Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003354.D
Acq On : 02 Dec 2015 13:05
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Dec 02 13:43:01 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

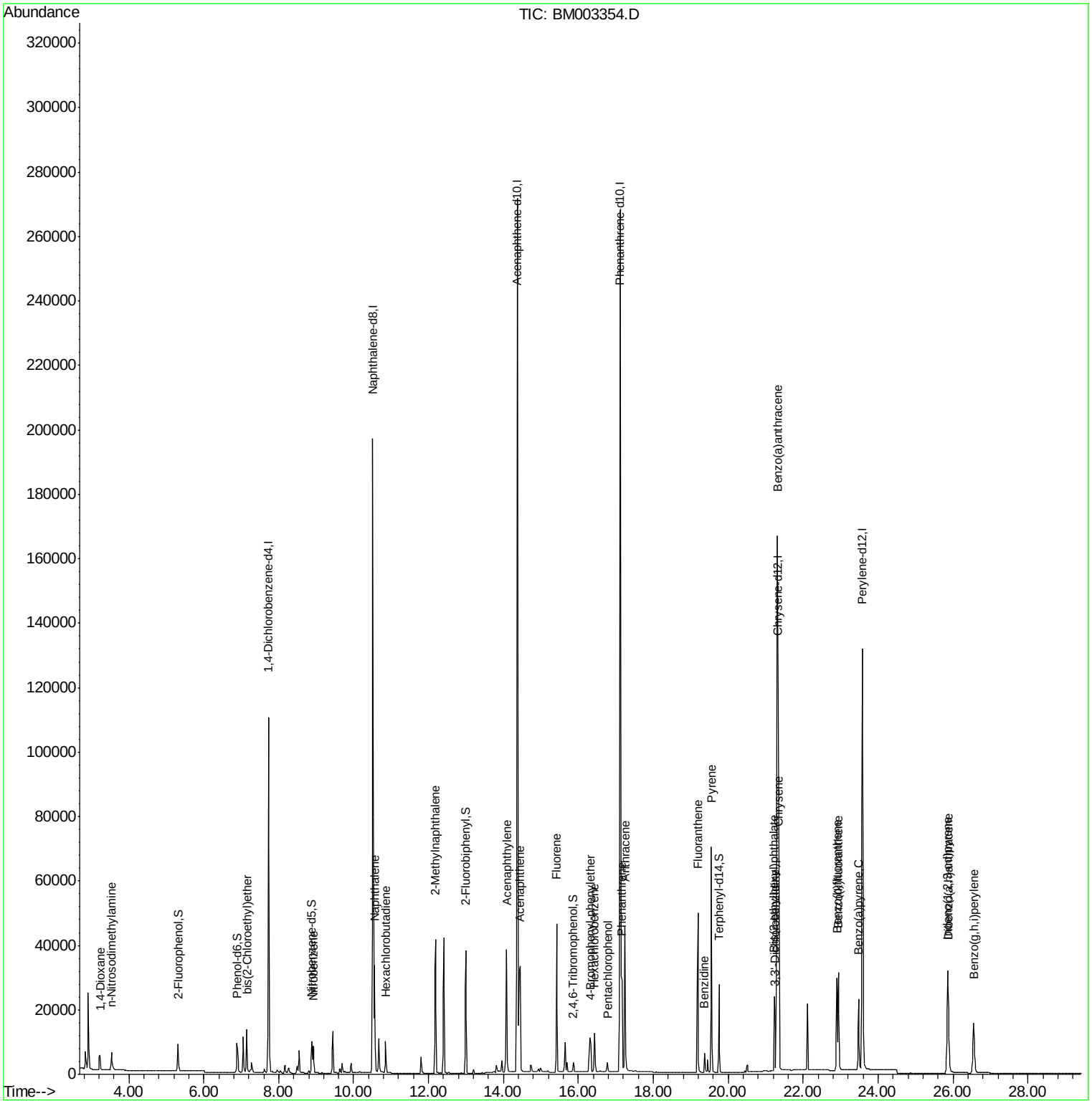
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	62865	5.00	ng		-0.02
7) Naphthalene-d8	10.51	136	271225	5.00	ng		-0.02
13) Acenaphthene-d10	14.37	164	160010	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	387298	5.00	ng		0.00
26) Chrysene-d12	21.33	240	217984	5.00	ng		0.01
35) Perylene-d12	23.58	264	171248	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	9464	0.76	ng		0.00
5) Phenol-d6	6.88	99	11518	0.81	ng		-0.02
8) Nitrobenzene-d5	8.88	82	9206	0.76	ng		-0.01
14) 2,4,6-Tribromophenol	15.86	330	2426	0.84	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	36221	0.70	ng		0.00
29) Terphenyl-d14	19.76	244	30099	0.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	4447	0.73	ng		99
3) n-Nitrosodimethylamine	3.54	42	4437	0.76	ng		98
6) bis(2-Chloroethyl)ether	7.16	93	11652	0.80	ng		100
9) Nitrobenzene	8.92	77	9946	0.75	ng		99
10) Naphthalene	10.56	128	45366	0.77	ng		98
11) Hexachlorobutadiene	10.85	225	7363	0.83	ng		98
12) 2-Methylnaphthalene	12.18	142	30959	0.84	ng		94
16) Acenaphthylene	14.08	152	46048	0.79	ng		100
17) Acenaphthene	14.44	154	30756	0.68	ng	#	100
18) Fluorene	15.42	166	36132	0.79	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	8016	0.61	ng	#	36
21) Hexachlorobenzene	16.42	284	9698	0.71	ng	#	60
22) Pentachlorophenol	16.78	266	2572	0.50	ng	#	83
23) Phenanthrene	17.16	178	55509	0.63	ng	#	73
24) Anthracene	17.24	178	58405	0.81	ng		97
25) Fluoranthene	19.19	202	59040	0.70	ng		99
27) Benzidine	19.36	184	11600	1.16	ng	#	94
28) Pyrene	19.55	202	67265	1.01	ng		99
30) Benzo(a)anthracene	21.31	228	44601	0.81	ng		98
31) 3,3'-Dichlorobenzidine	21.25	252	10327	0.88	ng		98
32) Chrysene	21.35	228	54355	0.82	ng		98
33) Bis(2-ethylhexyl)phthalate	21.23	149	22043	0.98	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.85	276	36575	0.72	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	41262	0.84	ng		99
37) Benzo(k)fluoranthene	22.94	252	35821	0.81	ng		99
38) Benzo(a)pyrene	23.47	252	32314	0.82	ng		97
39) Dibenzo(a,h)anthracene	25.87	278	29387	0.87	ng		98
40) Benzo(g,h,i)perylene	26.55	276	31071	0.76	ng		94

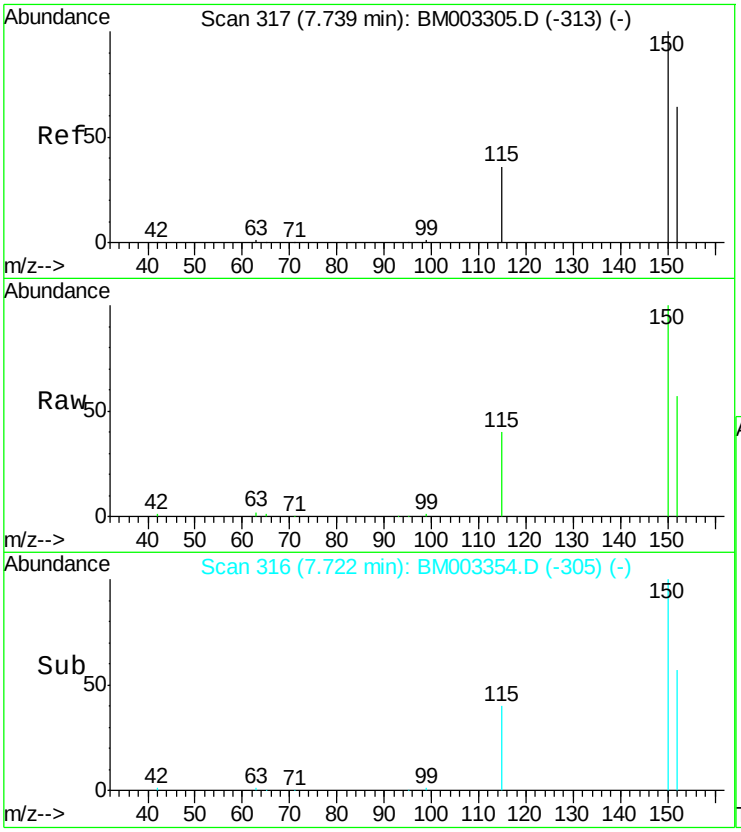
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003354.D
Acq On : 02 Dec 2015 13:05
Operator : UM/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 02 13:43:01 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



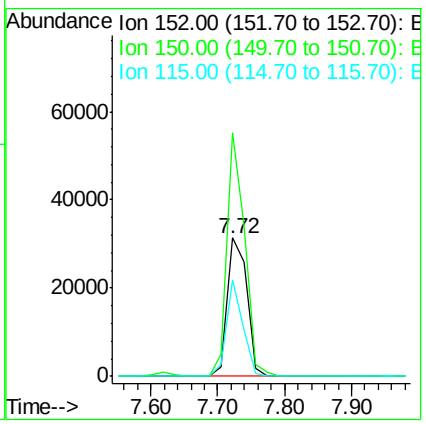


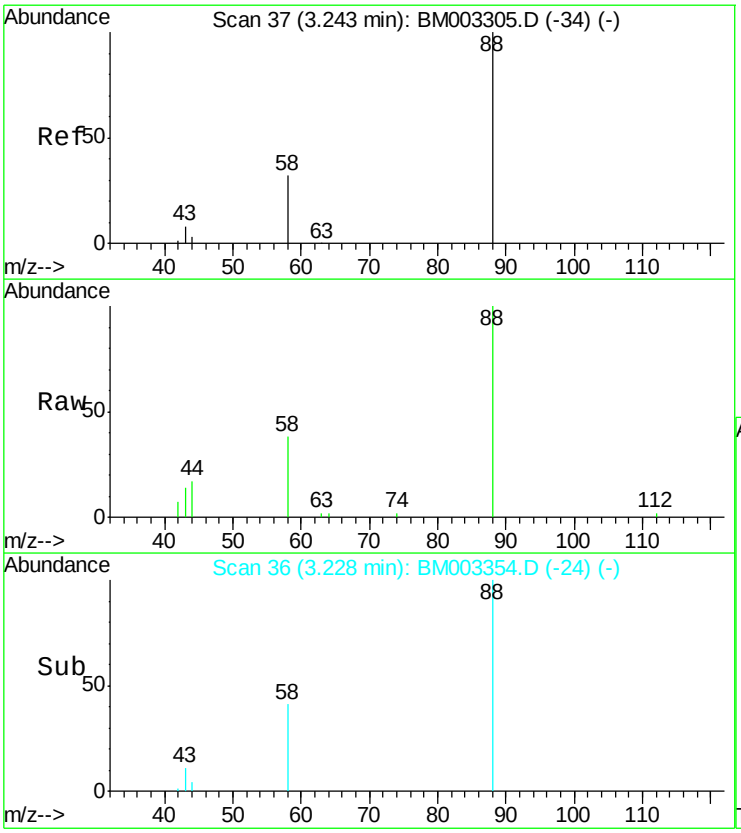
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 62865

Ion	Ratio	Lower	Upper
152	100		
150	176.0	143.6	215.4
115	70.0	58.5	87.7

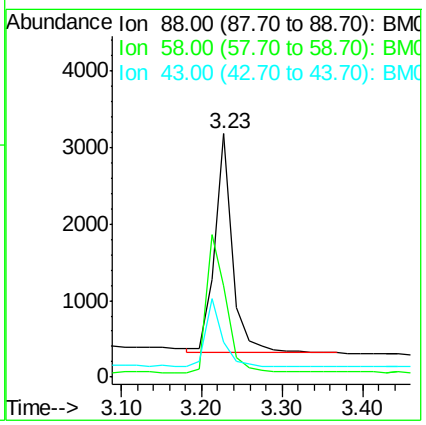


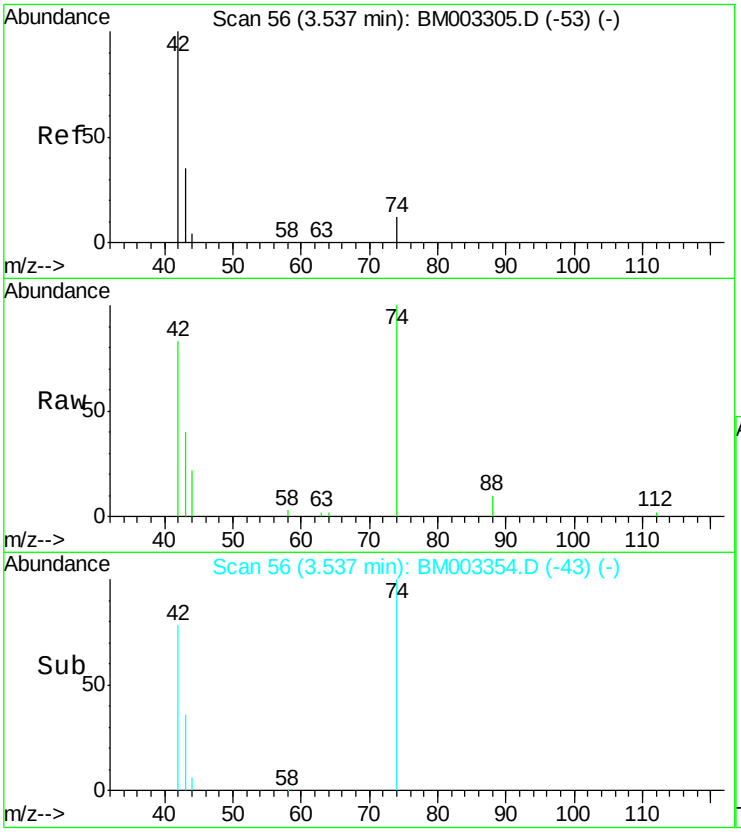


#2
1,4-Dioxane
Concen: 0.73 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion: 88 Resp: 4447

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.2	82.8
43	29.3	21.8	32.6



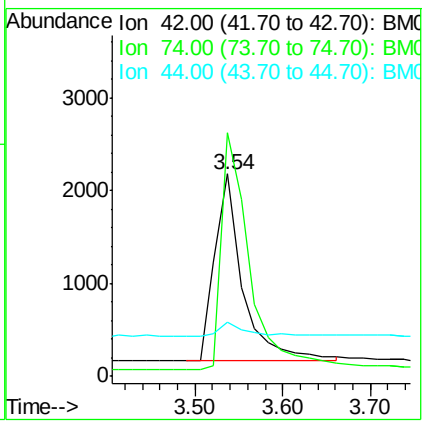


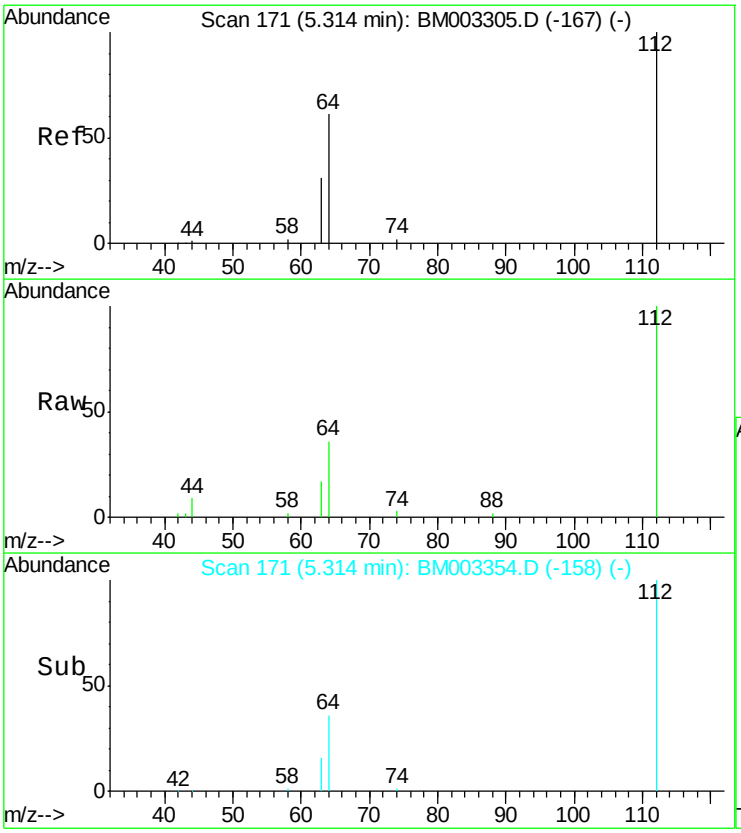
#3
n-Nitrosodimethylamine
Concen: 0.76 ng
RT: 3.54 min Scan# 56
Delta R.T. 0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4437

Ion	Ratio	Lower	Upper
42	100		
74	128.2	101.0	151.4
44	6.3	6.3	9.5

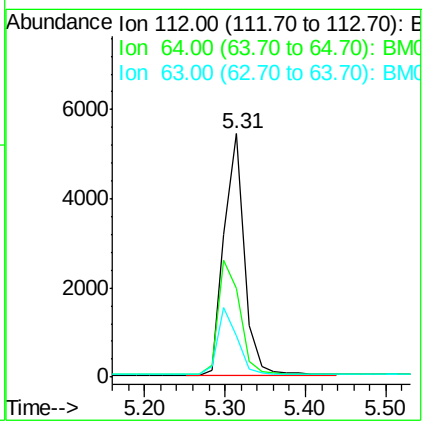


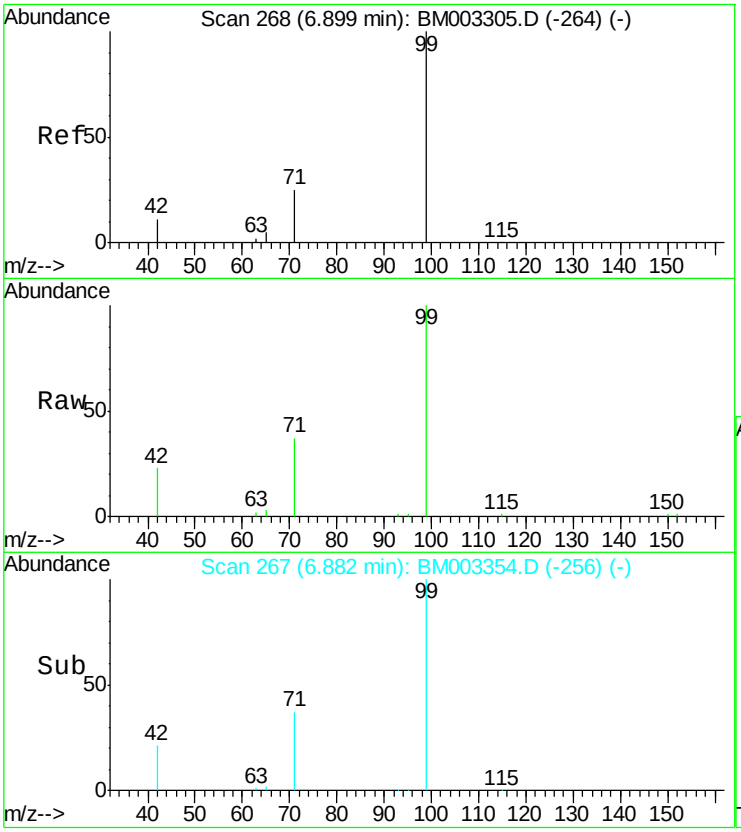


#4
2-Fluorophenol
Concen: 0.76 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:112 Resp: 9464

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.2	61.8
63	27.0	21.2	31.8



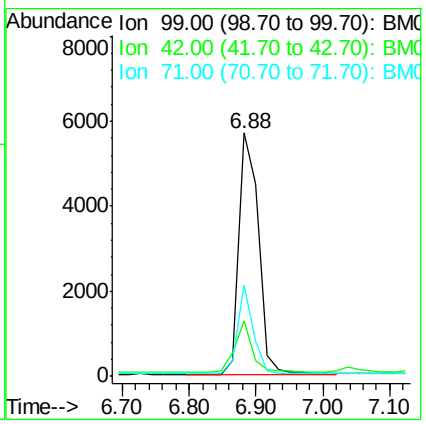


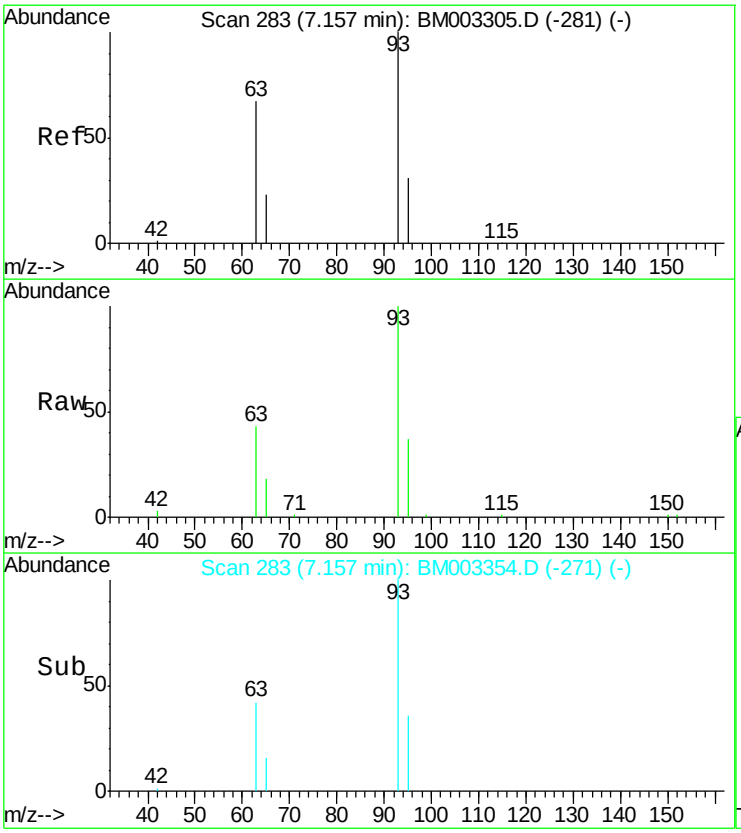
#5
Phenol-d6
Concen: 0.81 ng
RT: 6.88 min Scan# 267
Delta R.T. -0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 11518

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	29.5	23.3	34.9

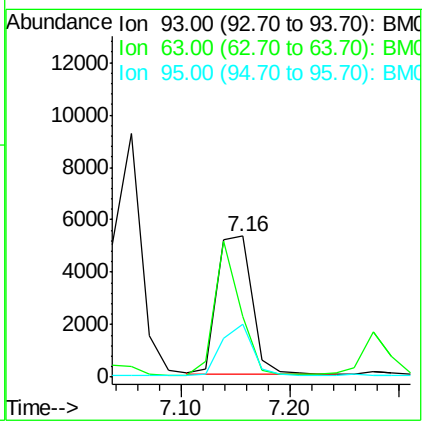


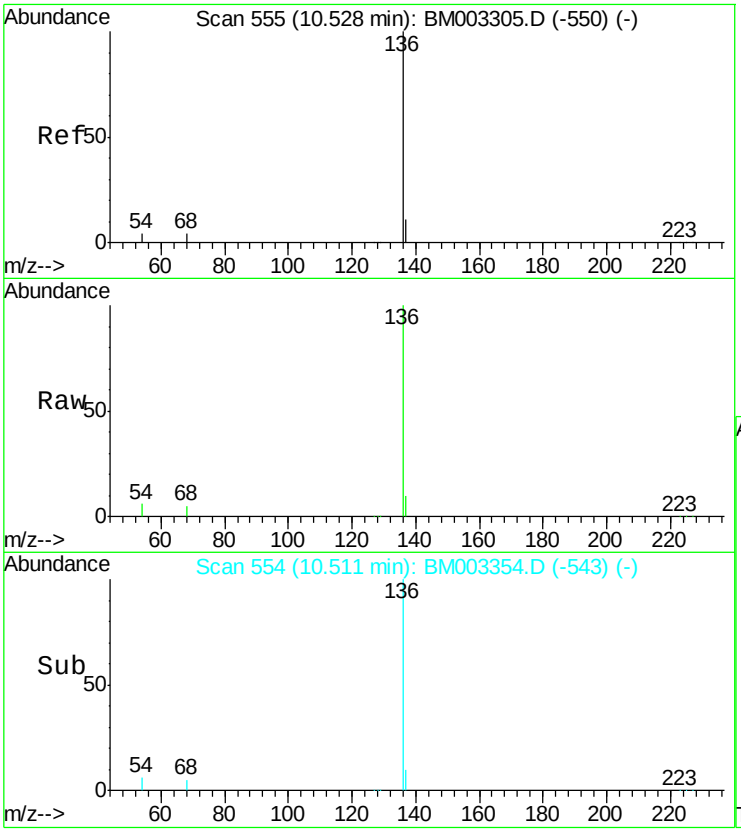


#6
bis(2-Chloroethyl)ether
Concen: 0.80 ng
RT: 7.16 min Scan# 283
Delta R.T. 0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion: 93 Resp: 11652

Ion	Ratio	Lower	Upper
93	100		
63	72.6	58.2	87.4
95	32.6	26.2	39.4



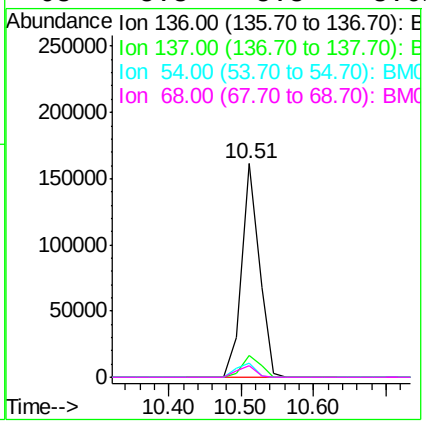


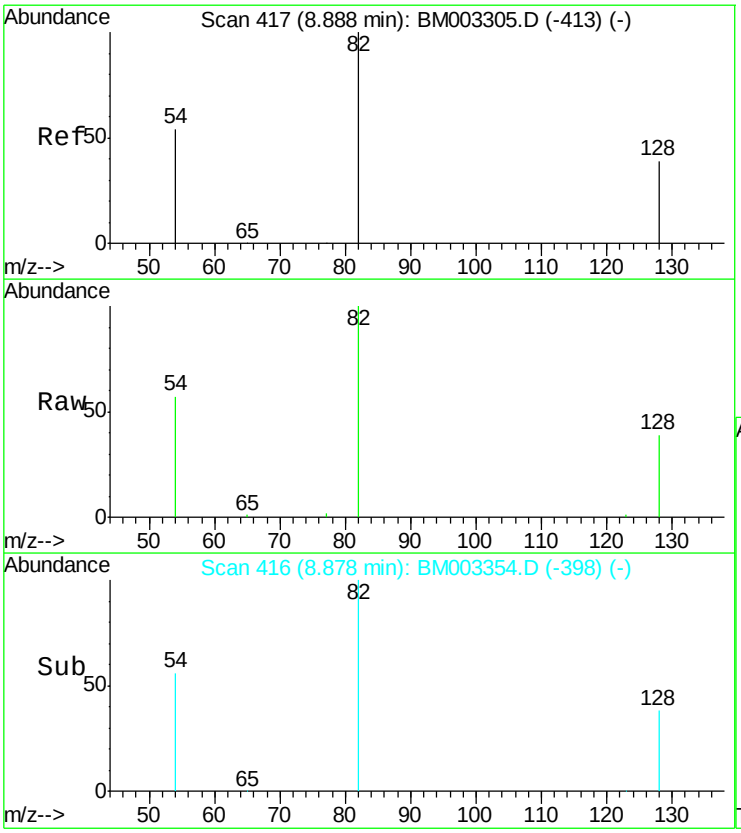
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 271225

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.3	7.4	11.0#
68	5.3	5.8	8.6#

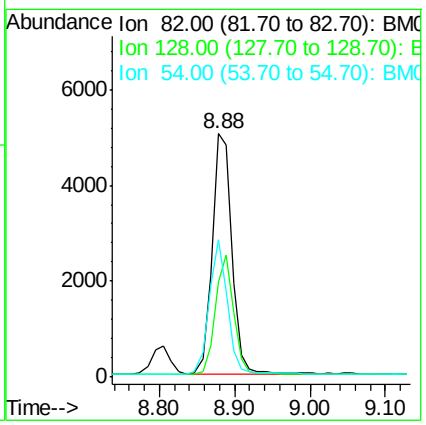


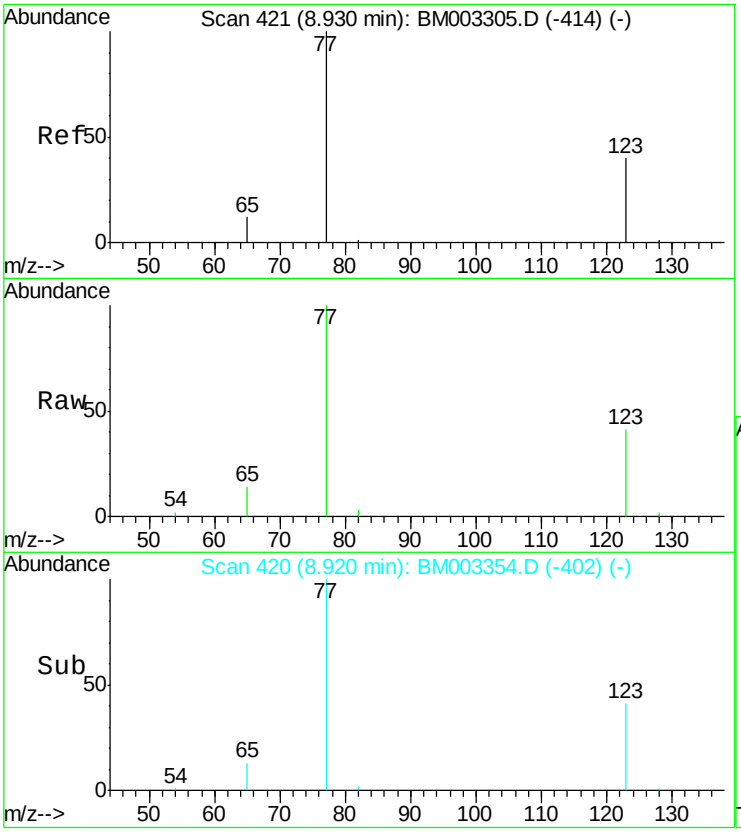


#8
Nitrobenzene-d5
Concen: 0.76 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion: 82 Resp: 9206

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.2	52.8
54	56.5	36.4	54.6#



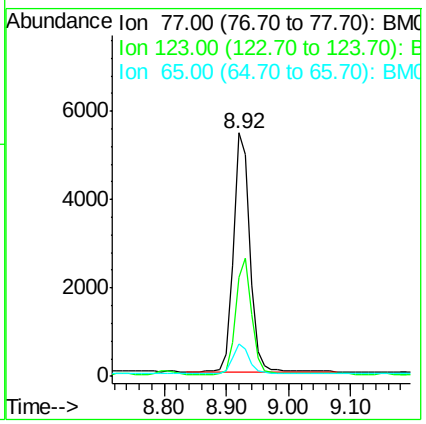


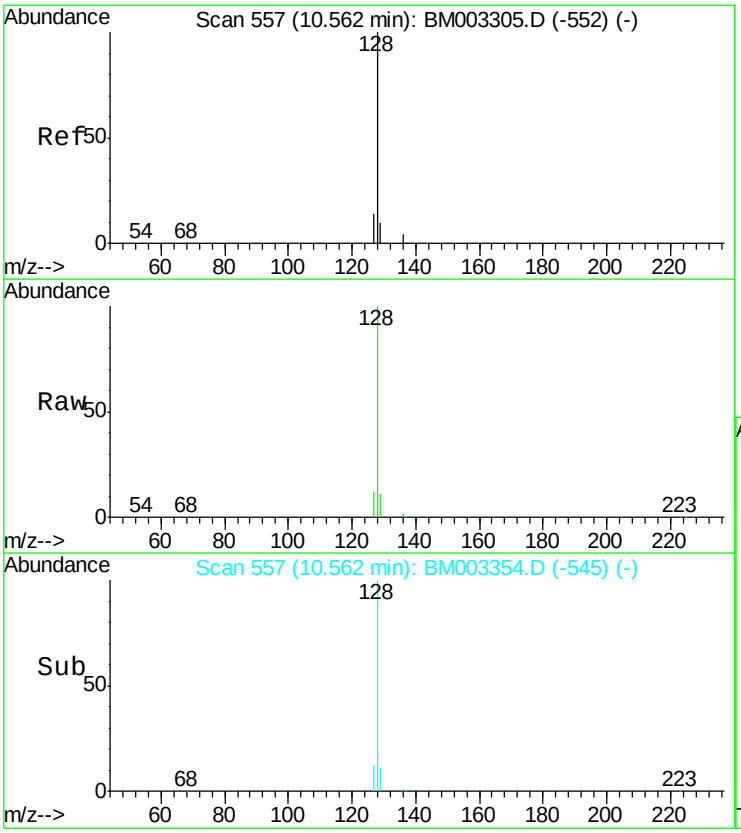
#9
Nitrobenzene
Concen: 0.75 ng
RT: 8.92 min Scan# 420
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion: 77 Resp: 9946

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

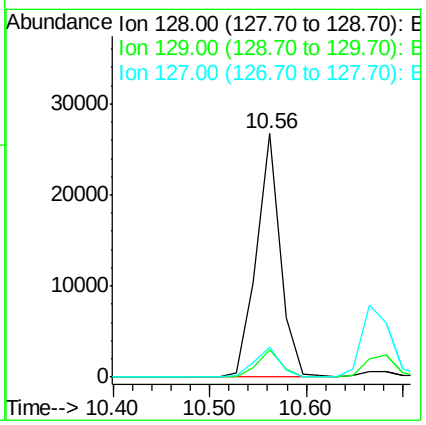


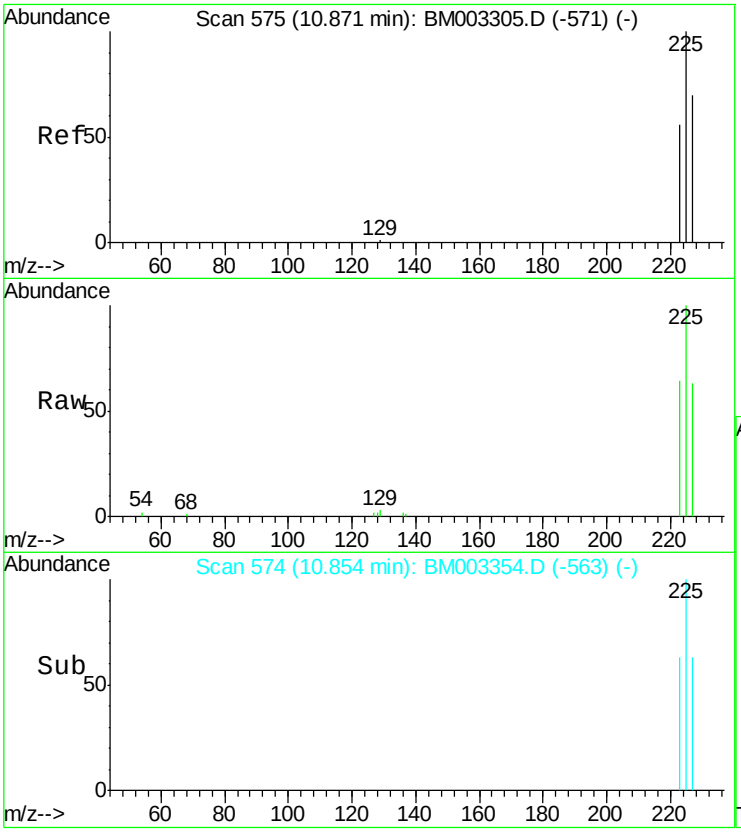


#10
Naphthalene
Concen: 0.77 ng
RT: 10.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:128 Resp: 45366

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	12.4	10.6	16.0



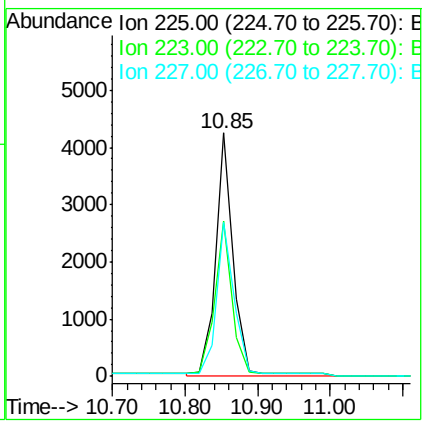


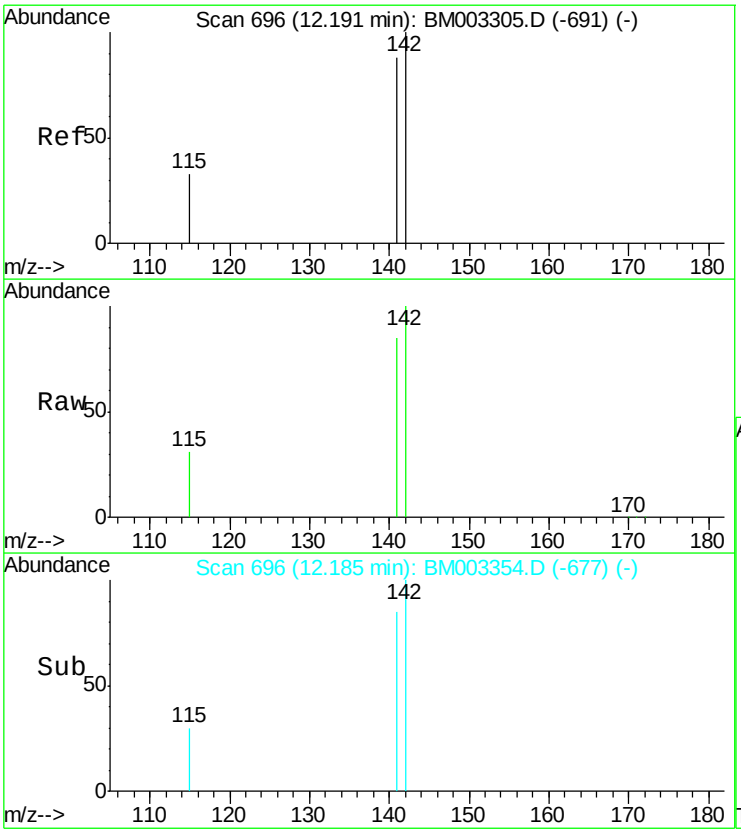
#11
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:225 Resp: 7363

Ion	Ratio	Lower	Upper
225	100		
223	67.4	53.0	79.4
227	66.6	52.2	78.4

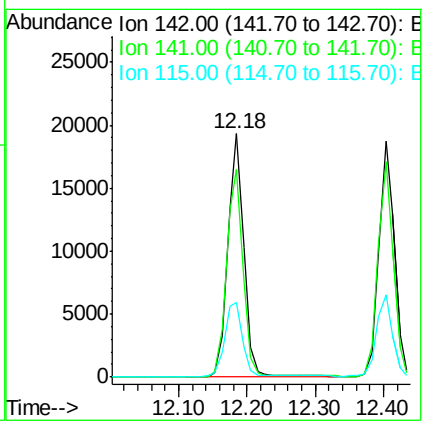


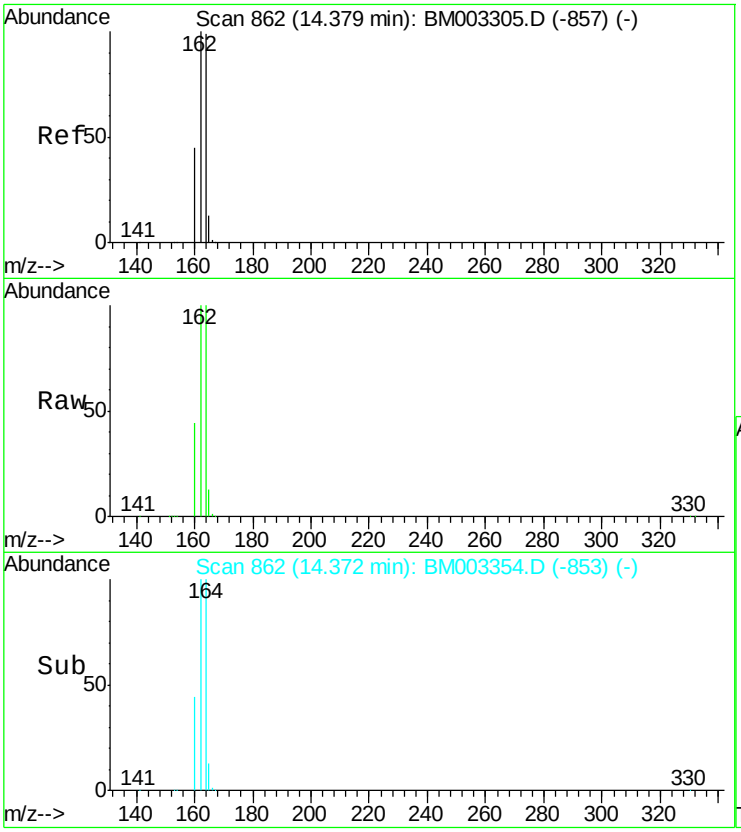


#12
2-Methylnaphthalene
Concen: 0.84 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:142 Resp: 30959

Ion	Ratio	Lower	Upper
142	100		
141	85.2	72.2	108.2
115	30.7	28.0	42.0



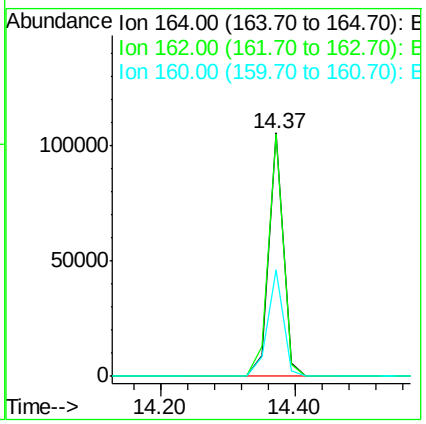


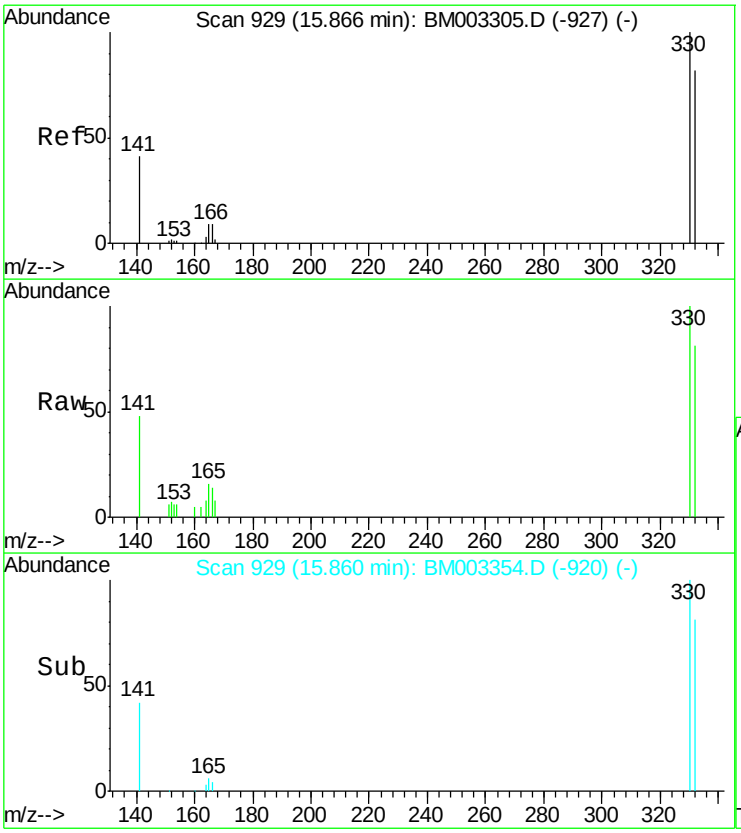
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 160010

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.3	117.5
160	43.6	33.8	50.6

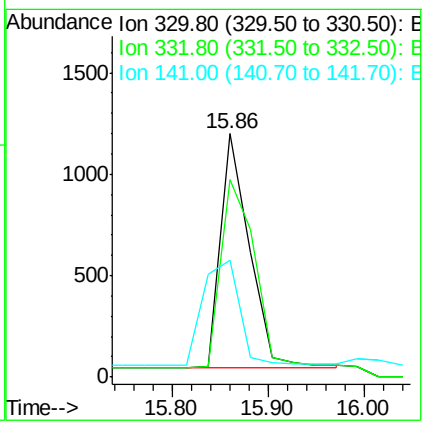


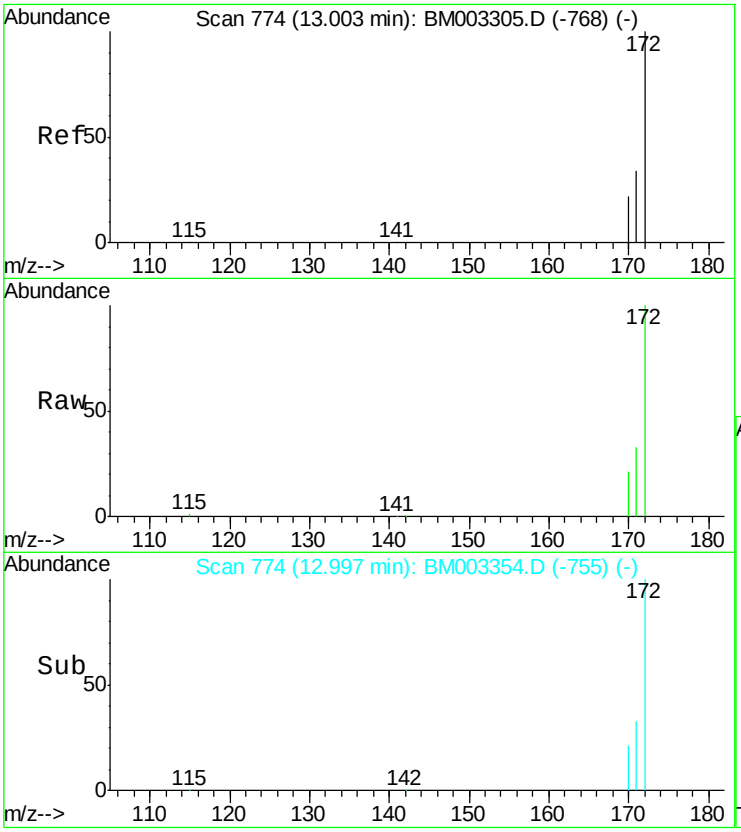


#14
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 15.86 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:330 Resp: 2426

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.0	114.0
141	55.6	0.0	0.0#



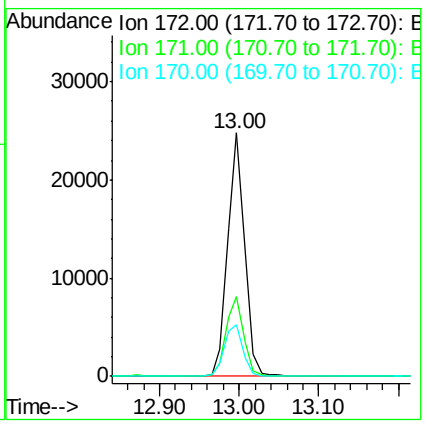


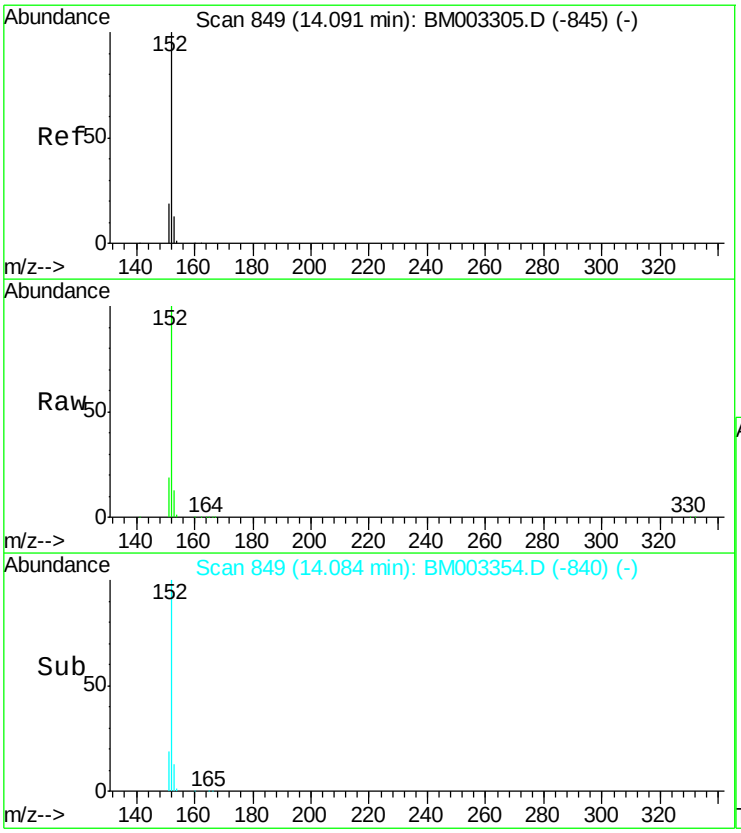
#15
2-Fluorobiphenyl
Concen: 0.70 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 36221

Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.0	42.0
170	21.2	18.9	28.3

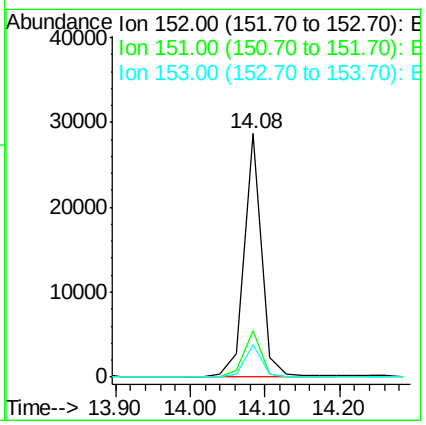


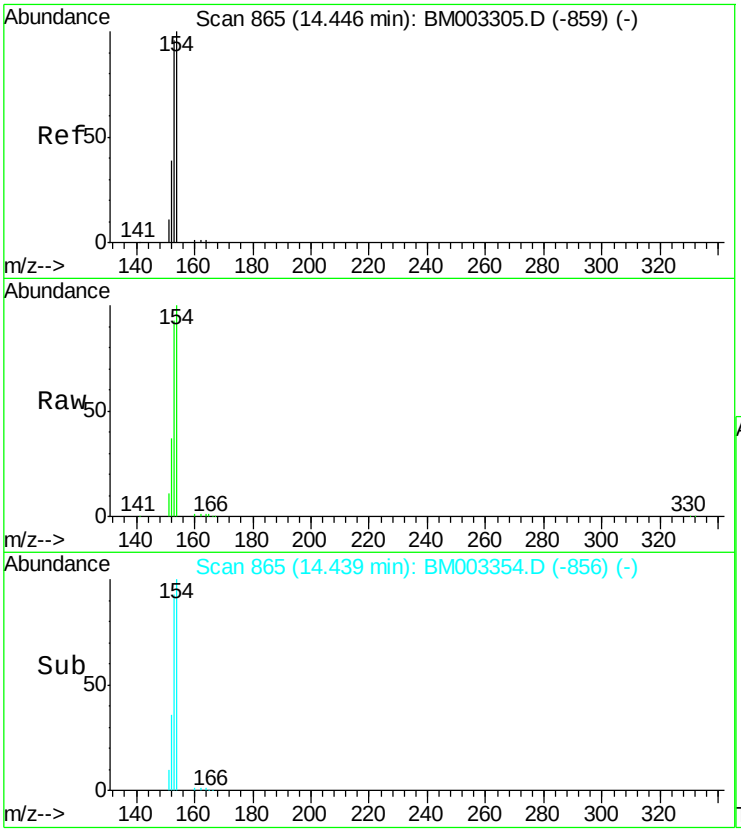


#16
Acenaphthylene
Concen: 0.79 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:152 Resp: 46048

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	12.9	10.4	15.6



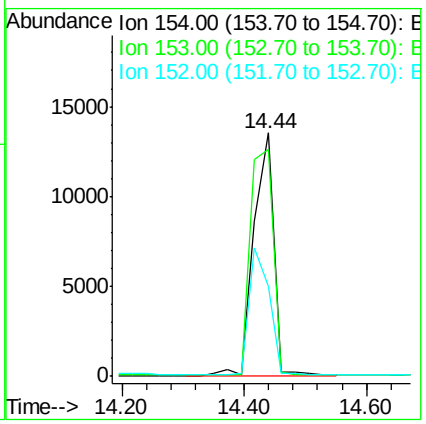


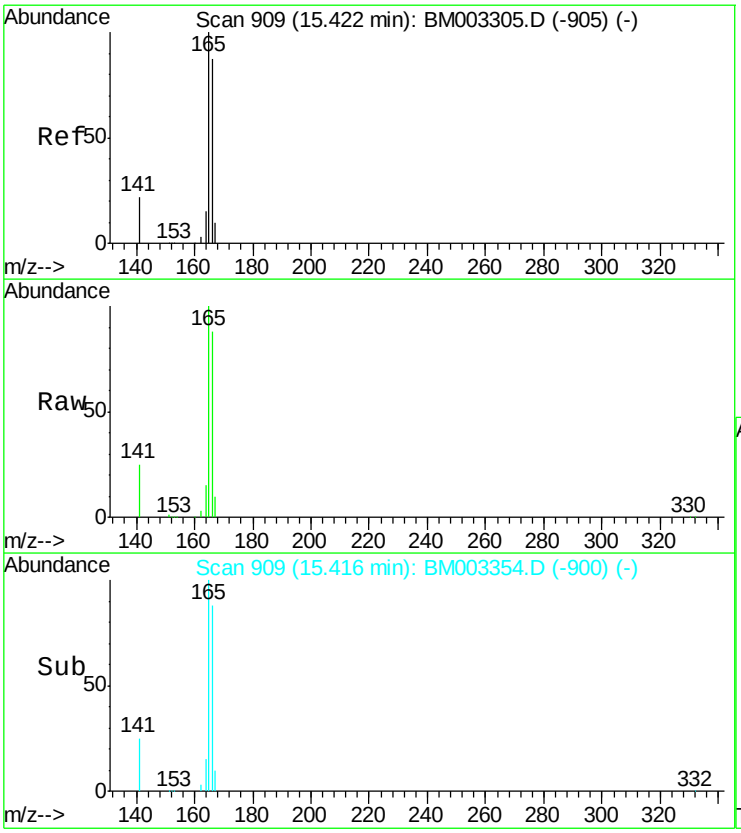
#17
Acenaphthene
Concen: 0.68 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 30756

Ion	Ratio	Lower	Upper
154	100		
153	107.8	0.0	0.0#
152	0.0	0.0	0.0

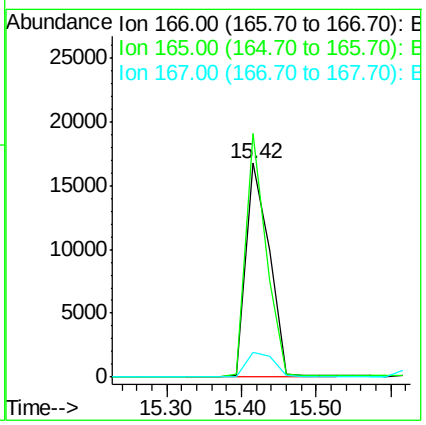


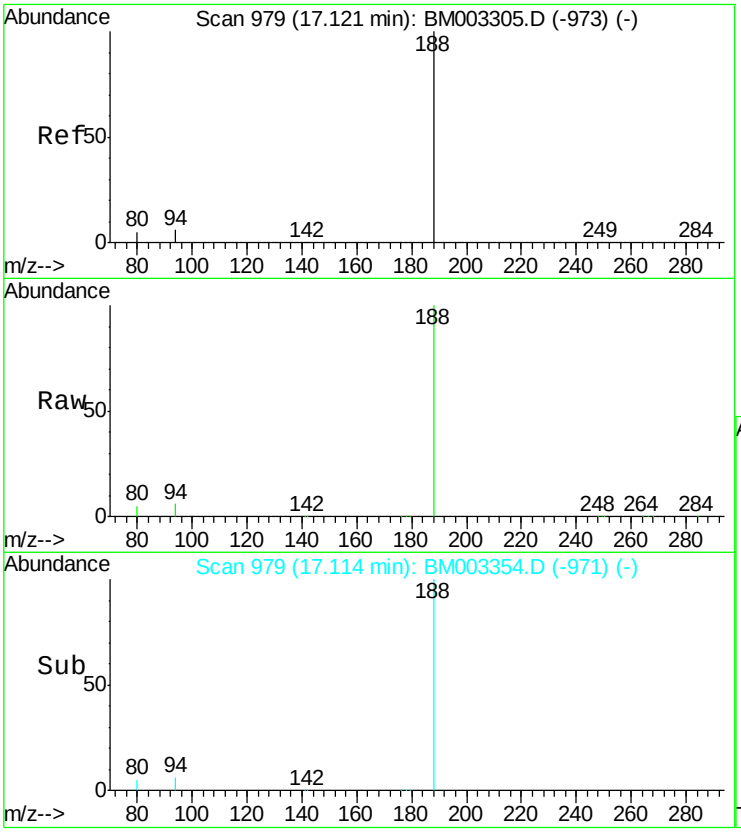


#18
Fluorene
Concen: 0.79 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:166 Resp: 36132

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.8	121.2
167	13.2	10.5	15.7



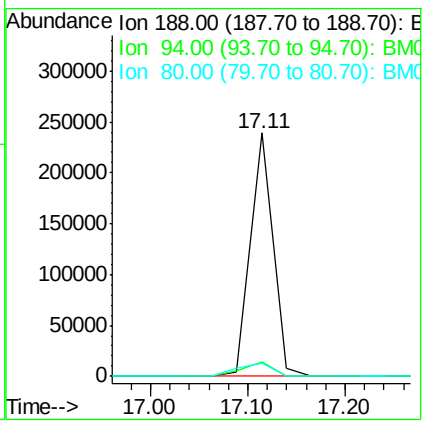


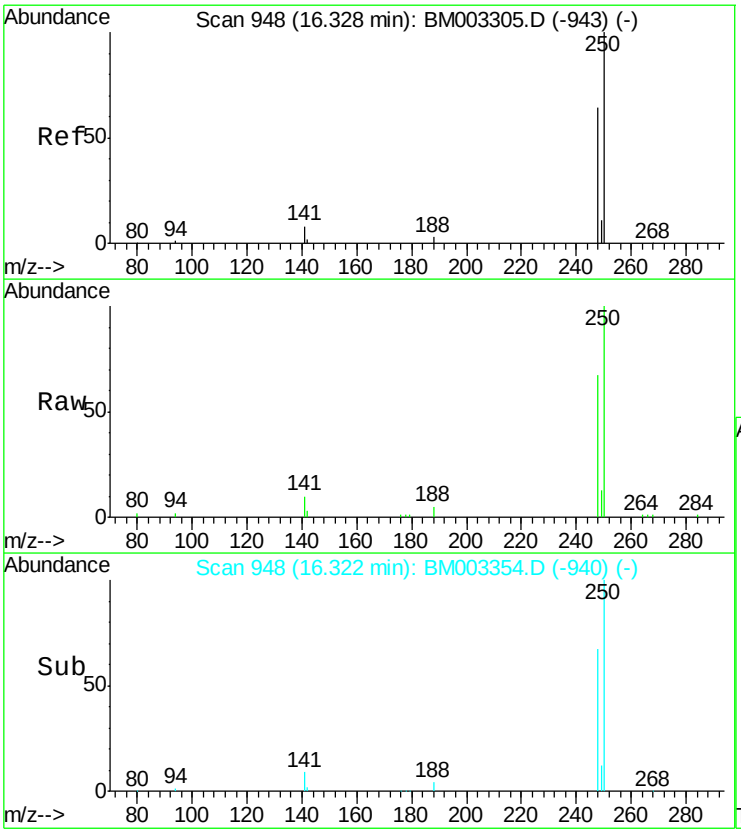
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 387298

Ion	Ratio	Lower	Upper
188	100		
94	6.2	1.8	2.6#
80	5.3	1.4	2.0#

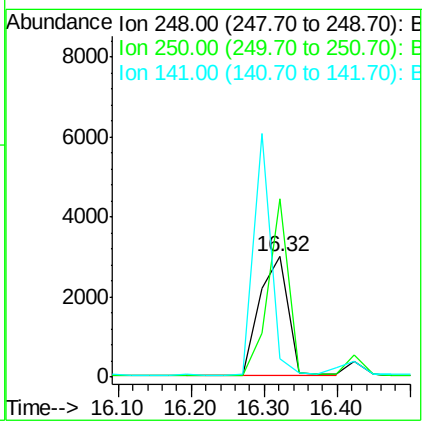


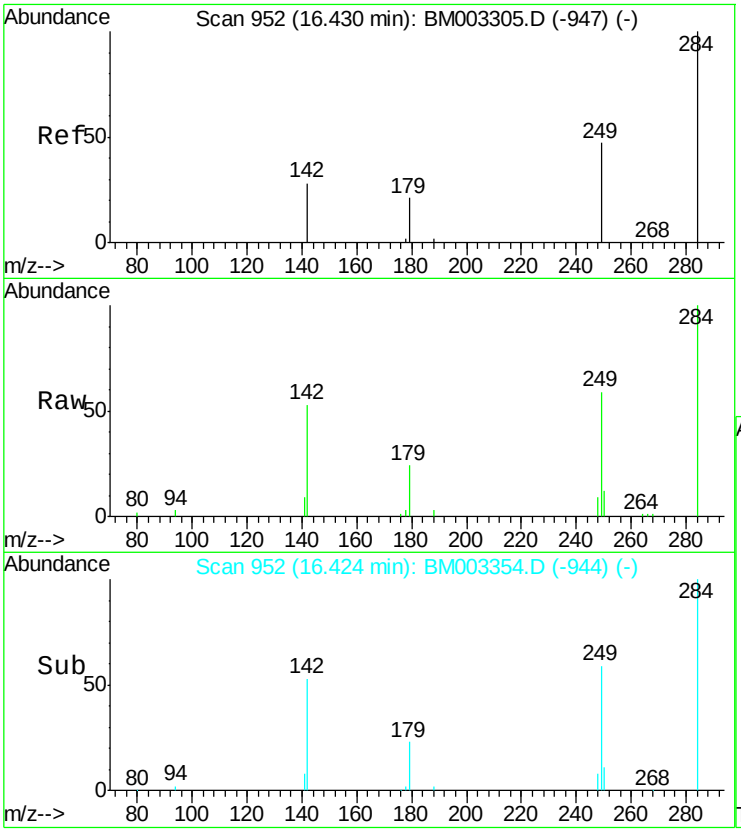


#20
4-Bromophenyl-phenylether
Concen: 0.61 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:248 Resp: 8016

Ion	Ratio	Lower	Upper
248	100		
250	106.8	65.4	98.0#
141	0.0	72.8	109.2#



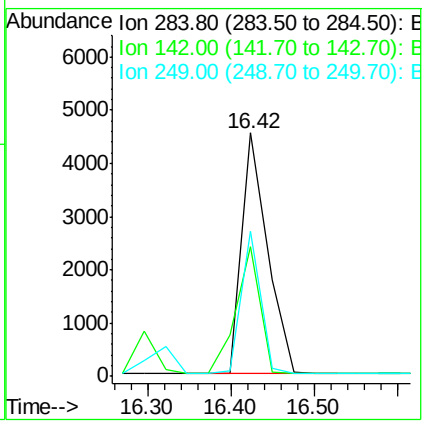


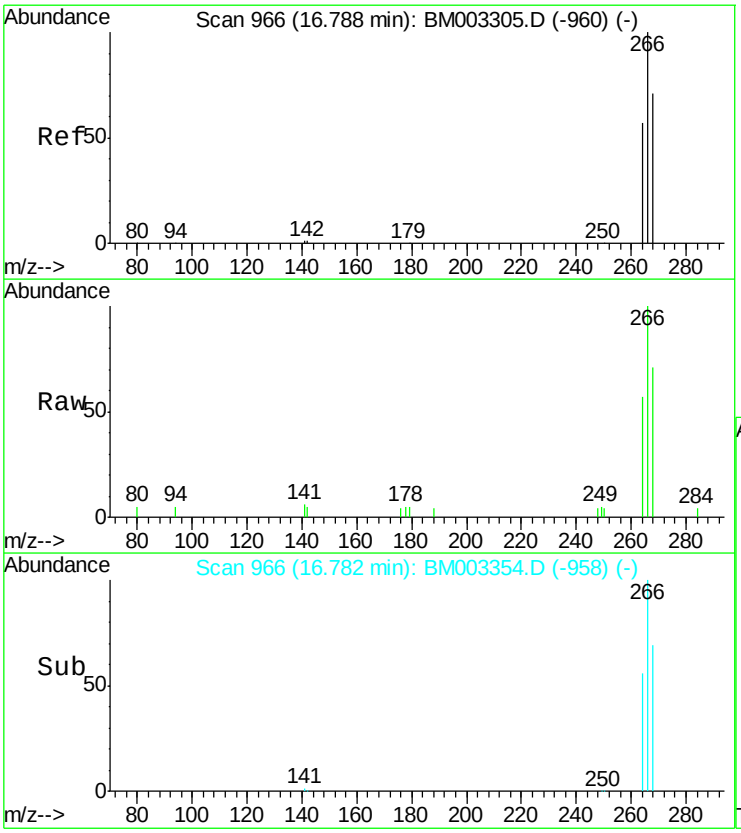
#21
Hexachlorobenzene
Concen: 0.71 ng
RT: 16.42 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 9698

Ion	Ratio	Lower	Upper
284	100		
142	49.6	0.0	0.0#
249	44.1	19.4	29.2#

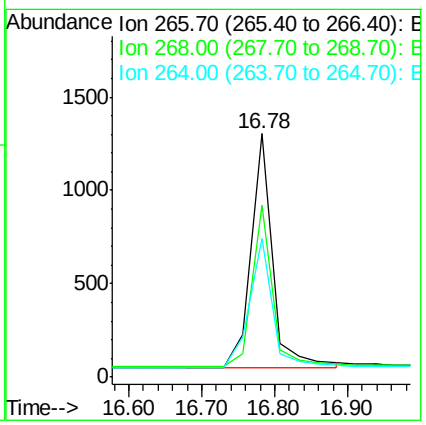


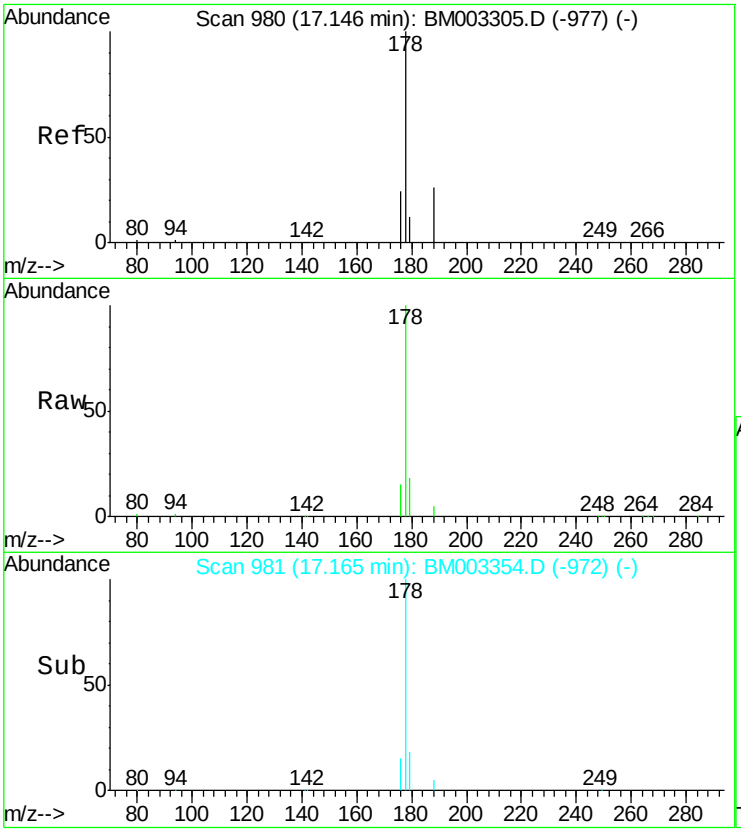


#22
Pentachlorophenol
Concen: 0.50 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:266 Resp: 2572

Ion	Ratio	Lower	Upper
266	100		
268	70.6	45.8	68.8#
264	57.2	56.7	85.1



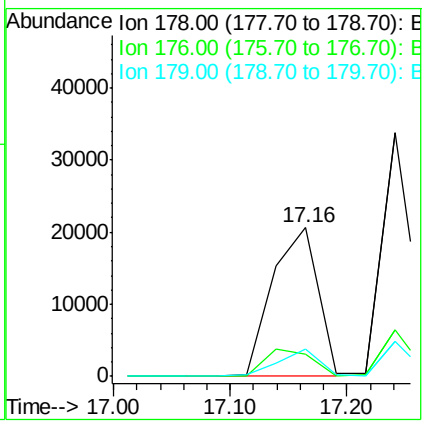


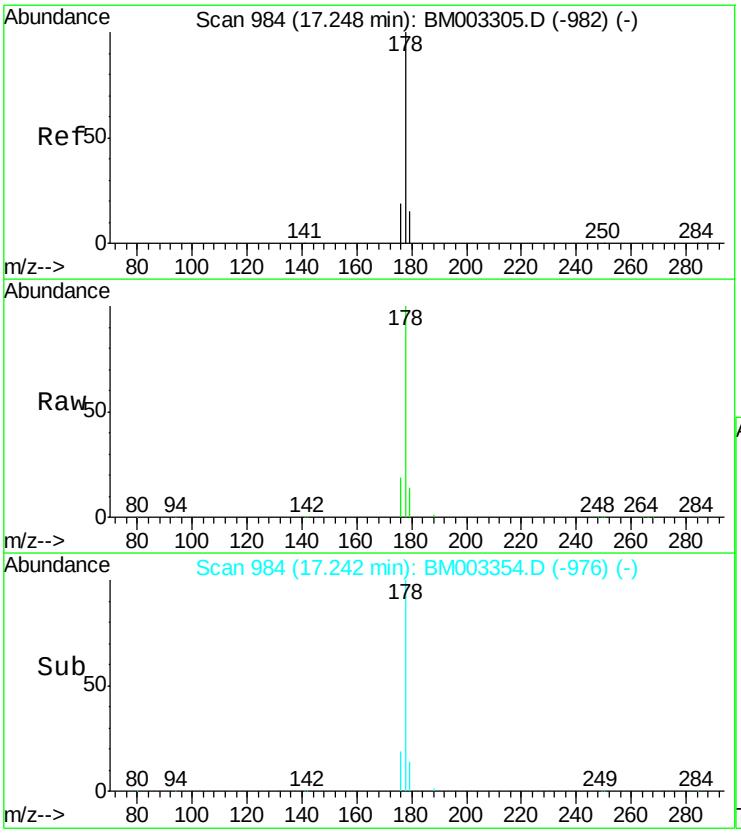
#23
Phenanthrene
Concen: 0.63 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 55509

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	16.1	11.7	17.5

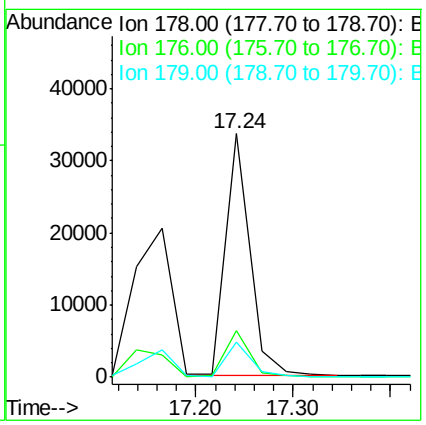


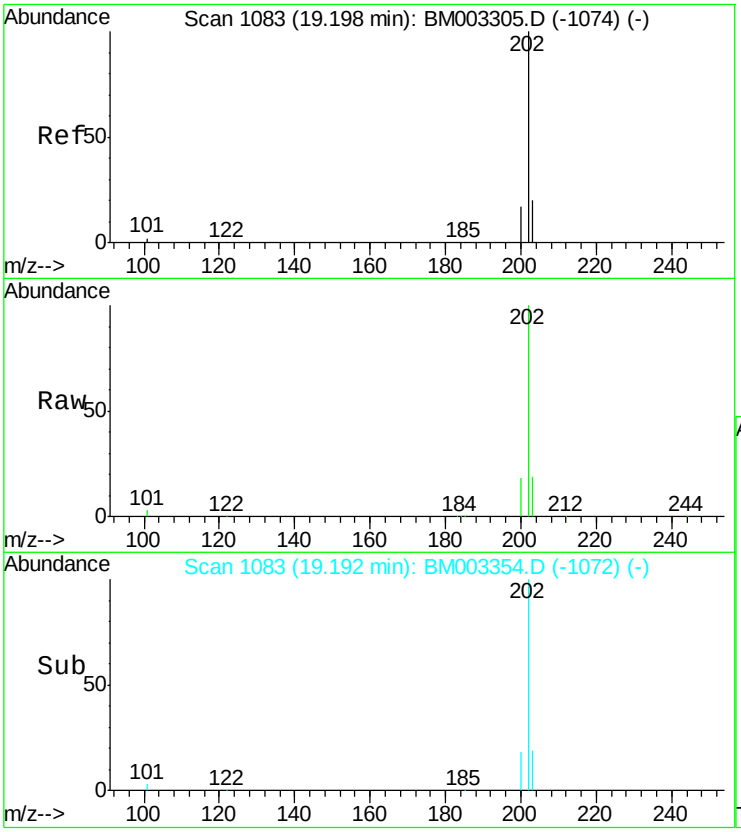


#24
Anthracene
Concen: 0.81 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:178 Resp: 58405

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	14.6	12.8	19.2



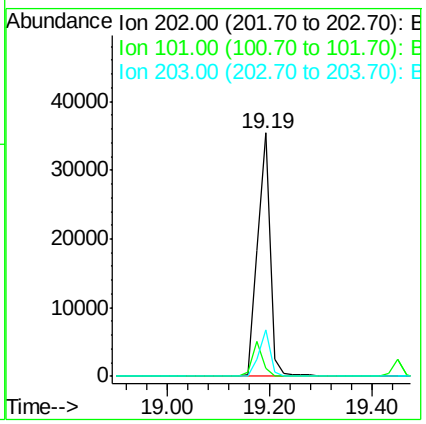


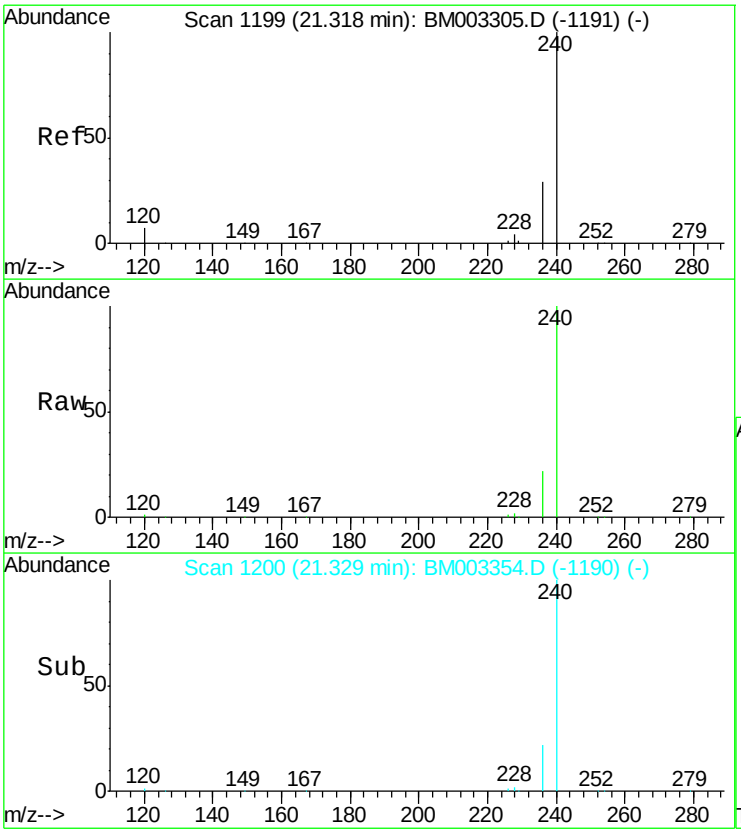
#25
Fluoranthene
Concen: 0.70 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 59040

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.9	14.9
203	17.3	13.9	20.9

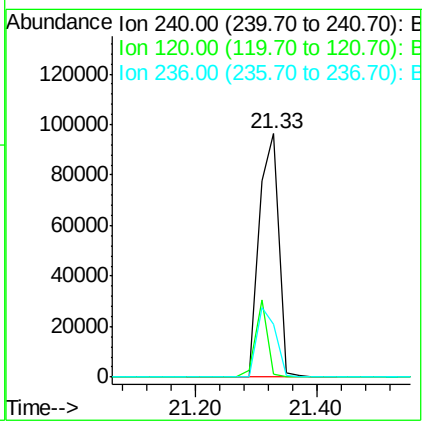


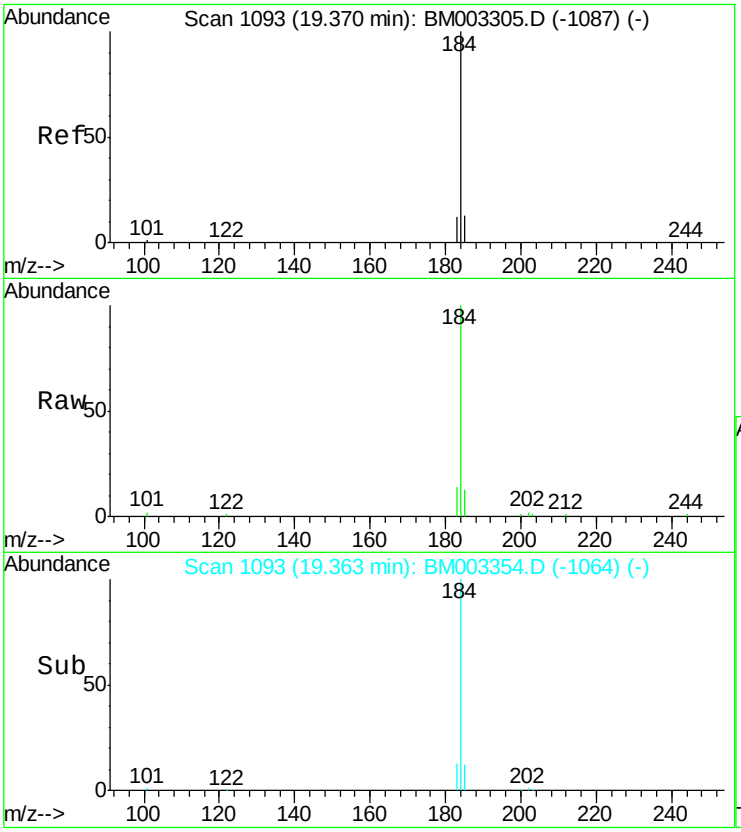


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:240 Resp: 217984

Ion	Ratio	Lower	Upper
240	100		
120	1.0	1.0	1.4
236	21.8	17.9	26.9



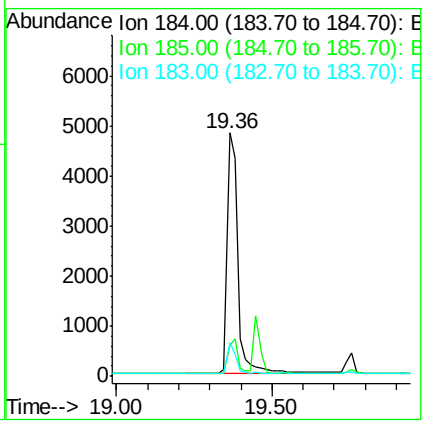


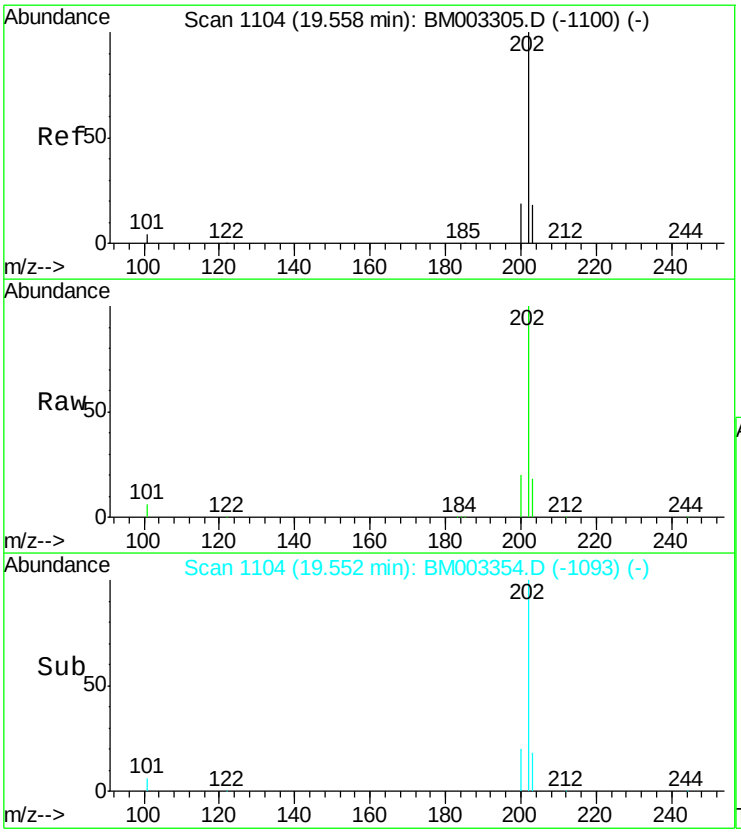
#27
Benzidine
Concen: 1.16 ng
RT: 19.36 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:184 Resp: 11600

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.6	17.4
183	13.9	8.6	13.0#

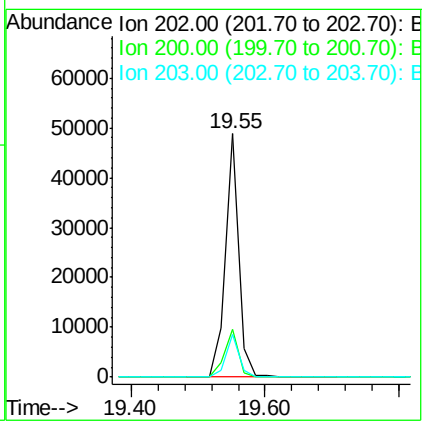


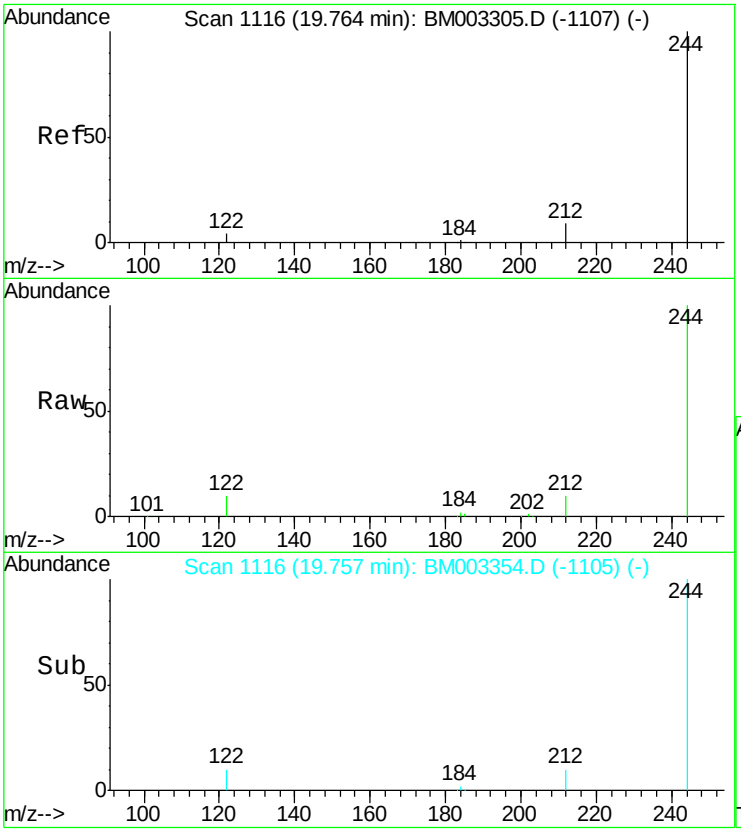


#28
Pyrene
Concen: 1.01 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:202 Resp: 67265

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



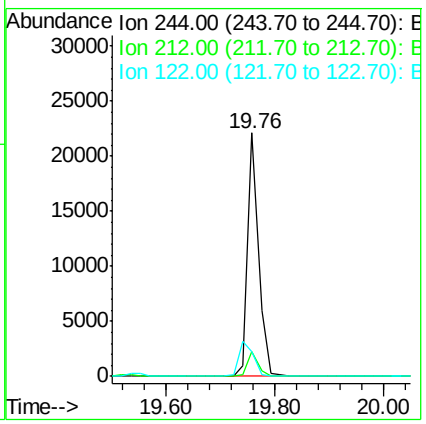


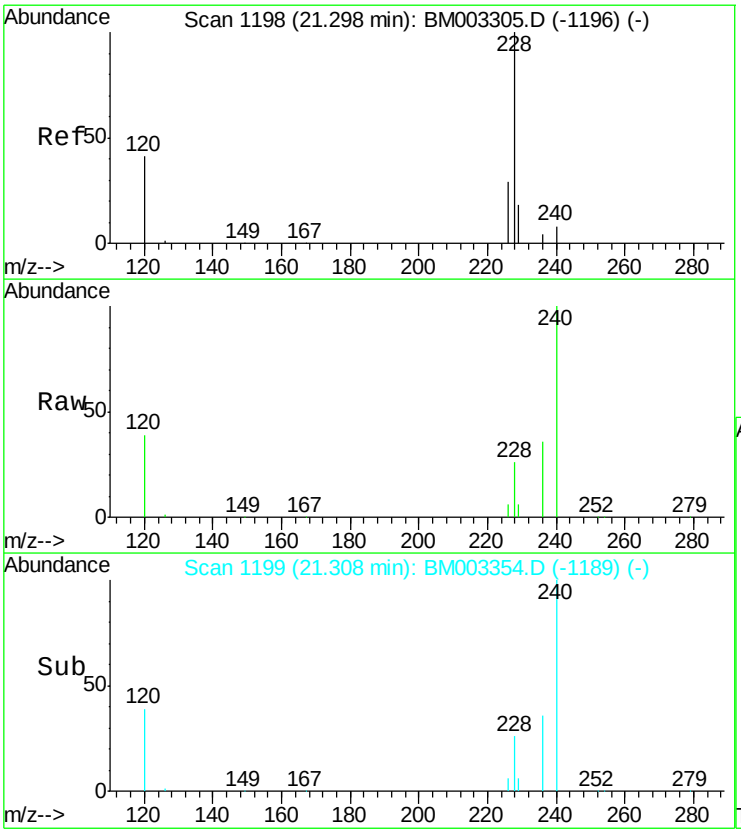
#29
Terphenyl-d14
Concen: 0.99 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 30099

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.5	9.7#
122	10.2	2.0	3.0#

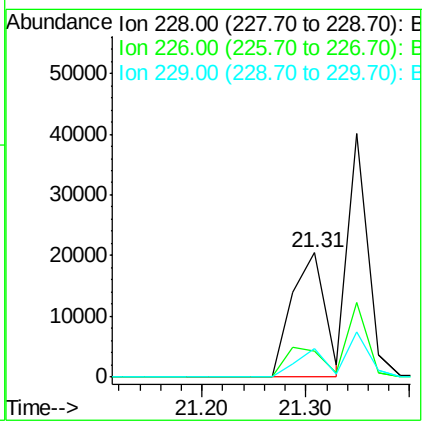


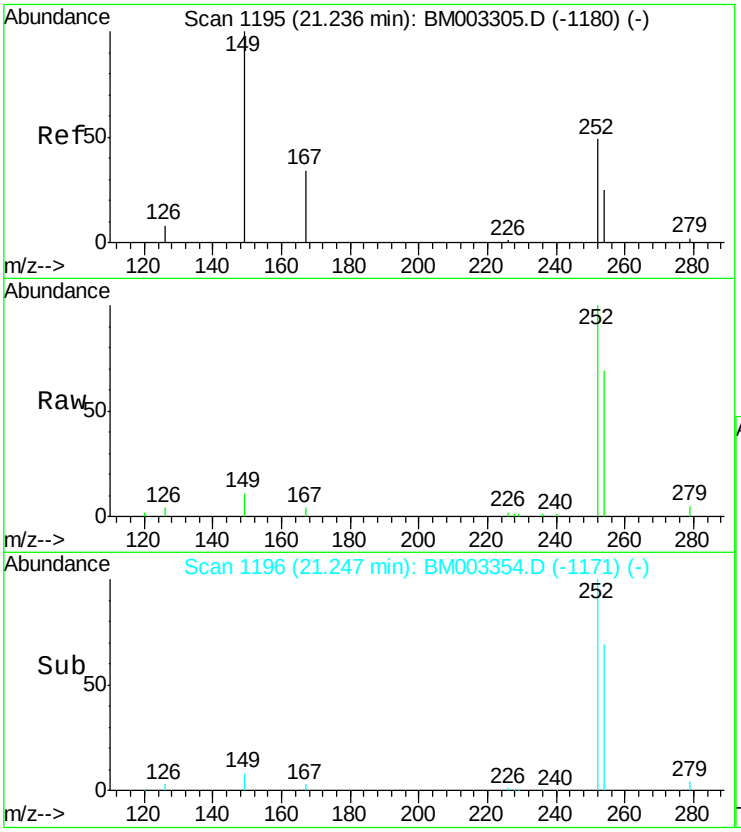


#30
Benzo(a)anthracene
Concen: 0.81 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:228 Resp: 44601

Ion	Ratio	Lower	Upper
228	100		
226	21.4	17.8	26.6
229	23.4	18.0	27.0



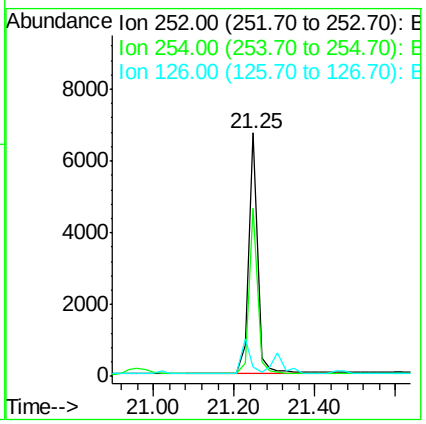


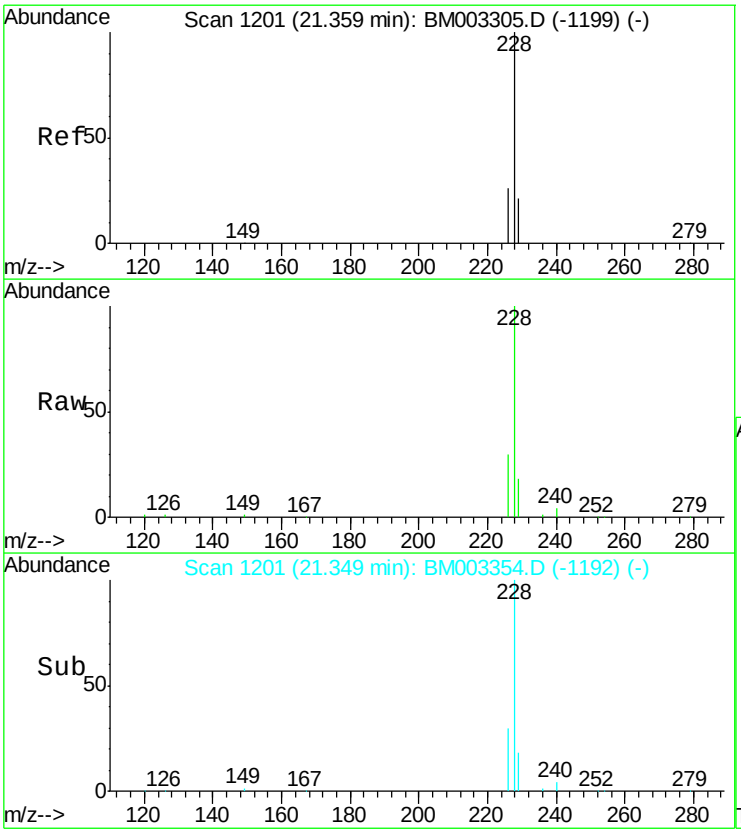
#31
3,3'-Dichlorobenzidine
Concen: 0.88 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 10327

Ion	Ratio	Lower	Upper
252	100		
254	69.0	53.7	80.5
126	3.6	2.8	4.2

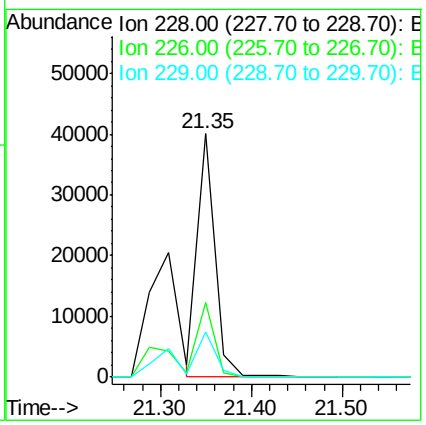


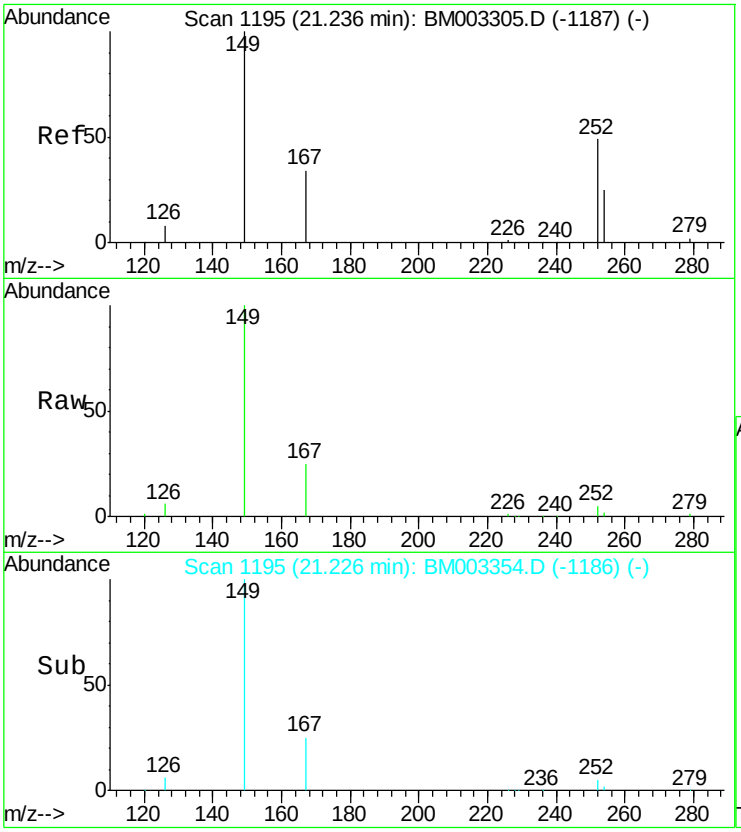


#32
Chrysene
Concen: 0.82 ng
RT: 21.35 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:228 Resp: 54355

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	18.4	14.3	21.5



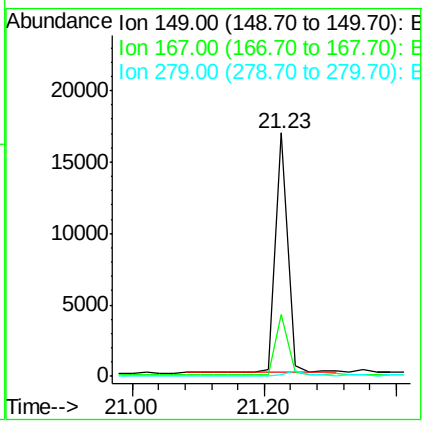


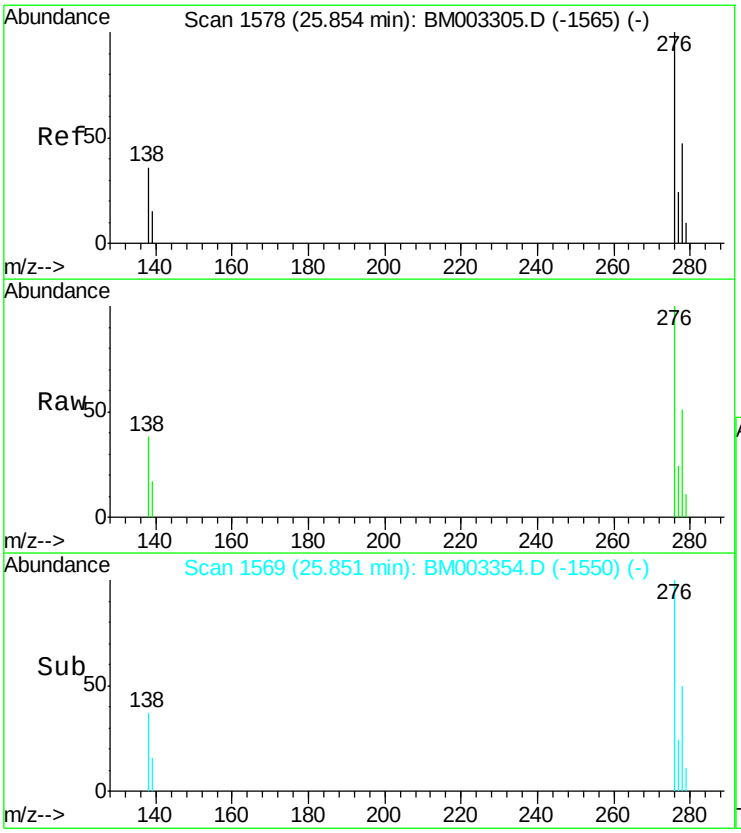
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.98 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 22043

Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.6	29.4
279	0.0	0.0	0.0

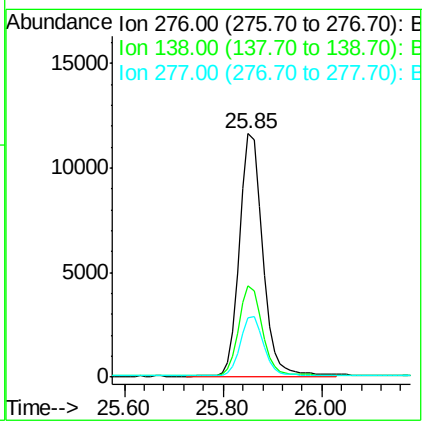


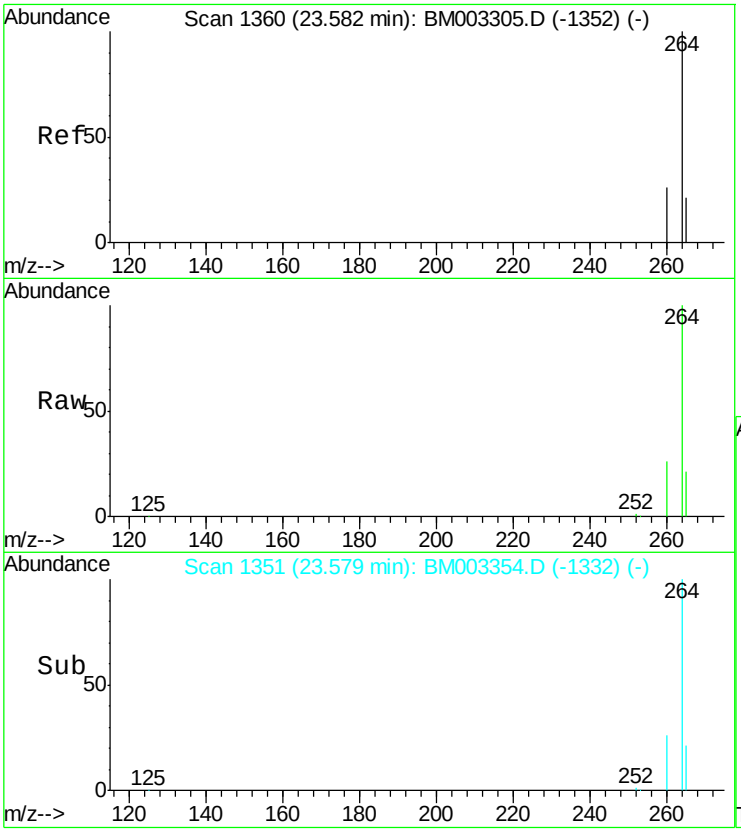


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.72 ng
RT: 25.85 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:276 Resp: 36575

Ion	Ratio	Lower	Upper
276	100		
138	37.5	19.1	28.7#
277	24.9	15.9	23.9#



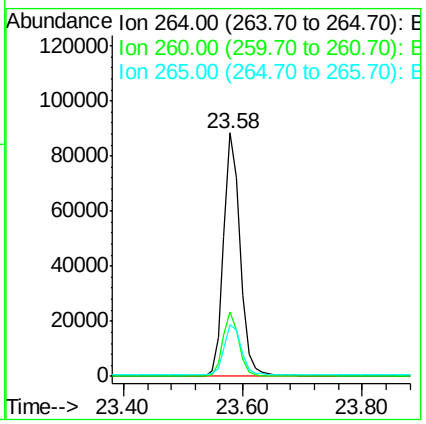


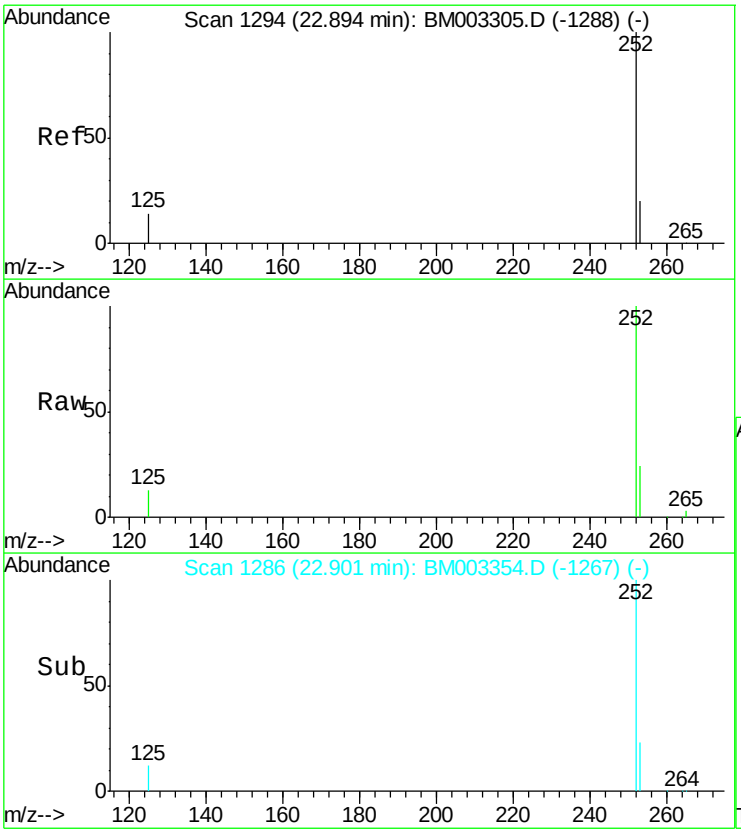
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 171248

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.6	29.4
265	21.4	18.4	27.6

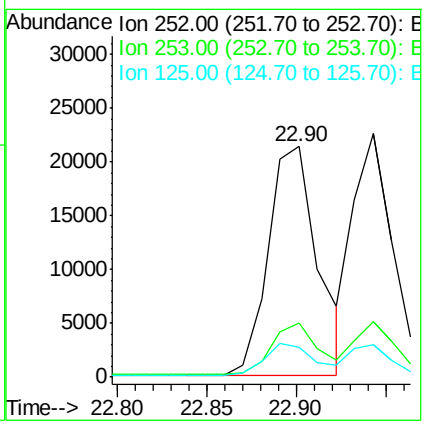


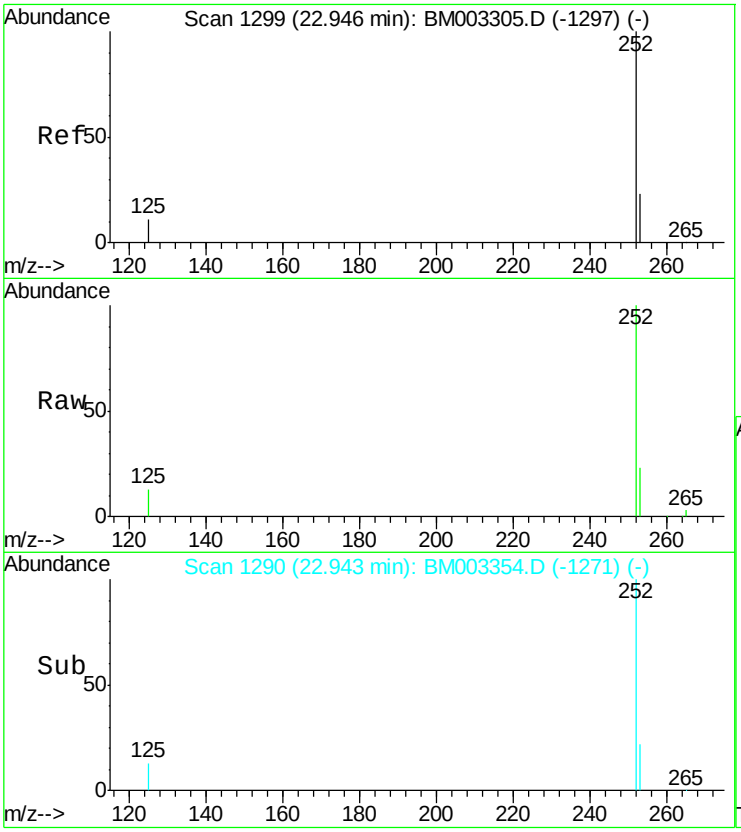


#36
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 22.90 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:252 Resp: 41262

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.1	10.3	15.5



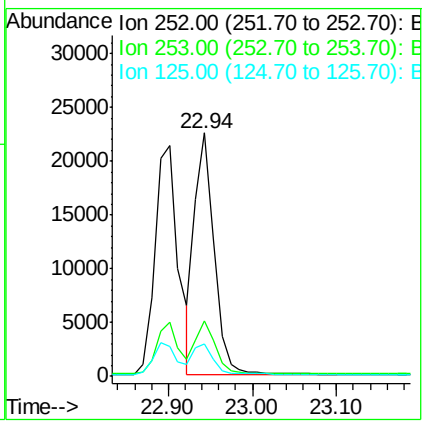


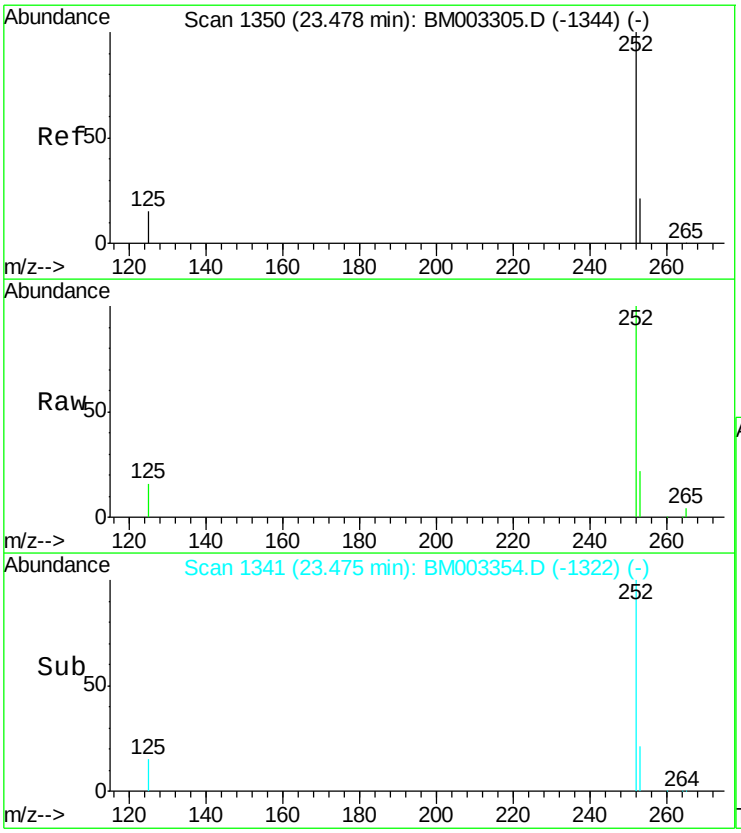
#37
Benzo(k)fluoranthene
Concen: 0.81 ng
RT: 22.94 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 35821

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.4	10.7	16.1

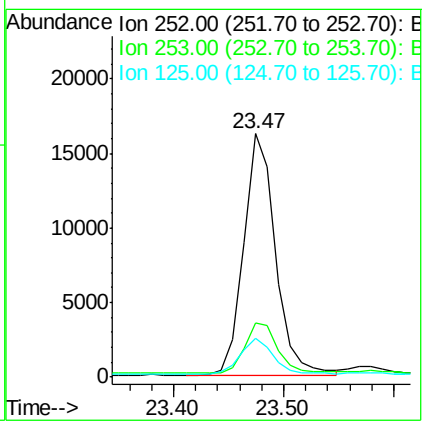


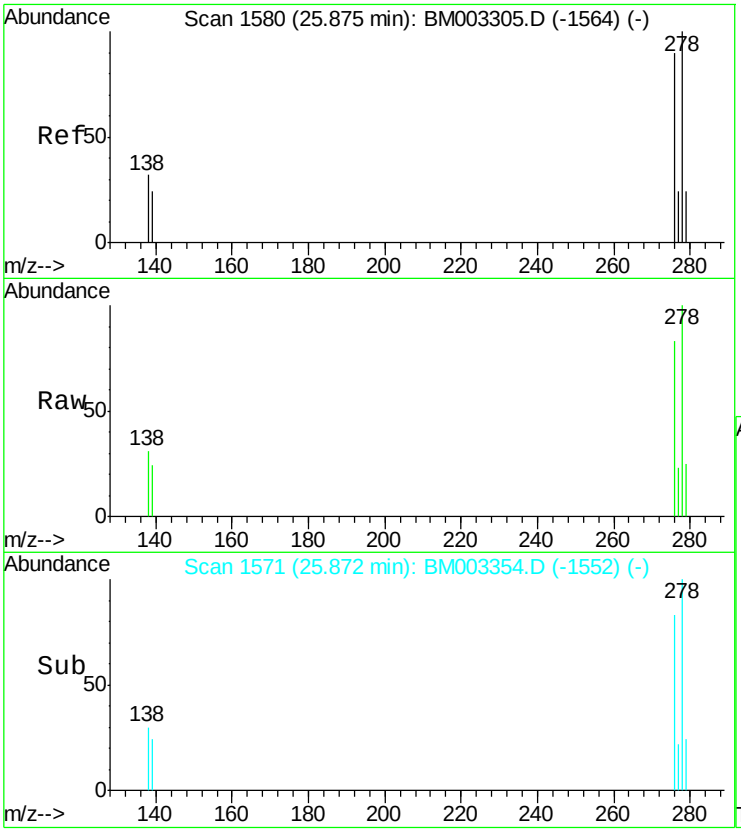


#38
Benzo(a)pyrene
Concen: 0.82 ng
RT: 23.47 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:252 Resp: 32314

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	16.0	11.6	17.4



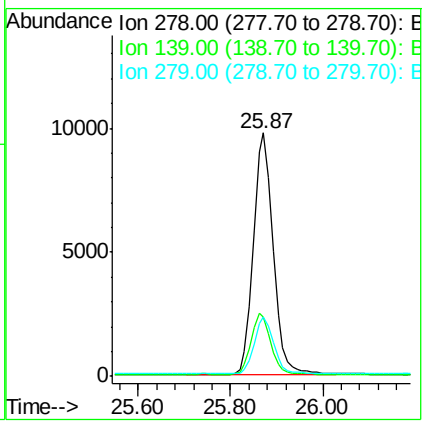


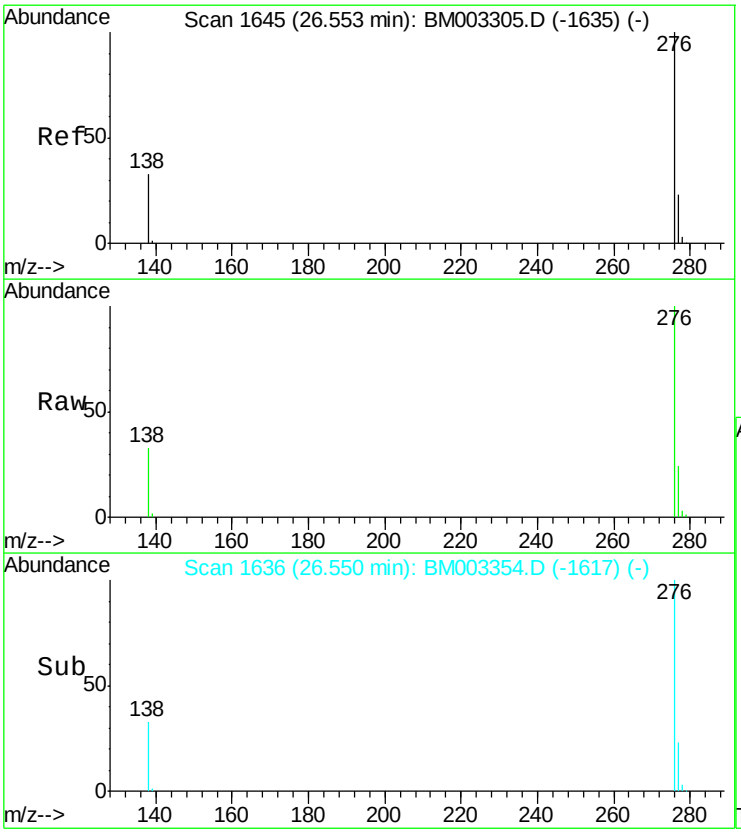
#39
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 25.87 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 29387

Ion	Ratio	Lower	Upper
278	100		
139	24.1	18.2	27.4
279	24.6	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 0.76 ng
RT: 26.55 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM003354.D
Acq: 02 Dec 2015 13:05

Tgt Ion:276 Resp: 31071

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	33.3	22.3	33.5