Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001522.D
Acq On : 02 Jun 2015 20:40
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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Quant Time: Jun 03 02:15:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 15:30:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	17906	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	62937	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	30303	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	92527	5.00	ng		0.00
25) Chrysene-d12	21.30	240	52160	5.00	ng		0.00
32) Perylene-d12	23.54	264	47909	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	787	0.20	ng		-0.02
5) Phenol-d6	6.86	99	966	0.20	ng		0.00
7) Nitrobenzene-d5	8.87	82	790	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.87	330	116	0.18	ng		0.03
14) 2-Fluorobiphenyl	12.98	172	1873	0.21	ng		0.00
27) Terphenyl-d14	19.73	244	1309	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	399	0.22	ng		86
3) n-Nitrosodimethylamine	3.54	42	442	0.17	ng	#	81
8) Nitrobenzene	8.91	77	797	0.19	ng		96
9) Naphthalene	10.54	128	2808	0.21	ng	#	96
10) Hexachlorobutadiene	10.83	225	480	0.21	ng		99
11) 2-Methylnaphthalene	12.17	142	1699	0.20	ng		95
15) Acenaphthylene	14.07	152	2505	0.19	ng		100
16) Acenaphthene	14.42	154	1613	0.20	ng		99
17) Fluorene	15.39	166	2648	0.21	ng		98
19) 4-Bromophenyl-phenylether	16.31	248	265	0.17	ng	#	47
20) Hexachlorobenzene	16.41	284	650	0.20	ng	#	60
21) Pentachlorophenol	16.75	266	220	0.15	ng		95
22) Phenanthrene	17.12	178	3259	0.18	ng		97
23) Anthracene	17.23	178	3589	0.19	ng		100
24) Fluoranthene	19.16	202	3104	0.18	ng		98
26) Pyrene	19.53	202	3210	0.20	ng		100
28) Benzo(a)anthracene	21.27	228	2941	0.21	ng		95
29) Chrysene	21.33	228	2668m	0.20	ng		
30) Bis(2-ethylhexyl)phthalate	21.21	149	2130	0.18	ng		94
31) Indeno(1,2,3-cd)pyrene	25.80	276	3025	0.21	ng	#	93
33) Benzo(b)fluoranthene	22.85	252	2899	0.21	ng	#	79
34) Benzo(k)fluoranthene	22.91	252	2336	0.19	ng	#	76
35) Benzo(a)pyrene	23.44	252	2379	0.20	ng	#	75
36) Dibenzo(a,h)anthracene	25.83	278	2384	0.21	ng	#	82
37) Benzo(g,h,i)perylene	26.50	276	2546	0.21	ng	#	85

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
Data File : BM001522.D
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Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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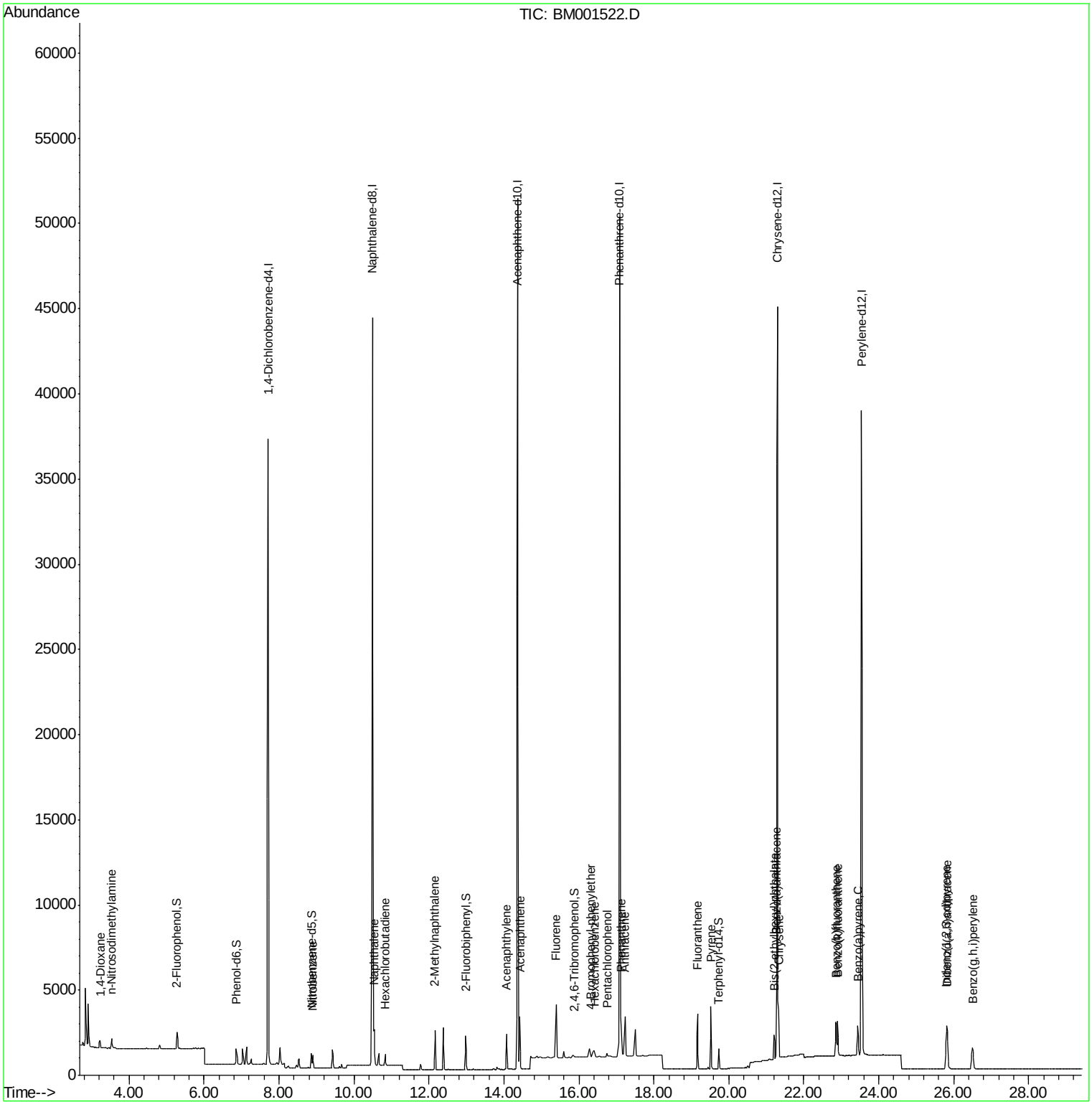
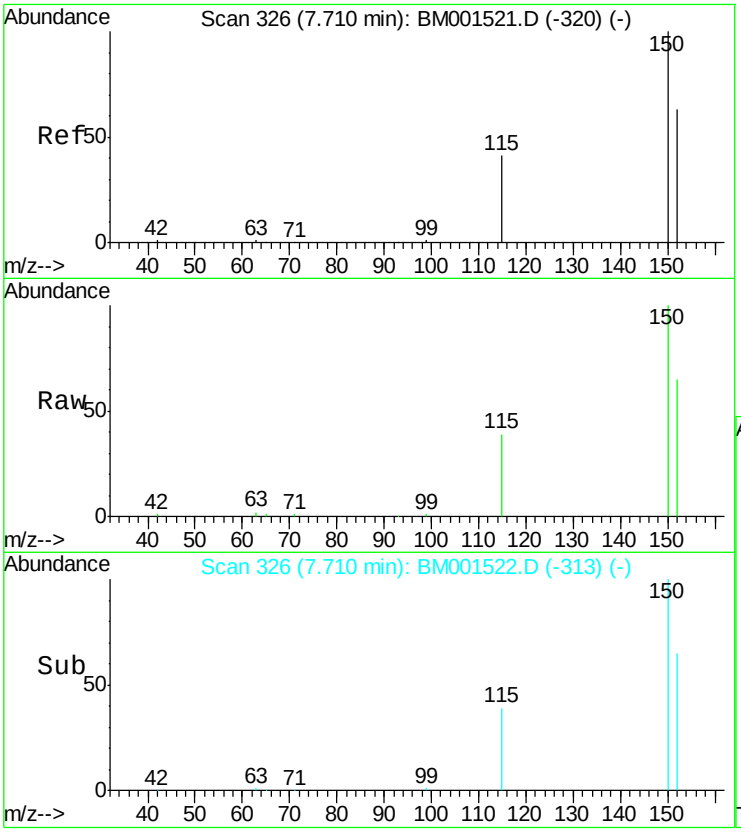
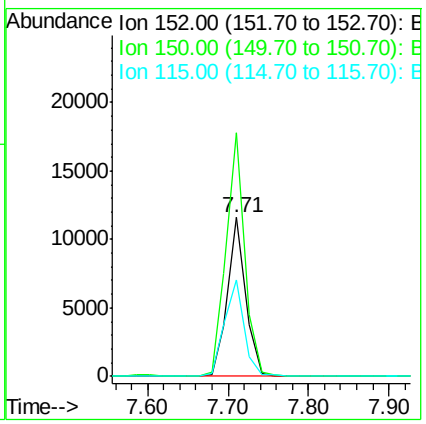




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.71 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:152 Resp: 17906

Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.0	178.6
115	60.5	41.8	62.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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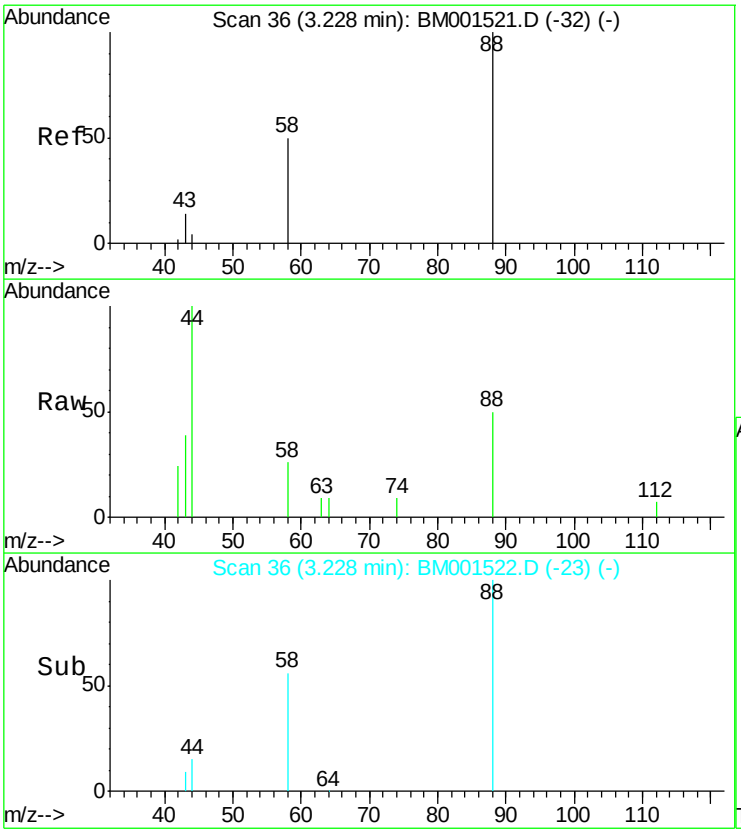
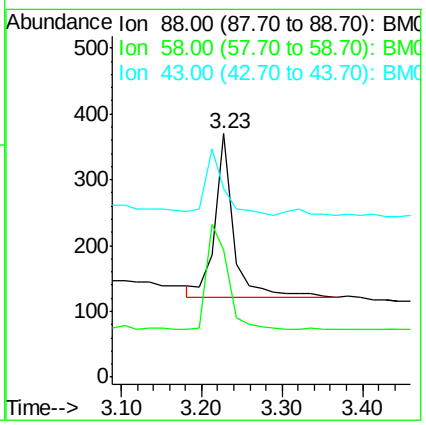
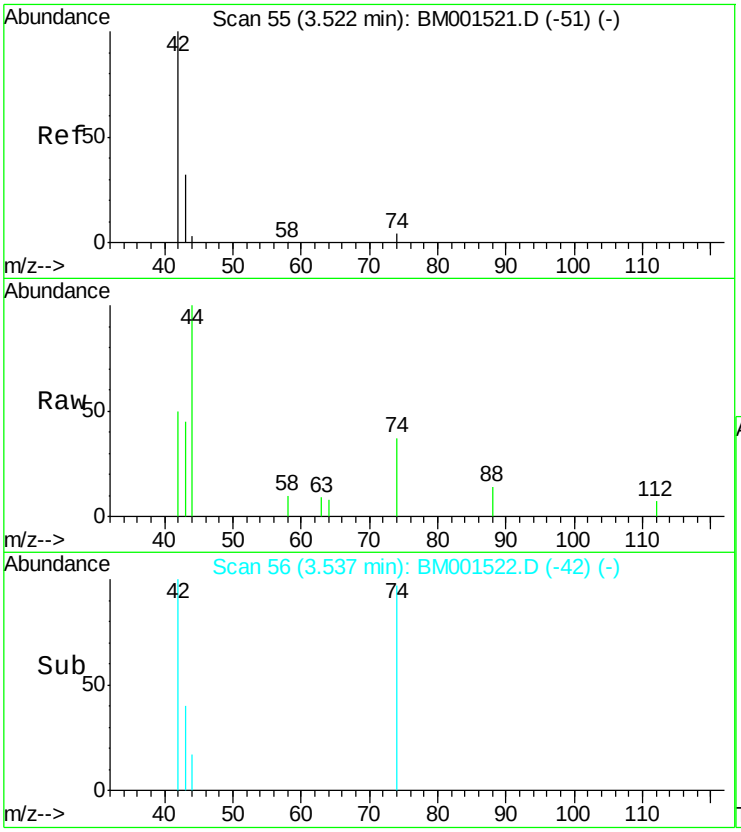


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion: 88 Resp: 399

Ion	Ratio	Lower	Upper
88	100		
58	72.4	71.3	106.9
43	41.1	35.5	53.3

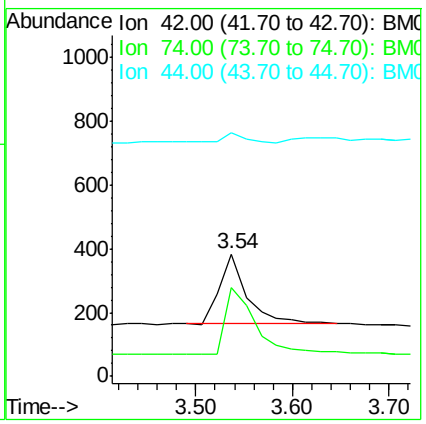




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.54 min Scan# 56
Delta R.T. 0.02 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion: 42 Resp: 442

Ion	Ratio	Lower	Upper
42	100		
74	108.6	72.2	108.2#
44	11.3	6.2	9.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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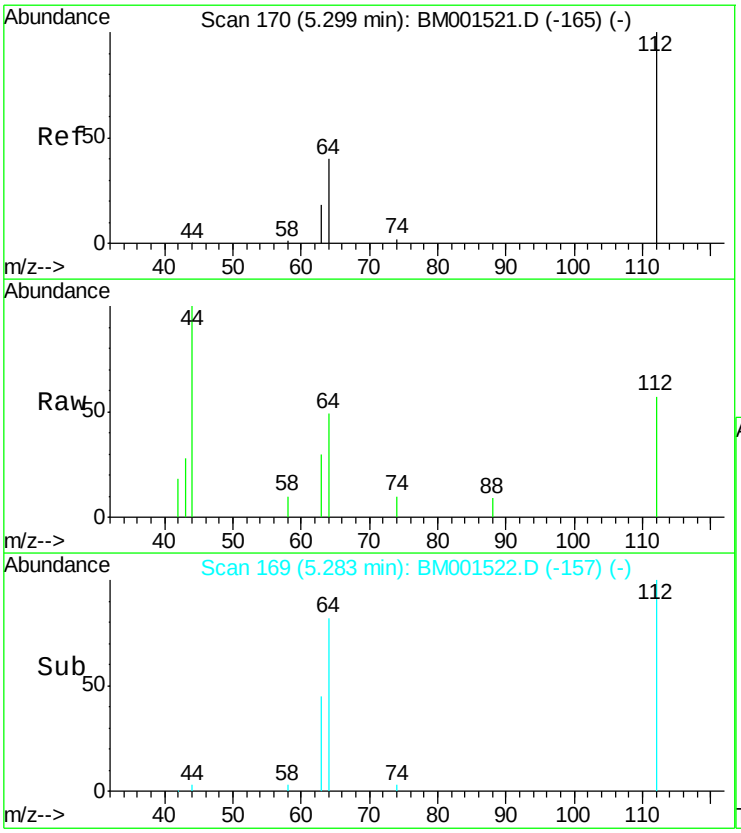
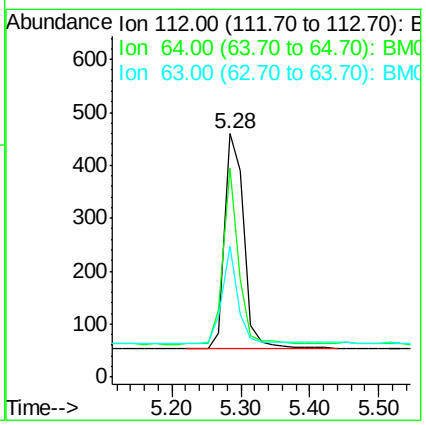
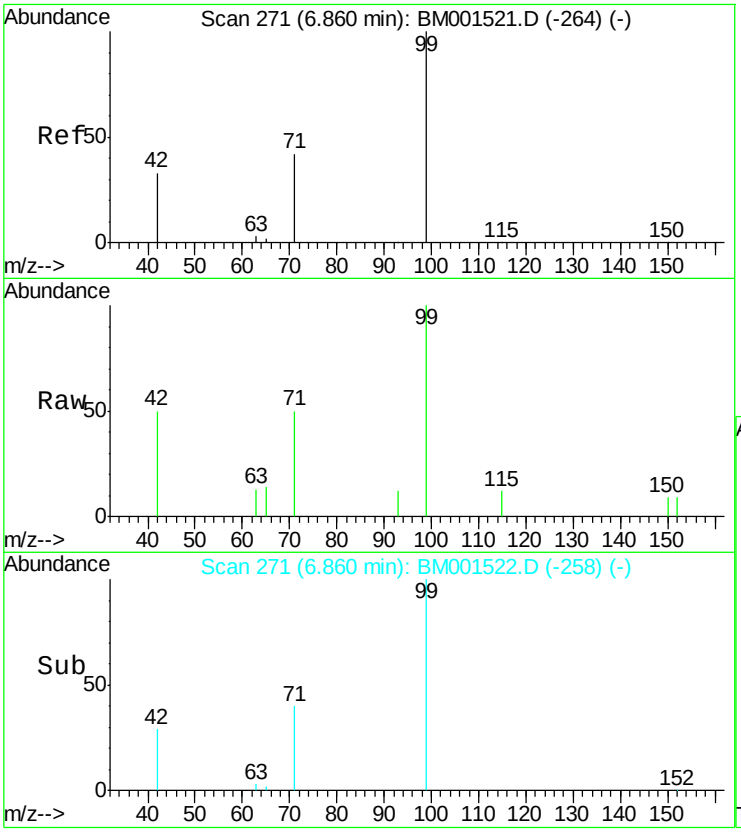


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:112 Resp: 787

Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.7	77.5
63	37.2	29.7	44.5

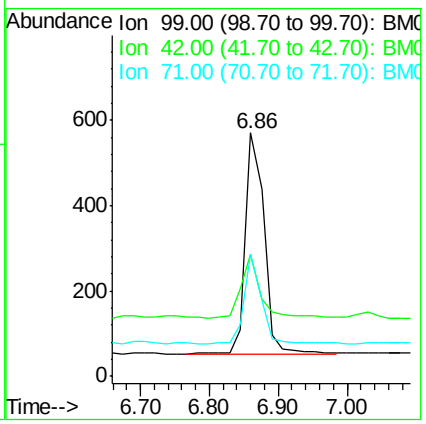




#5
Phenol-d6
Concen: 0.20 ng
RT: 6.86 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion: 99 Resp: 966

Ion	Ratio	Lower	Upper
99	100		
42	30.4	21.8	32.6
71	38.1	29.2	43.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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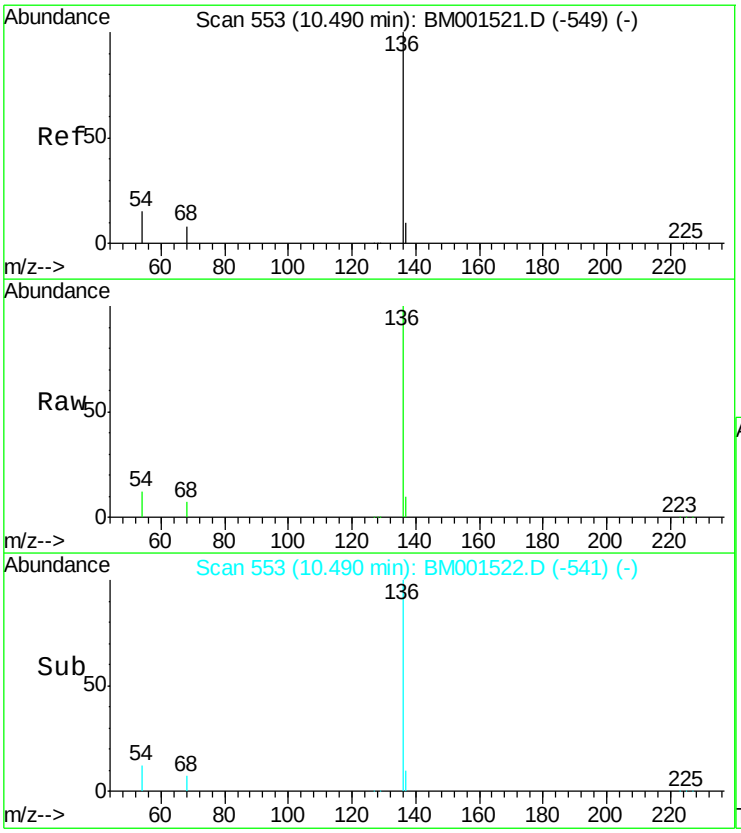
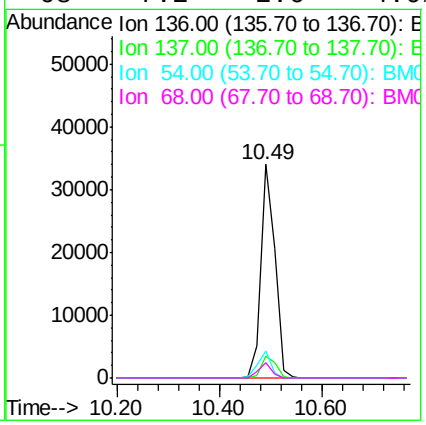
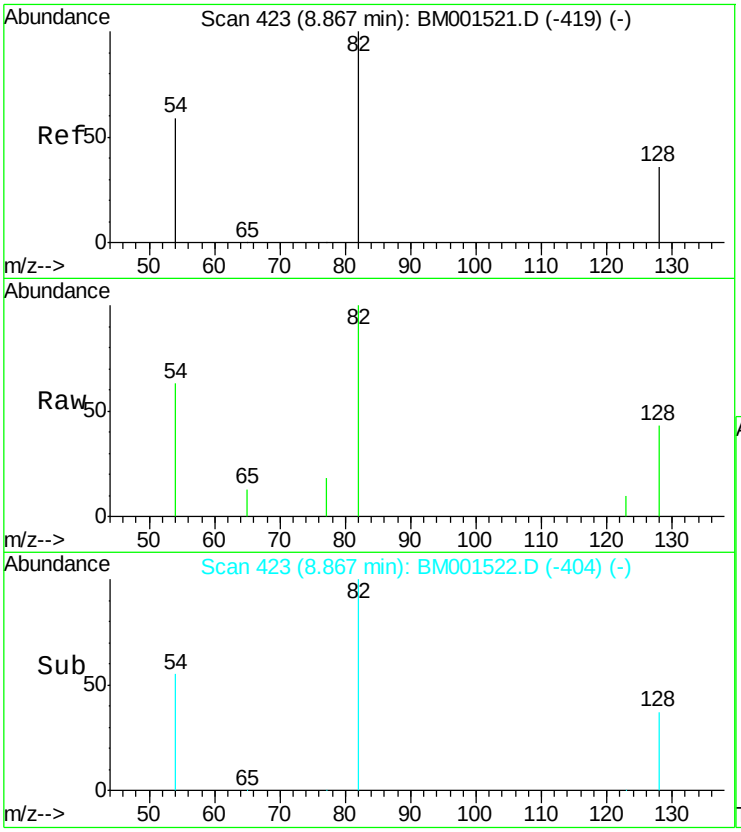


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:136 Resp: 62937

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	12.4	4.3	6.5#
68	7.2	2.6	4.0#

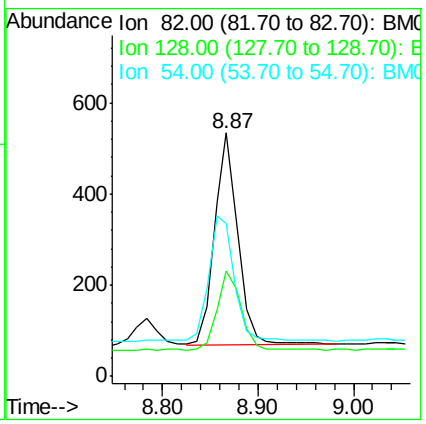




#7
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion: 82 Resp: 790

Ion	Ratio	Lower	Upper
82	100		
128	43.1	30.2	45.4
54	62.7	52.9	79.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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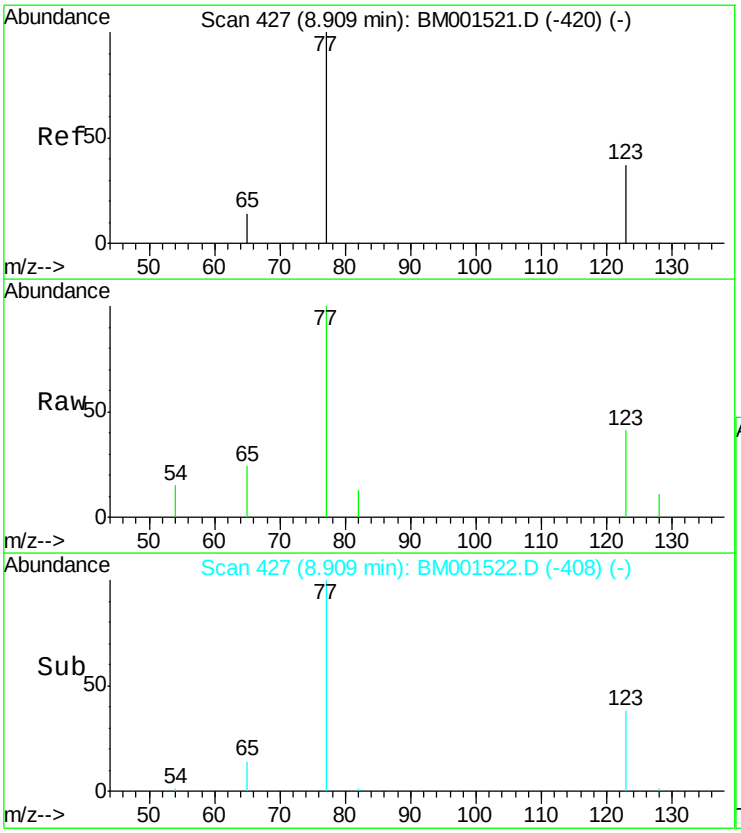
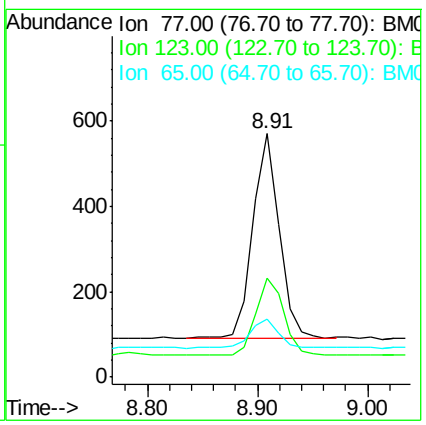
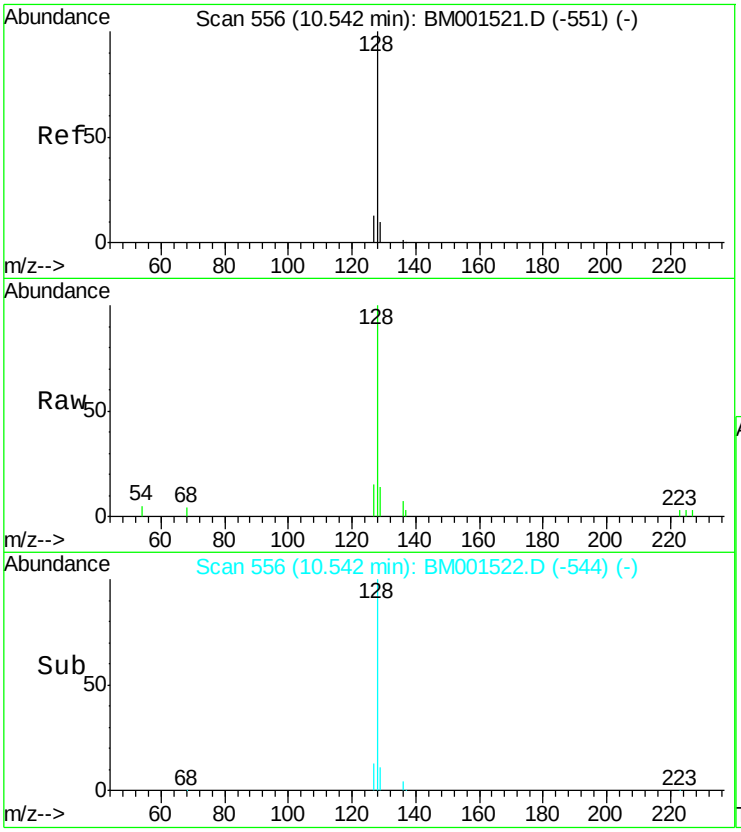


#8
Nitrobenzene
Concen: 0.19 ng
RT: 8.91 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion: 77 Resp: 797

Ion	Ratio	Lower	Upper
77	100		
123	40.0	33.7	50.5
65	16.2	11.3	16.9

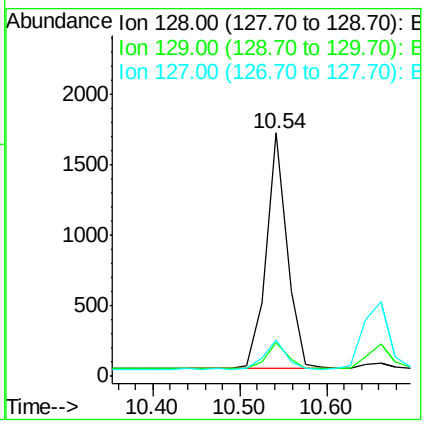




#9
Naphthalene
Concen: 0.21 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:128 Resp: 2808

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.6	13.0#
127	15.1	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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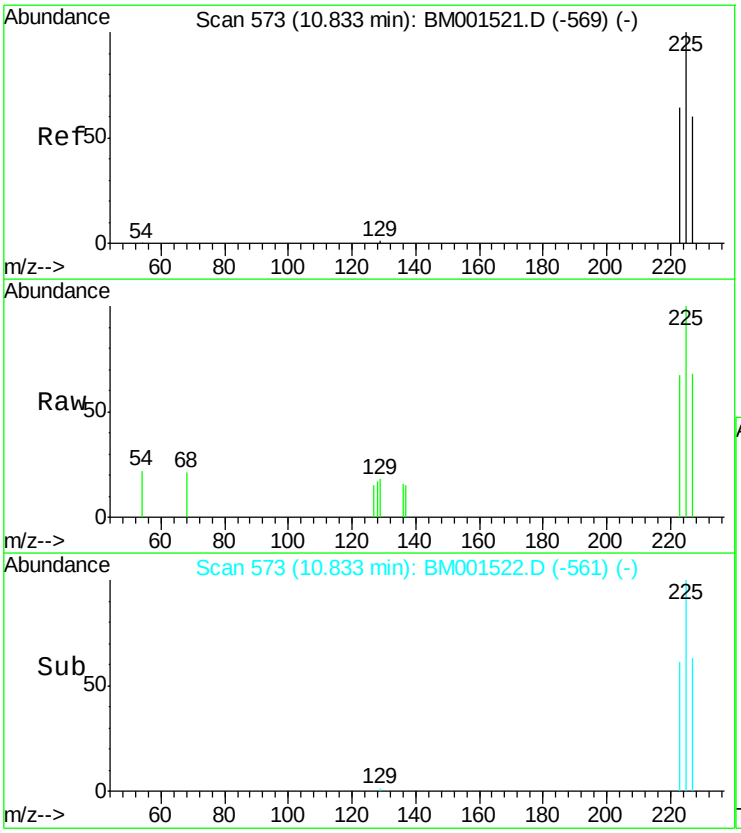
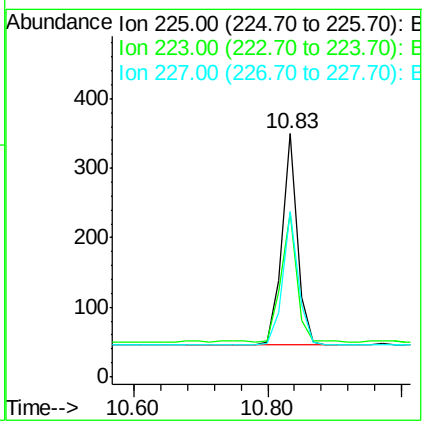
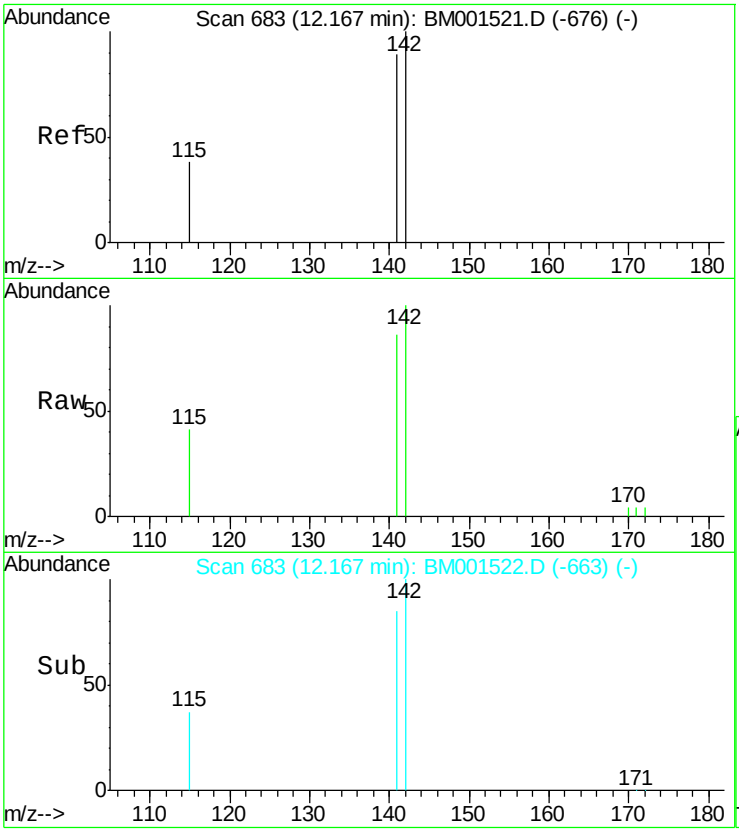


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.83 min Scan# 573
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:225 Resp: 480

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.3	51.1	76.7

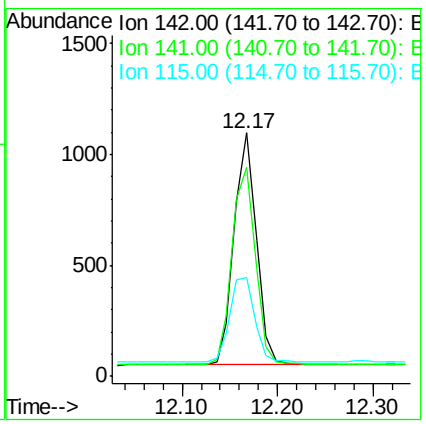




#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.17 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:142 Resp: 1699

Ion	Ratio	Lower	Upper
142	100		
141	85.8	72.6	109.0
115	40.8	31.2	46.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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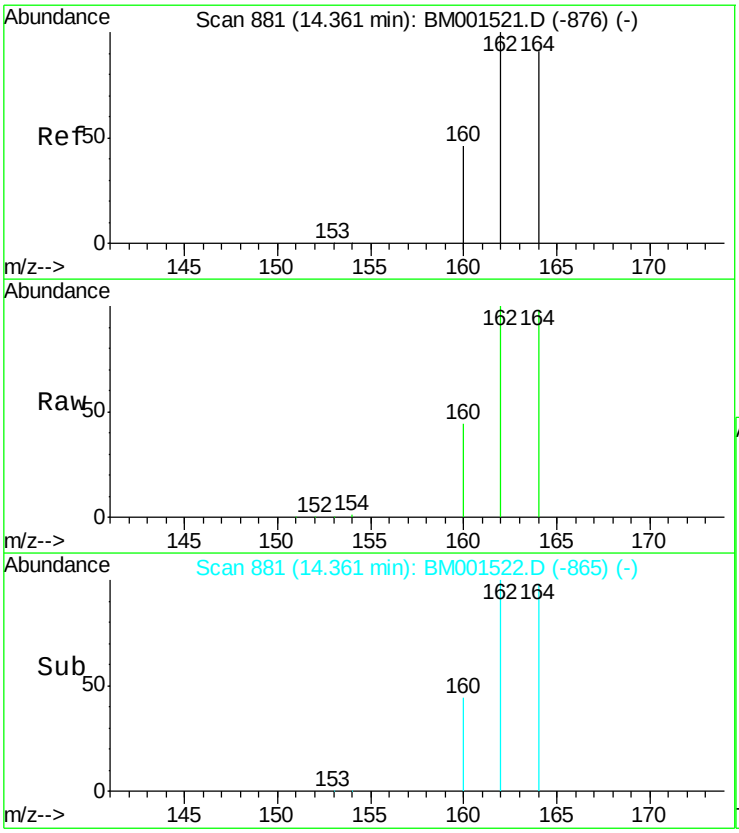
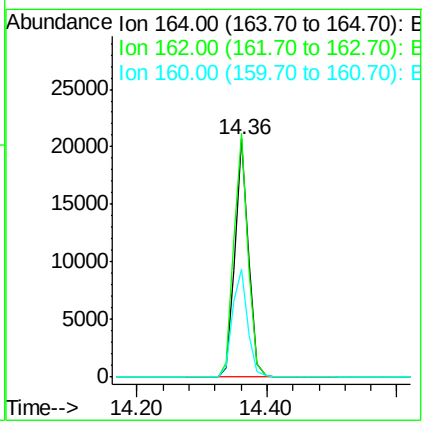
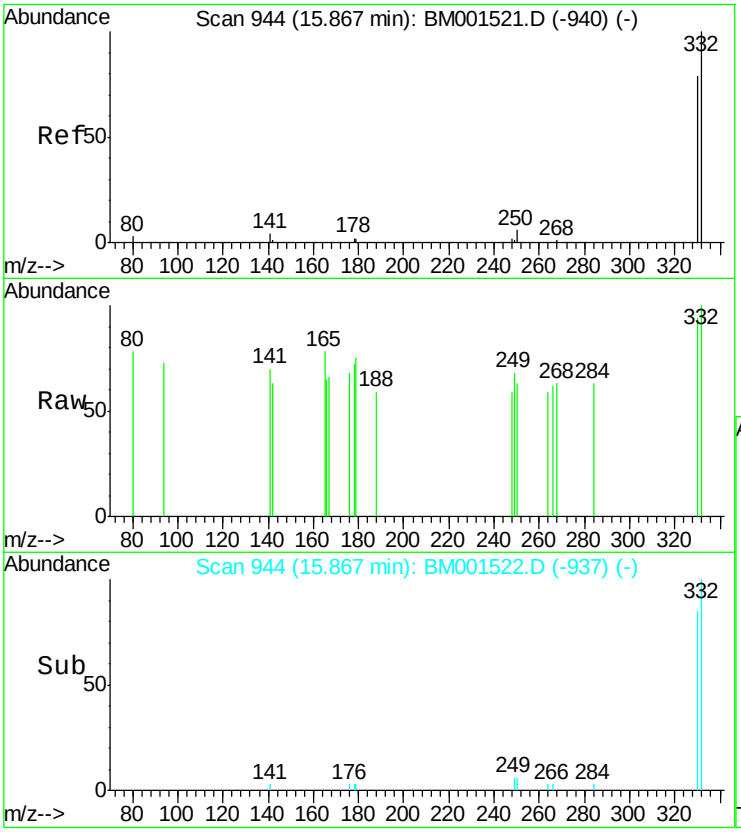


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:164 Resp: 30303

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.4	125.2
160	45.3	36.9	55.3

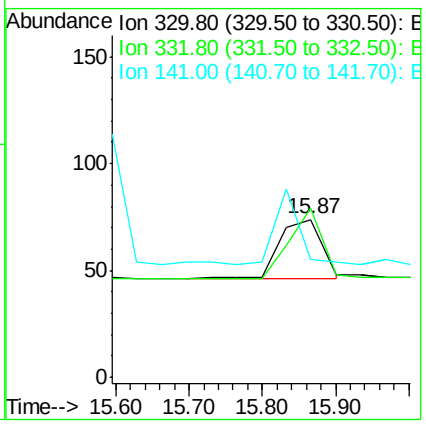




#13
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.87 min Scan# 944
Delta R.T. 0.03 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:330 Resp: 116

Ion	Ratio	Lower	Upper
330	100		
332	89.7	90.3	135.5#
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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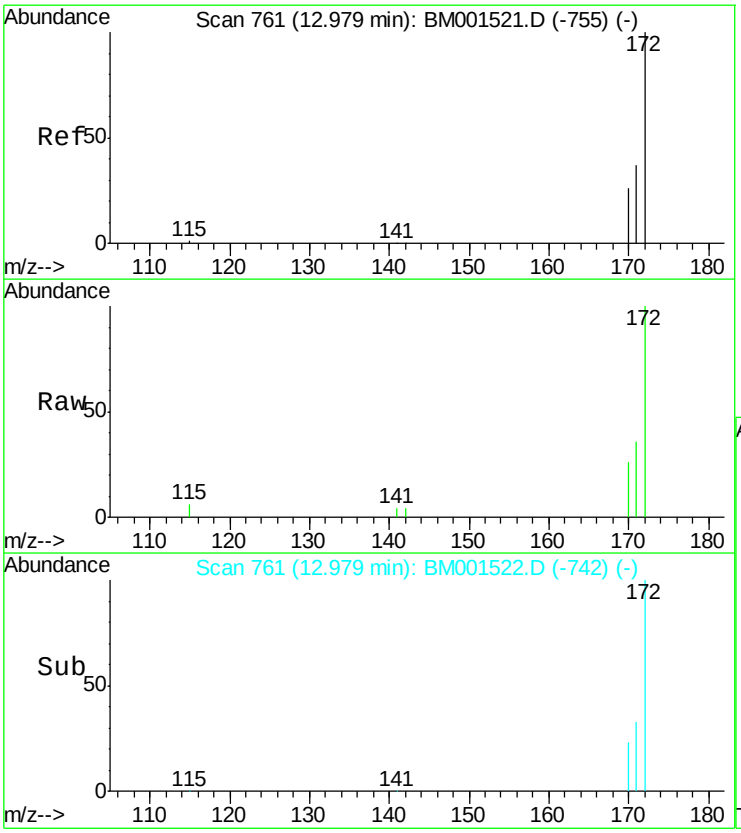
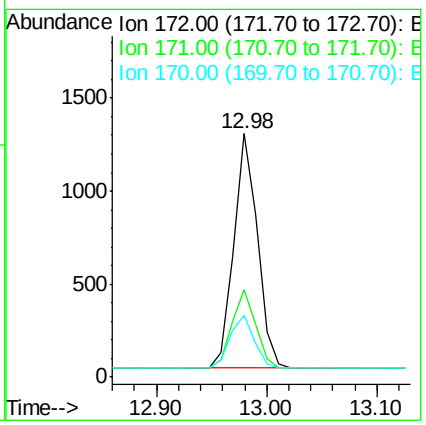
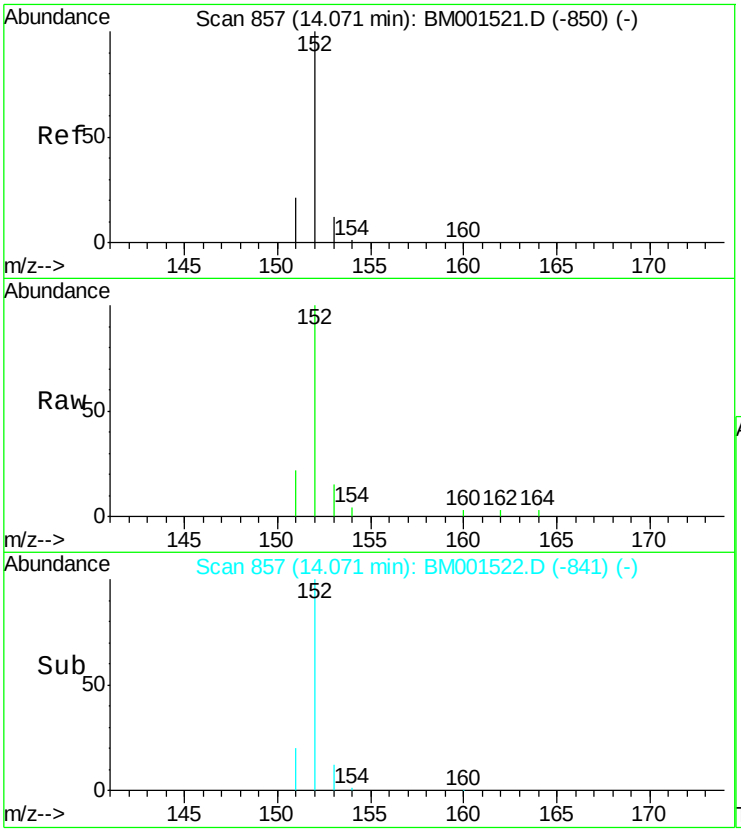


#14
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:172 Resp: 1873

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	25.5	20.2	30.4

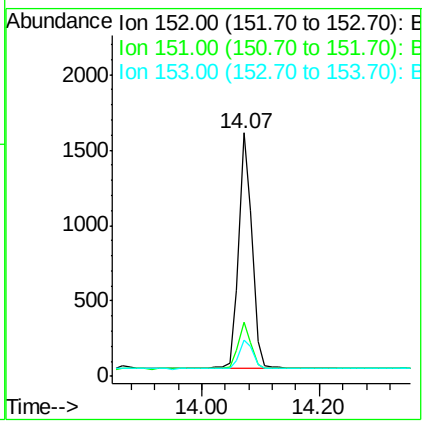




#15
Acenaphthylene
Concen: 0.19 ng
RT: 14.07 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:152 Resp: 2505

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7
153	12.7	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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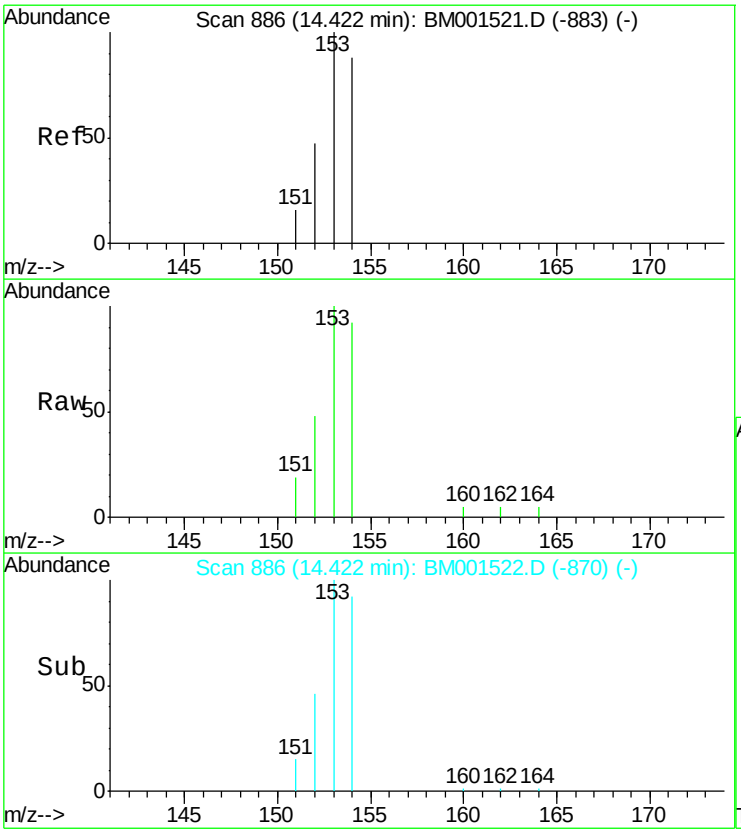
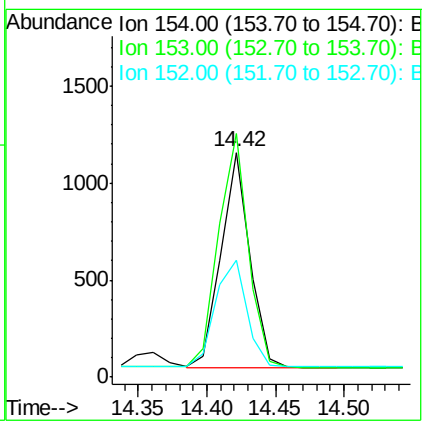
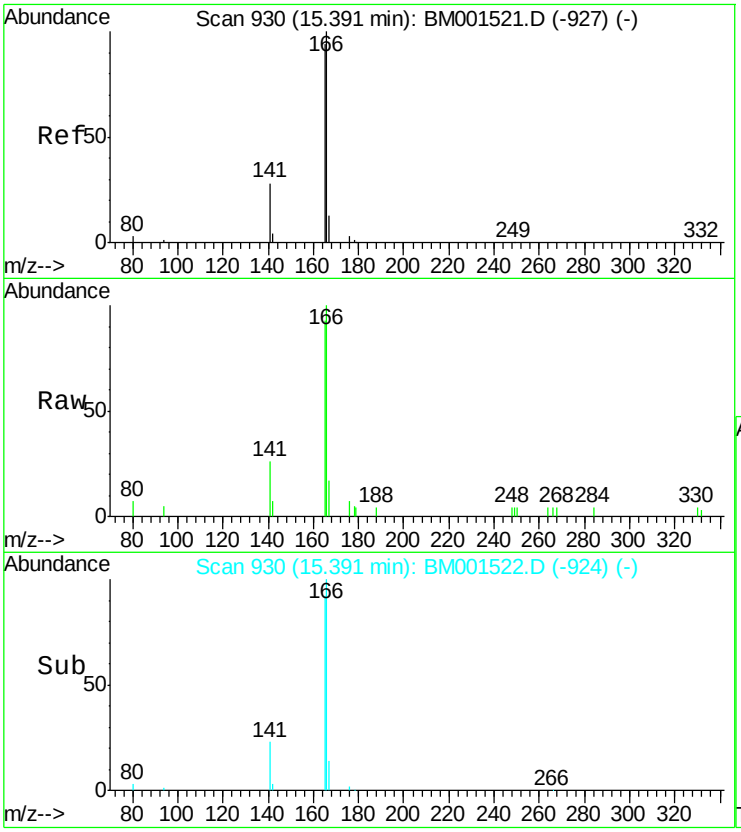


#16
Acenaphthene
Concen: 0.20 ng
RT: 14.42 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:154 Resp: 1613

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.4	137.2
152	54.7	44.0	66.0

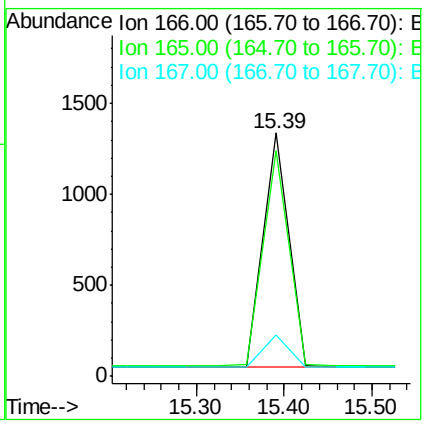




#17
Fluorene
Concen: 0.21 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:166 Resp: 2648

Ion	Ratio	Lower	Upper
166	100		
165	92.4	72.6	108.8
167	13.9	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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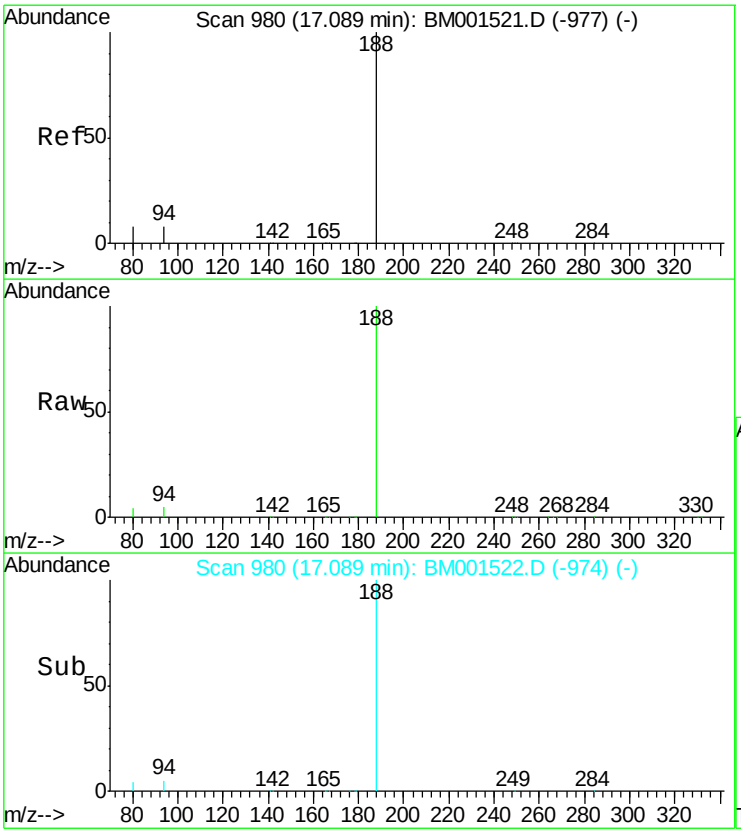
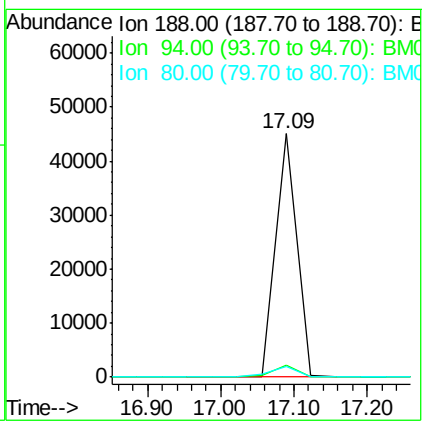
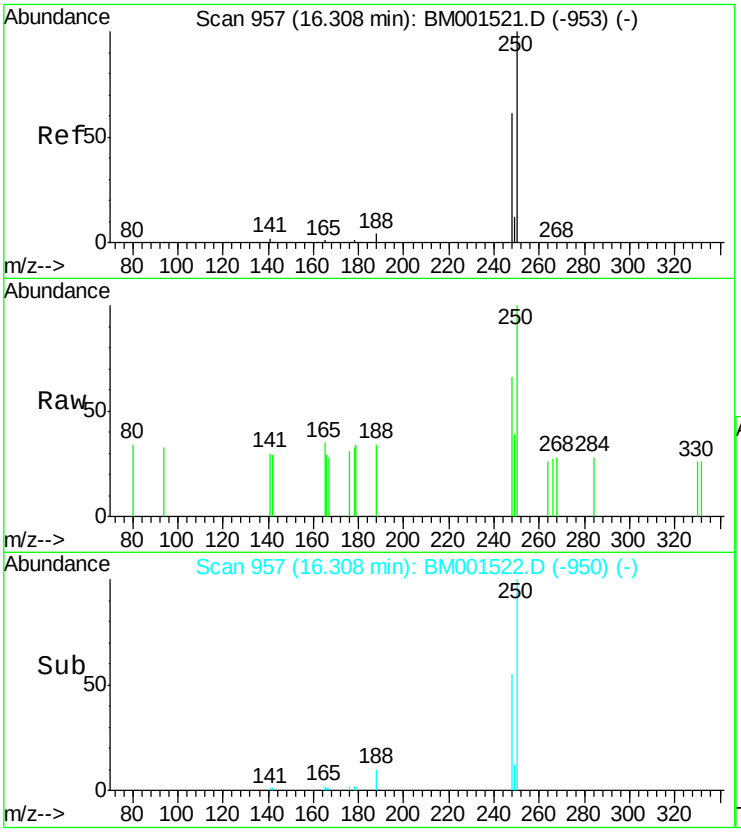


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:188 Resp: 92527

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.0	4.4#
80	4.5	2.5	3.7#

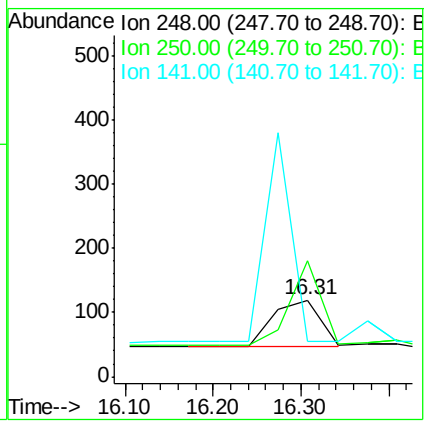




#19
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.31 min Scan# 957
Delta R.T. 0.03 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:248 Resp: 265

Ion	Ratio	Lower	Upper
248	100		
250	123.8	76.8	115.2#
141	0.0	57.7	86.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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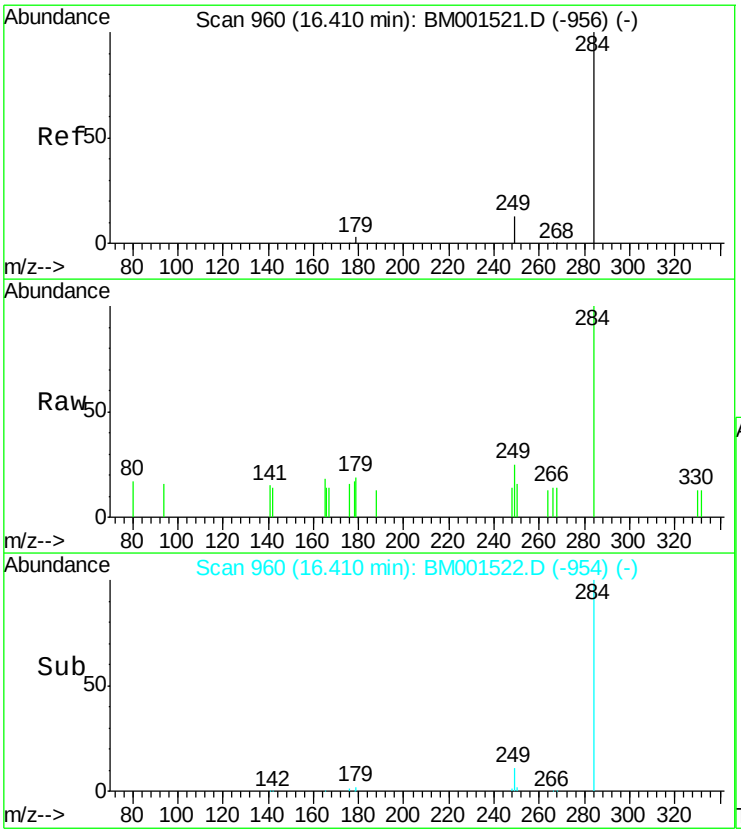
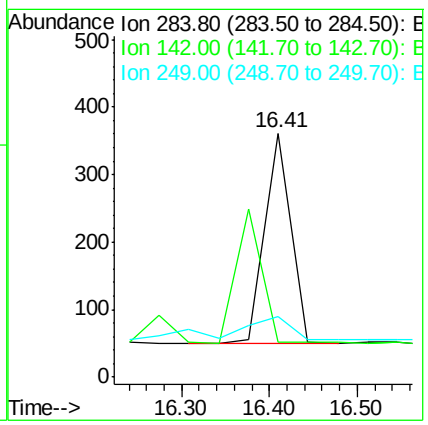
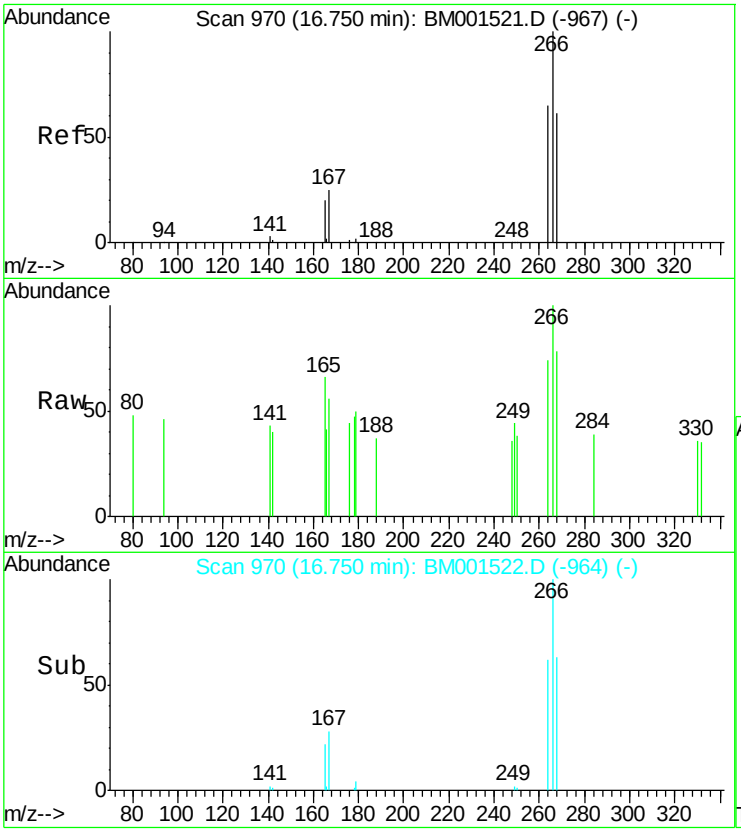


#20
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:284 Resp: 650

Ion	Ratio	Lower	Upper
284	100		
142	0.0	13.9	20.9#
249	21.4	39.0	58.4#

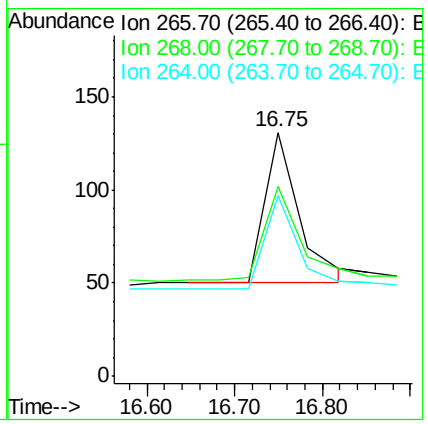




#21
Pentachlorophenol
Concen: 0.15 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:266 Resp: 220

Ion	Ratio	Lower	Upper
266	100		
268	77.9	63.0	94.4
264	74.0	52.8	79.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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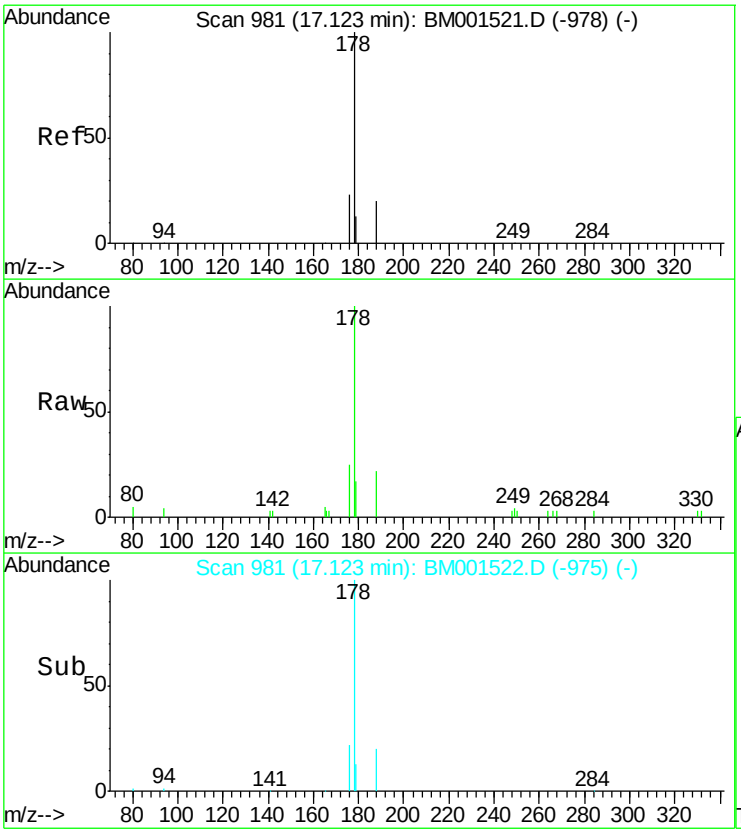
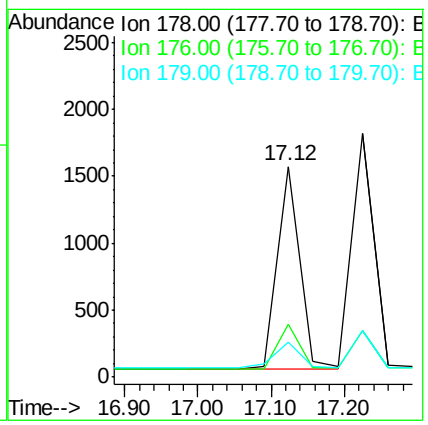
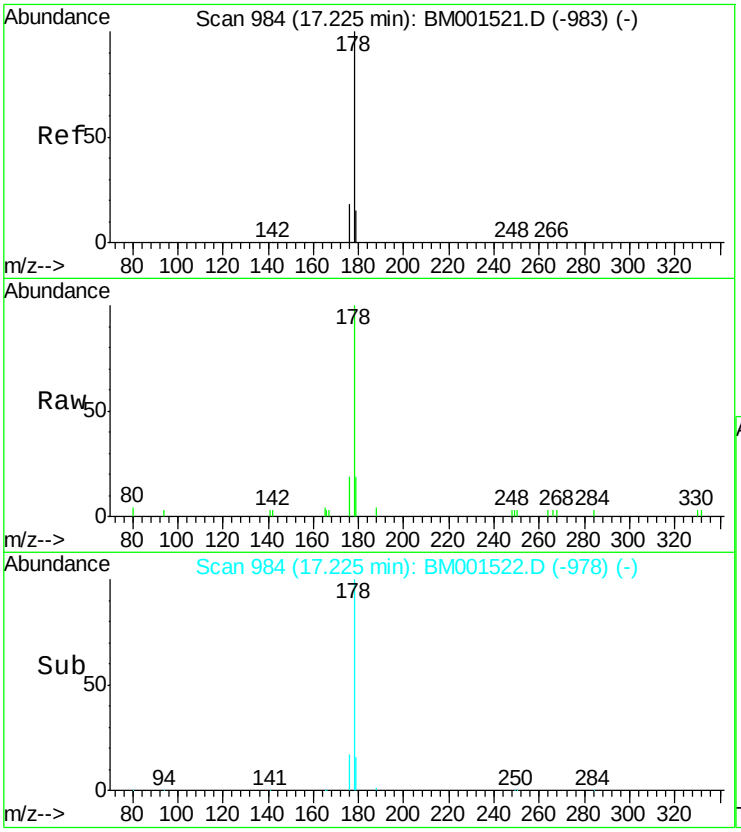


#22
Phenanthrene
Concen: 0.18 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:178 Resp: 3259

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	15.5	11.0	16.4

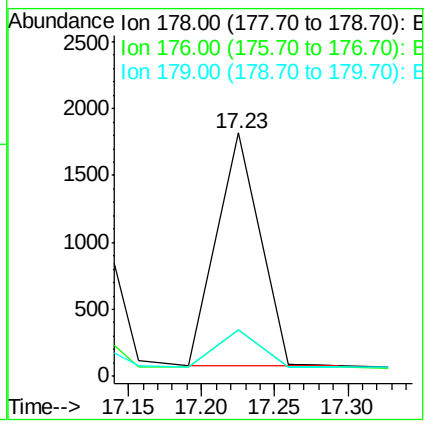




#23
Anthracene
Concen: 0.19 ng
RT: 17.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:178 Resp: 3589

Ion	Ratio	Lower	Upper
178	100		
176	16.5	13.1	19.7
179	16.0	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
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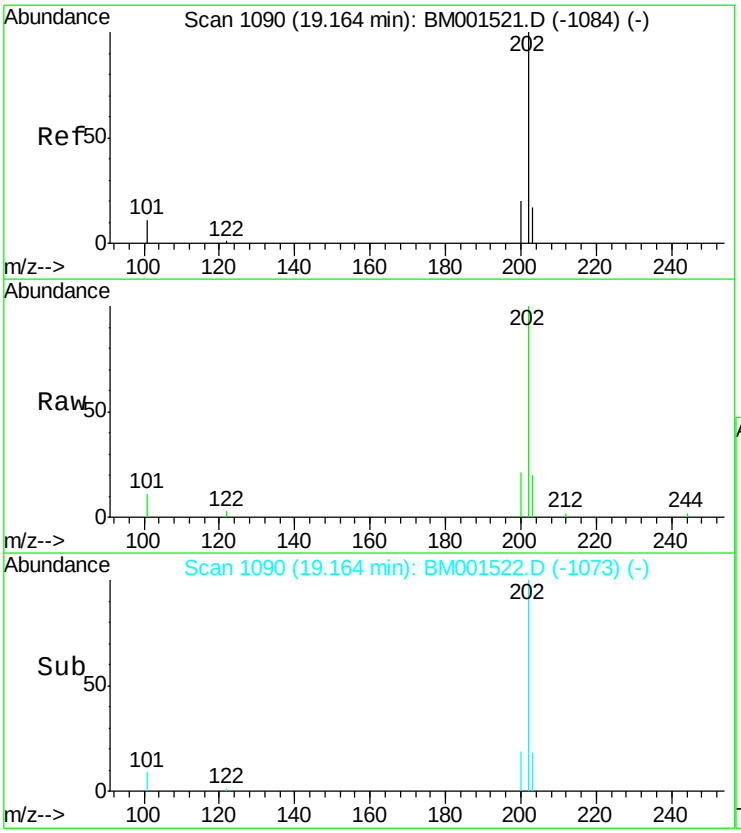
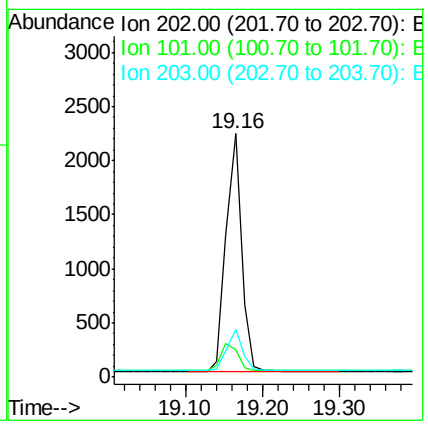
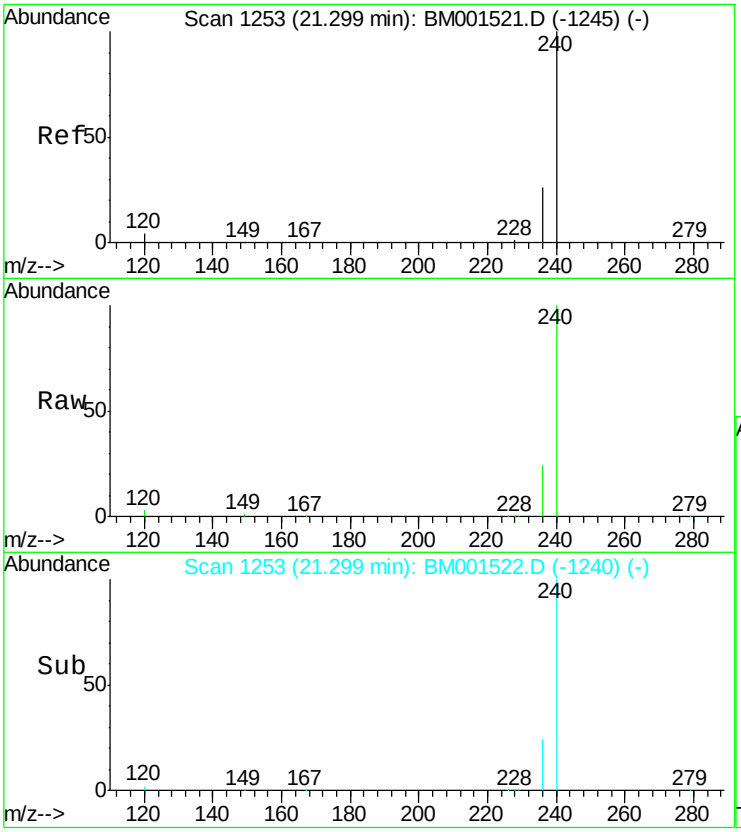


#24
Fluoranthene
Concen: 0.18 ng
RT: 19.16 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:202 Resp: 3104

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.6	12.8
203	17.3	13.8	20.6

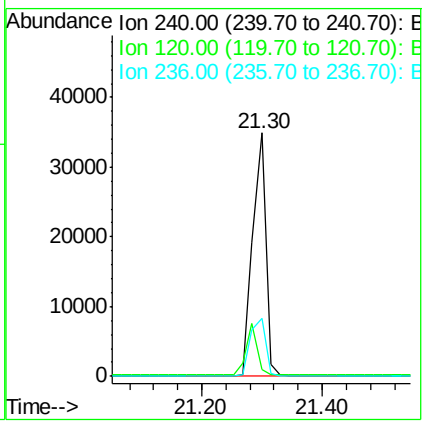




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:240 Resp: 52160

Ion	Ratio	Lower	Upper
240	100		
120	2.8	9.7	14.5#
236	23.9	24.8	37.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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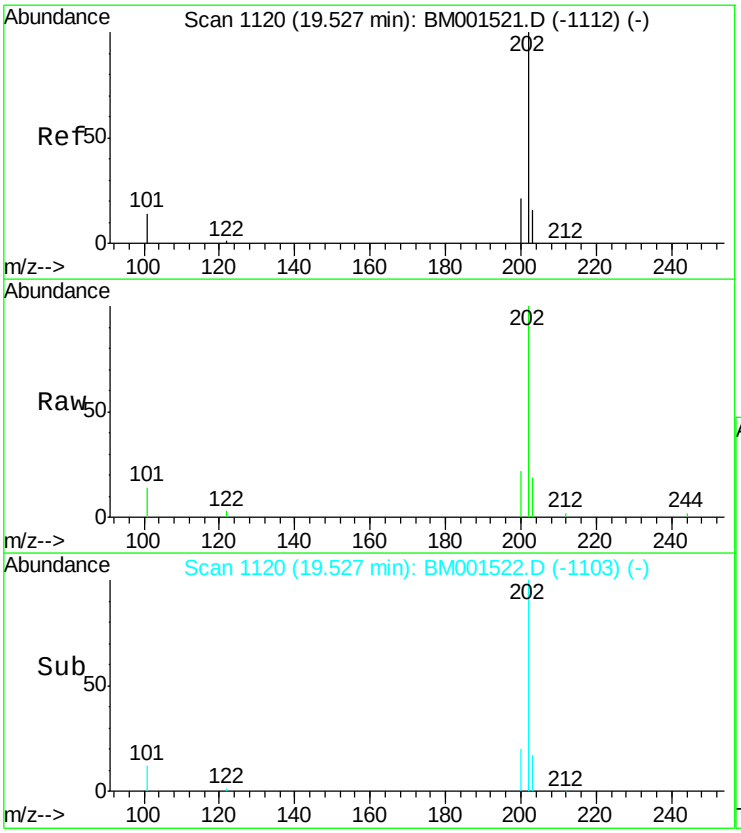
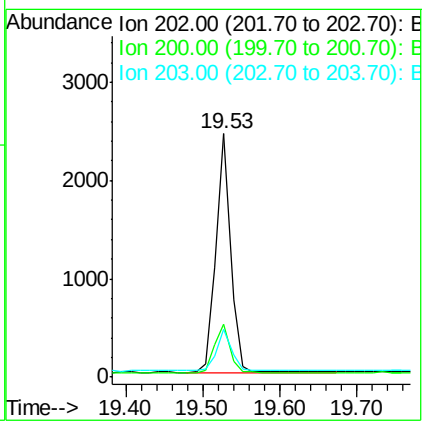
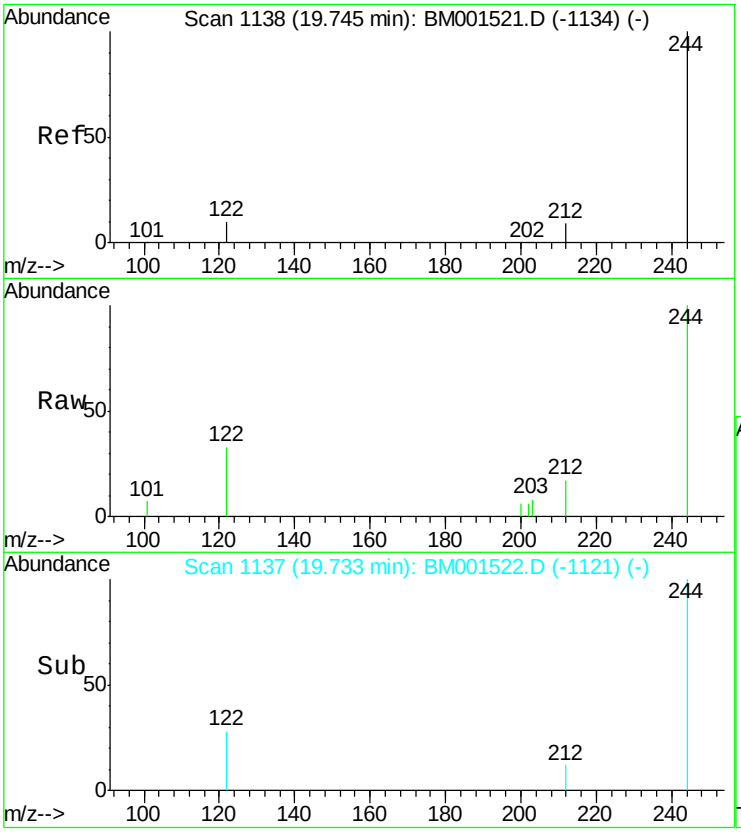


#26
Pyrene
Concen: 0.20 ng
RT: 19.53 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:202 Resp: 3210

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.7	13.9	20.9





#27
Terphenyl-d14
Concen: 0.20 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:244 Resp: 1309

Ion	Ratio	Lower	Upper
244	100		
212	17.2	7.2	10.8#
122	33.4	5.1	7.7#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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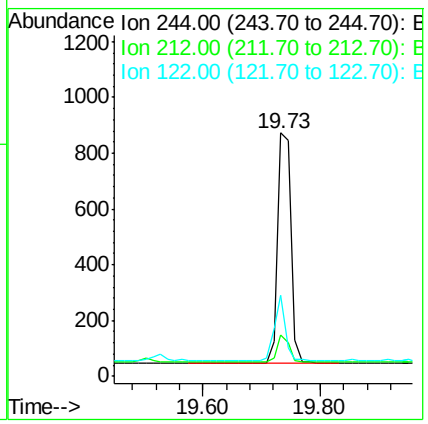
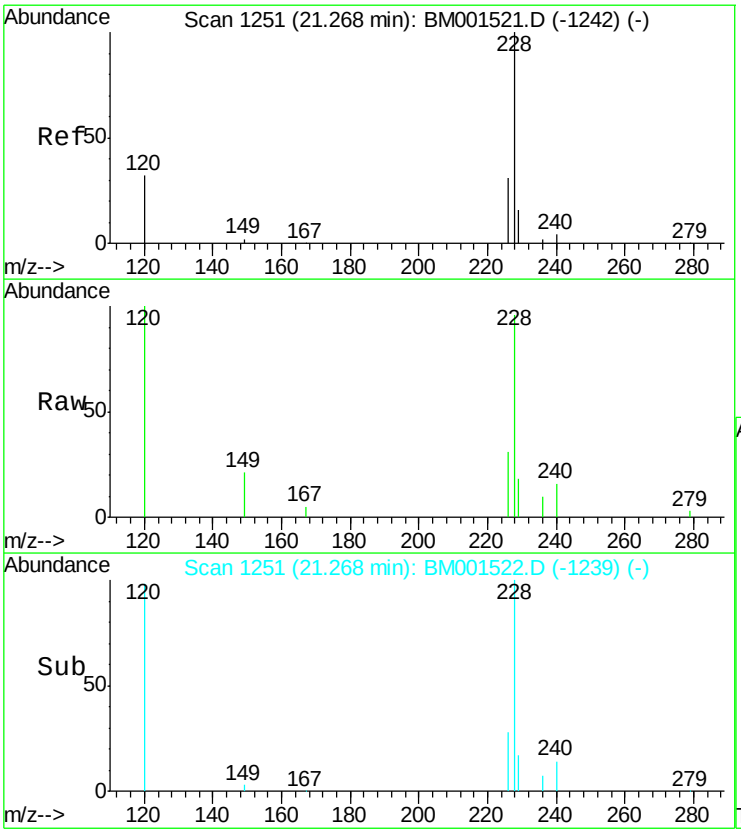
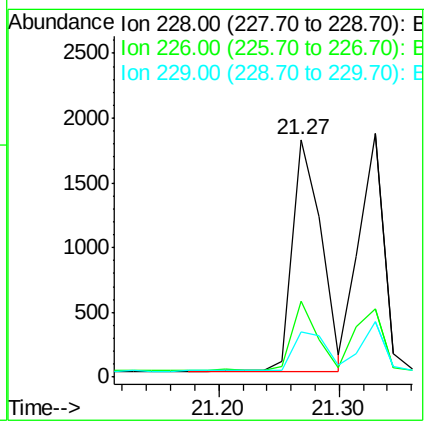


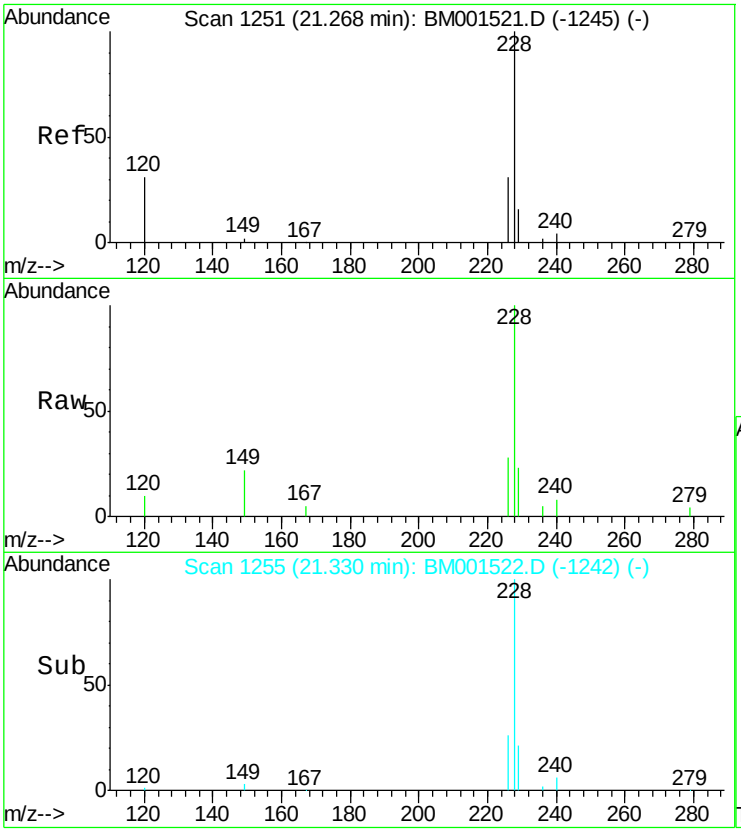


#28
Benzo(a)anthracene
Concen: 0.21 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:228 Resp: 2941

Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.9	32.9
229	18.9	15.1	22.7

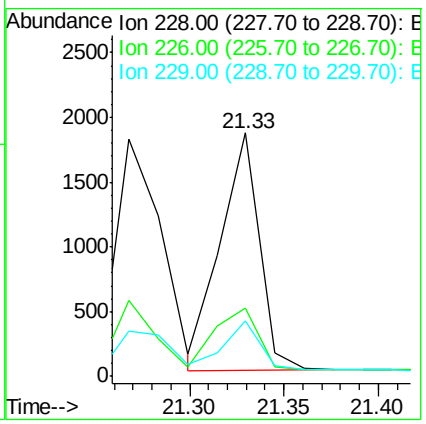




#29
Chrysene
Concen: 0.20 ng m
RT: 21.33 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:228 Resp: 2668

Ion	Ratio	Lower	Upper
228	100		
226	28.1	27.6	41.4
229	22.9	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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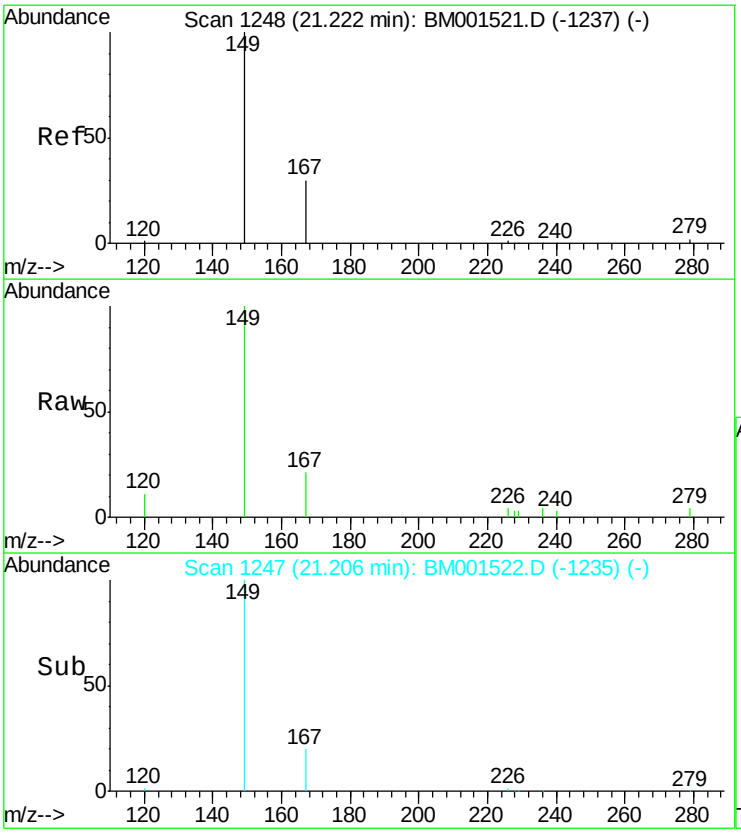
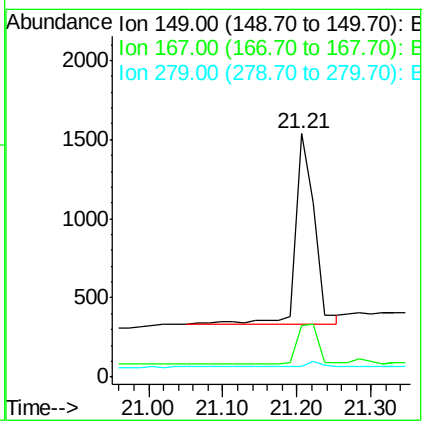
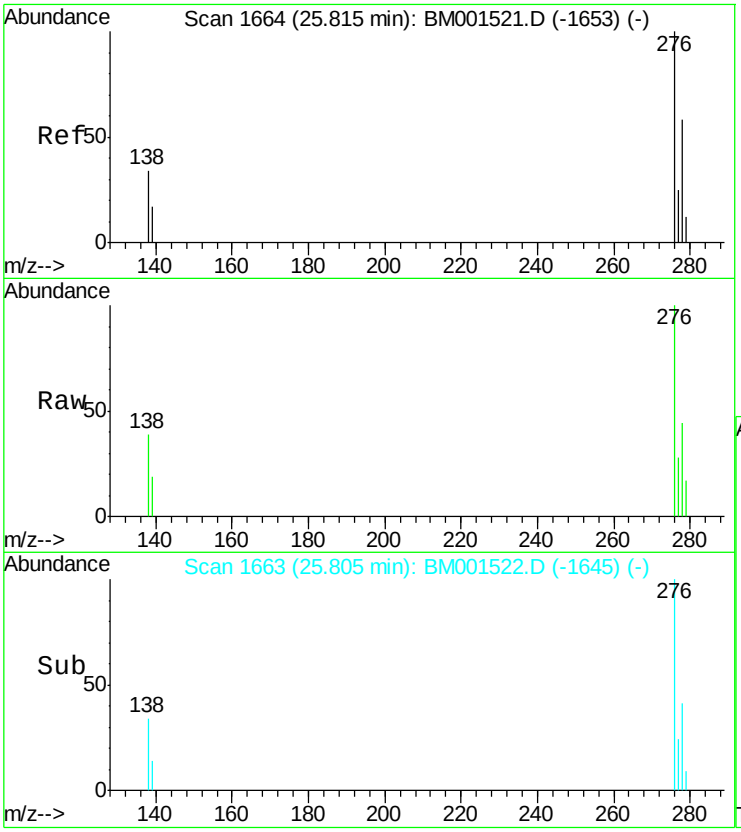


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.21 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:149 Resp: 2130

Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.0	31.6
279	2.7	2.2	3.2

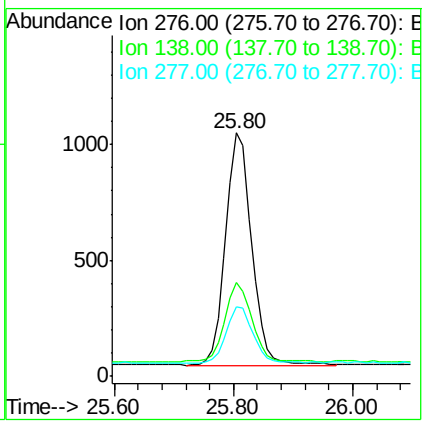




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 25.80 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:276 Resp: 3025

Ion	Ratio	Lower	Upper
276	100		
138	35.7	23.4	35.0#
277	25.0	19.5	29.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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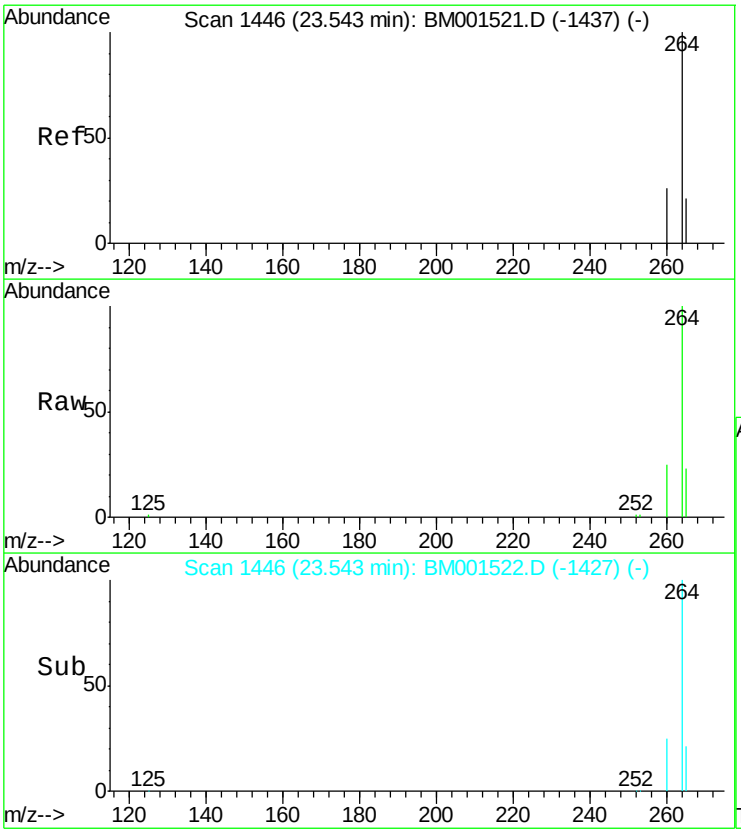
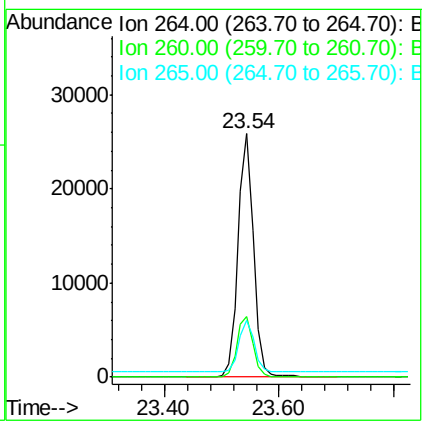
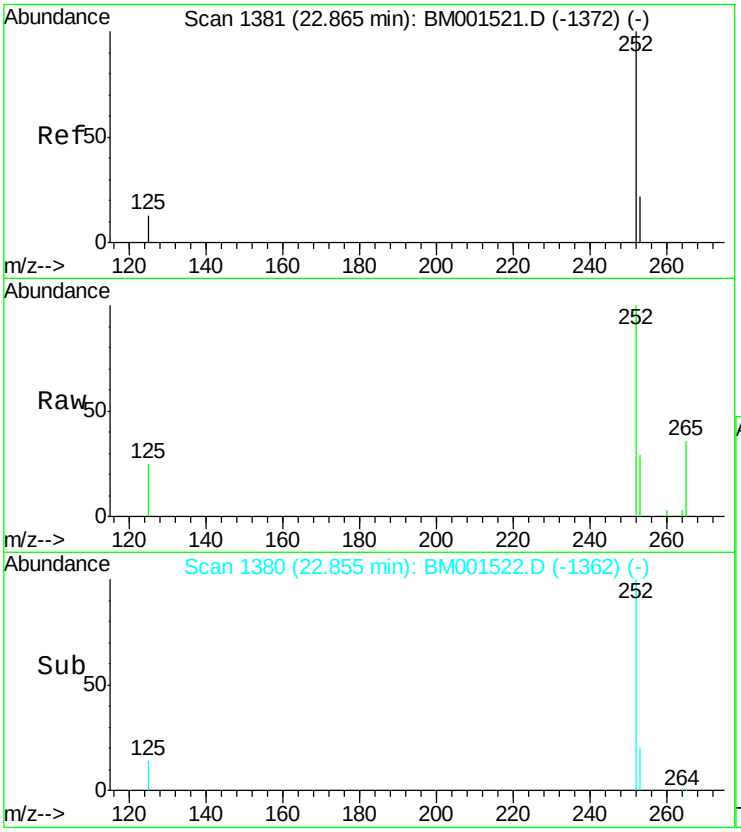


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.54 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:264 Resp: 47909

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	23.2	17.1	25.7





#33
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.85 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:252 Resp: 2899

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.4	26.0#
125	24.7	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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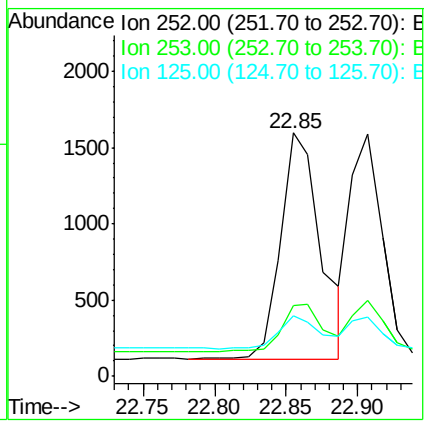
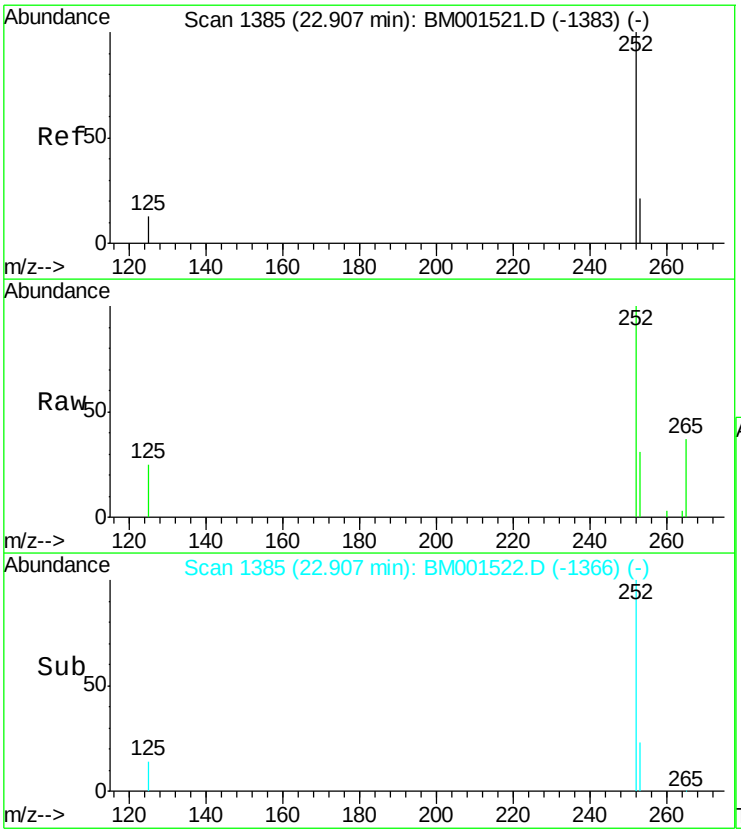
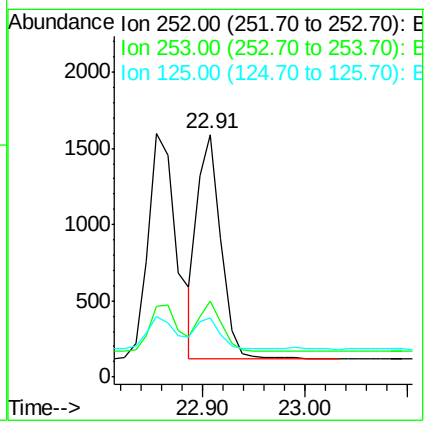


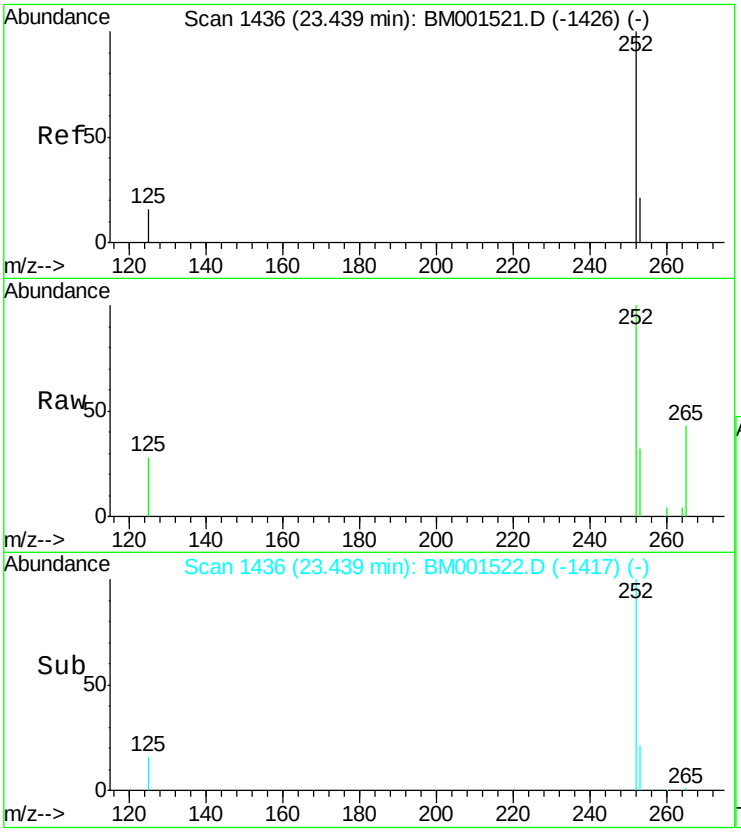


#34
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 22.91 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:252 Resp: 2336

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.6	26.4#
125	24.5	9.7	14.5#

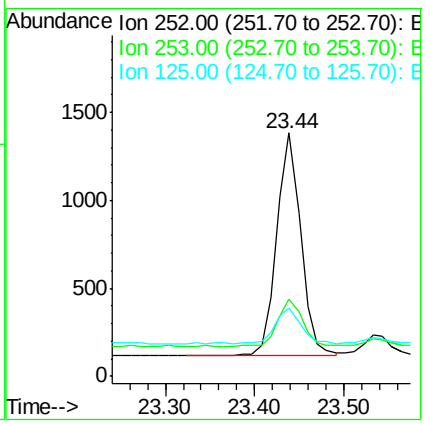




#35
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.44 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:252 Resp: 2379

Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.6	28.0#
125	28.0	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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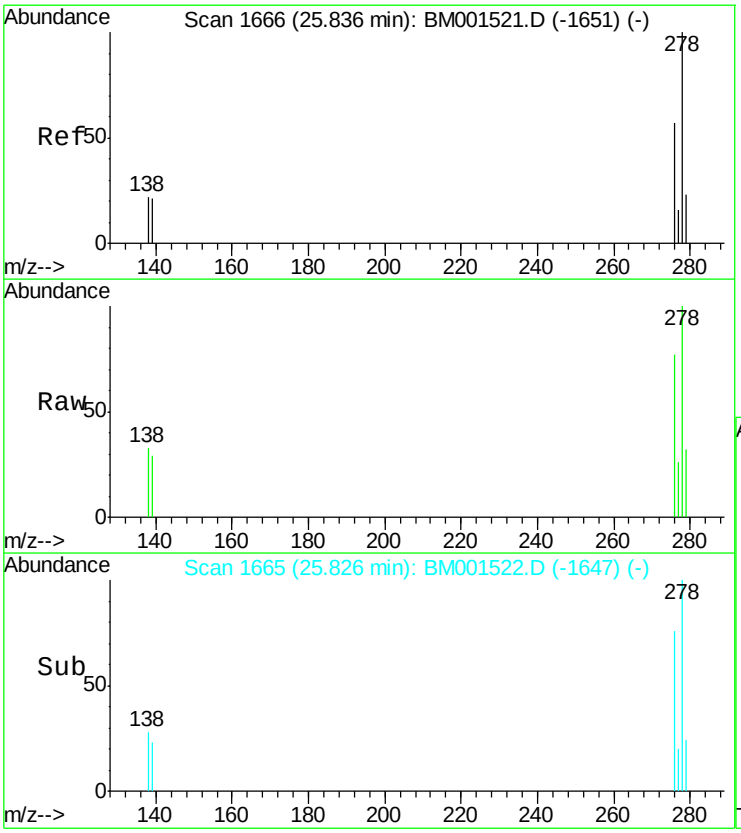
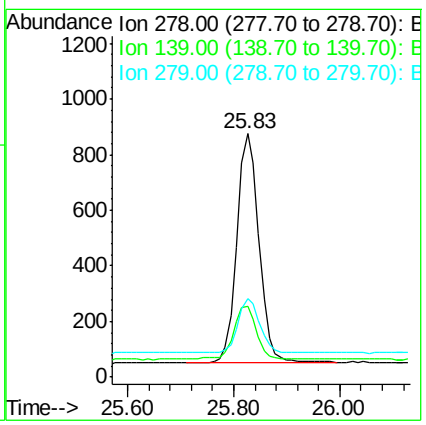
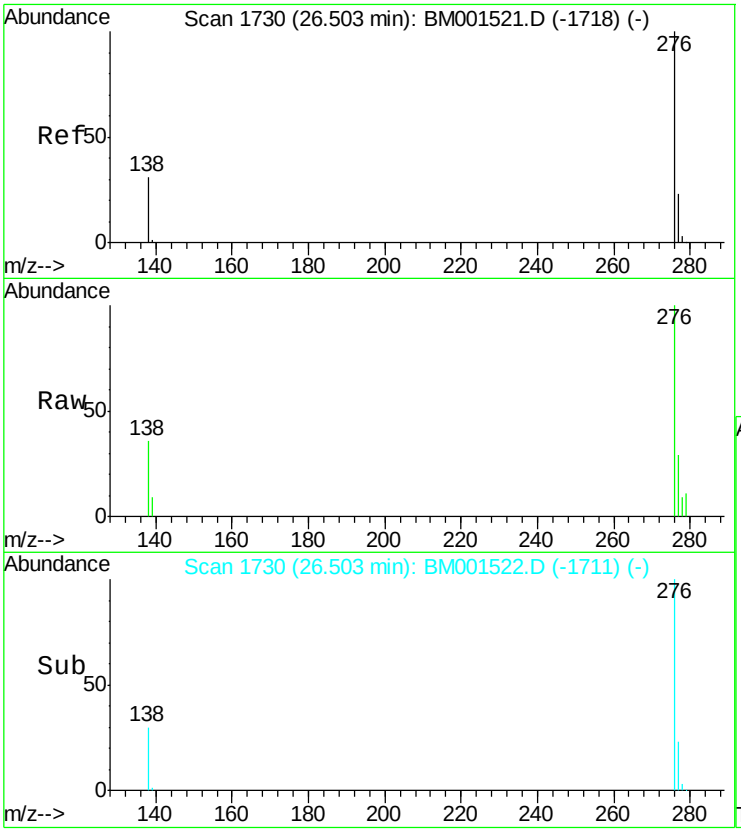


#36
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 25.83 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:278 Resp: 2384

Ion	Ratio	Lower	Upper
278	100		
139	29.1	15.7	23.5#
279	32.1	19.4	29.2#

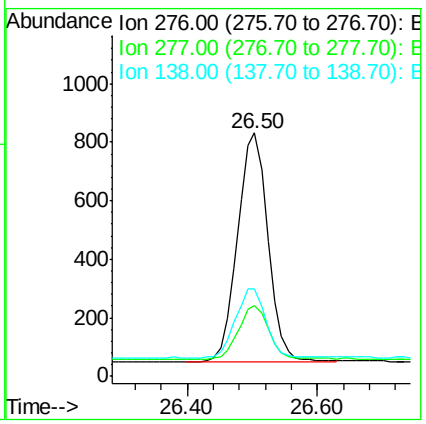




#37
Benzo(g,h,i)perylene
Concen: 0.21 ng
RT: 26.50 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BM001522.D
Acq: 02 Jun 2015 20:40

Tgt Ion:276 Resp: 2546

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.8	29.6
138	36.2	20.2	30.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
apatel
6/3/2015 5:28:25 PM