Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003914.D
Acq On : 31 Dec 2015 14:57
Operator : SJ/UM
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Dec 31 15:31:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	74766	5.00	ng		0.00
7) Naphthalene-d8	10.46	136	319958	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	162731	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	379139	5.00	ng		0.00
26) Chrysene-d12	21.27	240	209393	5.00	ng		0.00
35) Perylene-d12	23.52	264	169007	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	159754	10.51	ng		0.00
5) Phenol-d6	6.85	99	211321	11.49	ng		0.00
8) Nitrobenzene-d5	8.83	82	184680	12.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	50277	14.01	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	502952	9.53	ng		0.00
29) Terphenyl-d14	19.71	244	361475	10.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	62244	8.48	ng		96
3) n-Nitrosodimethylamine	3.48	42	80822	10.52	ng		100
6) bis(2-Chloroethyl)ether	7.09	93	174993	10.25	ng		99
9) Nitrobenzene	8.87	77	202950	12.28	ng		96
10) Naphthalene	10.49	128	658824	9.33	ng		99
11) Hexachlorobutadiene	10.78	225	103779	9.67	ng		99
12) 2-Methylnaphthalene	12.12	142	461729	9.72	ng	#	90
16) Acenaphthylene	14.04	152	749676	11.21	ng		99
17) Acenaphthene	14.37	154	444557	9.29	ng		96
18) Fluorene	15.37	166	553333	9.77	ng		98
20) 4-Bromophenyl-phenylether	16.27	248	112255	9.52	ng	#	54
21) Hexachlorobenzene	16.40	284	116670	9.27	ng	#	48
22) Pentachlorophenol	16.73	266	66158	23.61	ng	#	84
23) Phenanthrene	17.11	178	689012	8.61	ng		98
24) Anthracene	17.19	178	842753	11.21	ng		97
25) Fluoranthene	19.14	202	799388	9.40	ng		99
27) Benzidine	19.33	184	335520	22.06	ng		96
28) Pyrene	19.50	202	823112	11.10	ng		100
30) Benzo(a)anthracene	21.25	228	596644	10.03	ng	#	80
31) 3,3'-Dichlorobenzidine	21.21	252	196836	13.62	ng	#	88
32) Chrysene	21.31	228	618633	10.01	ng		95
33) Bis(2-ethylhexyl)phthalate	21.19	149	384723	15.64	ng	#	91
34) Indeno(1,2,3-cd)pyrene	25.76	276	503240	11.60	ng		100
36) Benzo(b)fluoranthene	22.84	252	496792	9.57	ng		97
37) Benzo(k)fluoranthene	22.88	252	485885	9.67	ng		97
38) Benzo(a)pyrene	23.41	252	457346	10.46	ng		97
39) Dibenzo(a,h)anthracene	25.77	278	401698	10.81	ng		95
40) Benzo(g,h,i)perylene	26.44	276	418442	10.61	ng		97

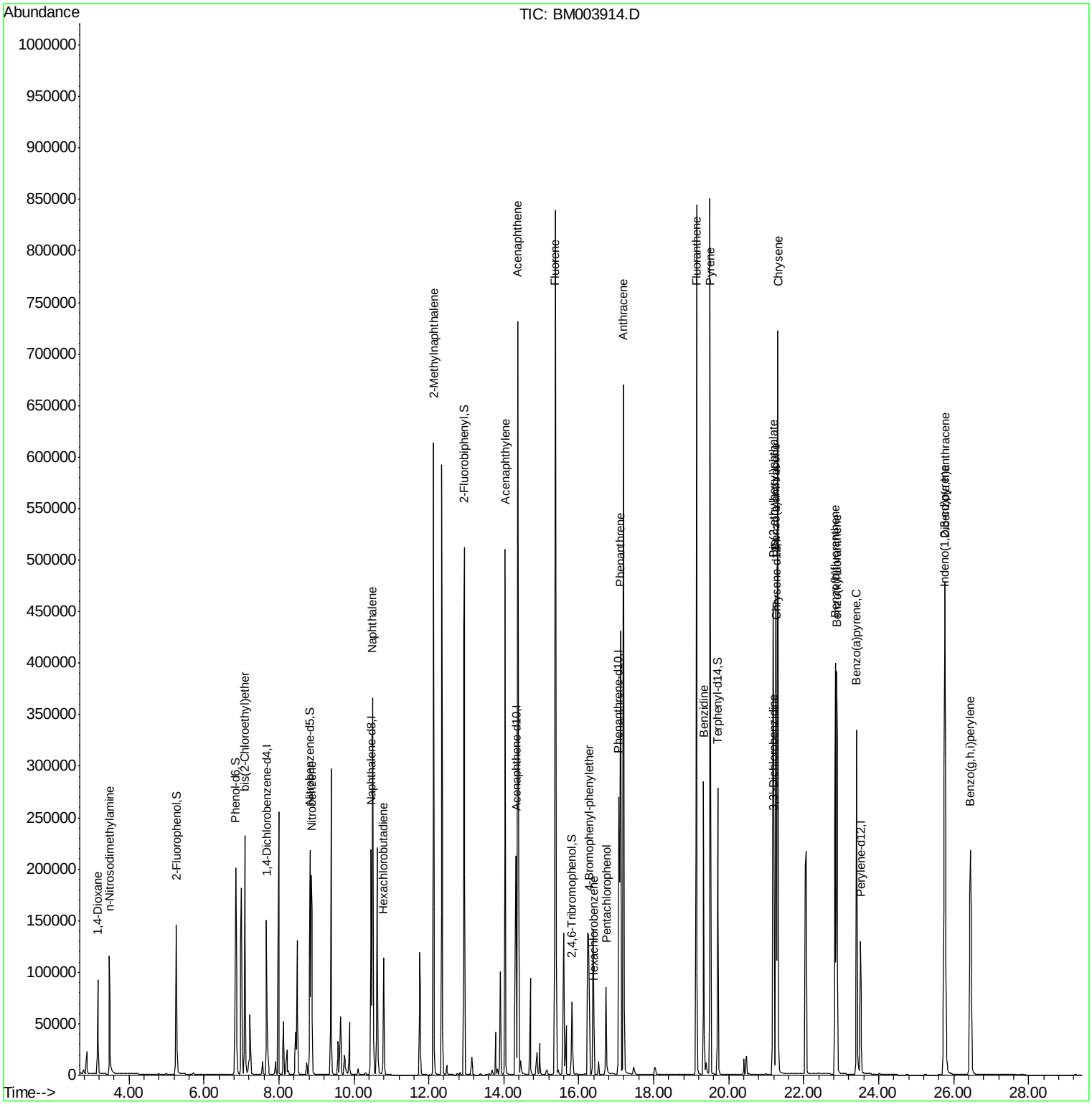
(#) = qualifier out of range (m) = manual integration (+) = signals summed

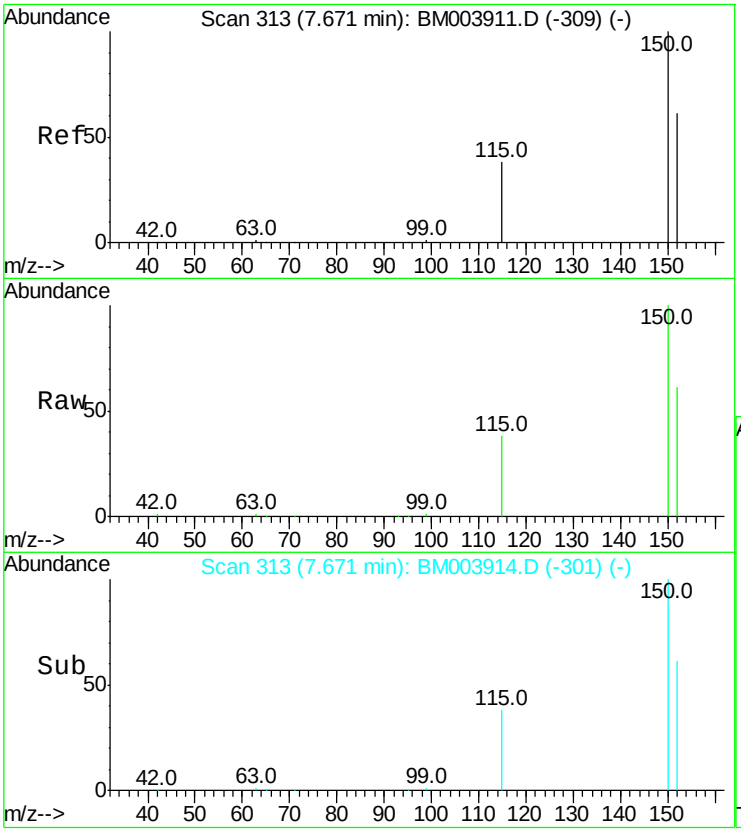
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003914.D
Acq On : 31 Dec 2015 14:57
Operator : SJ/UM
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Dec 31 15:31:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:10:42 2015
Response via : Initial Calibration



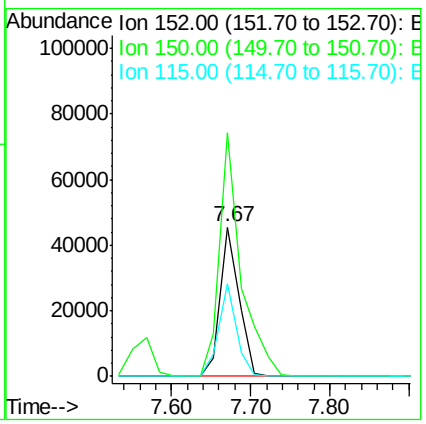


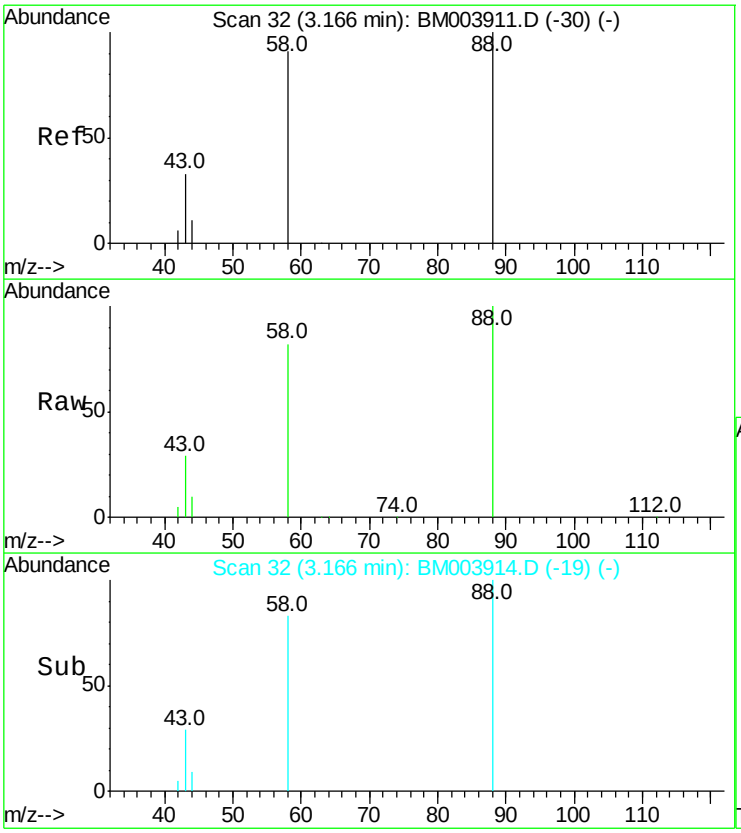
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 74766

Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.9	184.3
115	62.0	44.4	66.6

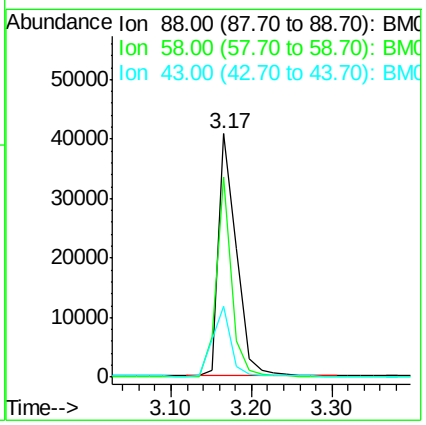


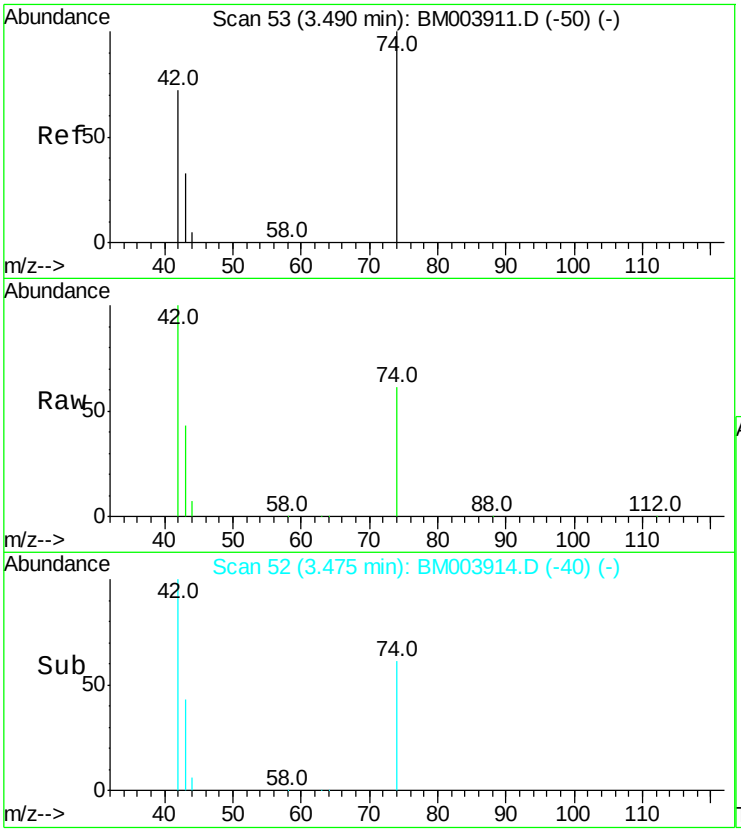


#2
1,4-Dioxane
Concen: 8.48 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion: 88 Resp: 62244

Ion	Ratio	Lower	Upper
88	100		
58	72.2	53.8	80.6
43	30.0	23.8	35.6



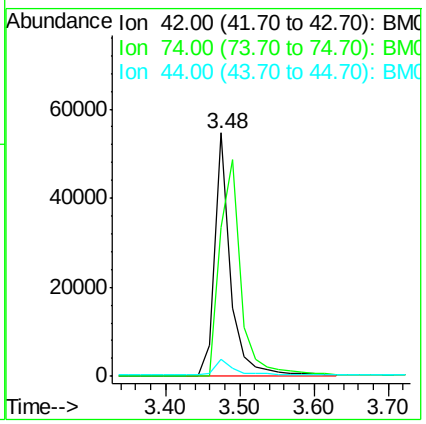


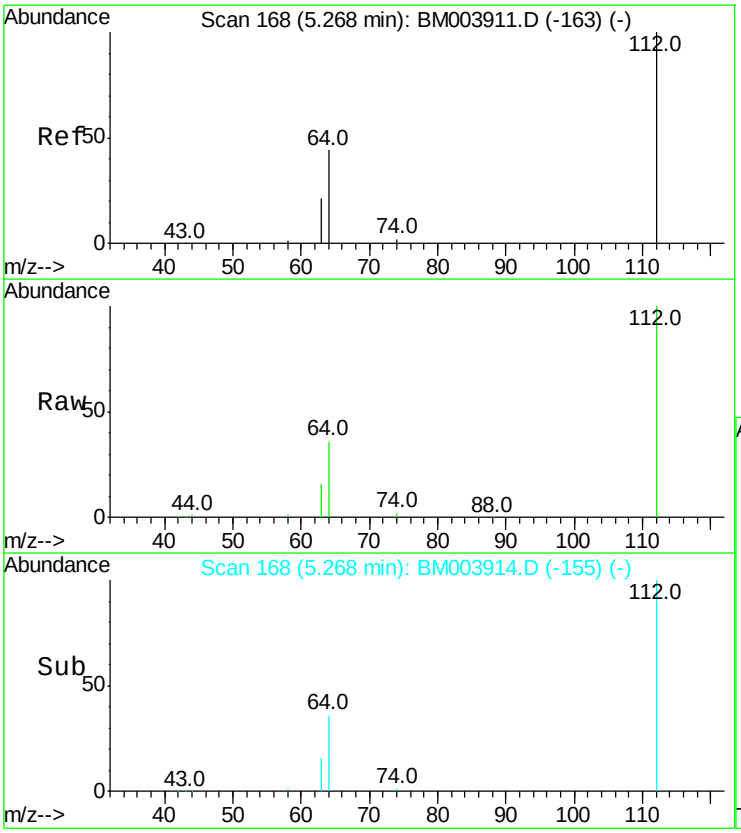
#3
n-Nitrosodimethylamine
Concen: 10.52 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 80822

Ion	Ratio	Lower	Upper
42	100		
74	119.0	95.0	142.4
44	6.4	5.1	7.7

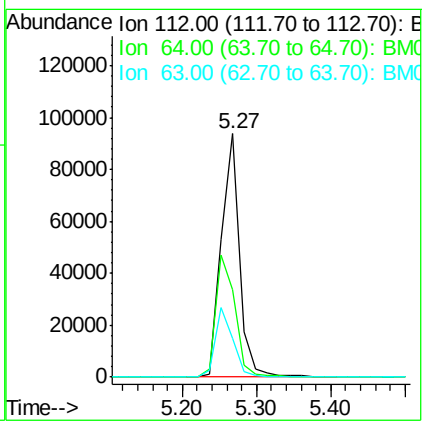


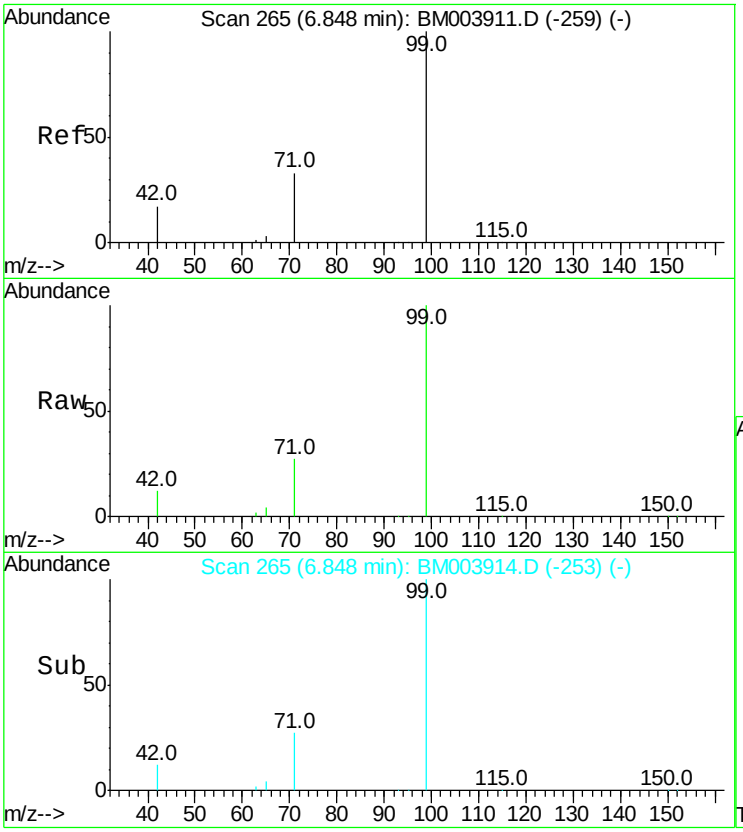


#4
2-Fluorophenol
Concen: 10.51 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:112 Resp: 159754

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.8	62.8
63	27.8	22.1	33.1



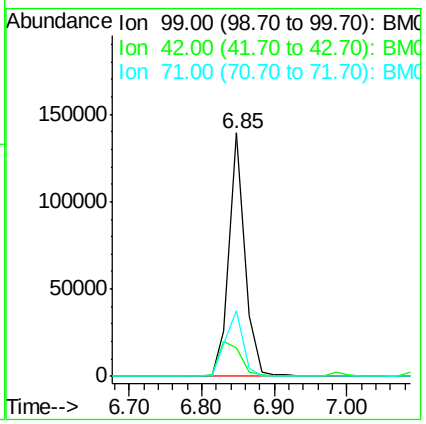


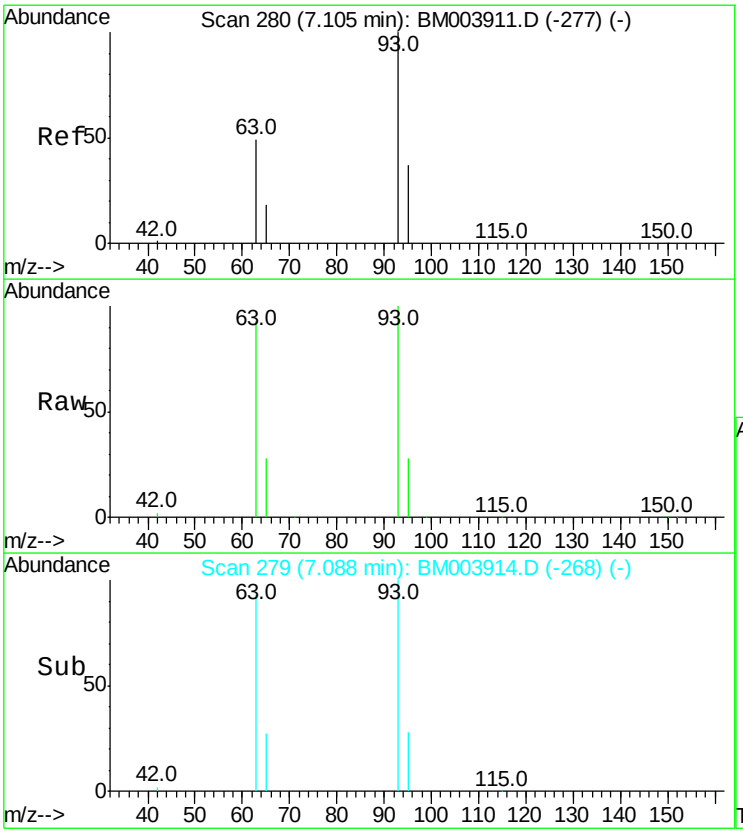
#5
Phenol-d6
Concen: 11.49 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 211321

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	30.2	24.4	36.6

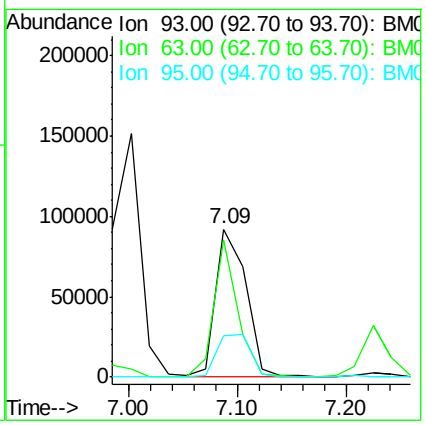


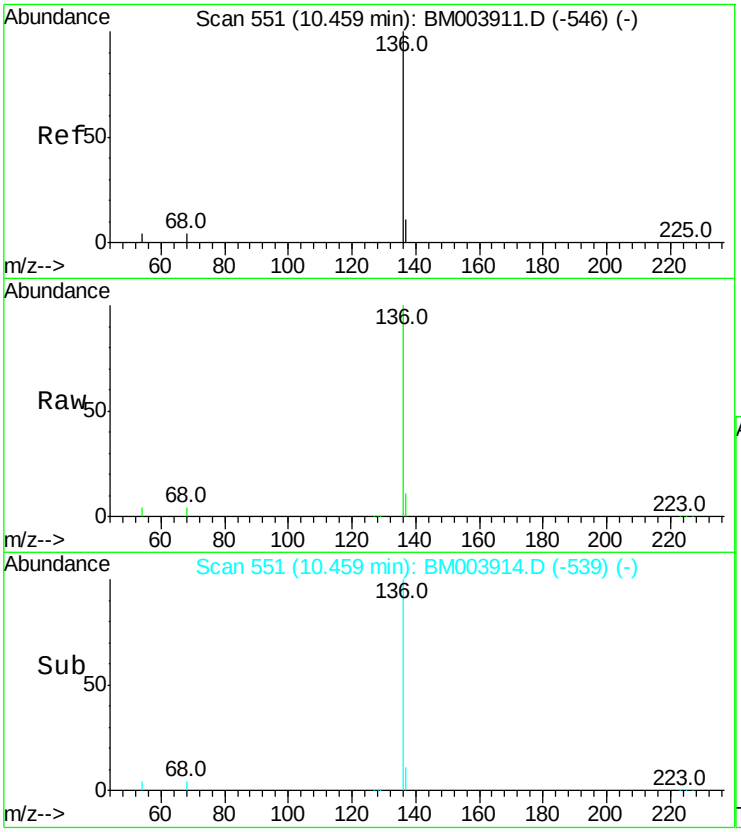


#6
bis(2-Chloroethyl)ether
Concen: 10.25 ng
RT: 7.09 min Scan# 279
Delta R.T. -0.02 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion: 93 Resp: 174993

Ion	Ratio	Lower	Upper
93	100		
63	73.7	58.3	87.5
95	32.7	25.8	38.8



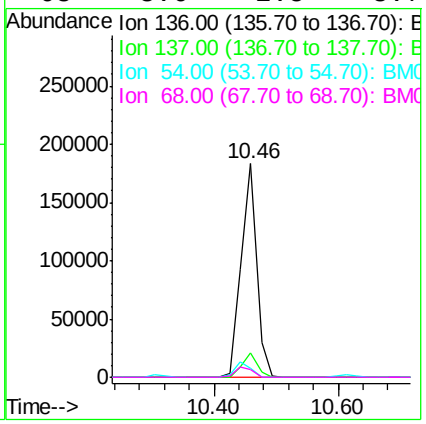


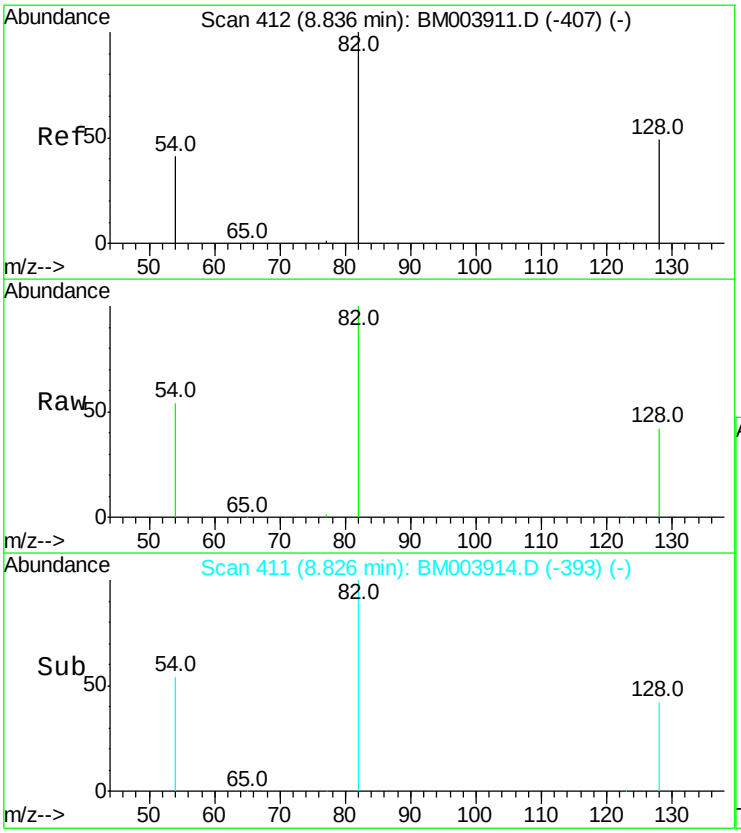
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 319958

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.3	2.8	4.2#
68	3.6	2.5	3.7

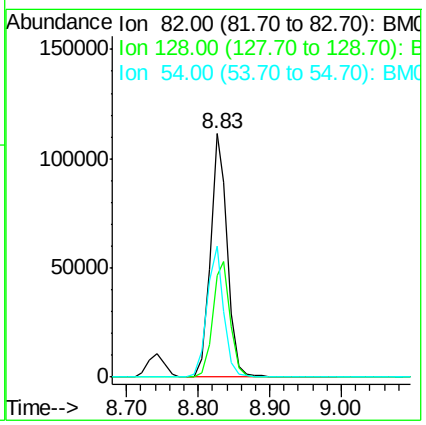


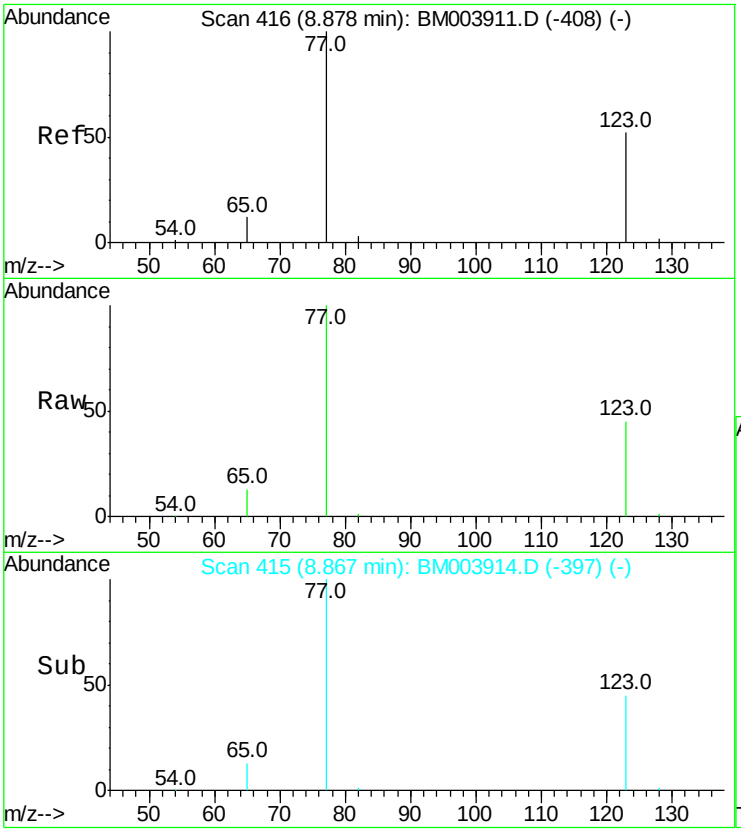


#8
Nitrobenzene-d5
Concen: 12.04 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion: 82 Resp: 184680

Ion	Ratio	Lower	Upper
82	100		
128	41.9	39.1	58.7
54	53.5	34.8	52.2#



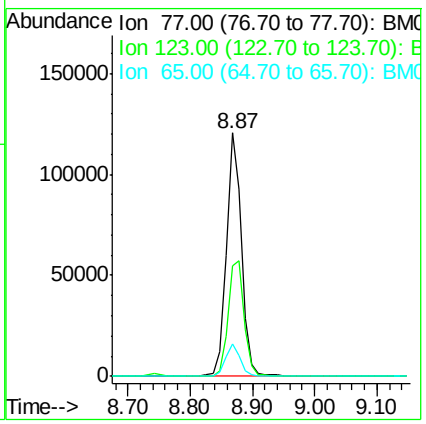


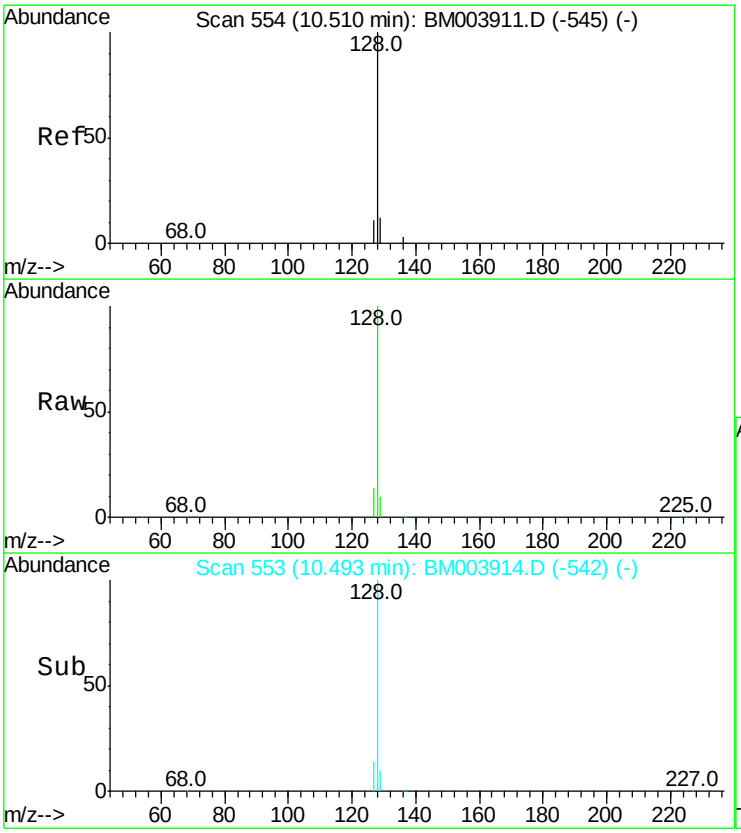
#9
Nitrobenzene
Concen: 12.28 ng
RT: 8.87 min Scan# 415
Delta R.T. -0.01 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 202950

Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.6	57.8
65	13.1	9.9	14.9

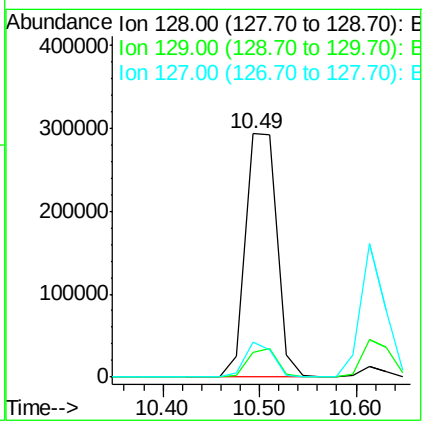


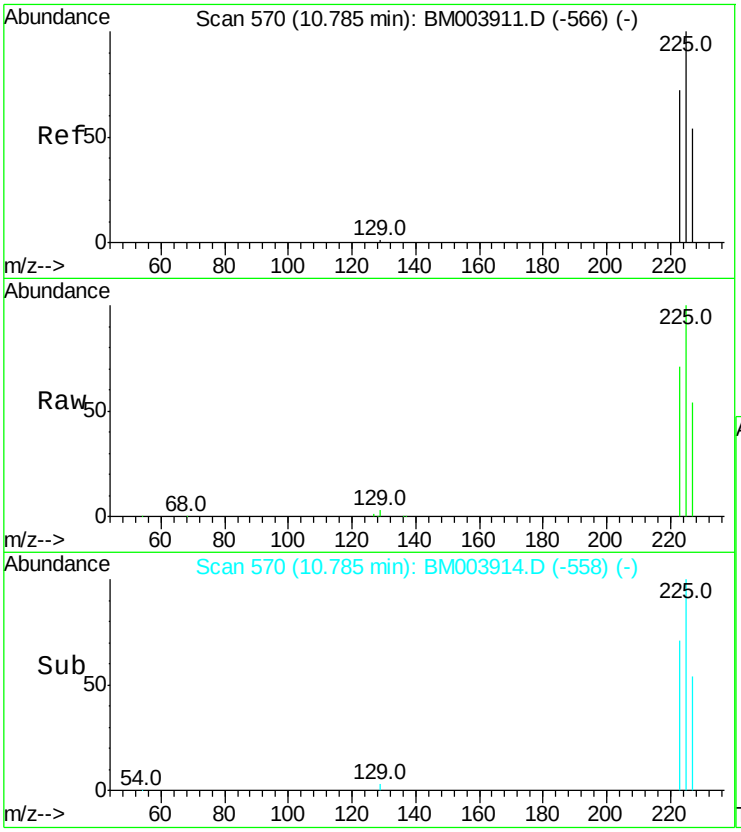


#10
Naphthalene
Concen: 9.33 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.02 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:128 Resp: 658824

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.5	12.7
127	14.3	11.0	16.4



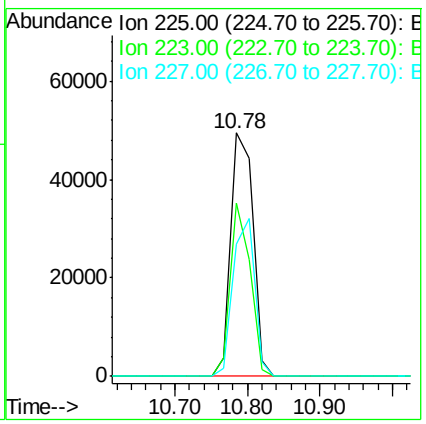


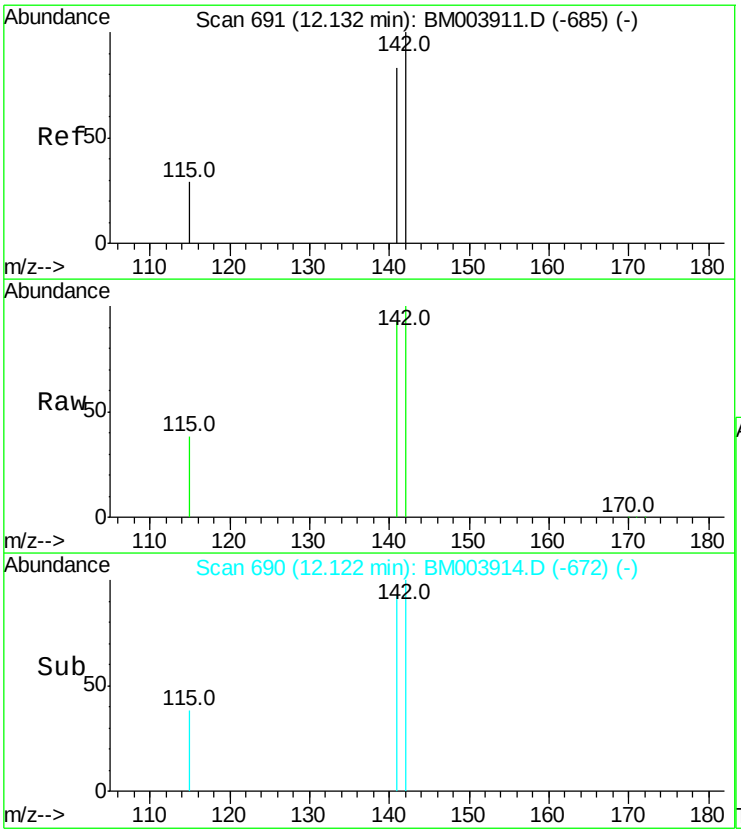
#11
Hexachlorobutadiene
Concen: 9.67 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 103779

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	63.0	51.2	76.8

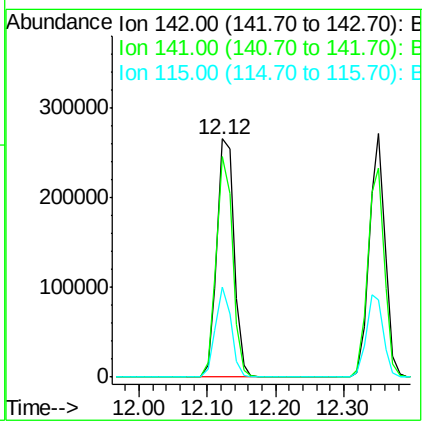


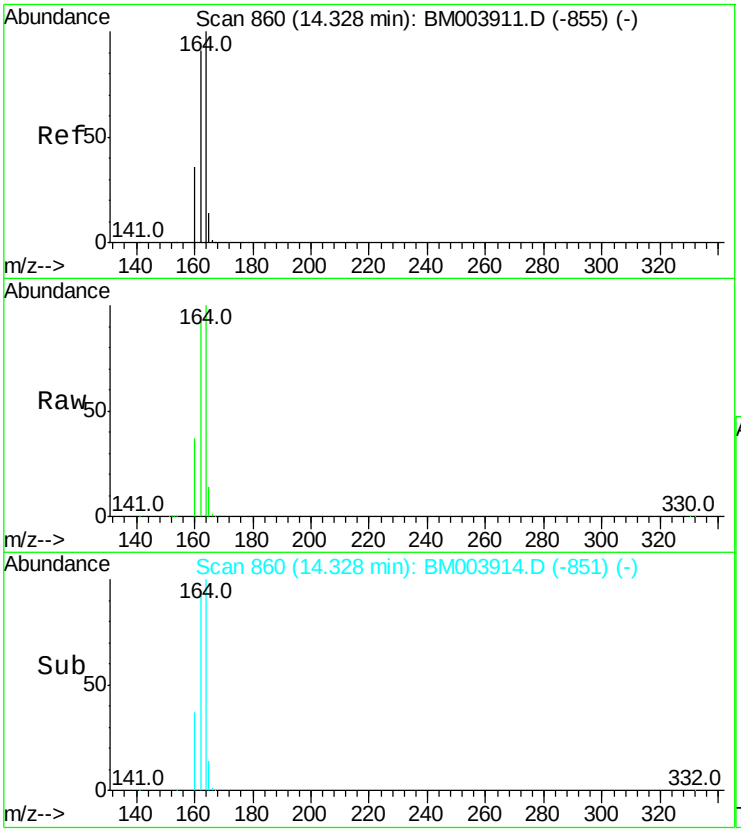


#12
2-Methylnaphthalene
Concen: 9.72 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:142 Resp: 461729

Ion	Ratio	Lower	Upper
142	100		
141	92.8	67.8	101.8
115	38.0	25.3	37.9#



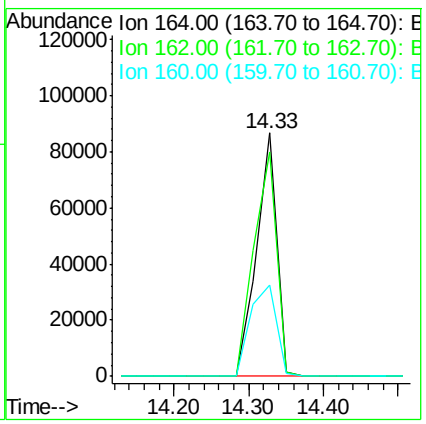


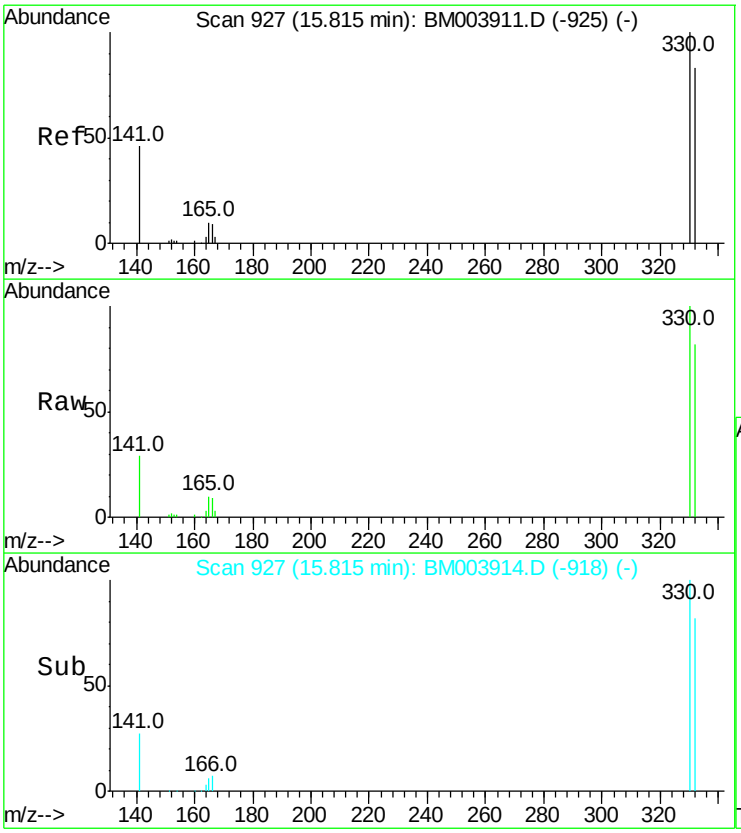
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 162731

Ion	Ratio	Lower	Upper
164	100		
162	92.4	86.0	129.0
160	37.2	40.3	60.5#

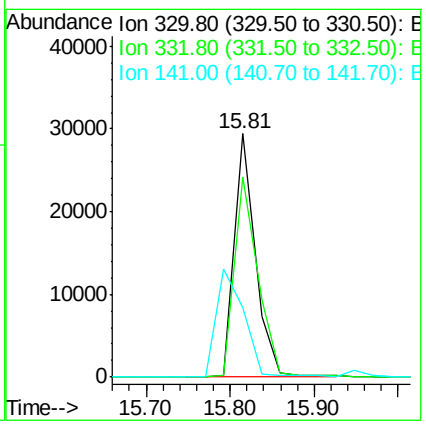


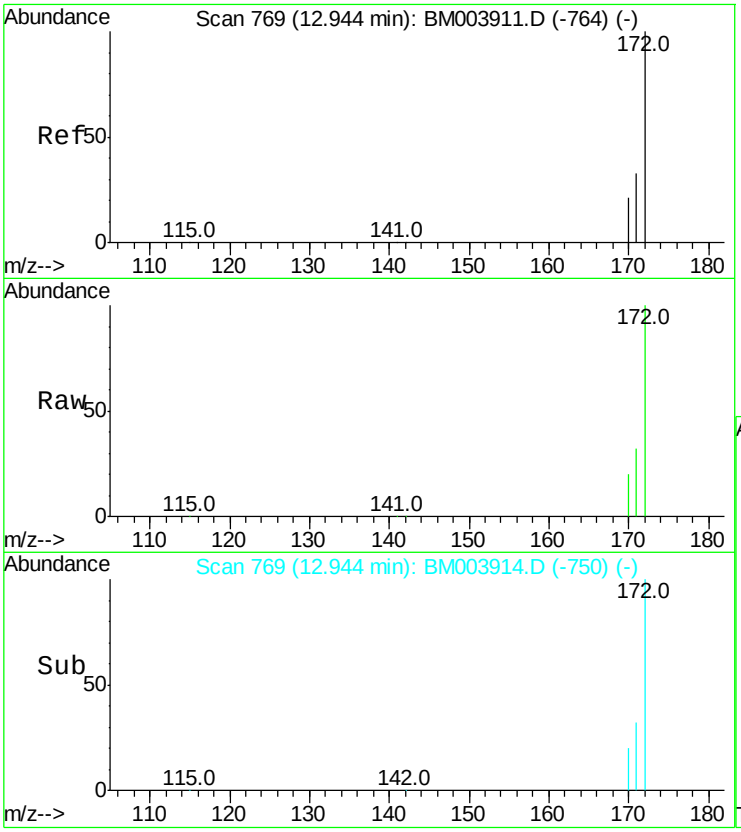


#14
2,4,6-Tribromophenol
Concen: 14.01 ng
RT: 15.81 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:330 Resp: 50277

Ion	Ratio	Lower	Upper
330	100		
332	90.9	79.0	118.4
141	0.0	0.0	0.0



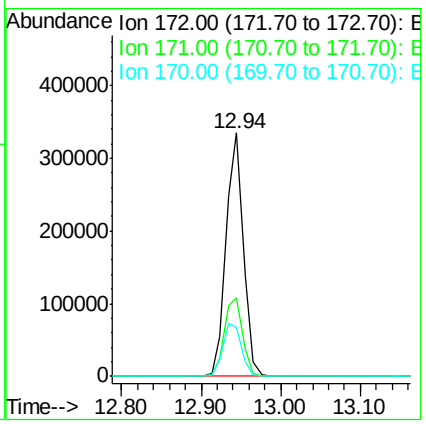


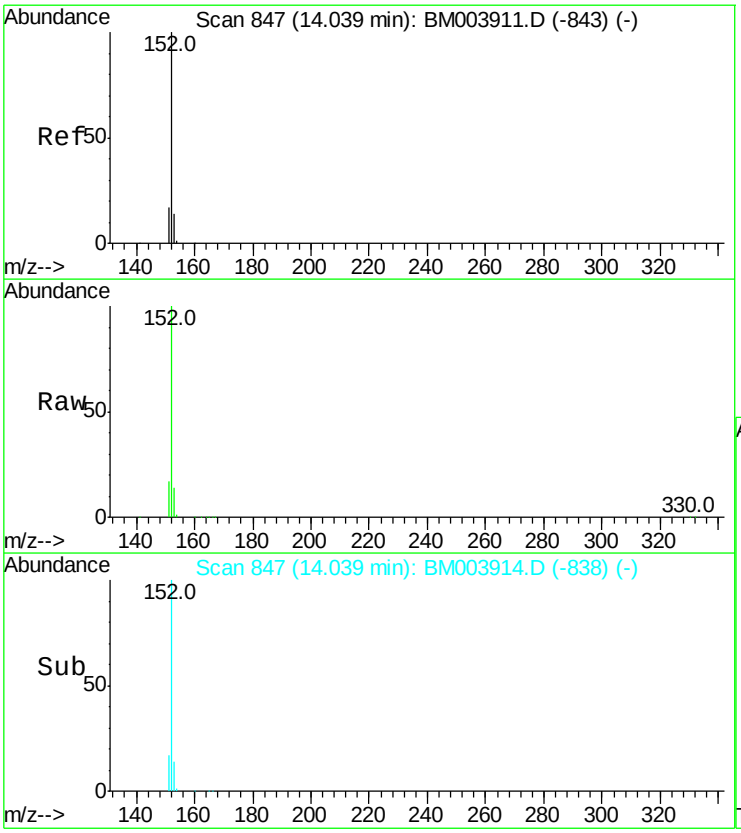
#15
2-Fluorobiphenyl
Concen: 9.53 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 502952

Ion	Ratio	Lower	Upper
172	100		
171	32.4	27.0	40.6
170	20.2	17.9	26.9

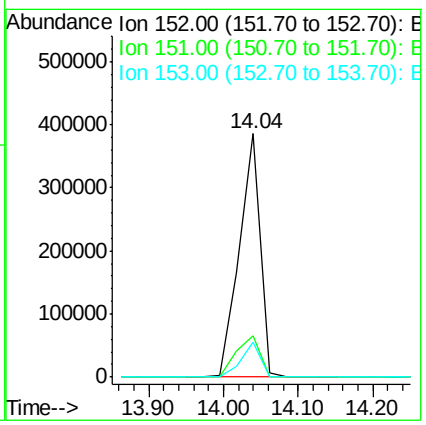


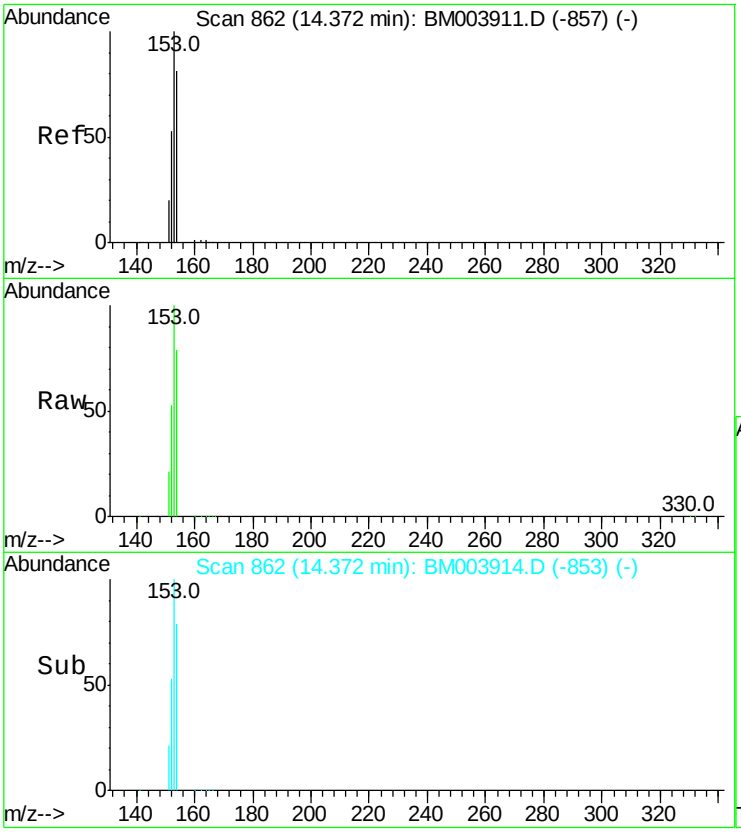


#16
Acenaphthylene
Concen: 11.21 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:152 Resp: 749676

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.2	10.2	15.4



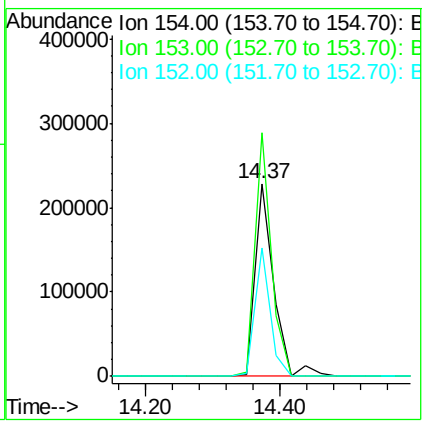


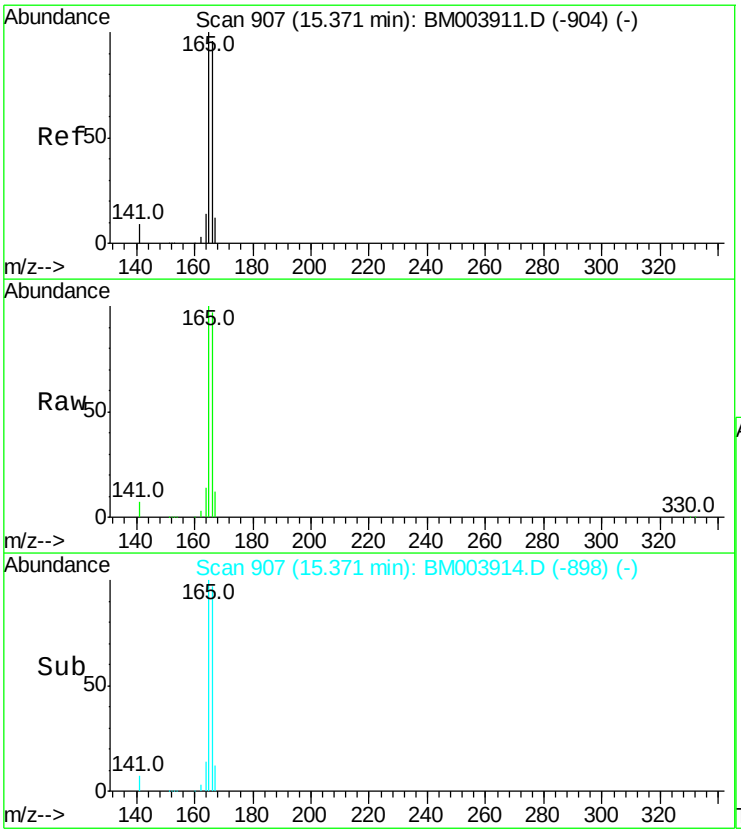
#17
Acenaphthene
Concen: 9.29 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 444557

Ion	Ratio	Lower	Upper
154	100		
153	109.6	85.4	128.2
152	54.5	40.6	60.8

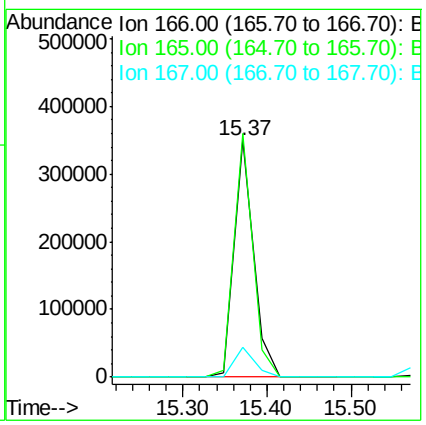


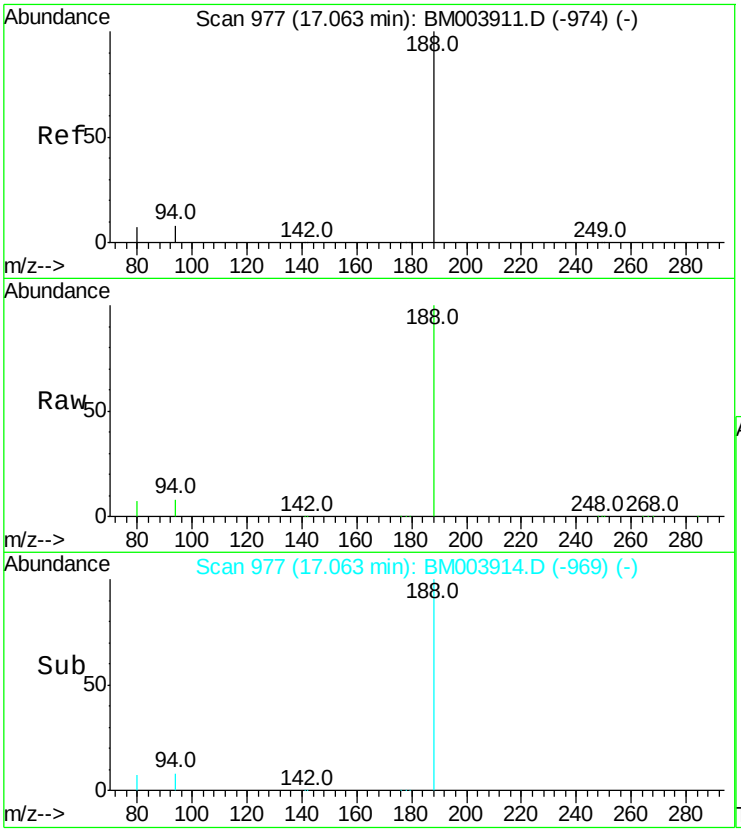


#18
Fluorene
Concen: 9.77 ng
RT: 15.37 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:166 Resp: 553333

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	13.2	11.0	16.6



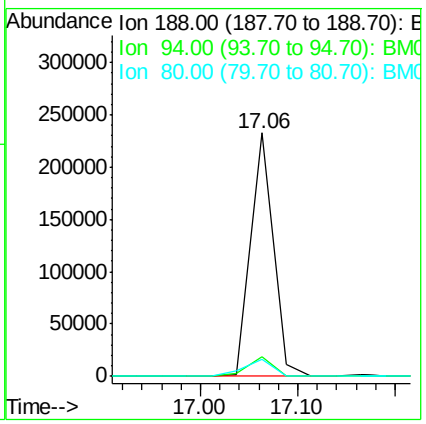


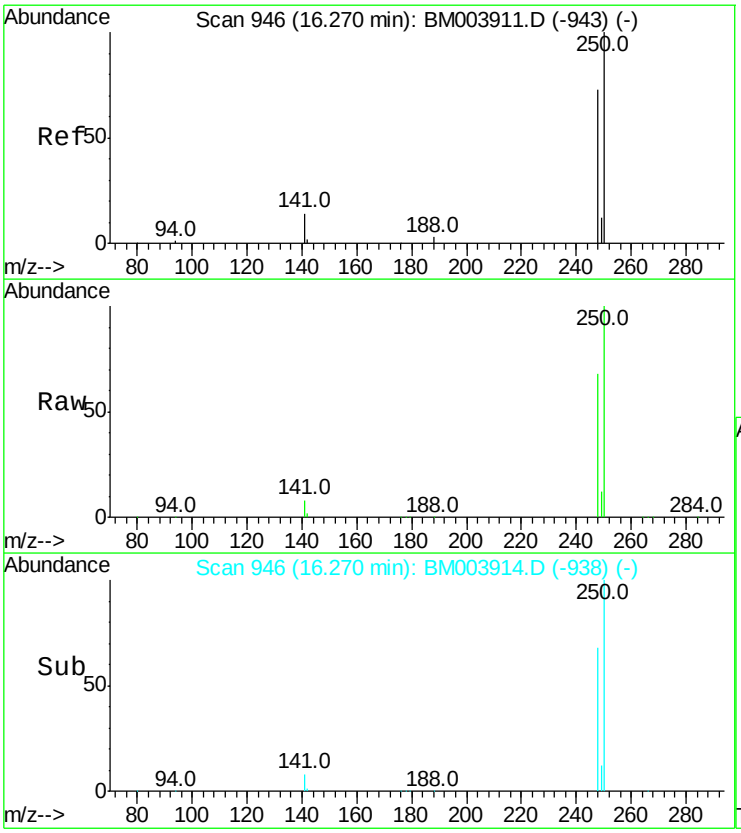
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 379139

Ion	Ratio	Lower	Upper
188	100		
94	7.9	20.3	30.5#
80	7.2	22.2	33.4#

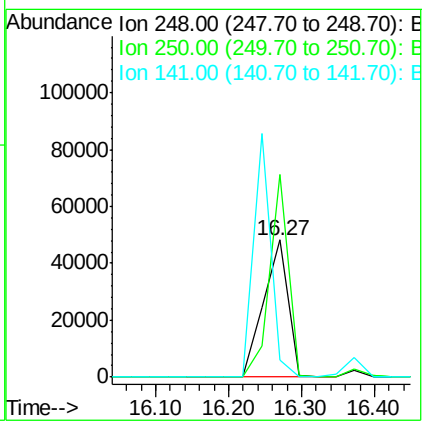


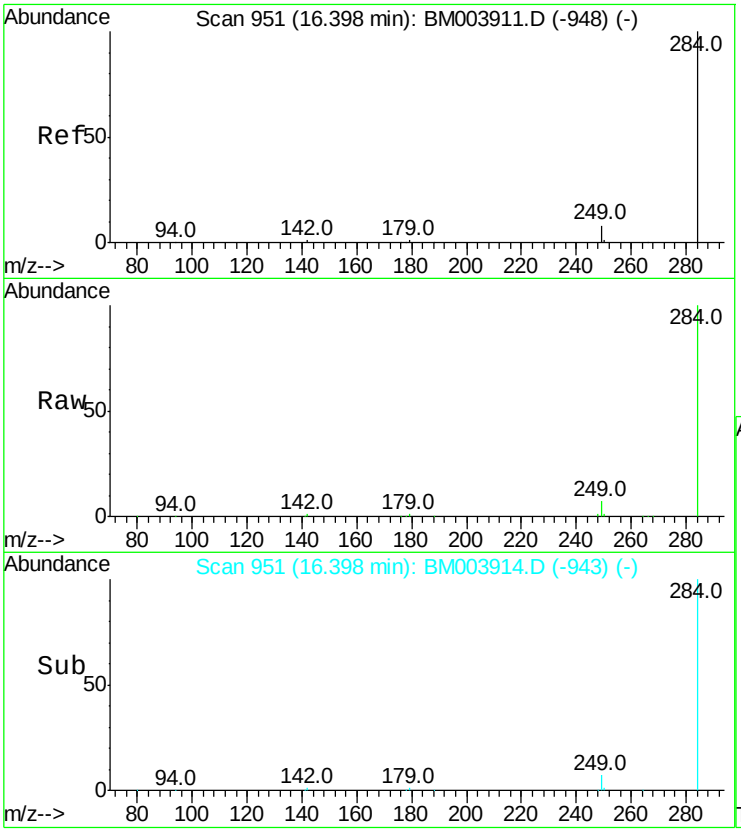


#20
4-Bromophenyl-phenylether
Concen: 9.52 ng
RT: 16.27 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:248 Resp: 112255

Ion	Ratio	Lower	Upper
248	100		
250	113.1	75.0	112.4#
141	0.0	53.0	79.4#



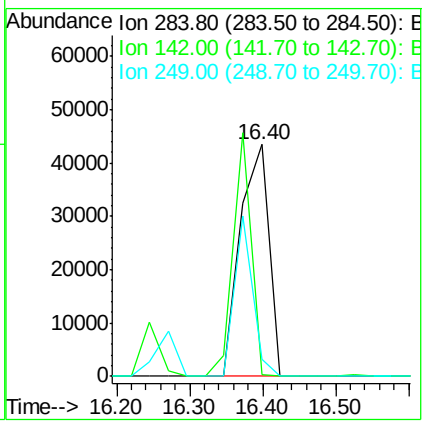


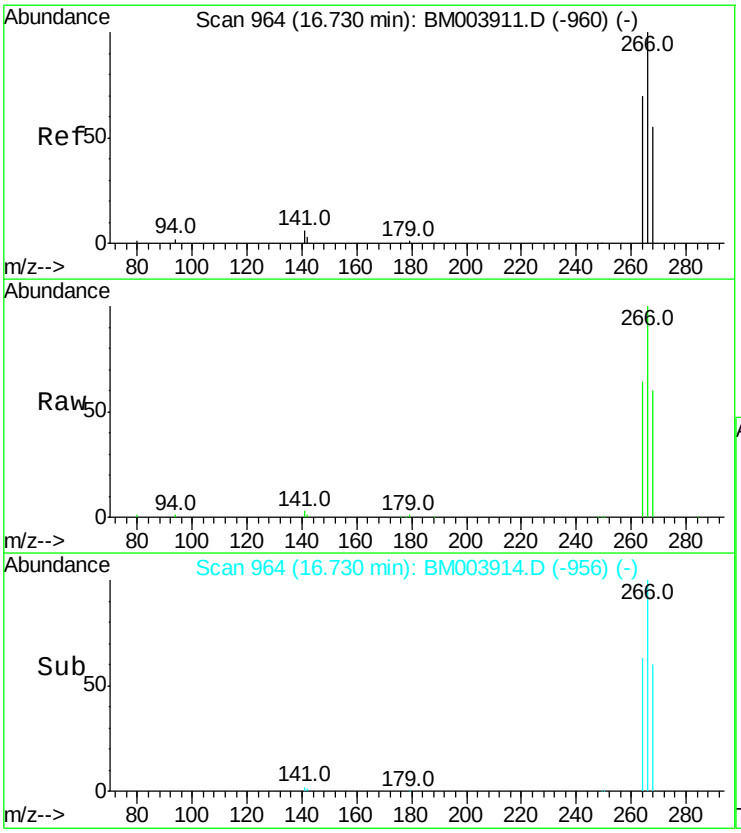
#21
Hexachlorobenzene
Concen: 9.27 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 116670

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

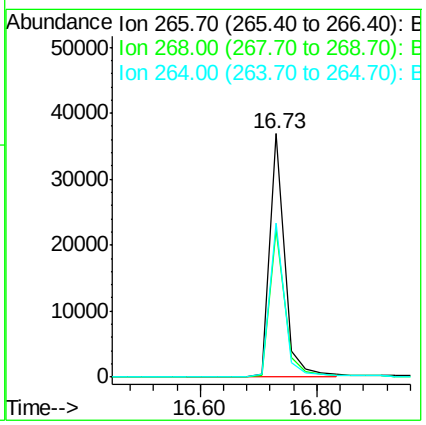


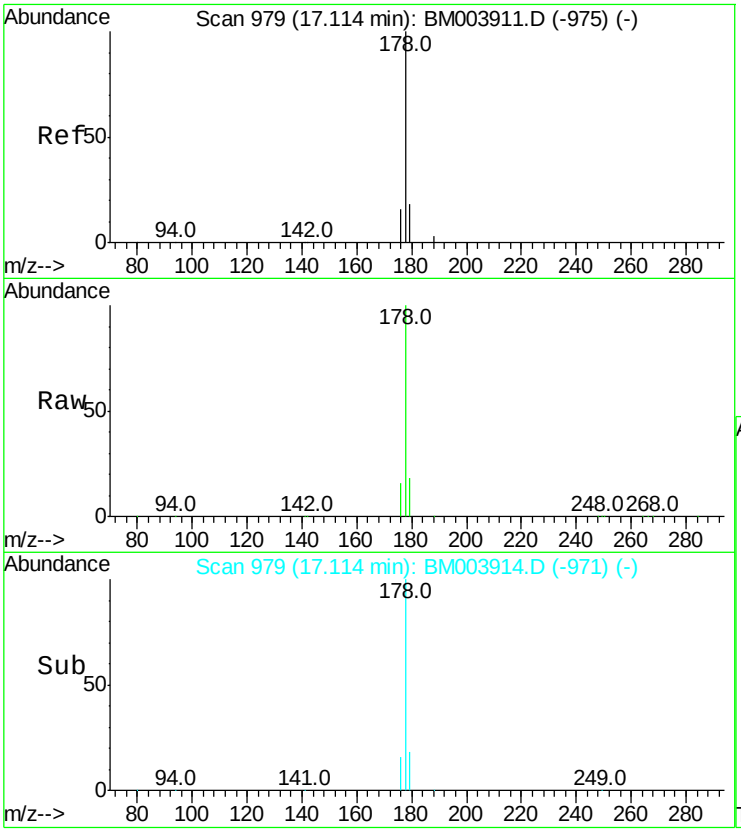


#22
Pentachlorophenol
Concen: 23.61 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:266 Resp: 66158

Ion	Ratio	Lower	Upper
266	100		
268	60.4	62.7	94.1#
264	63.5	45.7	68.5



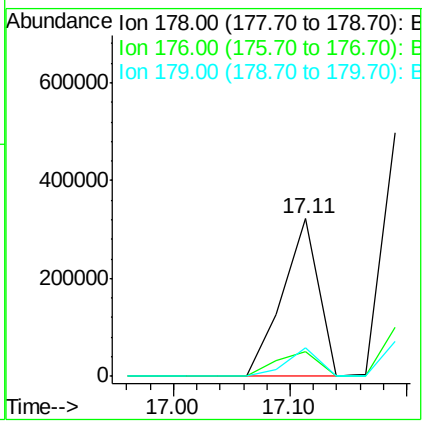


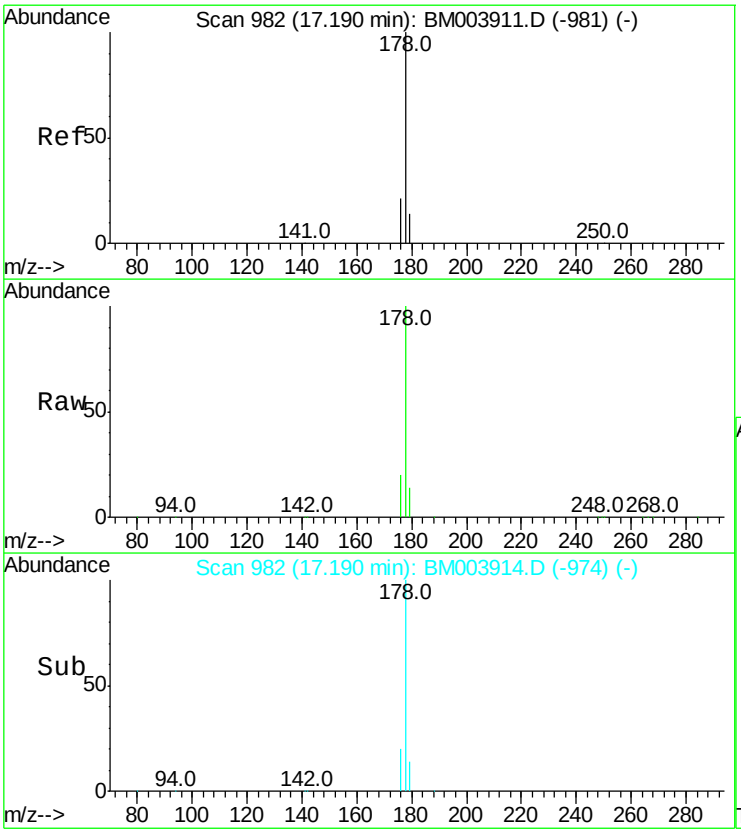
#23
Phenanthrene
Concen: 8.61 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 689012

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	16.2	12.2	18.4

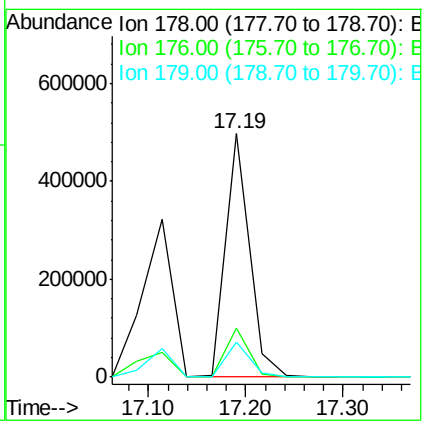


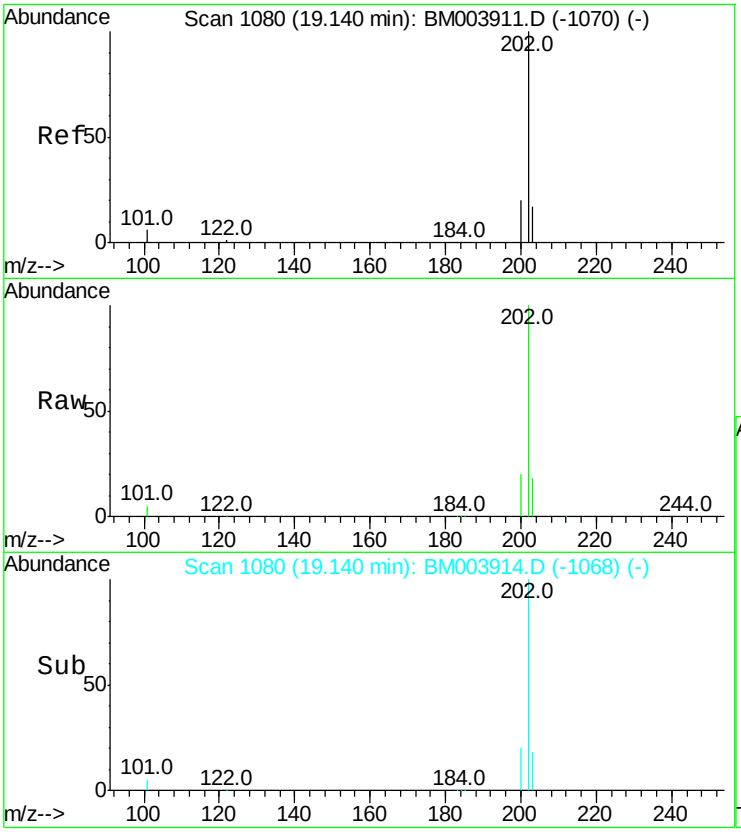


#24
Anthracene
Concen: 11.21 ng
RT: 17.19 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:178 Resp: 842753

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	14.7	12.6	19.0



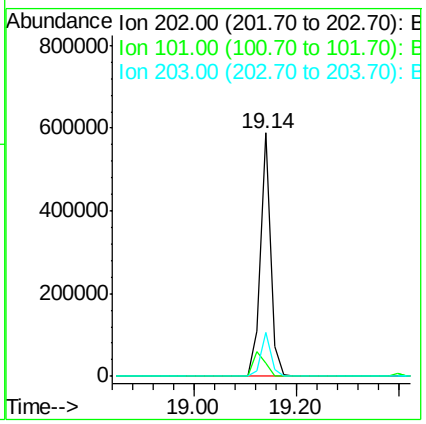


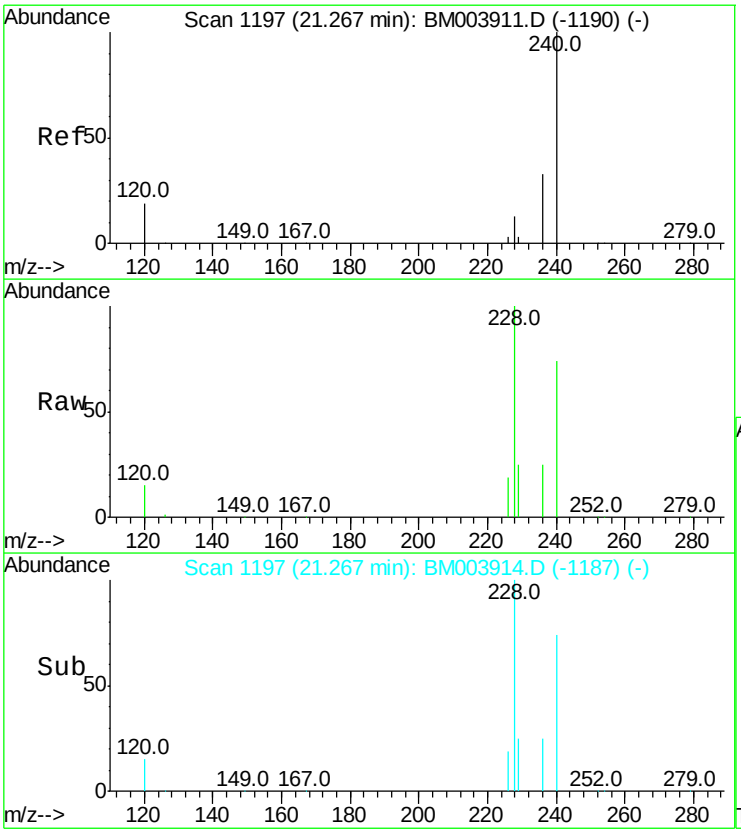
#25
Fluoranthene
Concen: 9.40 ng
RT: 19.14 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 799388

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.7	13.8	20.8

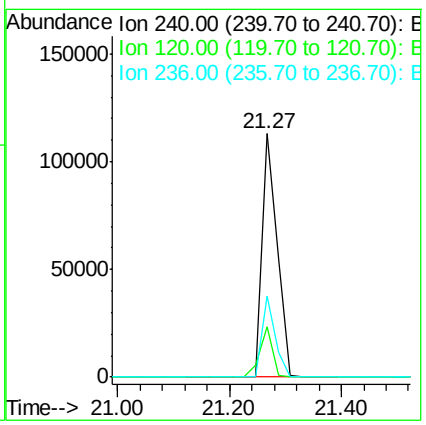


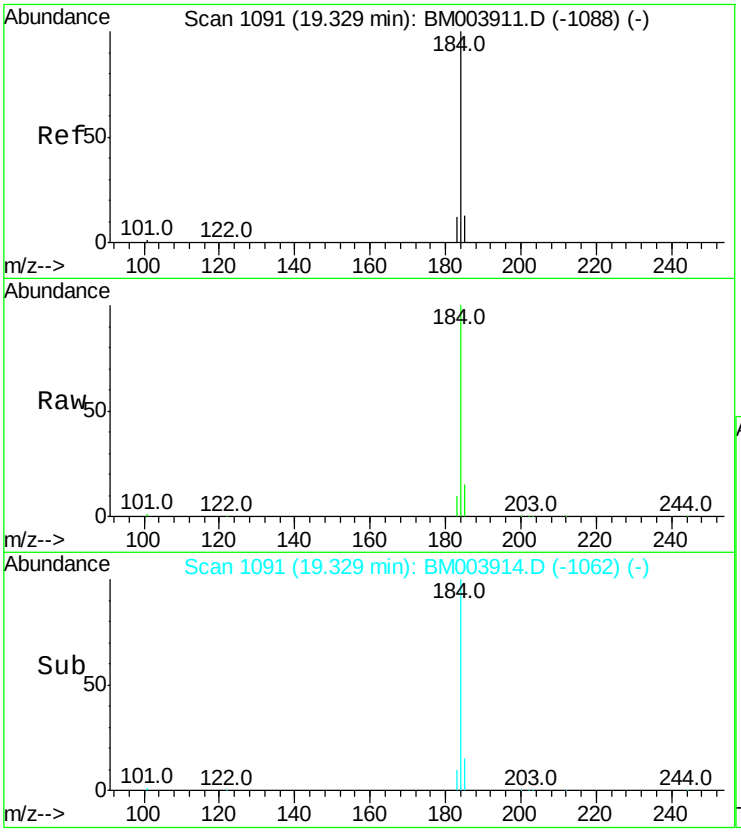


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:240 Resp: 209393

Ion	Ratio	Lower	Upper
240	100		
120	20.9	0.9	1.3#
236	33.3	17.3	25.9#



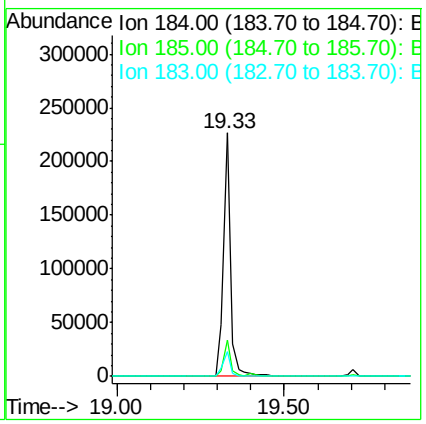


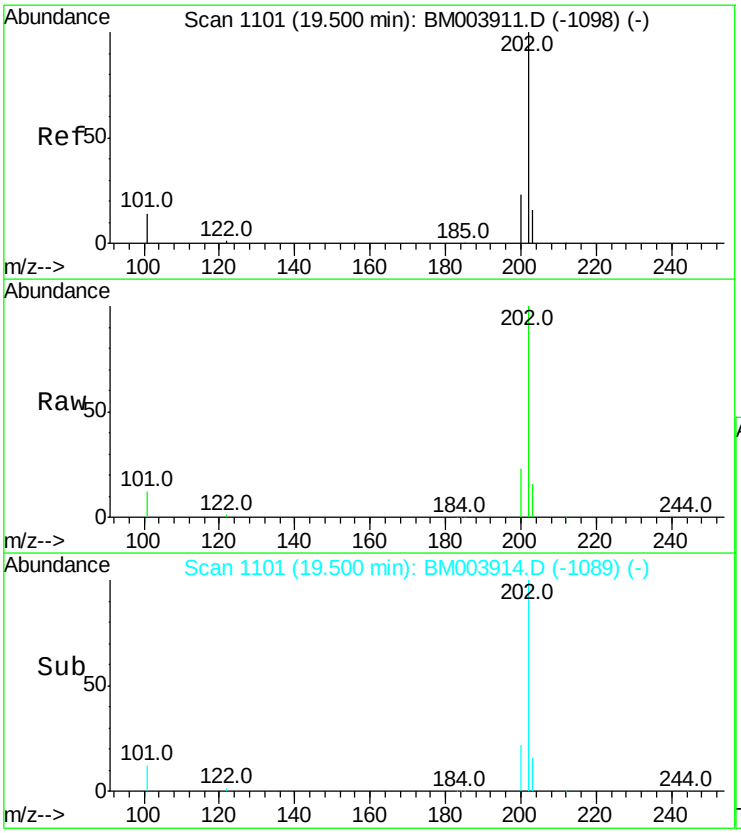
#27
Benzidine
Concen: 22.06 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 335520

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.2	19.8
183	10.2	9.0	13.6

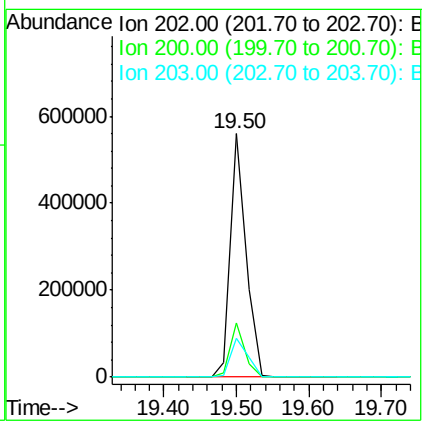


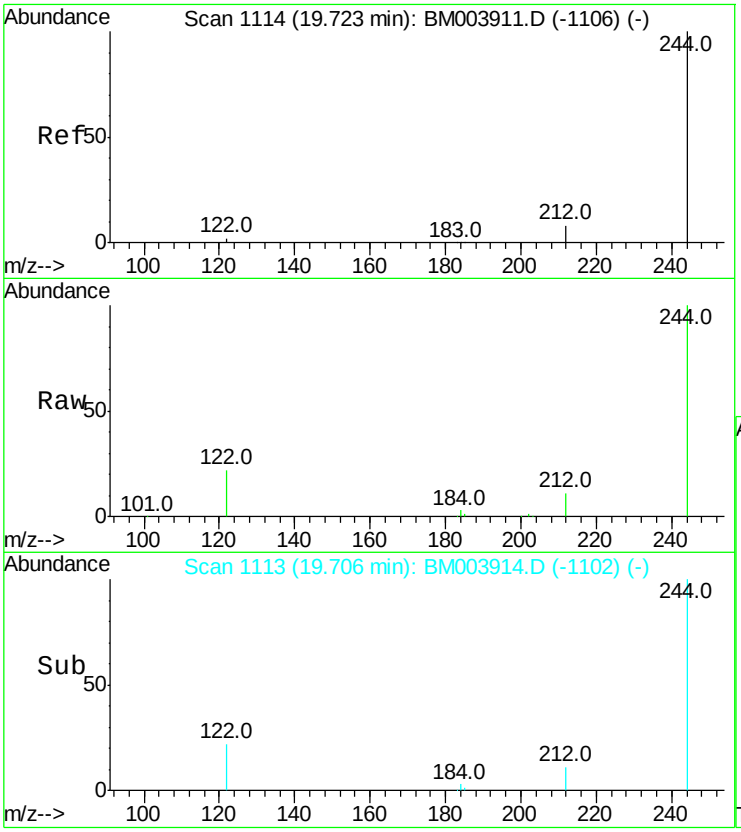


#28
Pyrene
Concen: 11.10 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:202 Resp: 823112

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.6	14.0	21.0



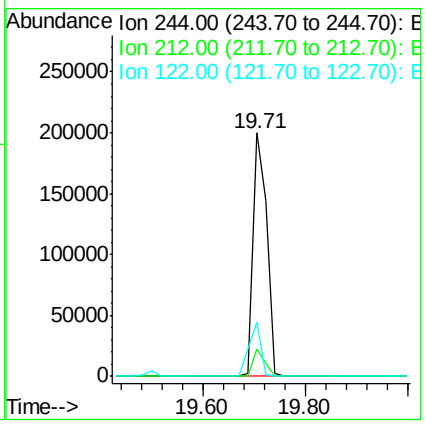


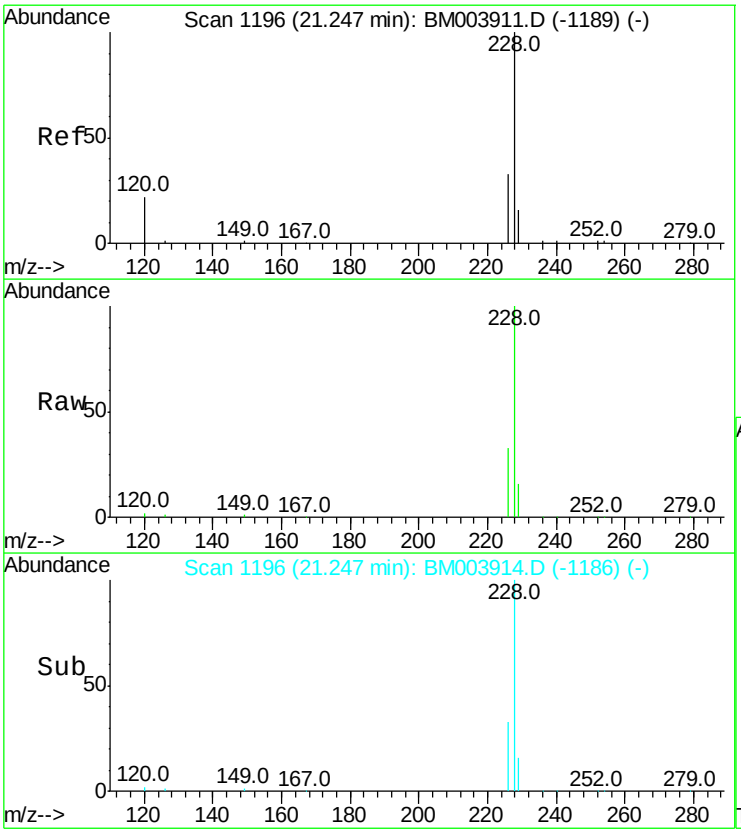
#29
Terphenyl-d14
Concen: 10.77 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 361475

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.0	10.6#
122	22.2	3.0	4.6#

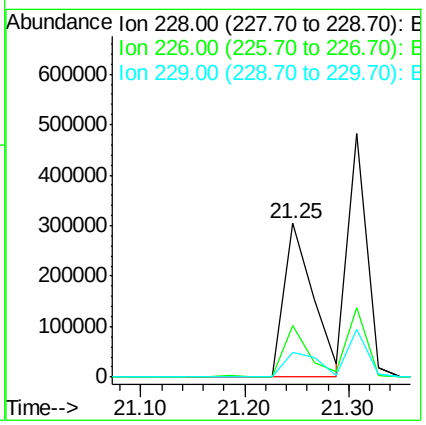


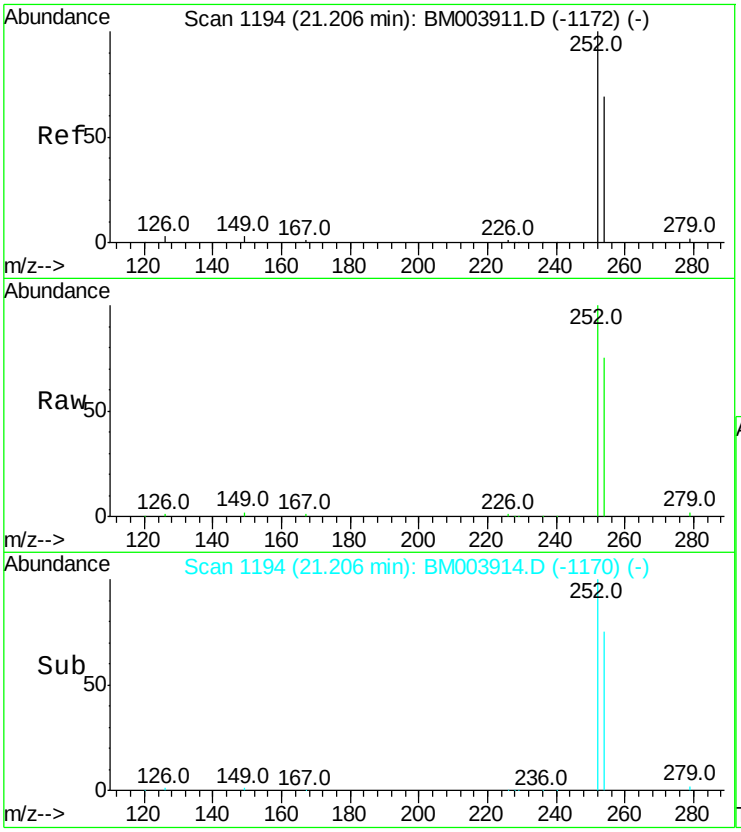


#30
Benzo(a)anthracene
Concen: 10.03 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:228 Resp: 596644

Ion	Ratio	Lower	Upper
228	100		
226	33.3	17.2	25.8#
229	15.9	18.7	28.1#



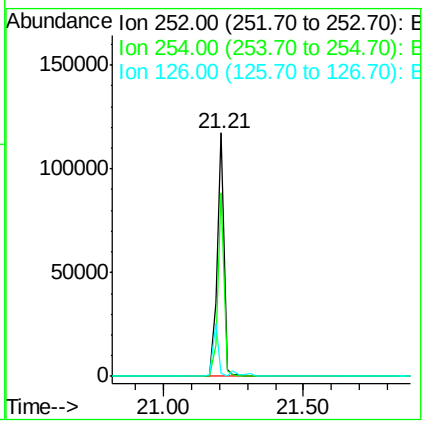


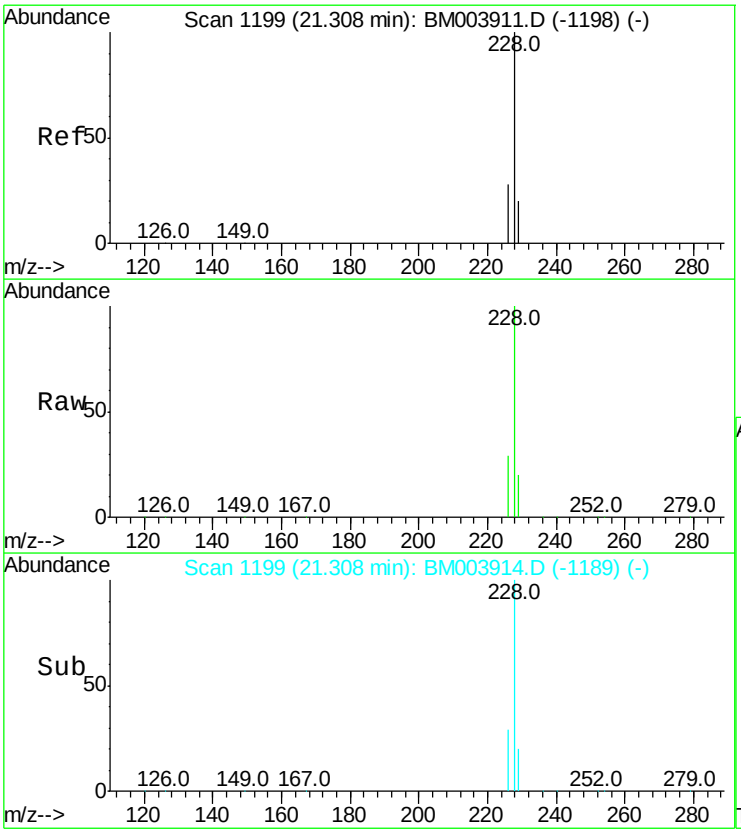
#31
3,3'-Dichlorobenzidine
Concen: 13.62 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 196836

Ion	Ratio	Lower	Upper
252	100		
254	75.1	52.6	79.0
126	1.3	3.7	5.5#

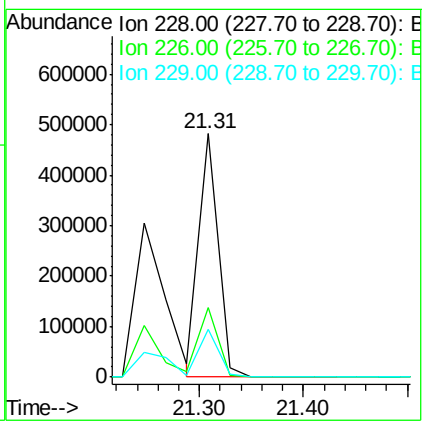


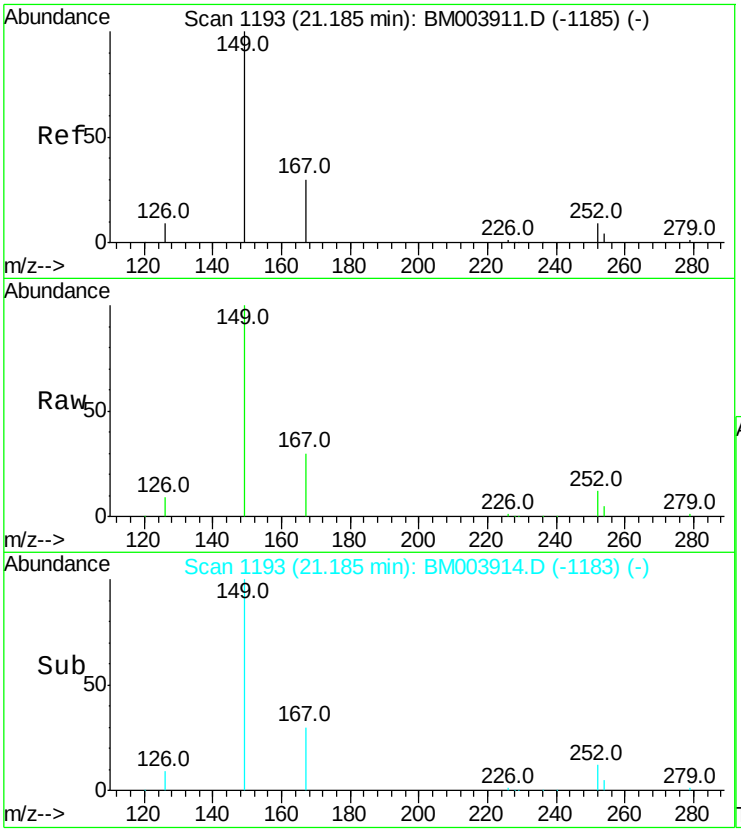


#32
Chrysene
Concen: 10.01 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:228 Resp: 618633

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.3	37.9
229	19.8	14.5	21.7



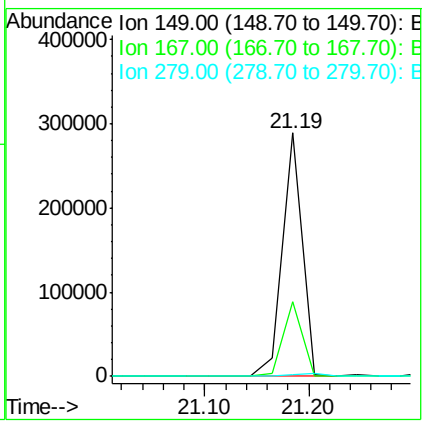


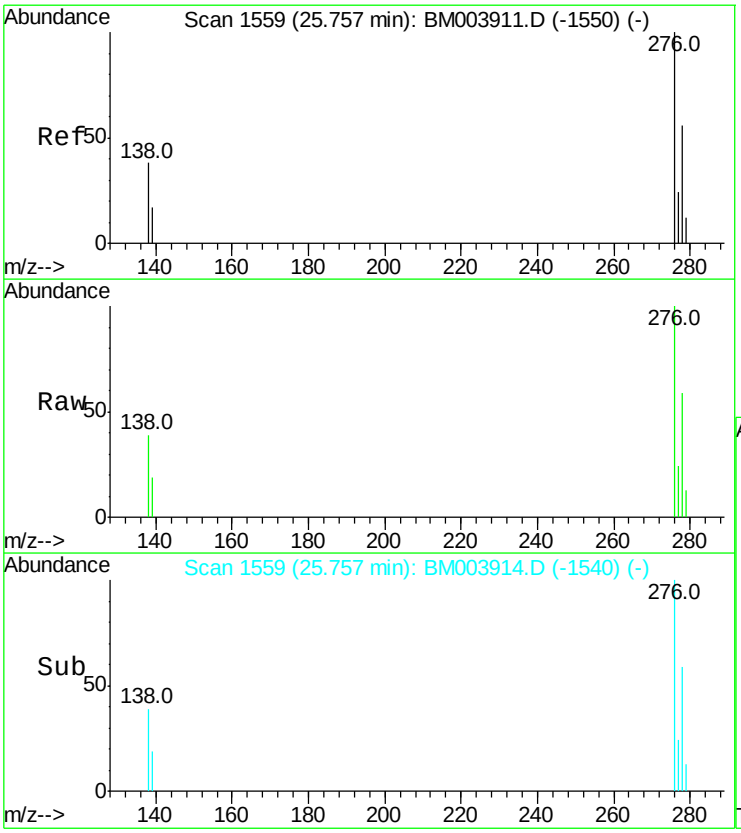
#33
Bis(2-ethylhexyl)phthalate
Concen: 15.64 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 384723

Ion	Ratio	Lower	Upper
149	100		
167	29.4	20.1	30.1
279	0.0	0.0	0.0

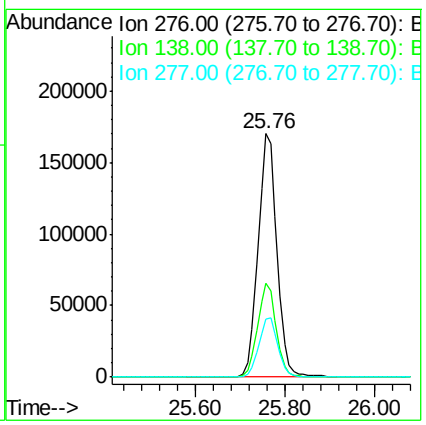


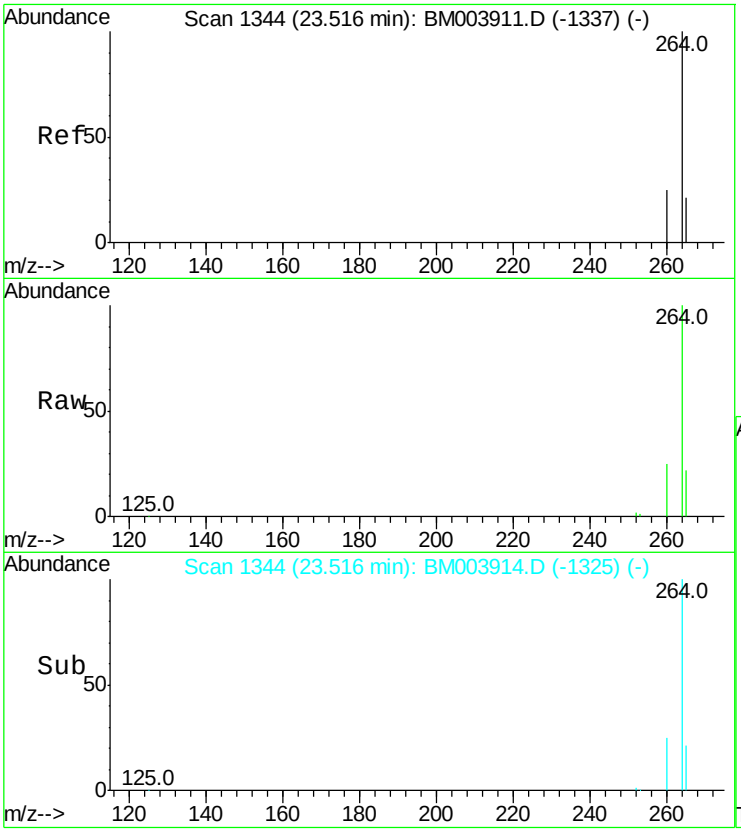


#34
Indeno(1,2,3-cd)pyrene
Concen: 11.60 ng
RT: 25.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:276 Resp: 503240

Ion	Ratio	Lower	Upper
276	100		
138	38.1	30.2	45.2
277	24.7	19.8	29.8



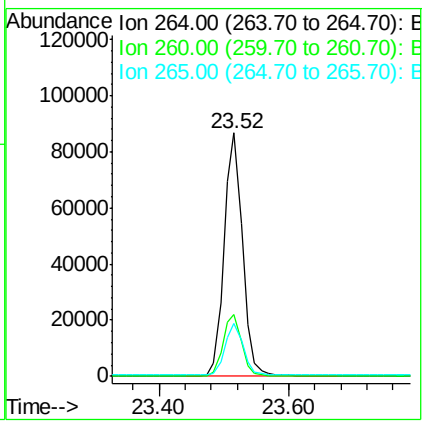


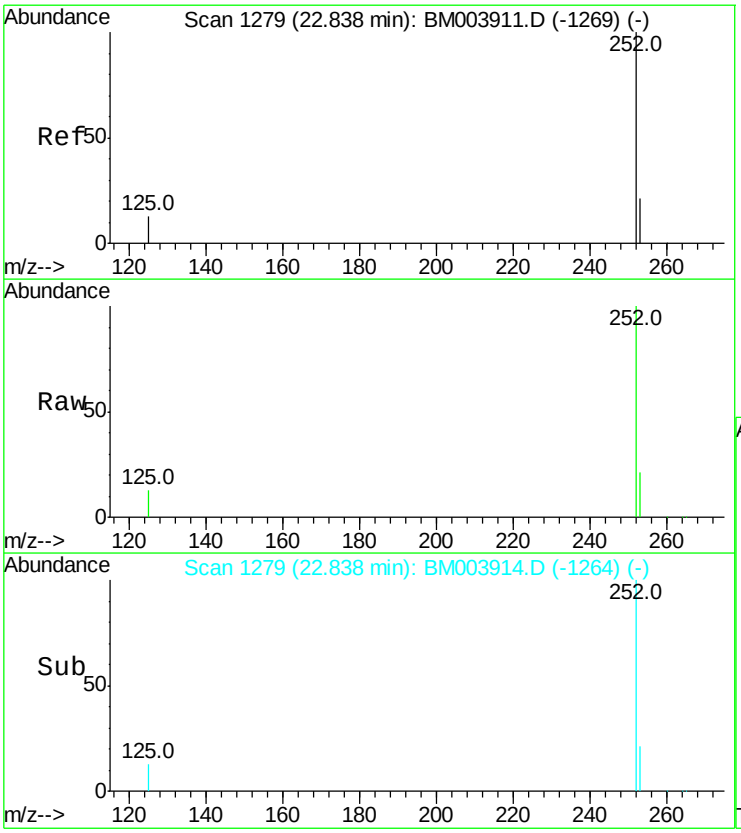
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 169007

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.2	31.8
265	21.8	16.7	25.1

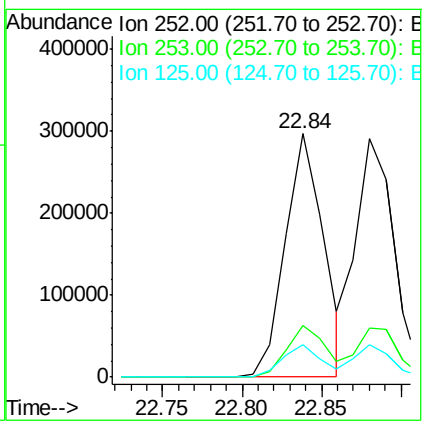


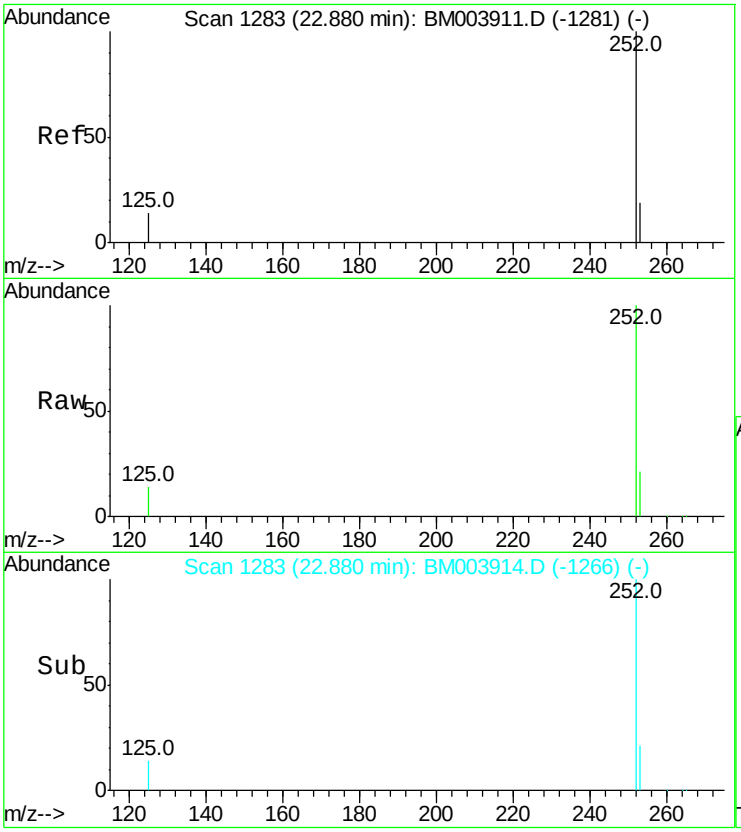


#36
Benzo(b)fluoranthene
Concen: 9.57 ng
RT: 22.84 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:252 Resp: 496792

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.8	28.2
125	13.3	10.2	15.4



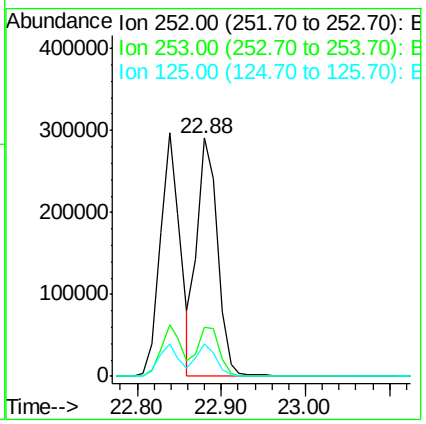


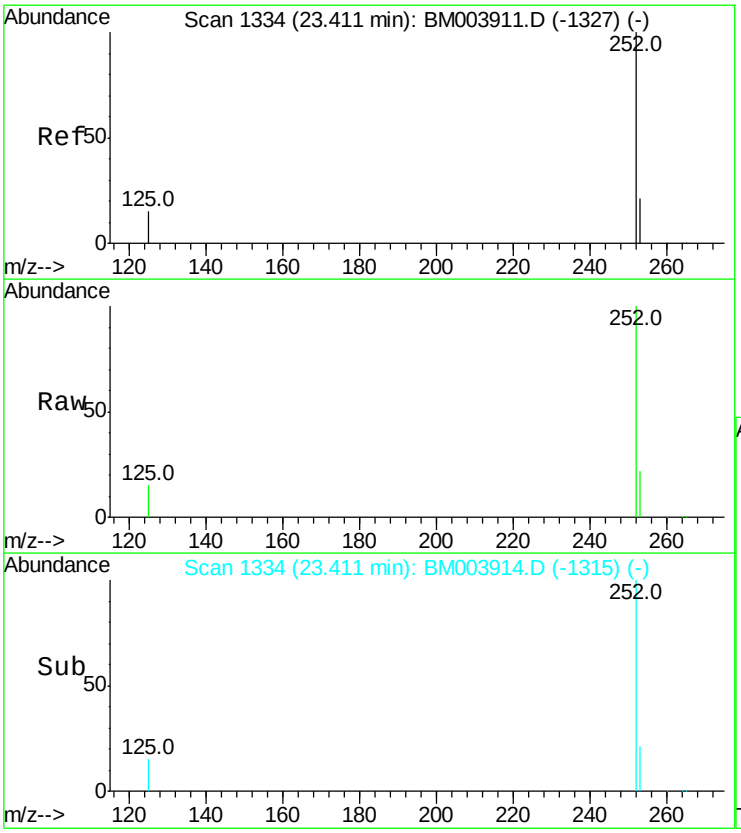
#37
Benzo(k)fluoranthene
Concen: 9.67 ng
RT: 22.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 485885

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.3	27.5
125	13.9	10.6	15.8

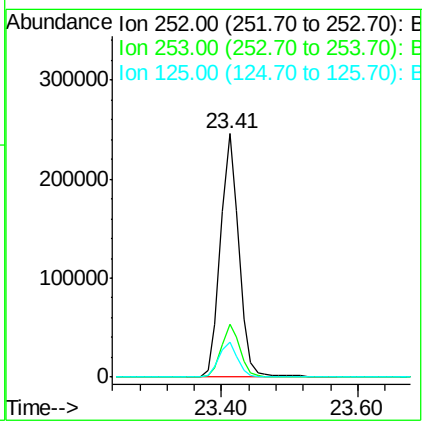


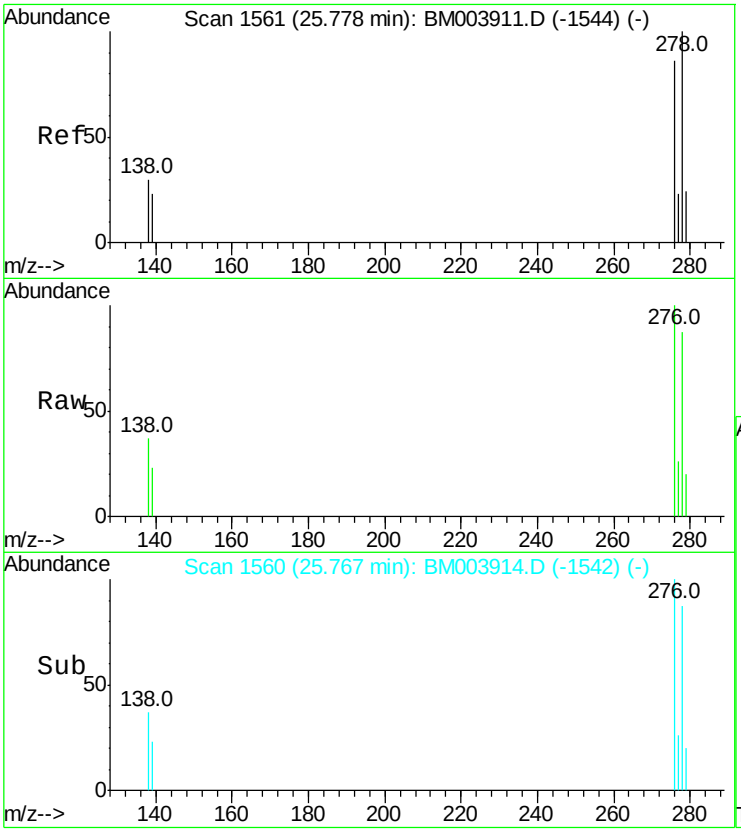


#38
Benzo(a)pyrene
Concen: 10.46 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:252 Resp: 457346

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	14.6	11.8	17.8



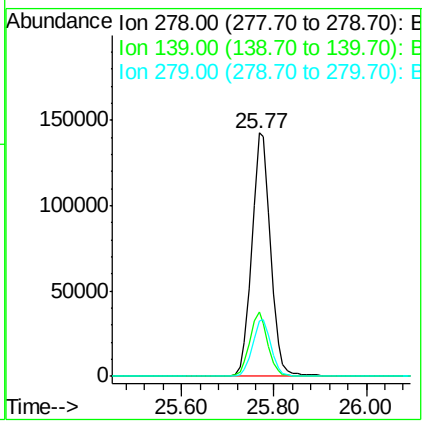


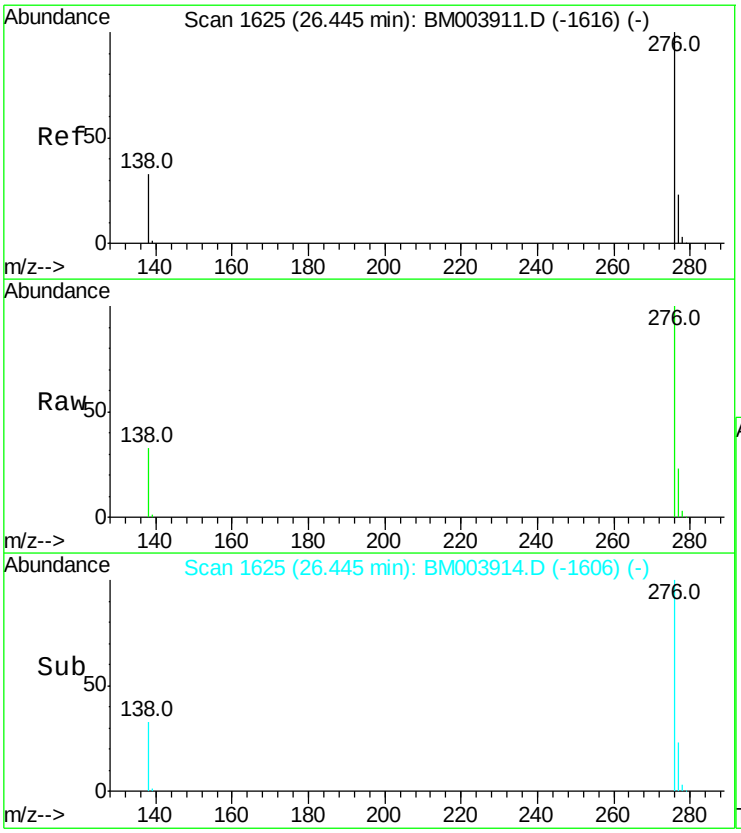
#39
Dibenzo(a,h)anthracene
Concen: 10.81 ng
RT: 25.77 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 401698

Ion	Ratio	Lower	Upper
278	100		
139	26.7	19.0	28.6
279	22.6	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 10.61 ng
RT: 26.44 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:276 Resp: 418442

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	33.3	25.0	37.4