Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001657.D
Acq On : 12 Jun 2015 00:37
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 12 02:19:37 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 02:07:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	16641	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	60191	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	30088	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	40312	5.00	ng		0.00
25) Chrysene-d12	21.27	240	51159	5.00	ng		0.00
32) Perylene-d12	23.50	264	38920	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	464	0.12	ng		0.00
5) Phenol-d6	6.84	99	566	0.12	ng		0.00
7) Nitrobenzene-d5	8.85	82	527	0.12	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	112	0.09	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	1328	0.14	ng		0.00
27) Terphenyl-d14	19.72	244	975	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	323	0.18	ng	#	82
3) n-Nitrosodimethylamine	3.52	42	305	0.11	ng	#	89
8) Nitrobenzene	8.89	77	569	0.12	ng		99
9) Naphthalene	10.52	128	1853	0.14	ng	#	90
10) Hexachlorobutadiene	10.80	225	312	0.13	ng		98
11) 2-Methylnaphthalene	12.15	142	1154	0.14	ng	#	93
15) Acenaphthylene	14.06	152	1574	0.12	ng		99
16) Acenaphthene	14.40	154	1107	0.13	ng		100
17) Fluorene	15.36	166	1101	0.18	ng		99
19) 4-Bromophenyl-phenylether	16.27	248	444	0.11	ng	#	95
20) Hexachlorobenzene	16.38	284	457	0.19	ng		92
21) Pentachlorophenol	16.72	266	71	0.10	ng	#	74
22) Phenanthrene	17.12	178	1586	0.11	ng	#	97
23) Anthracene	17.19	178	1671m	0.17	ng		
24) Fluoranthene	19.14	202	2118	0.13	ng		100
26) Pyrene	19.50	202	2204	0.13	ng		100
28) Benzo(a)anthracene	21.25	228	2043	0.14	ng		94
29) Chrysene	21.30	228	1911	0.13	ng		96
30) Bis(2-ethylhexyl)phthalate	21.18	149	1297	0.15	ng		98
31) Indeno(1,2,3-cd)pyrene	25.76	276	1456	0.10	ng		99
33) Benzo(b)fluoranthene	22.82	252	1547	0.13	ng	#	81
34) Benzo(k)fluoranthene	22.88	252	1592	0.14	ng	#	79
35) Benzo(a)pyrene	23.40	252	1272	0.12	ng	#	71
36) Dibenzo(a,h)anthracene	25.78	278	1167	0.13	ng	#	75
37) Benzo(g,h,i)perylene	26.44	276	1328	0.13	ng	#	84

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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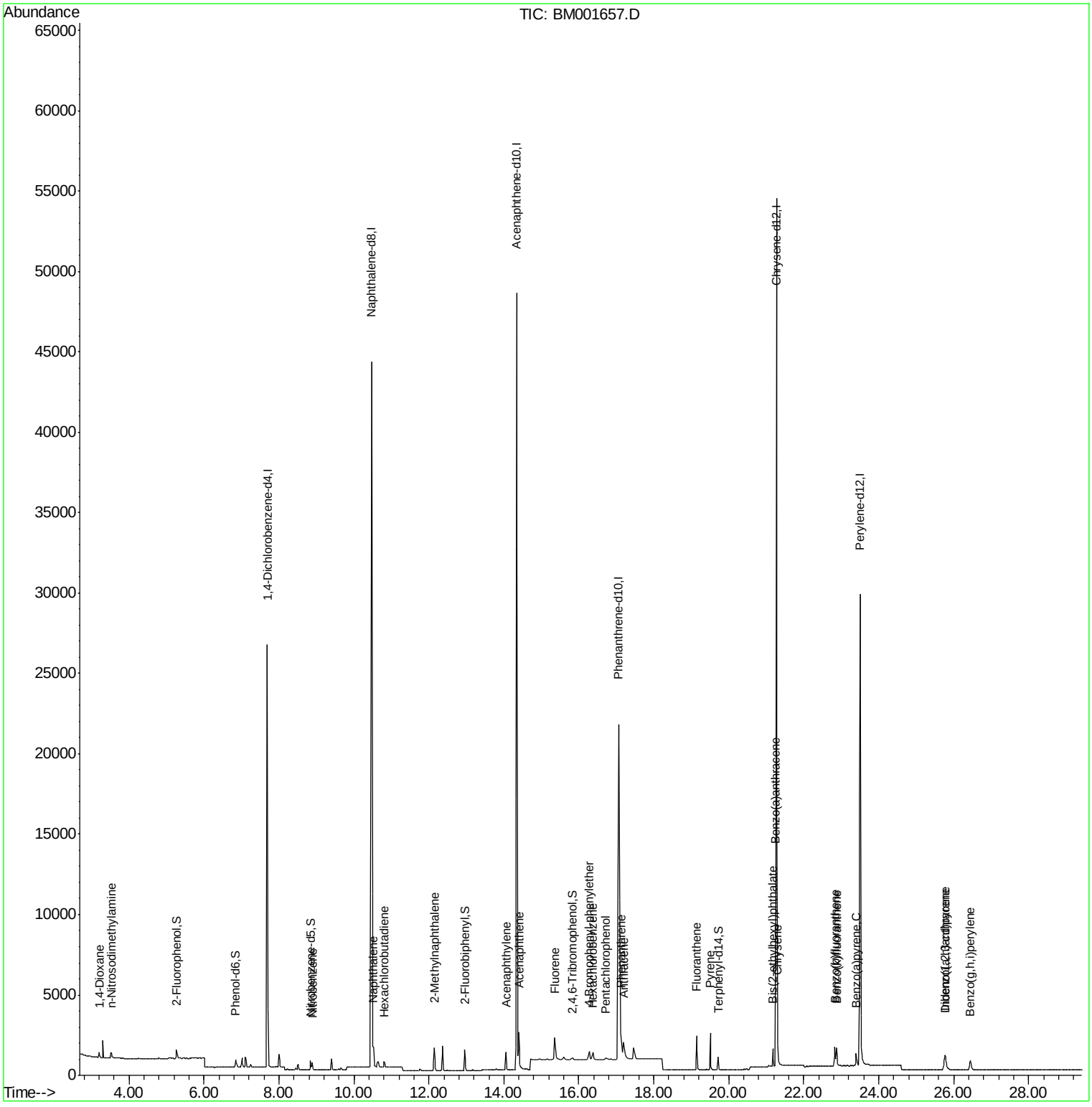
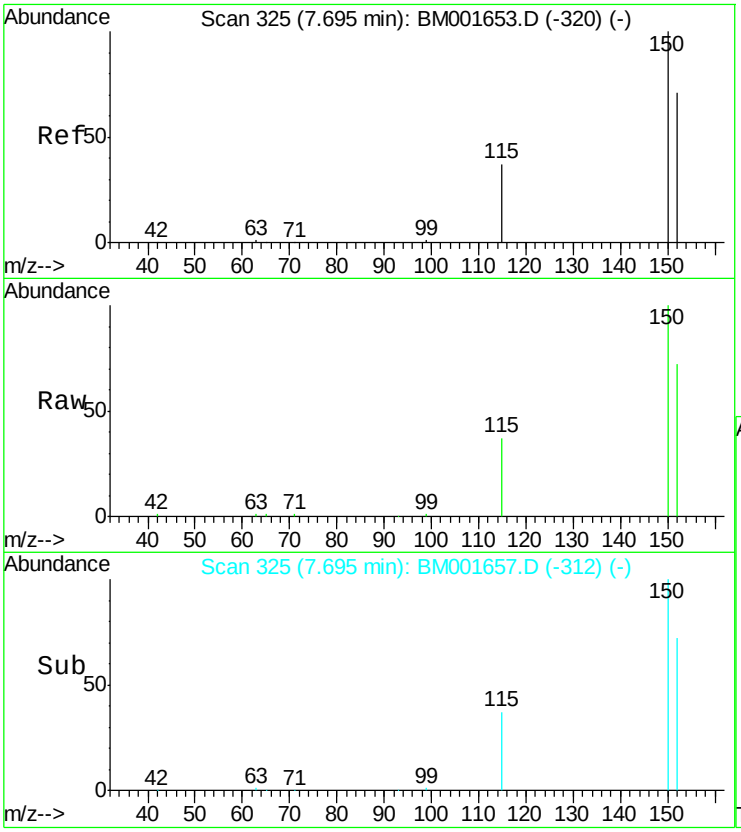
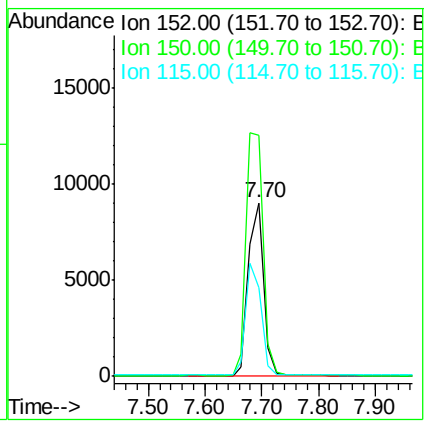




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:152 Resp: 16641

Ion	Ratio	Lower	Upper
152	100		
150	138.7	112.2	168.2
115	51.3	41.7	62.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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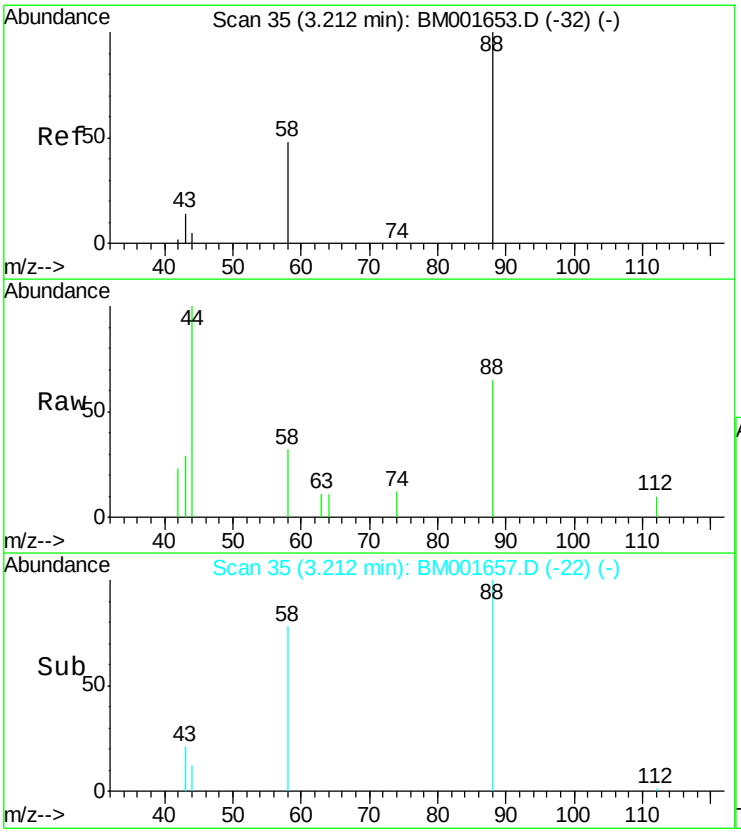
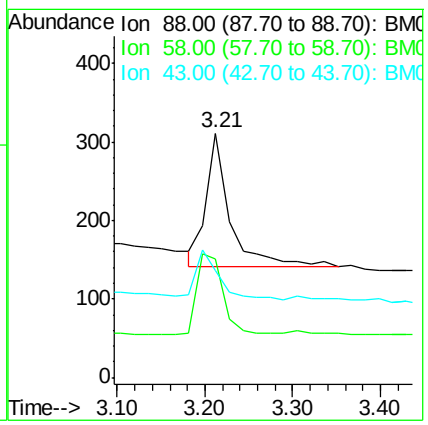
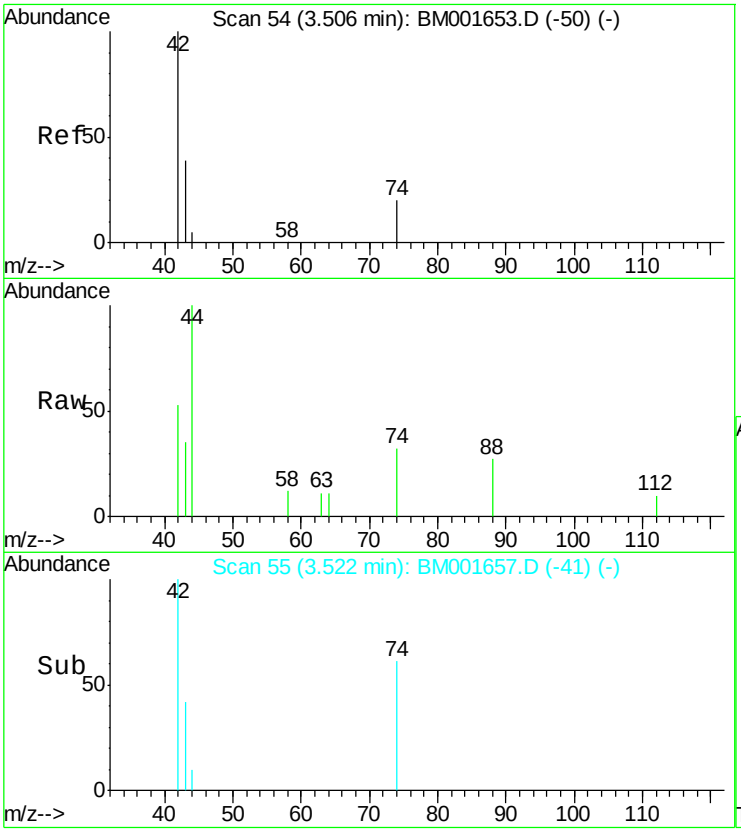


#2
1,4-Dioxane
Concen: 0.18 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion: 88 Resp: 323

Ion	Ratio	Lower	Upper
88	100		
58	67.2	70.5	105.7#
43	36.5	33.3	49.9





#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion: 42 Resp: 305

Ion	Ratio	Lower	Upper
42	100		
74	105.2	75.7	113.5
44	11.8	6.7	10.1#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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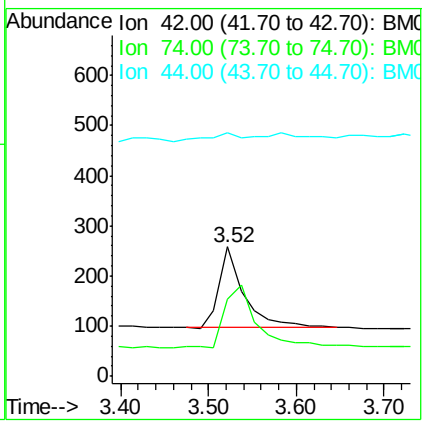
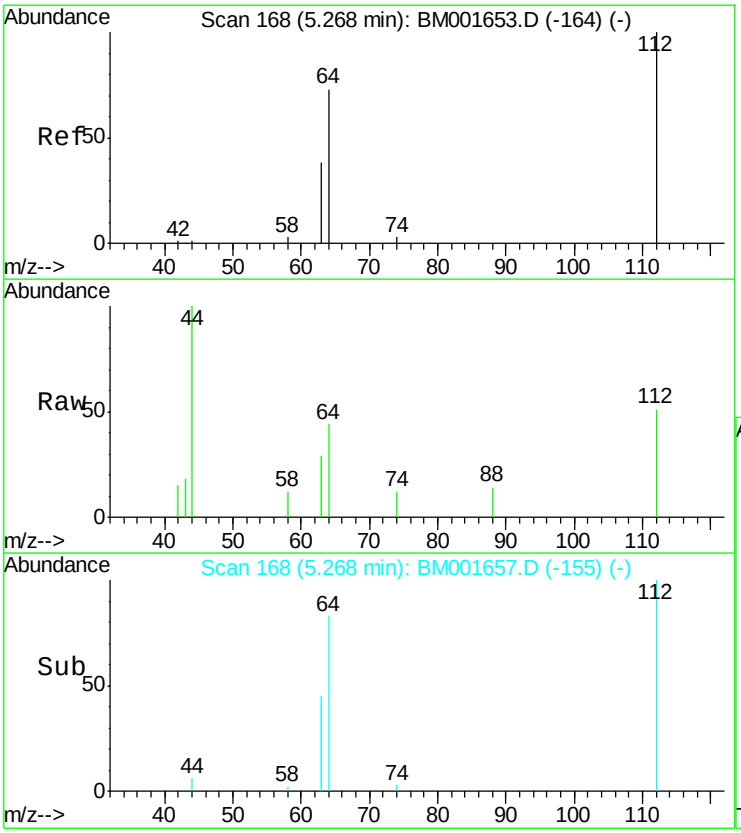
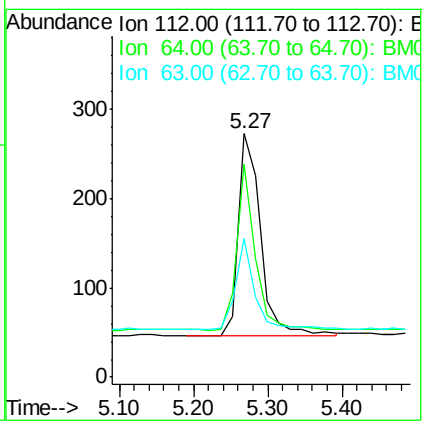


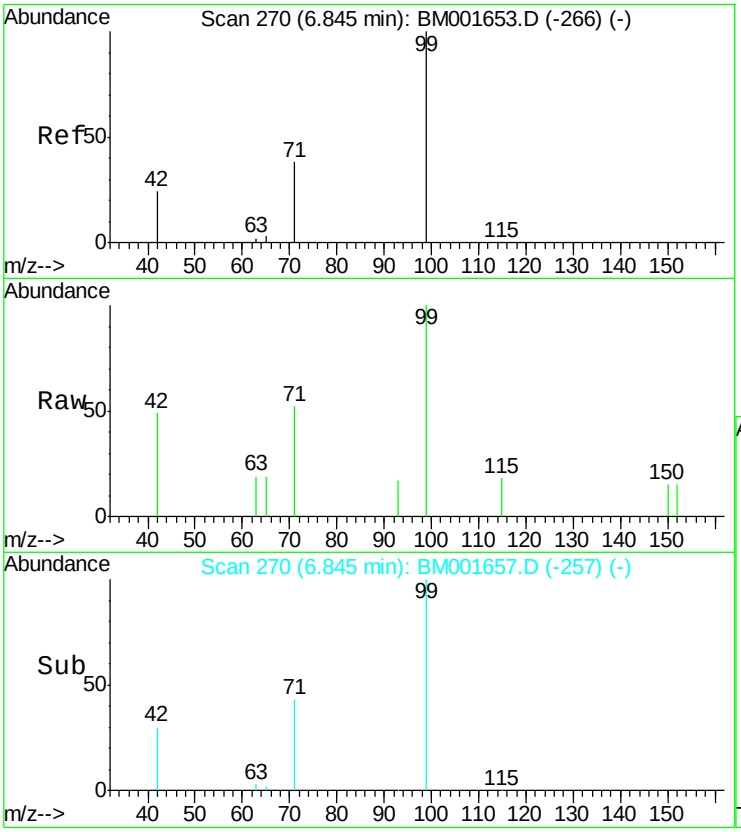


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:112 Resp: 464

Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	37.7	29.9	44.9

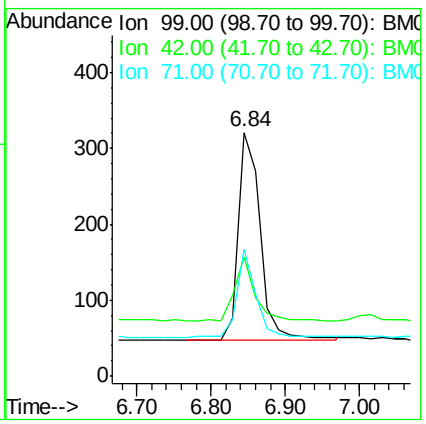




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion: 99 Resp: 566

Ion	Ratio	Lower	Upper
99	100		
42	29.3	21.6	32.4
71	38.2	28.7	43.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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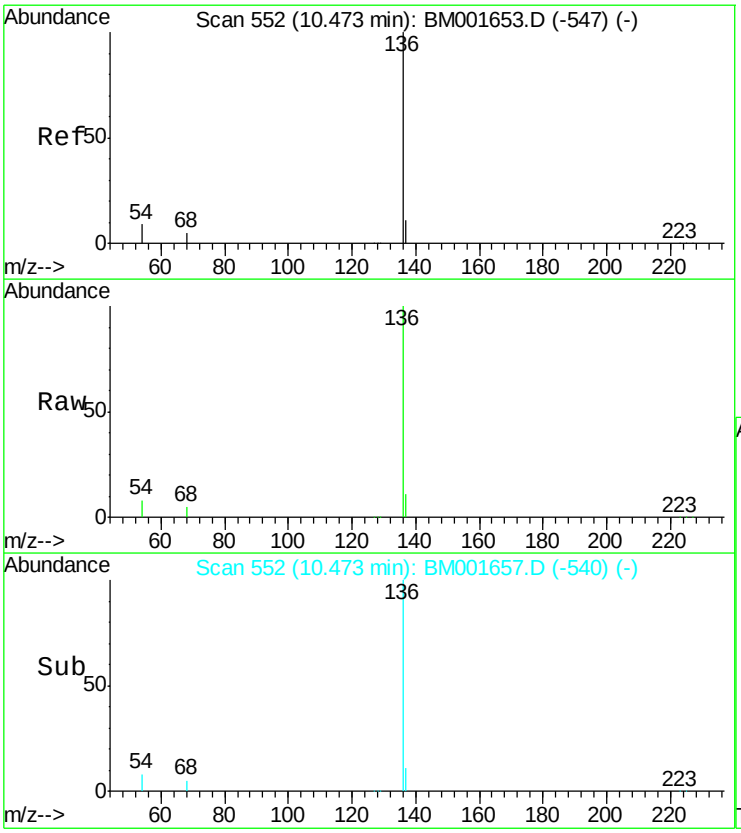
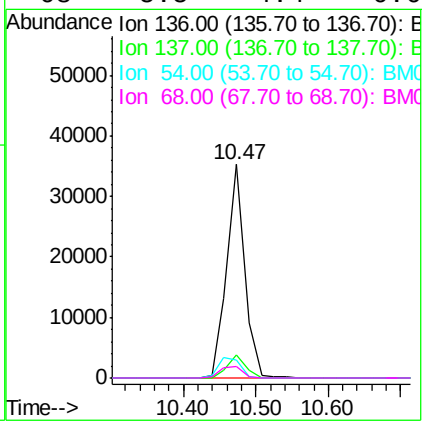
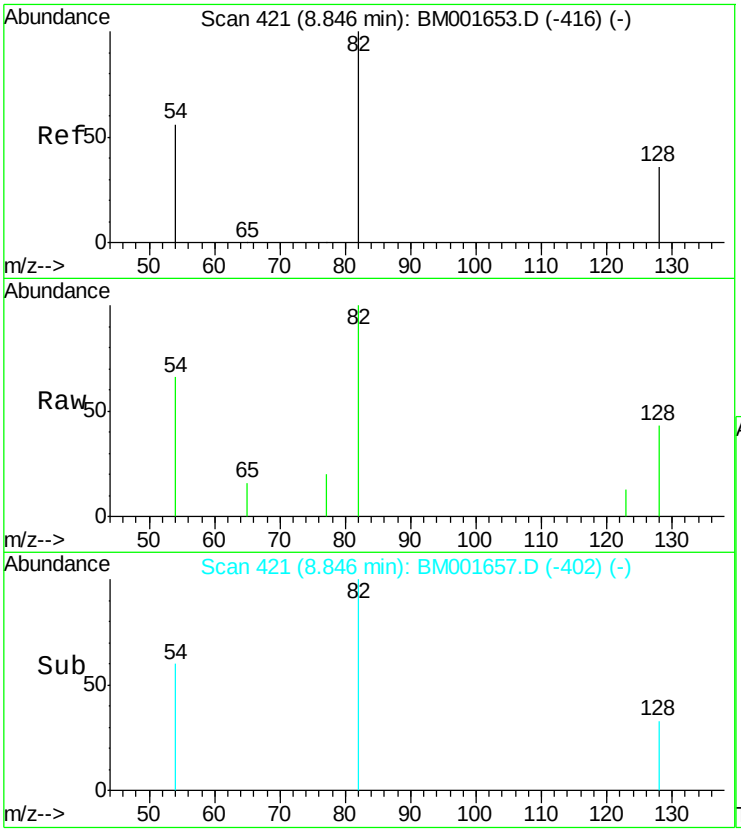


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:136 Resp: 60191

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.5	6.9	10.3
68	5.5	4.4	6.6

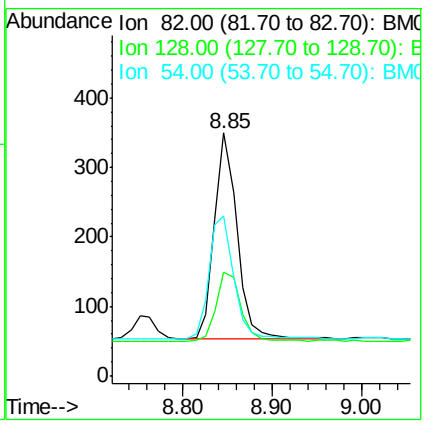




#7
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion: 82 Resp: 527

Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	66.0	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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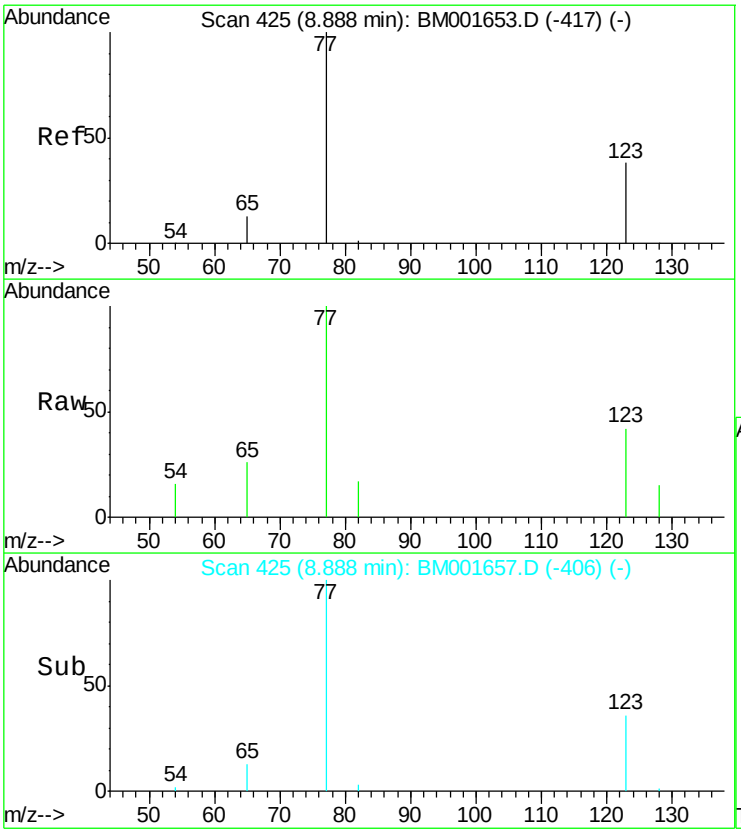
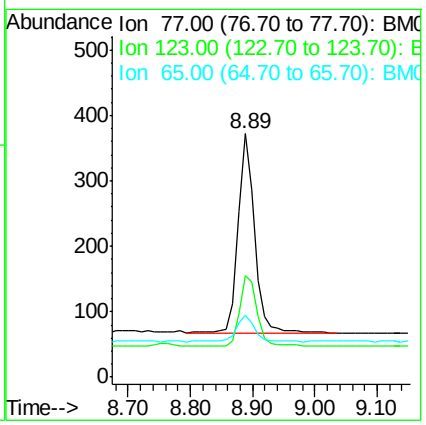
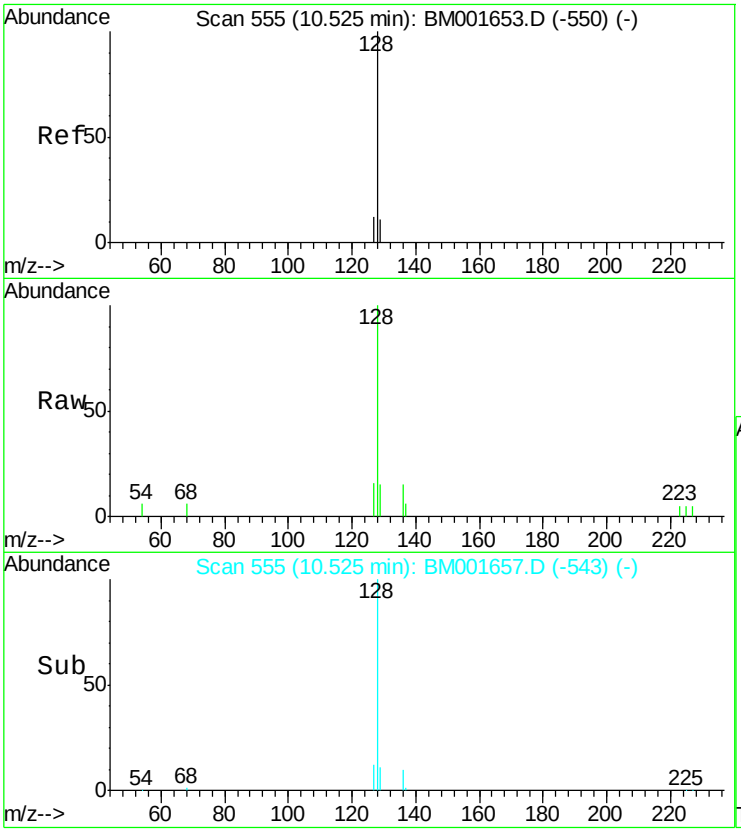


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion: 77 Resp: 569

Ion	Ratio	Lower	Upper
77	100		
123	37.3	30.3	45.5
65	13.9	11.2	16.8

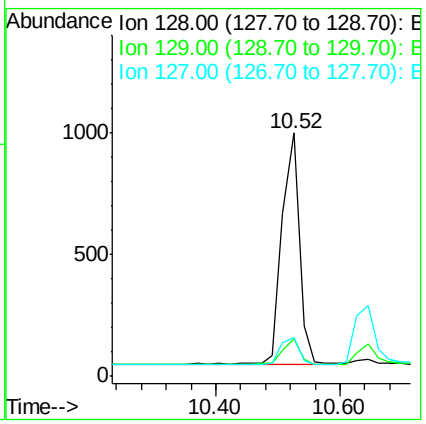




#9
Naphthalene
Concen: 0.14 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:128 Resp: 1853

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.4	14.2#
127	16.0	9.7	14.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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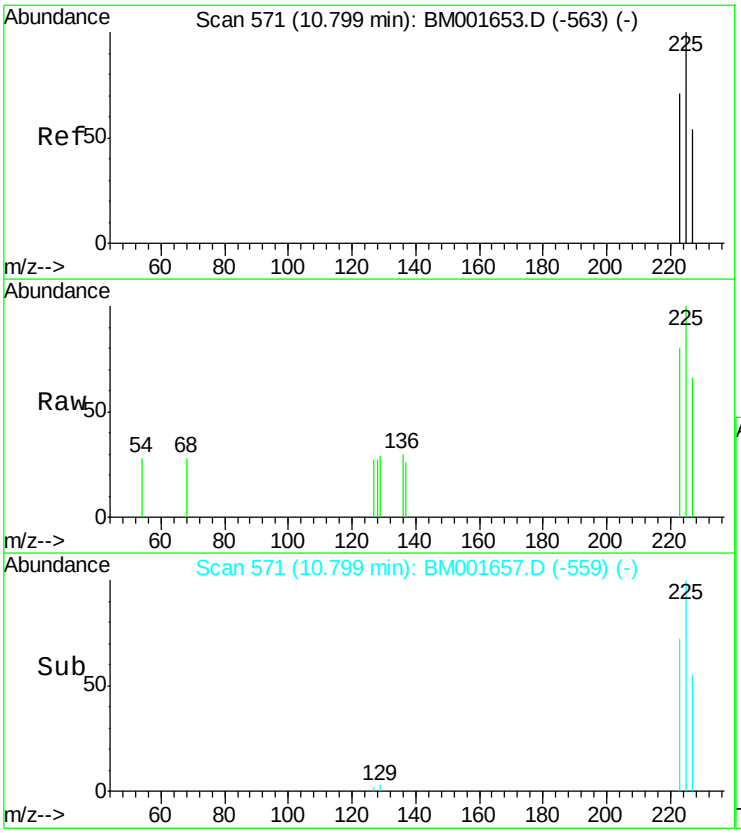
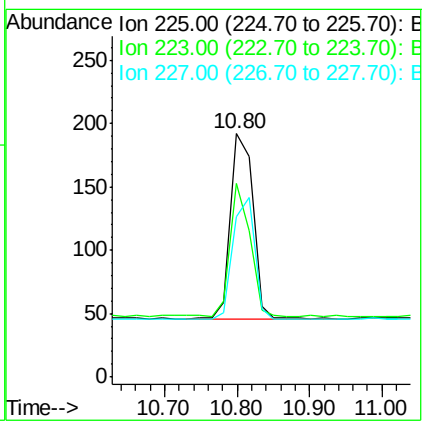
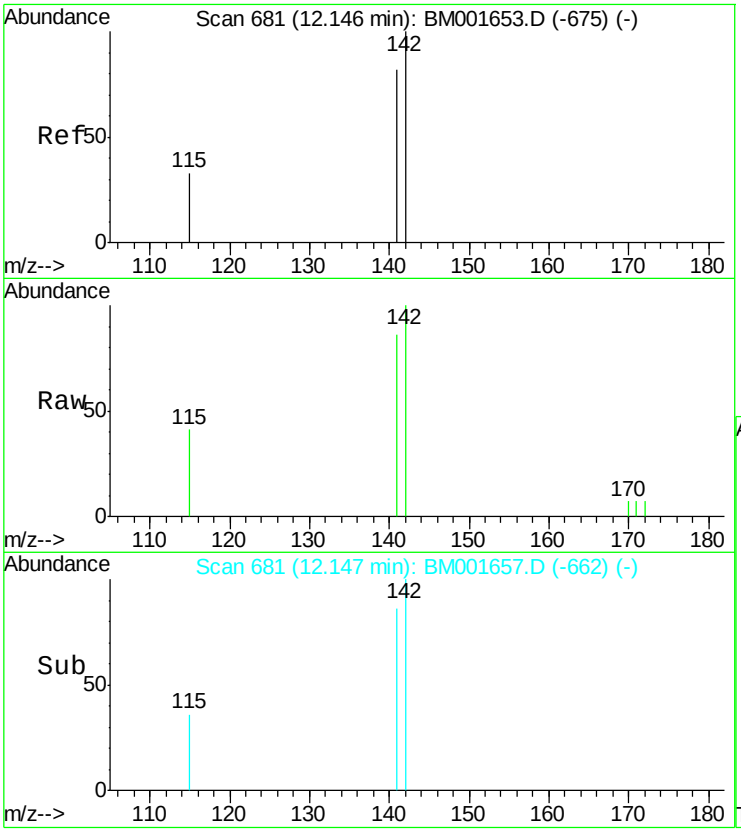


#10
Hexachlorobutadiene
Concen: 0.13 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:225 Resp: 312

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	62.2	51.2	76.8

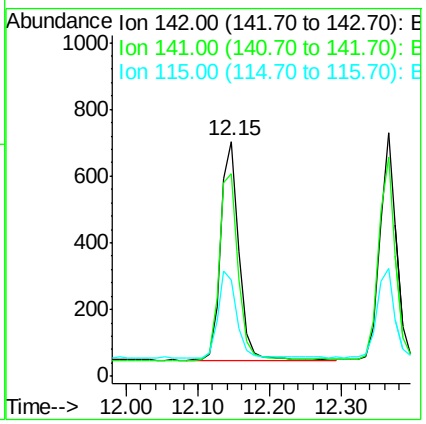




#11
2-Methylnaphthalene
Concen: 0.14 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:142 Resp: 1154

Ion	Ratio	Lower	Upper
142	100		
141	86.2	65.8	98.6
115	41.3	27.0	40.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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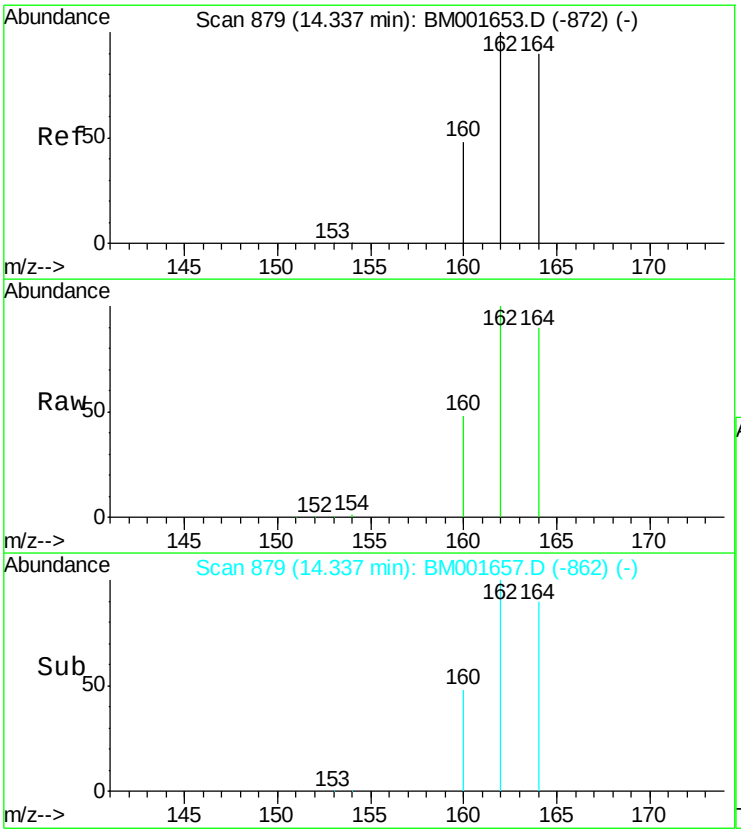
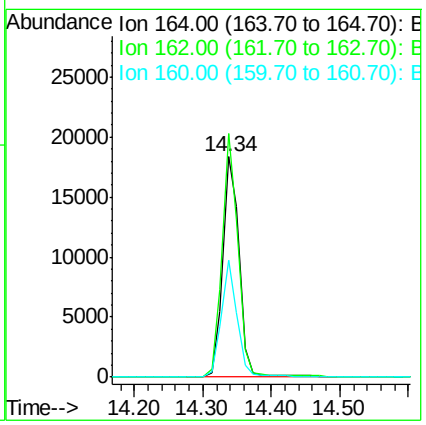
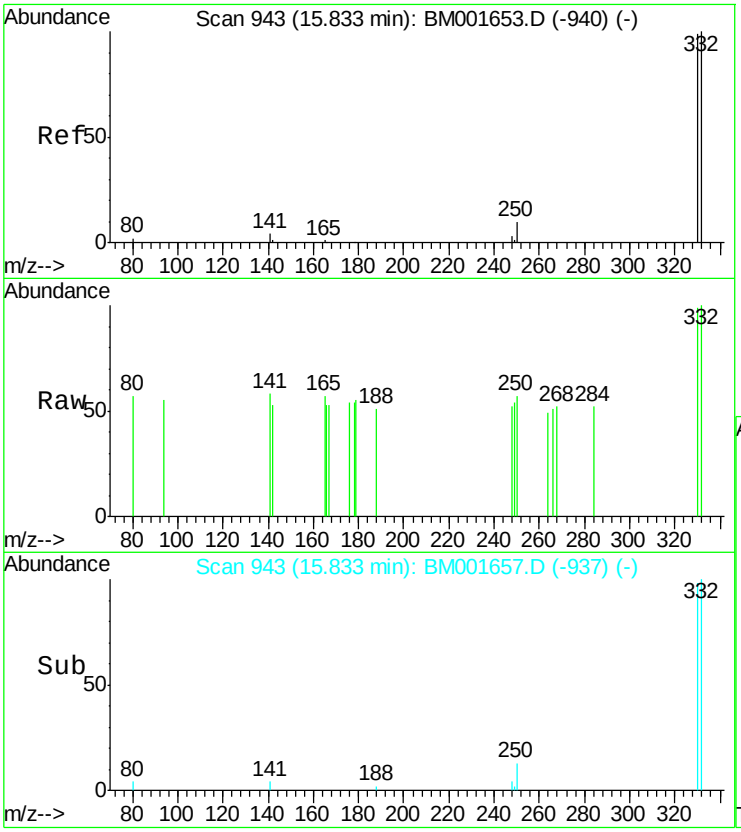


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:164 Resp: 30088

Ion	Ratio	Lower	Upper
164	100		
162	110.6	89.0	133.4
160	53.1	42.6	63.8

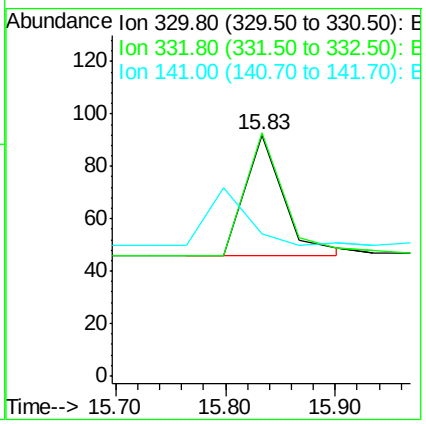




#13
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:330 Resp: 112

Ion	Ratio	Lower	Upper
330	100		
332	103.6	80.6	120.8
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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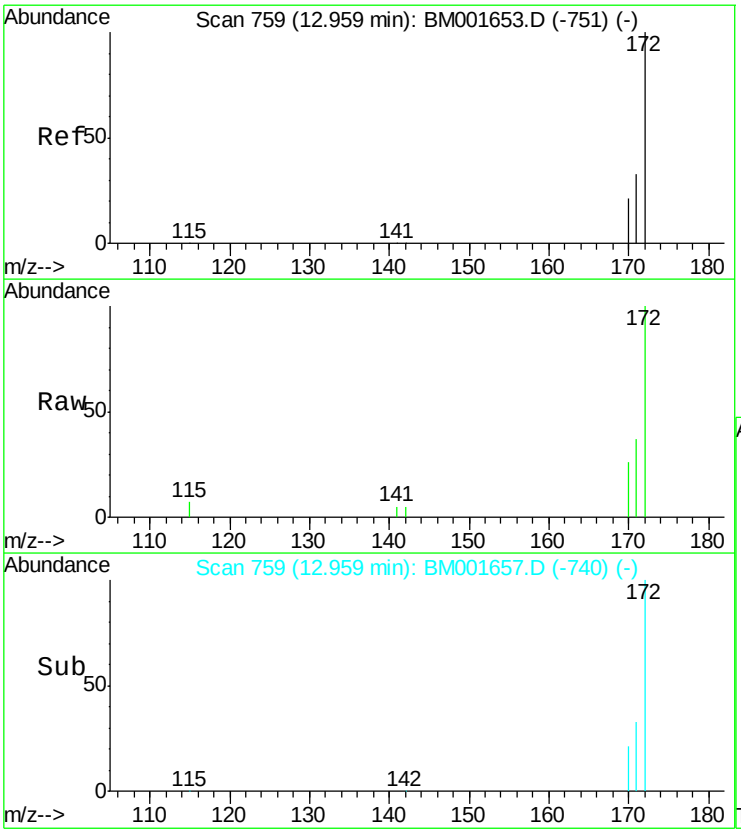
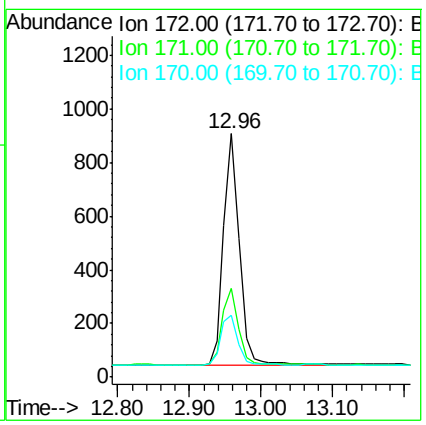
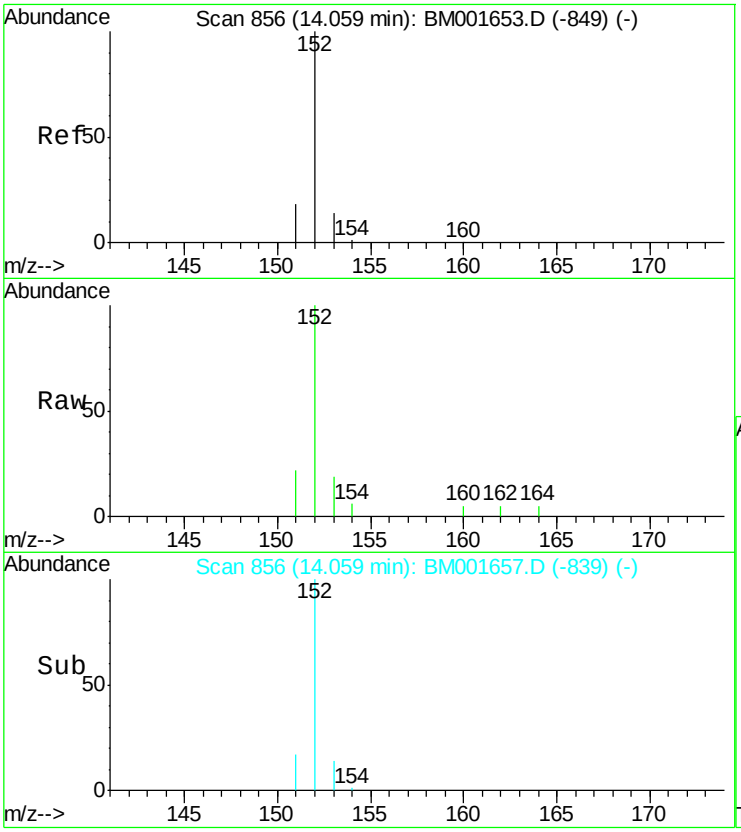


#14
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:172 Resp: 1328

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.6	40.0
170	25.6	17.1	25.7

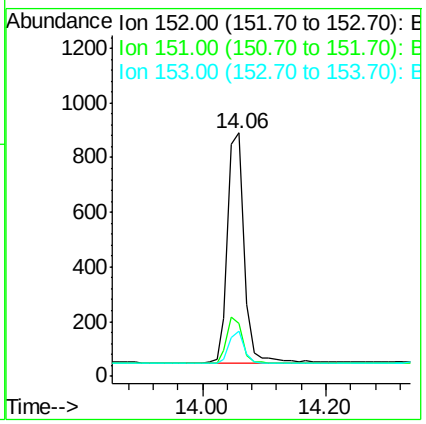




#15
Acenaphthylene
Concen: 0.12 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:152 Resp: 1574

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.5	23.3
153	13.3	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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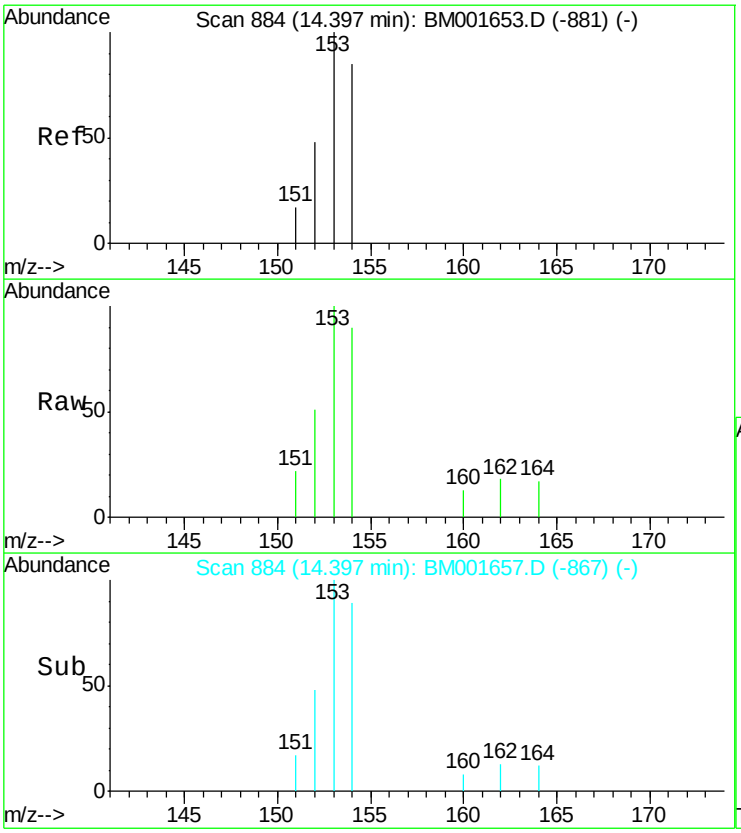
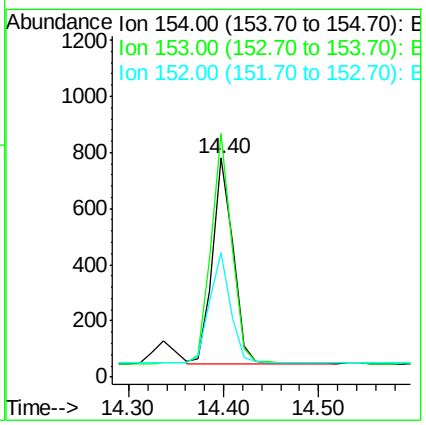
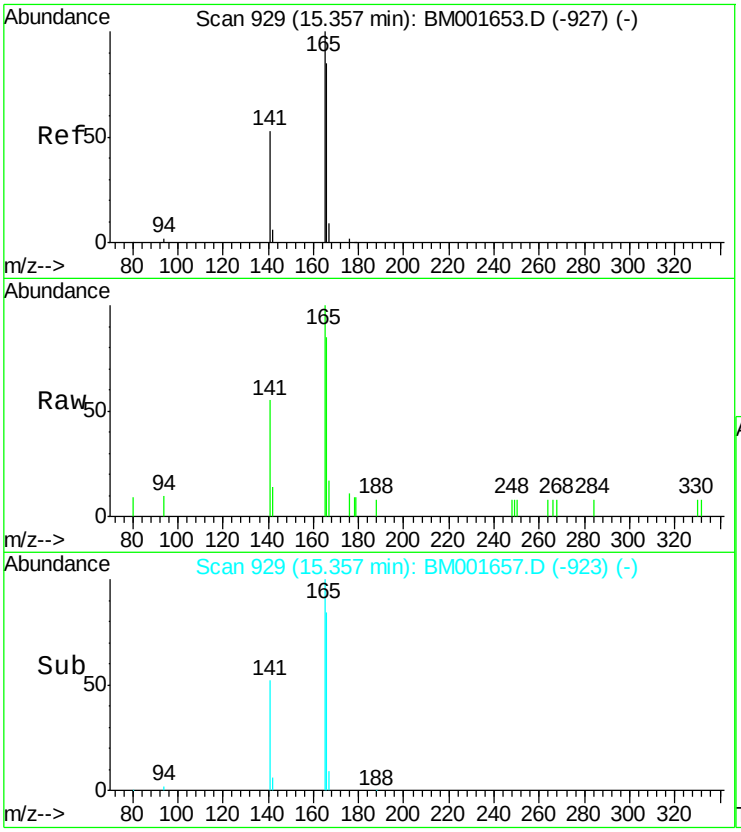


#16
Acenaphthene
Concen: 0.13 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:154 Resp: 1107

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.6
152	54.9	43.8	65.8

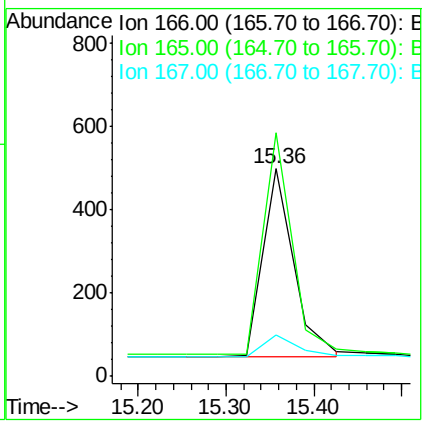




#17
Fluorene
Concen: 0.18 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:166 Resp: 1101

Ion	Ratio	Lower	Upper
166	100		
165	112.2	90.7	136.1
167	12.3	9.4	14.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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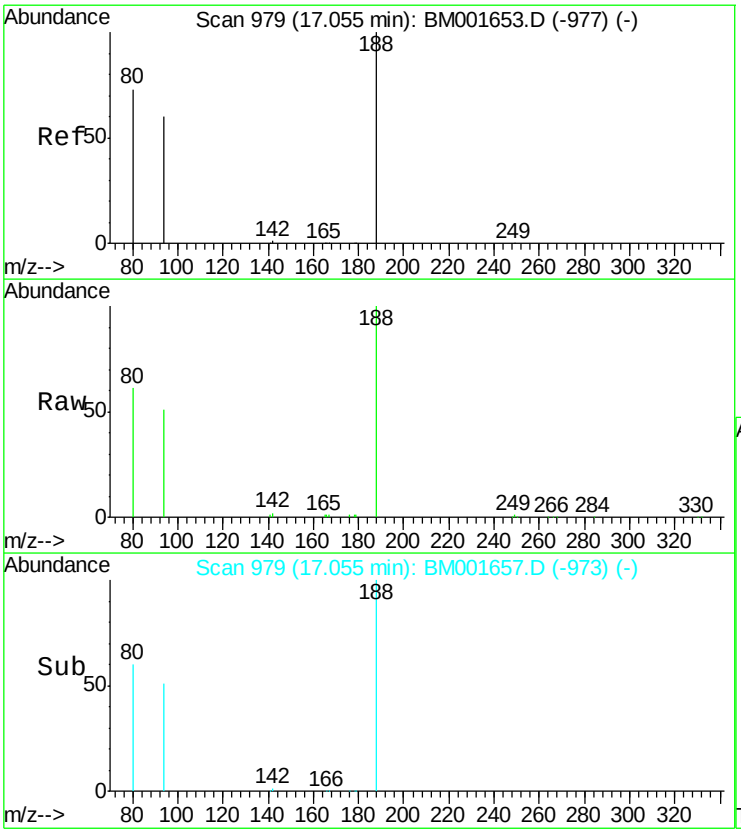
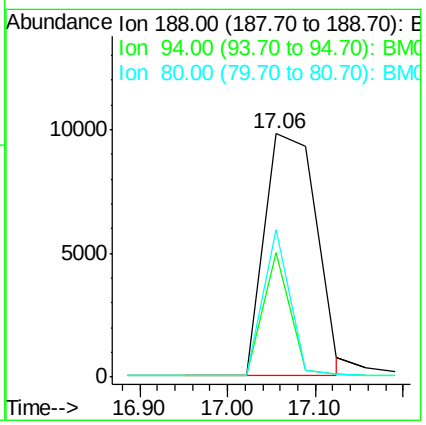
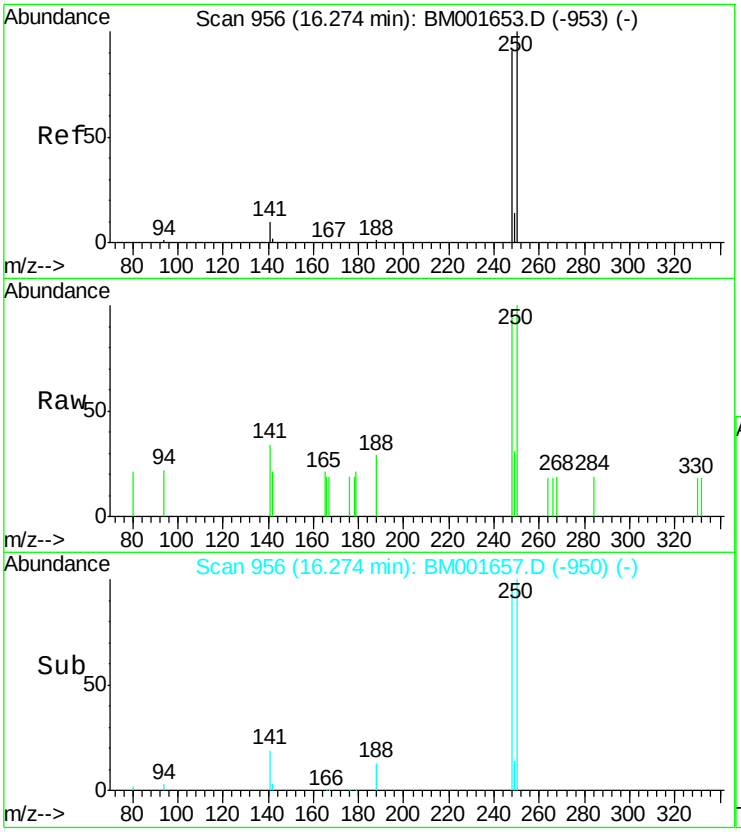


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:188 Resp: 40312

Ion	Ratio	Lower	Upper
188	100		
94	51.2	48.3	72.5
80	60.7	58.6	88.0

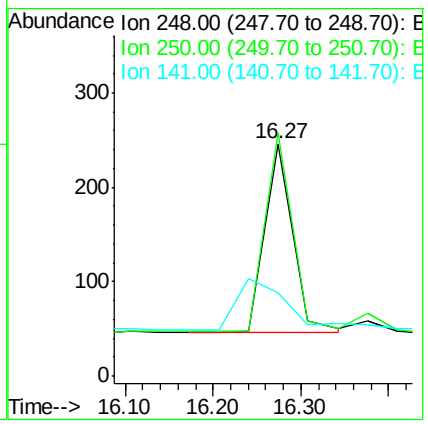




#19
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:248 Resp: 444

Ion	Ratio	Lower	Upper
248	100		
250	104.3	87.5	131.3
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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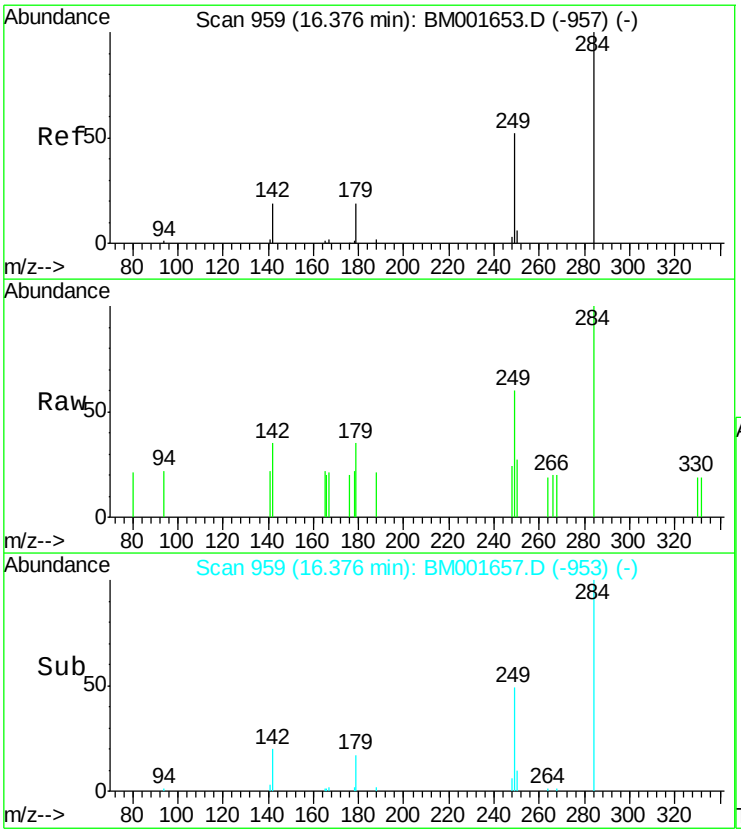
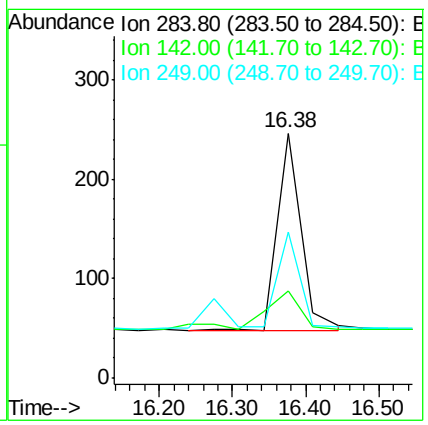
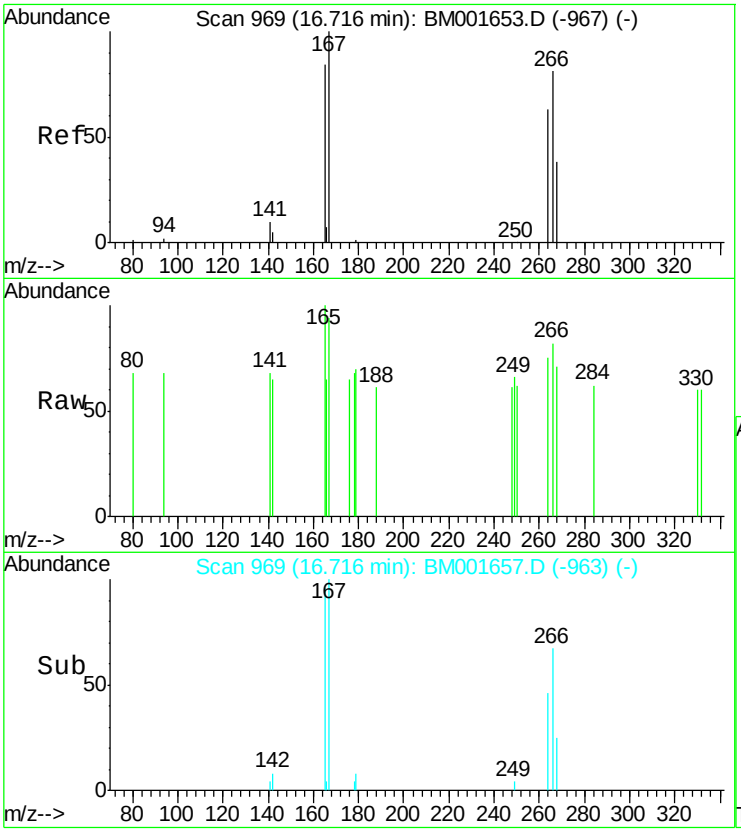


#20
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:284 Resp: 457

Ion	Ratio	Lower	Upper
284	100		
142	25.8	21.5	32.3
249	59.3	53.8	80.6

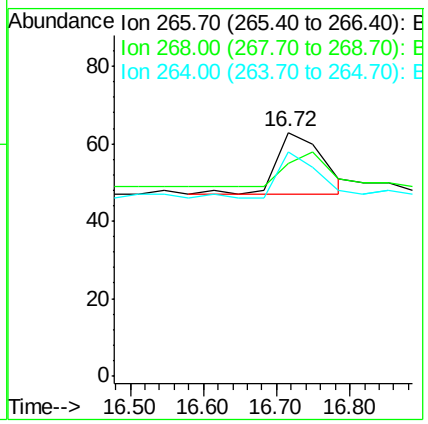




#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:266 Resp: 71

Ion	Ratio	Lower	Upper
266	100		
268	87.3	43.3	64.9#
264	92.1	64.5	96.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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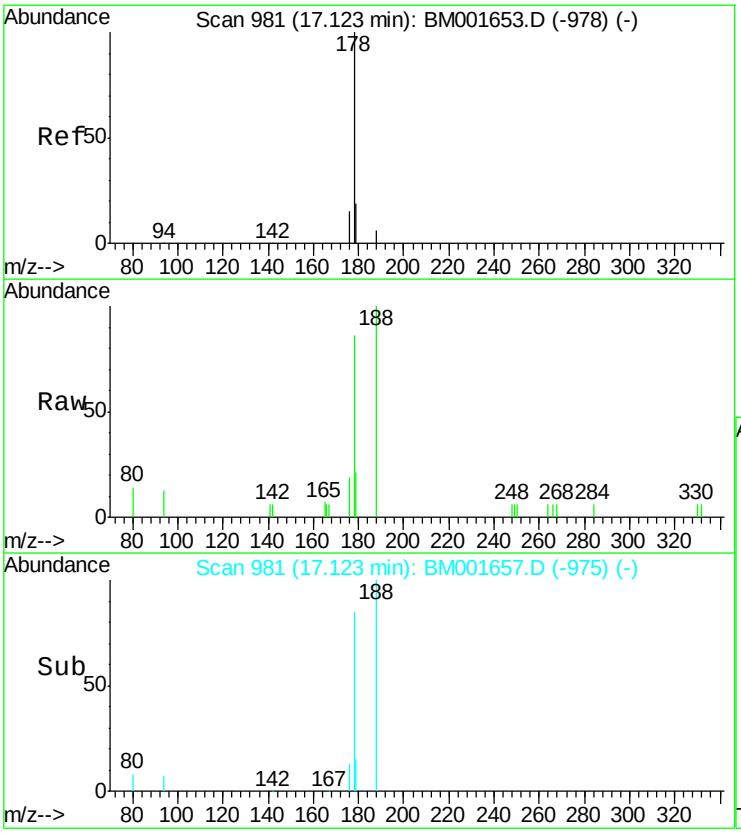
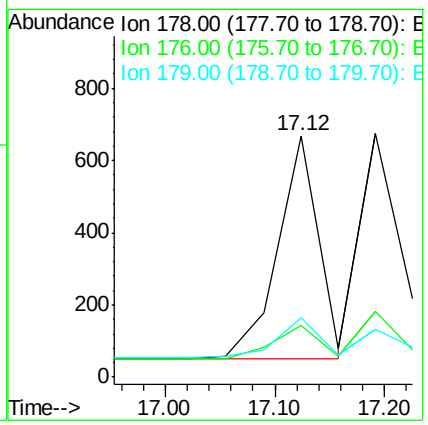
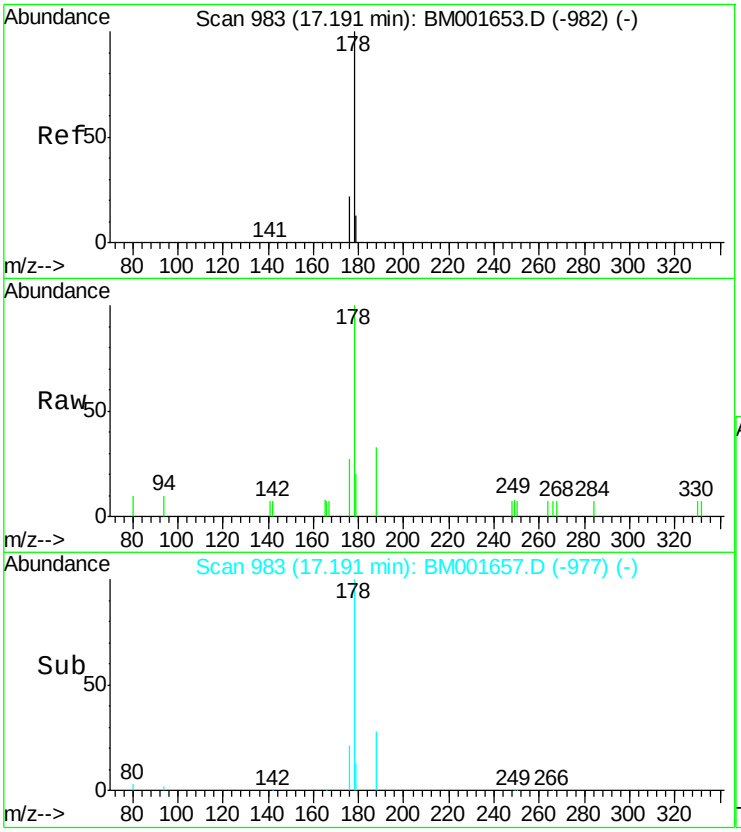


#22
Phenanthrene
Concen: 0.11 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:178 Resp: 1586

Ion	Ratio	Lower	Upper
178	100		
176	17.3	0.0	0.0#
179	18.9	14.2	21.2





#23
Anthracene
Concen: 0.17 ng m
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:178 Resp: 1671

Ion	Ratio	Lower	Upper
178	100		
176	16.0	0.0	0.0#
179	27.8	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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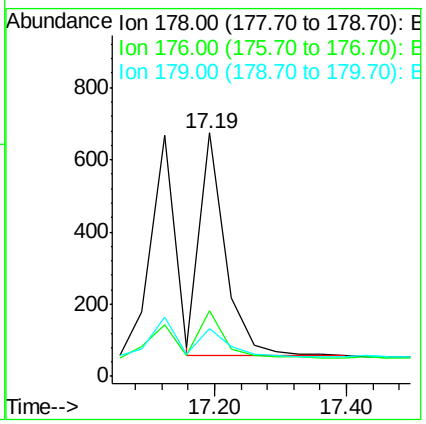
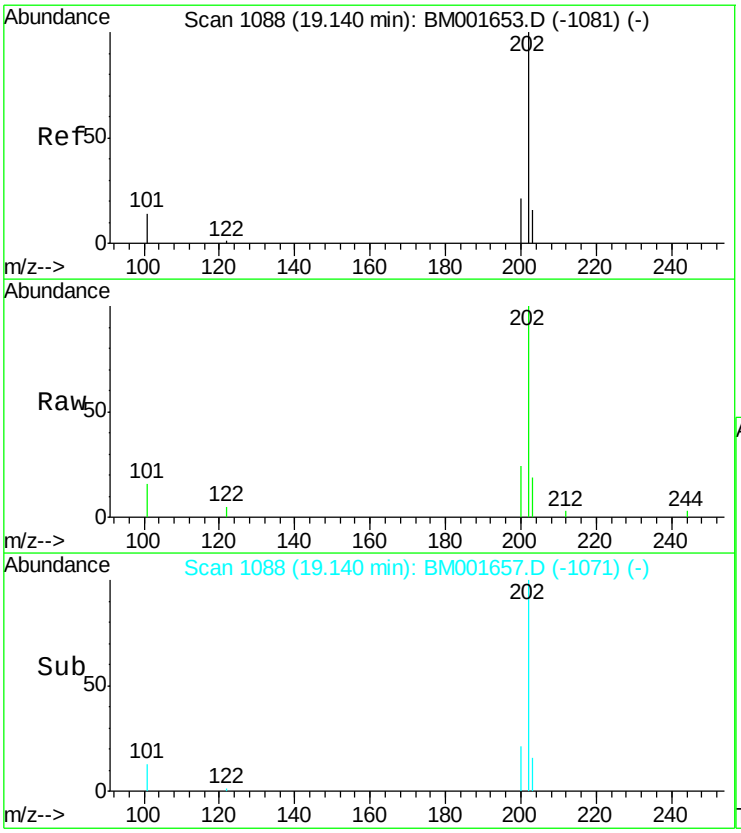
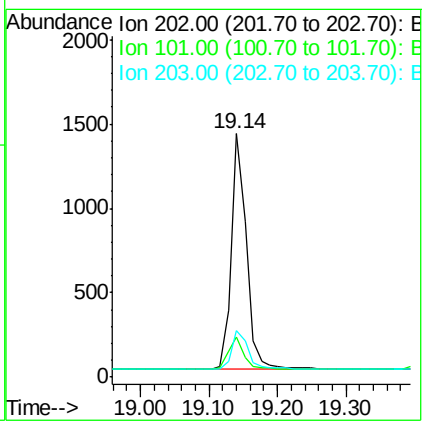


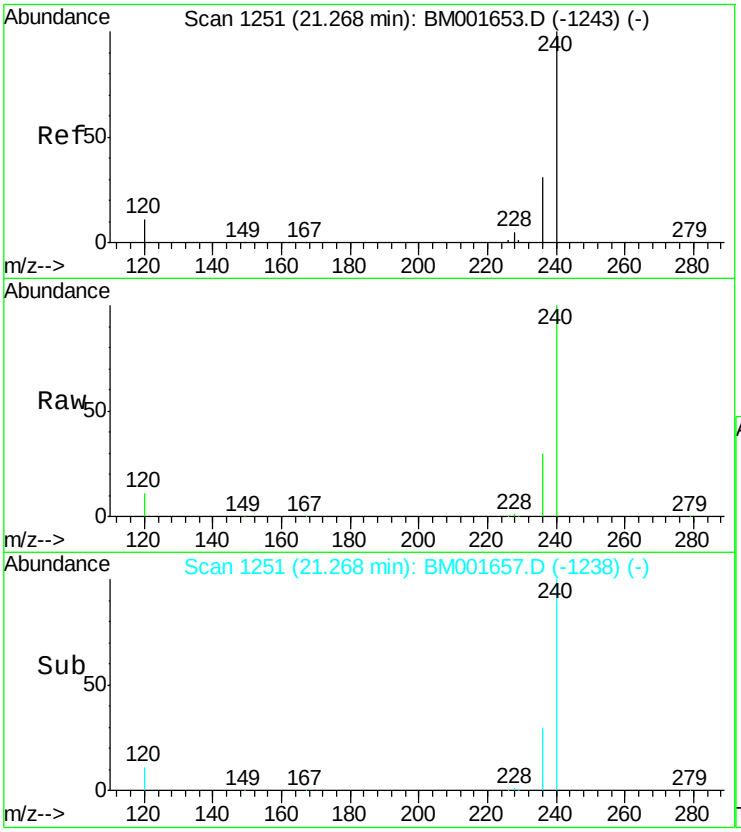


#24
Fluoranthene
Concen: 0.13 ng
RT: 19.14 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:202 Resp: 2118

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.8	16.2
203	17.3	13.8	20.8

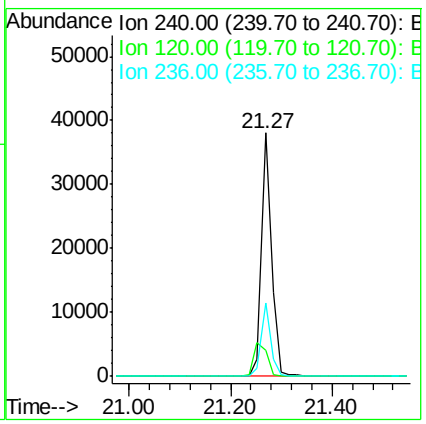




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:240 Resp: 51159

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	29.9	24.6	36.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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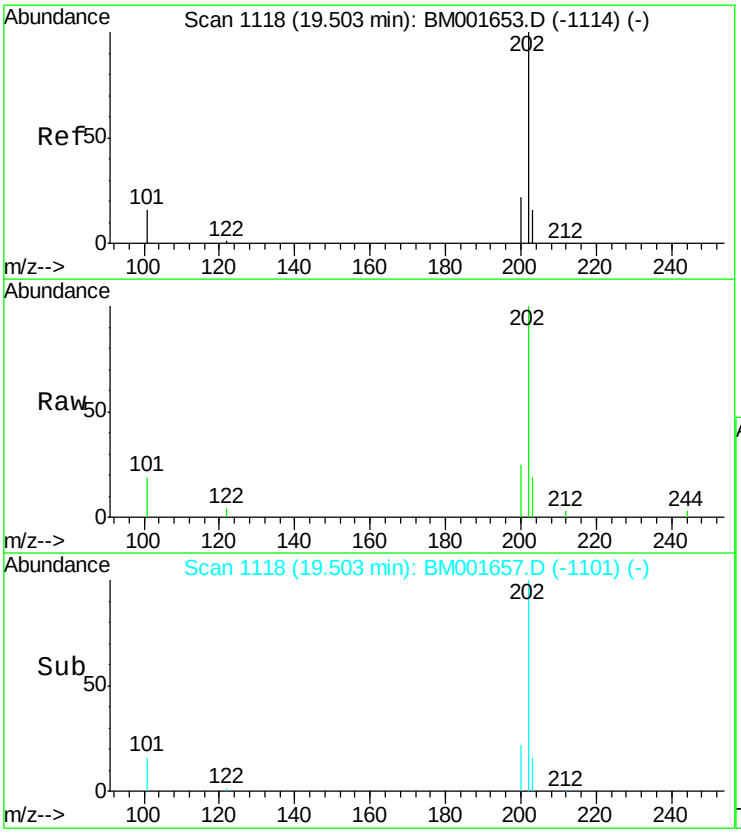
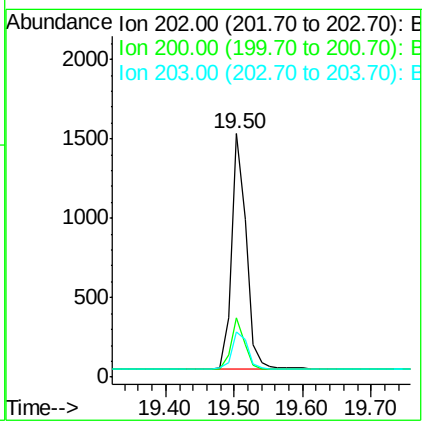
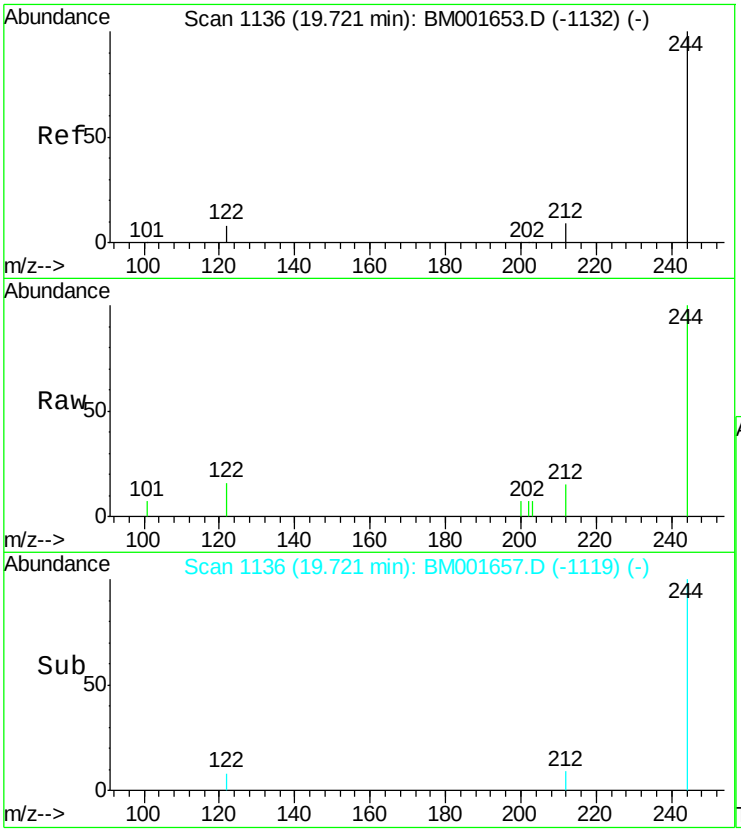


#26
Pyrene
Concen: 0.13 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:202 Resp: 2204

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.2	13.8	20.8

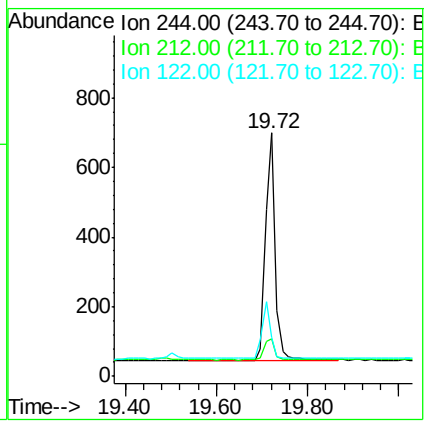




#27
Terphenyl-d14
Concen: 0.14 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:244 Resp: 975

Ion	Ratio	Lower	Upper
244	100		
212	15.3	7.7	11.5#
122	15.9	6.9	10.3#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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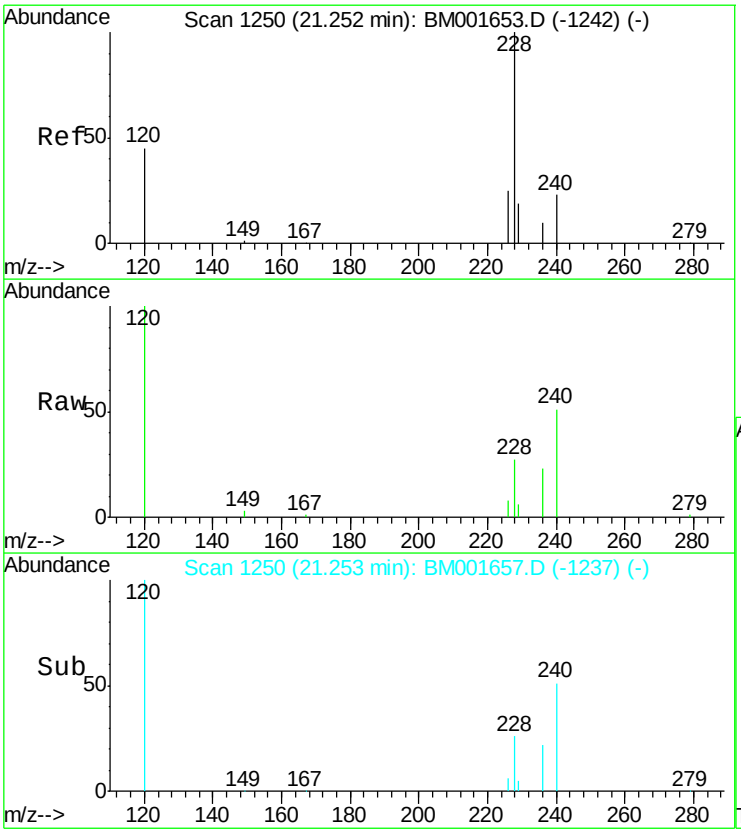
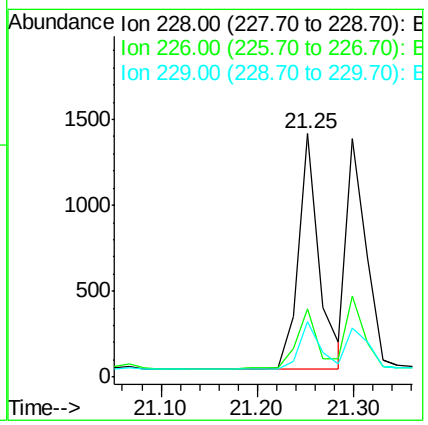
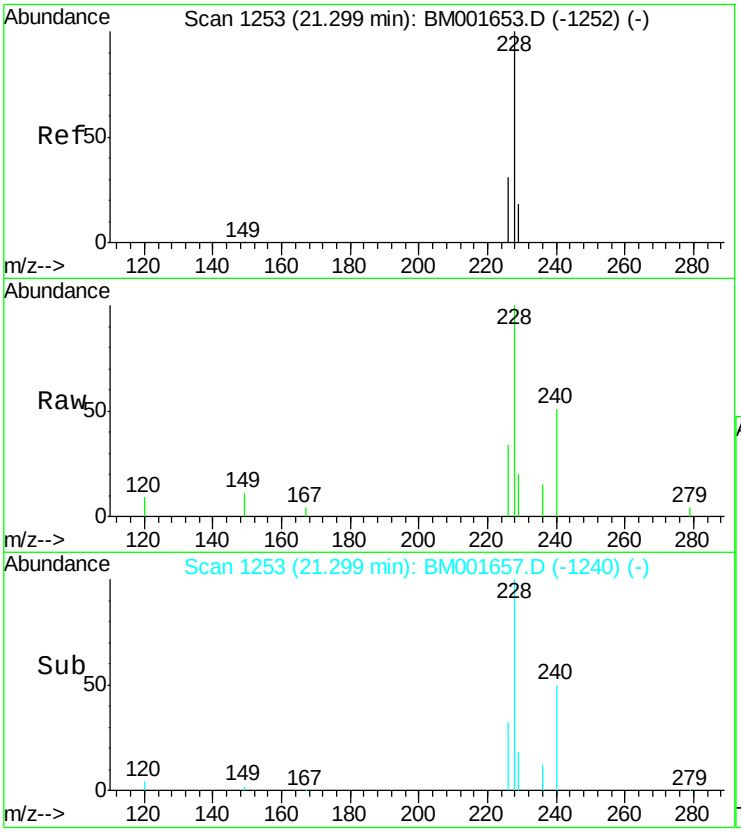


#28
Benzo(a)anthracene
Concen: 0.14 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:228 Resp: 2043

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.2	30.4
229	22.5	15.7	23.5

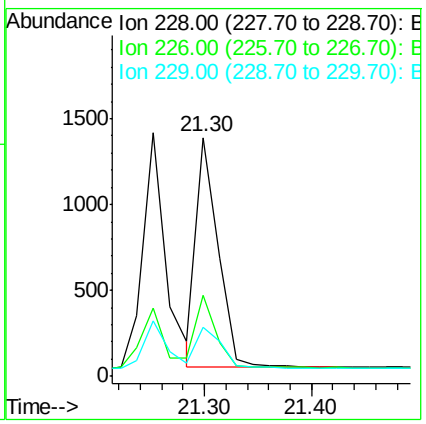




#29
Chrysene
Concen: 0.13 ng
RT: 21.30 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:228 Resp: 1911

Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.8	38.8
229	20.4	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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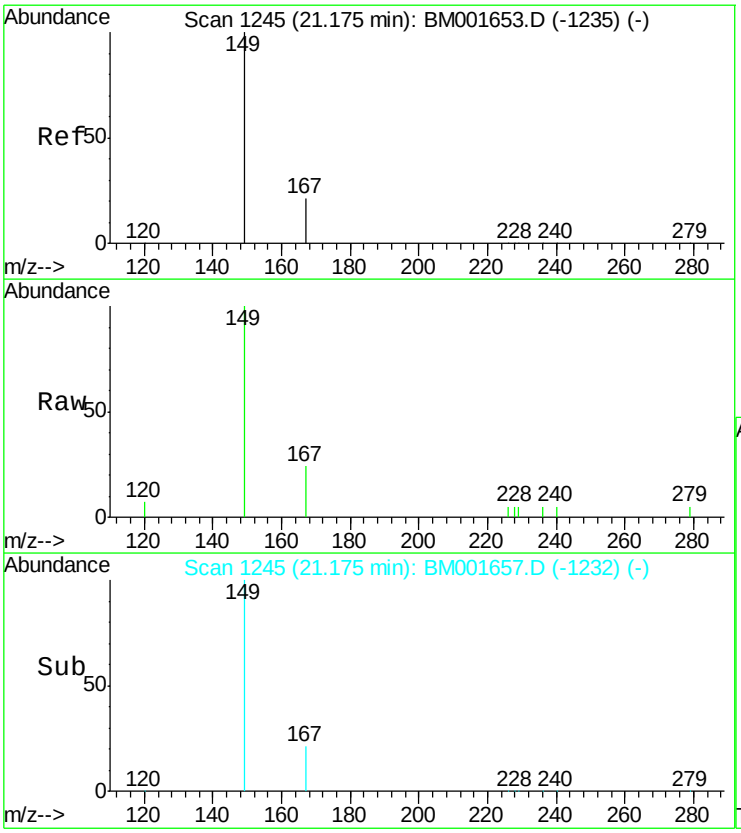
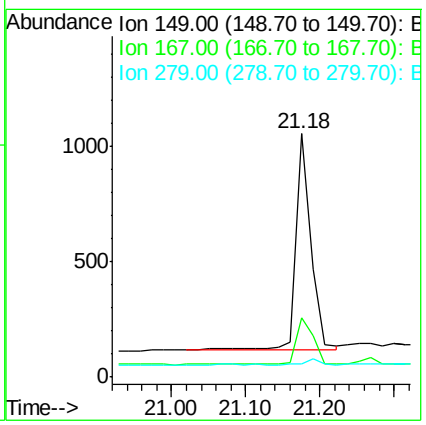
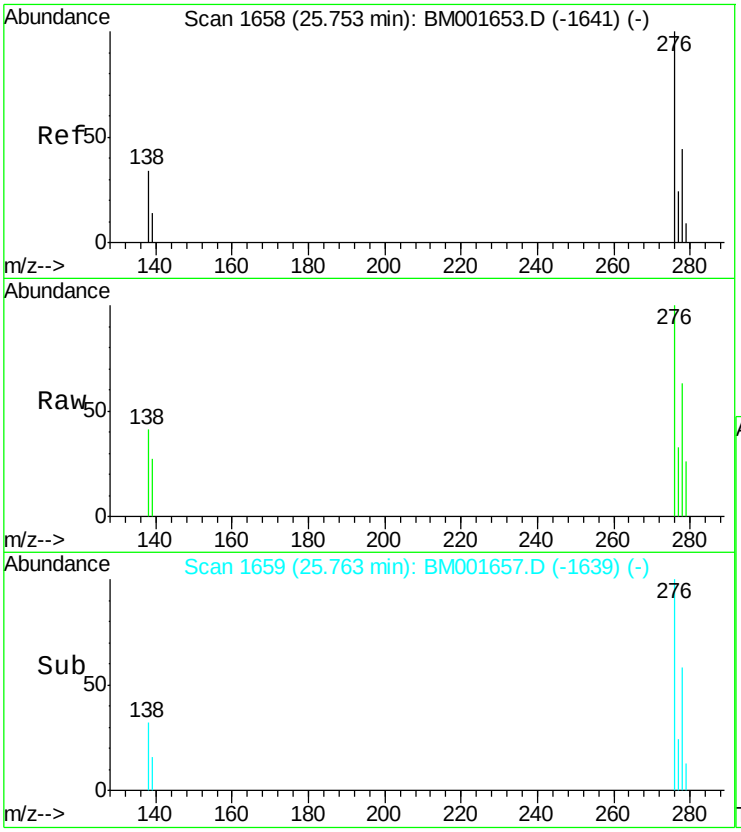


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:149 Resp: 1297

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: 0.10 ng
RT: 25.76 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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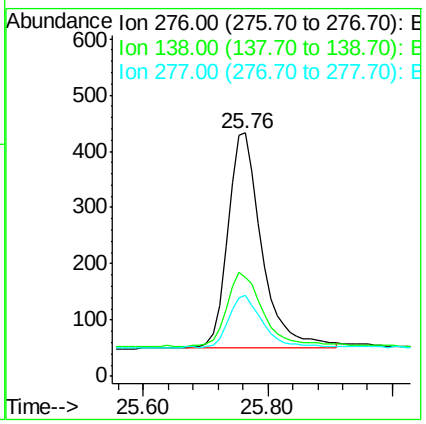
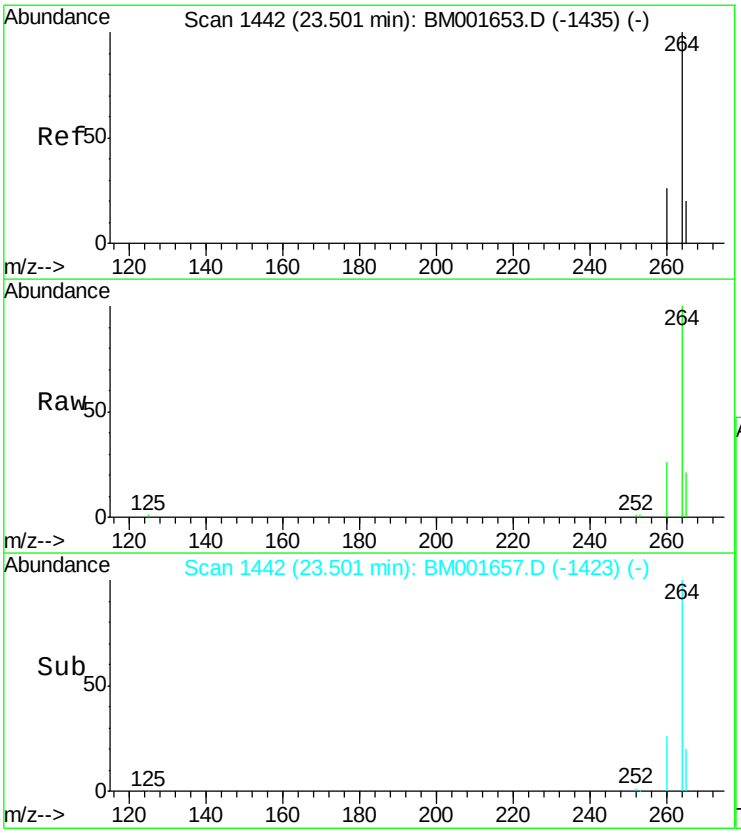
Tgt Ion:276 Resp: 1456

Ion	Ratio	Lower	Upper
276	100		
138	35.7	28.8	43.2
277	25.5	19.6	29.4

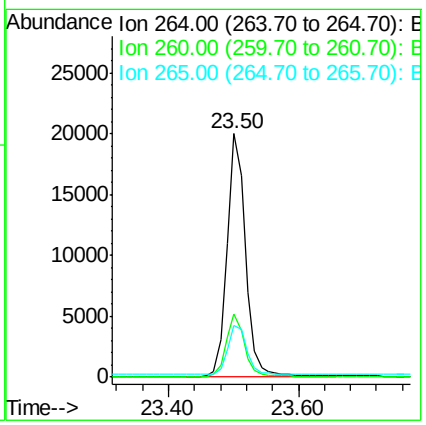


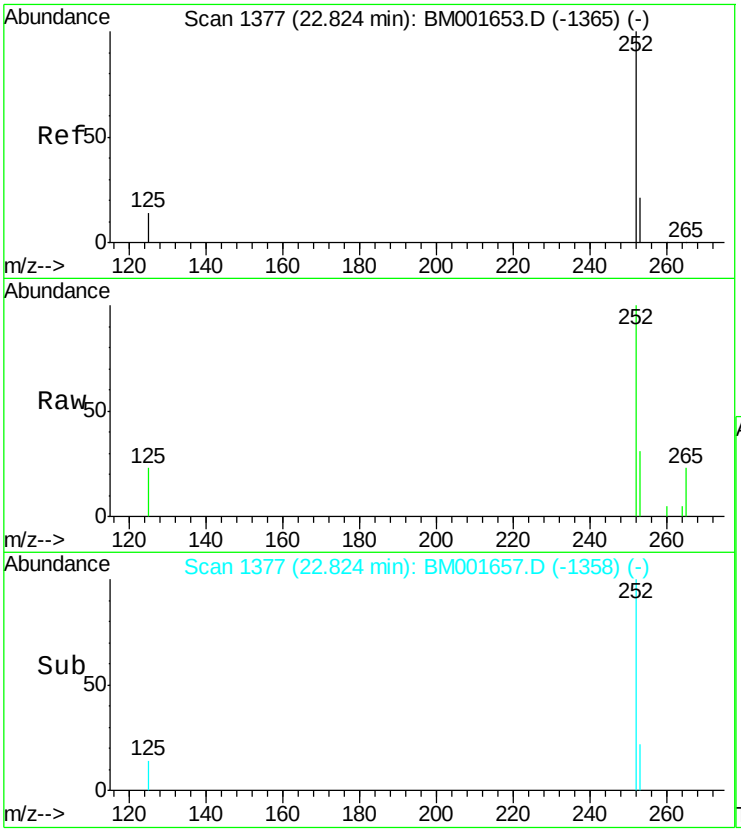


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.50 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:264 Resp: 38920

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	21.2	16.9	25.3





#33
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 22.82 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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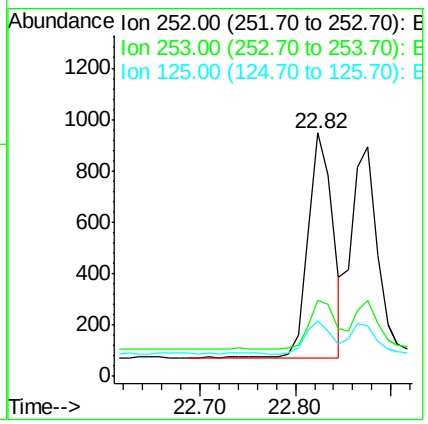
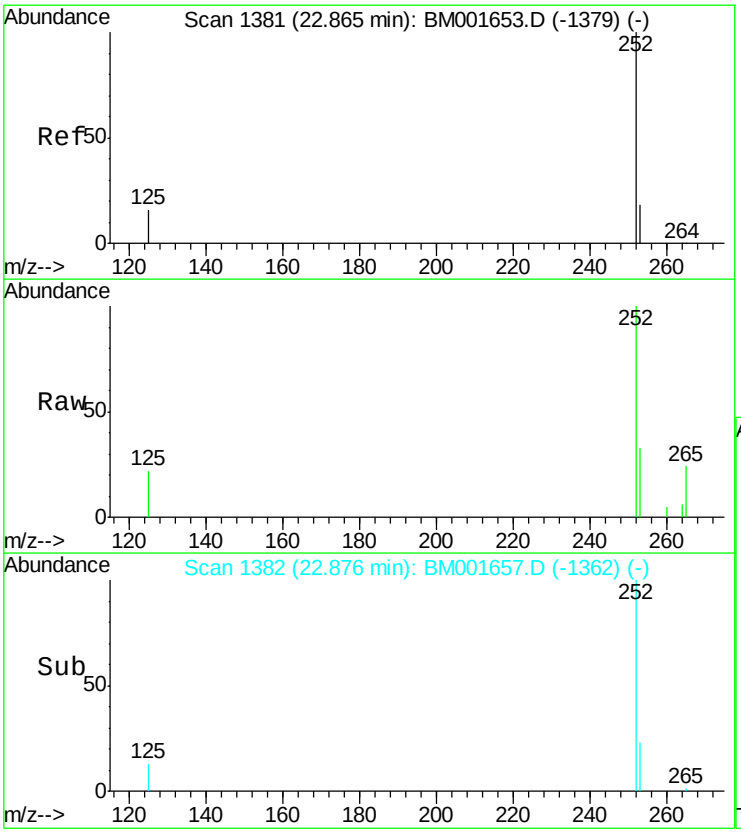
Tgt Ion:252 Resp: 1547

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.4	26.2#
125	22.7	12.0	18.0#

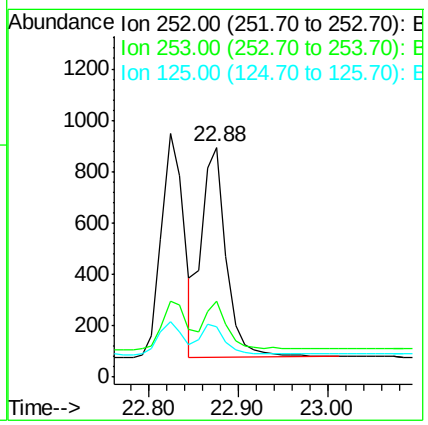


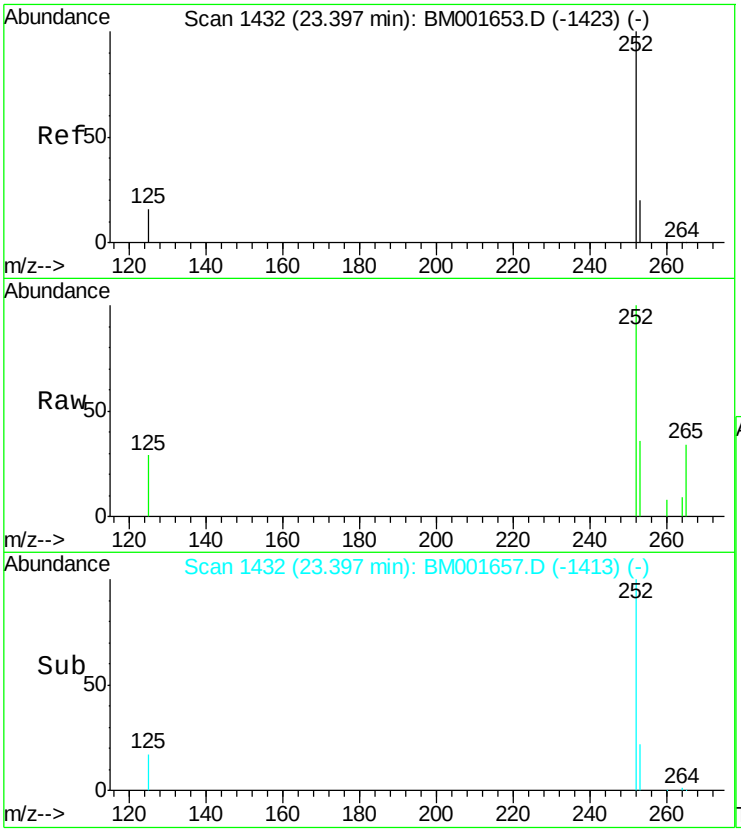


#34
Benzo(k)fluoranthene
Concen: 0.14 ng
RT: 22.88 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:252 Resp: 1592

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.0	25.6#
125	21.8	12.5	18.7#





#35
Benzo(a)pyrene
Concen: 0.12 ng
RT: 23.40 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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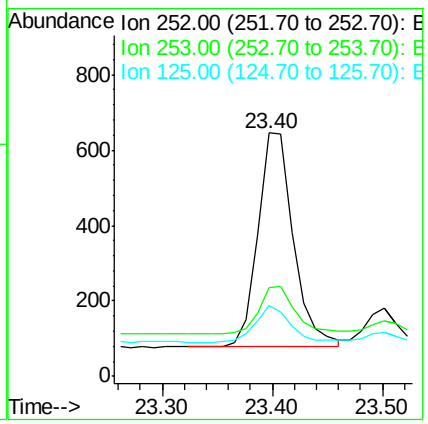
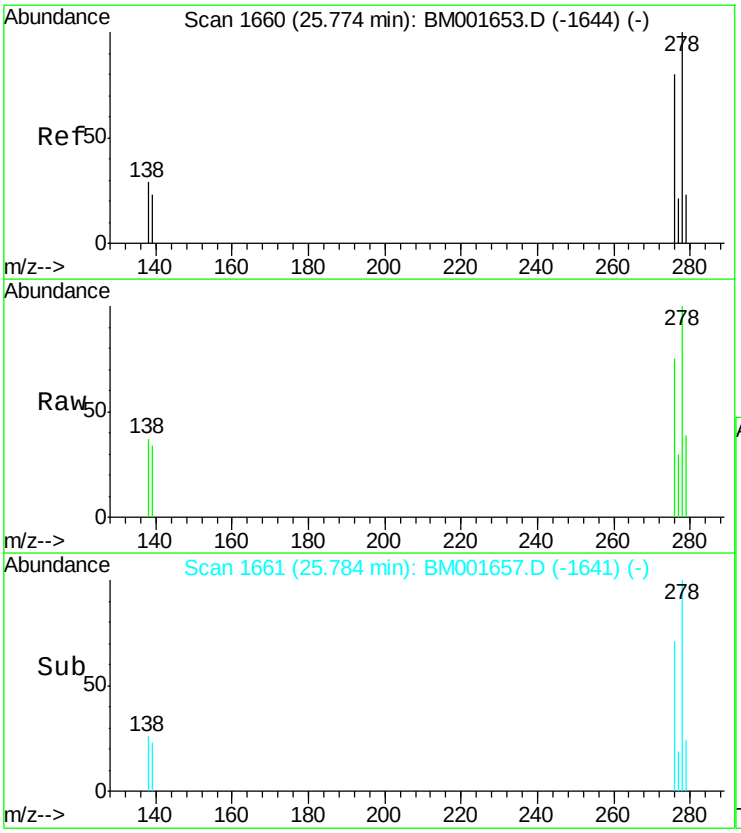
Tgt Ion:252 Resp: 1272

Ion	Ratio	Lower	Upper
252	100		
253	36.4	17.4	26.0#
125	28.9	14.0	21.0#

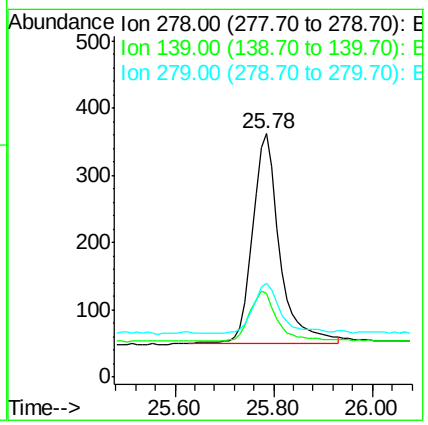


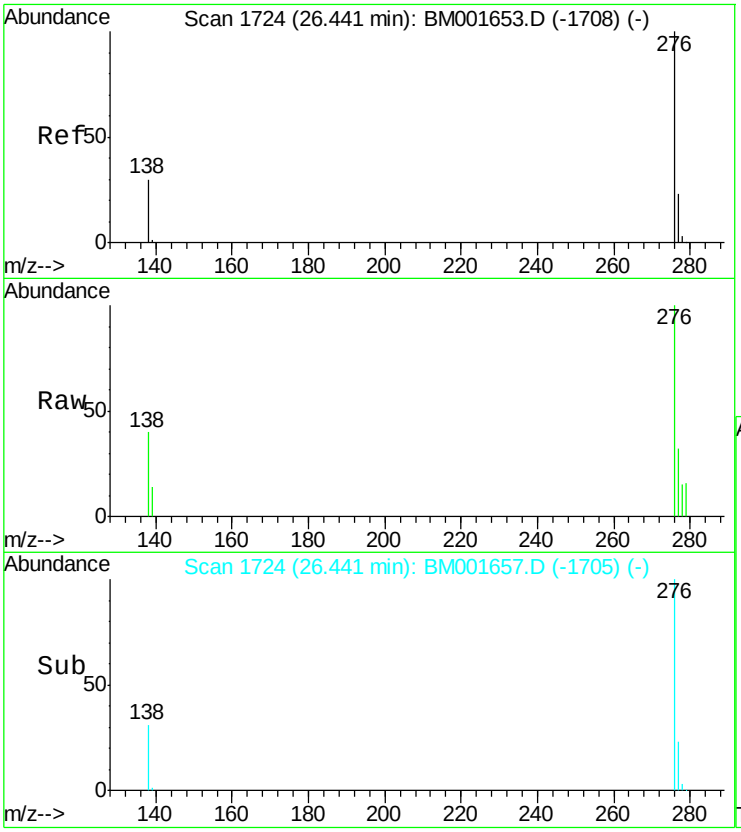


#36
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.01 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:278 Resp: 1167

Ion	Ratio	Lower	Upper
278	100		
139	34.3	19.1	28.7#
279	38.7	19.7	29.5#

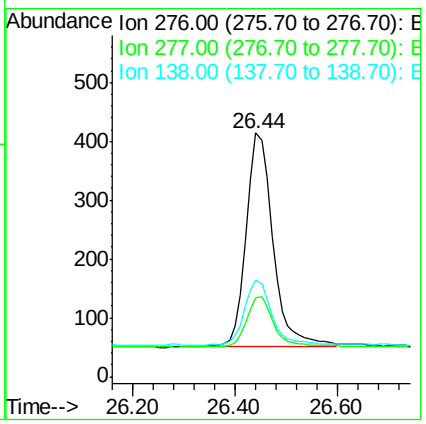




#37
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 26.44 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM001657.D
Acq: 12 Jun 2015 00:37

Tgt Ion:276 Resp: 1328

Ion	Ratio	Lower	Upper
276	100		
277	32.4	19.3	28.9#
138	39.9	25.0	37.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
apatel
6/15/2015 12:41:38 PM