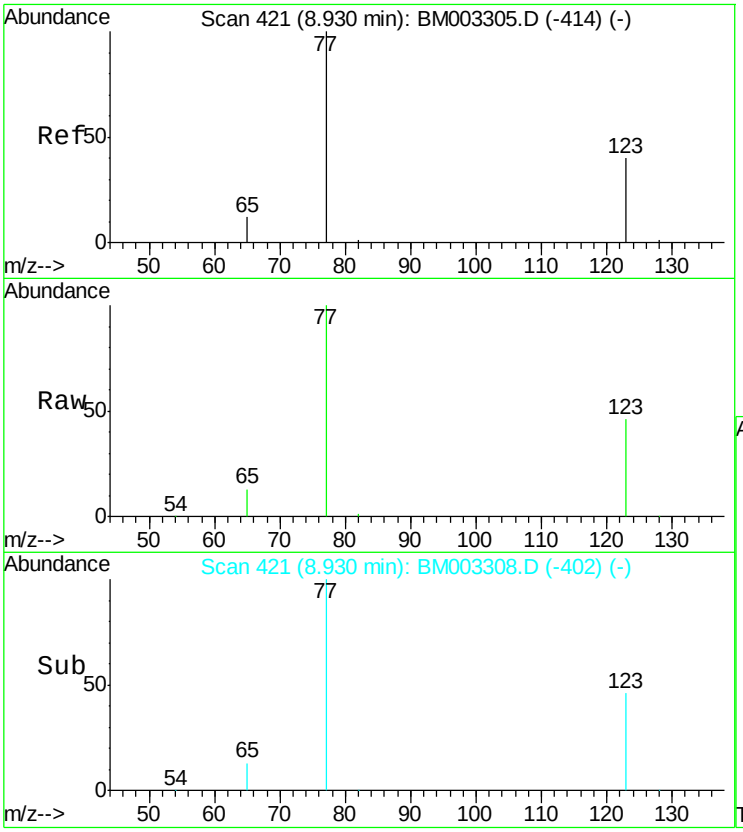


#8
Nitrobenzene-d5
Concen: 12.18 ng
RT: 8.89 min Scan# 417
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion: 82 Resp: 149929

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	49.7	36.4	54.6



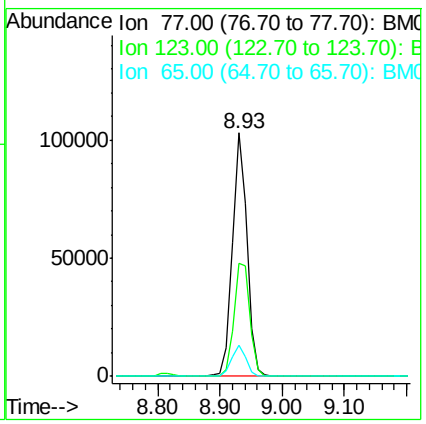


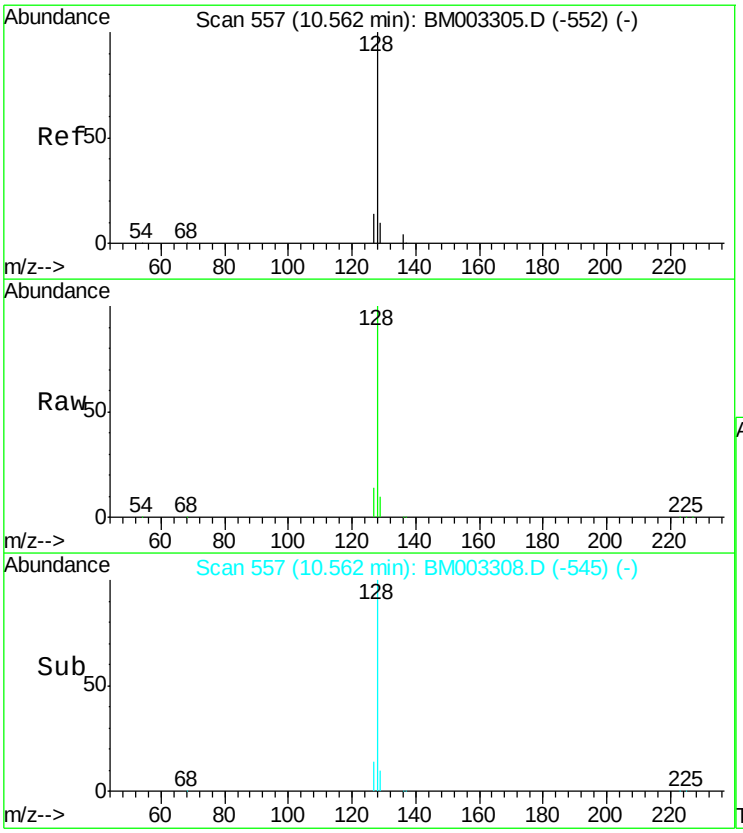
#9
Nitrobenzene
Concen: 12.71 ng
RT: 8.93 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 168992

Ion	Ratio	Lower	Upper
77	100		
123	50.9	37.7	56.5
65	12.8	9.8	14.6

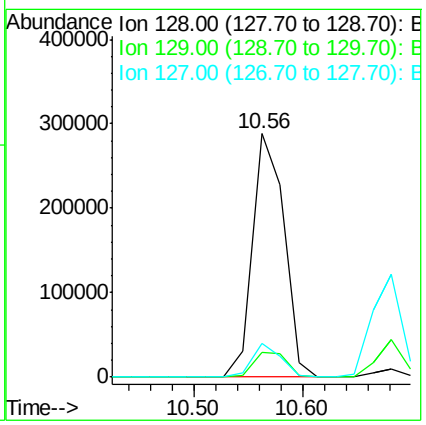


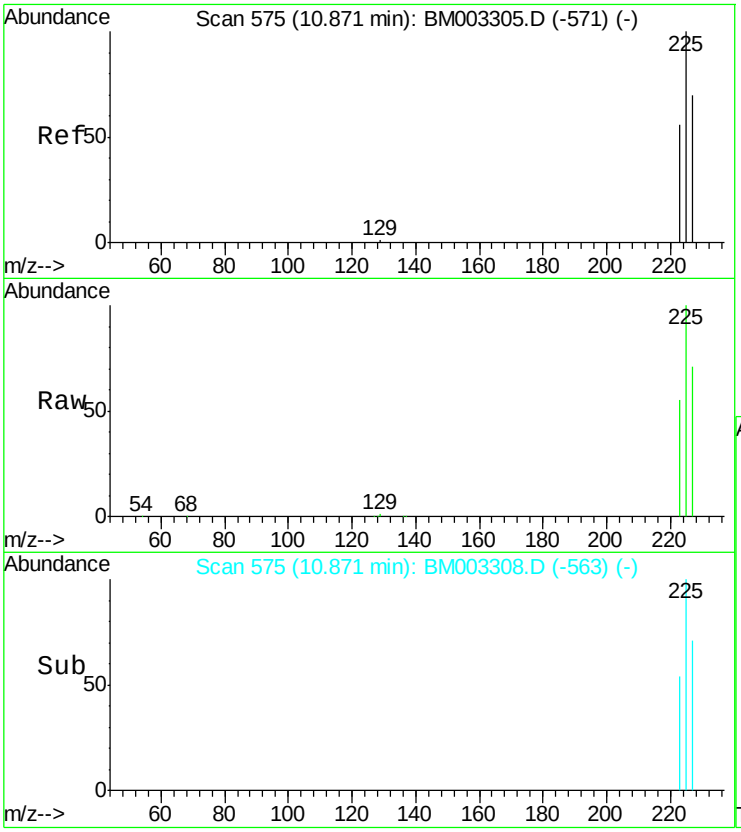


#10
Naphthalene
Concen: 9.49 ng
RT: 10.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:128 Resp: 581526

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.5	12.7
127	13.9	10.6	16.0



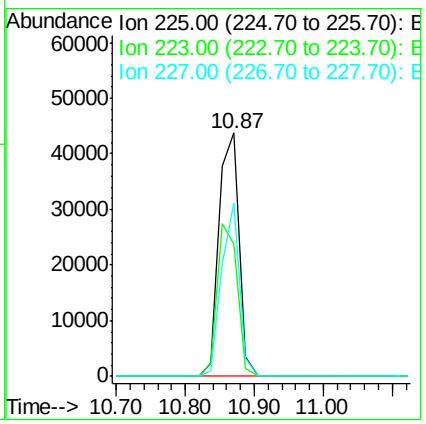


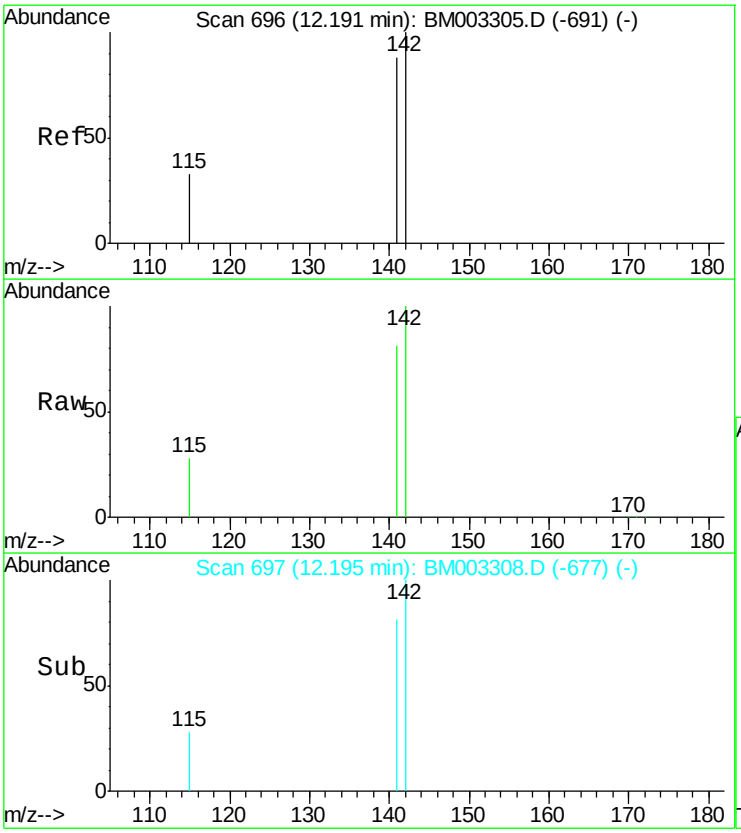
#11
Hexachlorobutadiene
Concen: 8.95 ng
RT: 10.87 min Scan# 575
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 87780

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.4
227	64.0	52.2	78.4

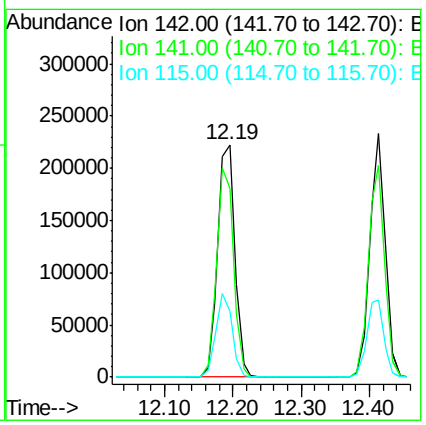


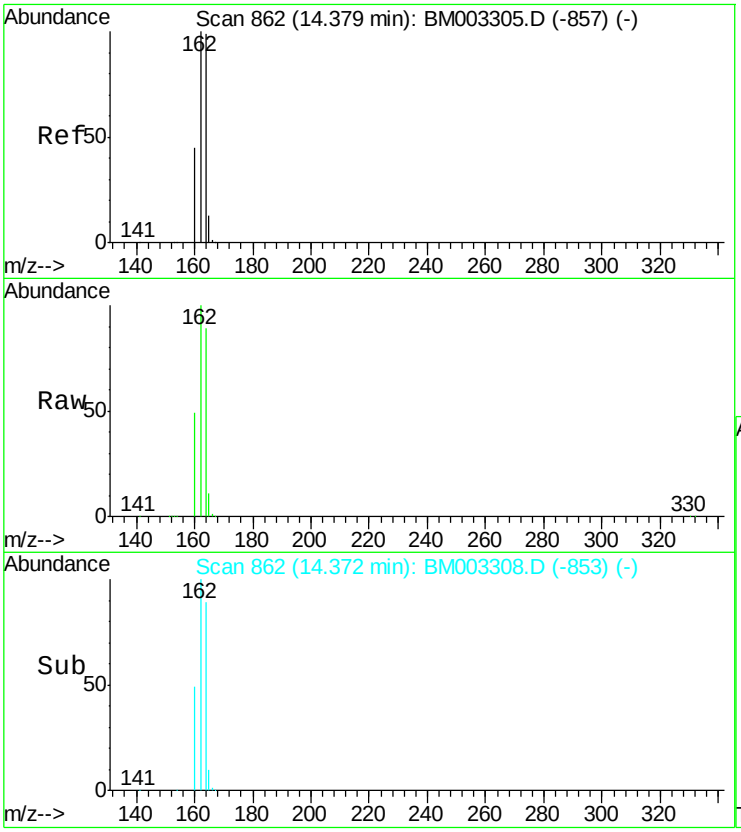


#12
2-Methylnaphthalene
Concen: 10.11 ng
RT: 12.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:142 Resp: 385514

Ion	Ratio	Lower	Upper
142	100		
141	81.3	72.2	108.2
115	28.1	28.0	42.0



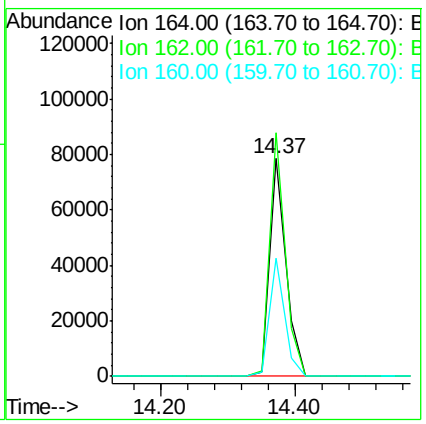


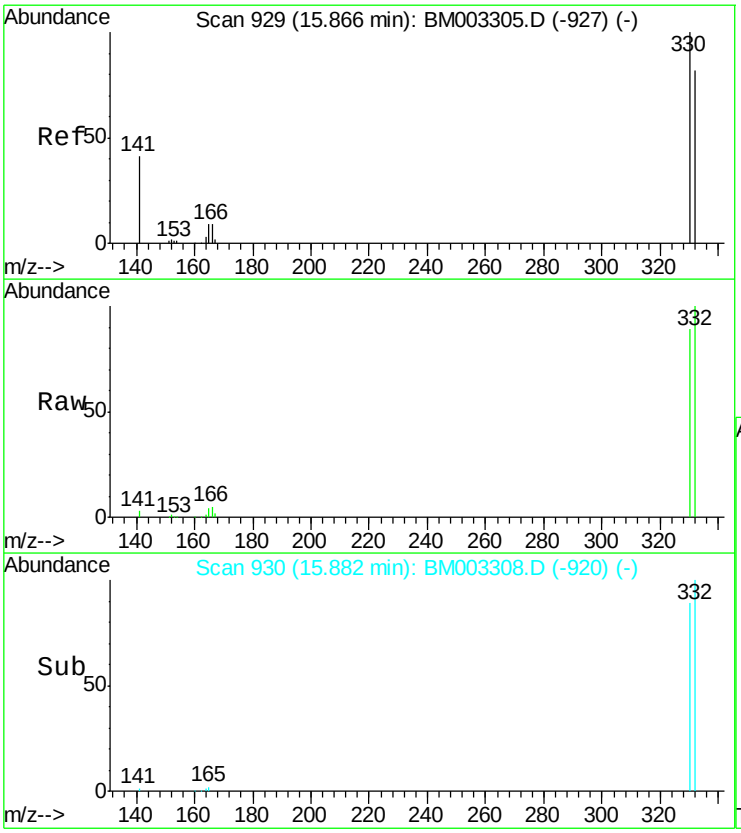
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 132629

Ion	Ratio	Lower	Upper
164	100		
162	111.9	78.3	117.5
160	54.6	33.8	50.6#

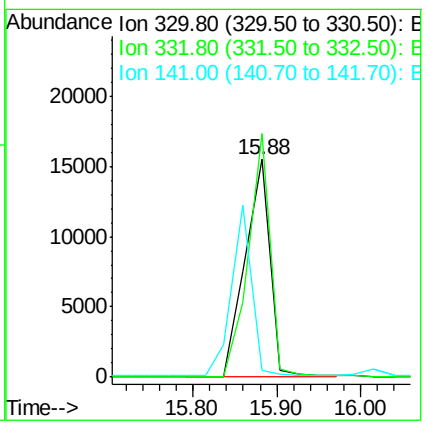


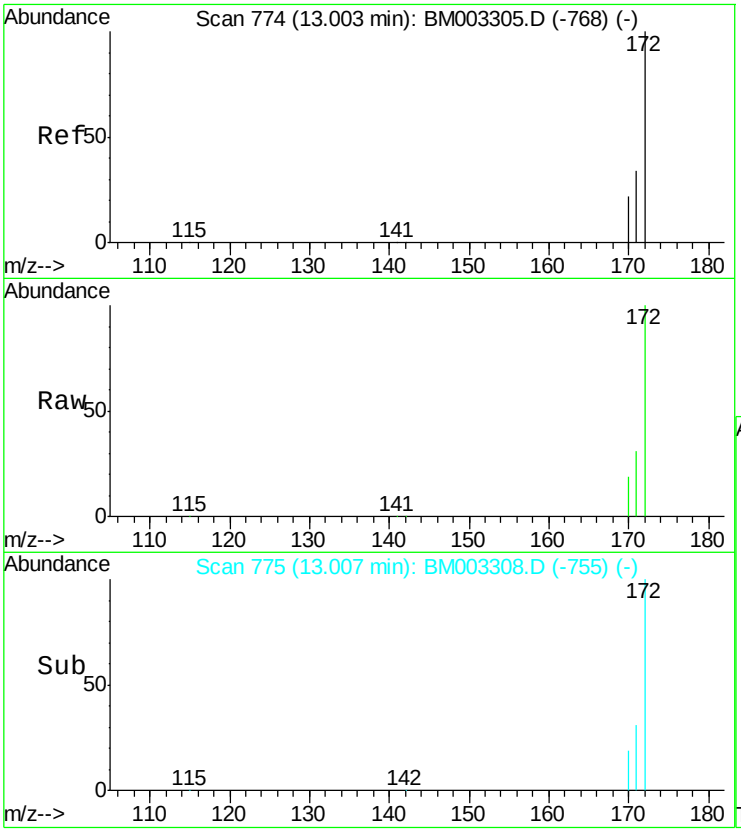


#14
2,4,6-Tribromophenol
Concen: 13.81 ng
RT: 15.88 min Scan# 930
Delta R.T. 0.02 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:330 Resp: 31548

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.0	114.0
141	0.0	0.0	0.0



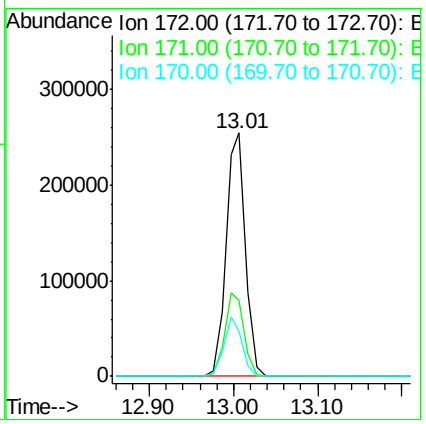


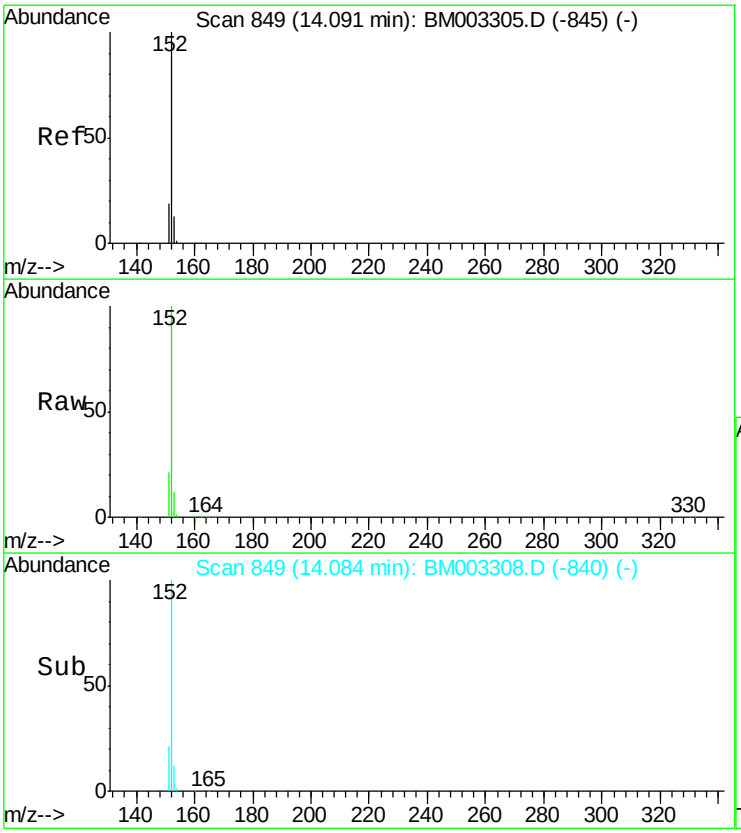
#15
2-Fluorobiphenyl
Concen: 9.56 ng
RT: 13.01 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 411774

Ion	Ratio	Lower	Upper
172	100		
171	31.0	28.0	42.0
170	18.8	18.9	28.3#

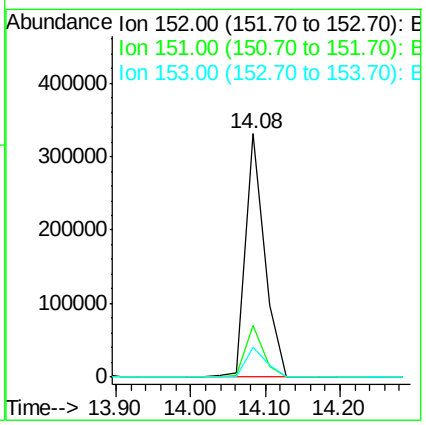


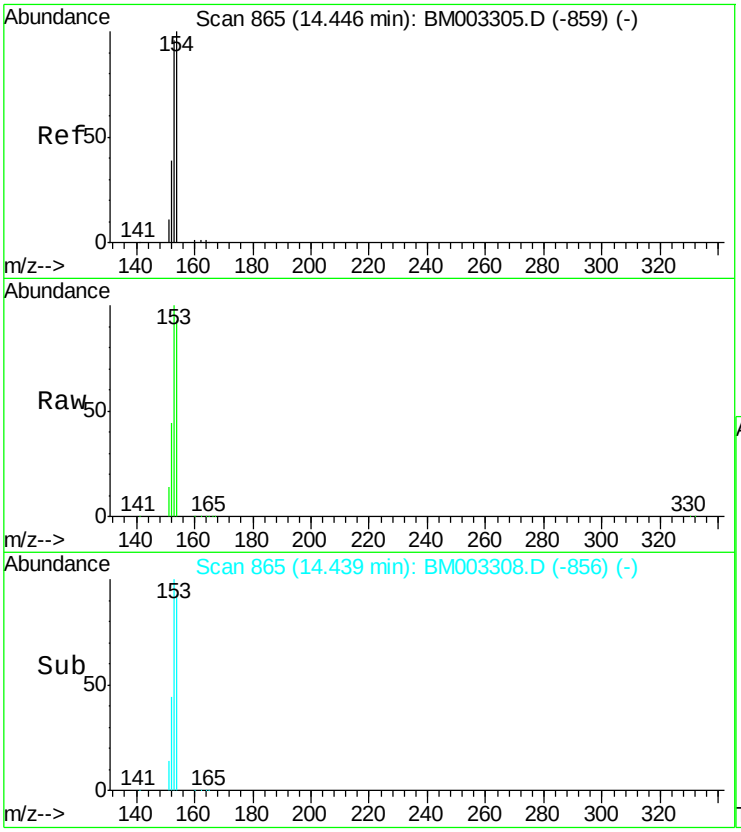


#16
Acenaphthylene
Concen: 12.42 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:152 Resp: 585732

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	13.0	10.4	15.6



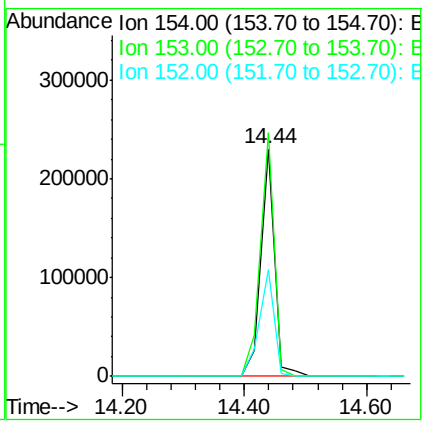


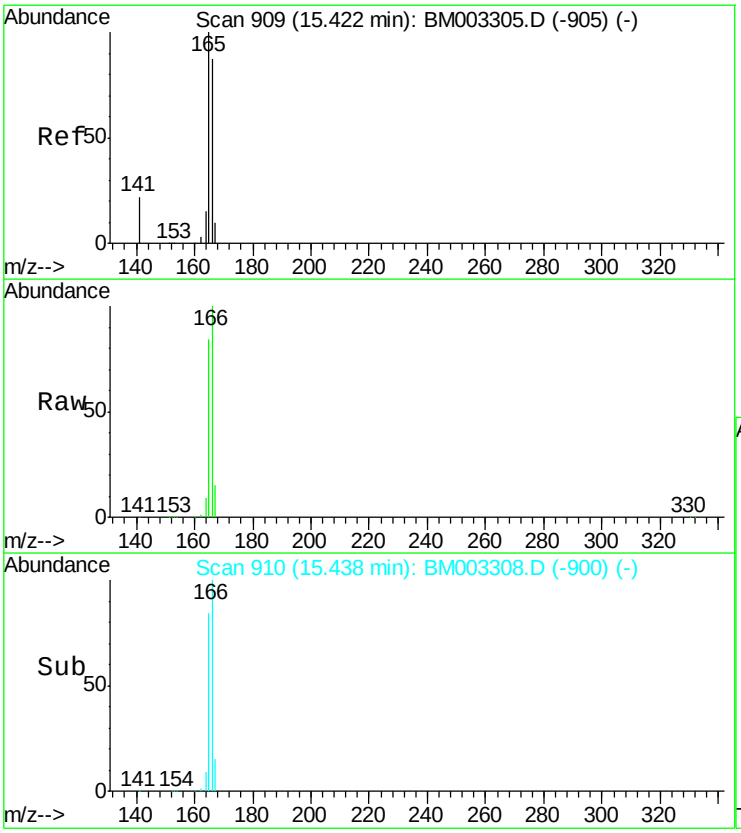
#17
Acenaphthene
Concen: 9.66 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 363950

Ion	Ratio	Lower	Upper
154	100		
153	108.2	0.0	0.0#
152	50.9	0.0	0.0#

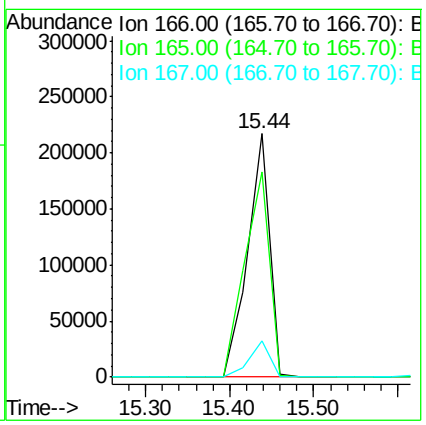


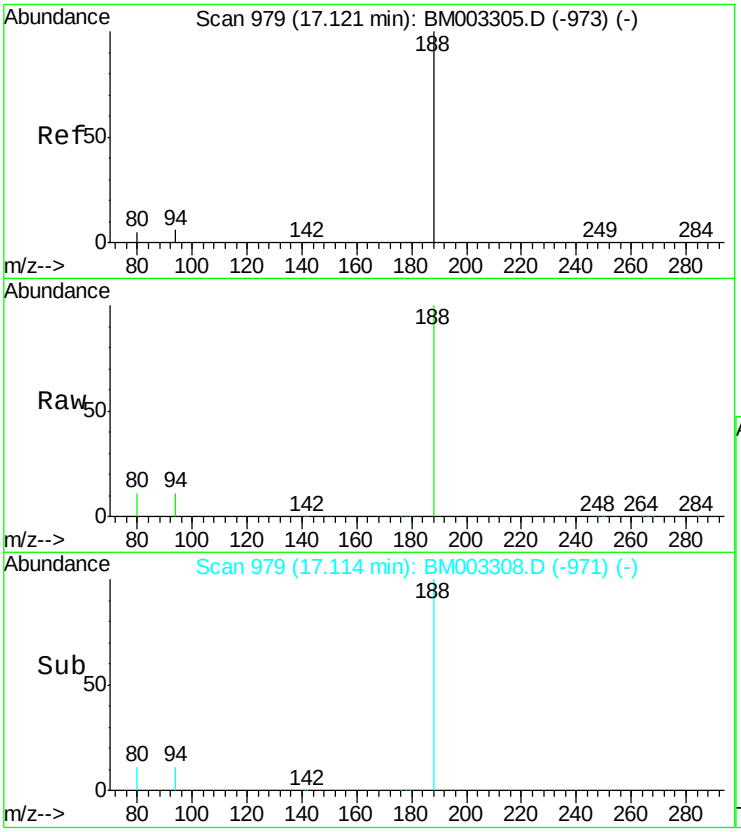


#18
Fluorene
Concen: 10.45 ng
RT: 15.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:166 Resp: 393315

Ion	Ratio	Lower	Upper
166	100		
165	95.1	80.8	121.2
167	13.7	10.5	15.7



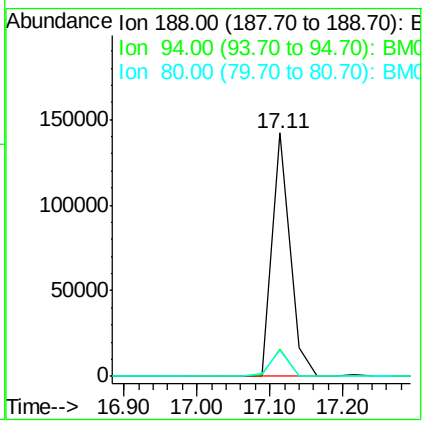


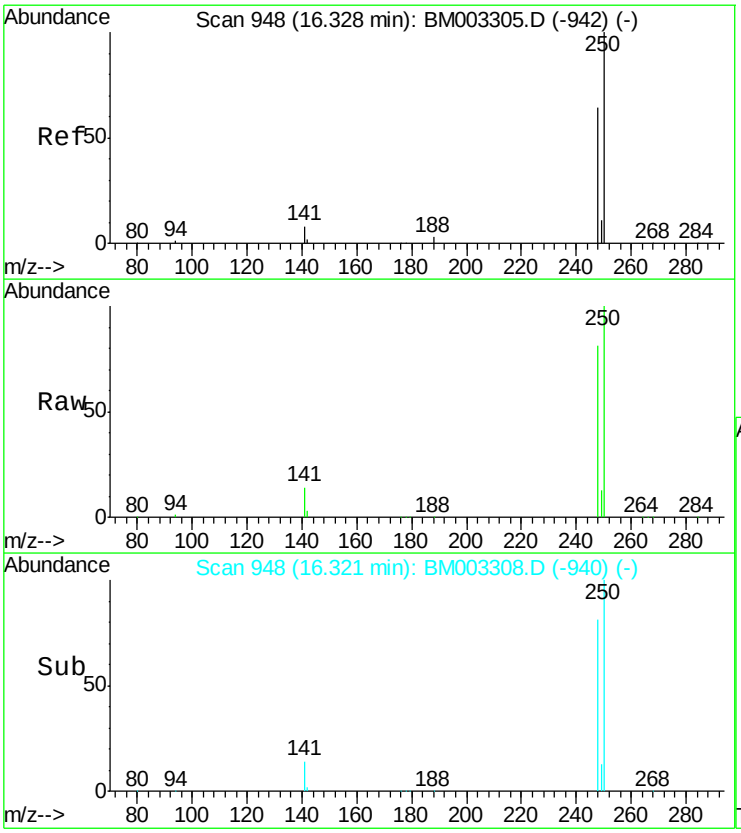
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 244535

Ion	Ratio	Lower	Upper
188	100		
94	11.4	1.8	2.6#
80	10.8	1.4	2.0#

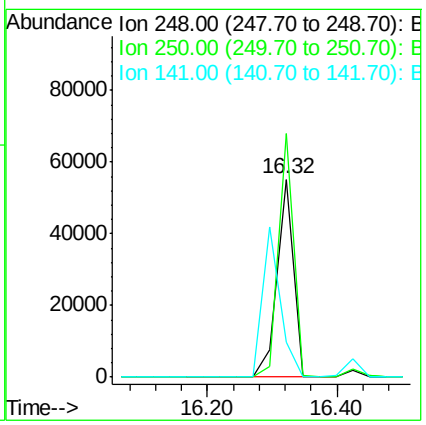


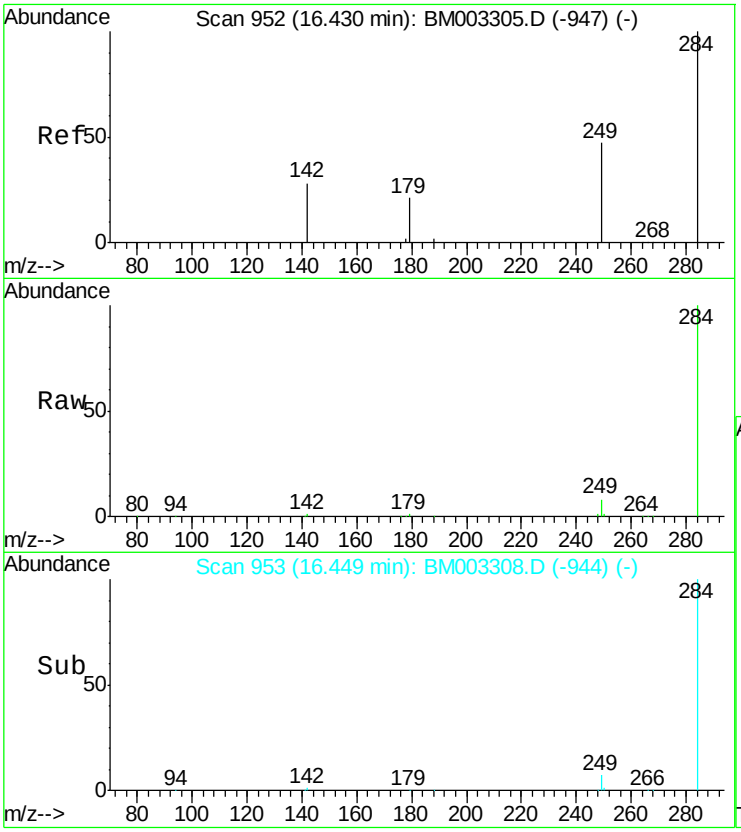


#20
4-Bromophenyl-phenylether
Concen: 11.88 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:248 Resp: 96524

Ion	Ratio	Lower	Upper
248	100		
250	113.4	65.4	98.0#
141	0.0	72.8	109.2#



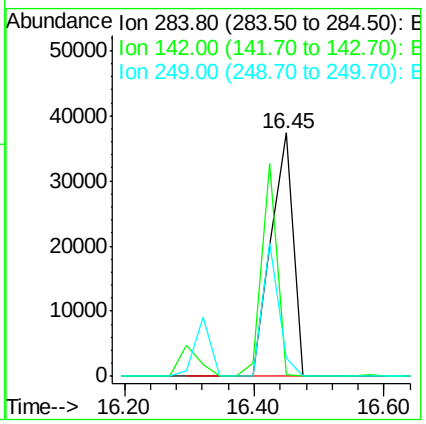


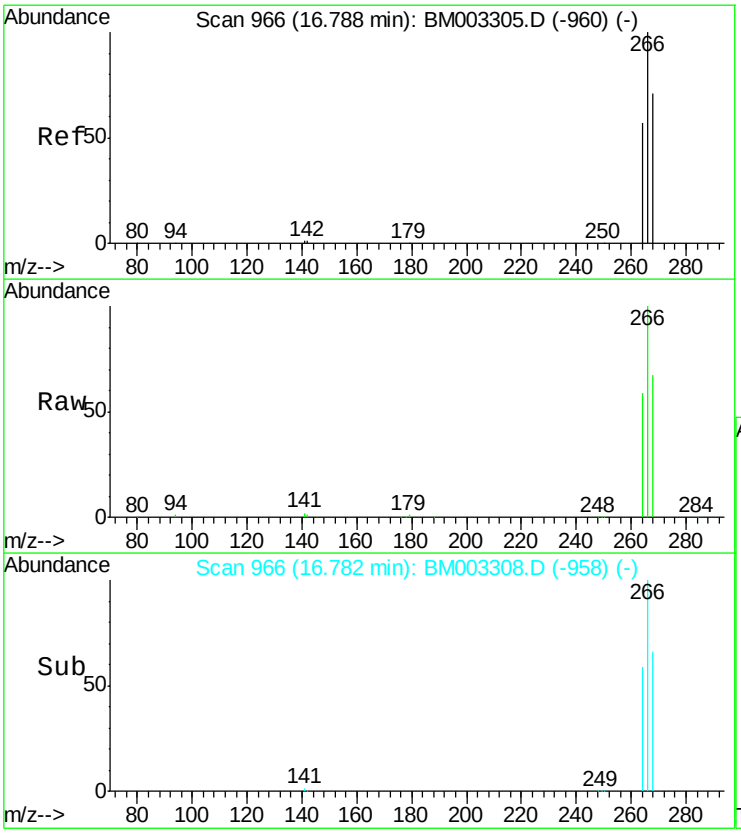
#21
Hexachlorobenzene
Concen: 10.31 ng
RT: 16.45 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 88206

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	19.4	29.2#

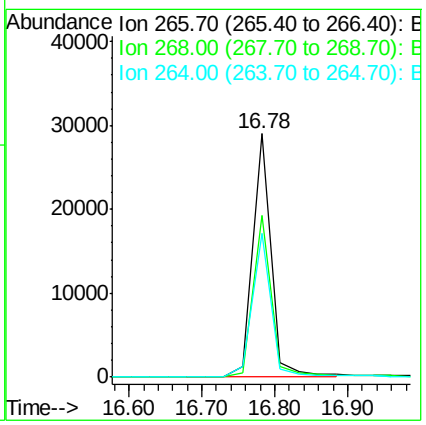


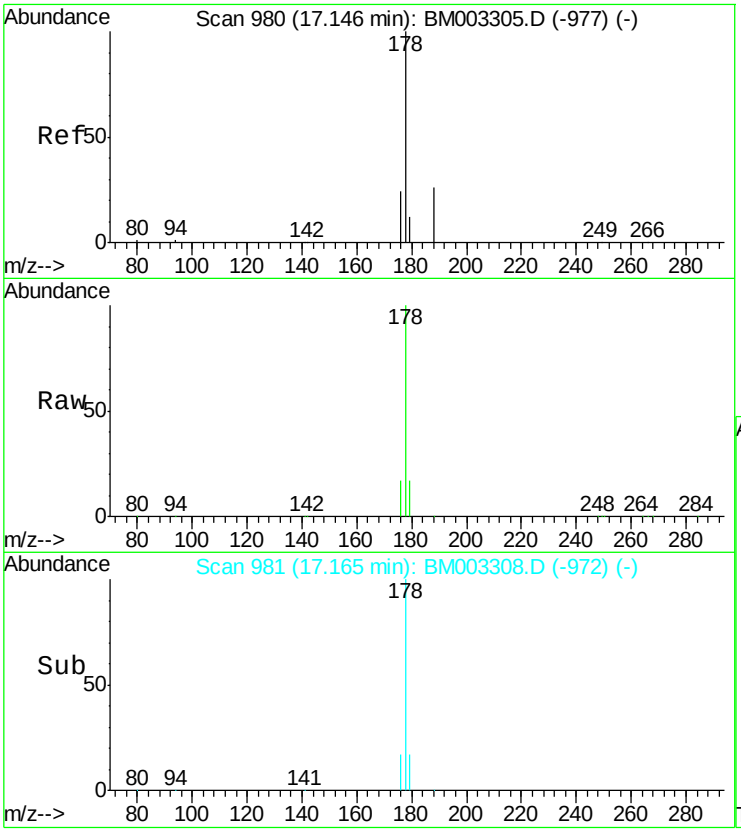


#22
Pentachlorophenol
Concen: 17.32 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:266 Resp: 50659

Ion	Ratio	Lower	Upper
266	100		
268	66.5	45.8	68.8
264	59.0	56.7	85.1



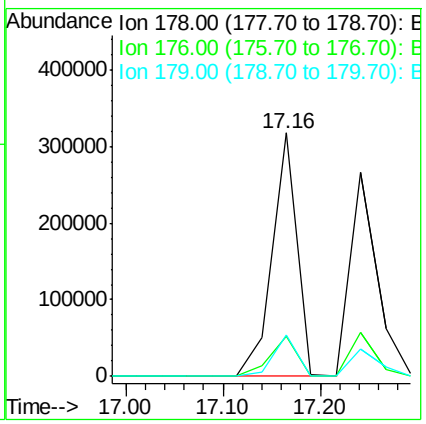


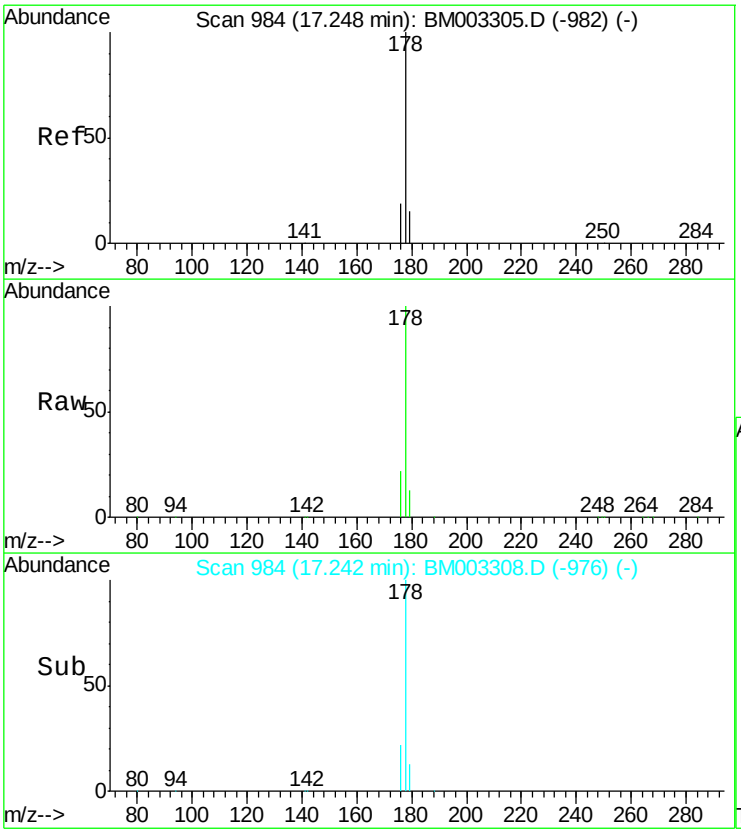
#23
Phenanthrene
Concen: 10.19 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 569410

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.0	11.7	17.5

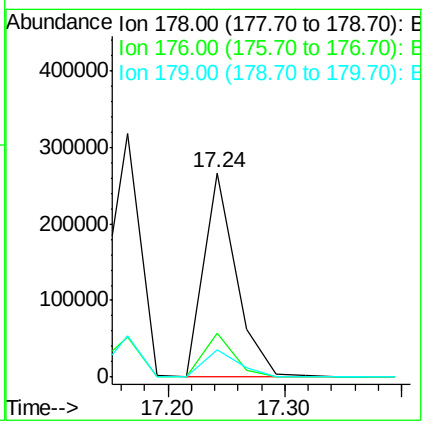


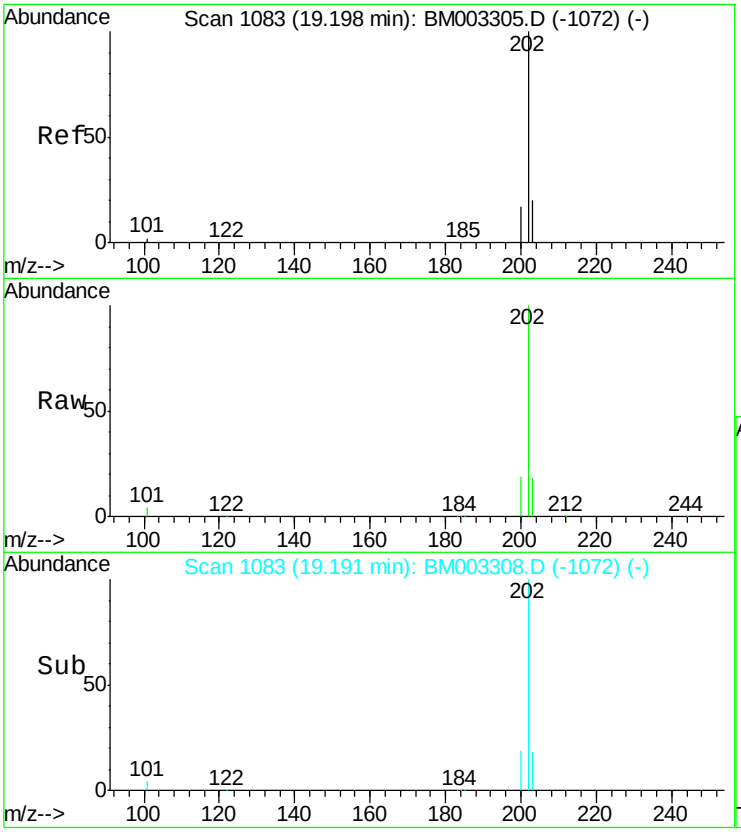


#24
Anthracene
Concen: 11.33 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:178 Resp: 508303

Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.1	21.1
179	14.5	12.8	19.2



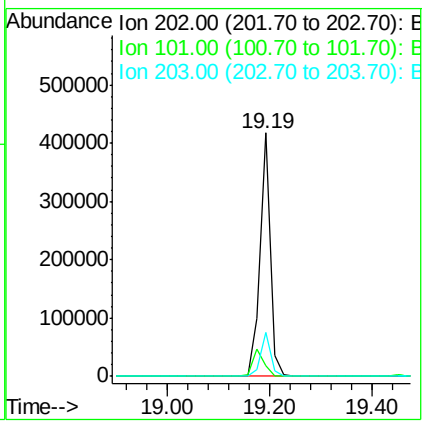


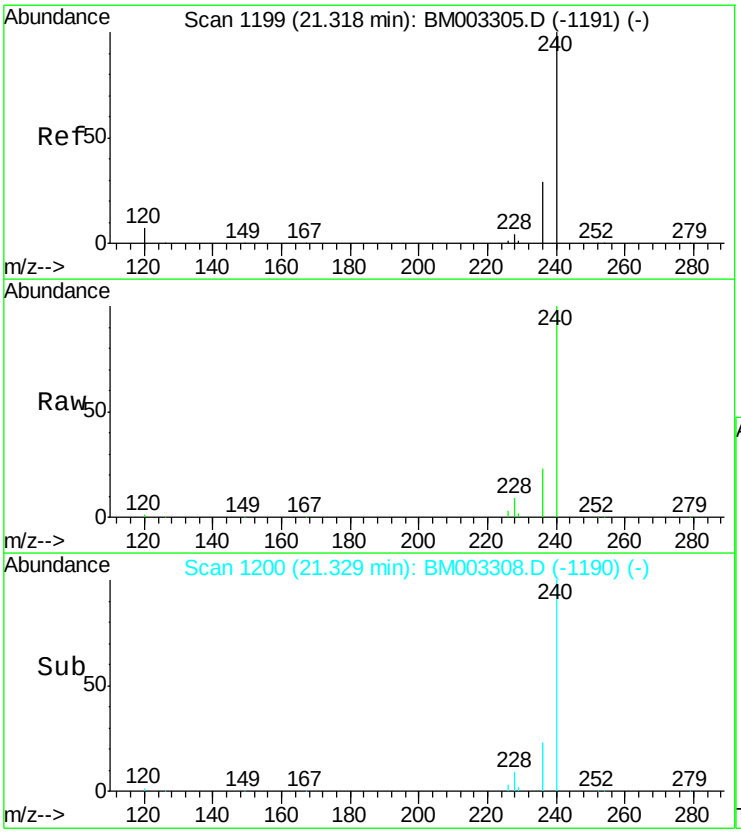
#25
Fluoranthene
Concen: 10.91 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 573990

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.9	14.9
203	17.6	13.9	20.9

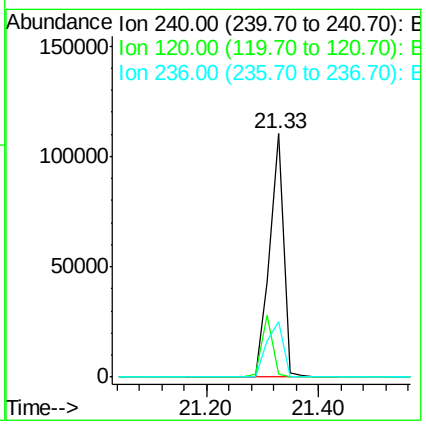


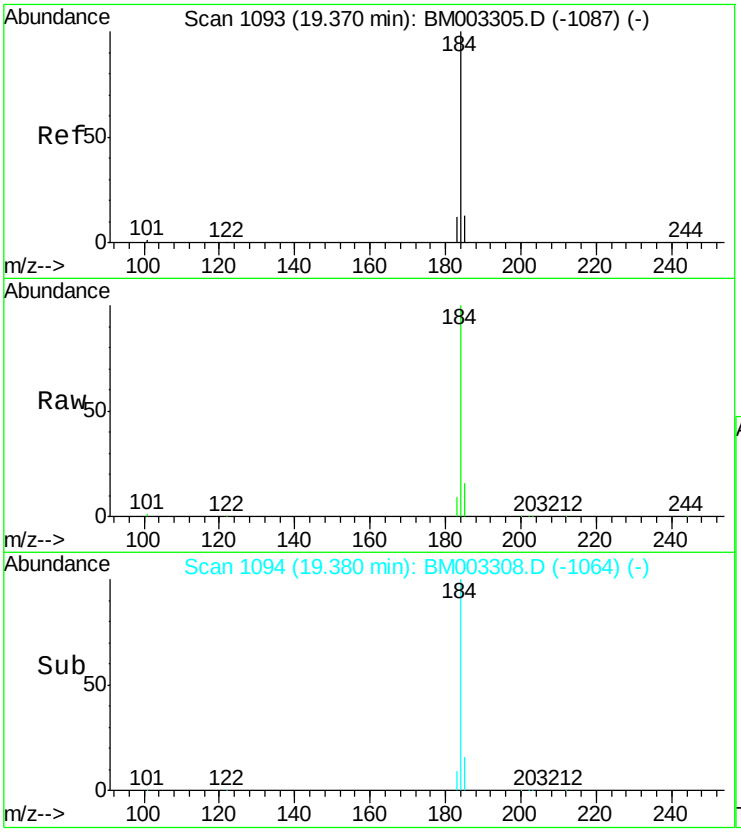


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:240 Resp: 191654

Ion	Ratio	Lower	Upper
240	100		
120	1.3	1.0	1.4
236	22.7	17.9	26.9



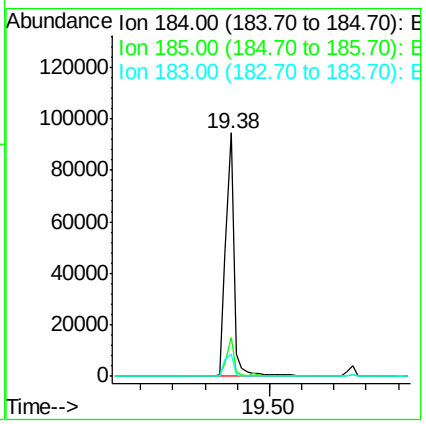


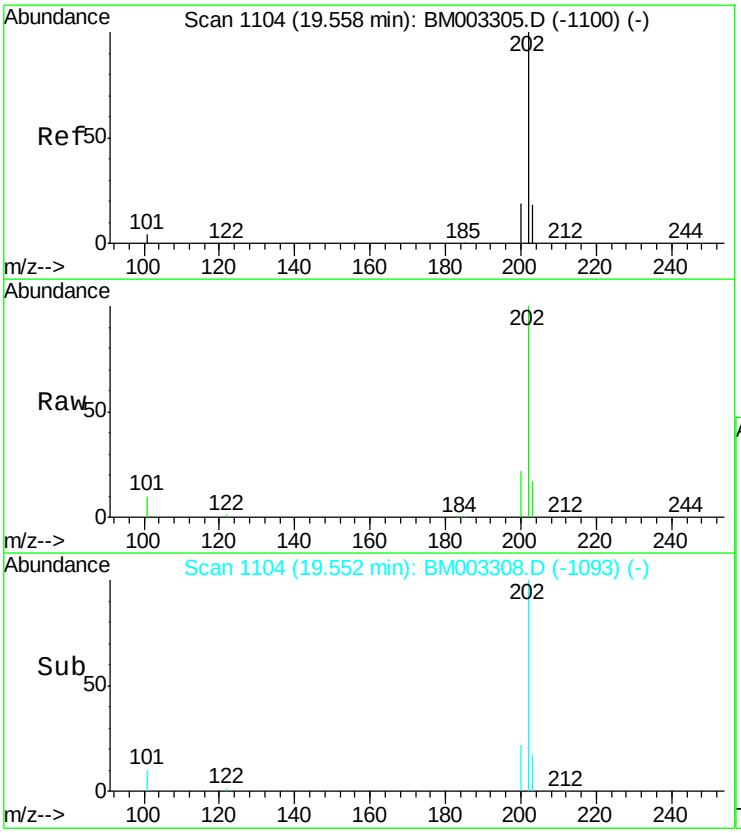
#27
Benzidine
Concen: 21.97 ng
RT: 19.38 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 168092

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.6	17.4
183	9.3	8.6	13.0

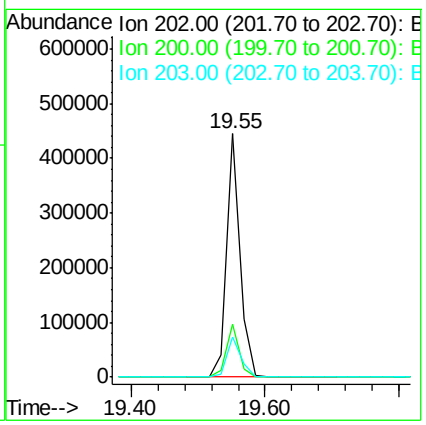


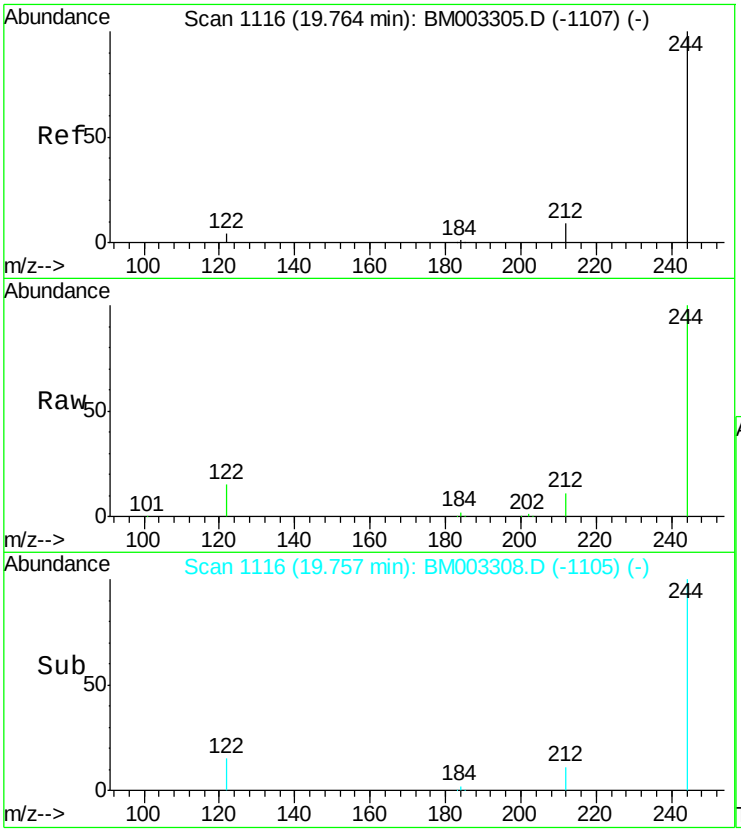


#28
Pyrene
Concen: 10.52 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:202 Resp: 612935

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	13.8	20.6



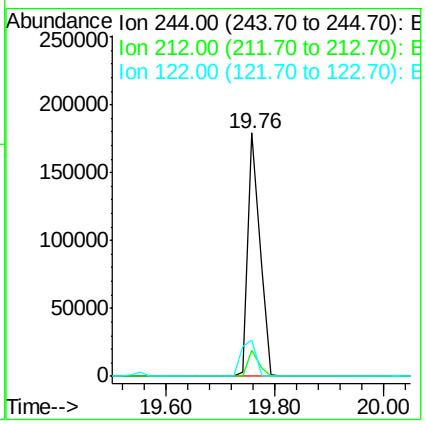


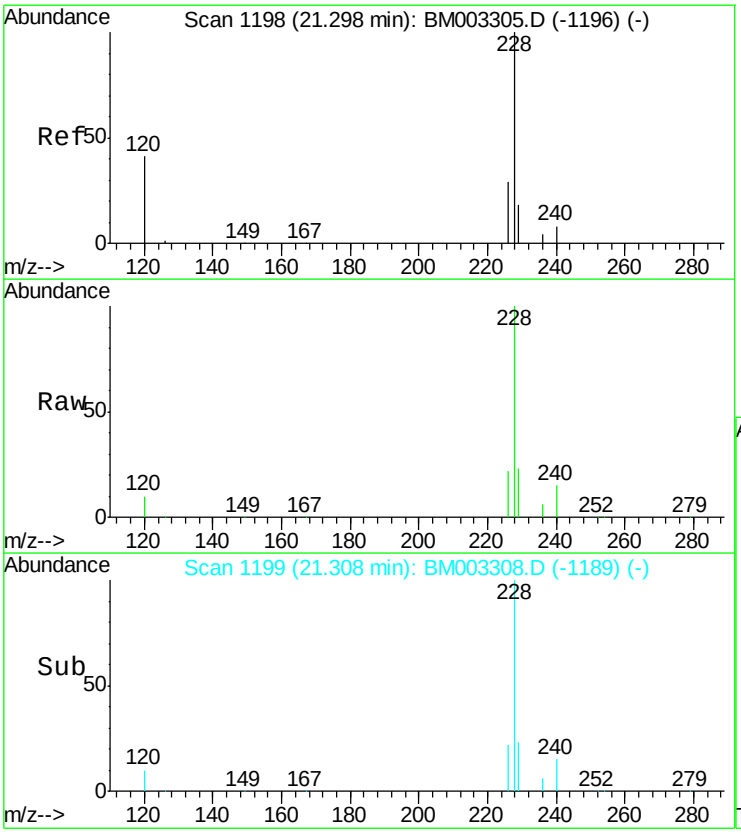
#29
Terphenyl-d14
Concen: 10.14 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 270661

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.5	9.7#
122	14.7	2.0	3.0#

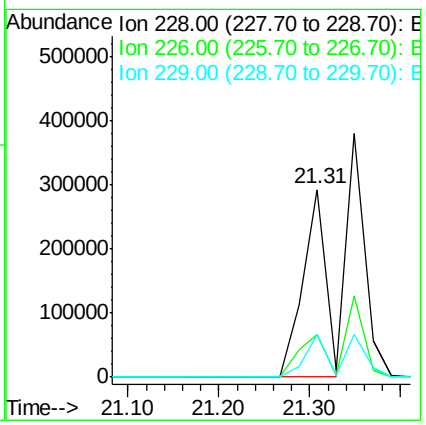


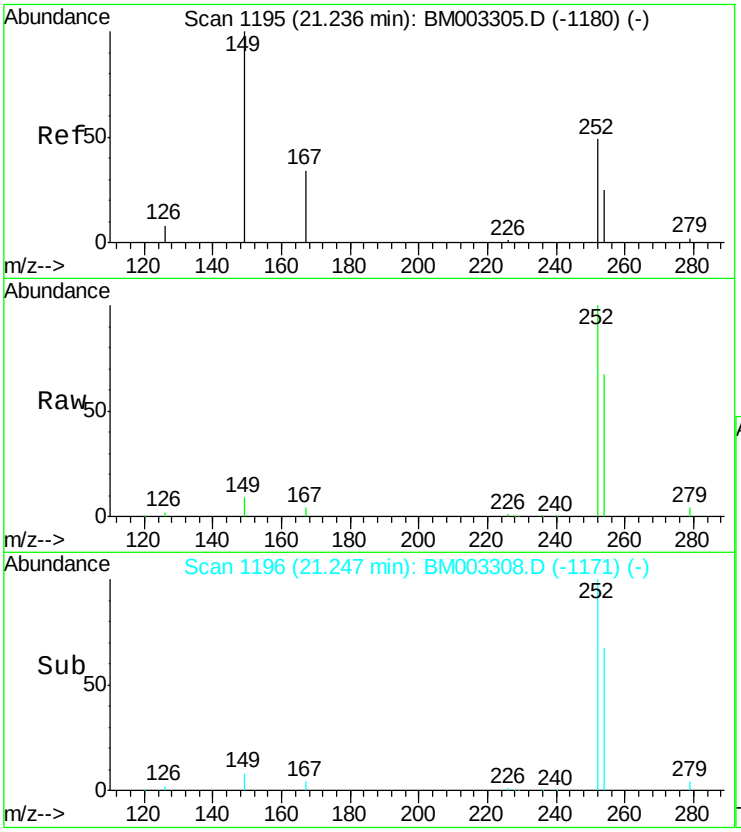


#30
Benzo(a)anthracene
Concen: 10.55 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:228 Resp: 509434

Ion	Ratio	Lower	Upper
228	100		
226	22.5	17.8	26.6
229	22.7	18.0	27.0



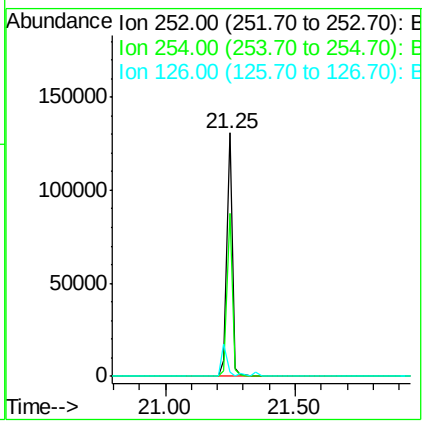


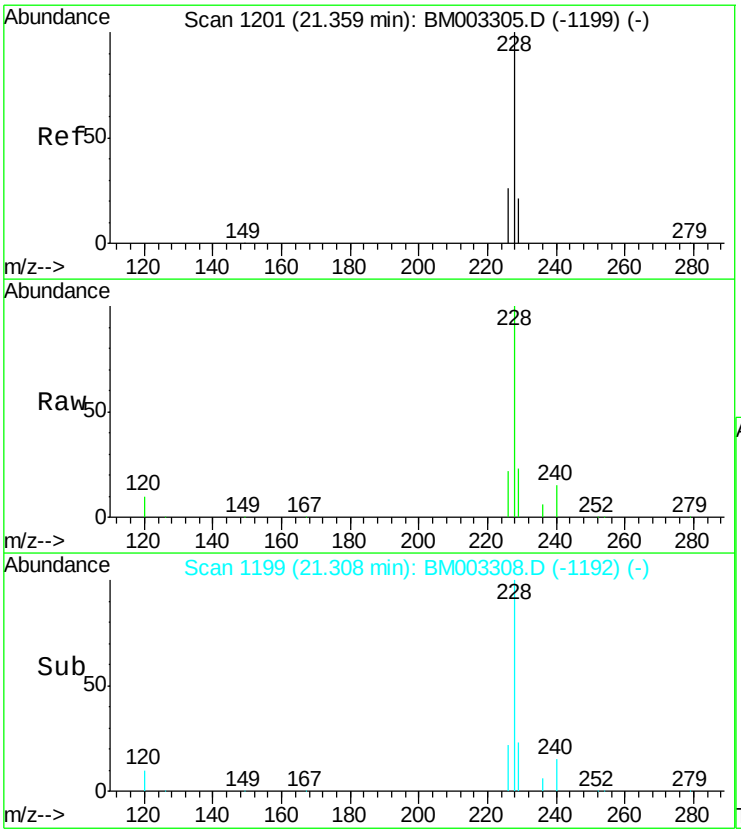
#31
3,3'-Dichlorobenzidine
Concen: 19.53 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 180962

Ion	Ratio	Lower	Upper
252	100		
254	67.0	53.7	80.5
126	2.0	2.8	4.2#

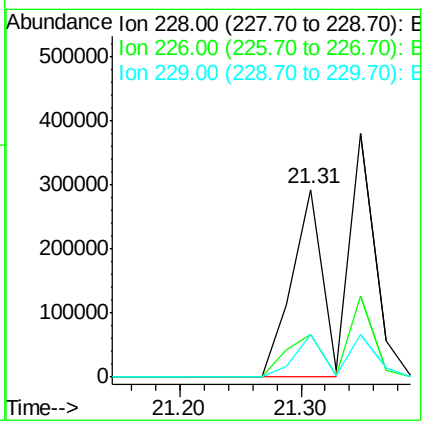


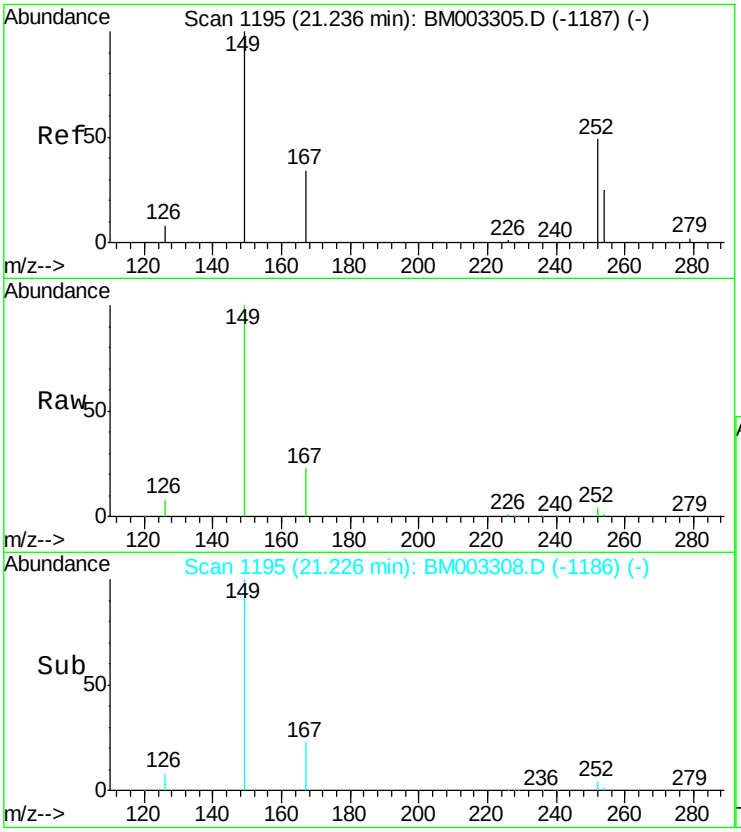


#32
Chrysene
Concen: 8.67 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:228 Resp: 509433

Ion	Ratio	Lower	Upper
228	100		
226	22.5	25.5	38.3#
229	22.7	14.3	21.5#



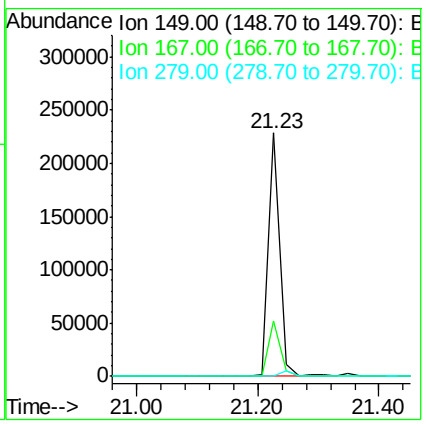


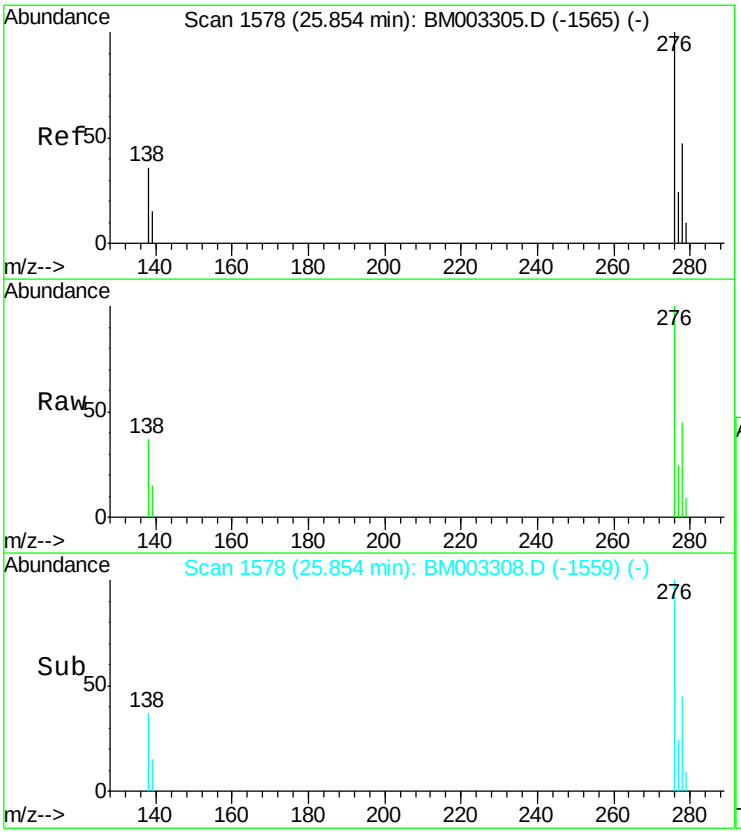
#33
Bis(2-ethylhexyl)phthalate
Concen: 16.15 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 299439

Ion	Ratio	Lower	Upper
149	100		
167	23.7	19.6	29.4
279	0.0	0.0	0.0

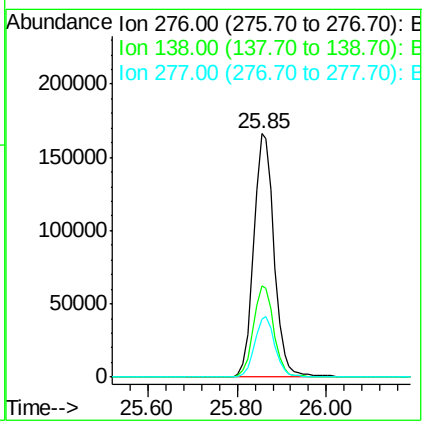


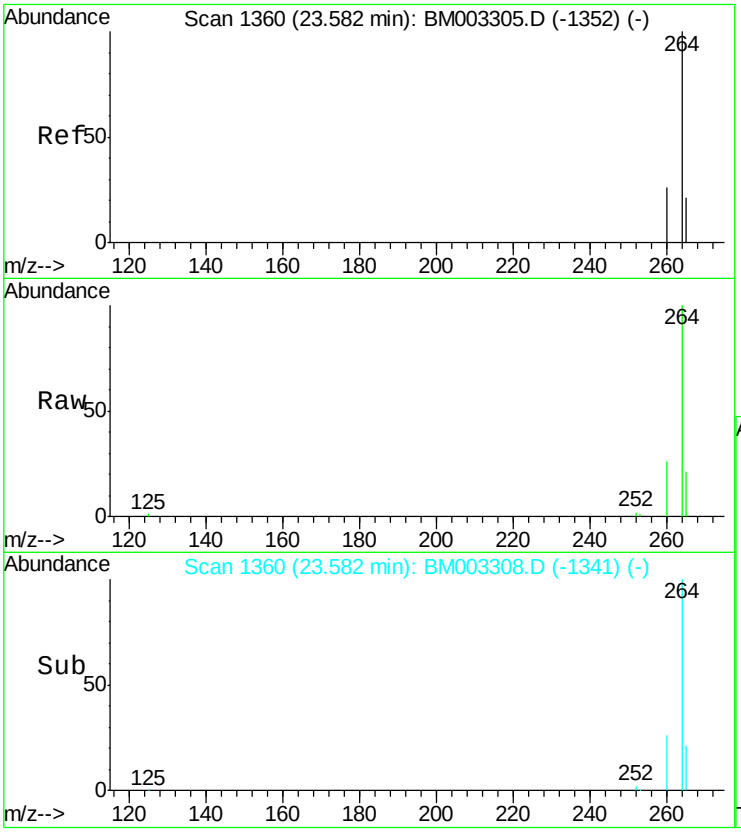


#34
Indeno(1,2,3-cd)pyrene
Concen: 12.15 ng
RT: 25.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:276 Resp: 527722

Ion	Ratio	Lower	Upper
276	100		
138	37.7	19.1	28.7#
277	24.8	15.9	23.9#



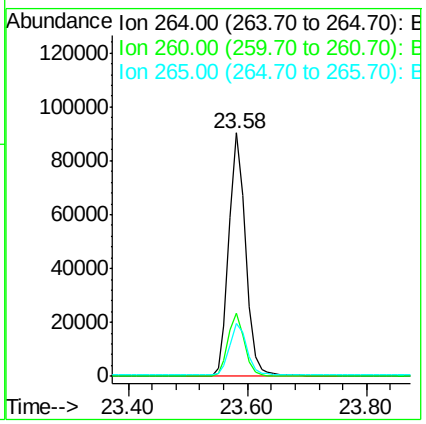


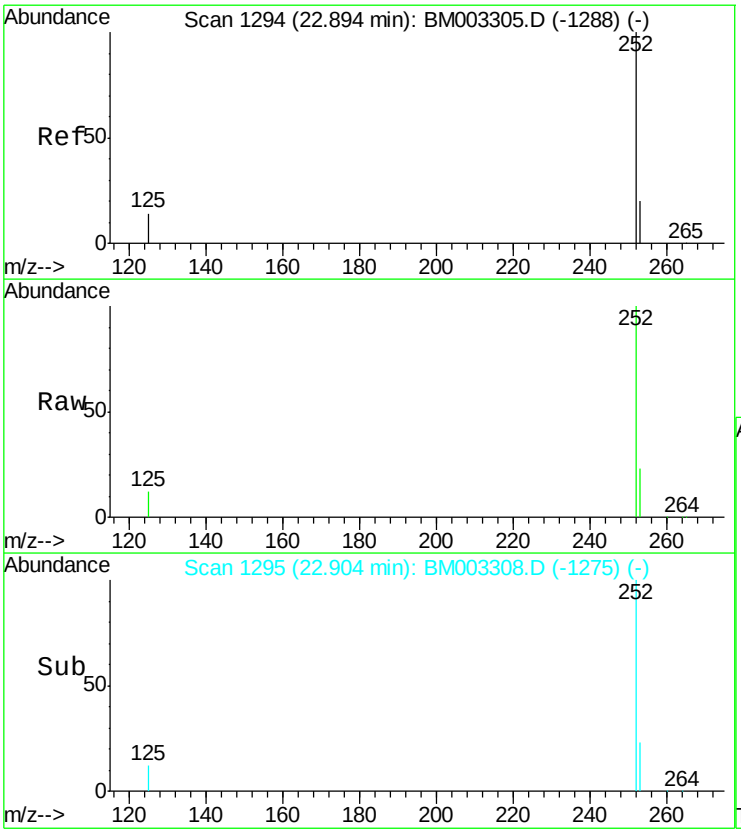
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 174502

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.6	29.4
265	21.5	18.4	27.6

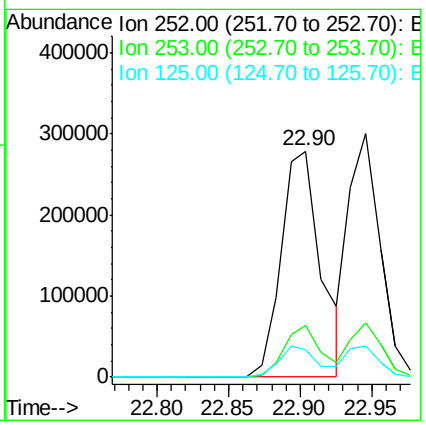


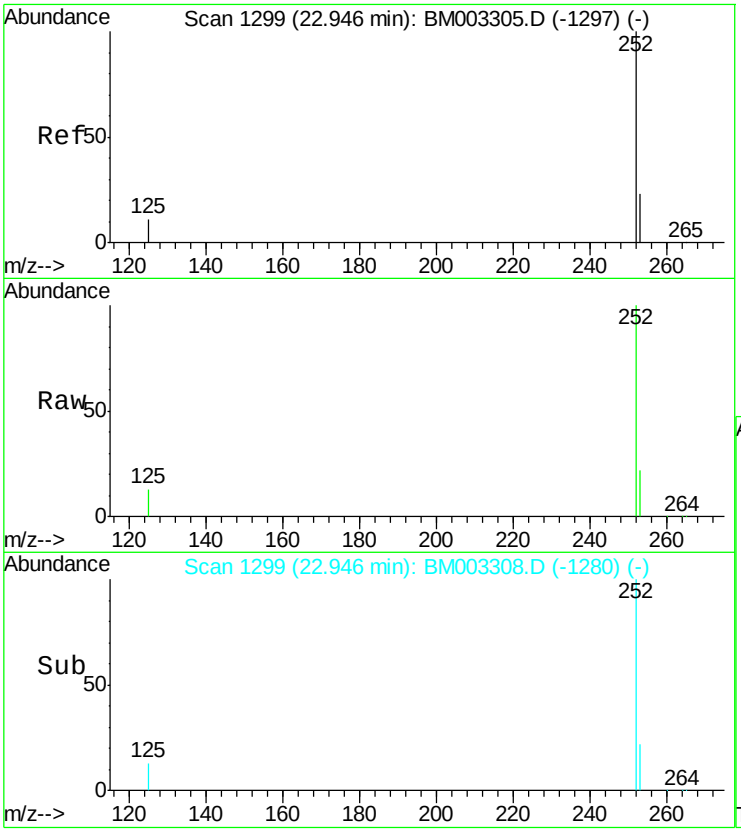


#36
Benzo(b)fluoranthene
Concen: 11.12 ng
RT: 22.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:252 Resp: 541580

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.3	10.3	15.5



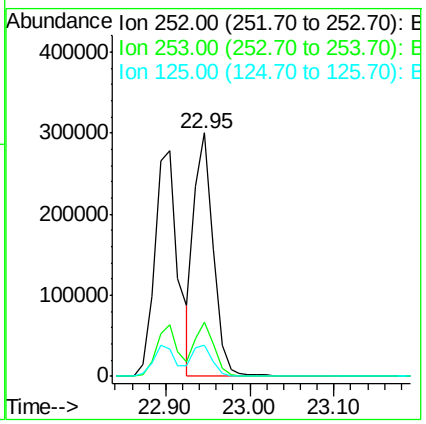


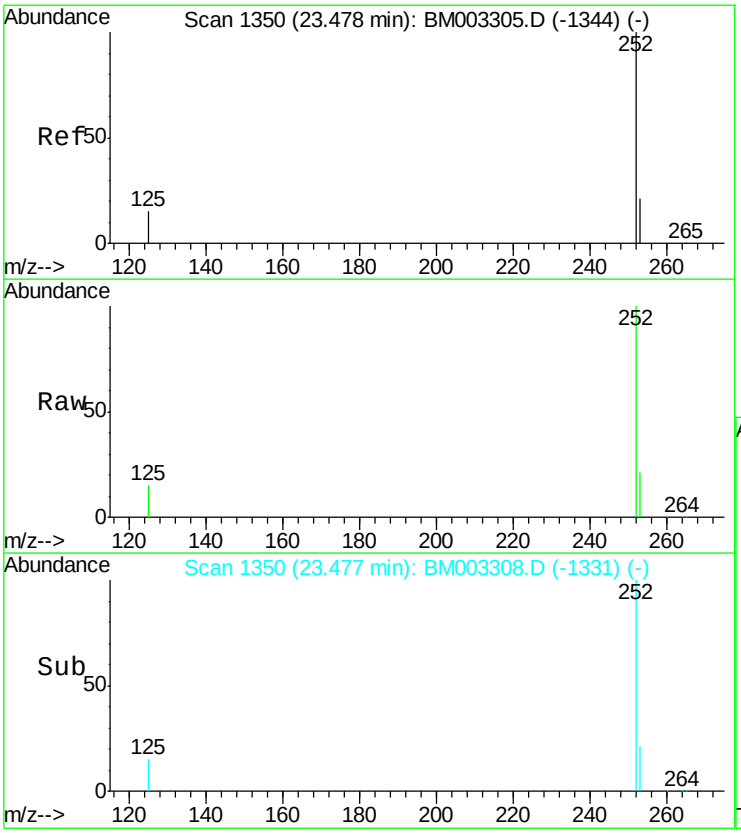
#37
Benzo(k)fluoranthene
Concen: 9.55 ng
RT: 22.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 466695

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	12.7	10.7	16.1

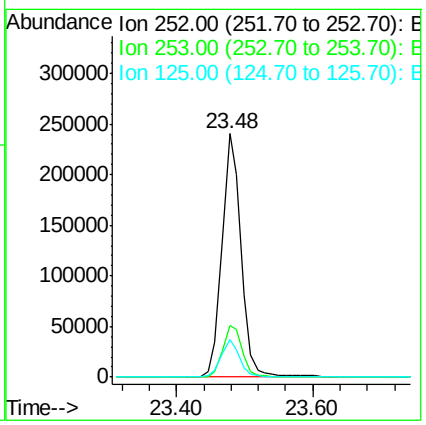


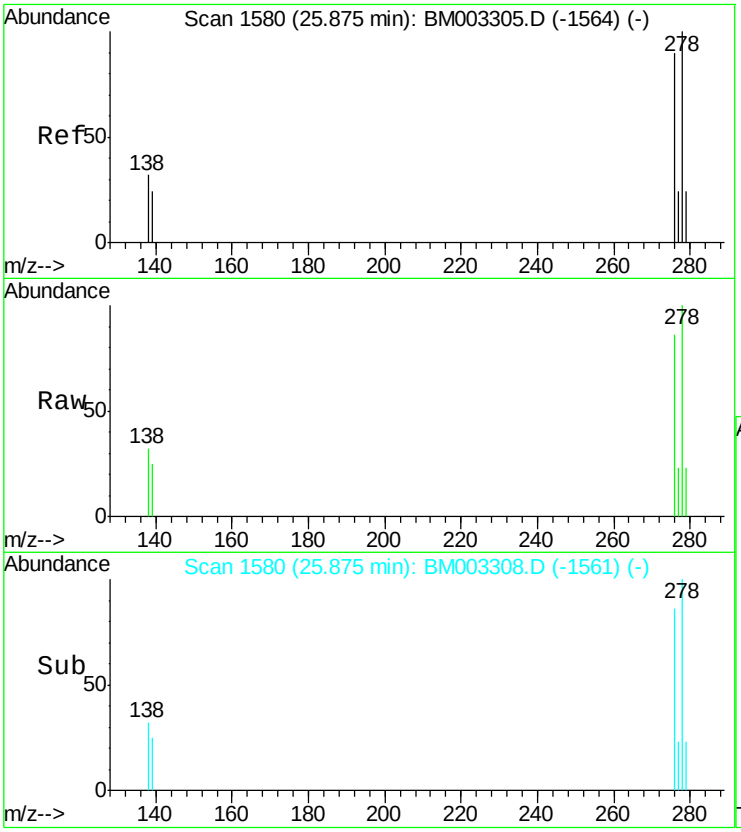


#38
Benzo(a)pyrene
Concen: 11.88 ng
RT: 23.48 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:252 Resp: 464332

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.7	28.1
125	15.2	11.6	17.4



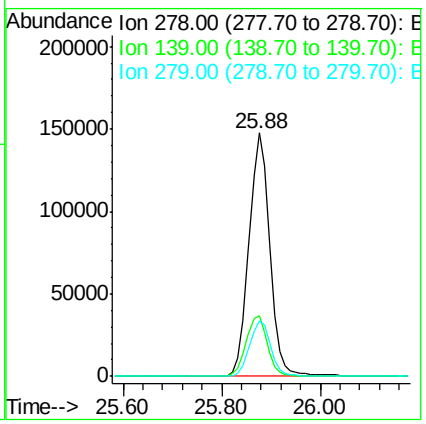


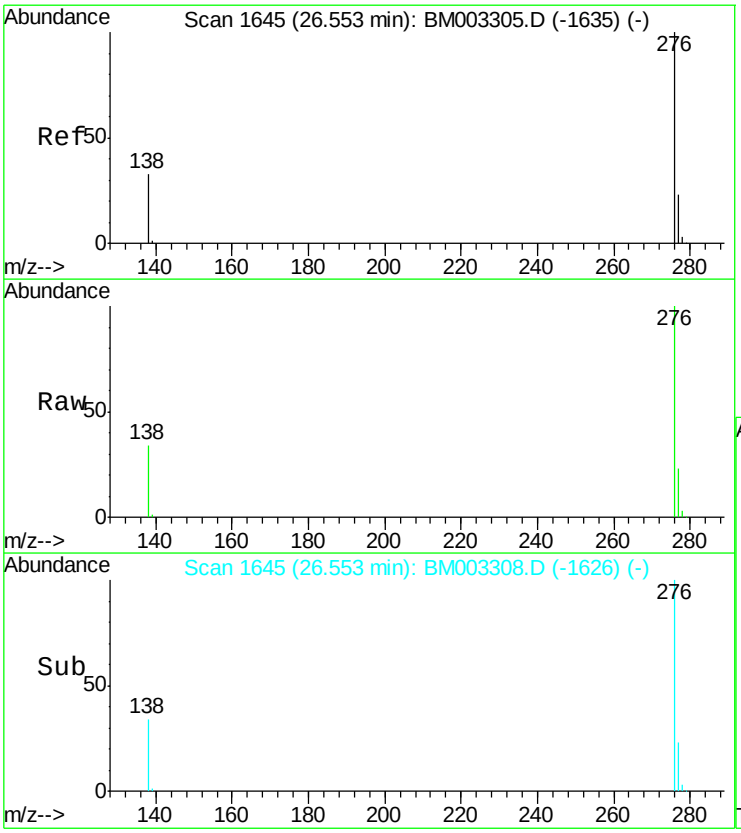
#39
Dibenzo(a,h)anthracene
Concen: 12.53 ng
RT: 25.88 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 420272

Ion	Ratio	Lower	Upper
278	100		
139	24.7	18.2	27.4
279	23.0	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 10.79 ng
RT: 26.55 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BM003308.D
Acq: 27 Nov 2015 15:32

Tgt Ion:276 Resp: 444190

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.6
138	33.8	22.3	33.5#