Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001656.D
Acq On : 12 Jun 2015 00:00
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Manual Integrations APPROVED
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6/15/2015 12:41:34 PM

Quant Time: Jun 12 02:18:34 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	18457	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	66382	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	33239	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	44011	5.00	ng		0.00
25) Chrysene-d12	21.27	240	58469	5.00	ng		0.00
32) Perylene-d12	23.50	264	46683	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	885	0.21	ng		0.00
5) Phenol-d6	6.84	99	1091	0.21	ng		0.00
7) Nitrobenzene-d5	8.85	82	1001	0.21	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	232	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.96	172	2460	0.23	ng		0.00
27) Terphenyl-d14	19.72	244	1804	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	559	0.27	ng		86
3) n-Nitrosodimethylamine	3.52	42	637	0.22	ng	#	92
8) Nitrobenzene	8.89	77	1064	0.21	ng		100
9) Naphthalene	10.52	128	3412	0.23	ng		94
10) Hexachlorobutadiene	10.80	225	579	0.23	ng		98
11) 2-Methylnaphthalene	12.15	142	2171	0.24	ng		96
15) Acenaphthylene	14.06	152	2995	0.20	ng		99
16) Acenaphthene	14.40	154	2072	0.22	ng		100
17) Fluorene	15.36	166	2058	0.30	ng		99
19) 4-Bromophenyl-phenylether	16.27	248	827	0.20	ng	#	98
20) Hexachlorobenzene	16.38	284	811	0.32	ng		96
21) Pentachlorophenol	16.72	266	137	0.17	ng	#	77
22) Phenanthrene	17.12	178	3022	0.20	ng	#	99
23) Anthracene	17.19	178	3316m	0.31	ng		
24) Fluoranthene	19.14	202	4113	0.23	ng		99
26) Pyrene	19.50	202	4161	0.22	ng		100
28) Benzo(a)anthracene	21.25	228	3873	0.22	ng		98
29) Chrysene	21.30	228	3713	0.23	ng		97
30) Bis(2-ethylhexyl)phthalate	21.18	149	2283	0.23	ng		98
31) Indeno(1,2,3-cd)pyrene	25.75	276	2810	0.18	ng		99
33) Benzo(b)fluoranthene	22.82	252	3098	0.22	ng	#	92
34) Benzo(k)fluoranthene	22.87	252	3026	0.22	ng	#	90
35) Benzo(a)pyrene	23.40	252	2514	0.20	ng	#	89
36) Dibenzo(a,h)anthracene	25.77	278	2184	0.20	ng	#	88
37) Benzo(g,h,i)perylene	26.44	276	2432	0.20	ng		91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001656.D
Acq On : 12 Jun 2015 00:00
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 12 02:18:34 2015
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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 :
SSTDICC0.2

Manual Integrations APPROVED
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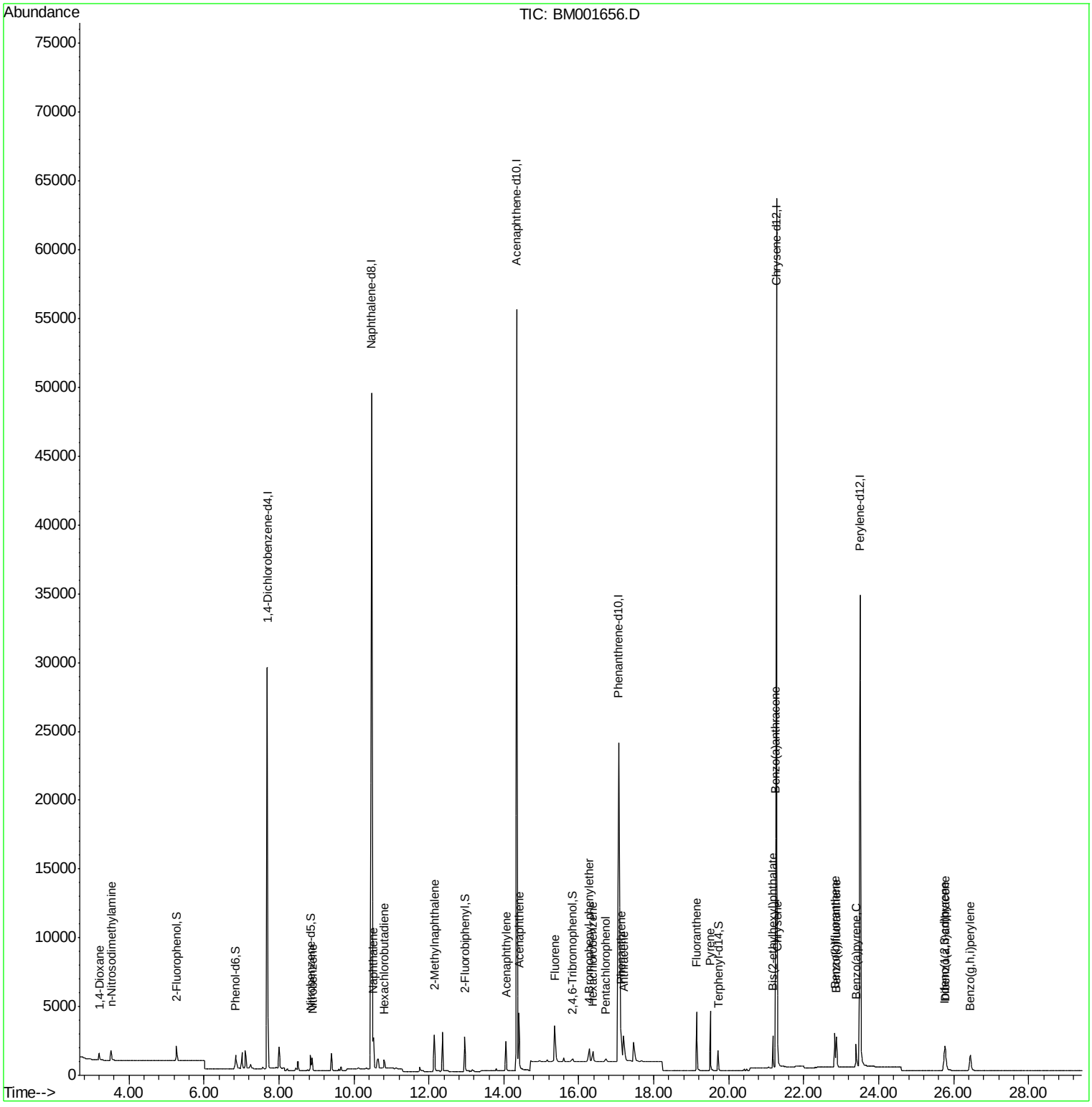
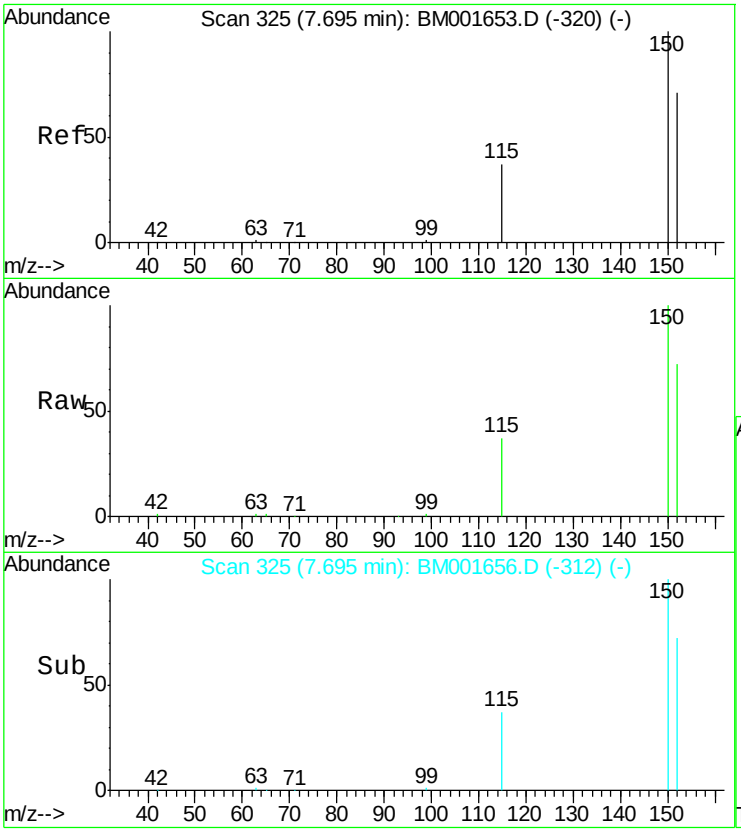
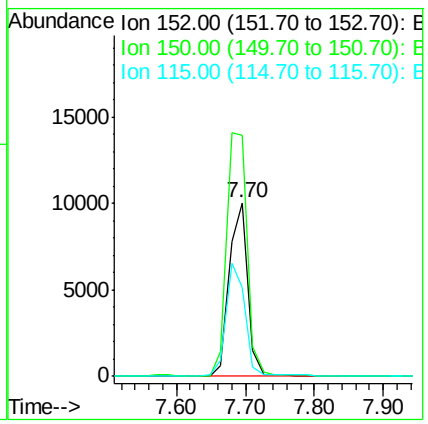




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:152 Resp: 18457

Ion	Ratio	Lower	Upper
152	100		
150	138.8	112.2	168.2
115	51.1	41.7	62.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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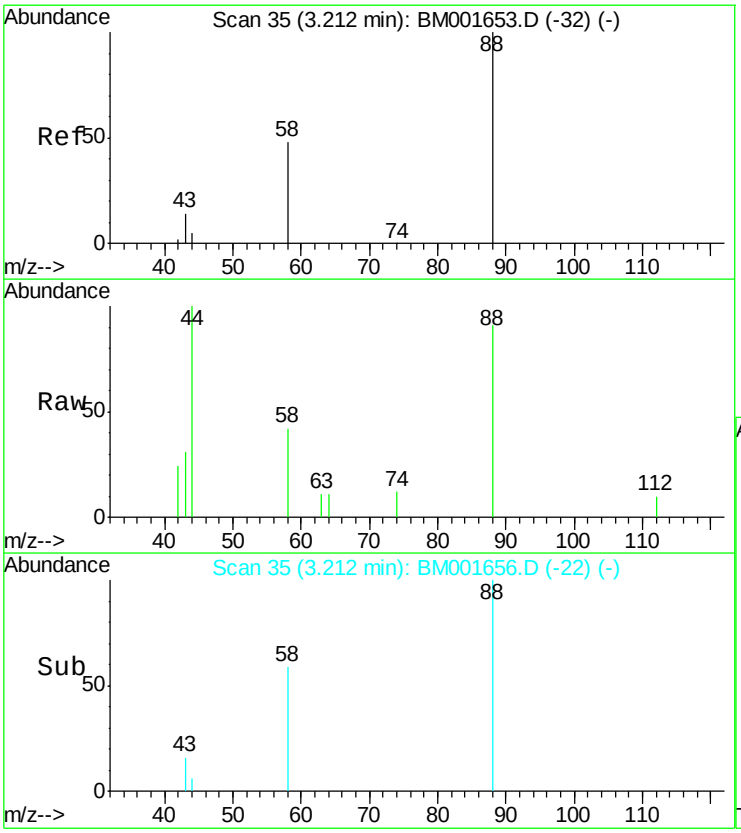
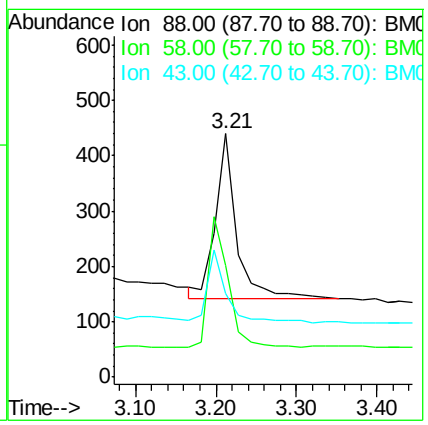
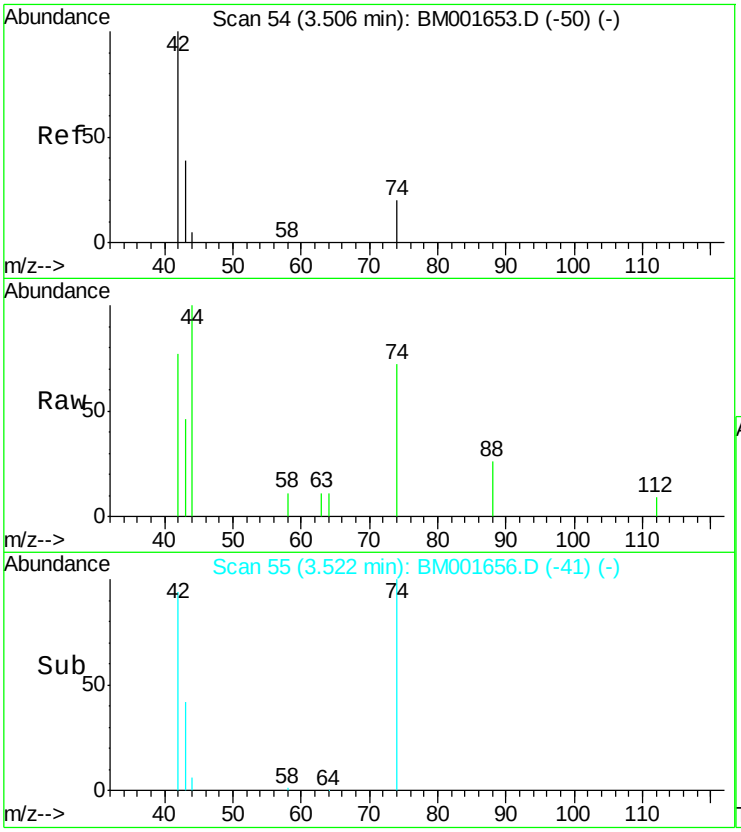


#2
1,4-Dioxane
Concen: 0.27 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion: 88 Resp: 559

Ion	Ratio	Lower	Upper
88	100		
58	71.9	70.5	105.7
43	36.7	33.3	49.9

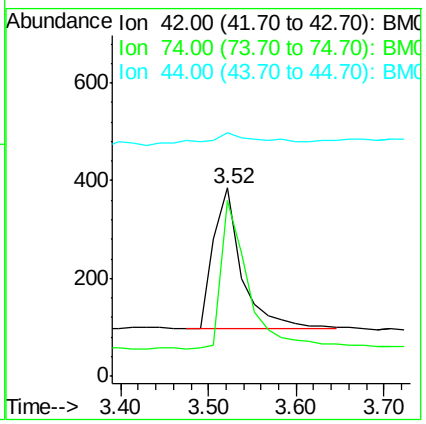




#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion: 42 Resp: 637

Ion	Ratio	Lower	Upper
42	100		
74	100.6	75.7	113.5
44	17.7	6.7	10.1#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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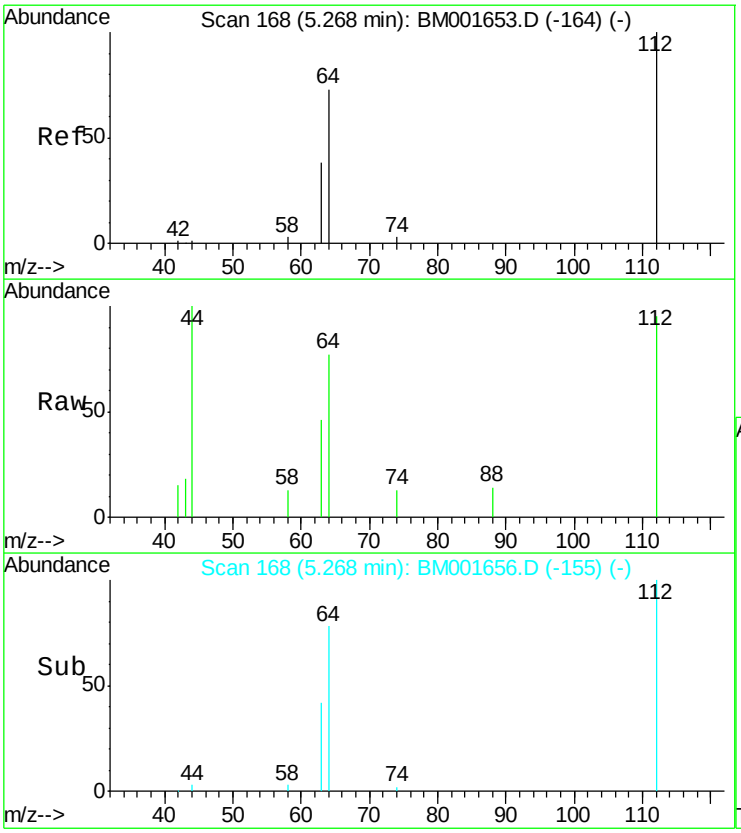
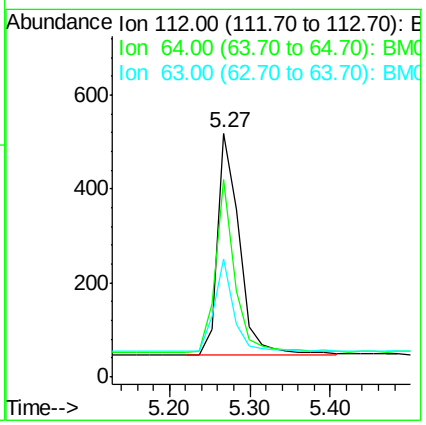
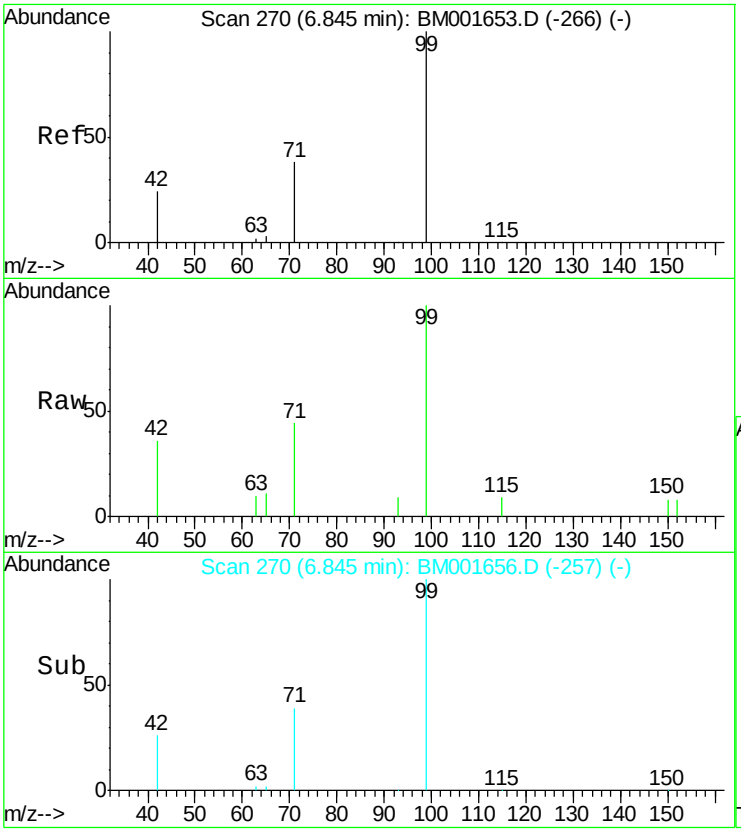


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:112 Resp: 885

Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.5	83.3
63	38.0	29.9	44.9

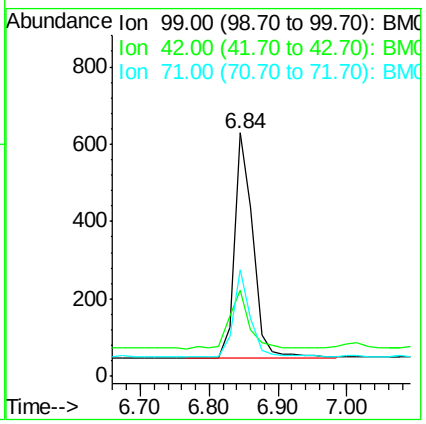




#5
Phenol-d6
Concen: 0.21 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion: 99 Resp: 1091

Ion	Ratio	Lower	Upper
99	100		
42	28.0	21.6	32.4
71	35.2	28.7	43.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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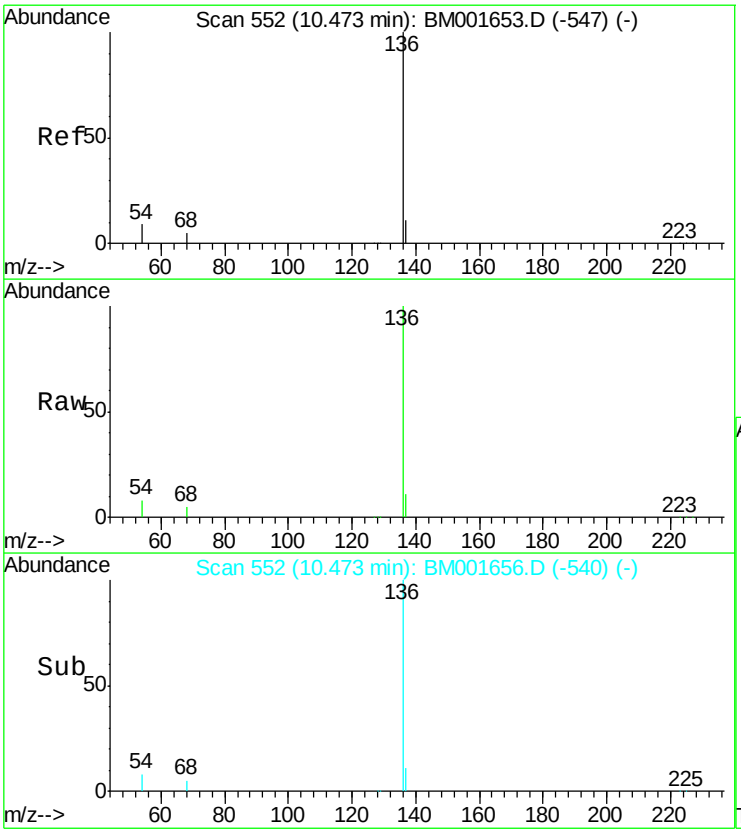
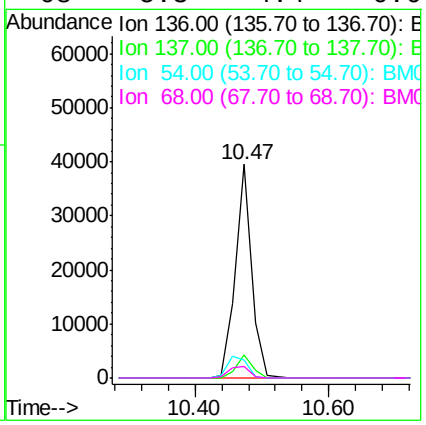
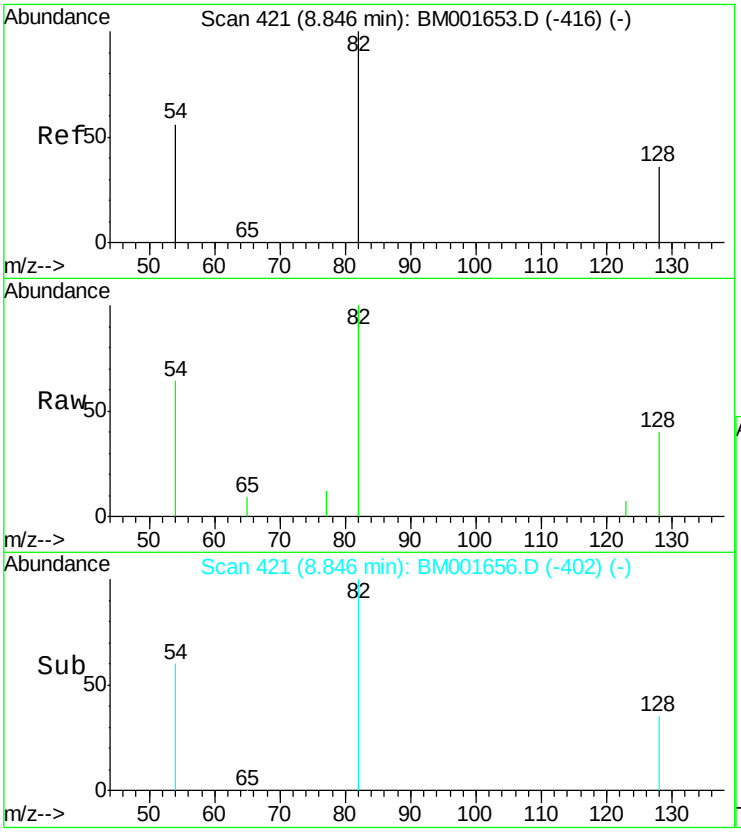


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:136 Resp: 66382

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	6.9	10.3
68	5.3	4.4	6.6

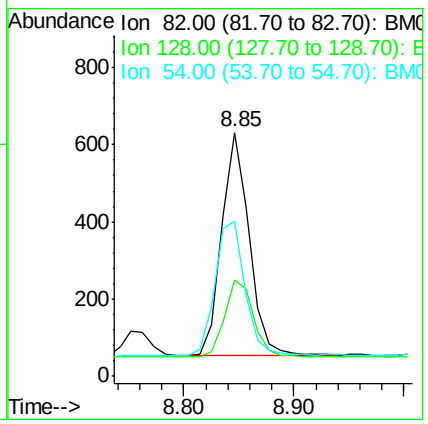




#7
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion: 82 Resp: 1001

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.7	44.5
54	63.5	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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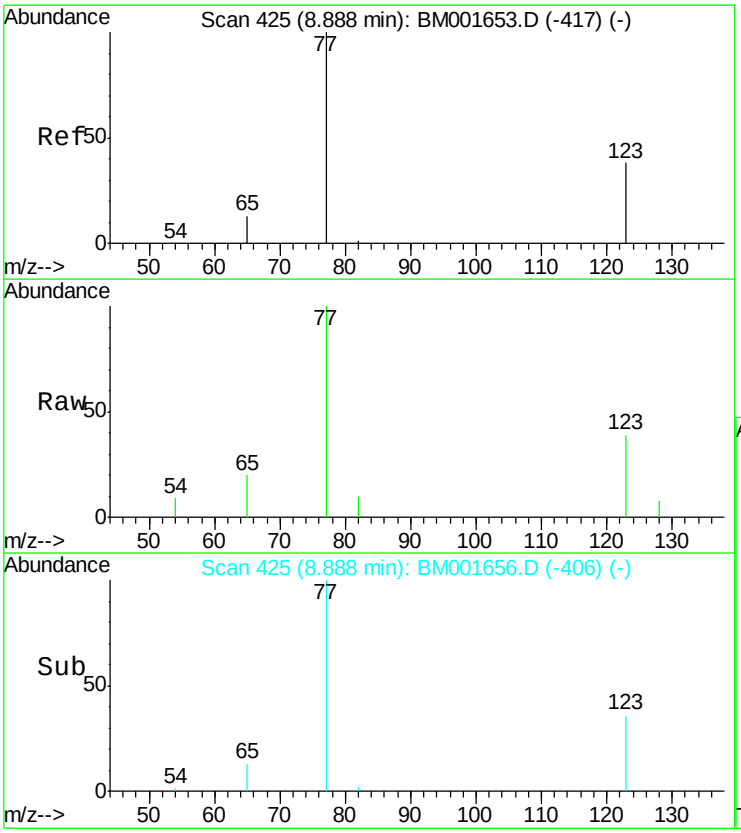
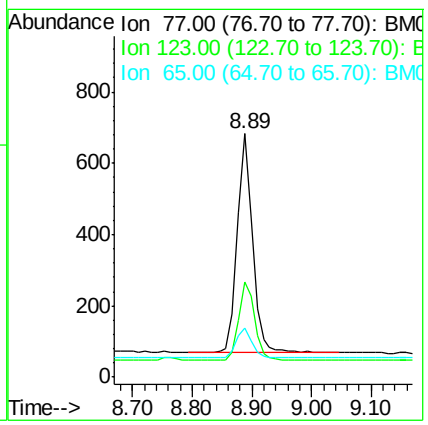
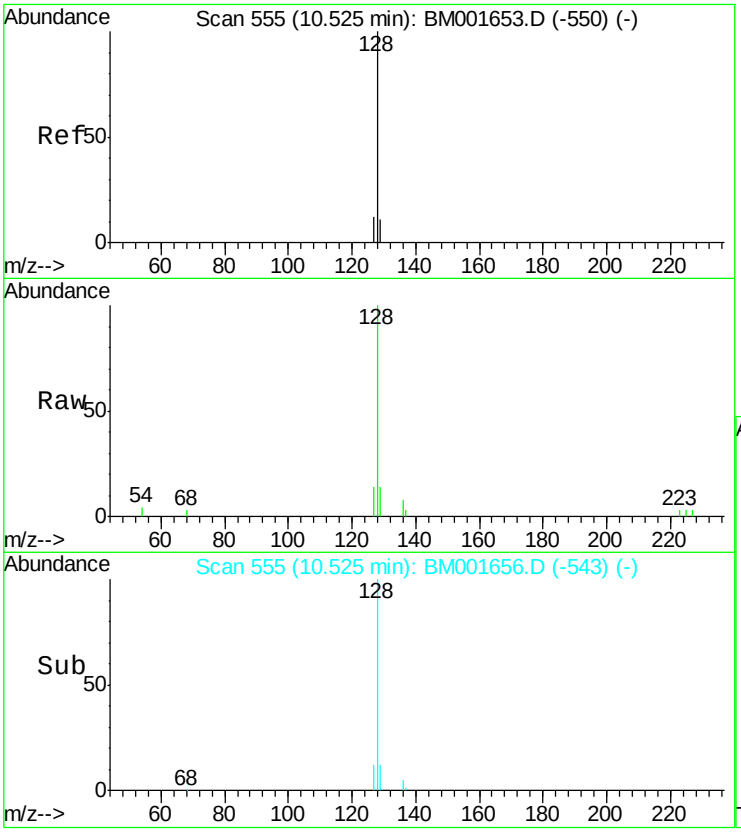


#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion: 77 Resp: 1064

Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.3	45.5
65	13.9	11.2	16.8

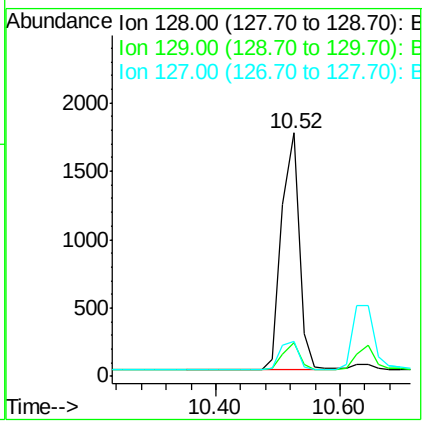




#9
Naphthalene
Concen: 0.23 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:128 Resp: 3412

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.2
127	14.3	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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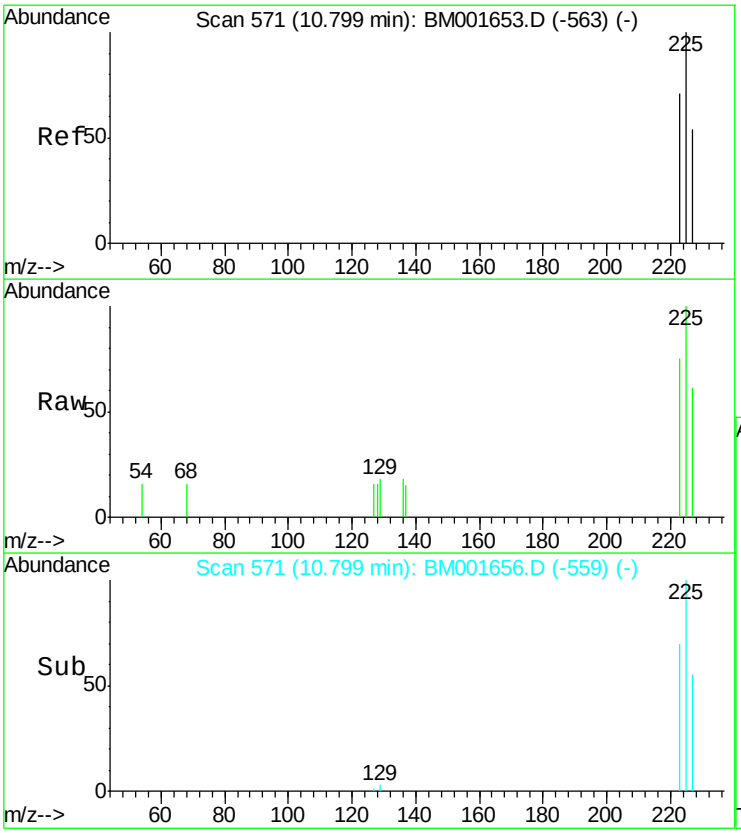
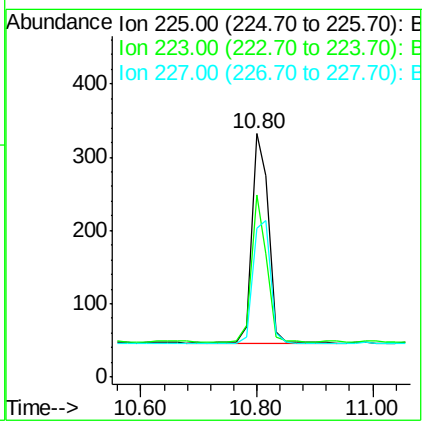
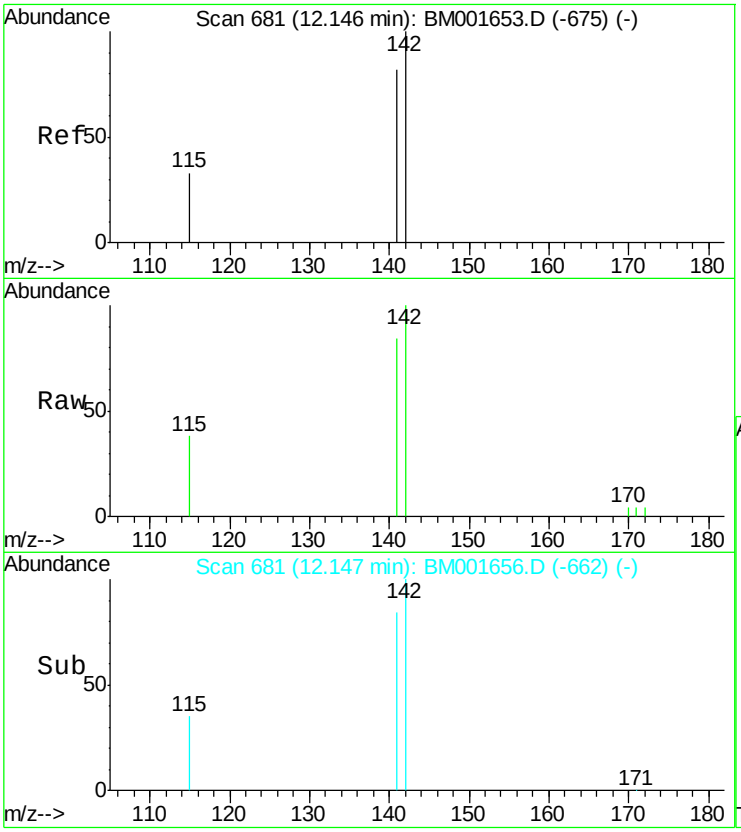


#10
Hexachlorobutadiene
Concen: 0.23 ng
RT: 10.80 min Scan# 571
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:225 Resp: 579

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	61.8	51.2	76.8

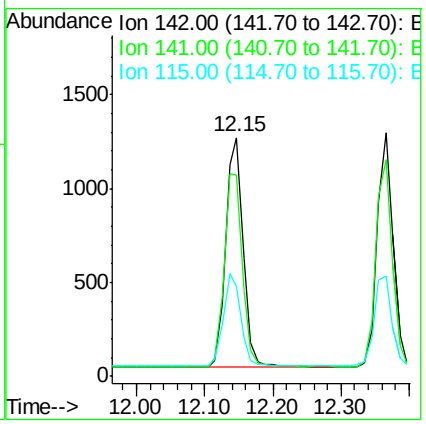




#11
2-Methylnaphthalene
Concen: 0.24 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:142 Resp: 2171

Ion	Ratio	Lower	Upper
142	100		
141	84.2	65.8	98.6
115	37.7	27.0	40.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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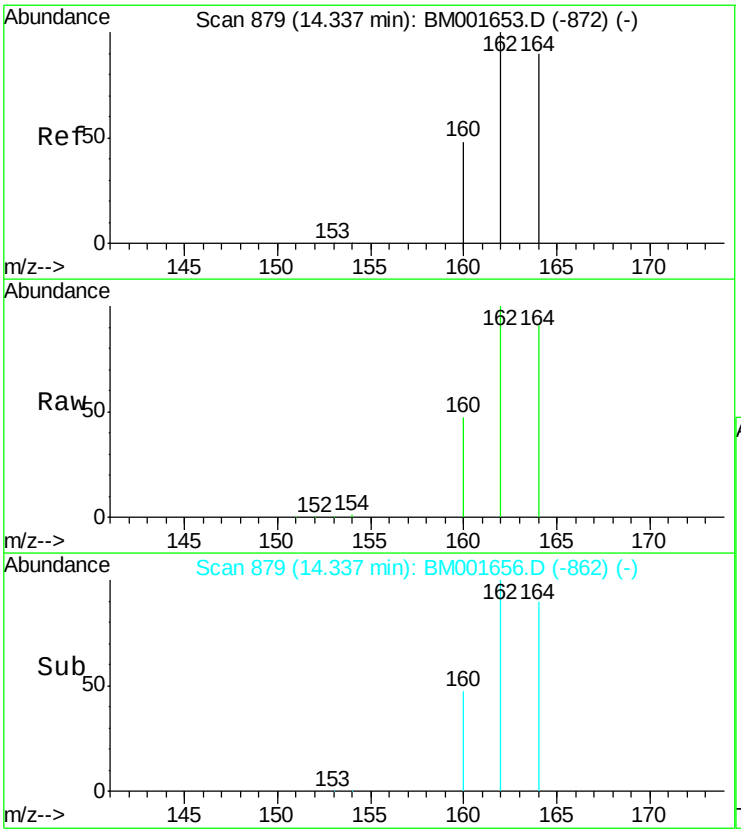
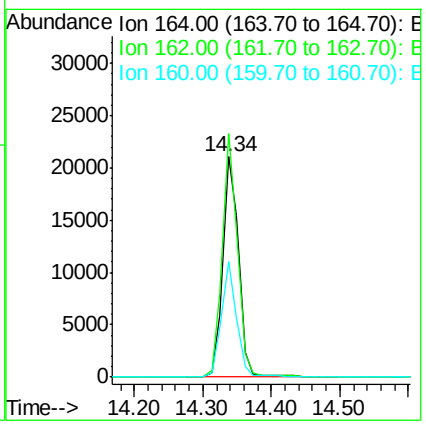
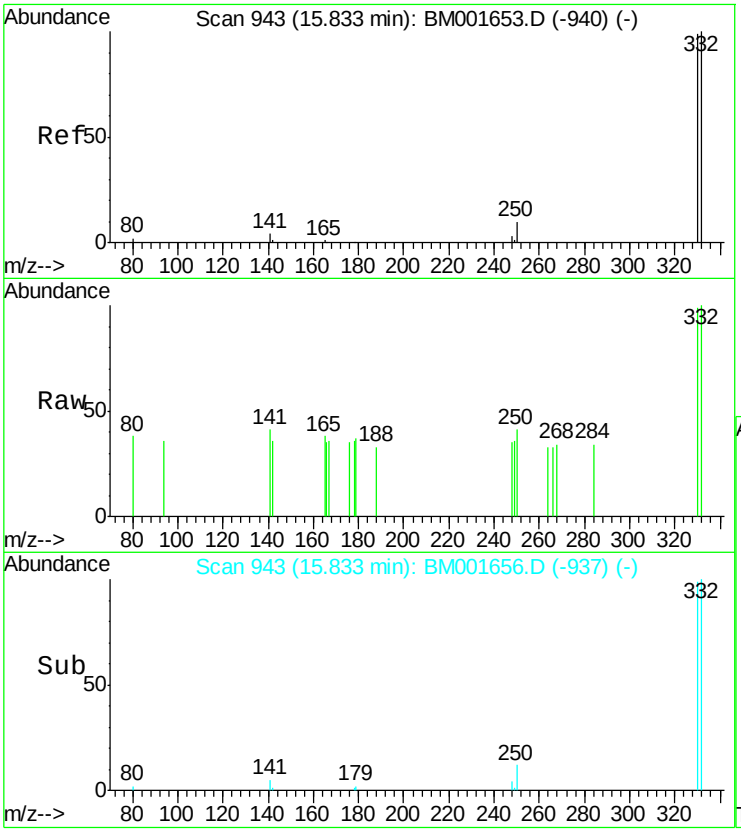


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:164 Resp: 33239

Ion	Ratio	Lower	Upper
164	100		
162	110.5	89.0	133.4
160	52.3	42.6	63.8

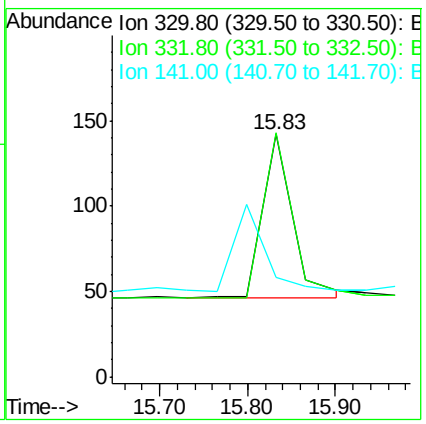




#13
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.83 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:330 Resp: 232

Ion	Ratio	Lower	Upper
330	100		
332	99.1	80.6	120.8
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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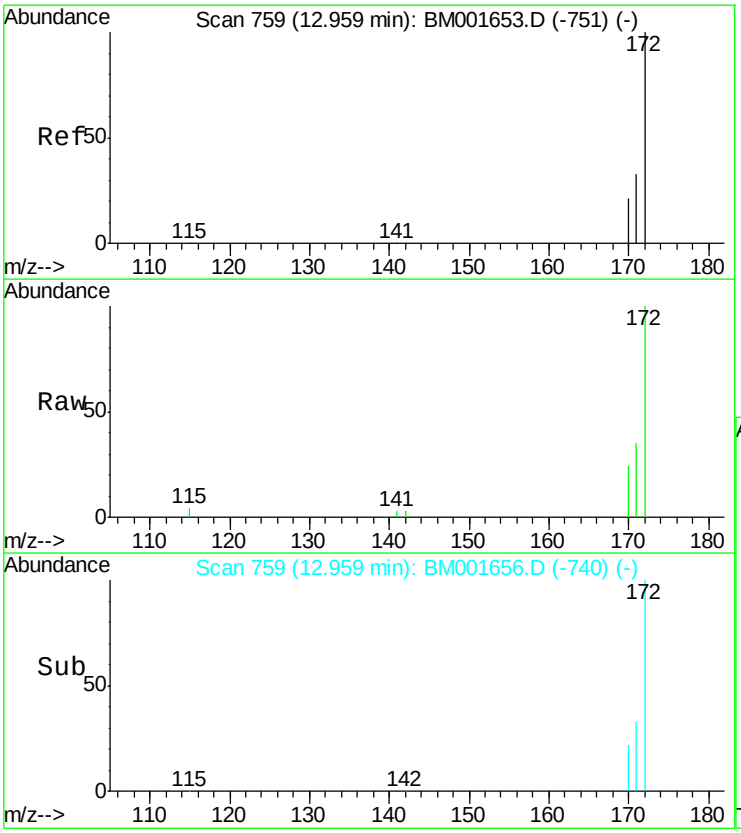
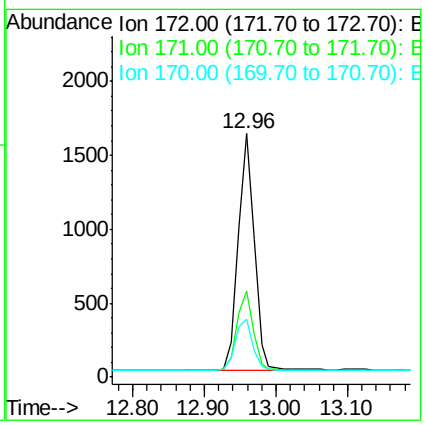
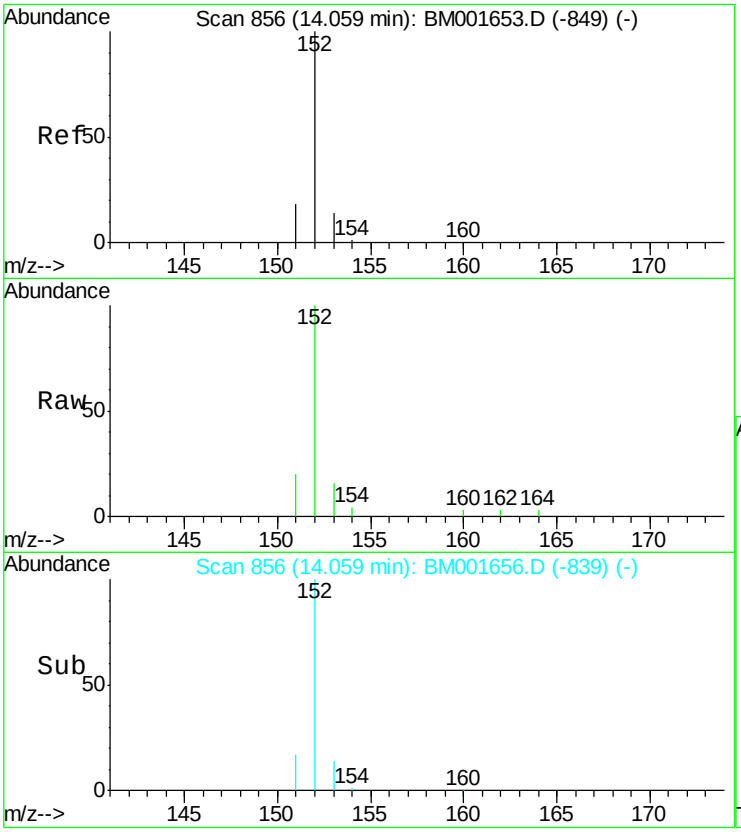


#14
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.96 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:172 Resp: 2460

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.6	40.0
170	23.9	17.1	25.7

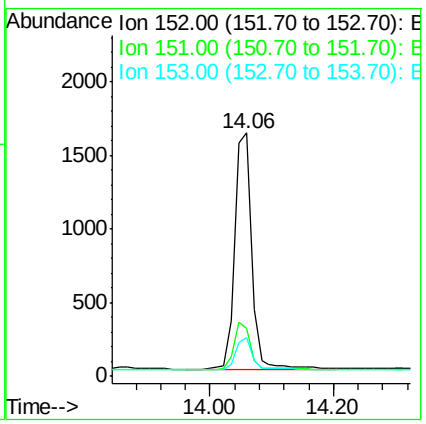




#15
Acenaphthylene
Concen: 0.20 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:152 Resp: 2995

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	13.0	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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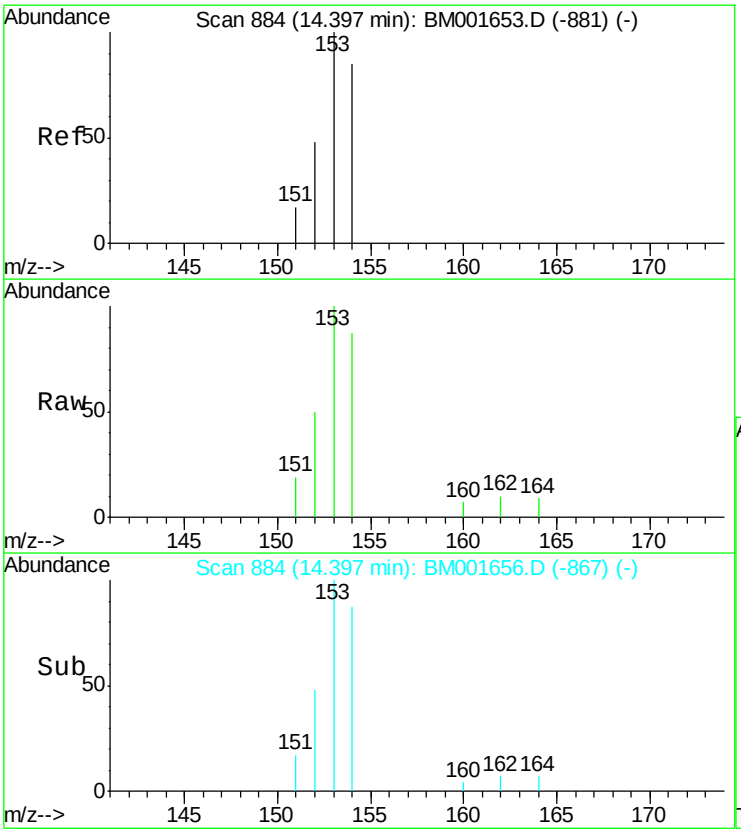
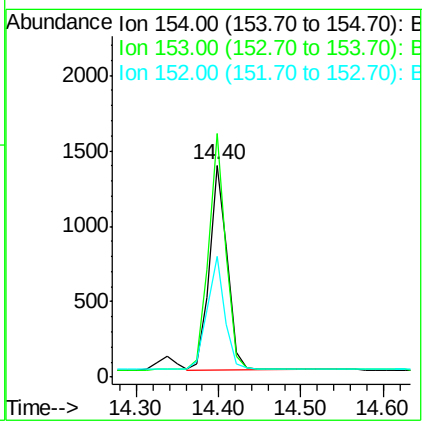
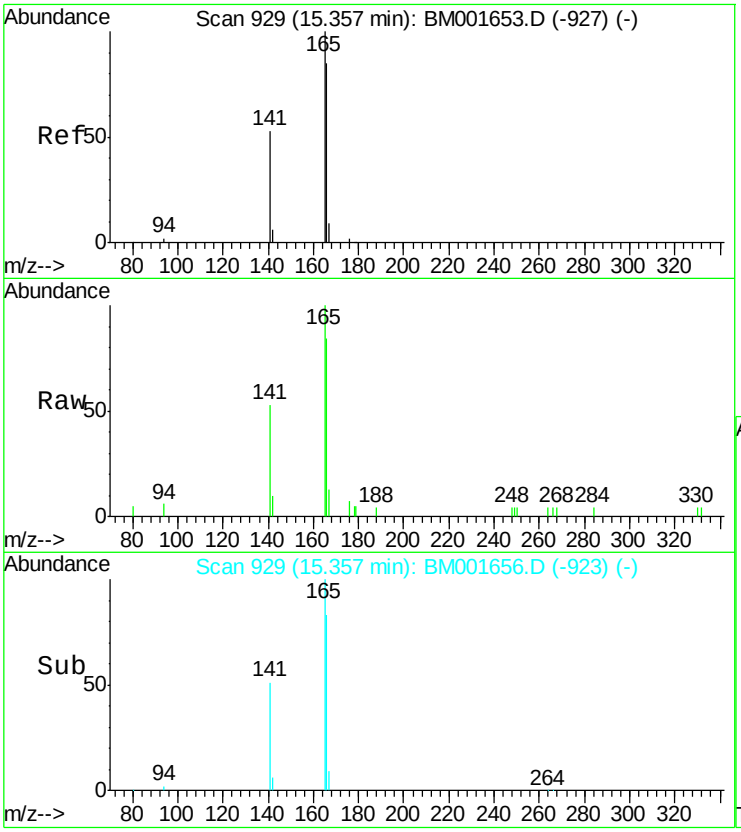


#16
Acenaphthene
Concen: 0.22 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:154 Resp: 2072

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.0	136.6
152	54.4	43.8	65.8

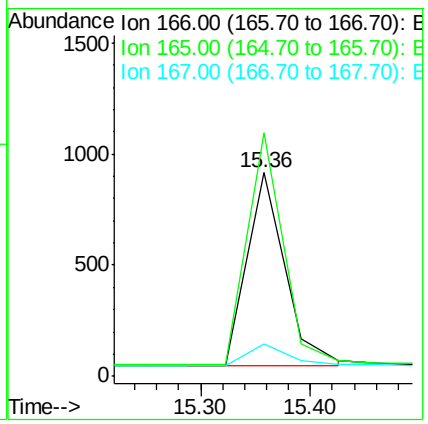




#17
Fluorene
Concen: 0.30 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:166 Resp: 2058

Ion	Ratio	Lower	Upper
166	100		
165	114.3	90.7	136.1
167	12.1	9.4	14.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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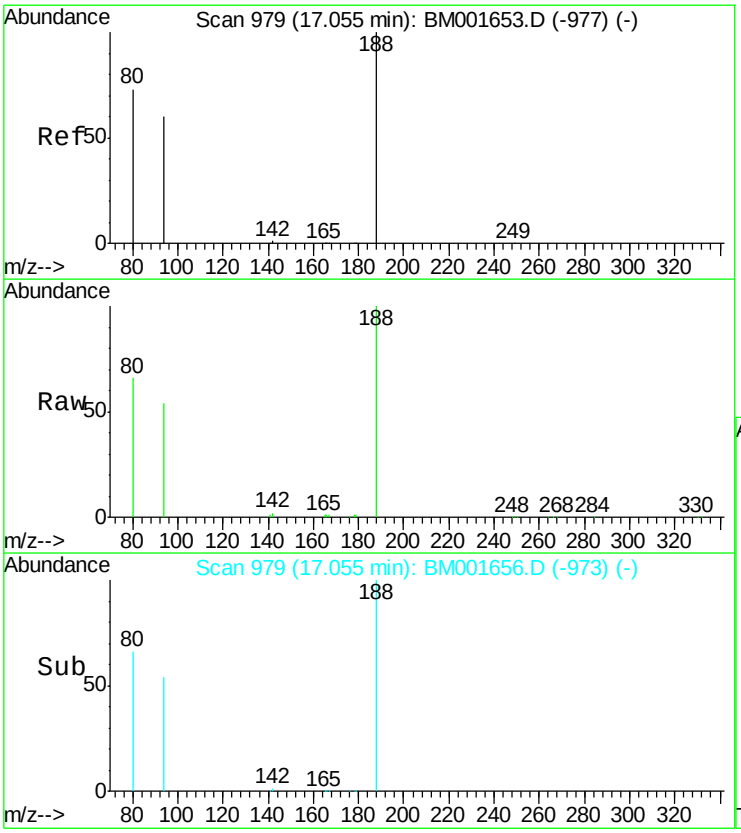
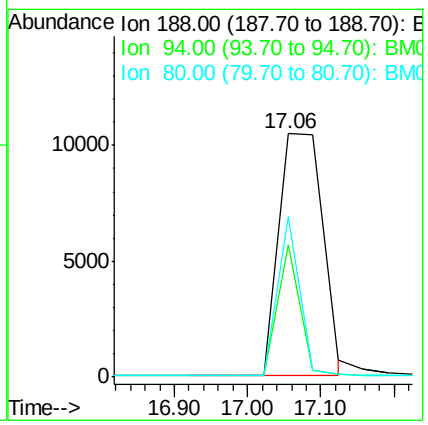
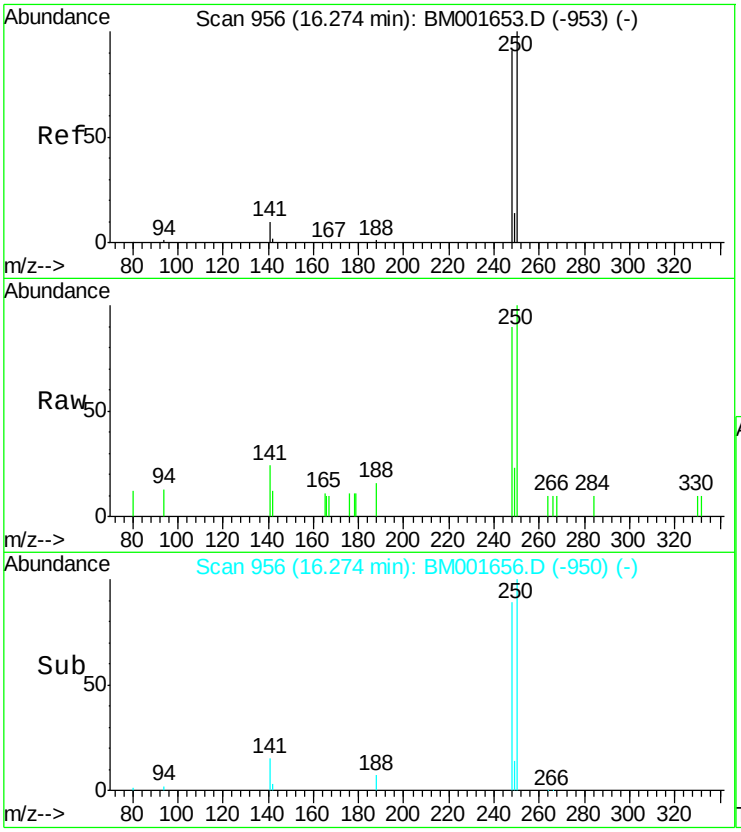


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:188 Resp: 44011

Ion	Ratio	Lower	Upper
188	100		
94	54.4	48.3	72.5
80	66.0	58.6	88.0

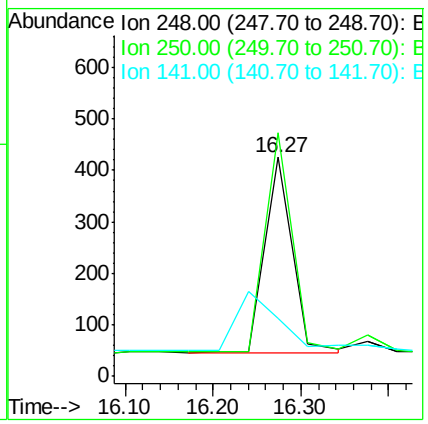




#19
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:248 Resp: 827

Ion	Ratio	Lower	Upper
248	100		
250	111.6	87.5	131.3
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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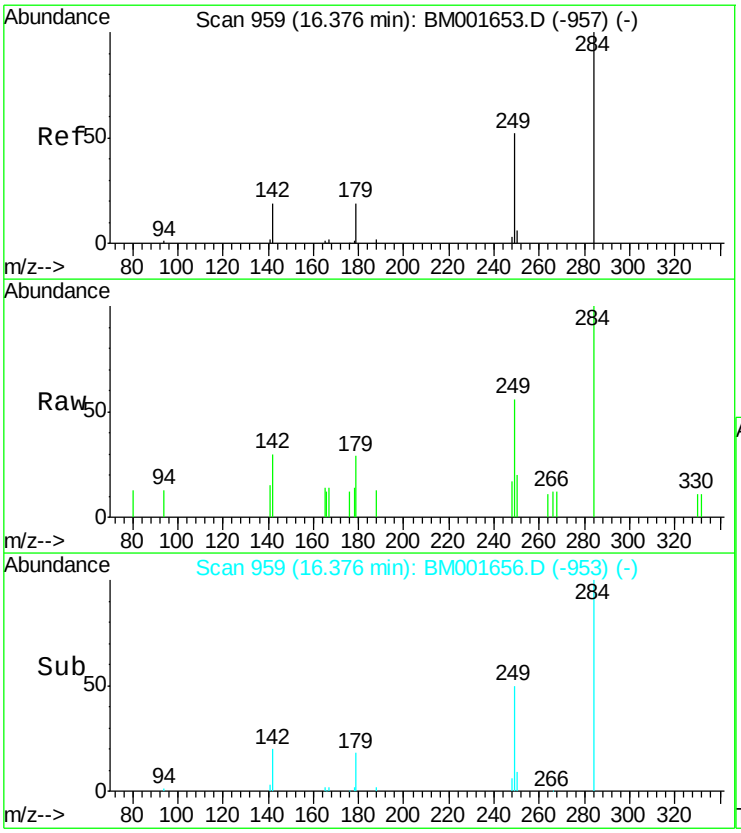
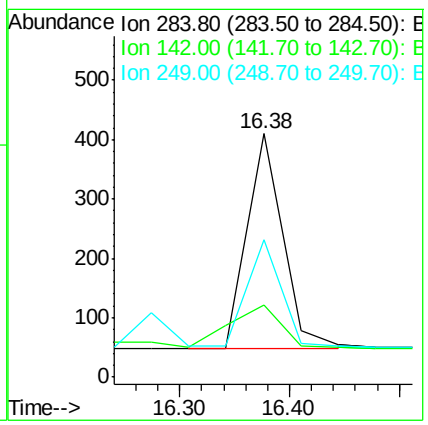
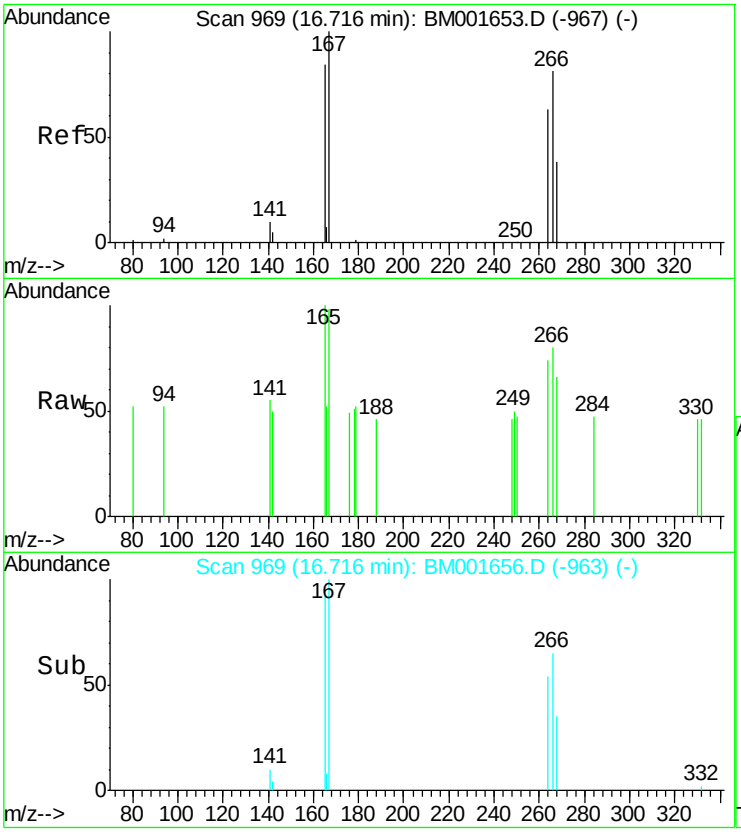


#20
Hexachlorobenzene
Concen: 0.32 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:284 Resp: 811

Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.5	32.3
249	63.4	53.8	80.6

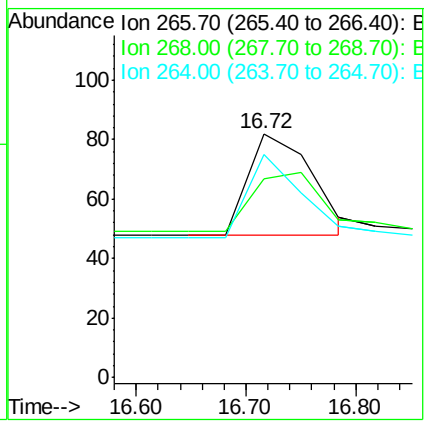




#21
Pentachlorophenol
Concen: 0.17 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:266 Resp: 137

Ion	Ratio	Lower	Upper
266	100		
268	81.7	43.3	64.9#
264	91.5	64.5	96.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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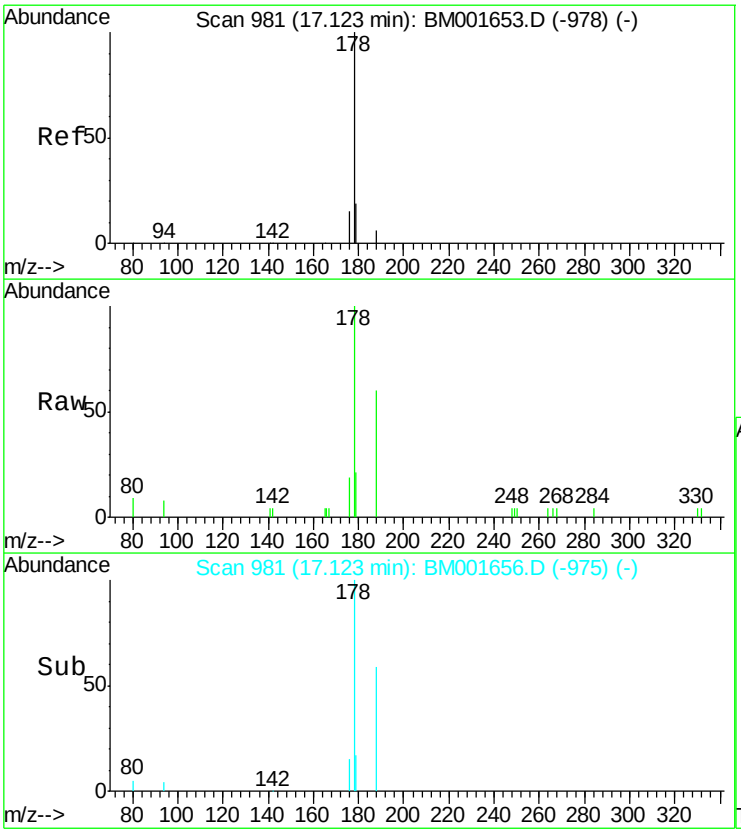
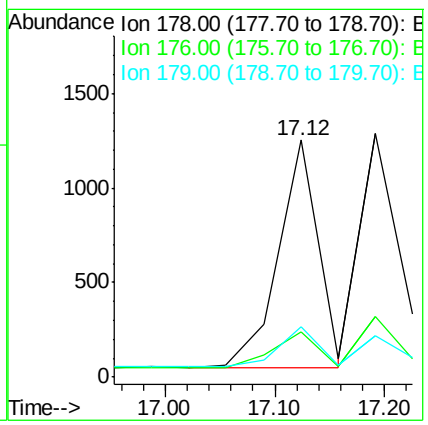
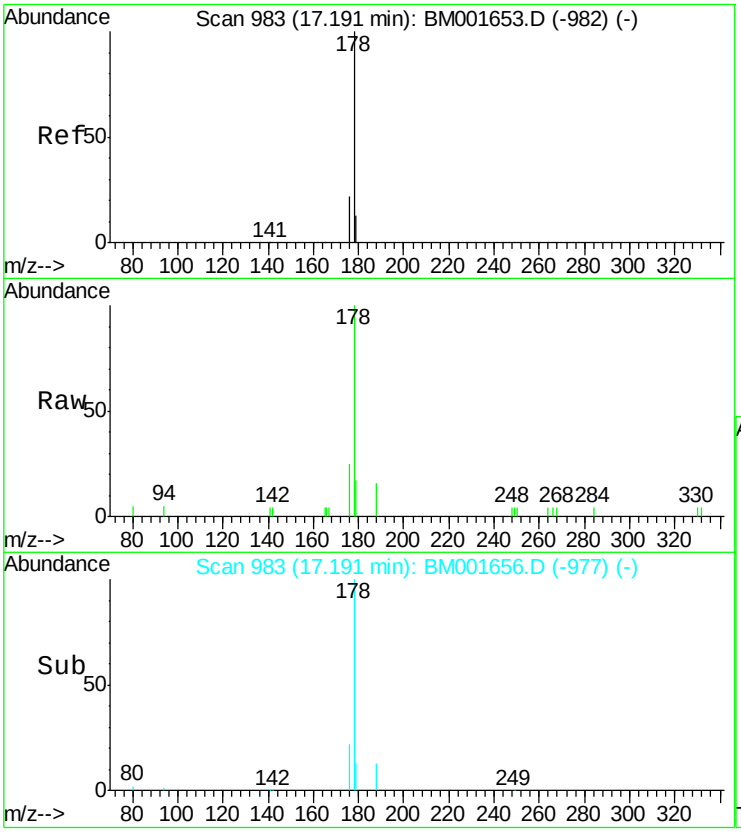


#22
Phenanthrene
Concen: 0.20 ng
RT: 17.12 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:178 Resp: 3022

Ion	Ratio	Lower	Upper
178	100		
176	17.7	0.0	0.0#
179	17.5	14.2	21.2

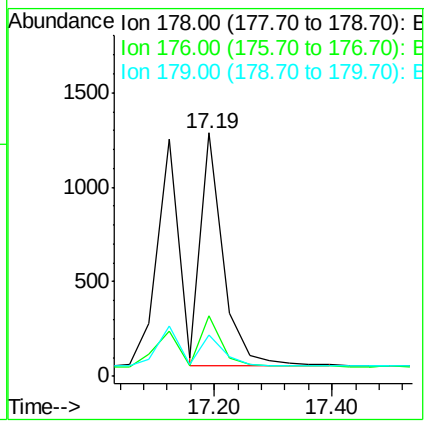




#23
Anthracene
Concen: 0.31 ng m
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:178 Resp: 3316

Ion	Ratio	Lower	Upper
178	100		
176	15.6	0.0	0.0#
179	27.5	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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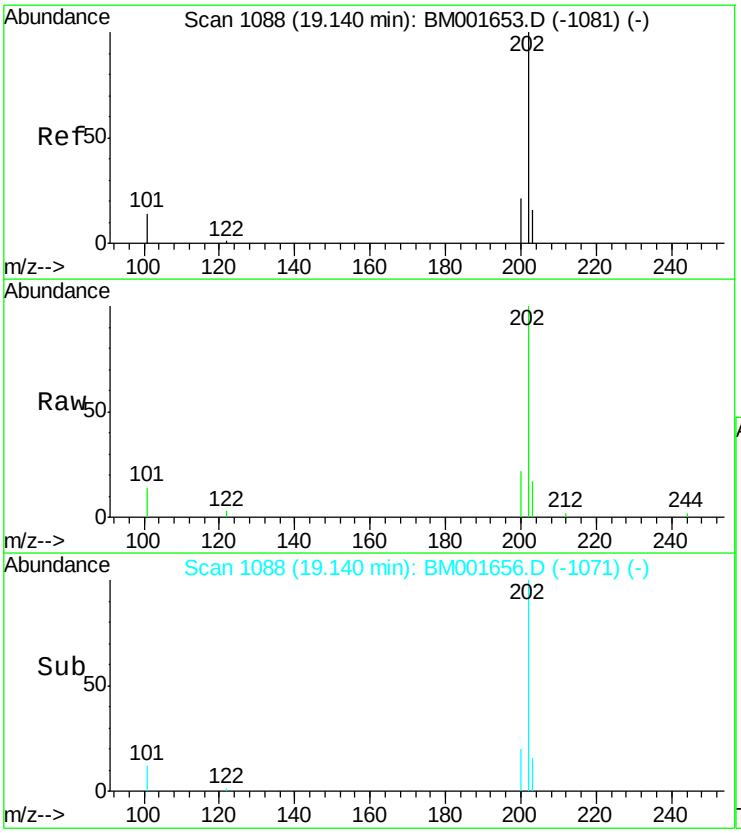
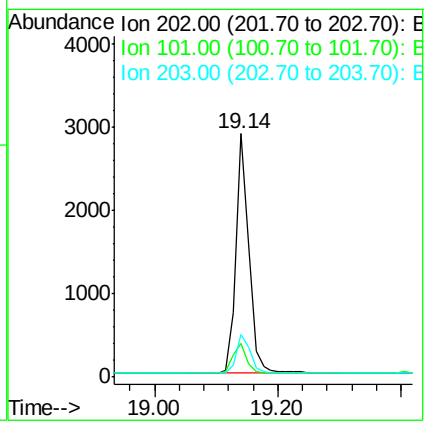
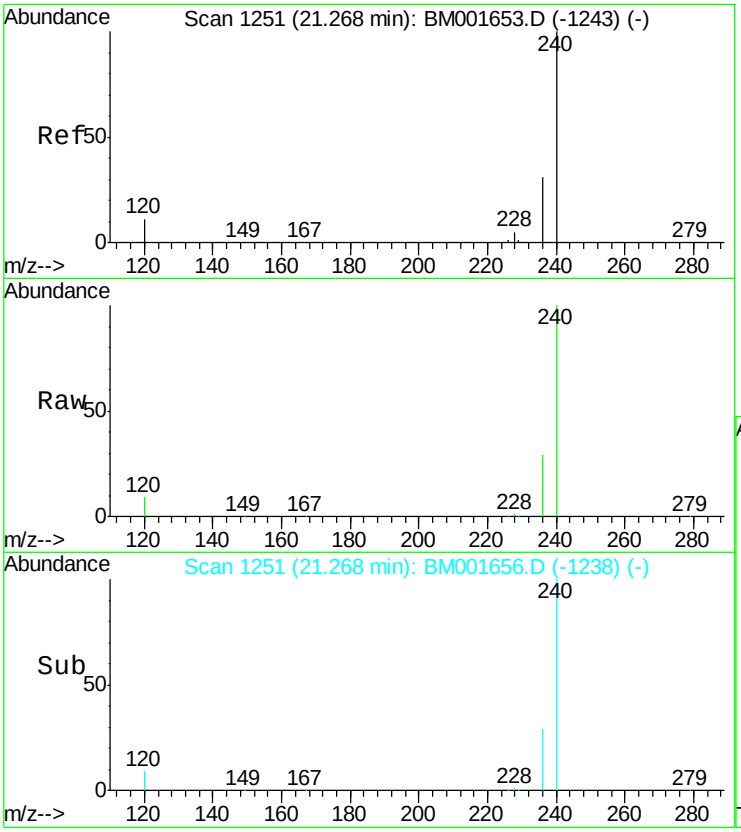


#24
Fluoranthene
Concen: 0.23 ng
RT: 19.14 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:202 Resp: 4113

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.8	16.2
203	17.4	13.8	20.8

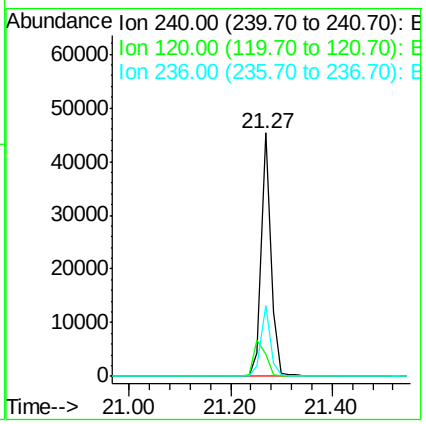




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:240 Resp: 58469

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.9	13.3
236	29.0	24.6	36.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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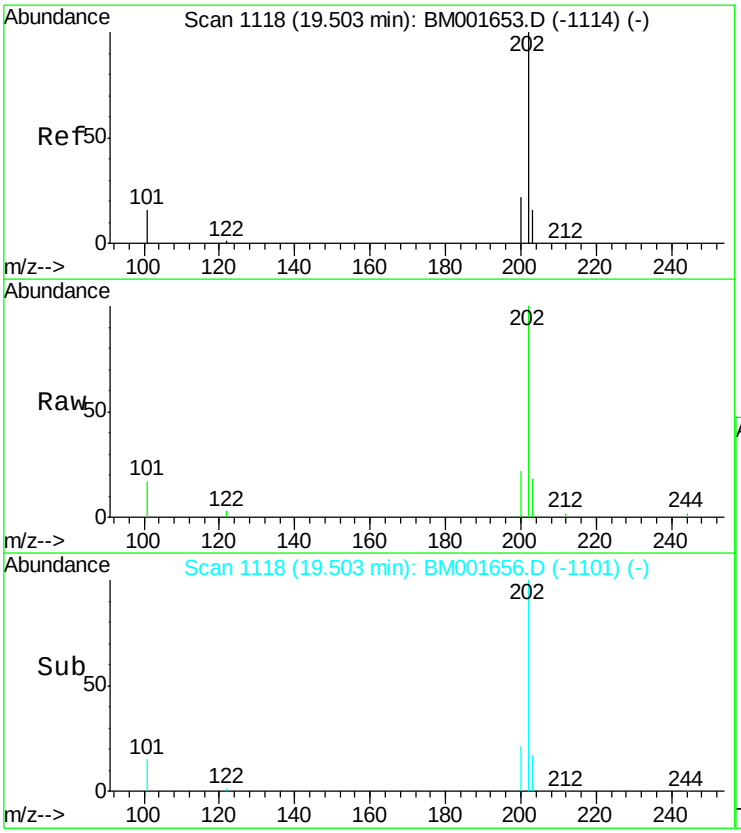
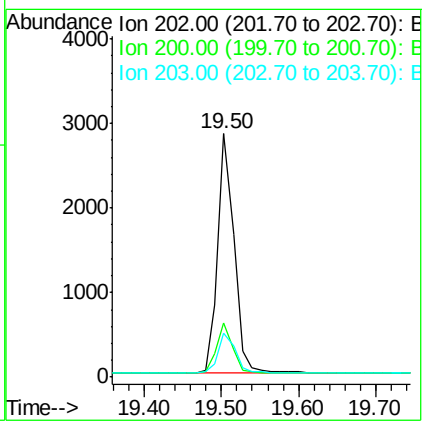
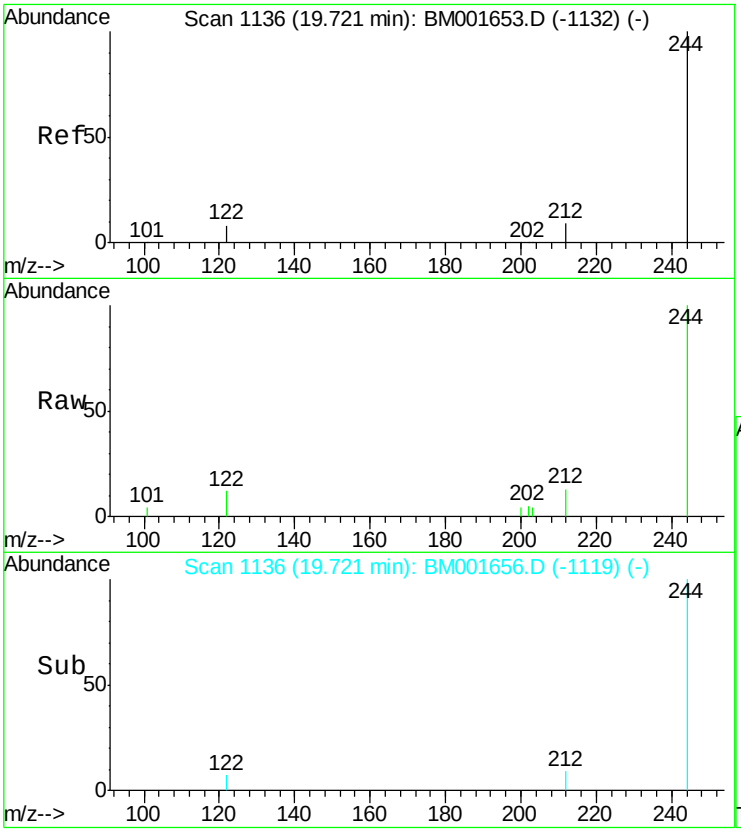


#26
Pyrene
Concen: 0.22 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:202 Resp: 4161

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.5	13.8	20.8

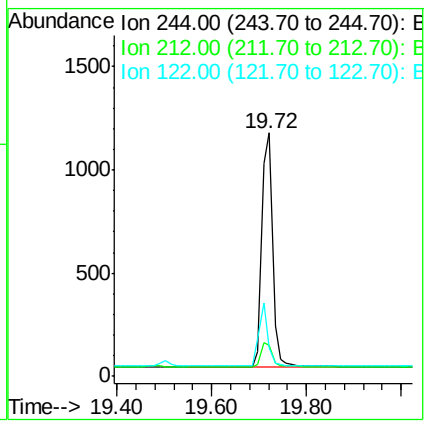




#27
Terphenyl-d14
Concen: 0.23 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:244 Resp: 1804

Ion	Ratio	Lower	Upper
244	100		
212	12.7	7.7	11.5#
122	11.7	6.9	10.3#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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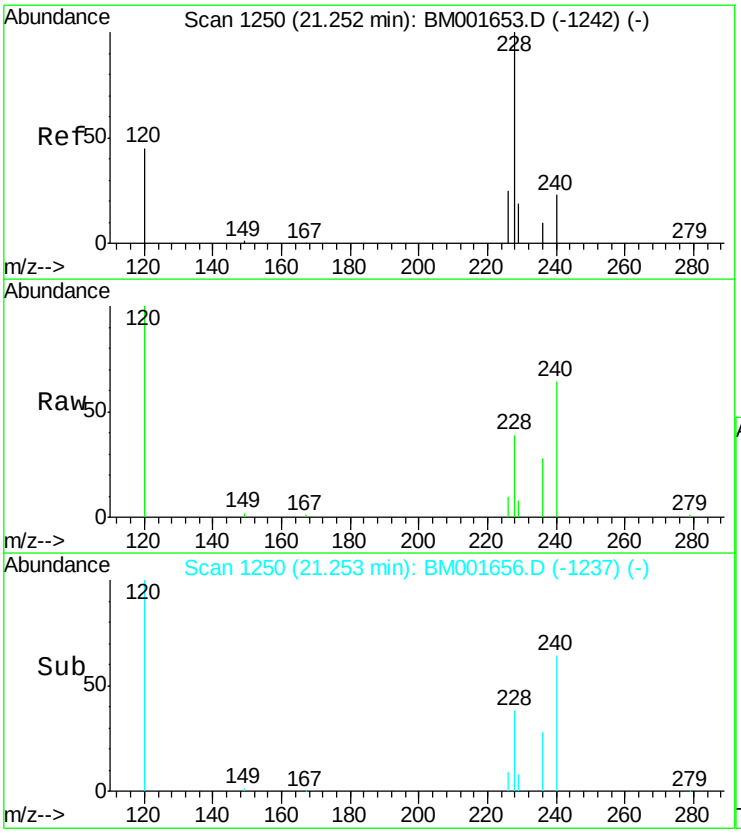
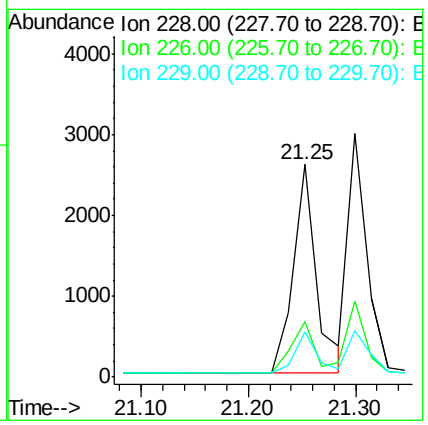
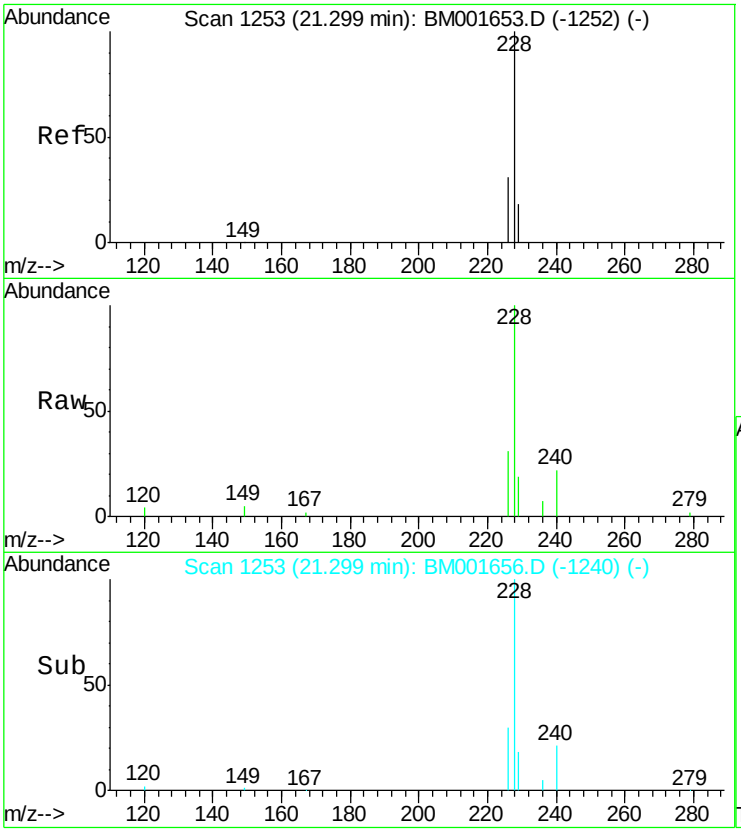


#28
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:228 Resp: 3873

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.2	30.4
229	21.2	15.7	23.5

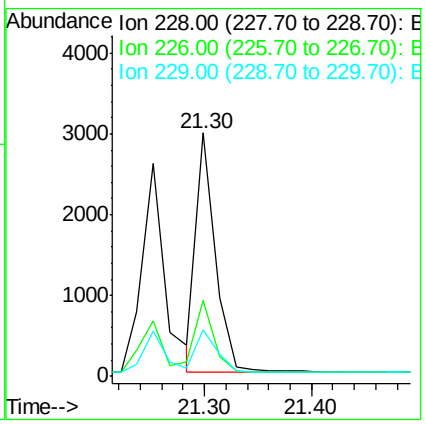




#29
Chrysene
Concen: 0.23 ng
RT: 21.30 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:228 Resp: 3713

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	19.3	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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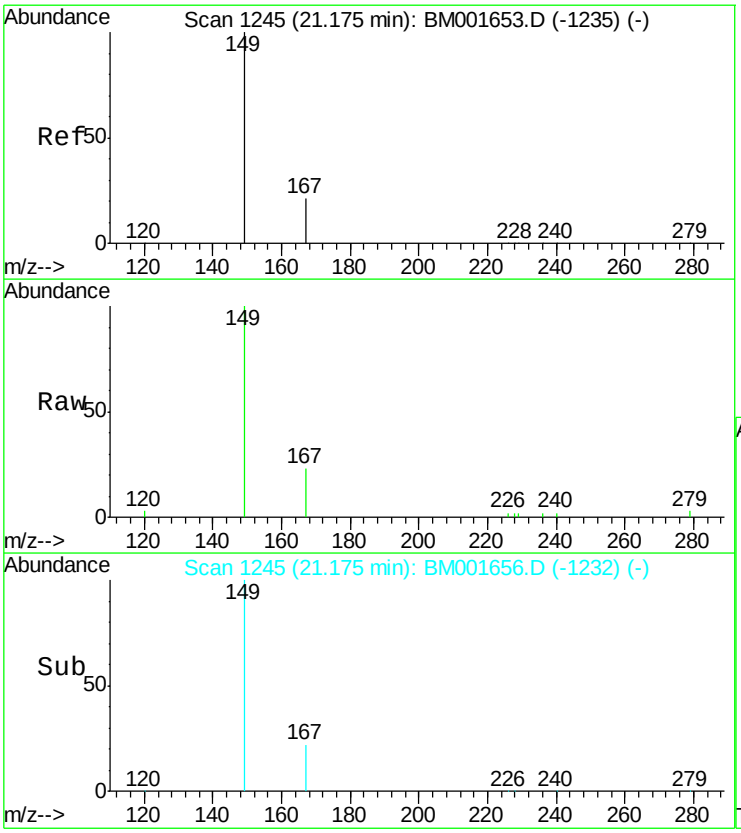
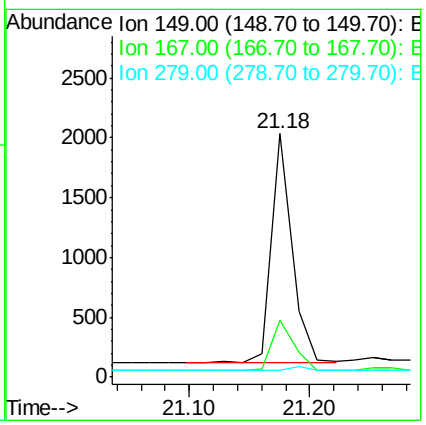
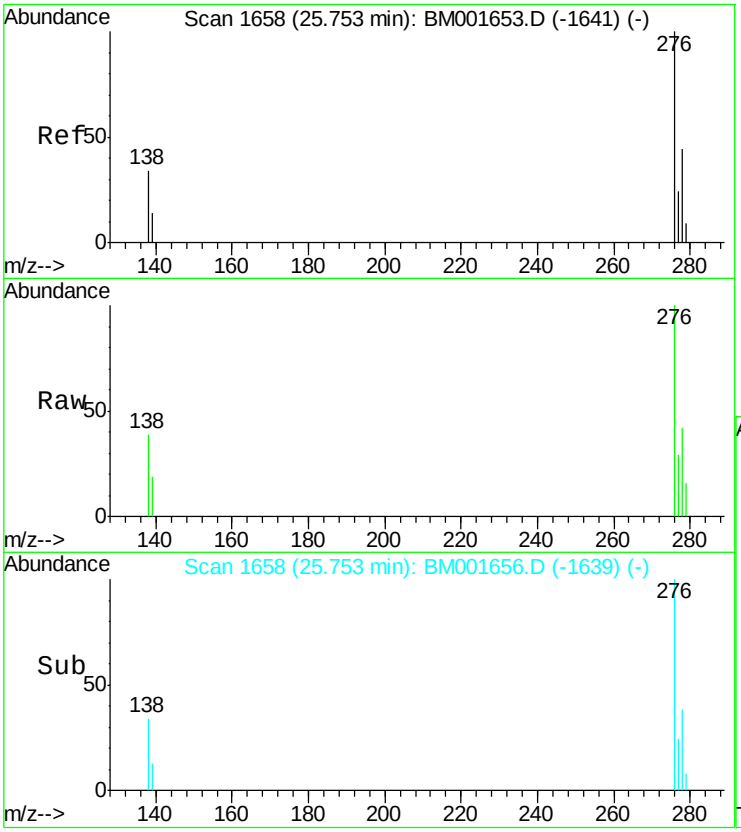


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:149 Resp: 2283

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.2	30.2
279	2.1	1.7	2.5

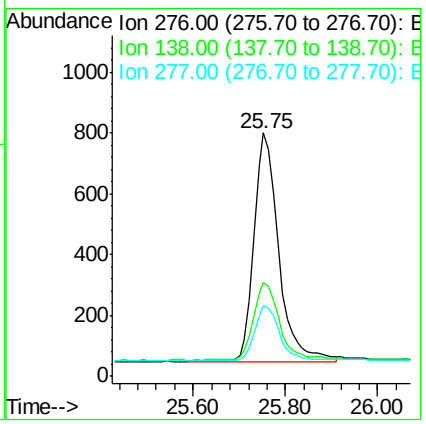




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 25.75 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:276 Resp: 2810

Ion	Ratio	Lower	Upper
276	100		
138	35.2	28.8	43.2
277	24.1	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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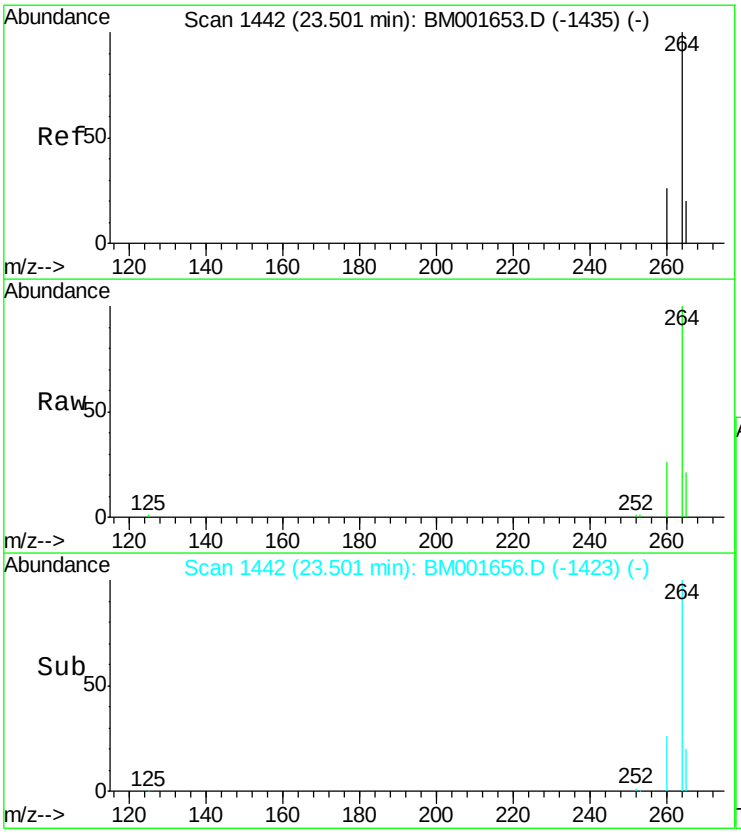
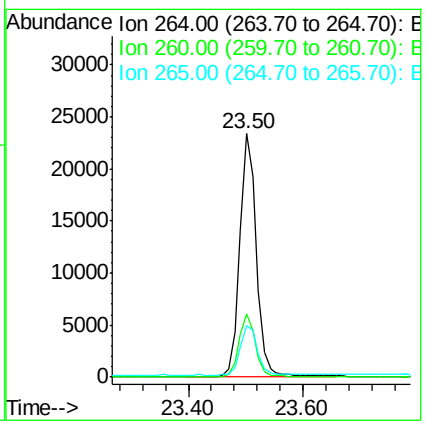
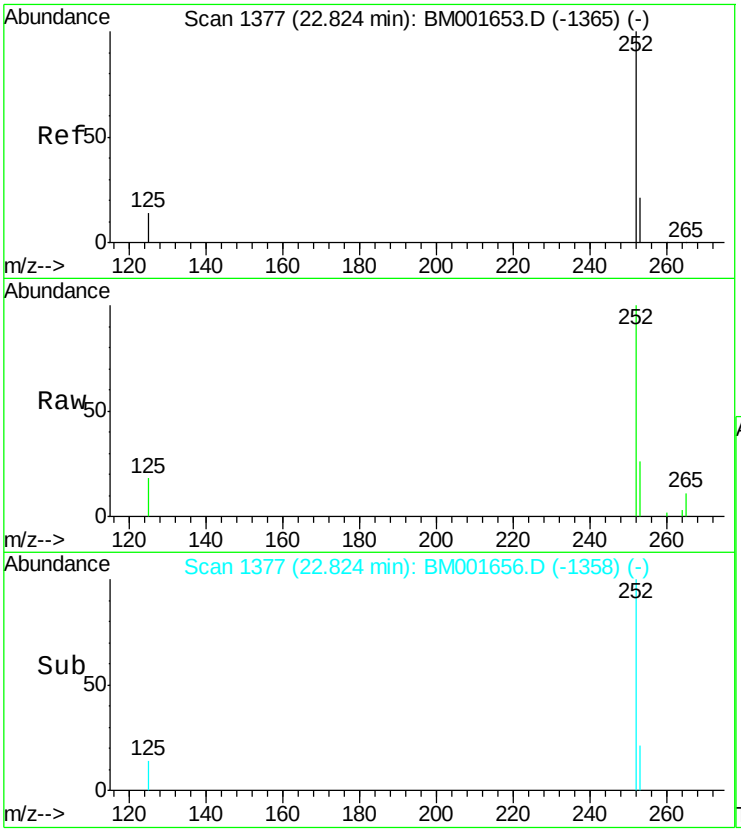


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.50 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:264 Resp: 46683

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	21.0	16.9	25.3





#33
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.82 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:252 Resp: 3098

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	17.9	12.0	18.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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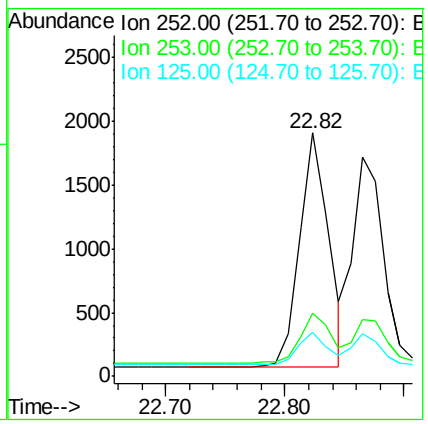
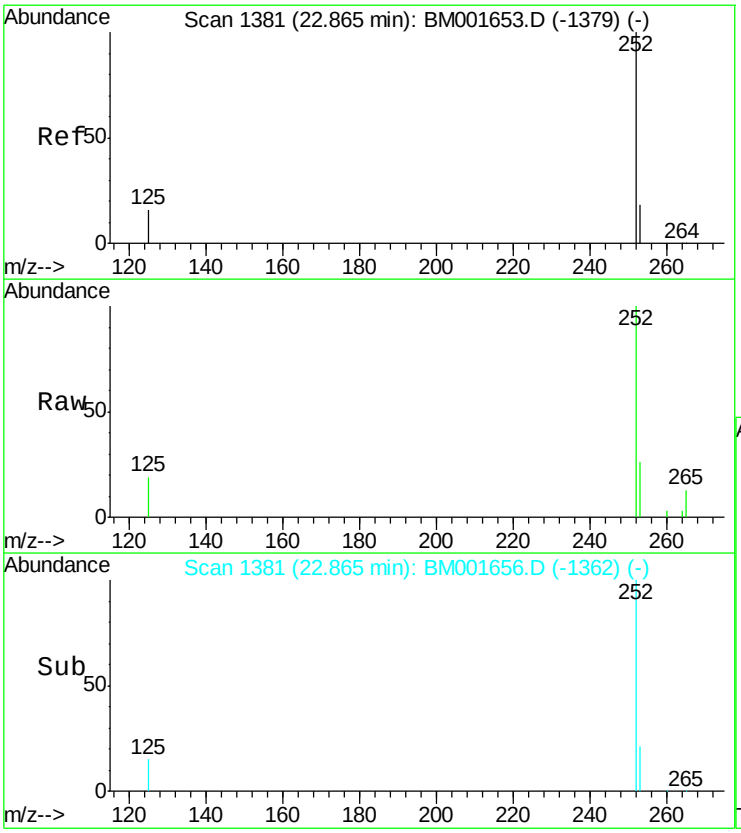
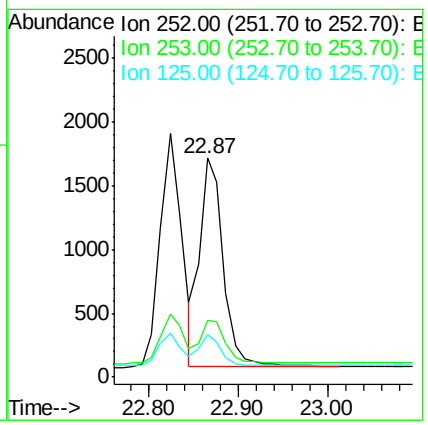


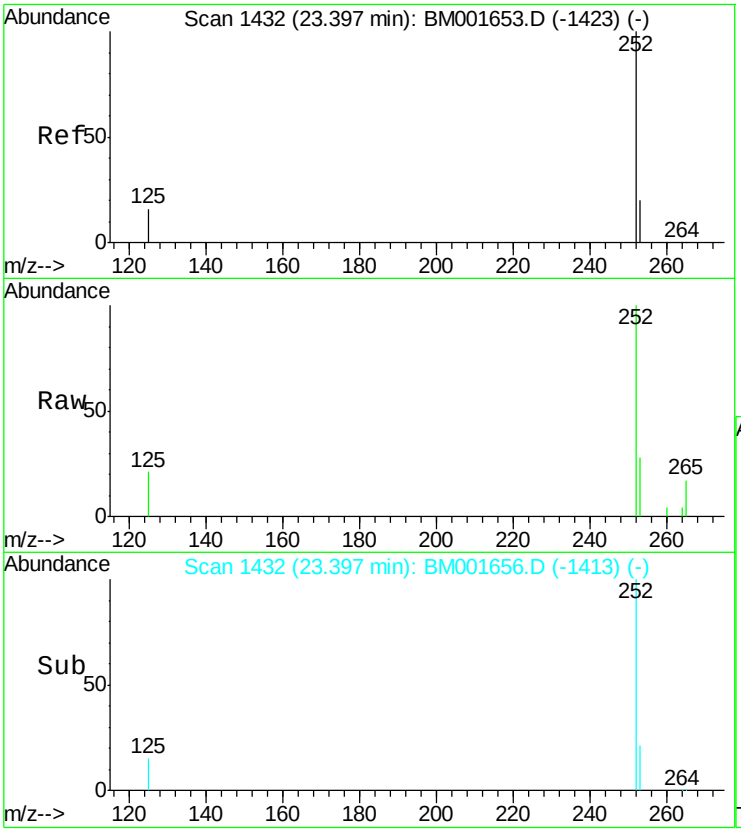


#34
Benzo(k)fluoranthene
Concen: 0.22 ng
RT: 22.87 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:252 Resp: 3026

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.6#
125	19.4	12.5	18.7#





#35
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.40 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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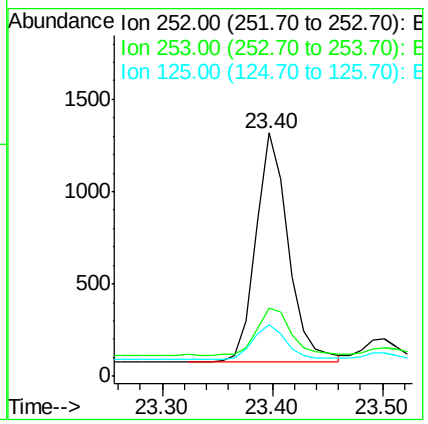
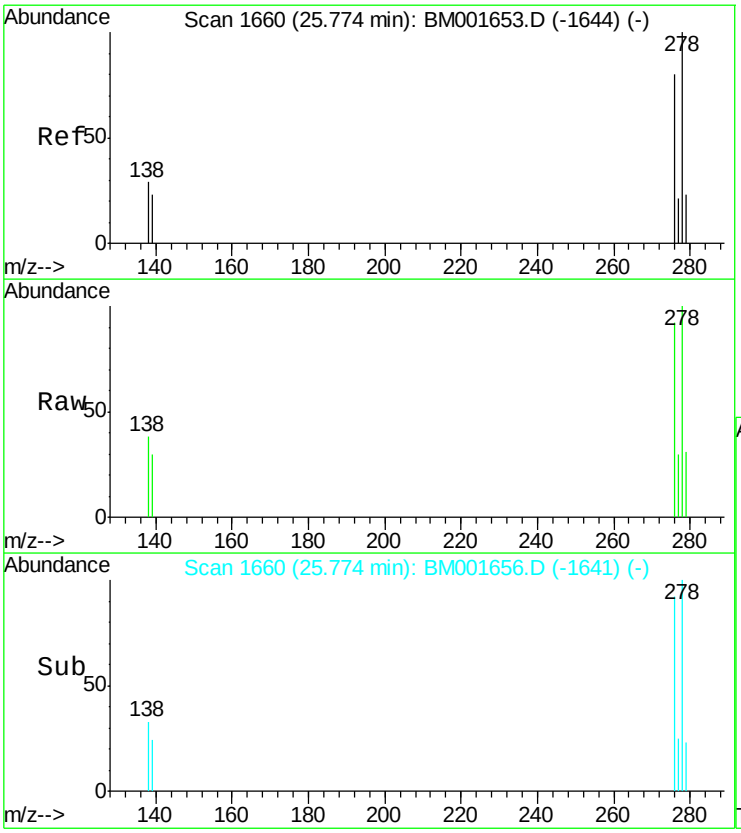
Tgt Ion:252 Resp: 2514

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.4	26.0#
125	21.4	14.0	21.0#

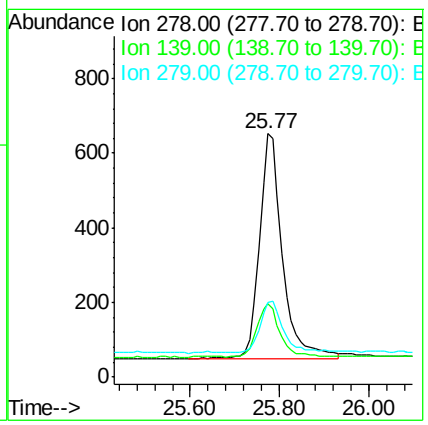


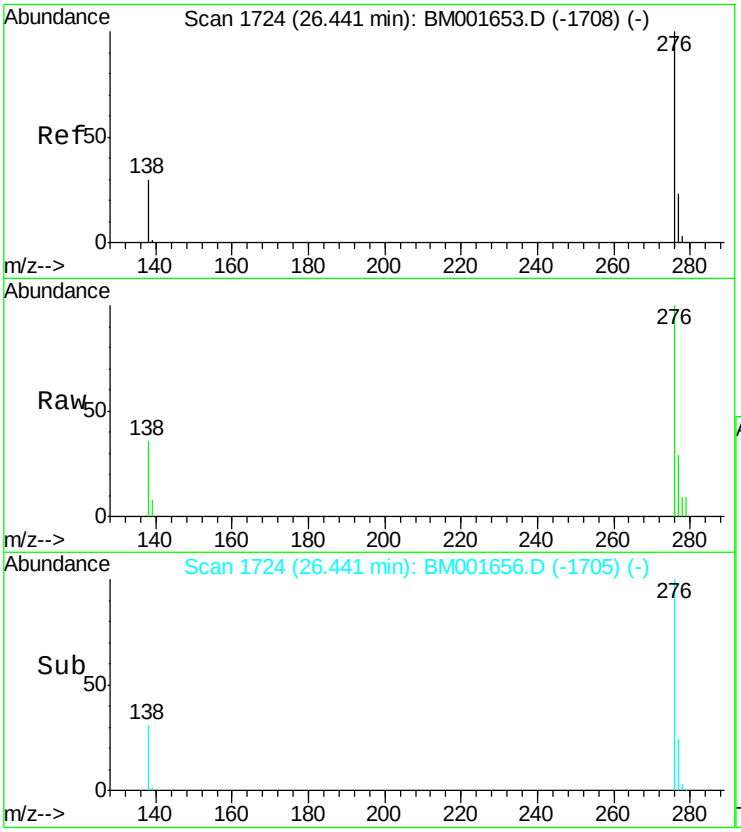


#36
Dibenzo(a,h)anthracene
Concen: 0.20 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:278 Resp: 2184

Ion	Ratio	Lower	Upper
278	100		
139	29.9	19.1	28.7#
279	30.8	19.7	29.5#

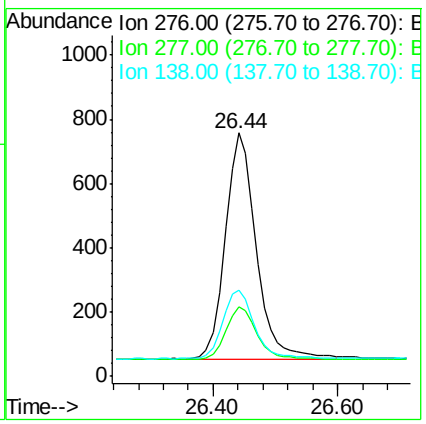




#37
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 26.44 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM001656.D
Acq: 12 Jun 2015 00:00

Tgt Ion:276 Resp: 2432

Ion	Ratio	Lower	Upper
276	100		
277	28.6	19.3	28.9
138	35.6	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
apatel
6/15/2015 12:41:34 PM