Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003907.D
Acq On : 31 Dec 2015 10:46
Operator : SJ/UM
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Quant Time: Dec 31 14:23:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 13:53:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	48960	5.00	ng		0.00
7) Naphthalene-d8	10.46	136	196672	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	101383	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	237136	5.00	ng		0.00
26) Chrysene-d12	21.29	240	153587	5.00	ng		0.02
35) Perylene-d12	23.52	264	127108	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	1142	0.10	ng		0.00
5) Phenol-d6	6.87	99	1285	0.09	ng		0.02
8) Nitrobenzene-d5	8.74	82	125	0.01	ng		-0.09
14) 2,4,6-Tribromophenol	15.84	330	218	0.07	ng		0.02
15) 2-Fluorobiphenyl	12.94	172	3639	0.12	ng		0.00
29) Terphenyl-d14	19.72	244	2914	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	661	0.13	ng		88
3) n-Nitrosodimethylamine	3.49	42	541	0.10	ng	#	96
6) bis(2-Chloroethyl)ether	7.11	93	1232	0.10	ng		98
9) Nitrobenzene	8.88	77	1049	0.09	ng		98
10) Naphthalene	10.51	128	4918	0.11	ng	#	96
11) Hexachlorobutadiene	10.80	225	758	0.11	ng		99
12) 2-Methylnaphthalene	12.13	142	3224	0.11	ng	#	93
16) Acenaphthylene	14.04	152	4290	0.09	ng		99
17) Acenaphthene	14.37	154	3489	0.12	ng		97
18) Fluorene	15.37	166	3560	0.10	ng	#	93
20) 4-Bromophenyl-phenylether	16.27	248	929	0.07	ng	#	57
21) Hexachlorobenzene	16.40	284	968	0.08	ng	#	48
22) Pentachlorophenol	16.76	266	187	0.05	ng	#	84
23) Phenanthrene	17.11	178	6525	0.08	ng	#	96
24) Anthracene	17.11	178	6516	0.11	ng		97
25) Fluoranthene	19.14	202	5929	0.08	ng		100
27) Benzidine	19.36	184	682	0.08	ng	#	43
28) Pyrene	19.52	202	6258	0.12	ng		99
30) Benzo(a)anthracene	21.27	228	5055	0.11	ng		98
31) 3,3'-Dichlorobenzidine	21.21	252	1158	0.09	ng	#	89
32) Chrysene	21.27	228	5045	0.11	ng	#	86
33) Bis(2-ethylhexyl)phthalate	21.19	149	2251	0.07	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.78	276	4104	0.12	ng		100
36) Benzo(b)fluoranthene	22.85	252	4430	0.11	ng	#	87
37) Benzo(k)fluoranthene	22.89	252	4315	0.11	ng	#	87
38) Benzo(a)pyrene	23.42	252	3595	0.10	ng	#	80
39) Dibenzo(a,h)anthracene	25.79	278	3240	0.12	ng	#	84
40) Benzo(g,h,i)perylene	26.47	276	3581	0.12	ng	#	90

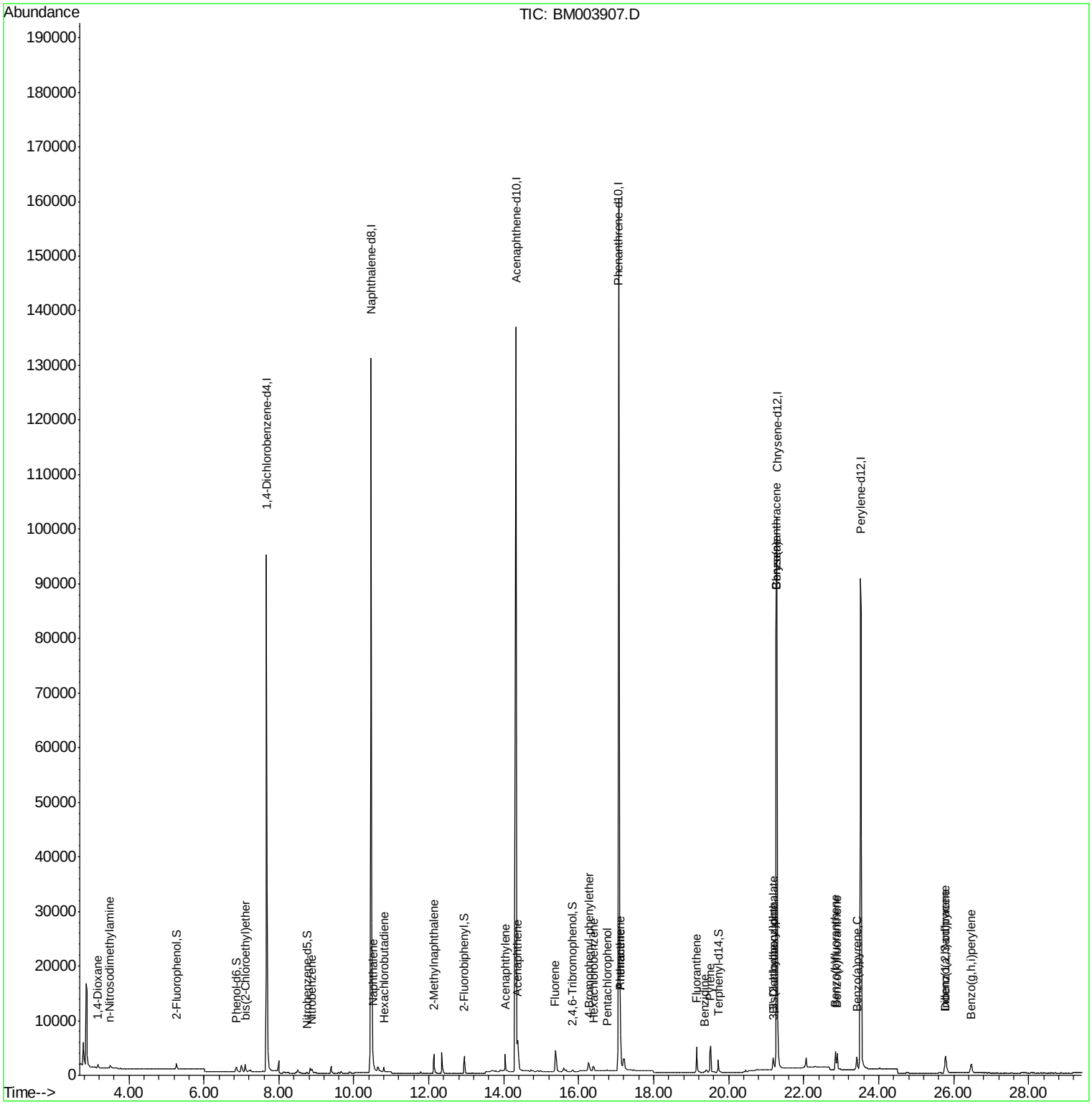
(#) = qualifier out of range (m) = manual integration (+) = signals summed

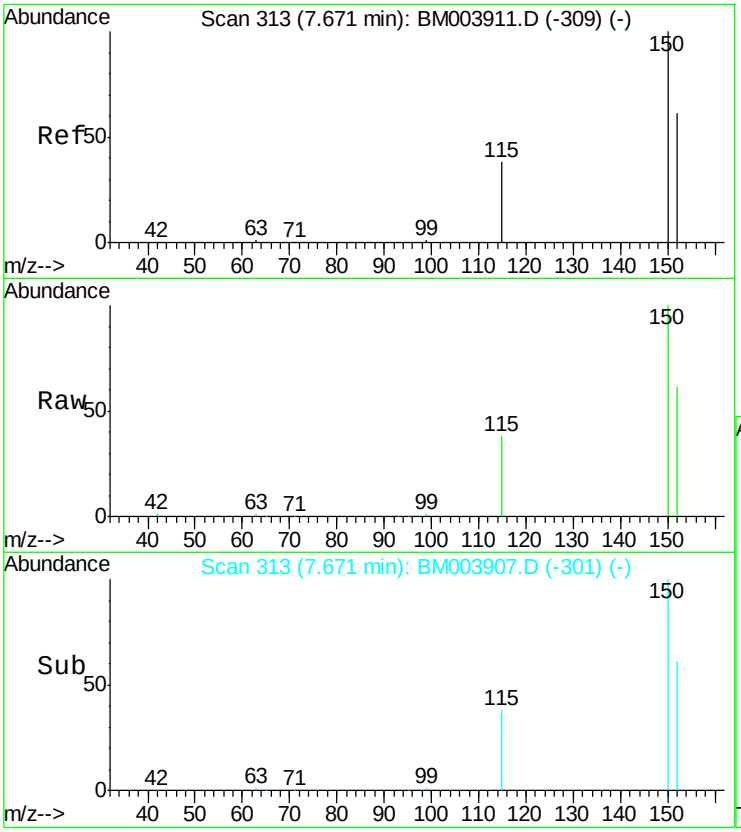
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003907.D
Acq On : 31 Dec 2015 10:46
Operator : SJ/UM
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Quant Time: Dec 31 14:23:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 13:53:16 2015
Response via : Initial Calibration



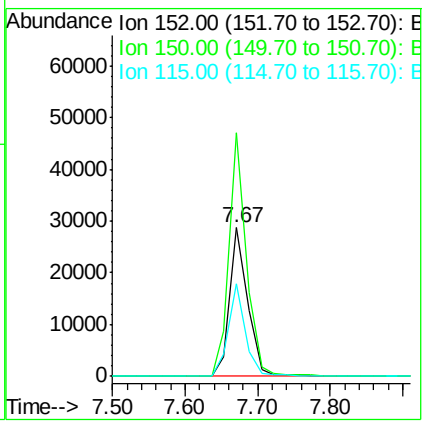


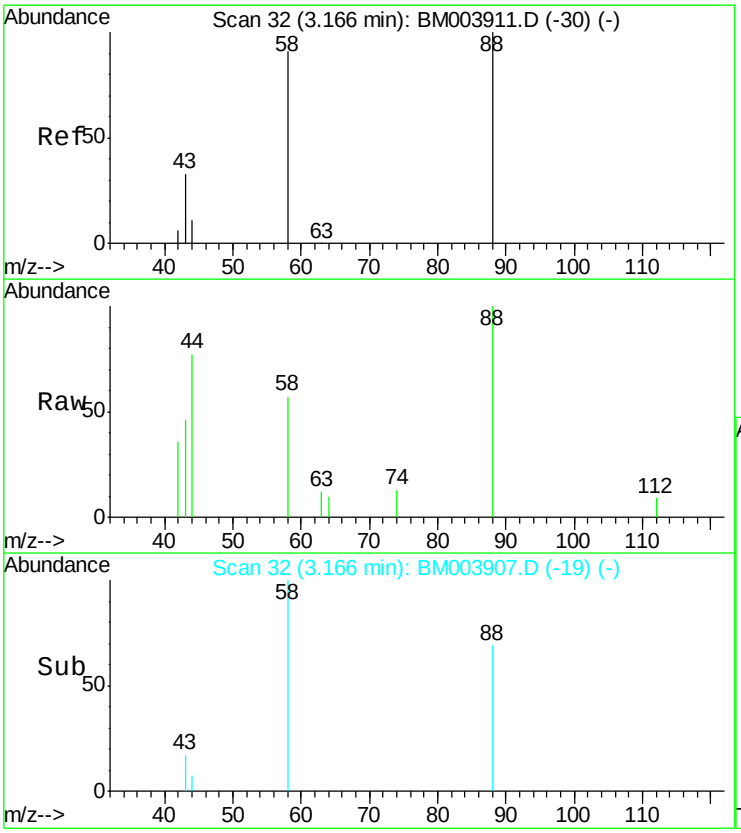
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 48960

Ion	Ratio	Lower	Upper
152	100		
150	163.9	122.9	184.3
115	62.3	44.4	66.6

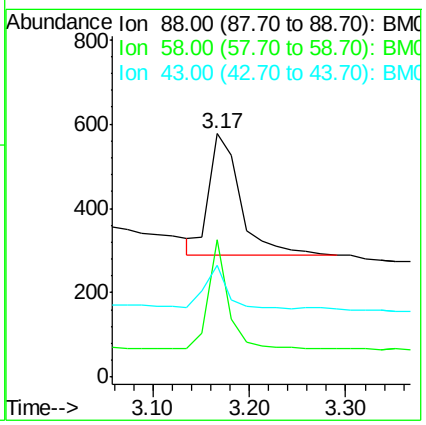


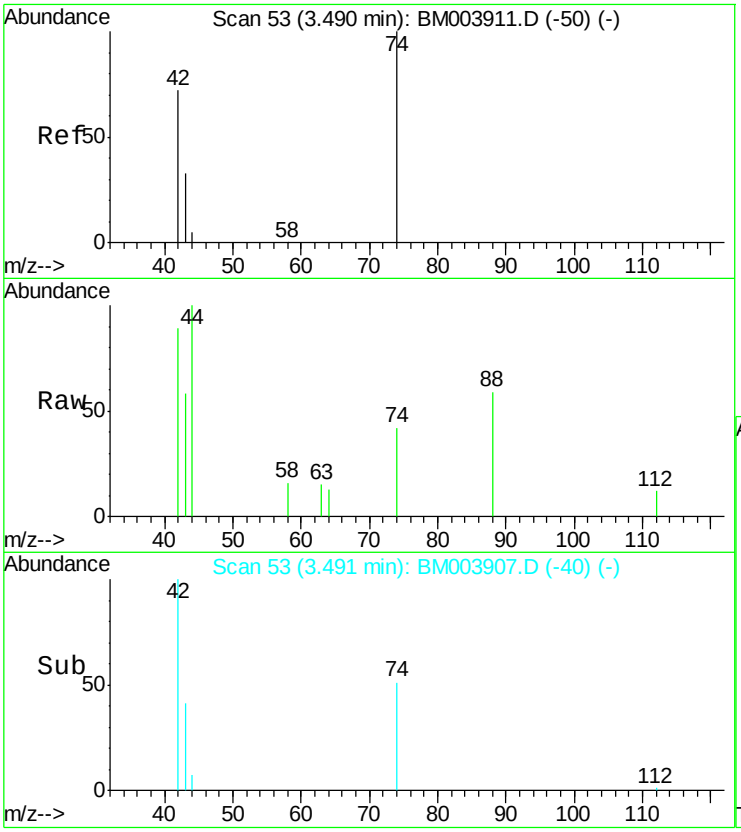


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion: 88 Resp: 661

Ion	Ratio	Lower	Upper
88	100		
58	56.9	53.8	80.6
43	24.8	23.8	35.6



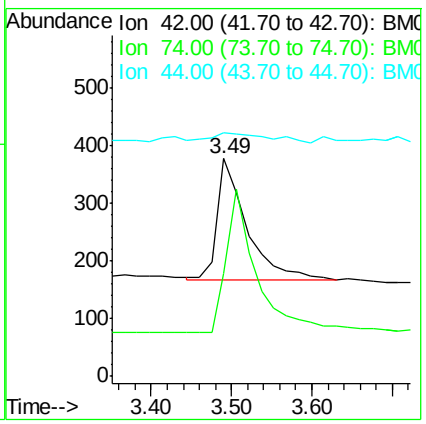


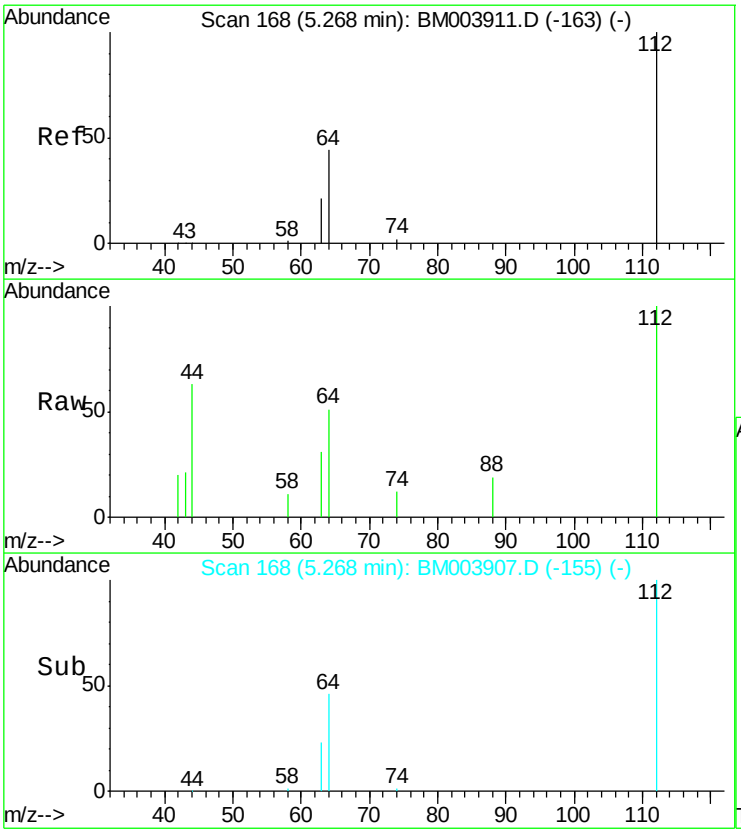
#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 541

Ion	Ratio	Lower	Upper
42	100		
74	121.1	95.0	142.4
44	16.8	5.1	7.7#

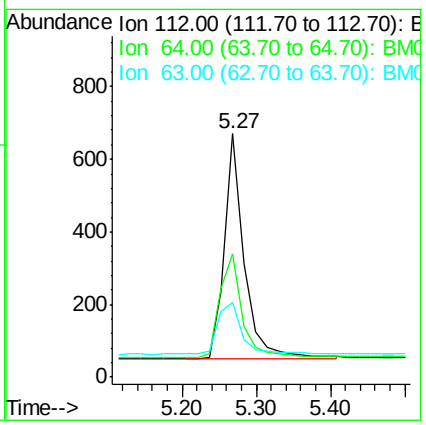


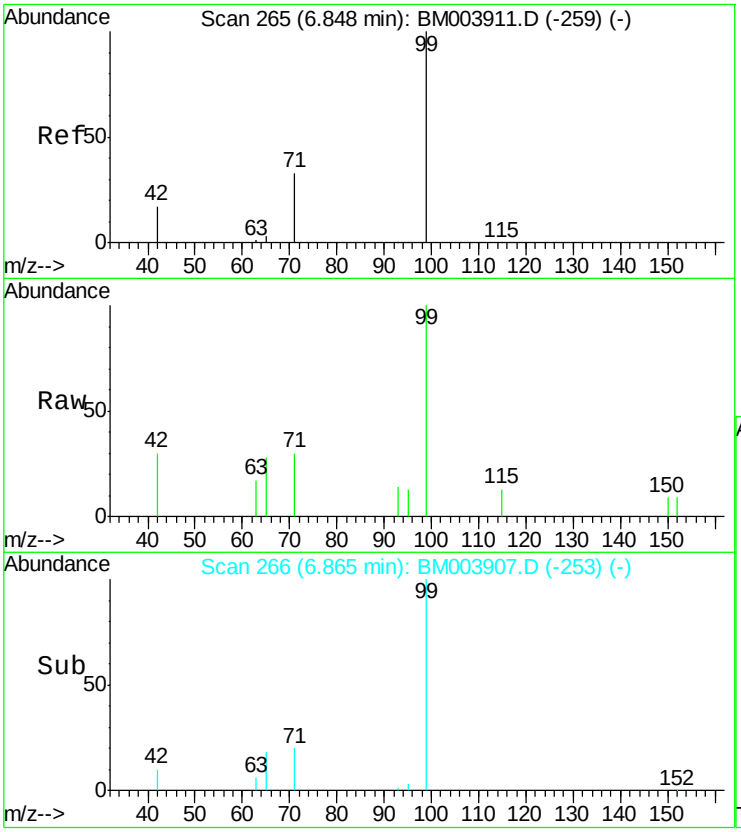


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:112 Resp: 1142

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.8	62.8
63	29.7	22.1	33.1



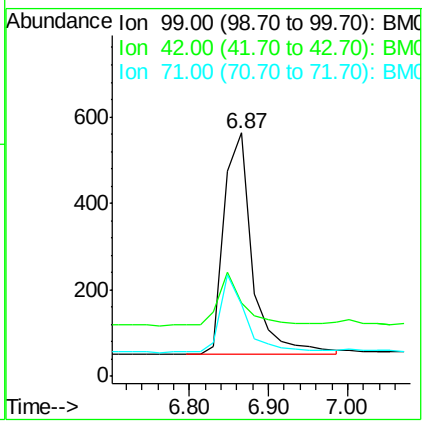


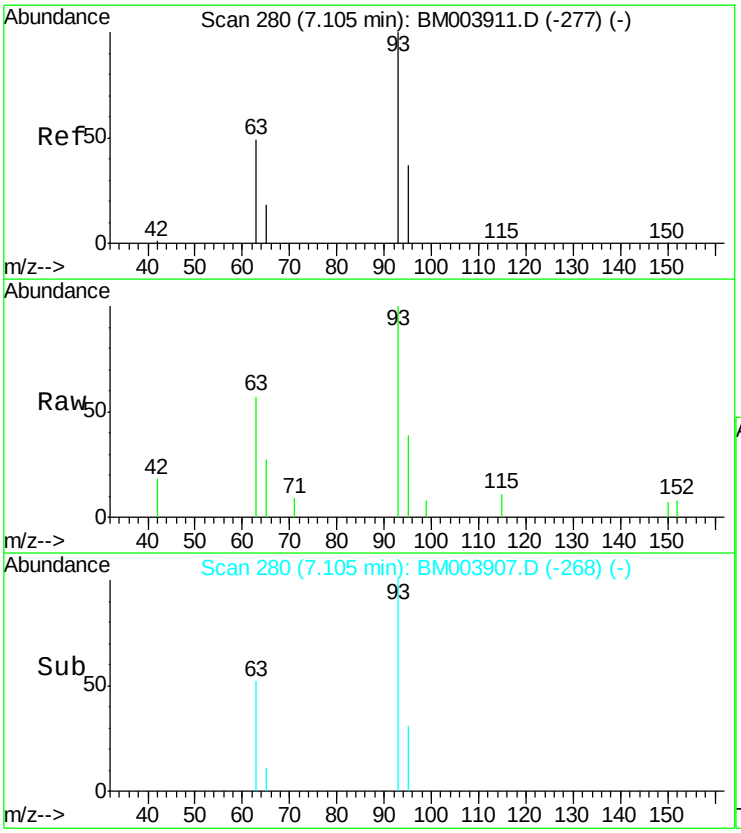
#5
Phenol-d6
Concen: 0.09 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1285

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.2	24.2
71	32.1	24.4	36.6

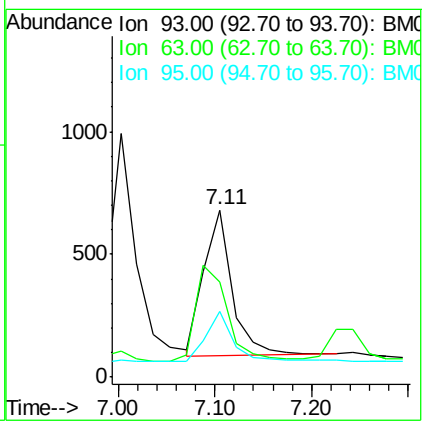


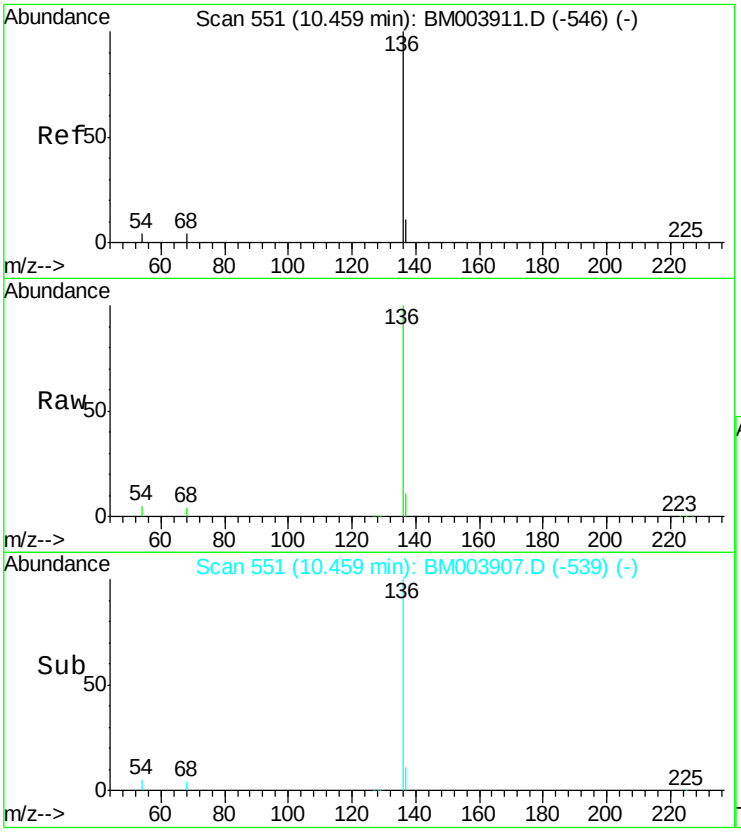


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.11 min Scan# 280
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion: 93 Resp: 1232

Ion	Ratio	Lower	Upper
93	100		
63	72.2	58.3	87.5
95	34.0	25.8	38.8



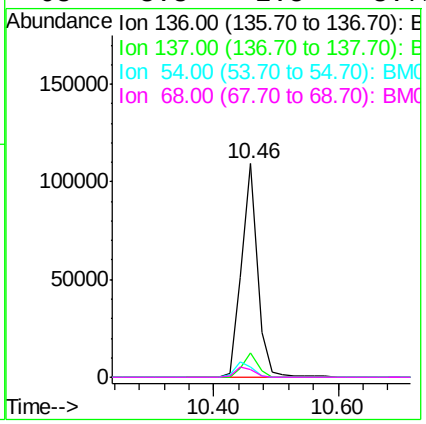


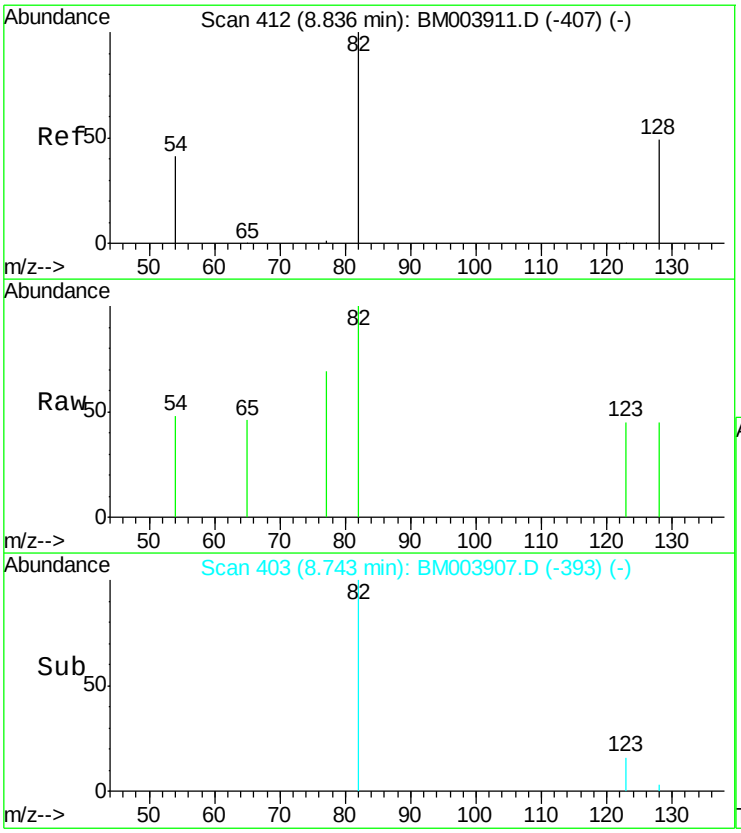
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 196672

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.6	2.8	4.2#
68	3.8	2.5	3.7#

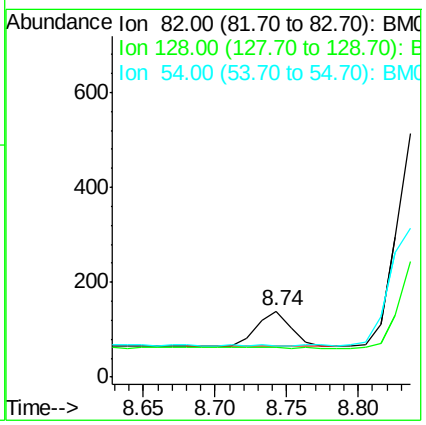


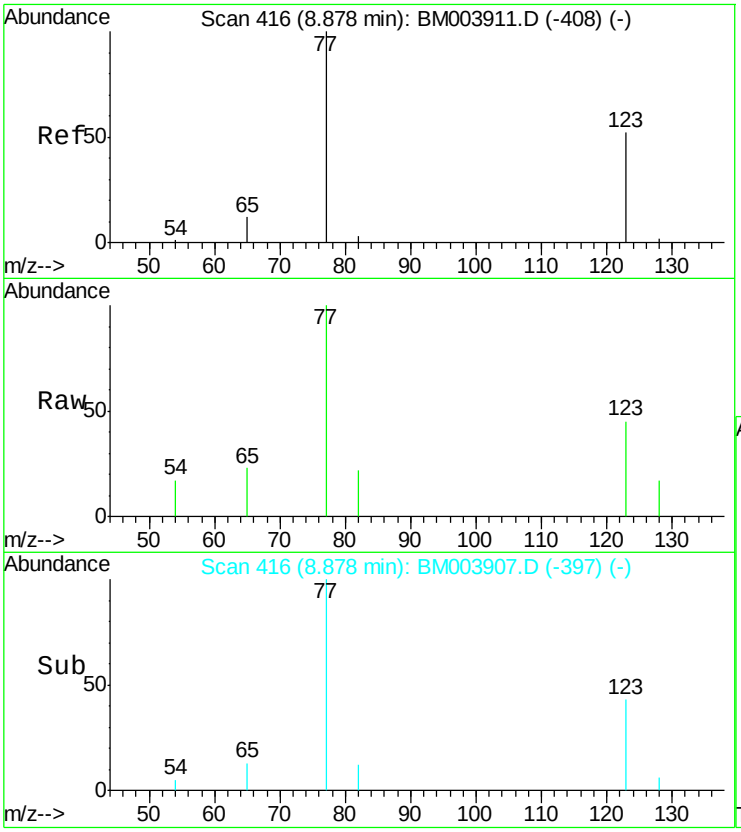


#8
Nitrobenzene-d5
Concen: 0.01 ng
RT: 8.74 min Scan# 403
Delta R.T. -0.09 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion: 82 Resp: 125

Ion	Ratio	Lower	Upper
82	100		
128	45.0	39.1	58.7
54	47.9	34.8	52.2



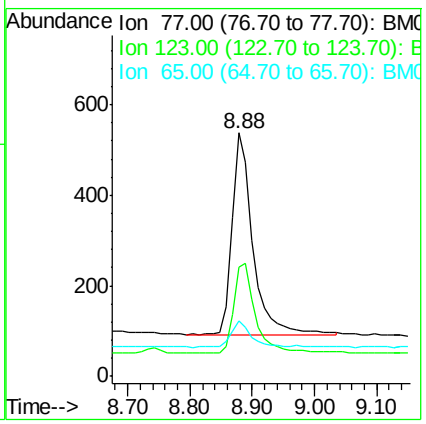


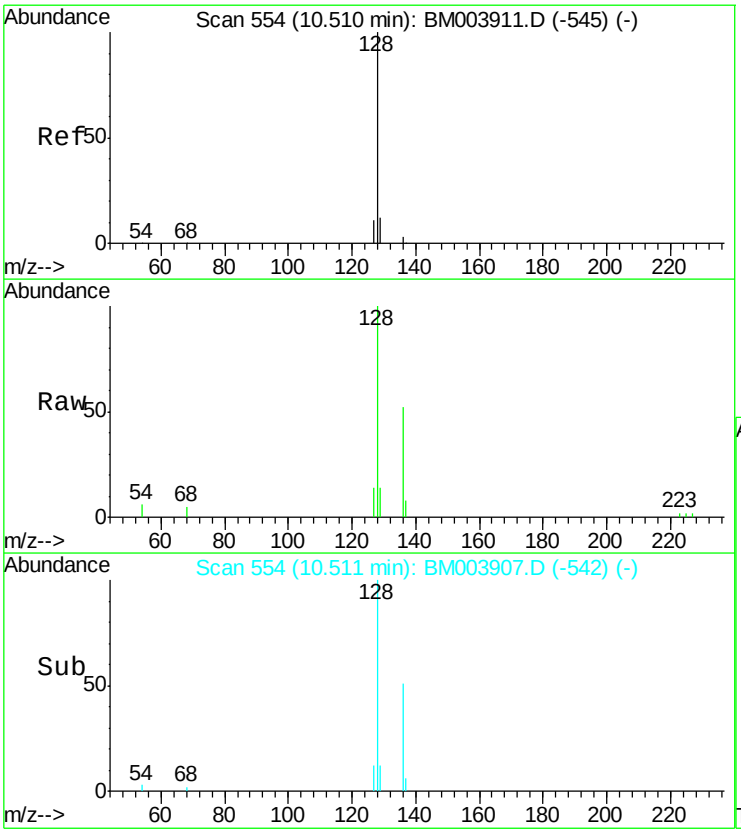
#9
Nitrobenzene
Concen: 0.09 ng
RT: 8.88 min Scan# 416
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 77 Resp: 1049

Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.6	57.8
65	13.0	9.9	14.9

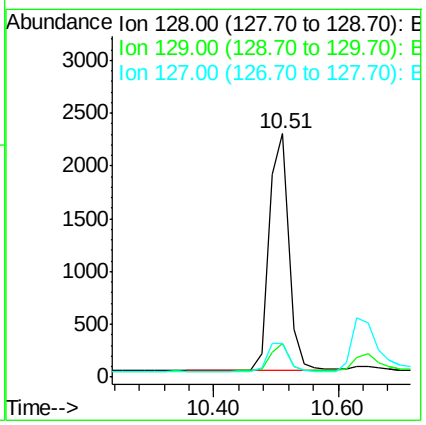


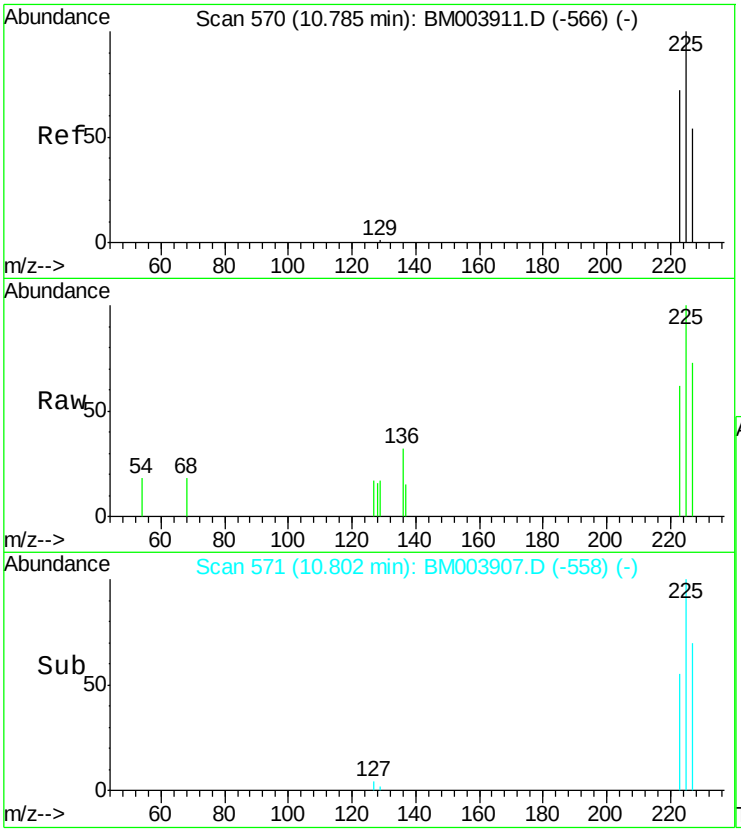


#10
Naphthalene
Concen: 0.11 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:128 Resp: 4918

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.5	12.7#
127	13.7	11.0	16.4



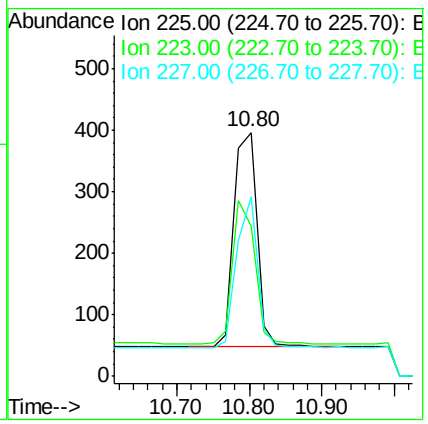


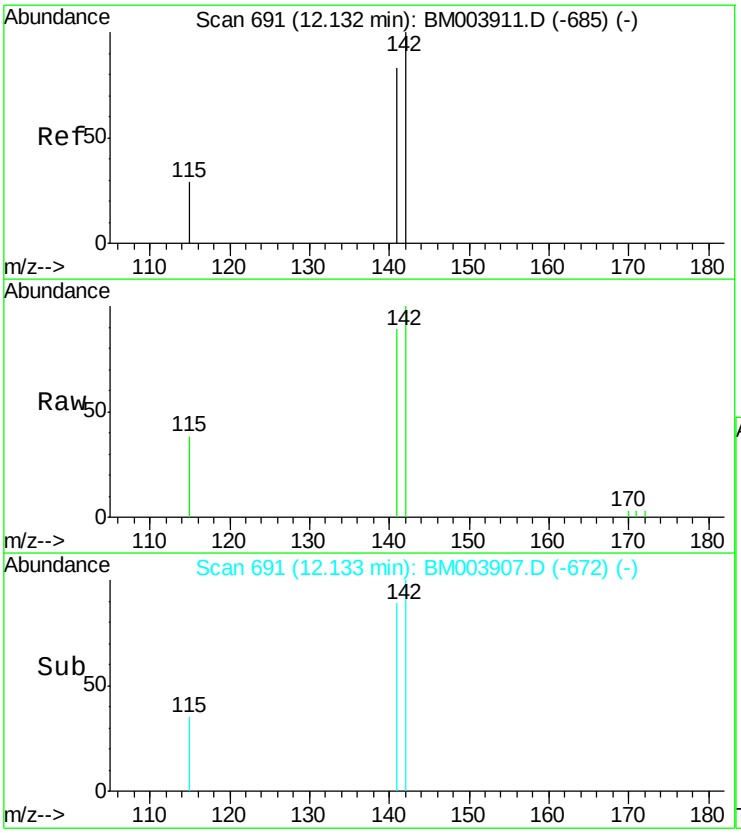
#11
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:225 Resp: 758

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	63.5	51.2	76.8

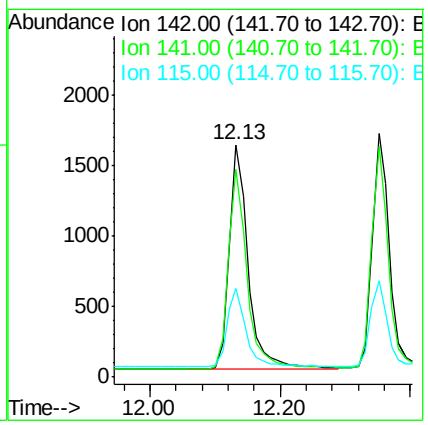


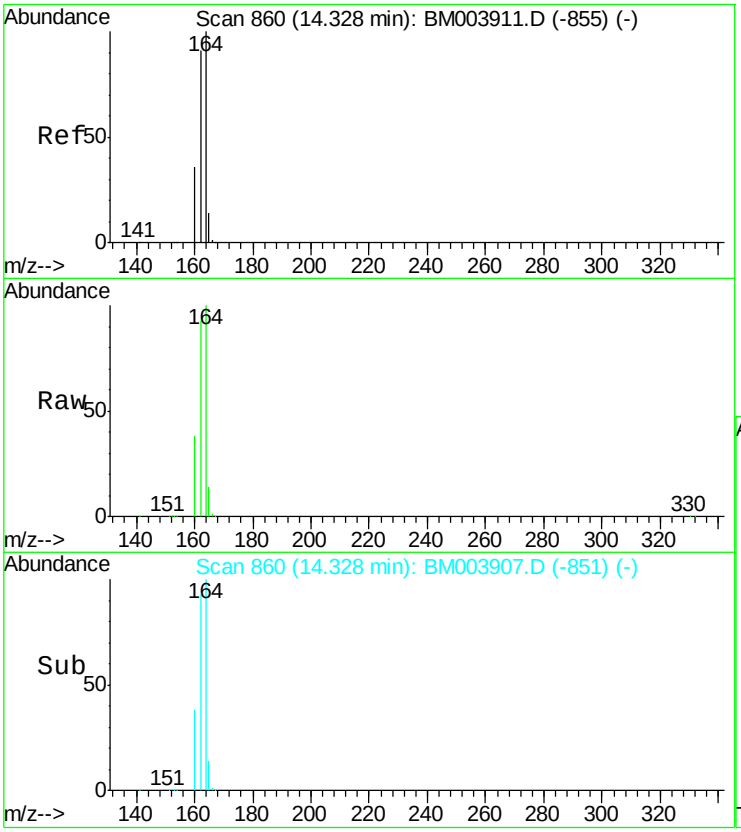


#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.13 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:142 Resp: 3224

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.8	101.8
115	38.1	25.3	37.9#



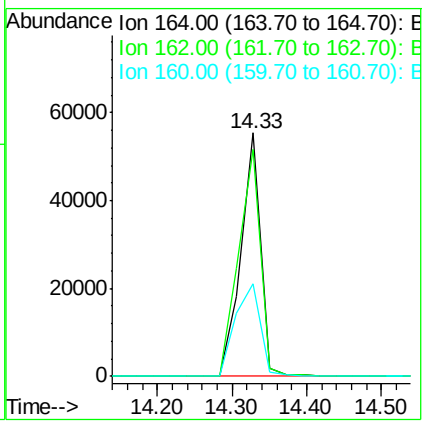


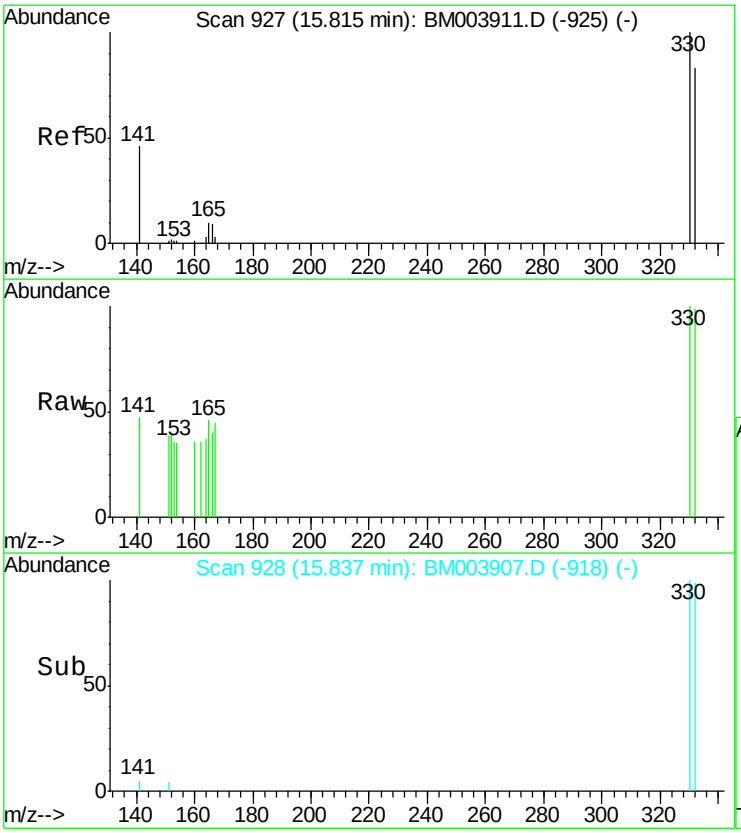
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 101383

Ion	Ratio	Lower	Upper
164	100		
162	93.1	86.0	129.0
160	38.0	40.3	60.5#

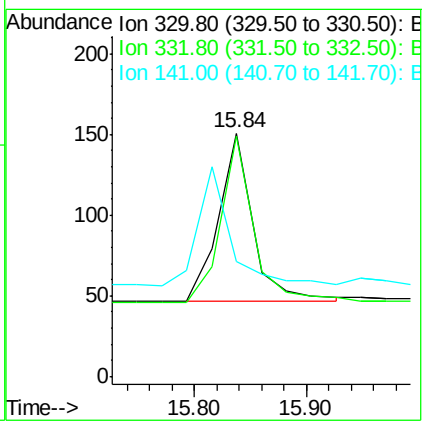


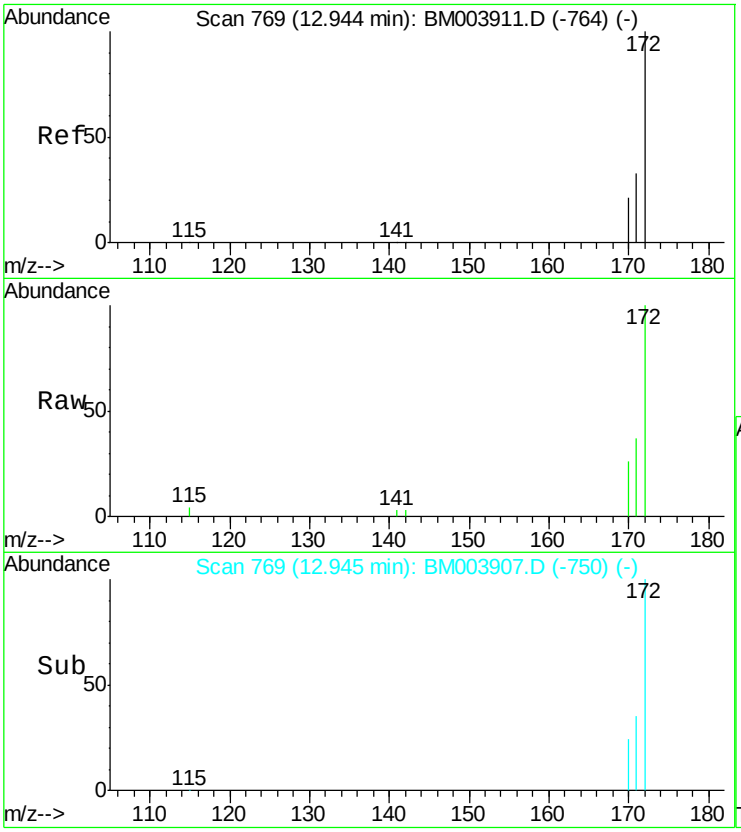


#14
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.84 min Scan# 928
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	0.0	0.0	0.0



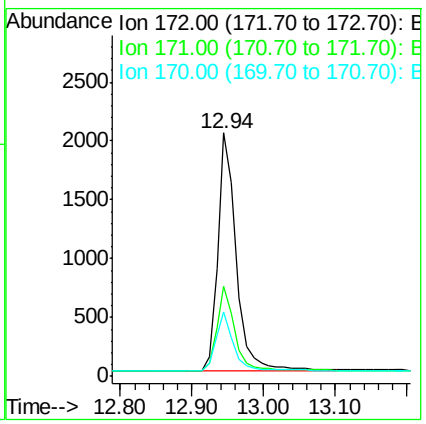


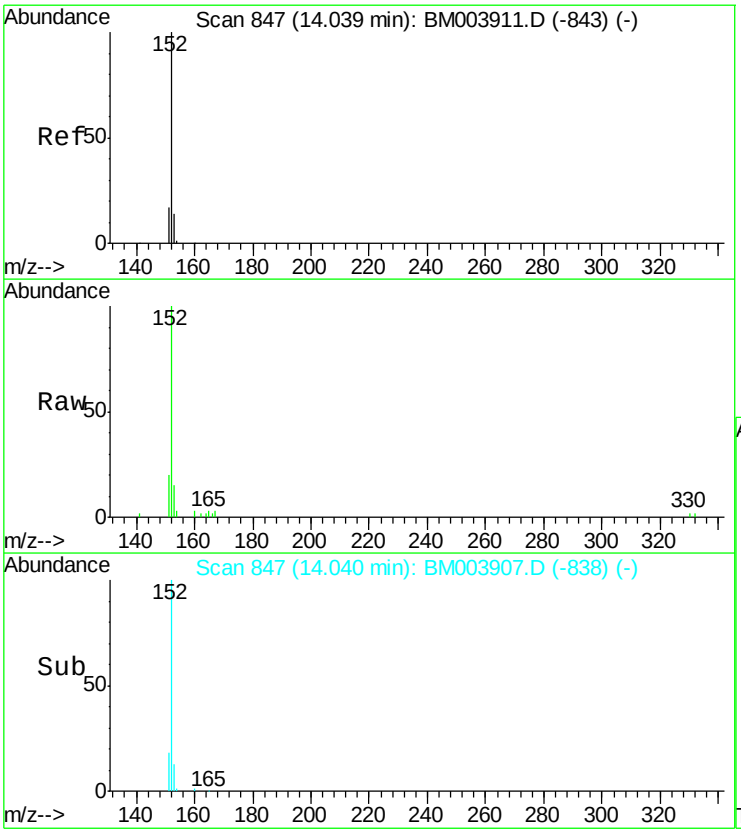
#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3639

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.0	40.6
170	26.3	17.9	26.9

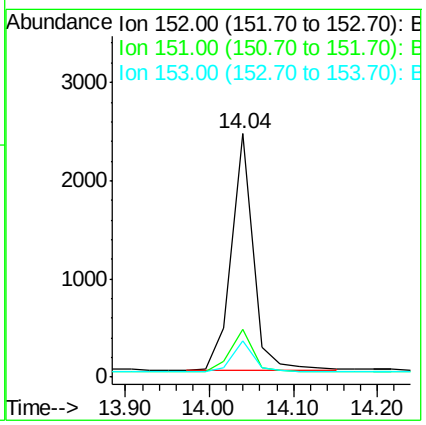


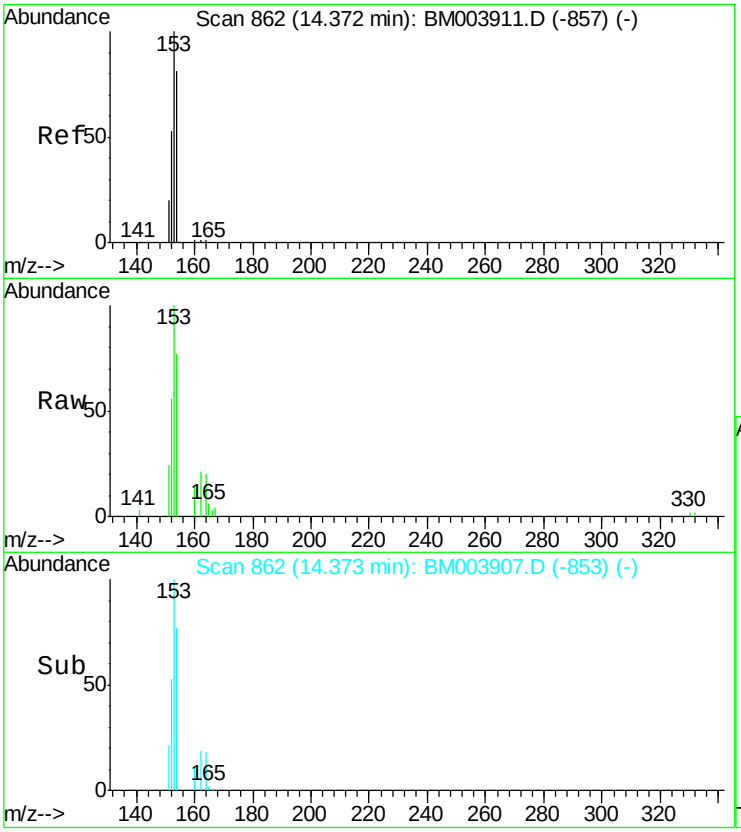


#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:152 Resp: 4290

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	12.5	10.2	15.4



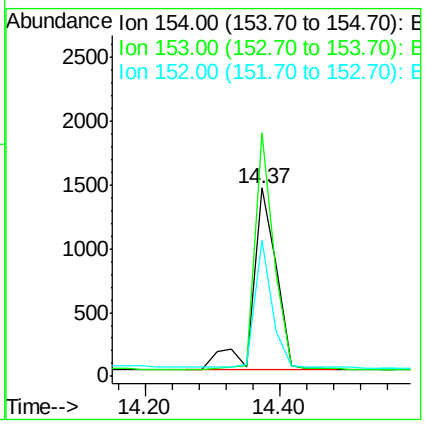


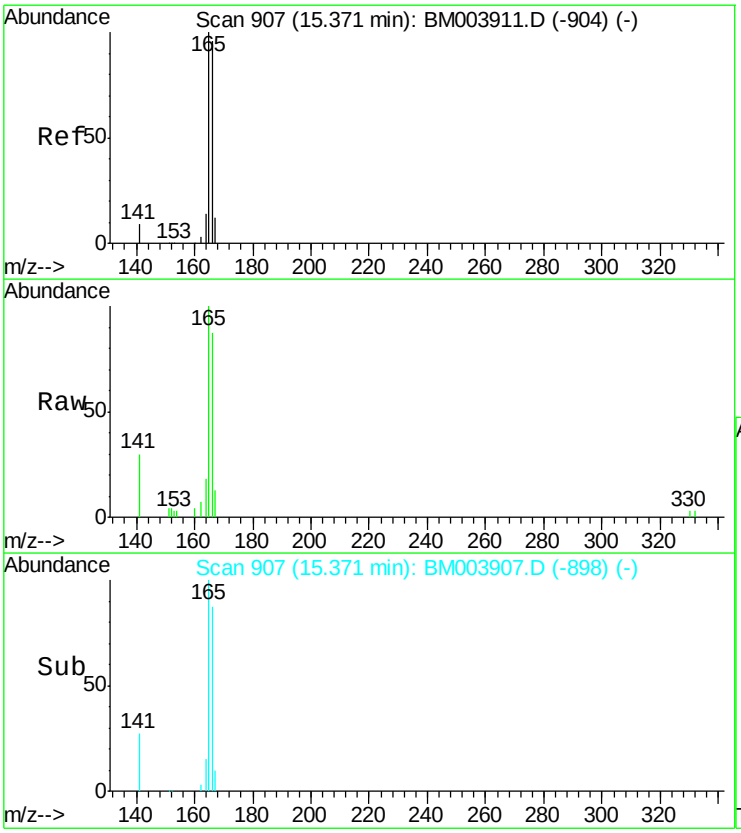
#17
Acenaphthene
Concen: 0.12 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3489

Ion	Ratio	Lower	Upper
154	100		
153	103.0	85.4	128.2
152	50.9	40.6	60.8

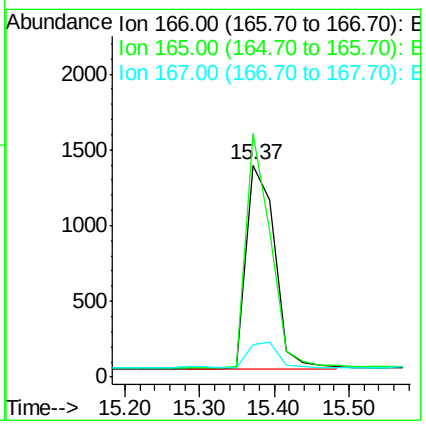


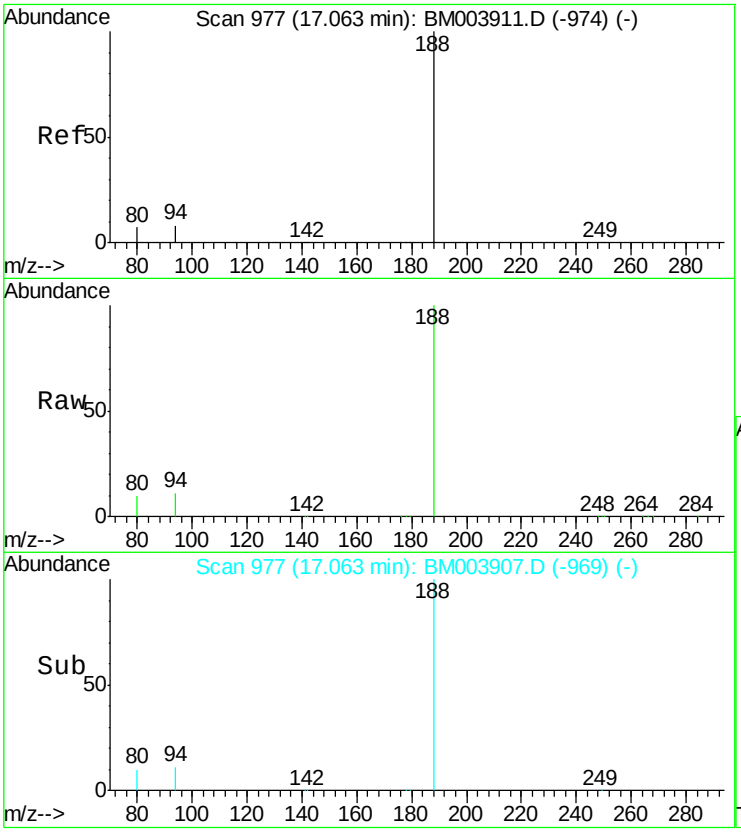


#18
Fluorene
Concen: 0.10 ng
RT: 15.37 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:166 Resp: 3560

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.2	115.8
167	0.0	11.0	16.6#



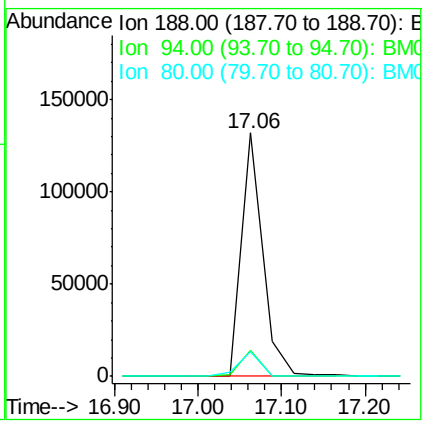


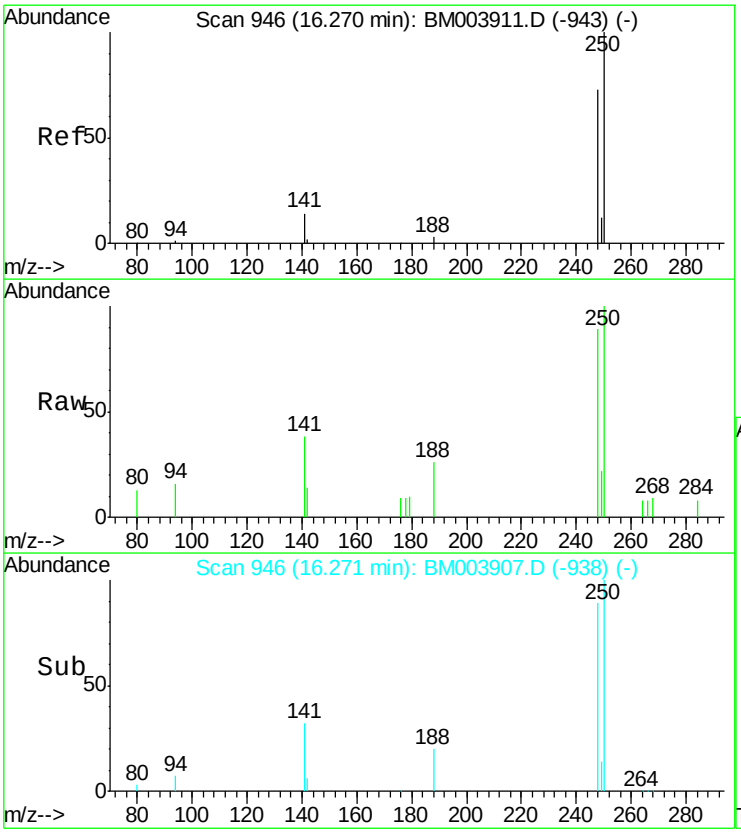
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 237136

Ion	Ratio	Lower	Upper
188	100		
94	10.6	20.3	30.5#
80	10.1	22.2	33.4#

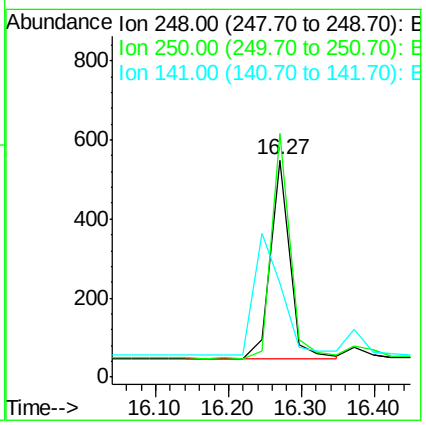


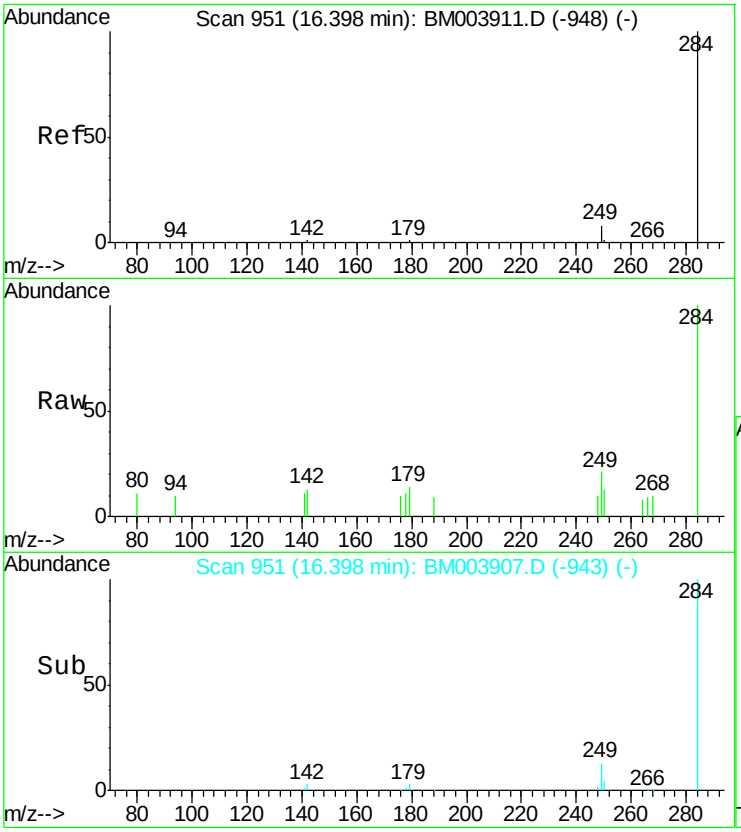


#20
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:248 Resp: 929

Ion	Ratio	Lower	Upper
248	100		
250	108.5	75.0	112.4
141	0.0	53.0	79.4#



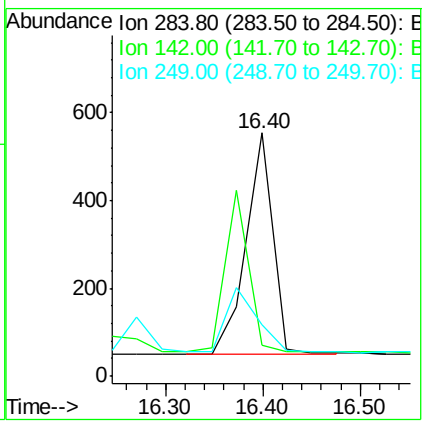


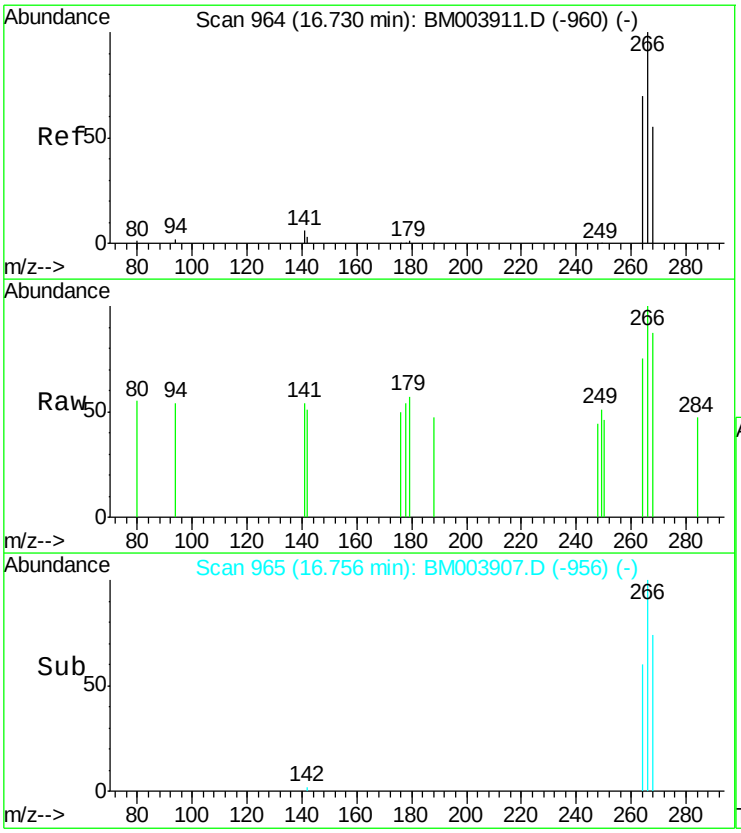
#21
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 968

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	21.5	32.3#

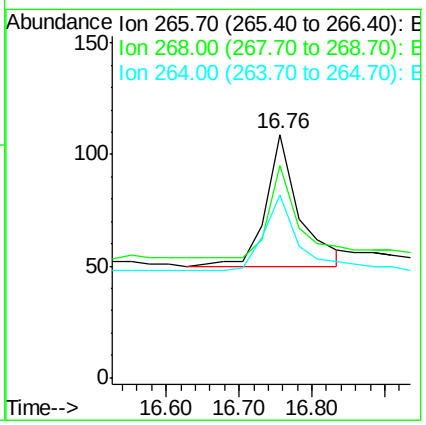


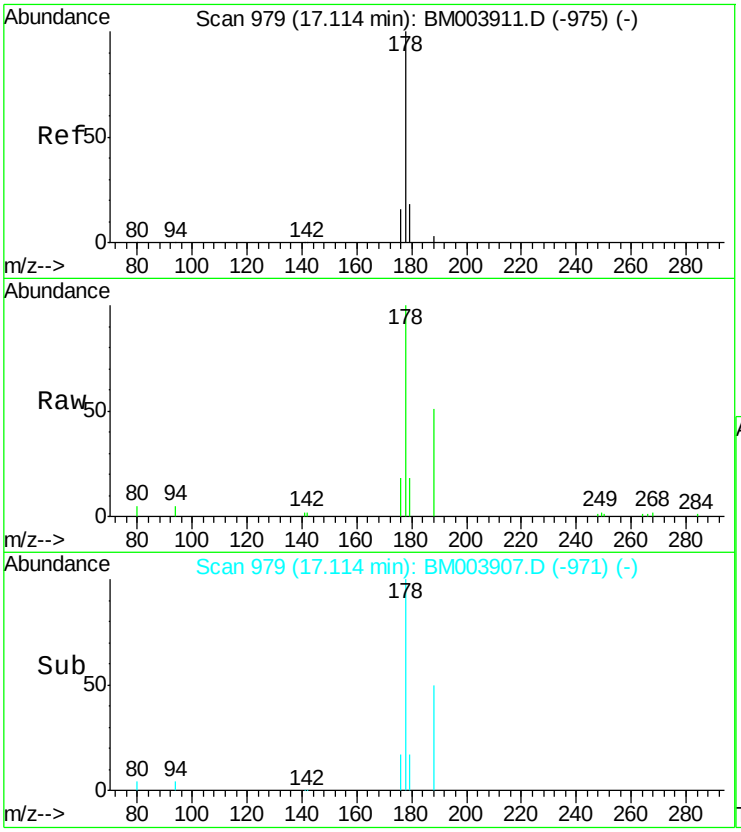


#22
Pentachlorophenol
Concen: 0.05 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:266 Resp: 187

Ion	Ratio	Lower	Upper
266	100		
268	87.2	62.7	94.1
264	75.2	45.7	68.5#



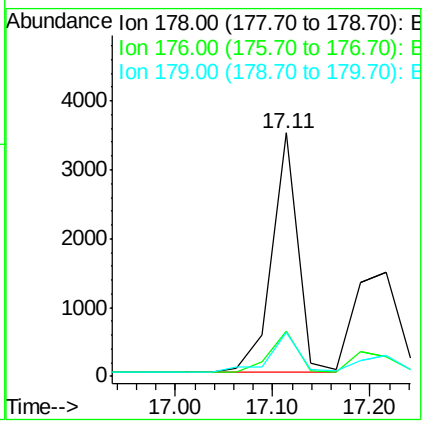


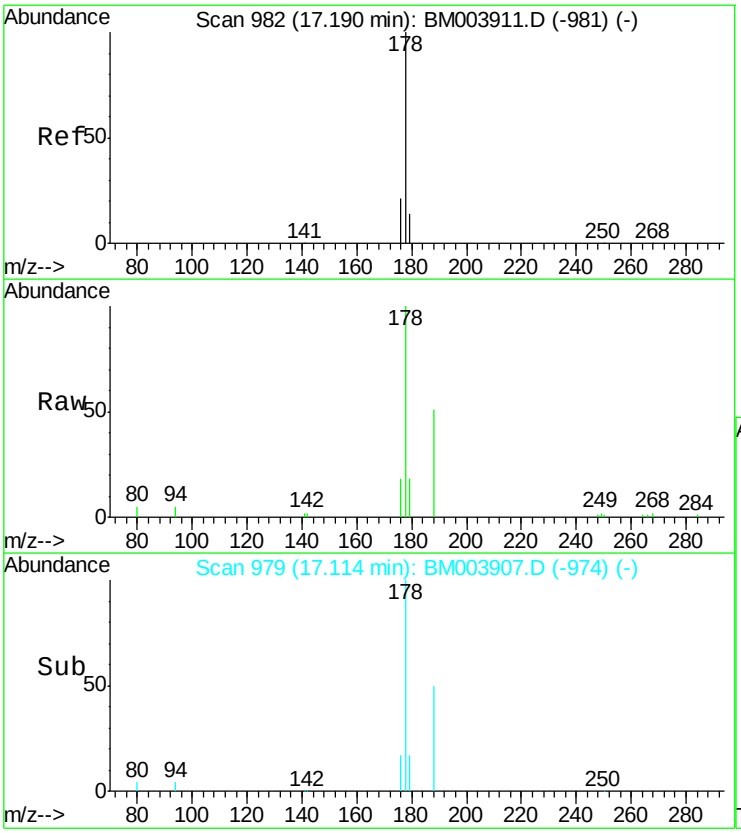
#23
Phenanthrene
Concen: 0.08 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 6525

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	18.5	12.2	18.4#

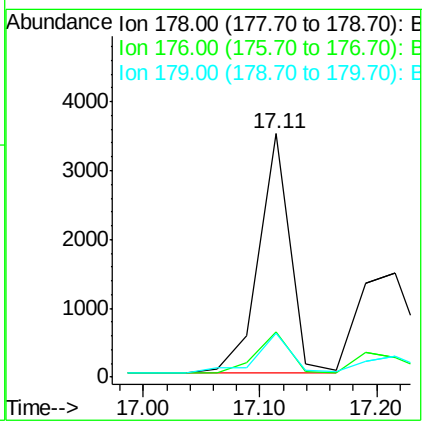


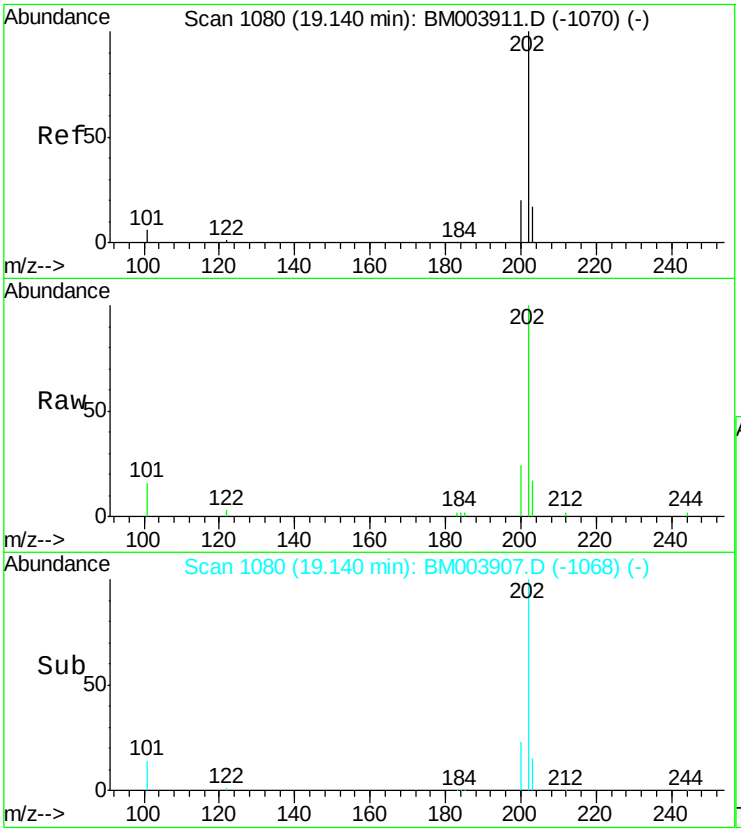


#24
Anthracene
Concen: 0.11 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.08 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:178 Resp: 6516

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	18.4	12.6	19.0



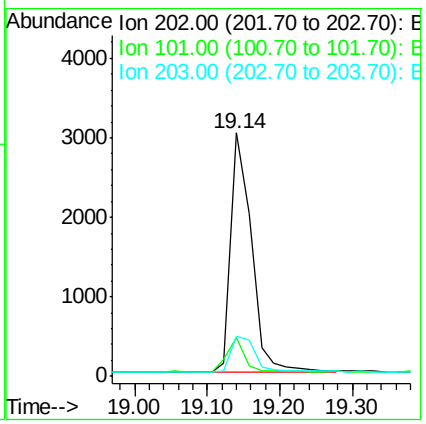


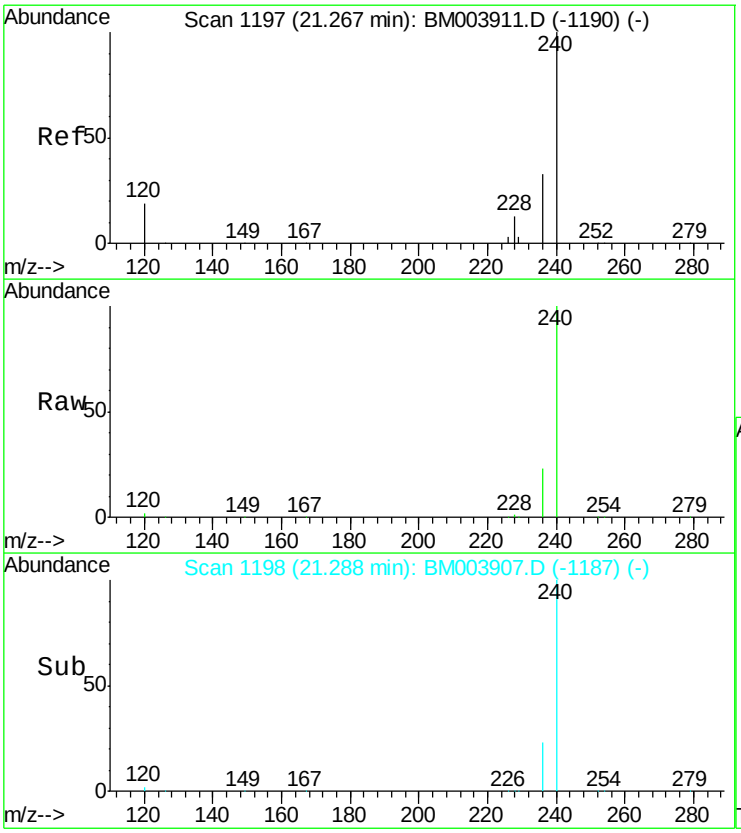
#25
Fluoranthene
Concen: 0.08 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 5929

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.2	13.8	20.8

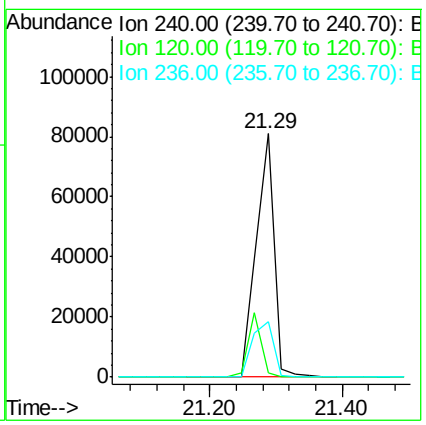


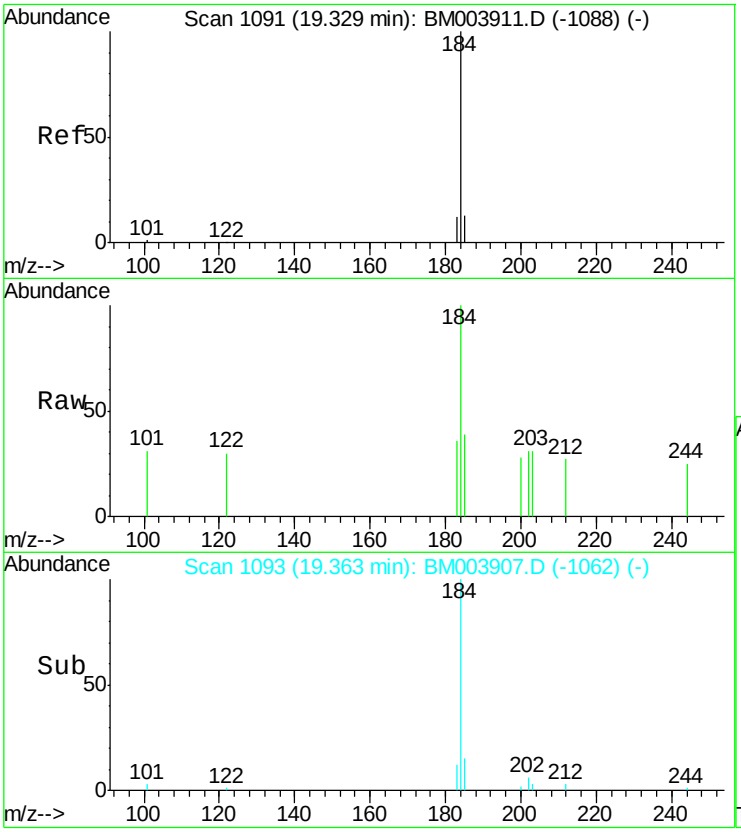


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:240 Resp: 153587

Ion	Ratio	Lower	Upper
240	100		
120	1.6	0.9	1.3#
236	22.8	17.3	25.9



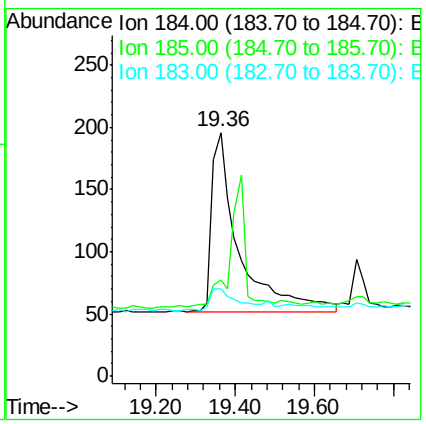


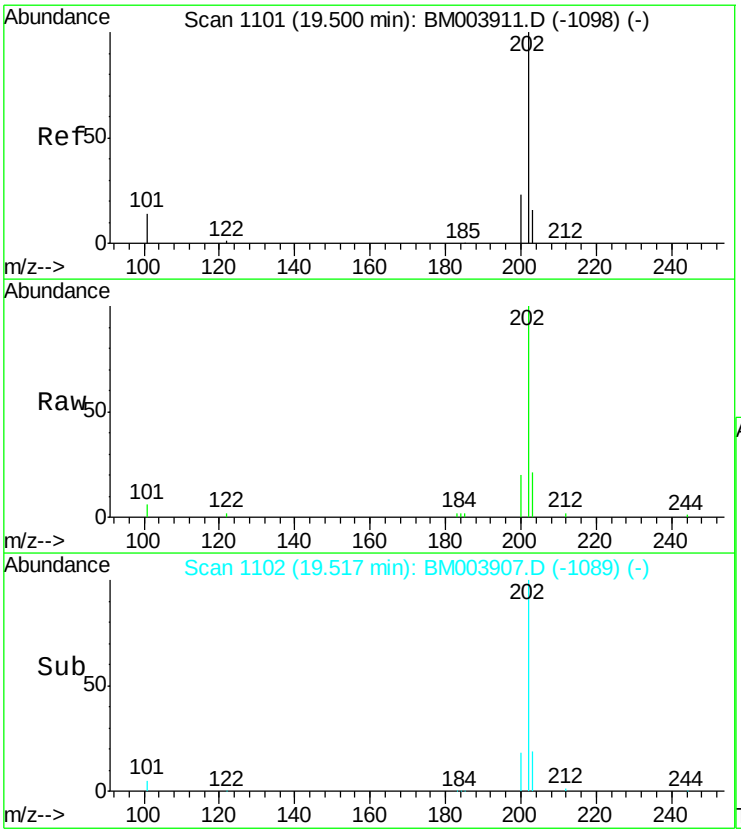
#27
Benzidine
Concen: 0.08 ng
RT: 19.36 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:184 Resp: 682

Ion	Ratio	Lower	Upper
184	100		
185	39.3	13.2	19.8#
183	35.7	9.0	13.6#

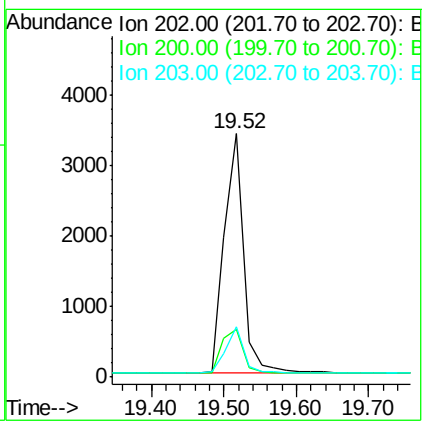


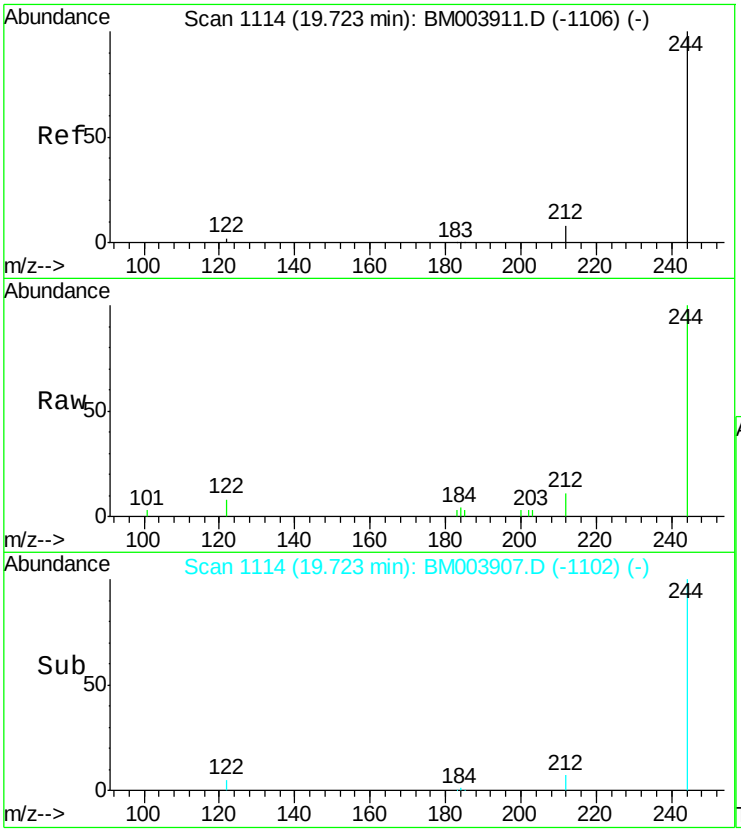


#28
Pyrene
Concen: 0.12 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:202 Resp: 6258

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.1	14.0	21.0



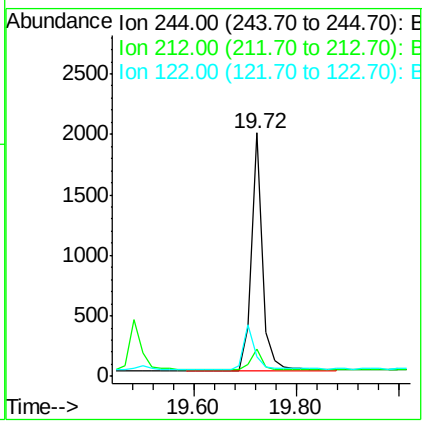


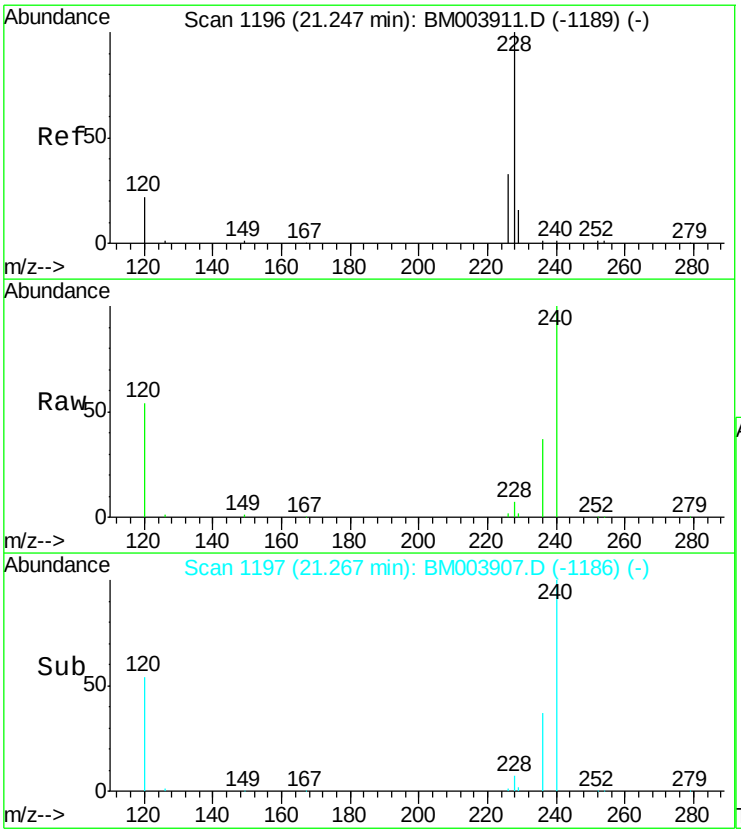
#29
Terphenyl-d14
Concen: 0.11 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2914

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.0	10.6#
122	8.2	3.0	4.6#

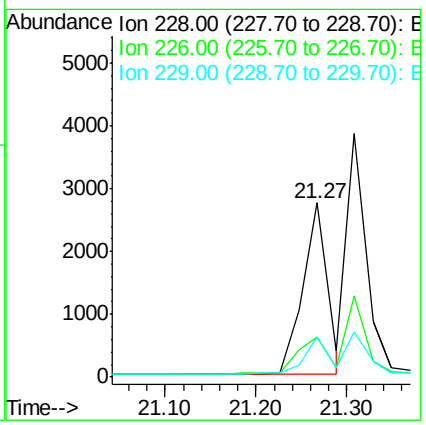


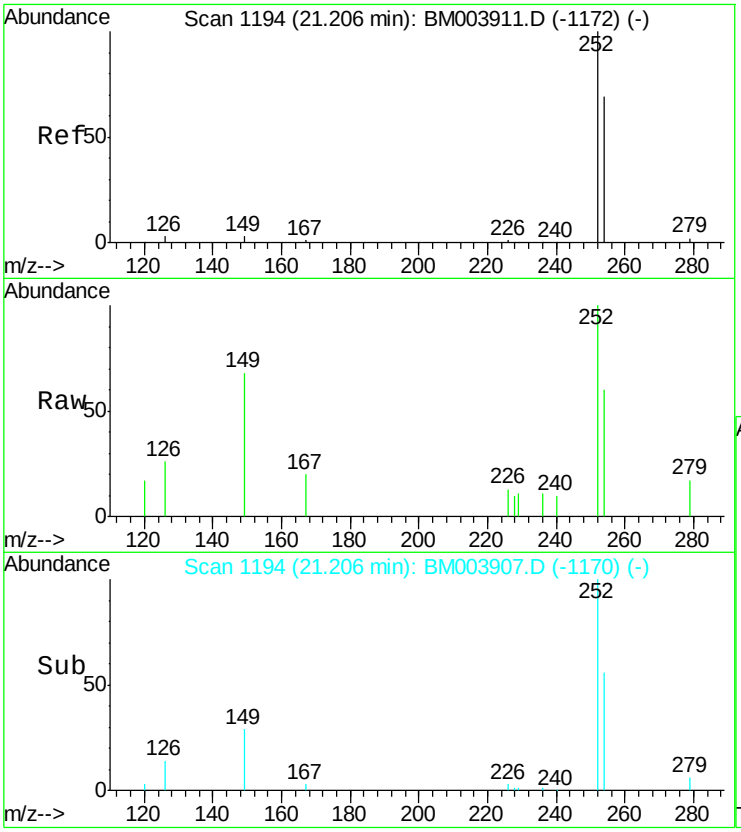


#30
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:228 Resp: 5055

Ion	Ratio	Lower	Upper
228	100		
226	23.1	17.2	25.8
229	23.4	18.7	28.1



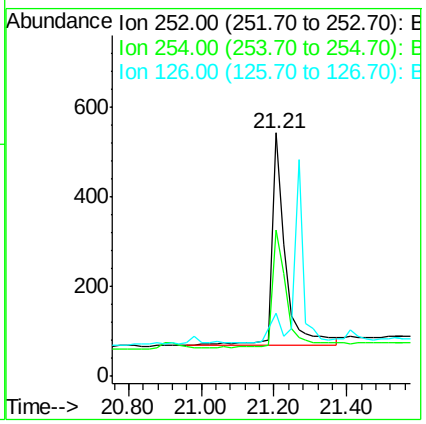


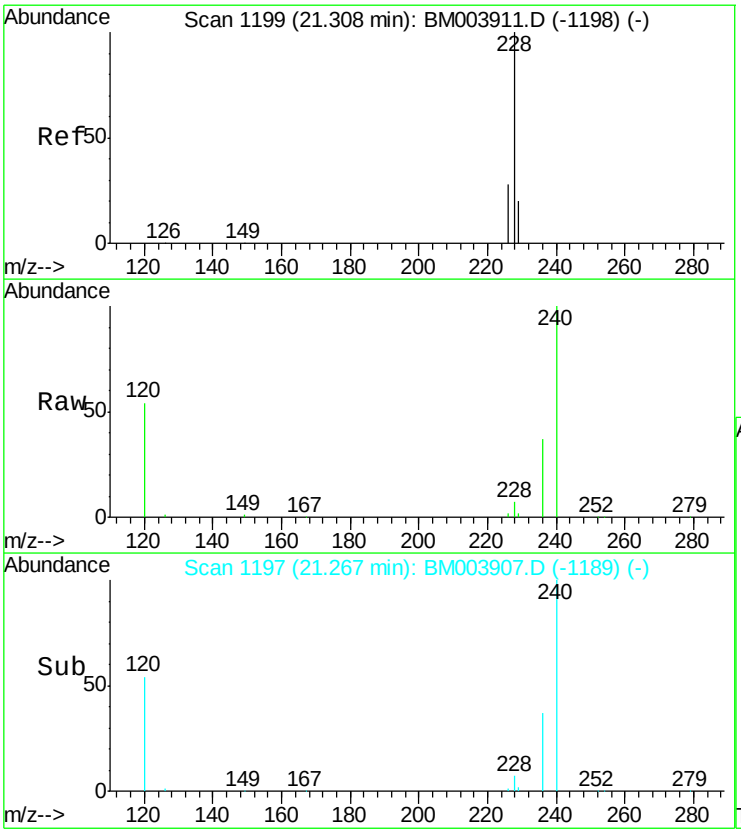
#31
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 1158

Ion	Ratio	Lower	Upper
252	100		
254	60.0	52.6	79.0
126	26.0	3.7	5.5#

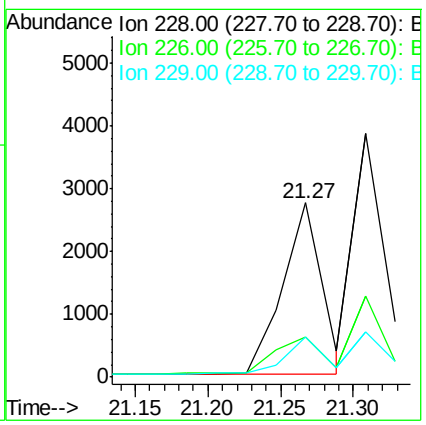


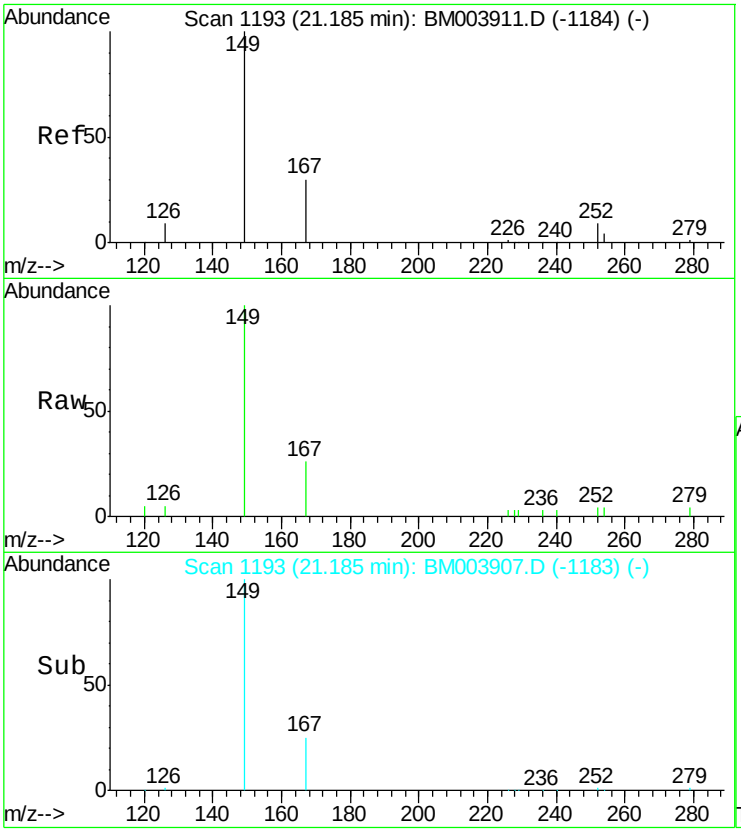


#32
Chrysene
Concen: 0.11 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:228 Resp: 5045

Ion	Ratio	Lower	Upper
228	100		
226	23.1	25.3	37.9#
229	23.4	14.5	21.7#



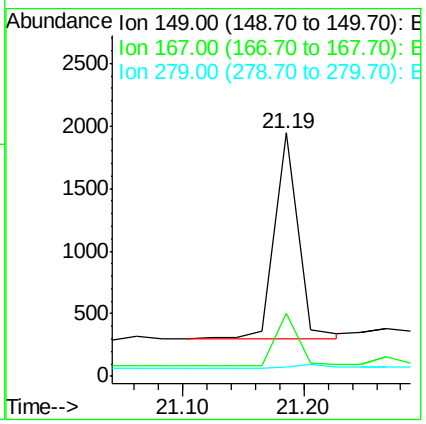


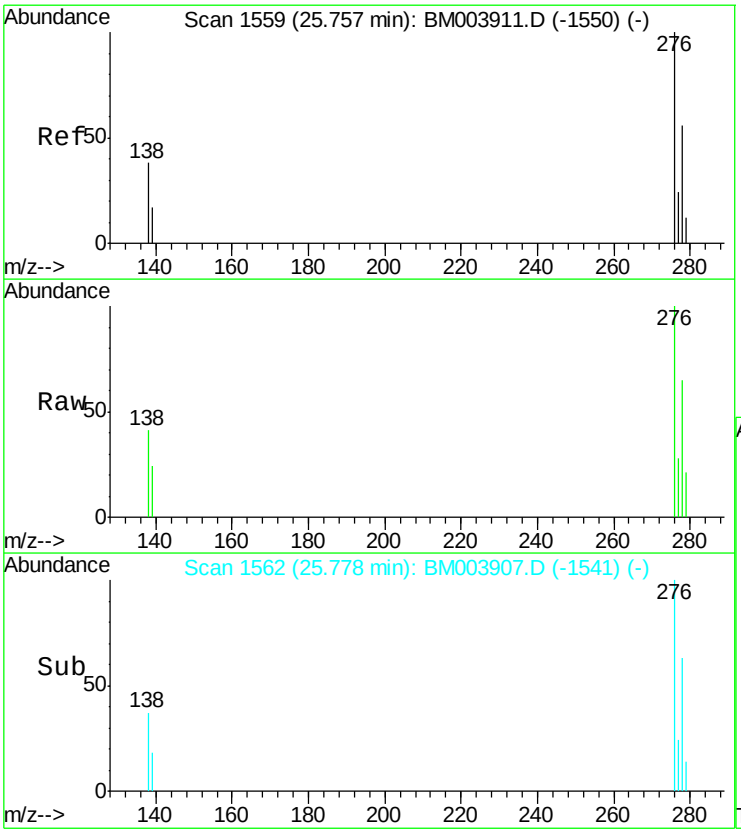
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 2251

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.1	30.1
279	0.0	0.0	0.0

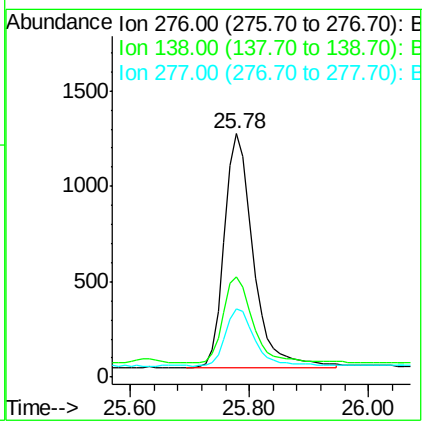


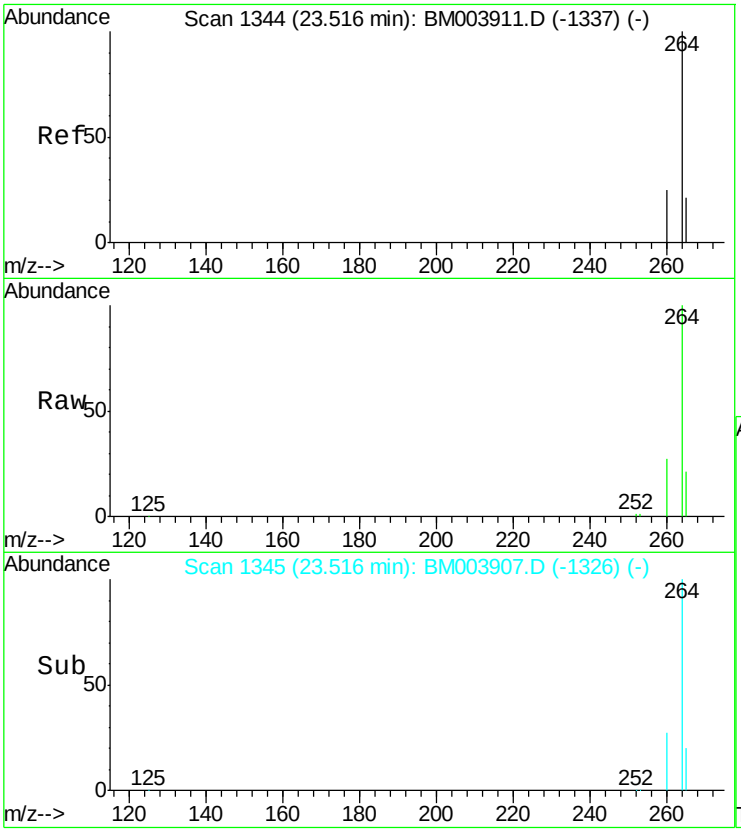


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:276 Resp: 4104

Ion	Ratio	Lower	Upper
276	100		
138	37.9	30.2	45.2
277	24.8	19.8	29.8



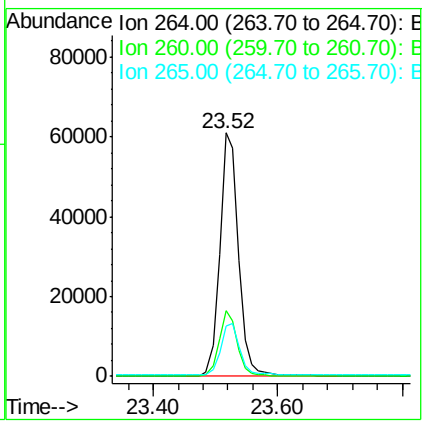


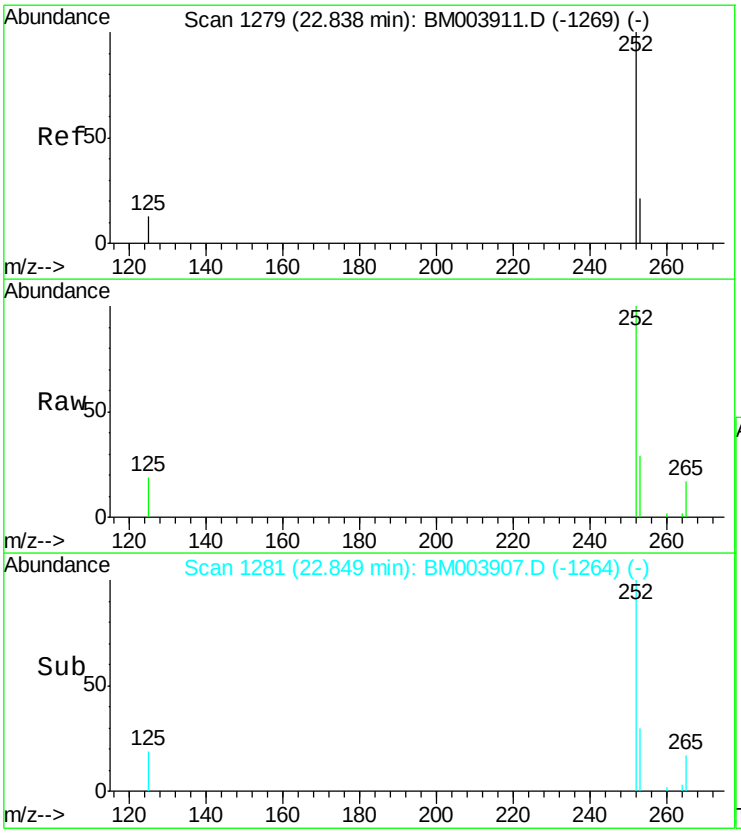
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 127108

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	20.6	16.7	25.1

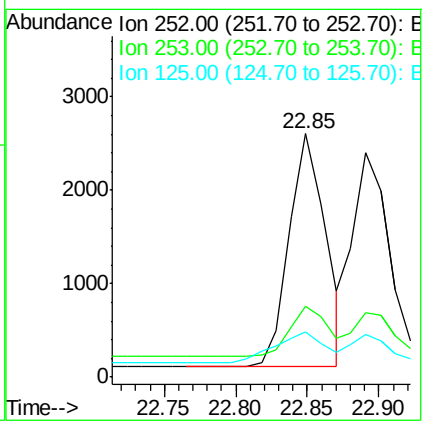


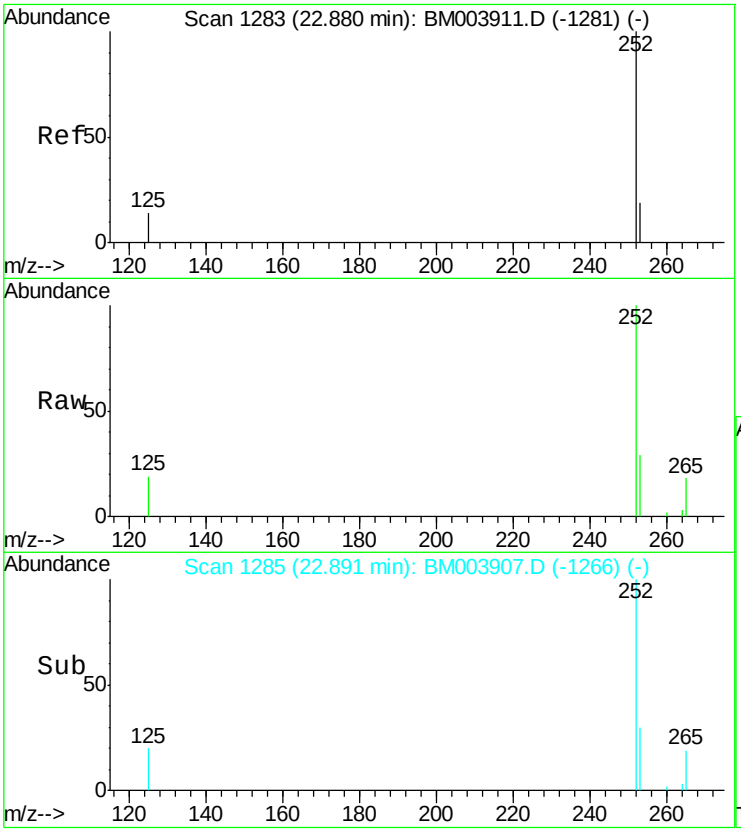


#36
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 22.85 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:252 Resp: 4430

Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.8	28.2#
125	18.6	10.2	15.4#



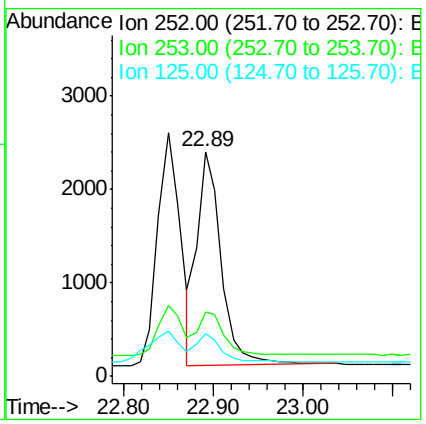


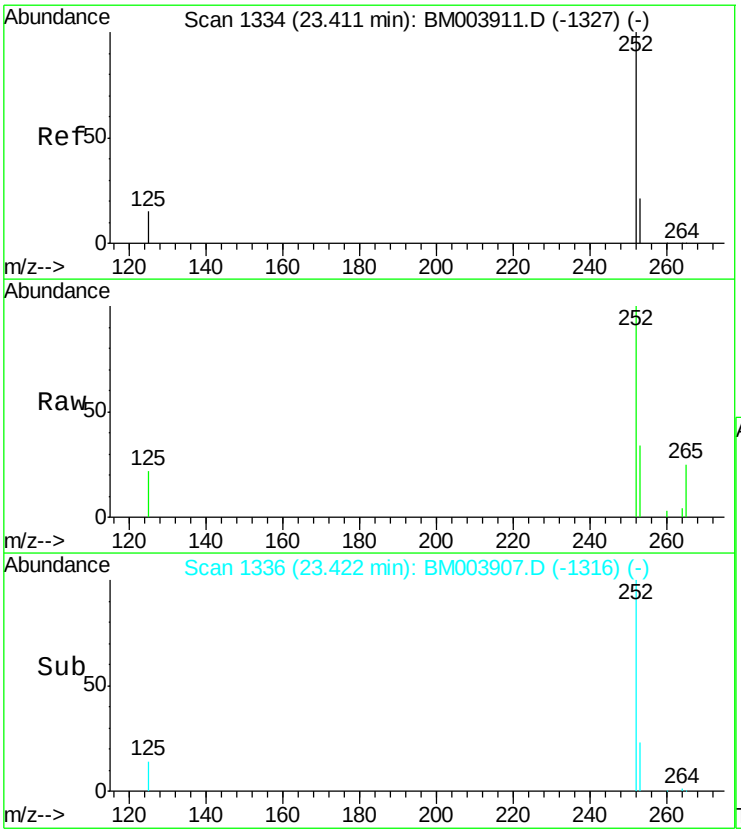
#37
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.89 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4315

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.3	27.5#
125	19.2	10.6	15.8#

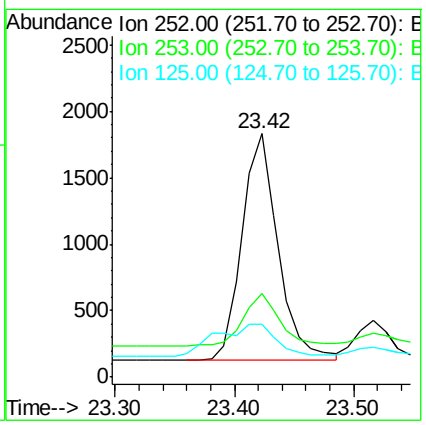


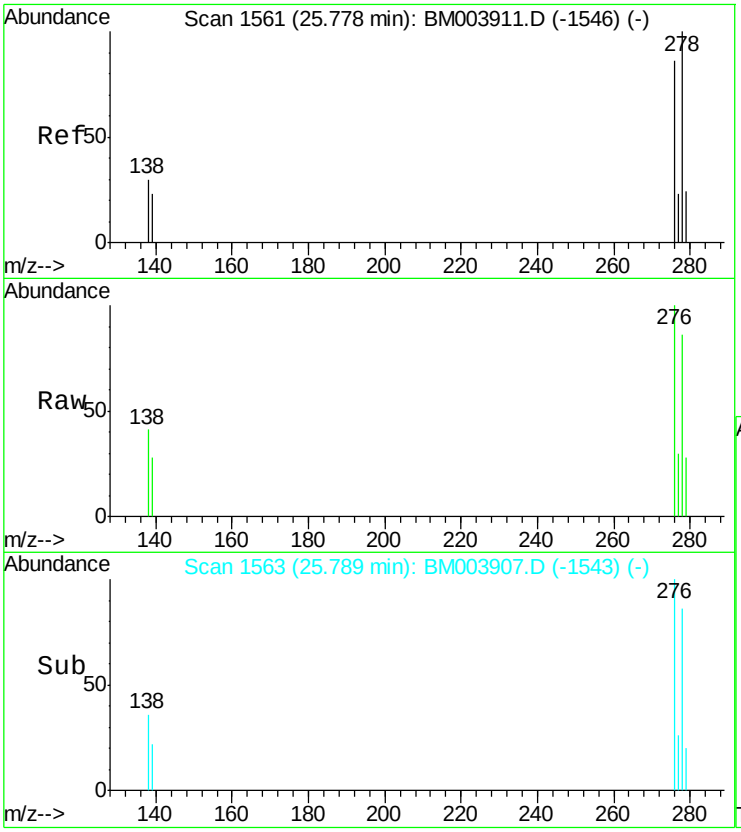


#38
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.42 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:252 Resp: 3595

Ion	Ratio	Lower	Upper
252	100		
253	34.1	18.7	28.1#
125	21.9	11.8	17.8#



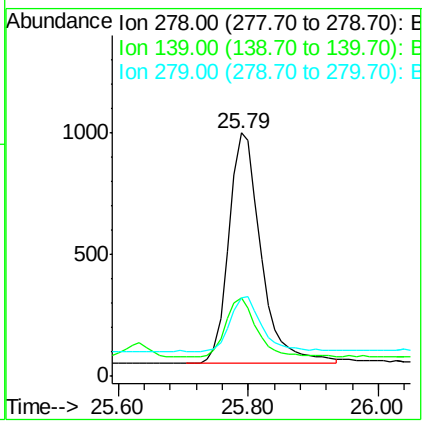


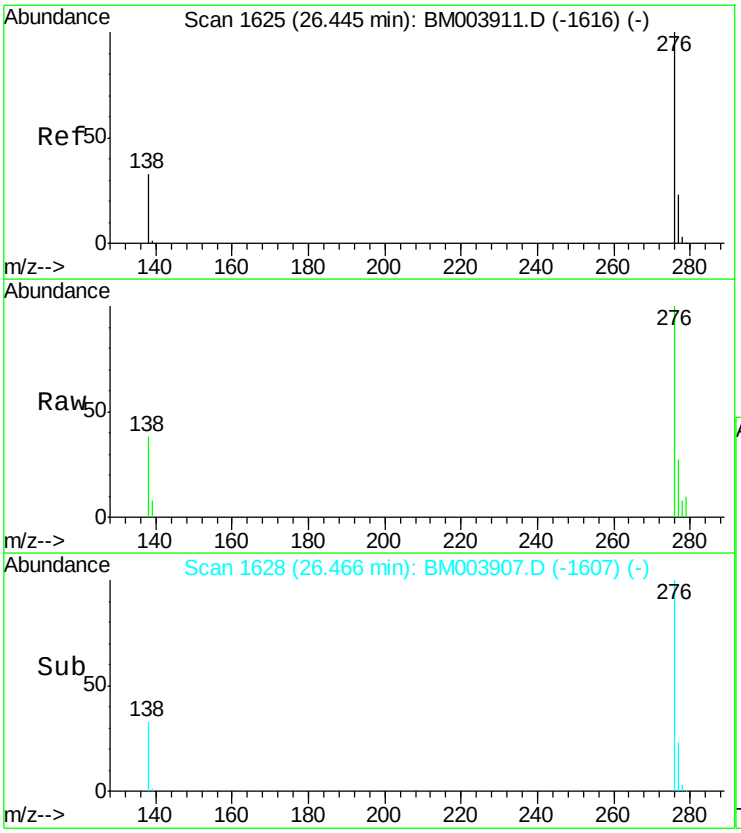
#39
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 25.79 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 3240

Ion	Ratio	Lower	Upper
278	100		
139	32.3	19.0	28.6#
279	32.2	19.6	29.4#





#40
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.47 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BM003907.D
Acq: 31 Dec 2015 10:46

Tgt Ion:276 Resp: 3581

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.1	28.7
138	38.1	25.0	37.4#