Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003763.D
Acq On : 24 Dec 2015 04:41
Operator : UM/SJ
Sample : G4793-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 24 06:13:49 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 02:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	48244	5.00	ng		0.00
7) Naphthalene-d8	10.48	136	214085	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	118616	5.00	ng		0.00
19) Phenanthrene-d10	17.07	188	276670	5.00	ng		0.00
26) Chrysene-d12	21.28	240	266329	5.00	ng		-0.01
35) Perylene-d12	23.52	264	197112	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	42949	3.90	ng		0.00
5) Phenol-d6	6.87	99	34801	2.57	ng		0.00
8) Nitrobenzene-d5	8.85	82	50449	4.58	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	28427	8.52	ng		-0.02
15) 2-Fluorobiphenyl	12.95	172	170992	4.94	ng		0.00
29) Terphenyl-d14	19.71	244	165658	3.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	325	0.02	ng	#	28
3) n-Nitrosodimethylamine	3.46	42	185	0.04	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	352	0.03	ng	#	22
10) Naphthalene	10.51	128	36194	0.77	ng		100
12) 2-Methylnaphthalene	12.14	142	9161	0.29	ng		91
17) Acenaphthene	14.40	154	6631	0.20	ng	#	7
18) Fluorene	15.38	166	11298	0.29	ng		96
20) 4-Bromophenyl-phenylether	16.28	248	31	Below Cal		#	44
21) Hexachlorobenzene	16.40	284	28	Below Cal		#	48
22) Pentachlorophenol	16.74	266	1552	0.68	ng	#	81
23) Phenanthrene	17.12	178	54701	0.62	ng	#	75
24) Anthracene	17.12	178	57333	0.88	ng	#	73
25) Fluoranthene	19.15	202	5845	0.07	ng		99
27) Benzidine	19.35	184	693	0.54	ng	#	1
28) Pyrene	19.51	202	3256	0.04	ng	#	86
30) Benzo(a)anthracene	21.28	228	3073	0.04	ng	#	38
31) 3,3'-Dichlorobenzidine	21.20	252	68	0.30	ng	#	33
32) Chrysene	21.28	228	2997	0.04	ng	#	55
33) Bis(2-ethylhexyl)phthalate	21.17	149	3650	0.29	ng	#	50

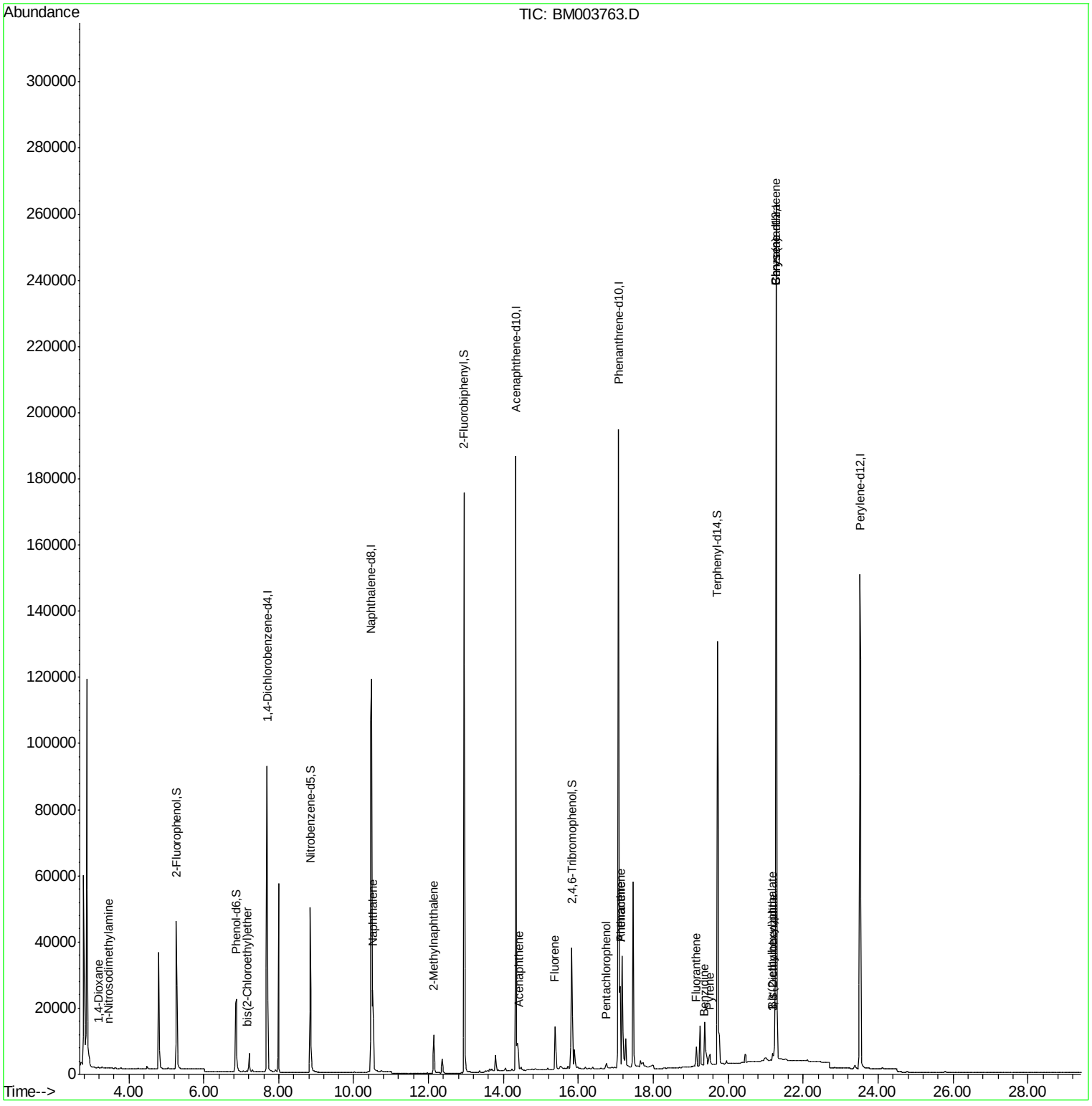
(#) = qualifier out of range (m) = manual integration (+) = signals summed

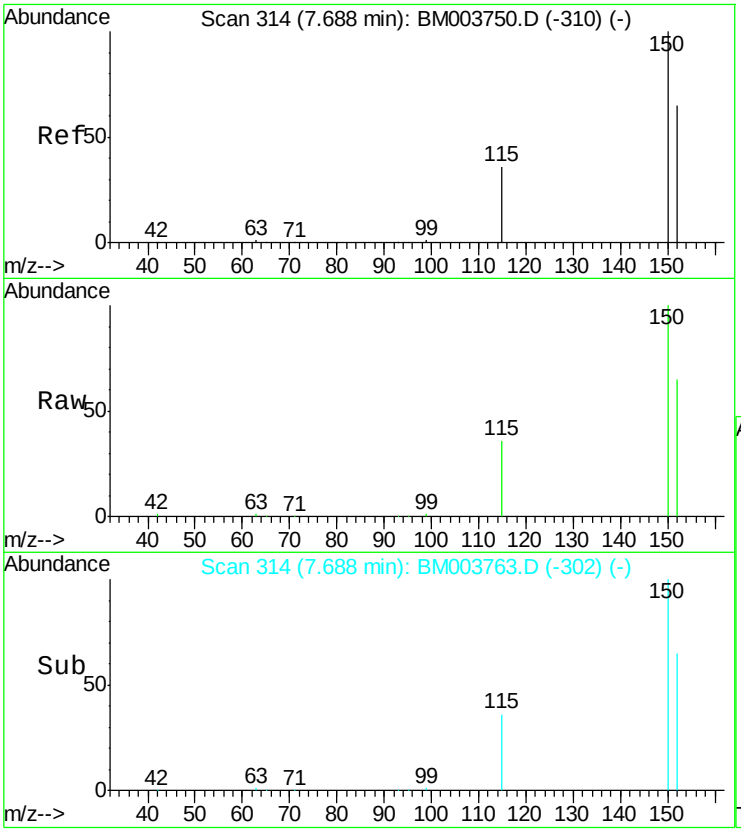
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003763.D
Acq On : 24 Dec 2015 04:41
Operator : UM/SJ
Sample : G4793-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 06:13:49 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 02:52:28 2015
Response via : Initial Calibration



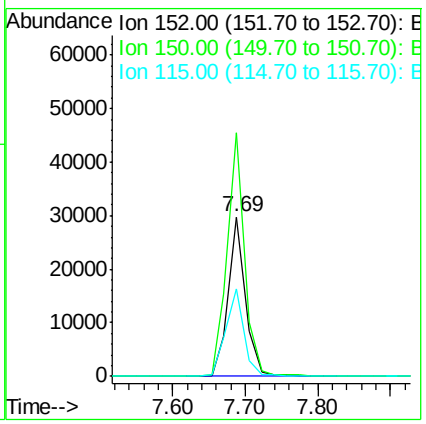


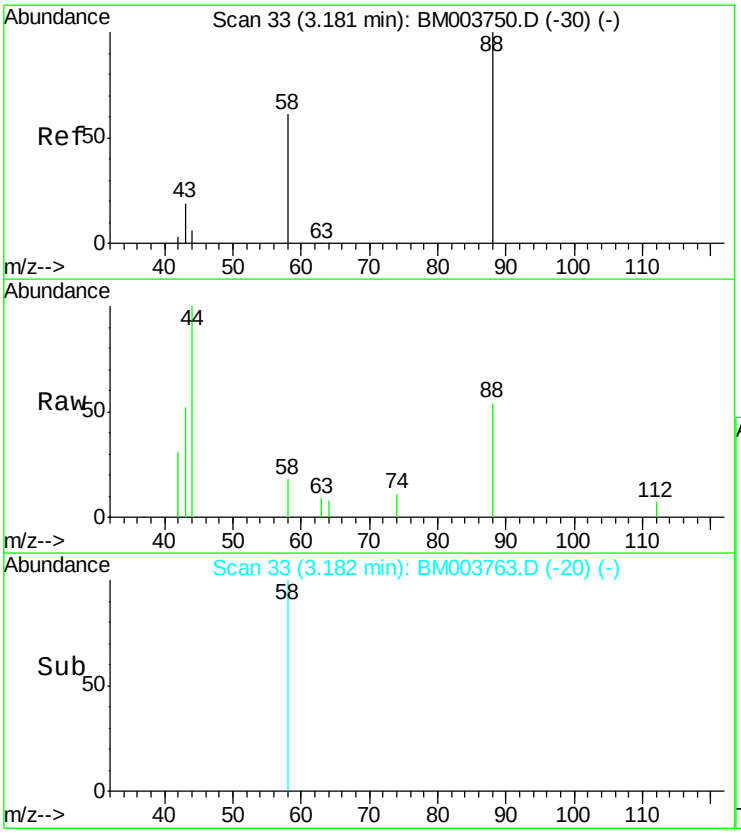
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 48244

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.9	184.3
115	54.7	44.4	66.6

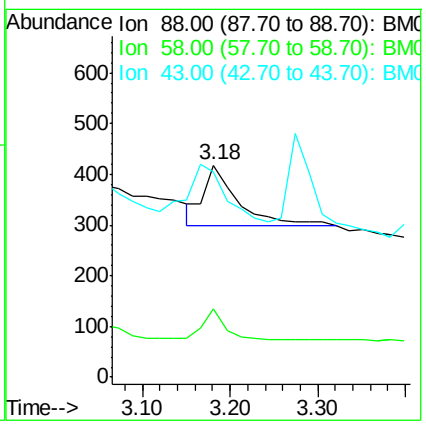


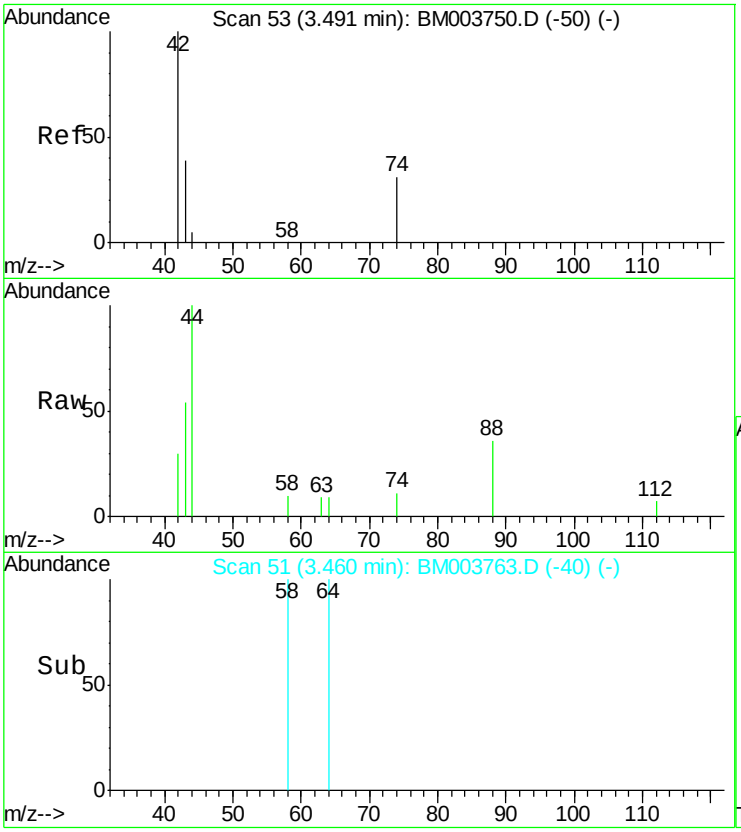


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion: 88 Resp: 325

Ion	Ratio	Lower	Upper
88	100		
58	32.9	53.8	80.6#
43	104.0	23.8	35.6#



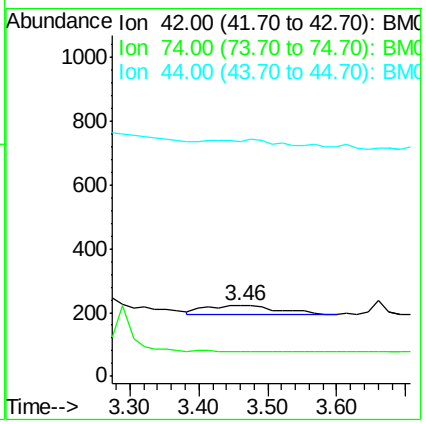


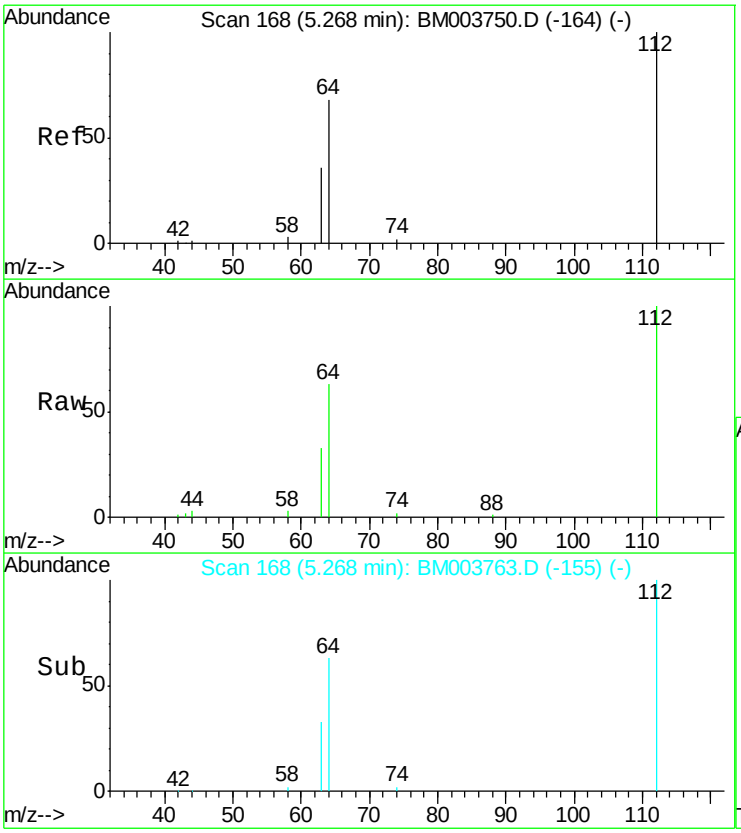
#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.46 min Scan# 51
Delta R.T. -0.03 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 185

Ion	Ratio	Lower	Upper
42	100		
74	0.0	95.0	142.4#
44	0.0	5.1	7.7#

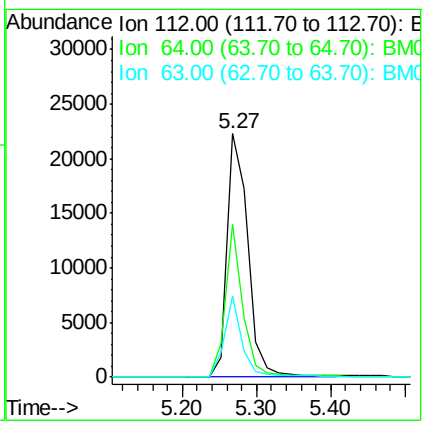


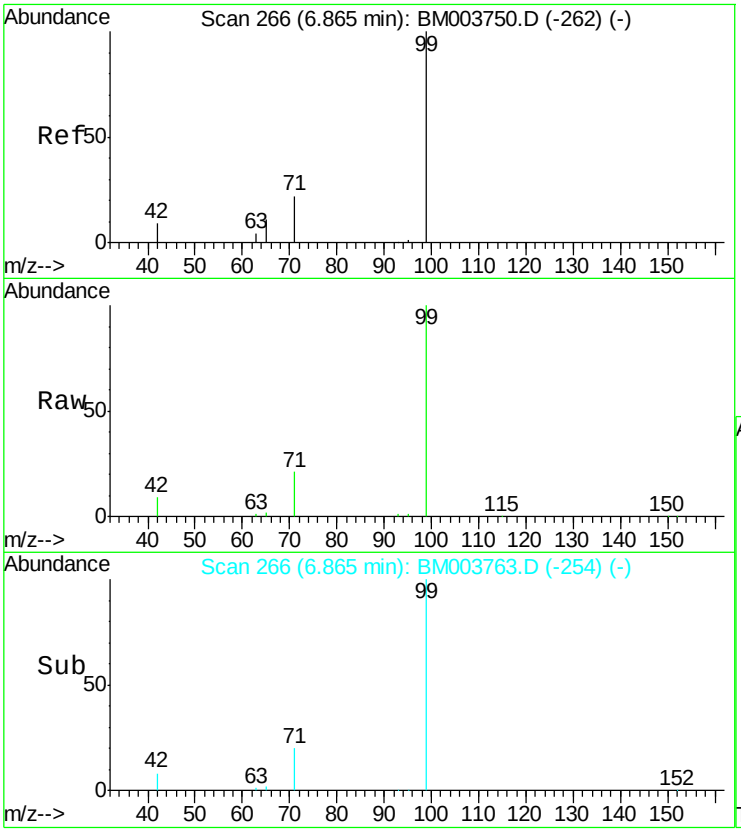


#4
2-Fluorophenol
Concen: 3.90 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:112 Resp: 42949

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.6	22.1	33.1



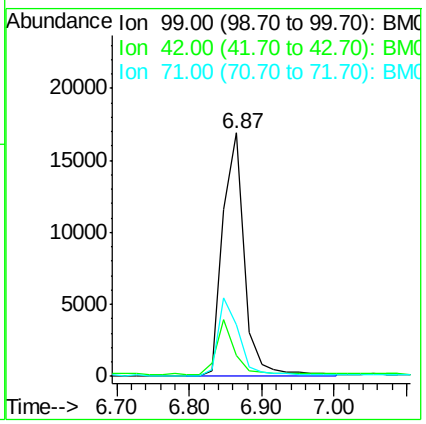


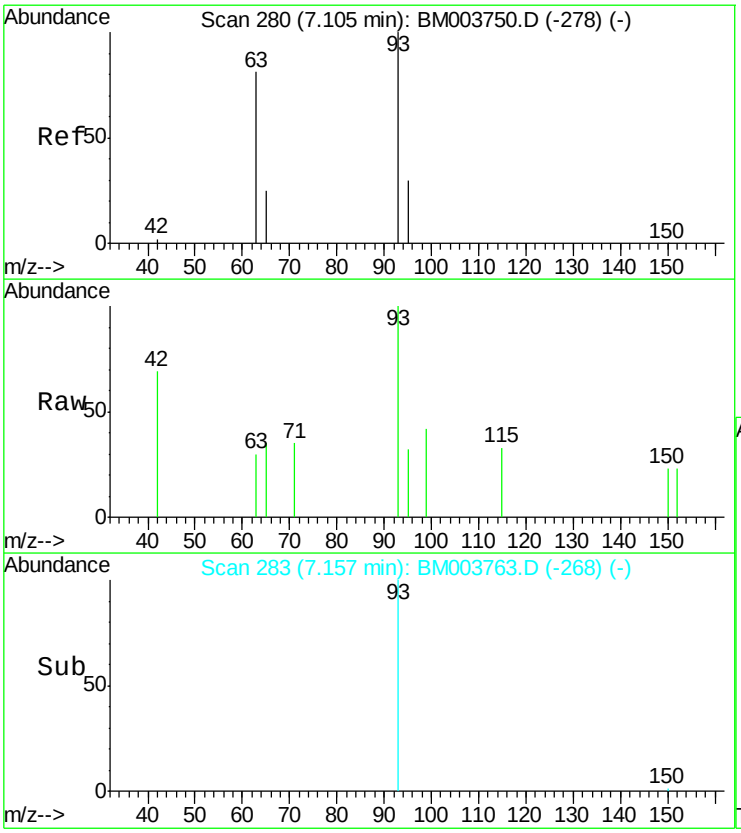
#5
Phenol-d6
Concen: 2.57 ng
RT: 6.87 min Scan# 266
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 34801

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.2	24.2
71	30.8	24.4	36.6

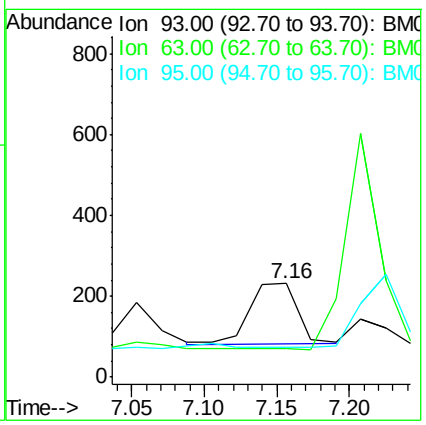


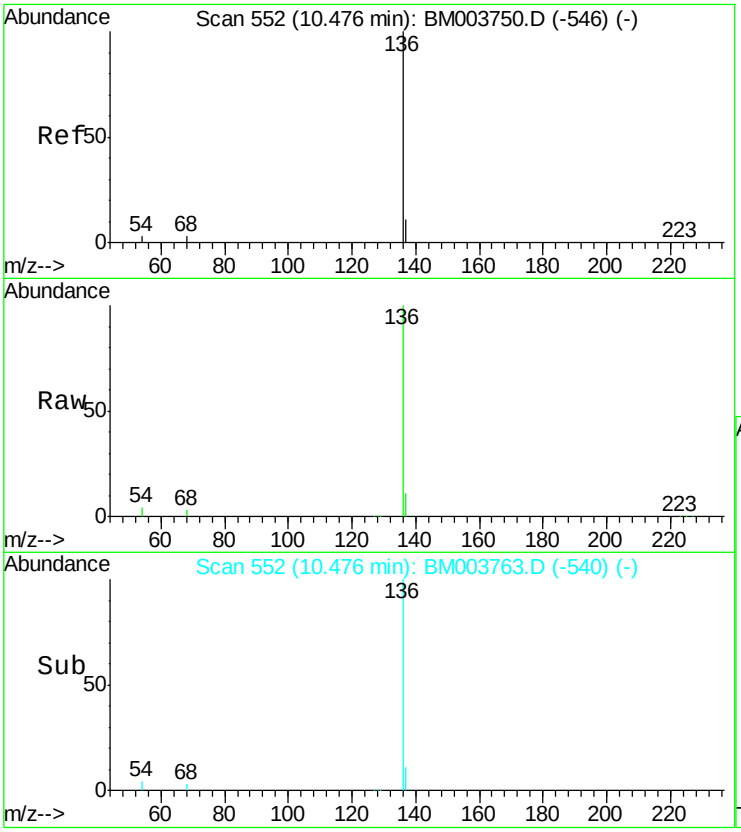


#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.16 min Scan# 283
Delta R.T. 0.05 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion: 93 Resp: 352

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.3	87.5#
95	0.0	25.8	38.8#



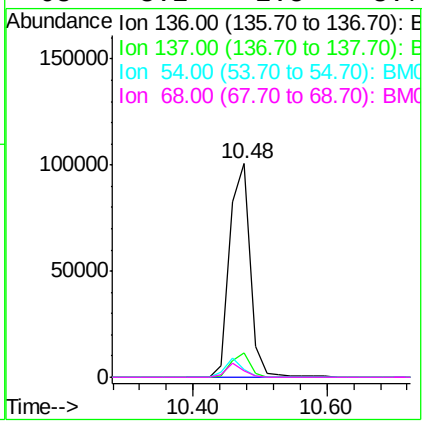


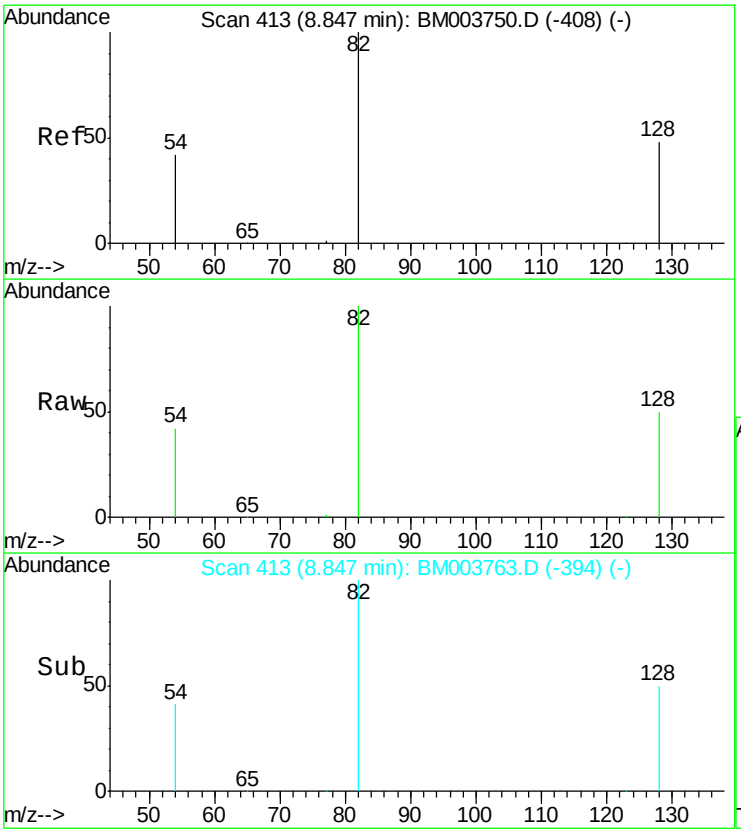
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.48 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 214085

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.7	2.8	4.2
68	3.2	2.5	3.7

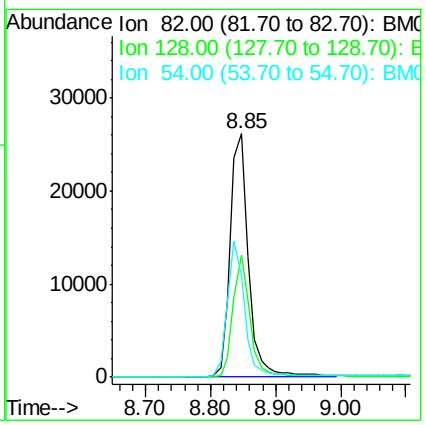


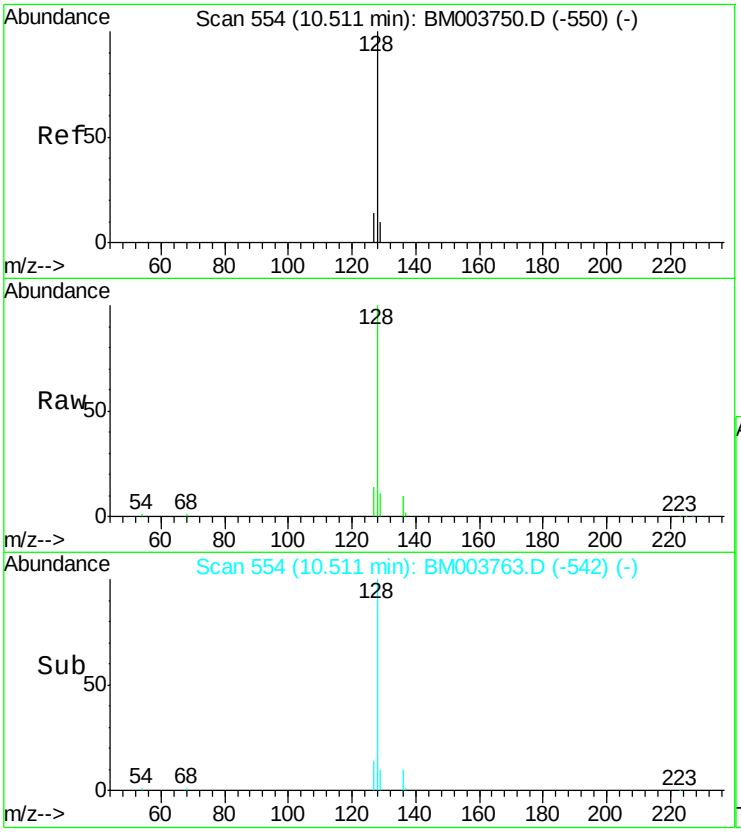


#8
Nitrobenzene-d5
Concen: 4.58 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion: 82 Resp: 50449

Ion	Ratio	Lower	Upper
82	100		
128	50.0	39.1	58.7
54	41.7	34.8	52.2



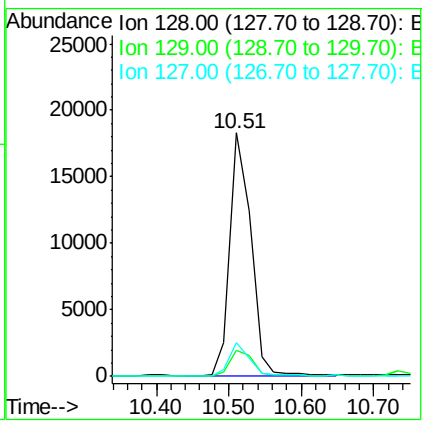


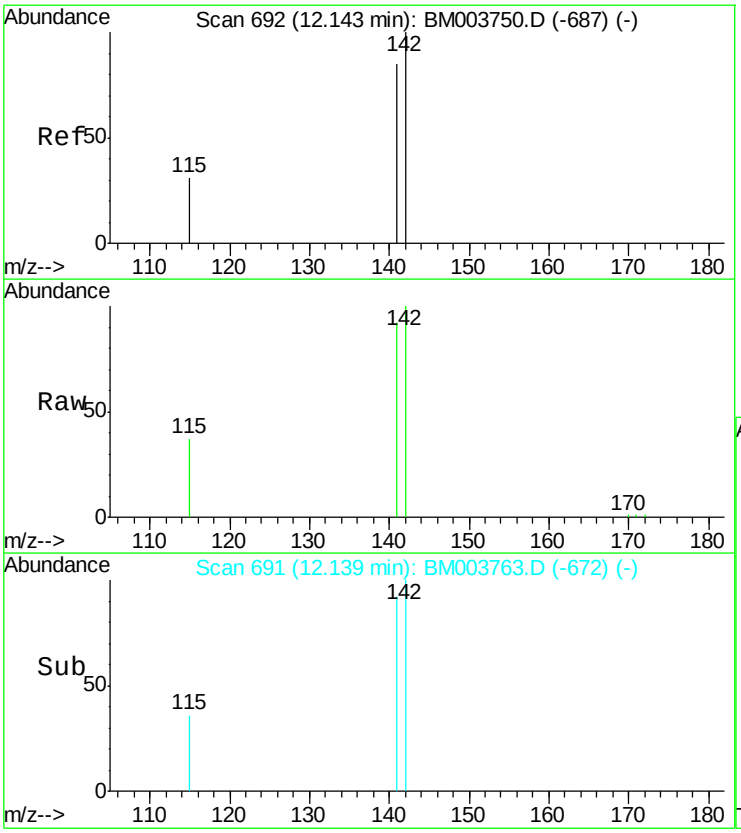
#10
Naphthalene
Concen: 0.77 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 36194

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.9	11.0	16.4

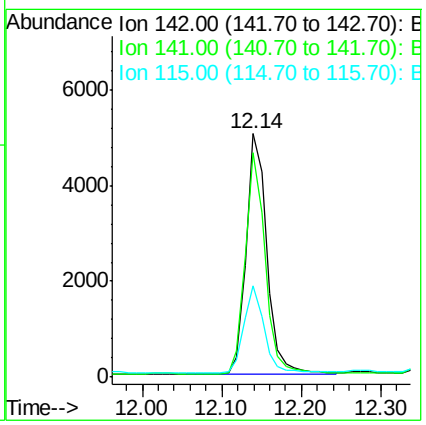


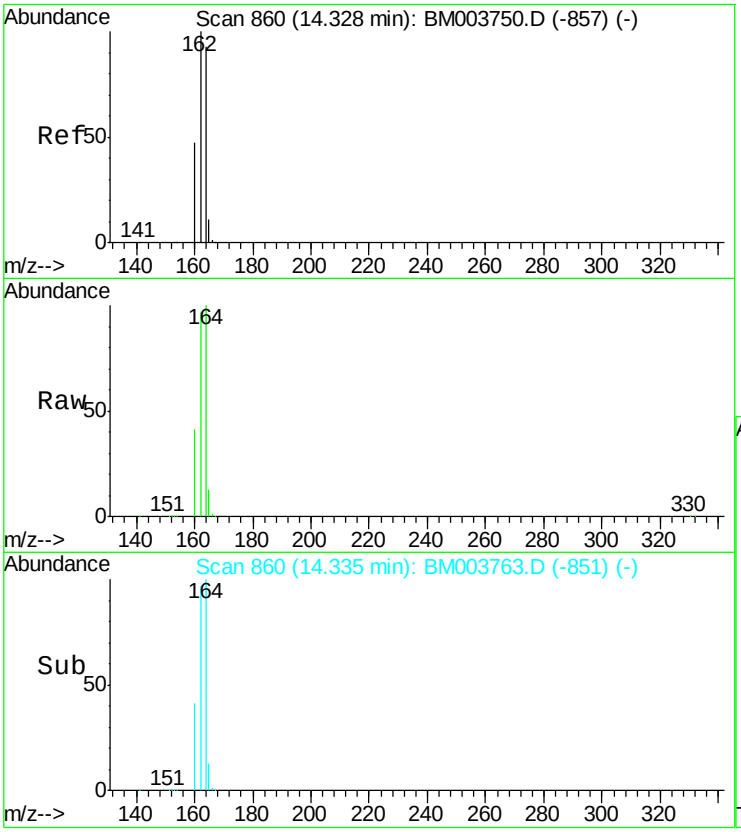


#12
2-Methylnaphthalene
Concen: 0.29 ng
RT: 12.14 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:142 Resp: 9161

Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.8	101.8
115	37.5	25.3	37.9



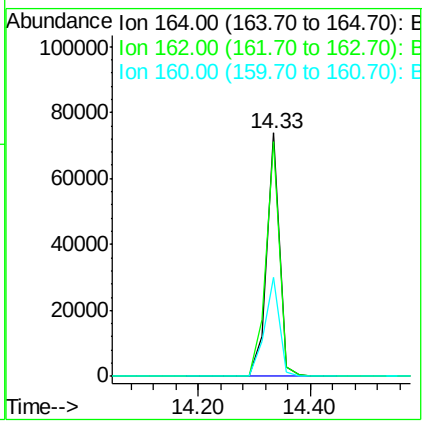


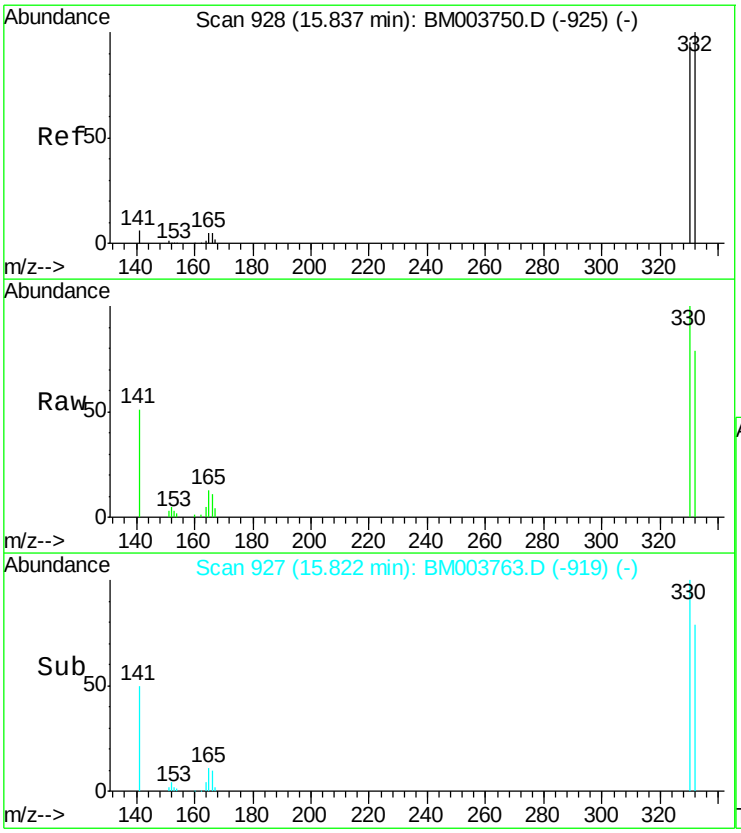
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 118616

Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.0	129.0
160	40.6	40.3	60.5

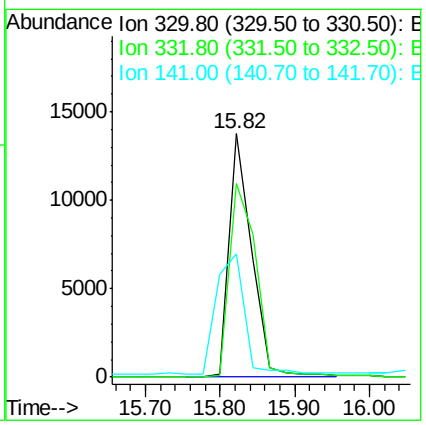


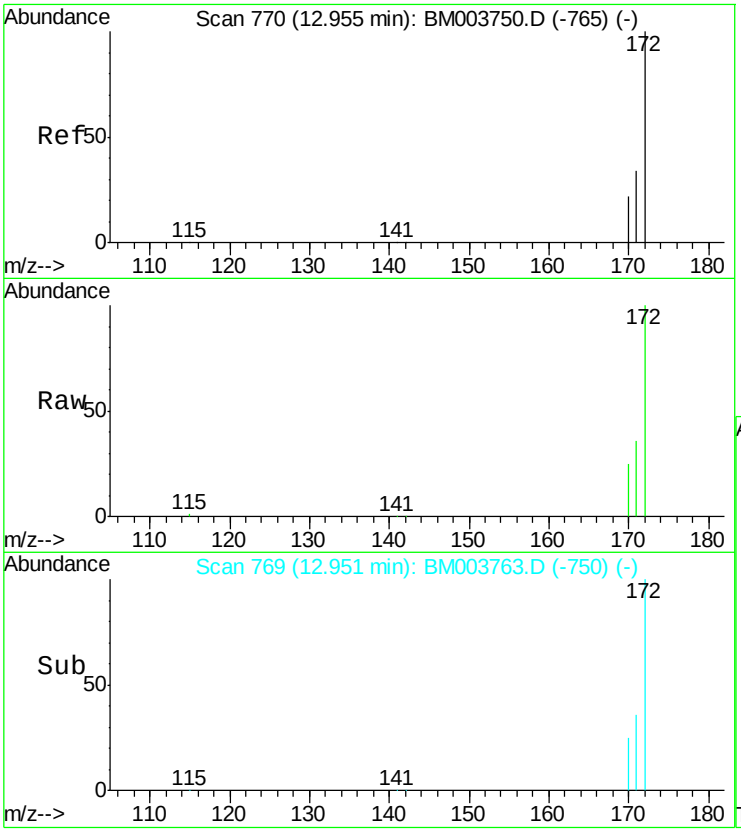


#14
2,4,6-Tribromophenol
Concen: 8.52 ng
RT: 15.82 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:330 Resp: 28427

Ion	Ratio	Lower	Upper
330	100		
332	93.1	79.0	118.4
141	63.6	0.0	0.0#



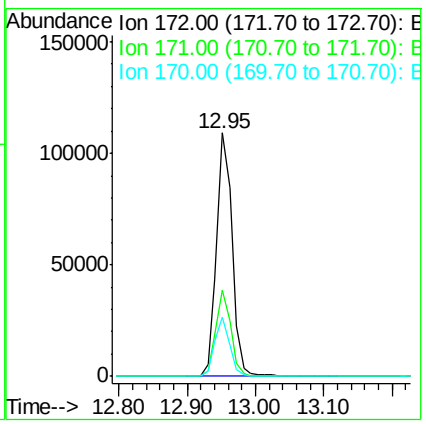


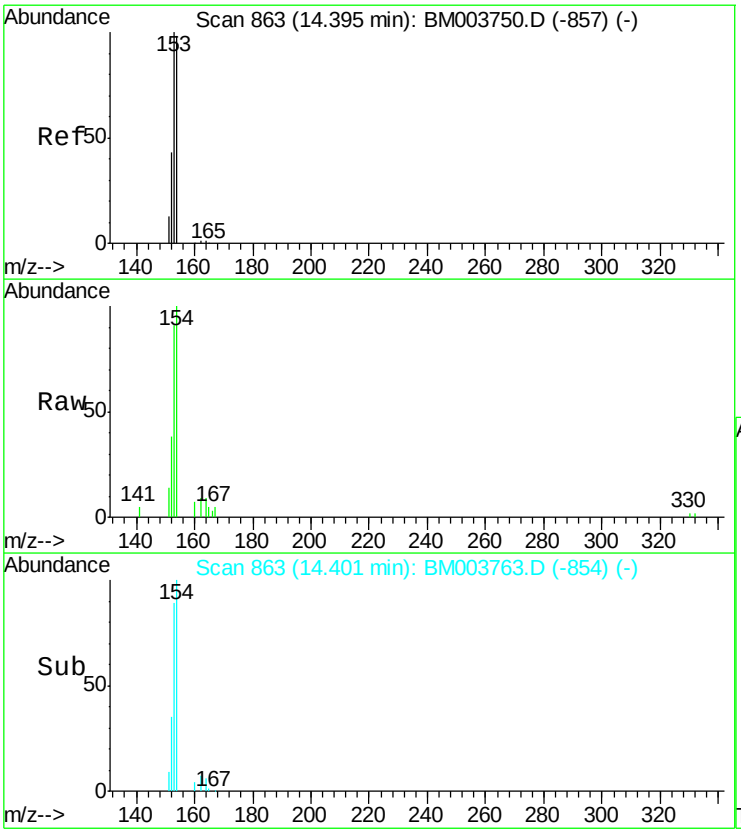
#15
2-Fluorobiphenyl
Concen: 4.94 ng
RT: 12.95 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 170992

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.0	40.6
170	24.6	17.9	26.9

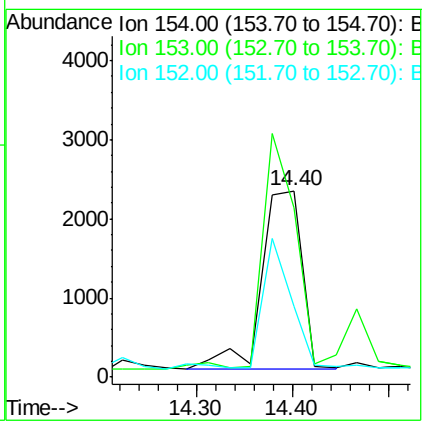


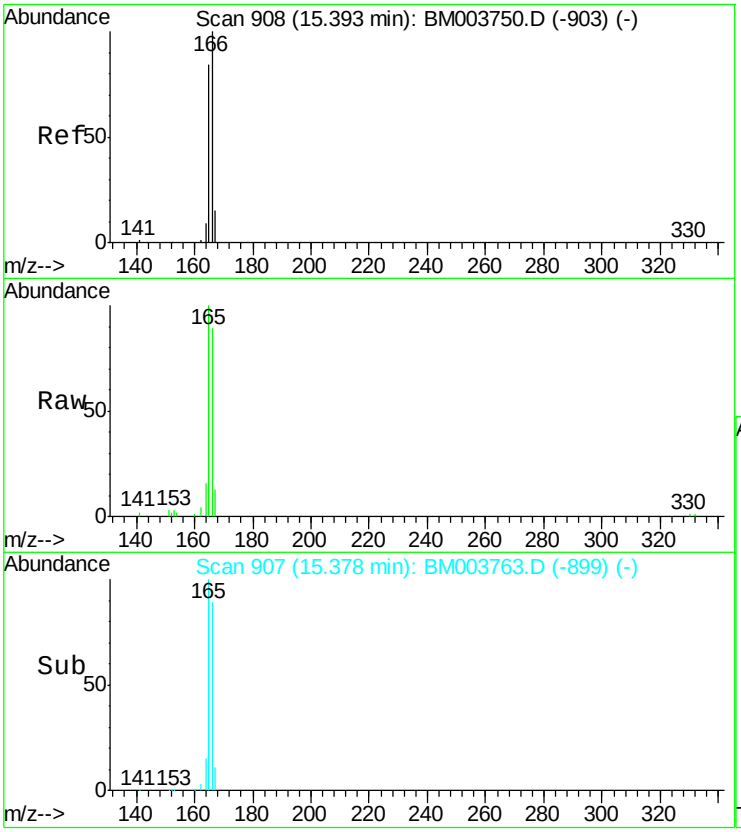


#17
Acenaphthene
Concen: 0.20 ng
RT: 14.40 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:154 Resp: 6631

Ion	Ratio	Lower	Upper
154	100		
153	0.0	85.4	128.2#
152	0.0	40.6	60.8#



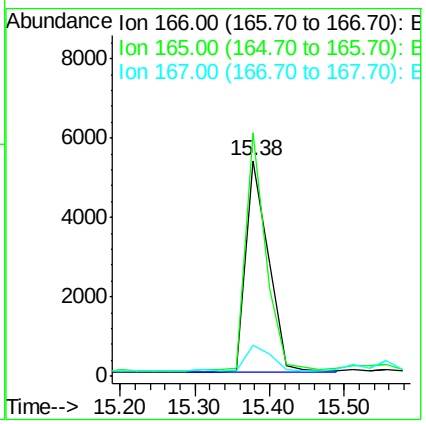


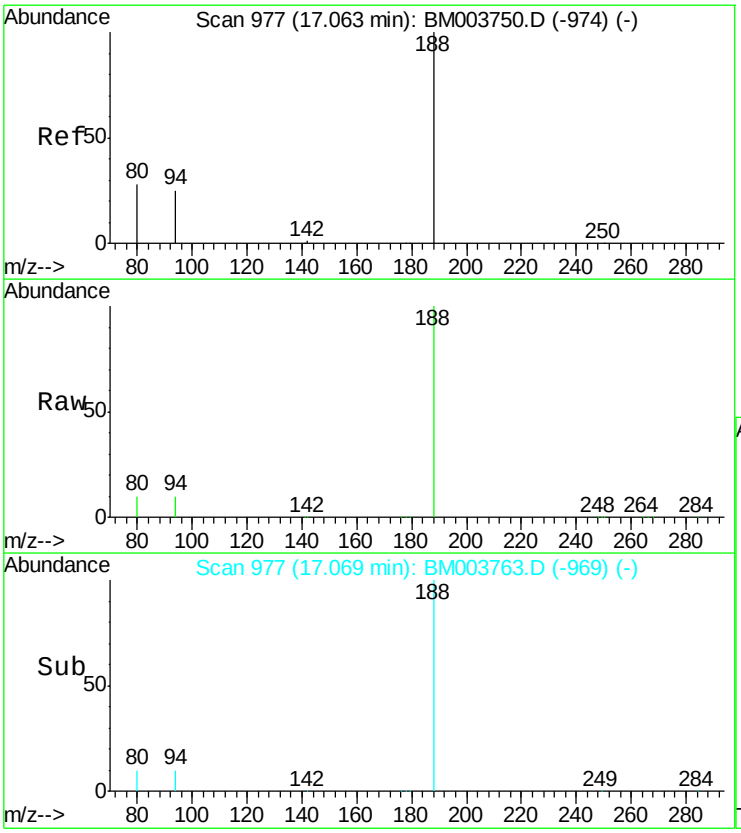
#18
Fluorene
Concen: 0.29 ng
RT: 15.38 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 11298

Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.2	115.8
167	13.9	11.0	16.6

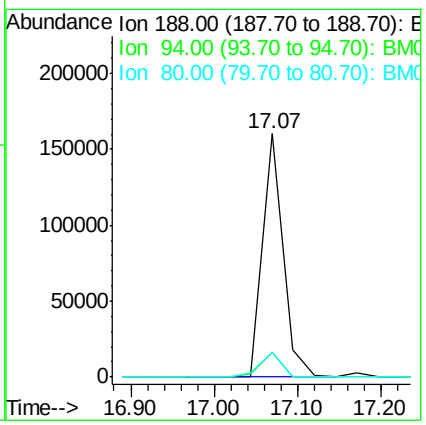


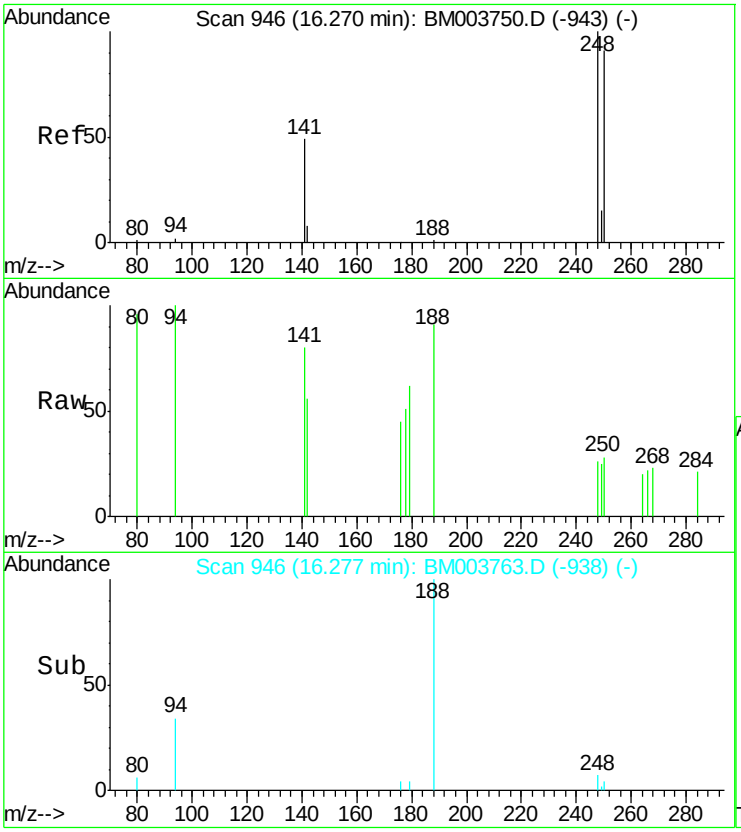


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.07 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:188 Resp: 276670

Ion	Ratio	Lower	Upper
188	100		
94	10.4	20.3	30.5#
80	9.9	22.2	33.4#



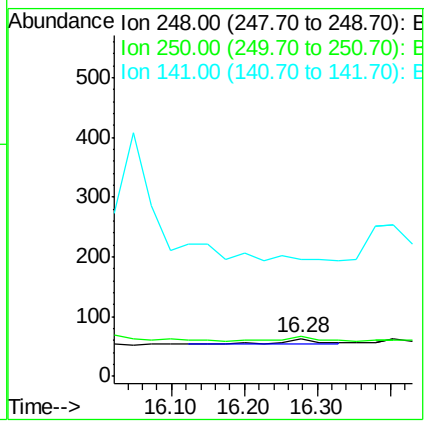


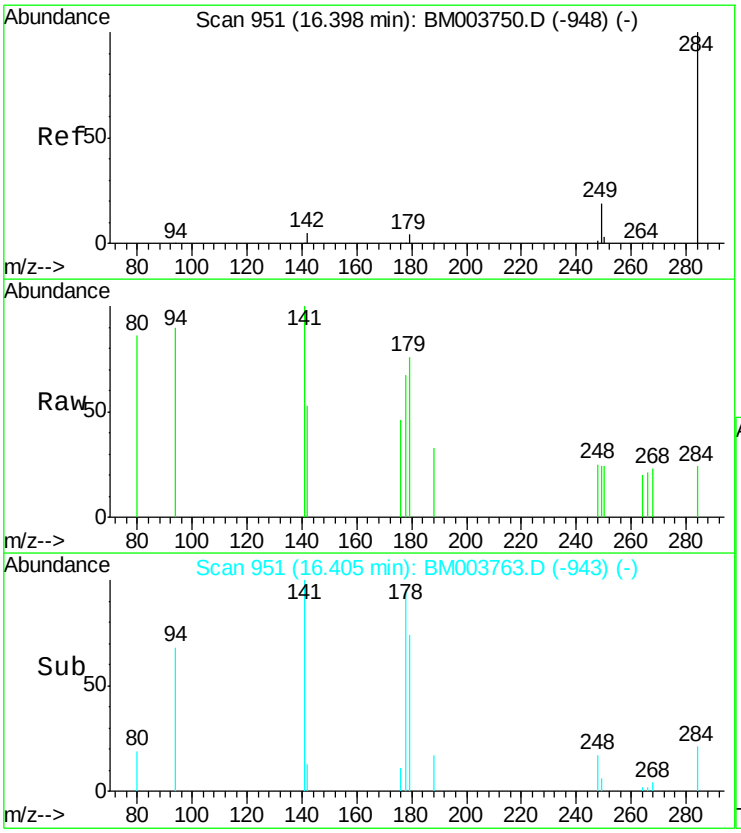
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.28 min Scan# 946
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 31

Ion	Ratio	Lower	Upper
248	100		
250	58.1	75.0	112.4#
141	0.0	53.0	79.4#

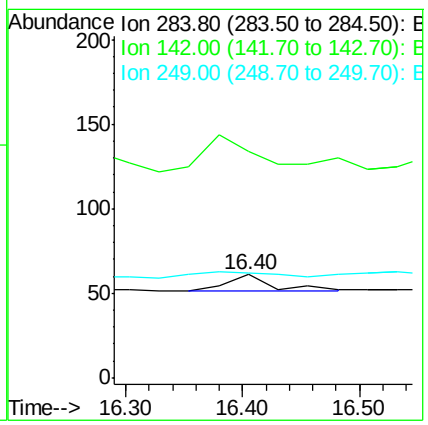


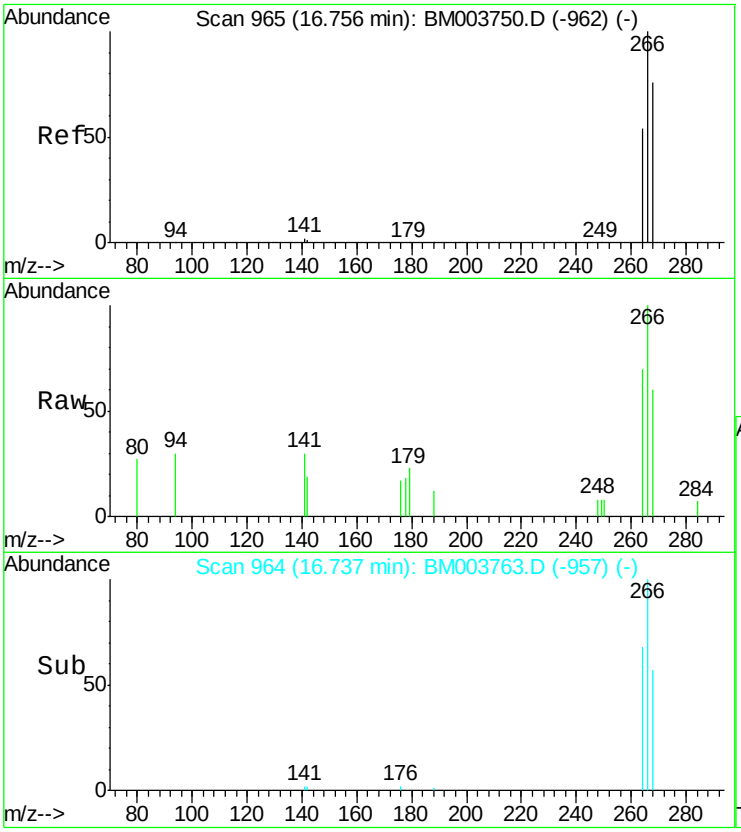


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.40 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:284 Resp: 28

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



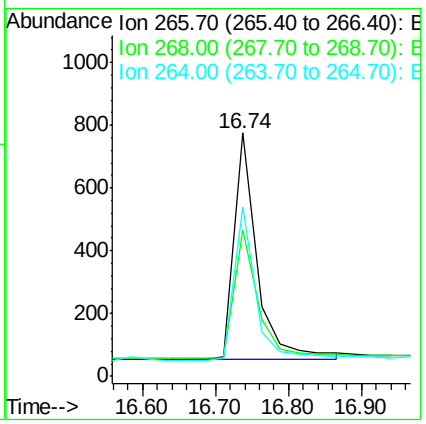


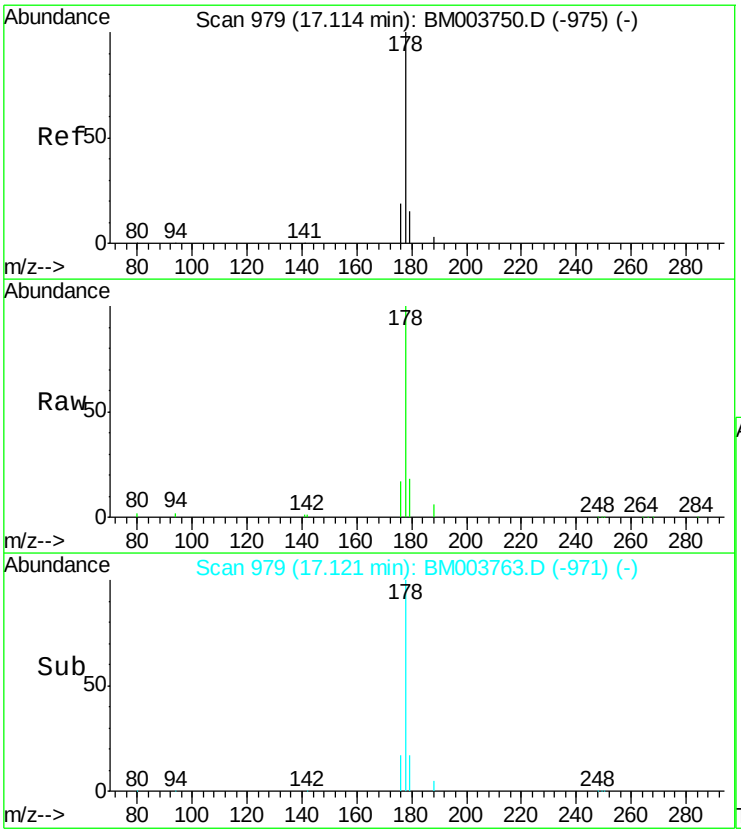
#22
Pentachlorophenol
Concen: 0.68 ng
RT: 16.74 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 1552

Ion	Ratio	Lower	Upper
266	100		
268	60.2	62.7	94.1#
264	69.6	45.7	68.5#

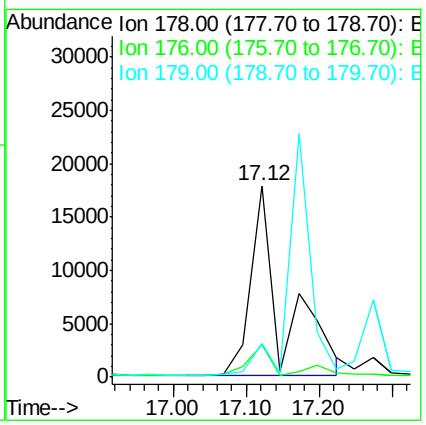


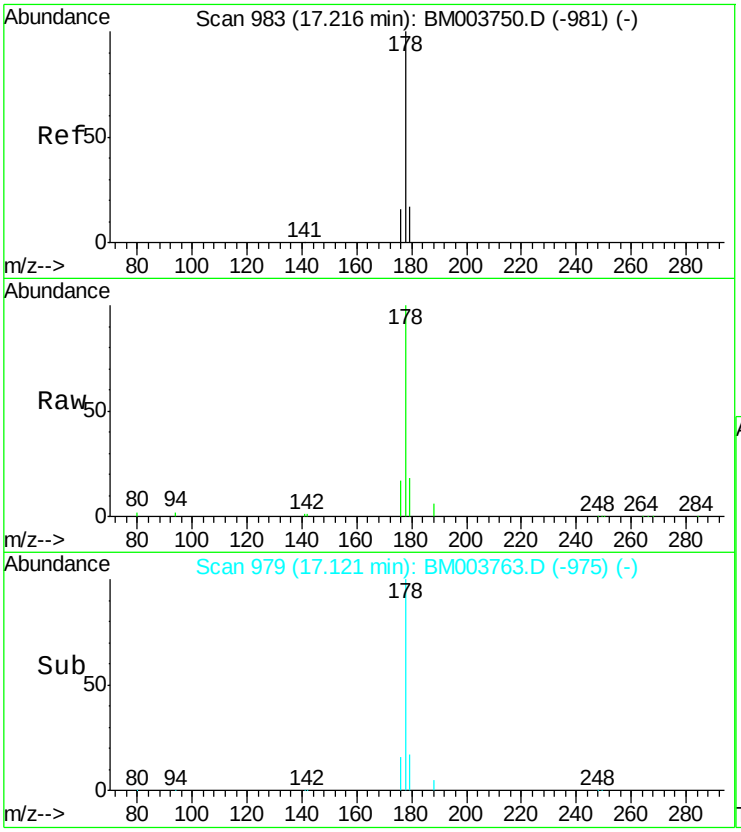


#23
Phenanthrene
Concen: 0.62 ng
RT: 17.12 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:178 Resp: 54701

Ion	Ratio	Lower	Upper
178	100		
176	11.8	15.4	23.0#
179	0.0	12.2	18.4#



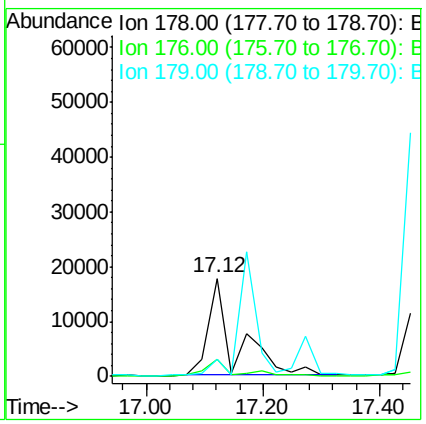


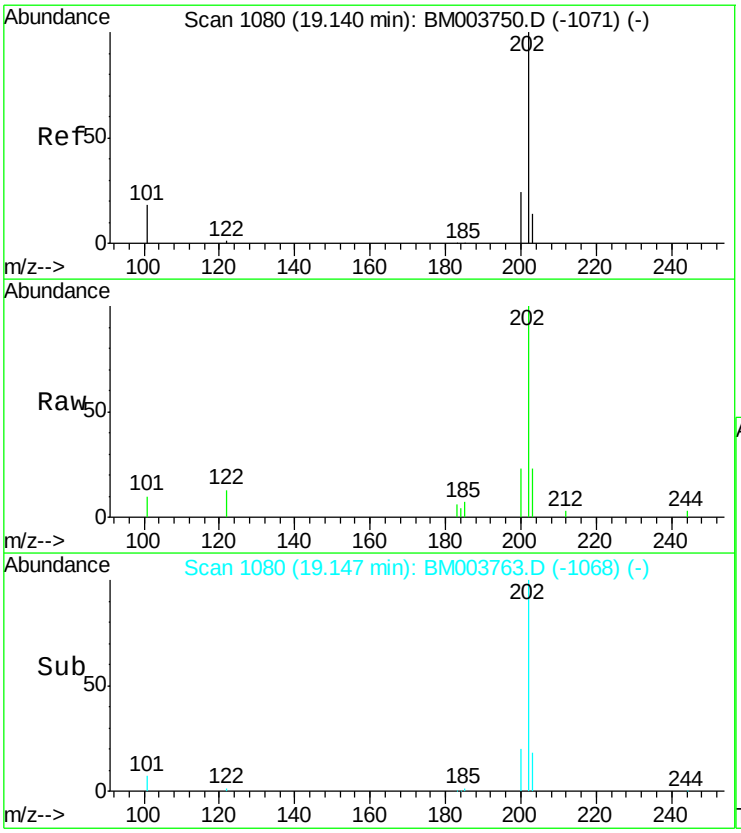
#24
Anthracene
Concen: 0.88 ng
RT: 17.12 min Scan# 979
Delta R.T. -0.10 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 57333

Ion	Ratio	Lower	Upper
178	100		
176	10.3	14.6	21.8#
179	0.0	12.6	19.0#

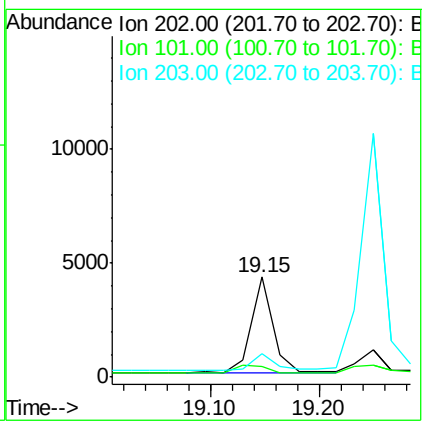


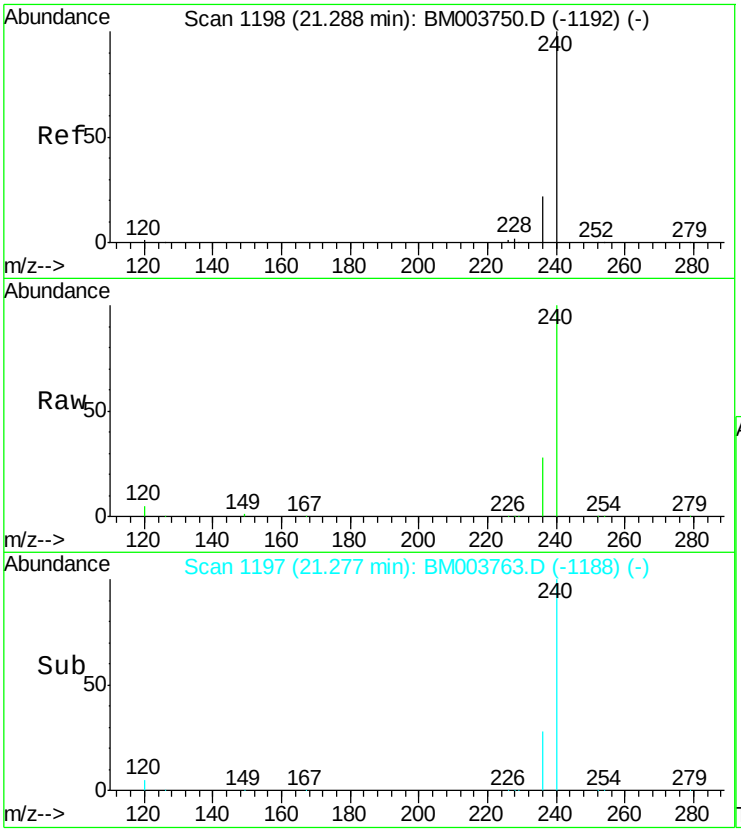


#25
Fluoranthene
Concen: 0.07 ng
RT: 19.15 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:202 Resp: 5845

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
203	17.9	13.8	20.8



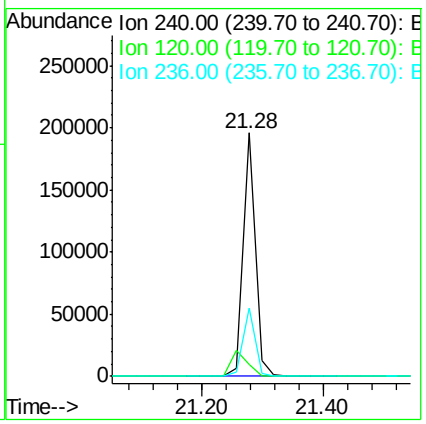


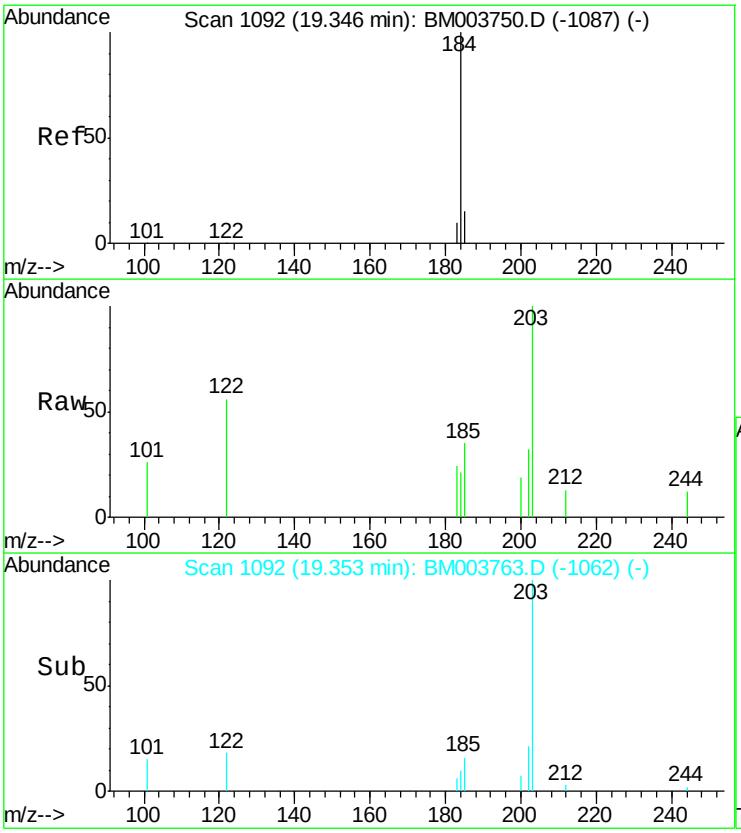
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 266329

Ion	Ratio	Lower	Upper
240	100		
120	5.0	0.9	1.3#
236	27.9	17.3	25.9#

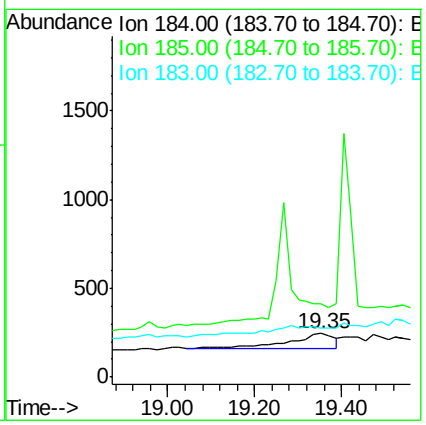


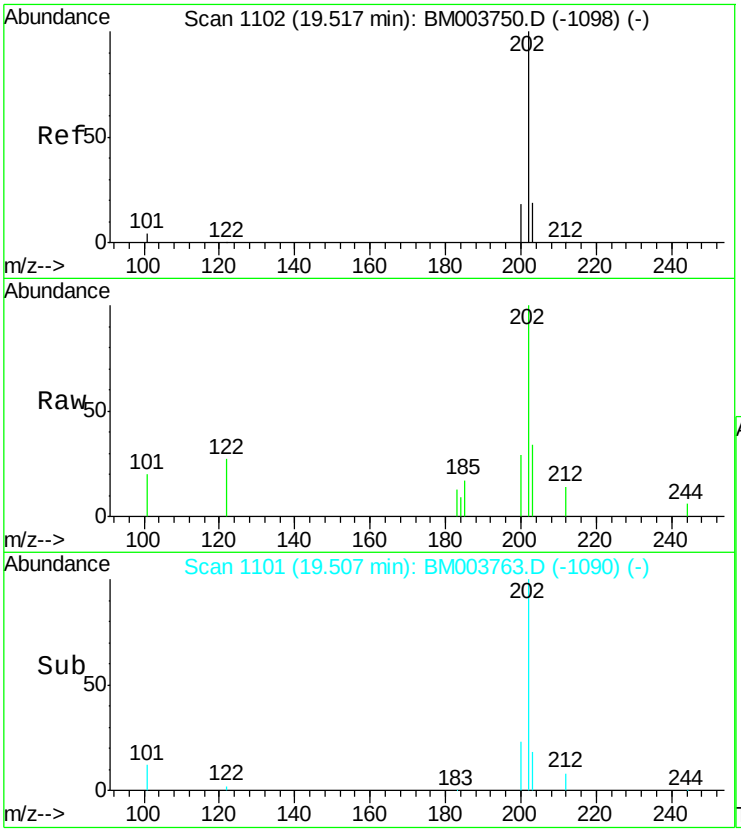


#27
Benzidine
Concen: 0.54 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:184 Resp: 693

Ion	Ratio	Lower	Upper
184	100		
185	167.2	13.2	19.8#
183	113.0	9.0	13.6#



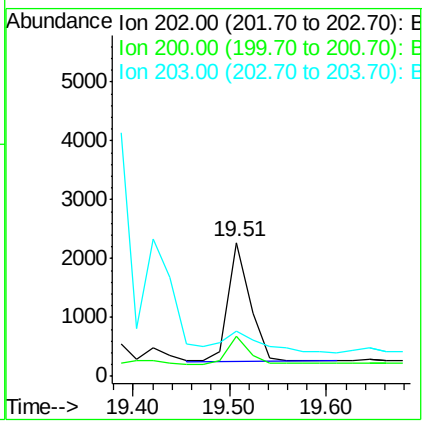


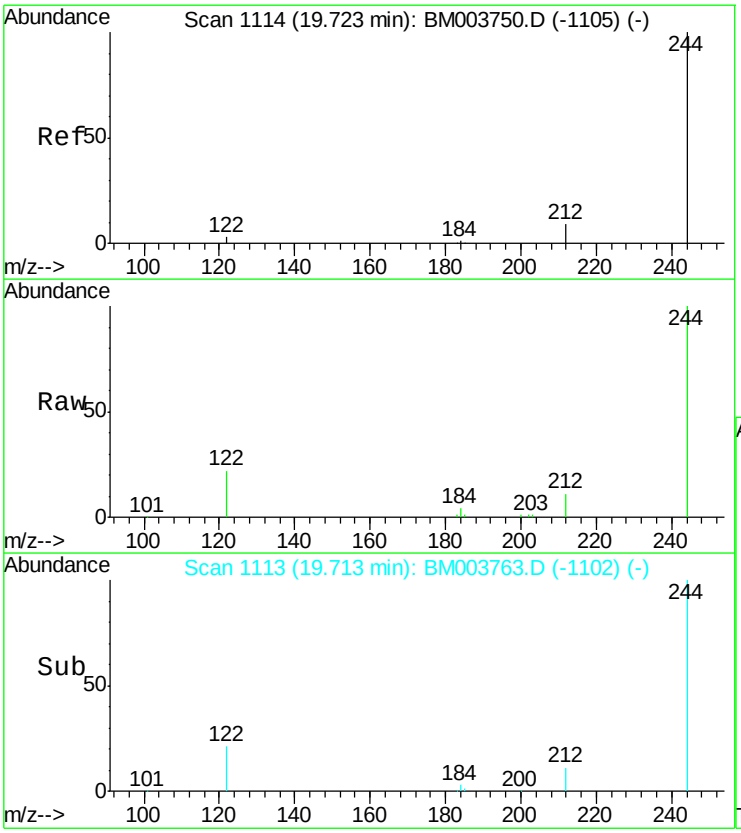
#28
Pyrene
Concen: 0.04 ng
RT: 19.51 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3256

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	24.8
203	30.0	14.0	21.0#

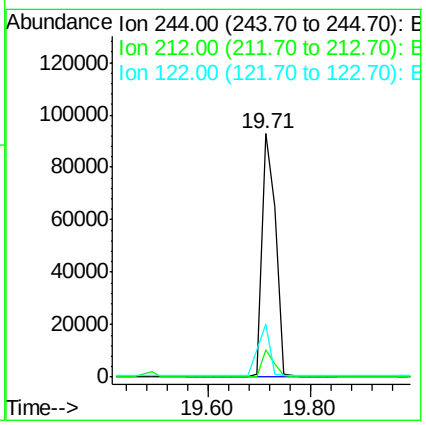


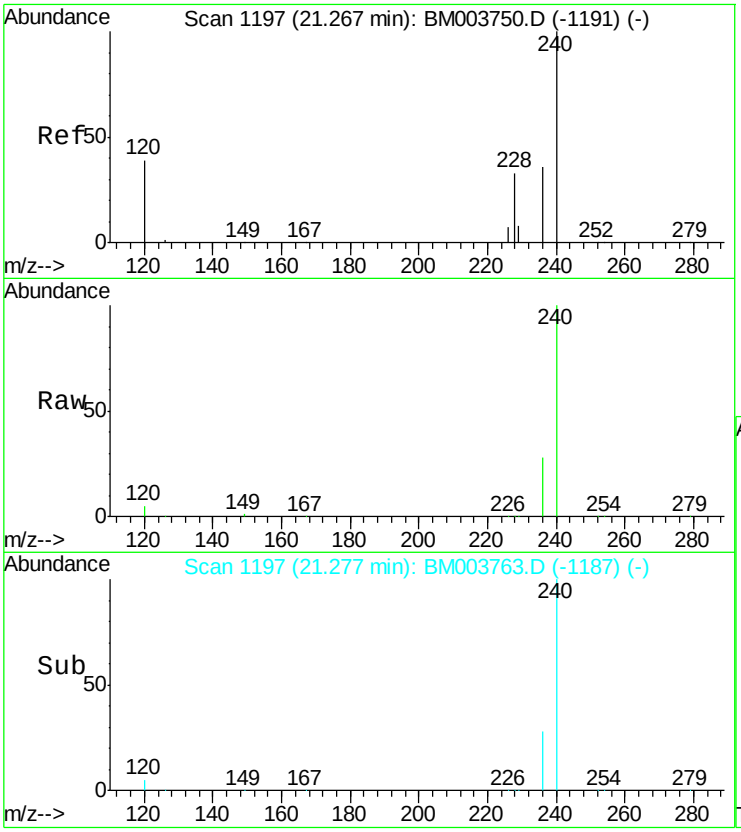


#29
Terphenyl-d14
Concen: 3.93 ng
RT: 19.71 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:244 Resp: 165658

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.0	10.6#
122	21.8	3.0	4.6#



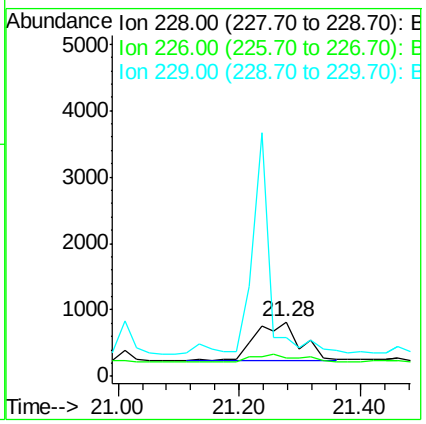


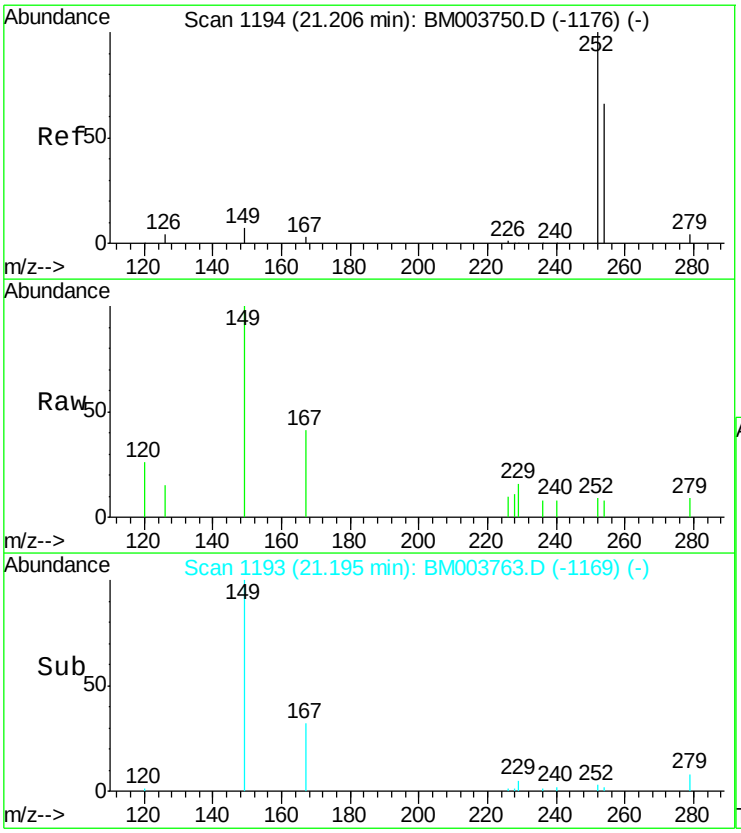
#30
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.28 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3073

Ion	Ratio	Lower	Upper
228	100		
226	33.4	17.2	25.8#
229	70.7	18.7	28.1#

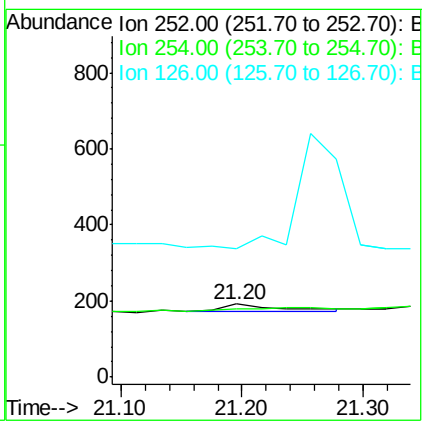


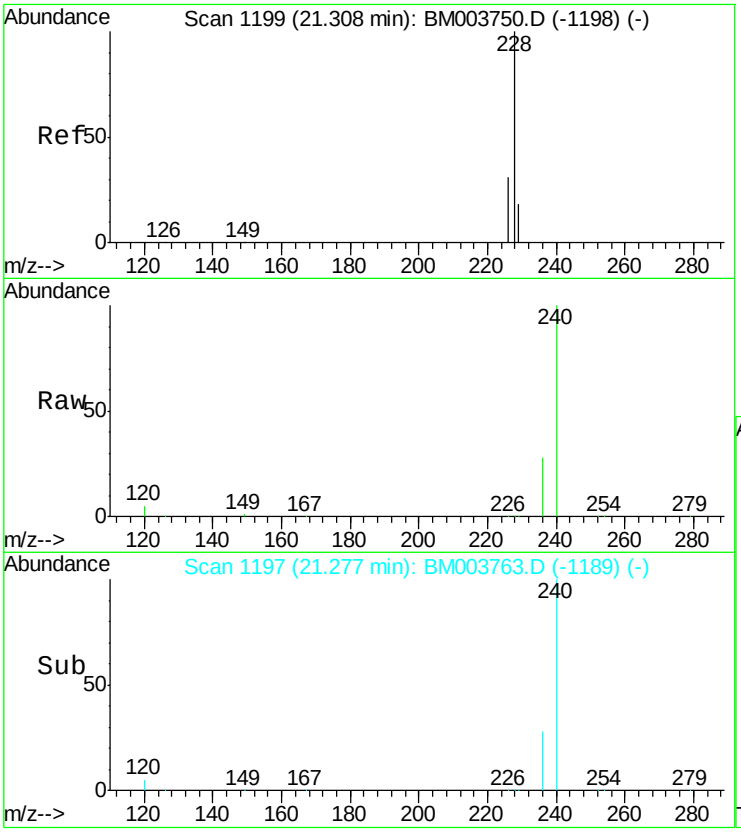


#31
3,3'-Dichlorobenzidine
Concen: 0.30 ng
RT: 21.20 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:252 Resp: 68

Ion	Ratio	Lower	Upper
252	100		
254	93.8	52.6	79.0#
126	176.0	3.7	5.5#



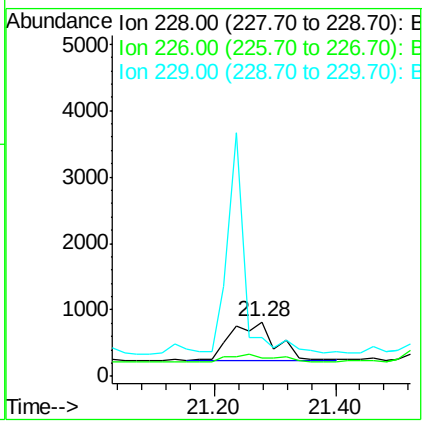


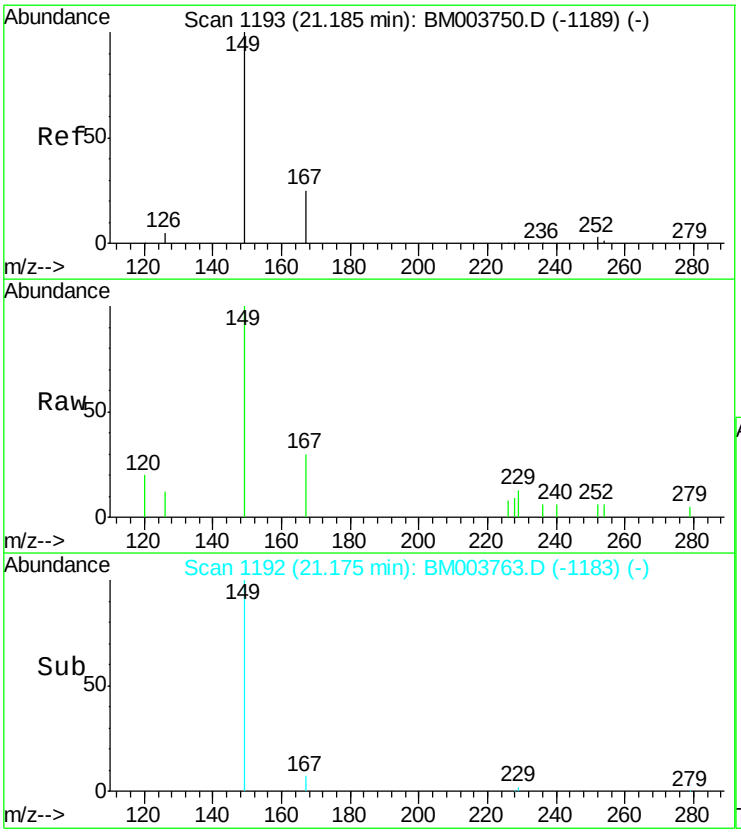
#32
Chrysene
Concen: 0.04 ng
RT: 21.28 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2997

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.3	37.9
229	70.7	14.5	21.7#

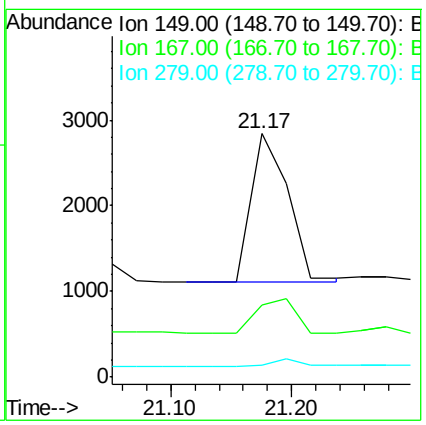


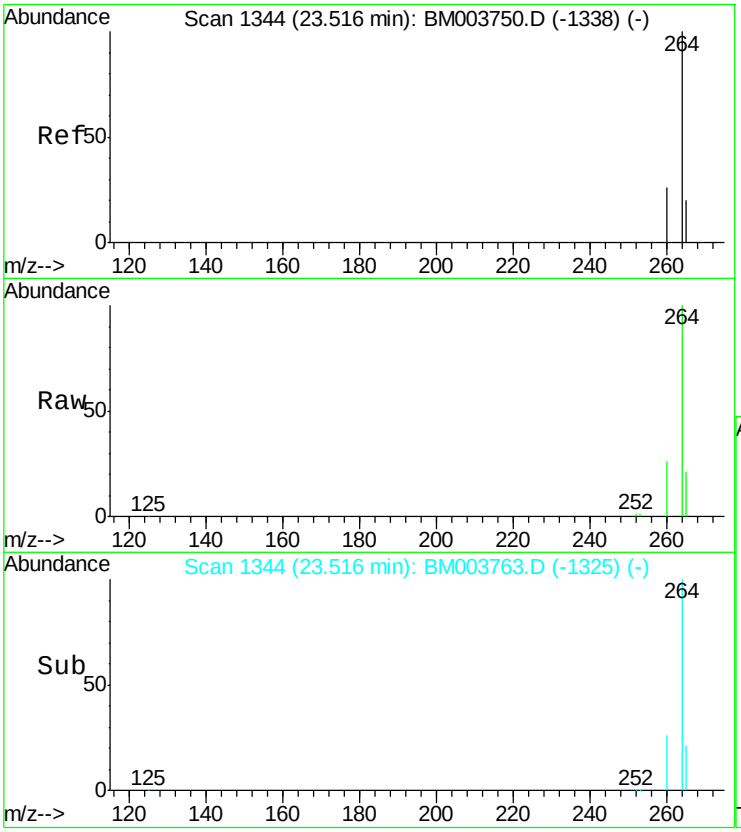


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.17 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion:149 Resp: 3650

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





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 197112

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	21.2	16.7	25.1