Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
Data File : BM003306.D
Acq On : 27 Nov 2015 14:20
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Nov 27 15:16:15 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 14:26:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	59200	5.00	ng		-0.02
7) Naphthalene-d8	10.52	136	228417	5.00	ng		-0.02
13) Acenaphthene-d10	14.38	164	110342	5.00	ng		-0.02
19) Phenanthrene-d10	17.12	188	253820	5.00	ng		-0.03
26) Chrysene-d12	21.32	240	207842	5.00	ng		-0.02
35) Perylene-d12	23.58	264	166140	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	22499	1.94	ng		-0.03
5) Phenol-d6	6.90	99	26000	2.02	ng		-0.02
8) Nitrobenzene-d5	8.90	82	19771	2.01	ng		-0.02
14) 2,4,6-Tribromophenol	15.87	330	4134	2.33	ng		-0.02
15) 2-Fluorobiphenyl	13.00	172	64879	1.75	ng		-0.02
29) Terphenyl-d14	19.76	244	52485	1.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	10554	1.71	ng		98
3) n-Nitrosodimethylamine	3.54	42	10895	1.99	ng		96
6) bis(2-Chloroethyl)ether	7.16	93	26303	1.88	ng		99
9) Nitrobenzene	8.94	77	21971	2.10	ng		100
10) Naphthalene	10.58	128	93920	1.84	ng		96
11) Hexachlorobutadiene	10.87	225	14498	1.74	ng		98
12) 2-Methylnaphthalene	12.19	142	60077	1.92	ng		96
16) Acenaphthylene	14.09	152	82293	2.19	ng		100
17) Acenaphthene	14.45	154	52497	1.61	ng	#	100
18) Fluorene	15.42	166	60247	1.91	ng		100
20) 4-Bromophenyl-phenylether	16.30	248	12544	1.44	ng	#	33
21) Hexachlorobenzene	16.43	284	15876	1.73	ng	#	61
22) Pentachlorophenol	16.79	266	4840	1.64	ng	#	79
23) Phenanthrene	17.15	178	87690	1.44	ng	#	85
24) Anthracene	17.25	178	96985	2.13	ng		97
25) Fluoranthene	19.18	202	97408	1.78	ng		100
27) Benzidine	19.37	184	17558	2.42	ng		97
28) Pyrene	19.56	202	113231	1.76	ng		100
30) Benzo(a)anthracene	21.30	228	131240	2.52	ng	#	89
31) 3,3'-Dichlorobenzidine	21.24	252	18537	2.04	ng	#	80
32) Chrysene	21.30	228	131234	1.96	ng		96
33) Bis(2-ethylhexyl)phthalate	21.24	149	27445	1.34	ng	#	92
34) Indeno(1,2,3-cd)pyrene	25.85	276	91109	1.98	ng	#	81
36) Benzo(b)fluoranthene	22.89	252	90719	1.94	ng		96
37) Benzo(k)fluoranthene	22.95	252	93636	2.02	ng		98
38) Benzo(a)pyrene	23.48	252	78385	2.17	ng		97
39) Dibenzo(a,h)anthracene	25.88	278	71113	2.35	ng		99
40) Benzo(g,h,i)perylene	26.55	276	79102	2.03	ng		95

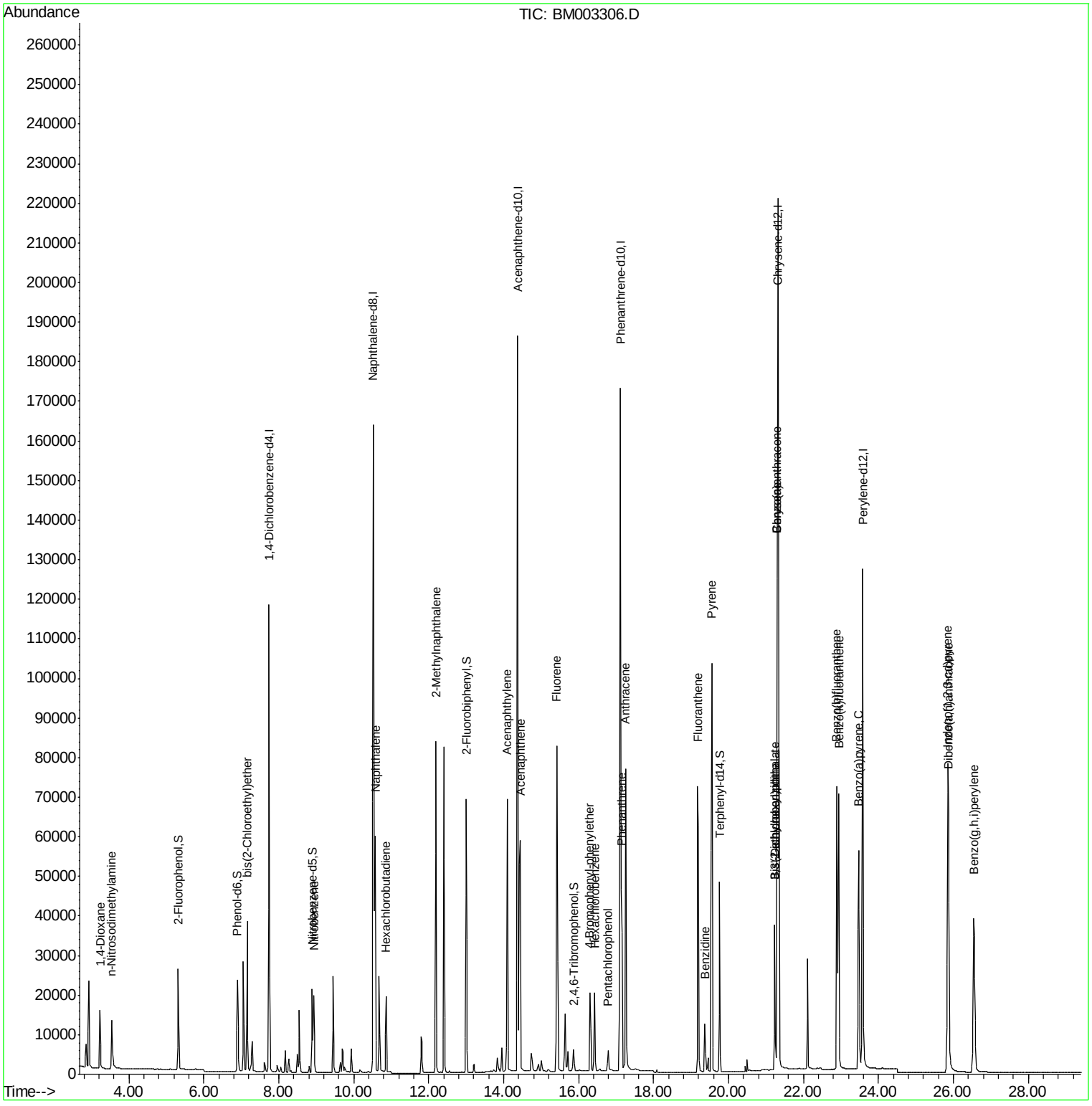
(#) = qualifier out of range (m) = manual integration (+) = signals summed

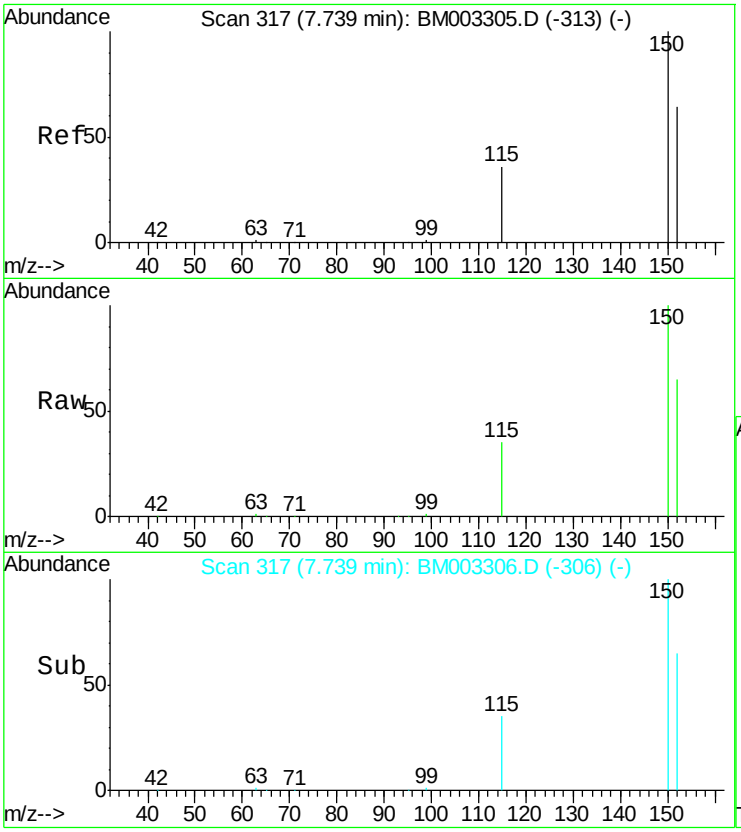
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM112715\
Data File : BM003306.D
Acq On : 27 Nov 2015 14:20
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: Nov 27 15:16:15 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 14:26:07 2015
Response via : Initial Calibration



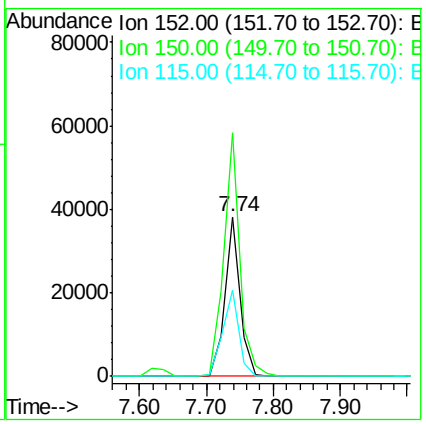


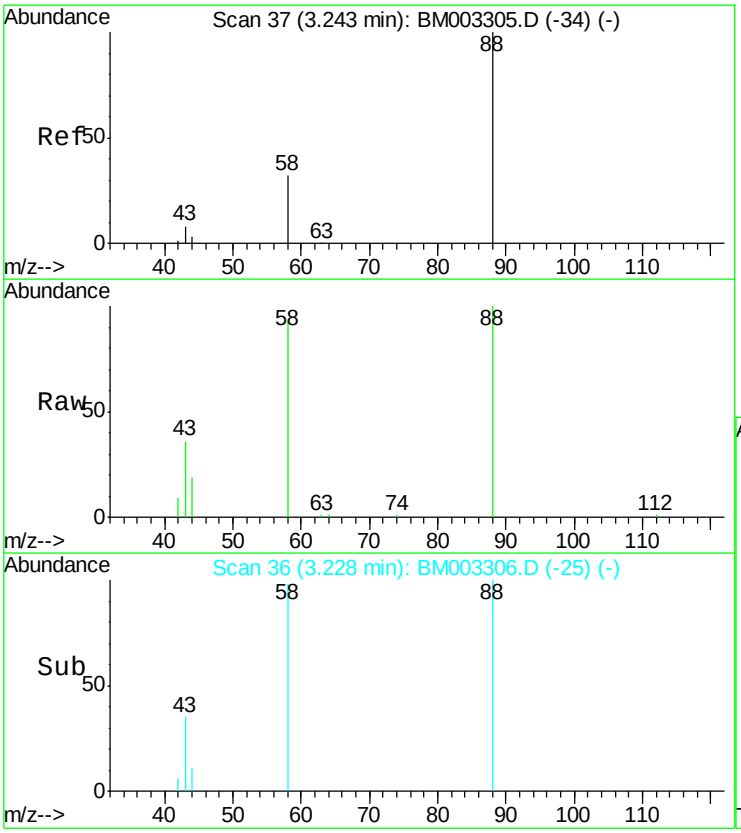
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 59200

Ion	Ratio	Lower	Upper
152	100		
150	153.0	143.6	215.4
115	53.9	58.5	87.7#

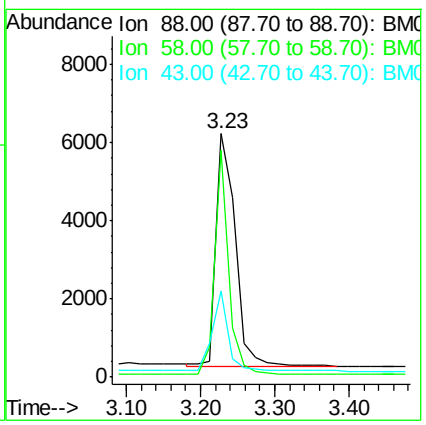


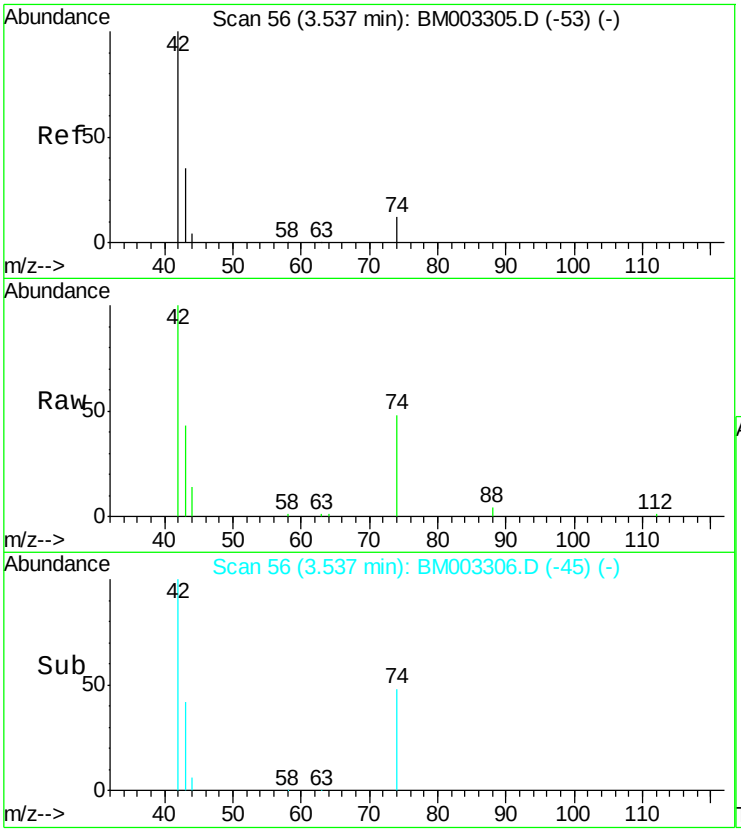


#2
1,4-Dioxane
Concen: 1.71 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion: 88 Resp: 10554

Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.2	82.8
43	28.4	21.8	32.6



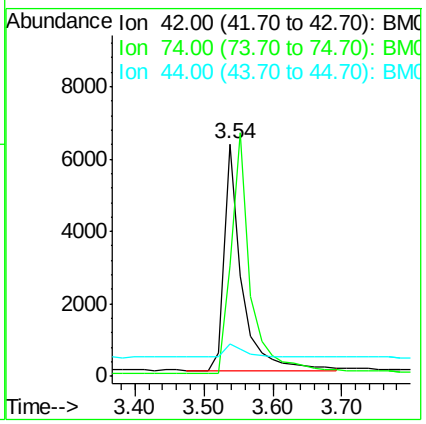


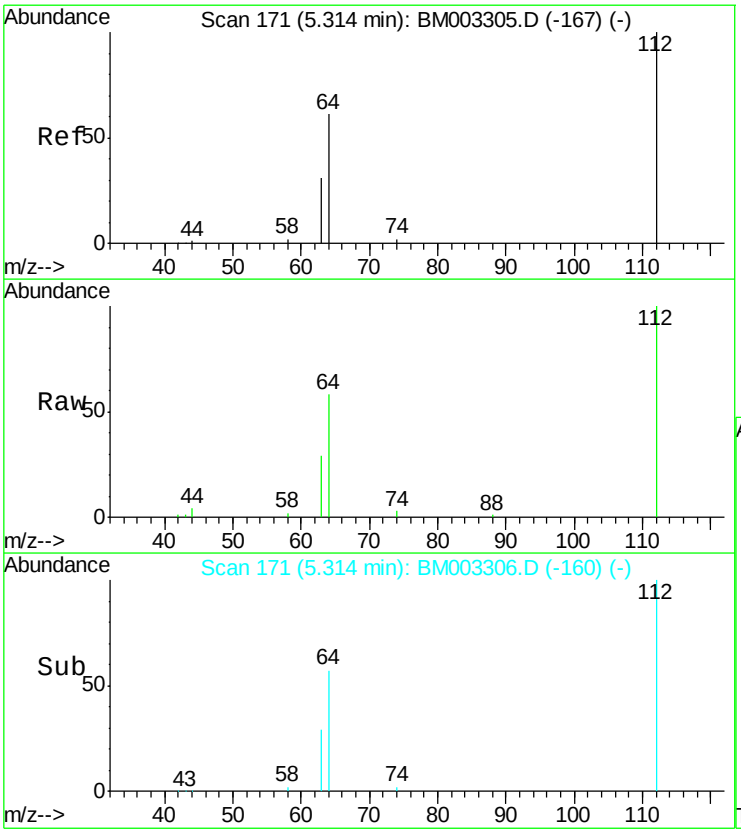
#3
n-Nitrosodimethylamine
Concen: 1.99 ng
RT: 3.54 min Scan# 56
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 10895

Ion	Ratio	Lower	Upper
42	100		
74	122.1	101.0	151.4
44	6.7	6.3	9.5

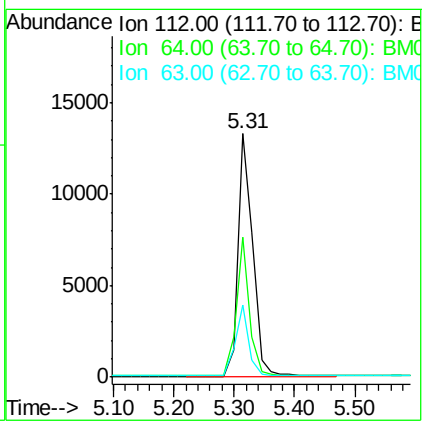


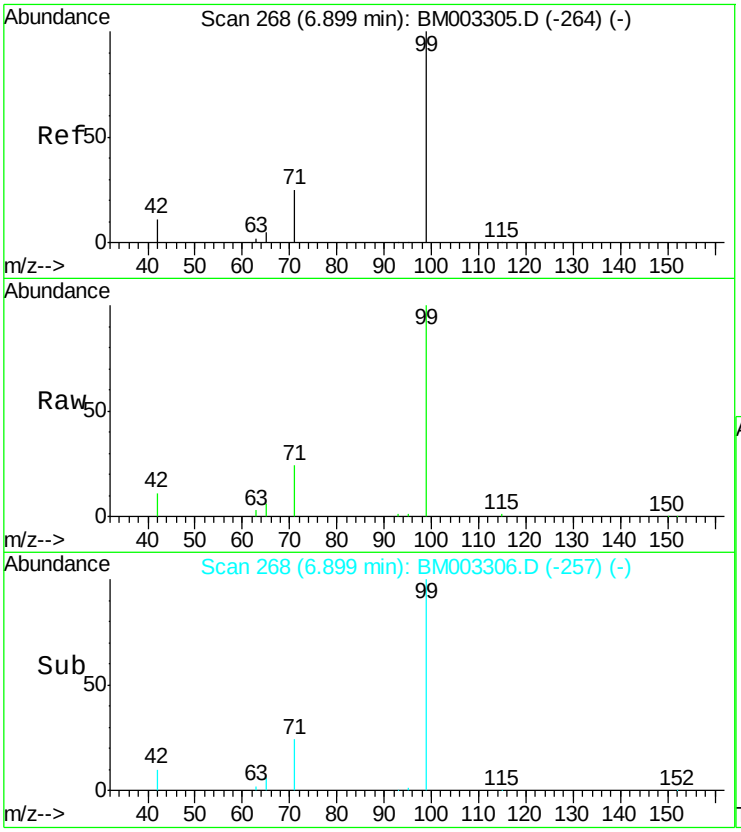


#4
2-Fluorophenol
Concen: 1.94 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:112 Resp: 22499

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.2	61.8
63	26.9	21.2	31.8



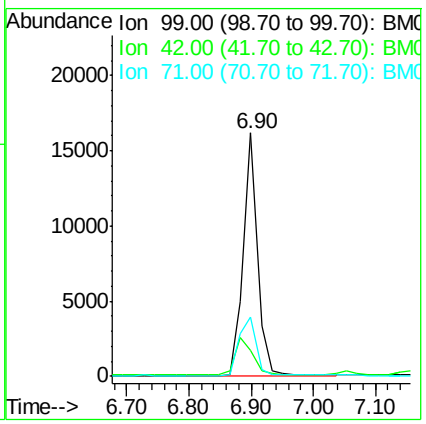


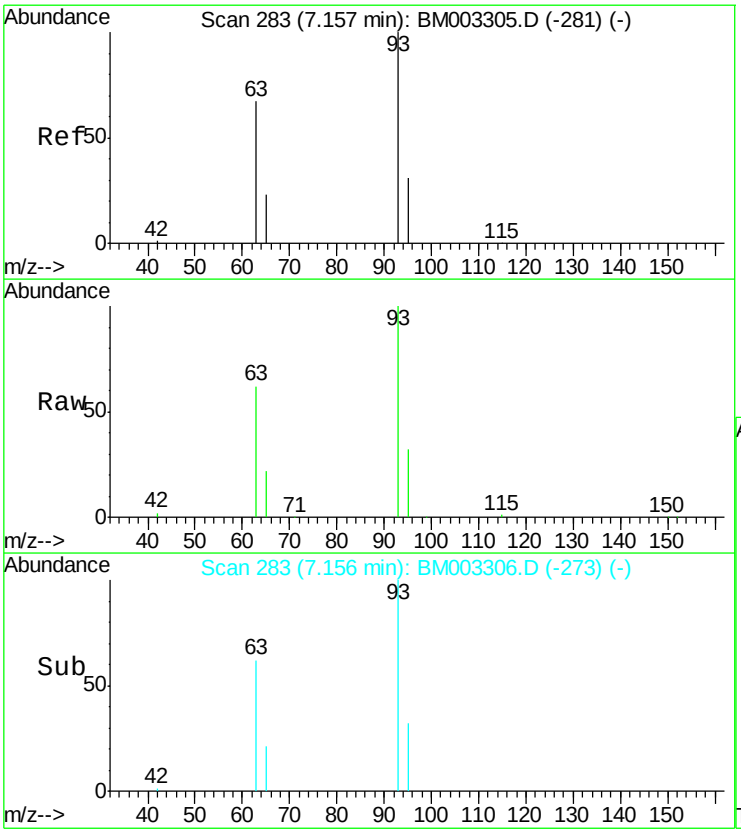
#5
Phenol-d6
Concen: 2.02 ng
RT: 6.90 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 26000

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	29.4	23.3	34.9

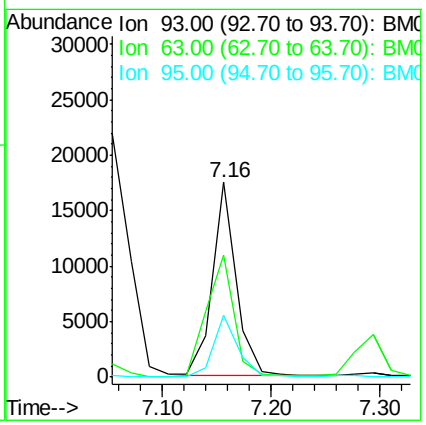


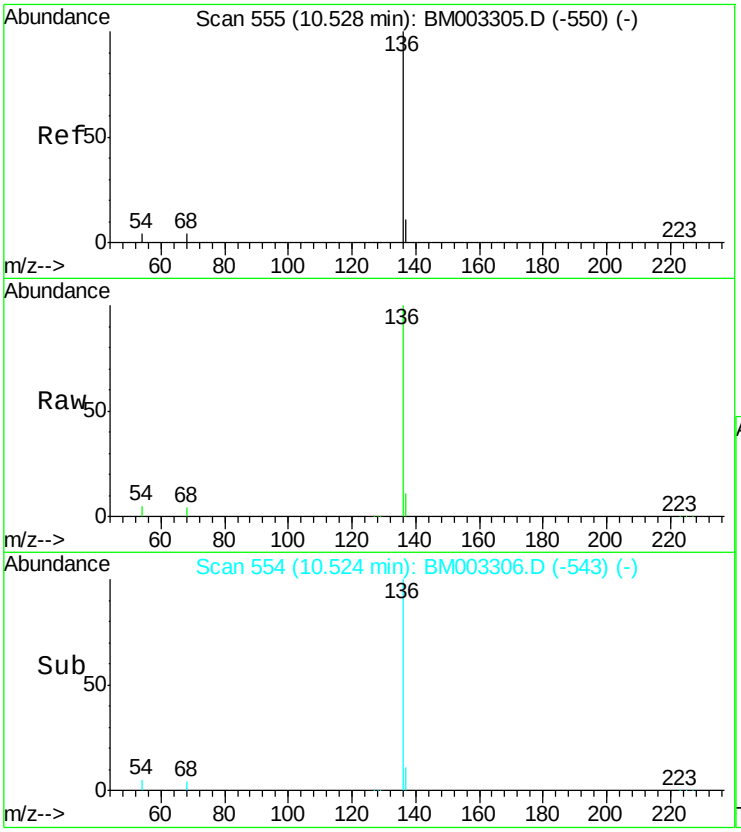


#6
bis(2-Chloroethyl)ether
Concen: 1.88 ng
RT: 7.16 min Scan# 283
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion: 93 Resp: 26303

Ion	Ratio	Lower	Upper
93	100		
63	71.7	58.2	87.4
95	32.4	26.2	39.4



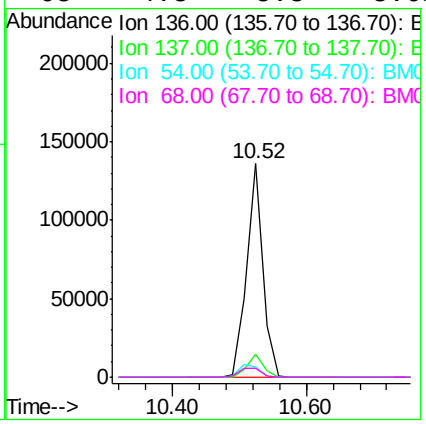


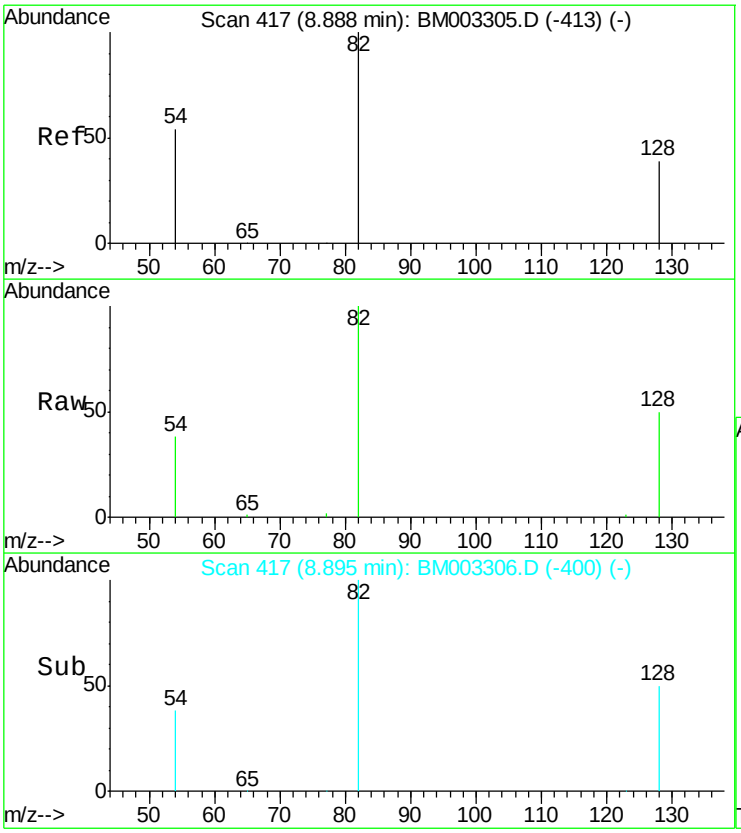
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 554
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 228417

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.0	12.0
54	5.0	7.4	11.0#
68	4.3	5.8	8.6#

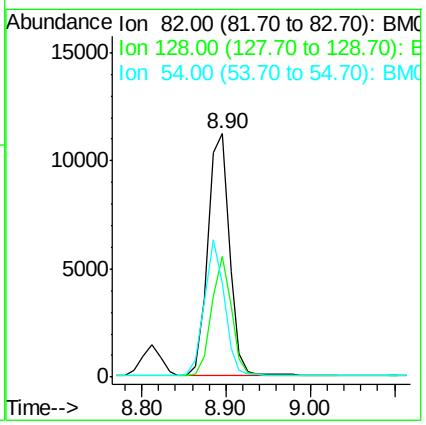


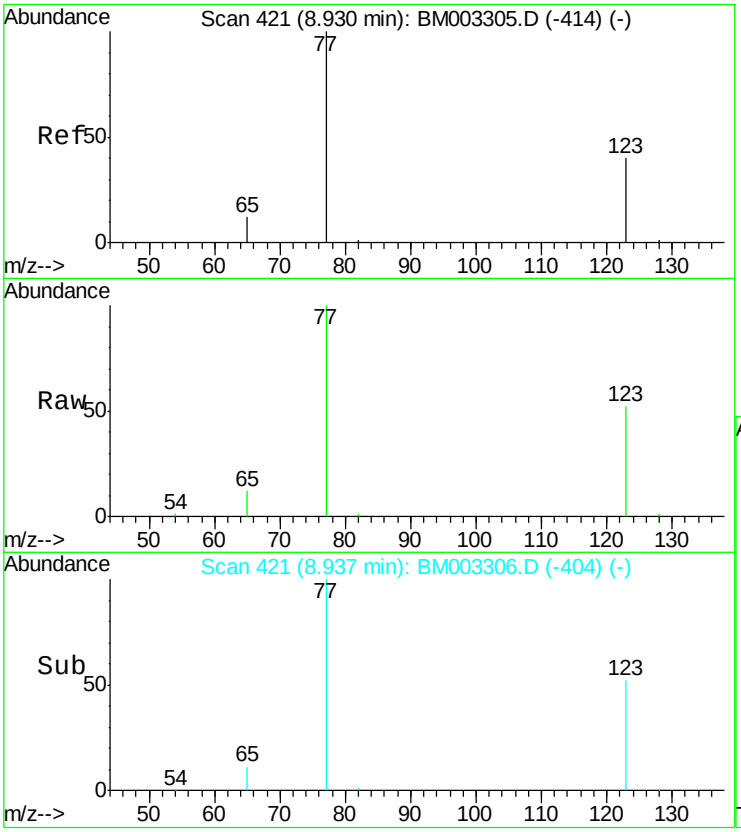


#8
Nitrobenzene-d5
Concen: 2.01 ng
RT: 8.90 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion: 82 Resp: 19771

Ion	Ratio	Lower	Upper
82	100		
128	49.8	35.2	52.8
54	38.4	36.4	54.6



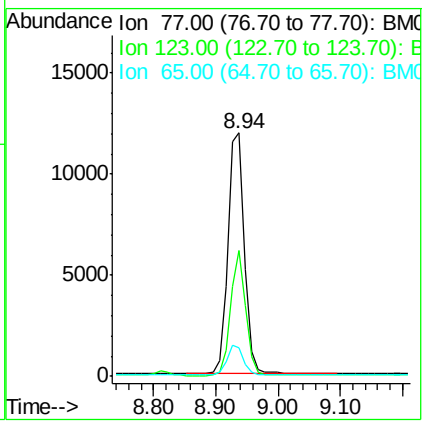


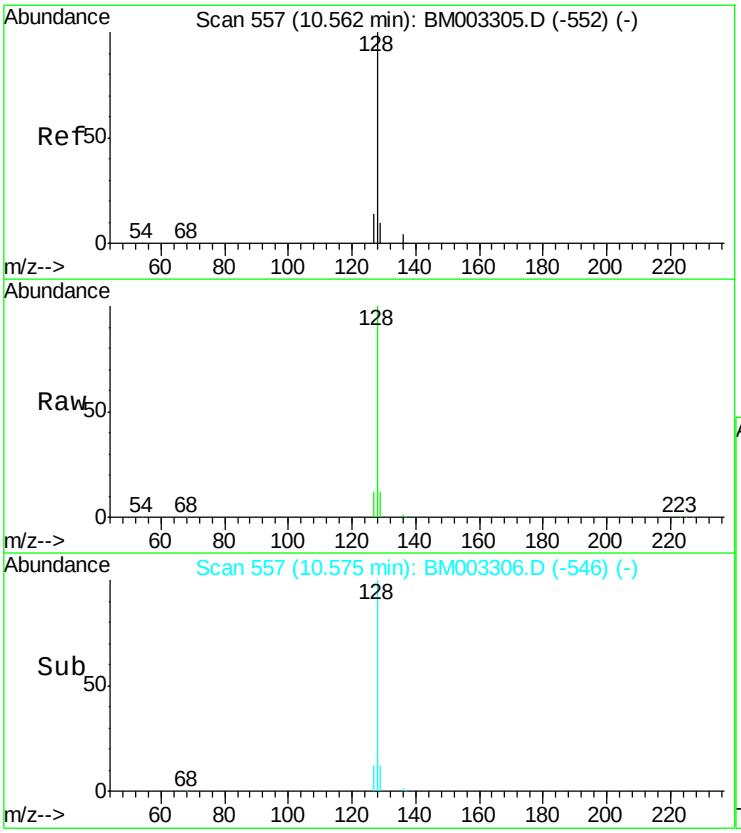
#9
Nitrobenzene
Concen: 2.10 ng
RT: 8.94 min Scan# 421
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 21971

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.7	56.5
65	12.2	9.8	14.6

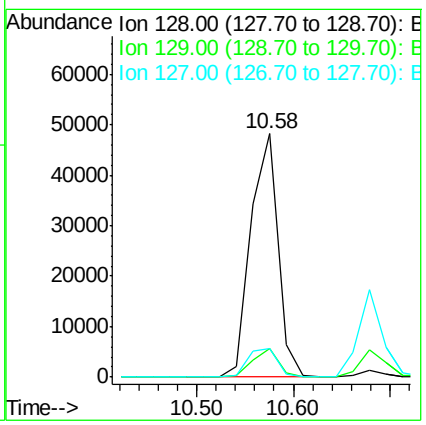


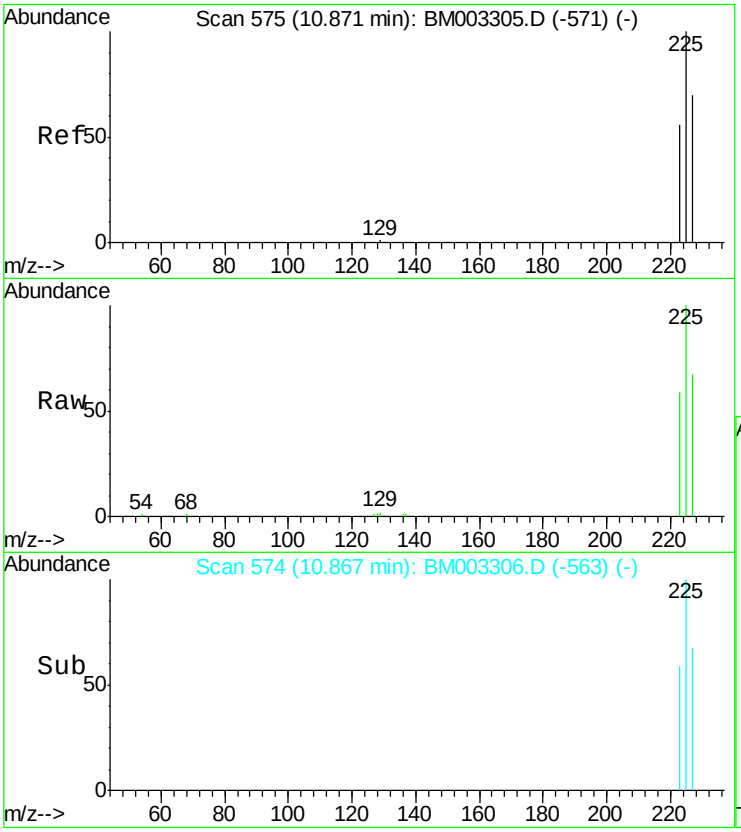


#10
Naphthalene
Concen: 1.84 ng
RT: 10.58 min Scan# 557
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:128 Resp: 93920

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.5	12.7
127	11.6	10.6	16.0



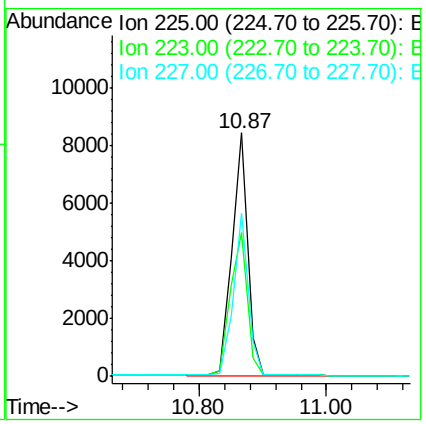


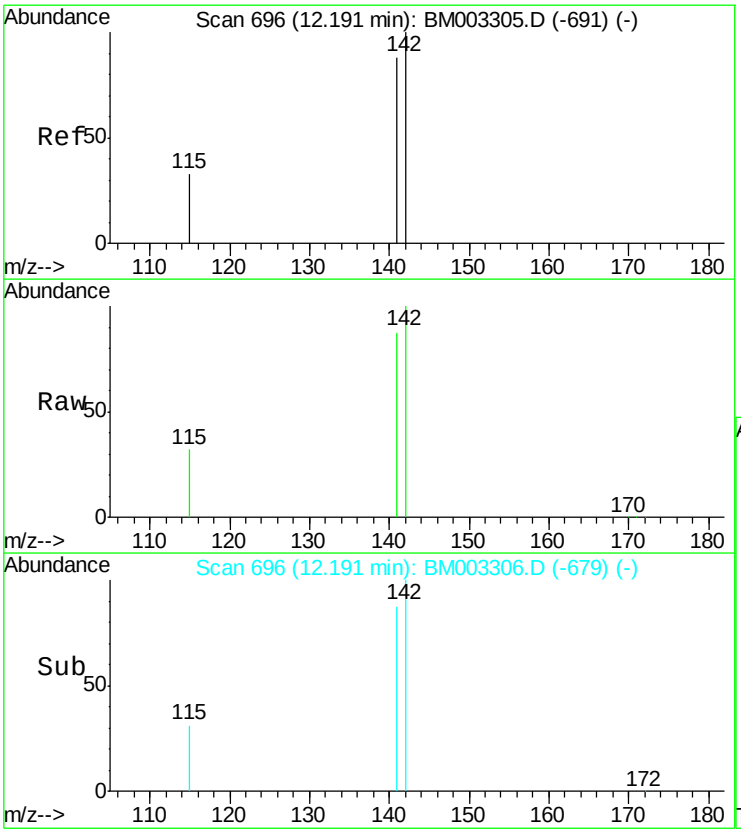
#11
Hexachlorobutadiene
Concen: 1.74 ng
RT: 10.87 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 14498

Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.0	79.4
227	64.5	52.2	78.4

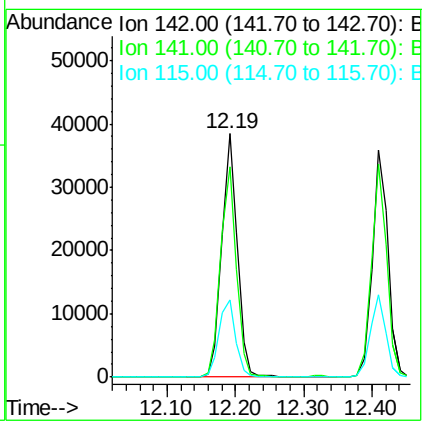


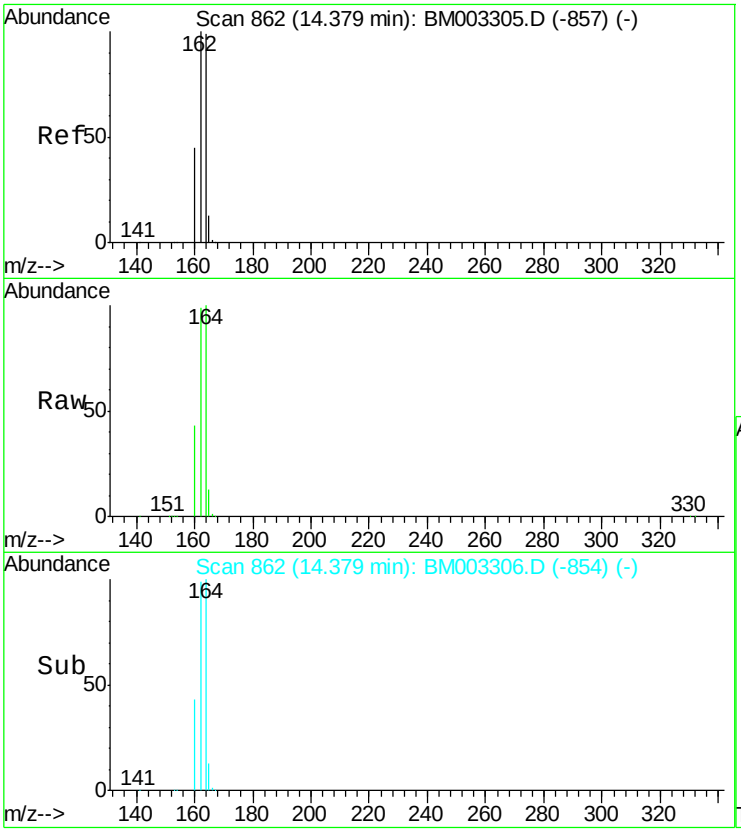


#12
2-Methylnaphthalene
Concen: 1.92 ng
RT: 12.19 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:142 Resp: 60077

Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.2	108.2
115	31.6	28.0	42.0



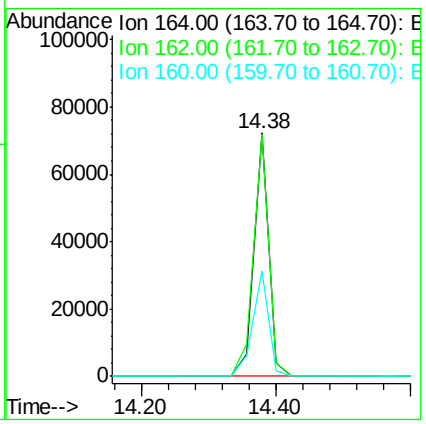


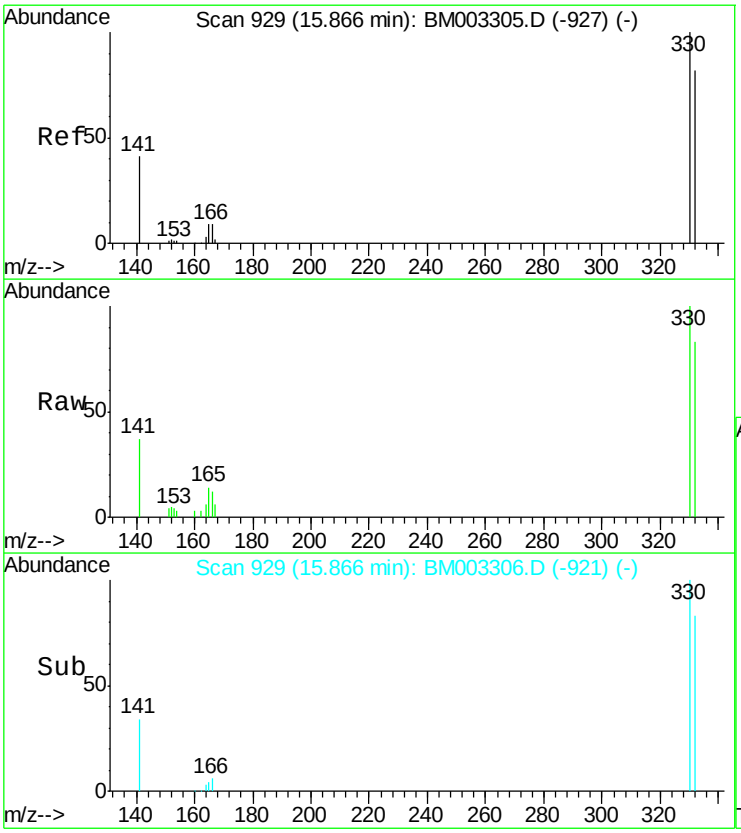
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 862
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 110342

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.3	117.5
160	43.5	33.8	50.6

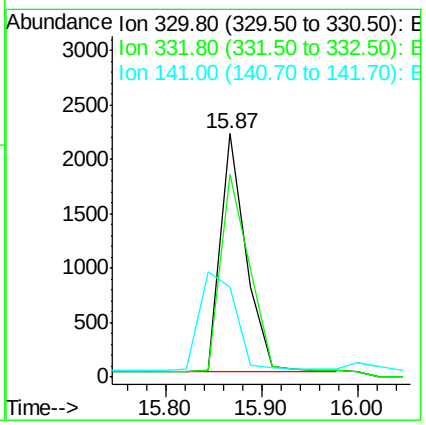


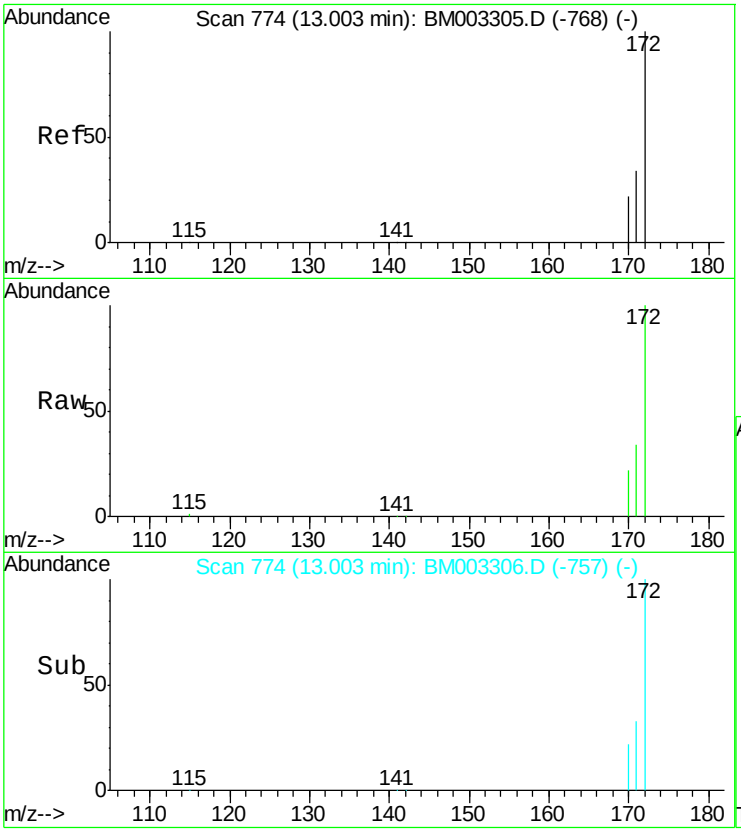


#14
2,4,6-Tribromophenol
Concen: 2.33 ng
RT: 15.87 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:330 Resp: 4134

Ion	Ratio	Lower	Upper
330	100		
332	93.0	76.0	114.0
141	0.0	0.0	0.0



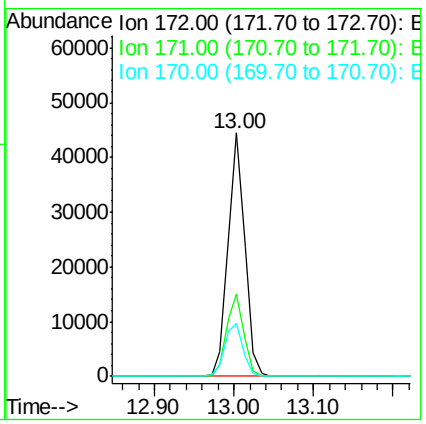


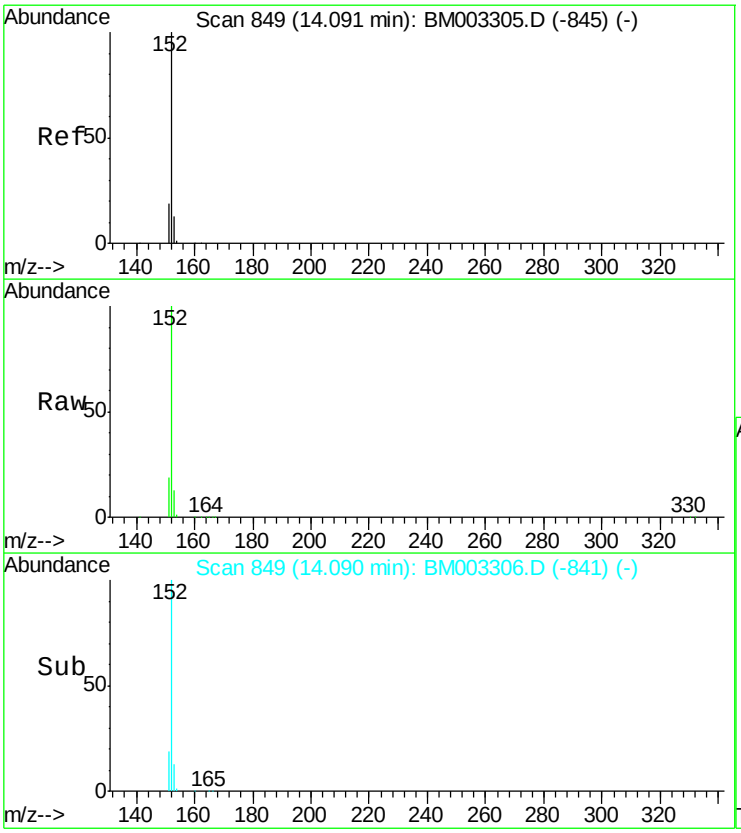
#15
2-Fluorobiphenyl
Concen: 1.75 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 64879

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.0	42.0
170	21.8	18.9	28.3

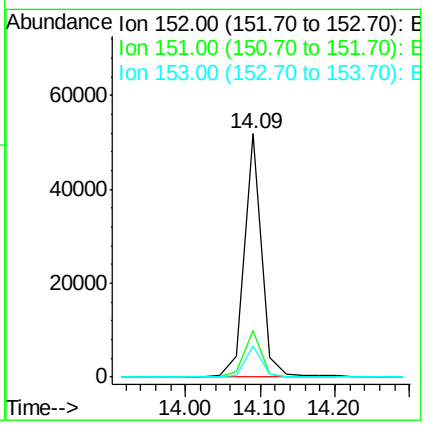


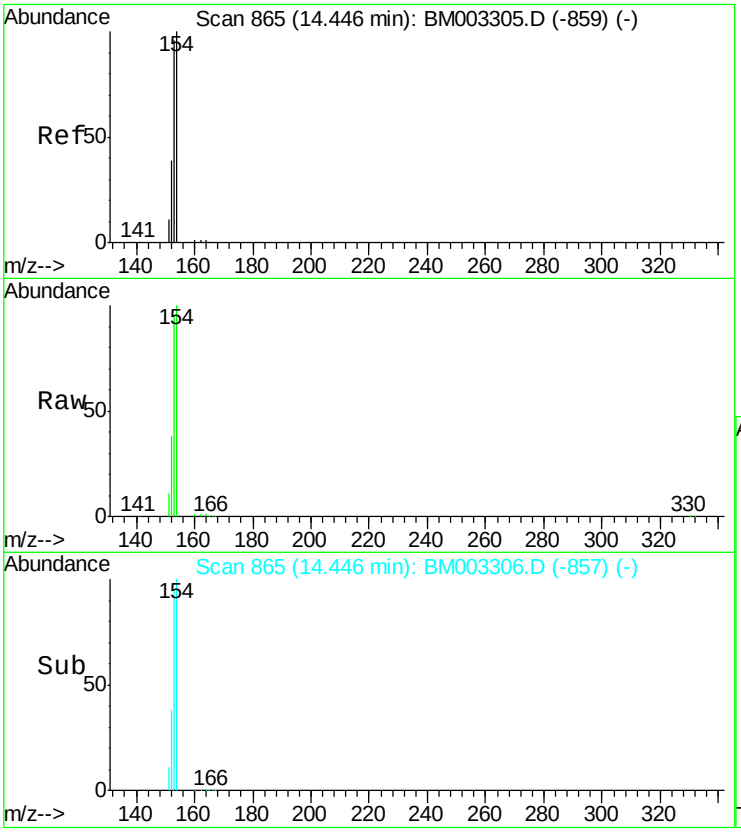


#16
Acenaphthylene
Concen: 2.19 ng
RT: 14.09 min Scan# 849
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:152 Resp: 82293

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	12.9	10.4	15.6



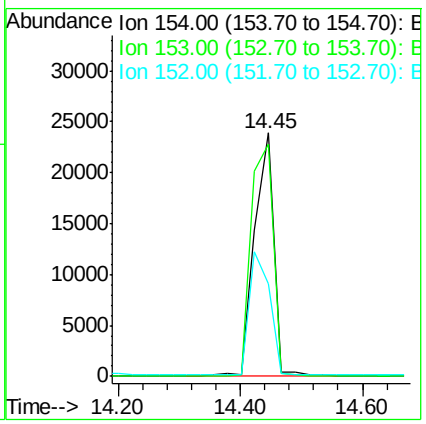


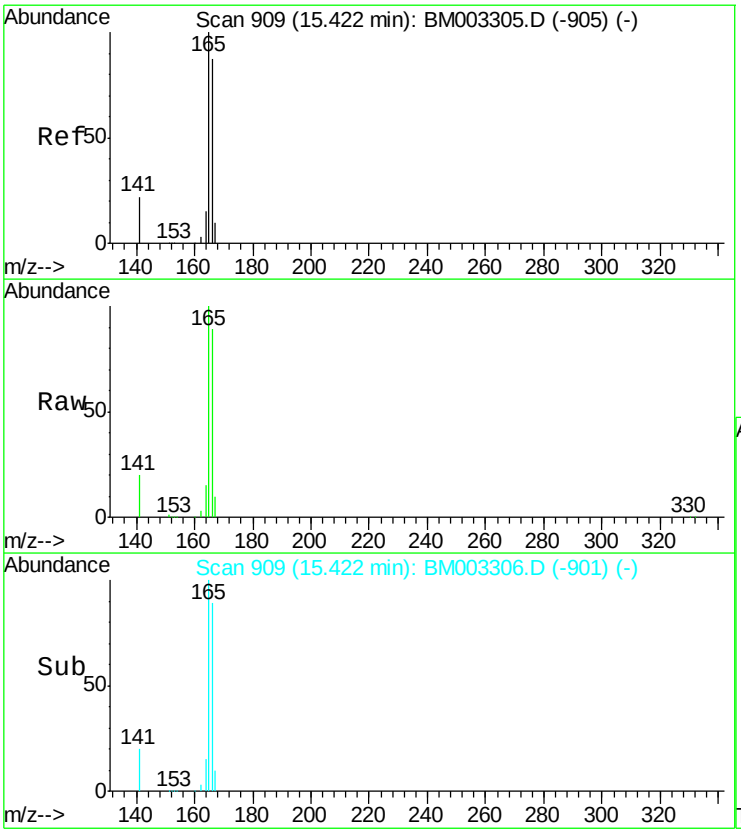
#17
Acenaphthene
Concen: 1.61 ng
RT: 14.45 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:154 Resp: 52497

Ion	Ratio	Lower	Upper
154	100		
153	109.7	0.0	0.0#
152	0.0	0.0	0.0

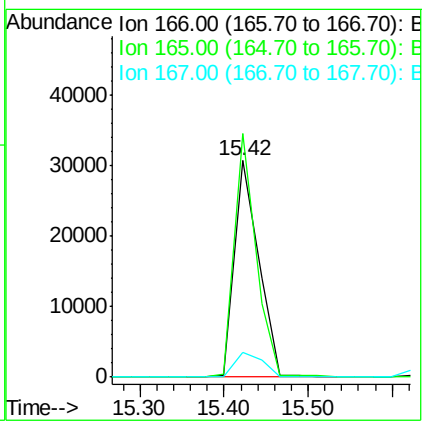


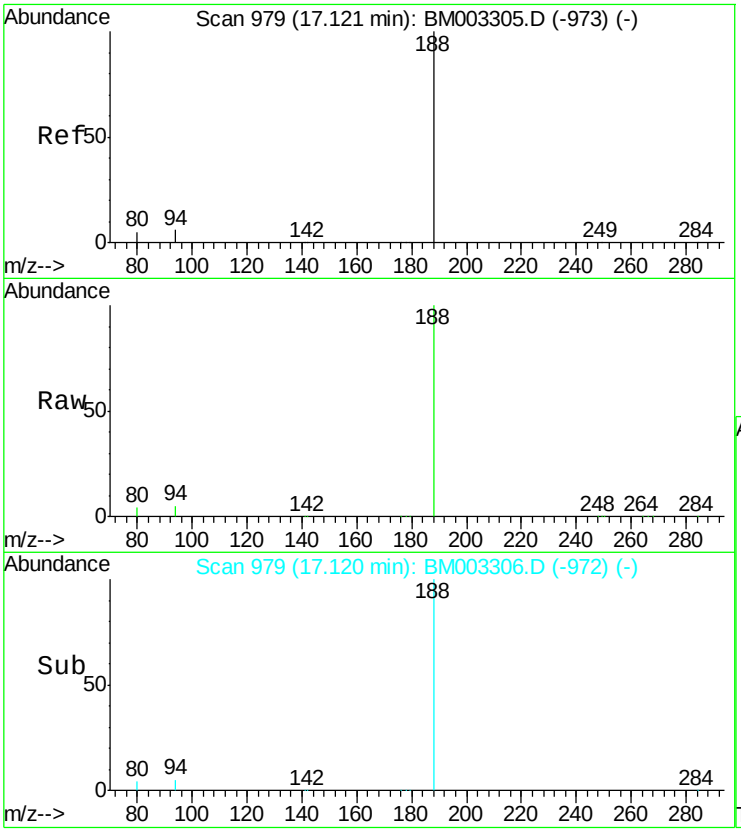


#18
Fluorene
Concen: 1.91 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:166 Resp: 60247

Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.8	121.2
167	13.1	10.5	15.7



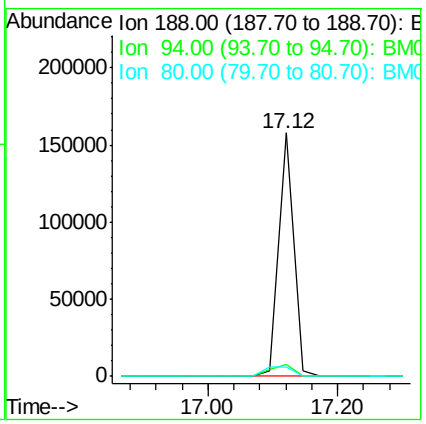


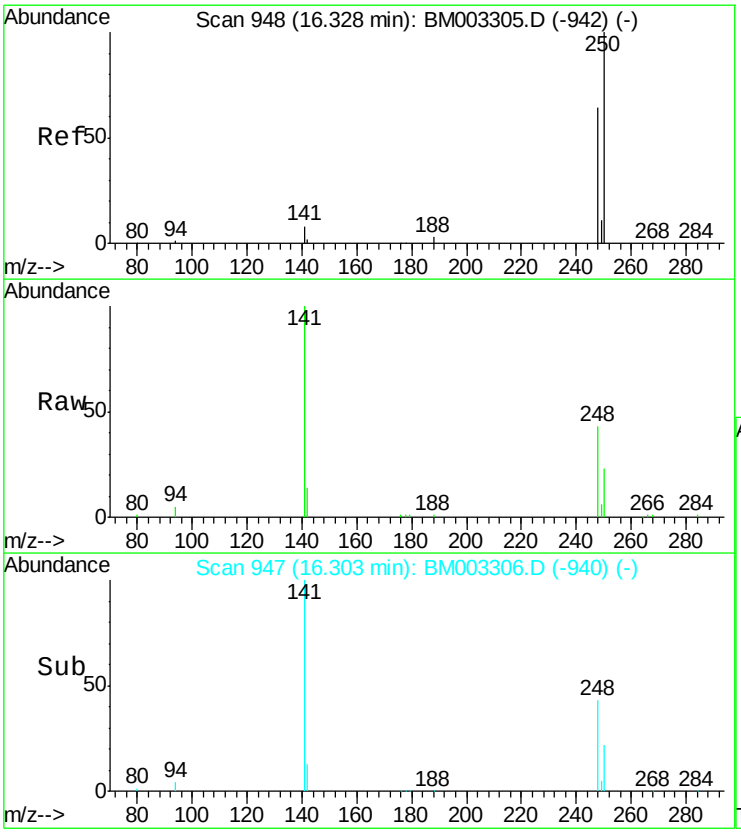
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 253820

Ion	Ratio	Lower	Upper
188	100		
94	4.9	1.8	2.6#
80	4.1	1.4	2.0#

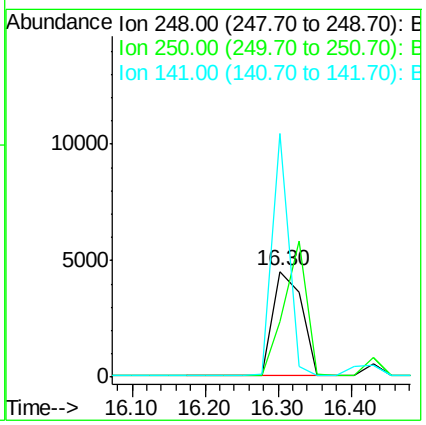


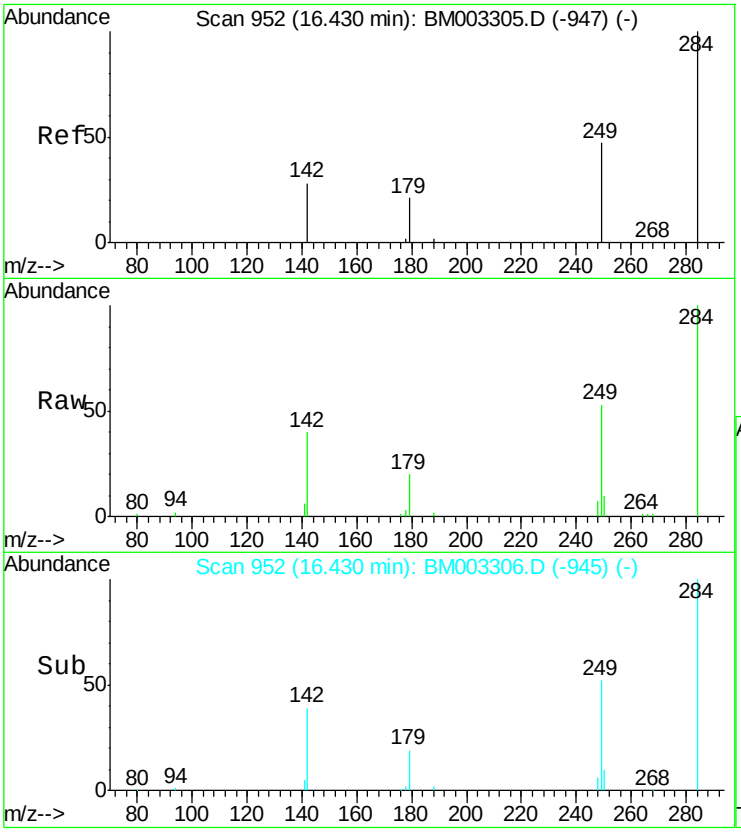


#20
4-Bromophenyl-phenylether
Concen: 1.44 ng
RT: 16.30 min Scan# 947
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:248 Resp: 12544

Ion	Ratio	Lower	Upper
248	100		
250	0.0	65.4	98.0#
141	133.1	72.8	109.2#



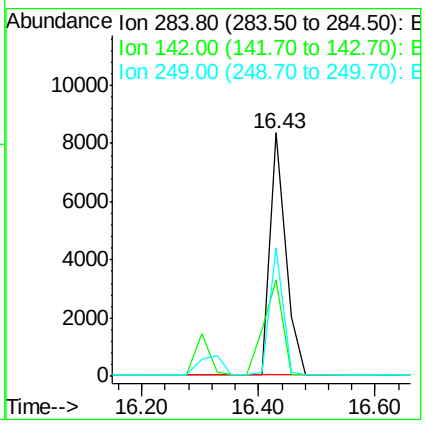


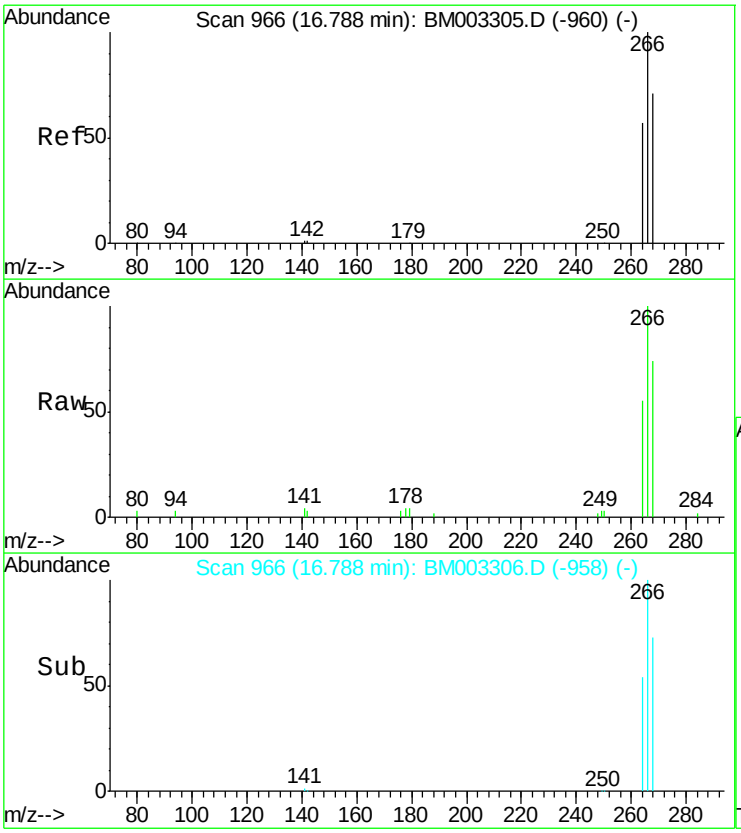
#21
Hexachlorobenzene
Concen: 1.73 ng
RT: 16.43 min Scan# 952
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 15876

Ion	Ratio	Lower	Upper
284	100		
142	46.5	0.0	0.0#
249	43.6	19.4	29.2#

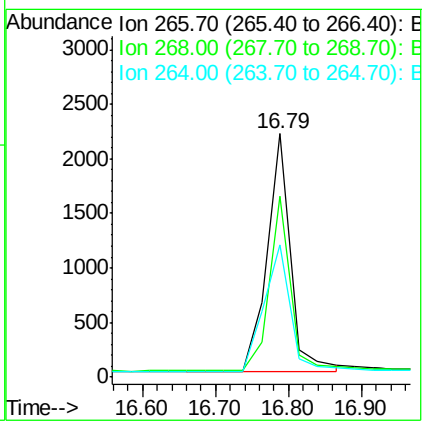


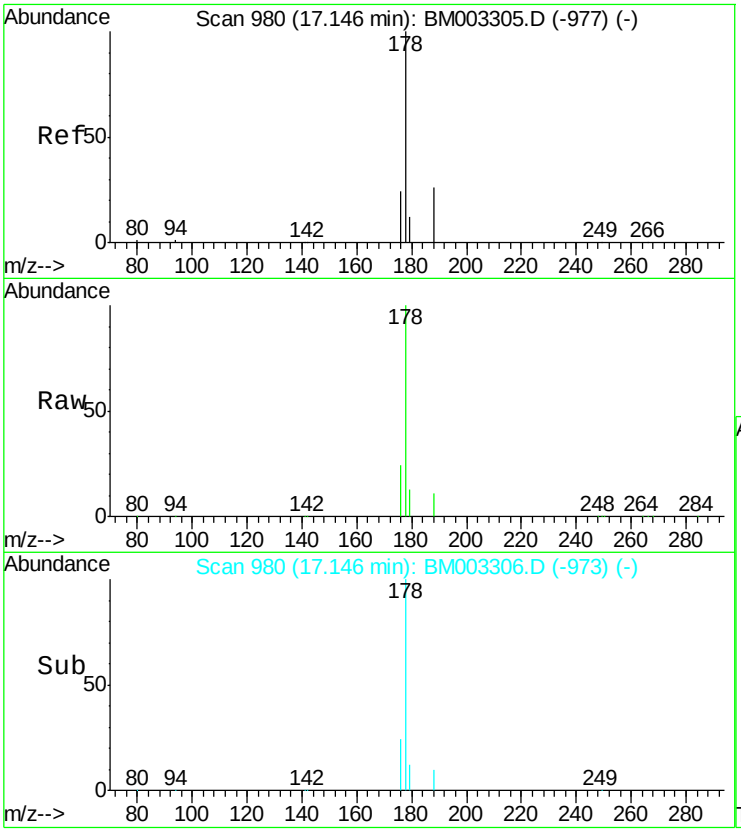


#22
Pentachlorophenol
Concen: 1.64 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:266 Resp: 4840

Ion	Ratio	Lower	Upper
266	100		
268	74.1	45.8	68.8#
264	54.5	56.7	85.1#



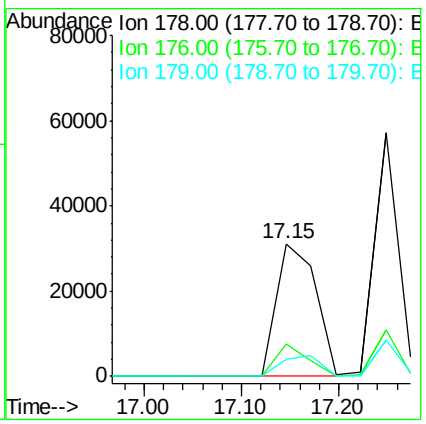


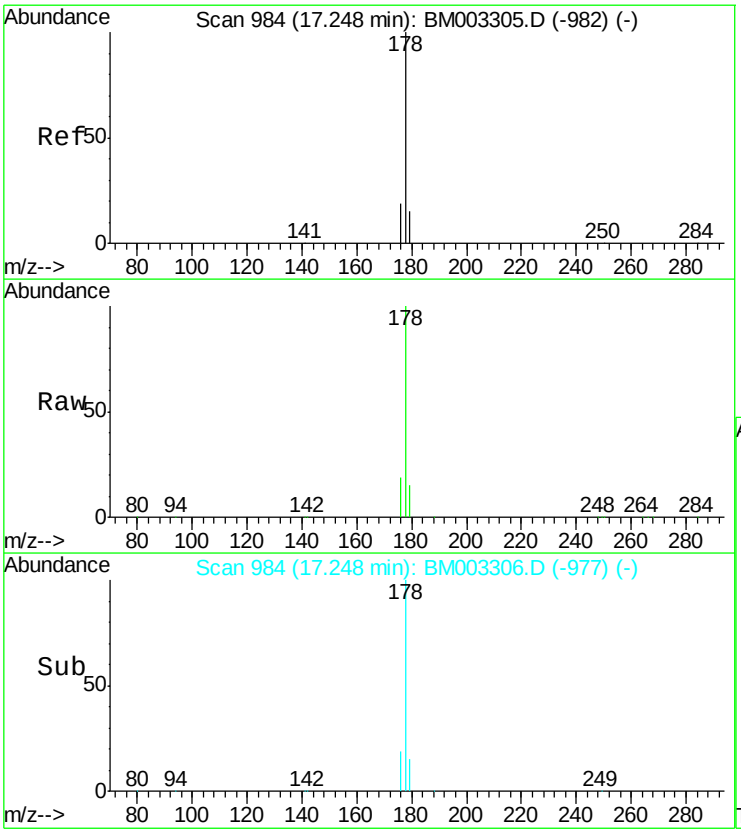
#23
Phenanthrene
Concen: 1.44 ng
RT: 17.15 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 87690

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	0.0	11.7	17.5#

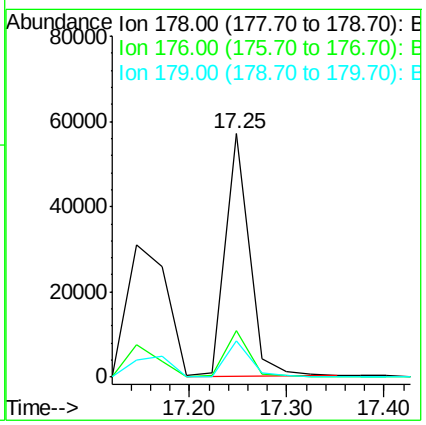


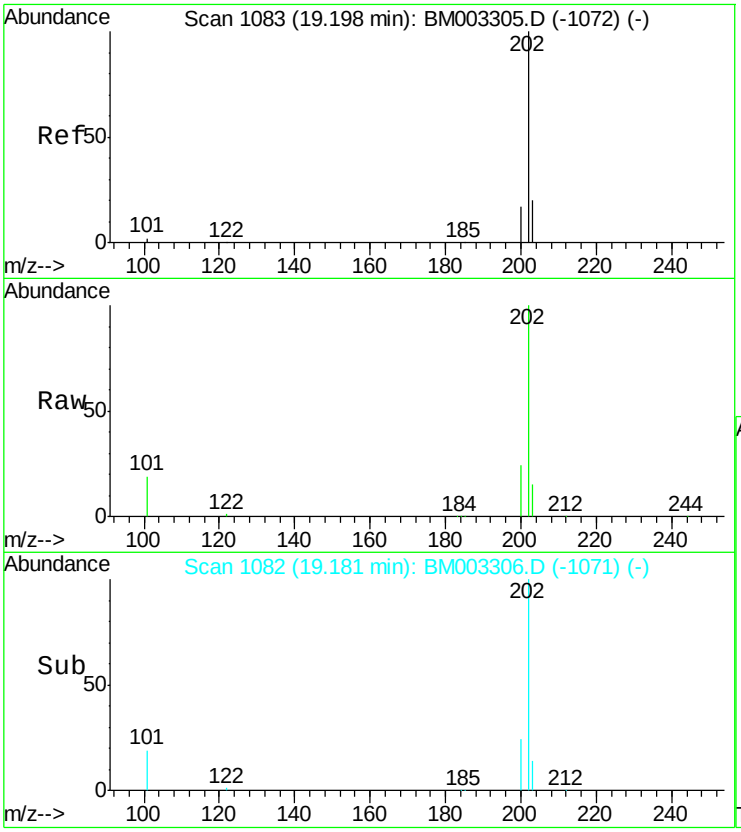


#24
Anthracene
Concen: 2.13 ng
RT: 17.25 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:178 Resp: 96985

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.1	21.1
179	14.8	12.8	19.2



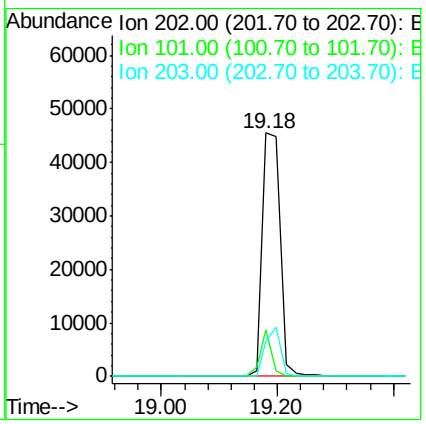


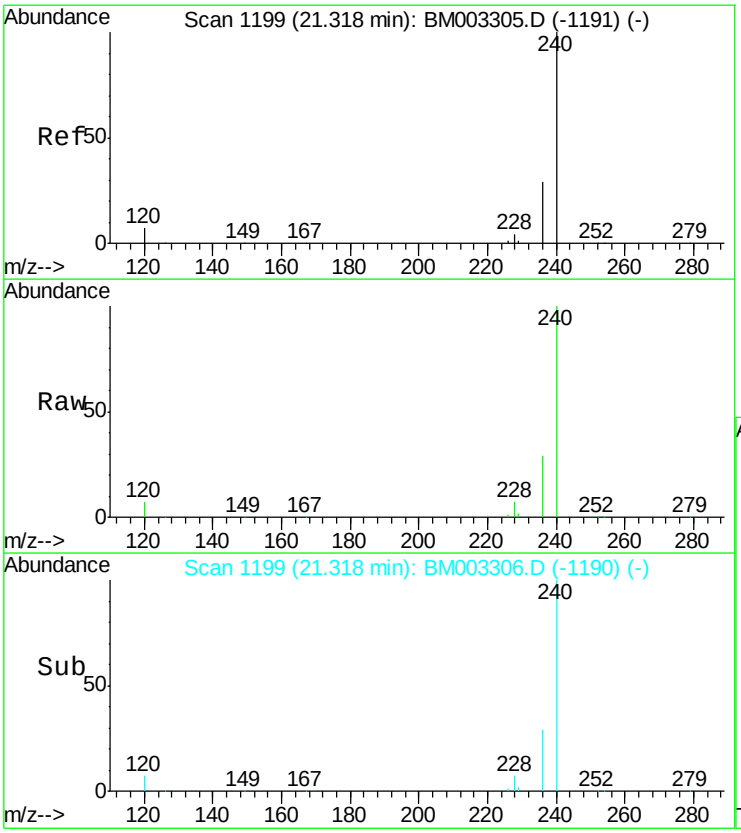
#25
Fluoranthene
Concen: 1.78 ng
RT: 19.18 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:202 Resp: 97408

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
203	17.4	13.9	20.9

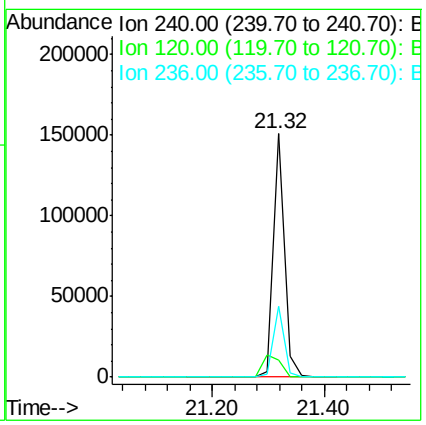


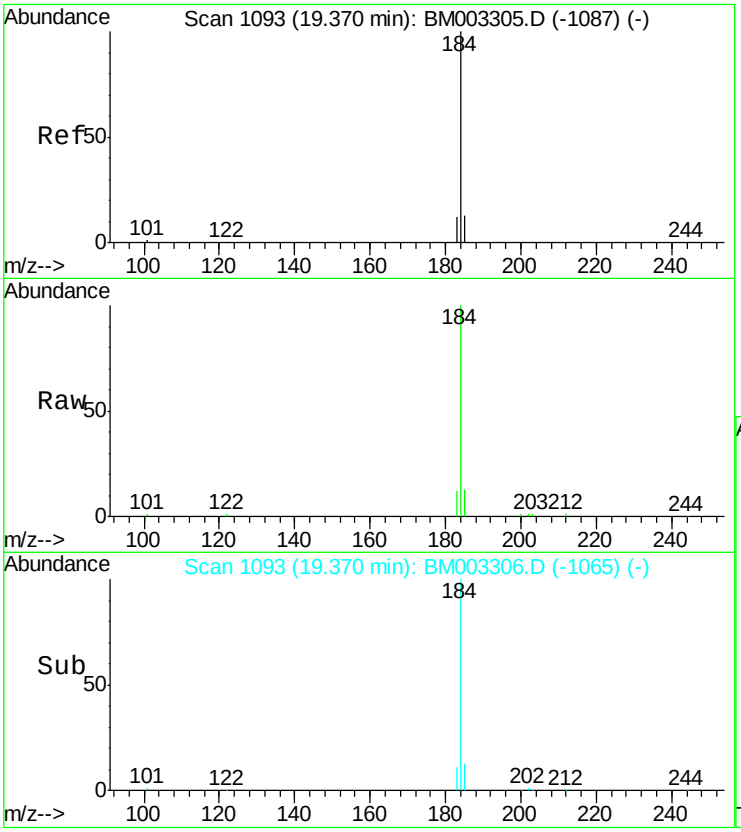


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:240 Resp: 207842

Ion	Ratio	Lower	Upper
240	100		
120	6.8	1.0	1.4#
236	29.2	17.9	26.9#



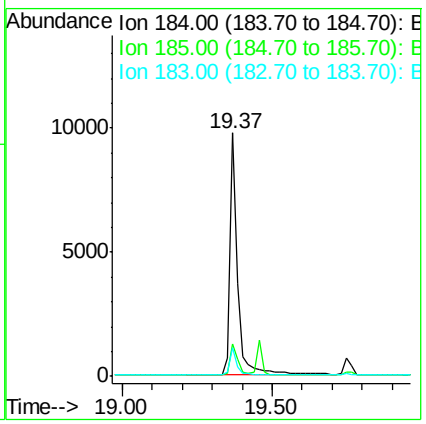


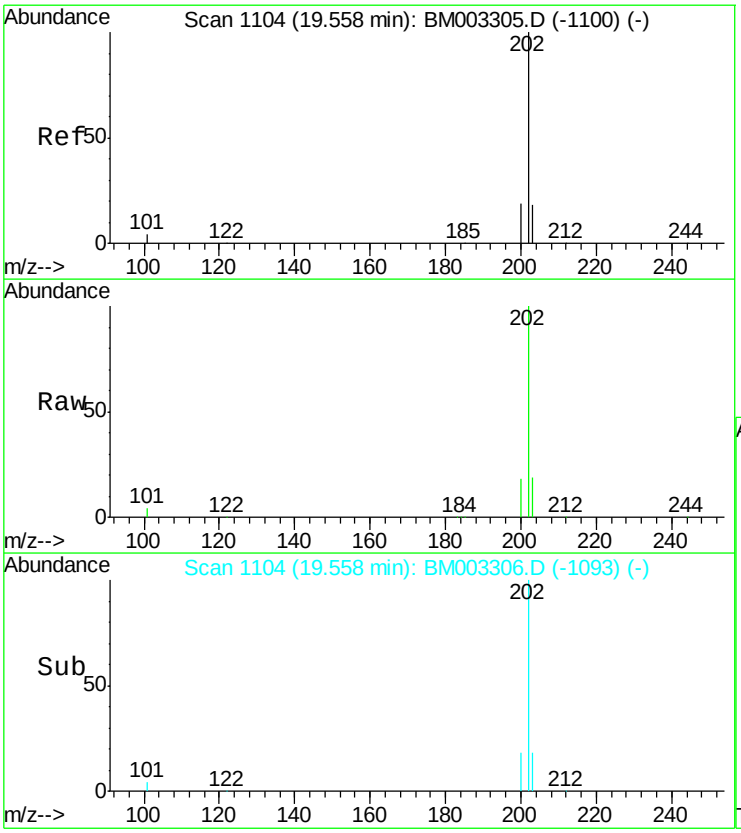
#27
Benzidine
Concen: 2.42 ng
RT: 19.37 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 17558

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.6	17.4
183	11.9	8.6	13.0

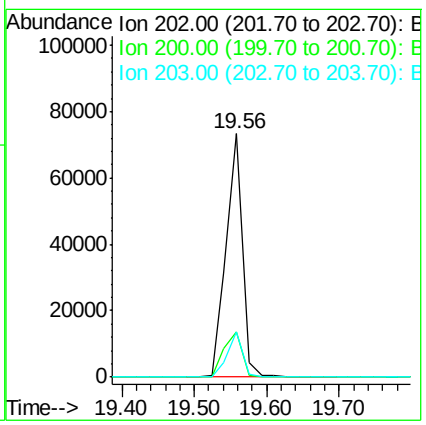


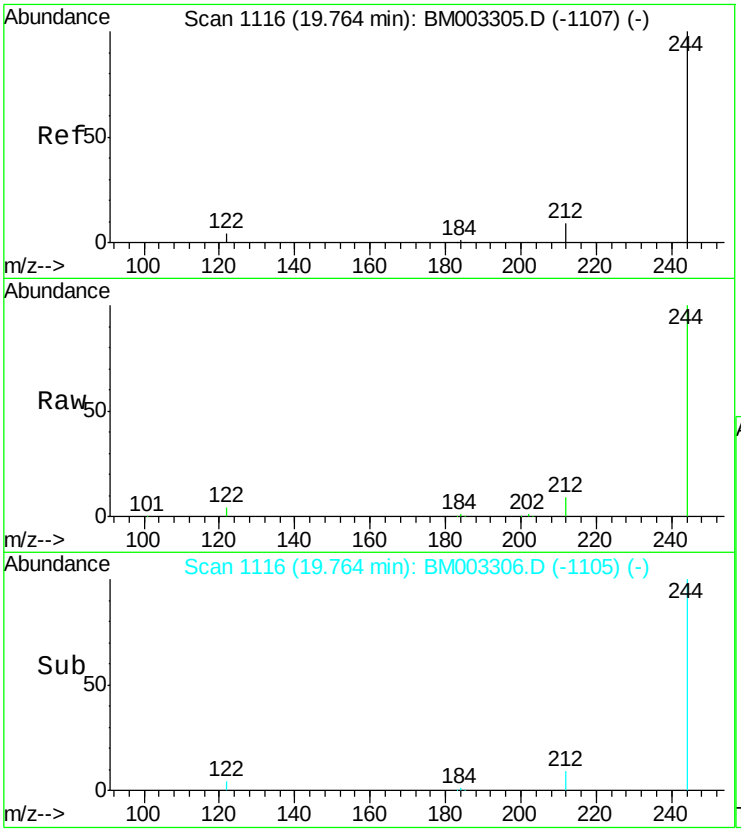


#28
Pyrene
Concen: 1.76 ng
RT: 19.56 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:202 Resp: 113231

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	13.8	20.6



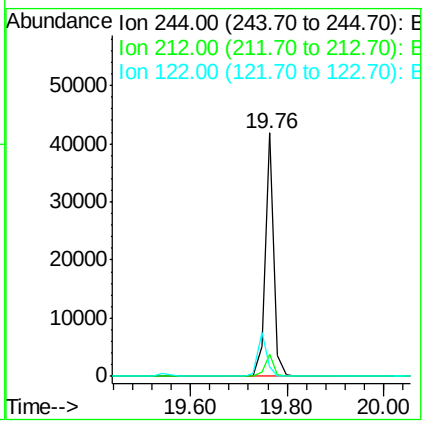


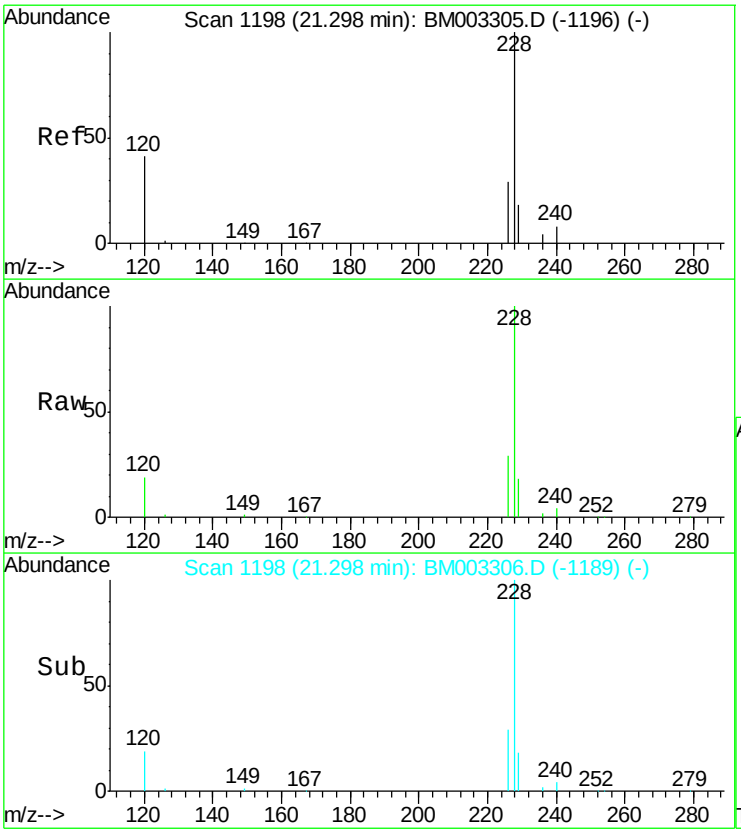
#29
Terphenyl-d14
Concen: 1.77 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 52485

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	4.0	2.0	3.0#

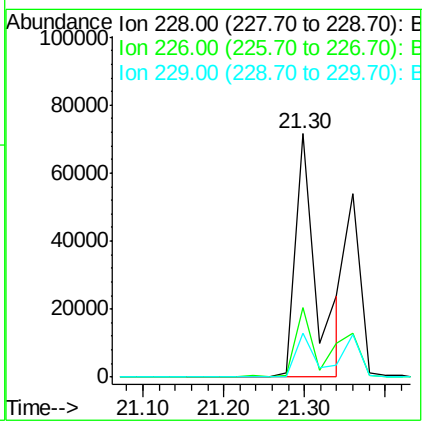


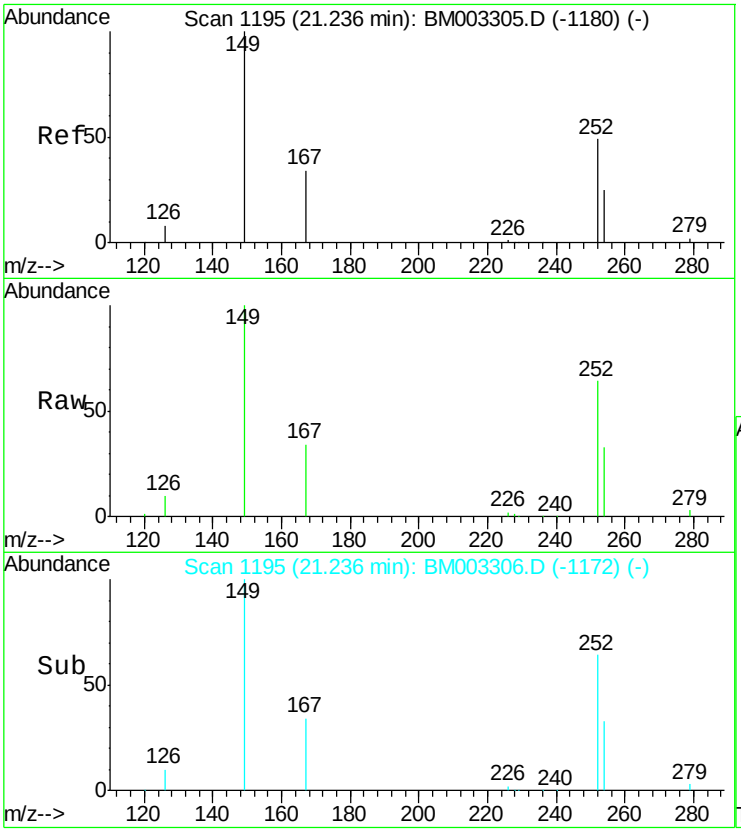


#30
Benzo(a)anthracene
Concen: 2.52 ng
RT: 21.30 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:228 Resp: 131240

Ion	Ratio	Lower	Upper
228	100		
226	28.6	17.8	26.6#
229	18.0	18.0	27.0#



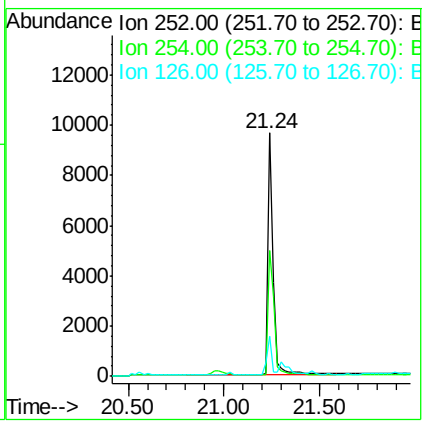


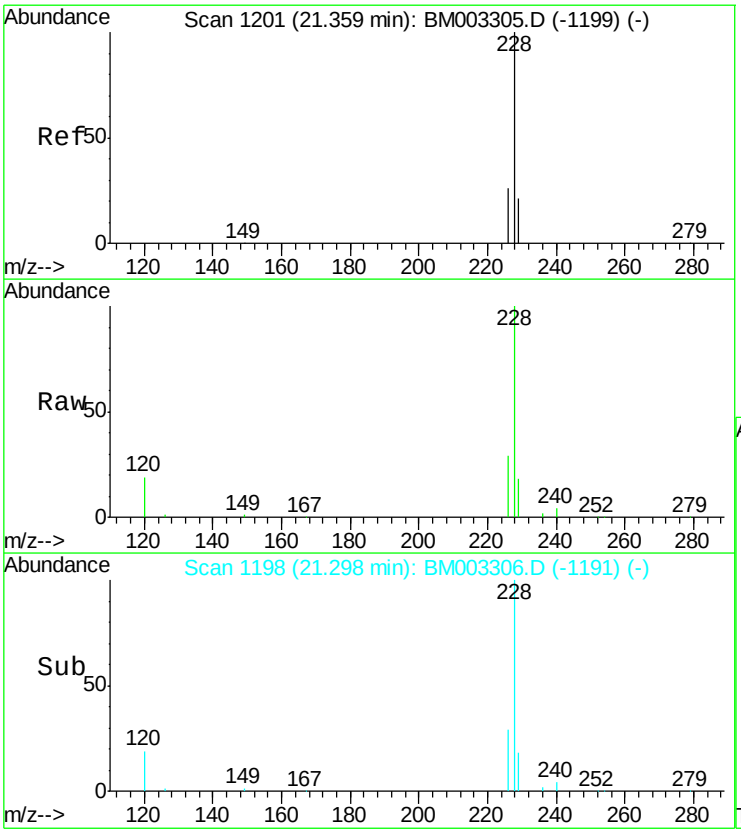
#31
3,3'-Dichlorobenzidine
Concen: 2.04 ng
RT: 21.24 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 18537

Ion	Ratio	Lower	Upper
252	100		
254	51.8	53.7	80.5#
126	16.5	2.8	4.2#

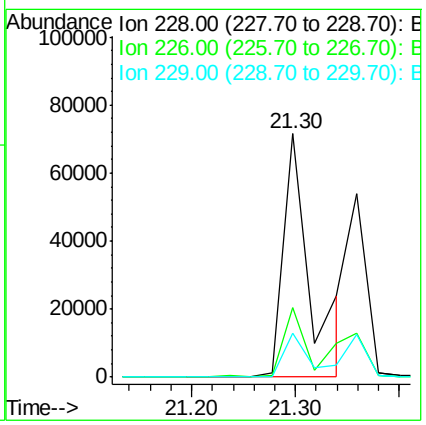


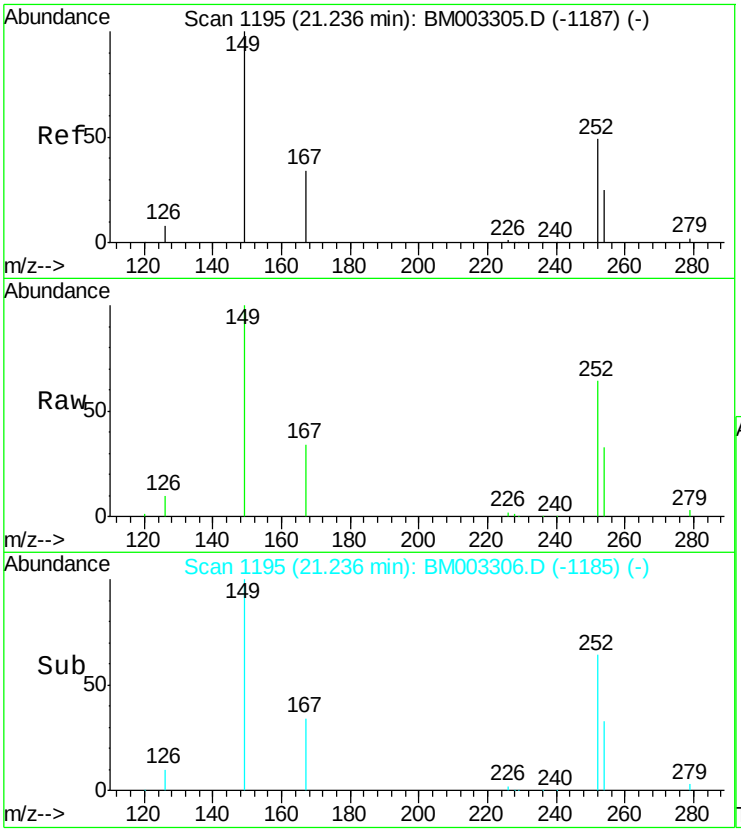


#32
Chrysene
Concen: 1.96 ng
RT: 21.30 min Scan# 1198
Delta R.T. -0.06 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:228 Resp: 131234

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.5	38.3
229	18.0	14.3	21.5



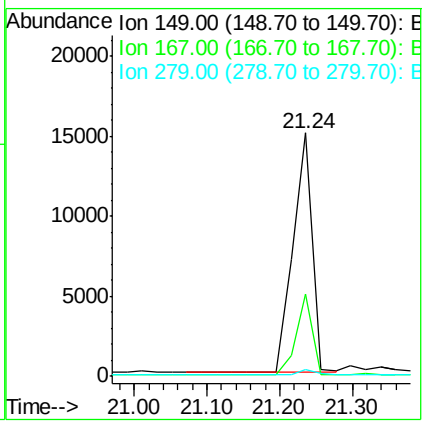


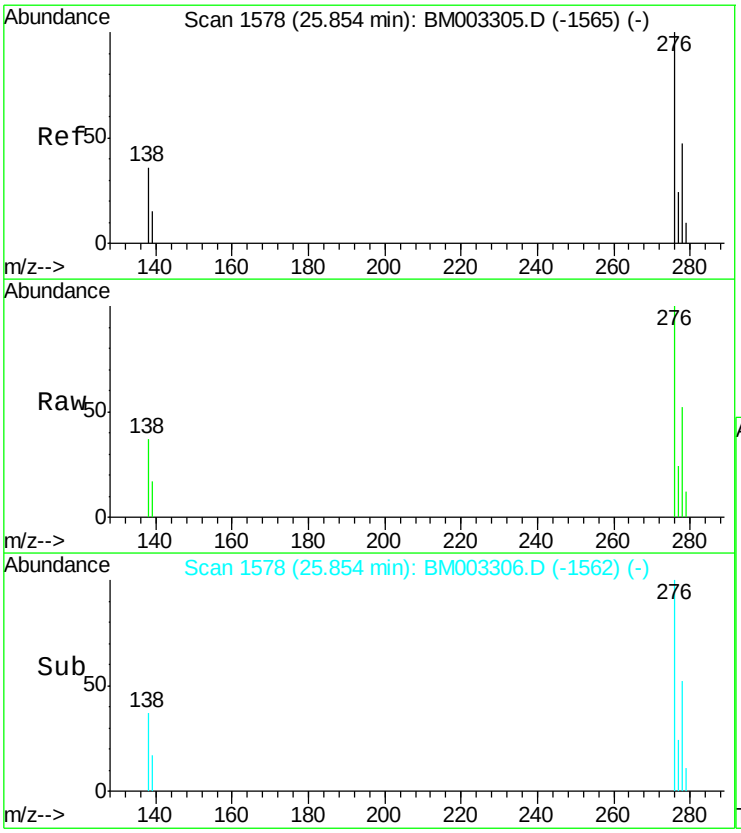
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.34 ng
RT: 21.24 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:149 Resp: 27445

Ion	Ratio	Lower	Upper
149	100		
167	28.7	19.6	29.4
279	2.4	0.0	0.0#

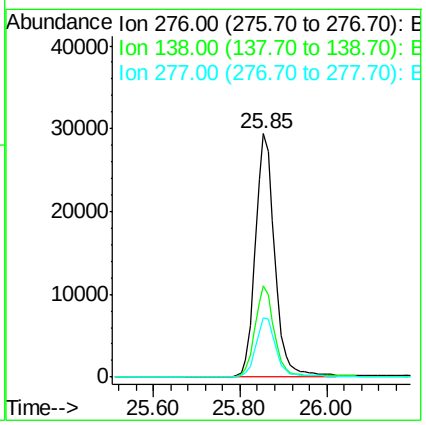


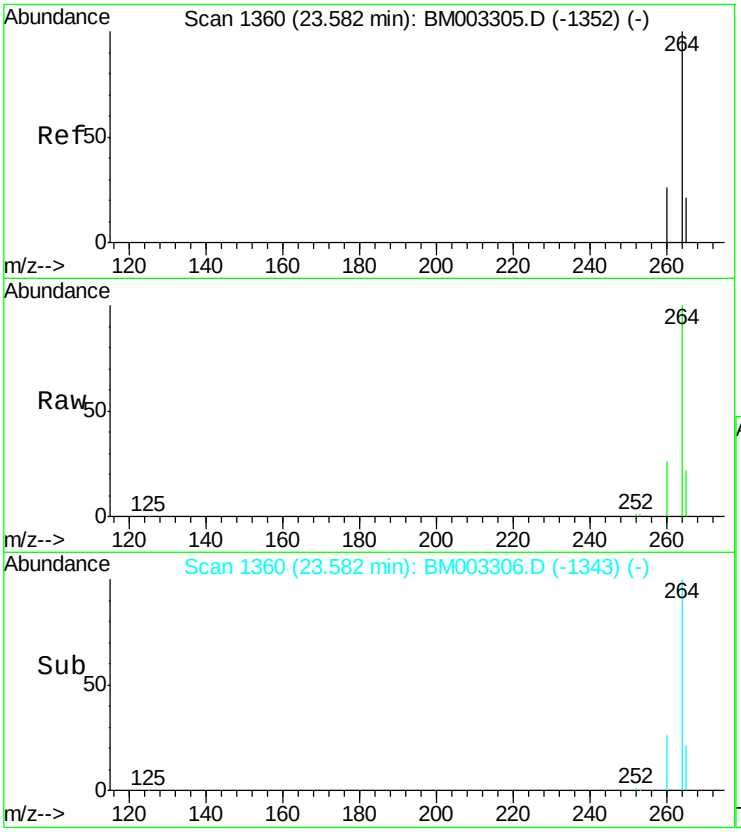


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.98 ng
RT: 25.85 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:276 Resp: 91109

Ion	Ratio	Lower	Upper
276	100		
138	37.1	19.1	28.7#
277	24.8	15.9	23.9#



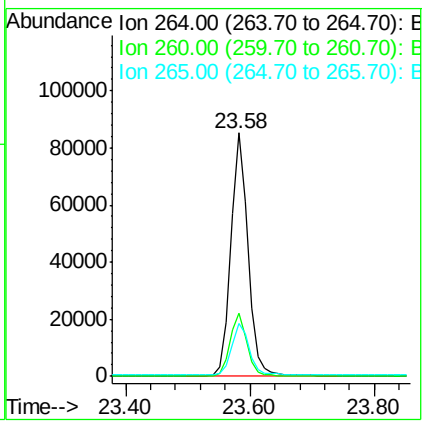


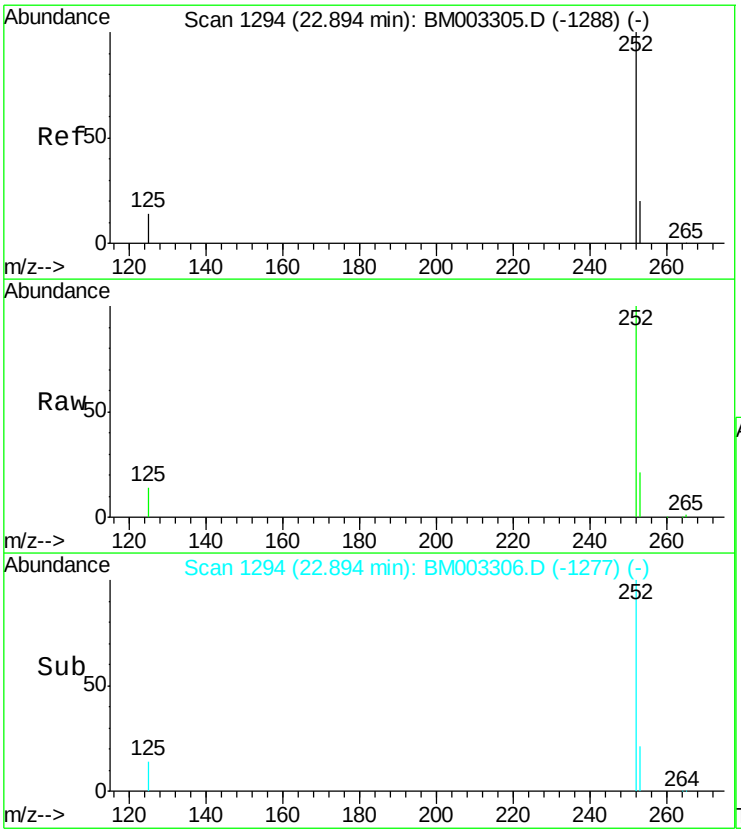
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 166140

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	21.8	18.4	27.6

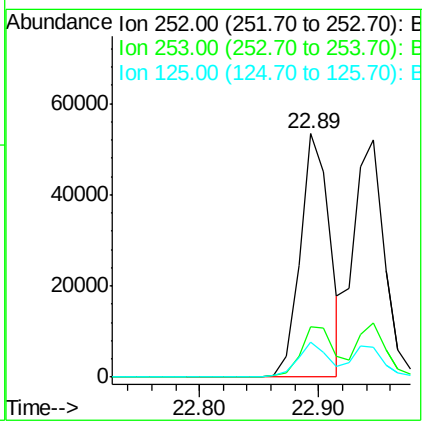


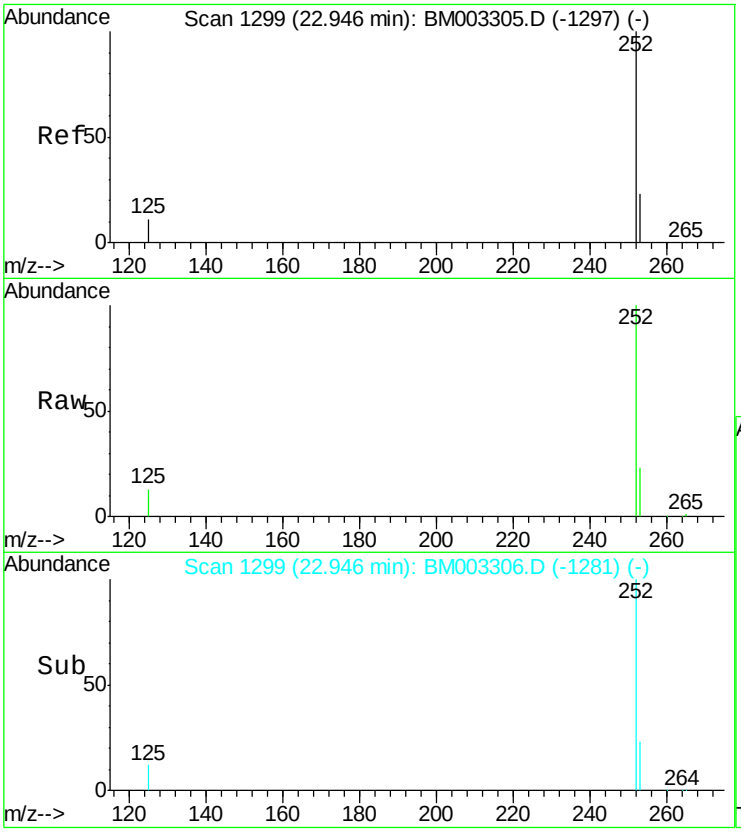


#36
Benzo(b)fluoranthene
Concen: 1.94 ng
RT: 22.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:252 Resp: 90719

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.4
125	14.1	10.3	15.5



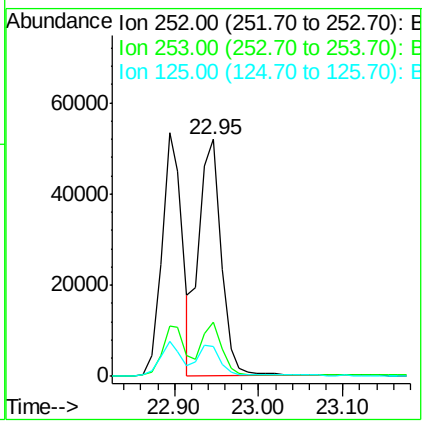


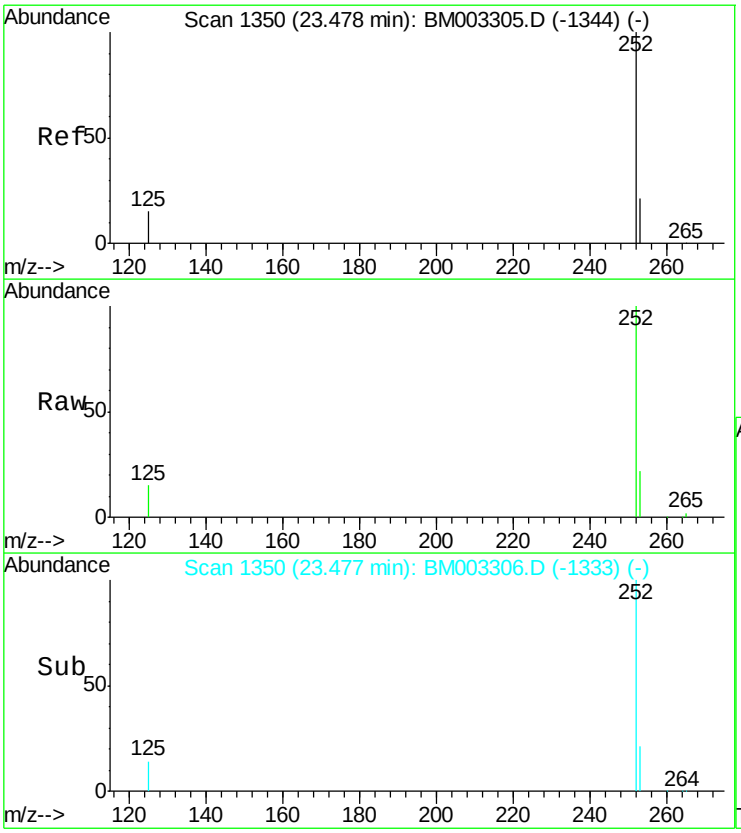
#37
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 22.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 93636

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.6	10.7	16.1

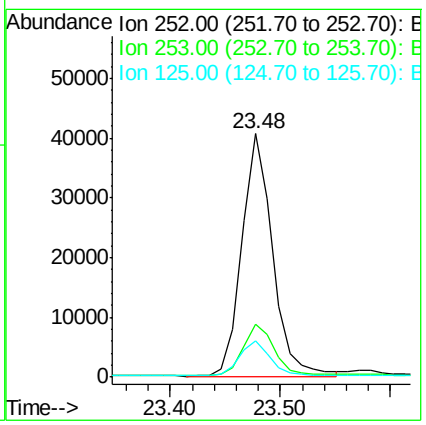


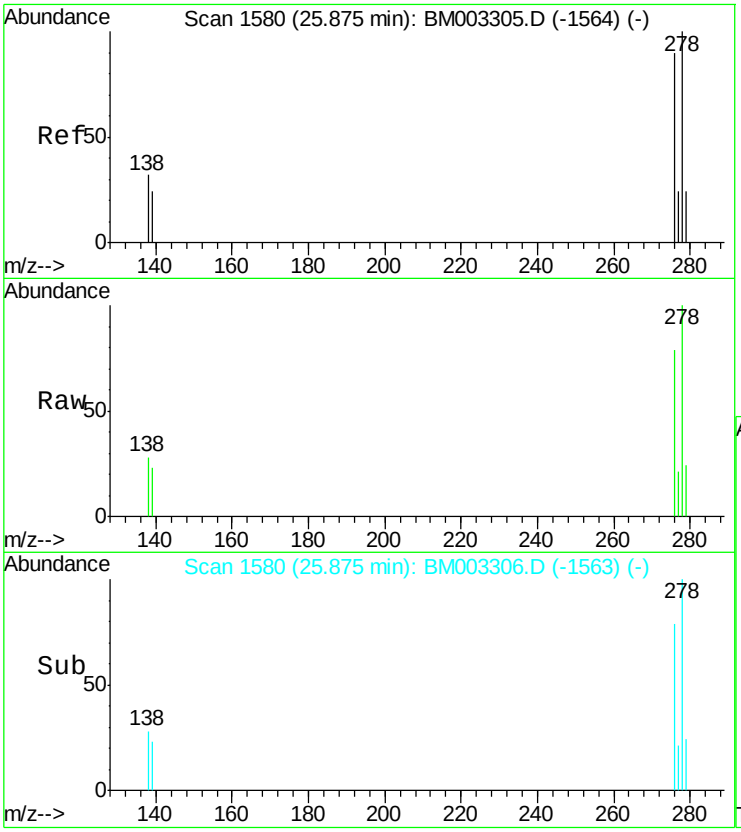


#38
Benzo(a)pyrene
Concen: 2.17 ng
RT: 23.48 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:252 Resp: 78385

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.7	28.1
125	15.0	11.6	17.4



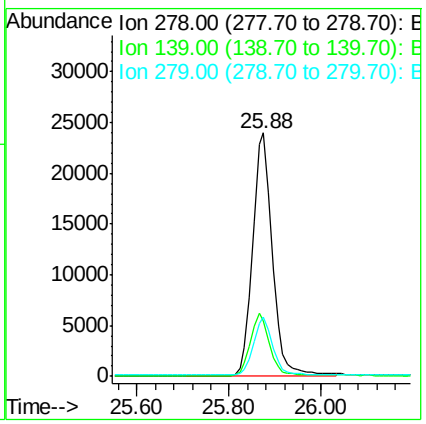


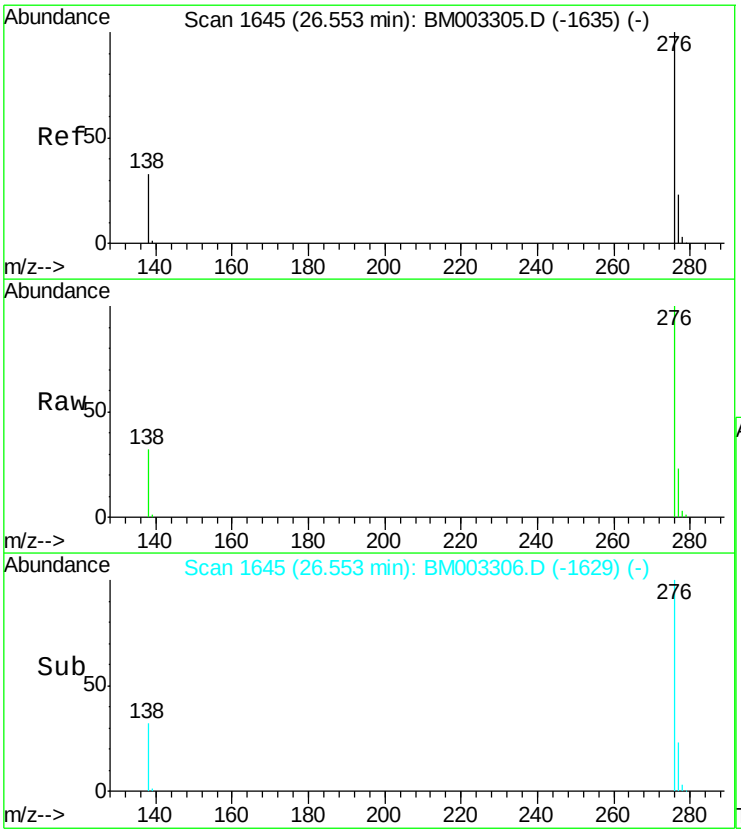
#39
Dibenzo(a,h)anthracene
Concen: 2.35 ng
RT: 25.88 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:278 Resp: 71113

Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.2	27.4
279	24.1	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 26.55 min Scan# 1645
Delta R.T. -0.03 min
Lab File: BM003306.D
Acq: 27 Nov 2015 14:20

Tgt Ion:276 Resp: 79102

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	32.2	22.3	33.5