Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003353.D
Acq On : 02 Dec 2015 12:28
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Dec 02 13:18:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:43:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	60767	5.00	ng		-0.02
7) Naphthalene-d8	10.51	136	258075	5.00	ng		-0.02
13) Acenaphthene-d10	14.38	164	135360	5.00	ng		0.00
19) Phenanthrene-d10	17.12	188	309102	5.00	ng		0.00
26) Chrysene-d12	21.32	240	226350	5.00	ng		0.00
35) Perylene-d12	23.58	264	161620	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5800	0.48	ng		0.00
5) Phenol-d6	6.88	99	6950	0.51	ng		-0.02
8) Nitrobenzene-d5	8.88	82	5506	0.48	ng		-0.01
14) 2,4,6-Tribromophenol	15.87	330	1385	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	22023	0.50	ng		-0.01
29) Terphenyl-d14	19.76	244	16288	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	2894	0.49	ng		97
3) n-Nitrosodimethylamine	3.54	42	2608	0.46	ng		96
6) bis(2-Chloroethyl)ether	7.16	93	7105	0.51	ng		100
9) Nitrobenzene	8.92	77	5871	0.47	ng		100
10) Naphthalene	10.56	128	27684	0.50	ng		98
11) Hexachlorobutadiene	10.85	225	4213	0.50	ng		97
12) 2-Methylnaphthalene	12.18	142	18732	0.54	ng		99
16) Acenaphthylene	14.09	152	24637	0.50	ng		100
17) Acenaphthene	14.42	154	19511	0.51	ng	#	100
18) Fluorene	15.42	166	23414	0.61	ng		98
20) 4-Bromophenyl-phenylether	16.30	248	5695	0.54	ng		93
21) Hexachlorobenzene	16.43	284	7169	0.66	ng	#	84
22) Pentachlorophenol	16.79	266	1296	0.32	ng	#	79
23) Phenanthrene	17.15	178	37713	0.53	ng		99
24) Anthracene	17.25	178	31984	0.55	ng		100
25) Fluoranthene	19.18	202	32976	0.49	ng		99
27) Benzidine	19.37	184	6693	0.64	ng		98
28) Pyrene	19.56	202	35797	0.52	ng		99
30) Benzo(a)anthracene	21.30	228	36220	0.63	ng	#	90
31) 3,3'-Dichlorobenzidine	21.24	252	5469	0.45	ng	#	81
32) Chrysene	21.30	228	36220	0.53	ng		95
33) Bis(2-ethylhexyl)phthalate	21.24	149	8115	0.35	ng	#	92
34) Indeno(1,2,3-cd)pyrene	25.85	276	22391	0.43	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	23861	0.51	ng		97
37) Benzo(k)fluoranthene	22.94	252	21305	0.51	ng		98
38) Benzo(a)pyrene	23.47	252	19216	0.52	ng		97
39) Dibenzo(a,h)anthracene	25.87	278	17974	0.56	ng		96
40) Benzo(g,h,i)perylene	26.55	276	19146	0.50	ng		94

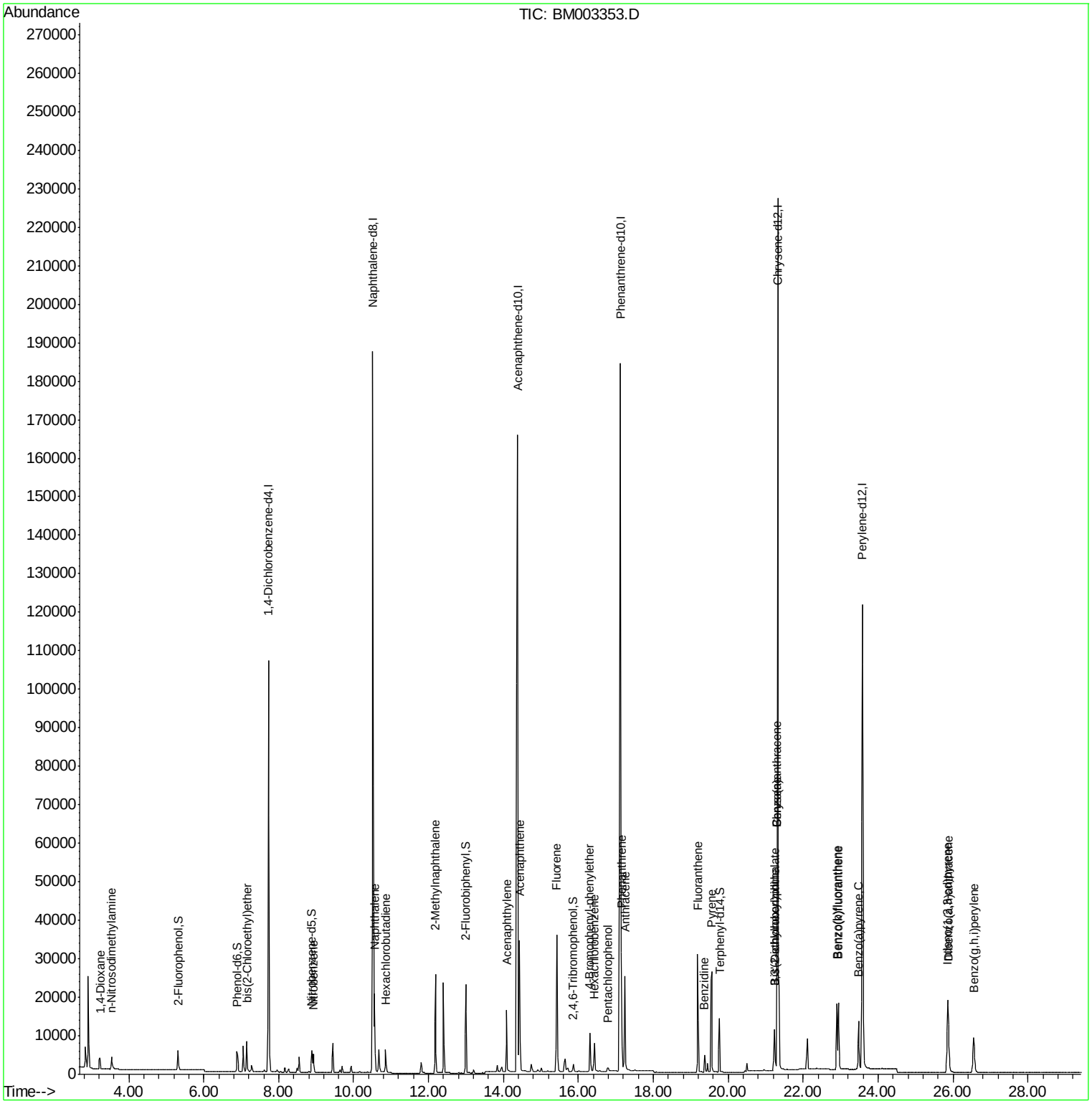
(#) = qualifier out of range (m) = manual integration (+) = signals summed

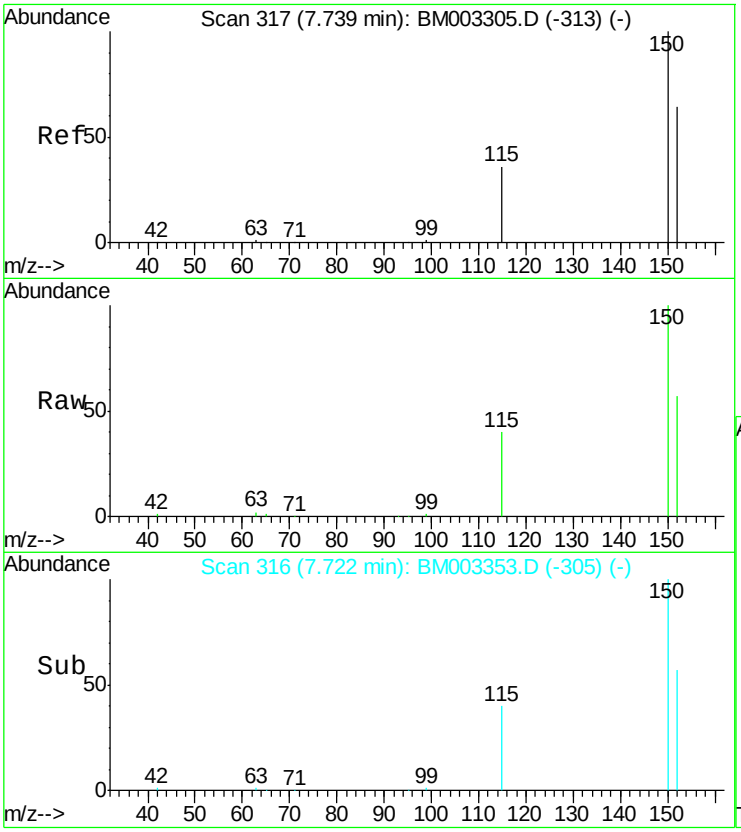
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003353.D
Acq On : 02 Dec 2015 12:28
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Dec 02 13:18:02 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:43:07 2015
Response via : Initial Calibration



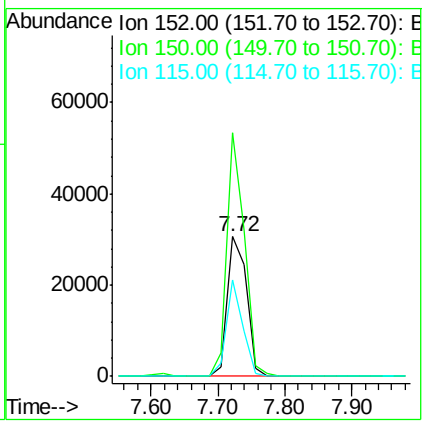


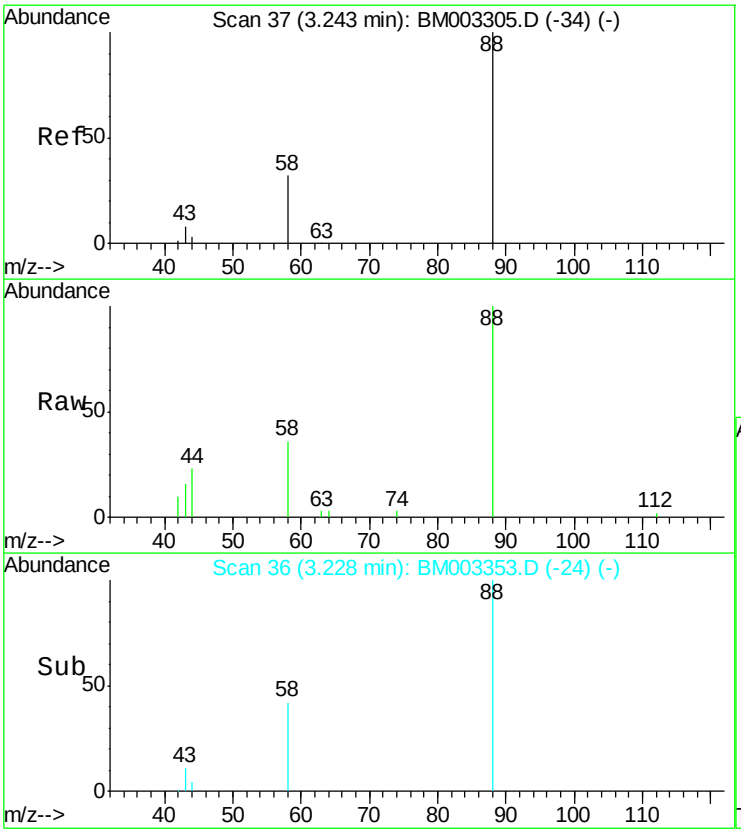
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 60767

Ion	Ratio	Lower	Upper
152	100		
150	174.5	143.6	215.4
115	69.5	58.5	87.7

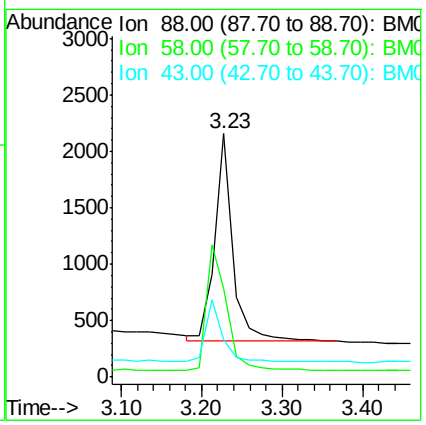


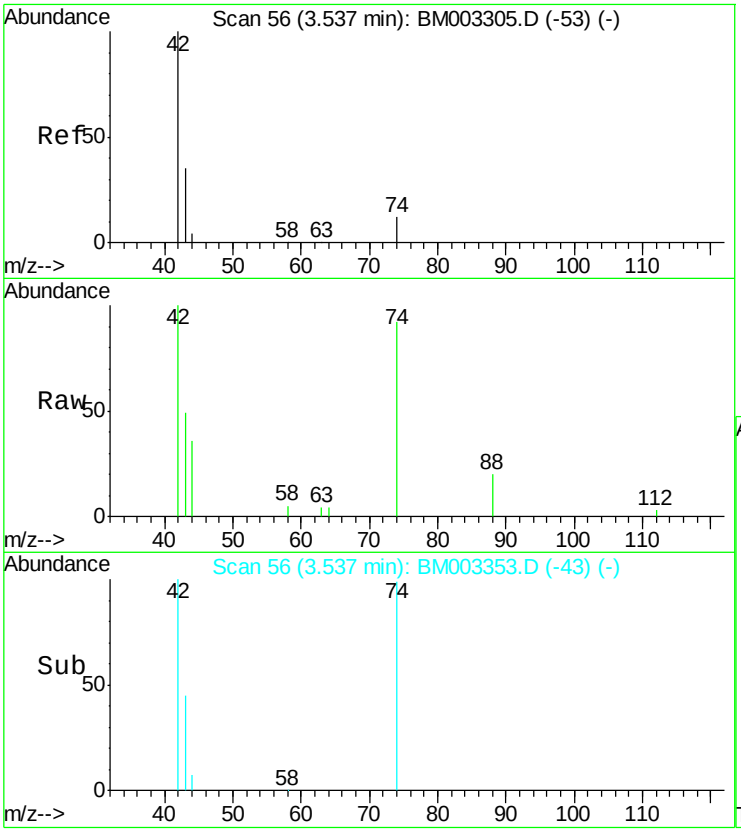


#2
1,4-Dioxane
Concen: 0.49 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion: 88 Resp: 2894

Ion	Ratio	Lower	Upper
88	100		
58	66.0	55.2	82.8
43	28.0	21.8	32.6



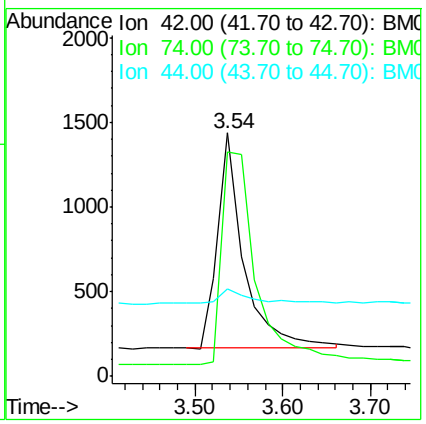


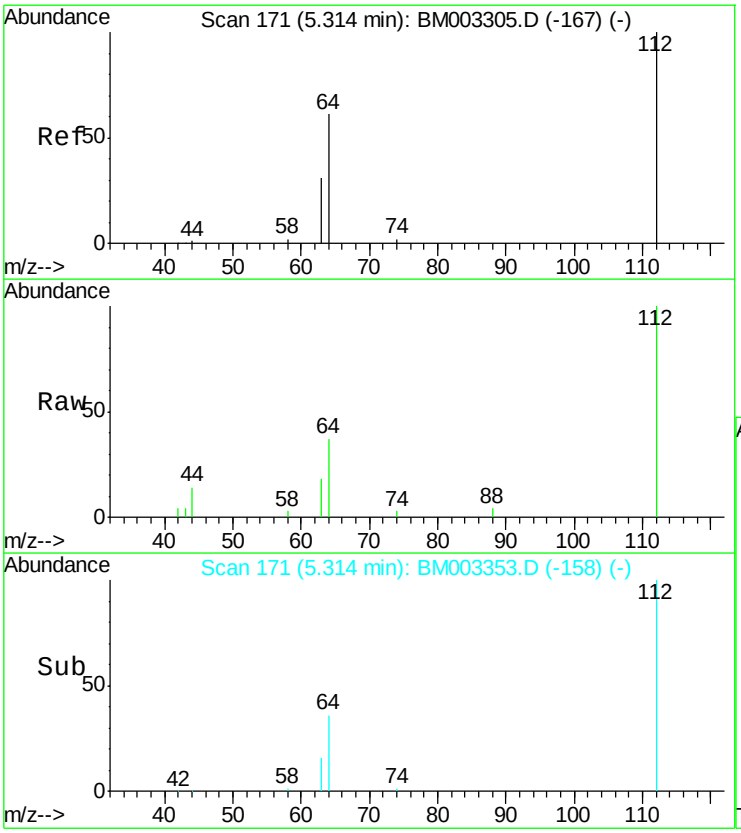
#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.54 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 2608

Ion	Ratio	Lower	Upper
42	100		
74	131.1	101.0	151.4
44	9.3	6.3	9.5

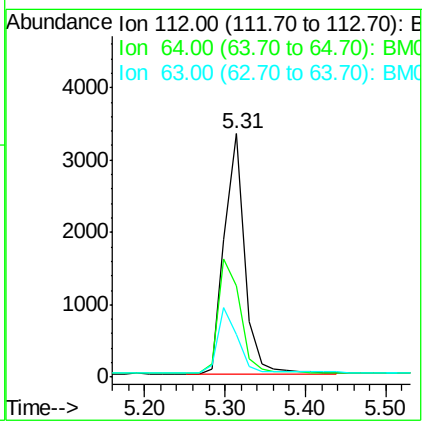


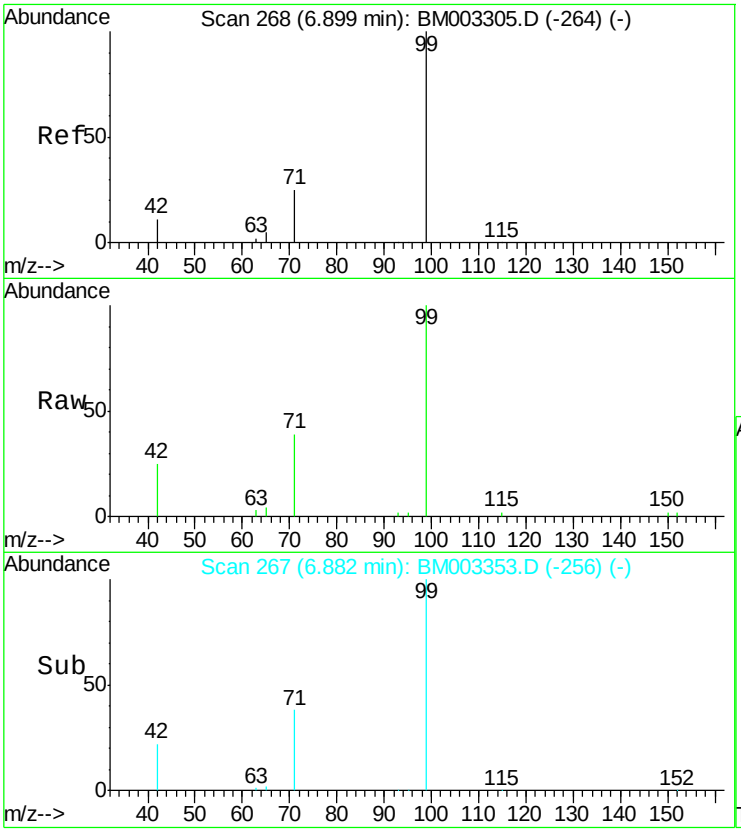


#4
2-Fluorophenol
Concen: 0.48 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:112 Resp: 5800

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.2	61.8
63	27.2	21.2	31.8



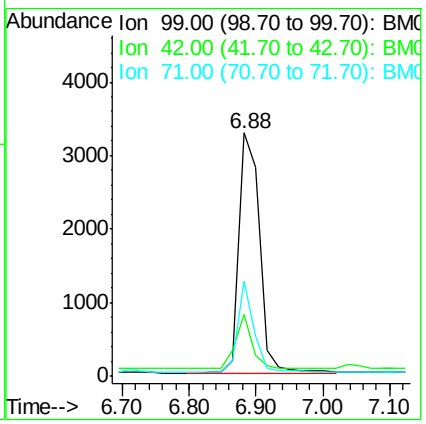


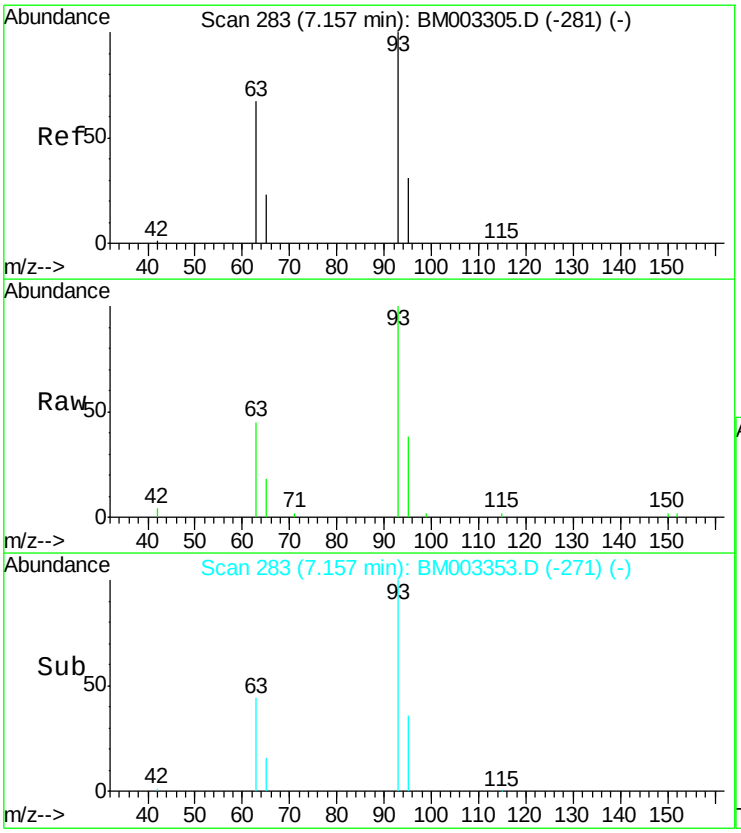
#5
Phenol-d6
Concen: 0.51 ng
RT: 6.88 min Scan# 267
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 6950

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	29.7	23.3	34.9

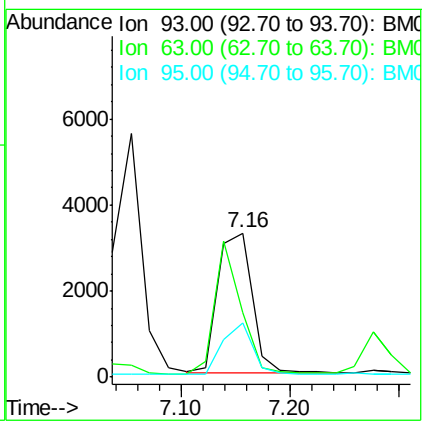


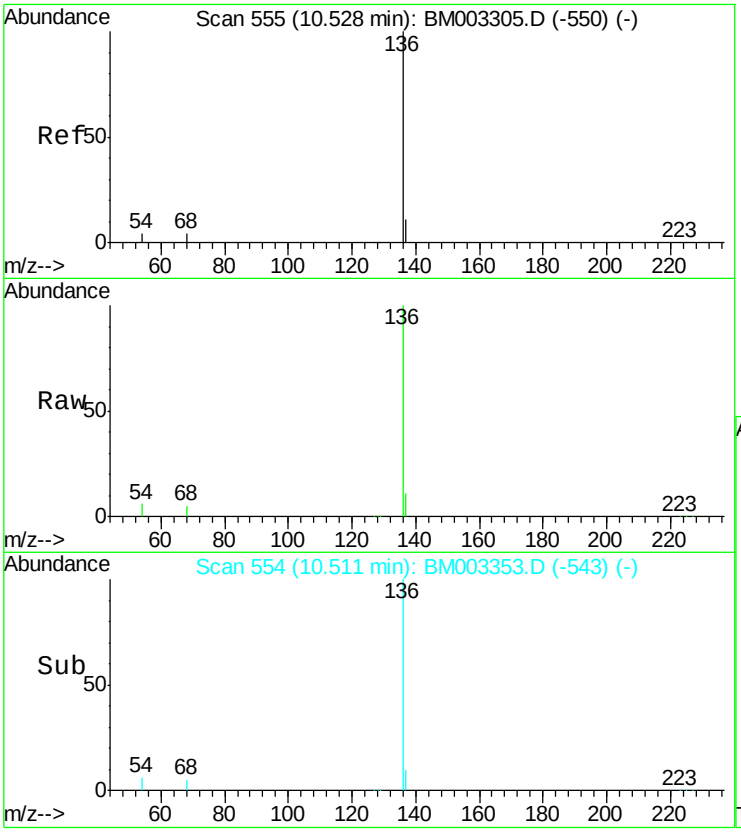


#6
bis(2-Chloroethyl)ether
Concen: 0.51 ng
RT: 7.16 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion: 93 Resp: 7105

Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.2	87.4
95	32.4	26.2	39.4



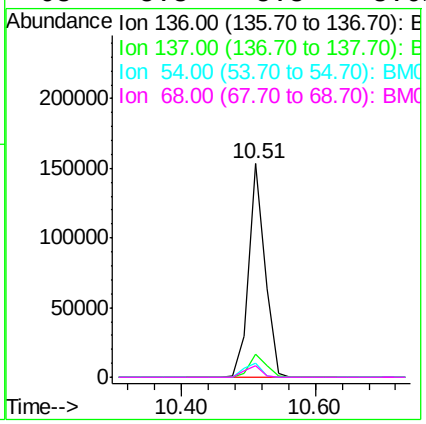


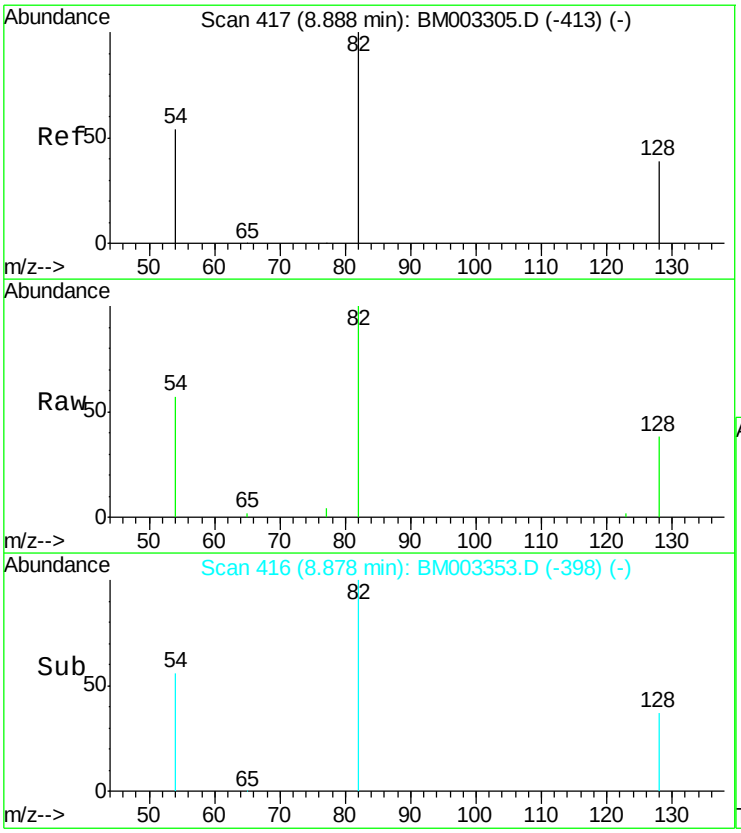
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 258075

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.4	7.4	11.0#
68	5.3	5.8	8.6#

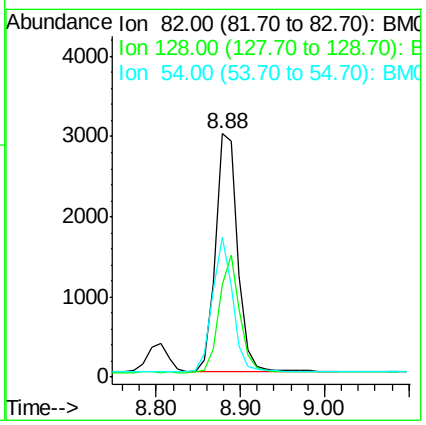


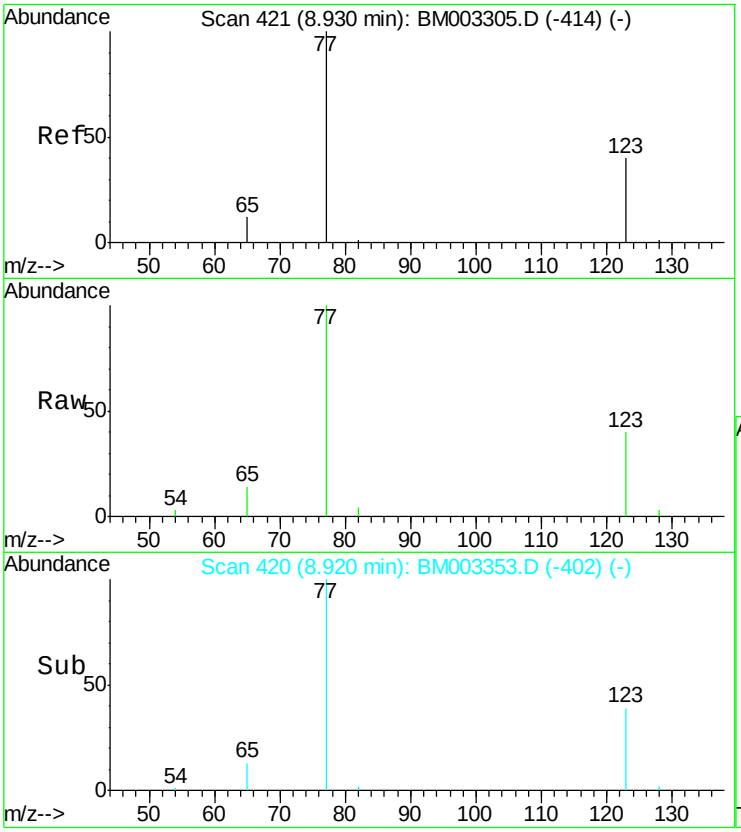


#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion: 82 Resp: 5506

Ion	Ratio	Lower	Upper
82	100		
128	38.0	35.2	52.8
54	57.3	36.4	54.6#



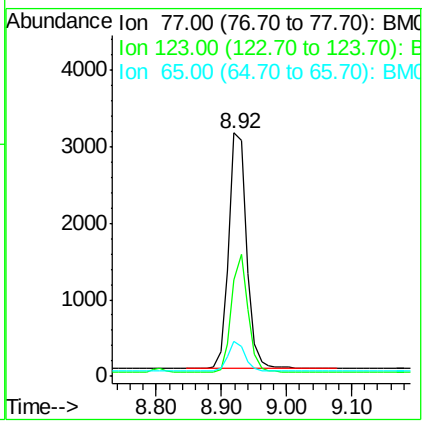


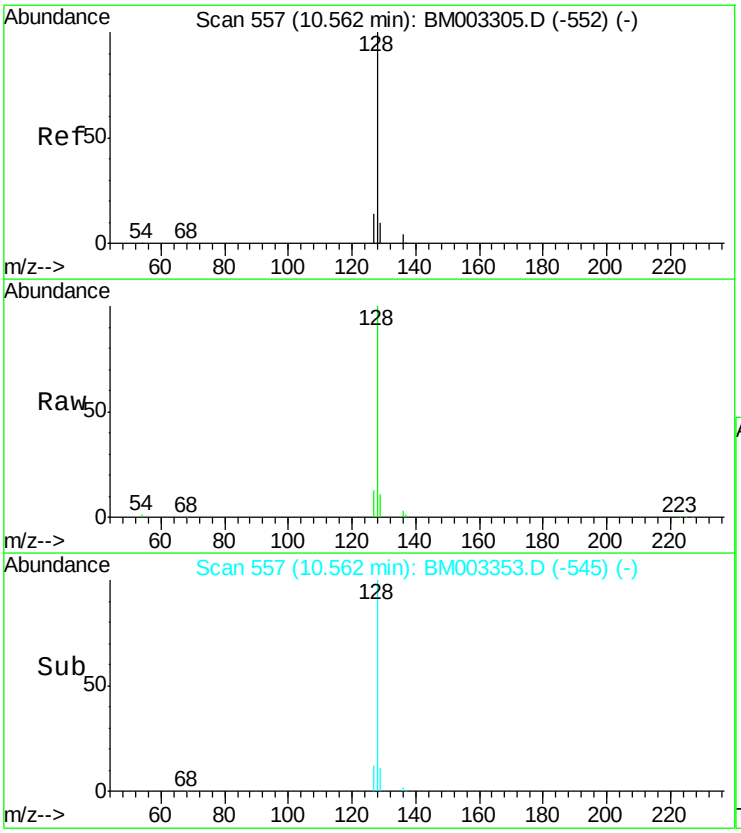
#9
Nitrobenzene
Concen: 0.47 ng
RT: 8.92 min Scan# 420
Delta R.T. -0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 5871

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.7	56.5
65	12.1	9.8	14.6

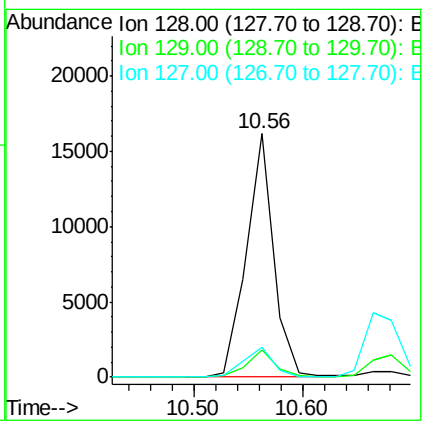


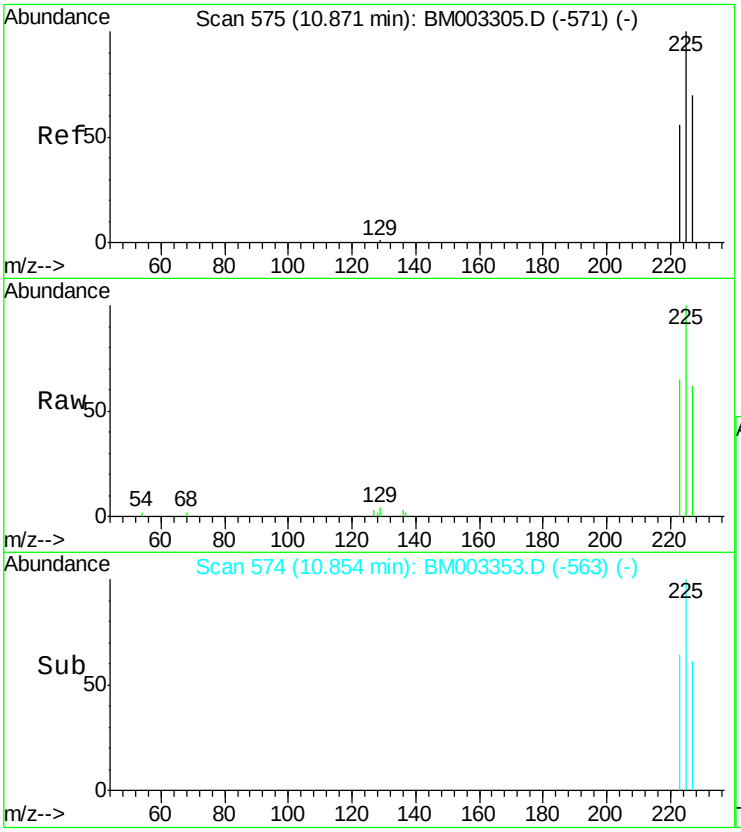


#10
Naphthalene
Concen: 0.50 ng
RT: 10.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:128 Resp: 27684

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	12.5	10.6	16.0



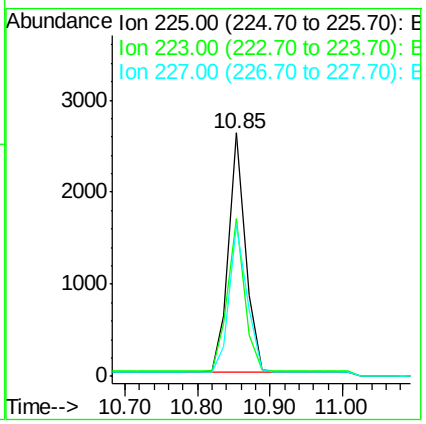


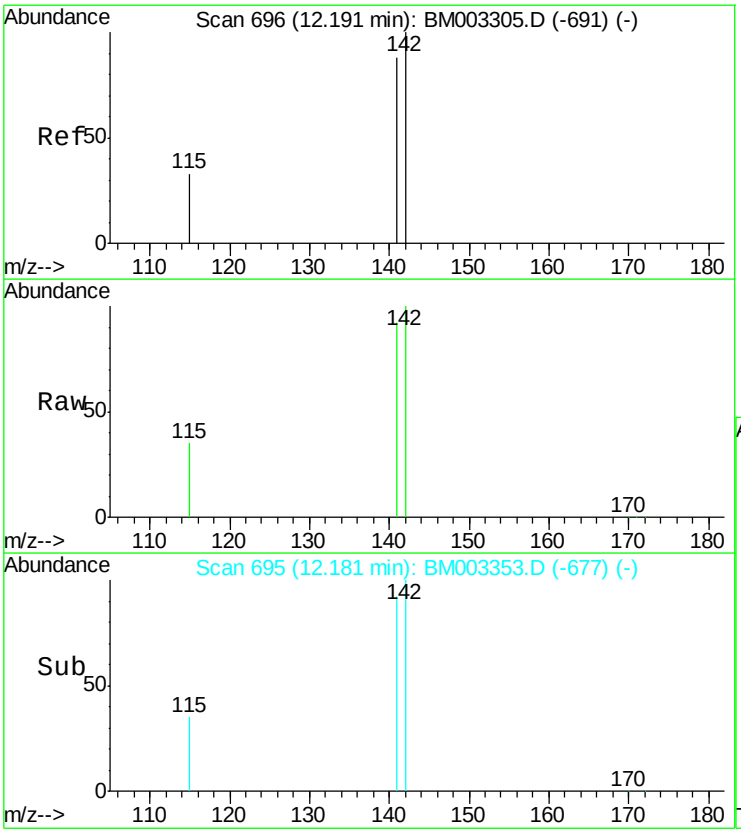
#11
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 4213

Ion	Ratio	Lower	Upper
225	100		
223	63.7	53.0	79.4
227	63.2	52.2	78.4

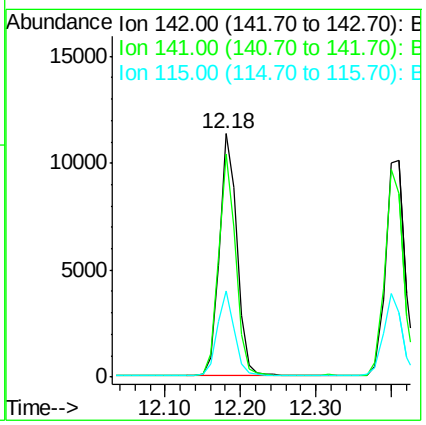


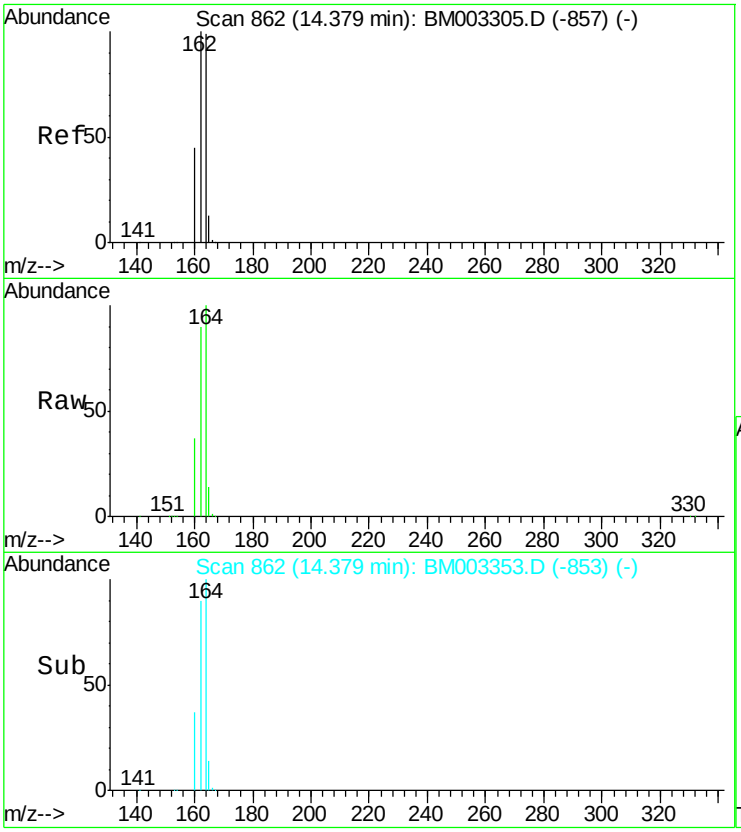


#12
2-Methylnaphthalene
Concen: 0.54 ng
RT: 12.18 min Scan# 695
Delta R.T. -0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:142 Resp: 18732

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.2	108.2
115	35.2	28.0	42.0



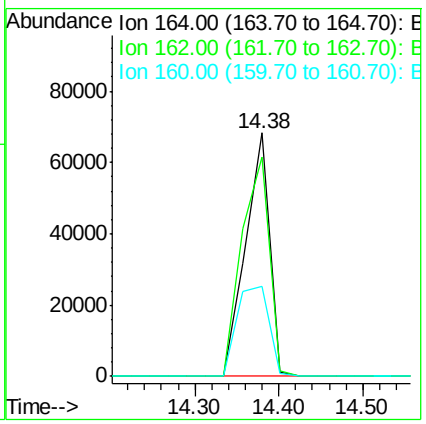


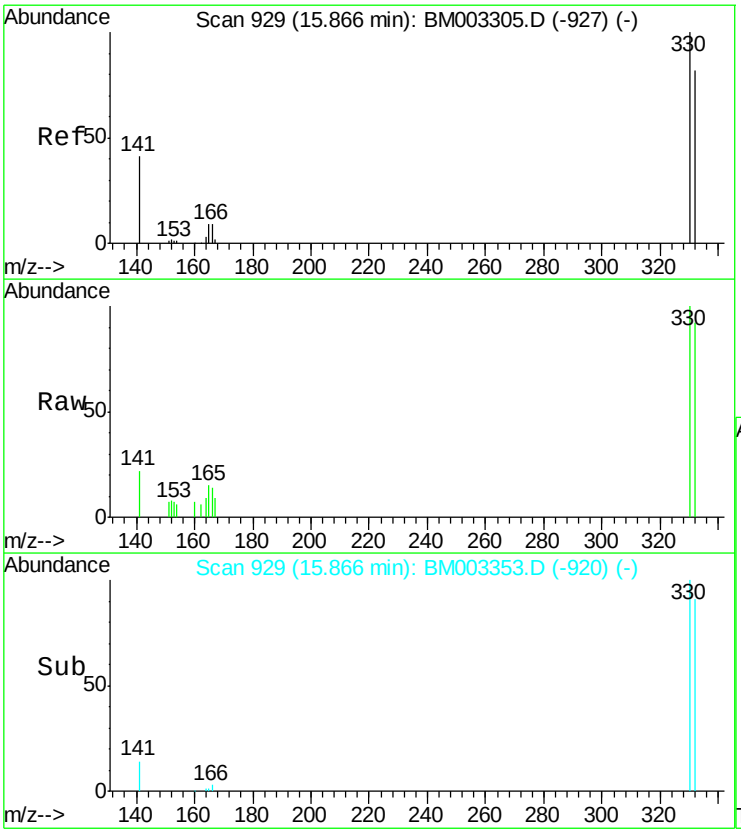
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 135360

Ion	Ratio	Lower	Upper
164	100		
162	90.2	78.3	117.5
160	36.7	33.8	50.6

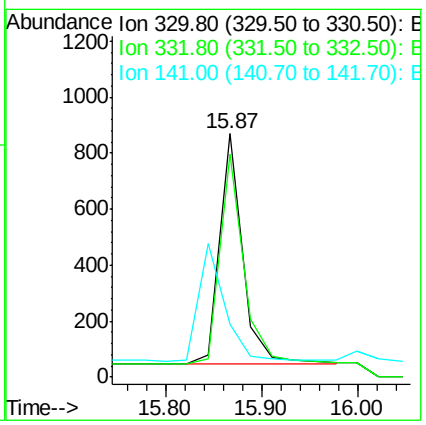


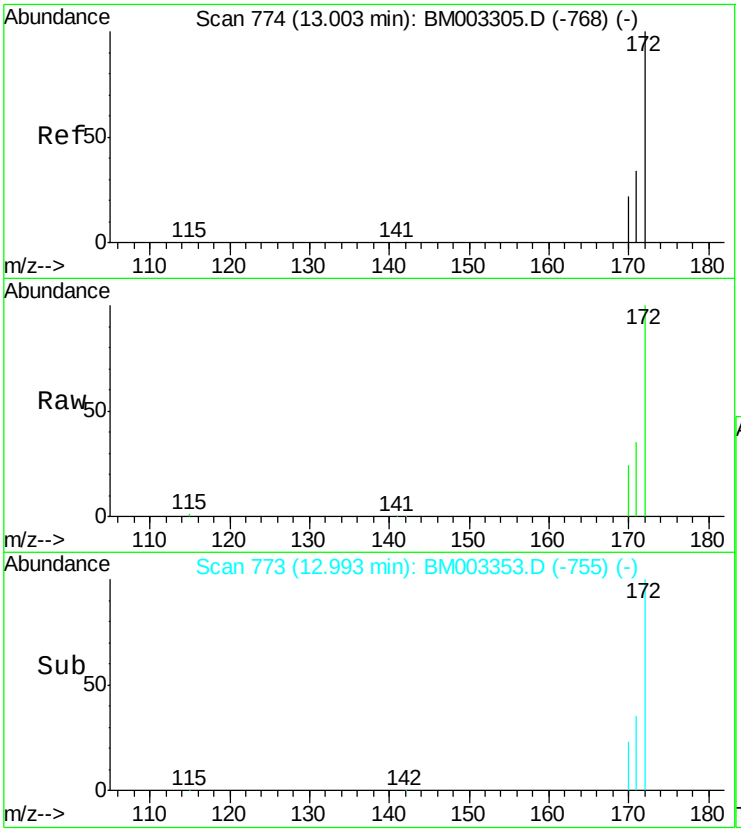


#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 15.87 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:330 Resp: 1385

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	0.0	0.0	0.0



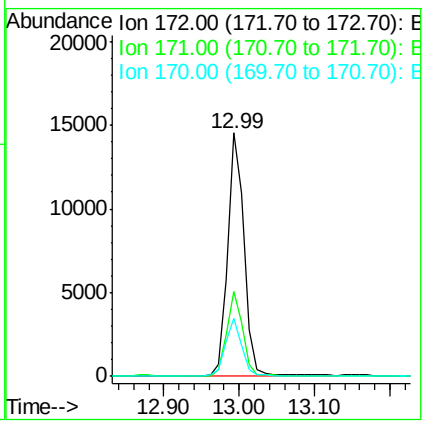


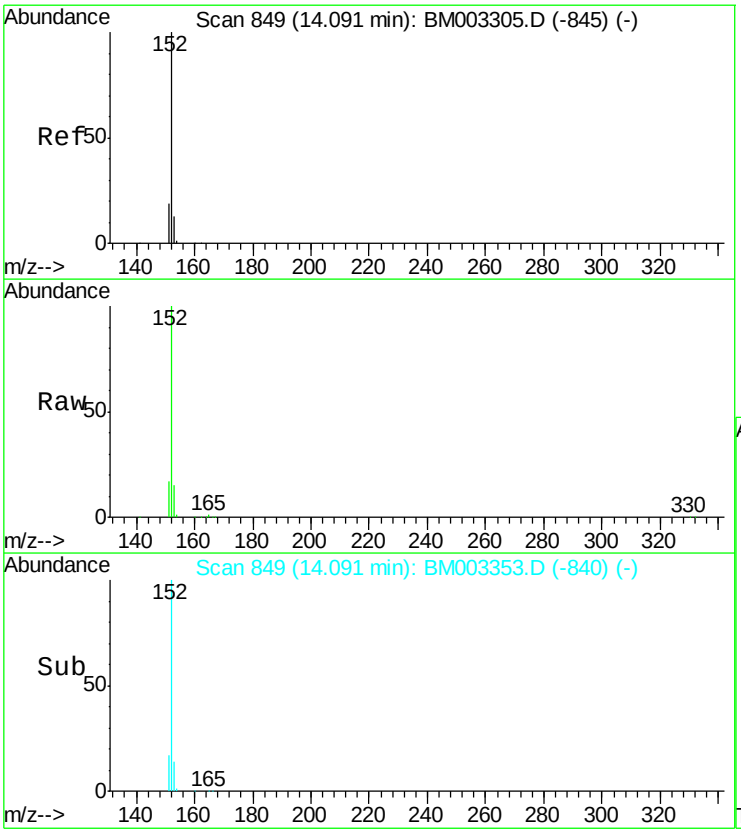
#15
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.99 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 22023

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.7	18.9	28.3

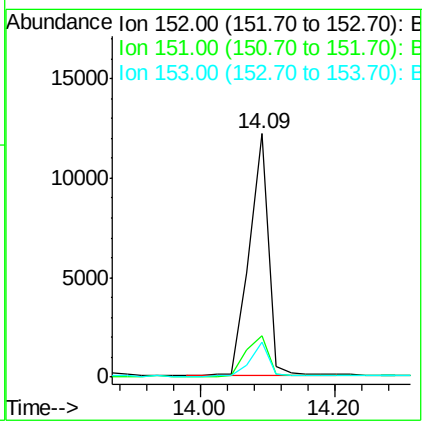


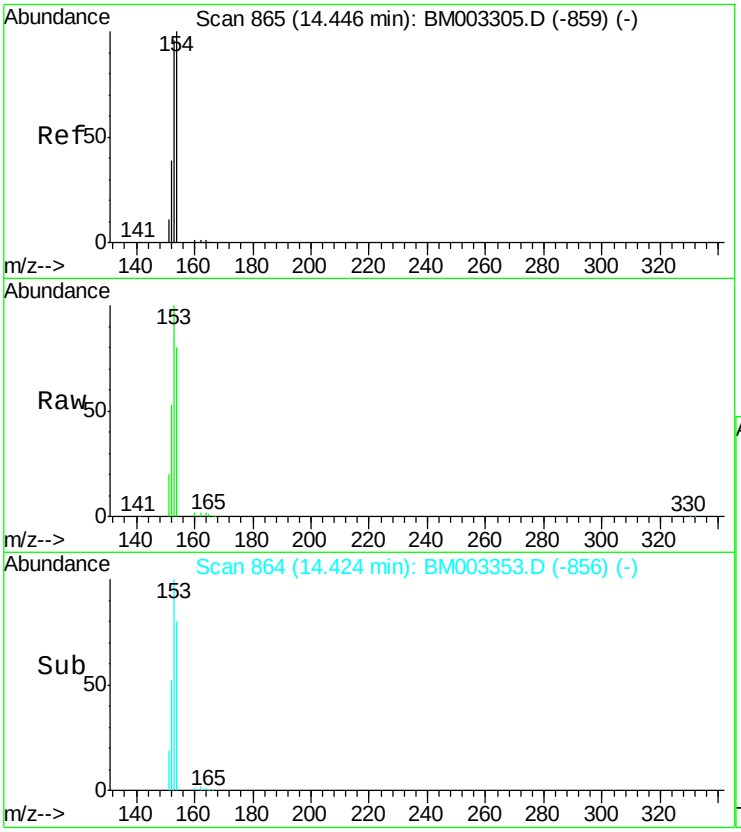


#16
Acenaphthylene
Concen: 0.50 ng
RT: 14.09 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:152 Resp: 24637

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	13.0	10.4	15.6



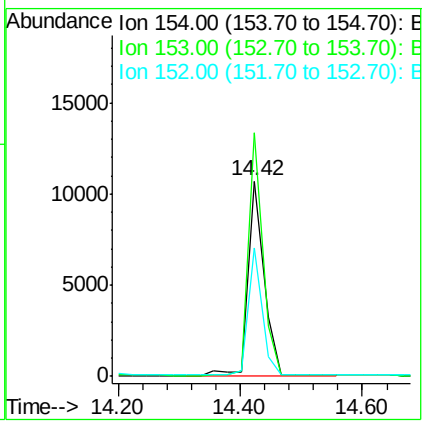


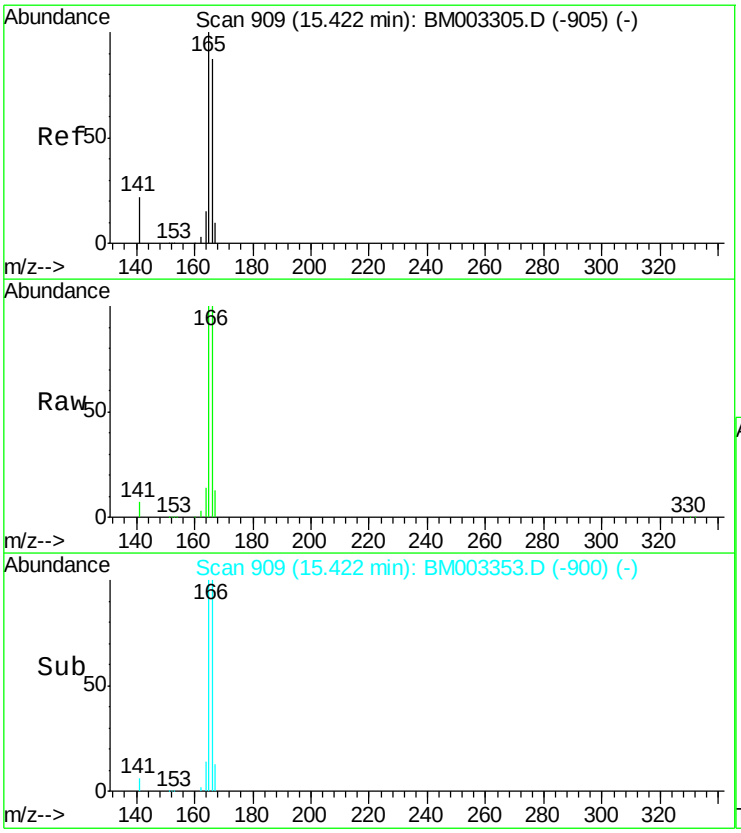
#17
Acenaphthene
Concen: 0.51 ng
RT: 14.42 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 19511

Ion	Ratio	Lower	Upper
154	100		
153	112.0	0.0	0.0#
152	56.1	0.0	0.0#

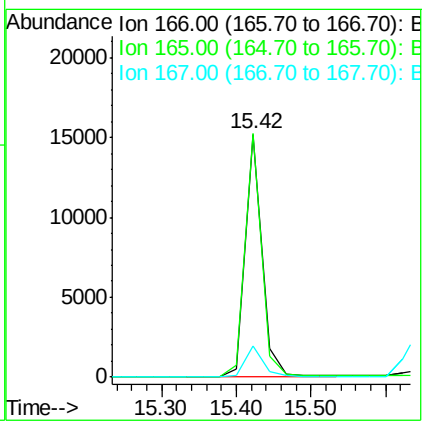


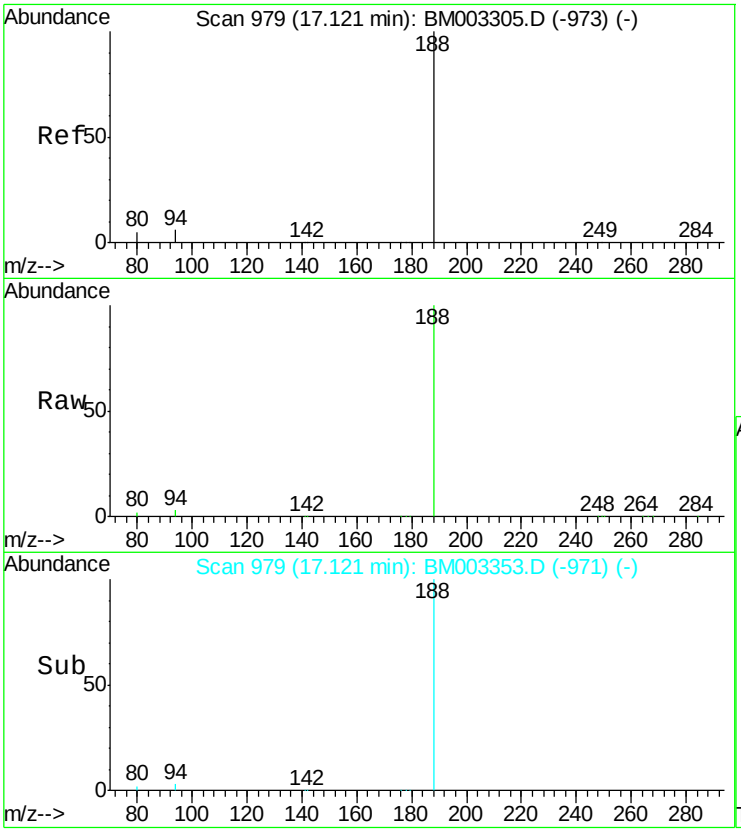


#18
Fluorene
Concen: 0.61 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:166 Resp: 23414

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.8	121.2
167	13.2	10.5	15.7



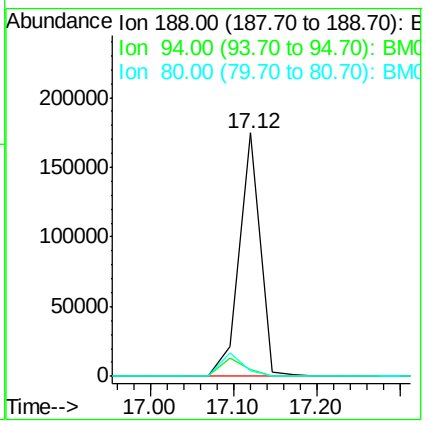


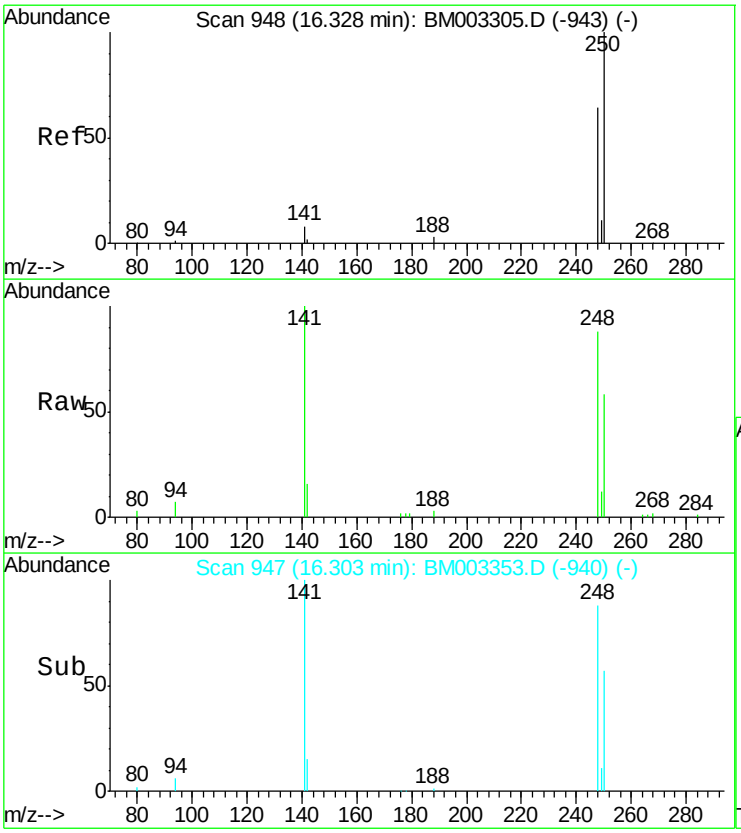
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 309102

Ion	Ratio	Lower	Upper
188	100		
94	2.8	1.8	2.6#
80	2.2	1.4	2.0#

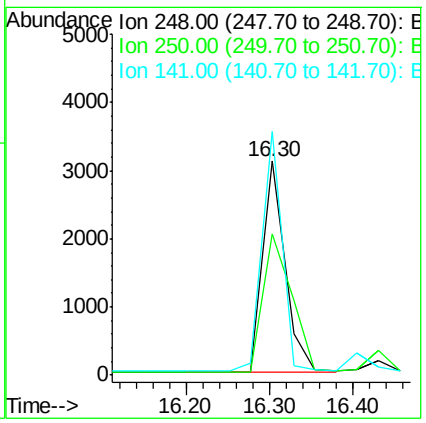


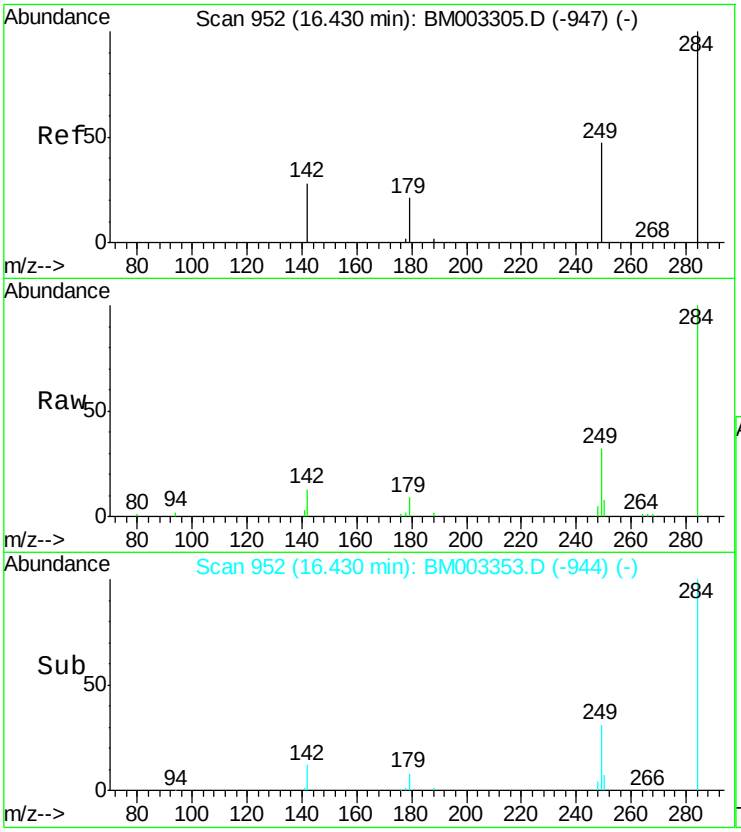


#20
4-Bromophenyl-phenylether
Concen: 0.54 ng
RT: 16.30 min Scan# 947
Delta R.T. -0.03 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:248 Resp: 5695

Ion	Ratio	Lower	Upper
248	100		
250	83.9	65.4	98.0
141	101.3	72.8	109.2



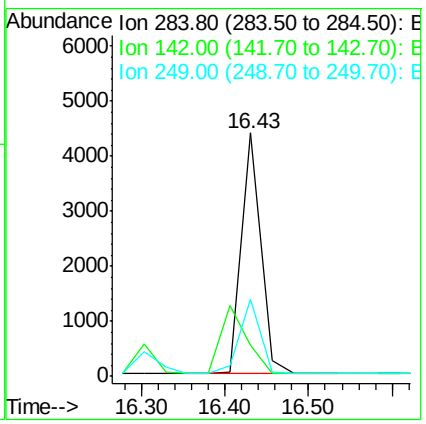


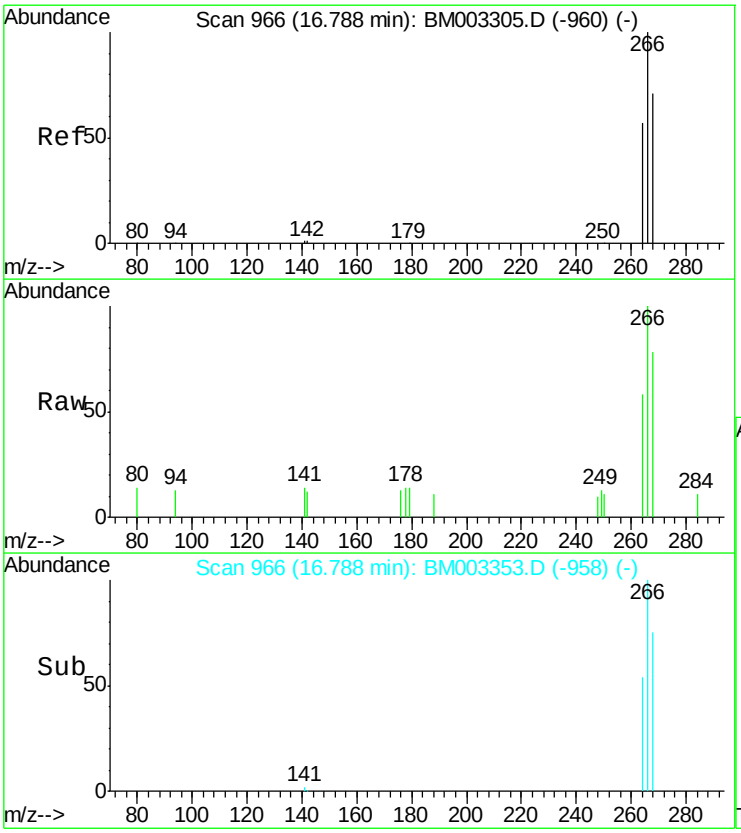
#21
Hexachlorobenzene
Concen: 0.66 ng
RT: 16.43 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 7169

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	32.2	19.4	29.2#

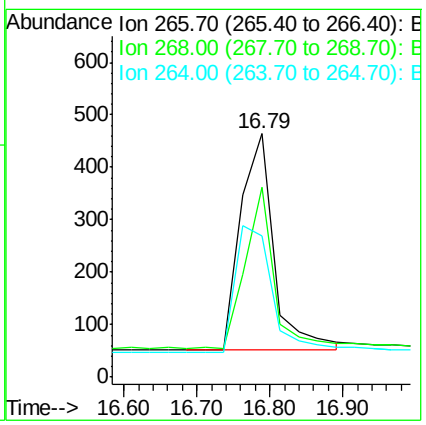


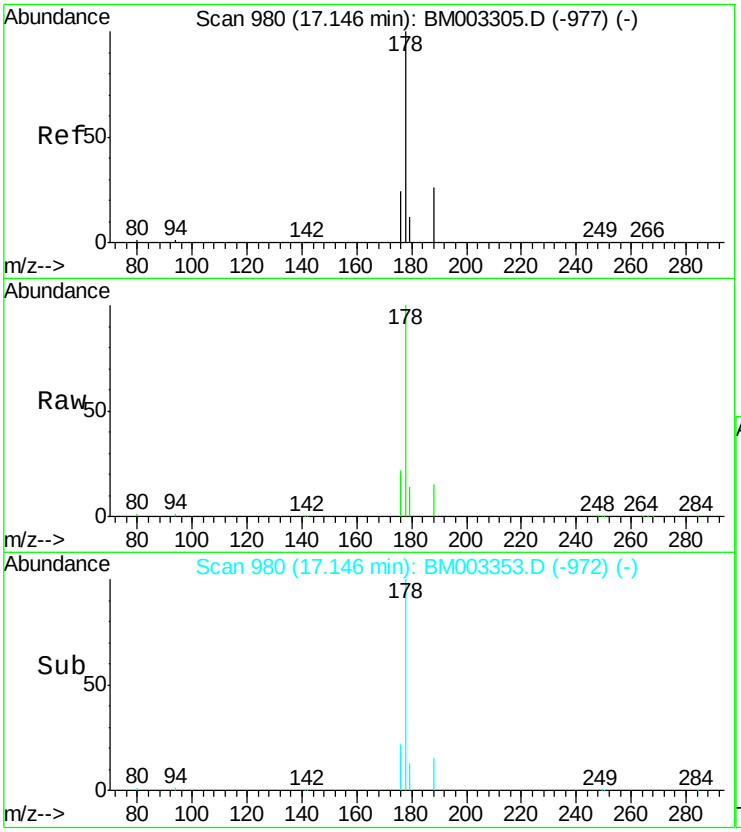


#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:266 Resp: 1296

Ion	Ratio	Lower	Upper
266	100		
268	78.2	45.8	68.8#
264	58.0	56.7	85.1



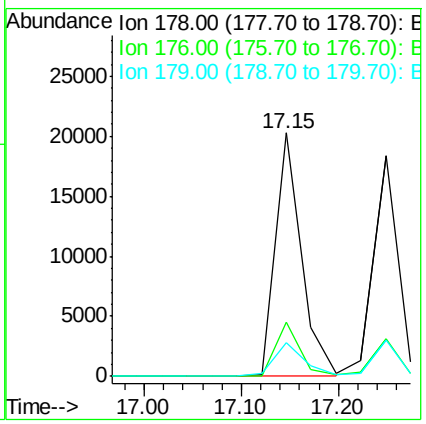


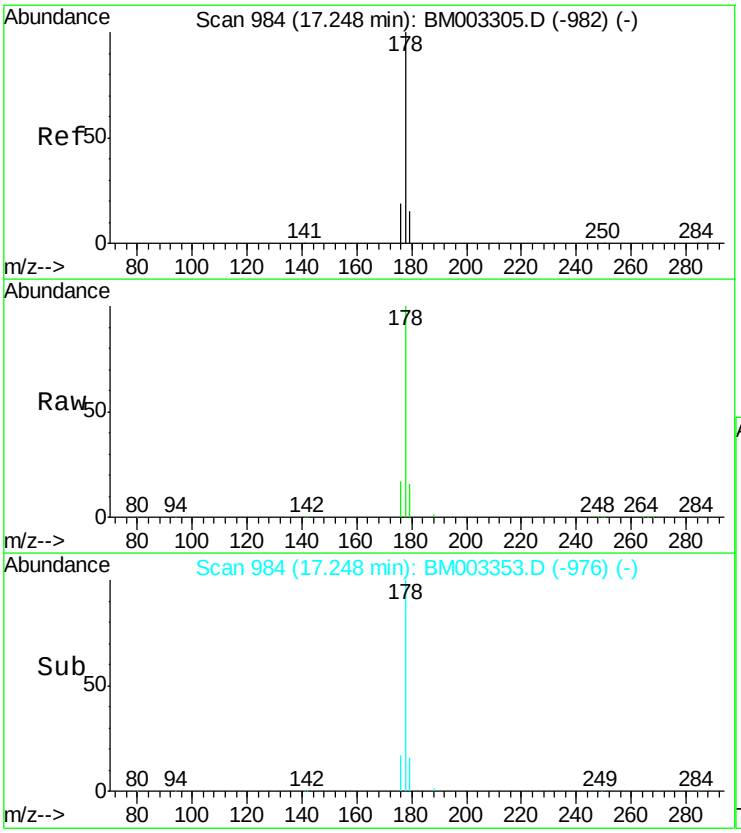
#23
Phenanthrene
Concen: 0.53 ng
RT: 17.15 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 37713

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	15.1	11.7	17.5

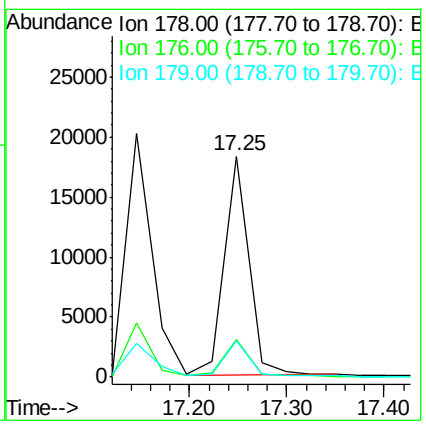


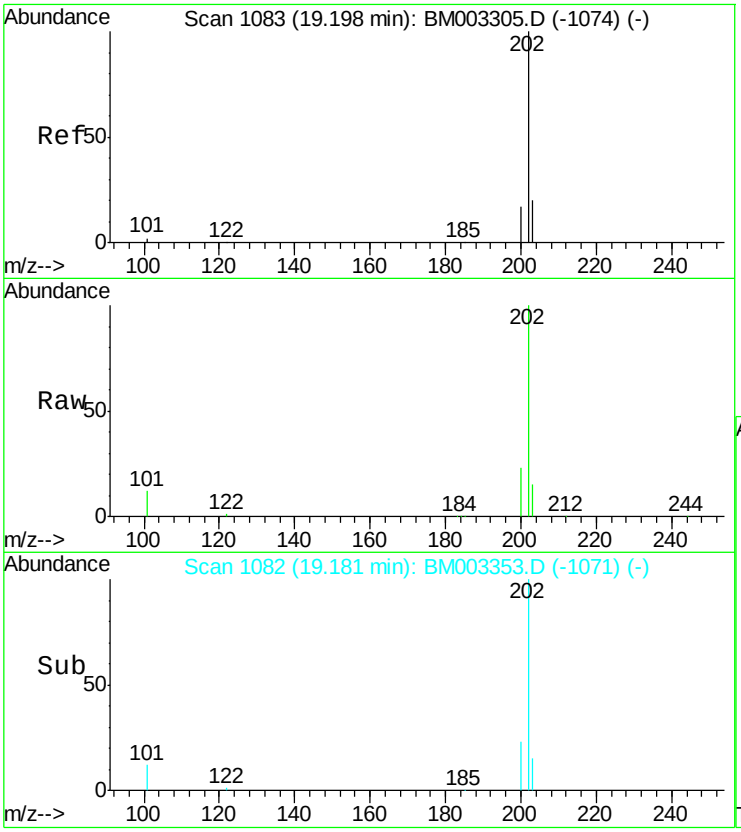


#24
Anthracene
Concen: 0.55 ng
RT: 17.25 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:178 Resp: 31984

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.1	21.1
179	15.8	12.8	19.2



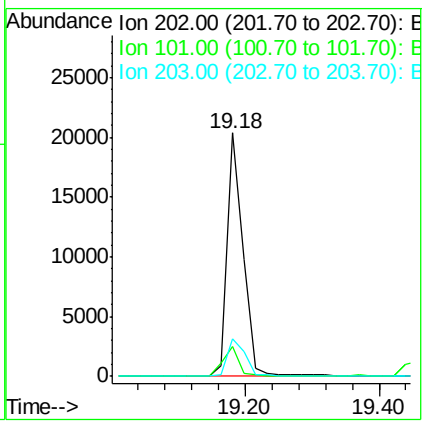


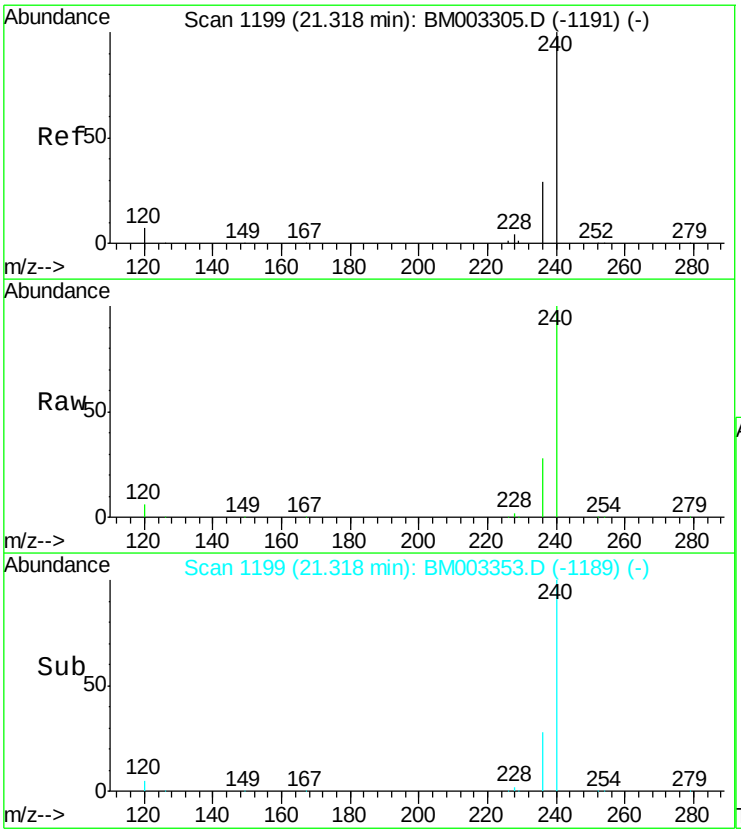
#25
Fluoranthene
Concen: 0.49 ng
RT: 19.18 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 32976

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.9	14.9
203	17.0	13.9	20.9

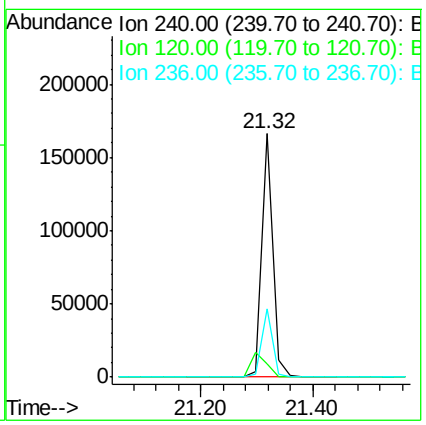


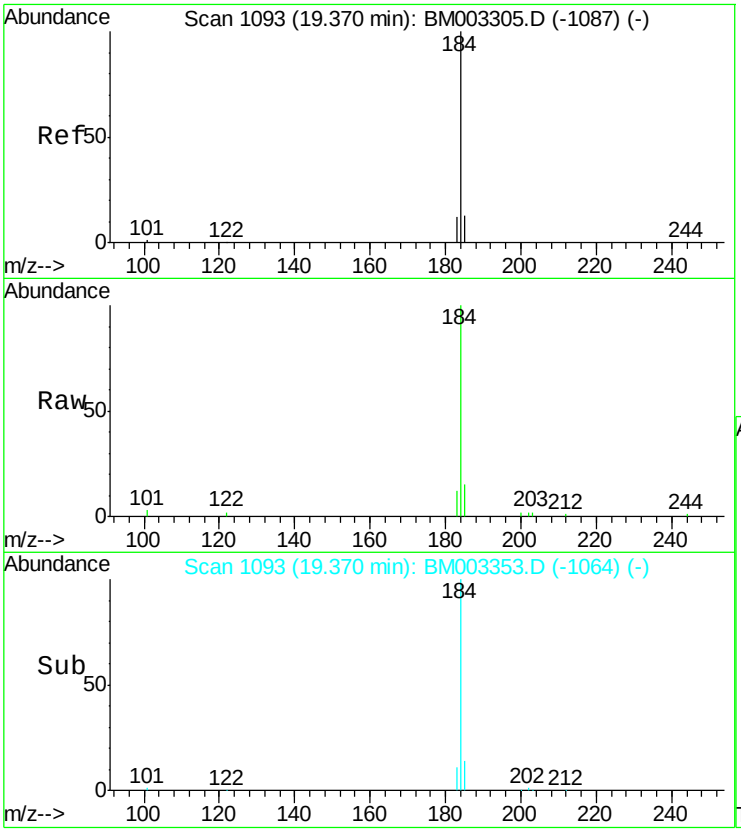


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:240 Resp: 226350

Ion	Ratio	Lower	Upper
240	100		
120	5.5	1.0	1.4#
236	28.2	17.9	26.9#



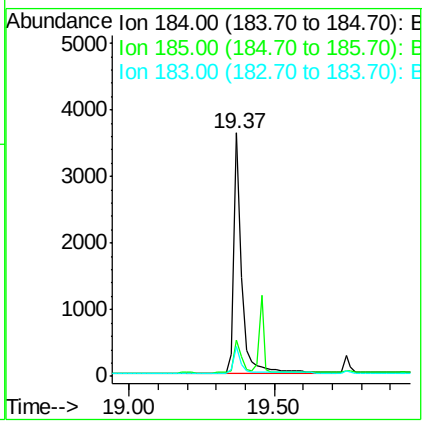


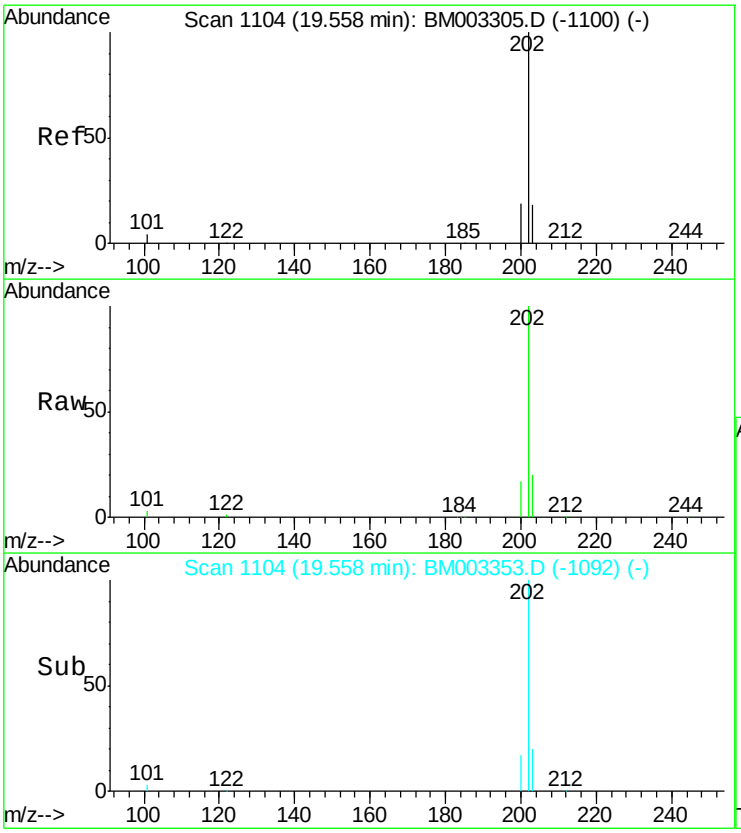
#27
Benzidine
Concen: 0.64 ng
RT: 19.37 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 6693

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	12.5	8.6	13.0

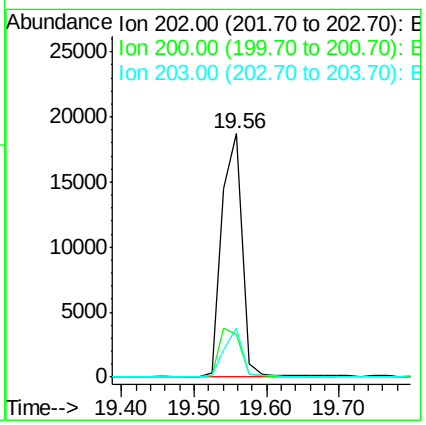


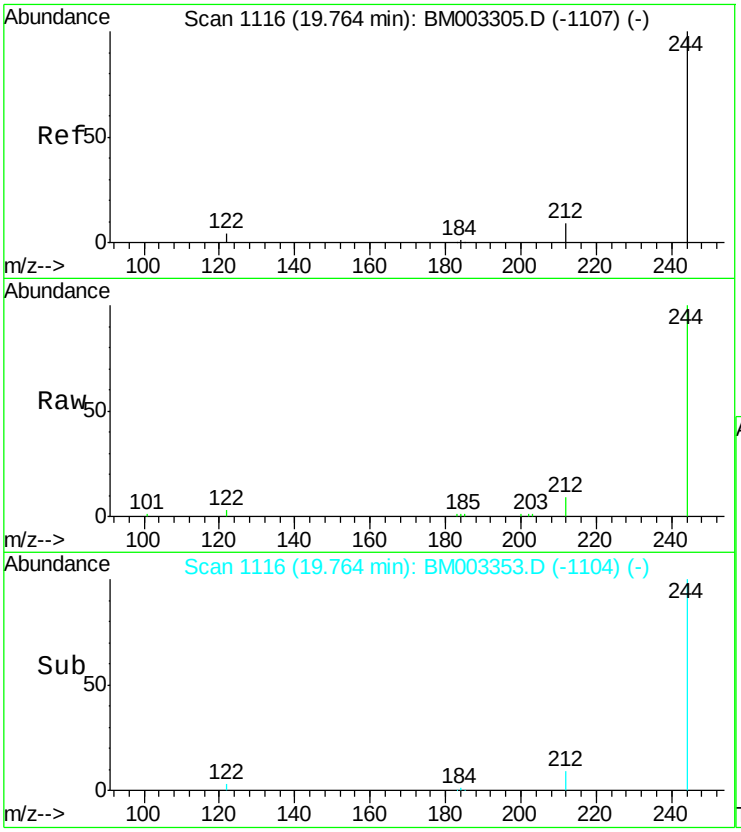


#28
Pyrene
Concen: 0.52 ng
RT: 19.56 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:202 Resp: 35797

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	13.8	20.6



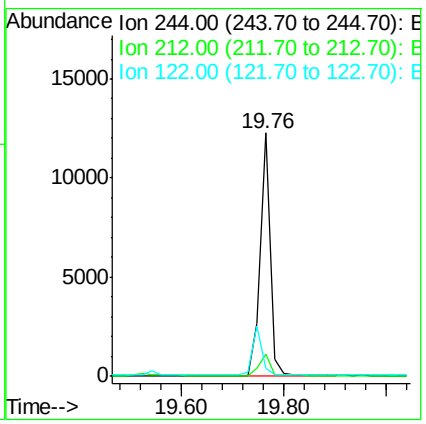


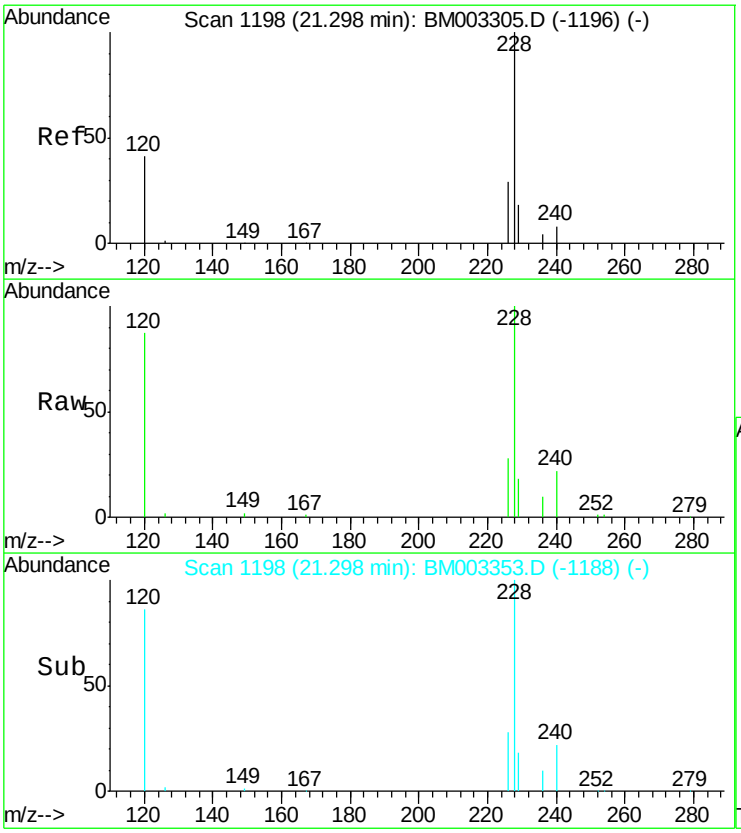
#29
Terphenyl-d14
Concen: 0.52 ng
RT: 19.76 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 16288

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	3.4	2.0	3.0#

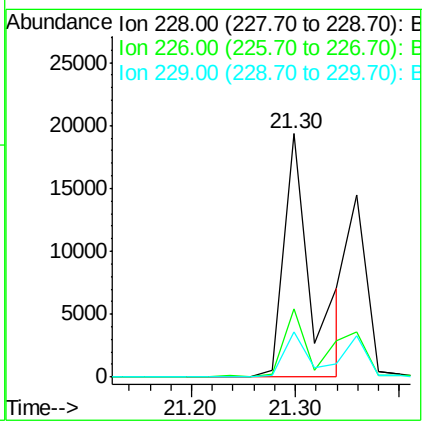


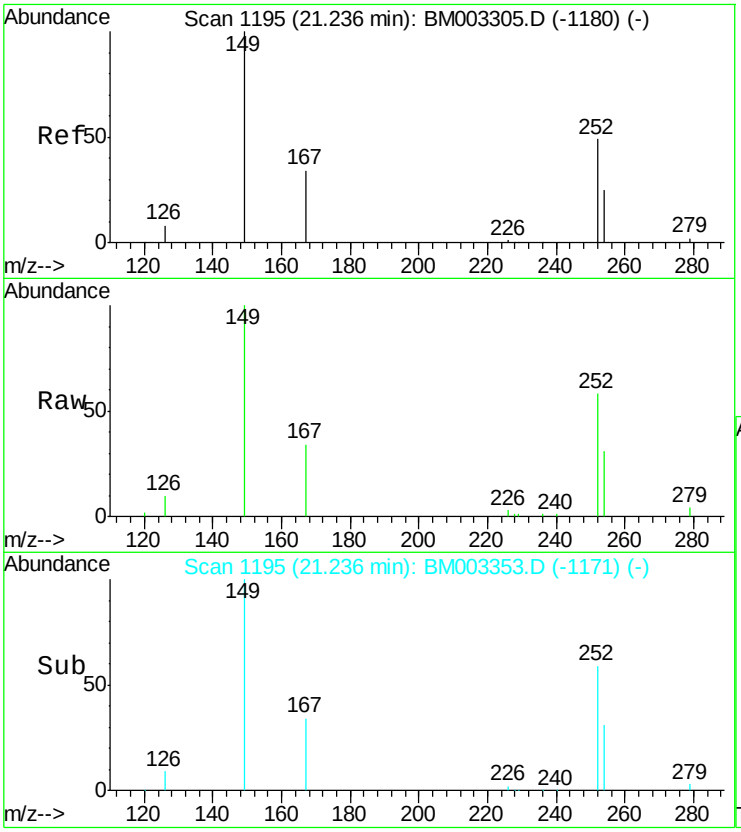


#30
Benzo(a)anthracene
Concen: 0.63 ng
RT: 21.30 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:228 Resp: 36220

Ion	Ratio	Lower	Upper
228	100		
226	27.9	17.8	26.6#
229	18.4	18.0	27.0



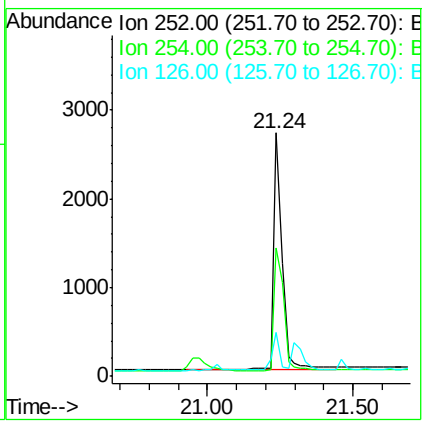


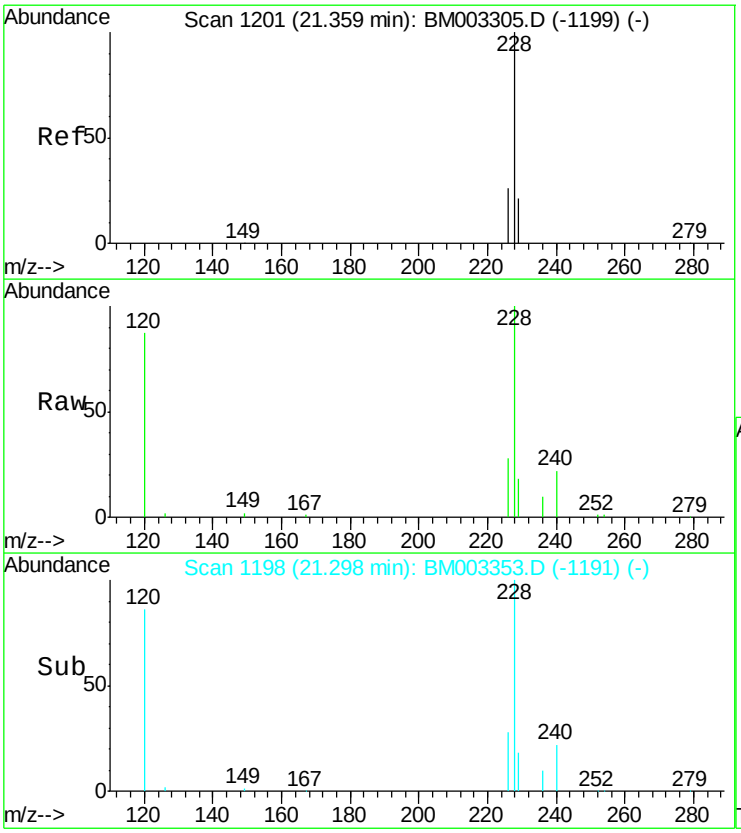
#31
3,3'-Dichlorobenzidine
Concen: 0.45 ng
RT: 21.24 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 5469

Ion	Ratio	Lower	Upper
252	100		
254	52.9	53.7	80.5#
126	17.9	2.8	4.2#

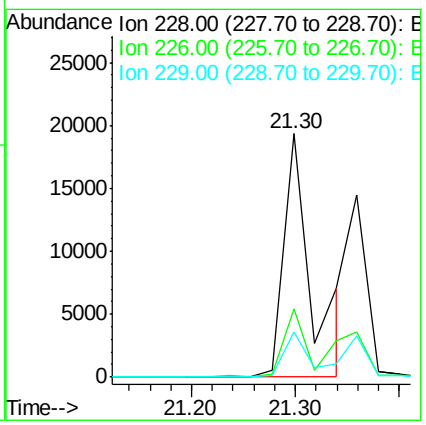


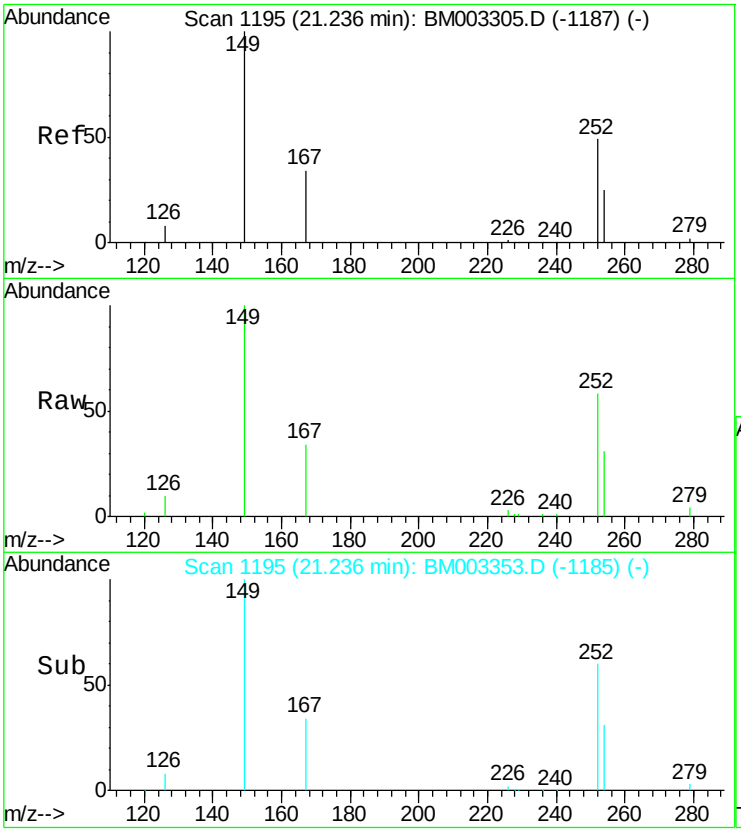


#32
Chrysene
Concen: 0.53 ng
RT: 21.30 min Scan# 1198
Delta R.T. -0.06 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:228 Resp: 36220

Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.5	38.3
229	18.4	14.3	21.5



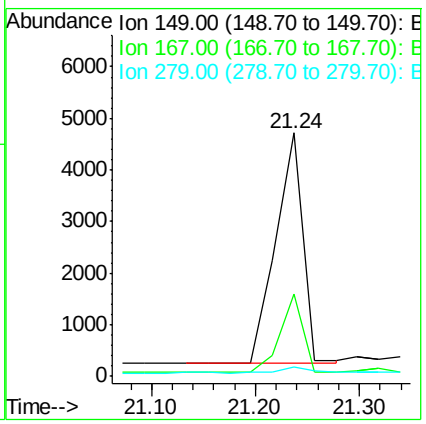


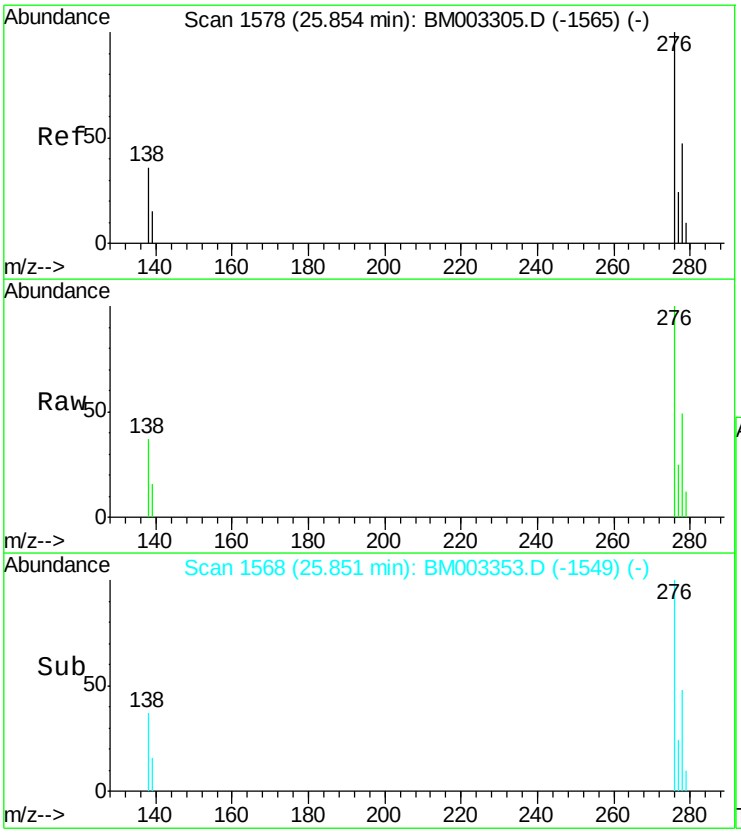
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.24 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 8115

Ion	Ratio	Lower	Upper
149	100		
167	28.4	19.6	29.4
279	2.8	0.0	0.0#

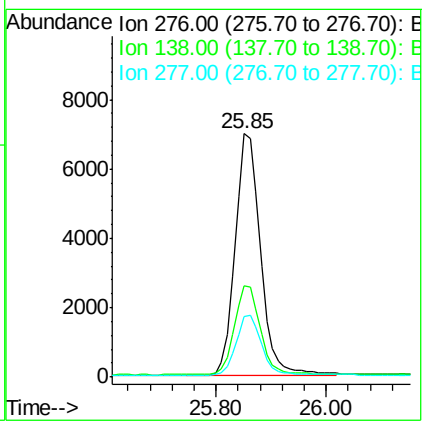


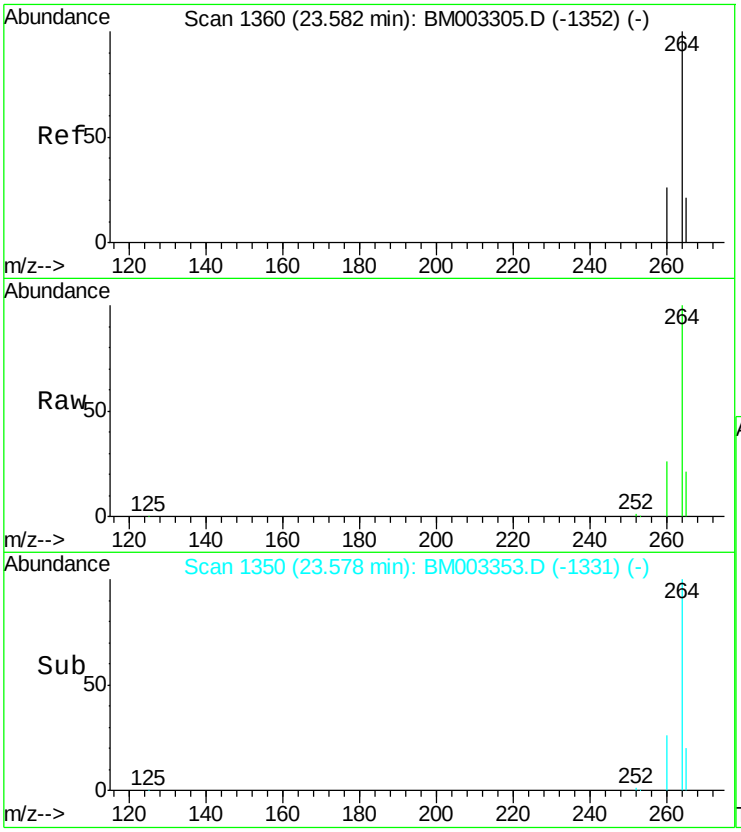


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 25.85 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:276 Resp: 22391

Ion	Ratio	Lower	Upper
276	100		
138	37.6	19.1	28.7#
277	24.9	15.9	23.9#



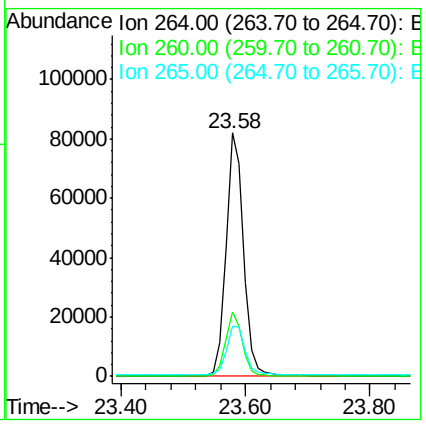


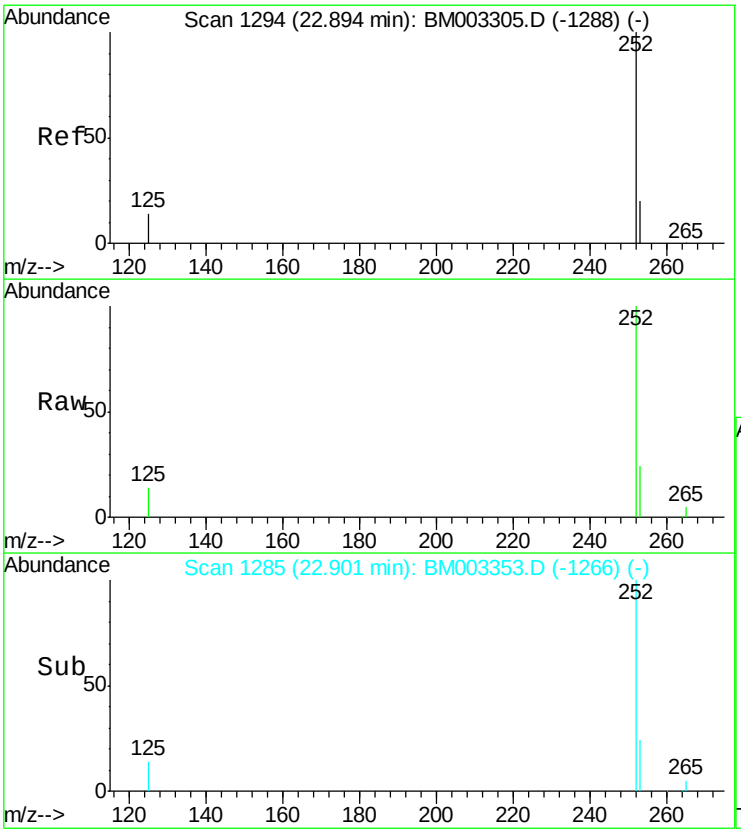
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 161620

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.6	29.4
265	20.7	18.4	27.6

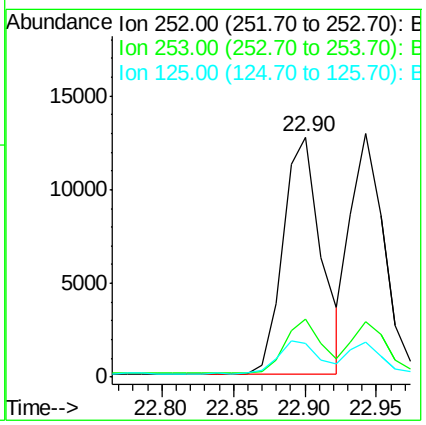


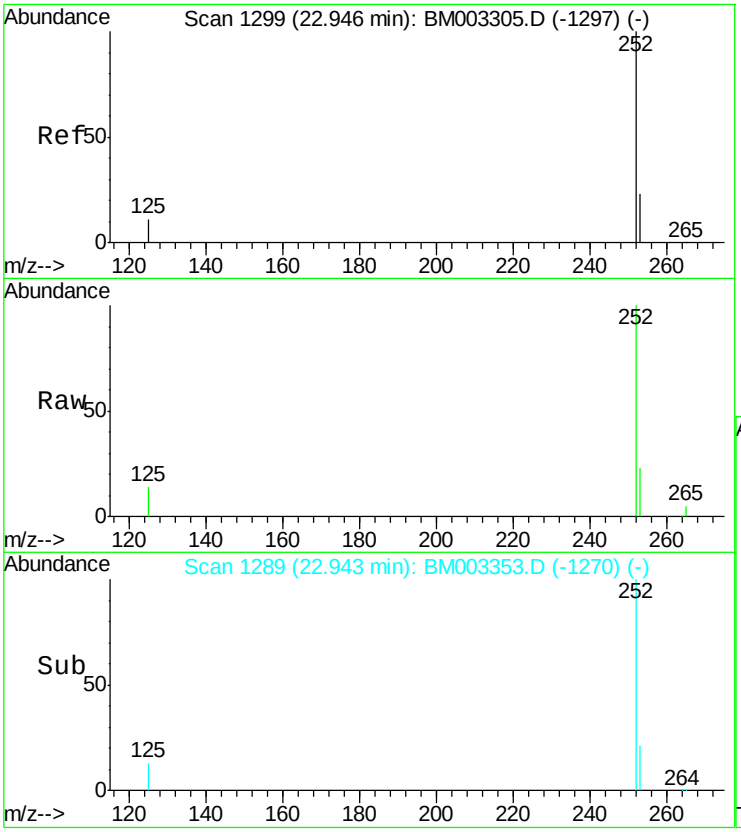


#36
Benzo(b)fluoranthene
Concen: 0.51 ng
RT: 22.90 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:252 Resp: 23861

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.4
125	14.2	10.3	15.5



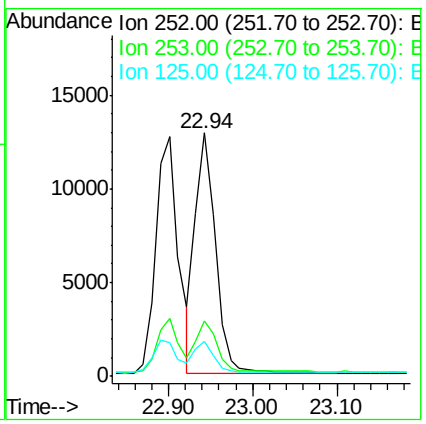


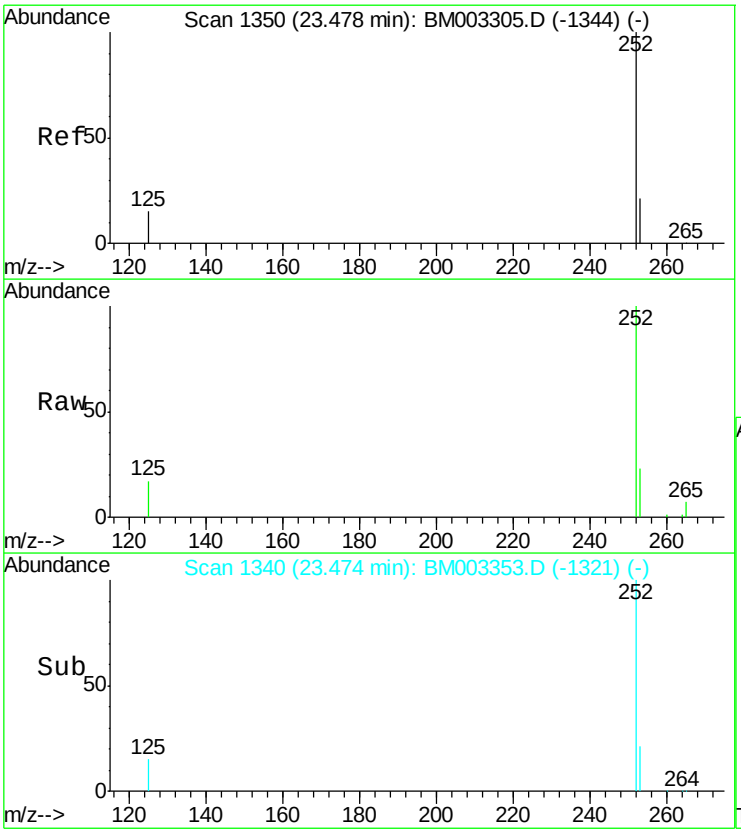
#37
Benzo(k)fluoranthene
Concen: 0.51 ng
RT: 22.94 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 21305

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.3	10.7	16.1

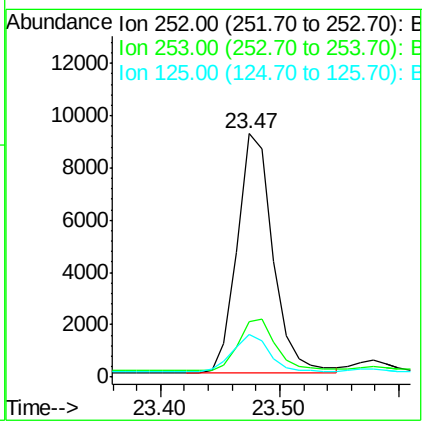


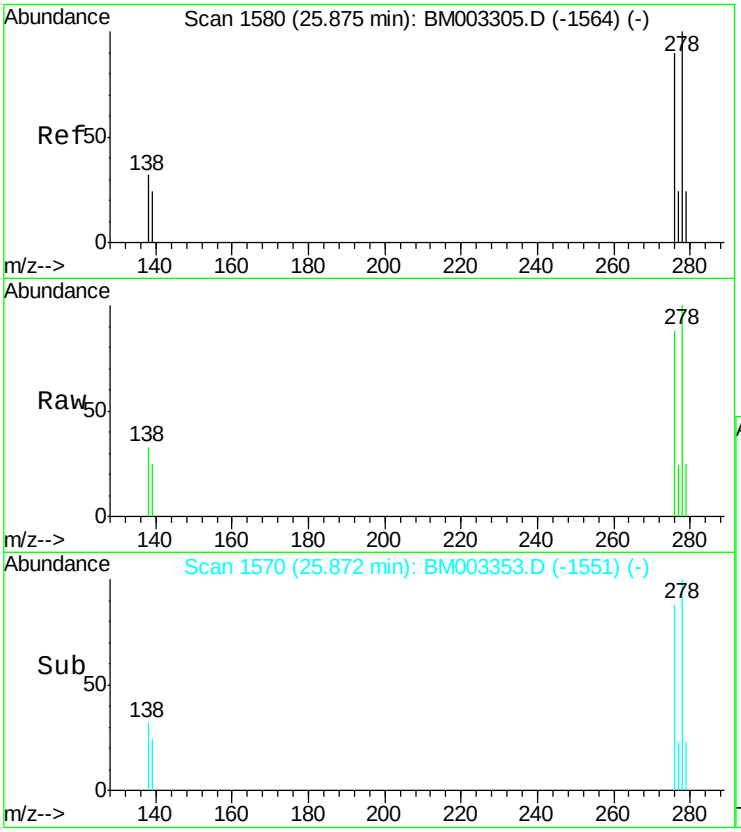


#38
Benzo(a)pyrene
Concen: 0.52 ng
RT: 23.47 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:252 Resp: 19216

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	17.3	11.6	17.4



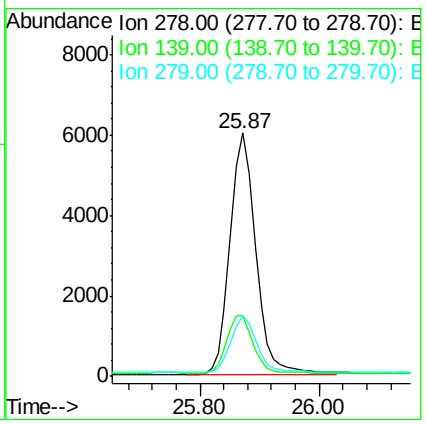


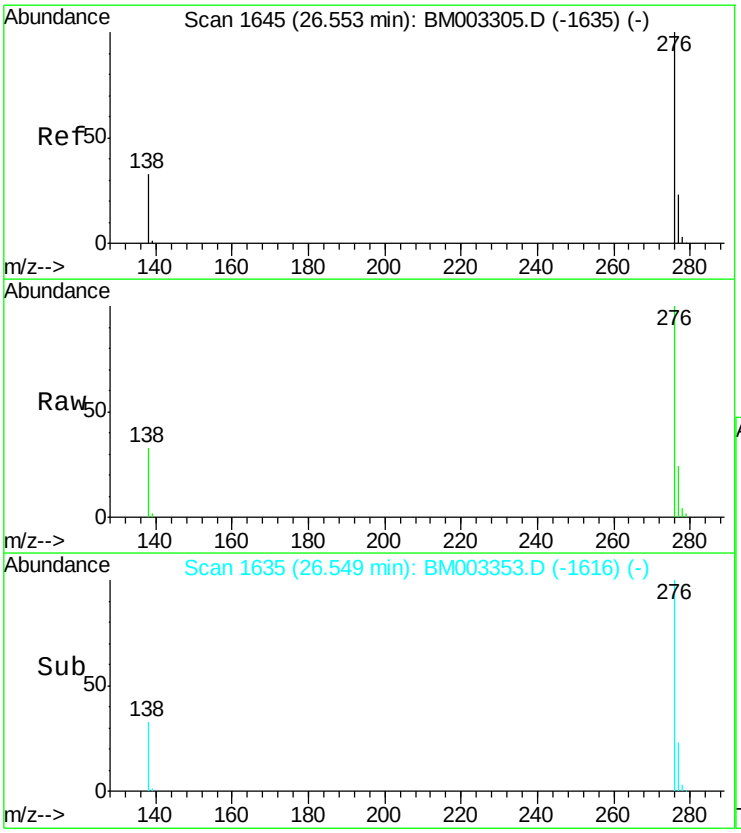
#39
Dibenzo(a,h)anthracene
Concen: 0.56 ng
RT: 25.87 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 17974

Ion	Ratio	Lower	Upper
278	100		
139	25.0	18.2	27.4
279	24.8	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 0.50 ng
RT: 26.55 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM003353.D
Acq: 02 Dec 2015 12:28

Tgt Ion:276 Resp: 19146

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	33.5	22.3	33.5