Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001348.D
Acq On : 21 May 2015 06:49
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
apatel
5/21/2015 8:53:00 PM

Quant Time: May 21 09:03:22 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	14633	5.00	ng		0.00
6) Naphthalene-d8	10.20	136	58588	5.00	ng		0.00
12) Acenaphthene-d10	14.11	164	36718	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	74258	5.00	ng		0.00
25) Chrysene-d12	21.07	240	80918	5.00	ng		0.00
32) Perylene-d12	23.17	264	75674	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	1440	0.51	ng		0.00
5) Phenol-d6	6.61	99	1746	0.48	ng		0.00
7) Nitrobenzene-d5	8.59	82	1517	0.45	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	628	0.55	ng		0.00
14) 2-Fluorobiphenyl	12.72	172	5711	0.53	ng		0.00
27) Terphenyl-d14	19.50	244	5495	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	914	0.69	ng		90
3) n-Nitrosodimethylamine	3.23	42	762	0.43	ng		87
8) Nitrobenzene	8.63	77	1526	0.43	ng		98
9) Naphthalene	10.25	128	6407	0.53	ng		99
10) Hexachlorobutadiene	10.54	225	1266	0.54	ng		100
11) 2-Methylnaphthalene	11.89	142	4562	0.53	ng		97
15) Acenaphthylene	13.82	152	7615	0.48	ng		100
16) Acenaphthene	14.17	154	4980	0.53	ng		99
17) Fluorene	15.15	166	3520m	0.38	ng		
19) 4-Bromophenyl-phenylether	16.04	248	2126	0.79	ng		96
20) Hexachlorobenzene	16.17	284	2815	0.58	ng	#	99
21) Pentachlorophenol	16.51	266	677	0.39	ng		97
22) Phenanthrene	16.89	178	13329m	0.52	ng		
23) Anthracene	16.99	178	5468m	0.59	ng		
24) Fluoranthene	18.92	202	11805	0.62	ng		100
26) Pyrene	19.29	202	12836	0.54	ng		99
28) Benzo(a)anthracene	21.04	228	11657	0.53	ng		97
29) Chrysene	21.10	228	11409	0.54	ng		99
30) Bis(2-ethylhexyl)phthalate	20.99	149	4883	0.39	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	11718	0.49	ng		100
33) Benzo(b)fluoranthene	22.54	252	12163	0.55	ng		97
34) Benzo(k)fluoranthene	22.58	252	10206	0.48	ng		98
35) Benzo(a)pyrene	23.07	252	9990	0.51	ng		98
36) Dibenzo(a,h)anthracene	25.25	278	9062	0.49	ng		99
37) Benzo(g,h,i)perylene	25.88	276	9831	0.50	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001348.D
Acq On : 21 May 2015 06:49
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 09:03:22 2015
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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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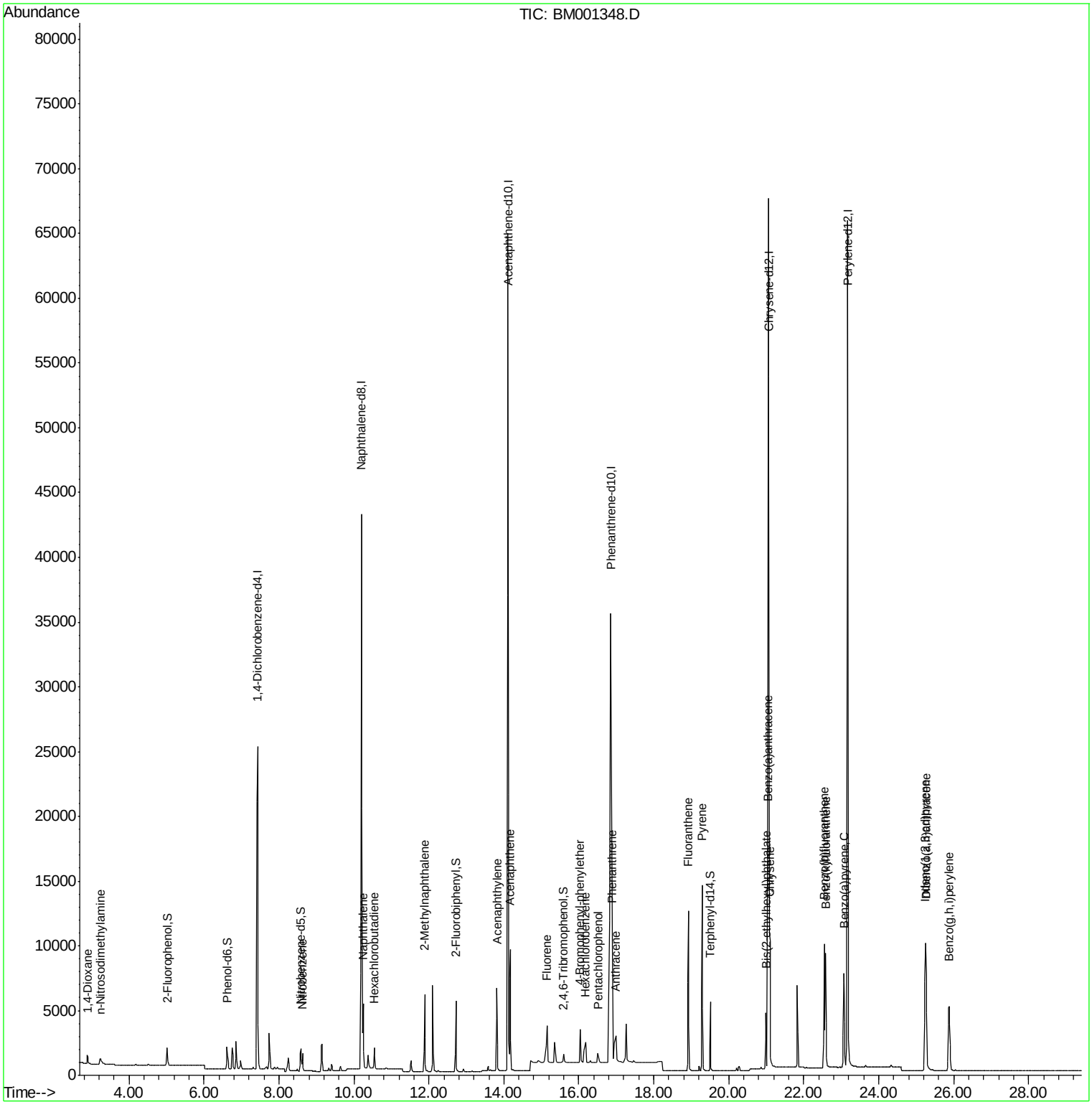
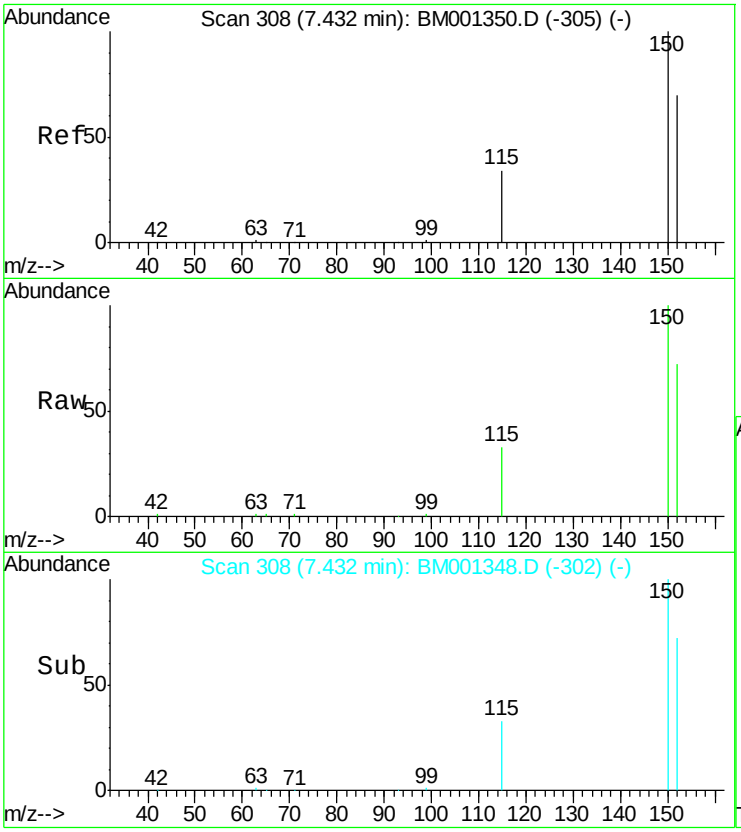
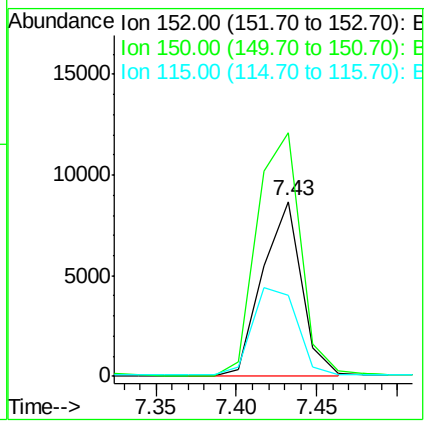




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:152 Resp: 14633

Ion	Ratio	Lower	Upper
152	100		
150	139.4	114.1	171.1
115	46.7	39.2	58.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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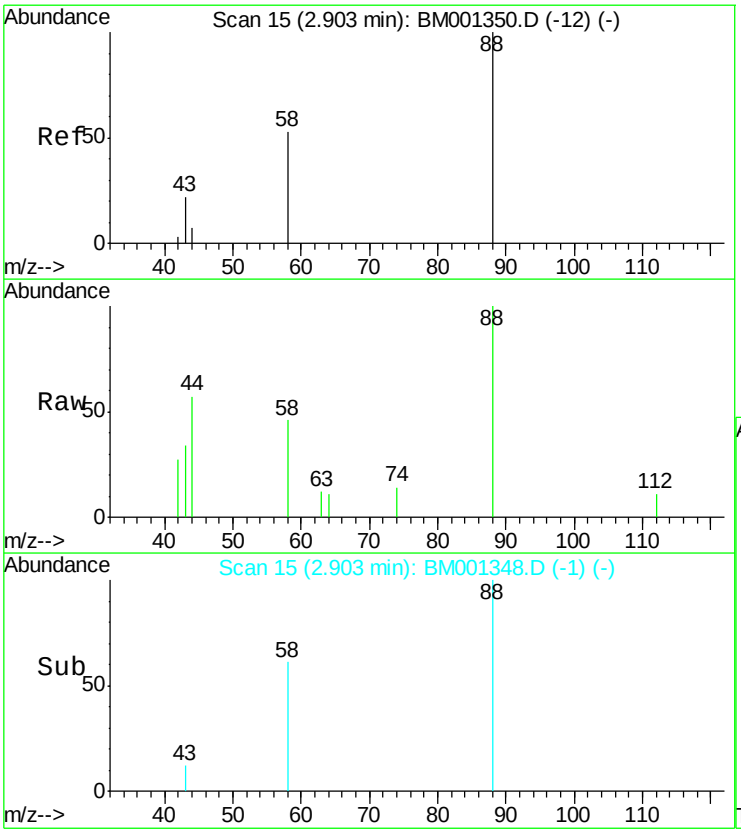
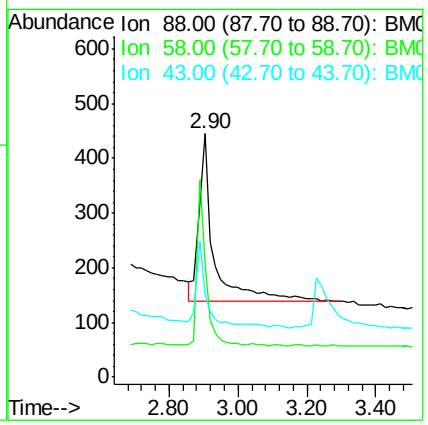
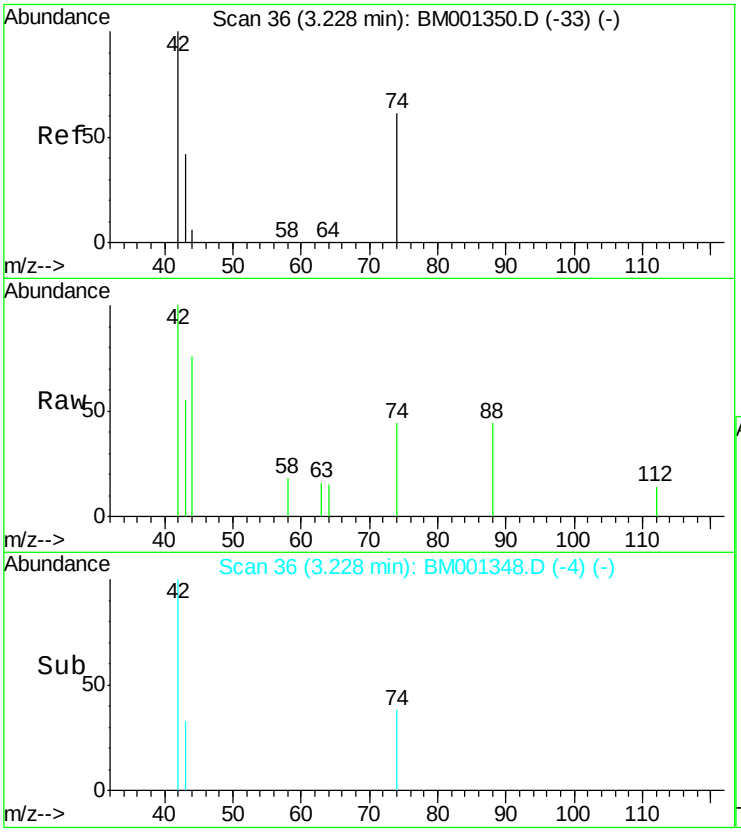


#2
1,4-Dioxane
Concen: 0.69 ng
RT: 2.90 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion: 88 Resp: 914

Ion	Ratio	Lower	Upper
88	100		
58	55.6	53.1	79.7
43	32.4	27.8	41.8

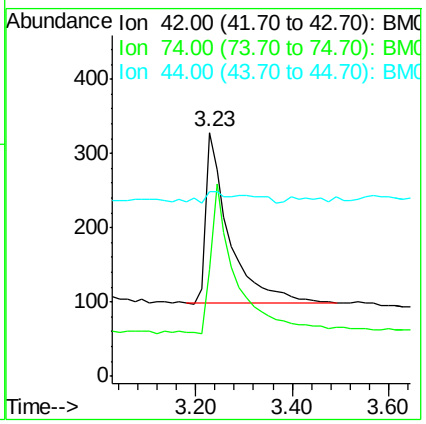




#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion: 42 Resp: 762

Ion	Ratio	Lower	Upper
42	100		
74	99.9	70.0	105.0
44	5.4	3.6	5.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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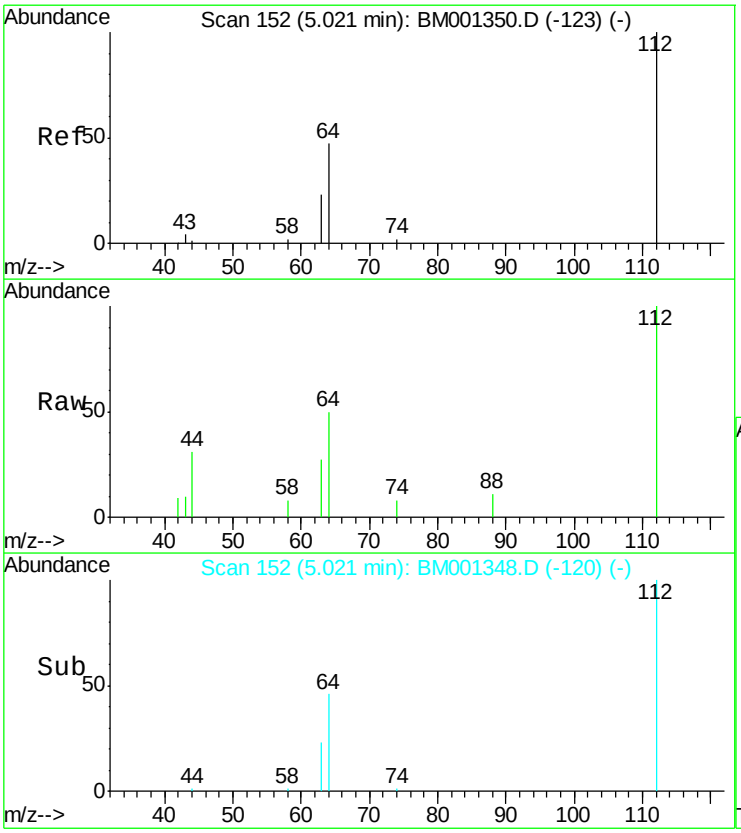
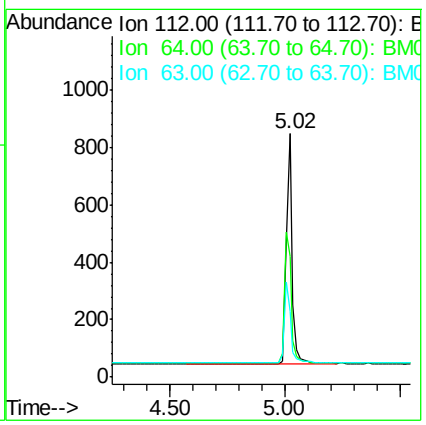
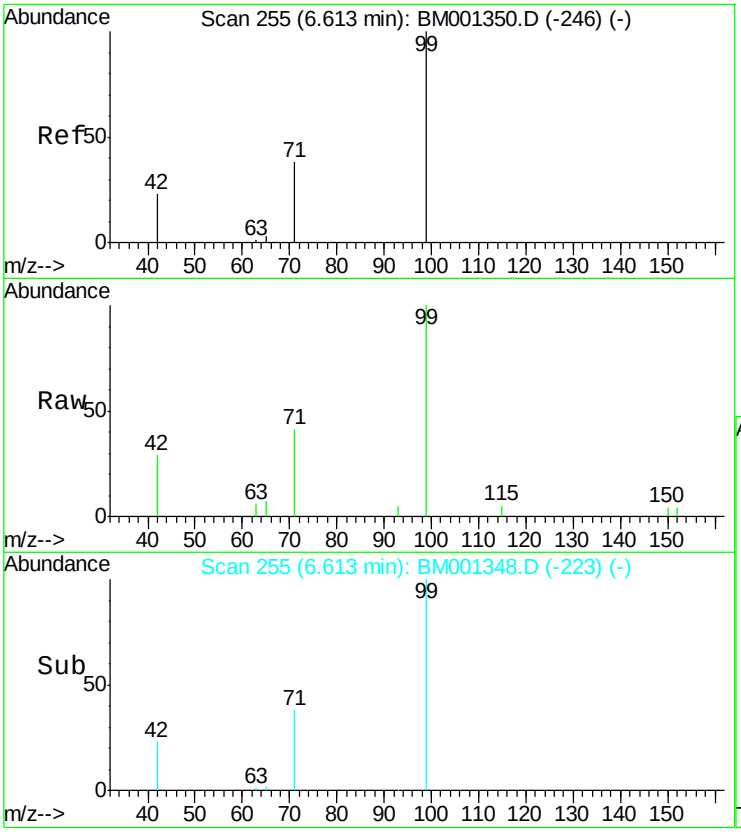


#4
2-Fluorophenol
Concen: 0.51 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:112 Resp: 1440

Ion	Ratio	Lower	Upper
112	100		
64	64.9	52.9	79.3
63	37.0	29.6	44.4

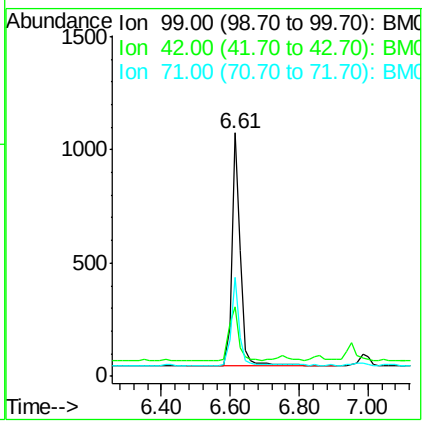




#5
Phenol-d6
Concen: 0.48 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion: 99 Resp: 1746

Ion	Ratio	Lower	Upper
99	100		
42	26.2	21.4	32.2
71	35.9	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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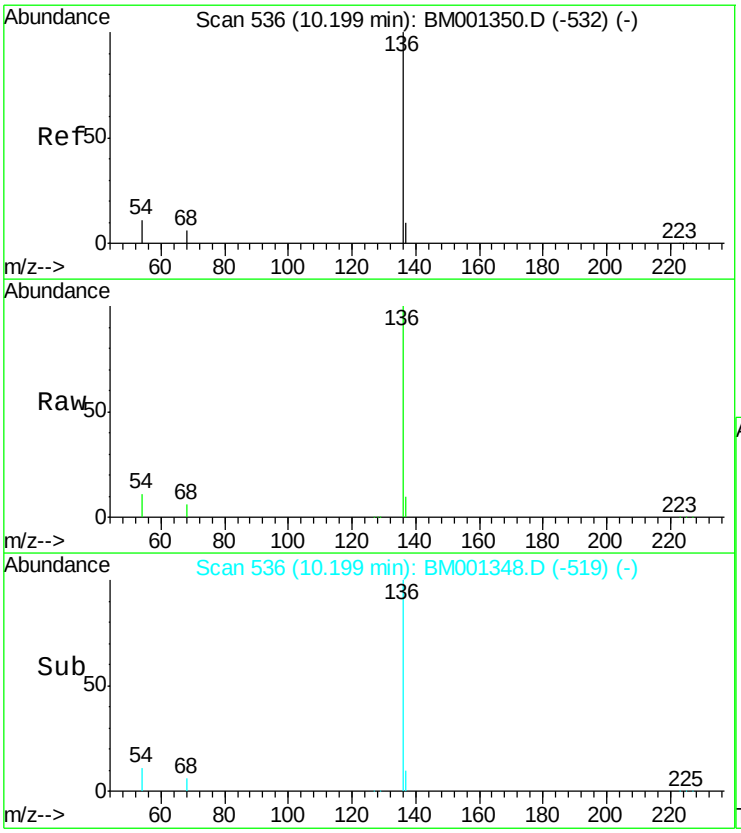
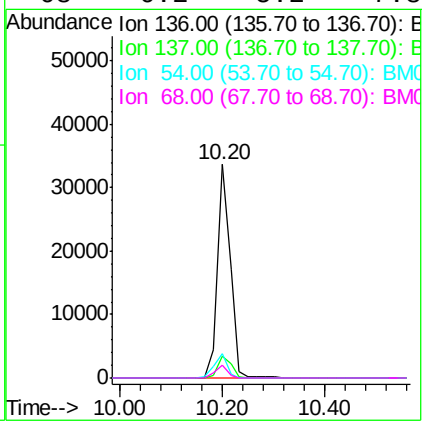
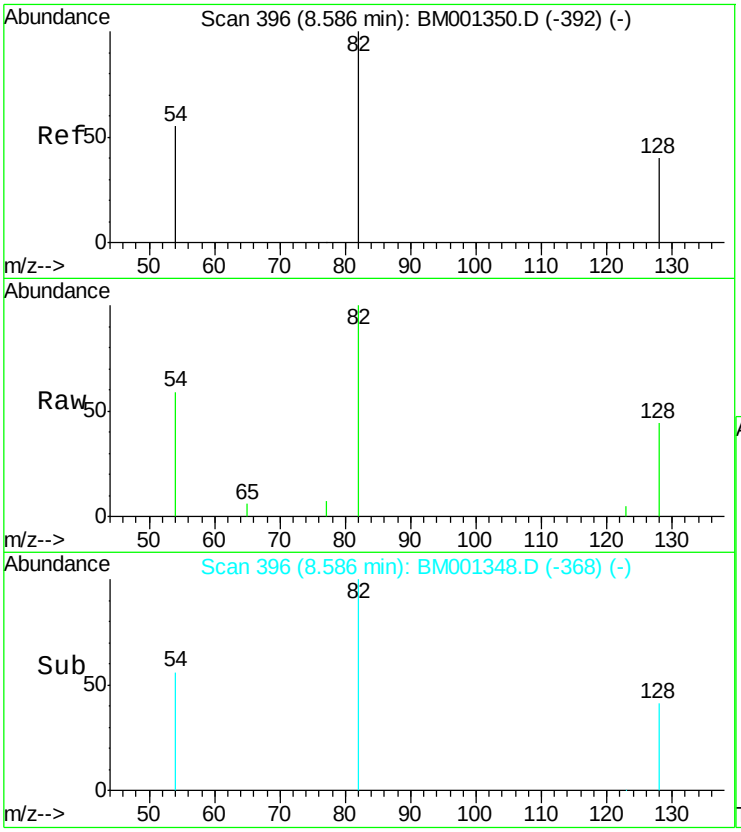


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:136 Resp: 58588

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.2	9.4	14.0
68	6.2	5.2	7.8

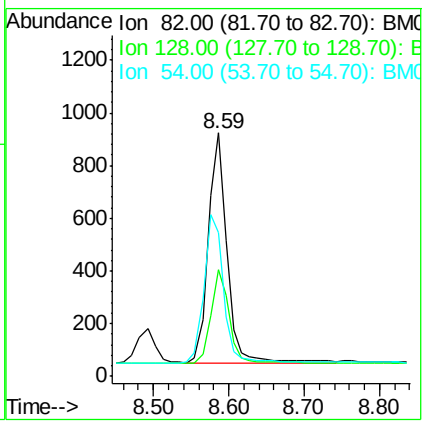




#7
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion: 82 Resp: 1517

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	58.9	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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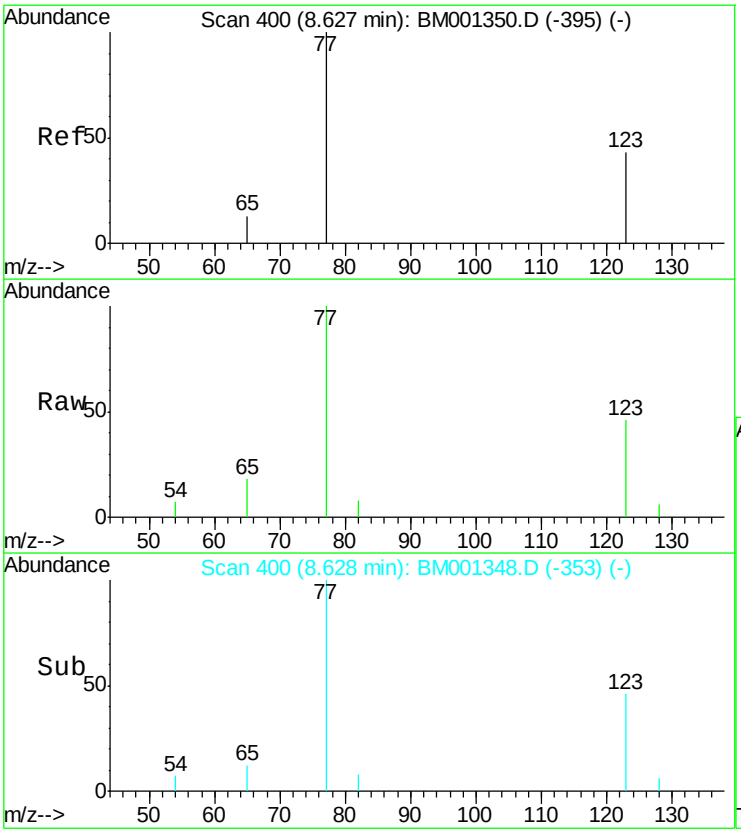
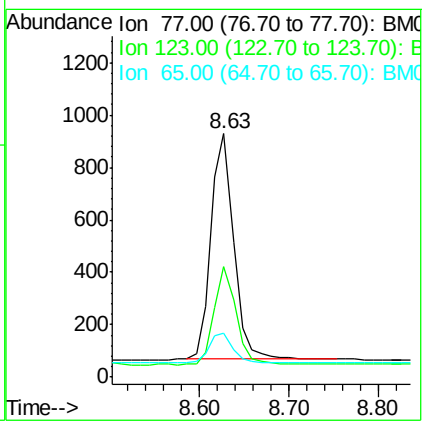
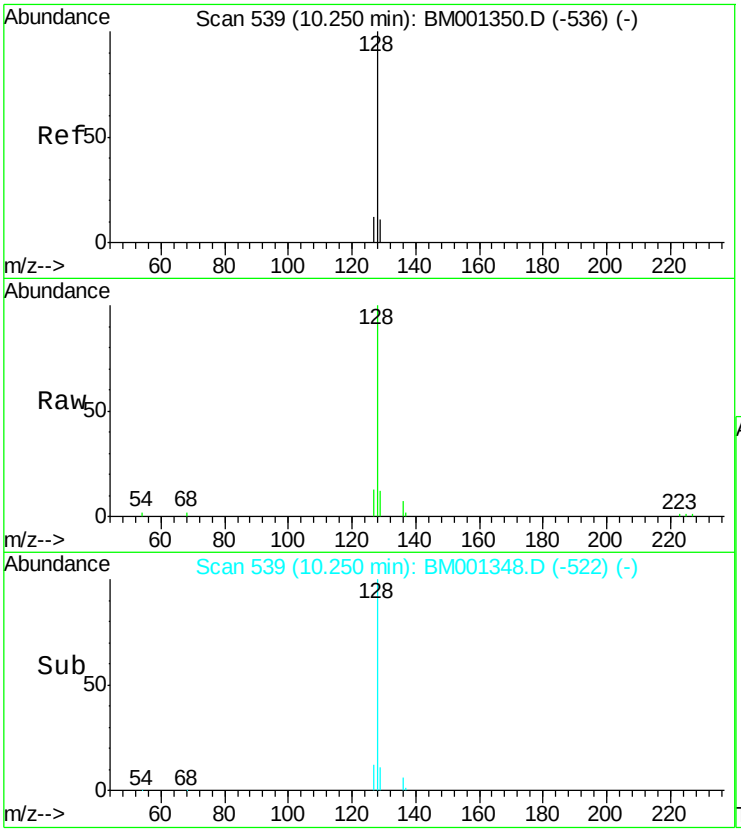


#8
Nitrobenzene
Concen: 0.43 ng
RT: 8.63 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion: 77 Resp: 1526

Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.6	50.4
65	13.8	11.3	16.9

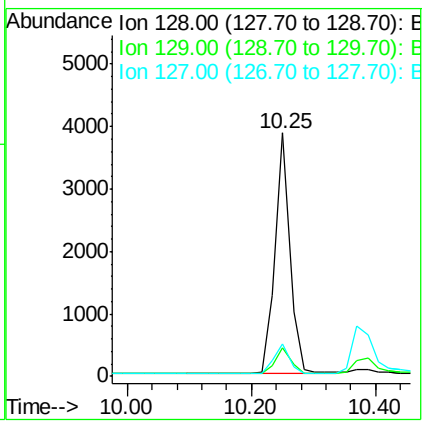




#9
Naphthalene
Concen: 0.53 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:128 Resp: 6407

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.5	10.4	15.6



Instrument :
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ClientSampleId :
SSTDICC0.5

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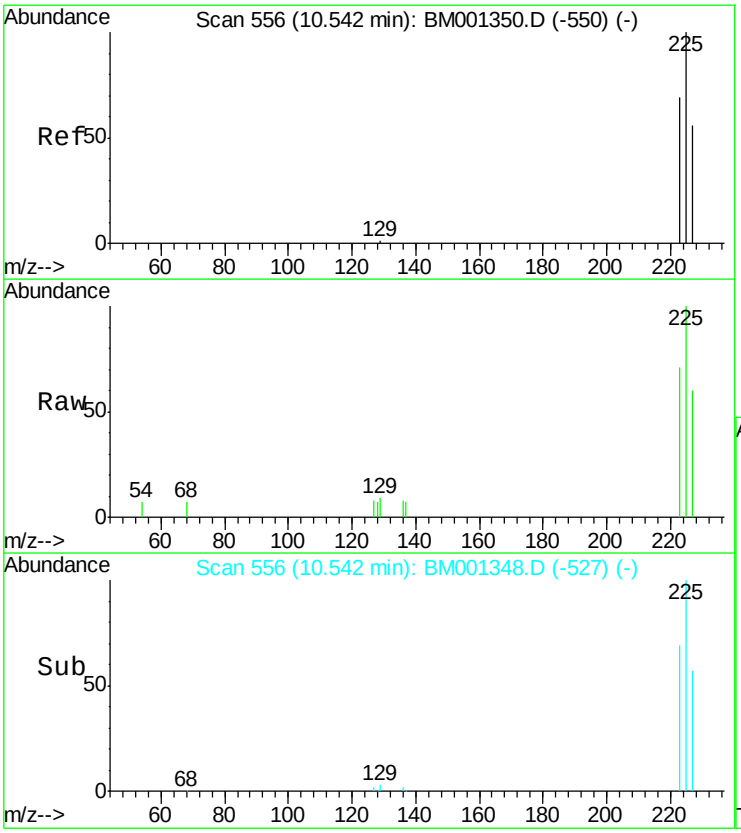
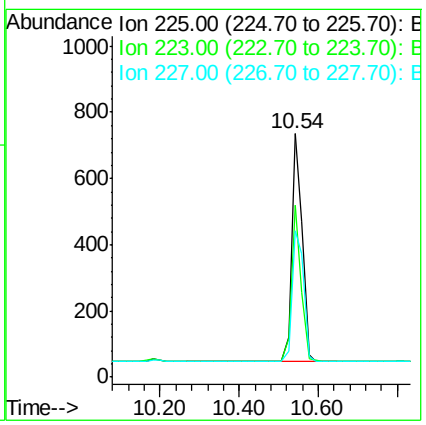
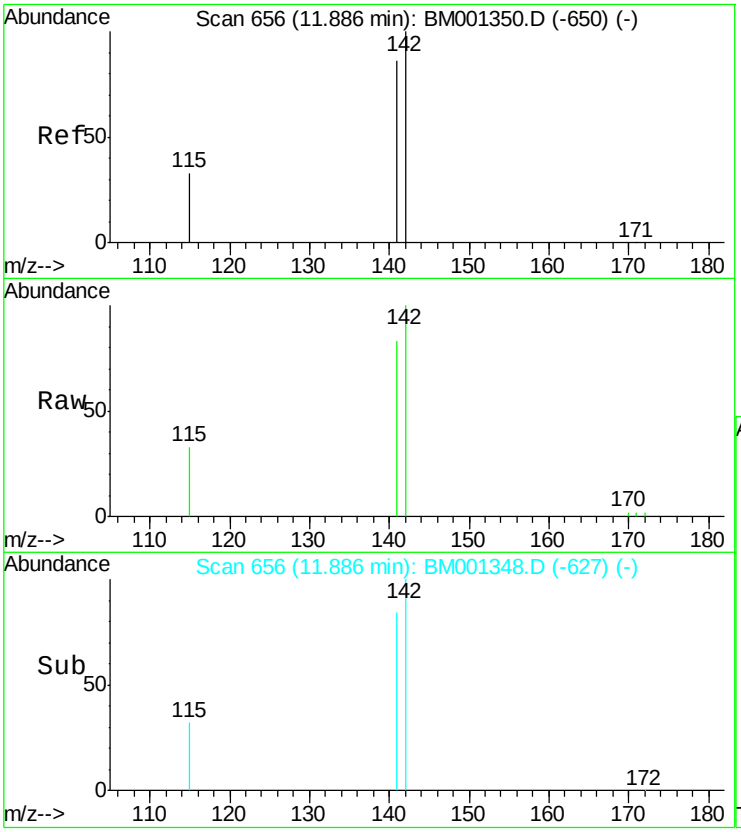


#10
Hexachlorobutadiene
Concen: 0.54 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:225 Resp: 1266

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	63.3	50.6	75.8

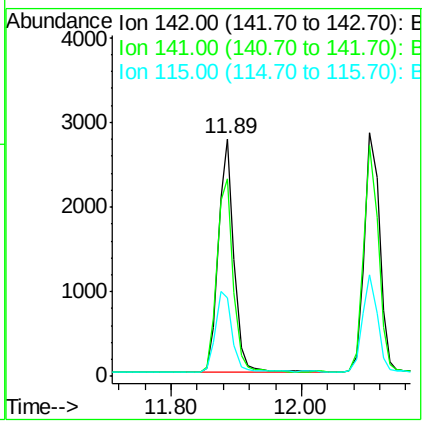




#11
2-Methylnaphthalene
Concen: 0.53 ng
RT: 11.89 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:142 Resp: 4562

Ion	Ratio	Lower	Upper
142	100		
141	83.4	69.0	103.4
115	32.9	27.1	40.7



Instrument :
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ClientSampleId :
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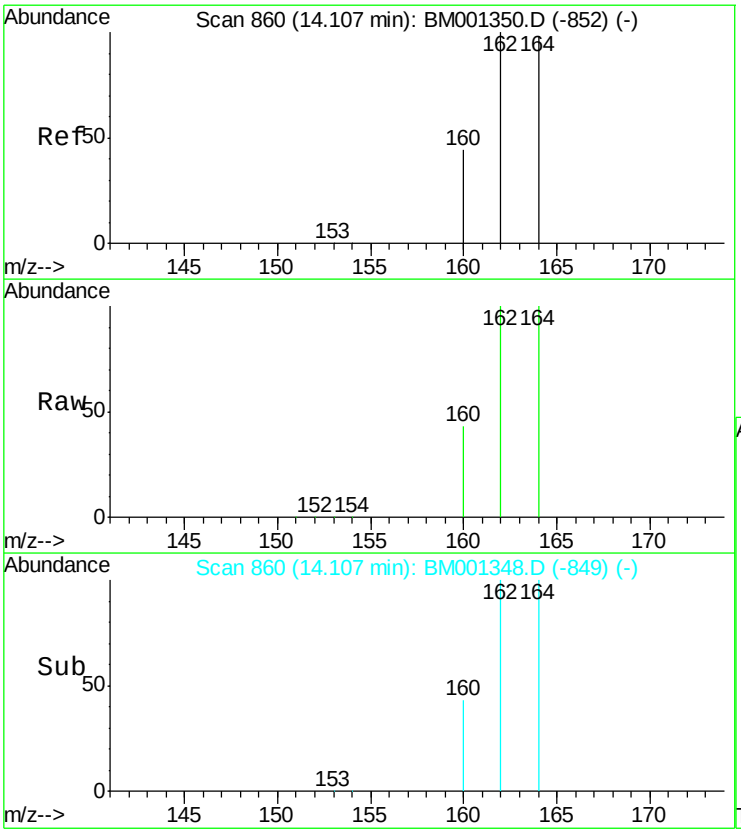
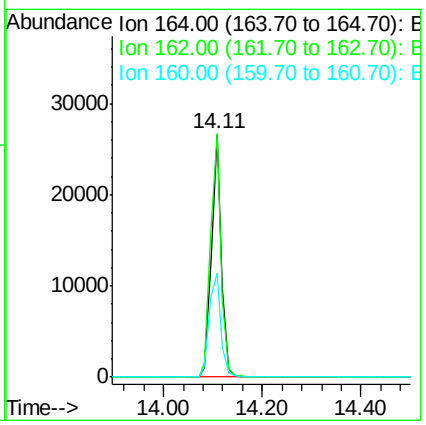
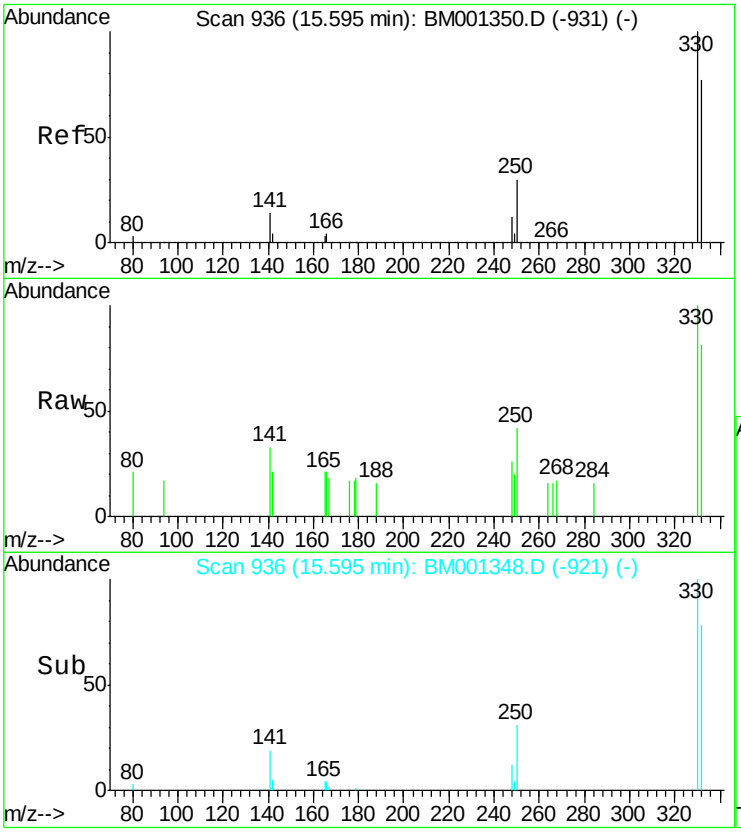


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:164 Resp: 36718

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.8
160	42.9	35.8	53.8

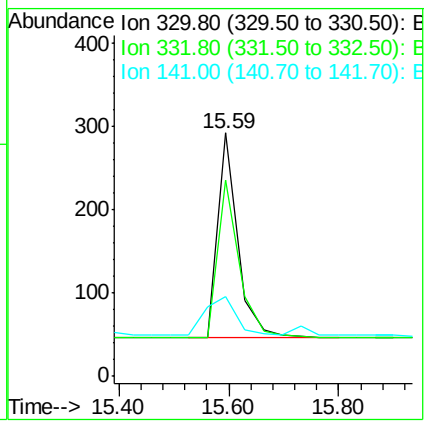




#13
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:330 Resp: 628

Ion	Ratio	Lower	Upper
330	100		
332	83.4	65.4	98.2
141	28.2	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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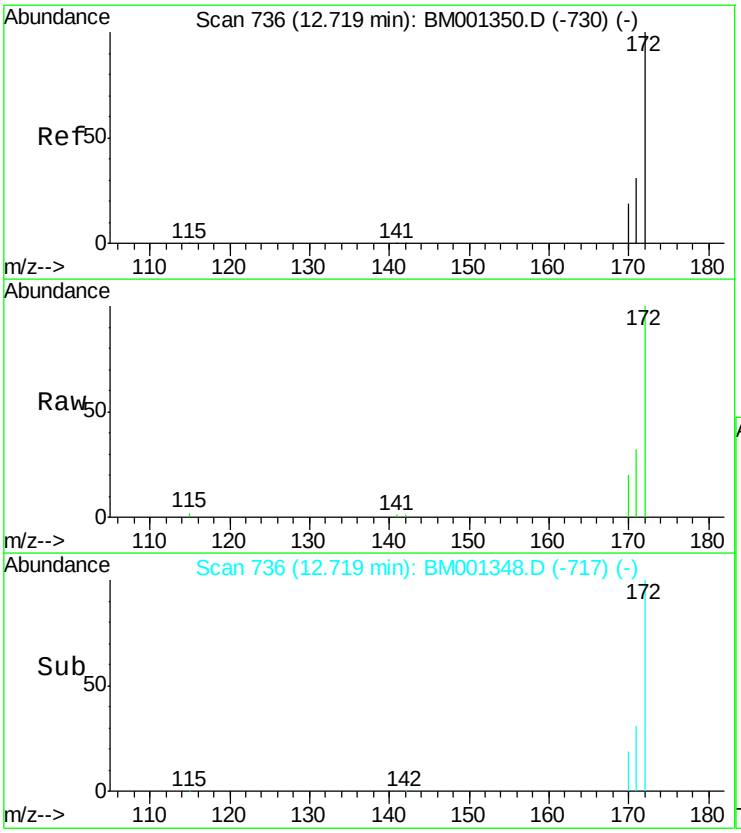
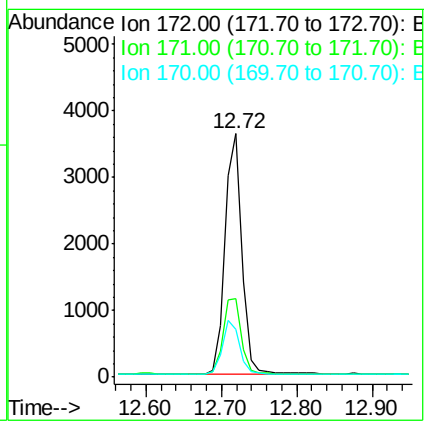
5/21/2015 8:53:00 PM

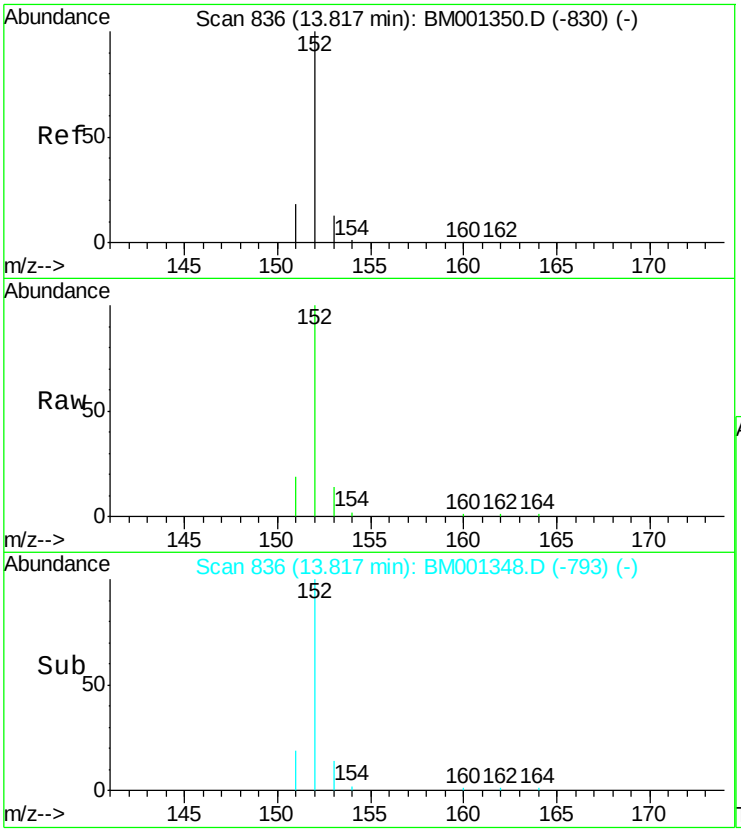


#14
2-Fluorobiphenyl
Concen: 0.53 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:172 Resp: 5711

Ion	Ratio	Lower	Upper
172	100		
171	32.0	25.4	38.2
170	19.8	15.7	23.5

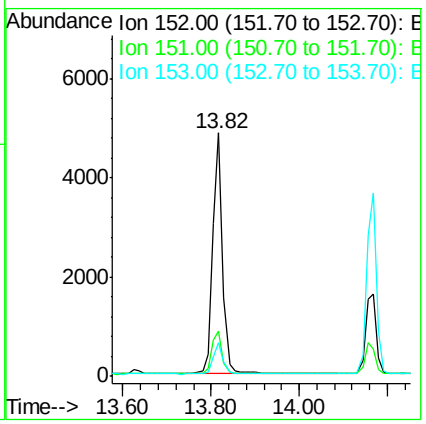




#15
Acenaphthylene
Concen: 0.48 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:152 Resp: 7615

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9
153	12.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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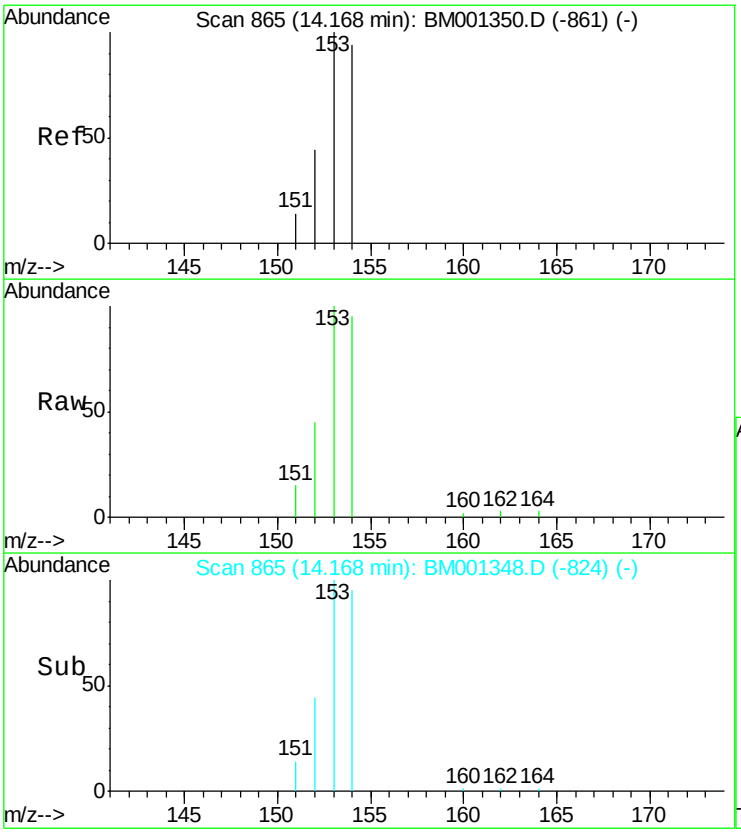
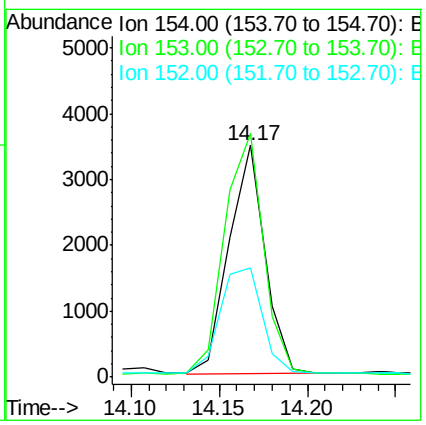
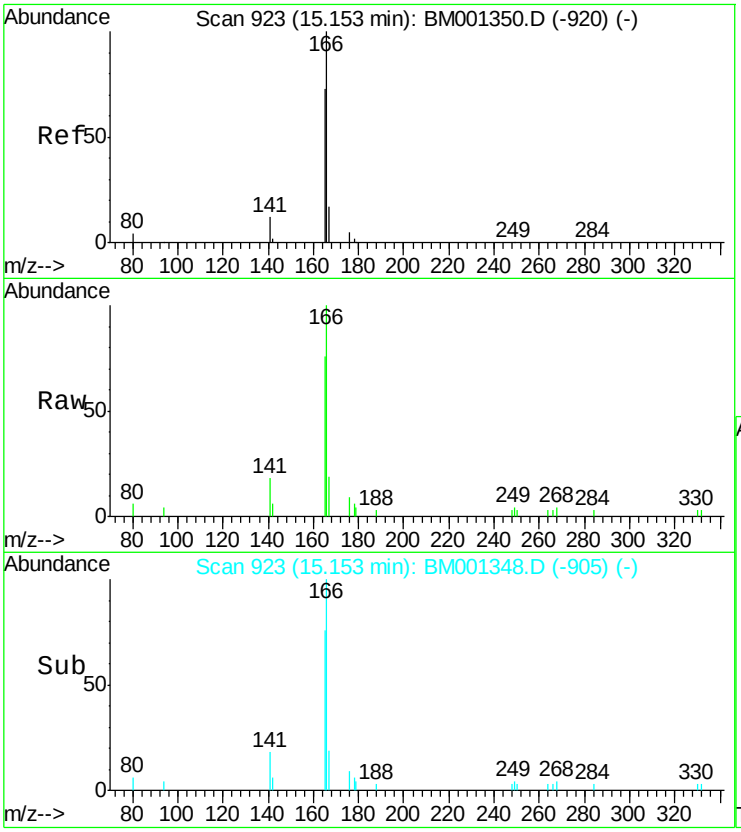


#16
Acenaphthene
Concen: 0.53 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:154 Resp: 4980

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.6	135.8
152	54.7	43.6	65.4

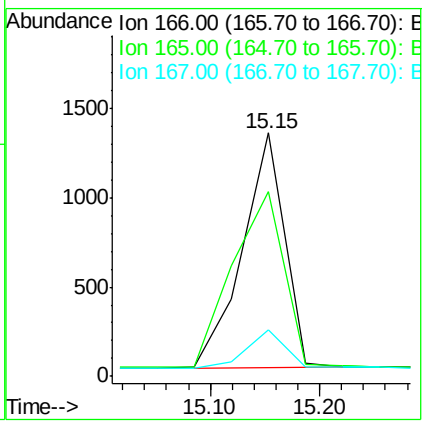




#17
Fluorene
Concen: 0.38 ng m
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:166 Resp: 3520

Ion	Ratio	Lower	Upper
166	100		
165	92.0	72.5	108.7
167	14.9	16.0	24.0#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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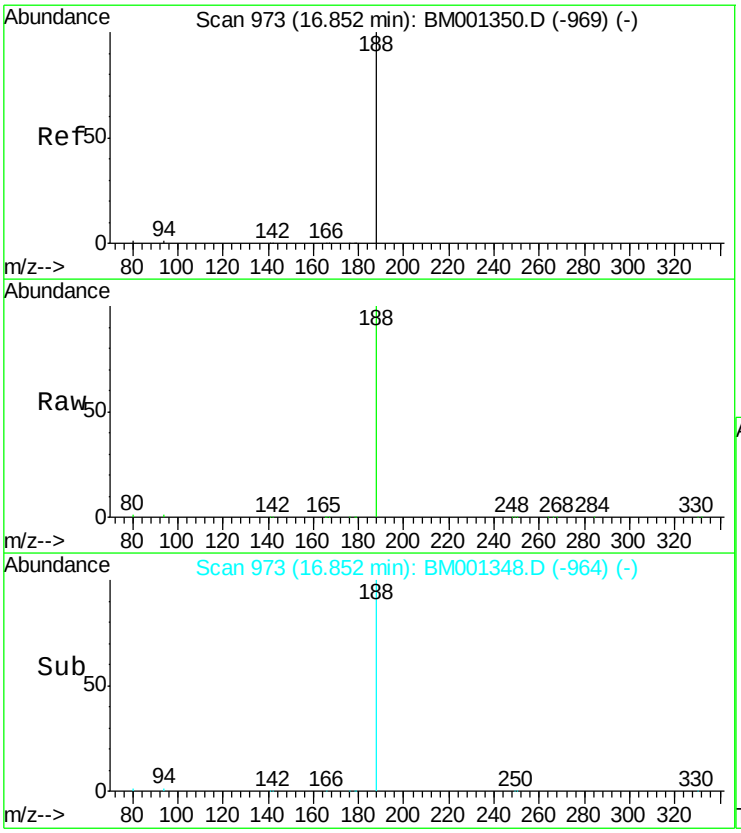
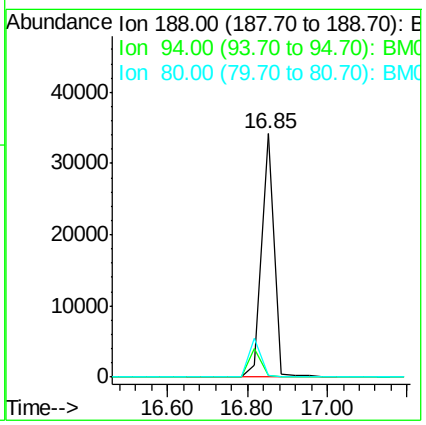
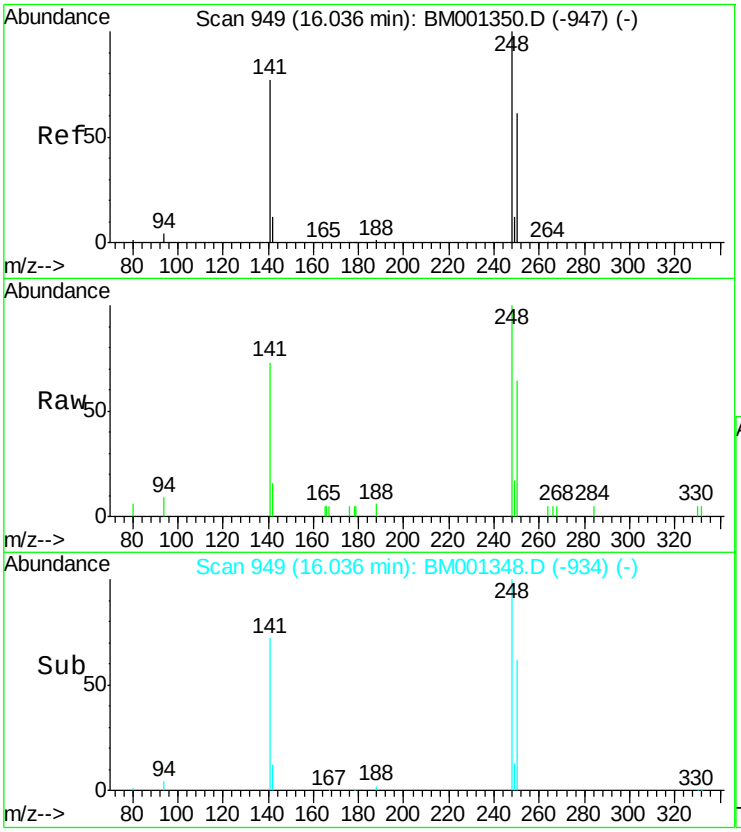


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:188 Resp: 74258

Ion	Ratio	Lower	Upper
188	100		
94	0.8	0.6	1.0
80	0.7	0.6	0.8

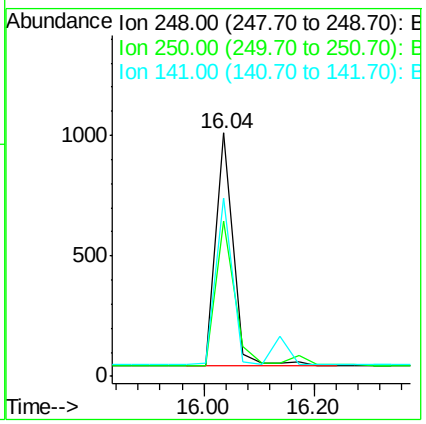




#19
4-Bromophenyl-phenylether
Concen: 0.79 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:248 Resp: 2126

Ion	Ratio	Lower	Upper
248	100		
250	66.0	51.5	77.3
141	68.4	59.0	88.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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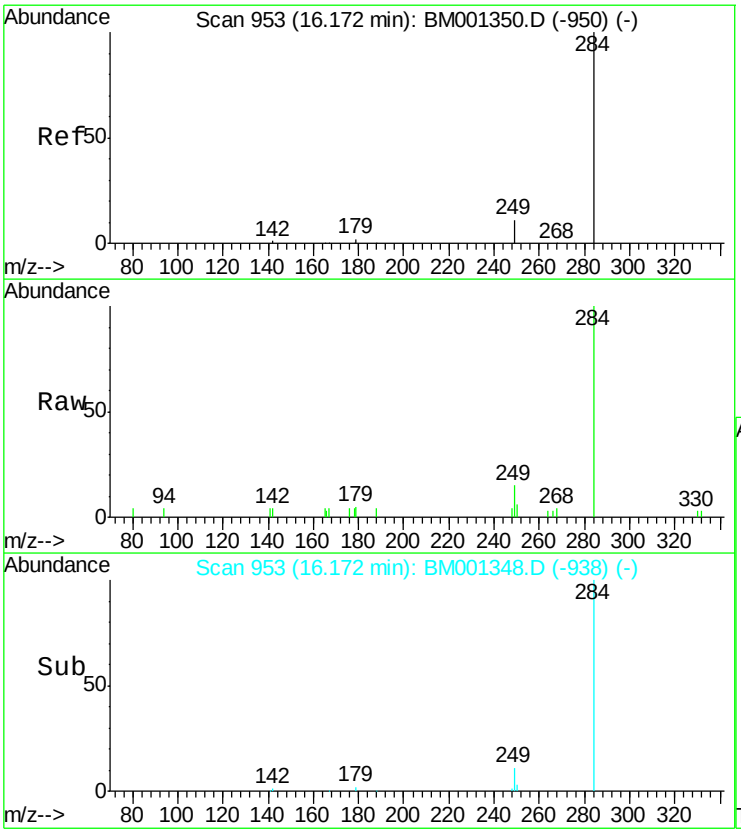
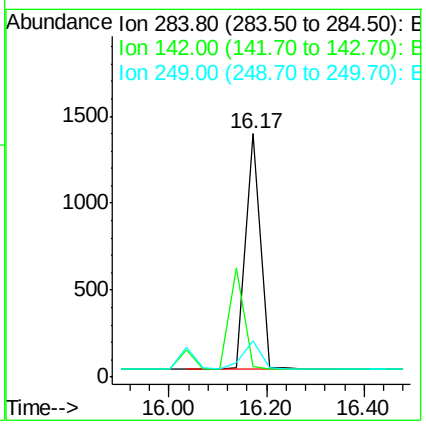
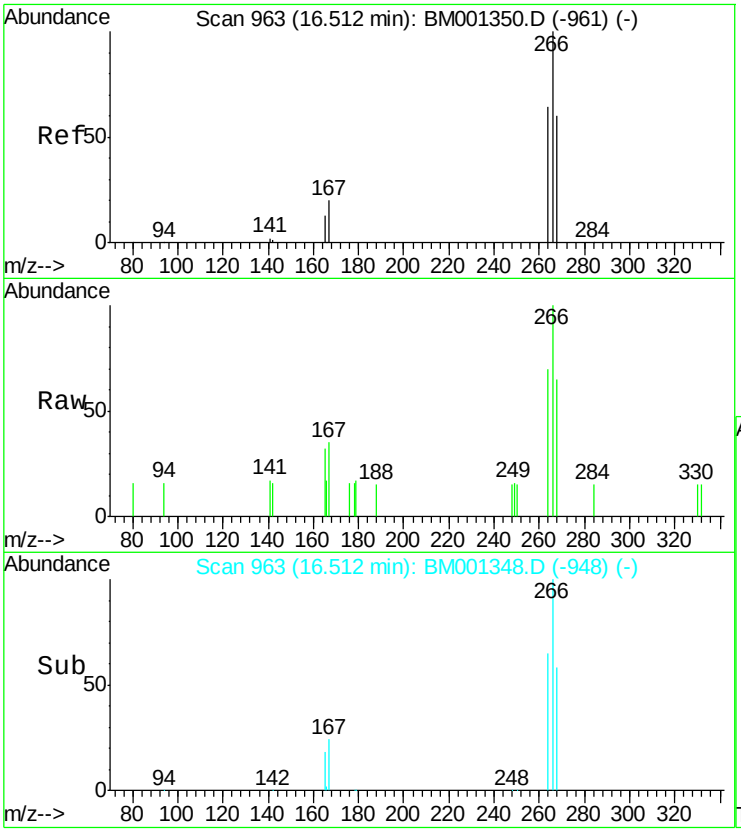


#20
Hexachlorobenzene
Concen: 0.58 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:284 Resp: 2815

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	14.4	11.1	16.7

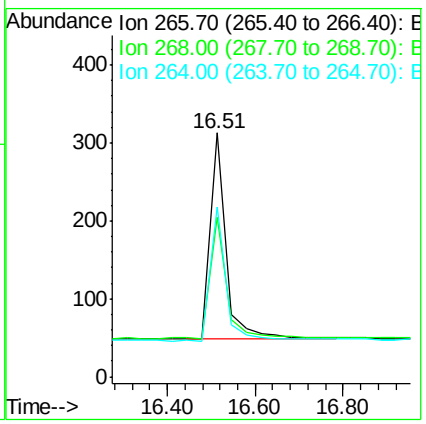




#21
Pentachlorophenol
Concen: 0.39 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:266 Resp: 677

Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.2	76.8
264	69.6	53.7	80.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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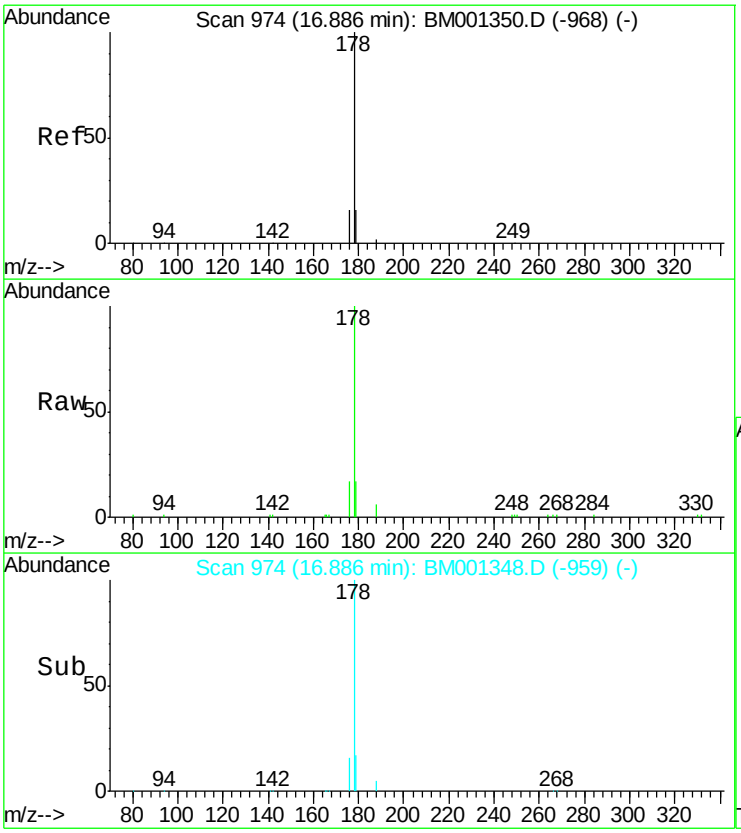
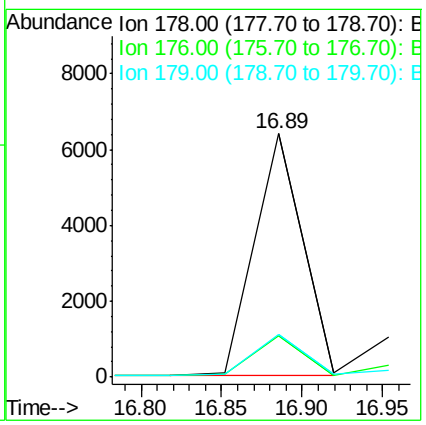
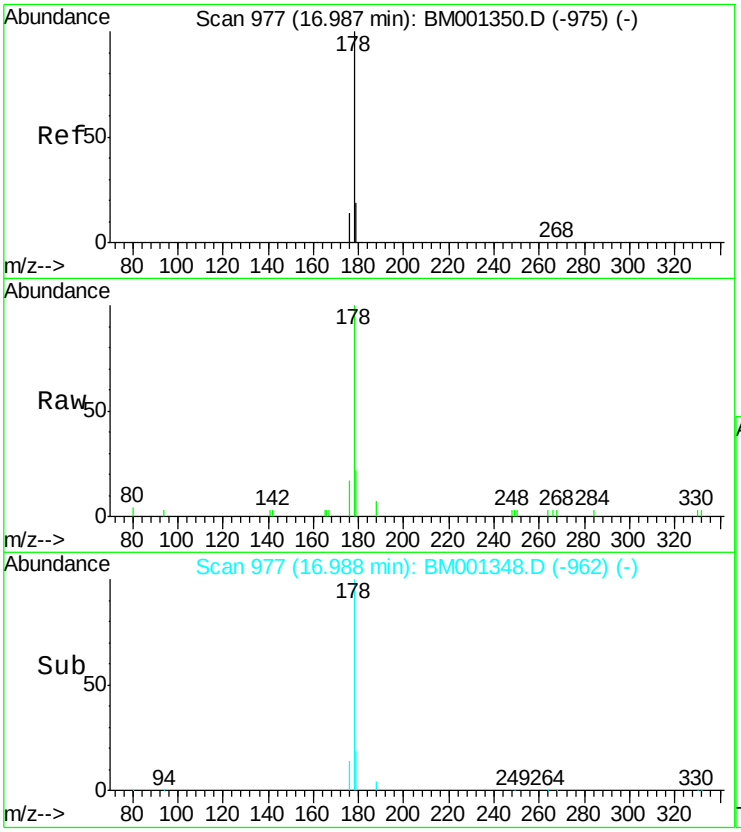


#22
Phenanthrene
Concen: 0.52 ng m
RT: 16.89 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:178 Resp: 13329

Ion	Ratio	Lower	Upper
178	100		
176	24.6	16.6	25.0
179	18.9	12.8	19.2

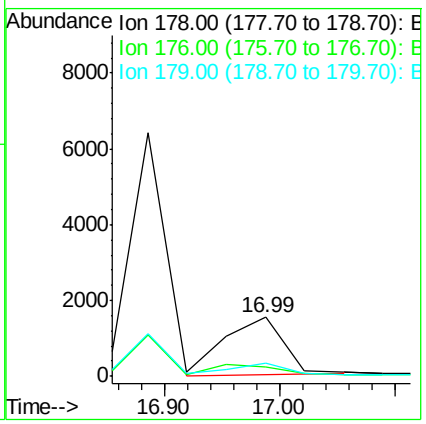




#23
Anthracene
Concen: 0.59 ng m
RT: 16.99 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:178 Resp: 5468

Ion	Ratio	Lower	Upper
178	100		
176	60.2	46.1	69.1
179	46.0	35.4	53.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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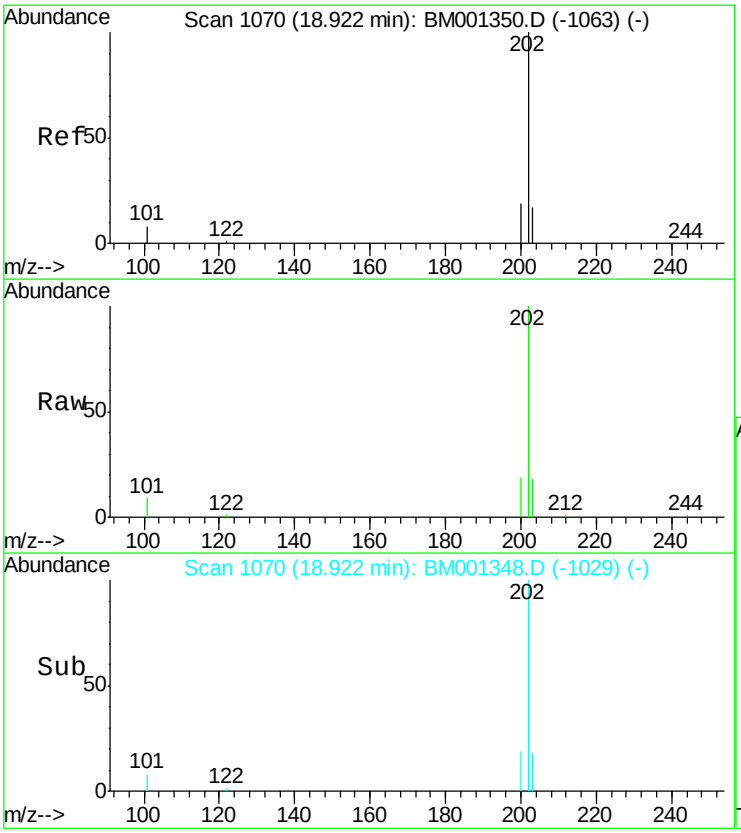
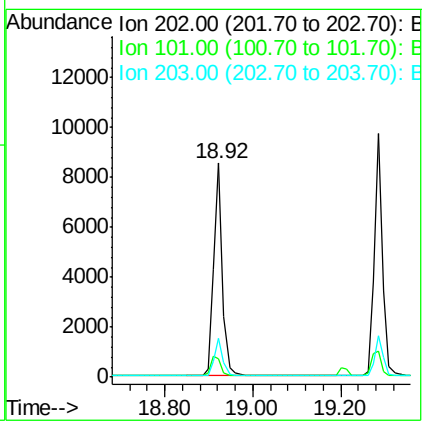
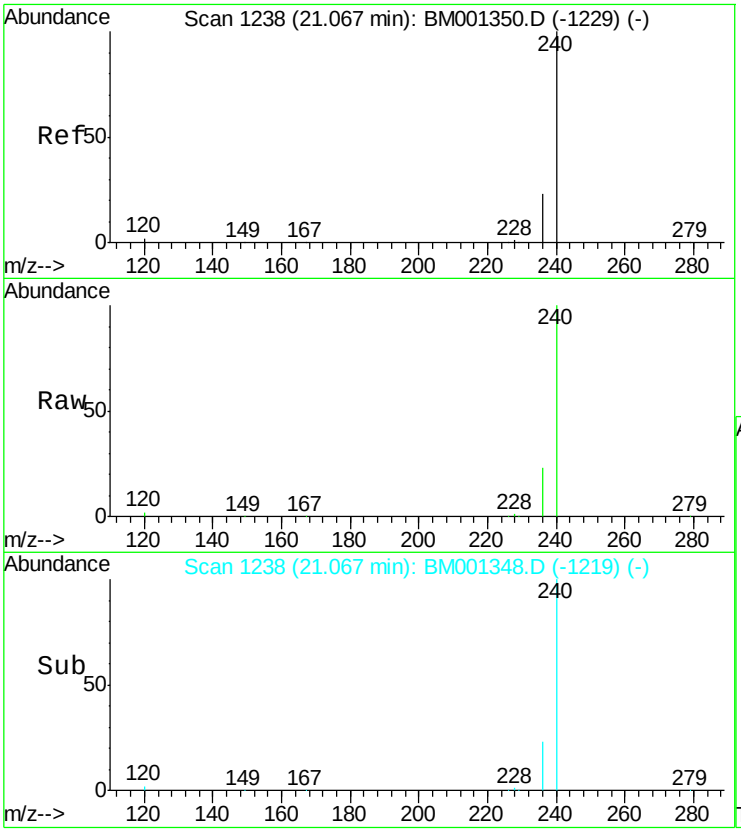


#24
Fluoranthene
Concen: 0.62 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:202 Resp: 11805

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
203	17.3	13.8	20.6

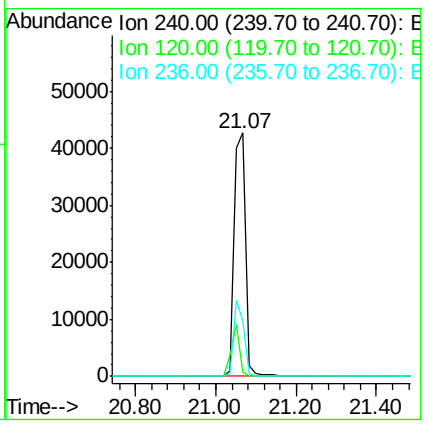




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:240 Resp: 80918

Ion	Ratio	Lower	Upper
240	100		
120	1.7	1.6	2.4
236	22.7	18.5	27.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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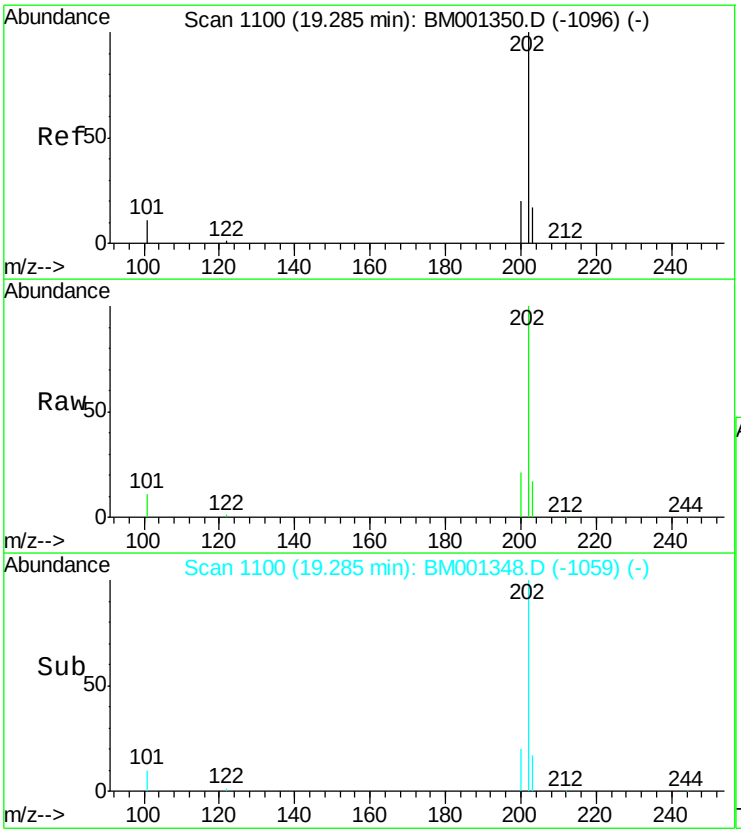
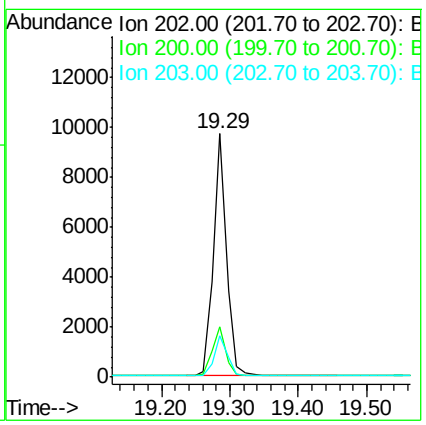
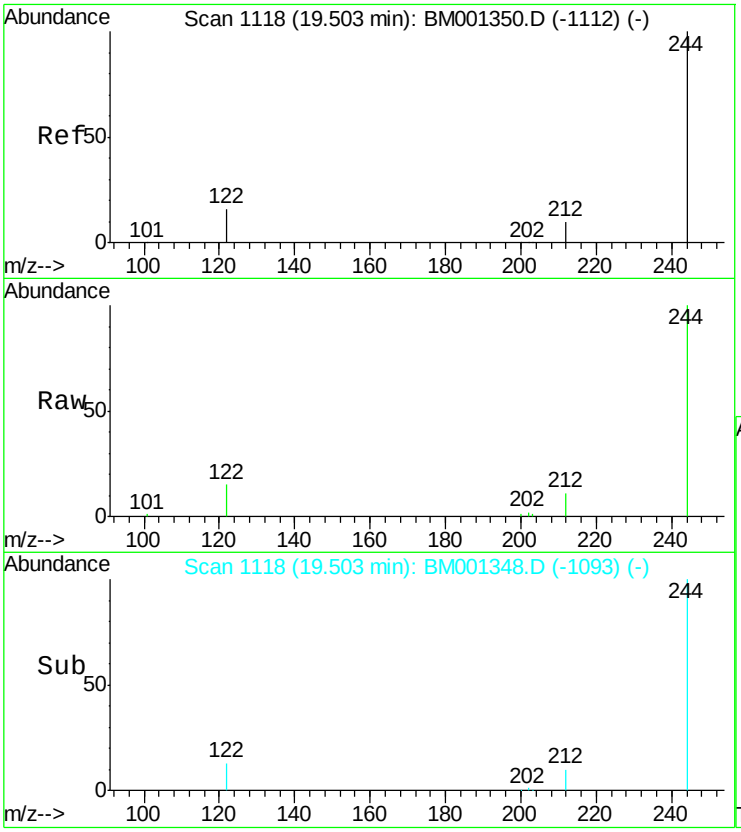


#26
Pyrene
Concen: 0.54 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:202 Resp: 12836

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.1	13.9	20.9

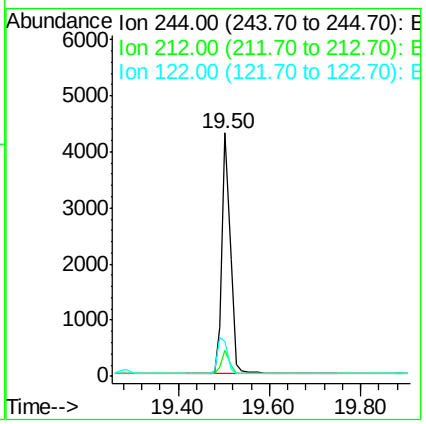




#27
Terphenyl-d14
Concen: 0.53 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:244 Resp: 5495

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.5	12.7
122	14.6	13.4	20.2



Instrument :
BNA_M
ClientSampleId :
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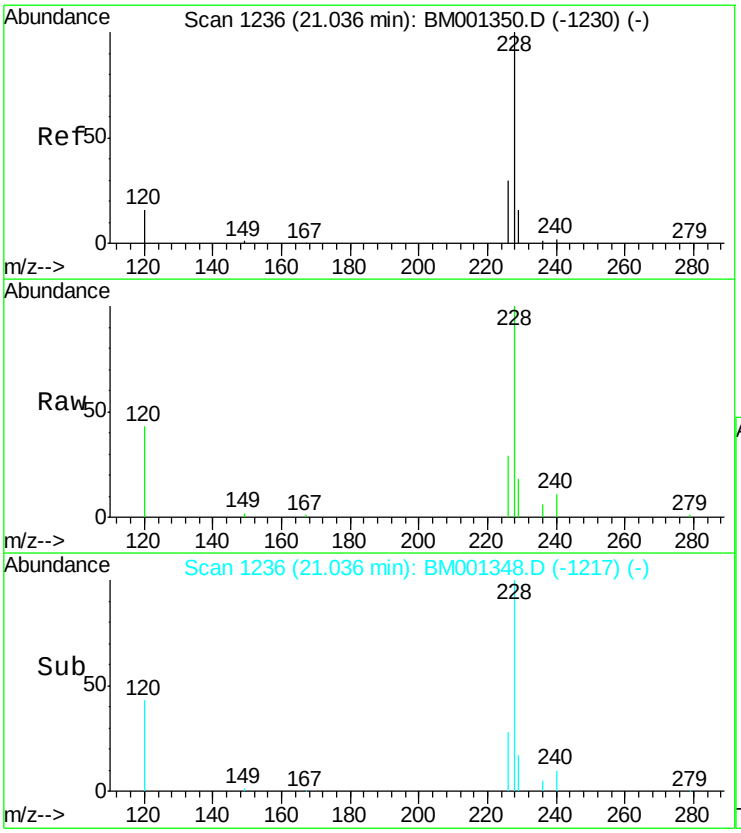
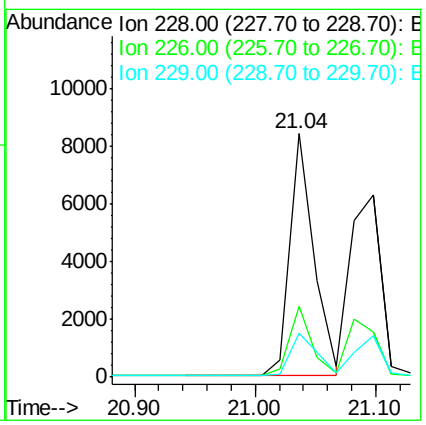
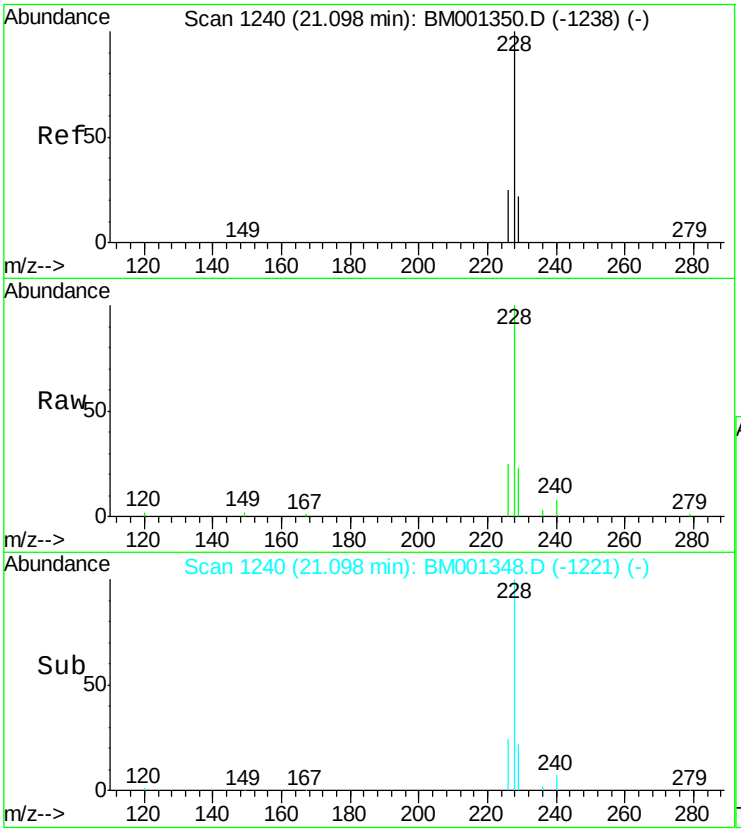


#28
Benzo(a)anthracene
Concen: 0.53 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:228 Resp: 11657

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.5	36.7
229	18.0	13.3	19.9

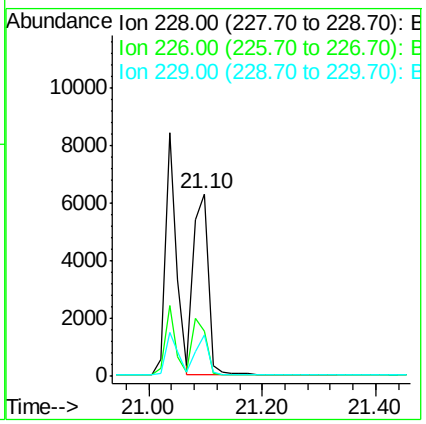




#29
Chrysene
Concen: 0.54 ng
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:228 Resp: 11409

Ion	Ratio	Lower	Upper
228	100		
226	24.5	20.0	30.0
229	22.7	17.6	26.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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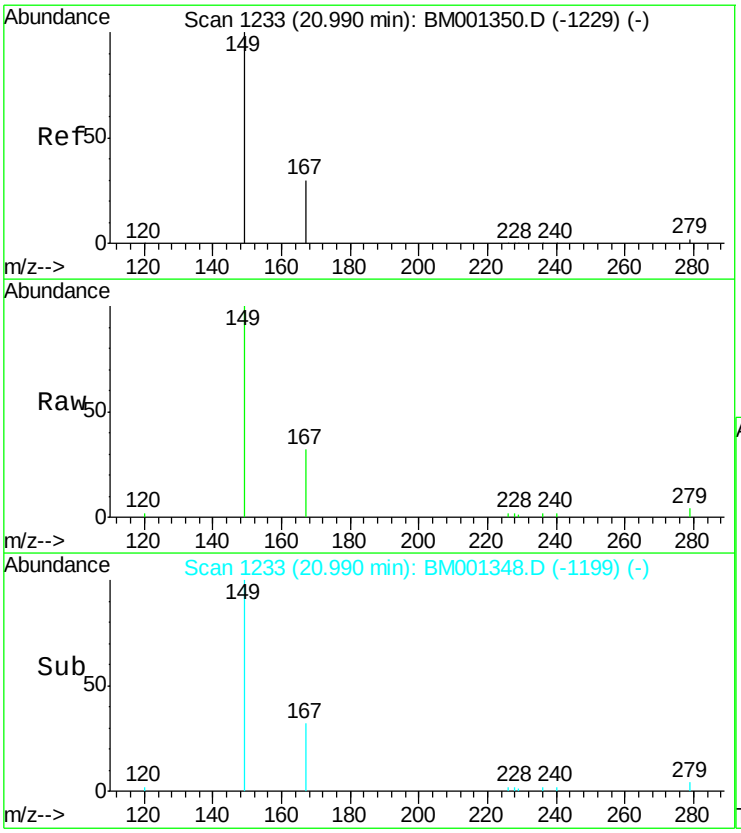
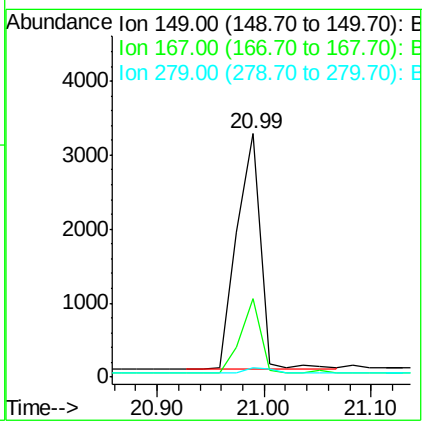
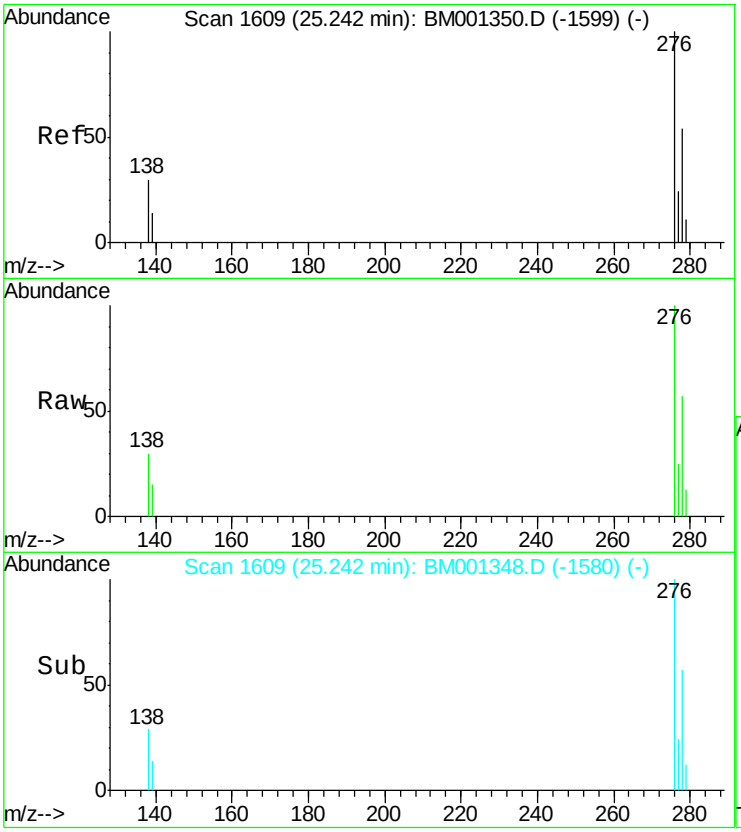


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:149 Resp: 4883

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	2.5	1.9	2.9

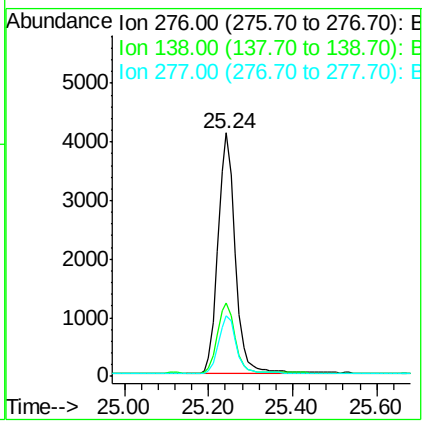




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:276 Resp: 11718

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	24.5	19.7	29.5



Instrument :
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ClientSampleId :
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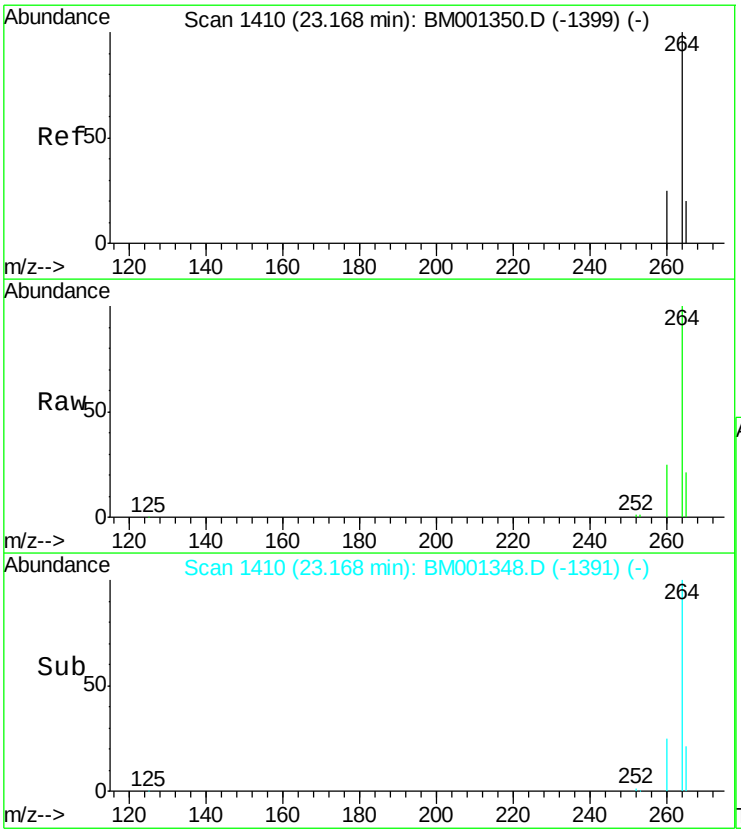
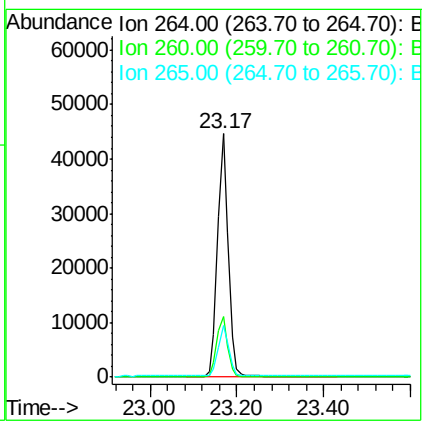
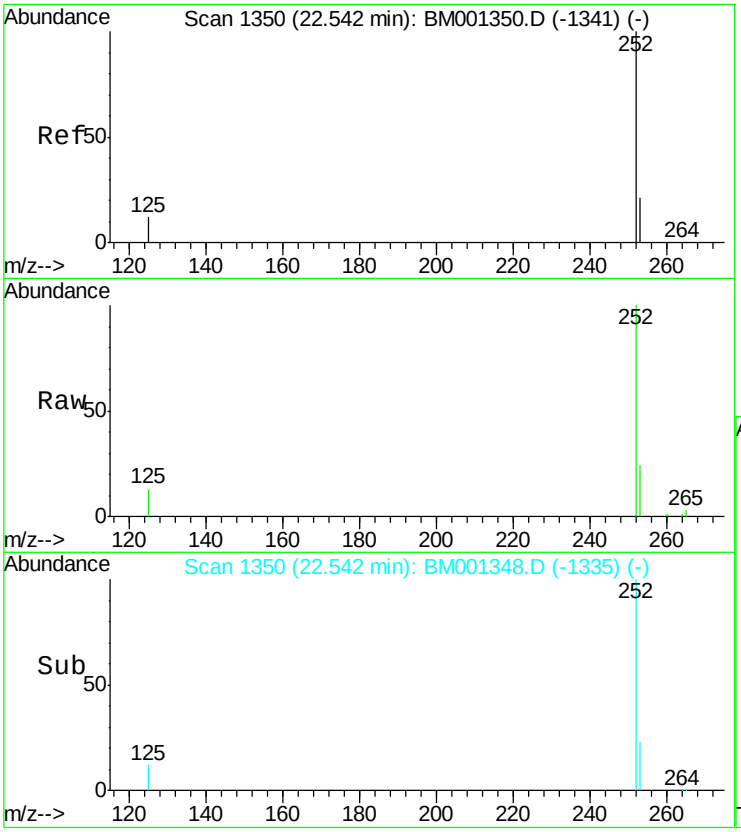


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:264 Resp: 75674

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	21.4	16.6	24.8

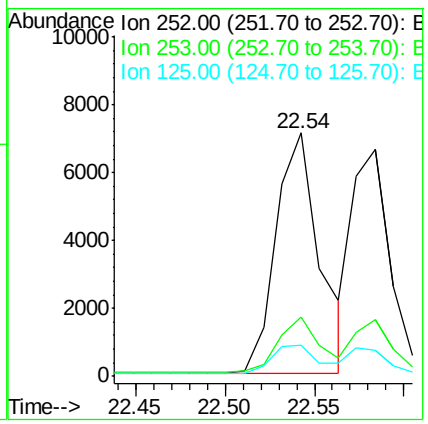




#33
Benzo(b)fluoranthene
Concen: 0.55 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:252 Resp: 12163

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	12.9	9.8	14.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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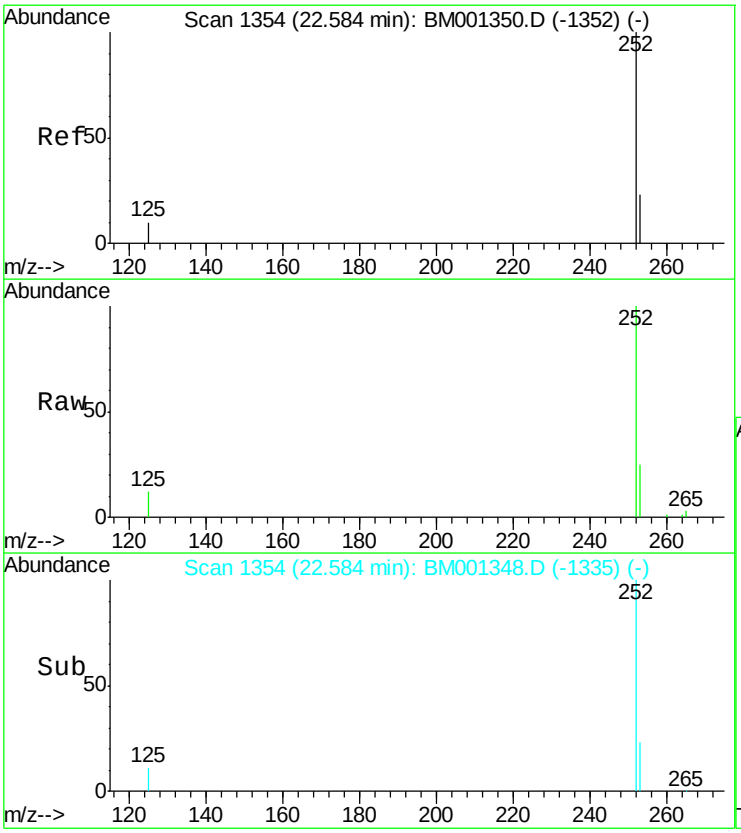
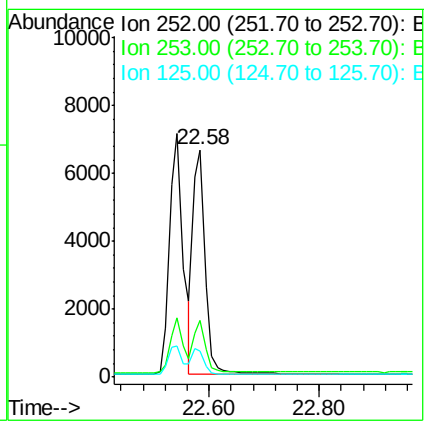
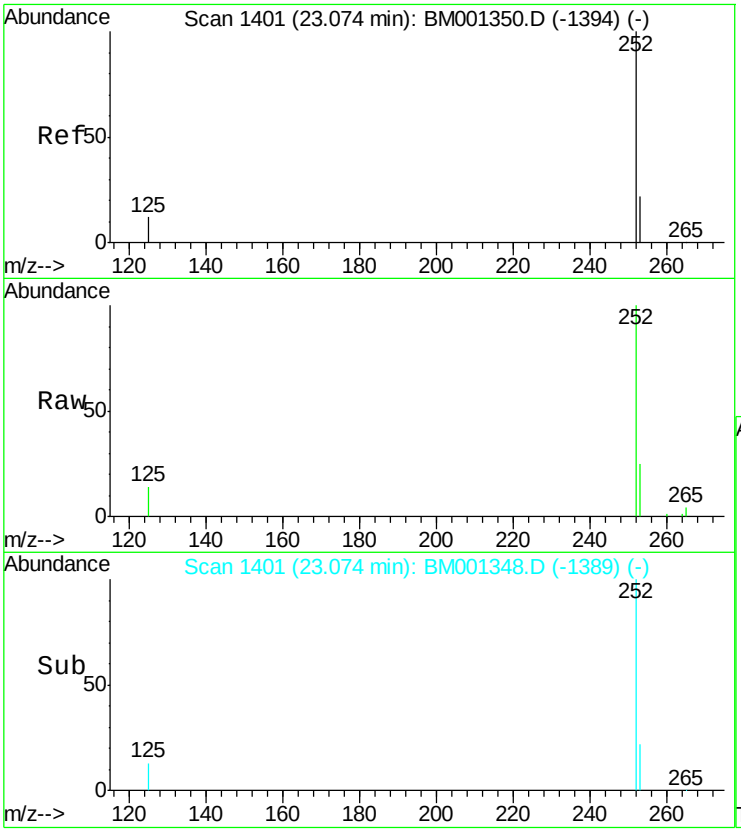


#34
Benzo(k)fluoranthene
Concen: 0.48 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:252 Resp: 10206

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.6	28.0
125	11.7	9.3	13.9

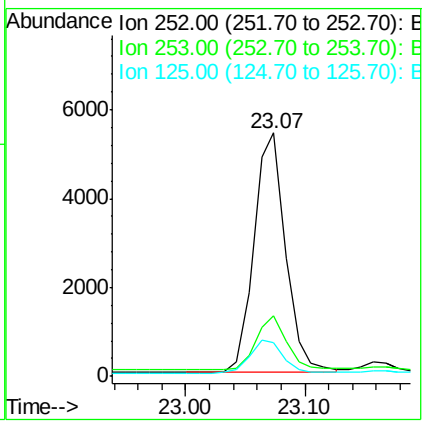




#35
Benzo(a)pyrene
Concen: 0.51 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:252 Resp: 9990

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	13.9	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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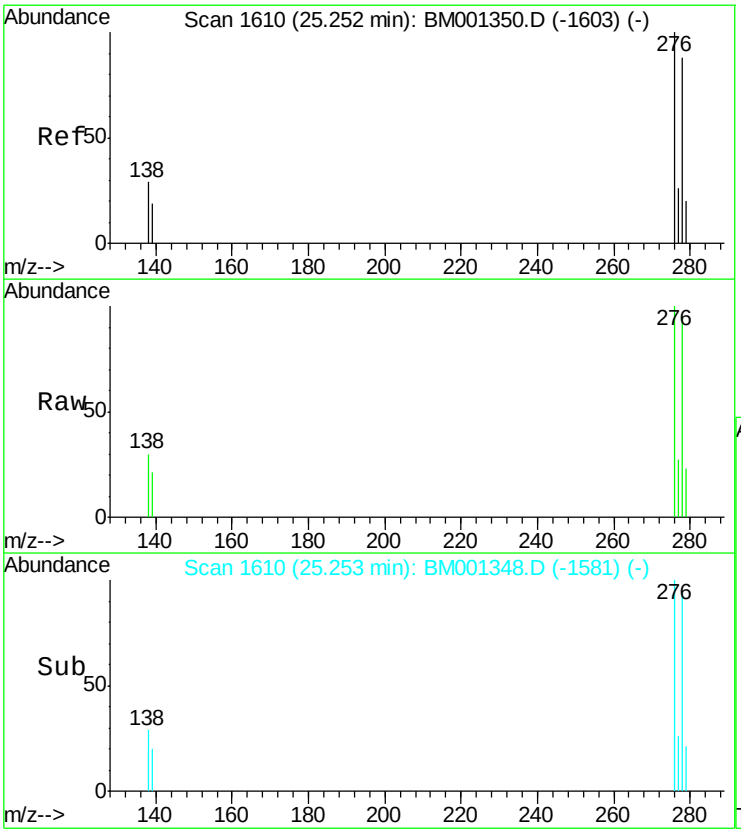
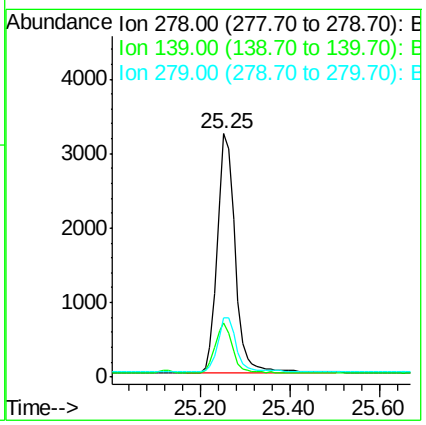
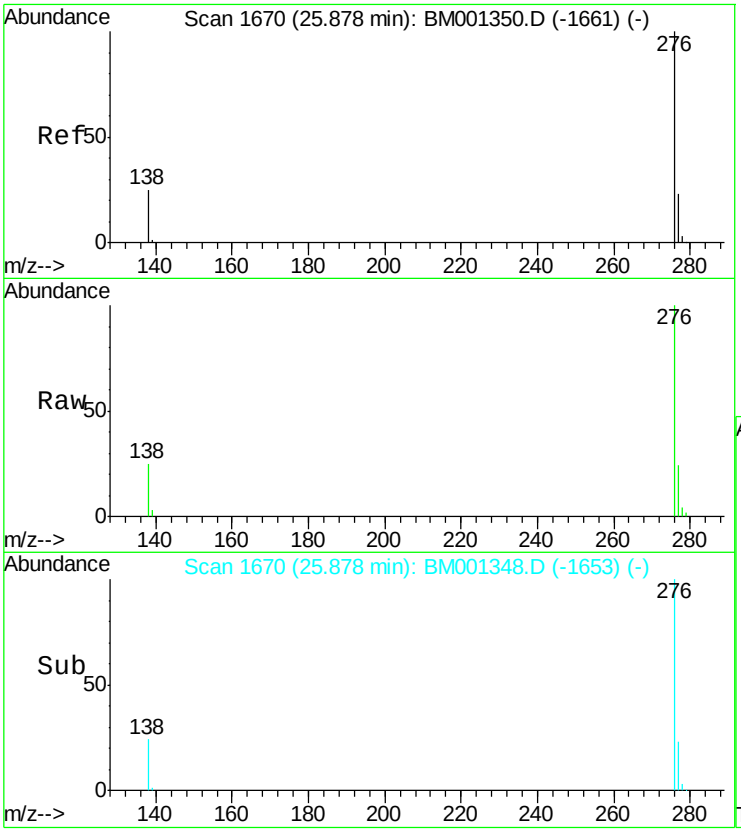


#36
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 25.25 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:278 Resp: 9062

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.5	26.3
279	24.4	18.7	28.1

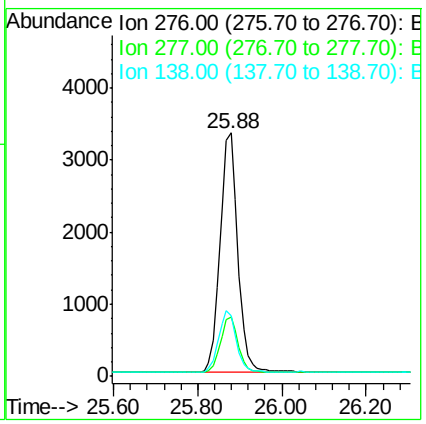




#37
Benzo(g,h,i)perylene
Concen: 0.50 ng
RT: 25.88 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM001348.D
Acq: 21 May 2015 06:49

Tgt Ion:276 Resp: 9831

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	24.9	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
apatel
5/21/2015 8:53:00 PM