Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003745.D
Acq On : 23 Dec 2015 15:24
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 01:26:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	63023	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	269414	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	157633	5.00	ng		0.00
19) Phenanthrene-d10	17.09	188	297364	5.00	ng		0.03
26) Chrysene-d12	21.29	240	377623	5.00	ng		0.00
35) Perylene-d12	23.54	264	300886	5.00	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	13310	1.04	ng		0.00
5) Phenol-d6	6.85	99	16467	1.06	ng		-0.02
8) Nitrobenzene-d5	8.84	82	13883	1.10	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	4283	1.30	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	42572	0.90	ng		0.00
29) Terphenyl-d14	19.72	244	46911	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	5174	0.90	ng		97
3) n-Nitrosodimethylamine	3.49	42	6217	1.06	ng		94
6) bis(2-Chloroethyl)ether	7.11	93	14168	0.95	ng		99
9) Nitrobenzene	8.88	77	14850	1.08	ng		99
10) Naphthalene	10.51	128	53276	0.92	ng		100
11) Hexachlorobutadiene	10.80	225	8273	0.93	ng		99
12) 2-Methylnaphthalene	12.14	142	38037	0.96	ng		99
16) Acenaphthylene	14.04	152	63216	1.02	ng		100
17) Acenaphthene	14.39	154	40114	0.95	ng		100
18) Fluorene	15.39	166	47099	1.00	ng		99
20) 4-Bromophenyl-phenylether	16.27	248	15447	1.60	ng		97
21) Hexachlorobenzene	16.40	284	14858	1.34	ng	#	100
22) Pentachlorophenol	16.73	266	4948	1.51	ng	#	68
23) Phenanthrene	17.11	178	93274	1.49	ng		100
24) Anthracene	17.22	178	65916	1.08	ng		100
25) Fluoranthene	19.16	202	90727	1.46	ng		99
27) Benzidine	19.35	184	3205	0.11	ng	#	69
28) Pyrene	19.52	202	97594	0.72	ng		100
30) Benzo(a)anthracene	21.27	228	176525	1.74	ng	#	91
31) 3,3'-Dichlorobenzidine	21.21	252	27871	1.04	ng	#	85
32) Chrysene	21.27	228	176770	1.50	ng		93
33) Bis(2-ethylhexyl)phthalate	21.19	149	53049	1.01	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.78	276	78346	0.88	ng		100
36) Benzo(b)fluoranthene	22.86	252	89256	0.97	ng		100
37) Benzo(k)fluoranthene	22.90	252	74392	0.91	ng		99
38) Benzo(a)pyrene	23.43	252	74855	0.99	ng		99
39) Dibenzo(a,h)anthracene	25.80	278	62579	0.91	ng		99
40) Benzo(g,h,i)perylene	26.48	276	63277	0.87	ng		100

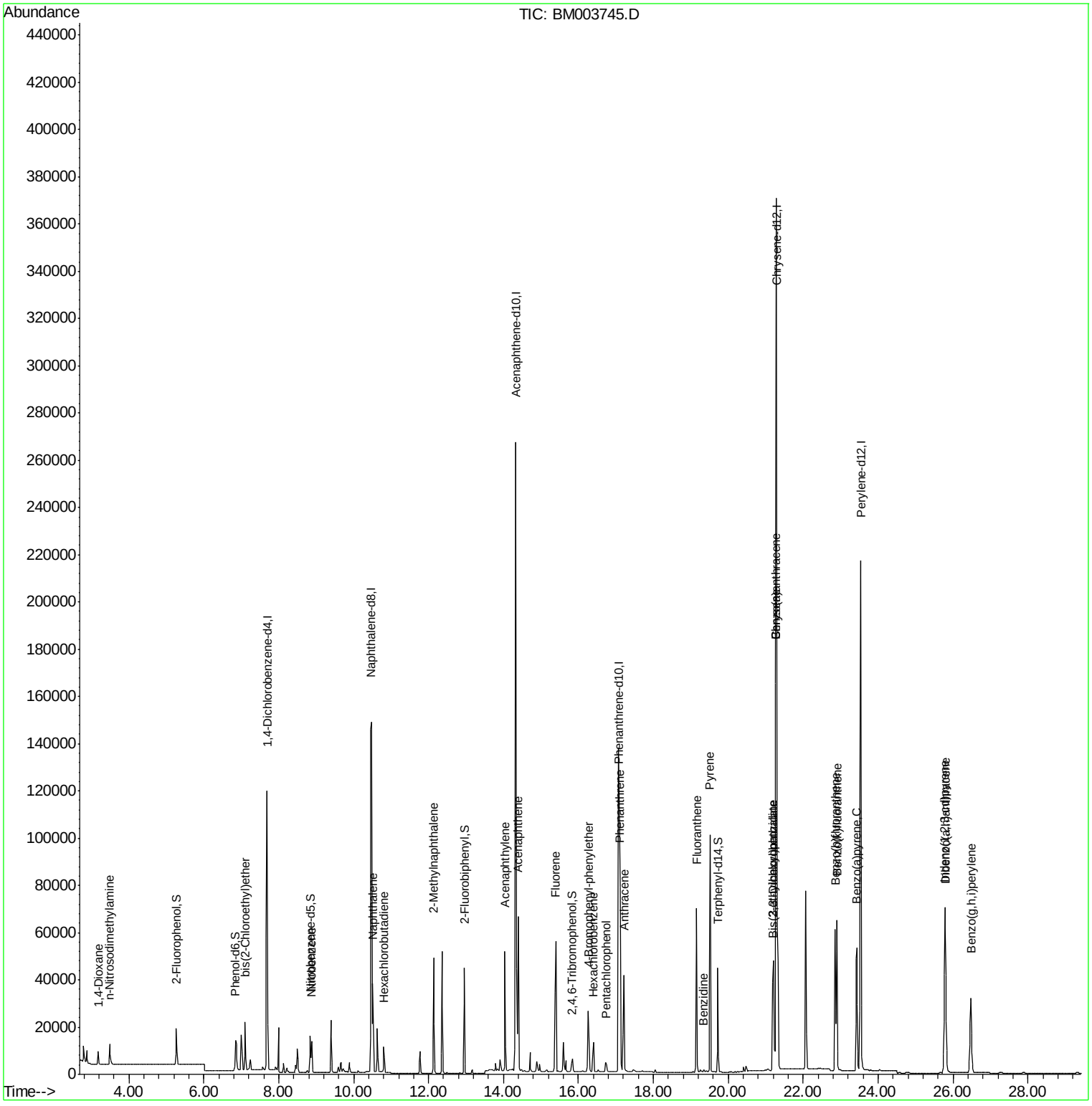
(#) = qualifier out of range (m) = manual integration (+) = signals summed

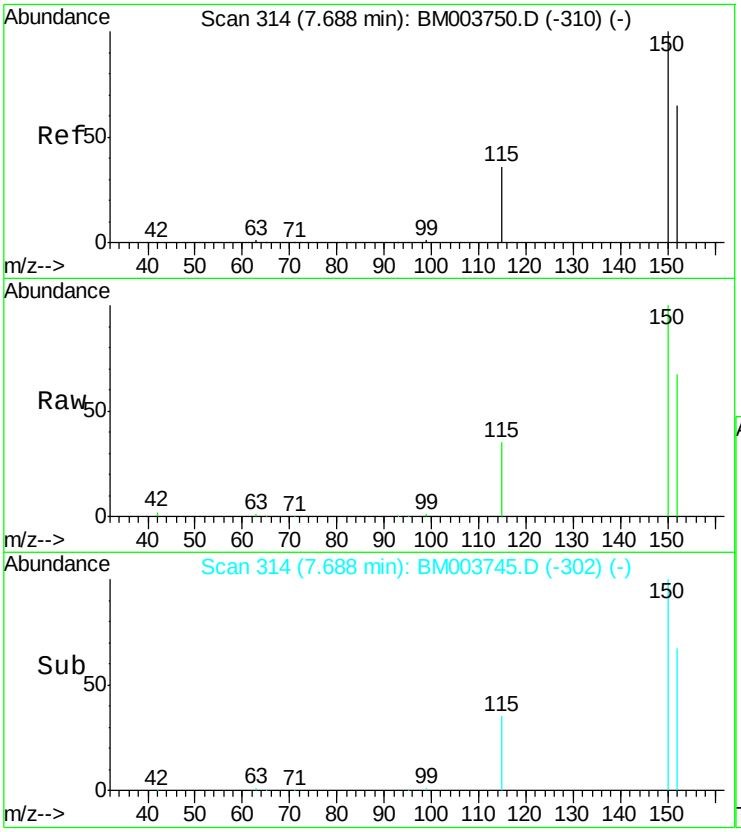
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003745.D
Acq On : 23 Dec 2015 15:24
Operator : UM/SJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 01:26:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 01:22:48 2015
Response via : Initial Calibration



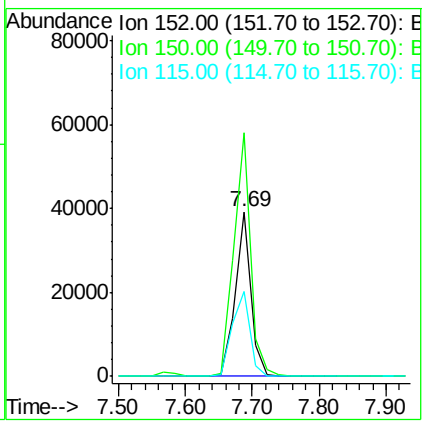


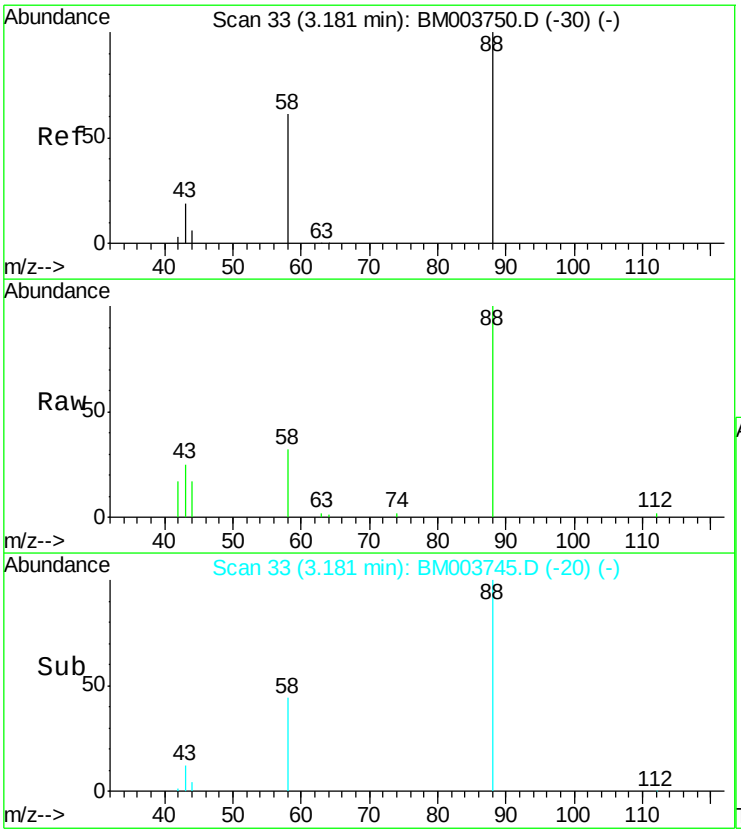
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 63023

Ion	Ratio	Lower	Upper
152	100		
150	148.2	122.9	184.3
115	51.3	44.4	66.6

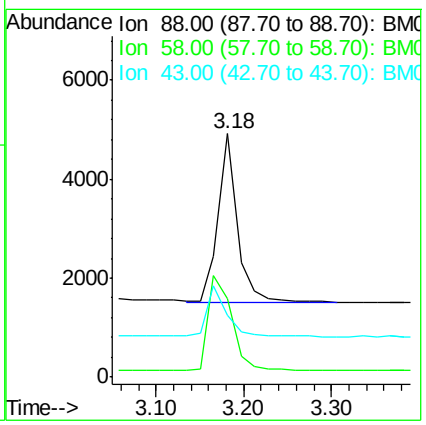


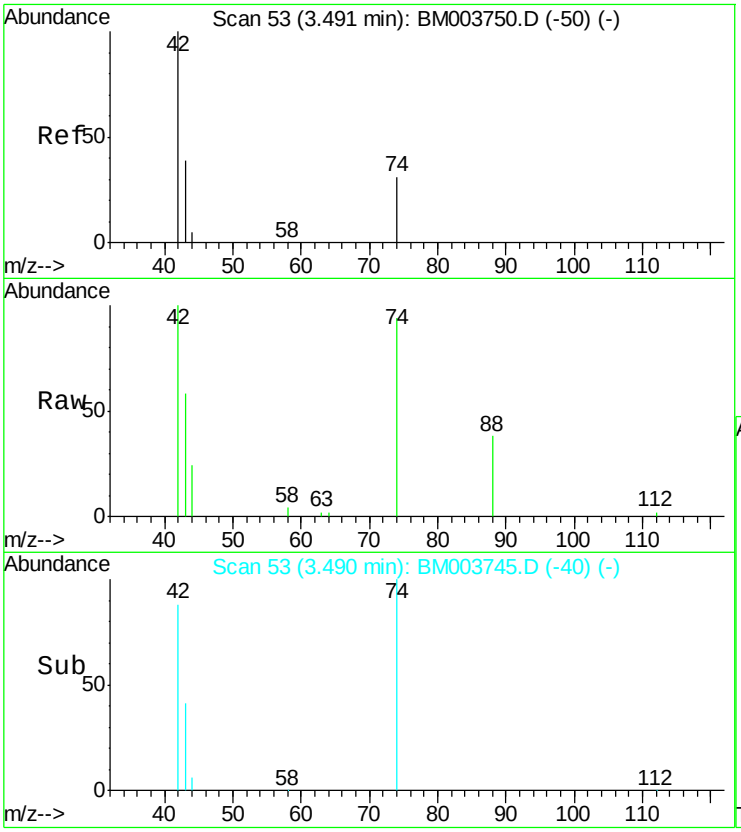


#2
1,4-Dioxane
Concen: 0.90 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion: 88 Resp: 5174

Ion	Ratio	Lower	Upper
88	100		
58	70.0	53.8	80.6
43	31.0	23.8	35.6



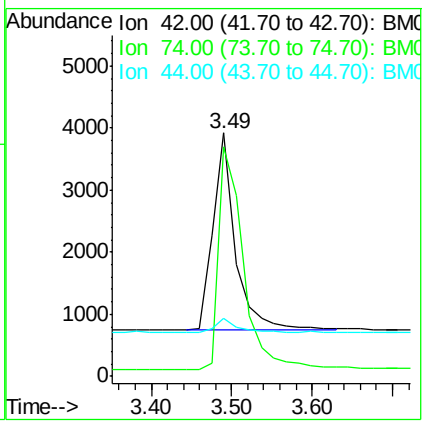


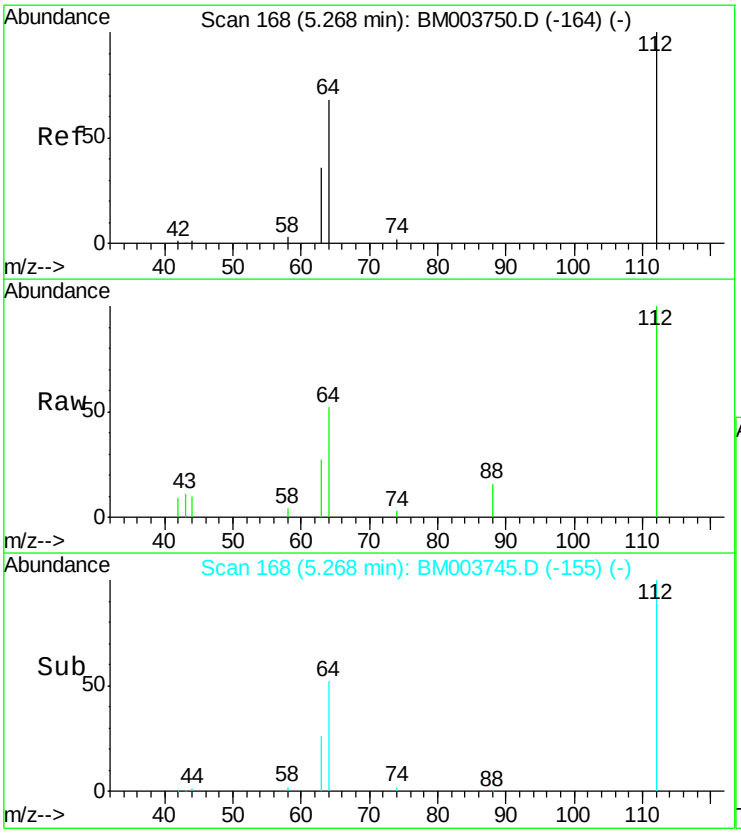
#3
n-Nitrosodimethylamine
Concen: 1.06 ng
RT: 3.49 min Scan# 53
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 6217

Ion	Ratio	Lower	Upper
42	100		
74	125.1	95.0	142.4
44	7.2	5.1	7.7

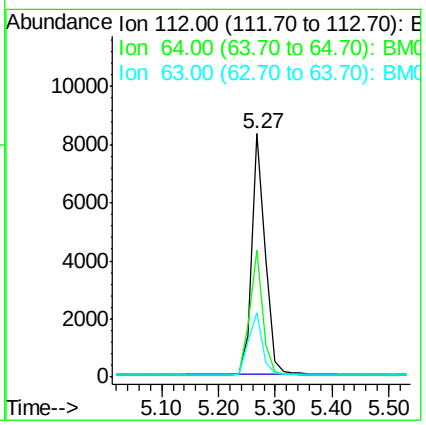


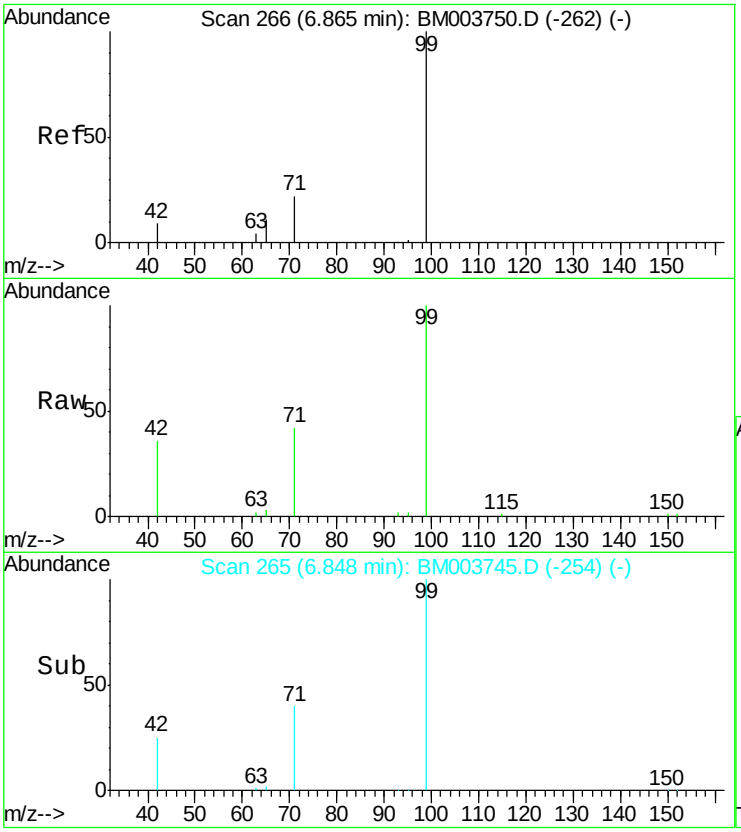


#4
2-Fluorophenol
Concen: 1.04 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:112 Resp: 13310

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.8	62.8
63	27.0	22.1	33.1



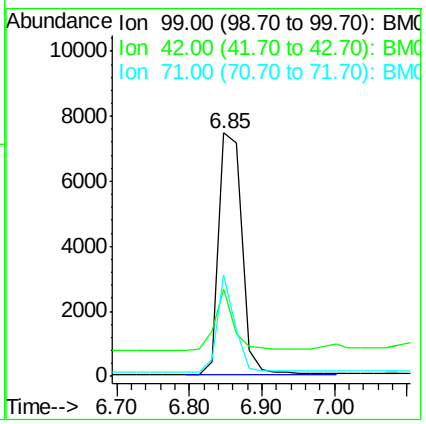


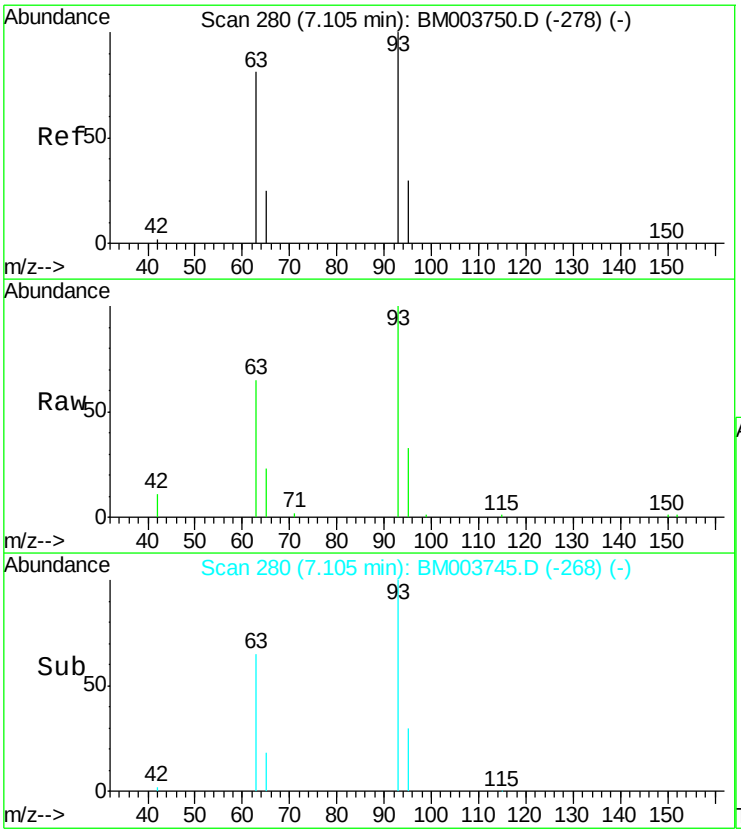
#5
Phenol-d6
Concen: 1.06 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.02 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 16467

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.2	24.2
71	30.9	24.4	36.6

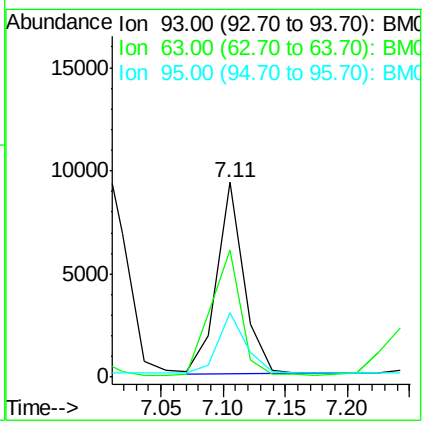


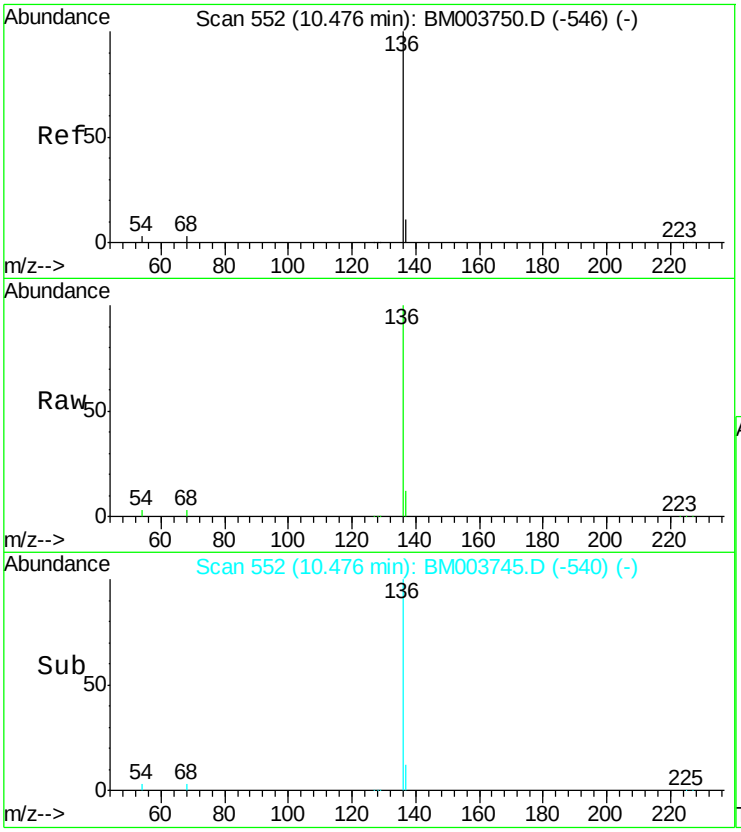


#6
bis(2-Chloroethyl)ether
Concen: 0.95 ng
RT: 7.11 min Scan# 280
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion: 93 Resp: 14168

Ion	Ratio	Lower	Upper
93	100		
63	72.2	58.3	87.5
95	32.7	25.8	38.8



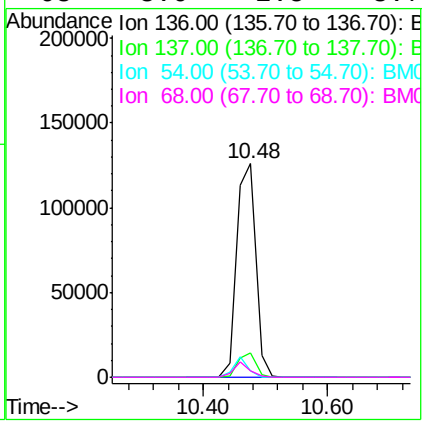


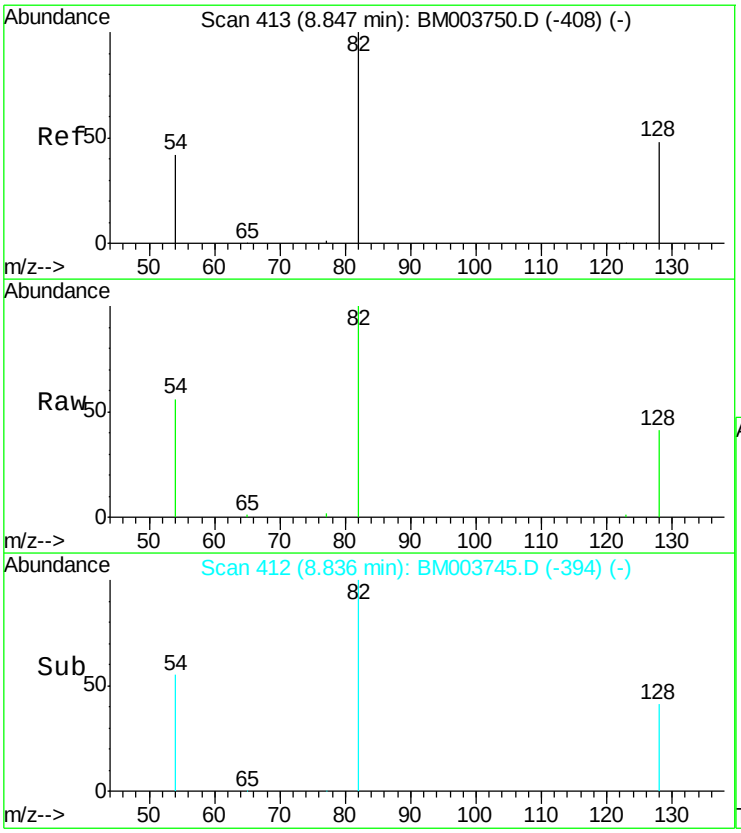
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 269414

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	3.3	2.8	4.2
68	3.0	2.5	3.7

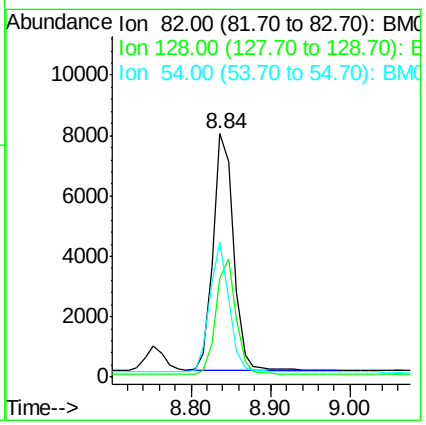


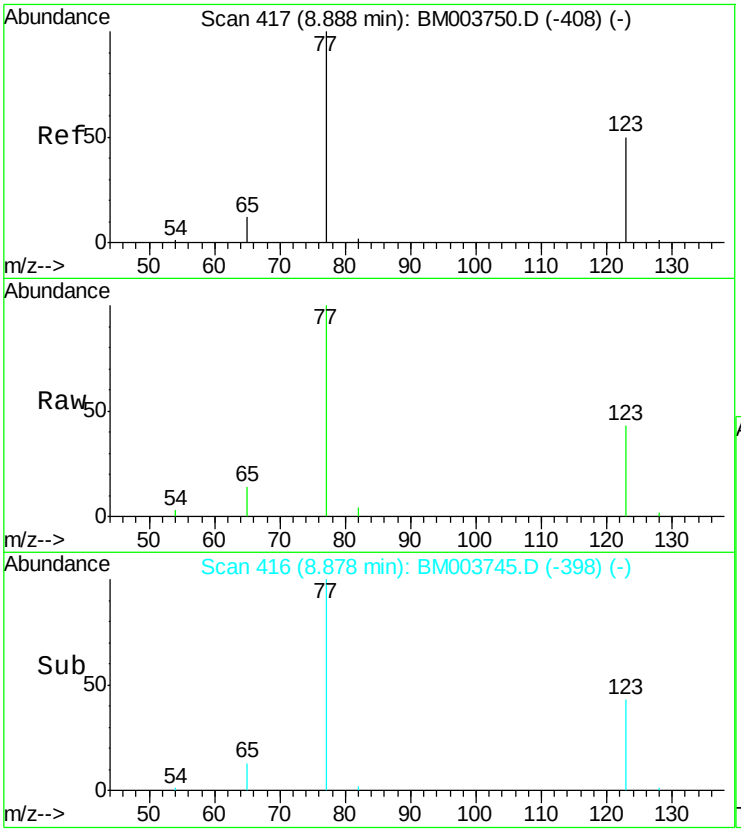


#8
Nitrobenzene-d5
Concen: 1.10 ng
RT: 8.84 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion: 82 Resp: 13883

Ion	Ratio	Lower	Upper
82	100		
128	40.5	39.1	58.7
54	55.5	34.8	52.2#

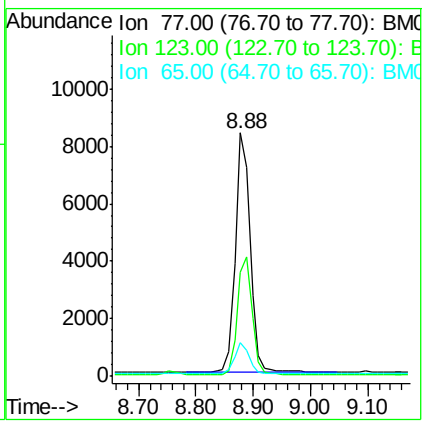




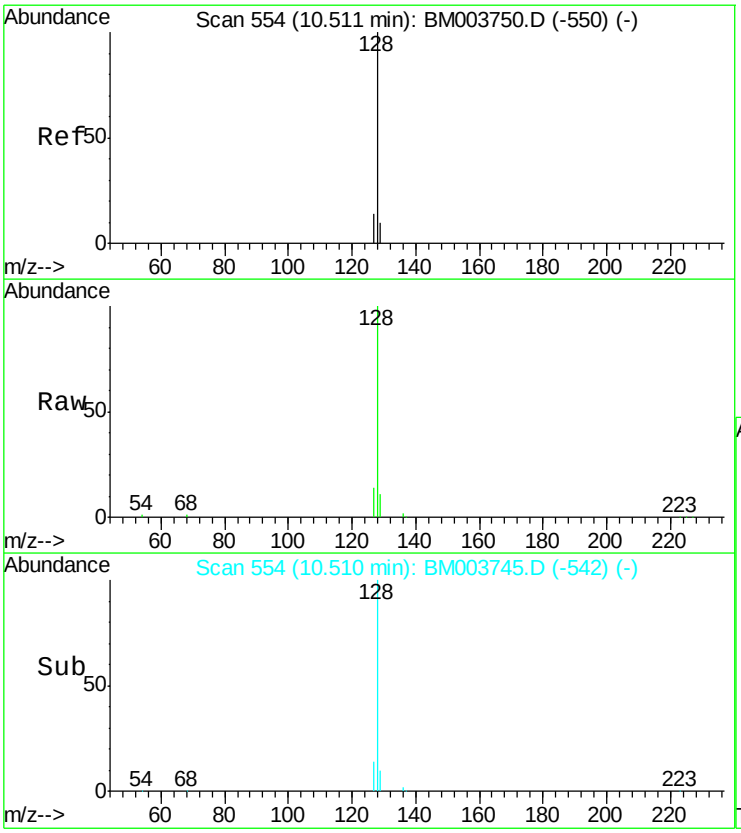
#9
Nitrobenzene
Concen: 1.08 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion: 77 Resp: 14850

Ion	Ratio	Lower	Upper
77	100		
123	49.3	38.6	57.8
65	12.6	9.9	14.9



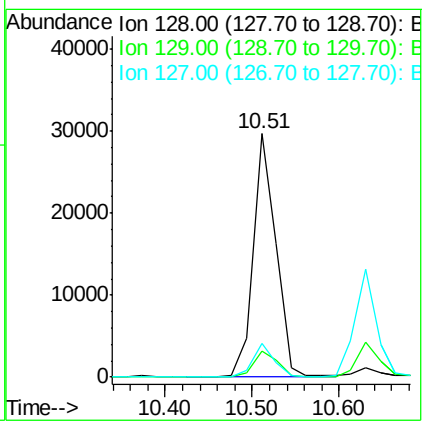
Instrument :
BNA_M
ClientSampleId :

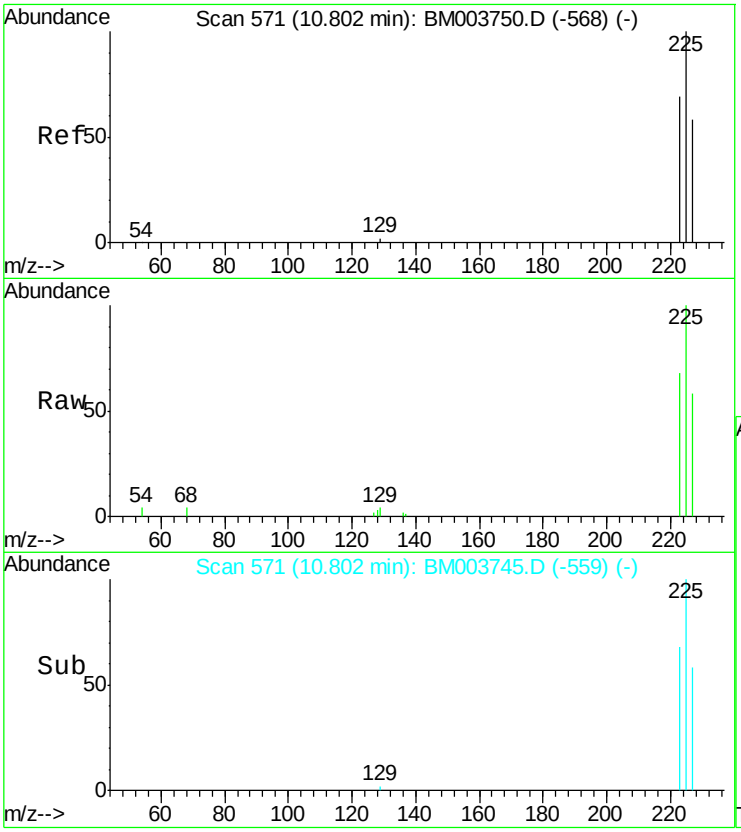


#10
Naphthalene
Concen: 0.92 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:128 Resp: 53276

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	13.7	11.0	16.4



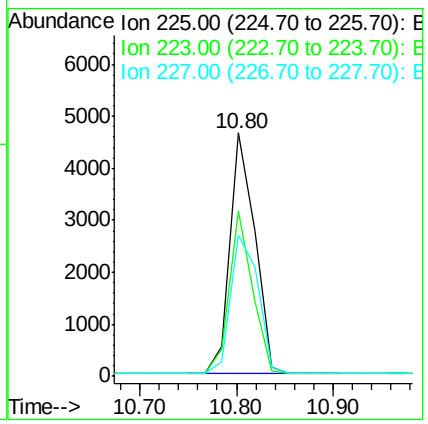


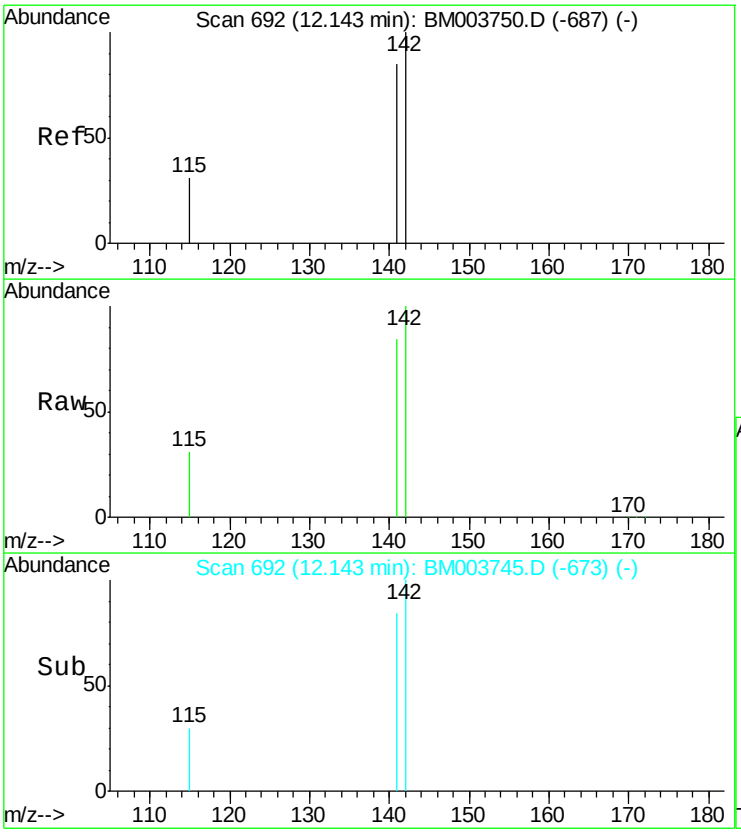
#11
Hexachlorobutadiene
Concen: 0.93 ng
RT: 10.80 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 8273

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.4	51.2	76.8

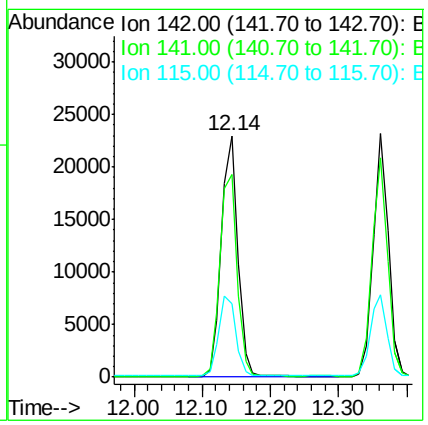


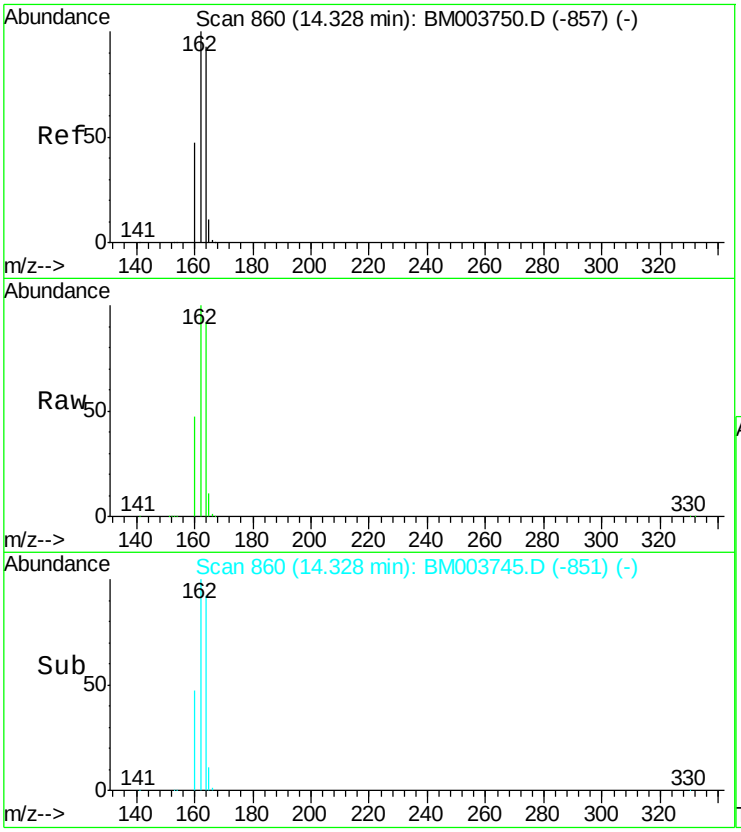


#12
2-Methylnaphthalene
Concen: 0.96 ng
RT: 12.14 min Scan# 692
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:142 Resp: 38037

Ion	Ratio	Lower	Upper
142	100		
141	83.7	67.8	101.8
115	30.6	25.3	37.9



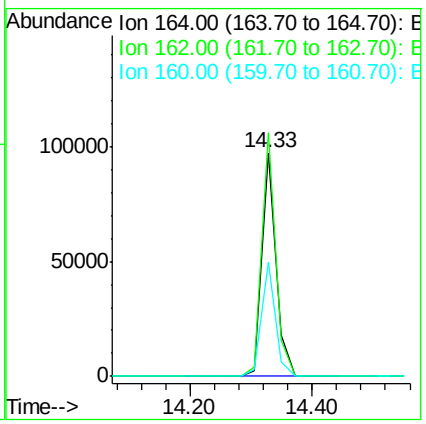


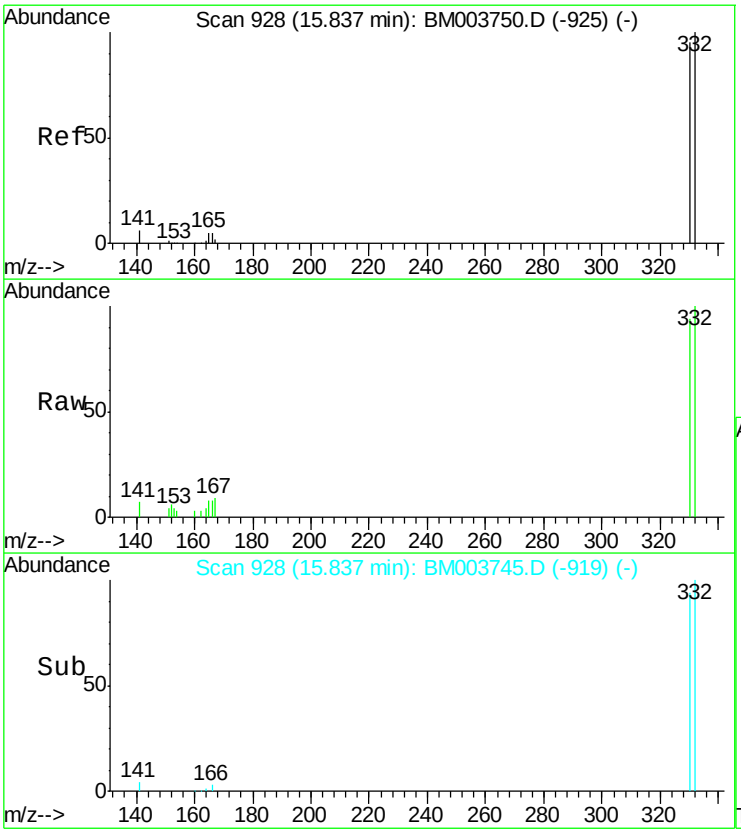
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 157633

Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.0	129.0
160	51.3	40.3	60.5

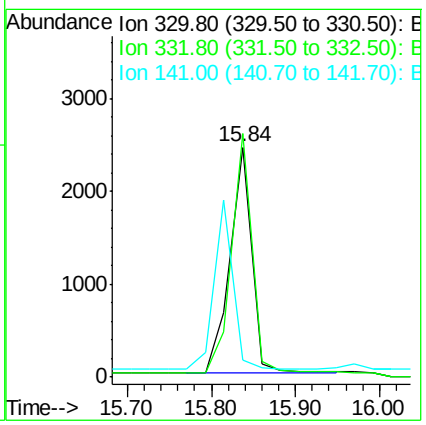


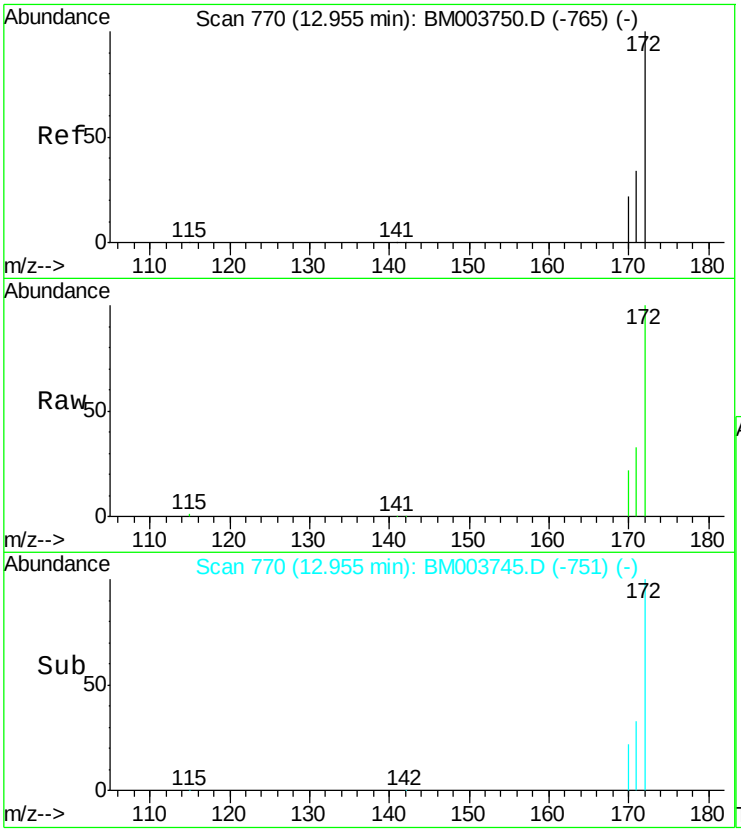


#14
2,4,6-Tribromophenol
Concen: 1.30 ng
RT: 15.84 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:330 Resp: 4283

Ion	Ratio	Lower	Upper
330	100		
332	99.0	79.0	118.4
141	0.0	0.0	0.0



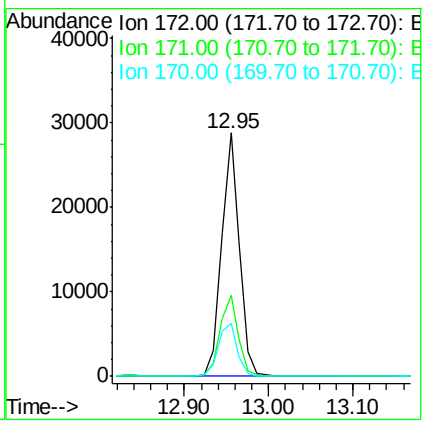


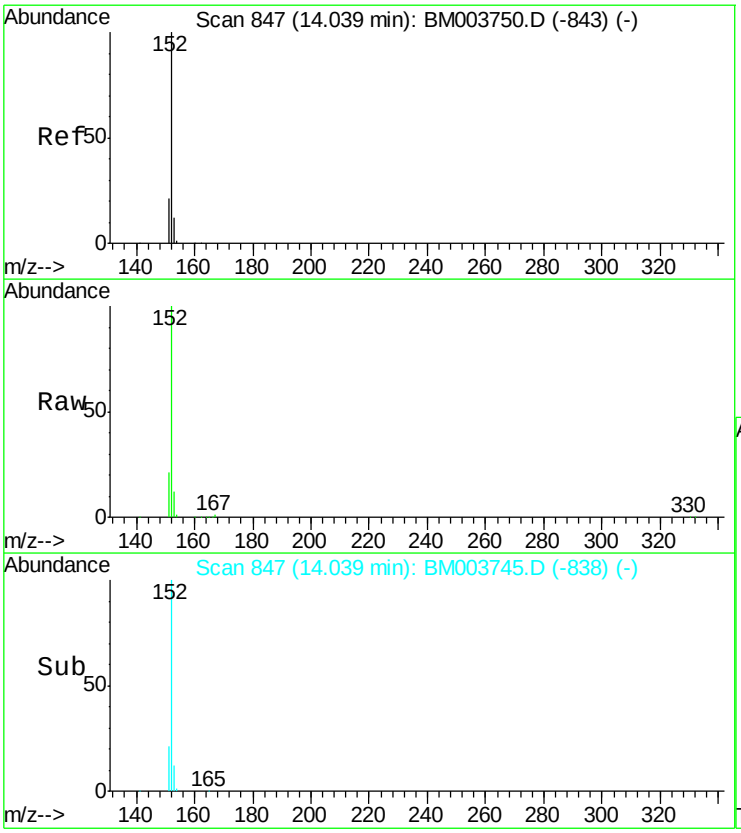
#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.95 min Scan# 770
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 42572

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.0	40.6
170	21.9	17.9	26.9

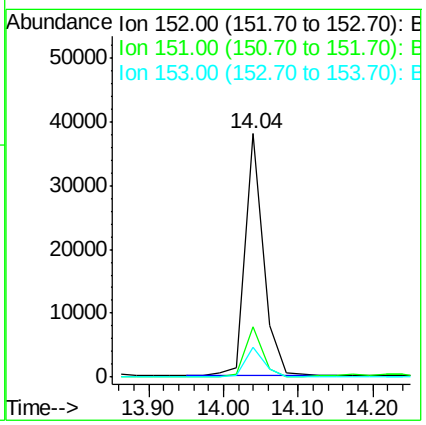


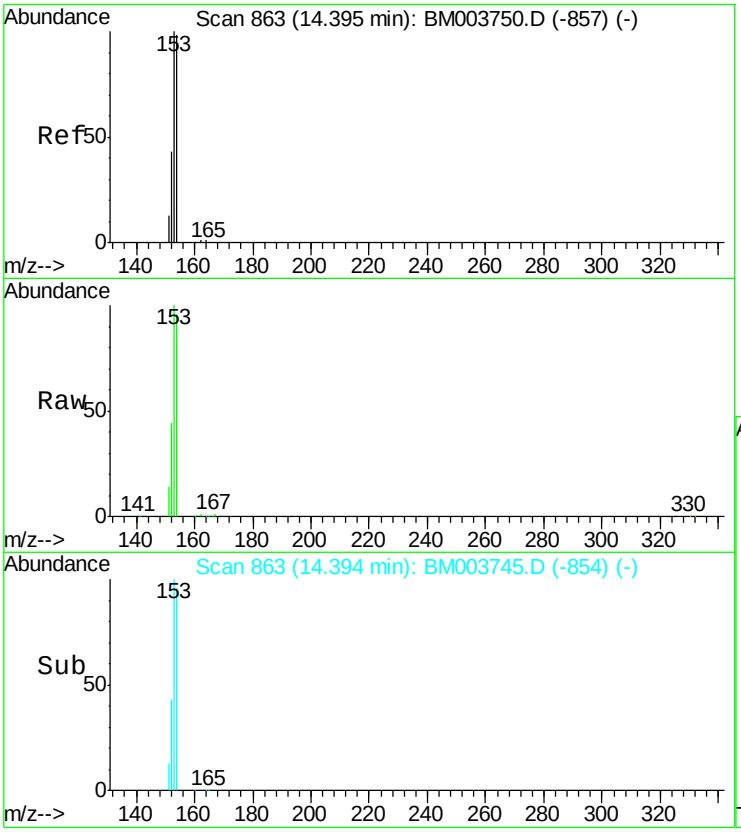


#16
Acenaphthylene
Concen: 1.02 ng
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:152 Resp: 63216

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.7	10.2	15.4



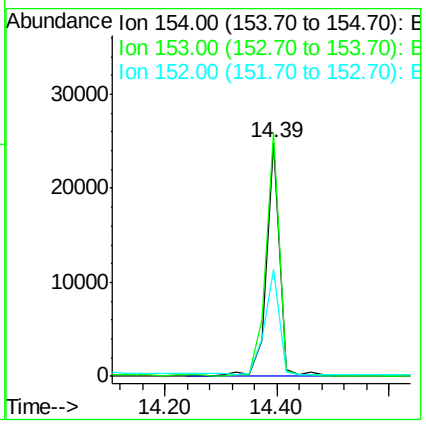


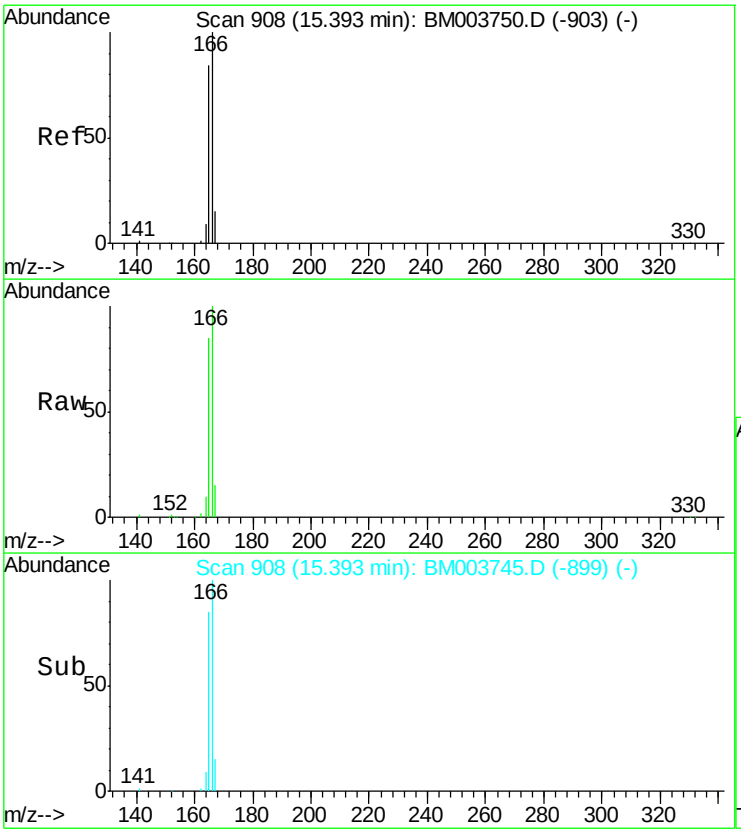
#17
Acenaphthene
Concen: 0.95 ng
RT: 14.39 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 40114

Ion	Ratio	Lower	Upper
154	100		
153	107.4	85.4	128.2
152	50.6	40.6	60.8

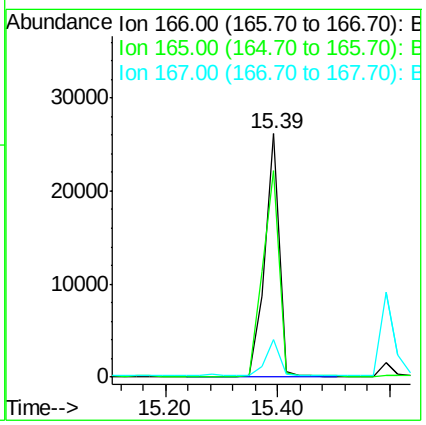


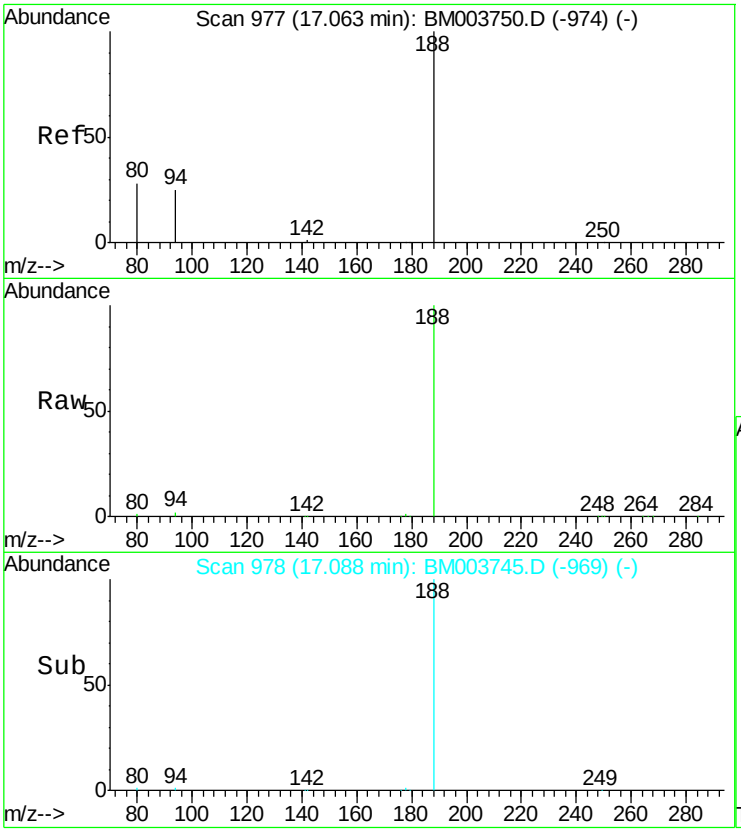


#18
Fluorene
Concen: 1.00 ng
RT: 15.39 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:166 Resp: 47099

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.2	115.8
167	13.7	11.0	16.6



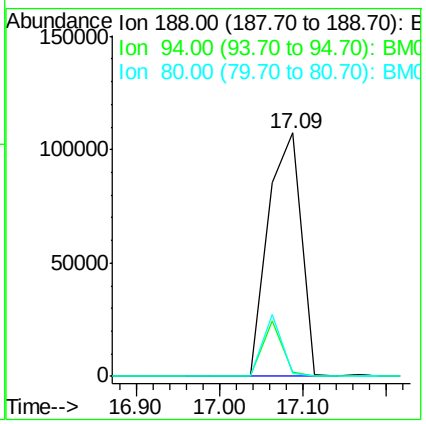


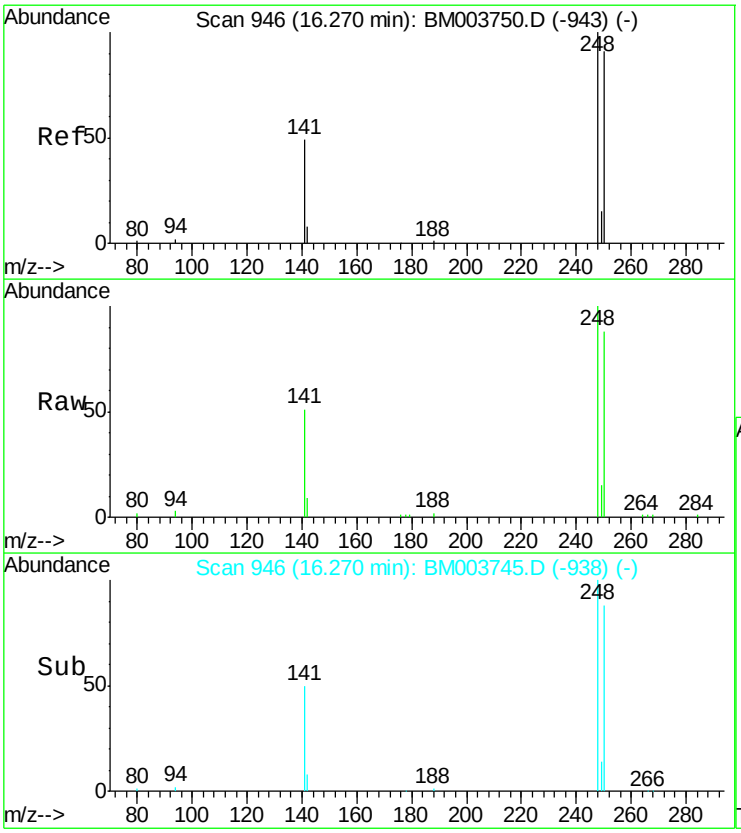
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.03 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 297364

Ion	Ratio	Lower	Upper
188	100		
94	1.5	20.3	30.5#
80	1.1	22.2	33.4#

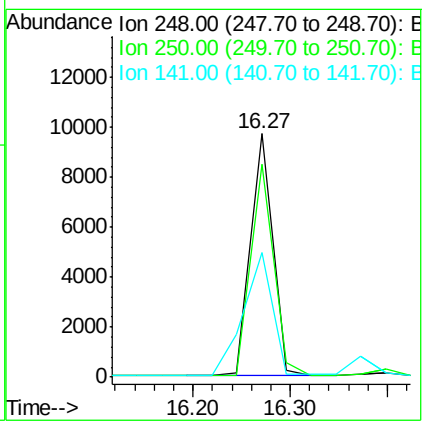


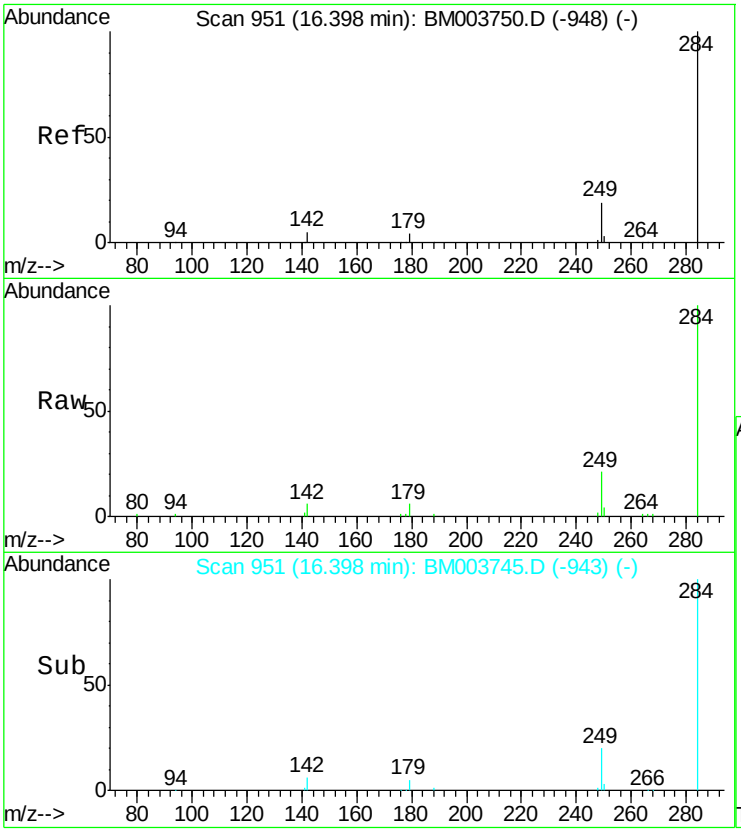


#20
4-Bromophenyl-phenylether
Concen: 1.60 ng
RT: 16.27 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:248 Resp: 15447

Ion	Ratio	Lower	Upper
248	100		
250	90.0	75.0	112.4
141	65.3	53.0	79.4



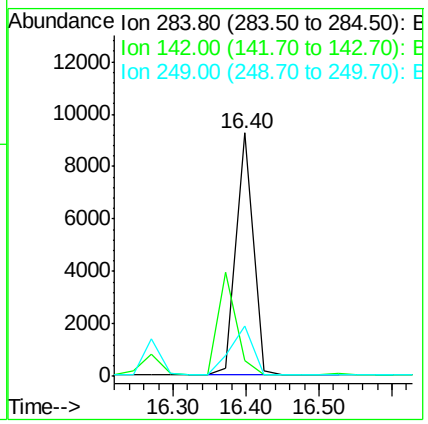


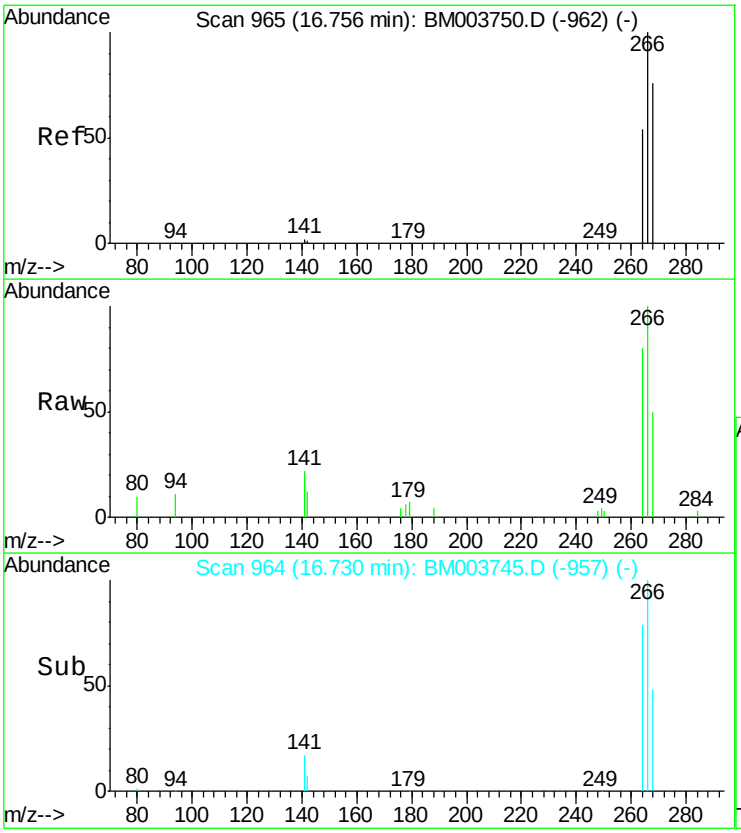
#21
Hexachlorobenzene
Concen: 1.34 ng
RT: 16.40 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 14858

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	27.0	21.5	32.3

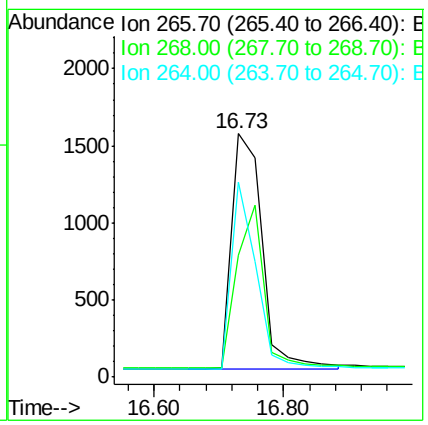


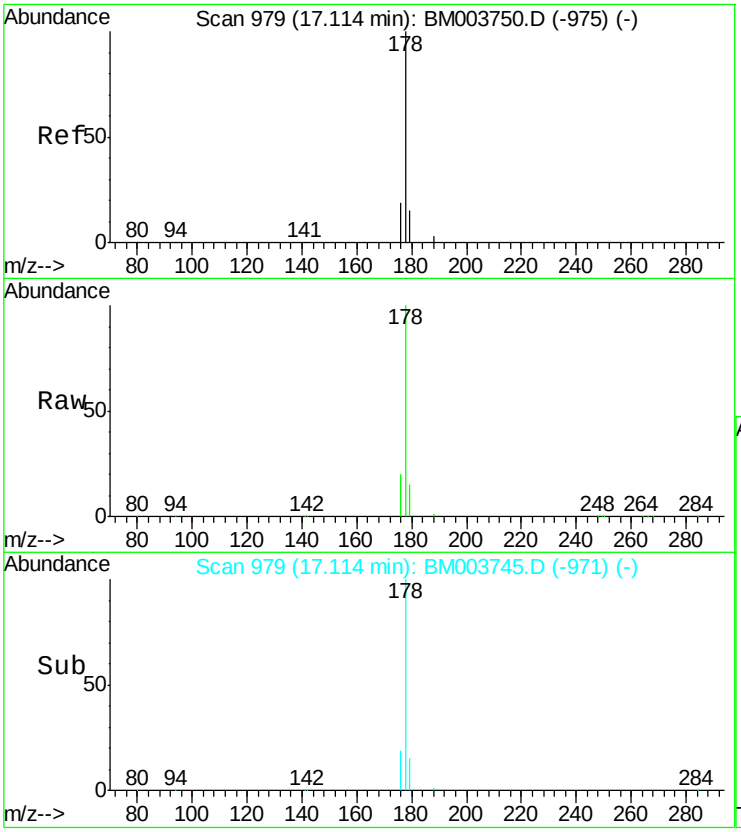


#22
Pentachlorophenol
Concen: 1.51 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:266 Resp: 4948

Ion	Ratio	Lower	Upper
266	100		
268	50.3	62.7	94.1#
264	80.0	45.7	68.5#



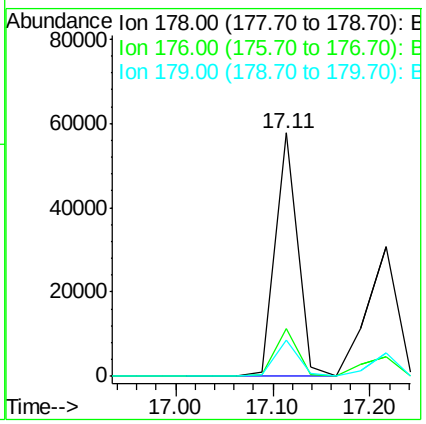


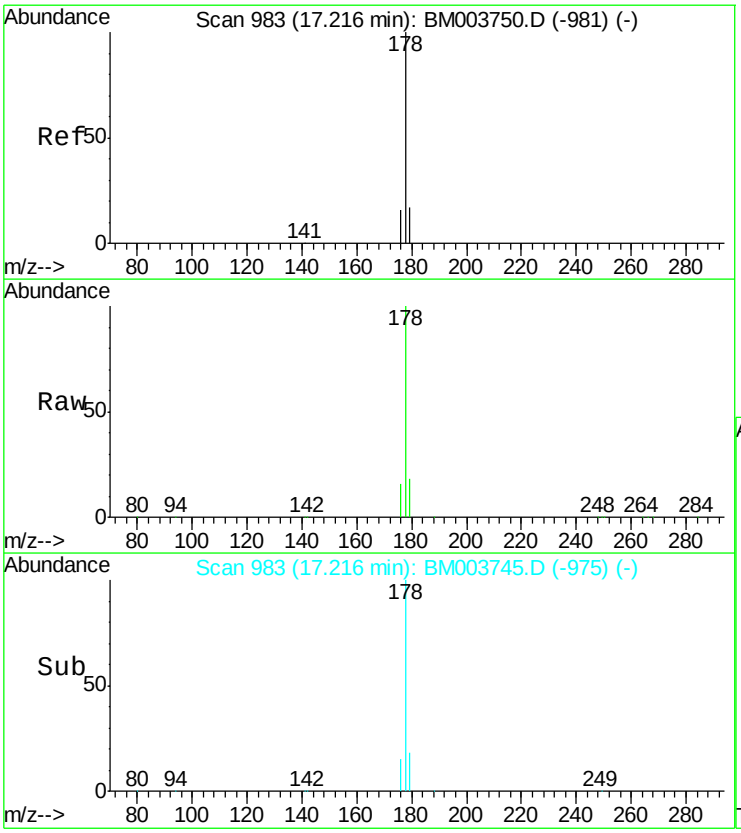
#23
Phenanthrene
Concen: 1.49 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 93274

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.1	12.2	18.4

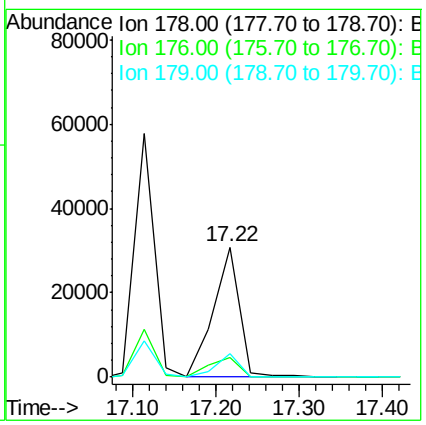


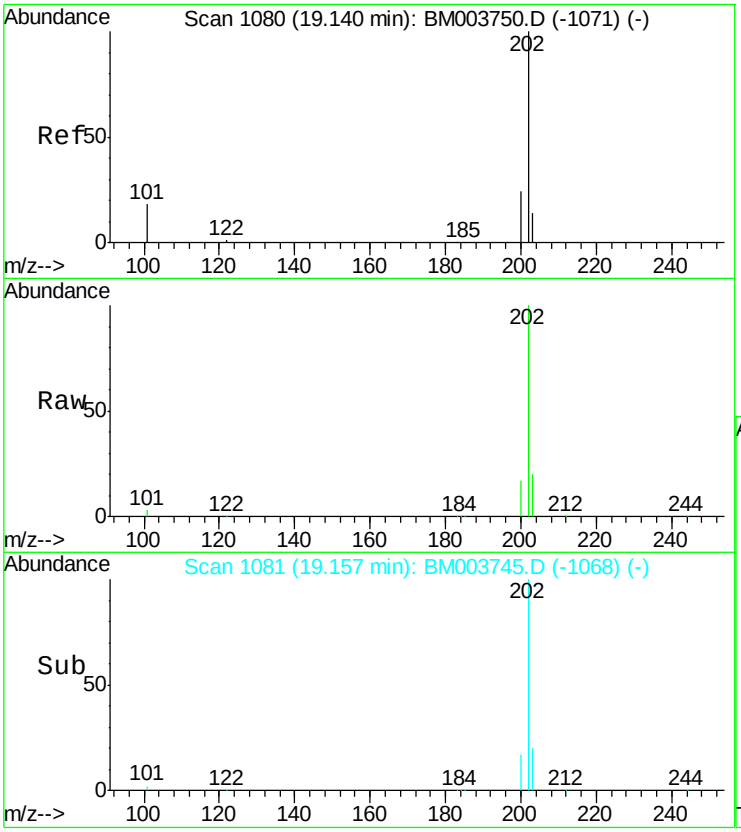


#24
Anthracene
Concen: 1.08 ng
RT: 17.22 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:178 Resp: 65916

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	16.0	12.6	19.0



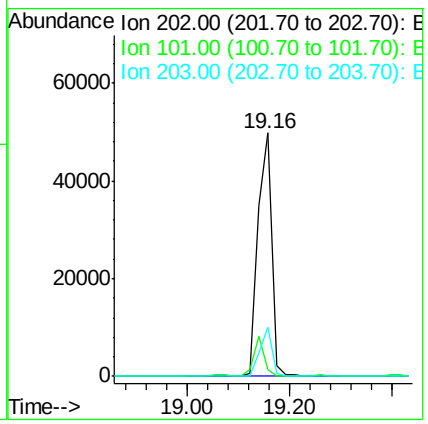


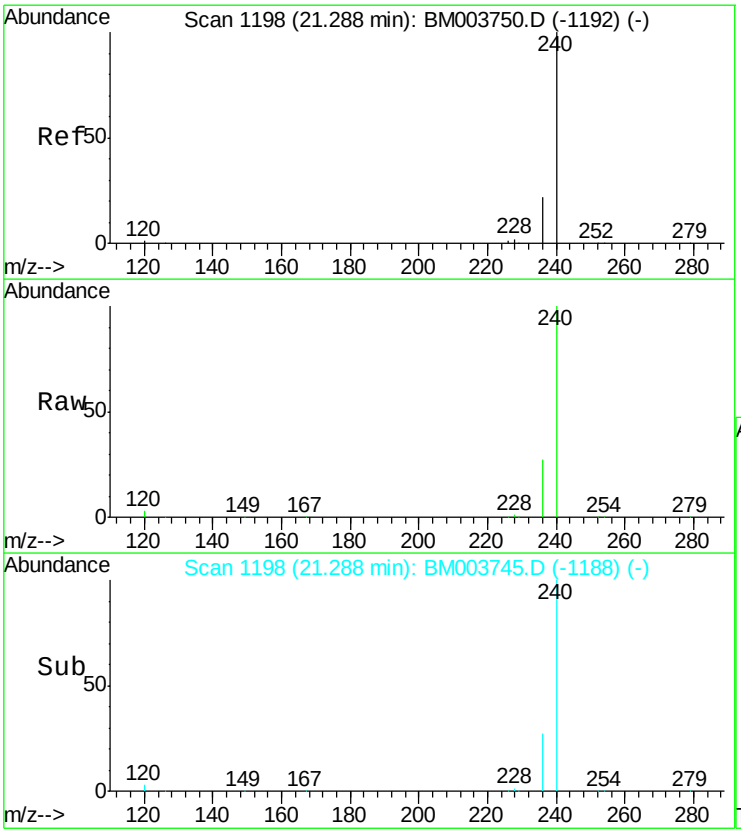
#25
Fluoranthene
Concen: 1.46 ng
RT: 19.16 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 90727

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
203	17.5	13.8	20.8

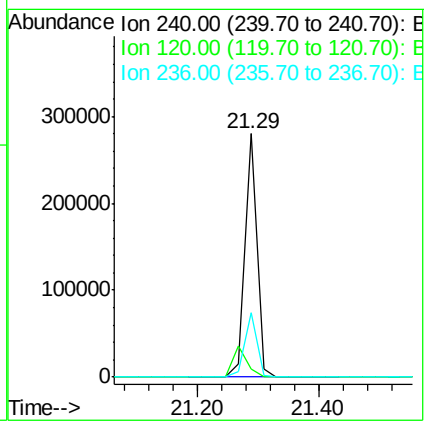


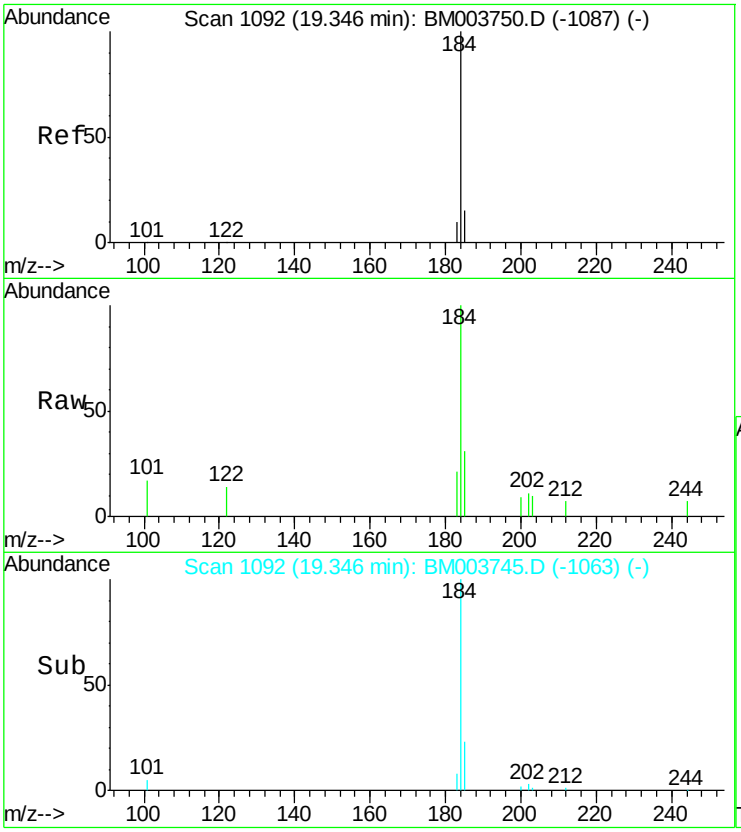


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:240 Resp: 377623

Ion	Ratio	Lower	Upper
240	100		
120	3.2	0.9	1.3#
236	26.5	17.3	25.9#



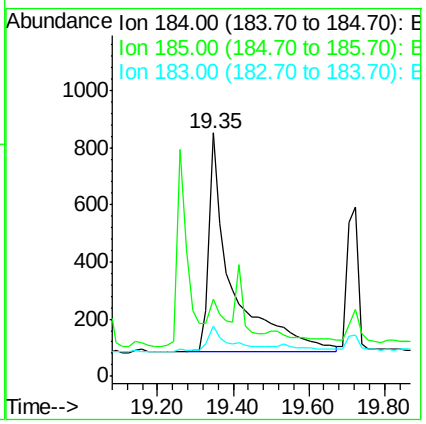


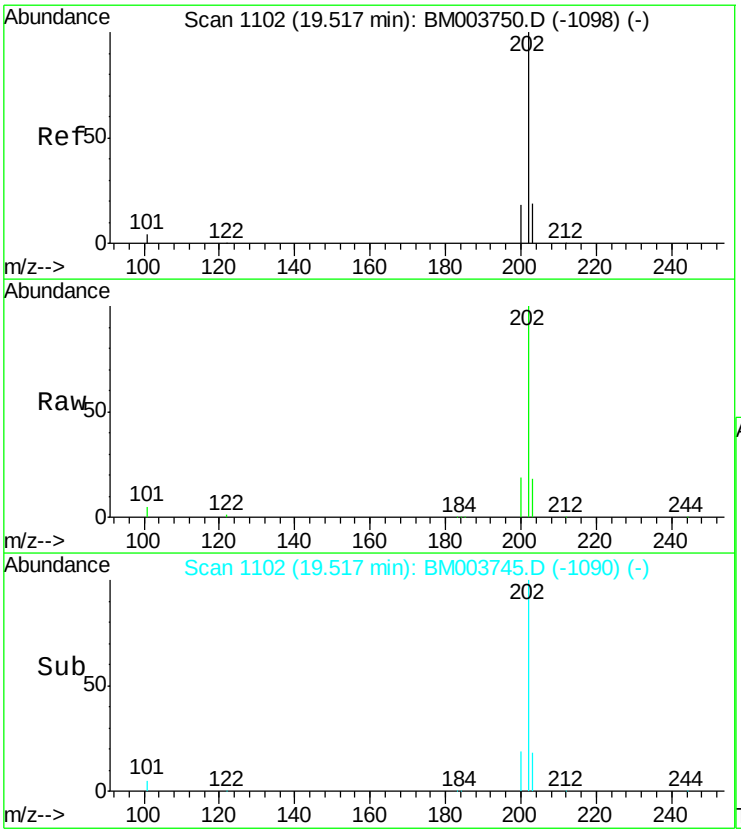
#27
Benzidine
Concen: 0.11 ng
RT: 19.35 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 3205

Ion	Ratio	Lower	Upper
184	100		
185	31.5	13.2	19.8#
183	20.9	9.0	13.6#

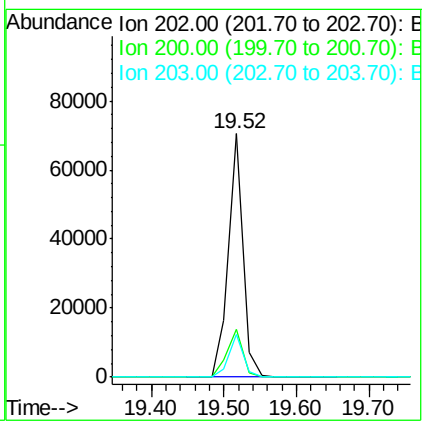


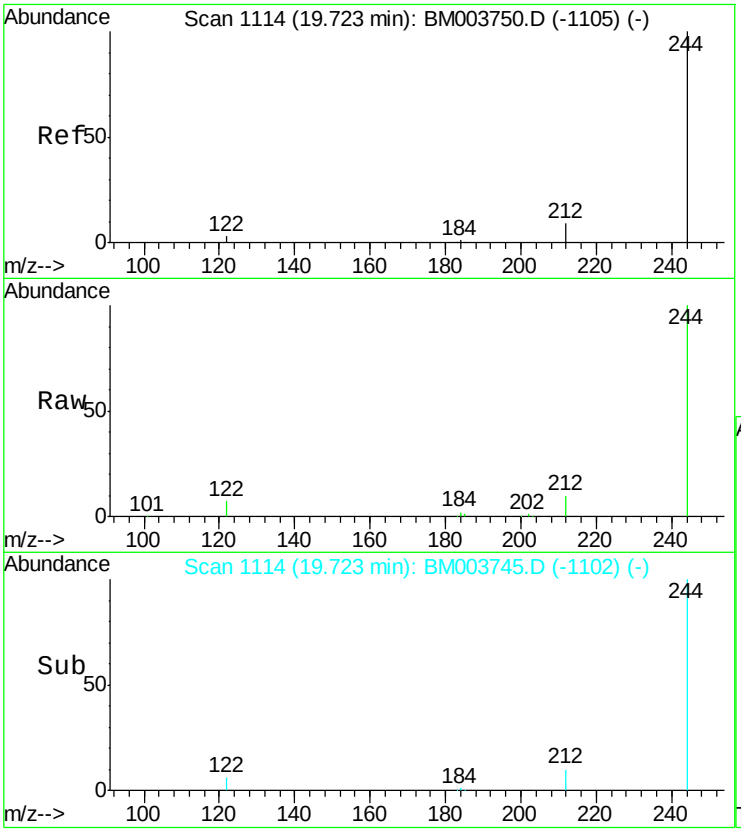


#28
Pyrene
Concen: 0.72 ng
RT: 19.52 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:202 Resp: 97594

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.4	14.0	21.0



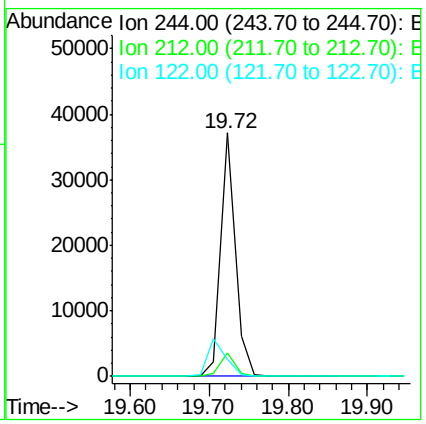


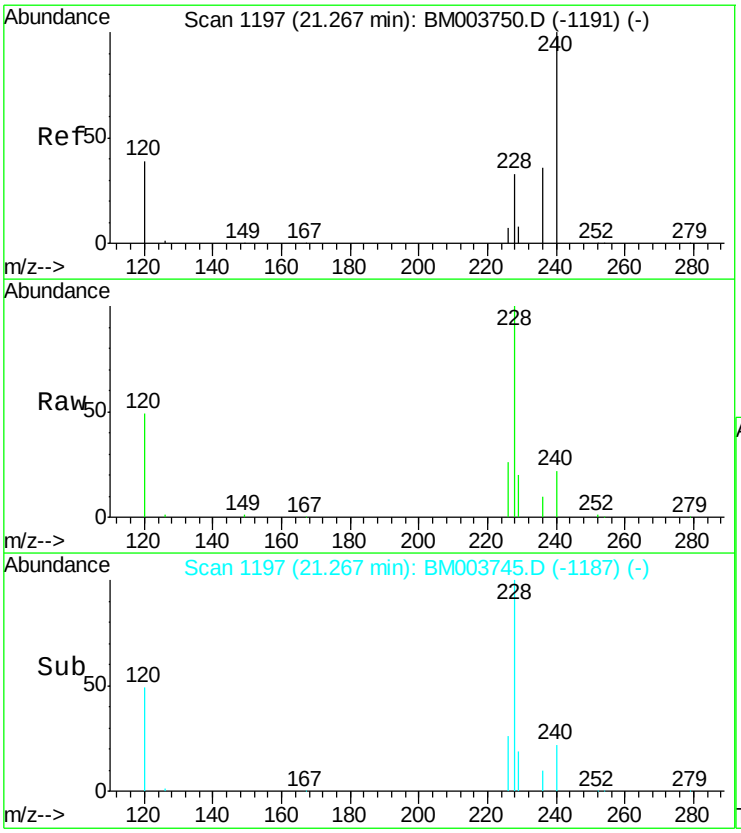
#29
Terphenyl-d14
Concen: 0.76 ng
RT: 19.72 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 46911

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.6
122	6.9	3.0	4.6#

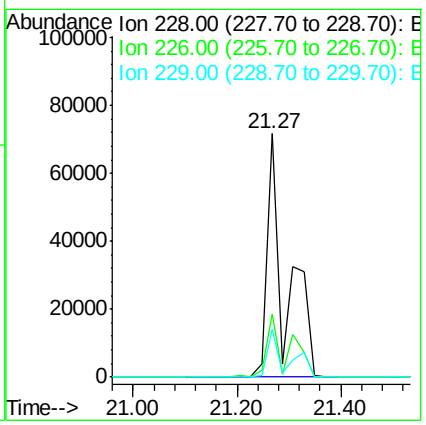


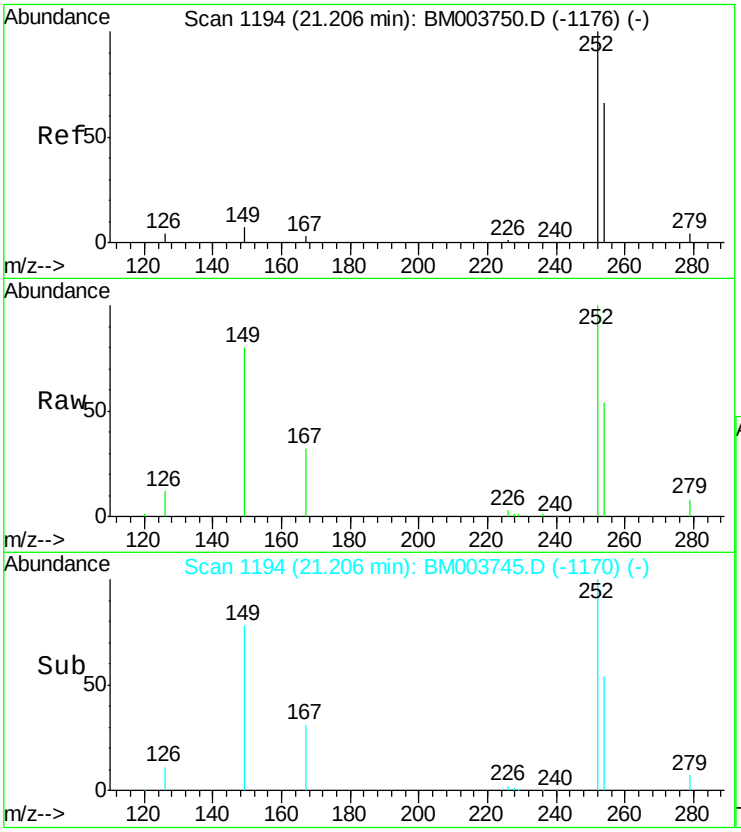


#30
Benzo(a)anthracene
Concen: 1.74 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:228 Resp: 176525

Ion	Ratio	Lower	Upper
228	100		
226	26.1	17.2	25.8#
229	19.5	18.7	28.1



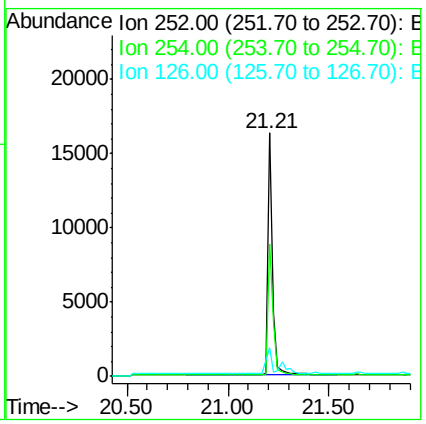


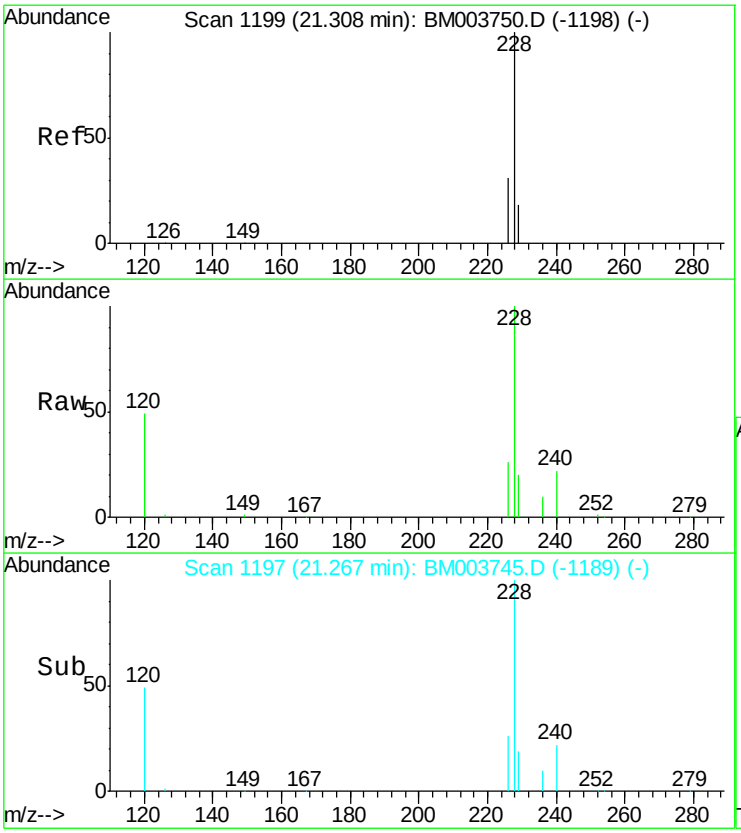
#31
3,3'-Dichlorobenzidine
Concen: 1.04 ng
RT: 21.21 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 27871

Ion	Ratio	Lower	Upper
252	100		
254	54.5	52.6	79.0
126	12.0	3.7	5.5#

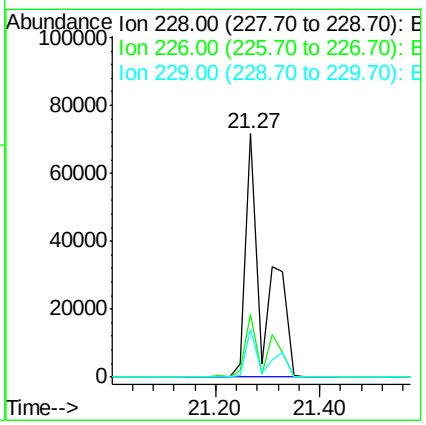


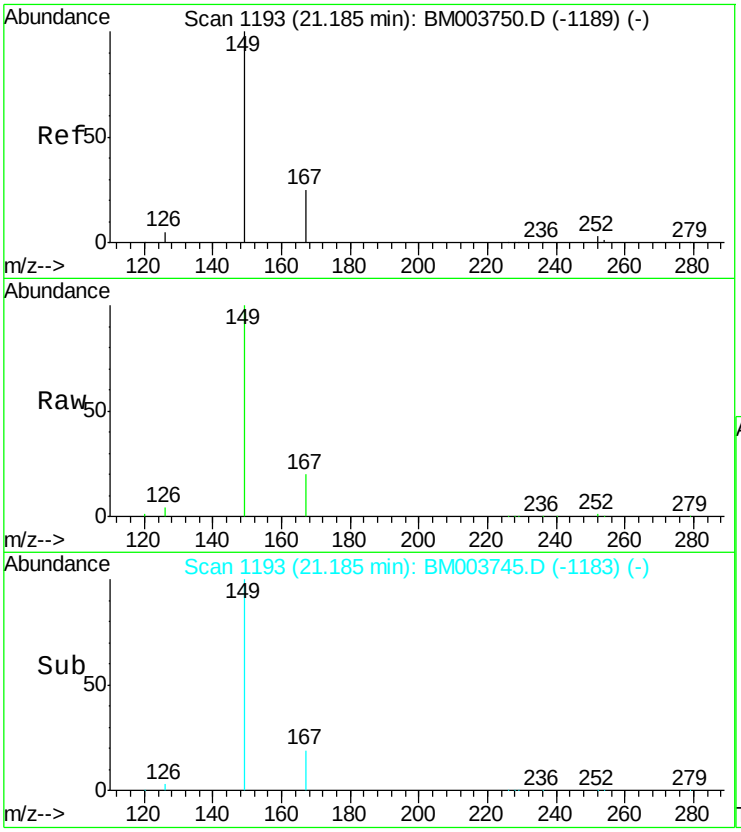


#32
Chrysene
Concen: 1.50 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:228 Resp: 176770

Ion	Ratio	Lower	Upper
228	100		
226	26.1	25.3	37.9
229	19.5	14.5	21.7



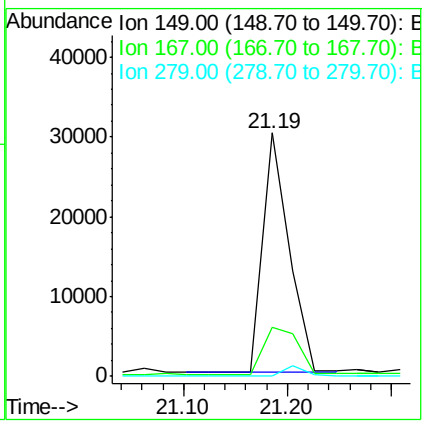


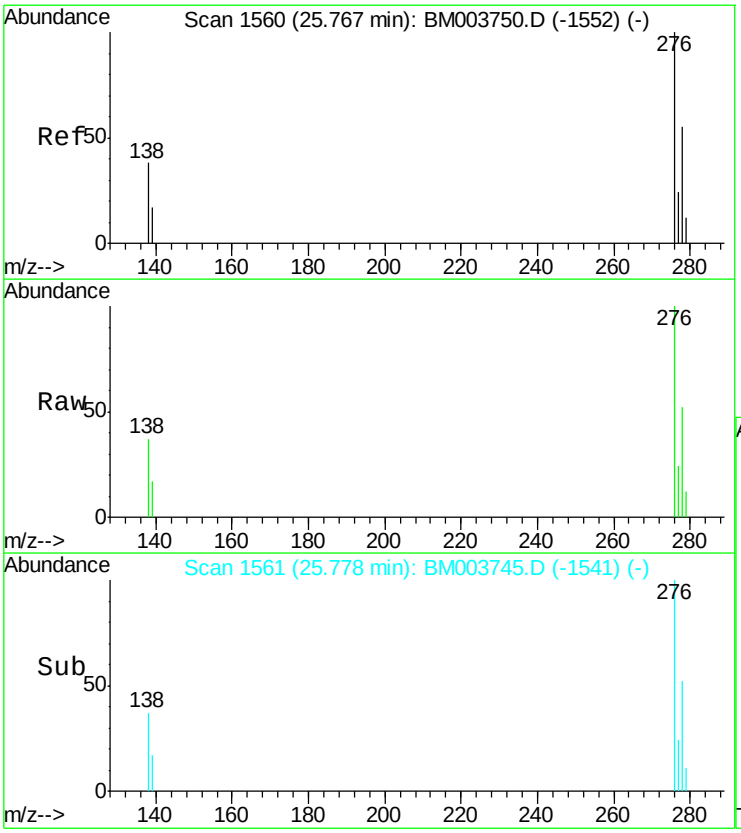
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.01 ng
RT: 21.19 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 53049

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.1	30.1
279	0.0	0.0	0.0

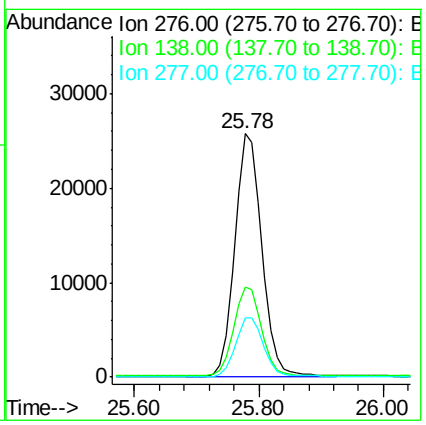


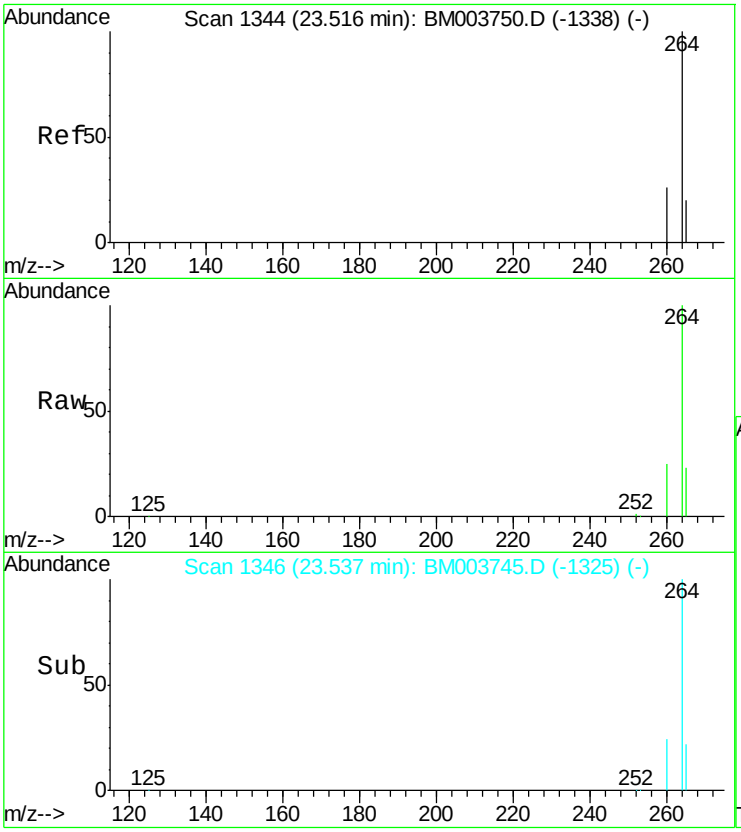


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.88 ng
RT: 25.78 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:276 Resp: 78346

Ion	Ratio	Lower	Upper
276	100		
138	37.3	30.2	45.2
277	24.7	19.8	29.8



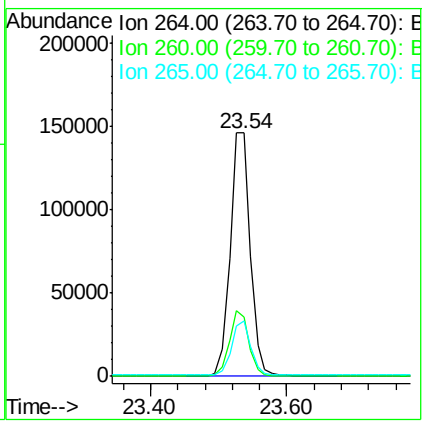


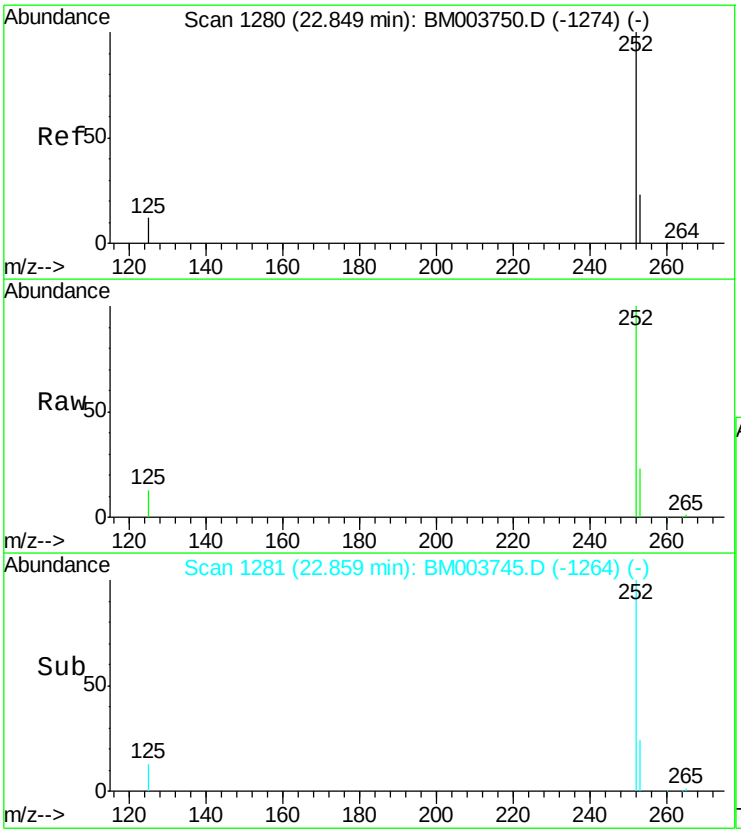
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.54 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 300886

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.2	31.8
265	22.6	16.7	25.1

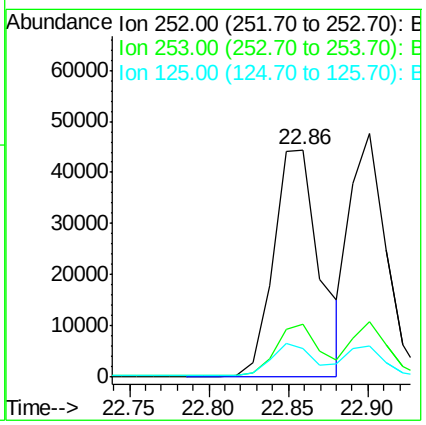


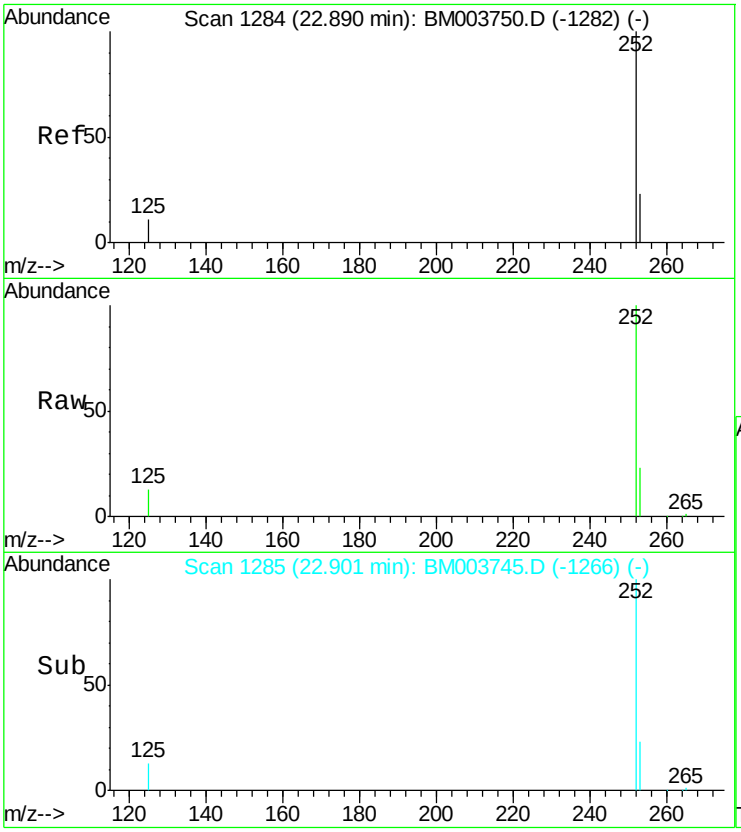


#36
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.86 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:252 Resp: 89256

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	12.6	10.2	15.4



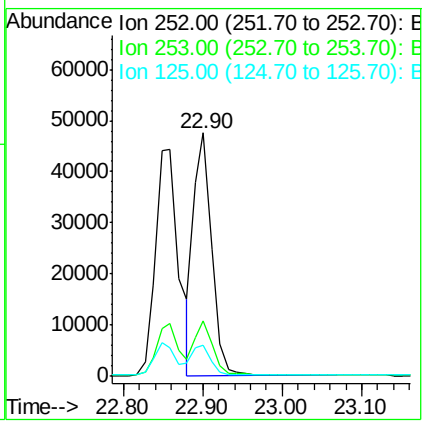


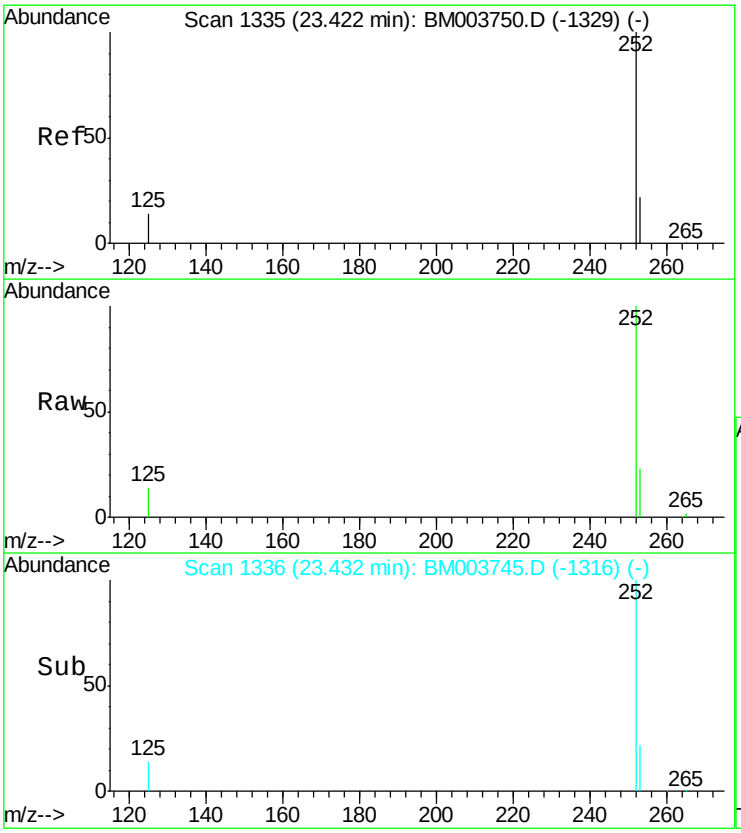
#37
Benzo(k)fluoranthene
Concen: 0.91 ng
RT: 22.90 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 74392

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.9	10.6	15.8

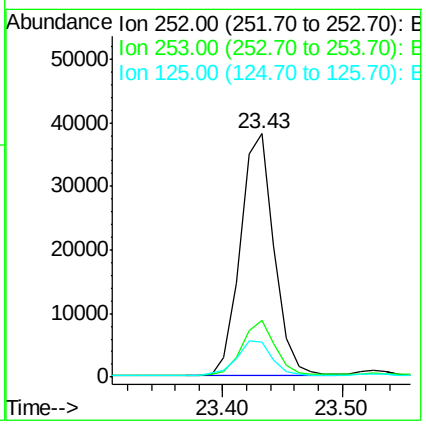


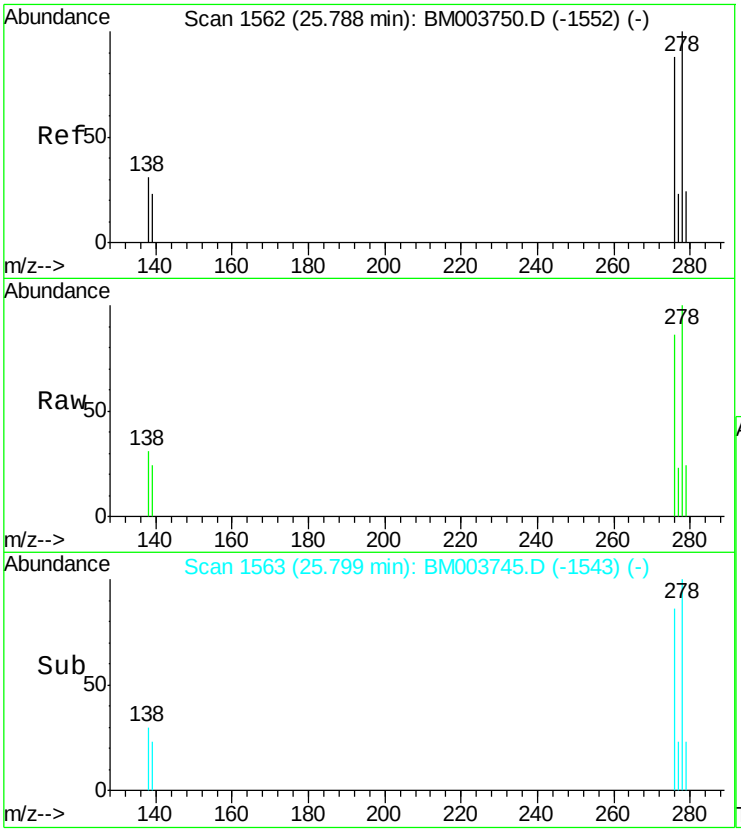


#38
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.43 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:252 Resp: 74855

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	14.3	11.8	17.8



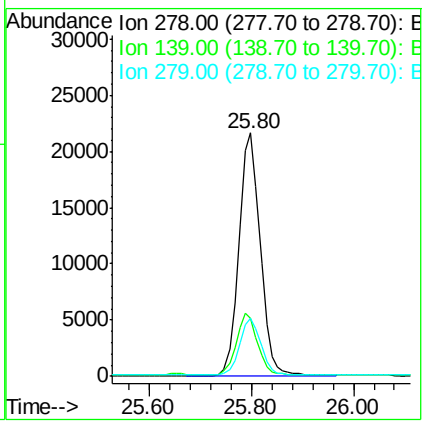


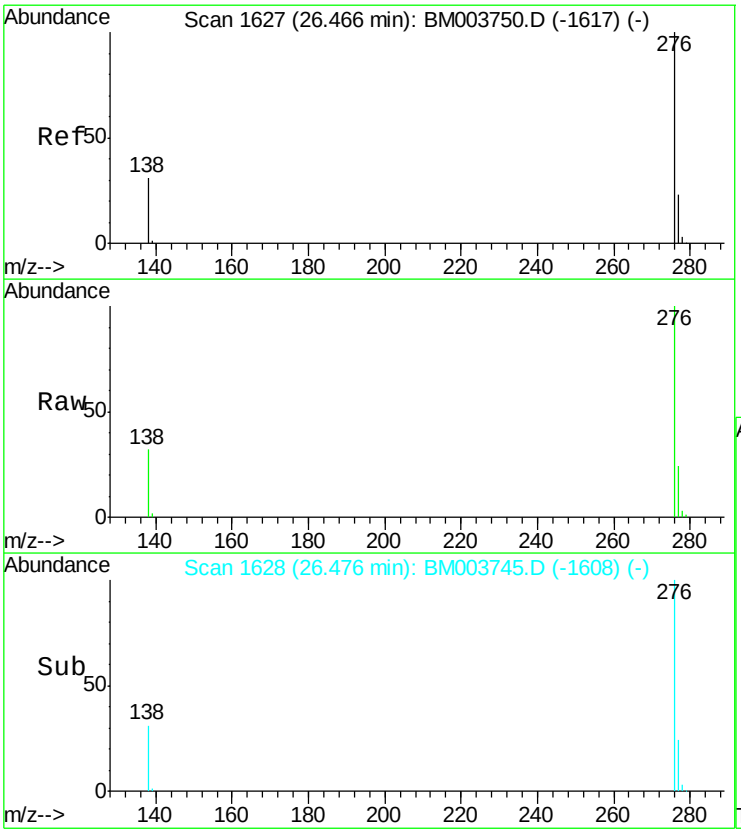
#39
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 25.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 62579

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.0	28.6
279	24.0	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.87 ng
RT: 26.48 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BM003745.D
Acq: 23 Dec 2015 15:24

Tgt Ion:276 Resp: 63277

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	31.7	25.0	37.4