Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061215\
Data File : BM001667.D
Acq On : 12 Jun 2015 08:27
Operator : TP/IZ
Sample : PB83924BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83924BS

Quant Time: Jun 12 13:15:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 12:56:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	21965	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	84964	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	42269	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	45908	5.00	ng		0.00
25) Chrysene-d12	21.27	240	60083	5.00	ng		0.00
32) Perylene-d12	23.50	264	46960	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	48160	9.26	ng		0.00
5) Phenol-d6	6.84	99	69831	10.68	ng		0.00
7) Nitrobenzene-d5	8.85	82	46335	7.12	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	26056	16.93	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	103816	7.03	ng		0.00
27) Terphenyl-d14	19.71	244	71965	7.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	12640	5.62	ng		98
3) n-Nitrosodimethylamine	3.51	42	23379	6.10	ng	#	96
8) Nitrobenzene	8.89	77	50078	7.11	ng		97
9) Naphthalene	10.52	128	126215	6.13	ng		99
10) Hexachlorobutadiene	10.80	225	20221	5.91	ng		99
11) 2-Methylnaphthalene	12.14	142	89487	6.74	ng	#	85
15) Acenaphthylene	14.05	152	154642	7.83	ng		100
16) Acenaphthene	14.40	154	87892	6.99	ng		99
17) Fluorene	15.36	166	97752	7.12	ng		98
19) 4-Bromophenyl-phenylether	16.27	248	38102	9.10	ng	#	91
20) Hexachlorobenzene	16.38	284	36769	8.80	ng		94
21) Pentachlorophenol	16.72	266	156625	92.22	ng		96
23) Anthracene	17.19	178	274154	15.40	ng	#	48
24) Fluoranthene	19.14	202	172501	8.17	ng		100
26) Pyrene	19.50	202	182836	8.86	ng		100
28) Benzo(a)anthracene	21.25	228	146349	7.75	ng		100
29) Chrysene	21.30	228	126706	7.01	ng		99
30) Bis(2-ethylhexyl)phthalate	21.18	149	125121	9.10	ng		98
31) Indeno(1,2,3-cd)pyrene	25.75	276	113825	8.02	ng		100
33) Benzo(b)fluoranthene	22.82	252	115250	7.52	ng		98
34) Benzo(k)fluoranthene	22.87	252	111666	7.51	ng		98
35) Benzo(a)pyrene	23.40	252	105684	8.28	ng		98
36) Dibenzo(a,h)anthracene	25.76	278	91658	8.55	ng		97
37) Benzo(g,h,i)perylene	26.44	276	93855	8.59	ng		99

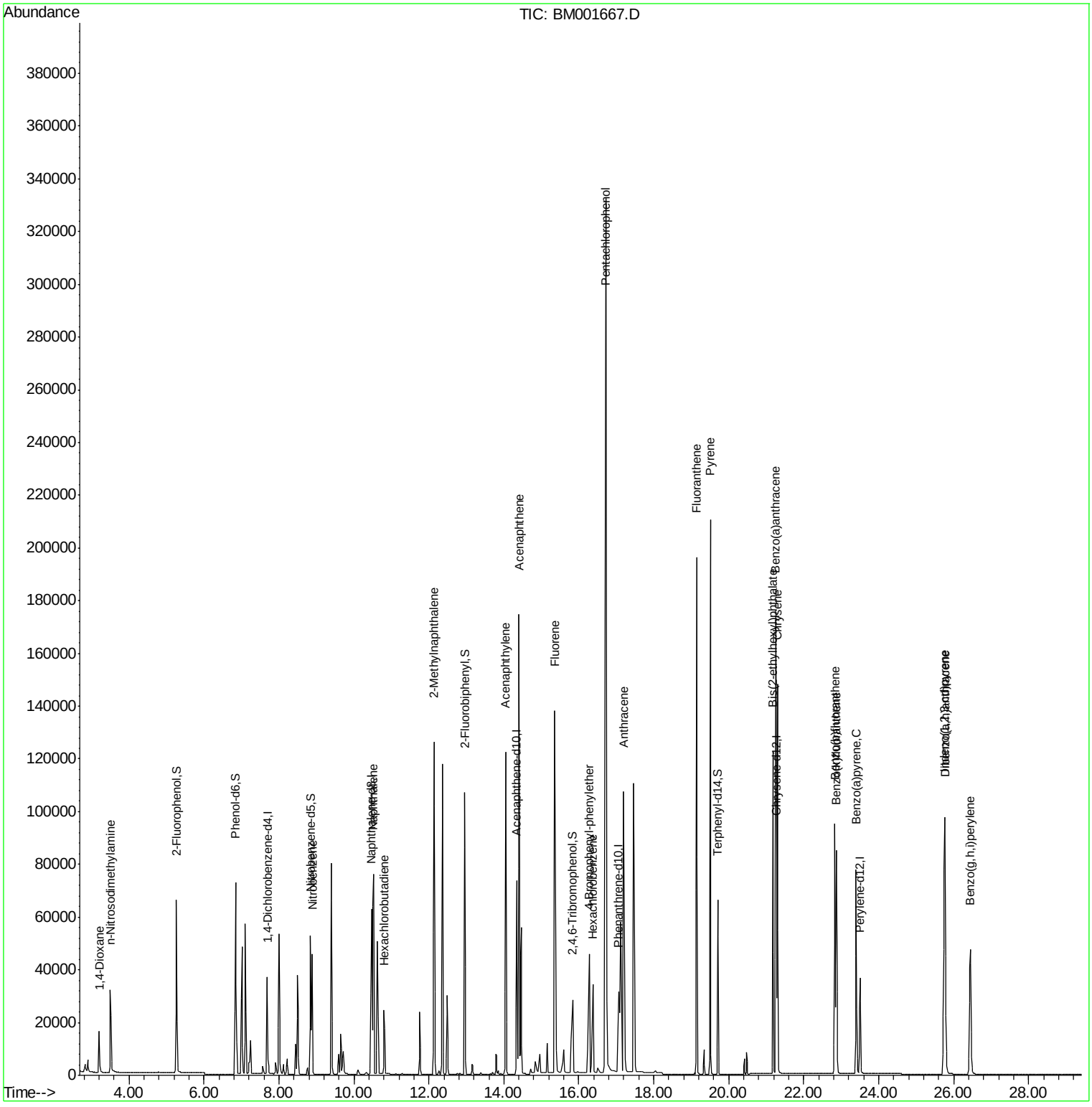
(#) = qualifier out of range (m) = manual integration (+) = signals summed

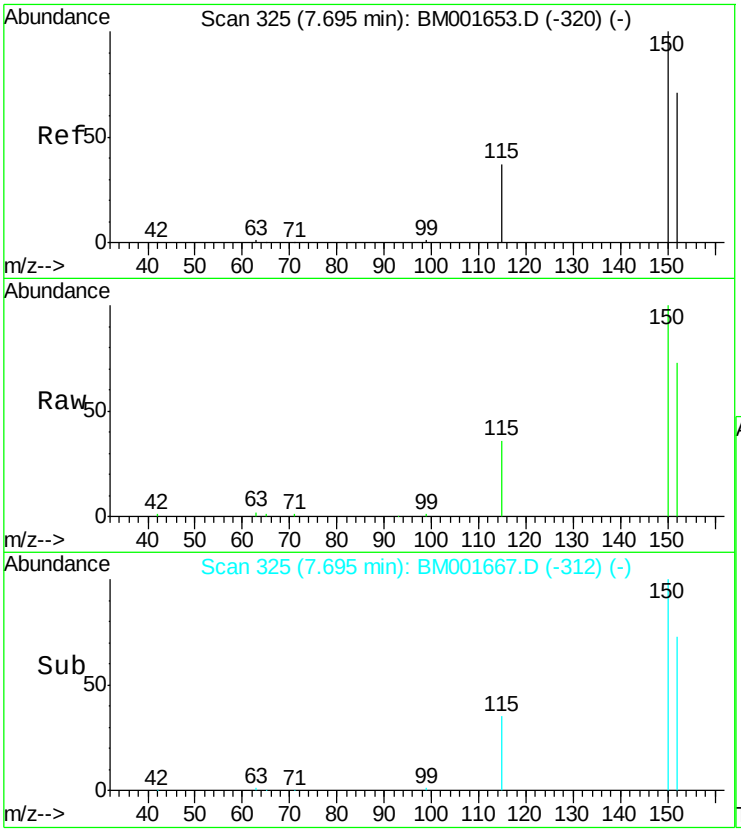
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061215\
Data File : BM001667.D
Acq On : 12 Jun 2015 08:27
Operator : TP/IZ
Sample : PB83924BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Quant Time: Jun 12 13:15:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 12:56:26 2015
Response via : Initial Calibration



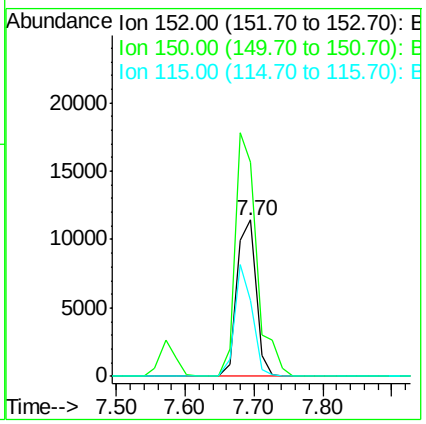


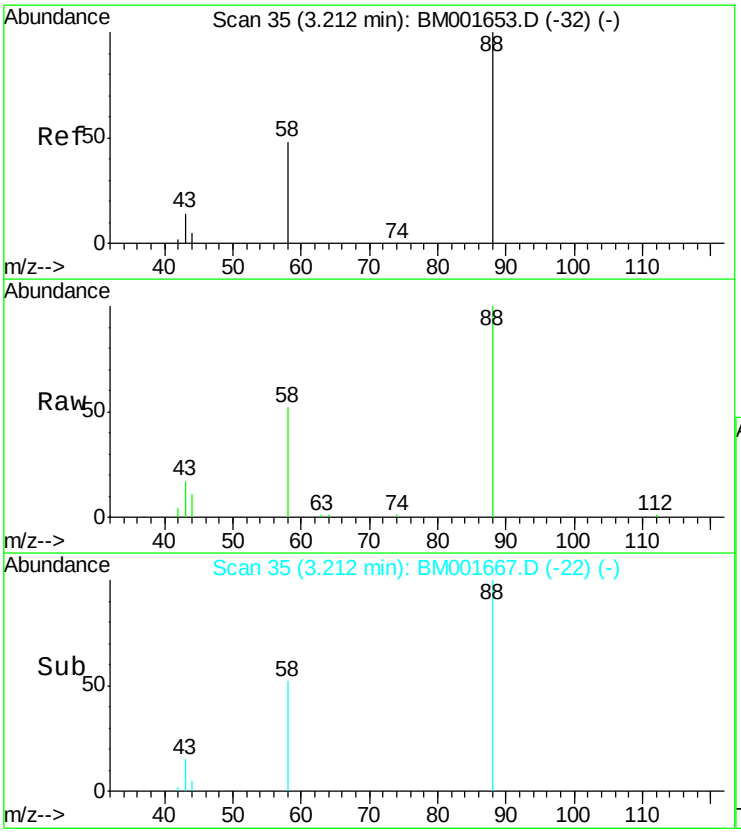
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:152 Resp: 21965

Ion	Ratio	Lower	Upper
152	100		
150	136.5	112.2	168.2
115	48.7	41.7	62.5

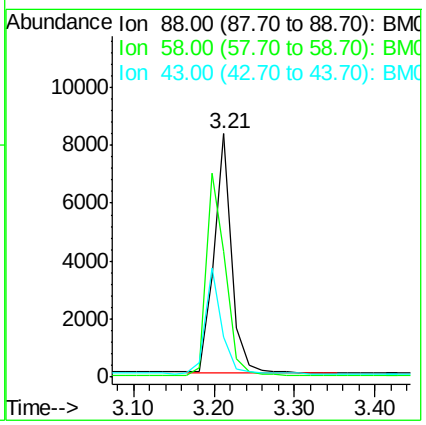


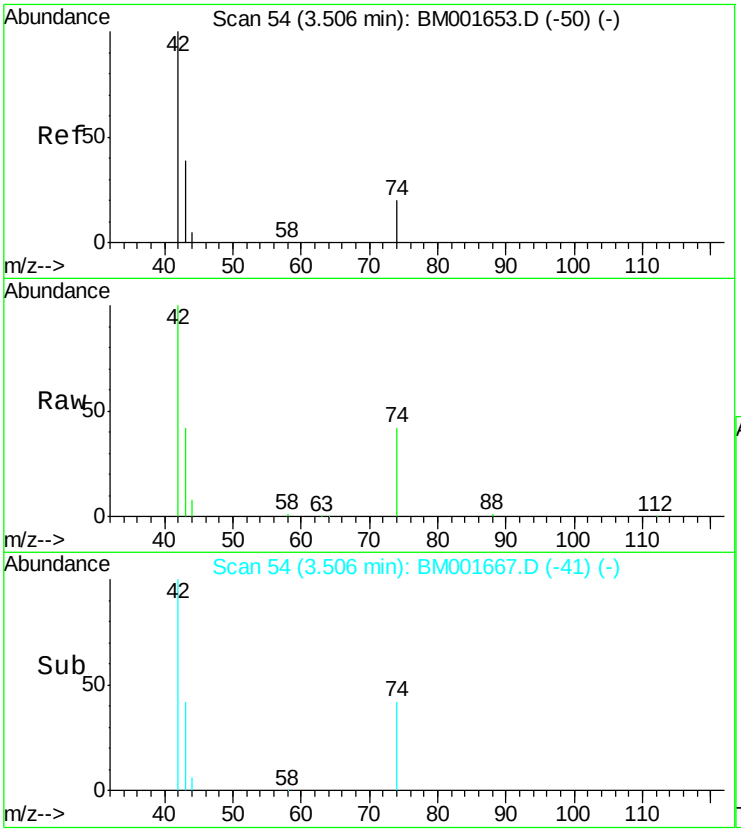


#2
1,4-Dioxane
Concen: 5.62 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion: 88 Resp: 12640

Ion	Ratio	Lower	Upper
88	100		
58	90.8	70.5	105.7
43	41.1	33.3	49.9



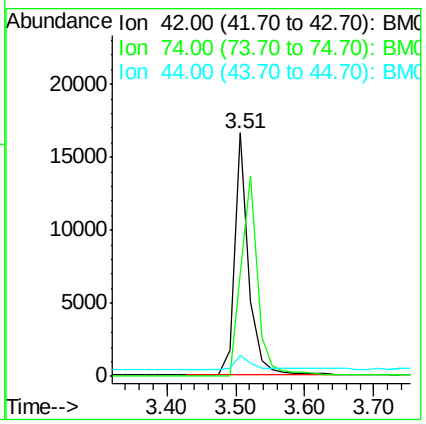


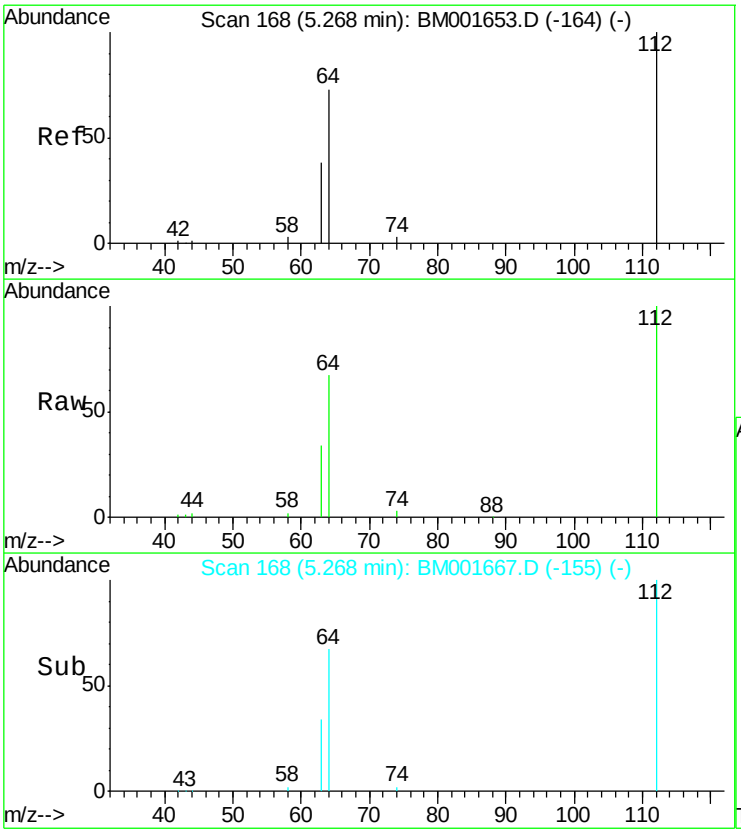
#3
n-Nitrosodimethylamine
Concen: 6.10 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion: 42 Resp: 23379

Ion	Ratio	Lower	Upper
42	100		
74	98.7	75.7	113.5
44	6.6	6.7	10.1#

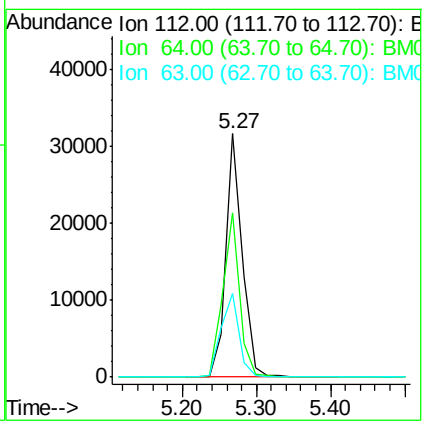


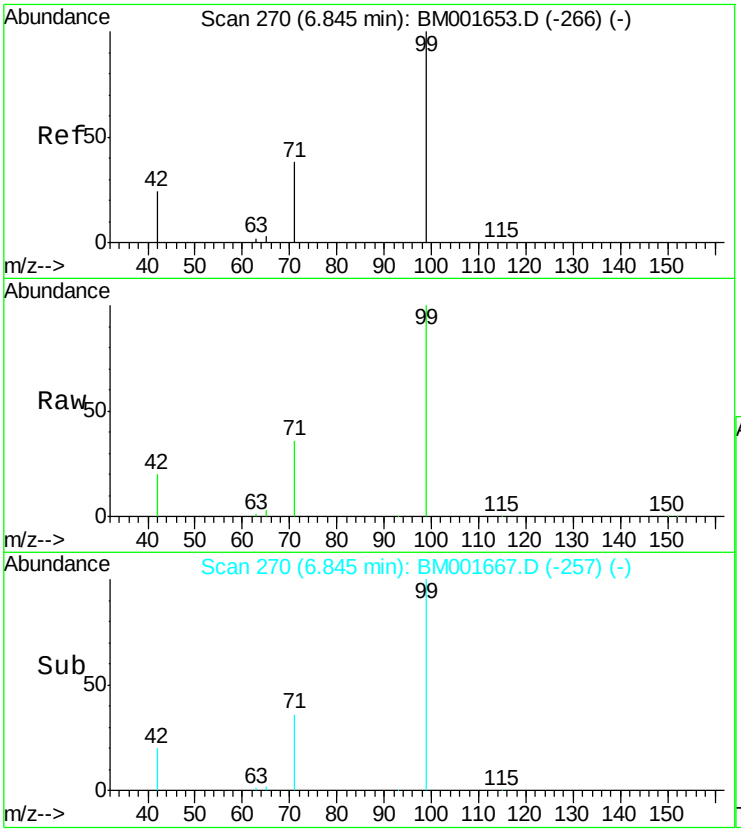


#4
2-Fluorophenol
Concen: 9.26 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:112 Resp: 48160

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.5	83.3
63	37.5	29.9	44.9



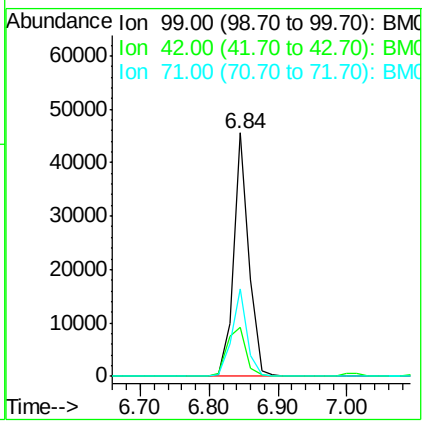


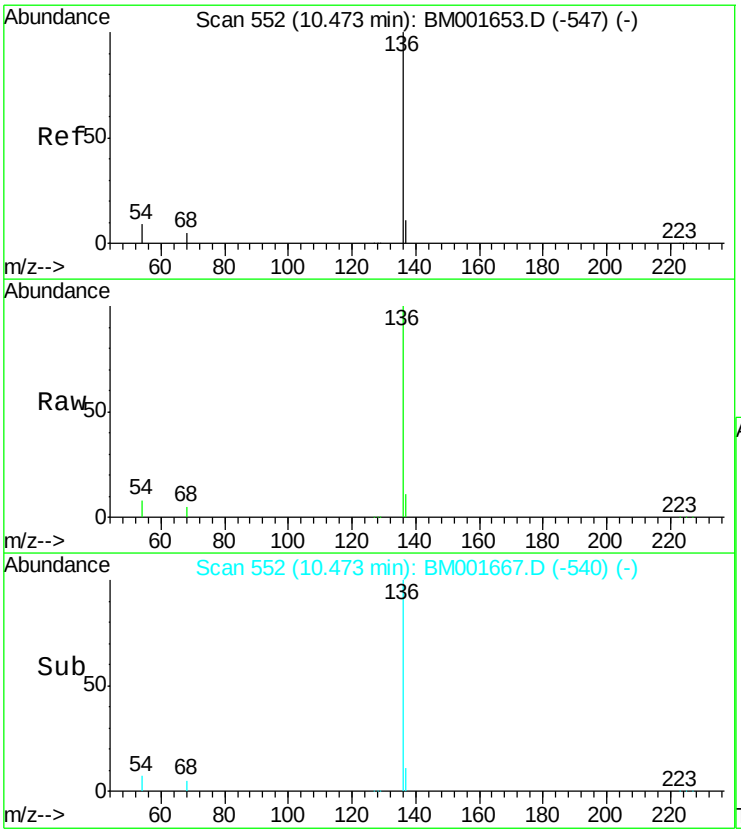
#5
Phenol-d6
Concen: 10.68 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion: 99 Resp: 69831

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.6	32.4
71	35.4	28.7	43.1

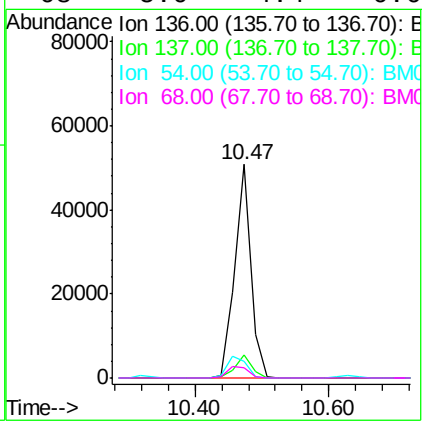


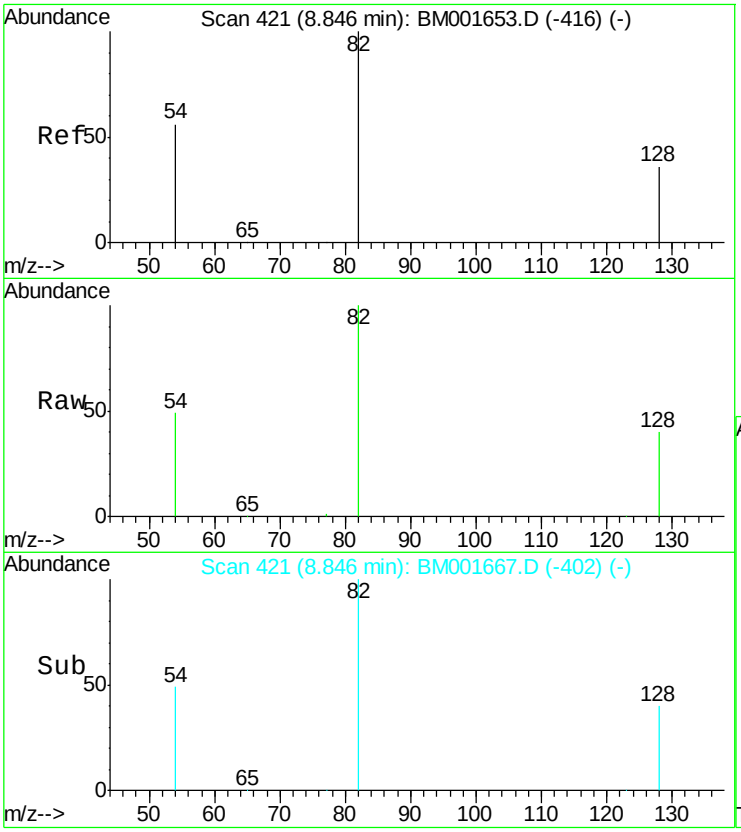


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:136 Resp: 84964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	6.9	10.3
68	5.0	4.4	6.6



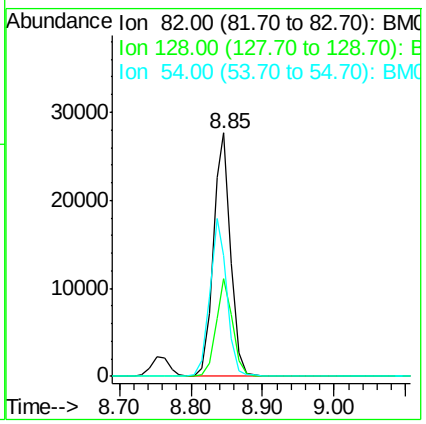


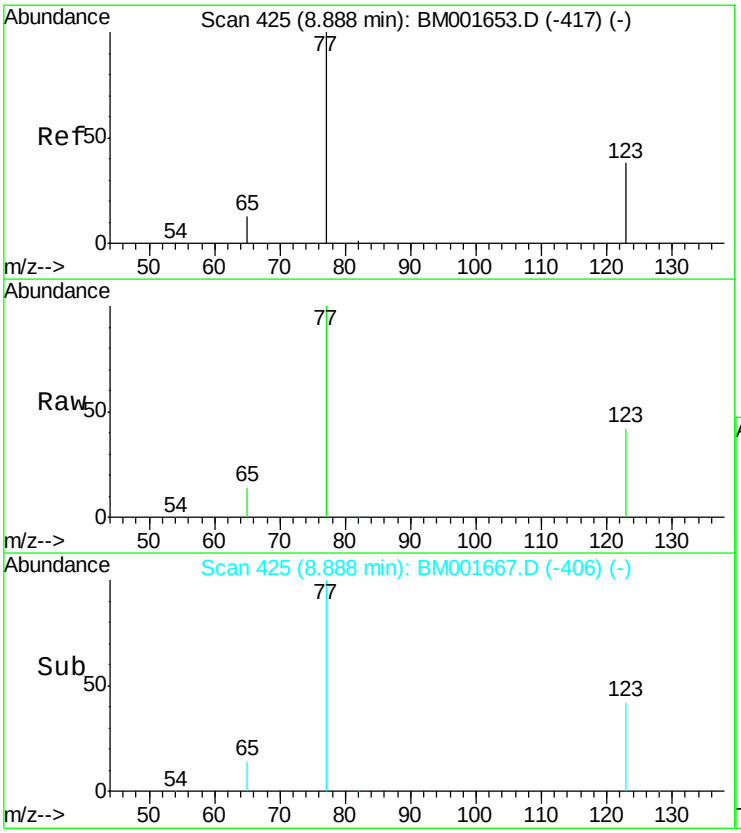
#7
Nitrobenzene-d5
Concen: 7.12 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion: 82 Resp: 46335

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.7	44.5
54	49.5	45.1	67.7

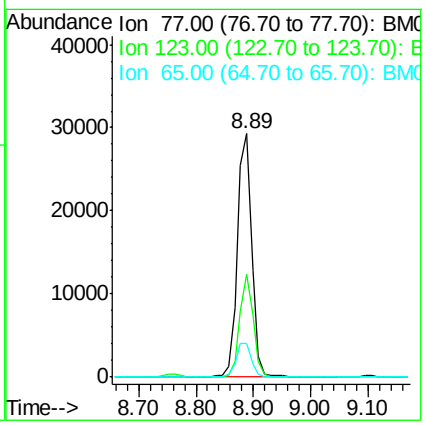


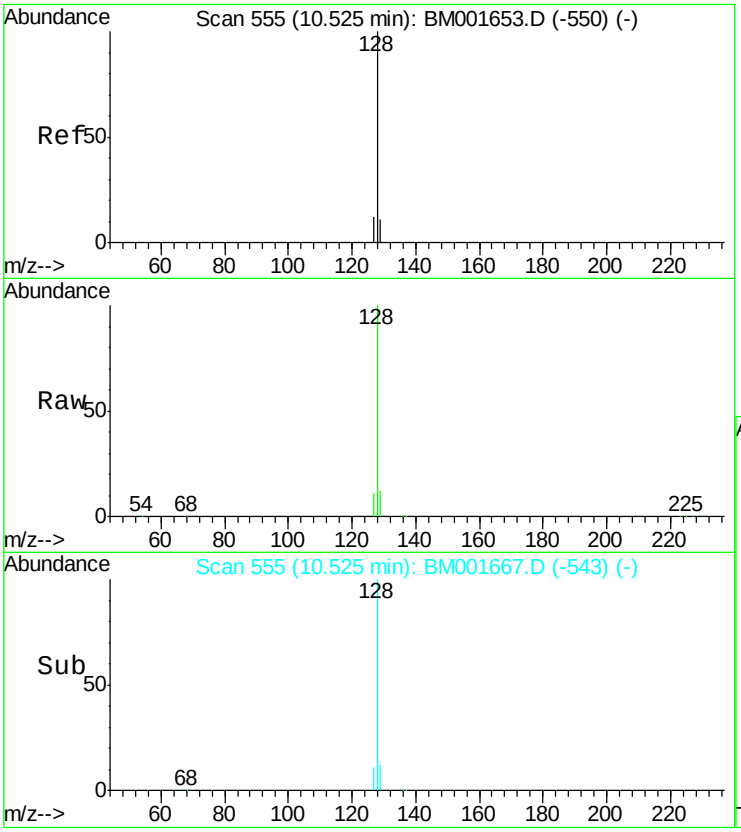


#8
Nitrobenzene
Concen: 7.11 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion: 77 Resp: 50078

Ion	Ratio	Lower	Upper
77	100		
123	39.9	30.3	45.5
65	14.5	11.2	16.8



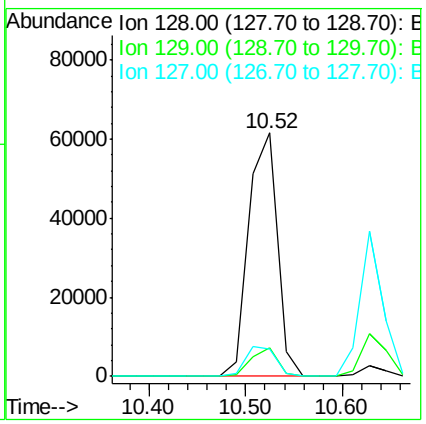


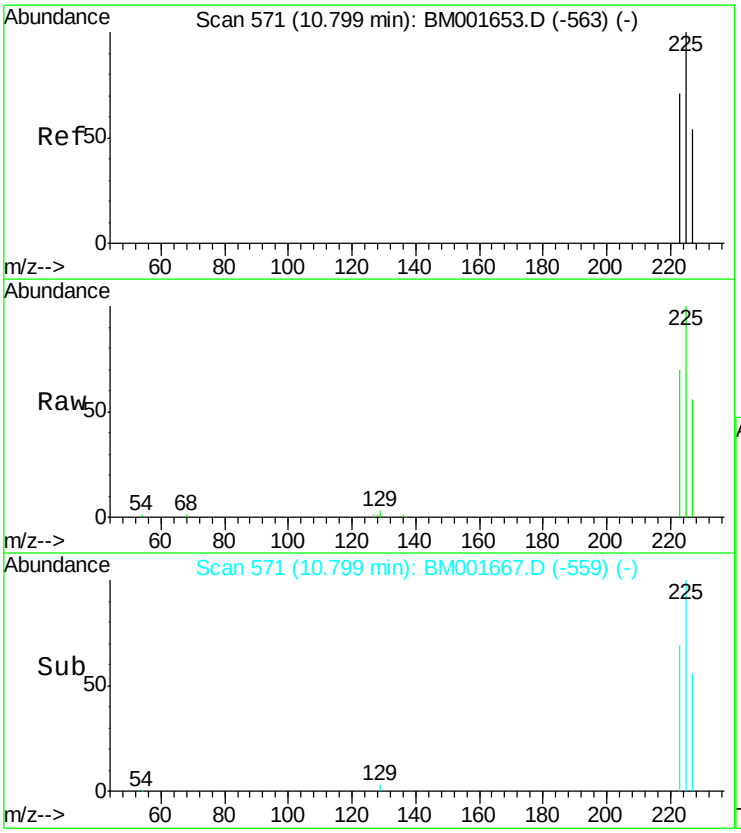
#9
Naphthalene
Concen: 6.13 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:128 Resp: 126215

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	11.4	9.7	14.5

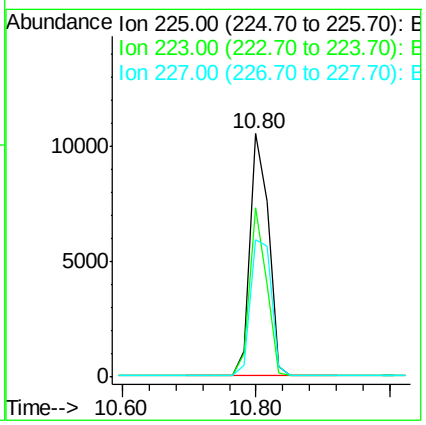


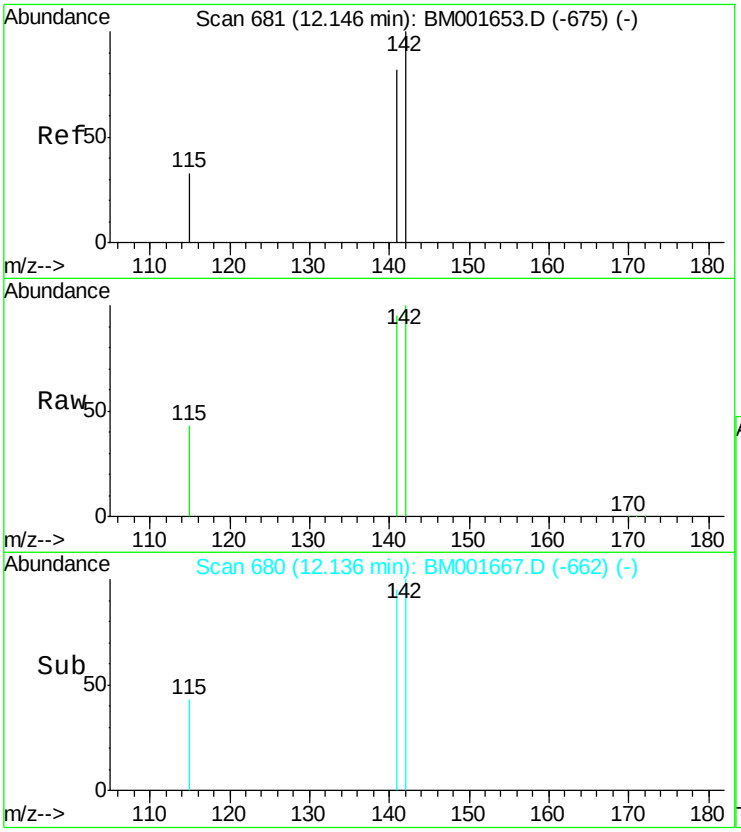


#10
Hexachlorobutadiene
Concen: 5.91 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:225 Resp: 20221

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.4
227	63.2	51.2	76.8



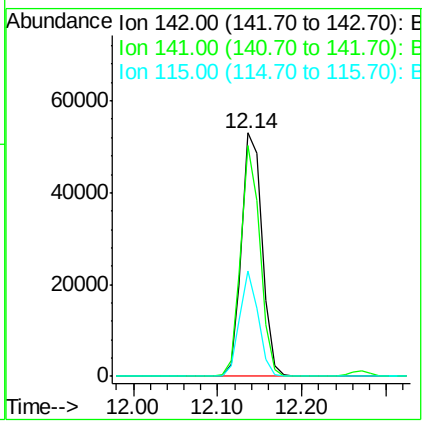


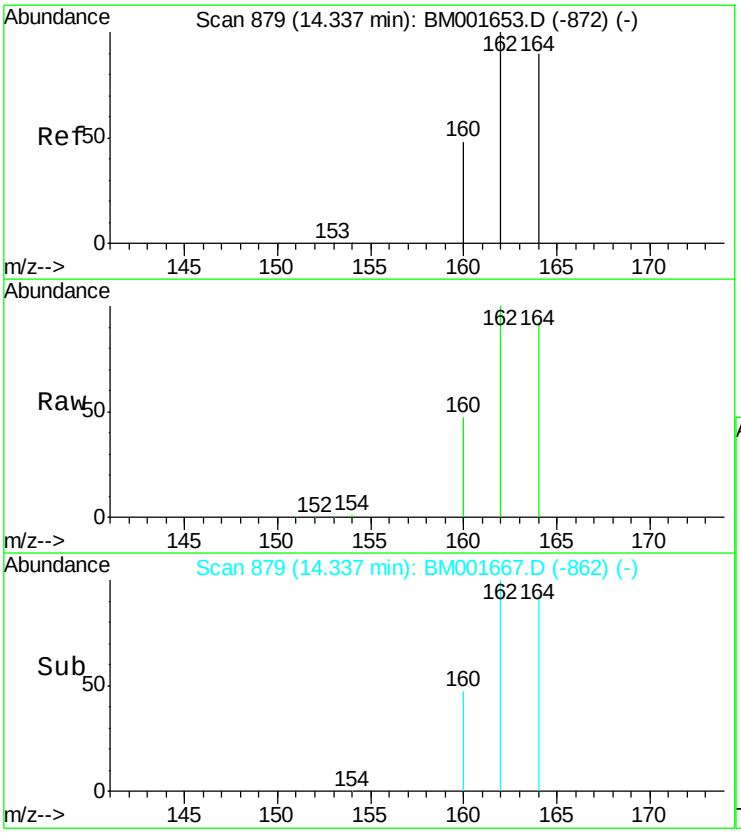
#11
2-Methylnaphthalene
Concen: 6.74 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:142 Resp: 89487

Ion	Ratio	Lower	Upper
142	100		
141	94.8	65.8	98.6
115	43.4	27.0	40.6#

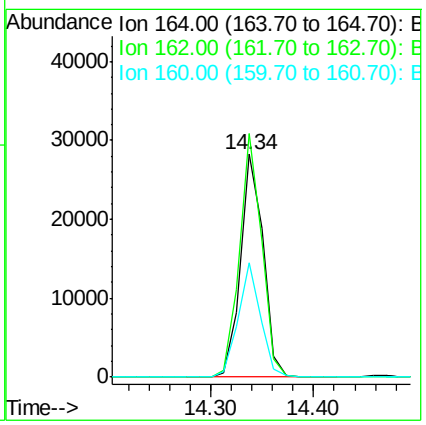


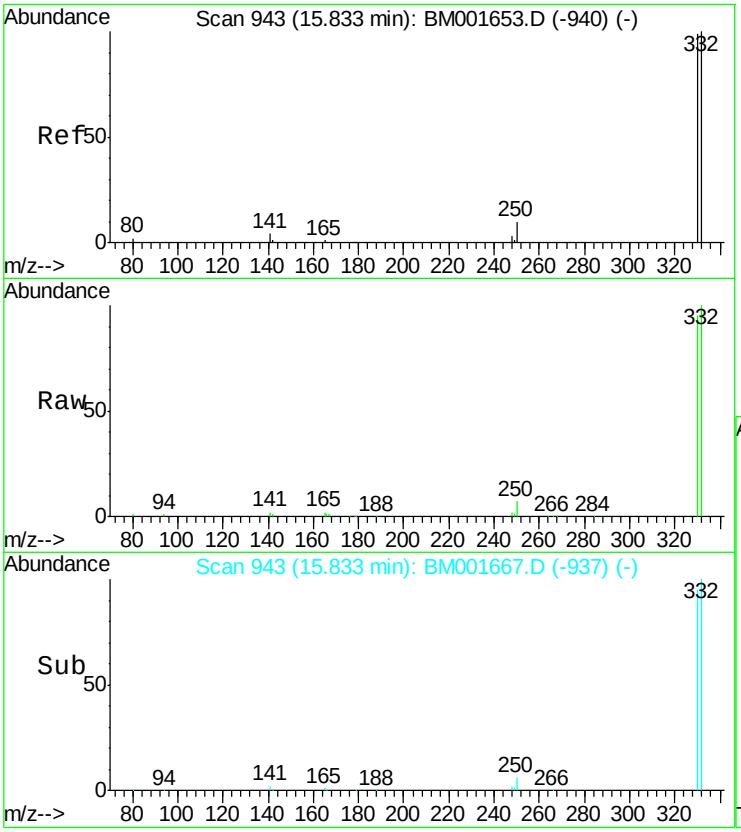


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:164 Resp: 42269

Ion	Ratio	Lower	Upper
164	100		
162	109.2	89.0	133.4
160	51.1	42.6	63.8



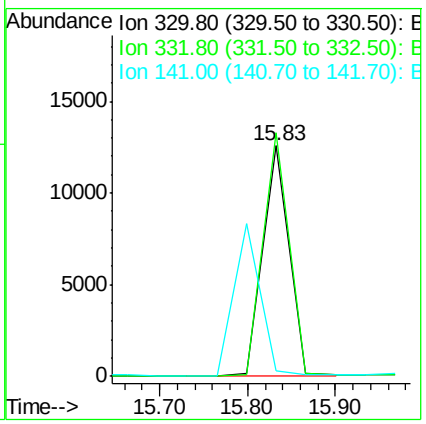


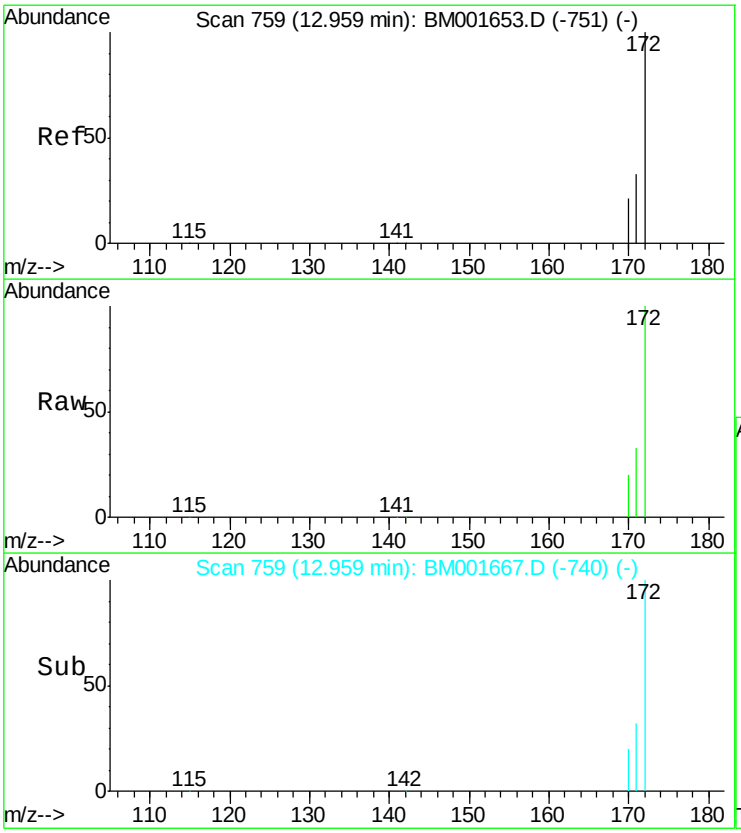
#13
2,4,6-Tribromophenol
Concen: 16.93 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:330 Resp: 26056

Ion	Ratio	Lower	Upper
330	100		
332	105.3	80.6	120.8
141	0.0	0.0	0.0

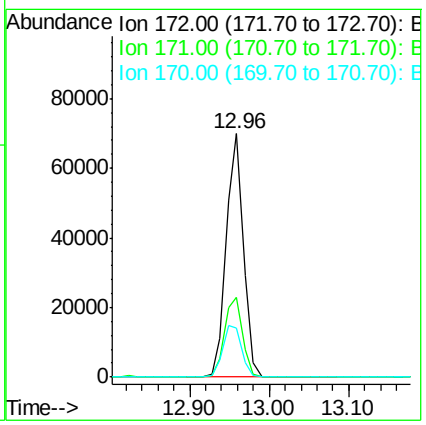


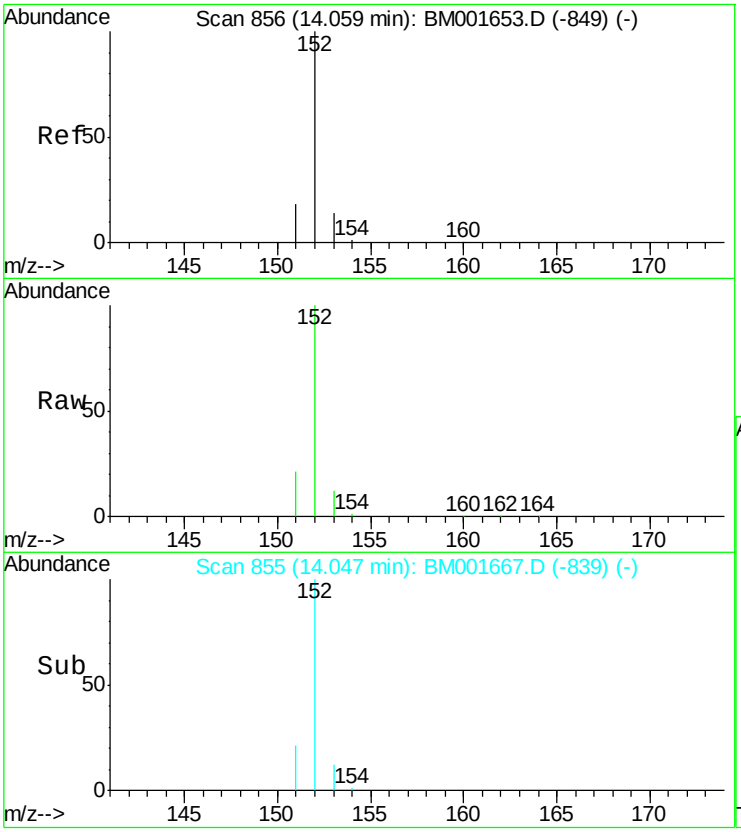


#14
2-Fluorobiphenyl
Concen: 7.03 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:172 Resp: 103816

Ion	Ratio	Lower	Upper
172	100		
171	32.5	26.6	40.0
170	20.2	17.1	25.7



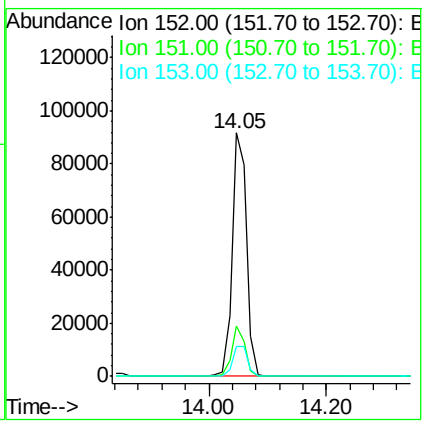


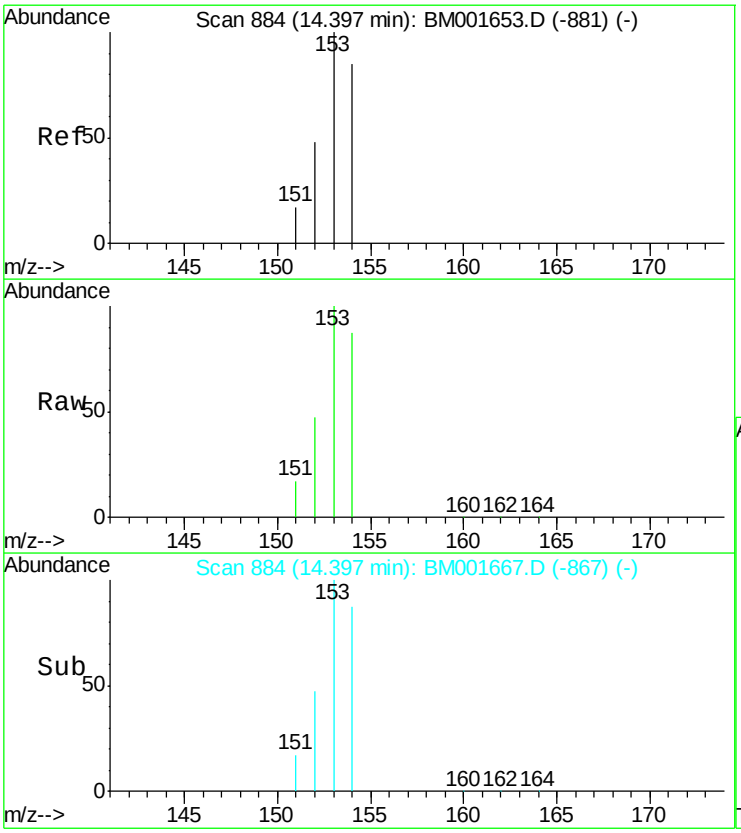
#15
Acenaphthylene
Concen: 7.83 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:152 Resp: 154642

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.9	10.2	15.4

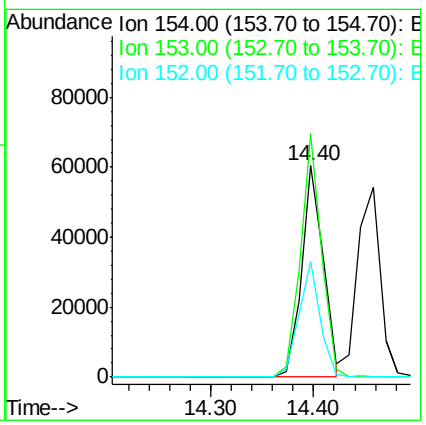


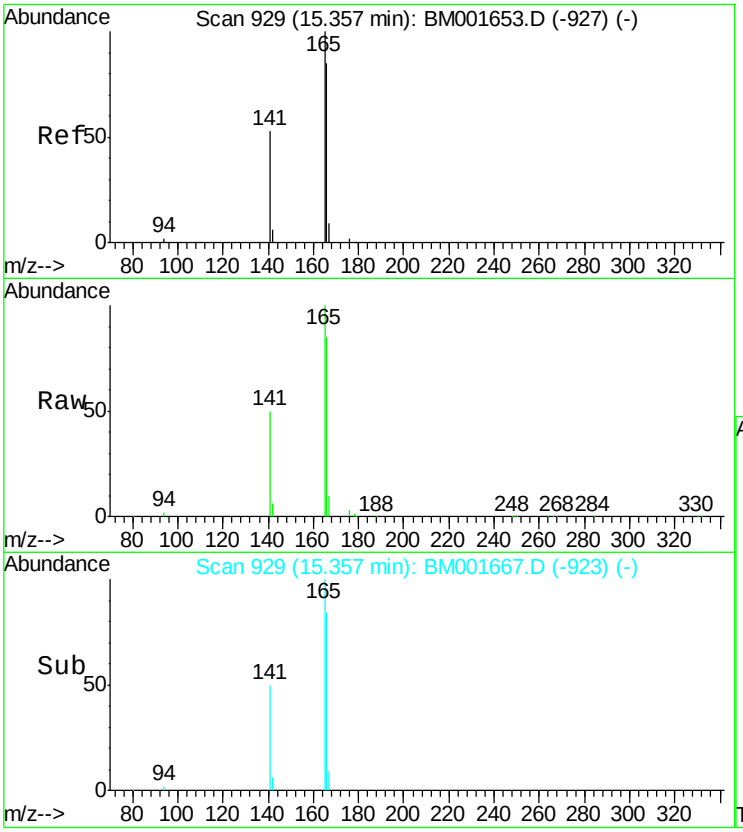


#16
Acenaphthene
Concen: 6.99 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:154 Resp: 87892

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.0	136.6
152	54.4	43.8	65.8



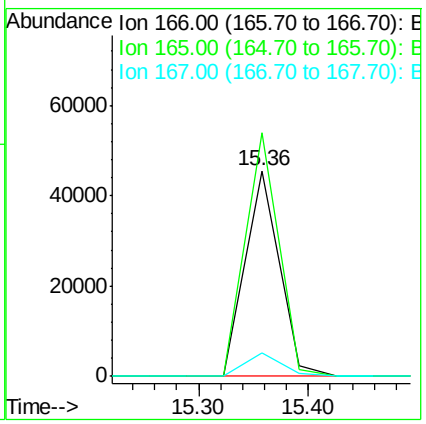


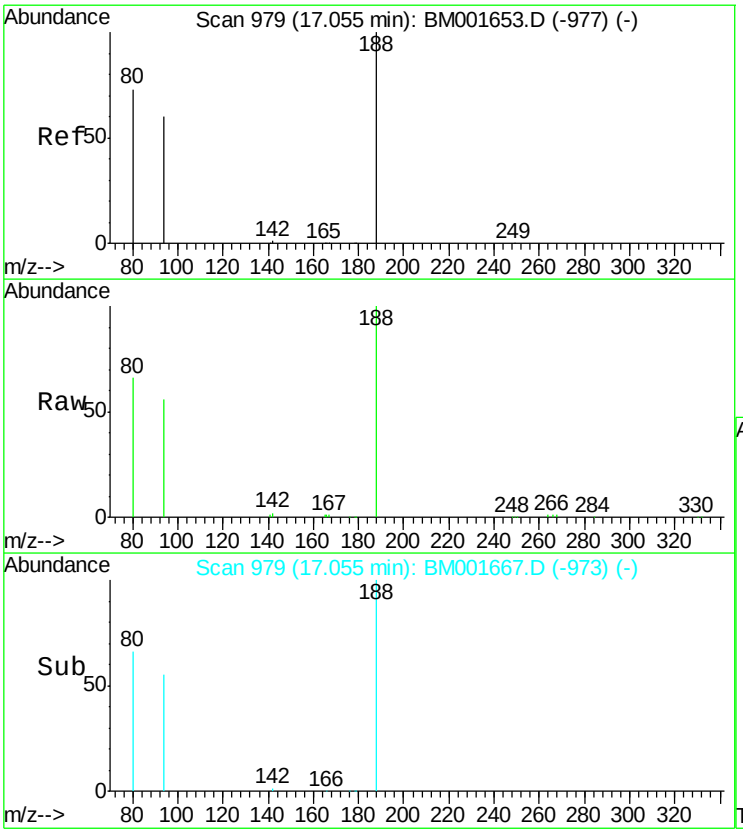
#17
Fluorene
Concen: 7.12 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:166 Resp: 97752

Ion	Ratio	Lower	Upper
166	100		
165	115.6	90.7	136.1
167	11.7	9.4	14.0

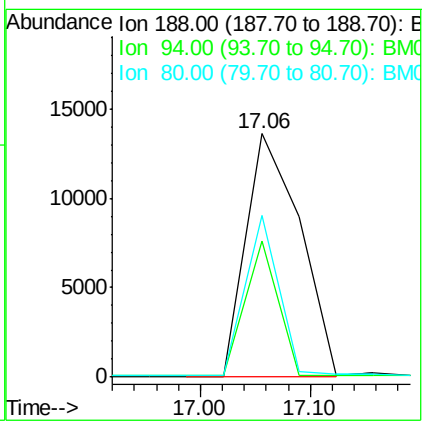


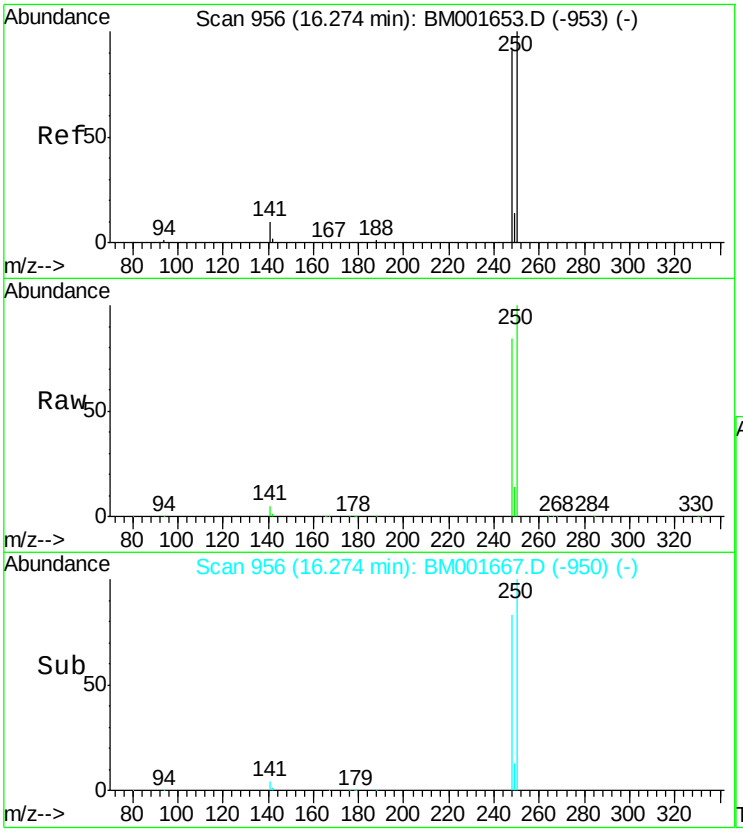


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:188 Resp: 45908

Ion	Ratio	Lower	Upper
188	100		
94	55.7	48.3	72.5
80	66.4	58.6	88.0



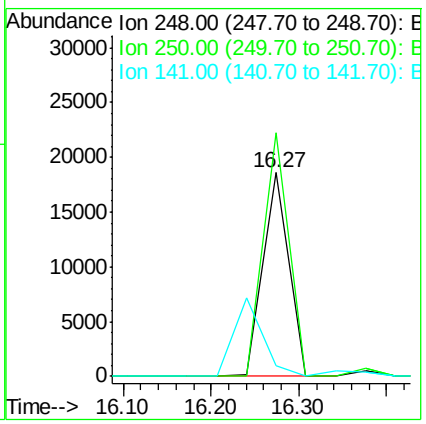


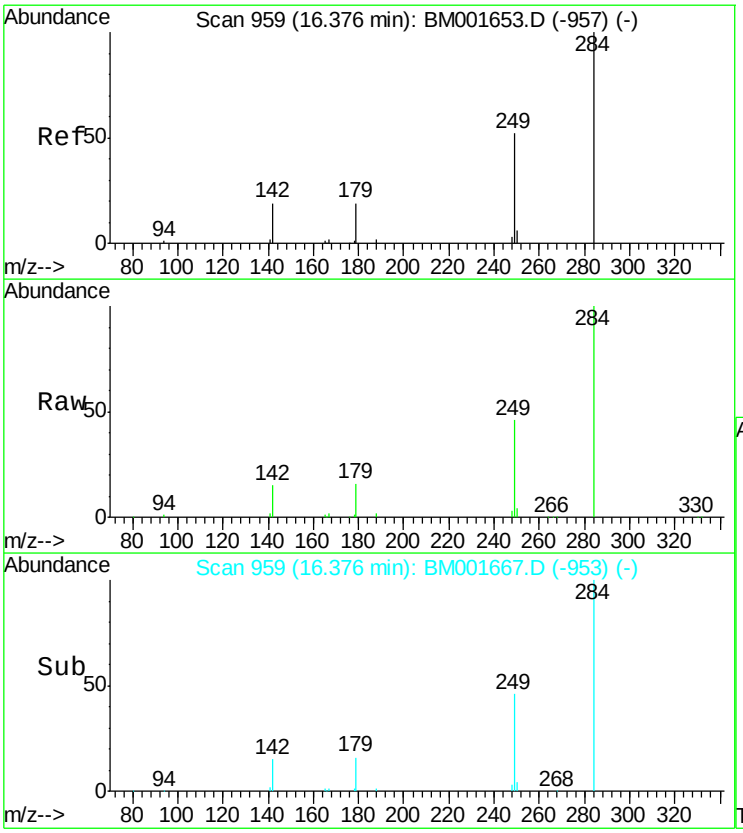
#19
4-Bromophenyl-phenylether
Concen: 9.10 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:248 Resp: 38102

Ion	Ratio	Lower	Upper
248	100		
250	119.0	87.5	131.3
141	0.0	0.0	0.0

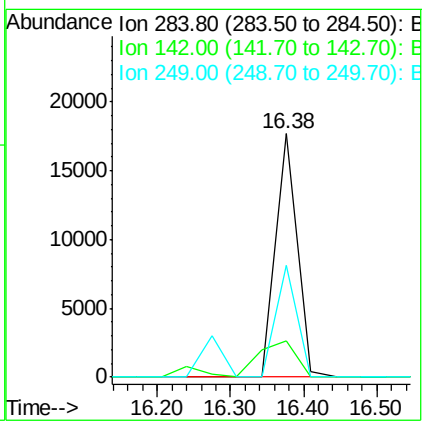


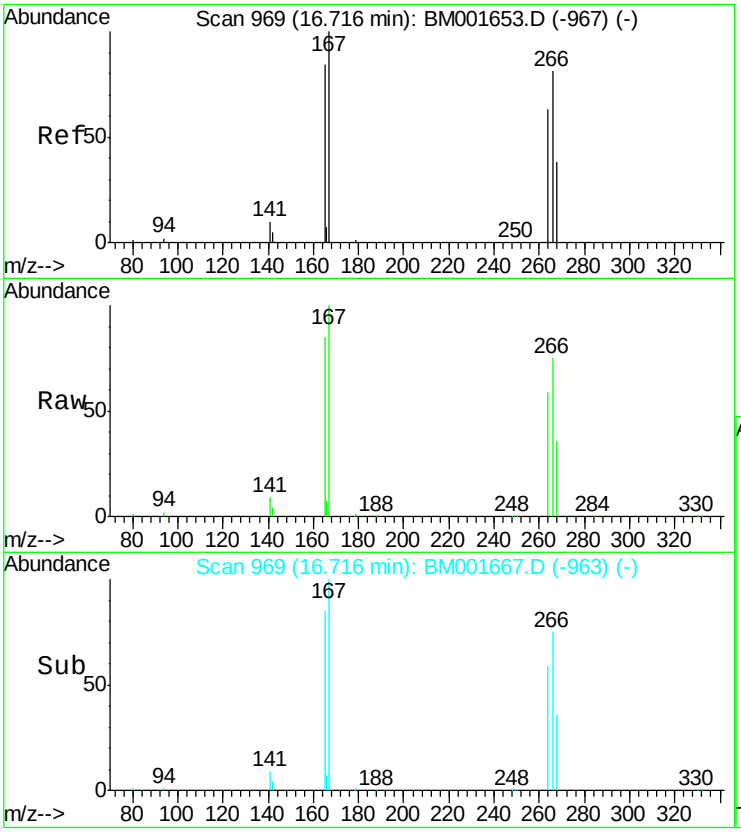


#20
Hexachlorobenzene
Concen: 8.80 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:284 Resp: 36769

Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.5	32.3
249	61.4	53.8	80.6



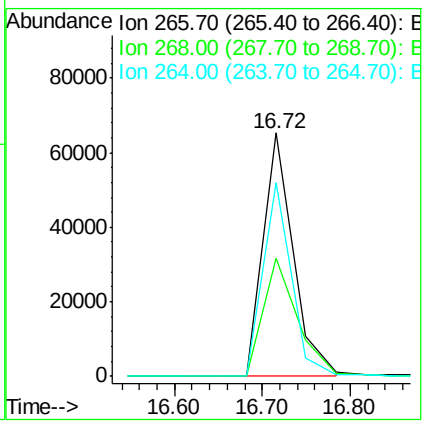


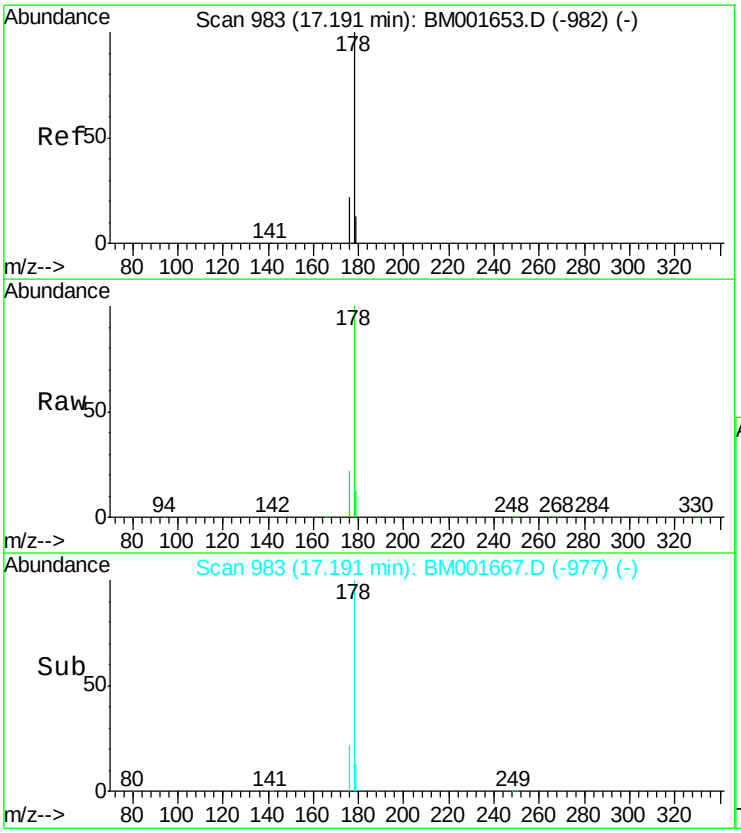
#21
Pentachlorophenol
Concen: 92.22 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:266 Resp: 156625

Ion	Ratio	Lower	Upper
266	100		
268	48.8	43.3	64.9
264	79.4	64.5	96.7

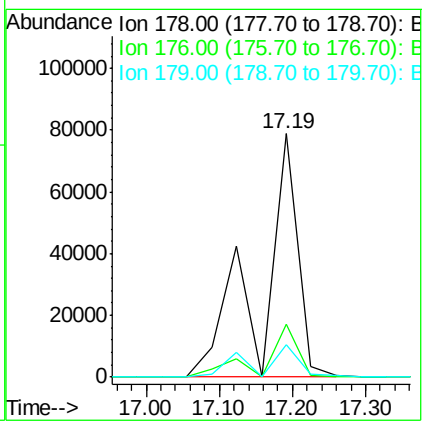


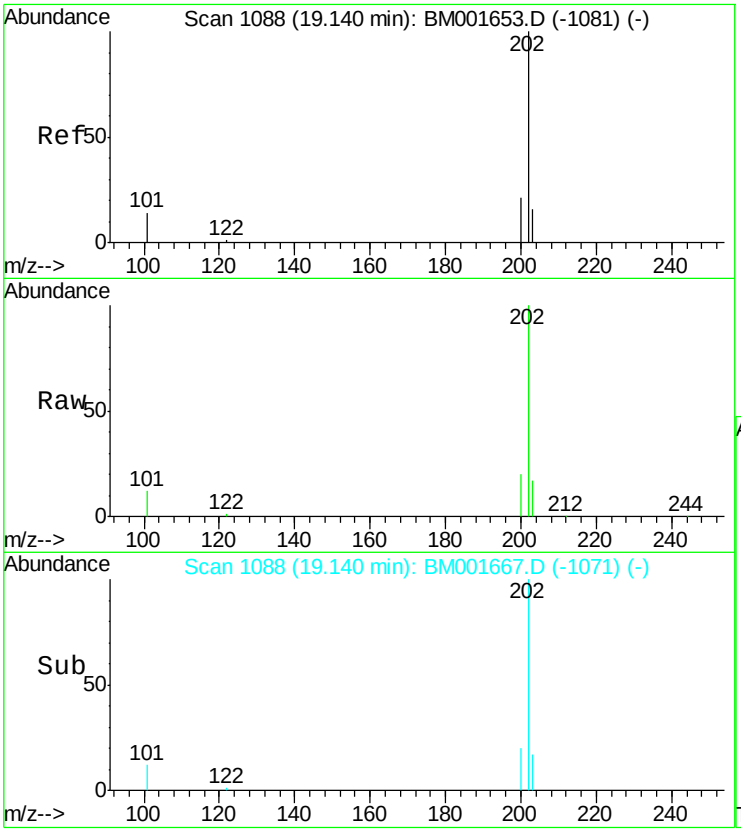


#23
Anthracene
Concen: 15.40 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:178 Resp: 274154

Ion	Ratio	Lower	Upper
178	100		
176	19.5	0.0	0.0#
179	0.0	21.4	32.0#



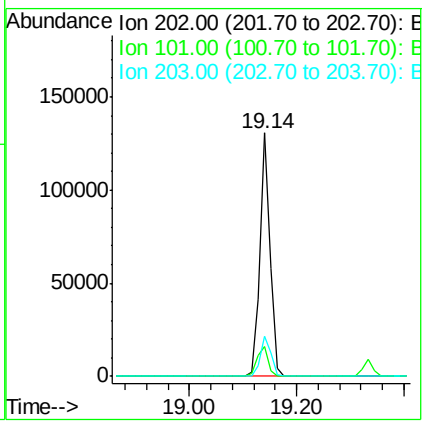


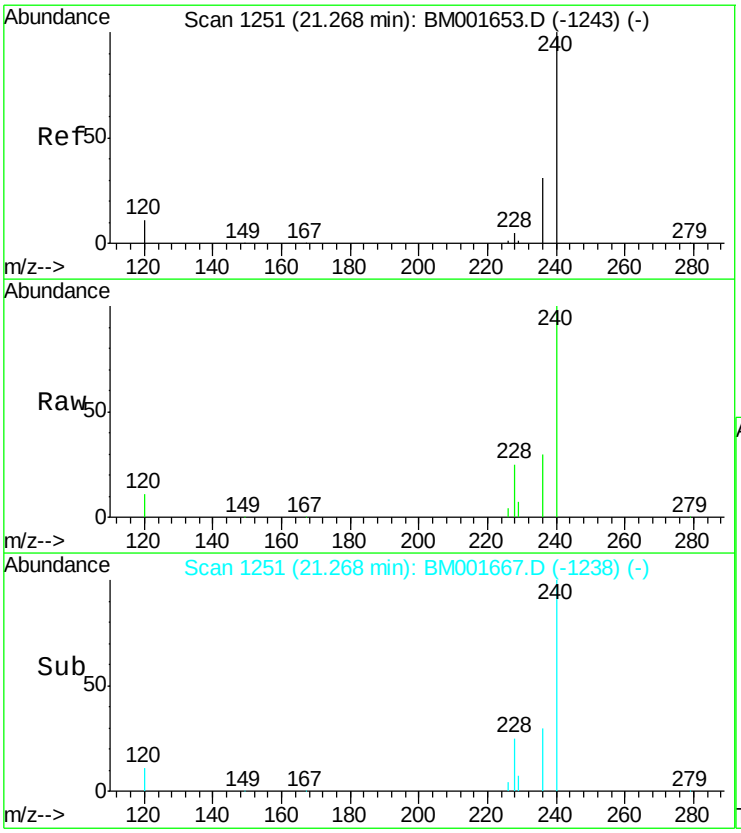
#24
Fluoranthene
Concen: 8.17 ng
RT: 19.14 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:202 Resp: 172501

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.8	16.2
203	17.4	13.8	20.8

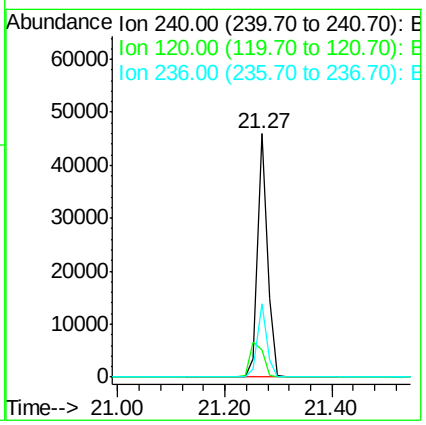


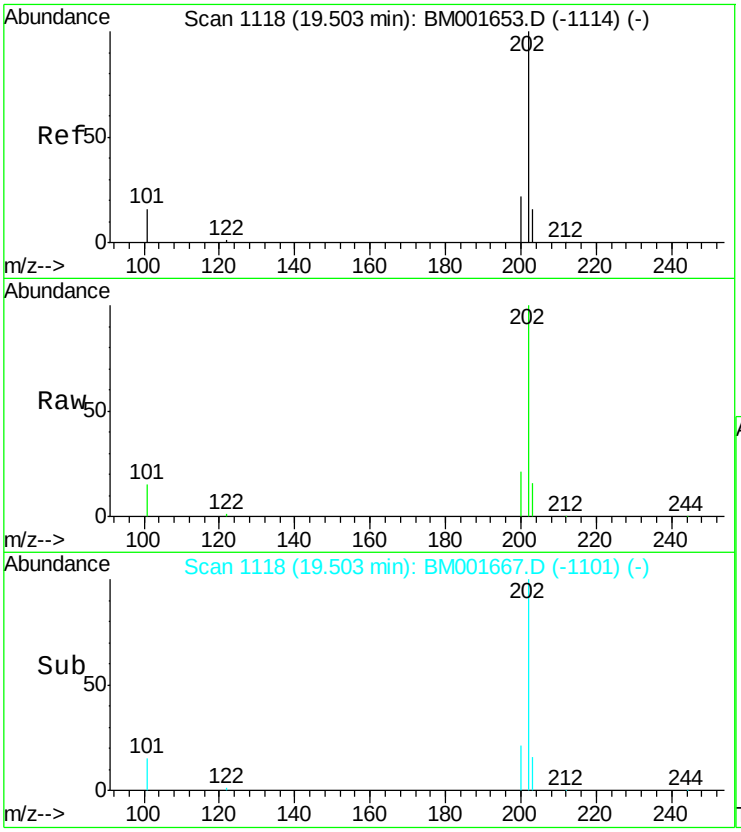


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:240 Resp: 60083

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	29.9	24.6	36.8



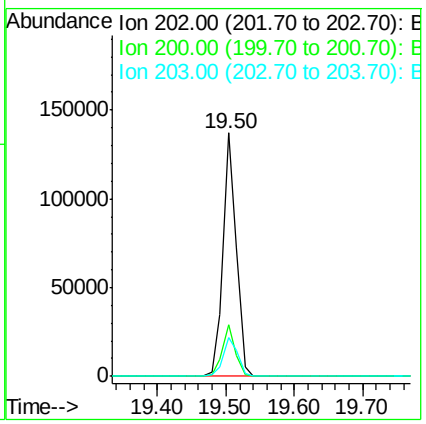


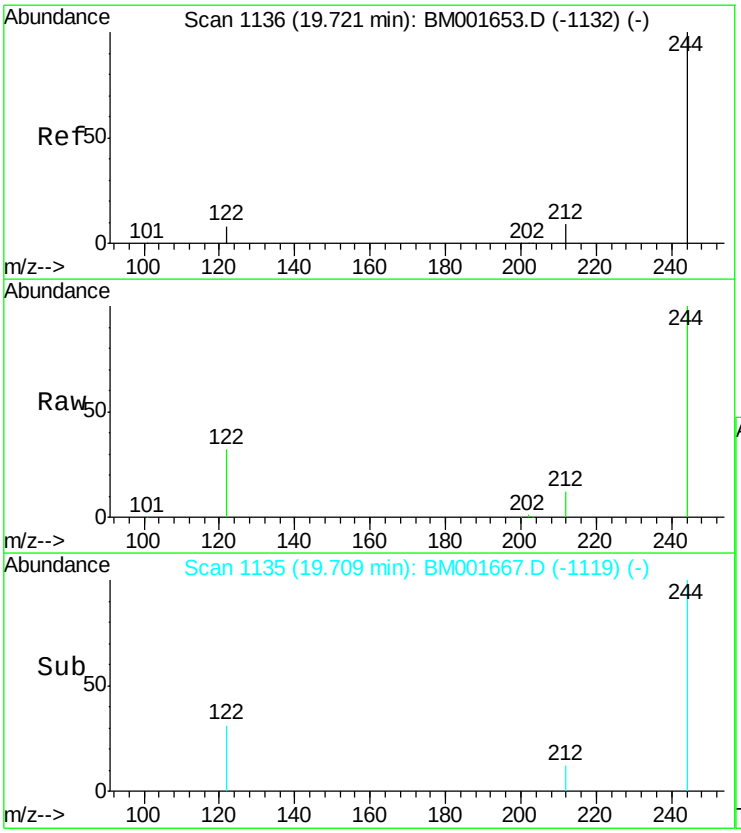
#26
Pyrene
Concen: 8.86 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:202 Resp: 182836

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.7	13.8	20.8

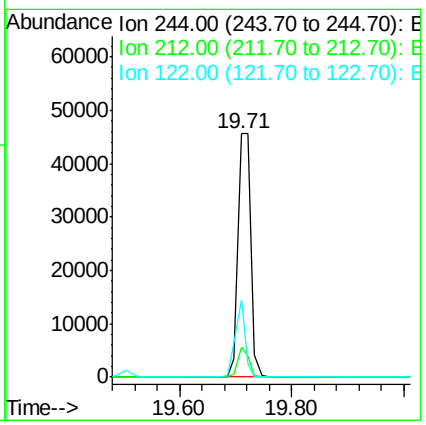


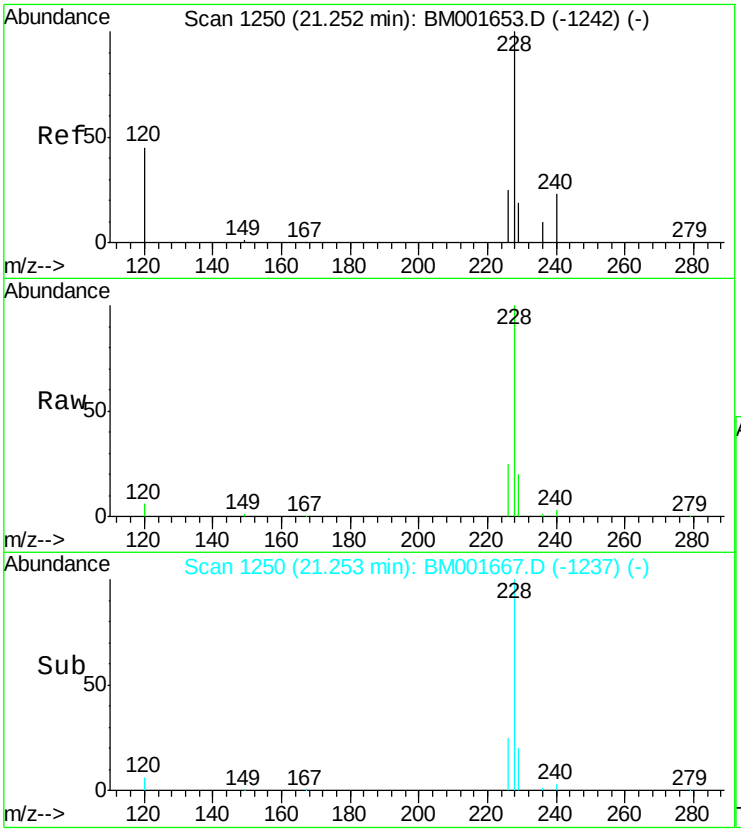


#27
Terphenyl-d14
Concen: 7.94 ng
RT: 19.71 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:244 Resp: 71965

Ion	Ratio	Lower	Upper
244	100		
212	12.2	7.7	11.5#
122	31.7	6.9	10.3#



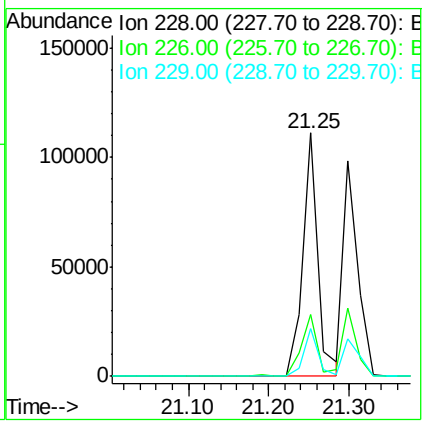


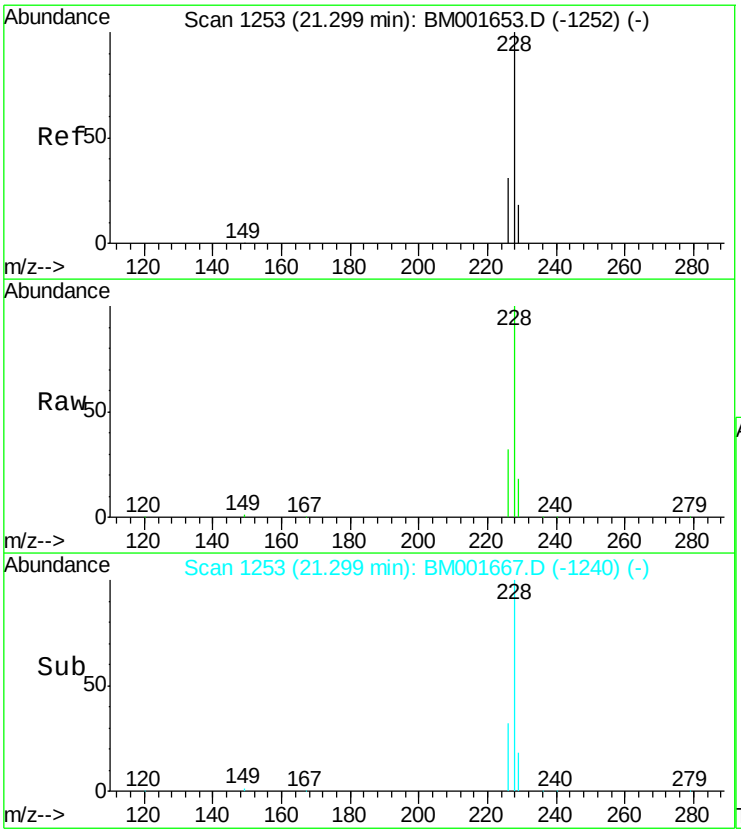
#28
Benzo(a)anthracene
Concen: 7.75 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:228 Resp: 146349

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.2	30.4
229	19.6	15.7	23.5

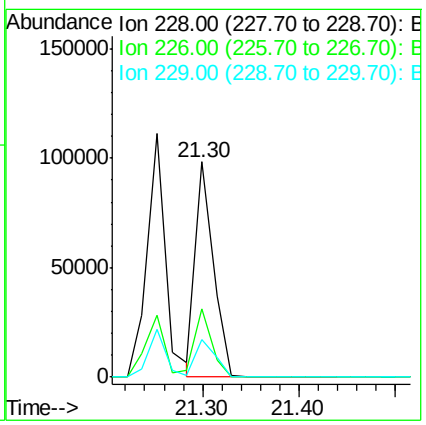


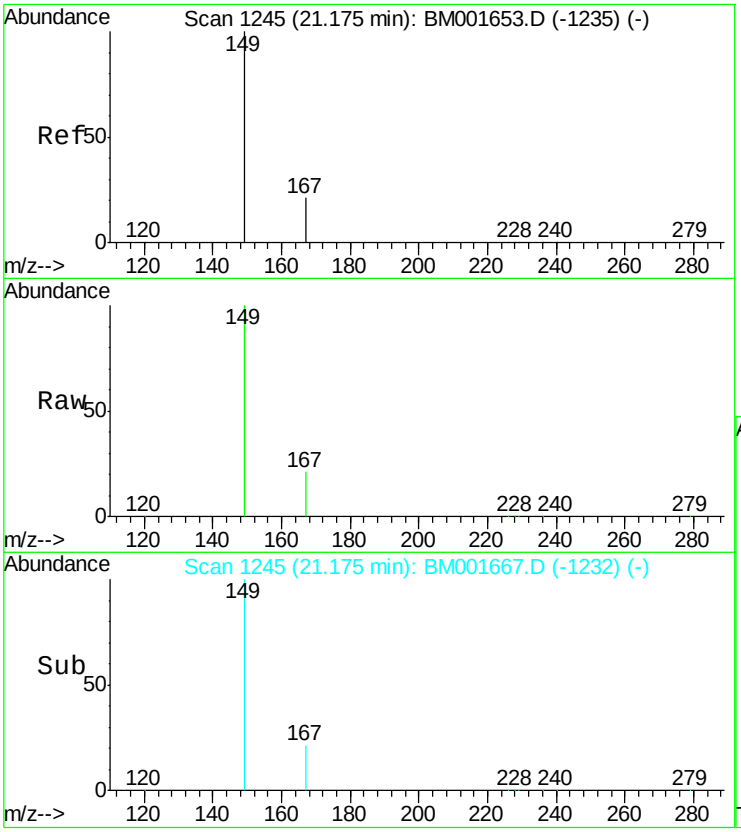


#29
Chrysene
Concen: 7.01 ng
RT: 21.30 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:228 Resp: 126706

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.8
229	17.7	14.1	21.1



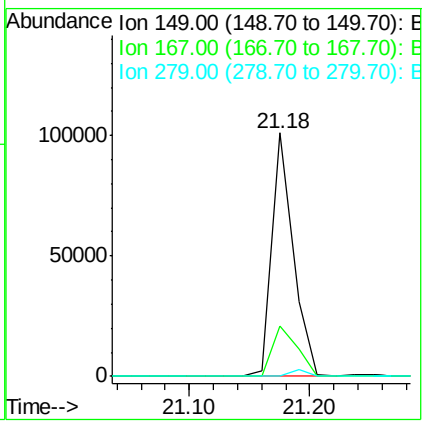


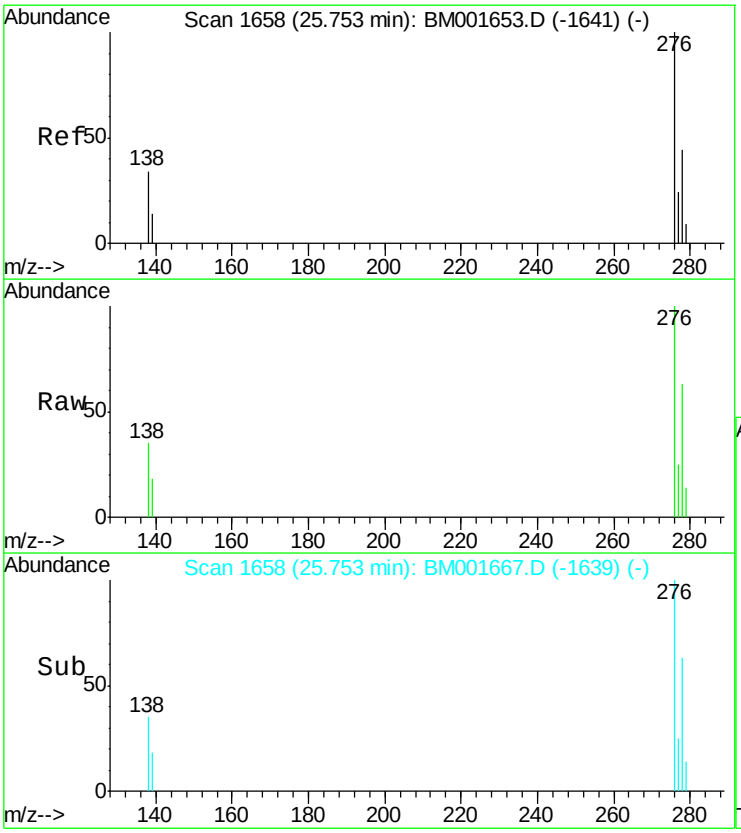
#30
Bis(2-ethylhexyl)phthalate
Concen: 9.10 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:149 Resp: 125121

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.2	30.2
279	2.2	1.7	2.5

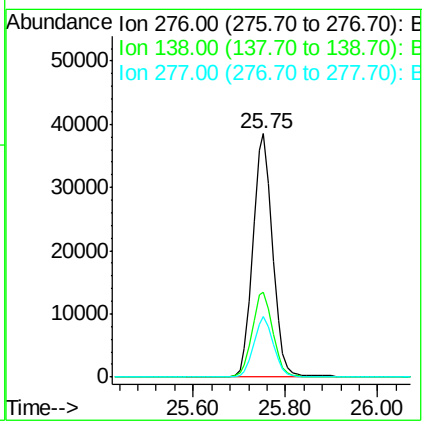


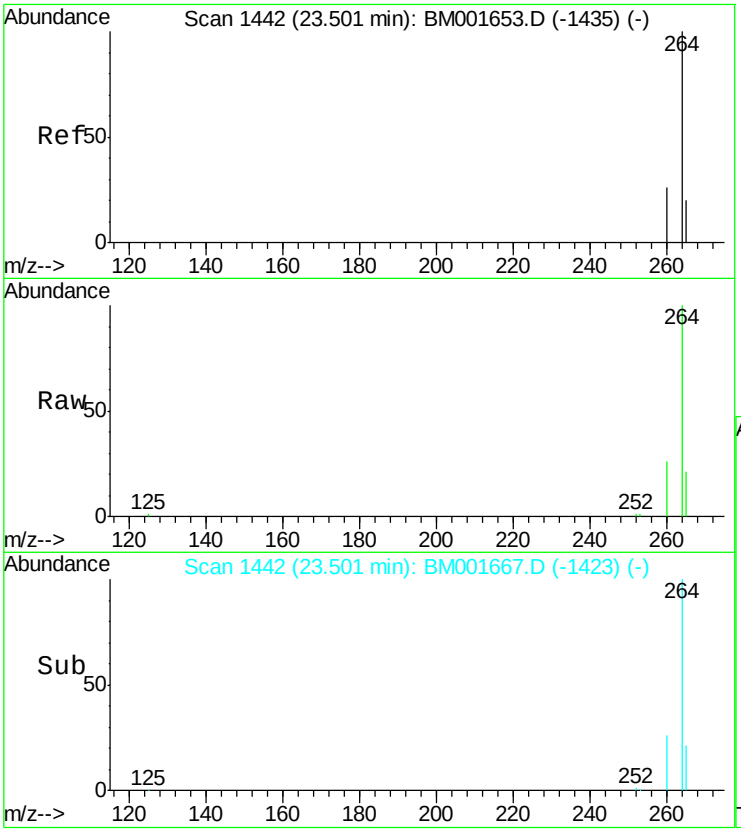


#31
Indeno(1,2,3-cd)pyrene
Concen: 8.02 ng
RT: 25.75 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:276 Resp: 113825

Ion	Ratio	Lower	Upper
276	100		
138	36.4	28.8	43.2
277	24.6	19.6	29.4



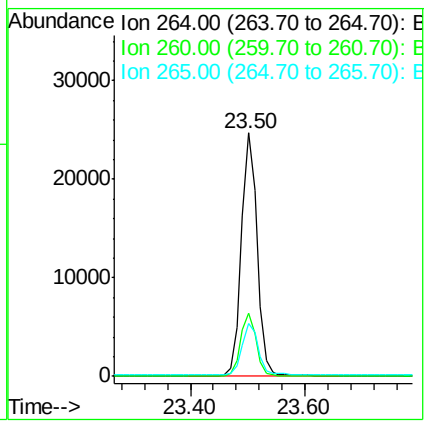


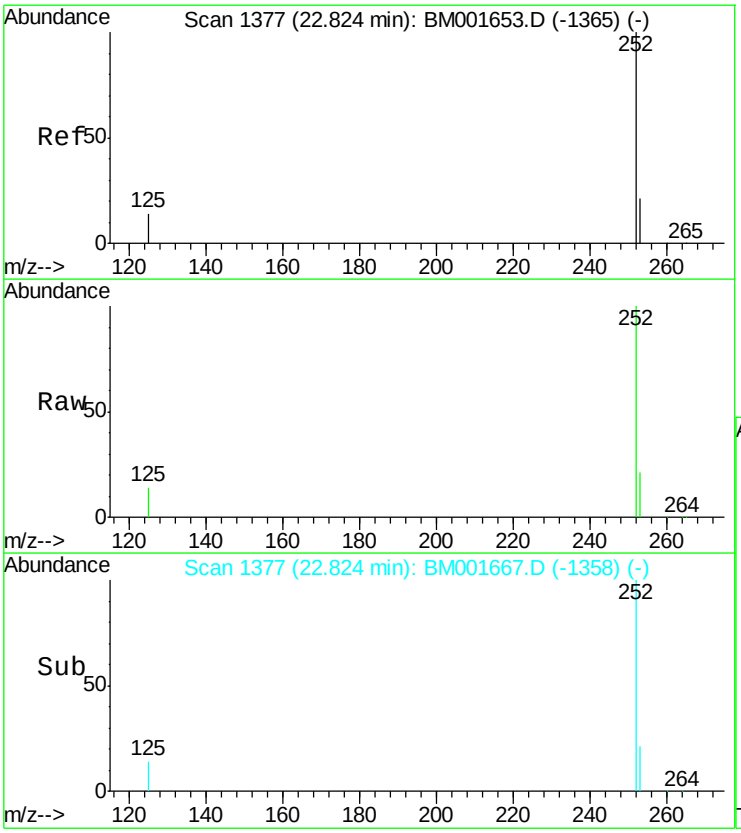
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.50 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:264 Resp: 46960

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.8	31.2
265	21.5	16.9	25.3

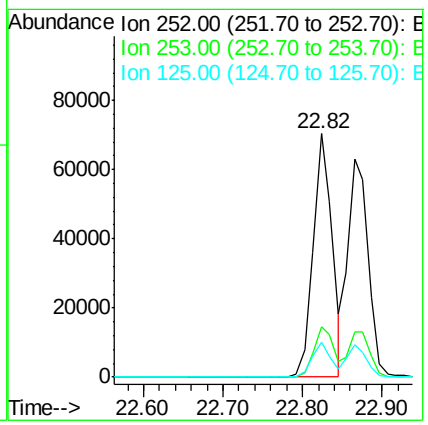


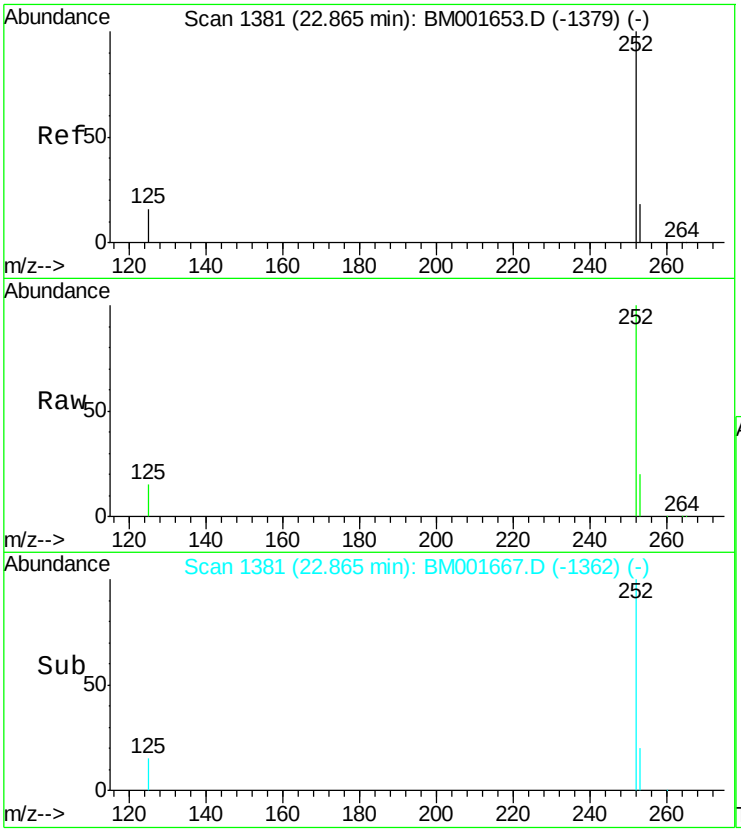


#33
Benzo(b)fluoranthene
Concen: 7.52 ng
RT: 22.82 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:252 Resp: 115250

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.2
125	14.3	12.0	18.0



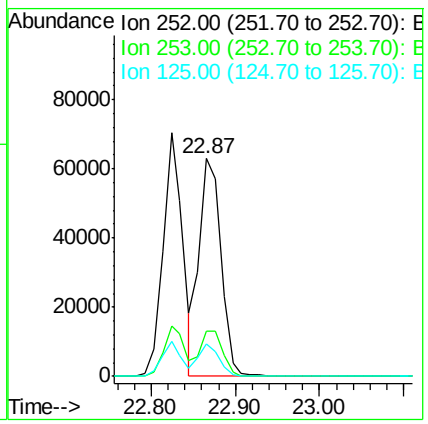


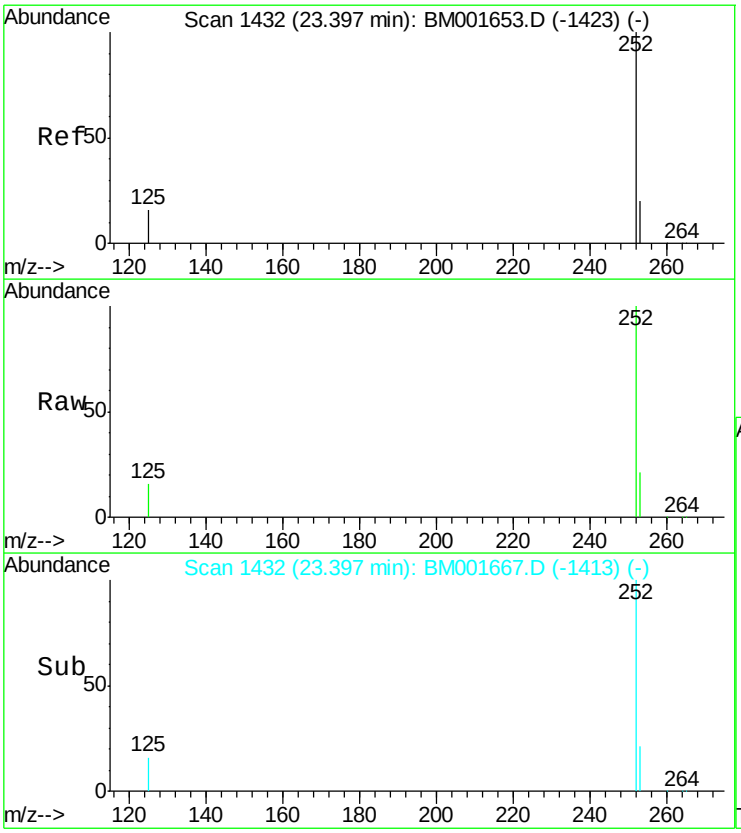
#34
Benzo(k)fluoranthene
Concen: 7.51 ng
RT: 22.87 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:252 Resp: 111666

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.6
125	14.7	12.5	18.7

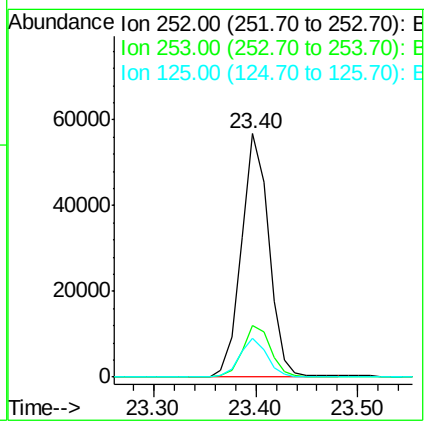


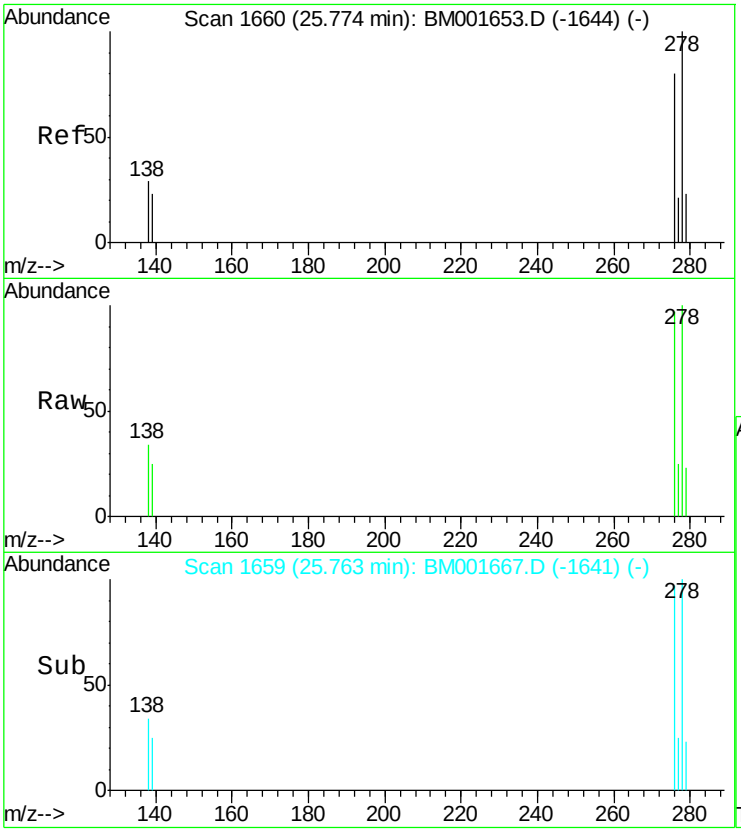


#35
Benzo(a)pyrene
Concen: 8.28 ng
RT: 23.40 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:252 Resp: 105684

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	15.9	14.0	21.0



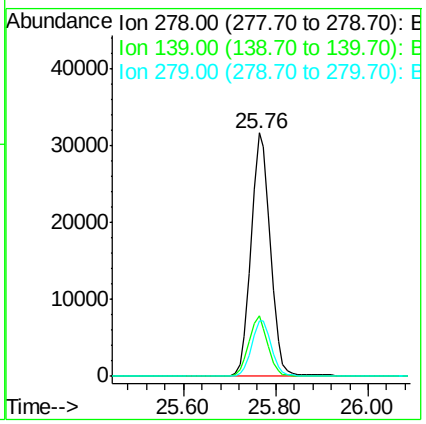


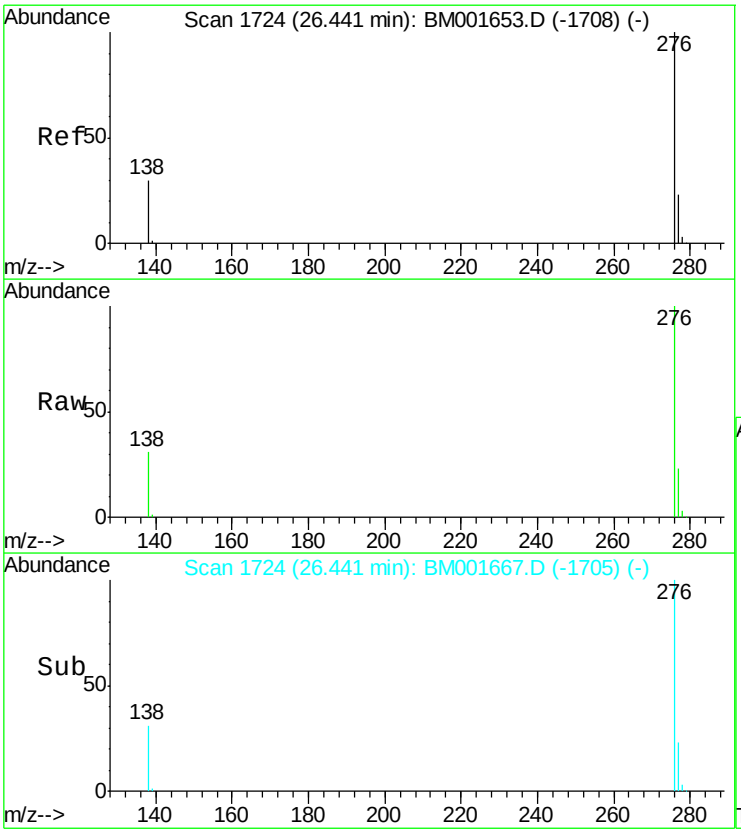
#36
Dibenzo(a,h)anthracene
Concen: 8.55 ng
RT: 25.76 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Instrument :
BNA_M
ClientSampleId :
PB83924BS

Tgt Ion:278 Resp: 91658

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.1	28.7
279	22.9	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 8.59 ng
RT: 26.44 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM001667.D
Acq: 12 Jun 2015 08:27

Tgt Ion:276 Resp: 93855

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.3	28.9
138	31.2	25.0	37.4