Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001601.D
Acq On : 09 Jun 2015 01:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 17:16:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 16:51:10 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	20585	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	73095	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	33057	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	40931	5.00	ng		0.00
25) Chrysene-d12	21.28	240	49374	5.00	ng		0.00
32) Perylene-d12	23.51	264	44000	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	2246	0.48	ng		-0.02
5) Phenol-d6	6.84	99	2774	0.48	ng		-0.02
7) Nitrobenzene-d5	8.85	82	2459	0.48	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	459	0.34	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	5347	0.50	ng		0.00
27) Terphenyl-d14	19.72	244	3178	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1115	0.49	ng		96
3) n-Nitrosodimethylamine	3.52	42	1591	0.49	ng	#	98
8) Nitrobenzene	8.89	77	2593	0.47	ng		99
9) Naphthalene	10.52	128	8155	0.50	ng		99
10) Hexachlorobutadiene	10.82	225	1402	0.50	ng		100
11) 2-Methylnaphthalene	12.14	142	4944	0.49	ng		95
15) Acenaphthylene	14.05	152	6980	0.47	ng		100
16) Acenaphthene	14.40	154	4653	0.50	ng		100
17) Fluorene	15.36	166	5523	0.81	ng		99
19) 4-Bromophenyl-phenylether	16.28	248	1522	0.39	ng	#	60
20) Hexachlorobenzene	16.38	284	2071	0.87	ng	#	39
21) Pentachlorophenol	16.72	266	483	0.68	ng		92
22) Phenanthrene	17.13	178	4779m	0.31	ng		
23) Anthracene	17.20	178	7498m	0.81	ng		
24) Fluoranthene	19.15	202	7531	0.48	ng		100
26) Pyrene	19.51	202	7755	0.48	ng		100
28) Benzo(a)anthracene	21.25	228	6678	0.46	ng		98
29) Chrysene	21.31	228	6897	0.51	ng		98
30) Bis(2-ethylhexyl)phthalate	21.19	149	3615	0.43	ng		100
31) Indeno(1,2,3-cd)pyrene	25.77	276	6493	0.47	ng		99
33) Benzo(b)fluoranthene	22.83	252	6189	0.47	ng		97
34) Benzo(k)fluoranthene	22.88	252	6263	0.49	ng		95
35) Benzo(a)pyrene	23.41	252	5518	0.47	ng		96
36) Dibenzo(a,h)anthracene	25.79	278	4975	0.47	ng		95
37) Benzo(g,h,i)perylene	26.46	276	5510	0.48	ng		98

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001601.D
Acq On : 09 Jun 2015 01:47
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Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 17:16:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 16:51:10 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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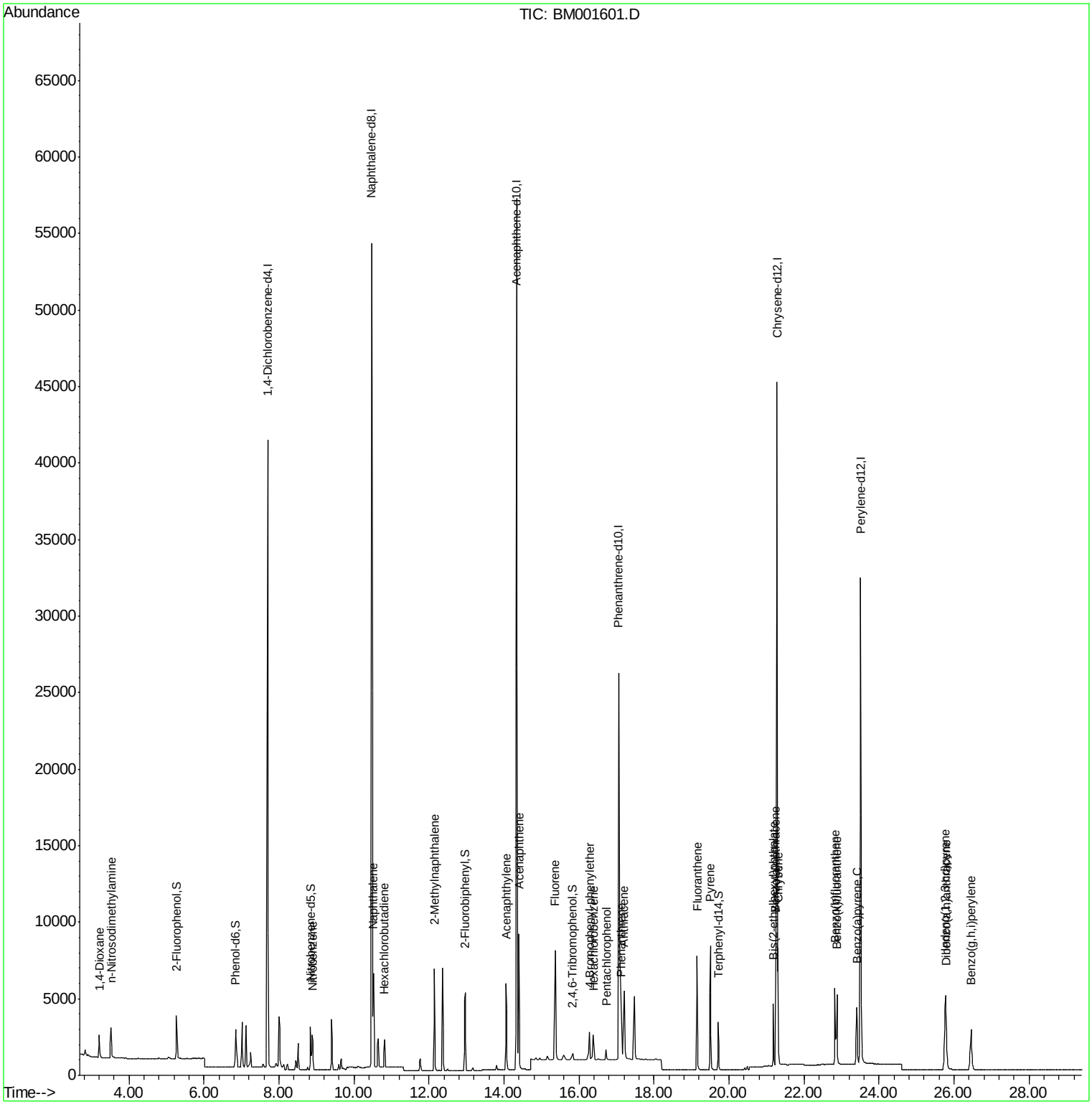
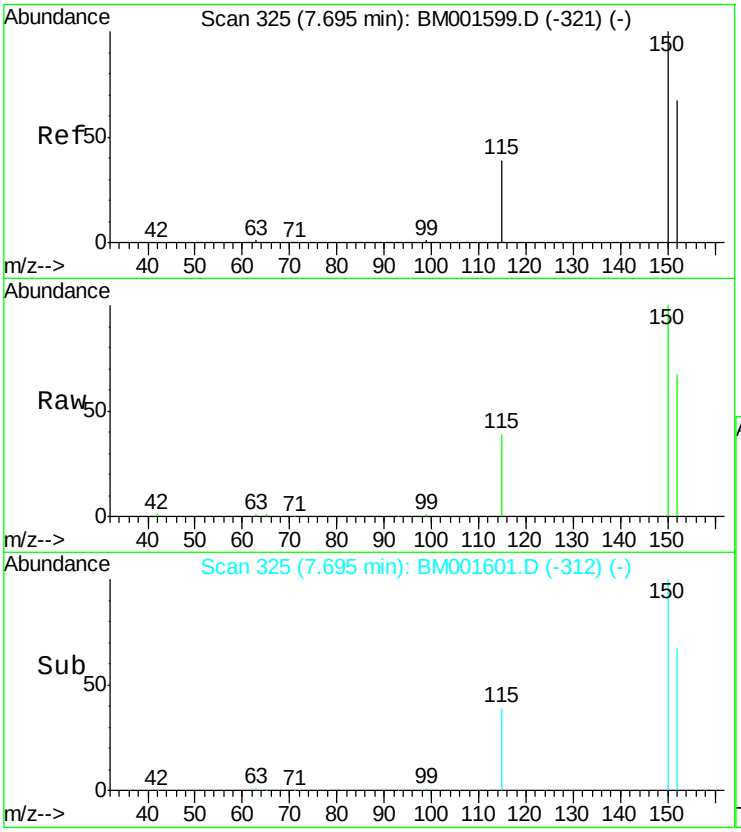
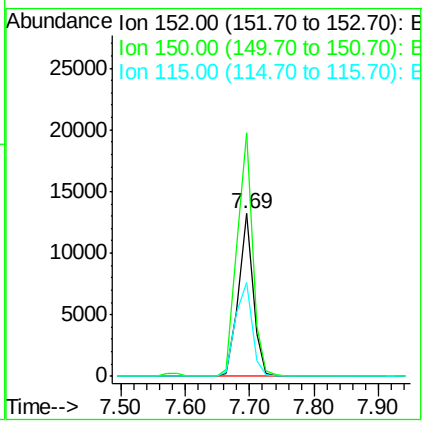




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:152 Resp: 20585

Ion	Ratio	Lower	Upper
152	100		
150	149.6	120.1	180.1
115	57.9	47.0	70.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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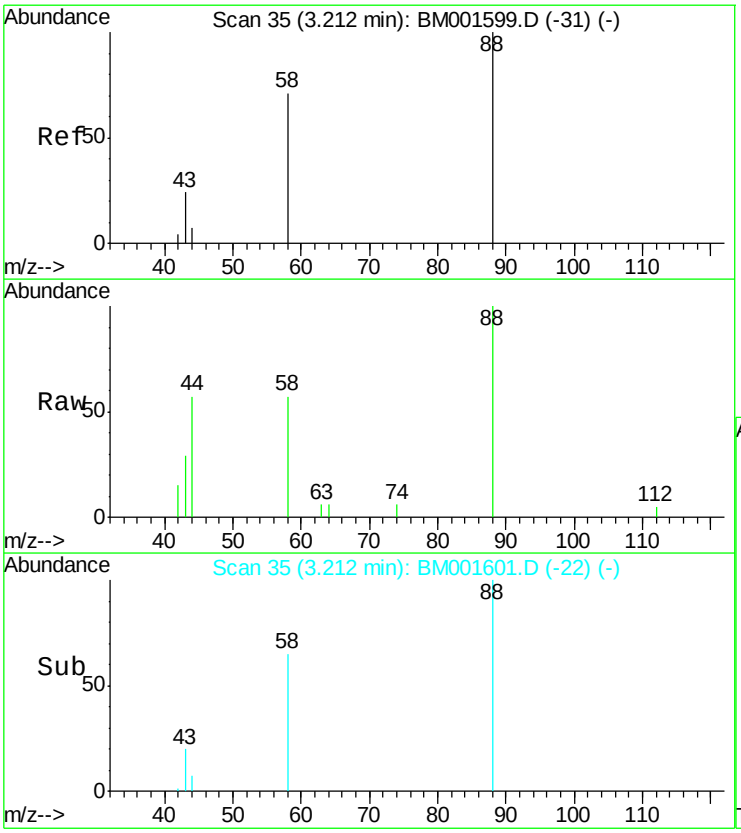
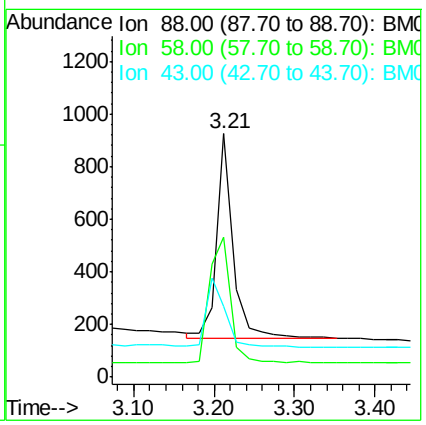
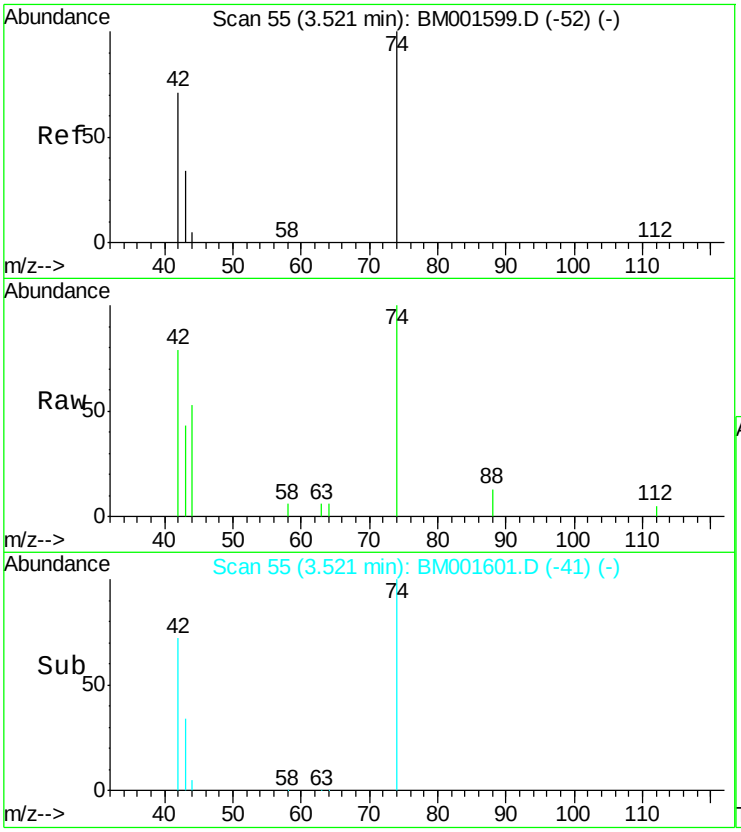


#2
1,4-Dioxane
Concen: 0.49 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 88 Resp: 1115

Ion	Ratio	Lower	Upper
88	100		
58	77.8	65.5	98.3
43	38.8	32.2	48.2

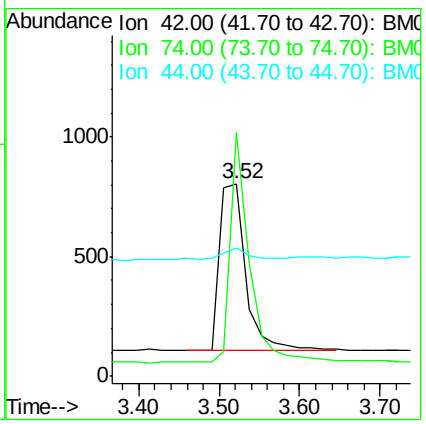




#3
n-Nitrosodimethylamine
Concen: 0.49 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 42 Resp: 1591

Ion	Ratio	Lower	Upper
42	100		
74	97.2	79.5	119.3
44	9.1	5.7	8.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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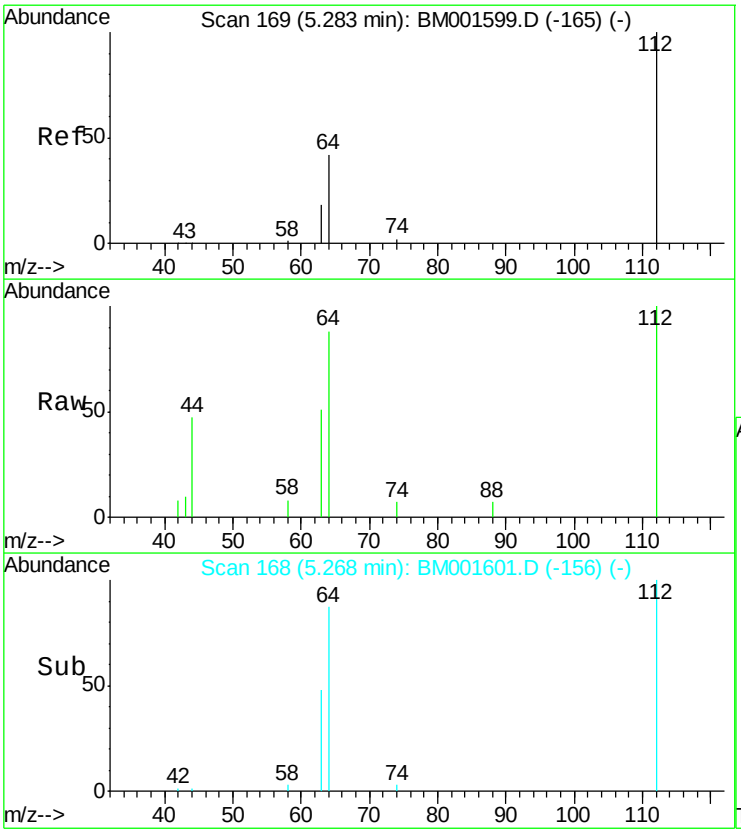
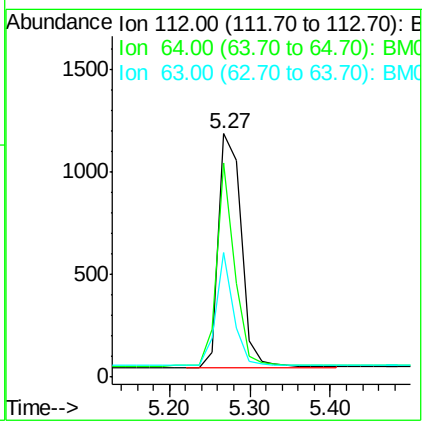
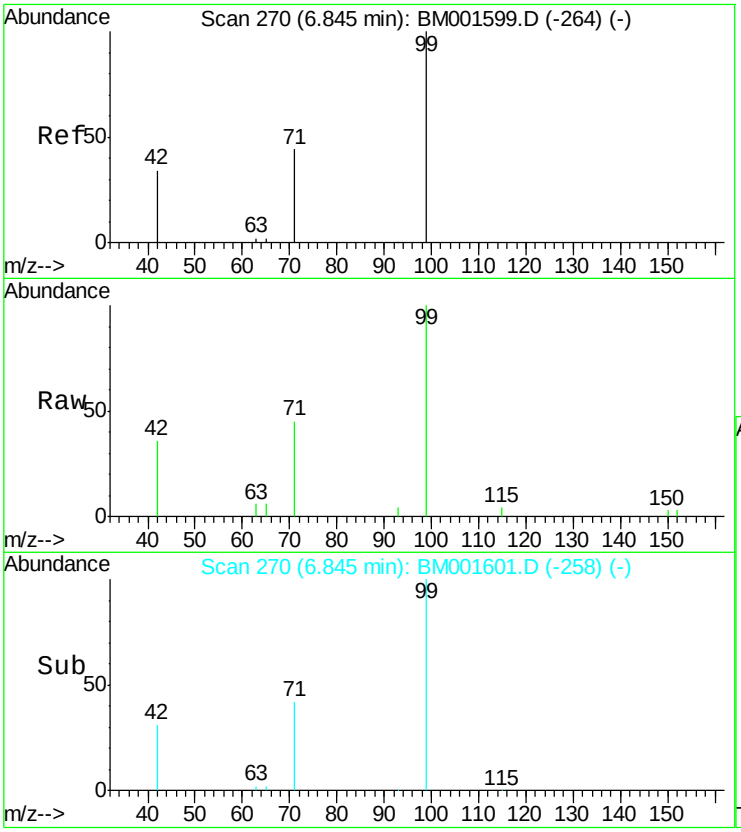


#4
2-Fluorophenol
Concen: 0.48 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:112 Resp: 2246

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.8	82.2
63	38.0	30.5	45.7

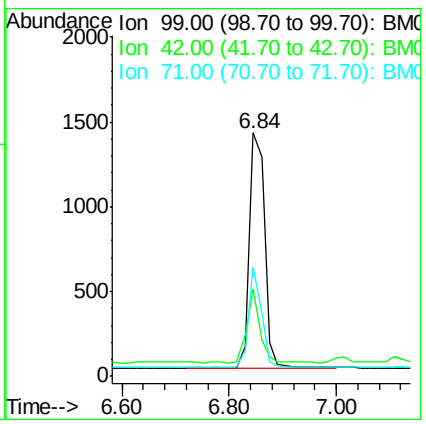




#5
Phenol-d6
Concen: 0.48 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.02 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 99 Resp: 2774

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.6	32.4
71	35.9	28.7	43.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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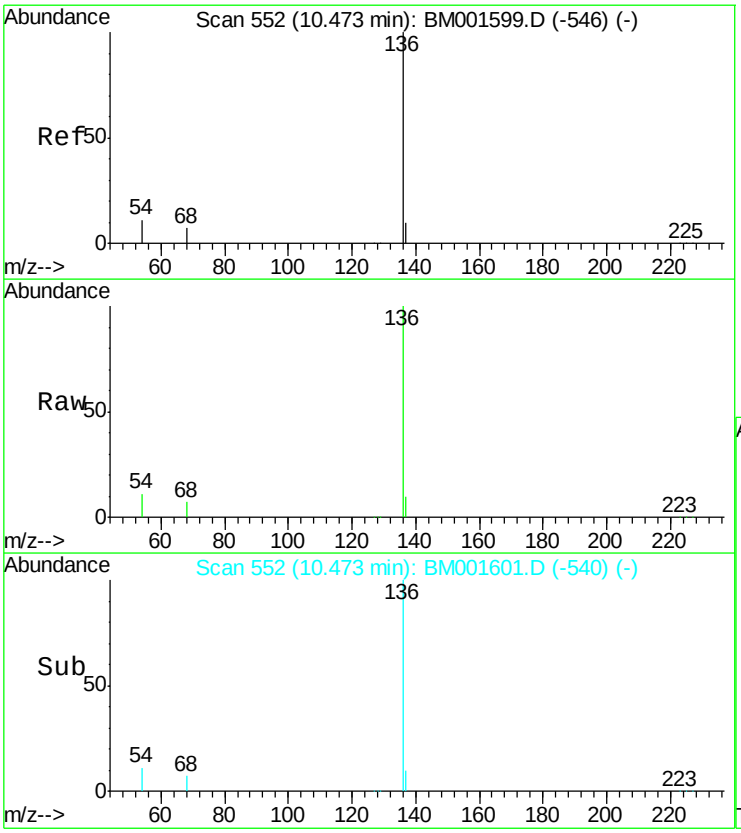
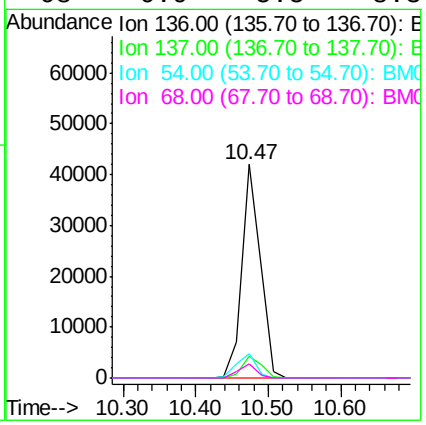
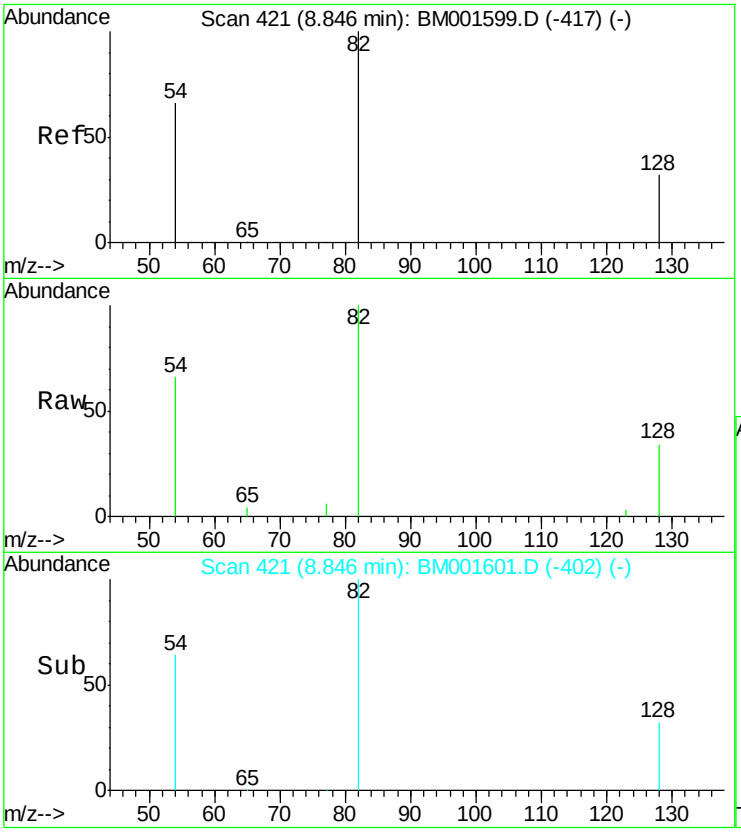


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:136 Resp: 73095

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	11.5	9.2	13.8
68	6.9	5.5	8.3

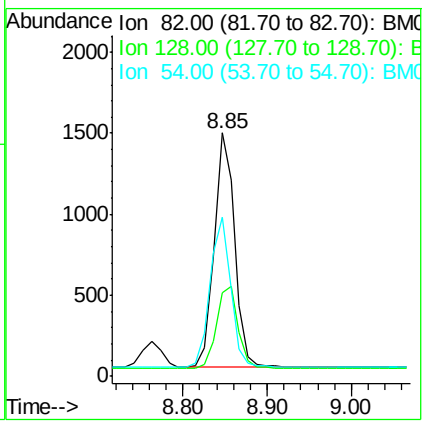




#7
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 82 Resp: 2459

Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.6	40.0
54	65.5	53.0	79.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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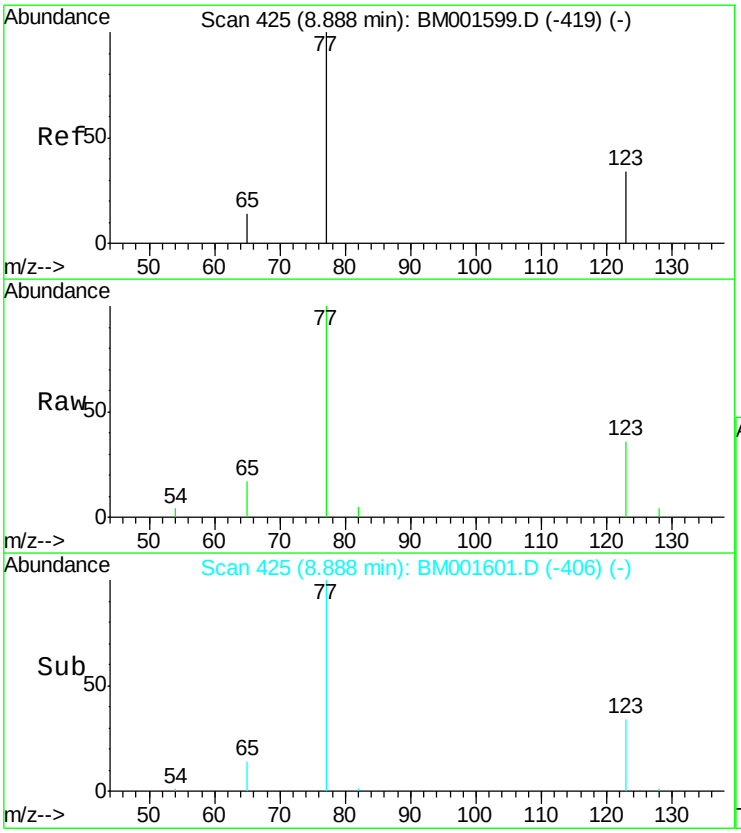
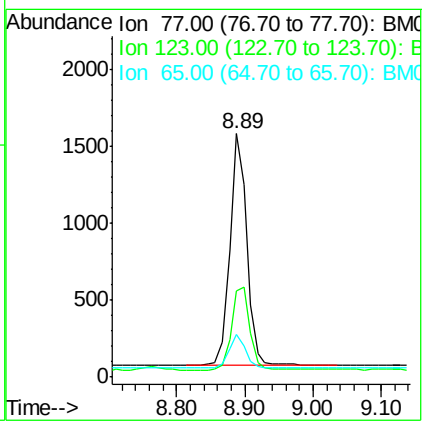
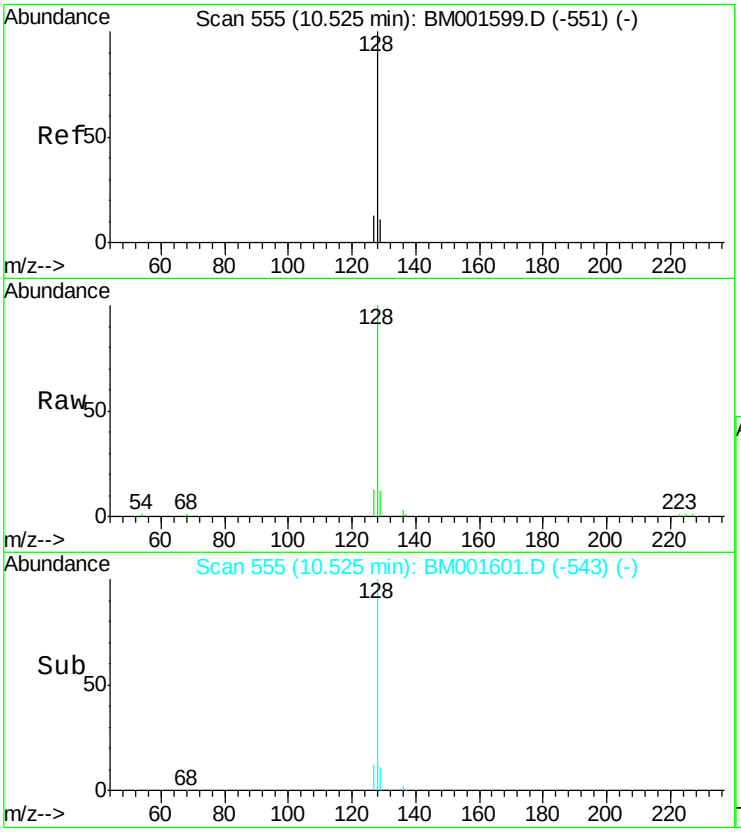


#8
Nitrobenzene
Concen: 0.47 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 77 Resp: 2593

Ion	Ratio	Lower	Upper
77	100		
123	38.4	31.0	46.6
65	14.2	11.4	17.0

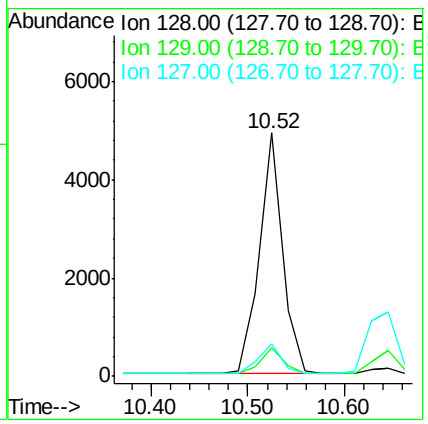




#9
Naphthalene
Concen: 0.50 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:128 Resp: 8155

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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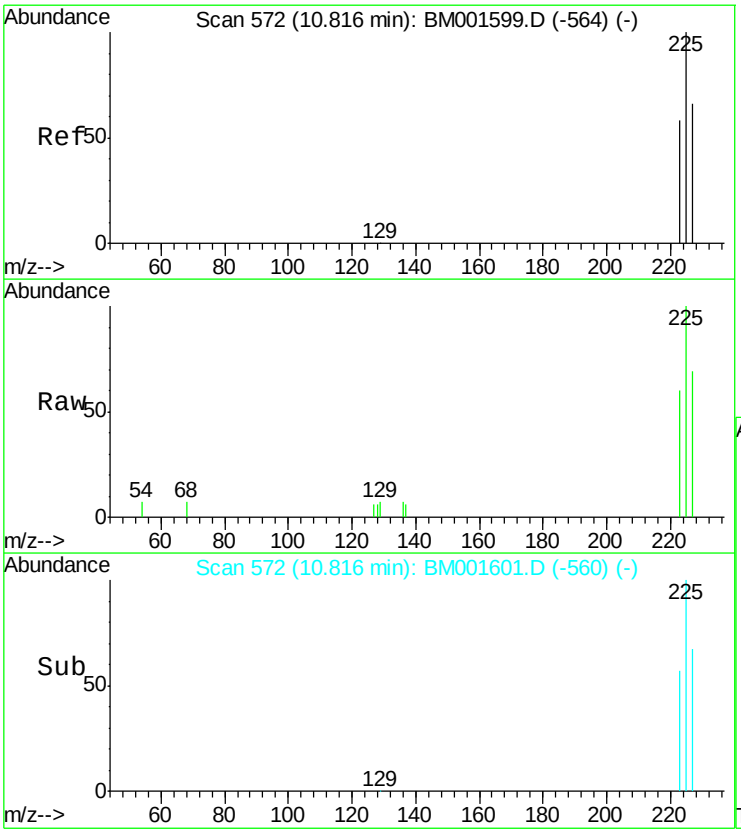
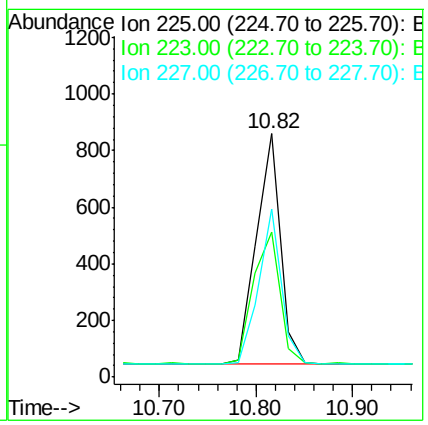
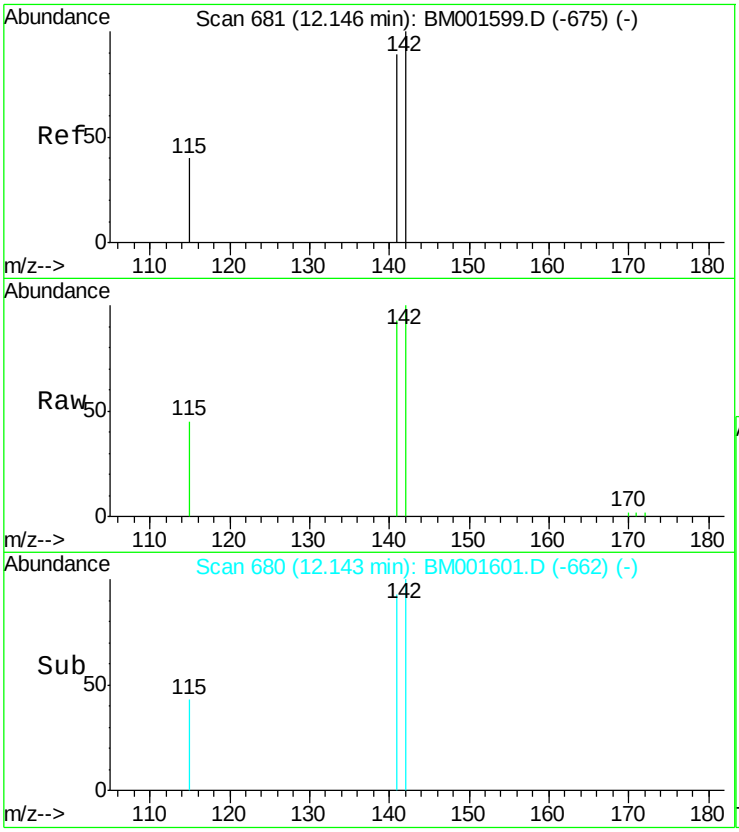


#10
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:225 Resp: 1402

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.7	50.9	76.3

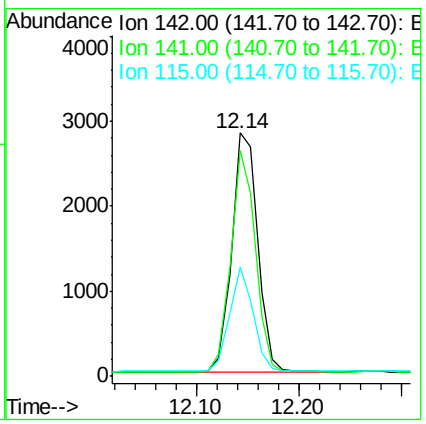




#11
2-Methylnaphthalene
Concen: 0.49 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:142 Resp: 4944

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.3	106.9
115	44.6	32.1	48.1



Instrument :
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ClientSampleId :
SSTDICC0.5

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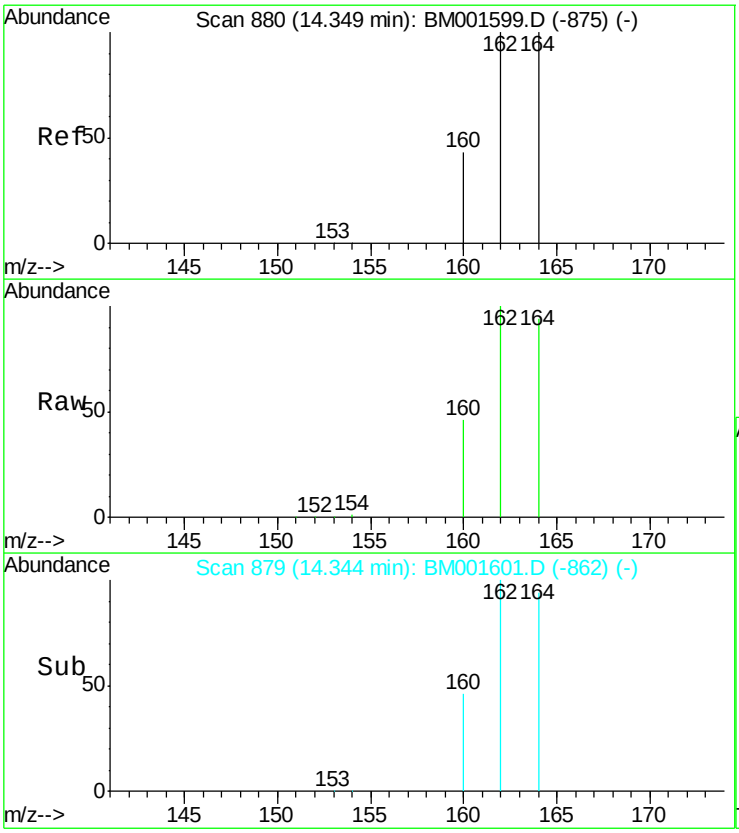
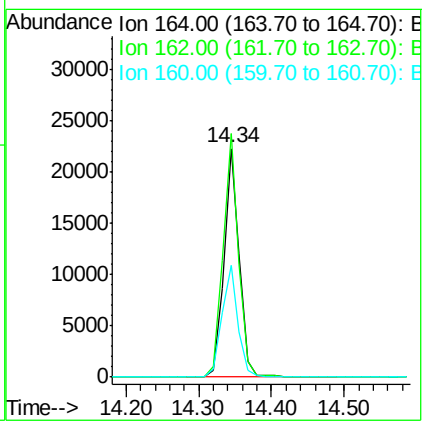
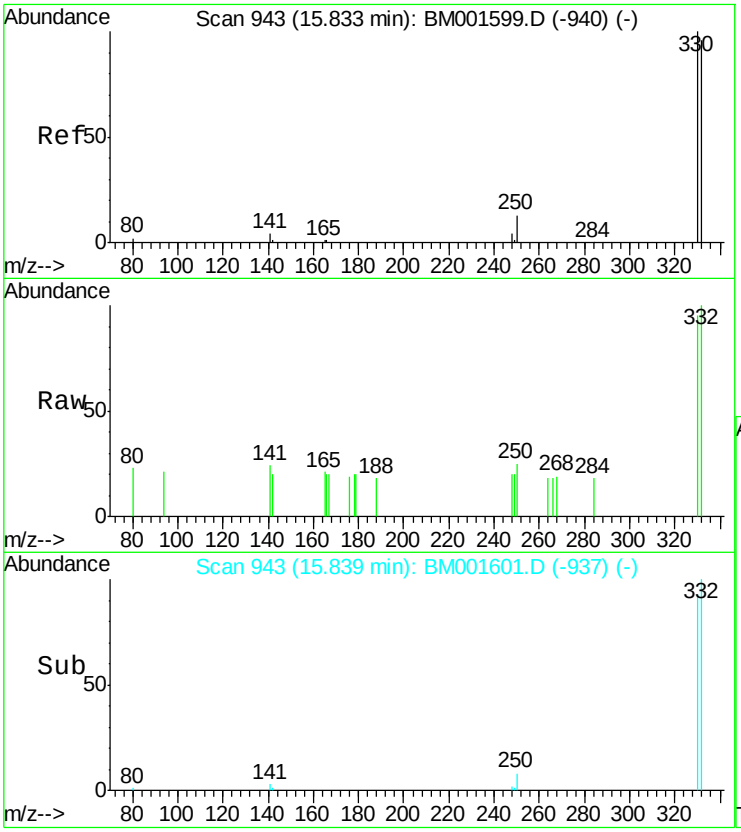


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:164 Resp: 33057

Ion	Ratio	Lower	Upper
164	100		
162	106.4	79.8	119.6
160	48.7	34.6	51.8

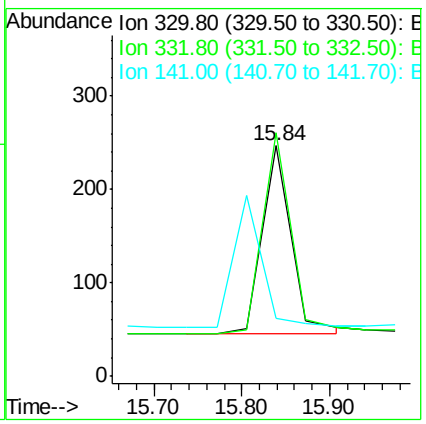




#13
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	106.1	76.7	115.1
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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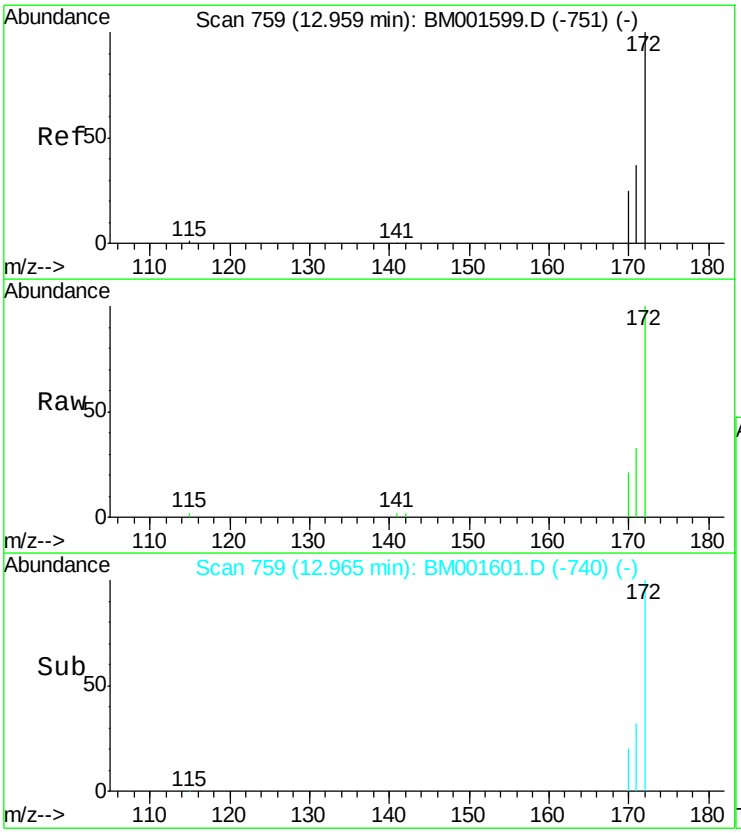
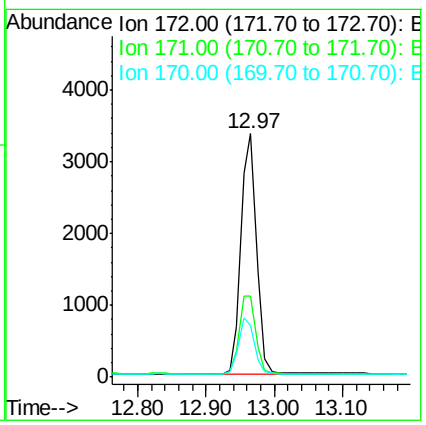
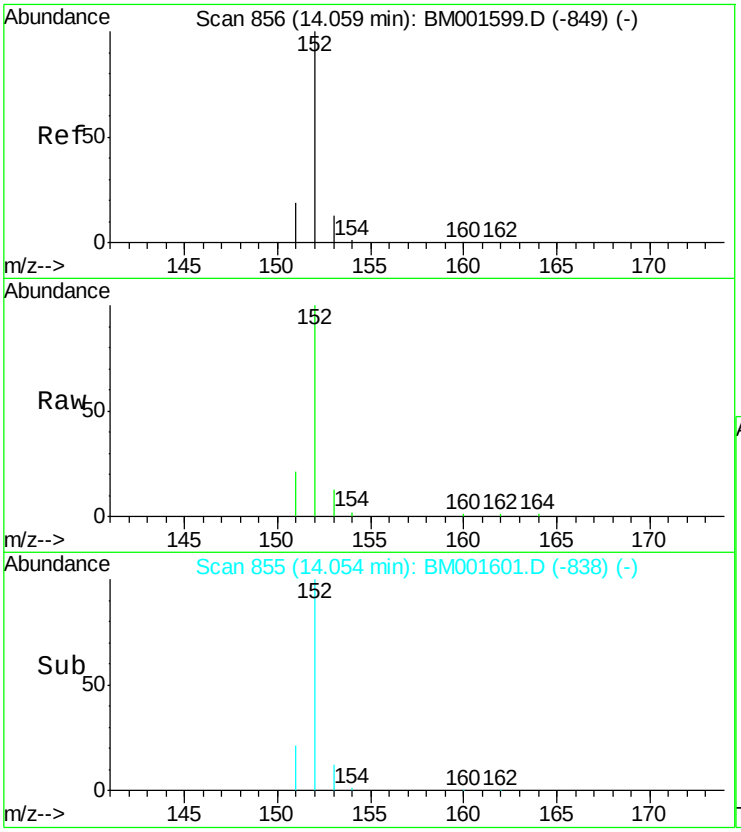


#14
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.97 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:172 Resp: 5347

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.6	44.4
170	21.1	20.6	31.0

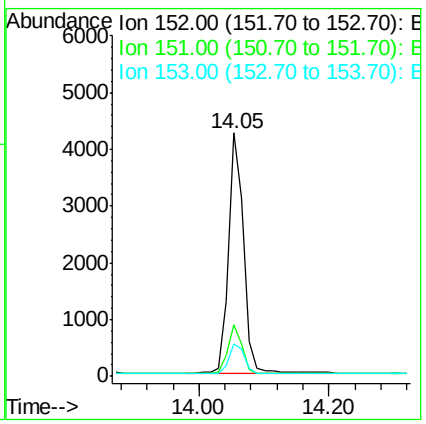




#15
Acenaphthylene
Concen: 0.47 ng
RT: 14.05 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:152 Resp: 6980

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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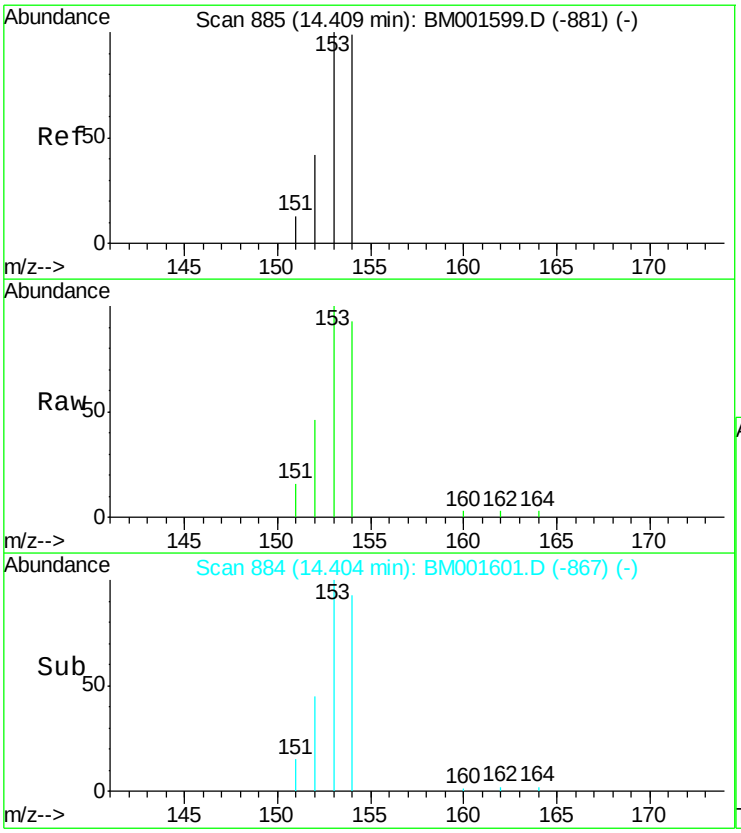
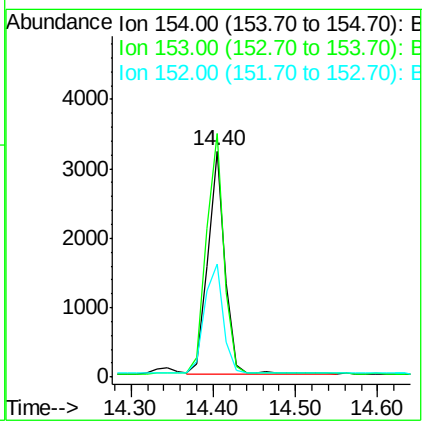
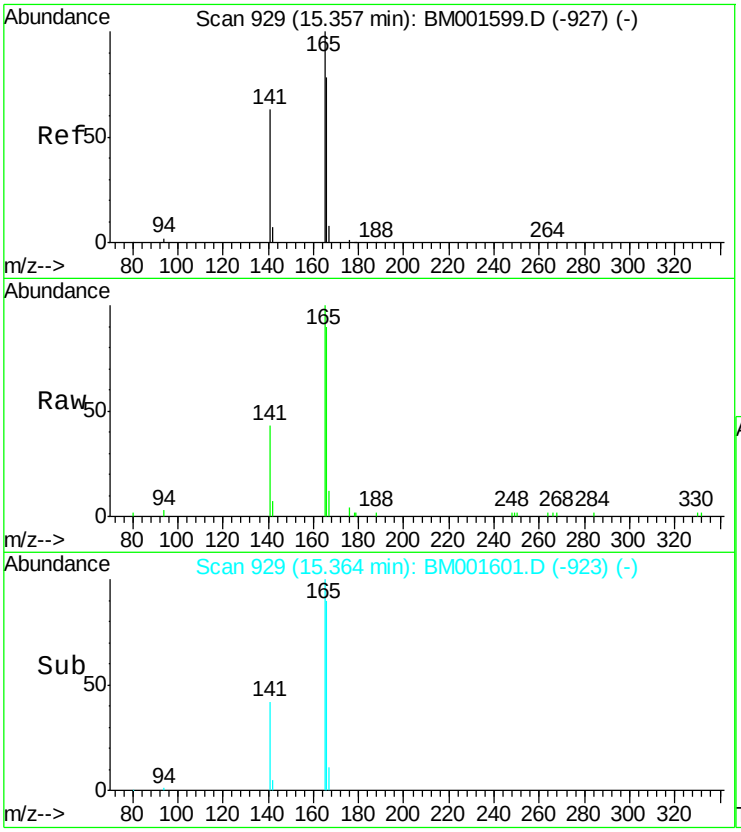


#16
Acenaphthene
Concen: 0.50 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:154 Resp: 4653

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.7	43.6	65.4

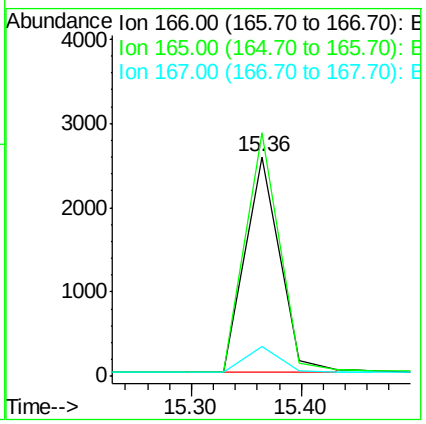




#17
Fluorene
Concen: 0.81 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:166 Resp: 5523

Ion	Ratio	Lower	Upper
166	100		
165	109.3	87.8	131.8
167	12.2	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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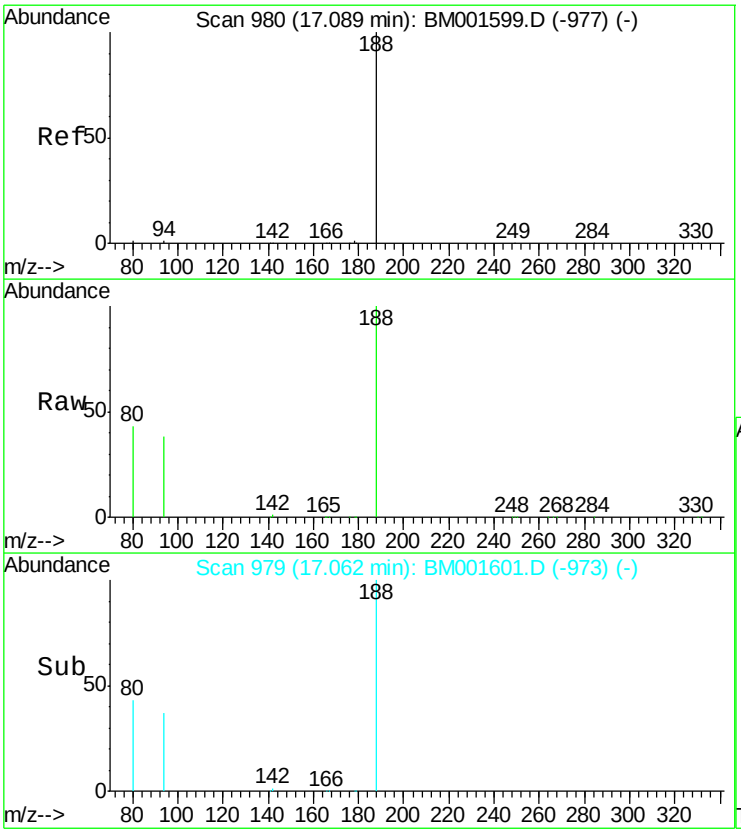
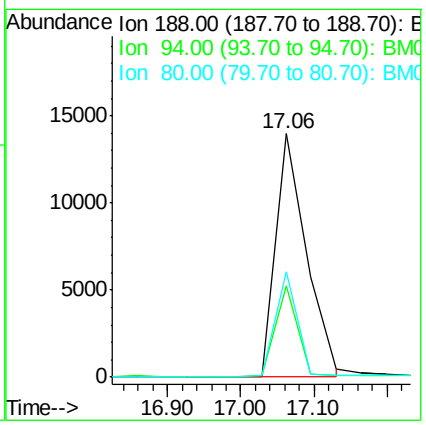
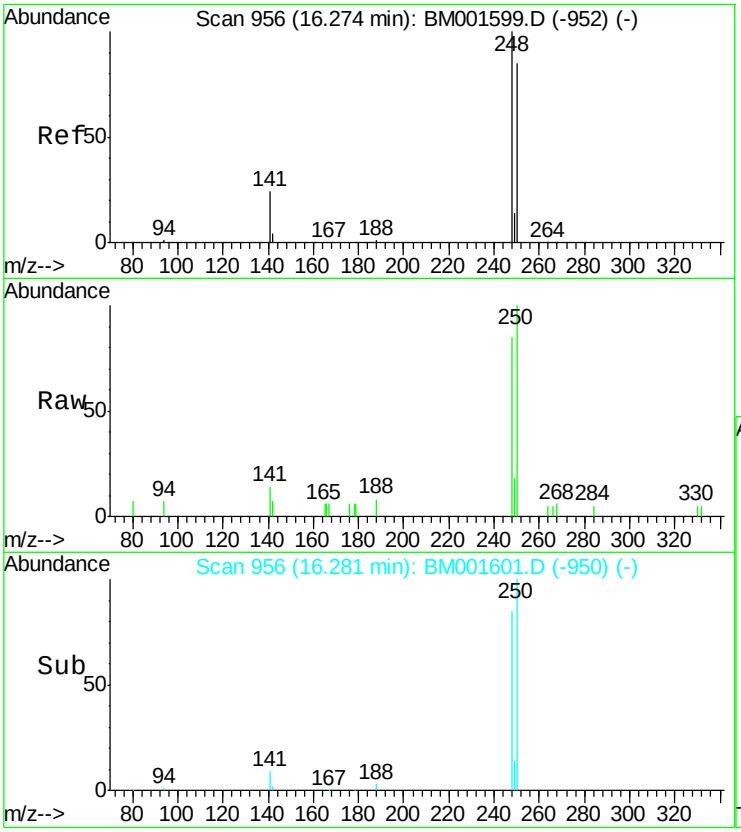


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:188 Resp: 40931

Ion	Ratio	Lower	Upper
188	100		
94	37.7	1.0	1.6#
80	43.0	1.0	1.4#

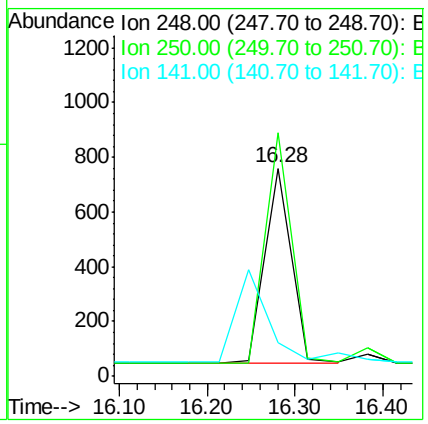




#19
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:248 Resp: 1522

Ion	Ratio	Lower	Upper
248	100		
250	116.5	68.6	103.0#
141	0.0	25.5	38.3#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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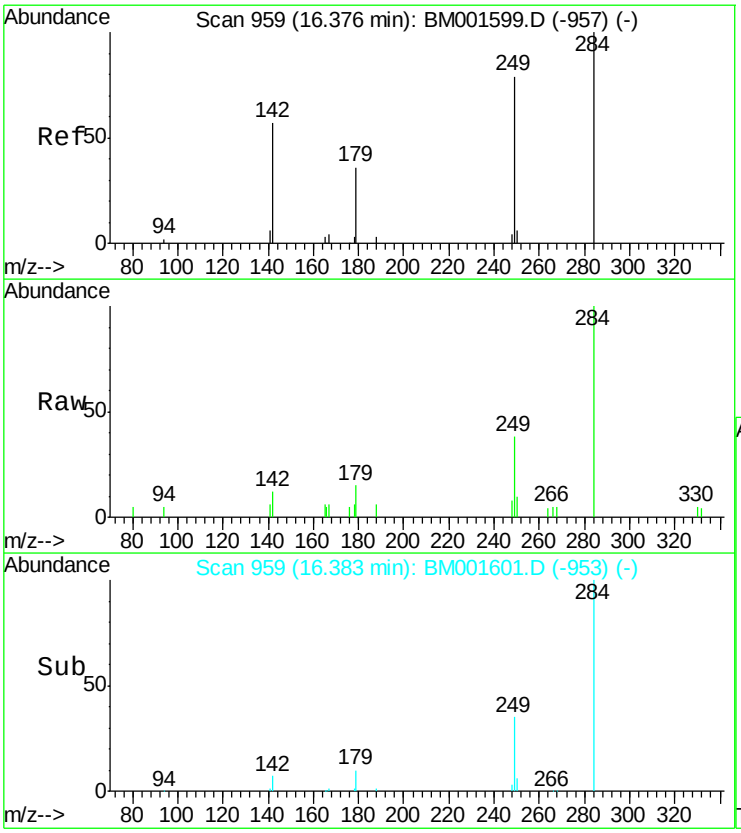
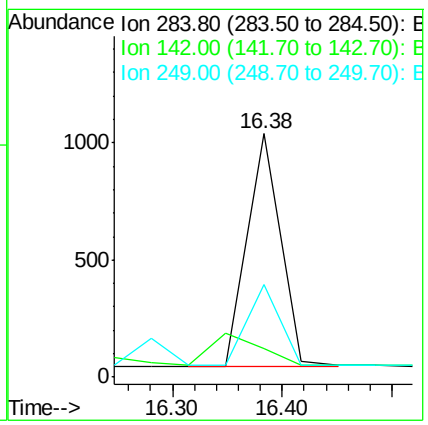
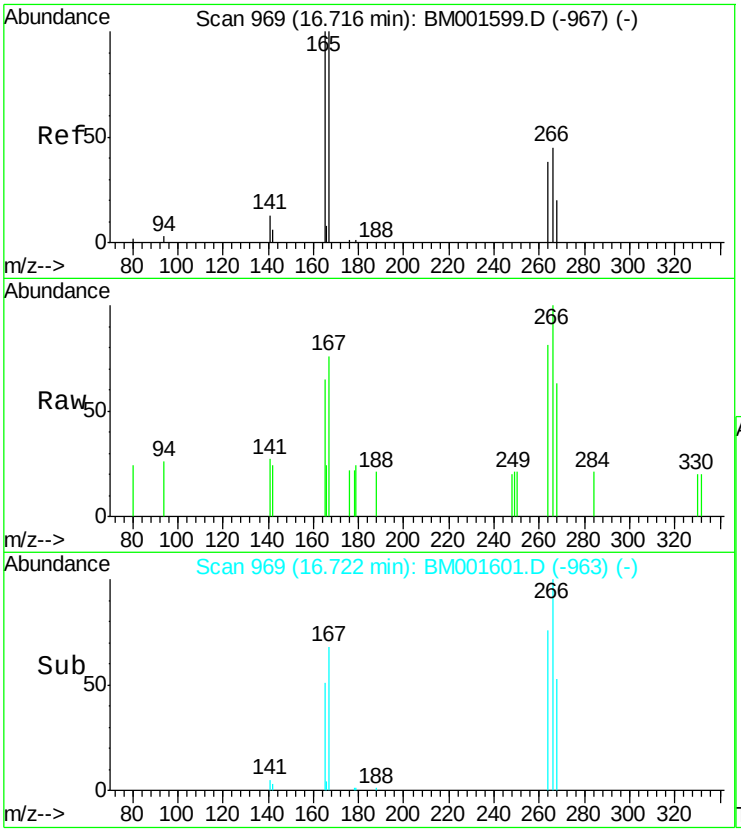


#20
Hexachlorobenzene
Concen: 0.87 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:284 Resp: 2071

Ion	Ratio	Lower	Upper
284	100		
142	0.0	47.3	70.9#
249	46.3	75.8	113.6#

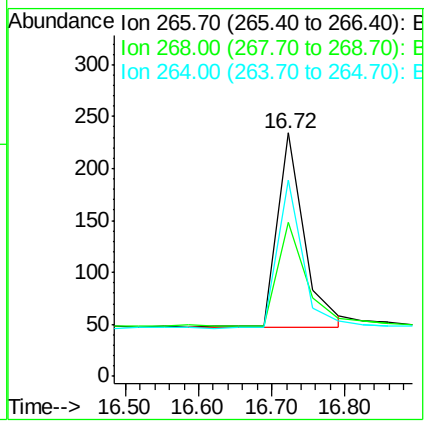




#21
Pentachlorophenol
Concen: 0.68 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:266 Resp: 483

Ion	Ratio	Lower	Upper
266	100		
268	63.2	45.8	68.8
264	80.8	70.6	106.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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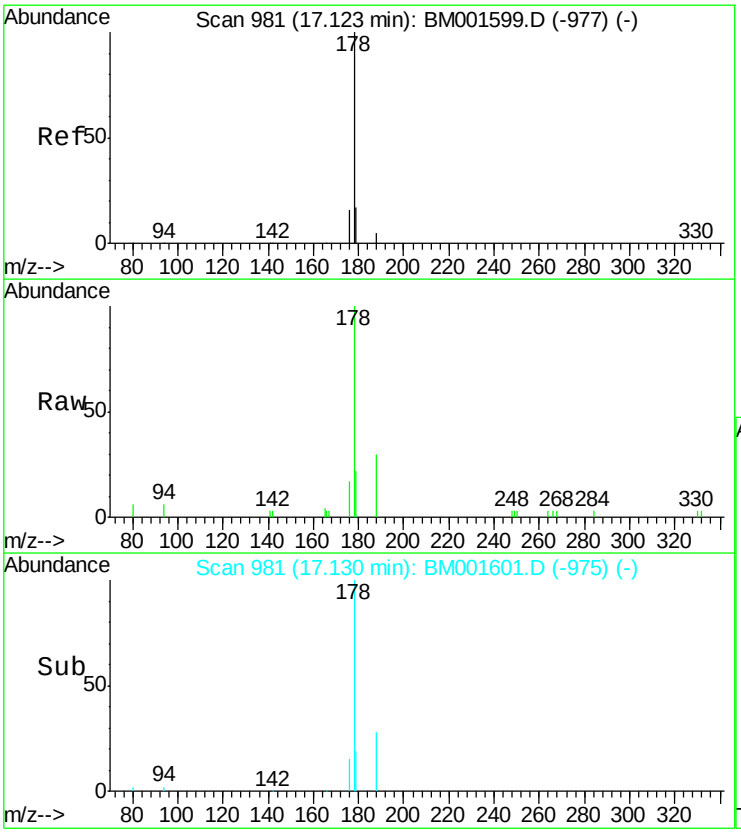
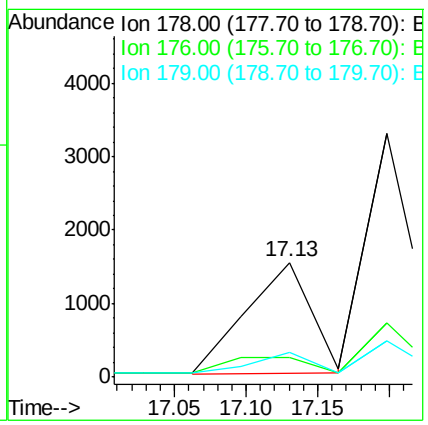
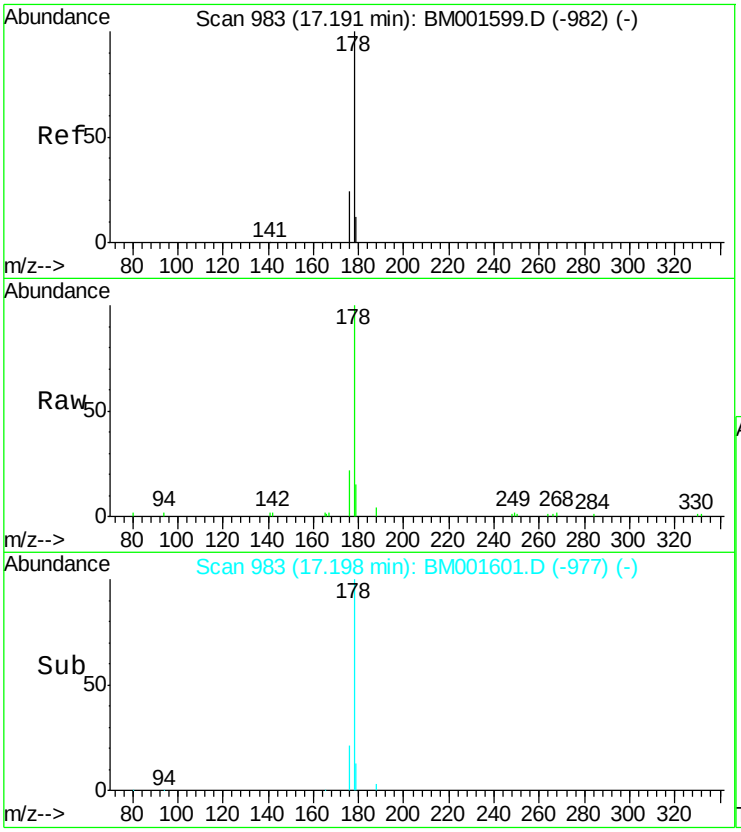


#22
Phenanthrene
Concen: 0.31 ng m
RT: 17.13 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:178 Resp: 4779

Ion	Ratio	Lower	Upper
178	100		
176	0.0	13.2	19.8#
179	0.0	13.8	20.8#

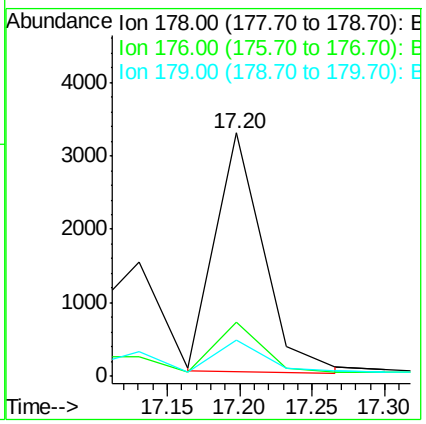




#23
Anthracene
Concen: 0.81 ng m
RT: 17.20 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:178 Resp: 7498

Ion	Ratio	Lower	Upper
178	100		
176	32.4	21.9	32.9
179	0.0	23.0	34.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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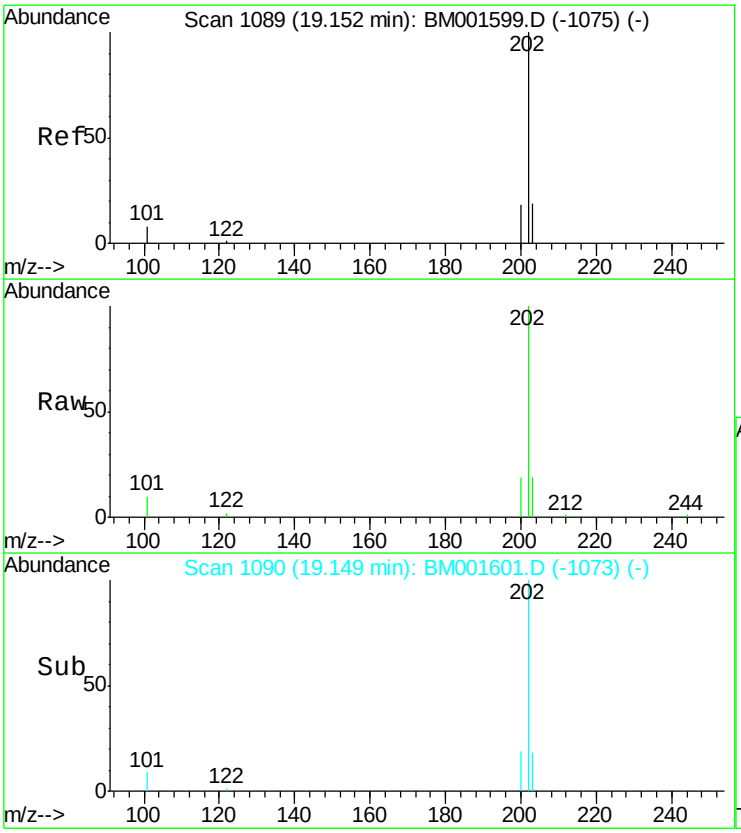
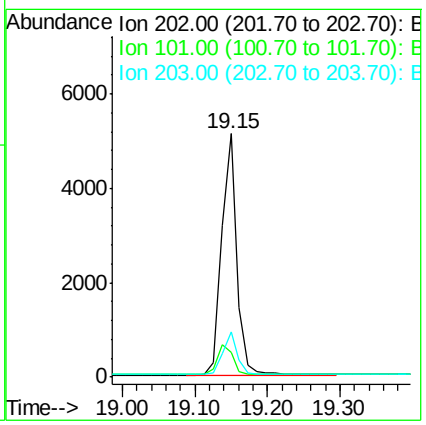
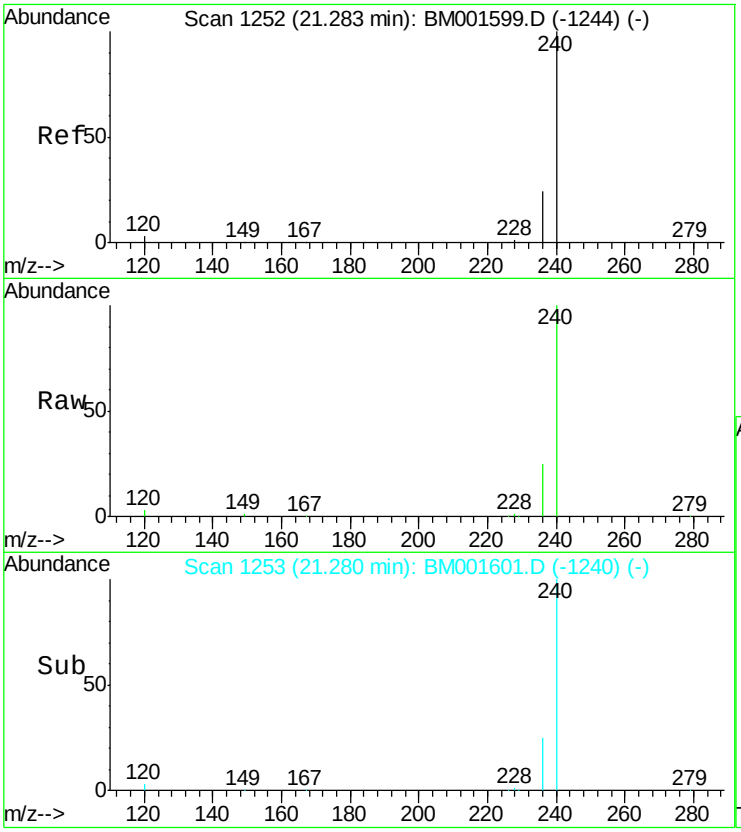


#24
Fluoranthene
Concen: 0.48 ng
RT: 19.15 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:202 Resp: 7531

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
203	17.2	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:240 Resp: 49374

Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.2	3.4#
236	25.3	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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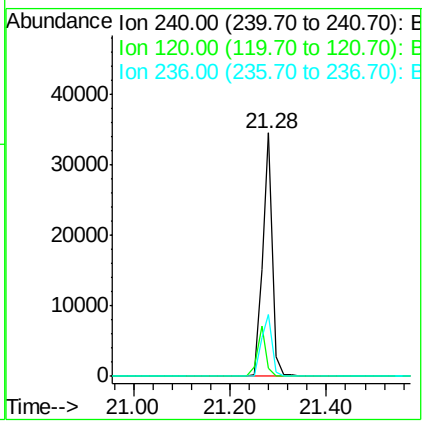
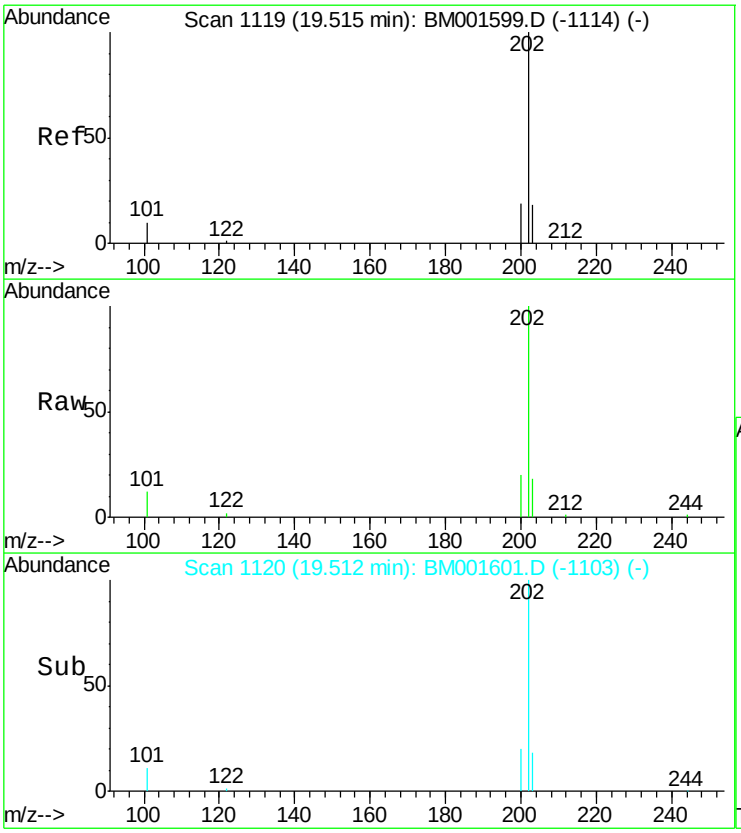
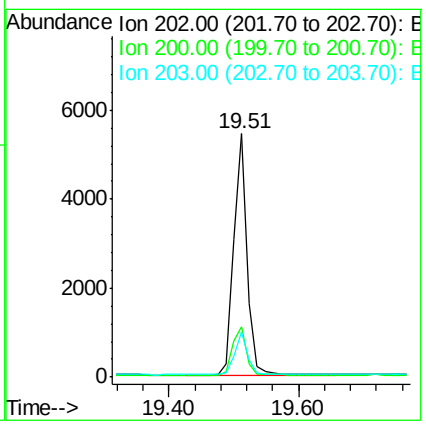


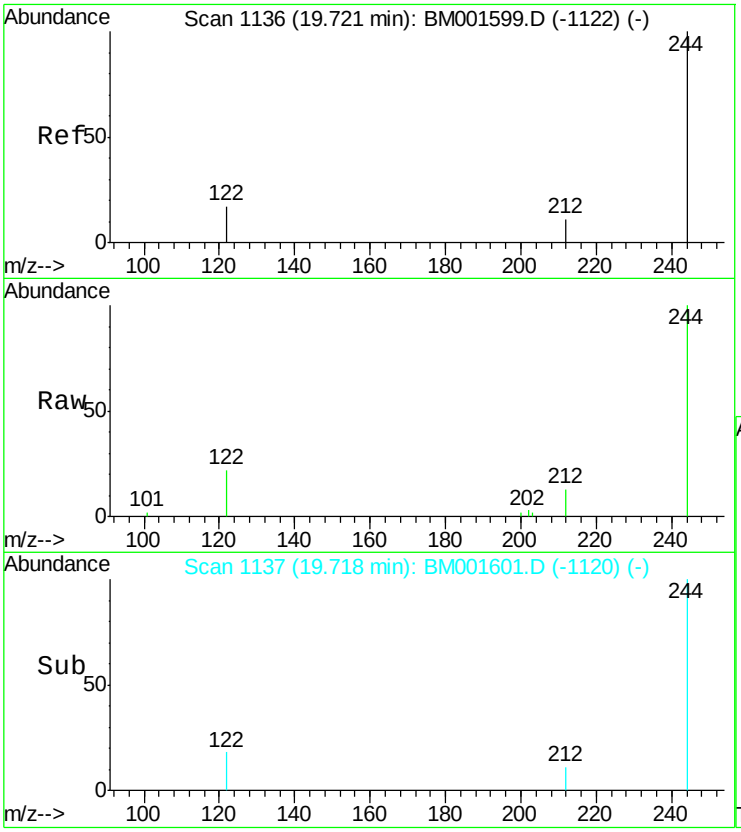


#26
Pyrene
Concen: 0.48 ng
RT: 19.51 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:202 Resp: 7755

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.0	21.0





#27
Terphenyl-d14
Concen: 0.49 ng
RT: 19.72 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:244 Resp: 3178

Ion	Ratio	Lower	Upper
244	100		
212	13.0	9.2	13.8
122	22.1	14.5	21.7#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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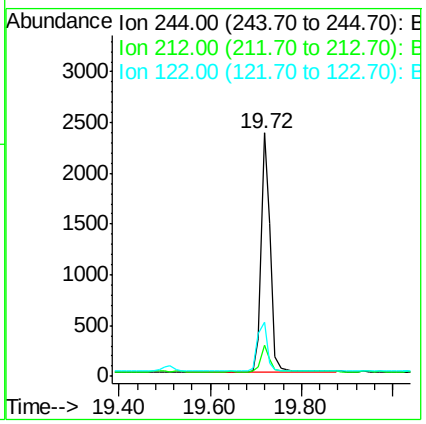
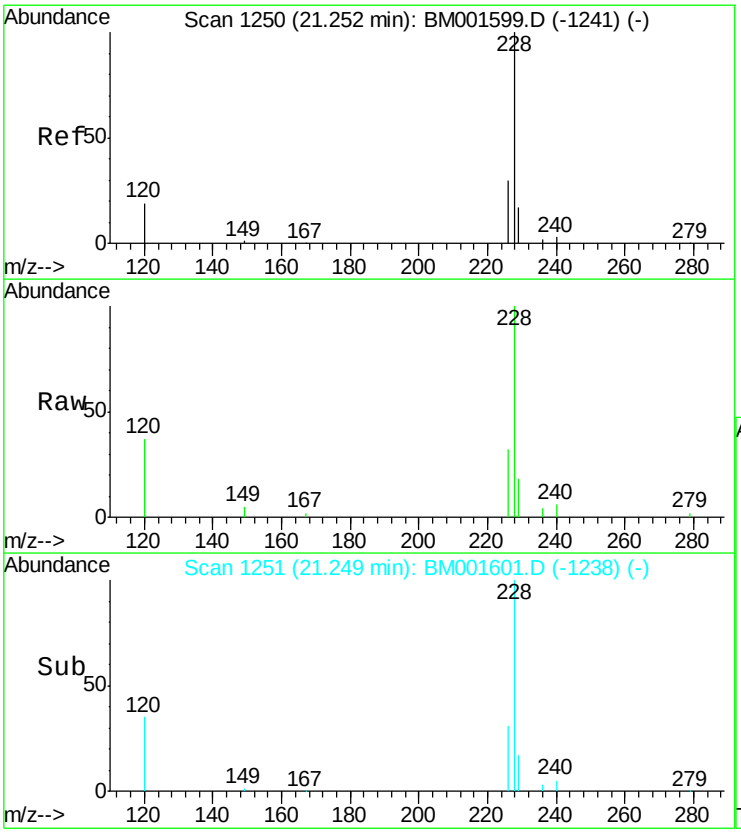
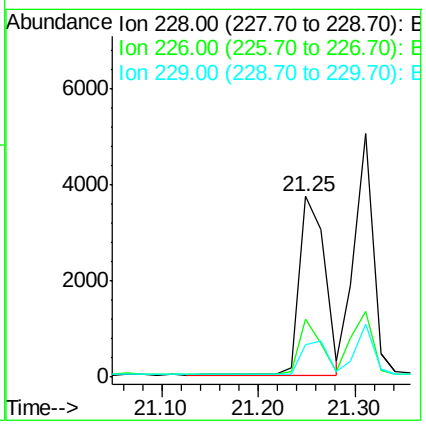


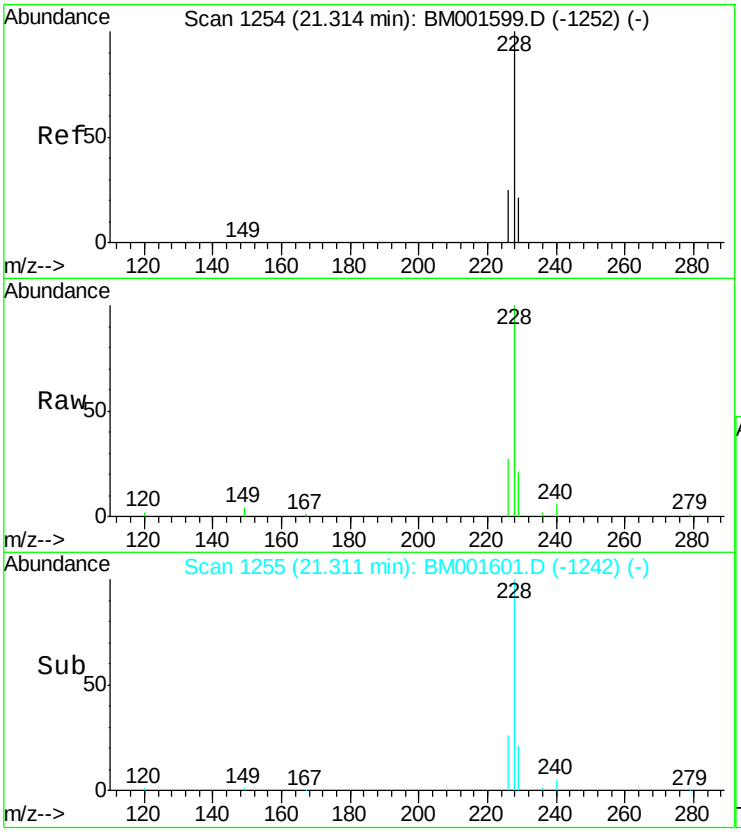


#28
Benzo(a)anthracene
Concen: 0.46 ng
RT: 21.25 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:228 Resp: 6678

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	17.7	13.8	20.8

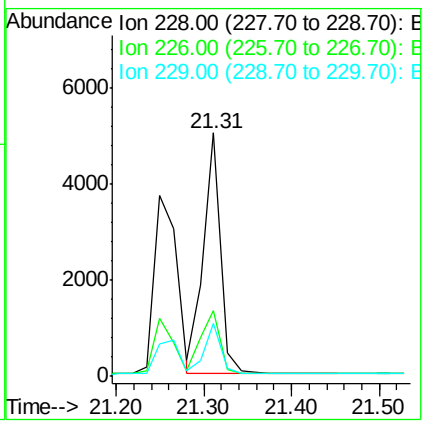




#29
Chrysene
Concen: 0.51 ng
RT: 21.31 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:228 Resp: 6897

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.6	31.0
229	21.5	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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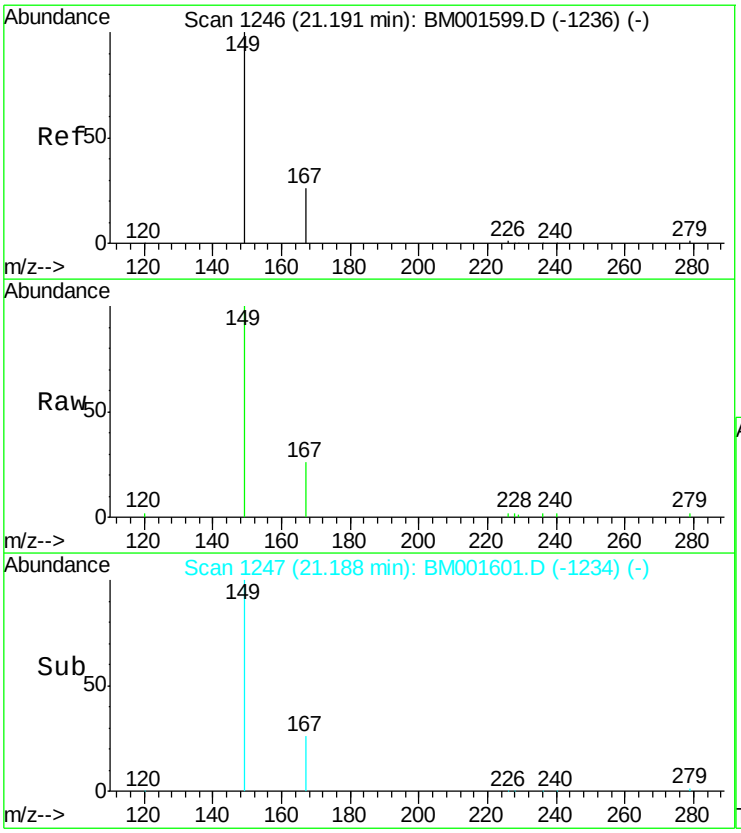
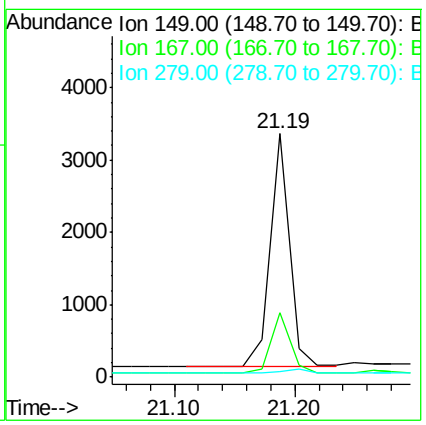
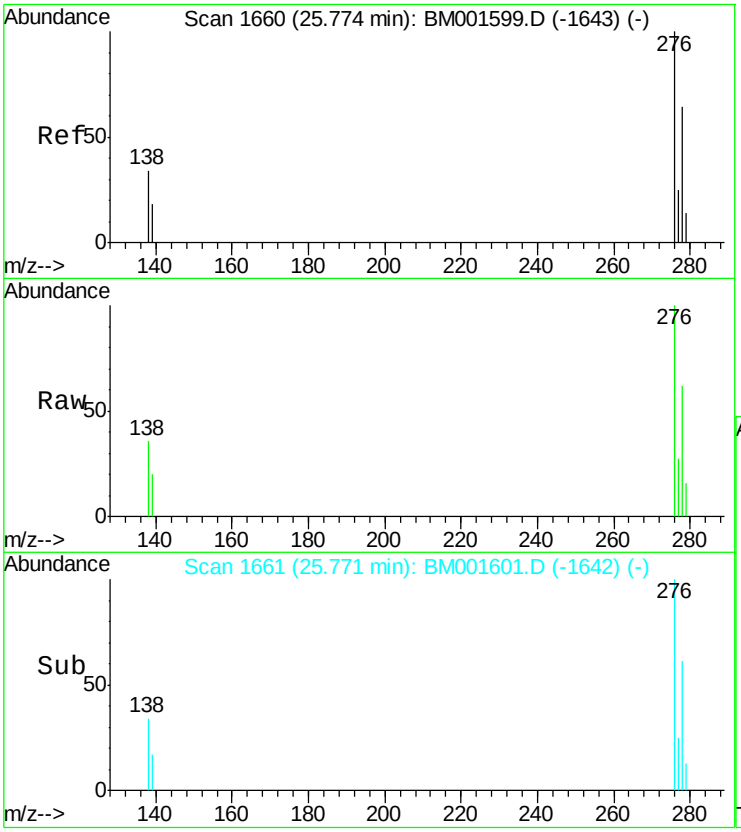


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.19 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:149 Resp: 3615

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.4
279	2.3	1.7	2.5

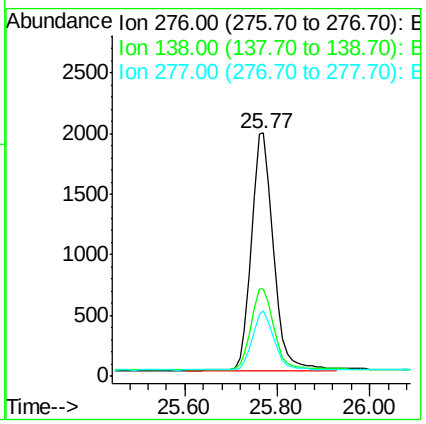




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 25.77 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:276 Resp: 6493

Ion	Ratio	Lower	Upper
276	100		
138	35.5	28.2	42.2
277	24.6	19.4	29.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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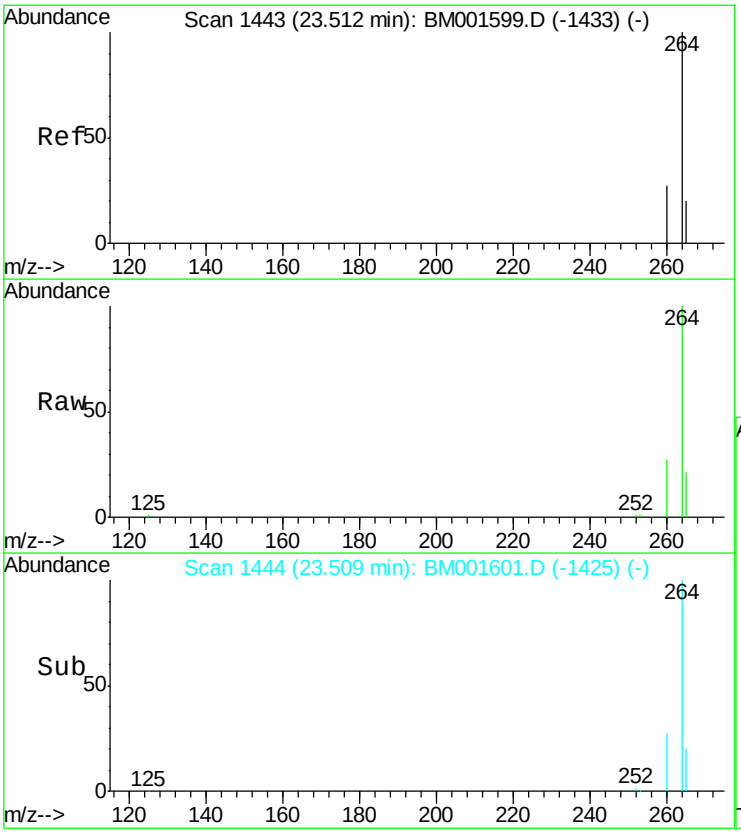
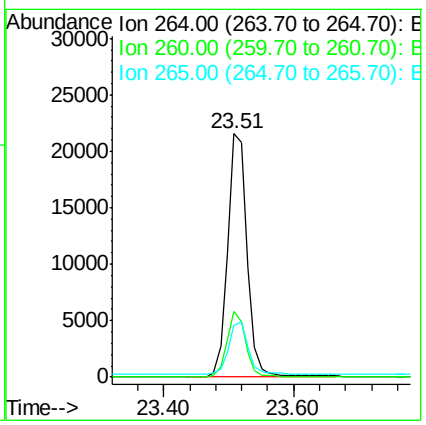
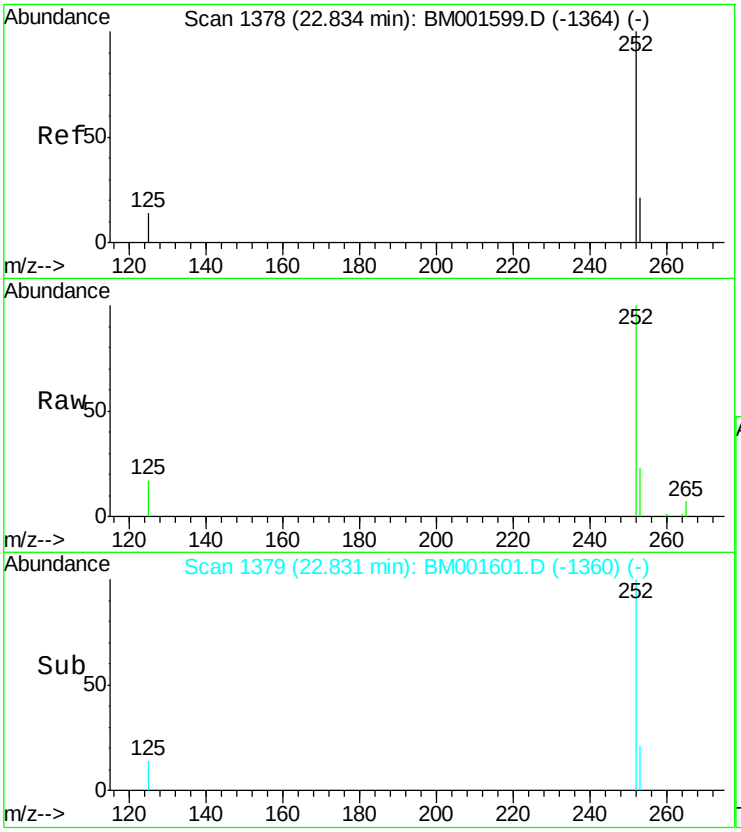


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:264 Resp: 44000

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.6
265	21.2	16.8	25.2

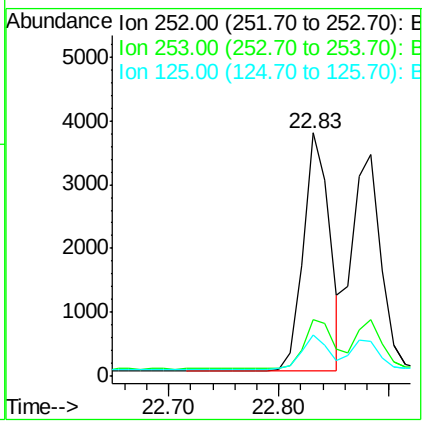




#33
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.83 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:252 Resp: 6189

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	16.9	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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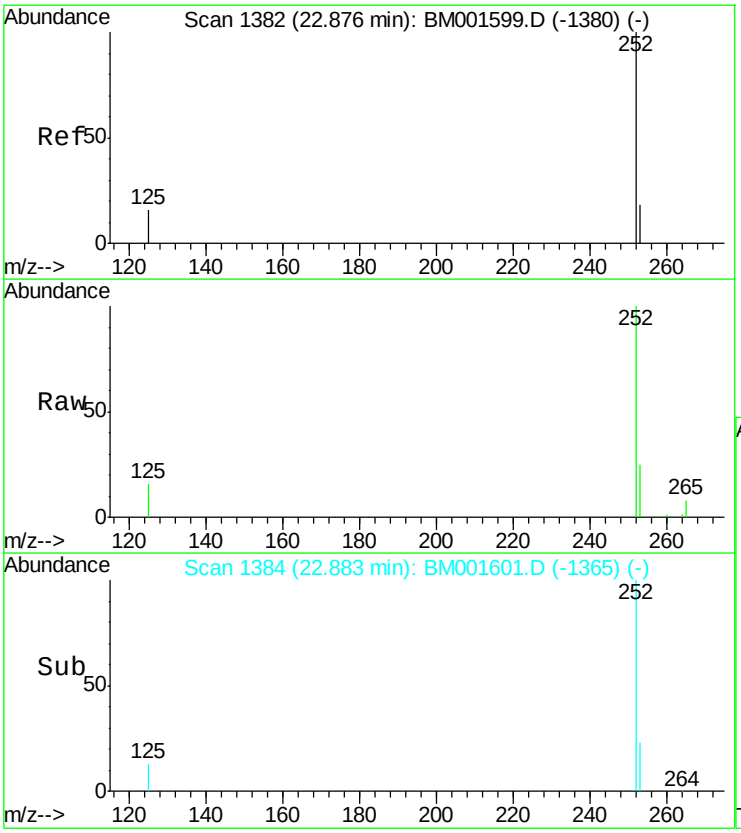
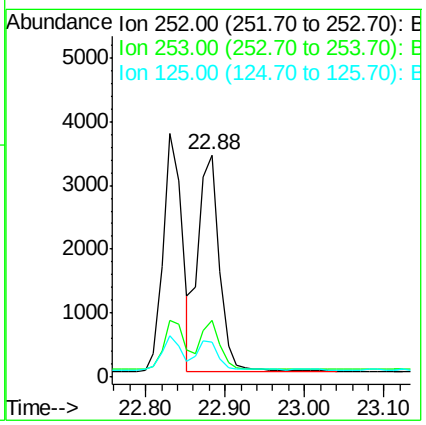
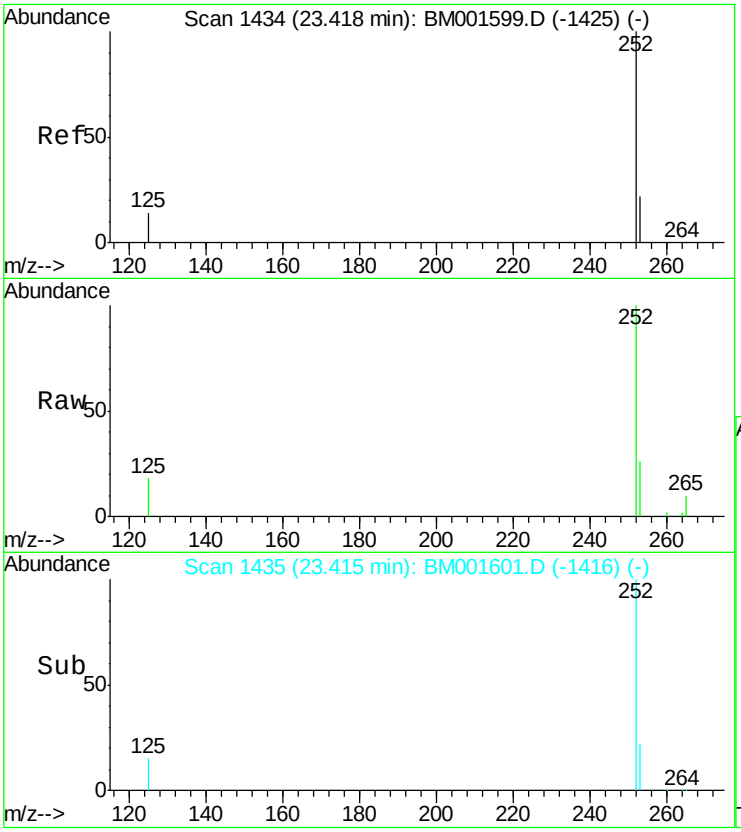


#34
Benzo(k)fluoranthene
Concen: 0.49 ng
RT: 22.88 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:252 Resp: 6263

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	15.7	12.8	19.2

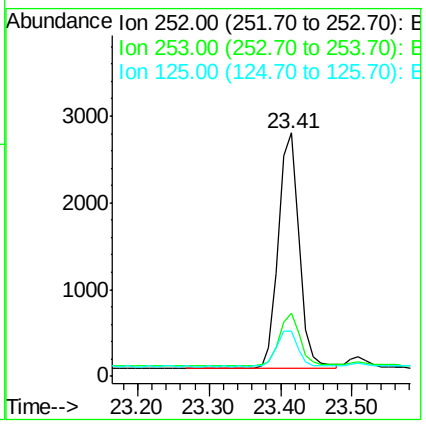




#35
Benzo(a)pyrene
Concen: 0.47 ng
RT: 23.41 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:252 Resp: 5518

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.0
125	18.5	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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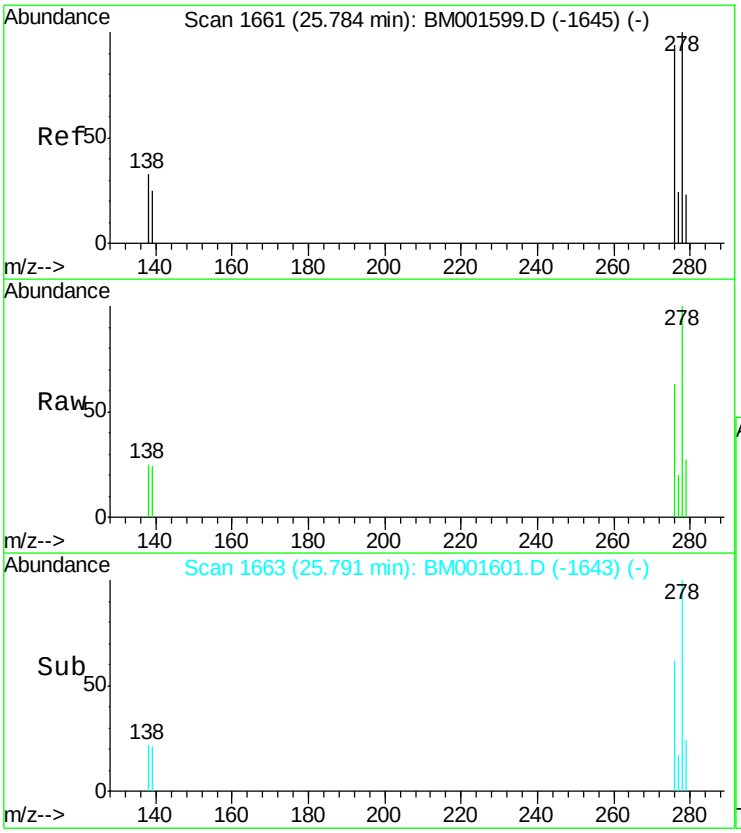
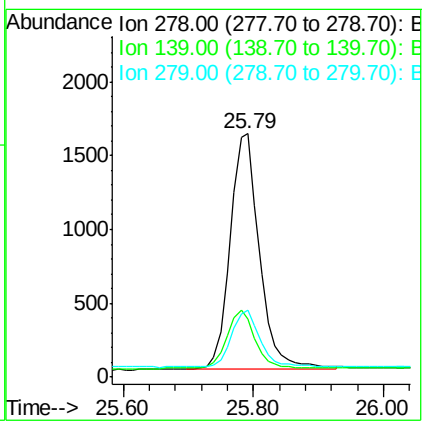
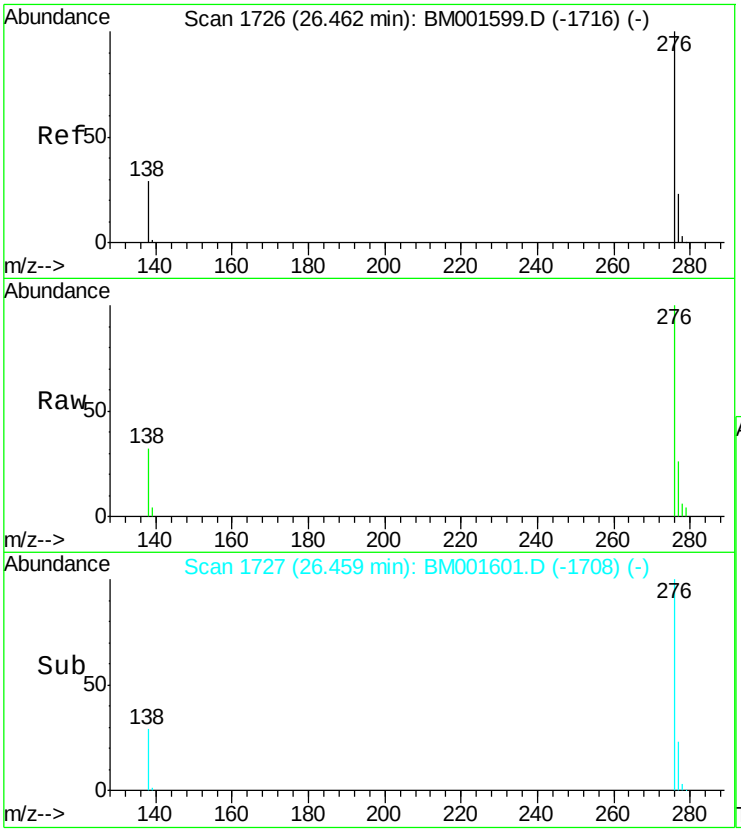


#36
Dibenzo(a,h)anthracene
Concen: 0.47 ng
RT: 25.79 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:278 Resp: 4975

Ion	Ratio	Lower	Upper
278	100		
139	23.6	20.6	31.0
279	27.3	19.7	29.5

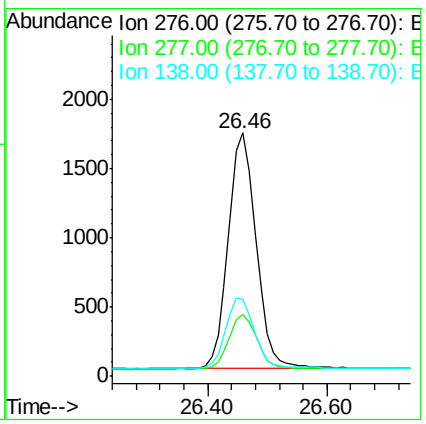




#37
Benzo(g,h,i)perylene
Concen: 0.48 ng
RT: 26.46 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:276 Resp: 5510

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	31.6	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
apatel
6/10/2015 1:04:19 PM