Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003352.D
Acq On : 02 Dec 2015 11:52
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Quant Time: Dec 02 12:37:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 13:09:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	59525	5.00	ng		-0.02
7) Naphthalene-d8	10.51	136	251883	5.00	ng		-0.02
13) Acenaphthene-d10	14.37	164	140356	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	333368	5.00	ng		0.00
26) Chrysene-d12	21.33	240	179061	5.00	ng		0.01
35) Perylene-d12	23.58	264	156646	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2506	0.21	ng		0.00
5) Phenol-d6	6.90	99	2914	0.22	ng		0.00
8) Nitrobenzene-d5	8.89	82	2281	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	497	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	9214	0.20	ng		0.00
29) Terphenyl-d14	19.76	244	6439	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1390	0.19	ng		91
3) n-Nitrosodimethylamine	3.54	42	1128	0.20	ng	#	99
6) bis(2-Chloroethyl)ether	7.16	93	3024	0.22	ng		99
9) Nitrobenzene	8.93	77	2418	0.20	ng		99
10) Naphthalene	10.56	128	11820	0.22	ng		98
11) Hexachlorobutadiene	10.85	225	2340	0.28	ng		91
12) 2-Methylnaphthalene	12.18	142	7900	0.23	ng		98
16) Acenaphthylene	14.08	152	10390	0.20	ng		100
17) Acenaphthene	14.44	154	8177	0.21	ng	#	100
18) Fluorene	15.42	166	8572	0.21	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	1961	0.36	ng	#	36
21) Hexachlorobenzene	16.42	284	2377	0.20	ng	#	60
22) Pentachlorophenol	16.78	266	595	0.25	ng	#	86
23) Phenanthrene	17.16	178	13757	0.27	ng	#	72
24) Anthracene	17.24	178	12856	0.21	ng		97
25) Fluoranthene	19.19	202	13327	0.18	ng		99
27) Benzidine	19.38	184	2494	0.45	ng	#	90
28) Pyrene	19.55	202	14432	0.26	ng		100
30) Benzo(a)anthracene	21.31	228	10073	0.22	ng		99
31) 3,3'-Dichlorobenzidine	21.25	252	2415	0.41	ng	#	98
32) Chrysene	21.31	228	10063	0.21	ng	#	84
33) Bis(2-ethylhexyl)phthalate	21.23	149	4683	0.35	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.86	276	9333	0.22	ng	#	81
36) Benzo(b)fluoranthene	22.90	252	9783	0.22	ng	#	92
37) Benzo(k)fluoranthene	22.94	252	8758	0.22	ng	#	93
38) Benzo(a)pyrene	23.47	252	7907	0.22	ng	#	91
39) Dibenzo(a,h)anthracene	25.87	278	7368	0.24	ng		92
40) Benzo(g,h,i)perylene	26.56	276	8118	0.22	ng		93

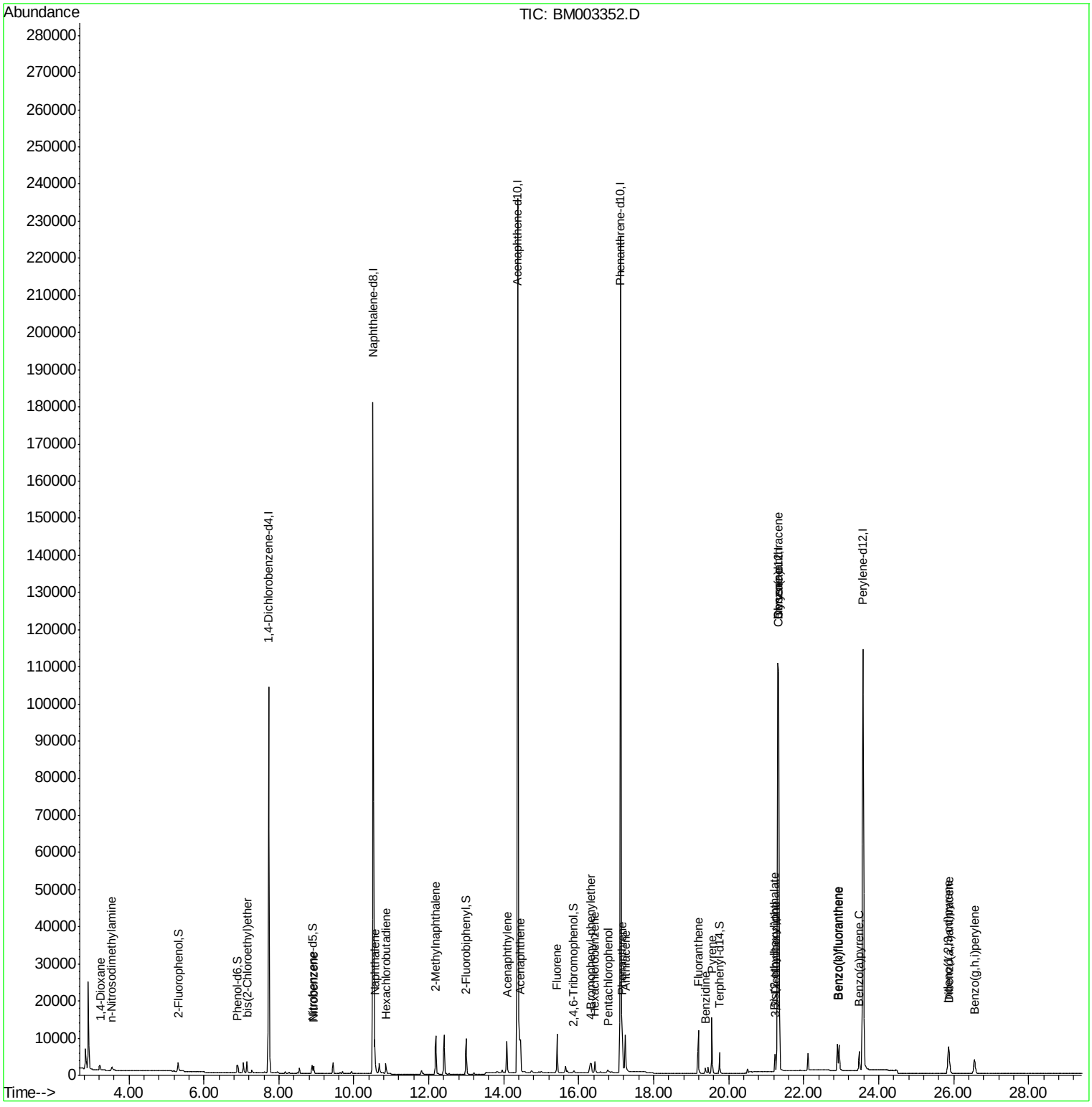
(#) = qualifier out of range (m) = manual integration (+) = signals summed

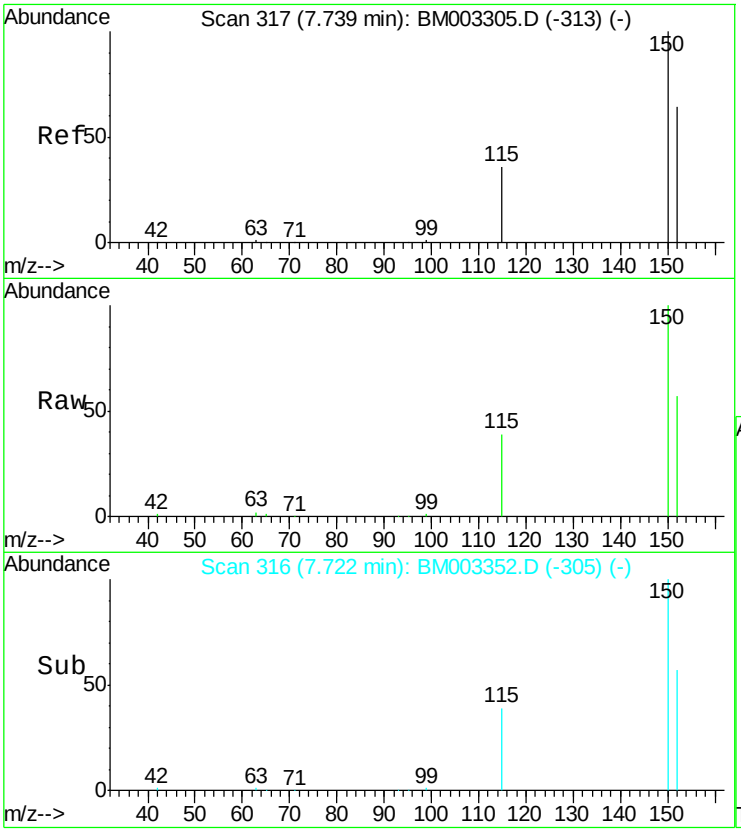
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003352.D
Acq On : 02 Dec 2015 11:52
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 02 12:37:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 13:09:54 2015
Response via : Initial Calibration



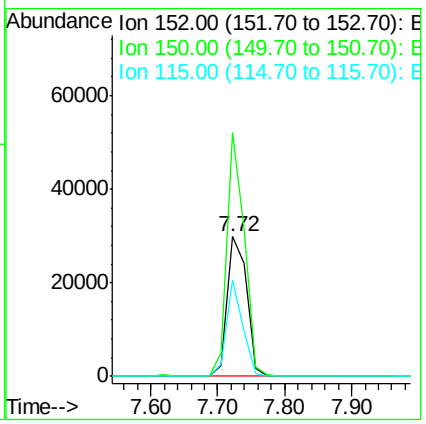


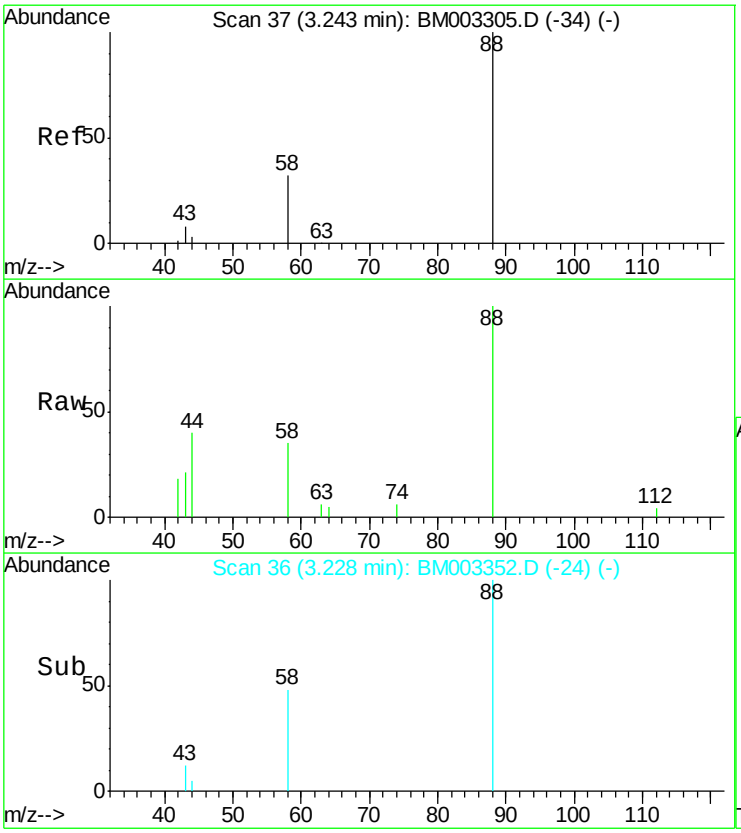
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 59525

Ion	Ratio	Lower	Upper
152	100		
150	174.7	143.6	215.4
115	68.8	58.5	87.7

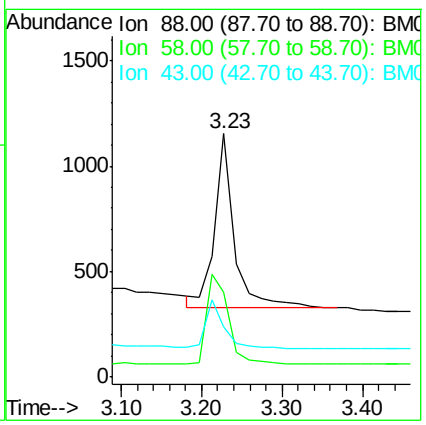


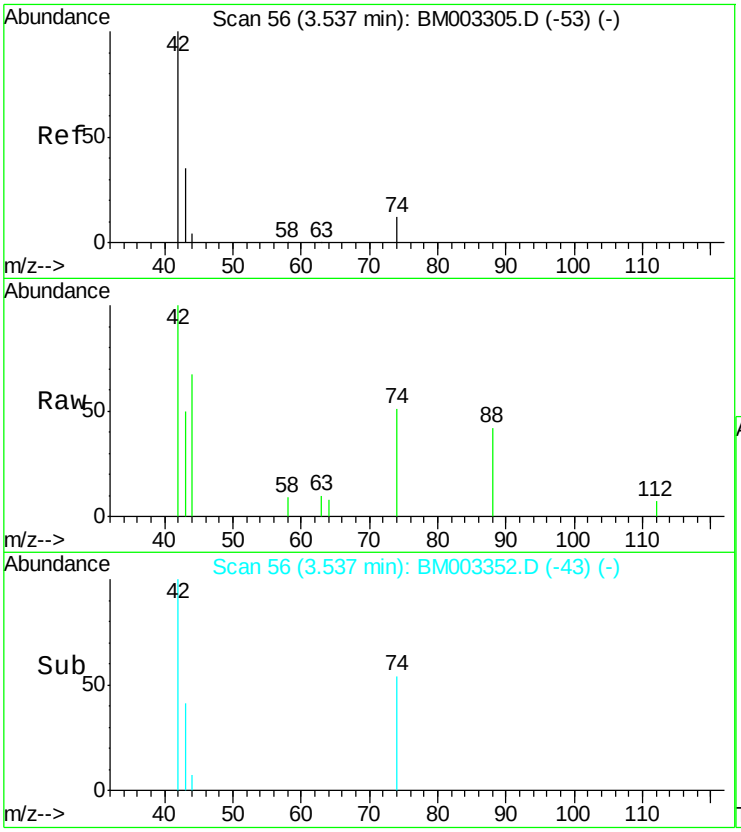


#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion: 88 Resp: 1390

Ion	Ratio	Lower	Upper
88	100		
58	58.9	55.2	82.8
43	26.7	21.8	32.6



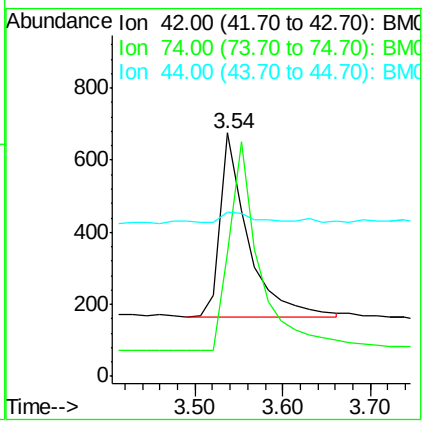


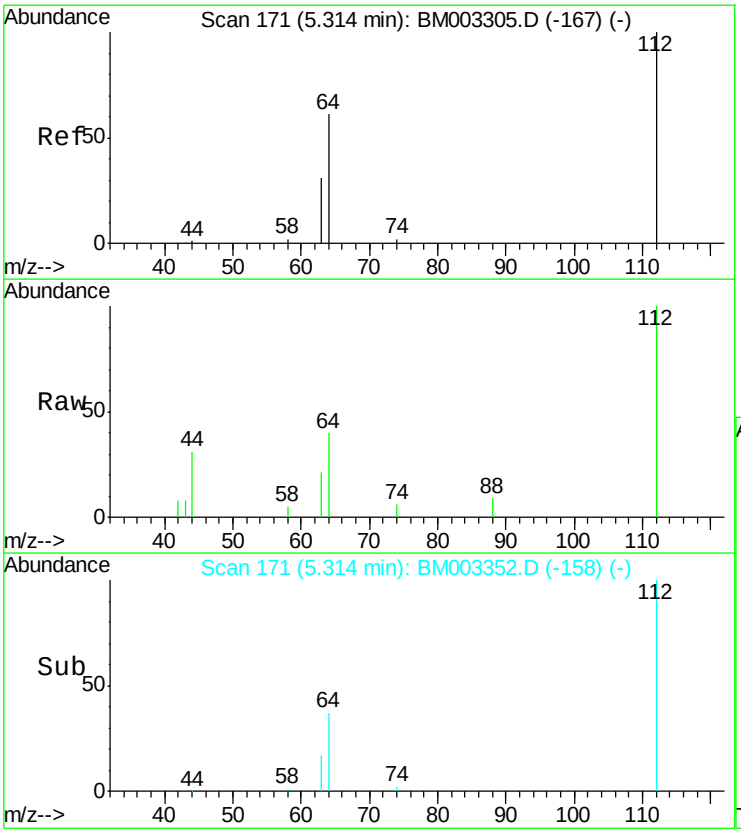
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.54 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1128

Ion	Ratio	Lower	Upper
42	100		
74	125.8	101.0	151.4
44	10.6	6.3	9.5#

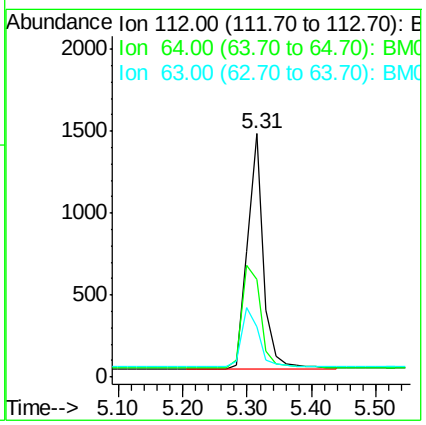


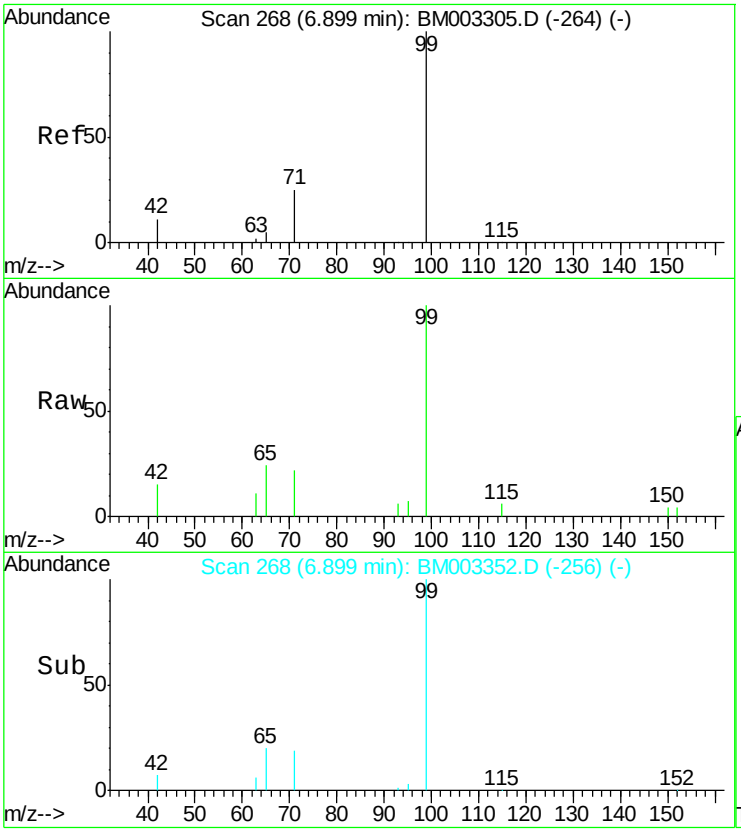


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:112 Resp: 2506

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.2	61.8
63	26.8	21.2	31.8



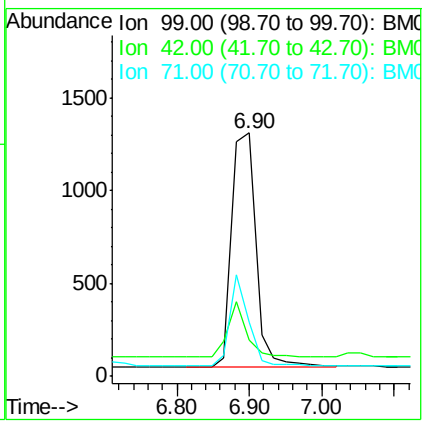


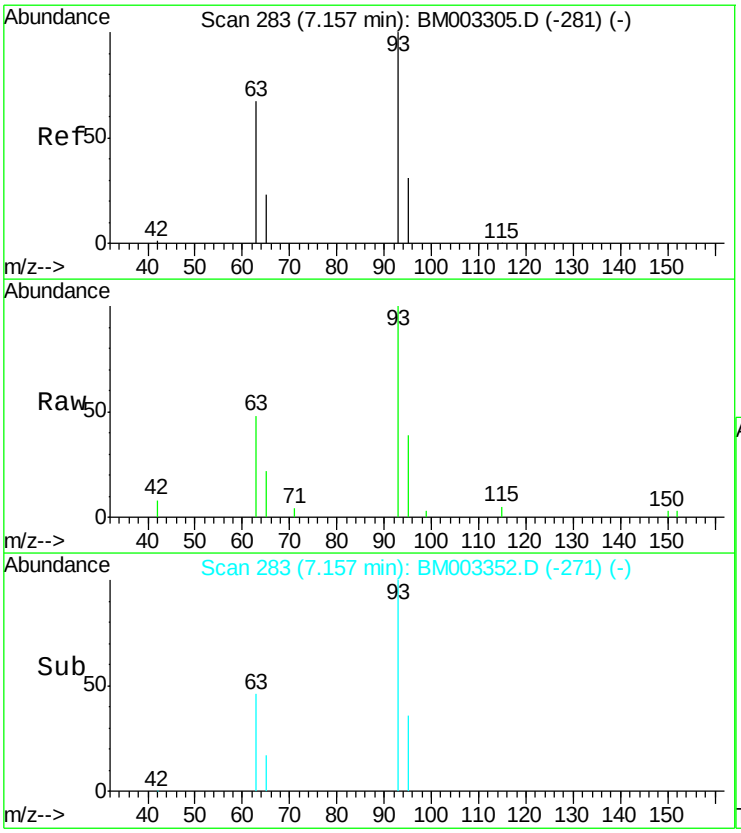
#5
Phenol-d6
Concen: 0.22 ng
RT: 6.90 min Scan# 268
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2914

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	22.0
71	30.1	23.3	34.9

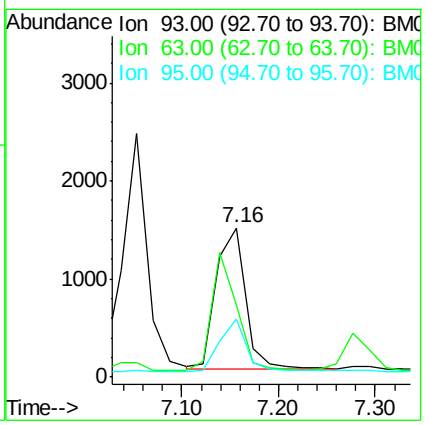


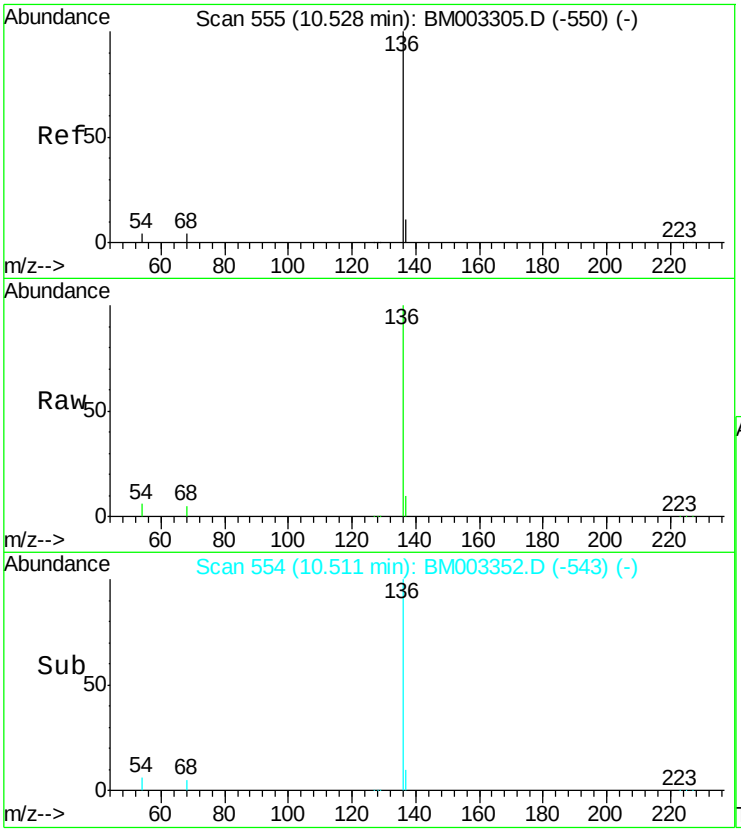


#6
bis(2-Chloroethyl)ether
Concen: 0.22 ng
RT: 7.16 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion: 93 Resp: 3024

Ion	Ratio	Lower	Upper
93	100		
63	71.9	58.2	87.4
95	32.7	26.2	39.4



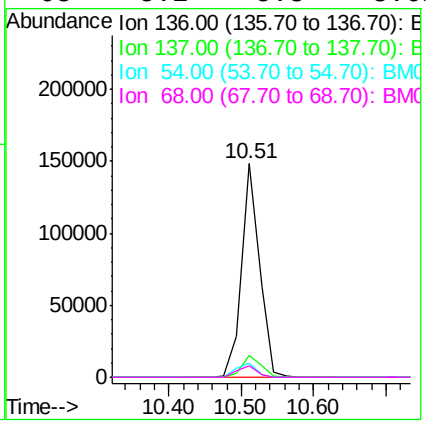


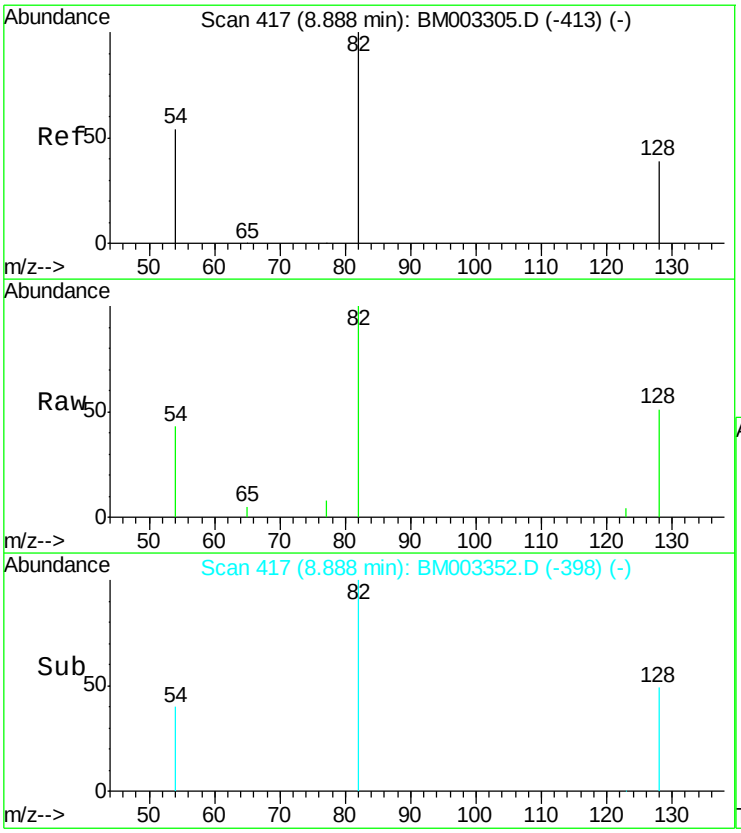
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.02 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 251883

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.3	7.4	11.0#
68	5.2	5.8	8.6#

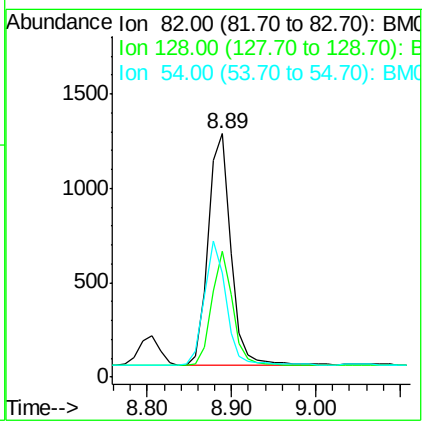


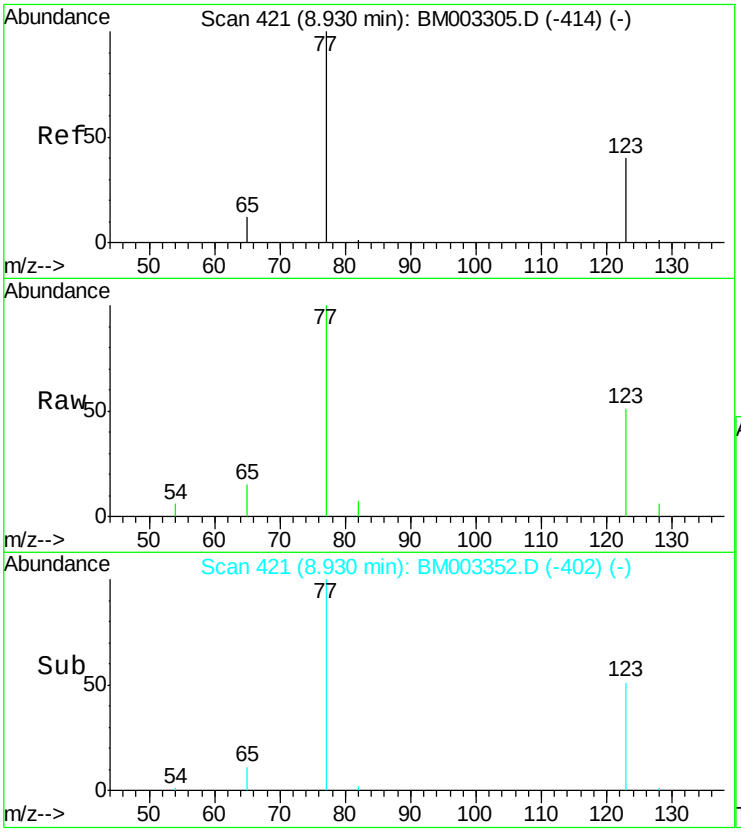


#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.89 min Scan# 417
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion: 82 Resp: 2281

Ion	Ratio	Lower	Upper
82	100		
128	51.4	35.2	52.8
54	42.6	36.4	54.6



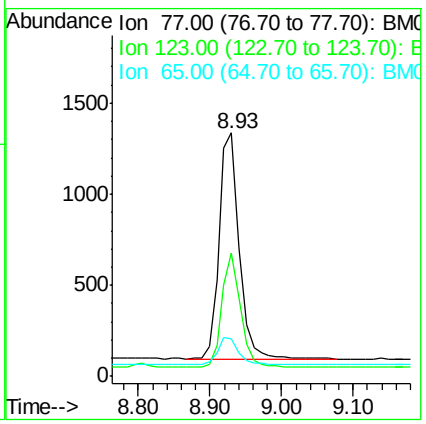


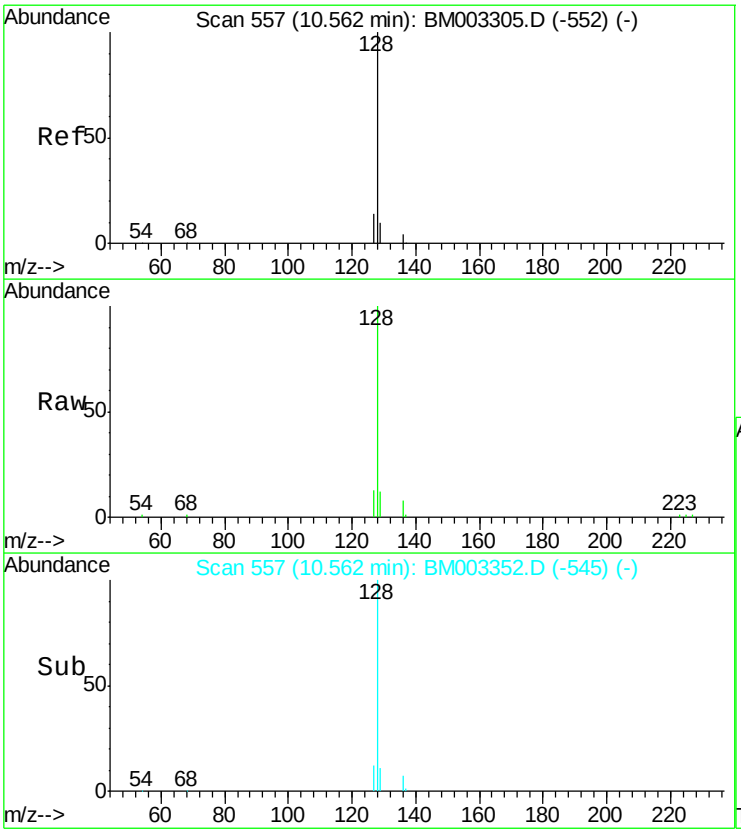
#9
Nitrobenzene
Concen: 0.20 ng
RT: 8.93 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 2418

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.7	56.5
65	12.1	9.8	14.6

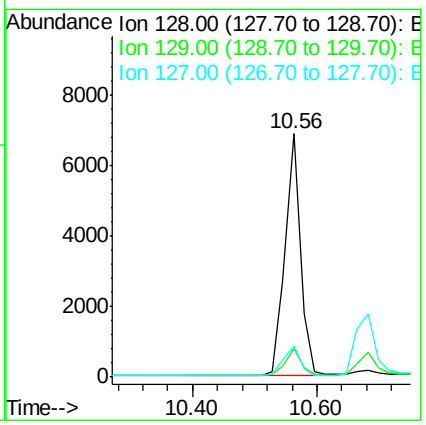


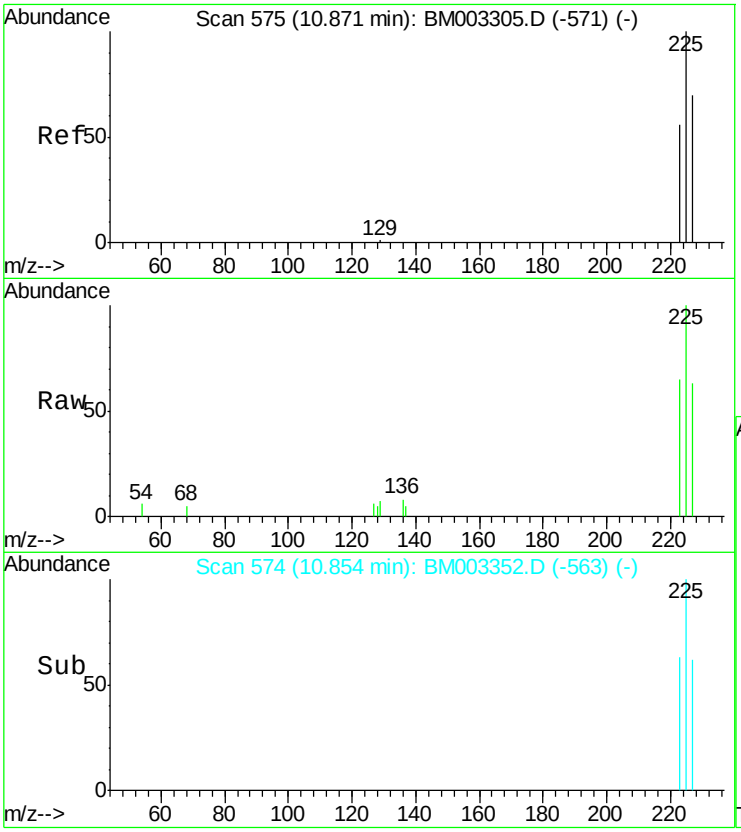


#10
Naphthalene
Concen: 0.22 ng
RT: 10.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:128 Resp: 11820

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	13.0	10.6	16.0



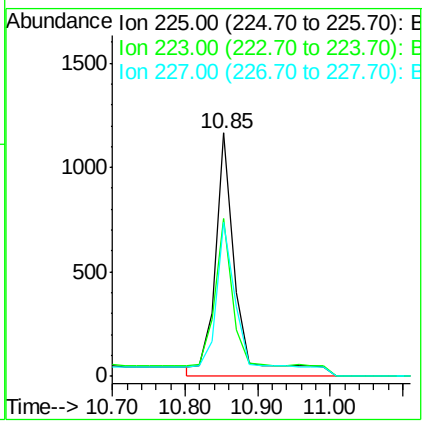


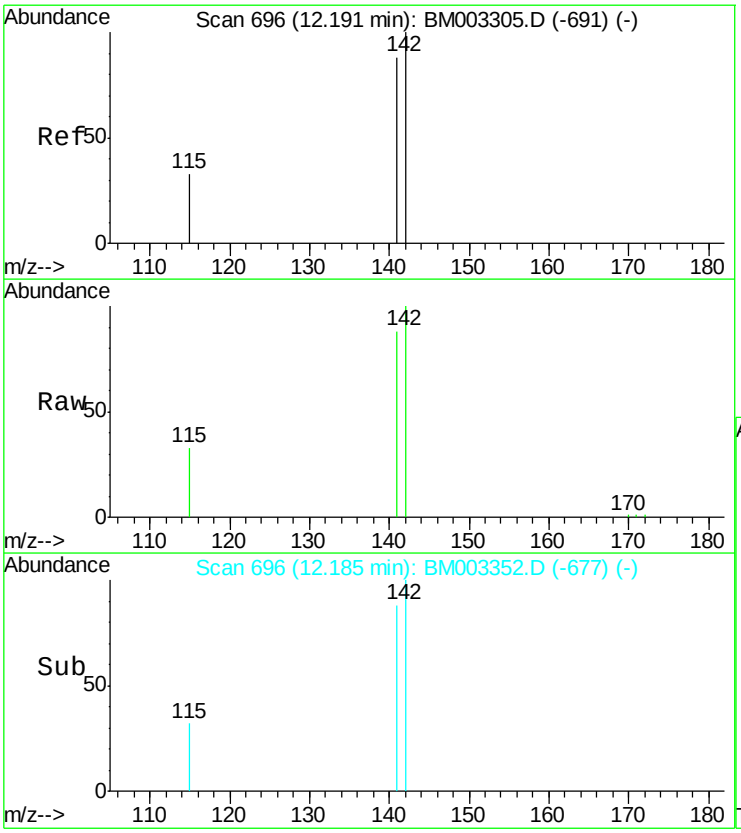
#11
Hexachlorobutadiene
Concen: 0.28 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 2340

Ion	Ratio	Lower	Upper
225	100		
223	74.5	53.0	79.4
227	71.9	52.2	78.4

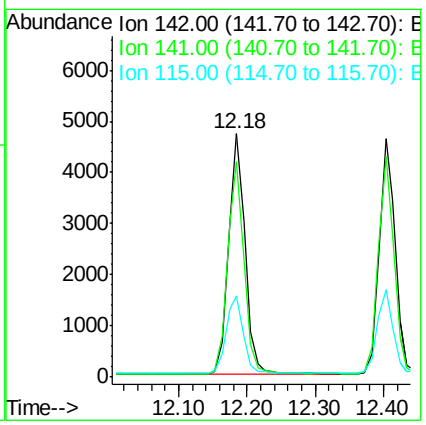


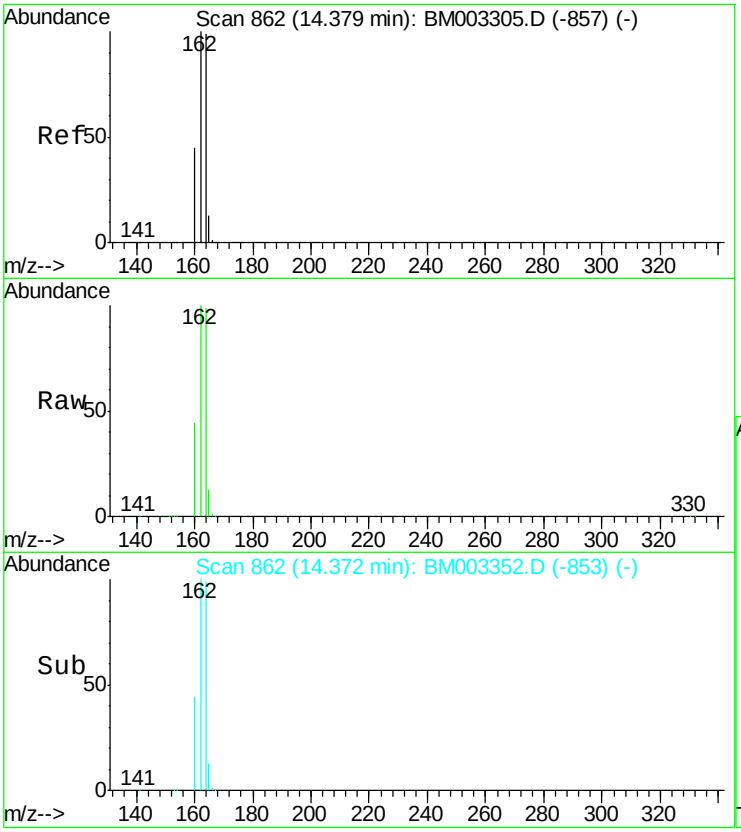


#12
2-Methylnaphthalene
Concen: 0.23 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:142 Resp: 7900

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.2
115	33.2	28.0	42.0



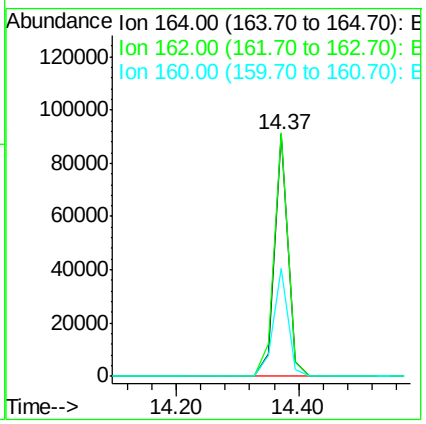


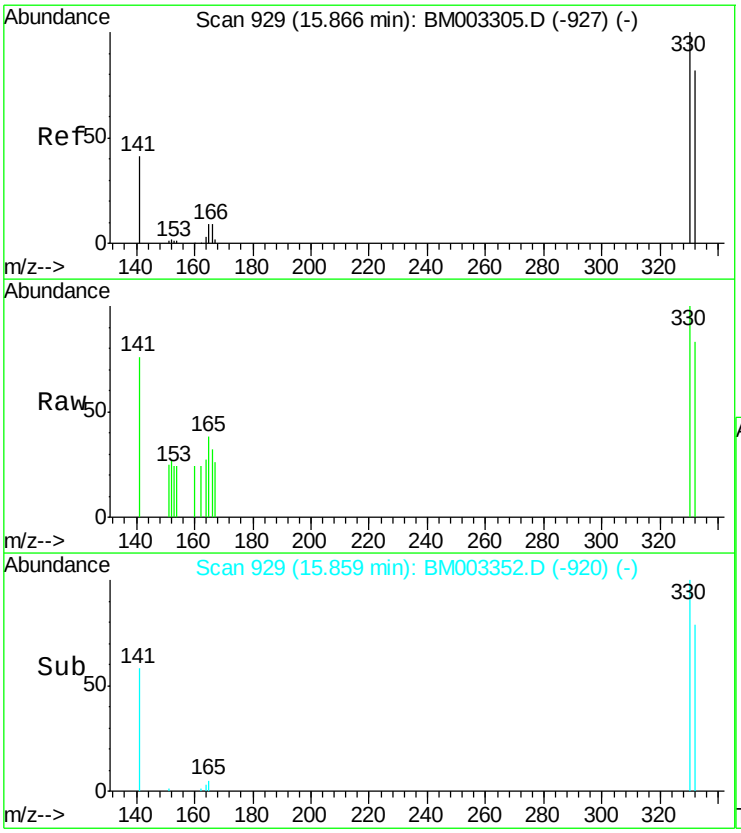
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 140356

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.3	117.5
160	44.5	33.8	50.6

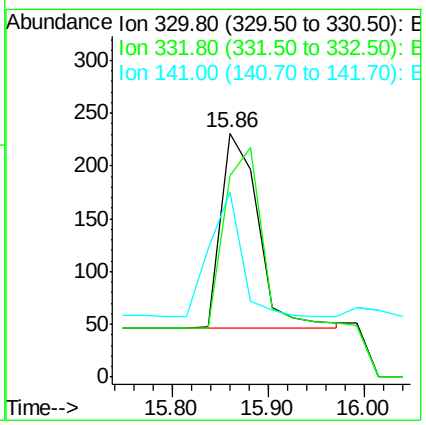


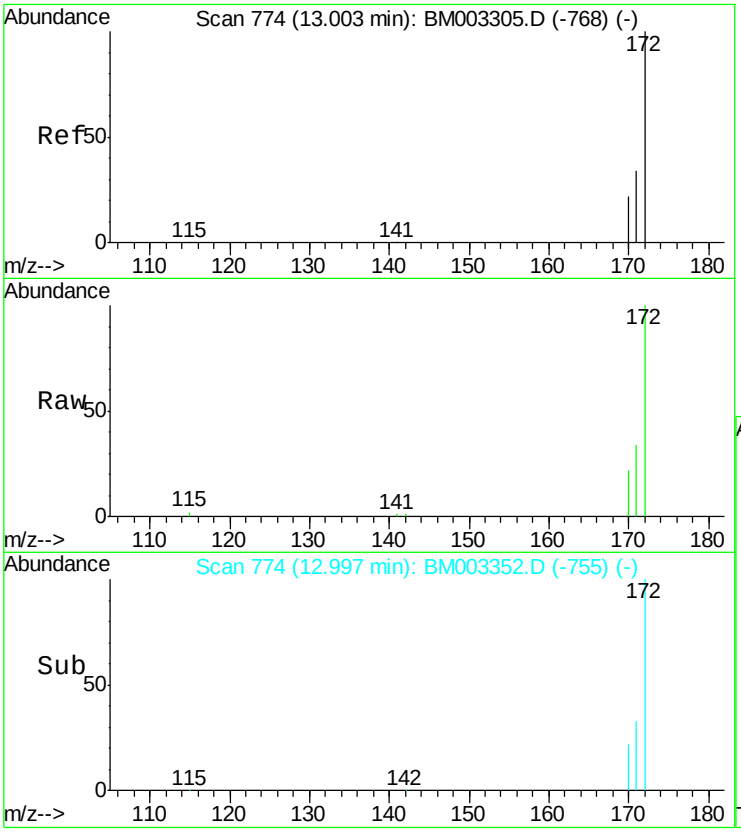


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.86 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:330 Resp: 497

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.0	114.0#
141	55.1	0.0	0.0#



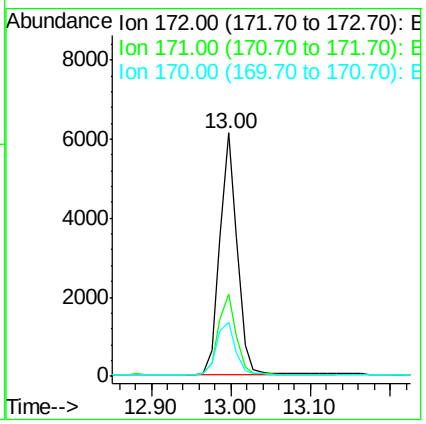


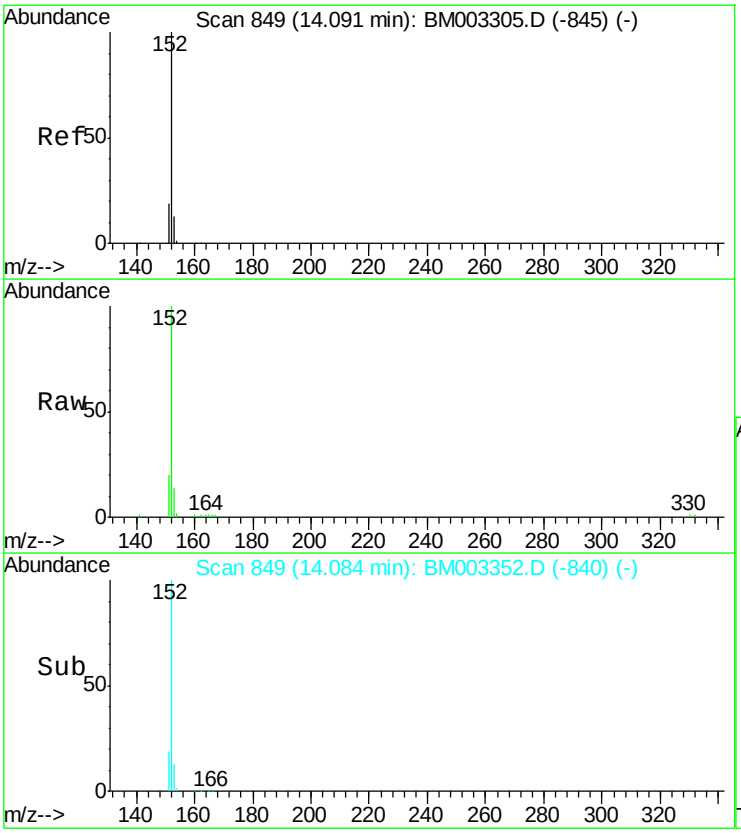
#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 9214

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.0	42.0
170	22.3	18.9	28.3

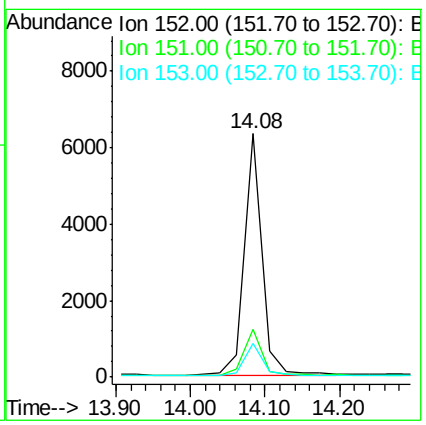


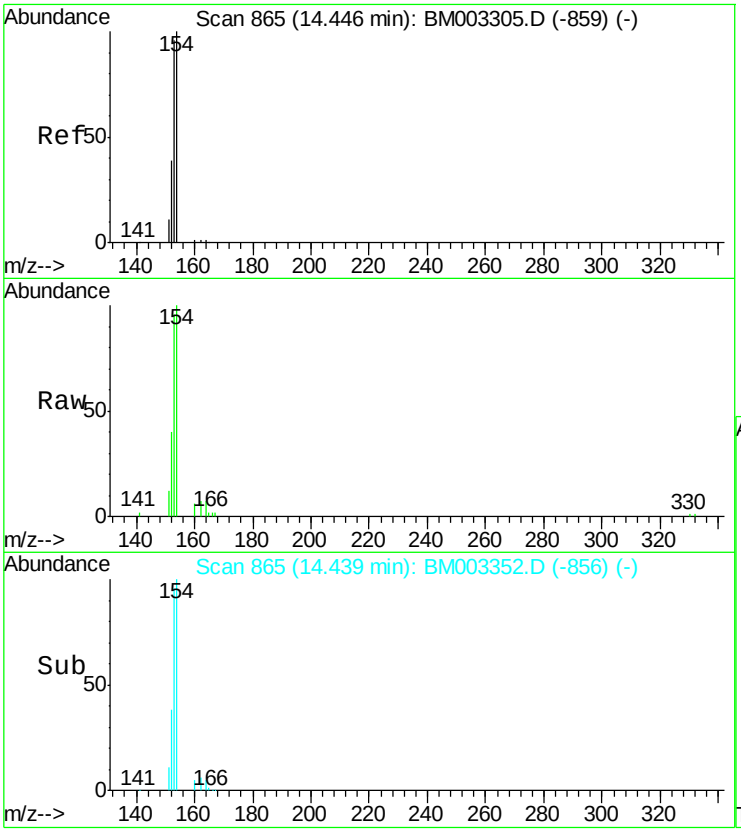


#16
Acenaphthylene
Concen: 0.20 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:152 Resp: 10390

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.1	10.4	15.6



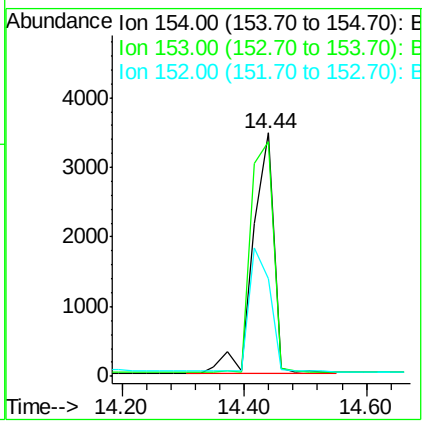


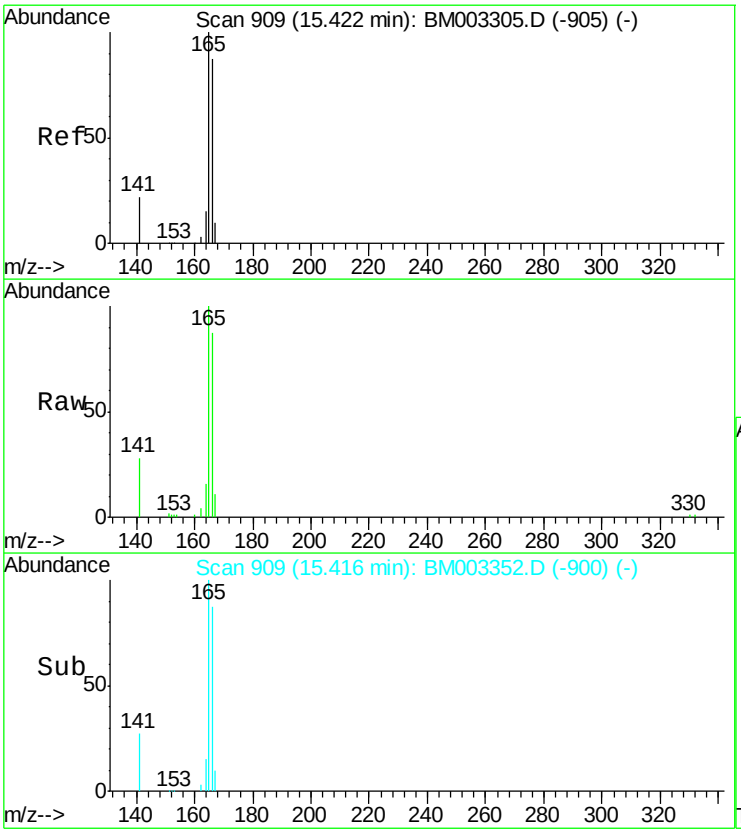
#17
Acenaphthene
Concen: 0.21 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 8177

Ion	Ratio	Lower	Upper
154	100		
153	105.0	0.0	0.0#
152	0.0	0.0	0.0

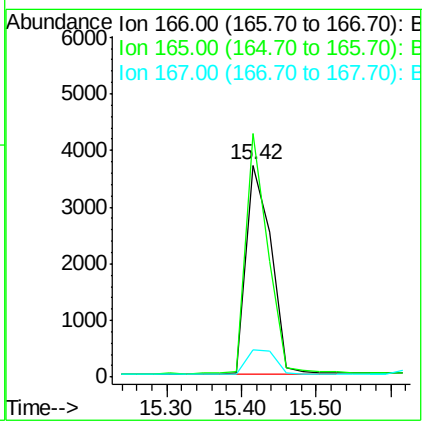


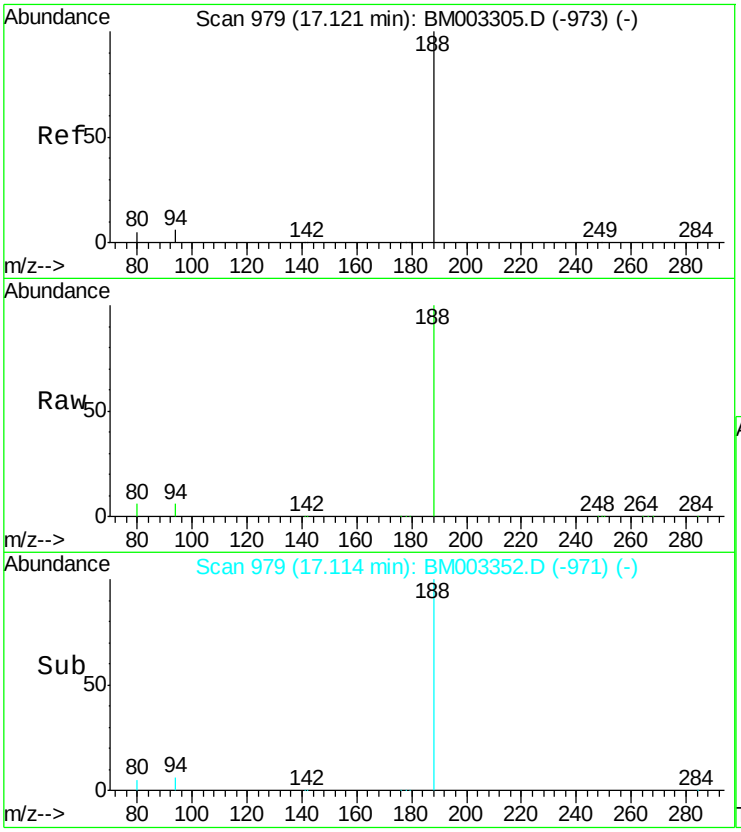


#18
Fluorene
Concen: 0.21 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:166 Resp: 8572

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	13.3	10.5	15.7



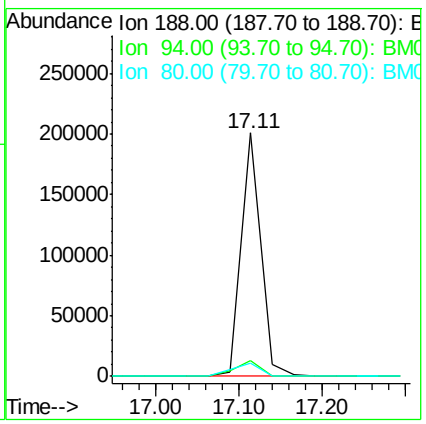


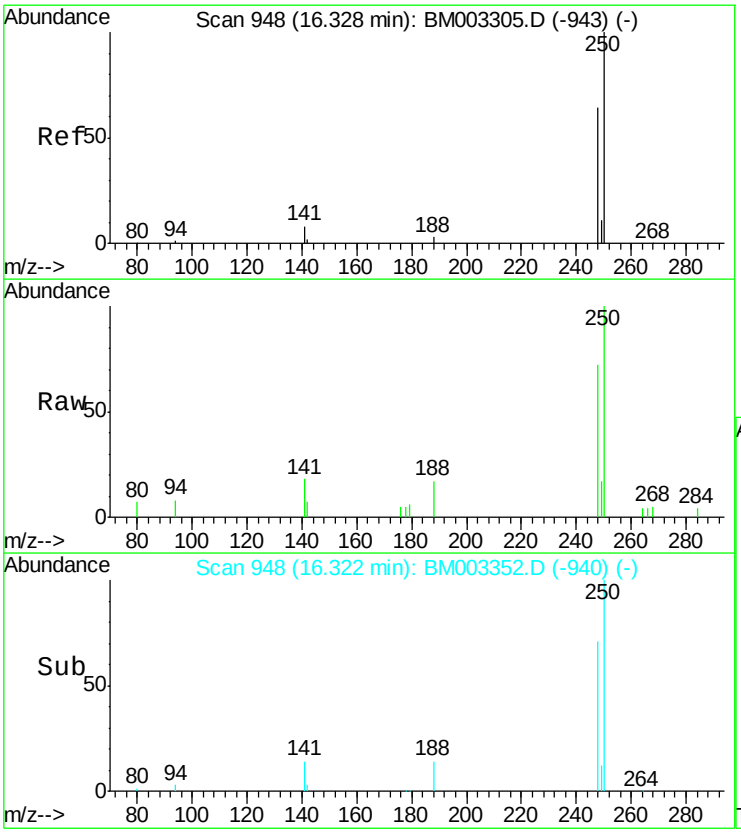
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 333368

Ion	Ratio	Lower	Upper
188	100		
94	6.3	1.8	2.6#
80	5.5	1.4	2.0#

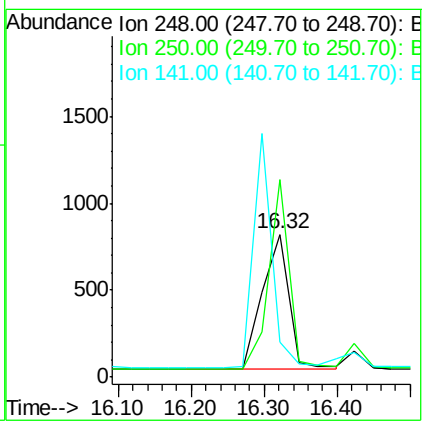


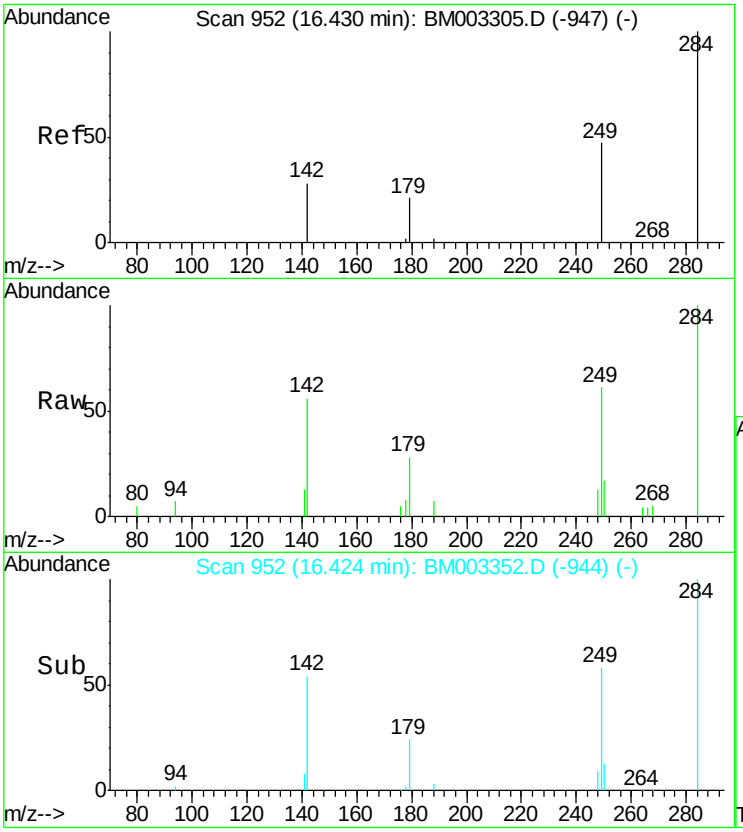


#20
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:248 Resp: 1961

Ion	Ratio	Lower	Upper
248	100		
250	107.3	65.4	98.0#
141	0.0	72.8	109.2#



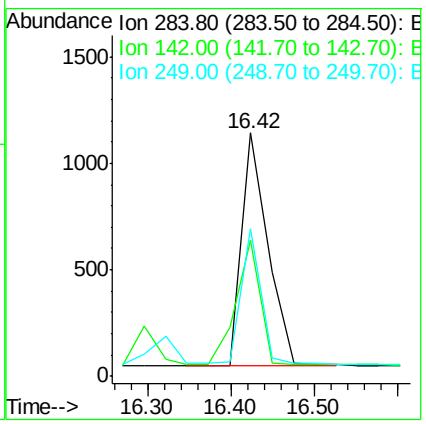


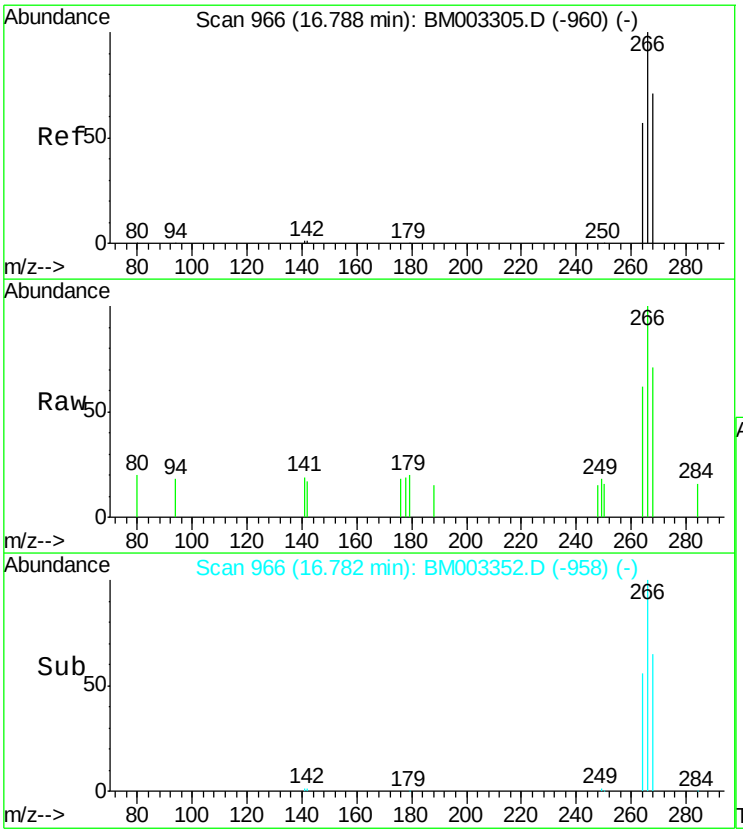
#21
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.42 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2377

Ion	Ratio	Lower	Upper
284	100		
142	50.4	0.0	0.0#
249	44.0	19.4	29.2#

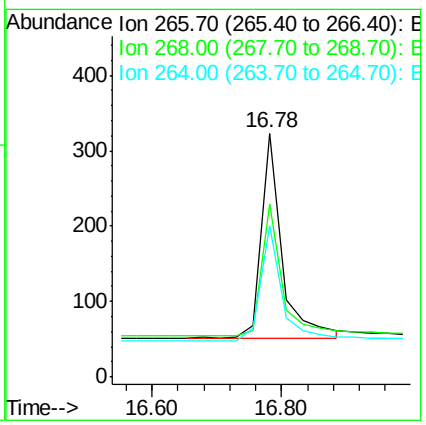


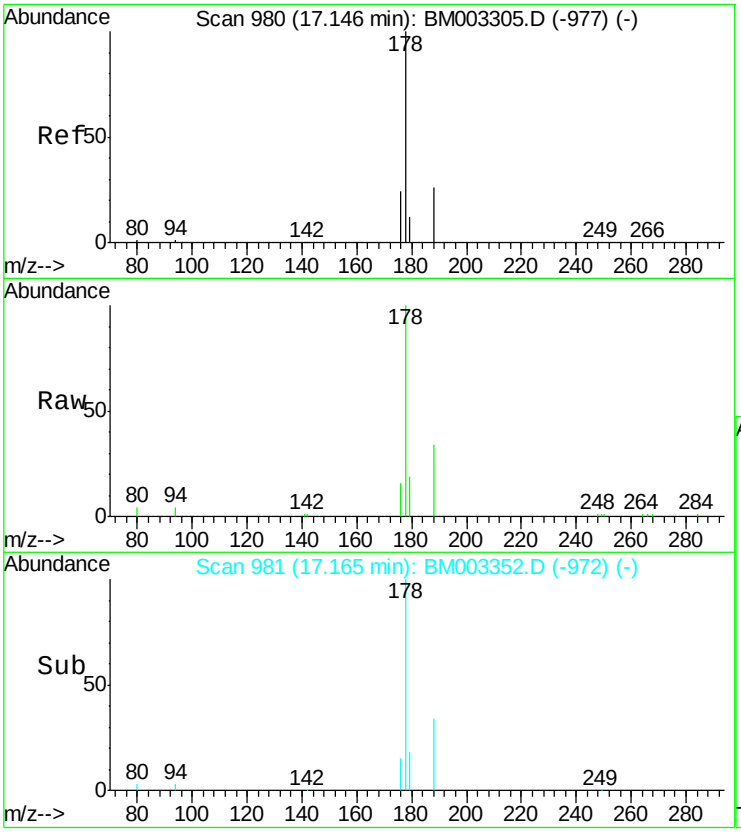


#22
Pentachlorophenol
Concen: 0.25 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:266 Resp: 595

Ion	Ratio	Lower	Upper
266	100		
268	71.2	45.8	68.8#
264	61.9	56.7	85.1



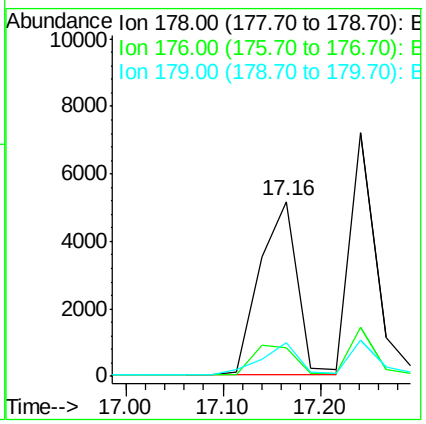


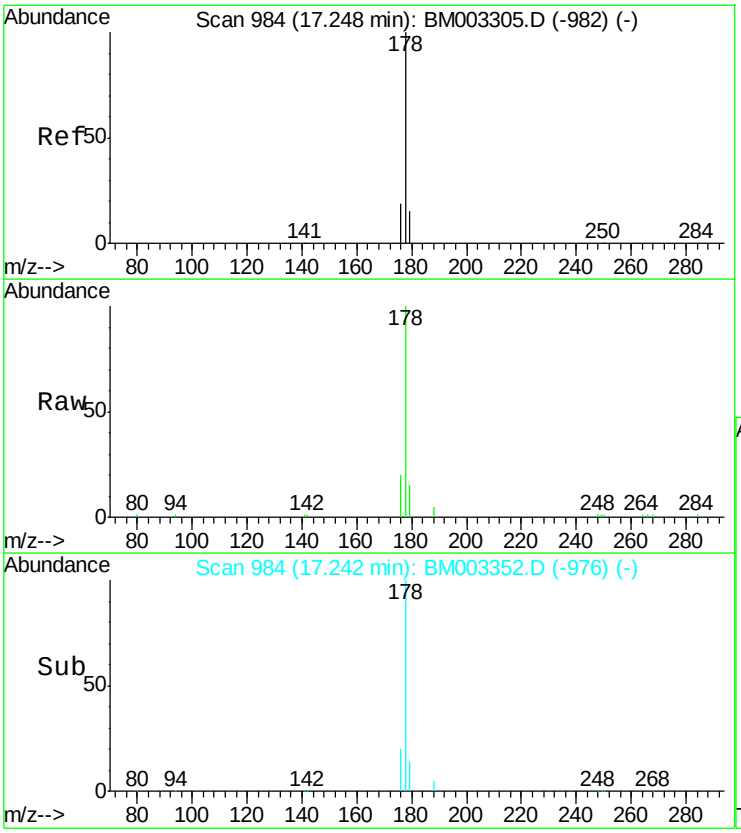
#23
Phenanthrene
Concen: 0.27 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13757

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	17.6	11.7	17.5#

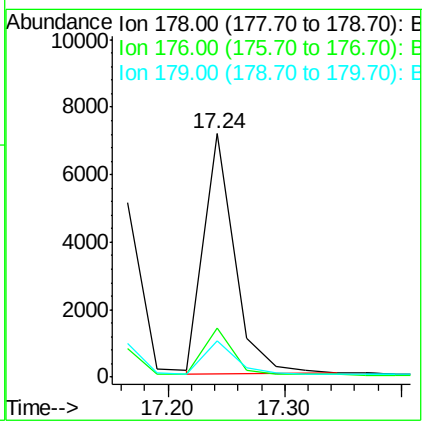


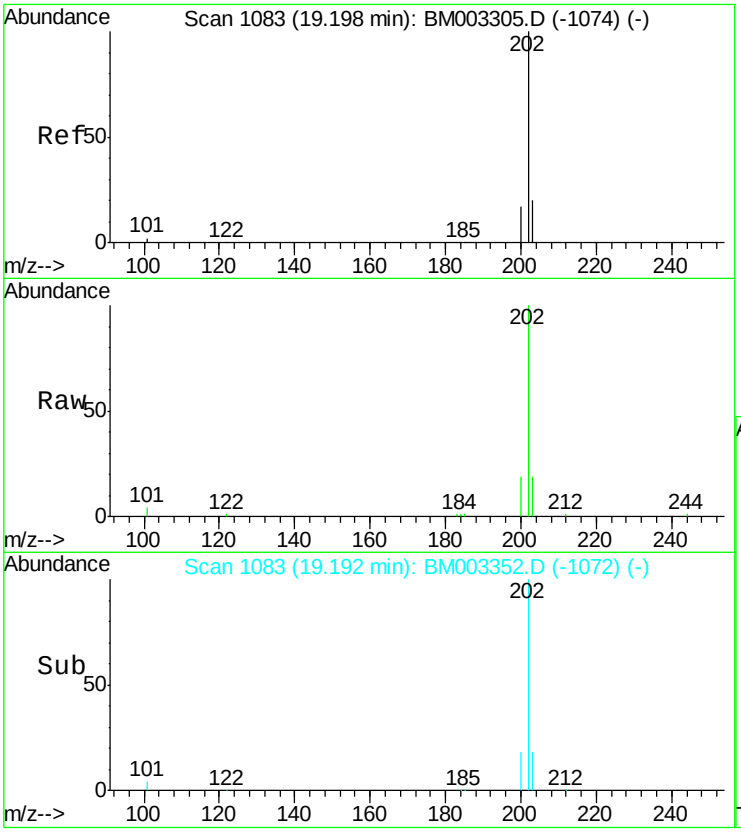


#24
Anthracene
Concen: 0.21 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:178 Resp: 12856

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	14.8	12.8	19.2



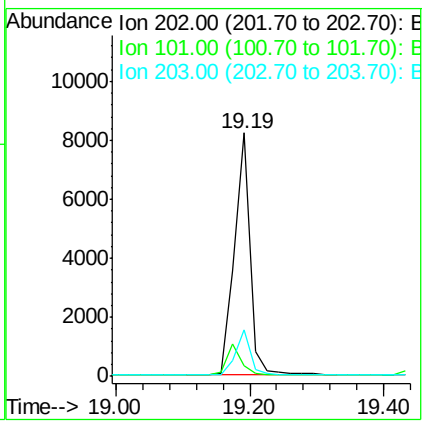


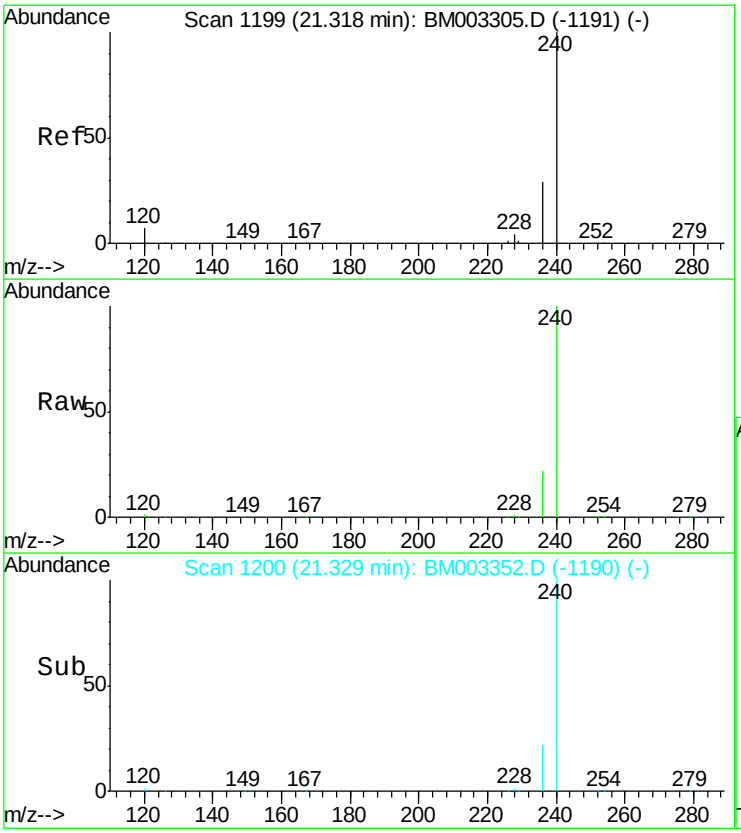
#25
Fluoranthene
Concen: 0.18 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 13327

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.9	14.9
203	17.4	13.9	20.9

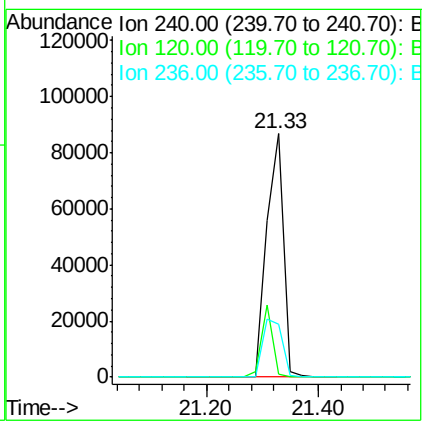


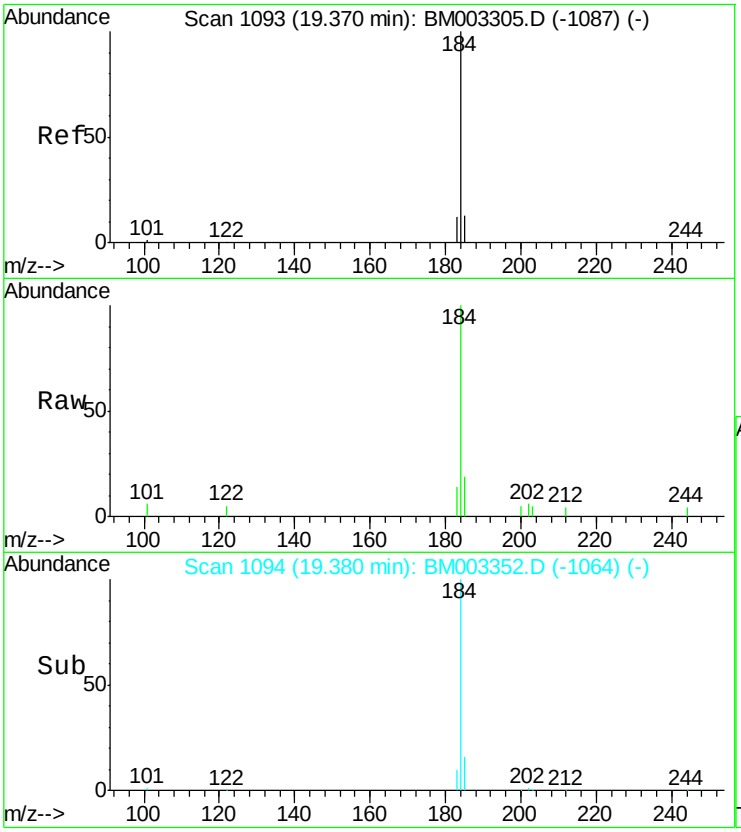


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:240 Resp: 179061

Ion	Ratio	Lower	Upper
240	100		
120	1.3	1.0	1.4
236	22.0	17.9	26.9



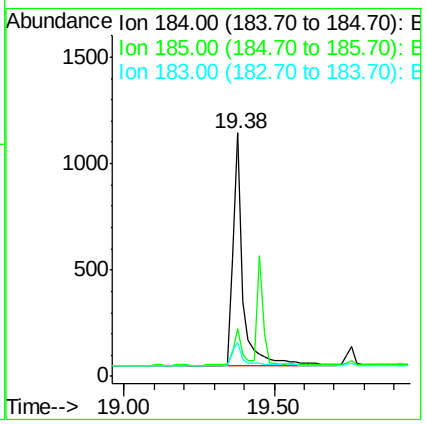


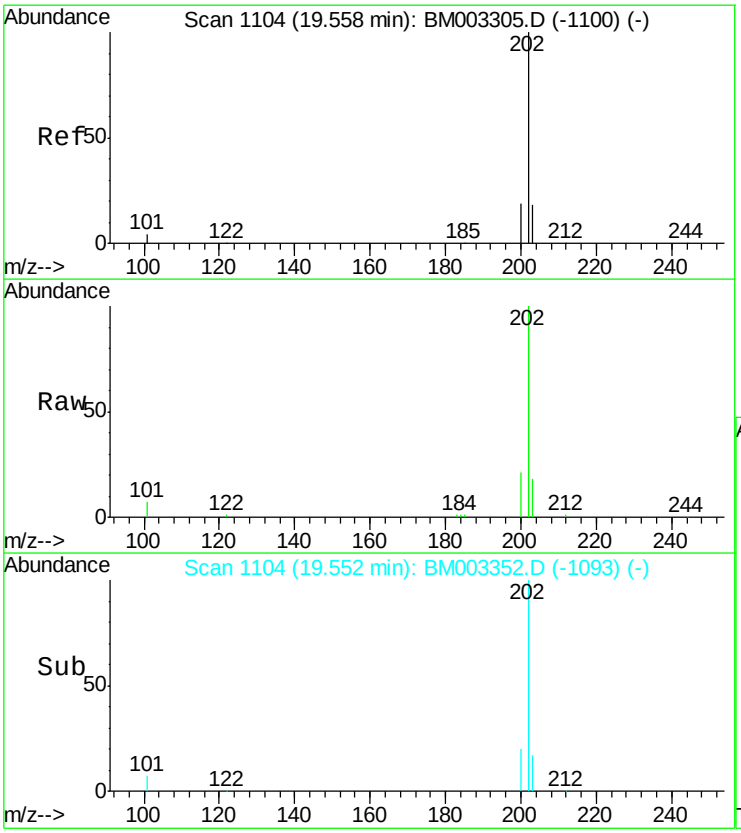
#27
Benzidine
Concen: 0.45 ng
RT: 19.38 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:184 Resp: 2494

Ion	Ratio	Lower	Upper
184	100		
185	19.4	11.6	17.4#
183	14.0	8.6	13.0#

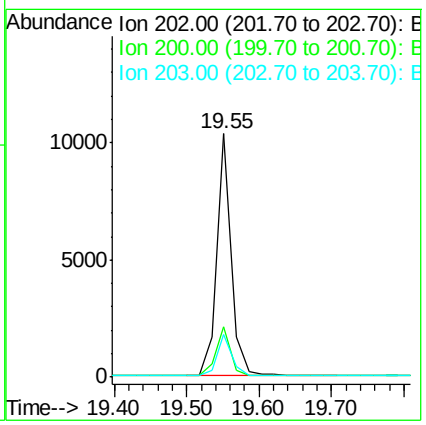


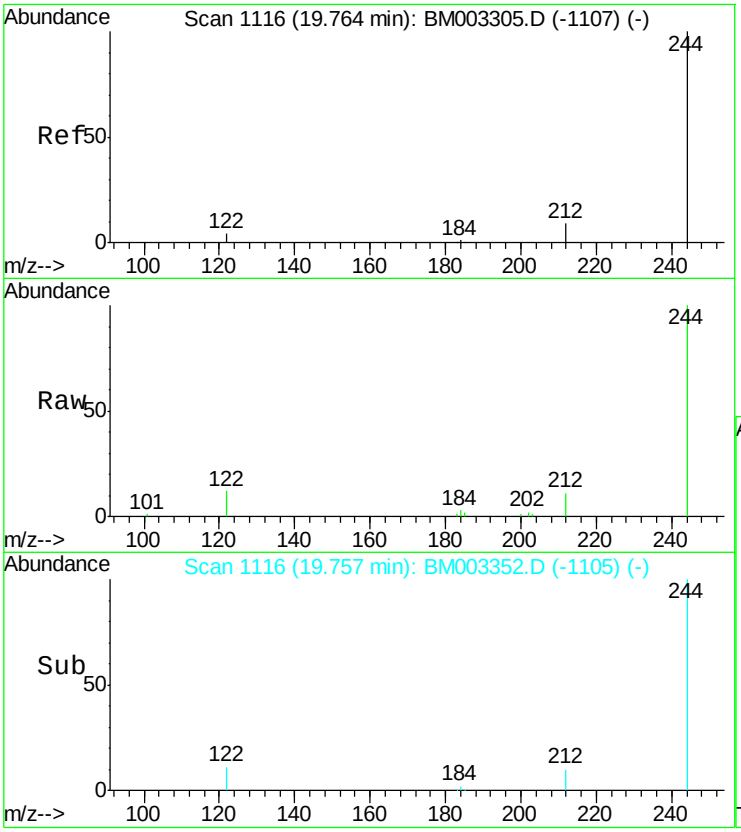


#28
Pyrene
Concen: 0.26 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:202 Resp: 14432

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	13.8	20.6



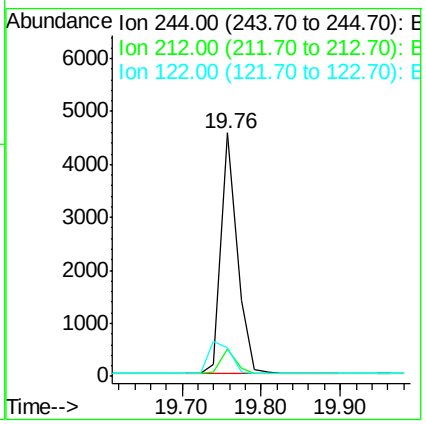


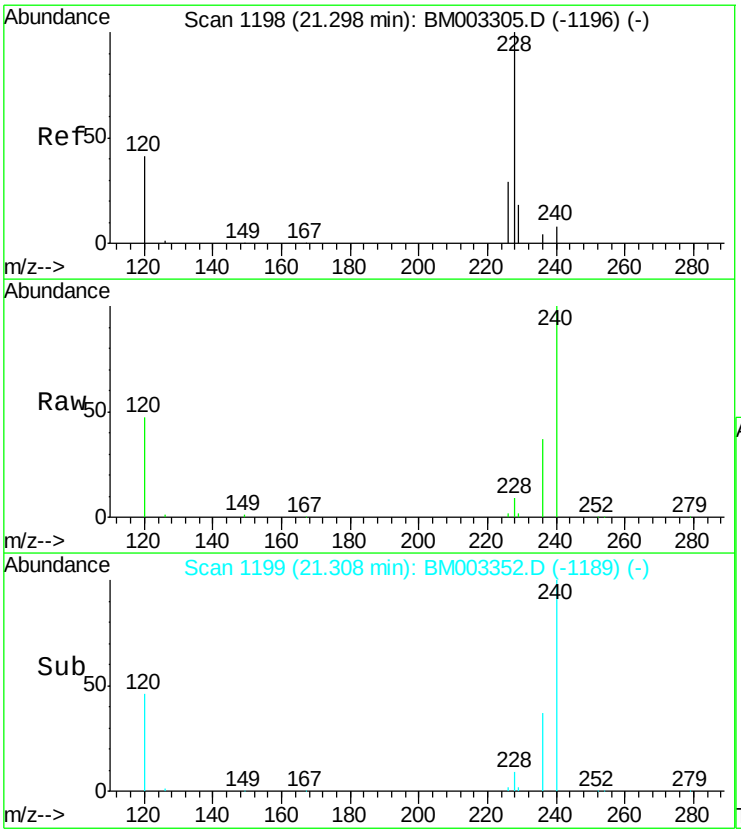
#29
Terphenyl-d14
Concen: 0.26 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6439

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.5	9.7#
122	11.7	2.0	3.0#

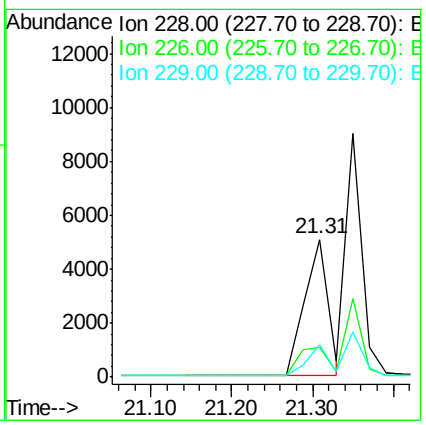


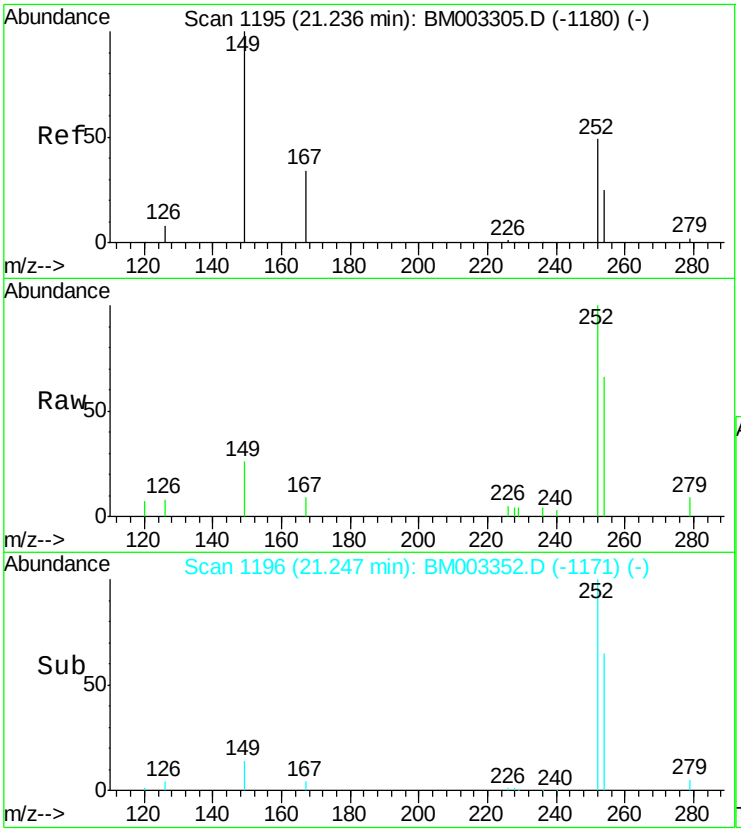


#30
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:228 Resp: 10073

Ion	Ratio	Lower	Upper
228	100		
226	22.0	17.8	26.6
229	23.7	18.0	27.0



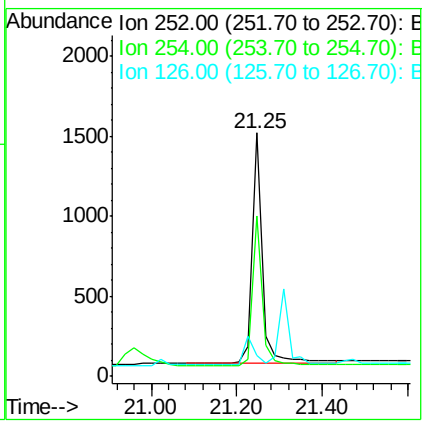


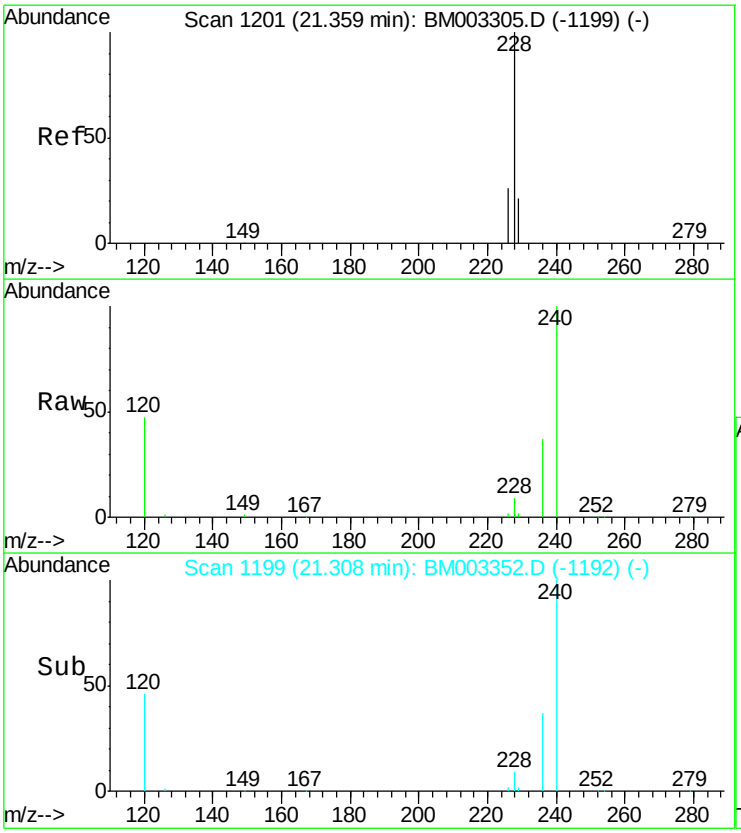
#31
3,3'-Dichlorobenzidine
Concen: 0.41 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2415

Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.7	80.5
126	8.4	2.8	4.2#

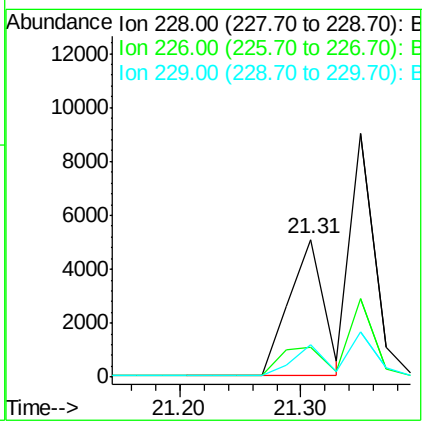


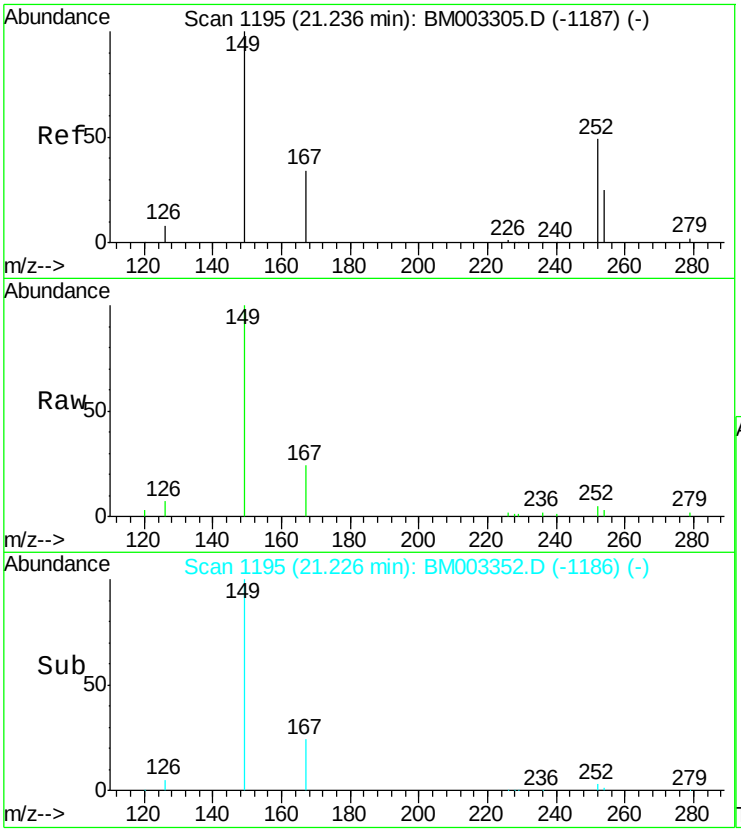


#32
Chrysene
Concen: 0.21 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:228 Resp: 10063

Ion	Ratio	Lower	Upper
228	100		
226	22.0	25.5	38.3#
229	23.7	14.3	21.5#



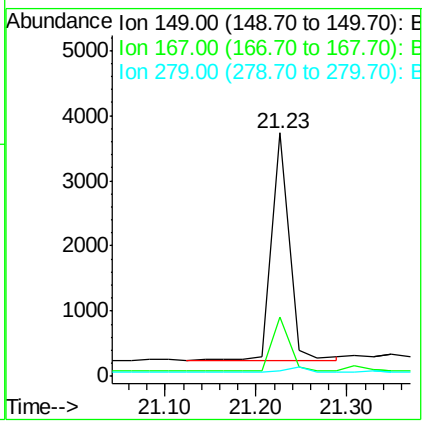


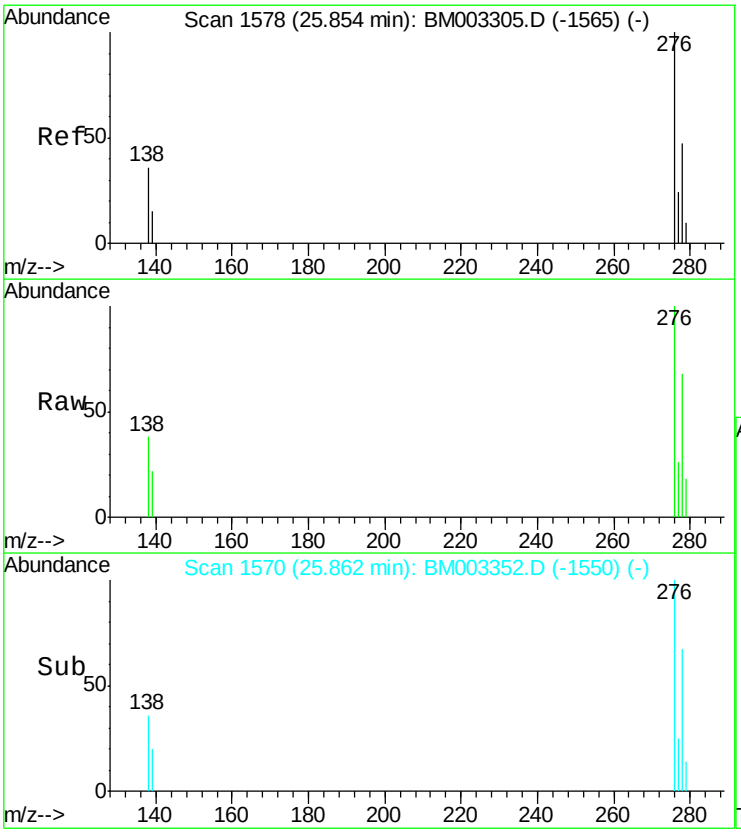
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 4683

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.6	29.4
279	0.0	0.0	0.0

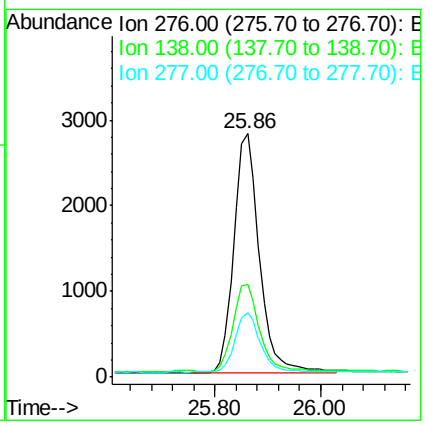


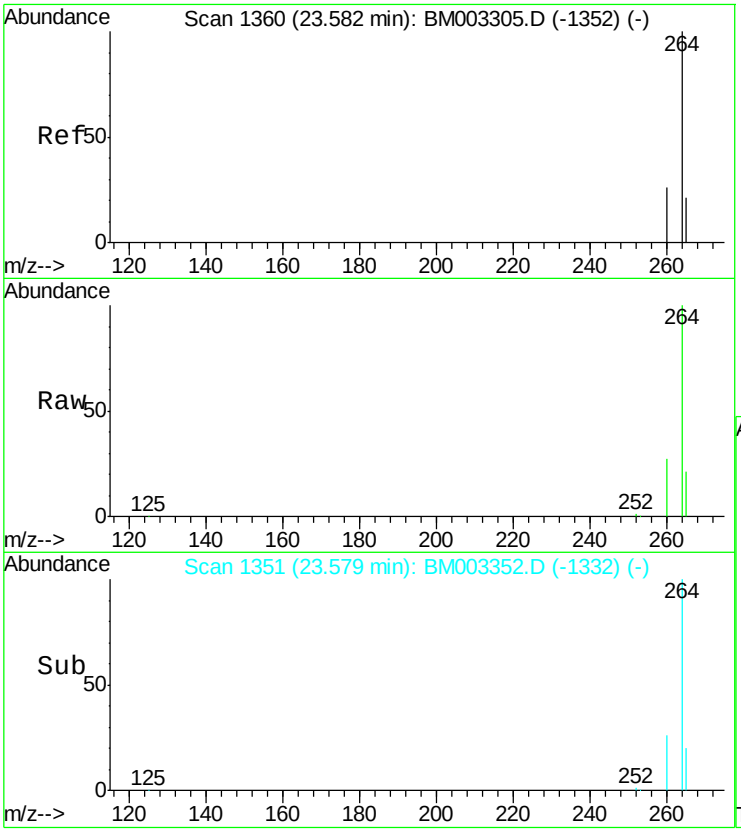


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 25.86 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:276 Resp: 9333

Ion	Ratio	Lower	Upper
276	100		
138	37.0	19.1	28.7#
277	24.8	15.9	23.9#



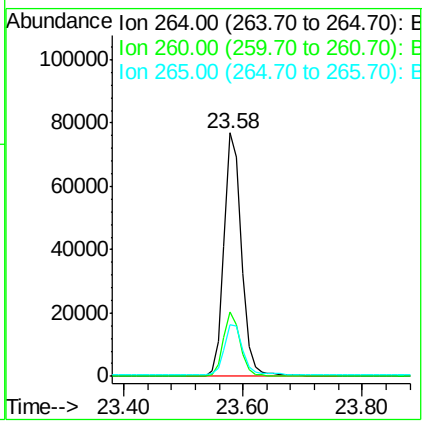


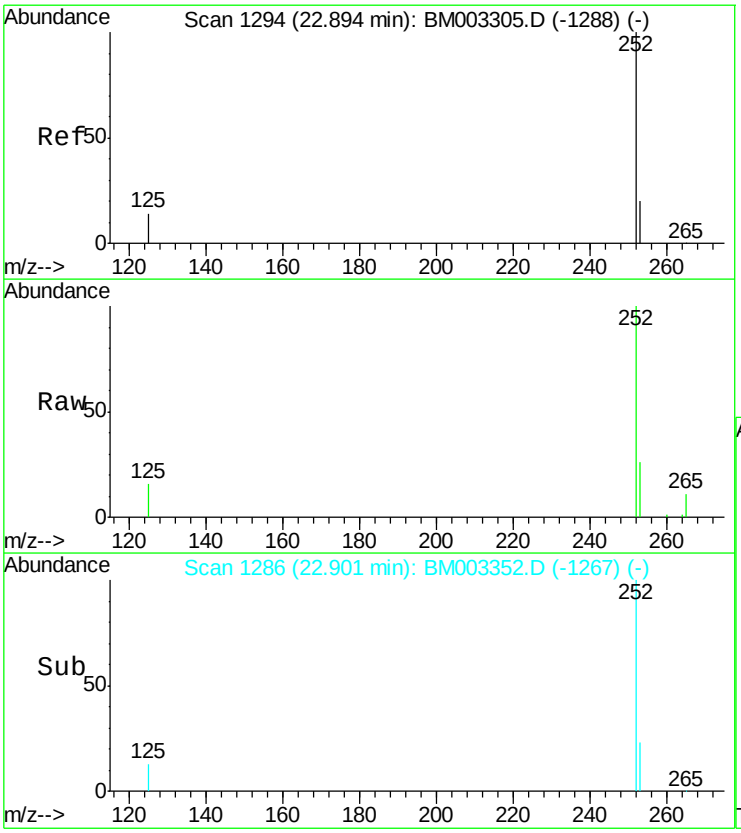
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 156646

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.6	29.4
265	21.0	18.4	27.6

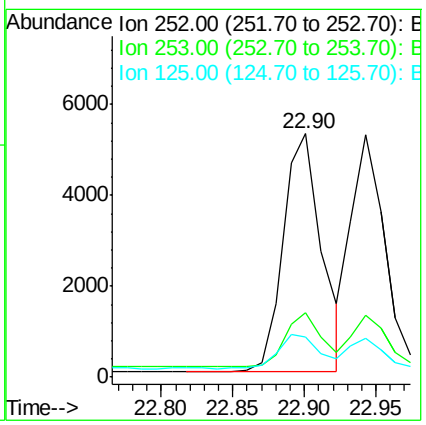


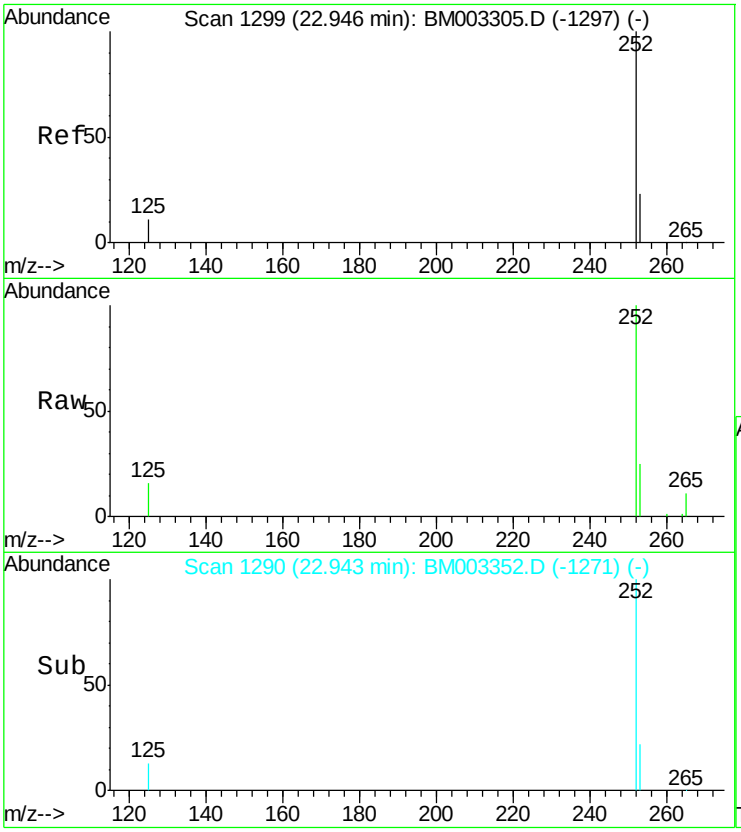


#36
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.90 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:252 Resp: 9783

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.4
125	16.3	10.3	15.5#



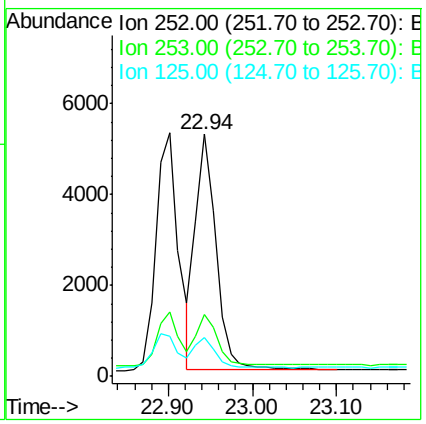


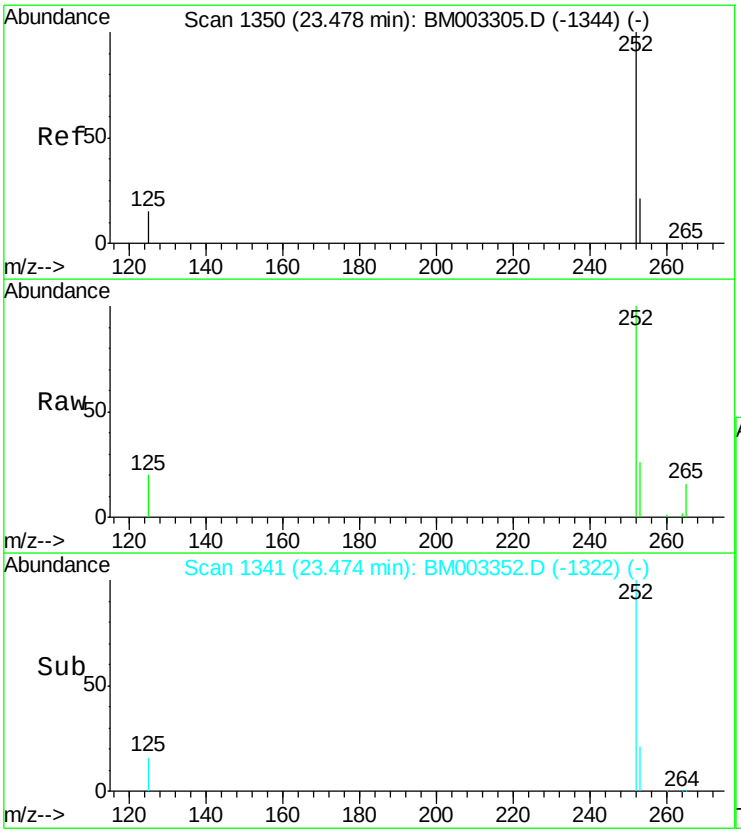
#37
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 22.94 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8758

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.5	26.3
125	16.2	10.7	16.1#

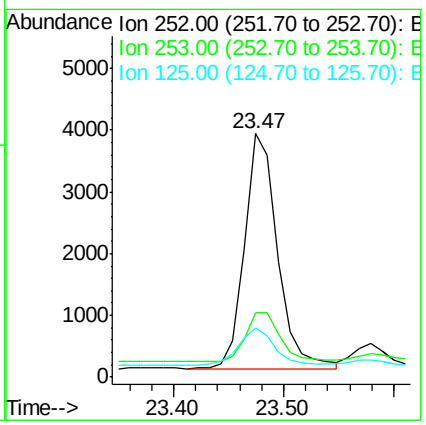


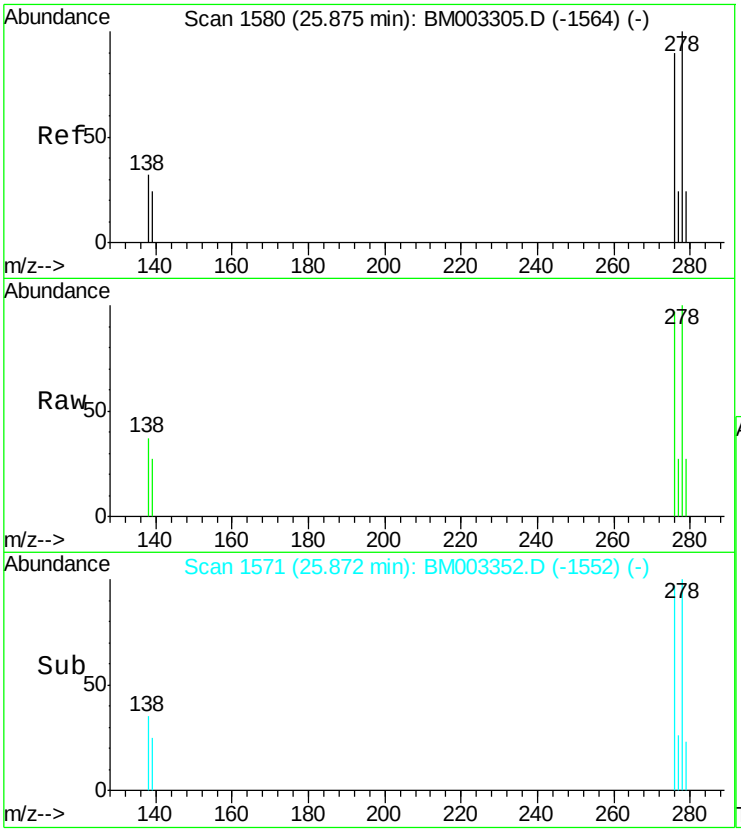


#38
Benzo(a)pyrene
Concen: 0.22 ng
RT: 23.47 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:252 Resp: 7907

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.7	28.1
125	20.1	11.6	17.4#



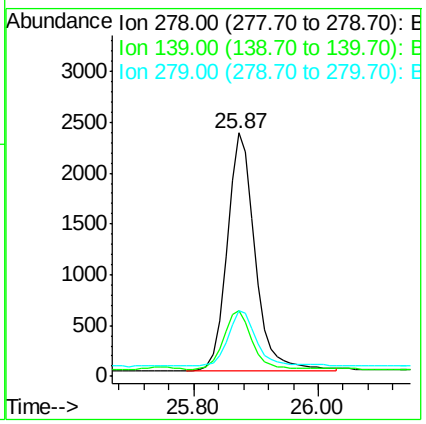


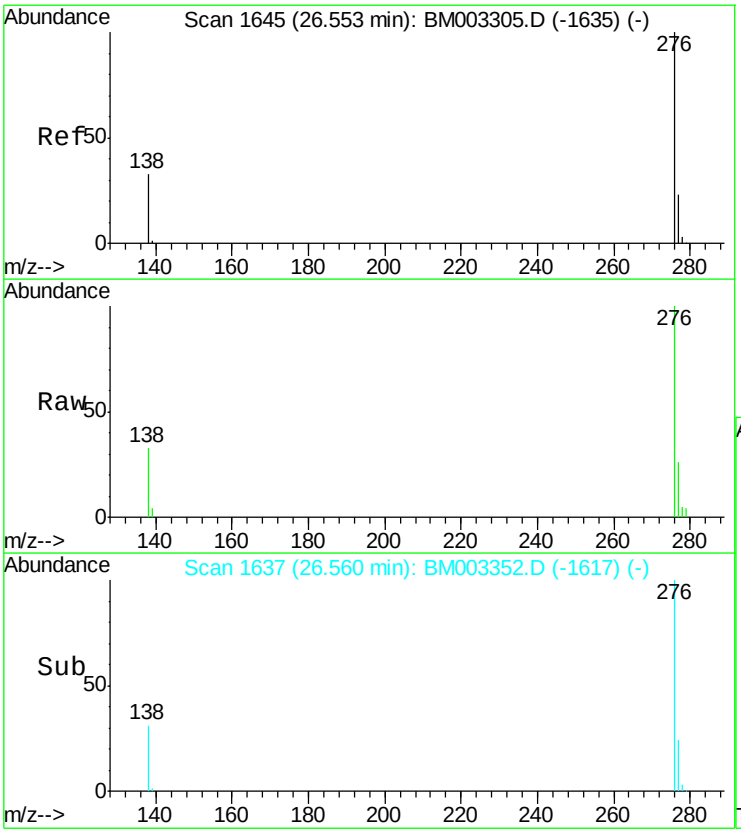
#39
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 25.87 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 7368

Ion	Ratio	Lower	Upper
278	100		
139	27.2	18.2	27.4
279	26.8	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 26.56 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BM003352.D
Acq: 02 Dec 2015 11:52

Tgt Ion:276 Resp: 8118

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.6
138	33.1	22.3	33.5