Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001675.D
Acq On : 12 Jun 2015 13:17
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 18:09:23 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 16:27:37 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22019	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	83320	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	42899	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	51155	5.00	ng		0.00
25) Chrysene-d12	21.27	240	65323	5.00	ng		0.00
32) Perylene-d12	23.51	264	51221	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	5351	1.03	ng		0.00
5) Phenol-d6	6.84	99	6845	1.04	ng		0.00
7) Nitrobenzene-d5	8.85	82	6751	1.06	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	1942	1.24	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	14236	0.95	ng		0.00
27) Terphenyl-d14	19.72	244	10572	1.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	2351	0.97	ng		99
3) n-Nitrosodimethylamine	3.51	42	3812	0.99	ng		96
8) Nitrobenzene	8.89	77	7200	1.04	ng		98
9) Naphthalene	10.52	128	19190	0.95	ng		100
10) Hexachlorobutadiene	10.80	225	3163	0.94	ng		99
11) 2-Methylnaphthalene	12.14	142	12700	0.98	ng	#	86
15) Acenaphthylene	14.05	152	20401	1.02	ng		100
16) Acenaphthene	14.40	154	12234	0.96	ng		98
17) Fluorene	15.36	166	13581	1.04	ng		99
19) 4-Bromophenyl-phenylether	16.27	248	4855	0.95	ng	#	91
20) Hexachlorobenzene	16.38	284	4983	1.07	ng		93
21) Pentachlorophenol	16.72	266	1537	1.10	ng		99
22) Phenanthrene	17.12	178	14412m	0.86	ng		
23) Anthracene	17.19	178	22518m	1.14	ng		
24) Fluoranthene	19.14	202	23582	0.95	ng		100
26) Pyrene	19.50	202	24088	1.07	ng		100
28) Benzo(a)anthracene	21.25	228	20159	0.98	ng		95
29) Chrysene	21.31	228	18941m	0.96	ng		
30) Bis(2-ethylhexyl)phthalate	21.19	149	17427	1.36	ng		99
31) Indeno(1,2,3-cd)pyrene	25.76	276	15444	1.00	ng		100
33) Benzo(b)fluoranthene	22.83	252	16362	0.98	ng		98
34) Benzo(k)fluoranthene	22.88	252	15196	0.94	ng		98
35) Benzo(a)pyrene	23.41	252	14118	1.01	ng		97
36) Dibenzo(a,h)anthracene	25.77	278	12288	1.05	ng		98
37) Benzo(g,h,i)perylene	26.45	276	12733	1.09	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001675.D
Acq On : 12 Jun 2015 13:17
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 18:09:23 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 16:27:37 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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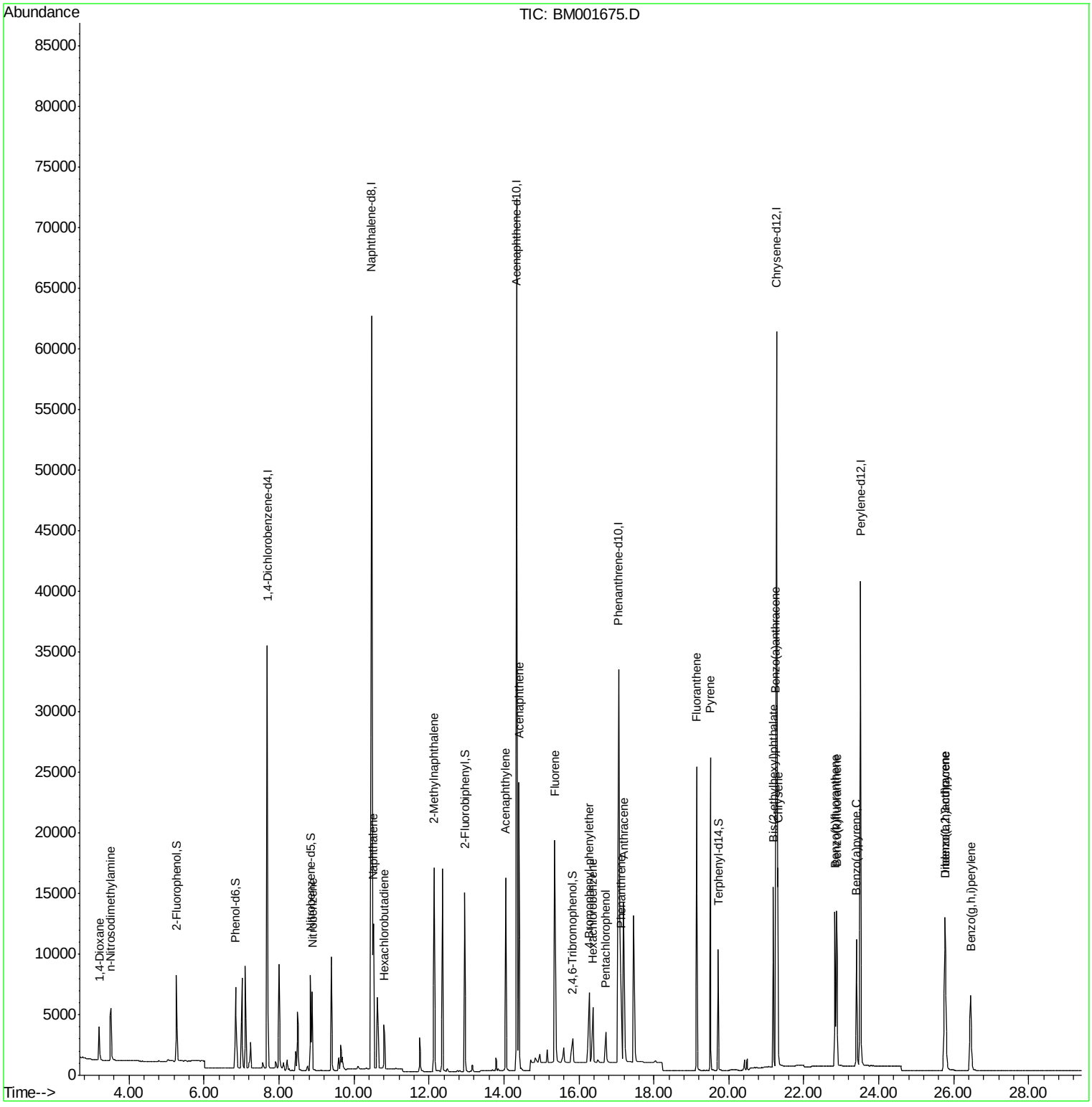
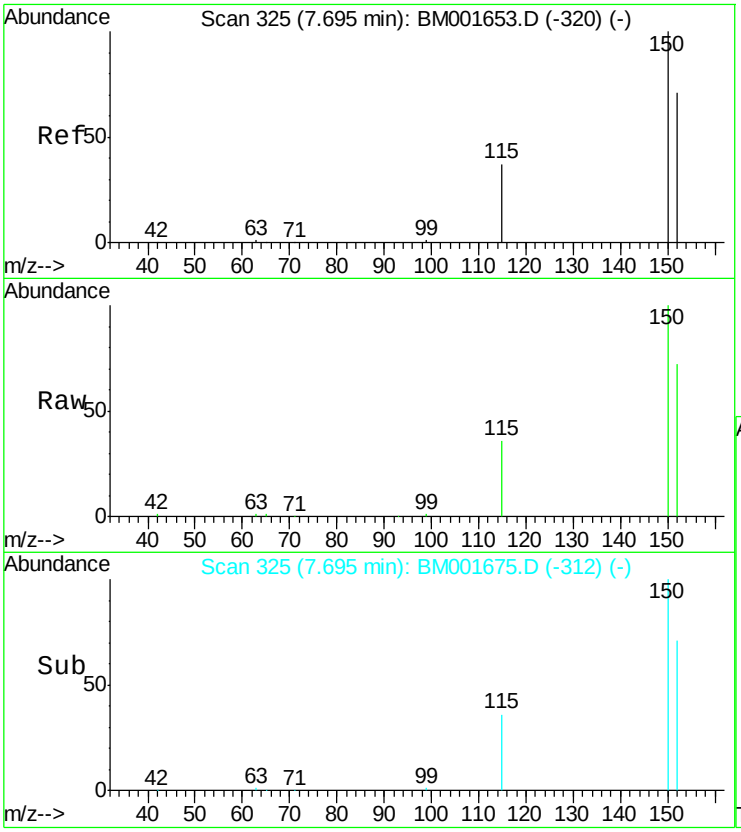
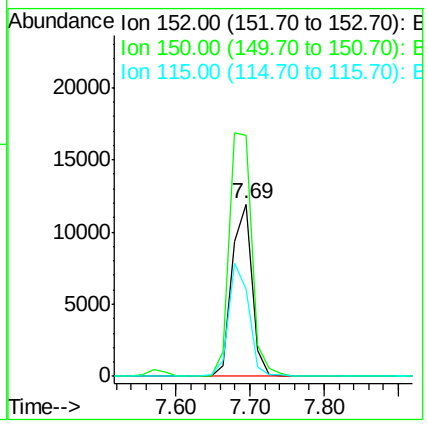




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:152 Resp: 22019

Ion	Ratio	Lower	Upper
152	100		
150	139.7	112.2	168.2
115	50.6	41.7	62.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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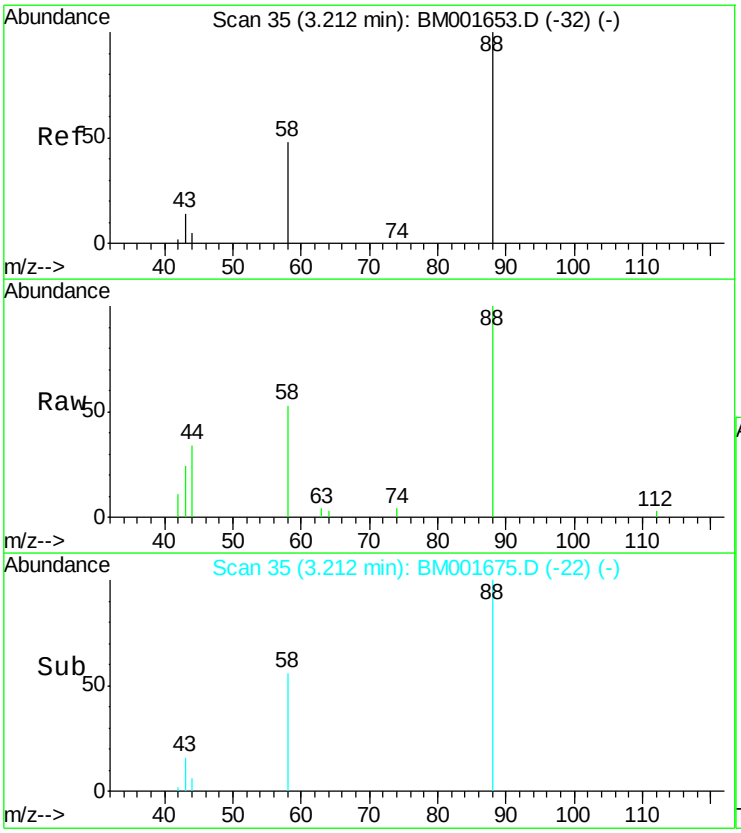
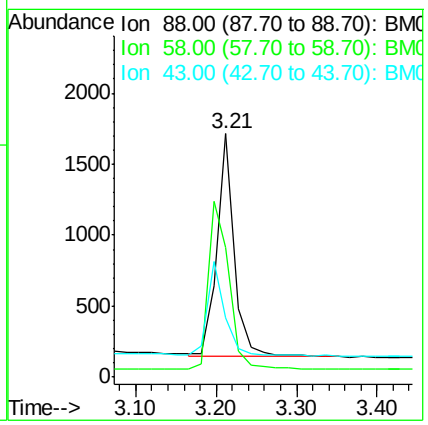
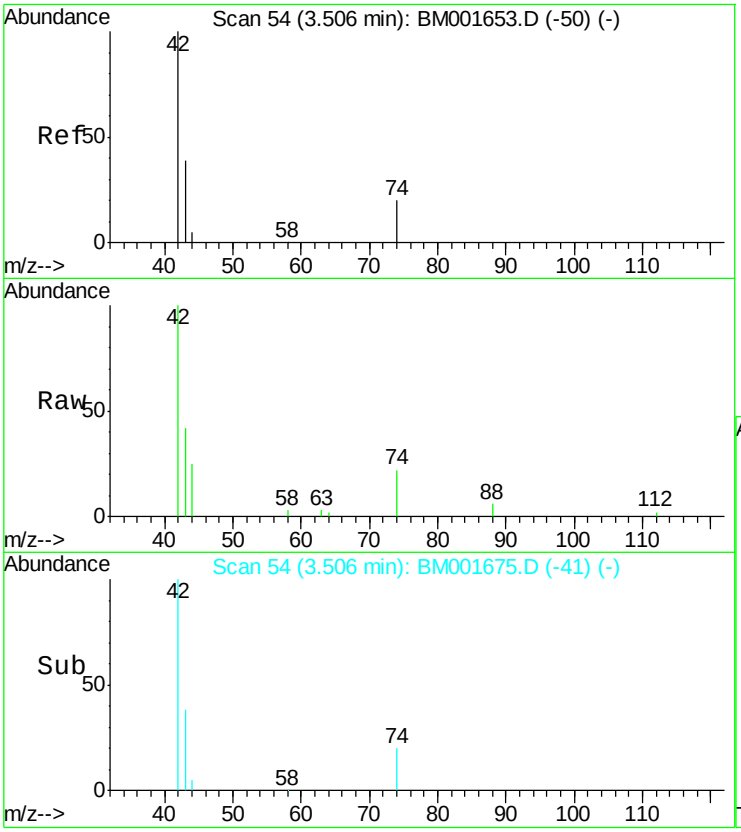


#2
1,4-Dioxane
Concen: 0.97 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion: 88 Resp: 2351

Ion	Ratio	Lower	Upper
88	100		
58	88.6	70.5	105.7
43	42.9	33.3	49.9

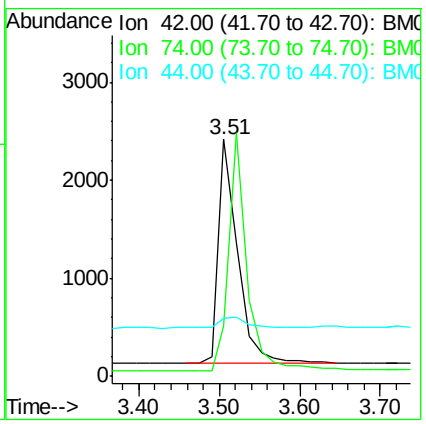




#3
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion: 42 Resp: 3812

Ion	Ratio	Lower	Upper
42	100		
74	98.4	75.7	113.5
44	9.5	6.7	10.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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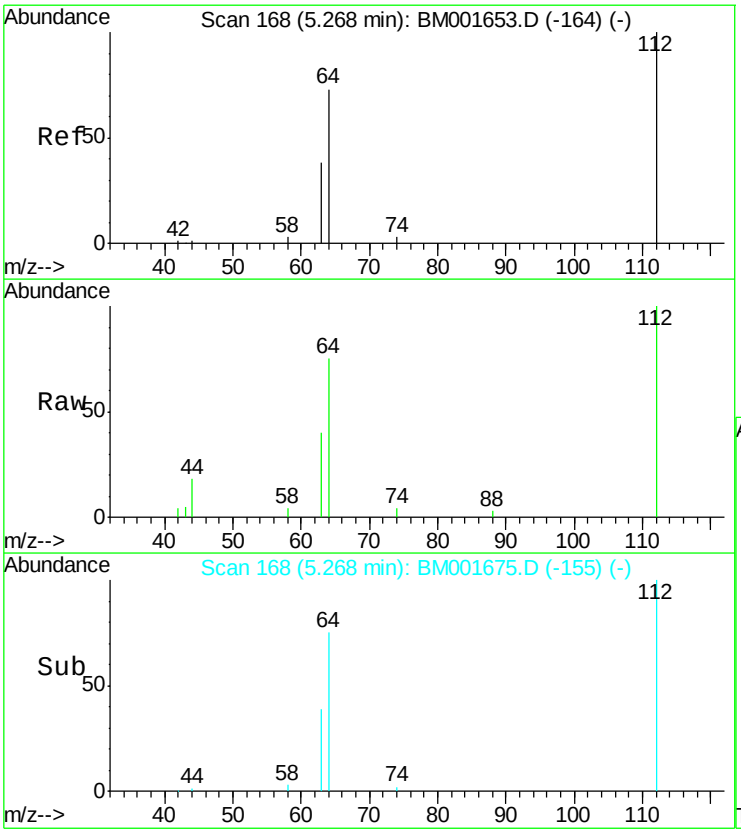
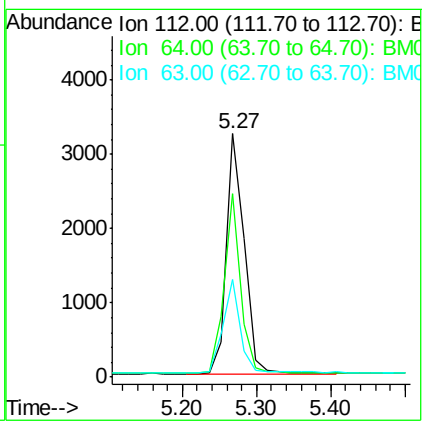
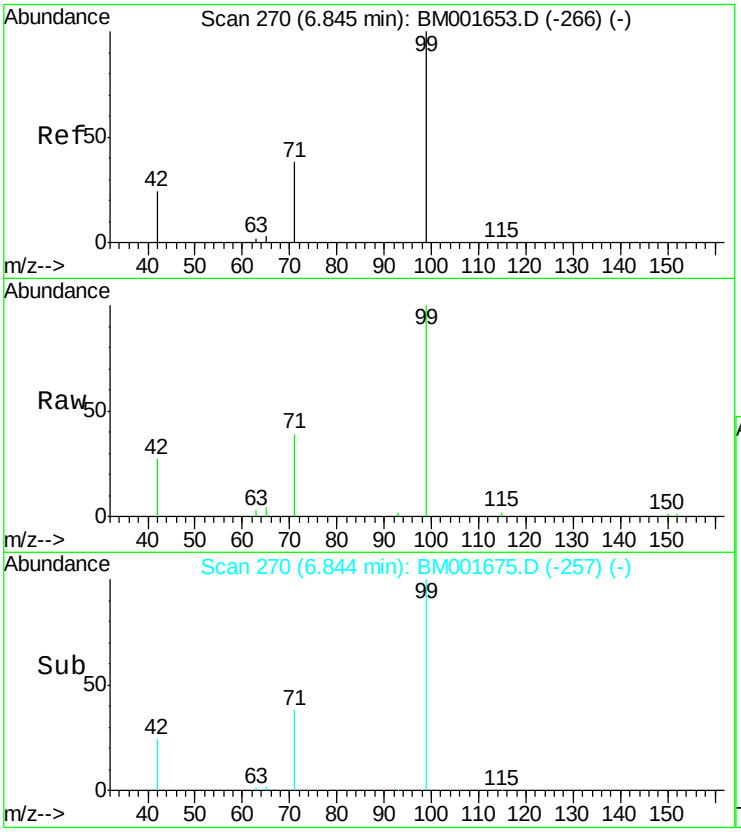


#4
2-Fluorophenol
Concen: 1.03 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:112 Resp: 5351

Ion	Ratio	Lower	Upper
112	100		
64	68.5	55.5	83.3
63	37.1	29.9	44.9

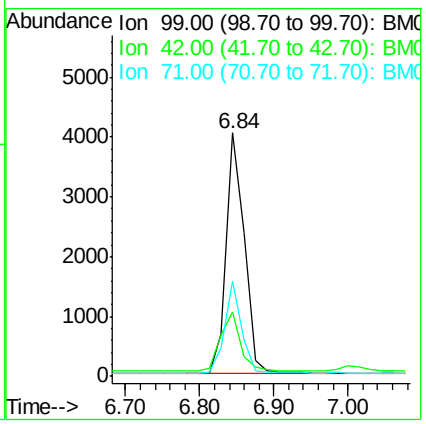




#5
Phenol-d6
Concen: 1.04 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion: 99 Resp: 6845

Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.6	32.4
71	35.5	28.7	43.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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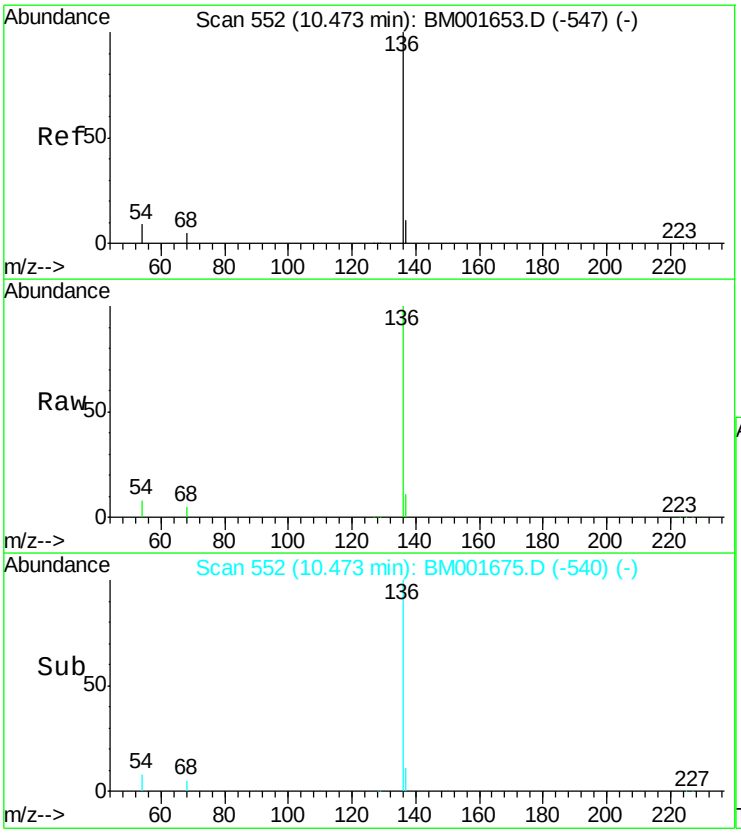
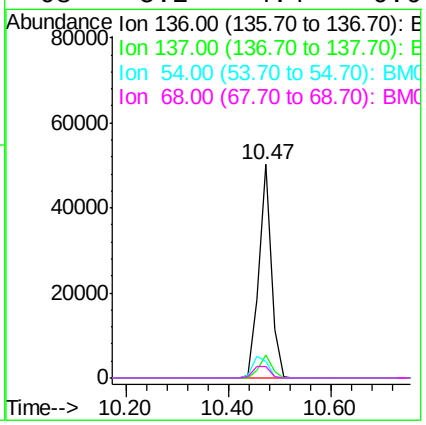
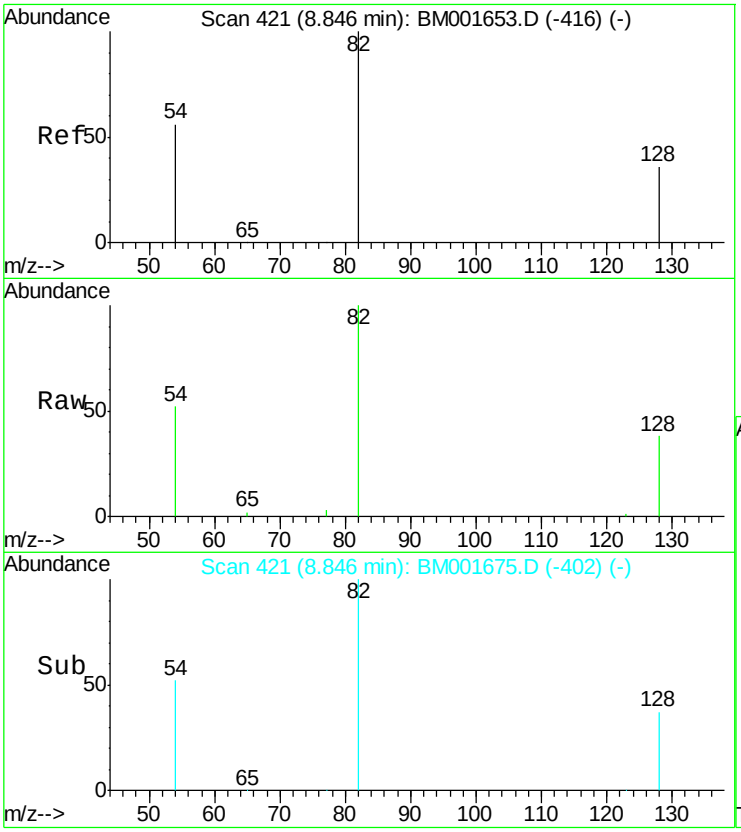


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:136 Resp: 83320

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.9	6.9	10.3
68	5.2	4.4	6.6

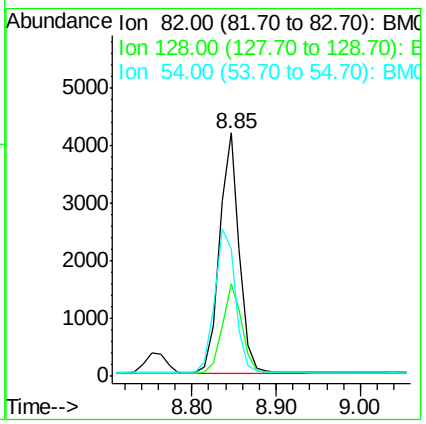




#7
Nitrobenzene-d5
Concen: 1.06 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion: 82 Resp: 6751

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	52.4	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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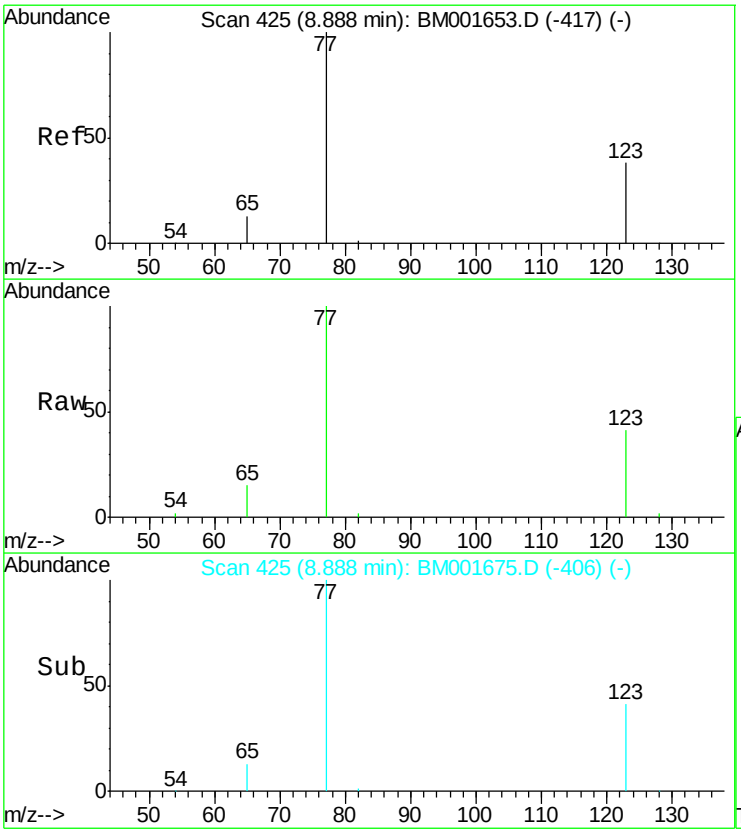
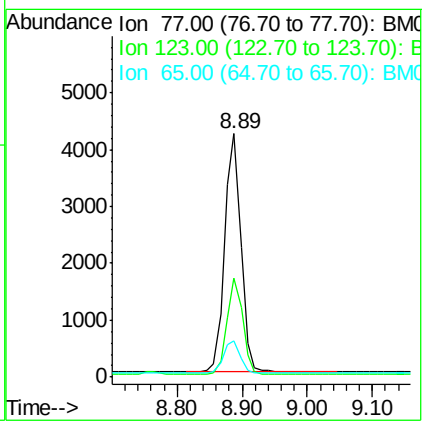
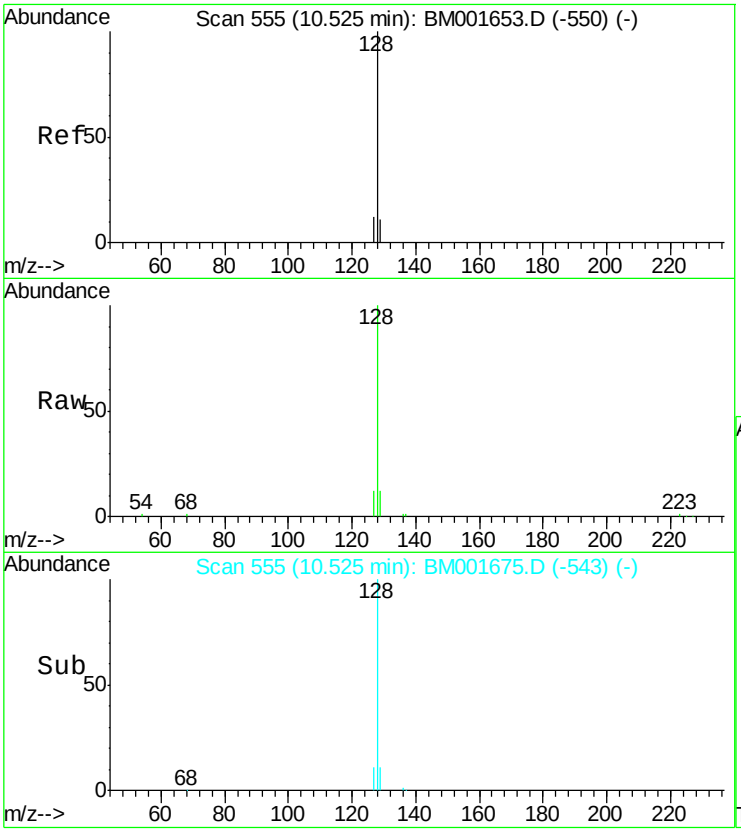


#8
Nitrobenzene
Concen: 1.04 ng
RT: 8.89 min Scan# 425
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion: 77 Resp: 7200

Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.3	45.5
65	14.1	11.2	16.8

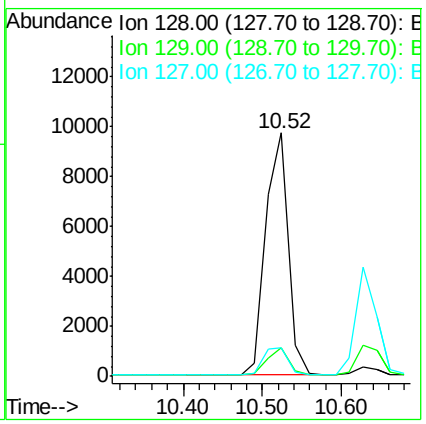




#9
Naphthalene
Concen: 0.95 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:128 Resp: 19190

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	11.9	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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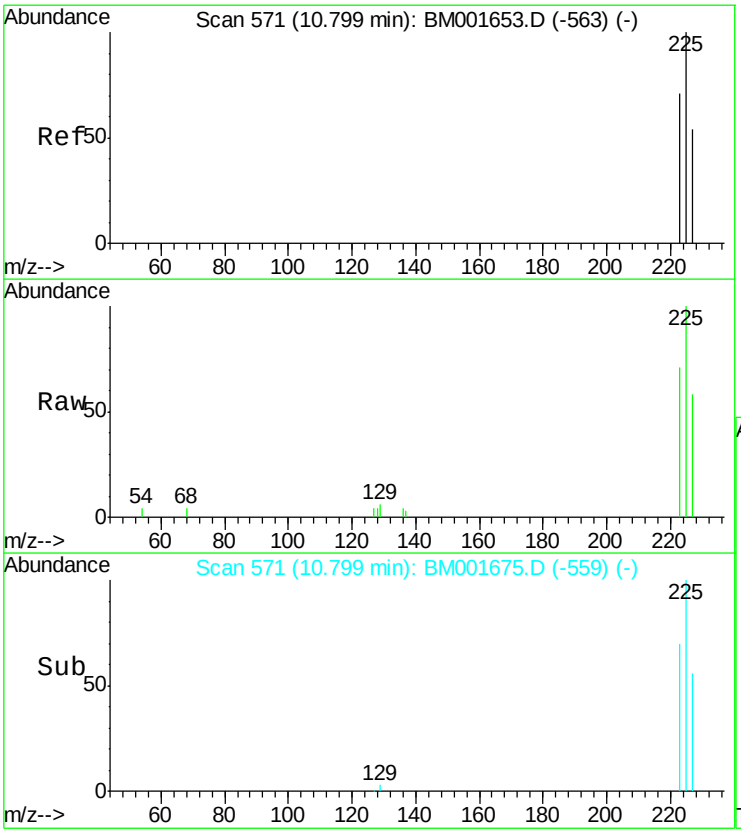
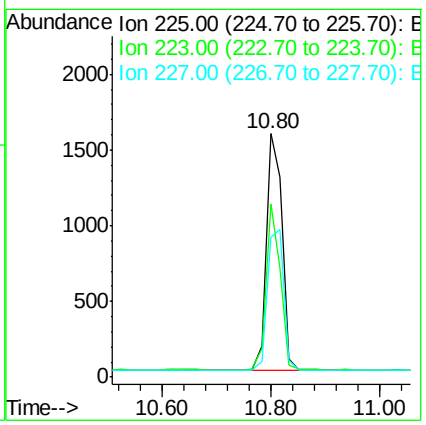
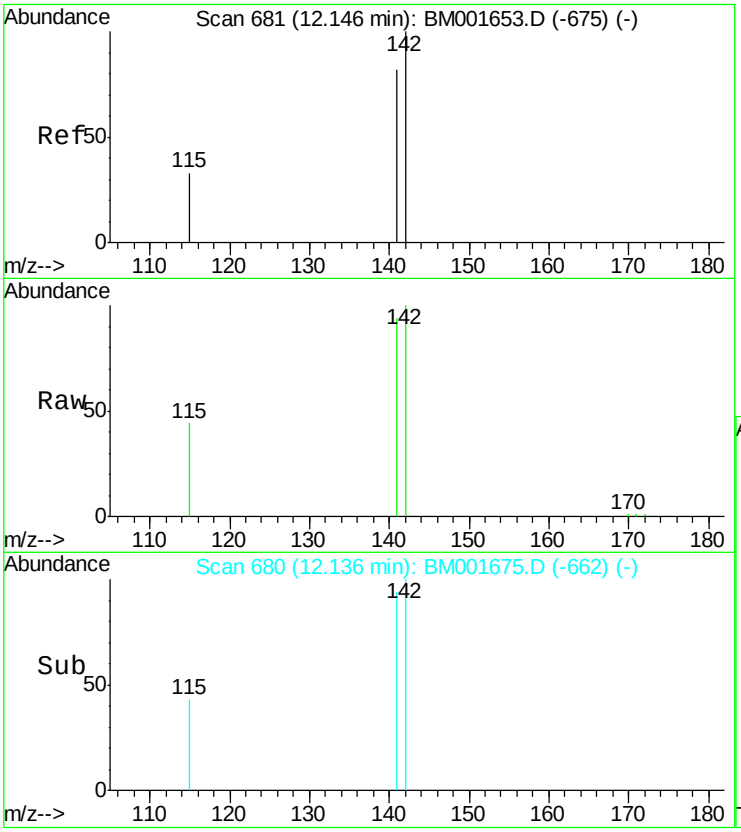


#10
Hexachlorobutadiene
Concen: 0.94 ng
RT: 10.80 min Scan# 571
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:225 Resp: 3163

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.4
227	63.0	51.2	76.8

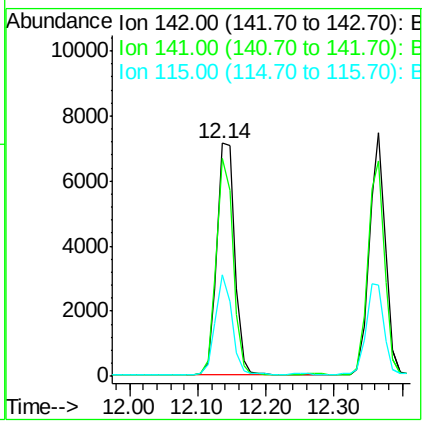




#11
2-Methylnaphthalene
Concen: 0.98 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:142 Resp: 12700

Ion	Ratio	Lower	Upper
142	100		
141	93.6	65.8	98.6
115	43.8	27.0	40.6#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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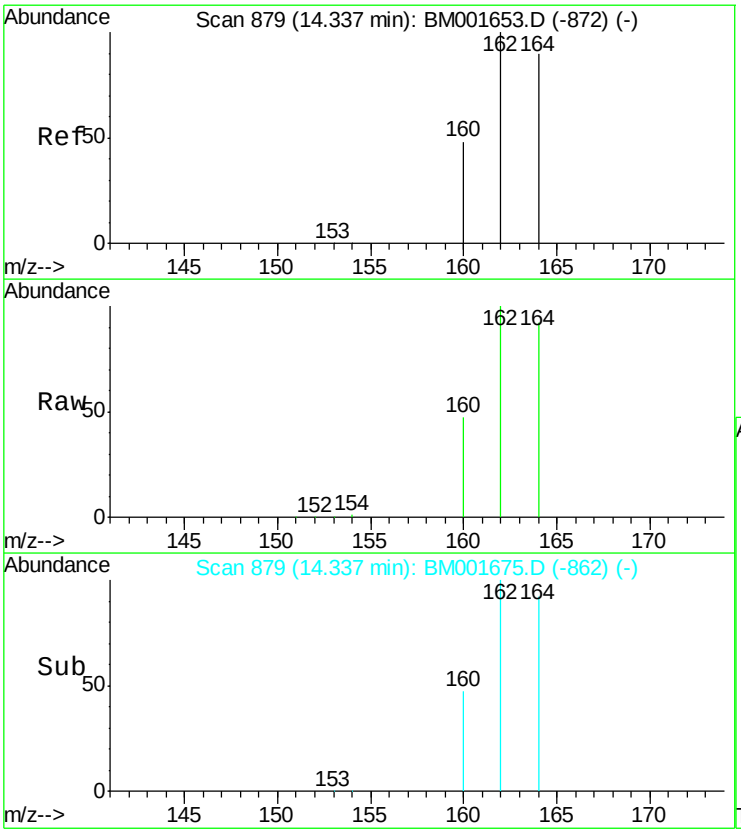
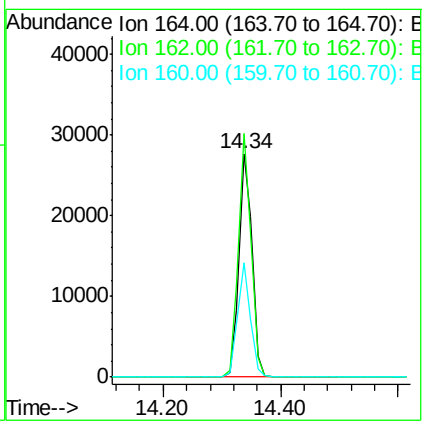
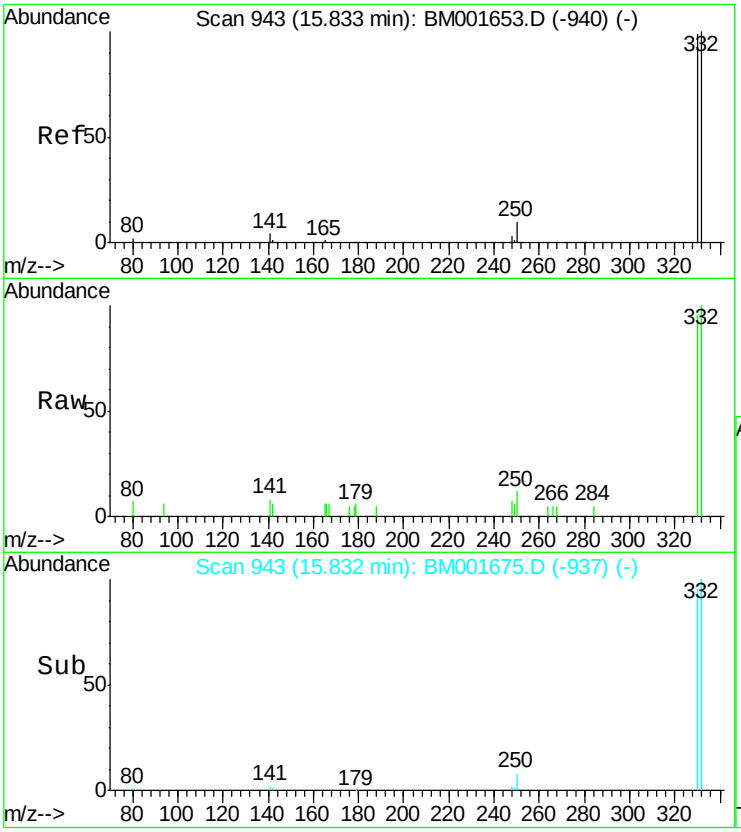


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:164 Resp: 42899

Ion	Ratio	Lower	Upper
164	100		
162	109.0	89.0	133.4
160	51.2	42.6	63.8

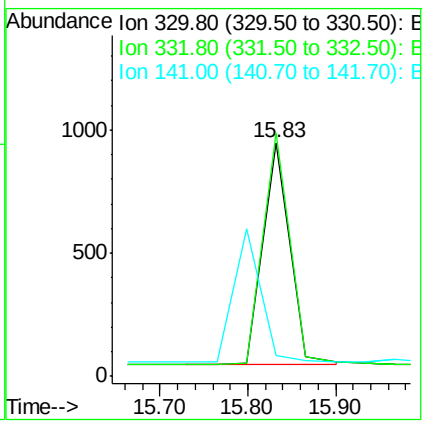




#13
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:330 Resp: 1942

Ion	Ratio	Lower	Upper
330	100		
332	104.0	80.6	120.8
141	0.0	0.0	0.0



Instrument :
BNA_M
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SSTDCCC001EC

Manual Integrations APPROVED
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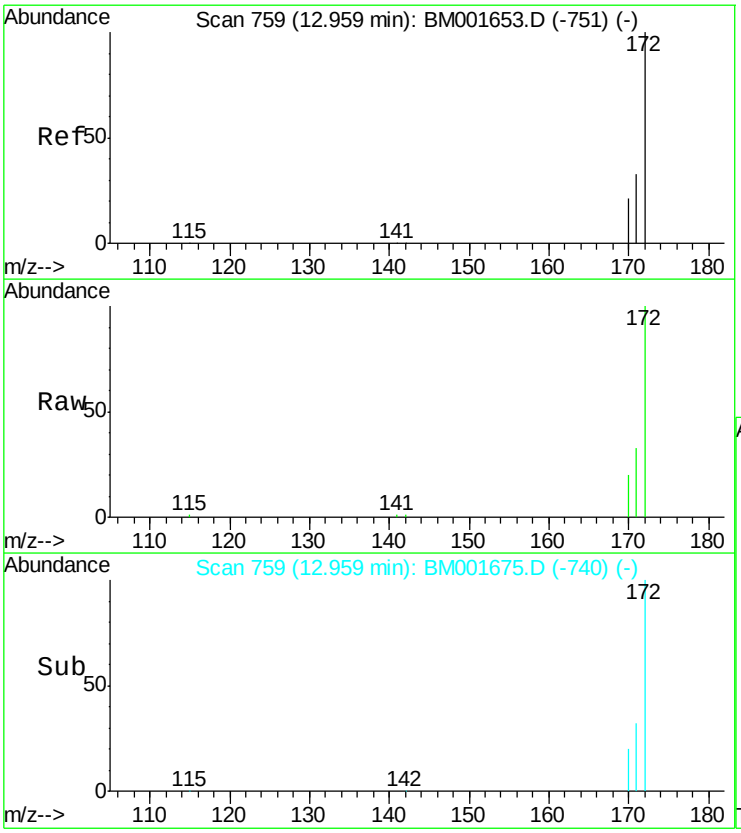
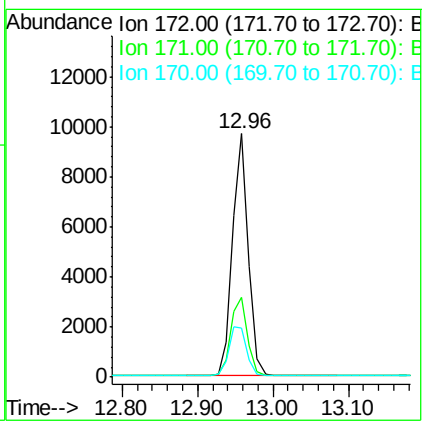
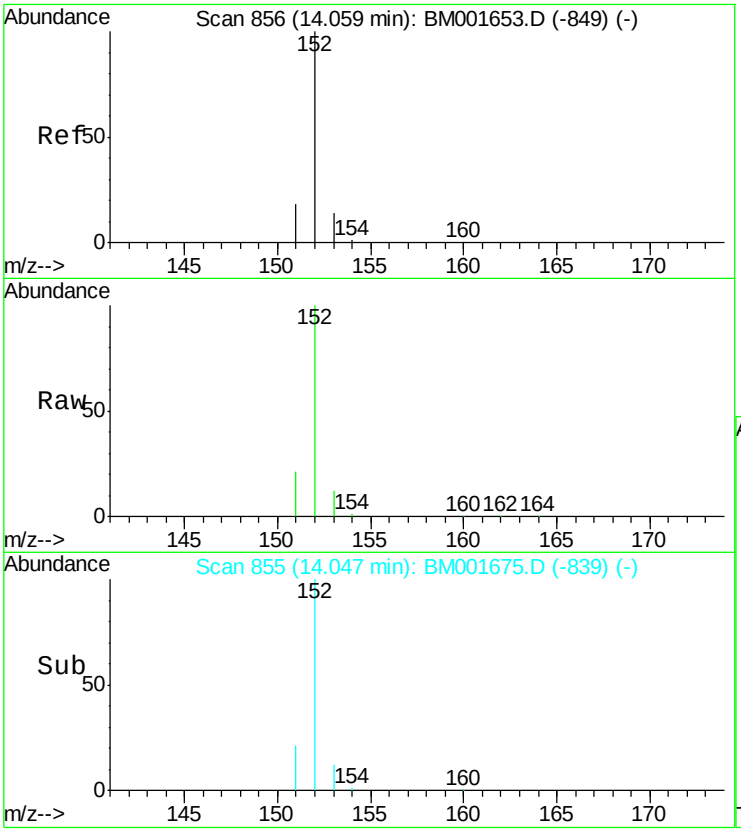


#14
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:172 Resp: 14236

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.6	40.0
170	20.4	17.1	25.7

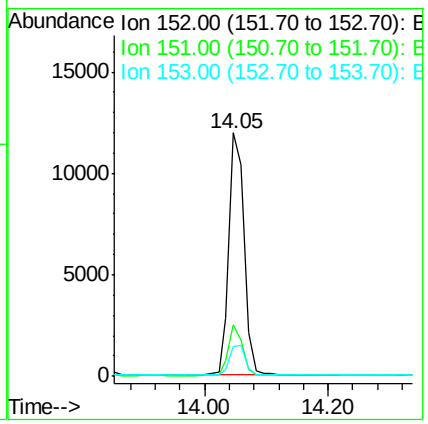




#15
Acenaphthylene
Concen: 1.02 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:152 Resp: 20401

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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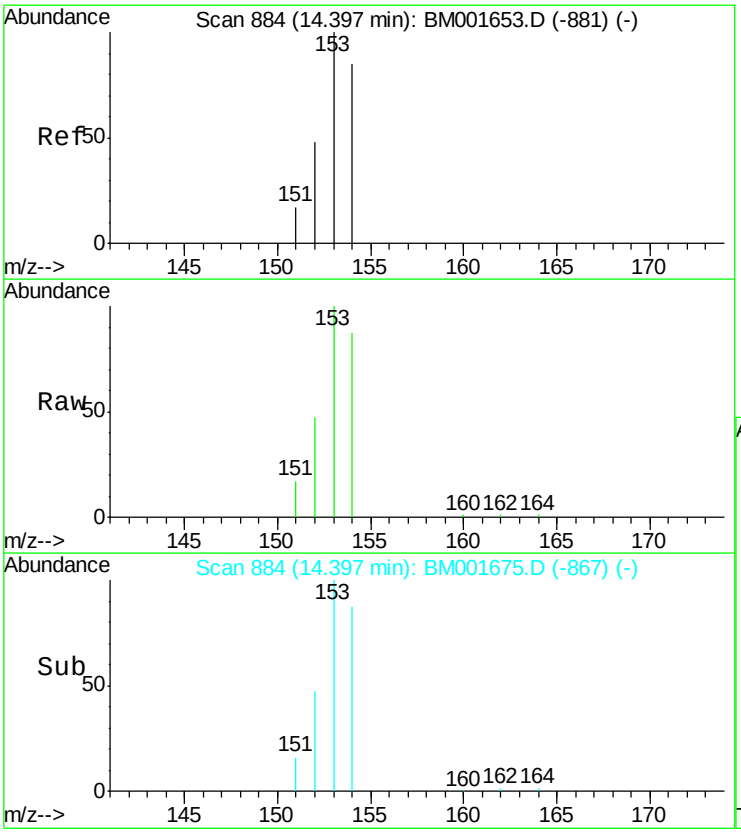
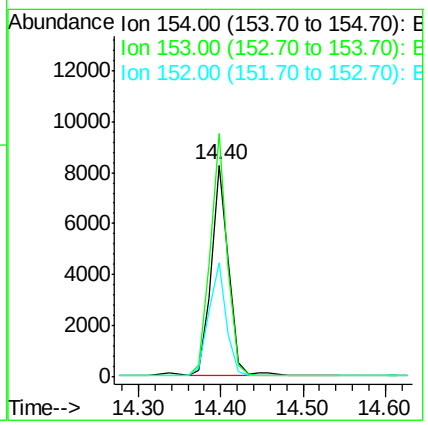
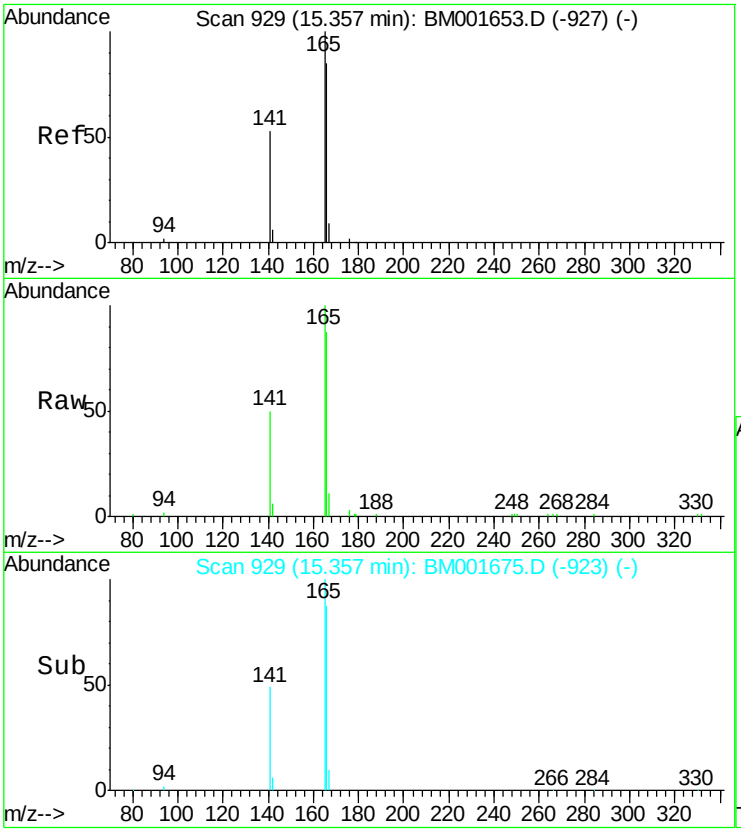


#16
Acenaphthene
Concen: 0.96 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:154 Resp: 12234

Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.0	136.6
152	53.6	43.8	65.8

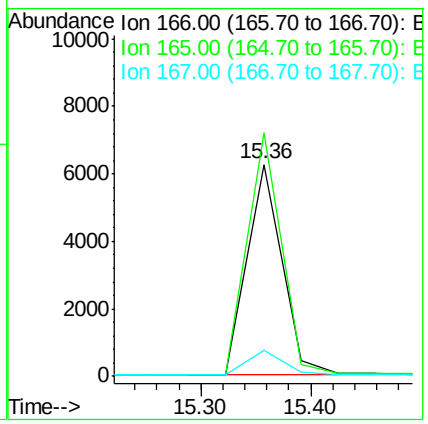




#17
Fluorene
Concen: 1.04 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:166 Resp: 13581

Ion	Ratio	Lower	Upper
166	100		
165	112.3	90.7	136.1
167	11.9	9.4	14.0



Instrument :
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ClientSampleId :
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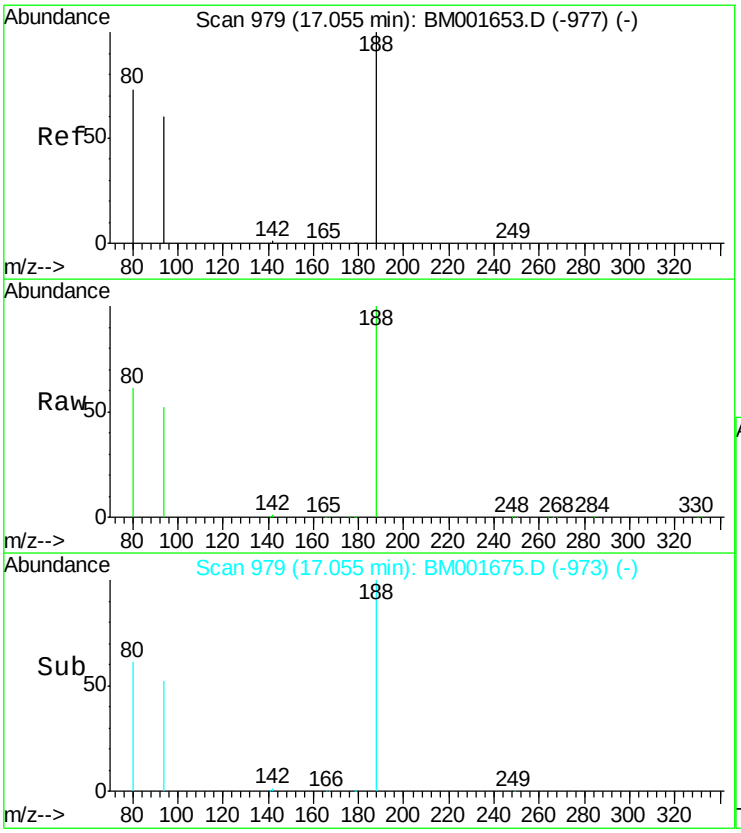
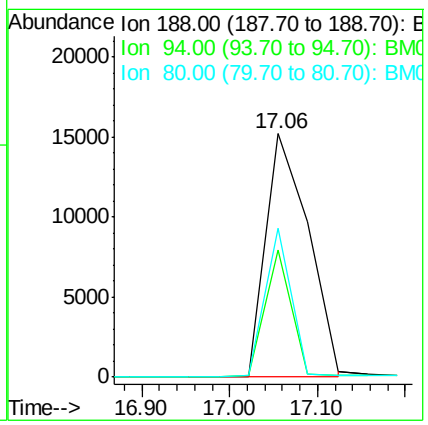
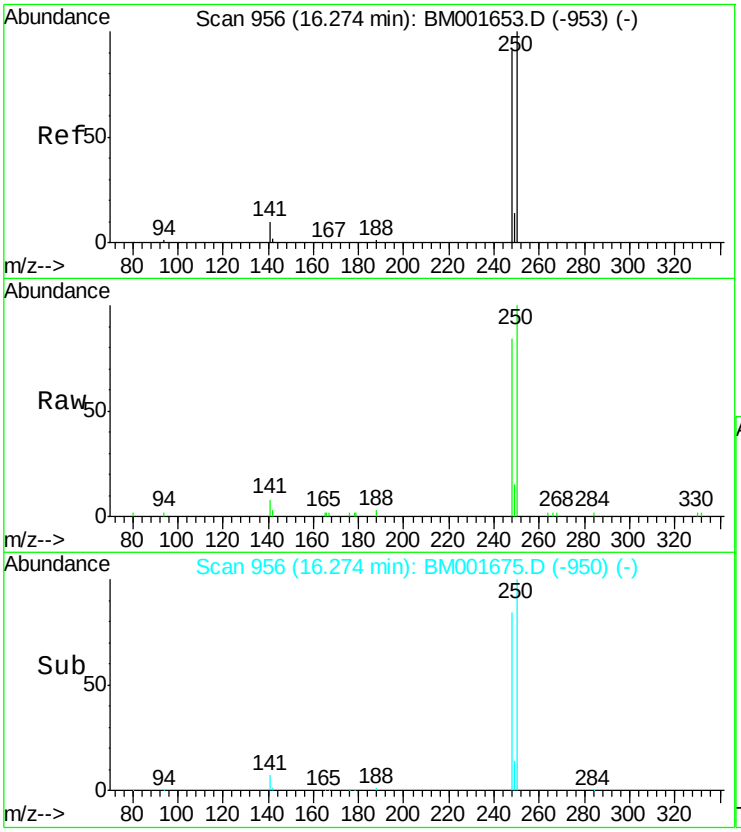


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:188 Resp: 51155

Ion	Ratio	Lower	Upper
188	100		
94	52.0	48.3	72.5
80	61.0	58.6	88.0

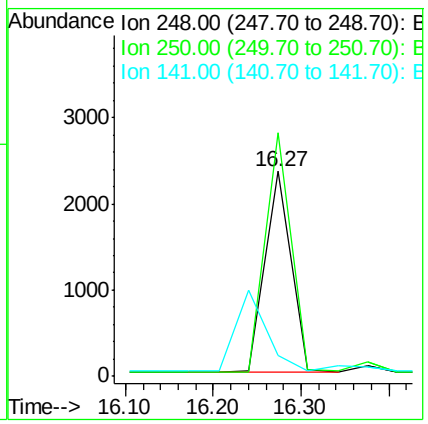




#19
4-Bromophenyl-phenylether
Concen: 0.95 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:248 Resp: 4855

Ion	Ratio	Lower	Upper
248	100		
250	118.6	87.5	131.3
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
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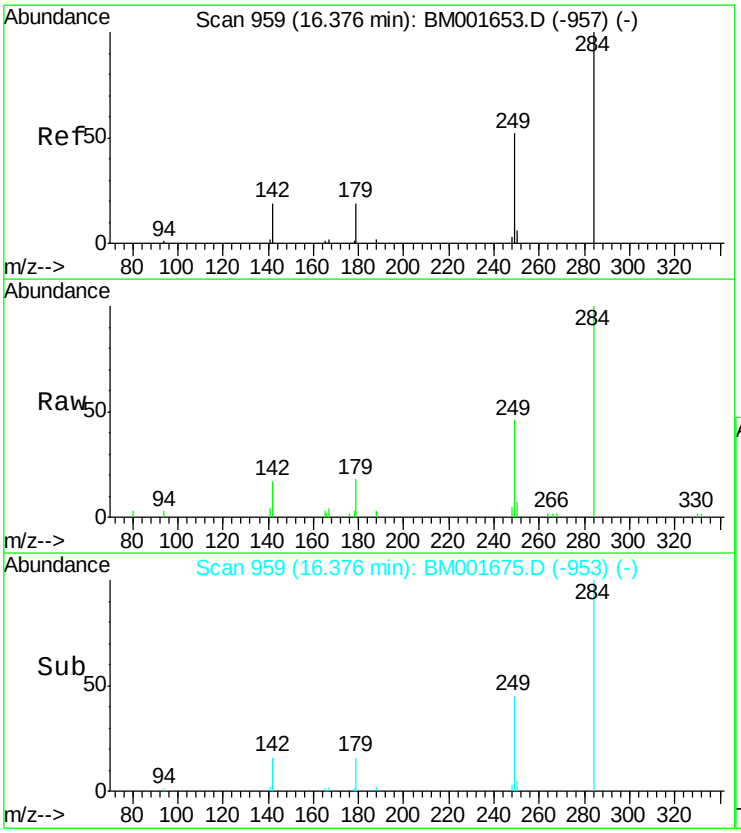
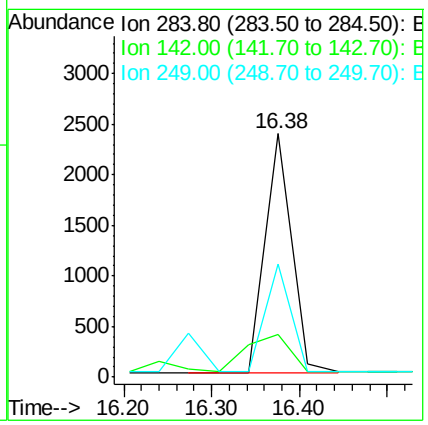
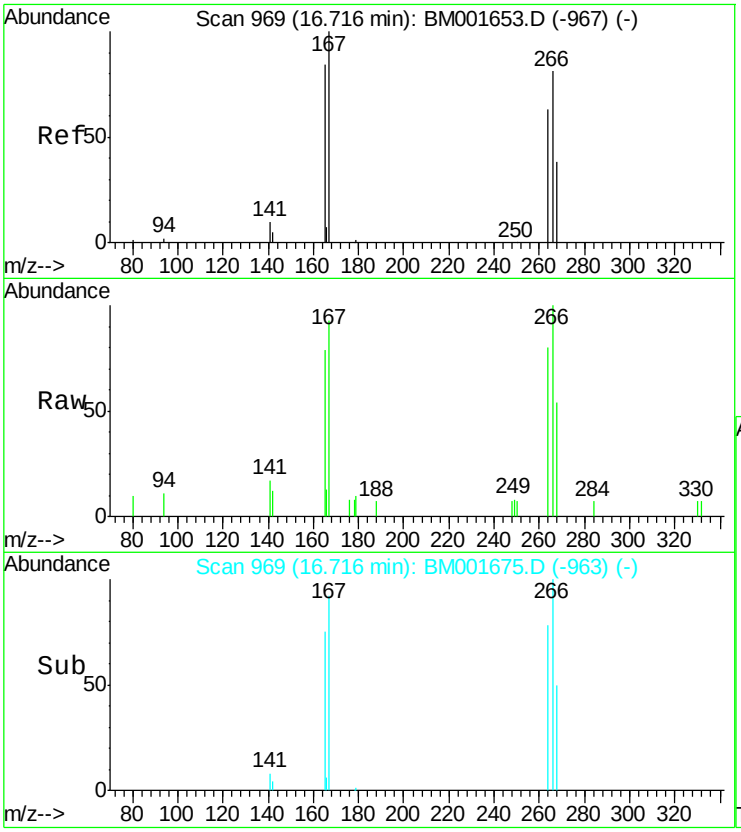


#20
Hexachlorobenzene
Concen: 1.07 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:284 Resp: 4983

Ion	Ratio	Lower	Upper
284	100		
142	25.8	21.5	32.3
249	59.5	53.8	80.6

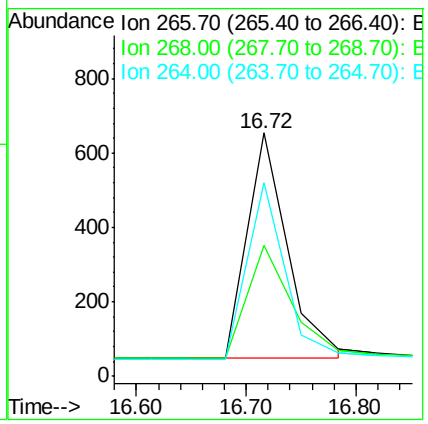




#21
Pentachlorophenol
Concen: 1.10 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:266 Resp: 1537

Ion	Ratio	Lower	Upper
266	100		
268	53.7	43.3	64.9
264	79.5	64.5	96.7



Instrument :
BNA_M
ClientSampleId :
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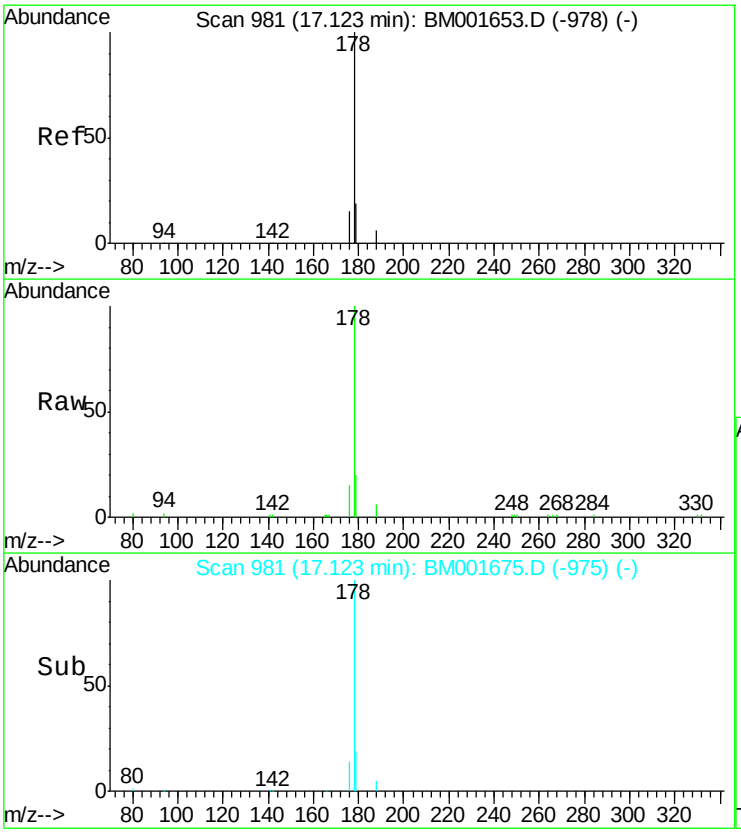
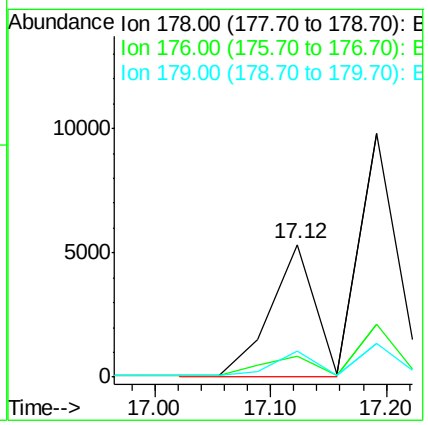
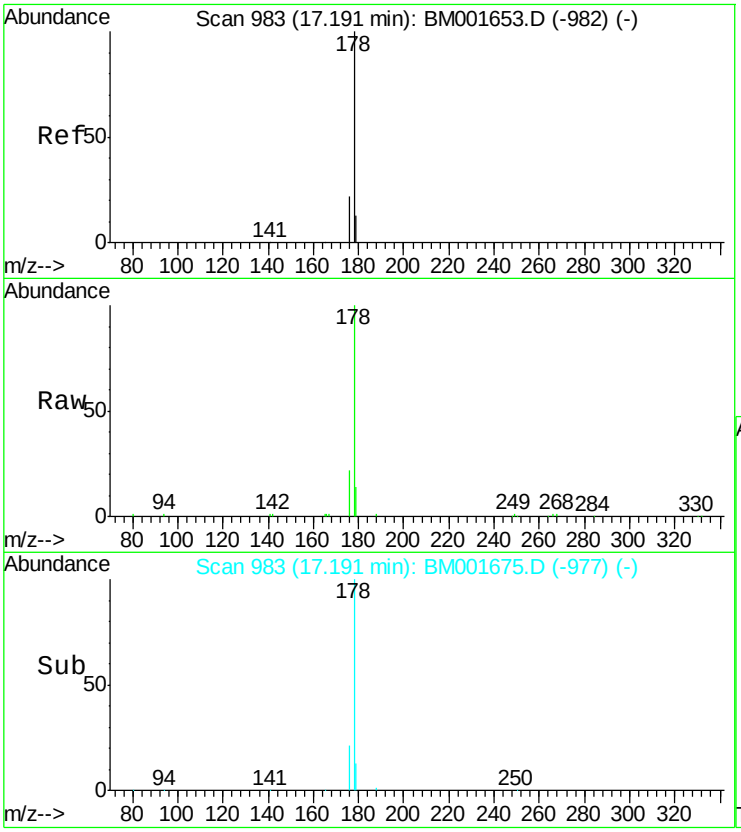


#22
Phenanthrene
Concen: 0.86 ng m
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:178 Resp: 14412

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





#23
Anthracene
Concen: 1.14 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:178 Resp: 22518

Ion	Ratio	Lower	Upper
178	100		
176	31.0	0.0	0.0#
179	0.0	21.4	32.0#

Instrument :
BNA_M
ClientSampleId :
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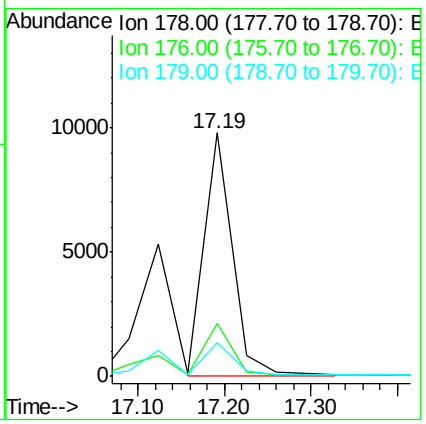
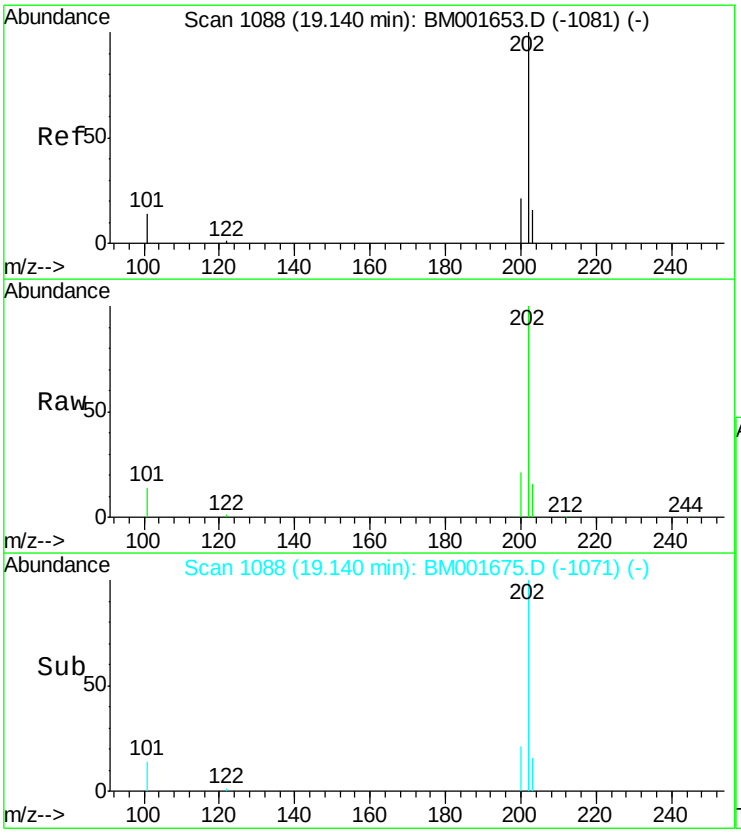
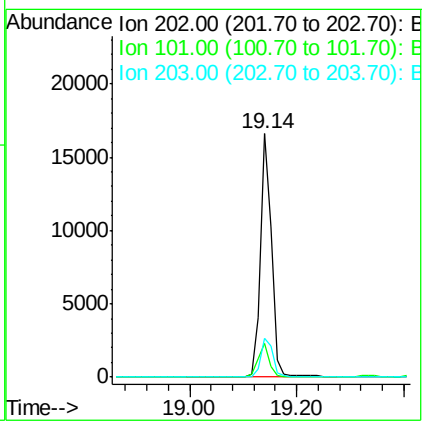


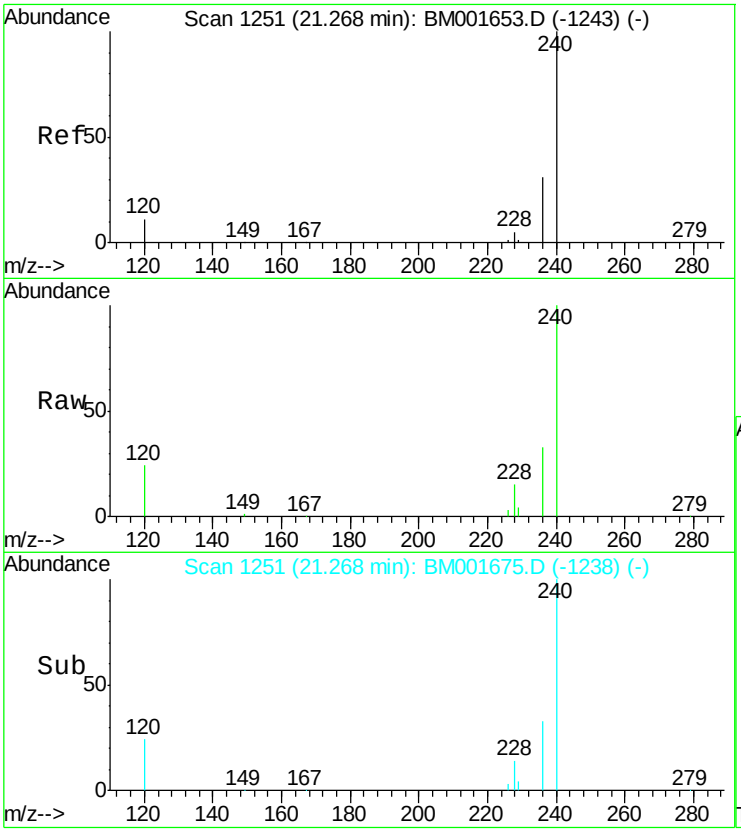


#24
Fluoranthene
Concen: 0.95 ng
RT: 19.14 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:202 Resp: 23582

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.8	16.2
203	17.3	13.8	20.8

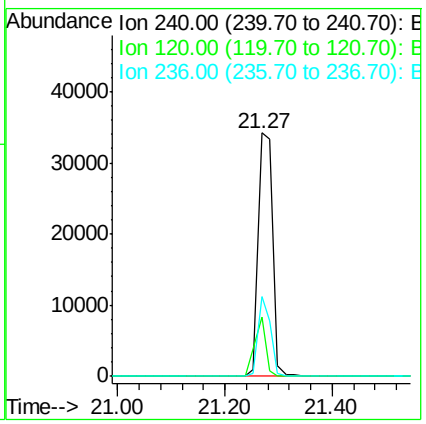




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:240 Resp: 65323

Ion	Ratio	Lower	Upper
240	100		
120	24.3	8.9	13.3#
236	32.9	24.6	36.8



Instrument :
BNA_M
ClientSampleId :
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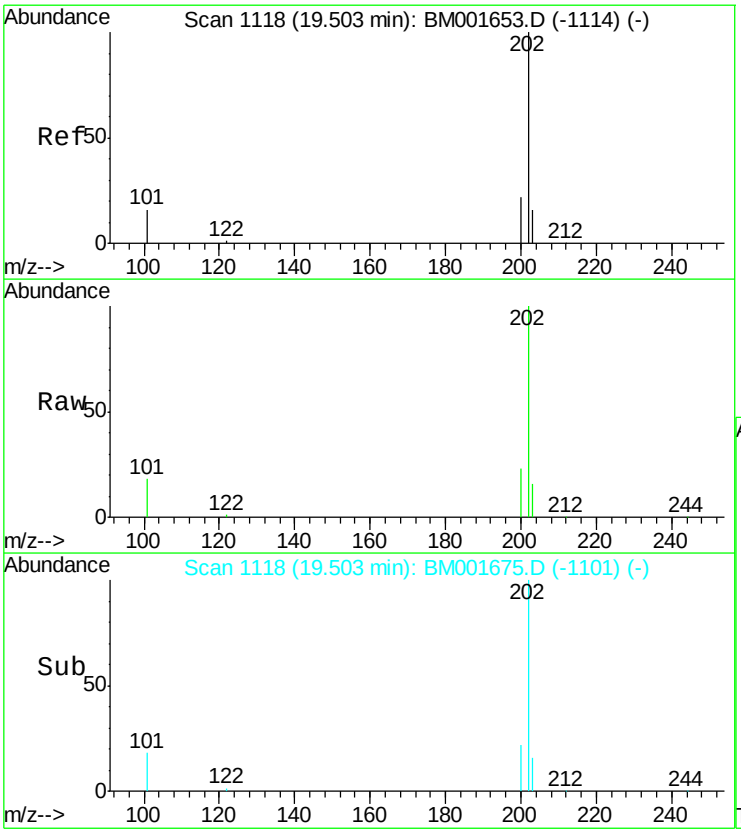
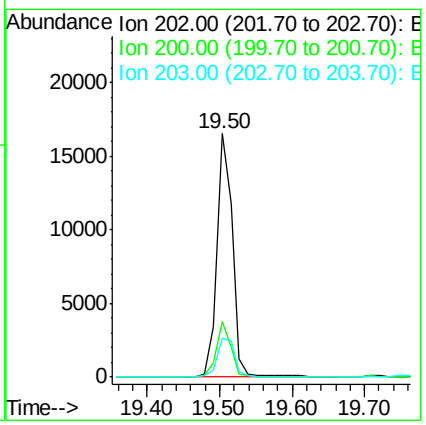
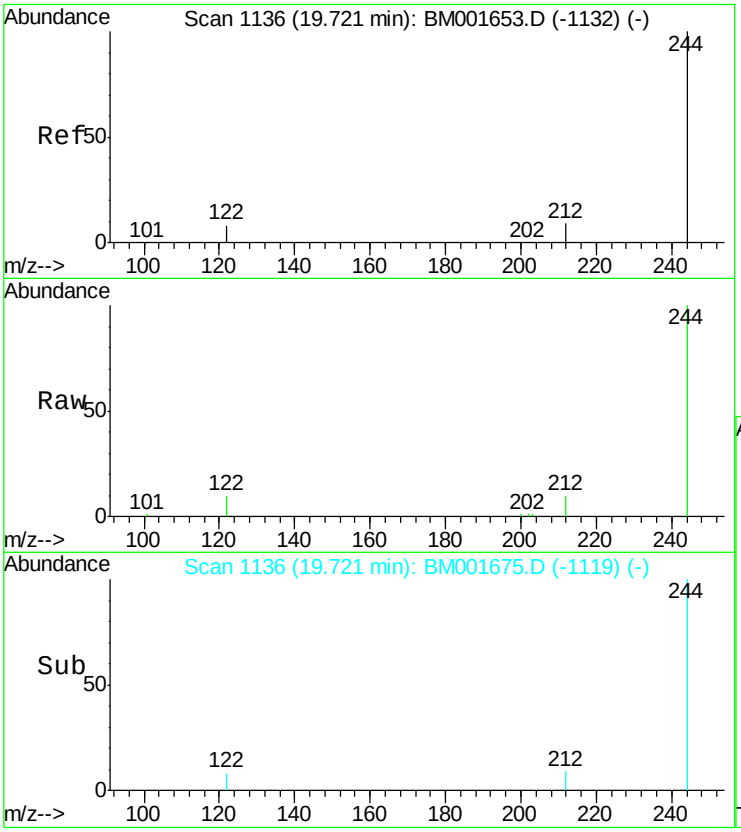


#26
Pyrene
Concen: 1.07 ng
RT: 19.50 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:202 Resp: 24088

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.6	13.8	20.8

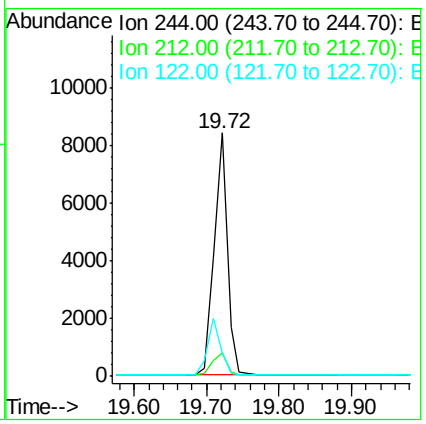




#27
Terphenyl-d14
Concen: 1.07 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:244 Resp: 10572

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.7	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
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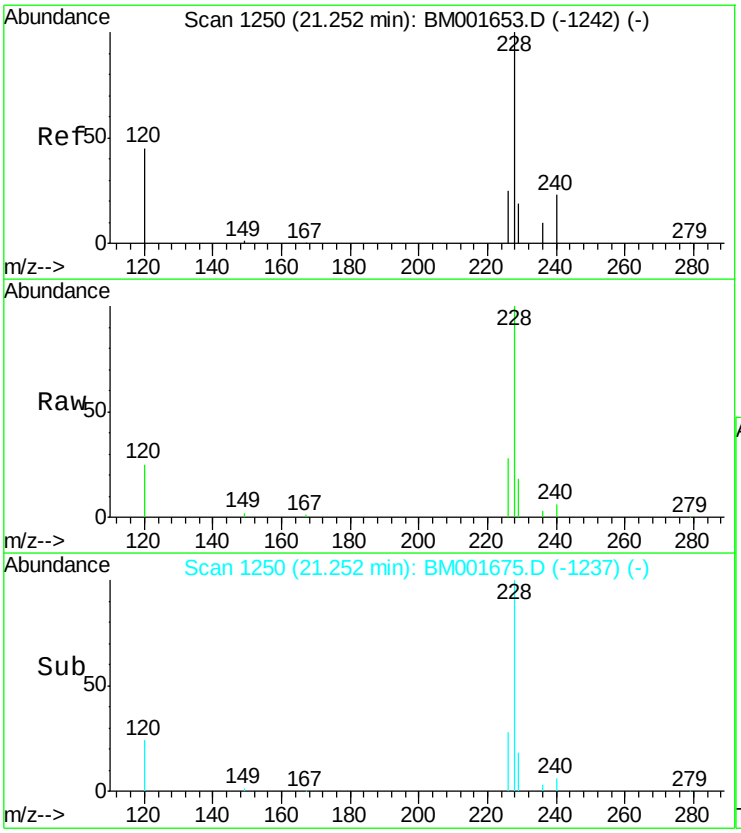
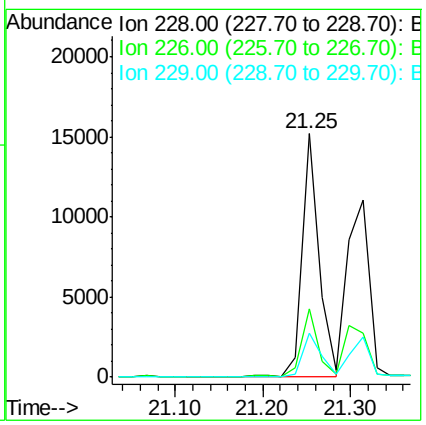
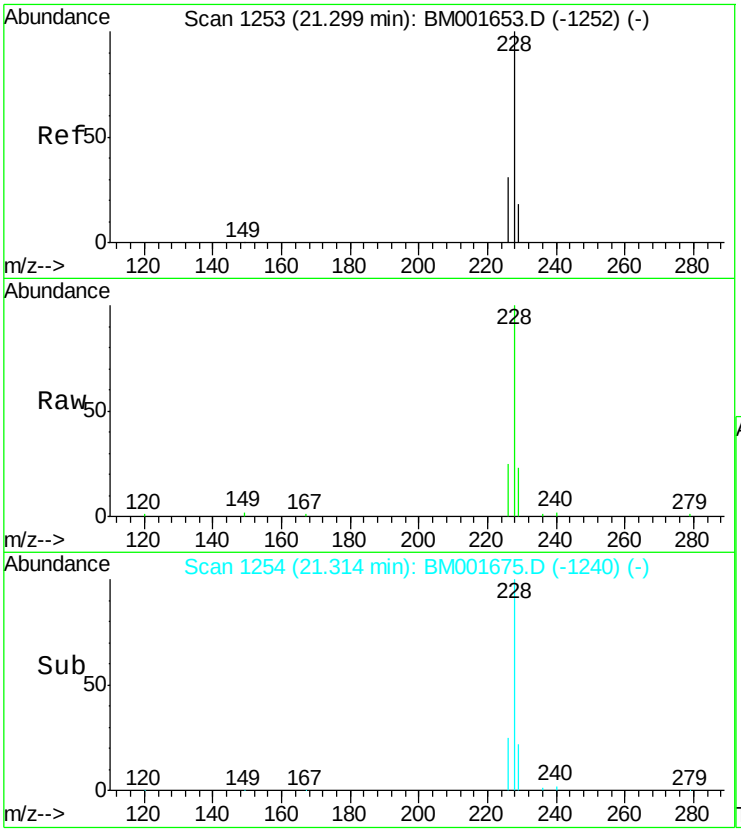


#28
Benzo(a)anthracene
Concen: 0.98 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:228 Resp: 20159

Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.2	30.4
229	18.1	15.7	23.5





#29
Chrysene
Concen: 0.96 ng m
RT: 21.31 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:228 Resp: 18941

Ion	Ratio	Lower	Upper
228	100		
226	25.1	25.8	38.8#
229	22.7	14.1	21.1#

Instrument :
BNA_M
ClientSampleId :
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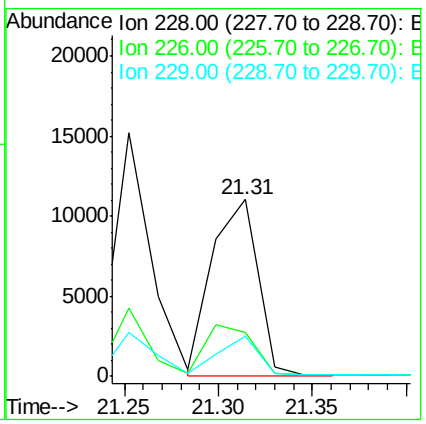
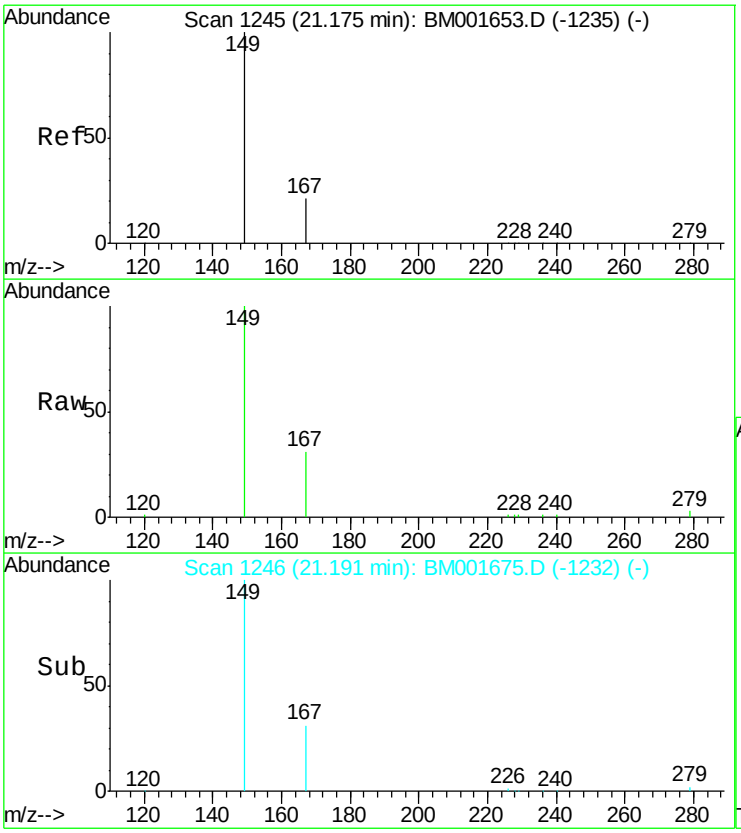
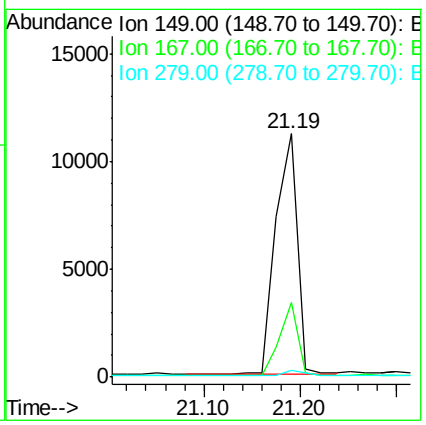


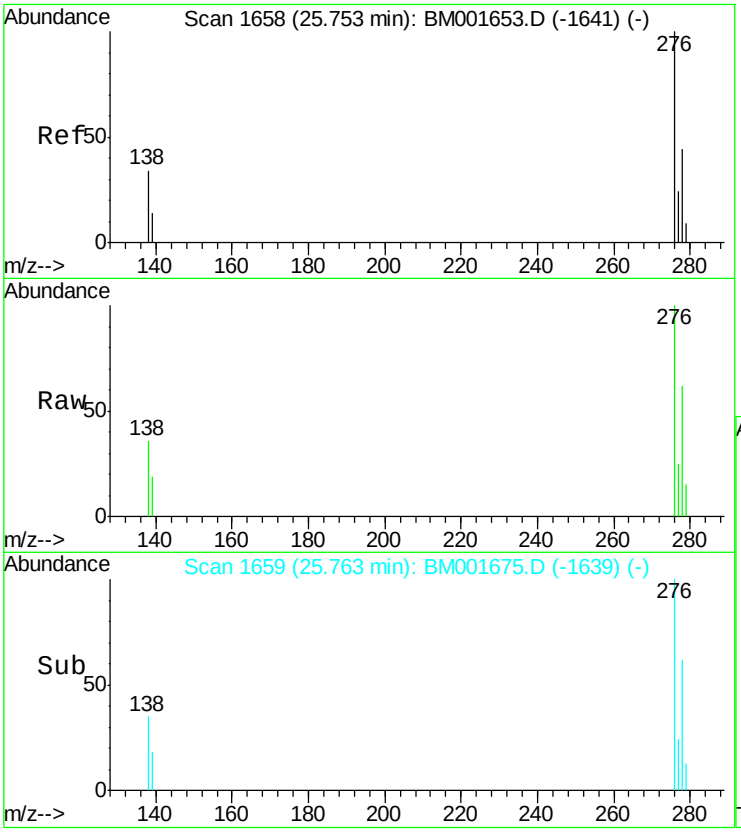


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.36 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:149 Resp: 17427

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.2
279	2.2	1.7	2.5

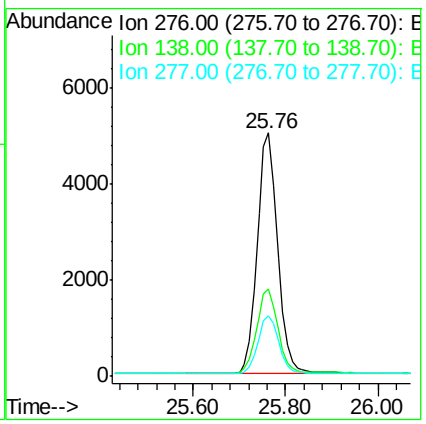




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.76 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:276 Resp: 15444

Ion	Ratio	Lower	Upper
276	100		
138	35.9	28.8	43.2
277	24.5	19.6	29.4



Instrument :
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ClientSampleId :
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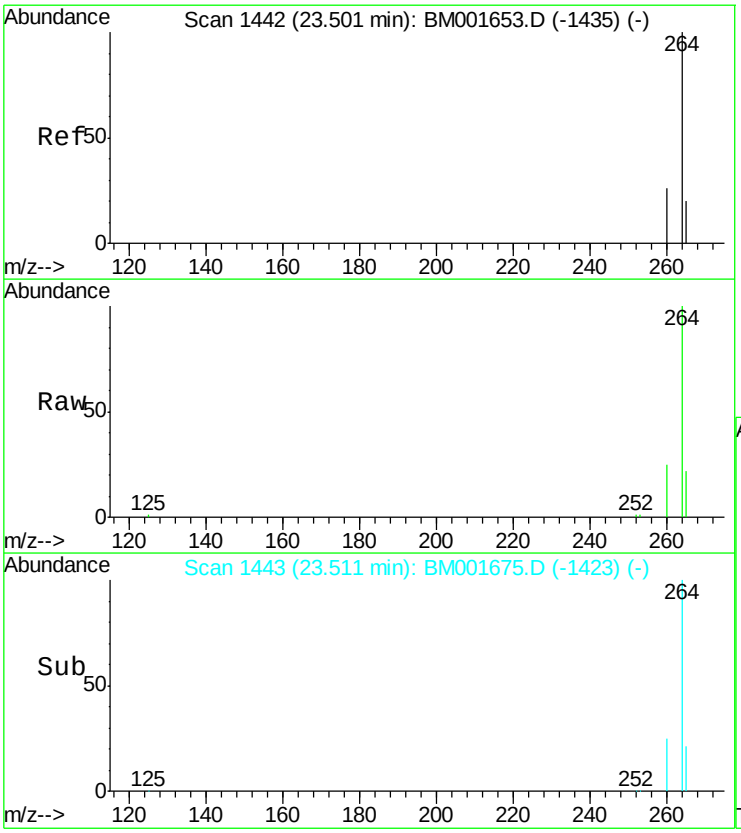
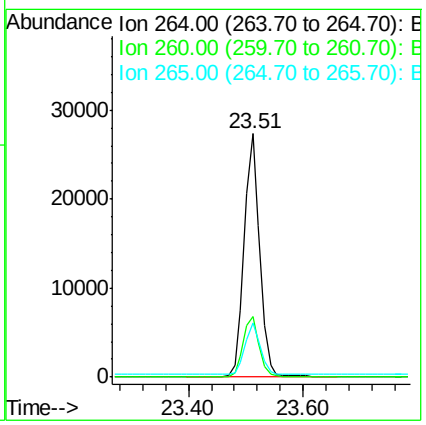
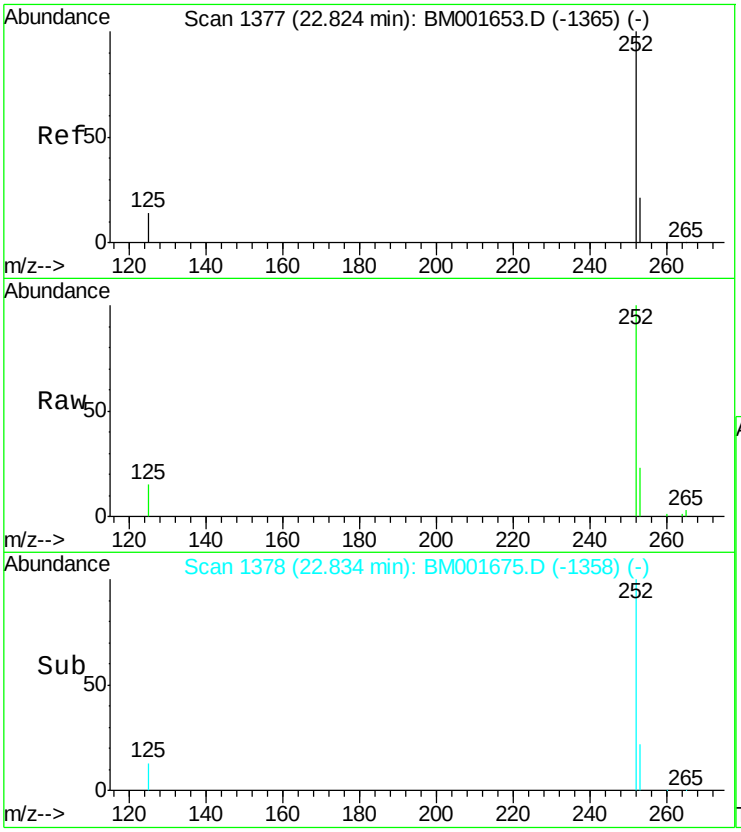


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:264 Resp: 51221

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.8	31.2
265	22.2	16.9	25.3

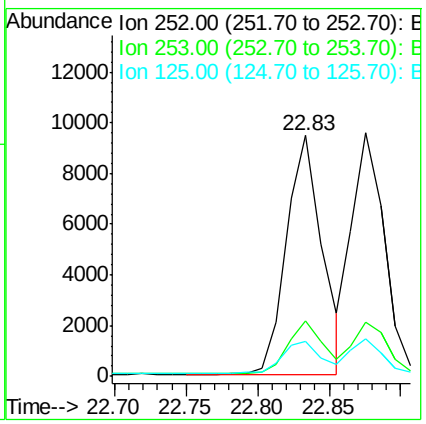




#33
Benzo(b)fluoranthene
Concen: 0.98 ng
RT: 22.83 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:252 Resp: 16362

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	14.7	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
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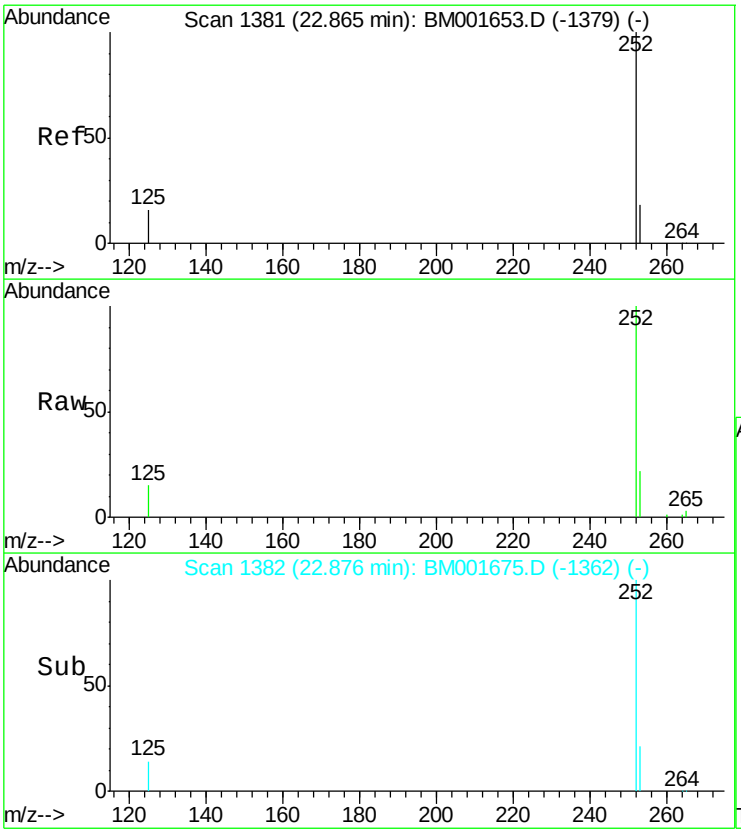
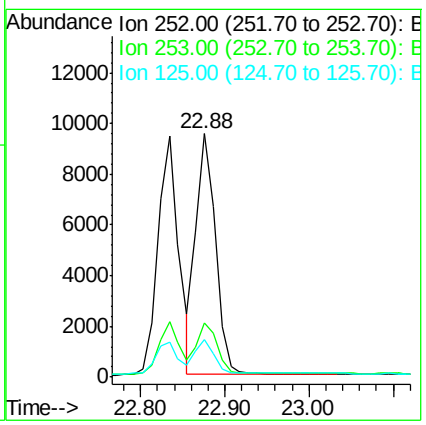
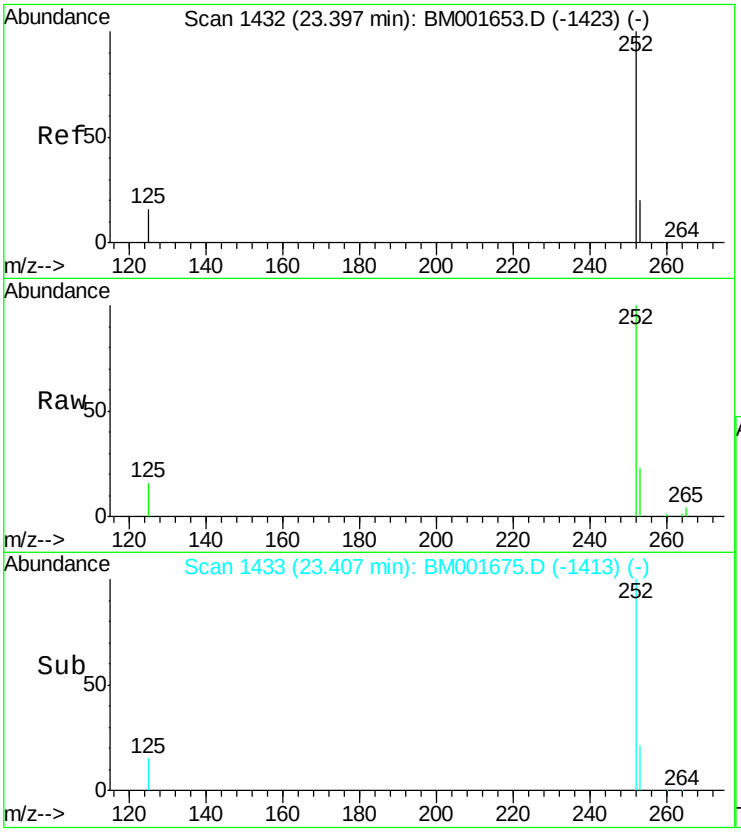


#34
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.88 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:252 Resp: 15196

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	15.2	12.5	18.7

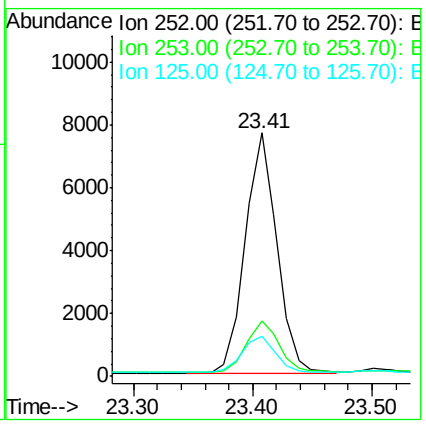




#35
Benzo(a)pyrene
Concen: 1.01 ng
RT: 23.41 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:252 Resp: 14118

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	16.5	14.0	21.0



Instrument :
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ClientSampleId :
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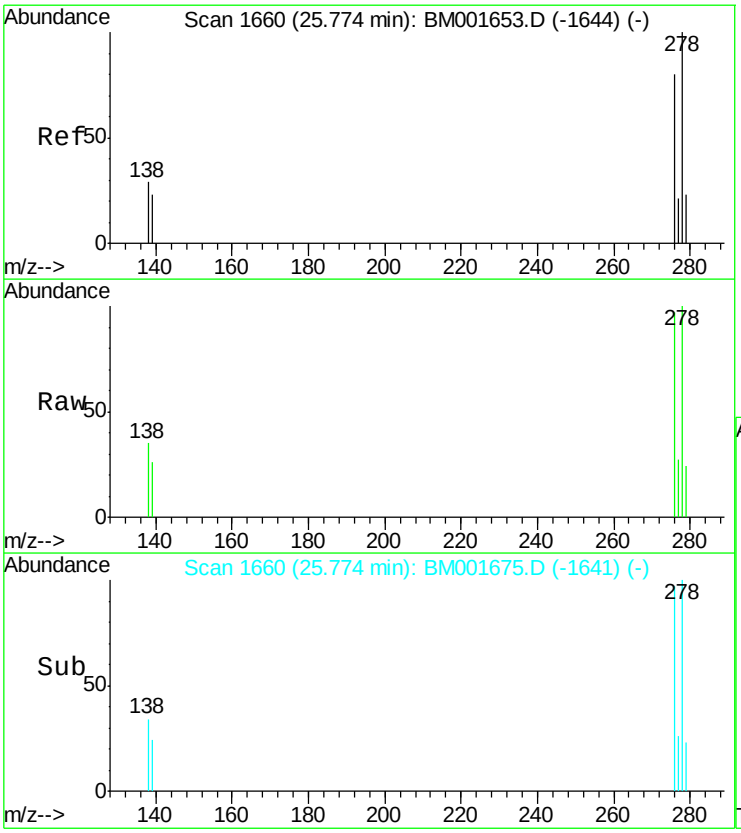
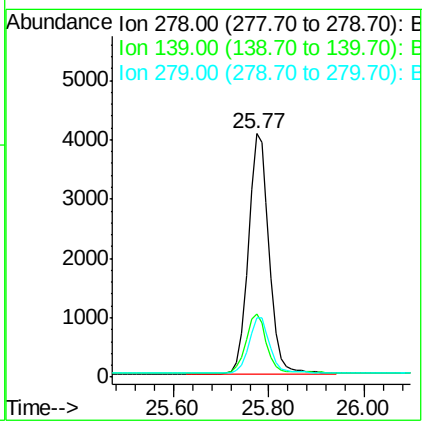
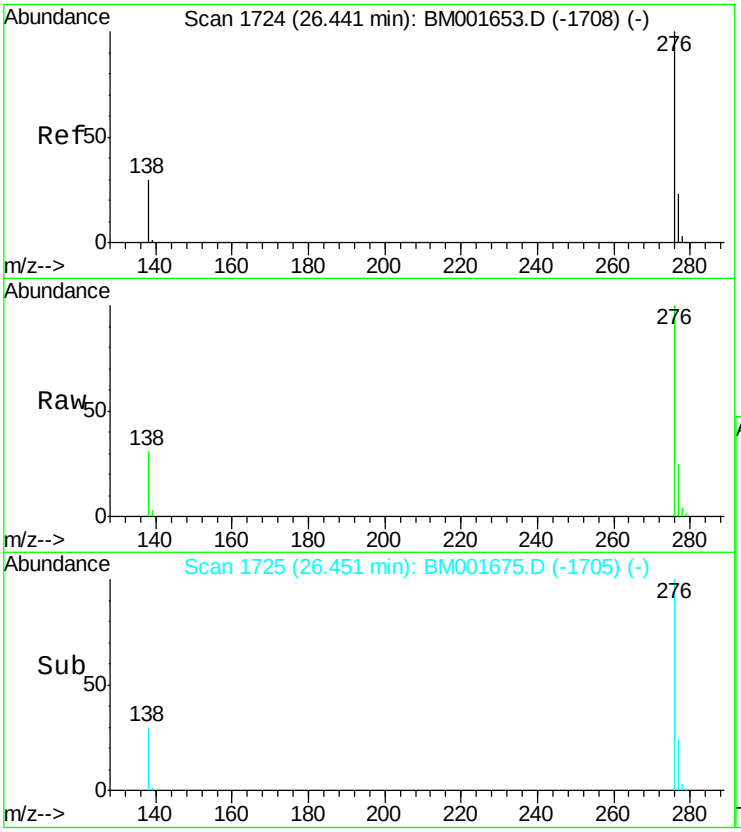


#36
Dibenzo(a,h)anthracene
Concen: 1.05 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:278 Resp: 12288

Ion	Ratio	Lower	Upper
278	100		
139	25.9	19.1	28.7
279	24.5	19.7	29.5

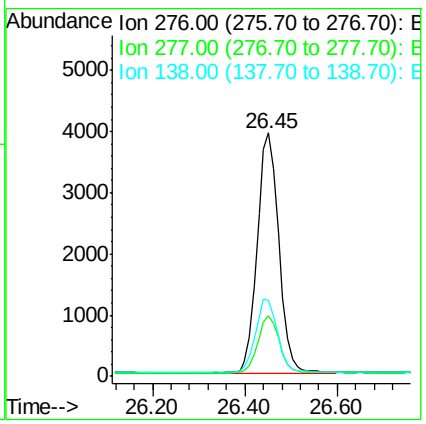




#37
Benzo(g,h,i)perylene
Concen: 1.09 ng
RT: 26.45 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BM001675.D
Acq: 12 Jun 2015 13:17

Tgt Ion:276 Resp: 12733

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	31.2	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
apatel
6/15/2015 12:42:29 PM