Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001141.D
Acq On : 01 May 2015 21:21
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 01:52:52 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 02 01:33:50 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17496	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	68881	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	38206	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	92756	5.00	ng		0.00
24) Chrysene-d12	21.15	240	78848	5.00	ng		0.00
30) Perylene-d12	23.30	264	64869	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	6892	1.86	ng		-0.02
5) Phenol-d6	6.71	99	8536	1.70	ng		0.00
7) Nitrobenzene-d5	8.69	82	8223	2.17	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	3805	2.02	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	25797	2.03	ng		0.00
26) Terphenyl-d14	19.59	244	22370	2.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3375	1.76	ng	#	85
3) n-Nitrosodimethylamine	3.34	42	4141	2.06	ng	#	92
8) Nitrobenzene	8.73	77	9096	1.72	ng		98
9) Naphthalene	10.36	128	29897	1.84	ng		100
10) Hexachlorobutadiene	10.65	225	5696	1.91	ng		100
11) 2-Methylnaphthalene	11.98	142	21368m	2.01	ng		
15) Acenaphthylene	13.91	152	35825	2.09	ng	#	100
16) Acenaphthene	14.24	154	23243	1.98	ng		97
17) Fluorene	15.24	166	27770	2.03	ng		99
19) Hexachlorobenzene	16.26	284	9931	1.94	ng	#	98
20) Pentachlorophenol	16.61	266	3099	2.12	ng		98
21) Phenanthrene	16.98	178	48300	1.97	ng		100
22) Anthracene	17.08	178	40227	1.80	ng		100
23) Fluoranthene	19.01	202	48815	1.90	ng		100
25) Pyrene	19.38	202	50973	1.95	ng		99
27) Benzo(a)anthracene	21.13	228	44837	1.95	ng		99
28) Chrysene	21.18	228	43646	1.84	ng		99
29) Indeno(1,2,3-cd)pyrene	25.43	276	37104	1.58	ng		99
31) Benzo(b)fluoranthene	22.66	252	42856	2.03	ng		99
32) Benzo(k)fluoranthene	22.70	252	36887	1.86	ng		98
33) Benzo(a)pyrene	23.20	252	34384	1.92	ng		98
34) Dibenzo(a,h)anthracene	25.45	278	28802	1.69	ng		98
35) Benzo(g,h,i)perylene	26.09	276	30003	1.64	ng		99

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

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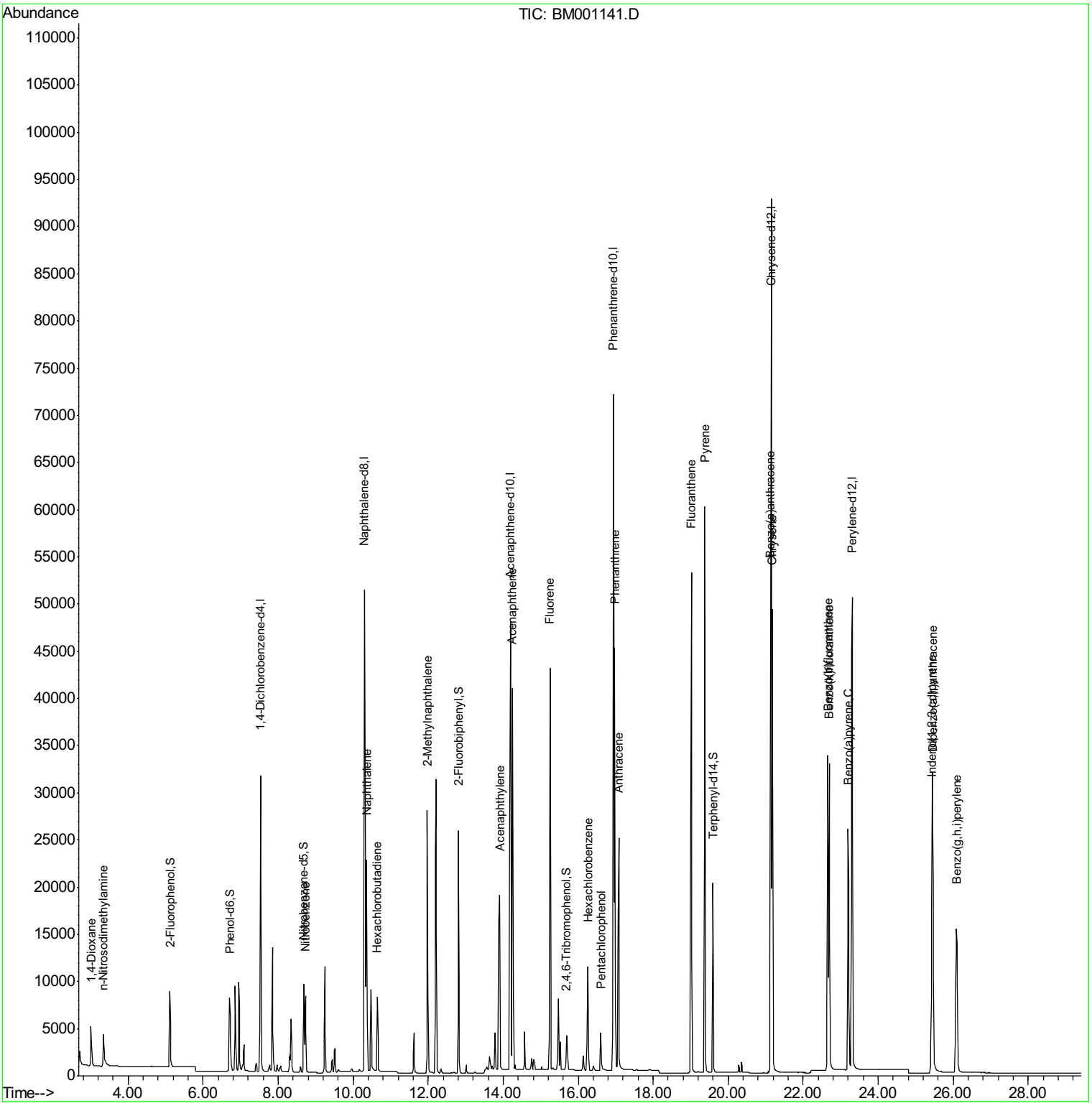
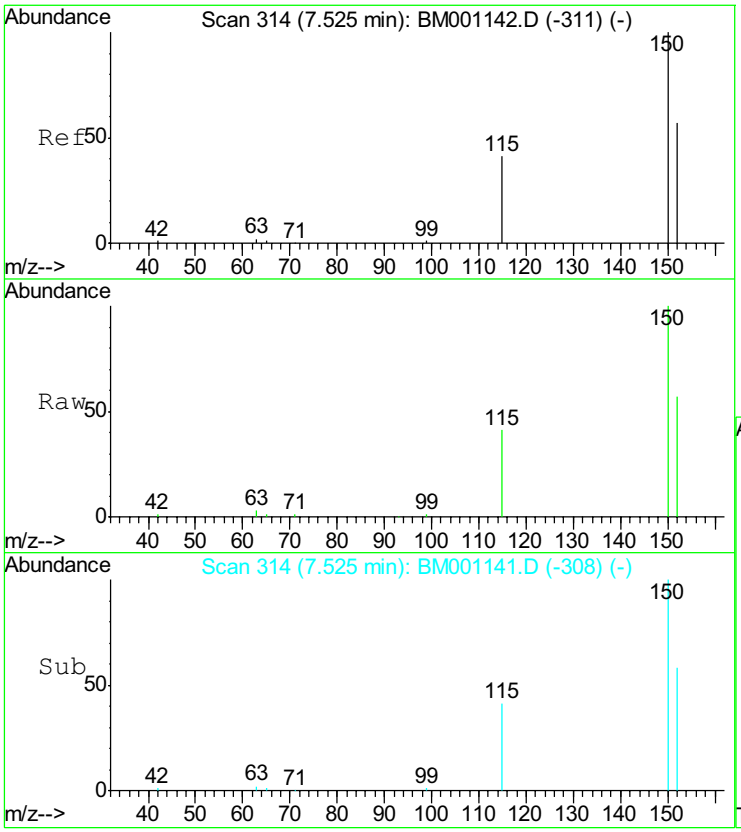
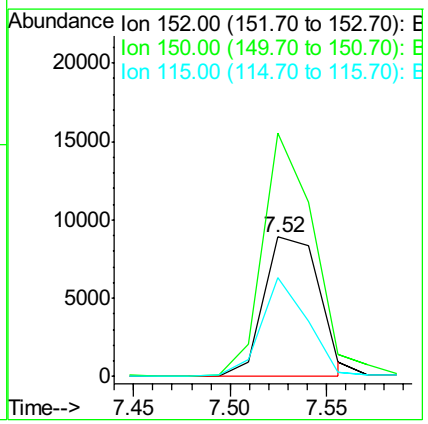




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:152 Resp: 17496

Ion	Ratio	Lower	Upper
152	100		
150	174.8	140.1	210.1
115	71.4	57.8	86.6



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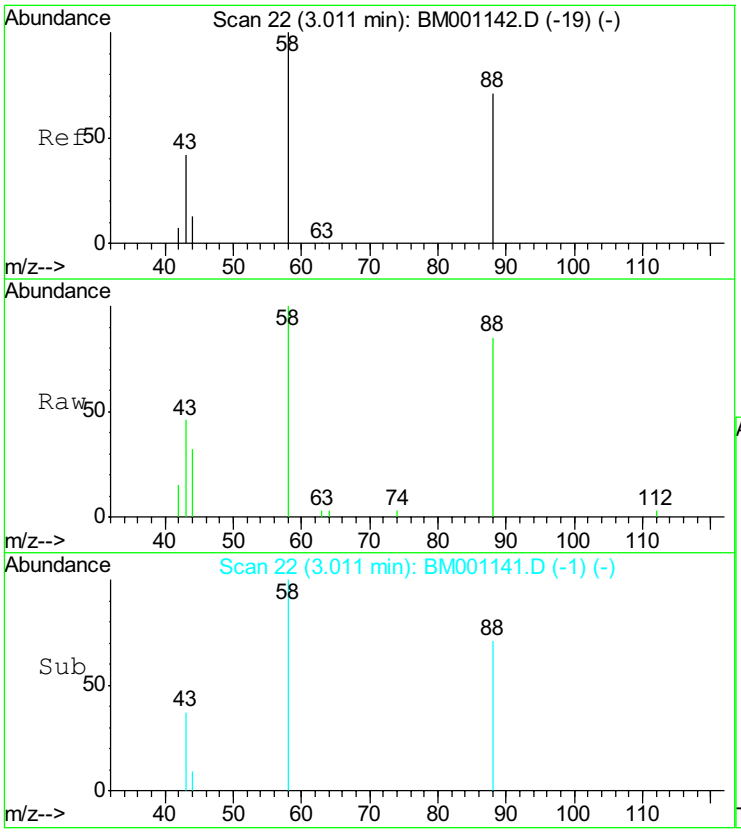
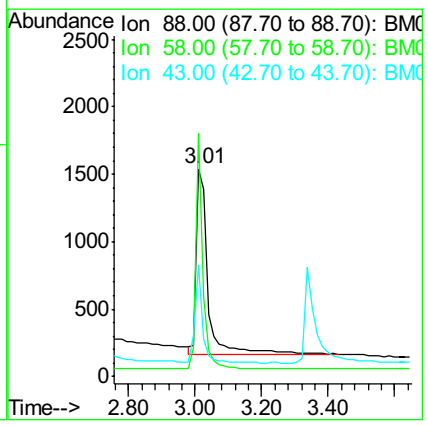
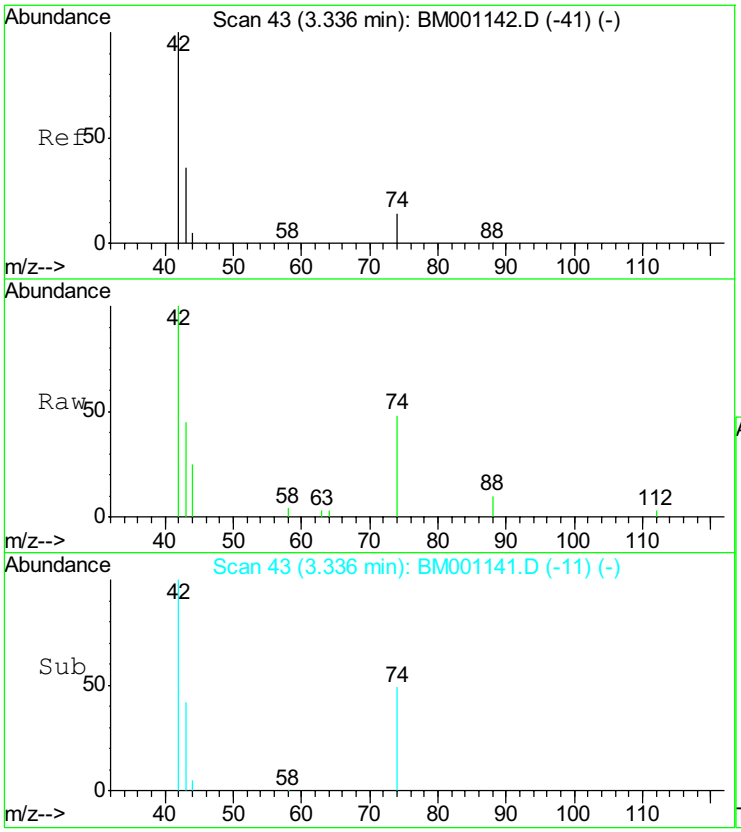


#2
1,4-Dioxane
Concen: 1.76 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 88 Resp: 3375

Ion	Ratio	Lower	Upper
88	100		
58	75.0	48.2	72.2#
43	34.3	24.8	37.2

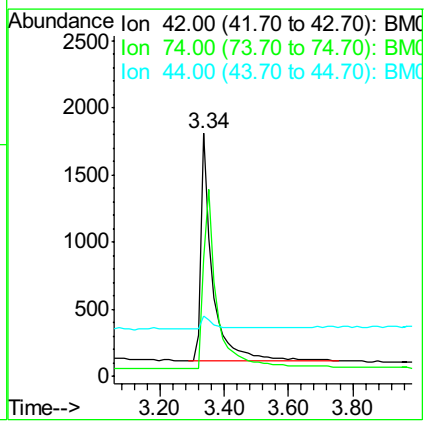




#3
n-Nitrosodimethylamine
Concen: 2.06 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 42 Resp: 4141

Ion	Ratio	Lower	Upper
42	100		
74	98.0	72.0	108.0
44	7.4	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
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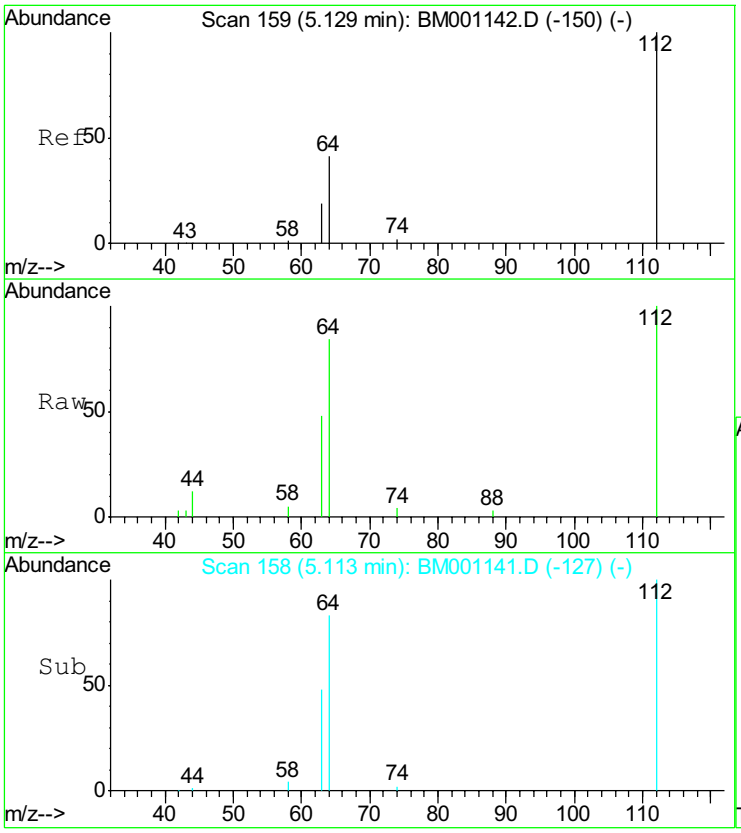
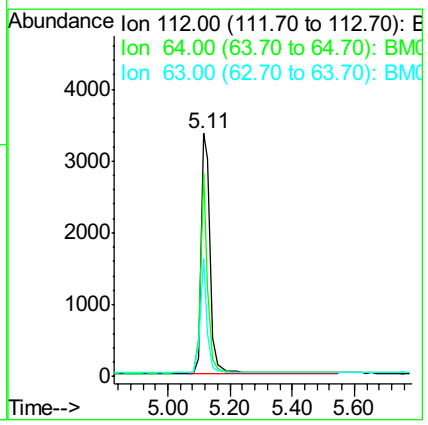
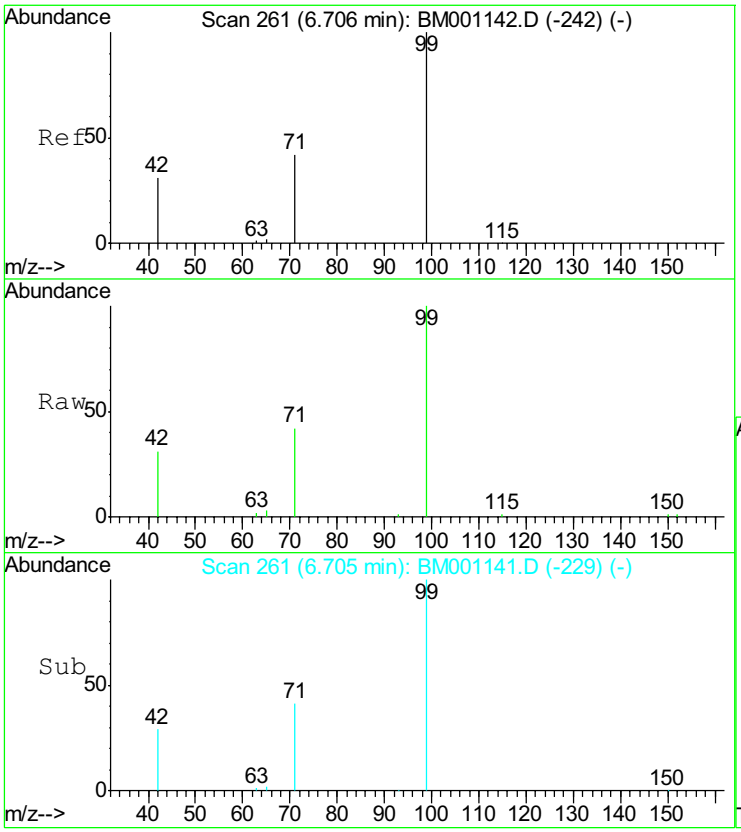


#4
2-Fluorophenol
Concen: 1.86 ng/uL
RT: 5.11 min Scan# 158
Delta R.T. -0.02 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:112 Resp: 6892

Ion	Ratio	Lower	Upper
112	100		
64	65.4	52.6	79.0
63	36.2	29.5	44.3

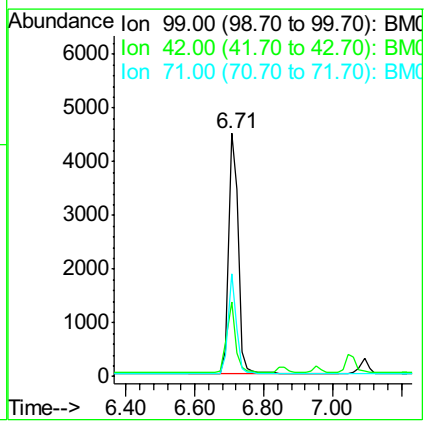




#5
Phenol-d6
Concen: 1.70 ng/uL
RT: 6.71 min Scan# 261
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 99 Resp: 8536

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.9	31.3
71	35.4	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
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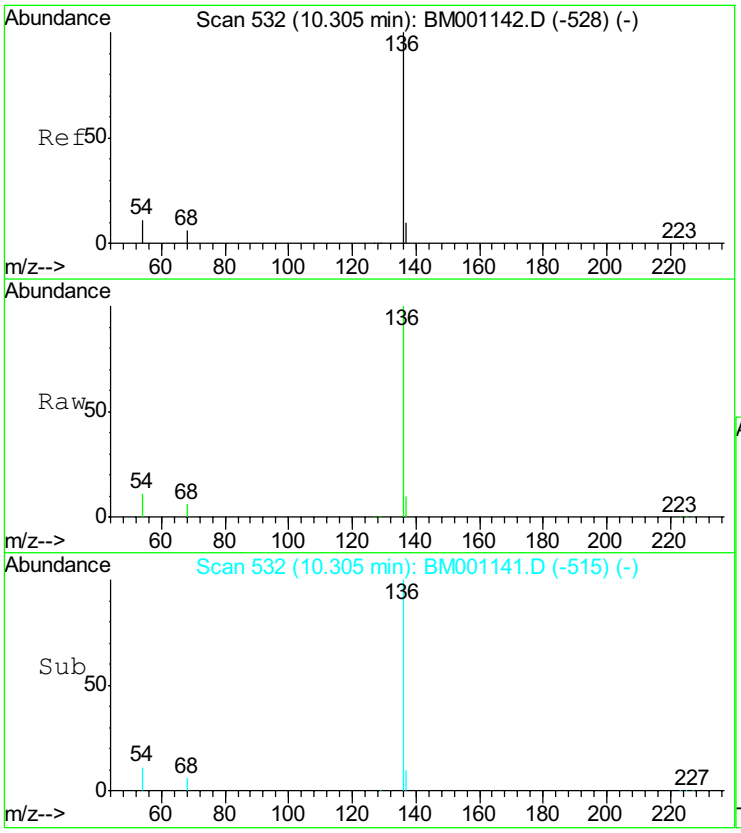
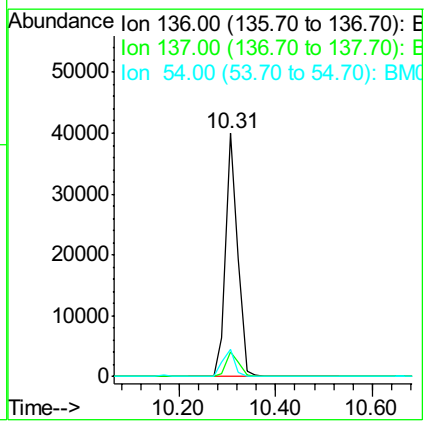
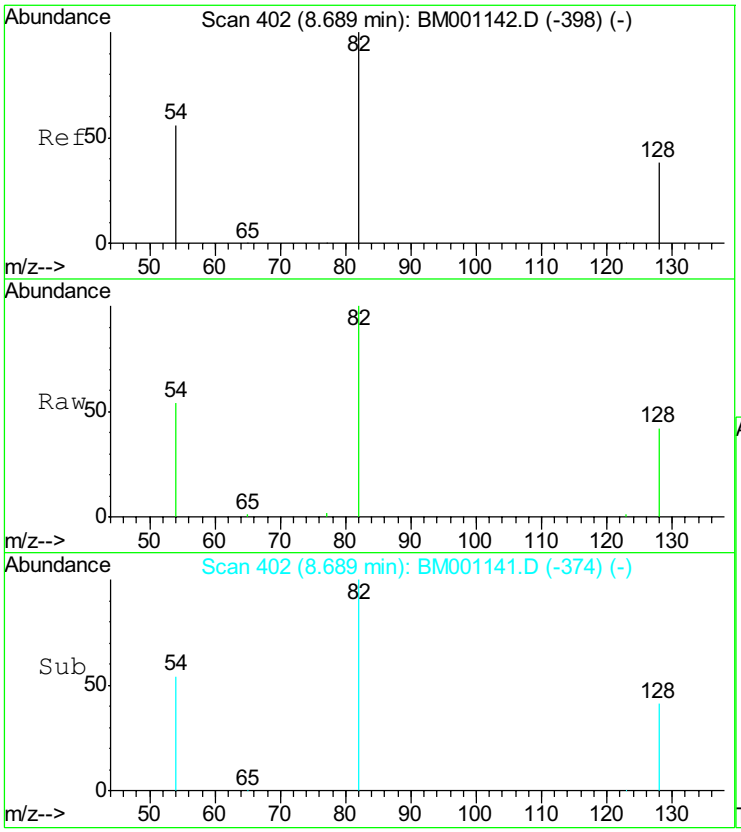


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:136 Resp: 68881

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.1	9.0	13.4

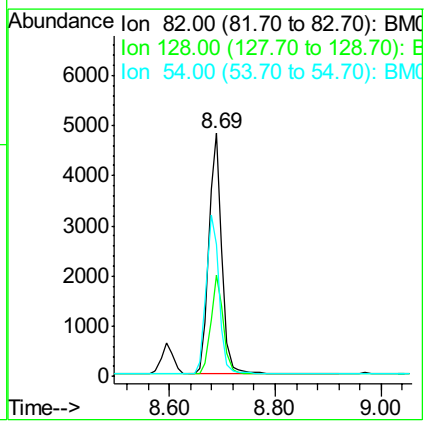




#7
Nitrobenzene-d5
Concen: 2.17 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 82 Resp: 8223

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.9	47.9
54	54.2	46.2	69.2



Instrument :
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ClientSampleId :
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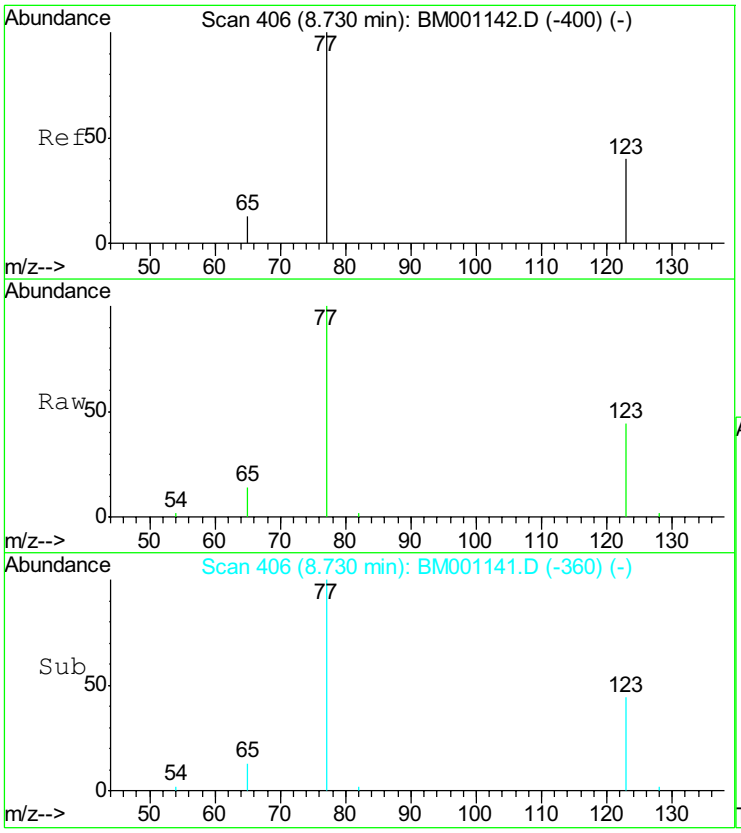
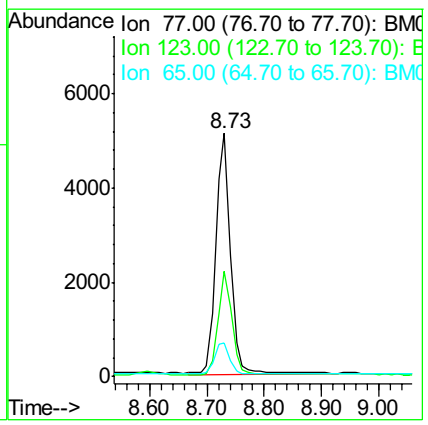
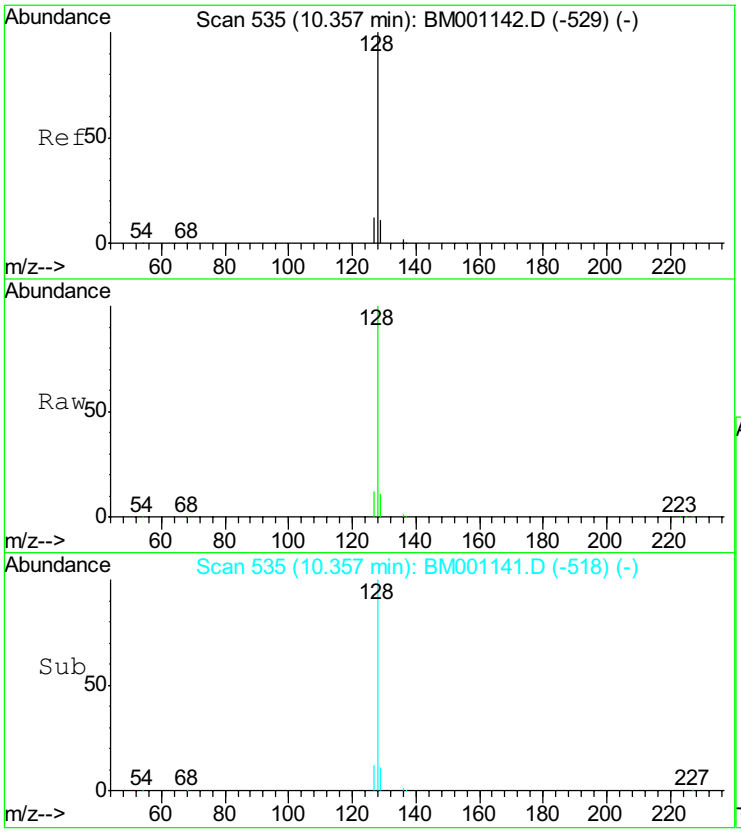


#8
Nitrobenzene
Concen: 1.72 ng/uL
RT: 8.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 77 Resp: 9096

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.0	46.6
65	13.6	10.6	15.8

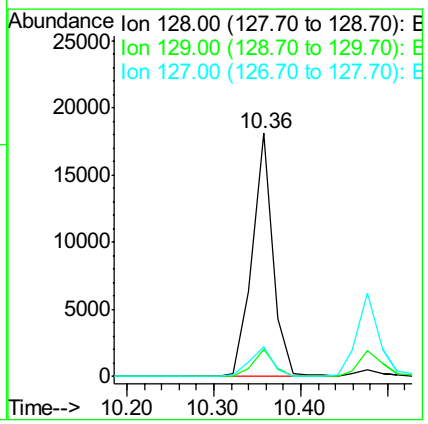




#9
Naphthalene
Concen: 1.84 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:128 Resp: 29897

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.4	10.0	15.0



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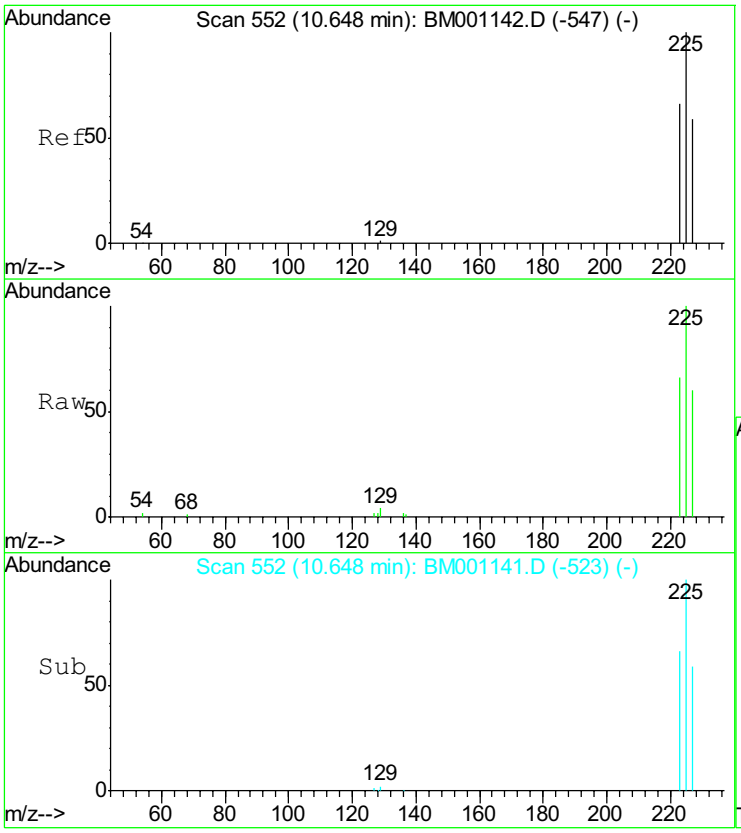
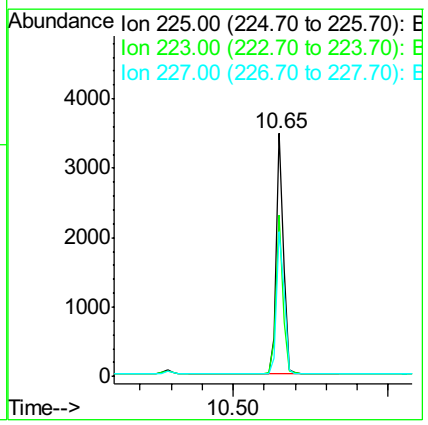
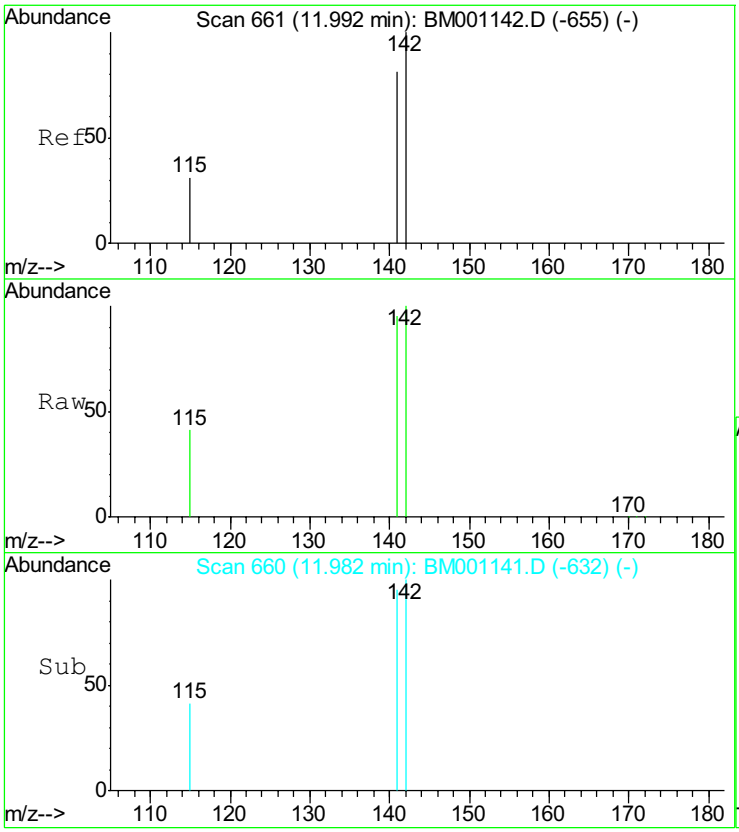


#10
Hexachlorobutadiene
Concen: 1.91 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:225 Resp: 5696

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.8	76.2
227	63.5	51.0	76.4

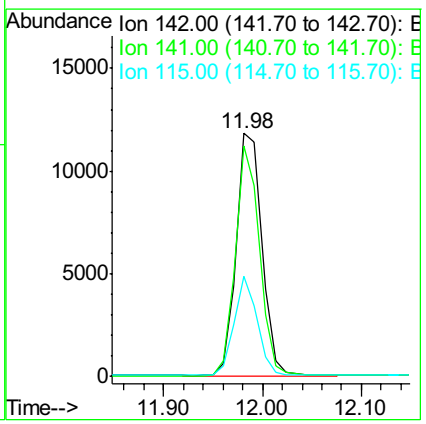




#11
2-Methylnaphthalene
Concen: 2.01 ng m
RT: 11.98 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:142 Resp: 21368

Ion	Ratio	Lower	Upper
142	100		
141	94.6	65.1	97.7
115	41.4	25.1	37.7#



Instrument :
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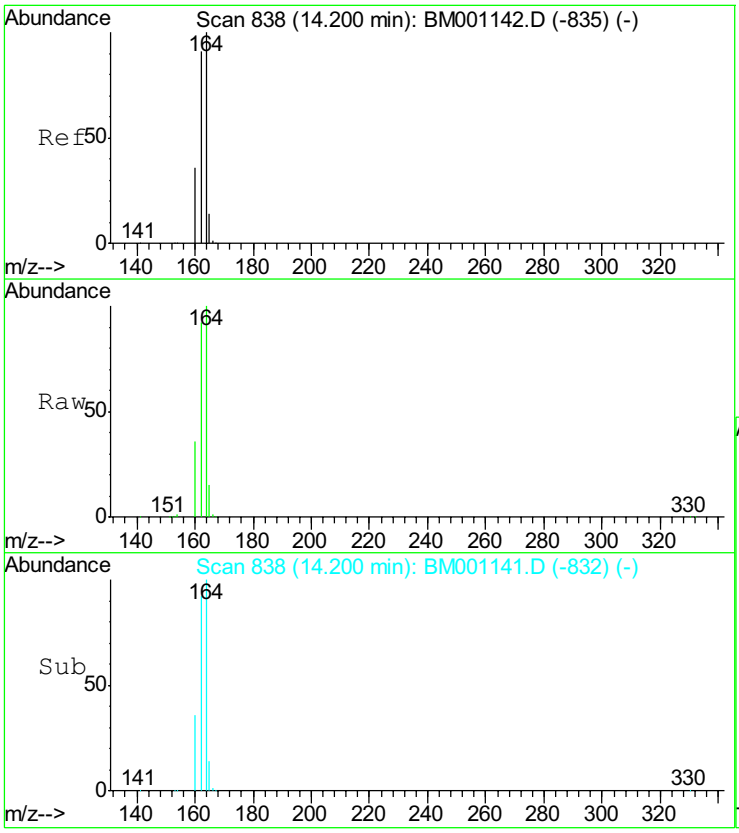
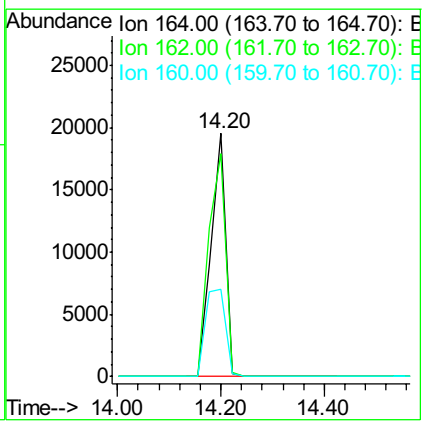
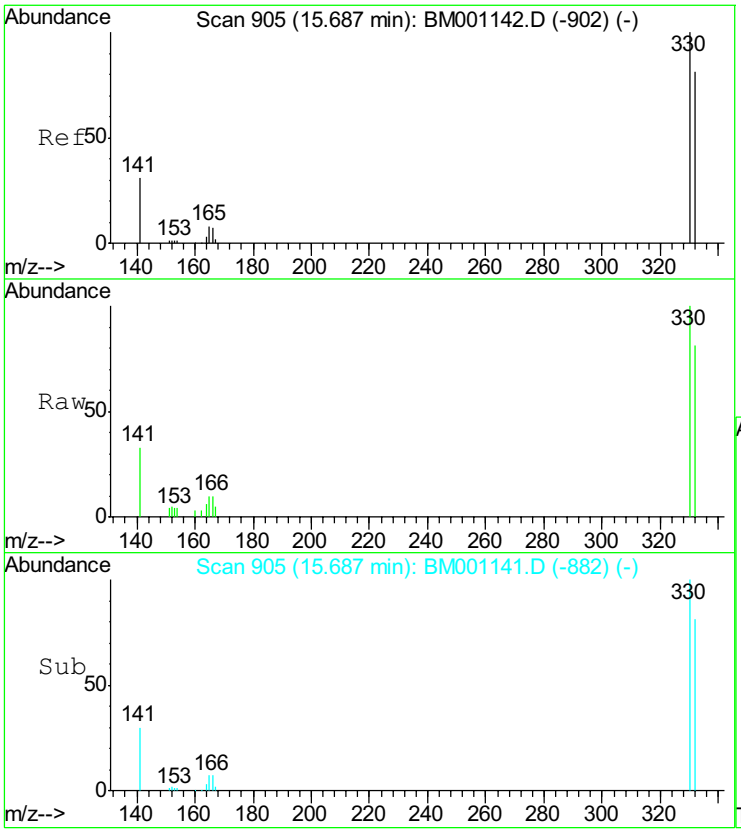


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:164 Resp: 38206

Ion	Ratio	Lower	Upper
164	100		
162	91.6	72.7	109.1
160	35.9	28.7	43.1





#13
2,4,6-Tribromophenol
Concen: 2.02 ng/uL
RT: 15.69 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:330 Resp: 3805

Ion	Ratio	Lower	Upper
330	100		
332	93.5	74.5	111.7
141	40.5	21.0	31.4#

Instrument :
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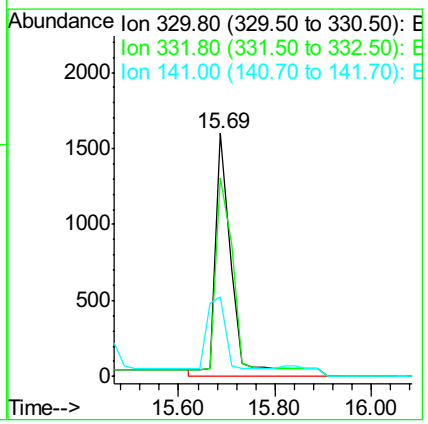
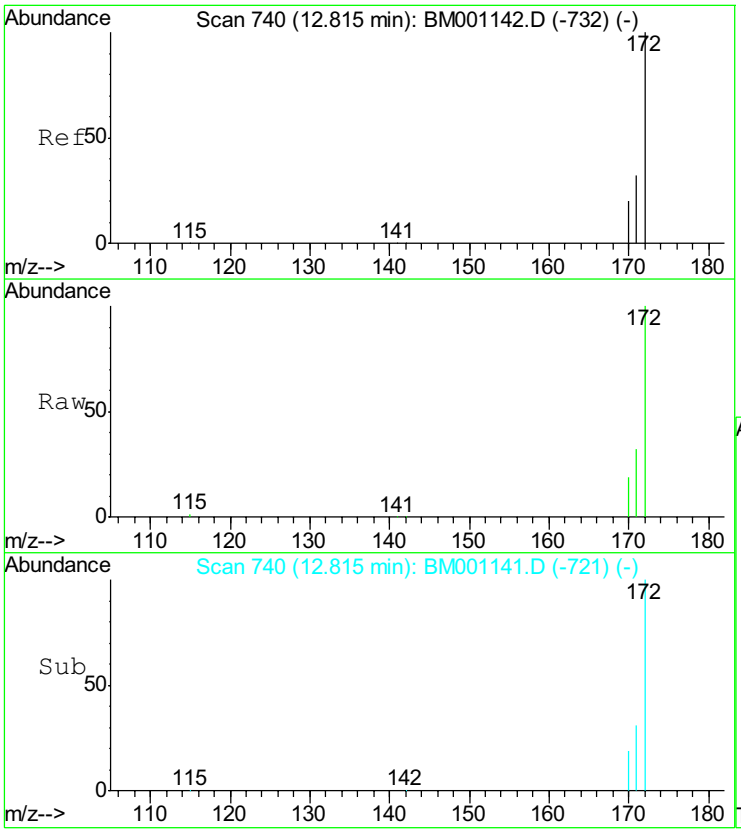
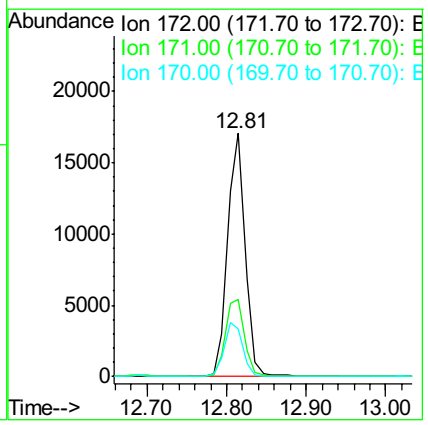


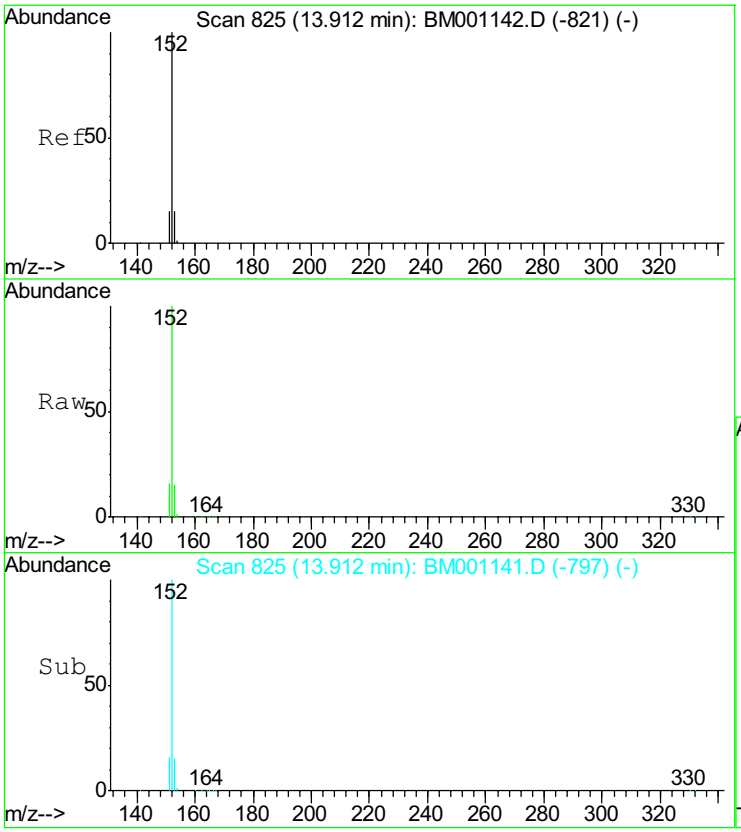


#14
2-Fluorobiphenyl
Concen: 2.03 ng
RT: 12.81 min Scan# 740
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:172 Resp: 25797

Ion	Ratio	Lower	Upper
172	100		
171	31.7	25.8	38.6
170	19.4	16.1	24.1

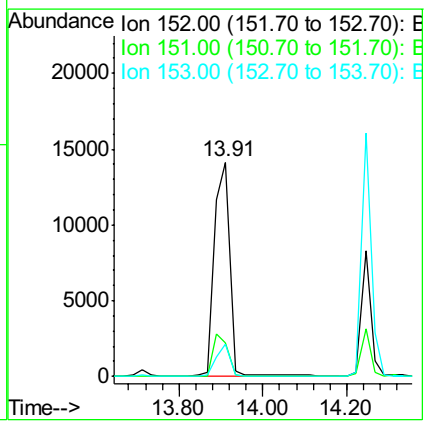




#15
Acenaphthylene
Concen: 2.09 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:152 Resp: 35825

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.8	10.3	15.5



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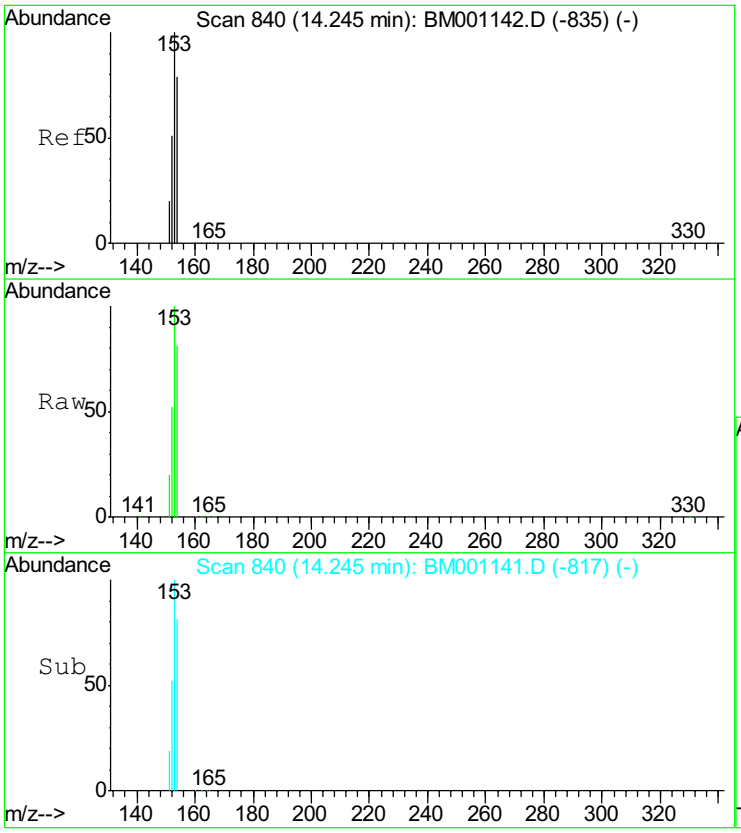
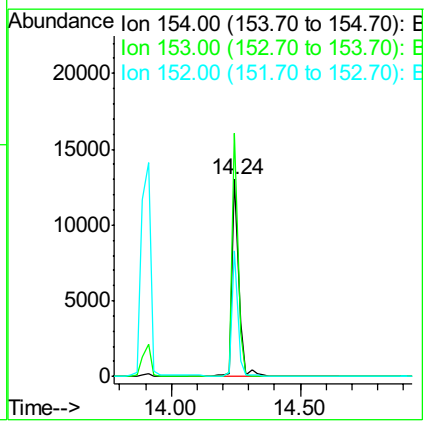
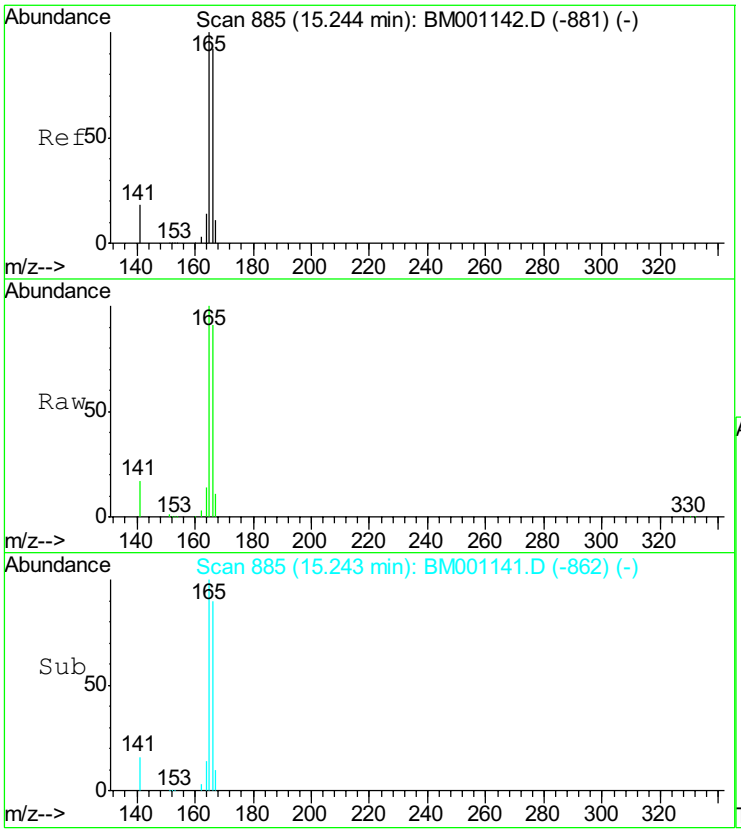


#16
Acenaphthene
Concen: 1.98 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:154 Resp: 23243

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.6	136.0
152	55.0	45.0	67.4

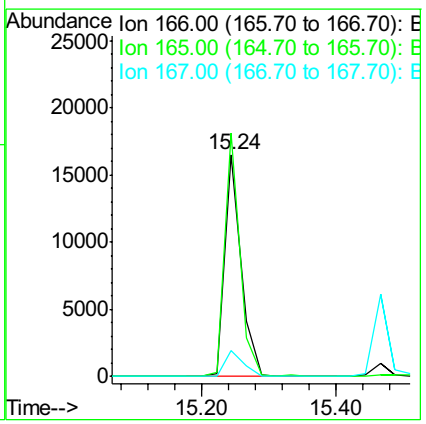




#17
Fluorene
Concen: 2.03 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:166 Resp: 27770

Ion	Ratio	Lower	Upper
166	100		
165	102.2	81.0	121.6
167	12.9	10.4	15.6



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ClientSampleId :
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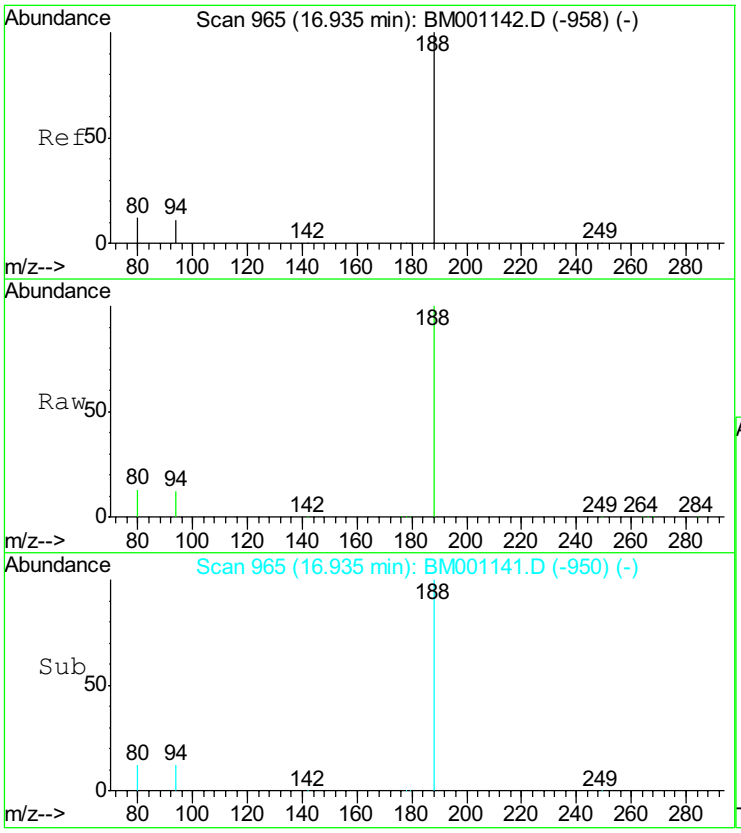
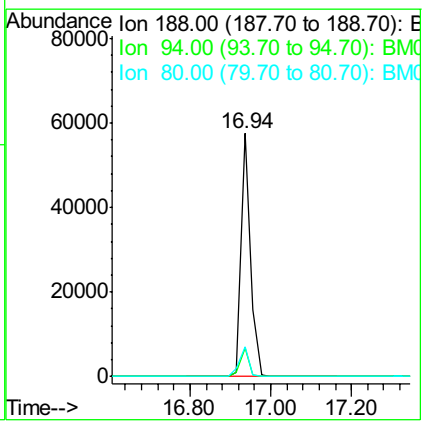
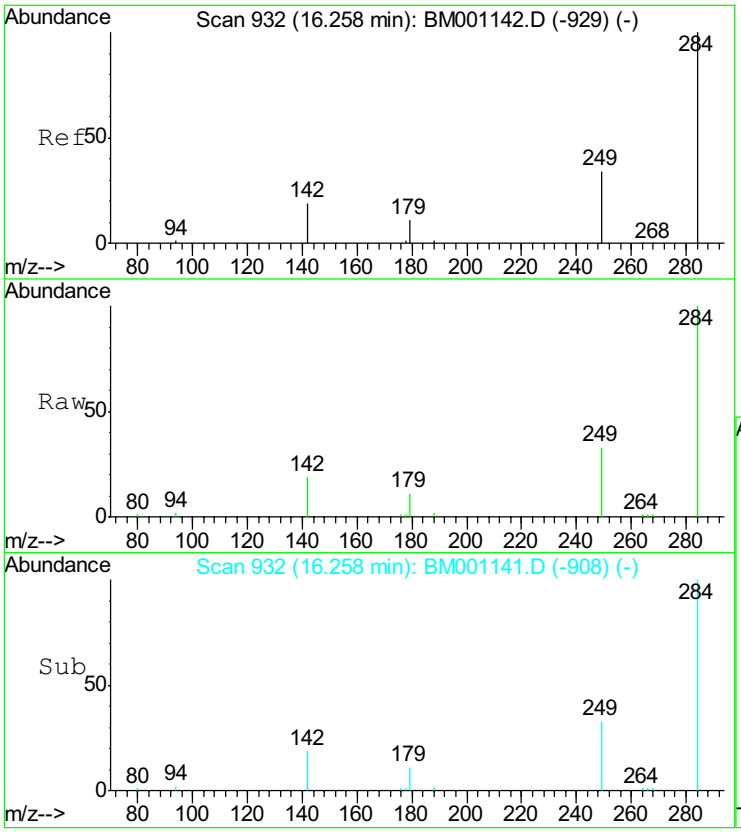


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:188 Resp: 92756

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.3	13.9
80	12.5	9.8	14.6

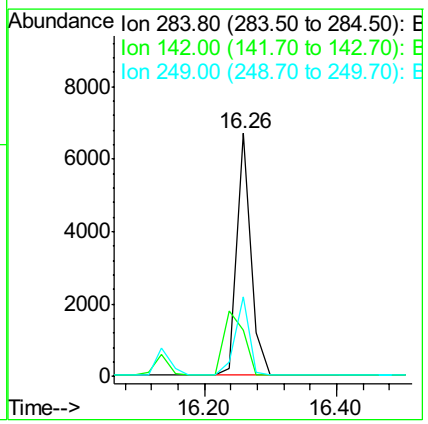




#19
Hexachlorobenzene
Concen: 1.94 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:284 Resp: 9931

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	32.1	26.5	39.7



Instrument :
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ClientSampleId :
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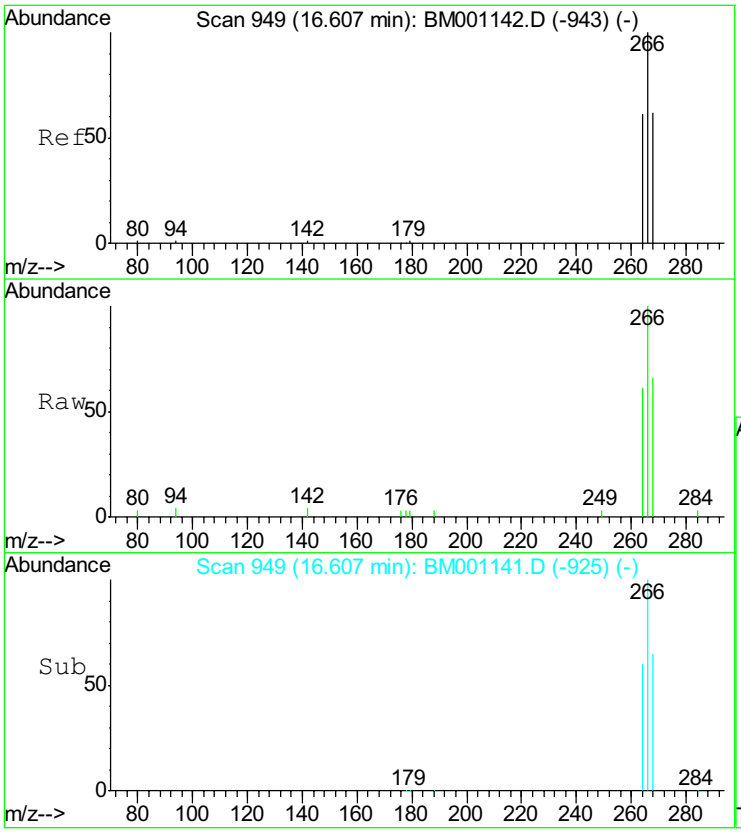
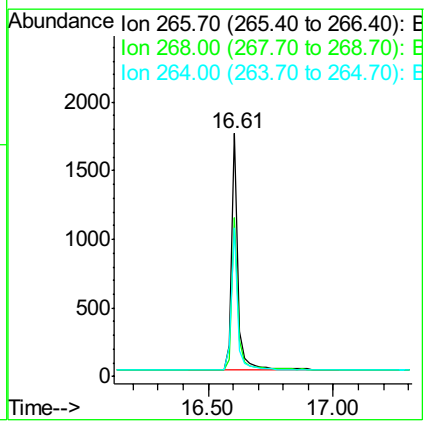
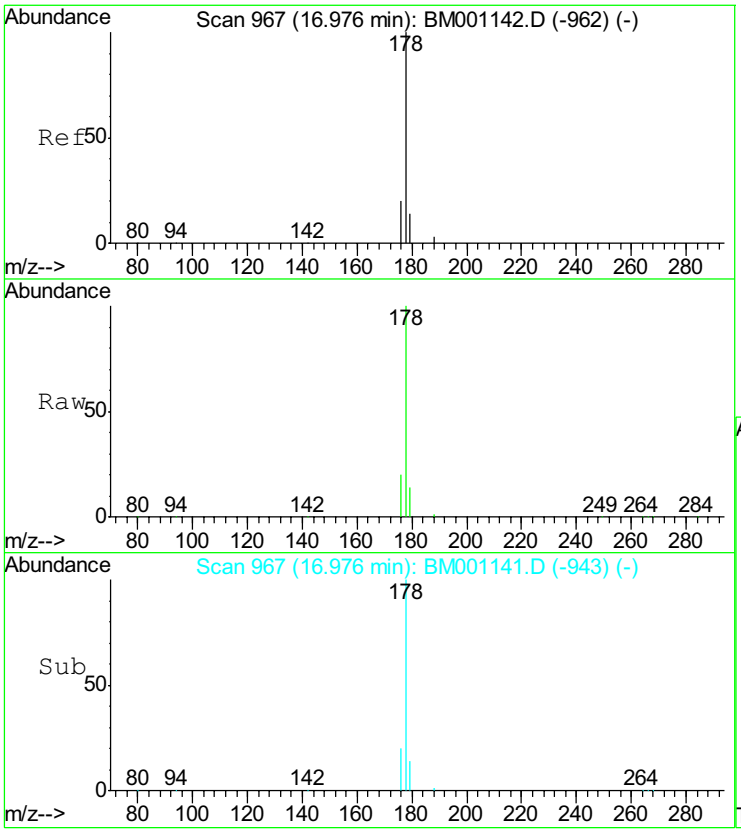


#20
Pentachlorophenol
Concen: 2.12 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:266 Resp: 3099

Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.6	79.0
264	61.3	51.0	76.4

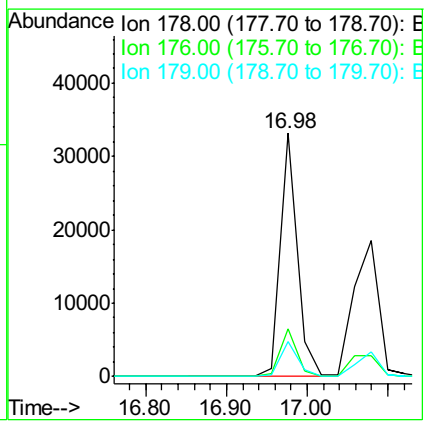




#21
Phenanthrene
Concen: 1.97 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:178 Resp: 48300

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	14.9	12.0	18.0



Instrument :
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ClientSampleId :
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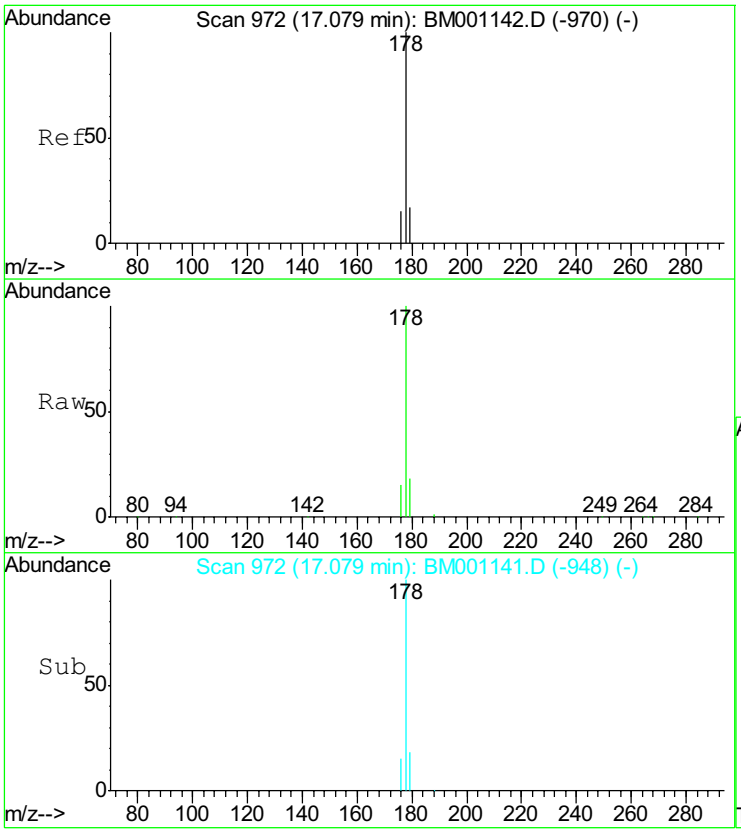
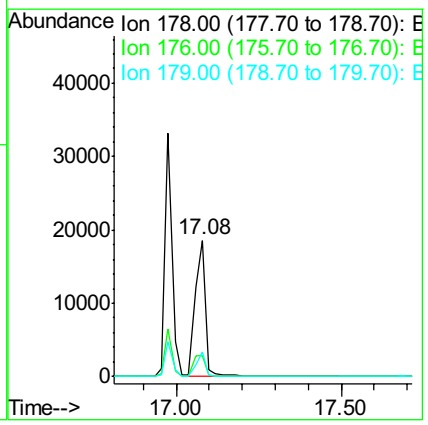
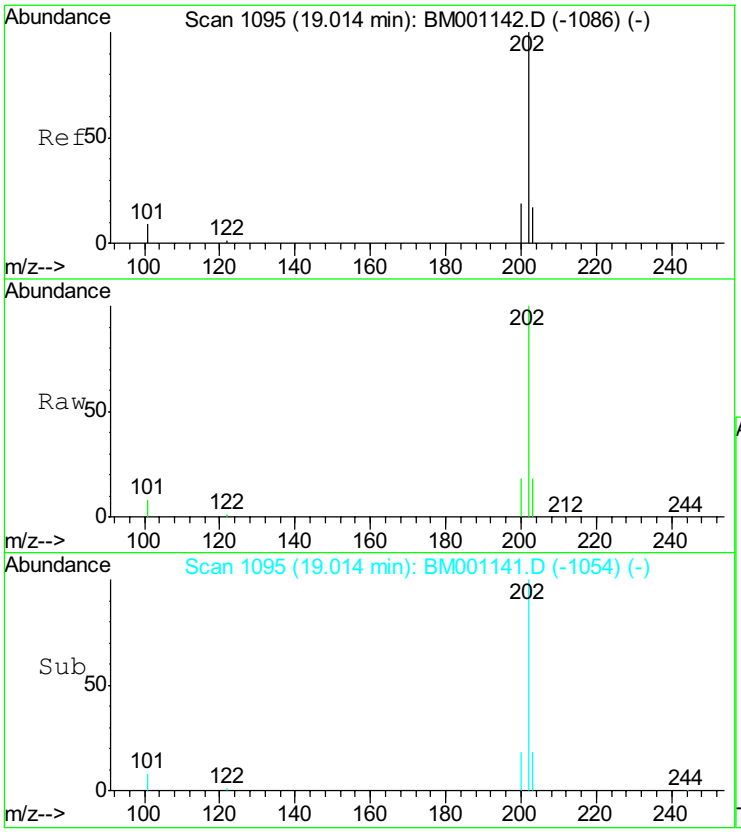


#22
Anthracene
Concen: 1.80 ng
RT: 17.08 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:178 Resp: 40227

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.6	12.2	18.2

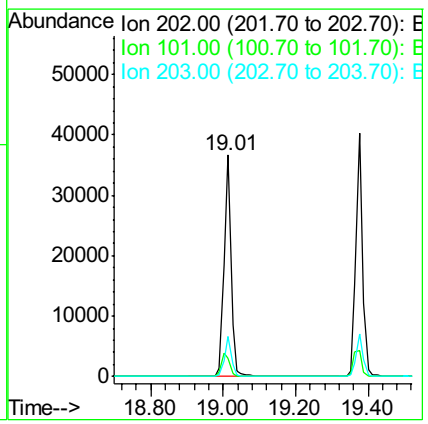




#23
Fluoranthene
Concen: 1.90 ng
RT: 19.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:202 Resp: 48815

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.1	13.7	20.5



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ClientSampleId :
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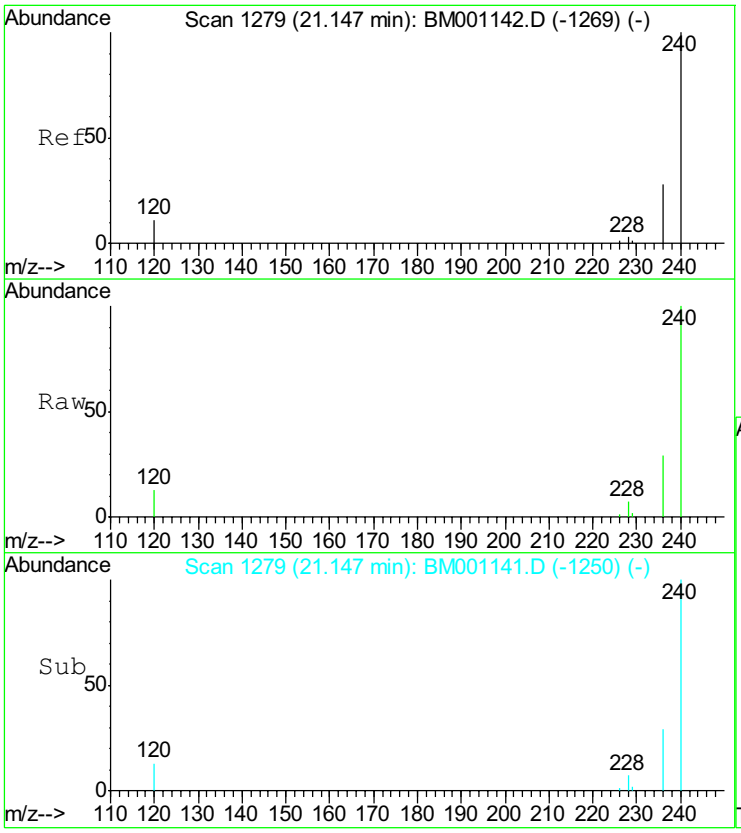
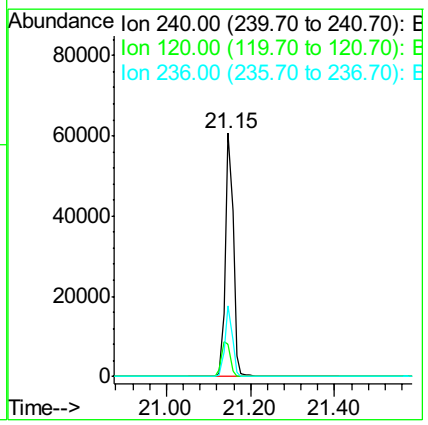
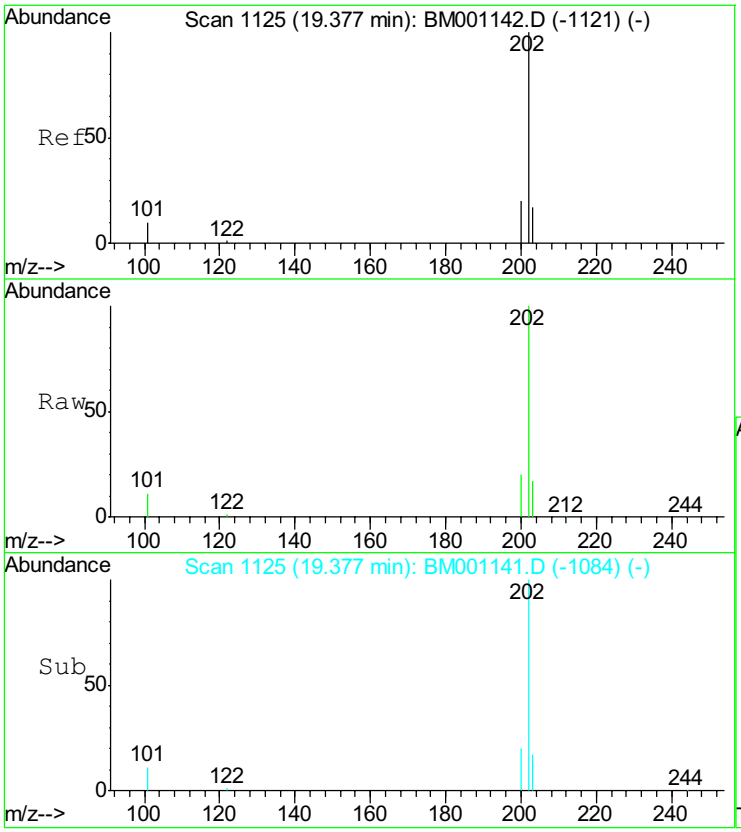


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:240 Resp: 78848

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.2	13.8
236	29.2	22.4	33.6

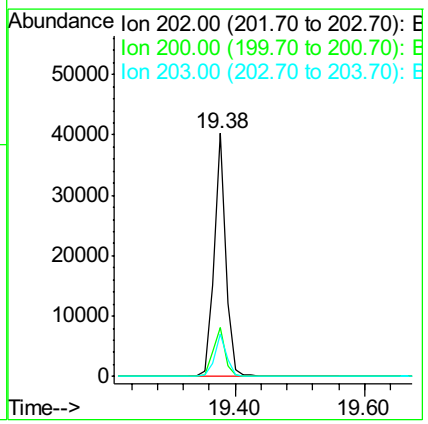




#25
Pyrene
Concen: 1.95 ng
RT: 19.38 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:202 Resp: 50973

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	17.4	13.8	20.6



Instrument :
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ClientSampleId :
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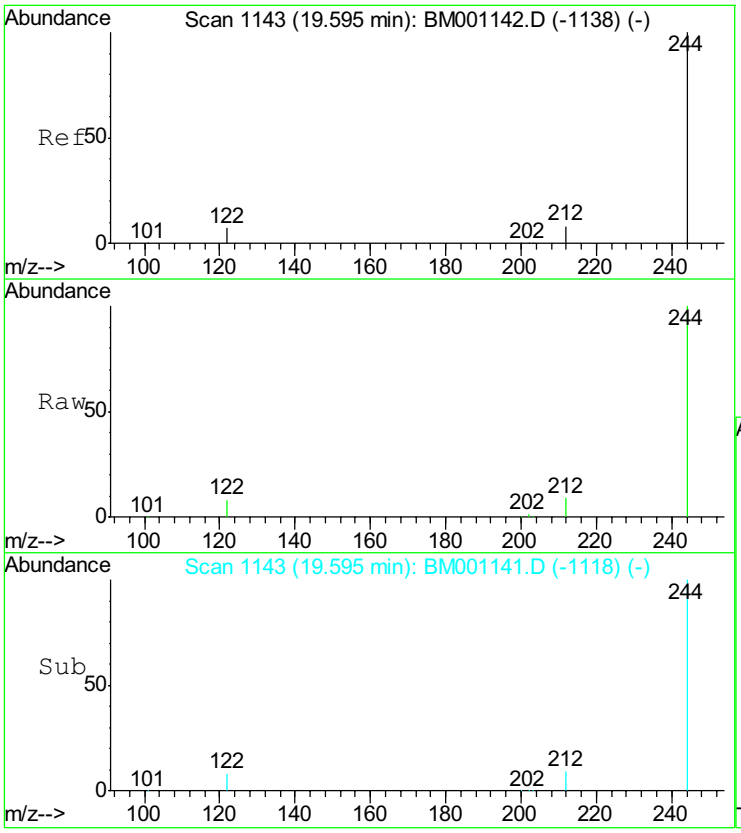
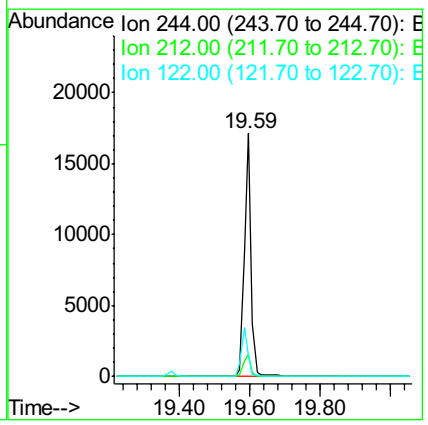
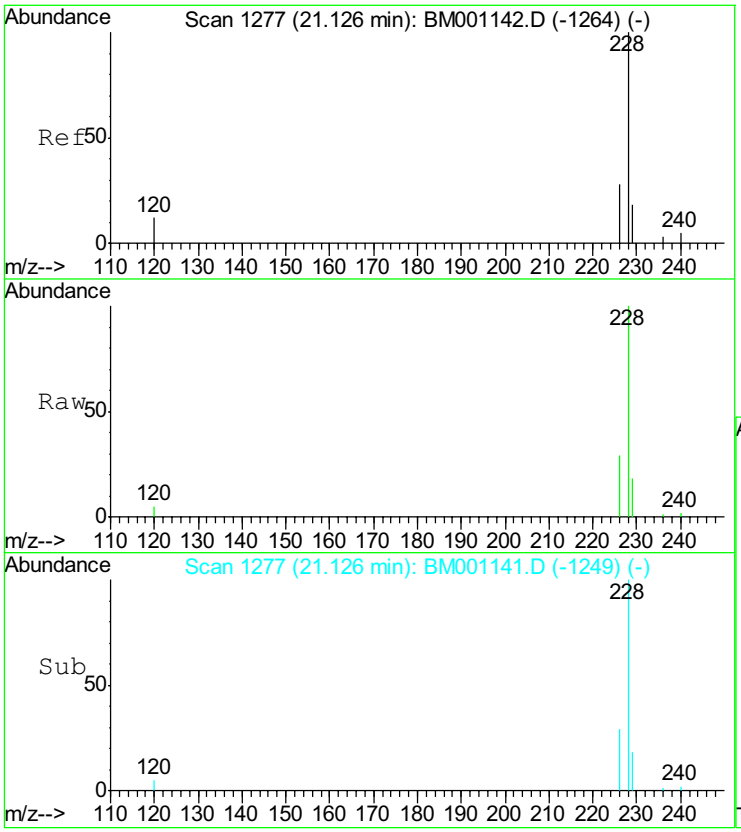


#26
Terphenyl-d14
Concen: 2.09 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:244 Resp: 22370

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.1	10.7
122	8.5	6.2	9.4

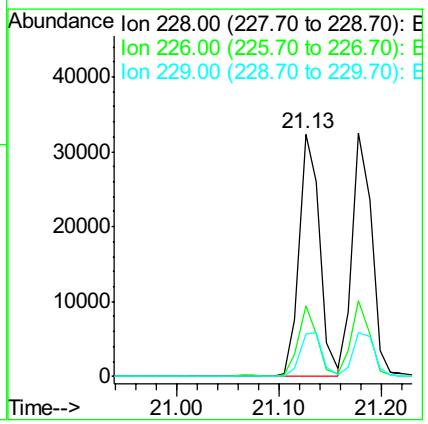




#27
Benzo(a)anthracene
Concen: 1.95 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:228 Resp: 44837

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	17.6	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
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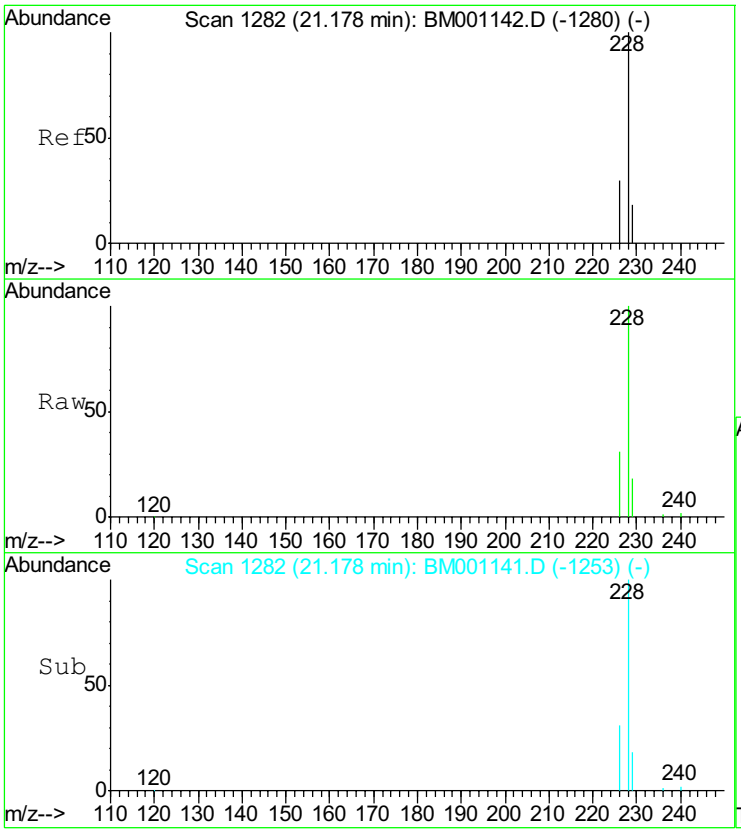
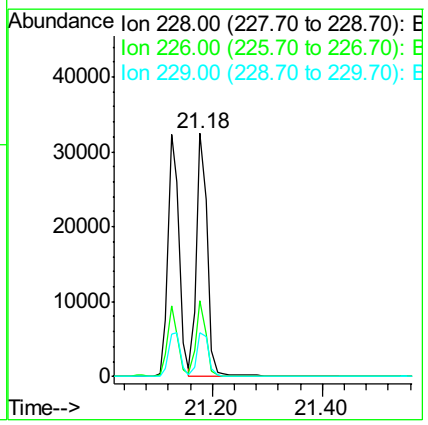
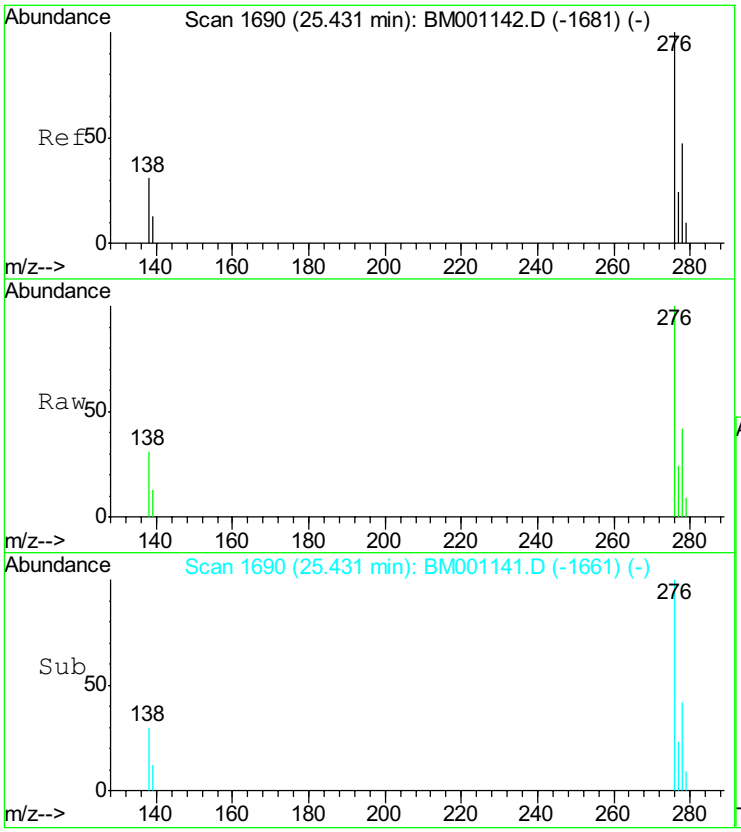


#28
Chrysene
Concen: 1.84 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:228 Resp: 43646

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	17.8	14.3	21.5

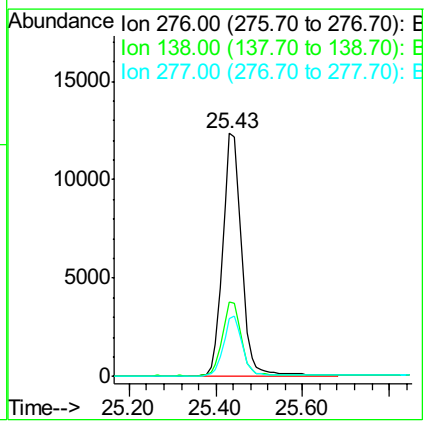




#29
Indeno(1,2,3-cd)pyrene
Concen: 1.58 ng
RT: 25.43 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:276 Resp: 37104

Ion	Ratio	Lower	Upper
276	100		
138	30.7	24.2	36.4
277	24.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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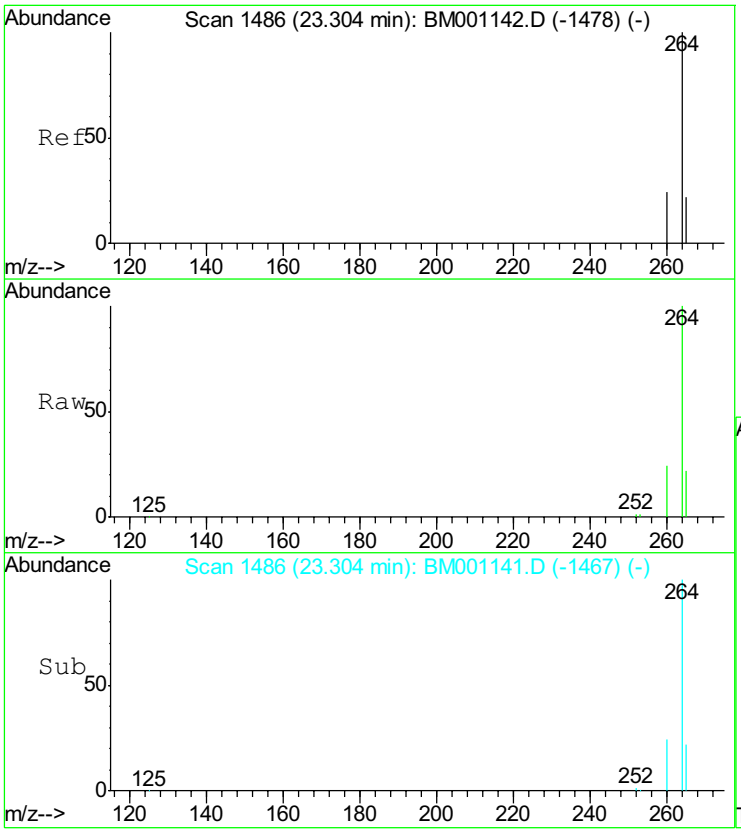
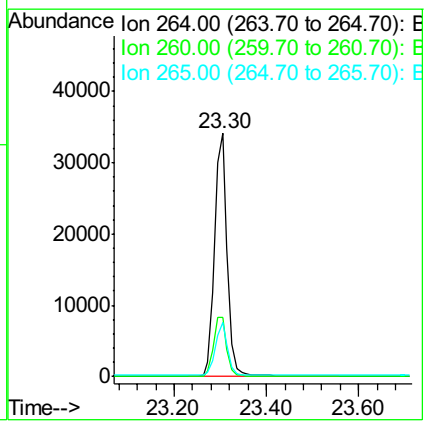
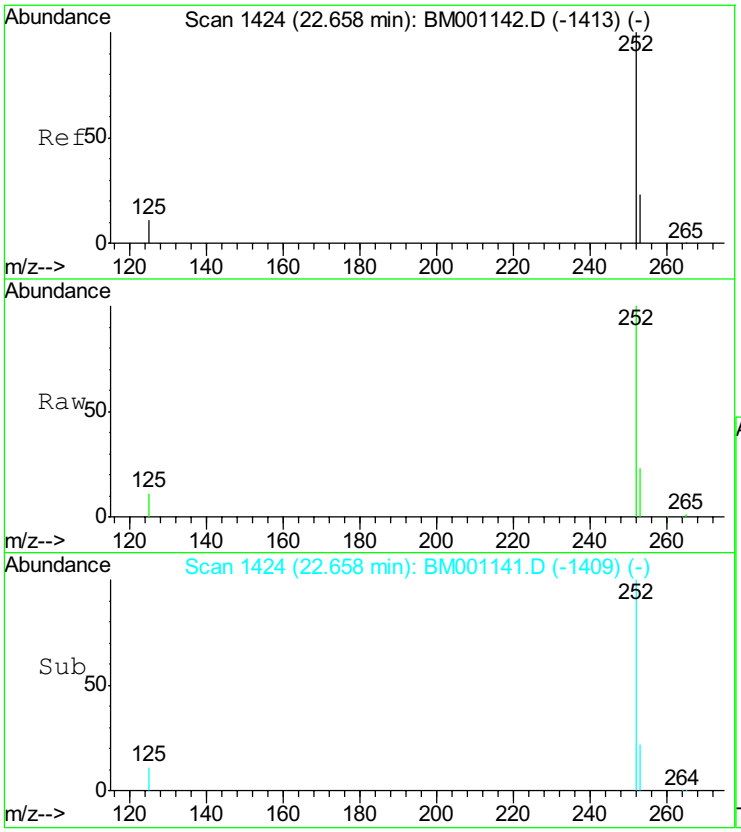


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.30 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:264 Resp: 64869

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.1	18.1	27.1

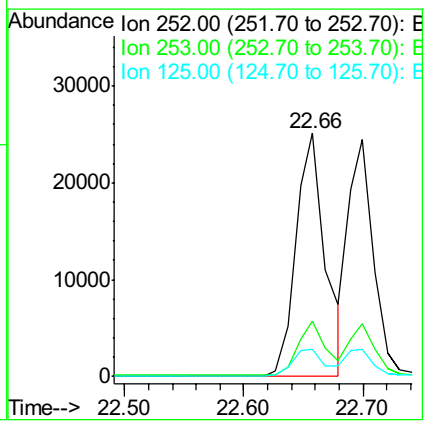




#31
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 22.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:252 Resp: 42856

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.4
125	11.4	9.1	13.7



Instrument :
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ClientSampleId :
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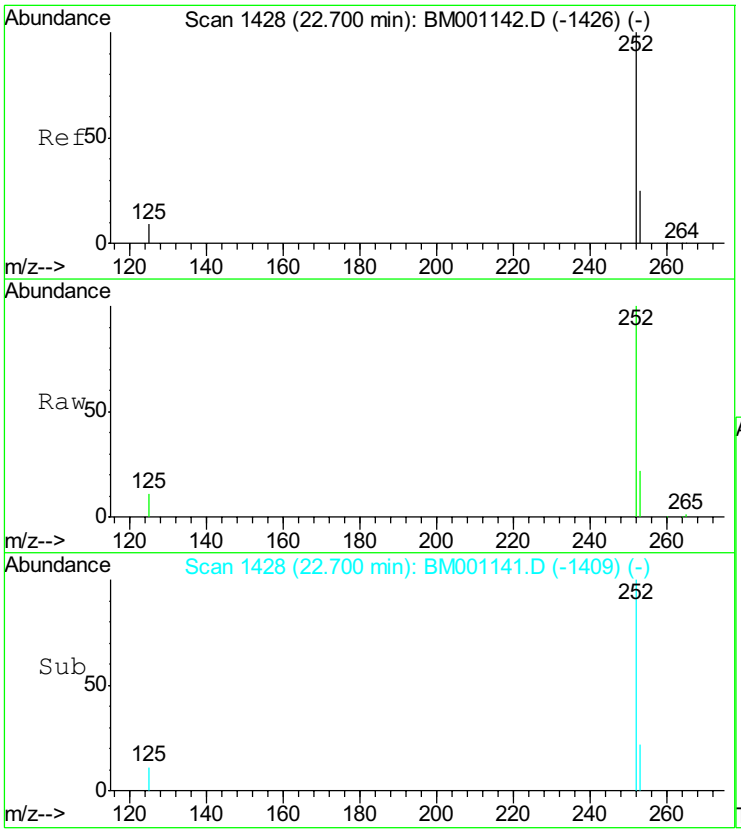
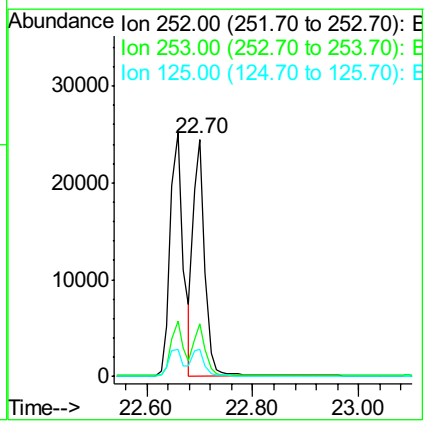
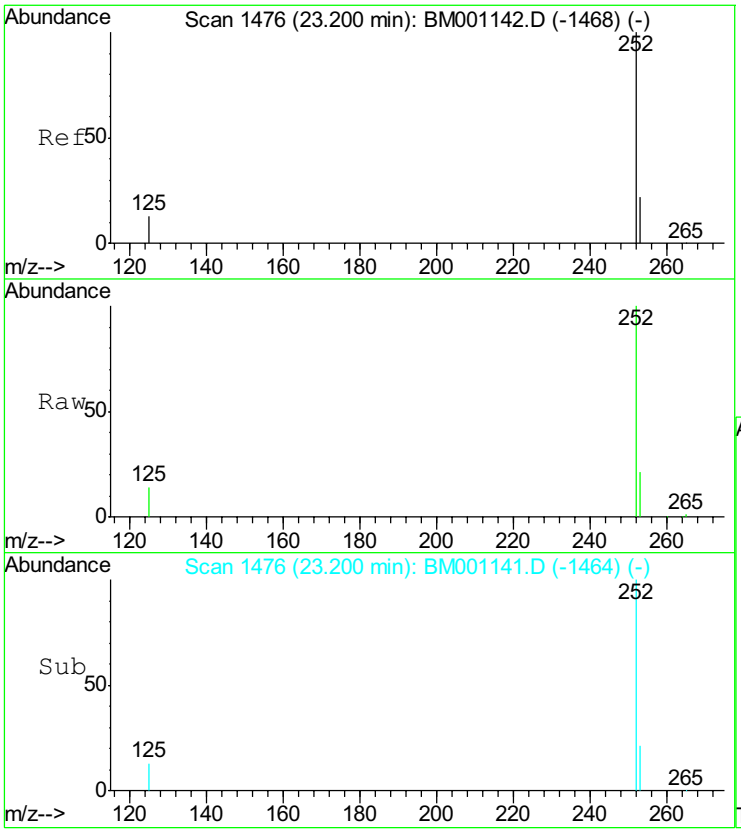


#32
Benzo(k)fluoranthene
Concen: 1.86 ng
RT: 22.70 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:252 Resp: 36887

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.1	28.7
125	11.5	9.3	13.9

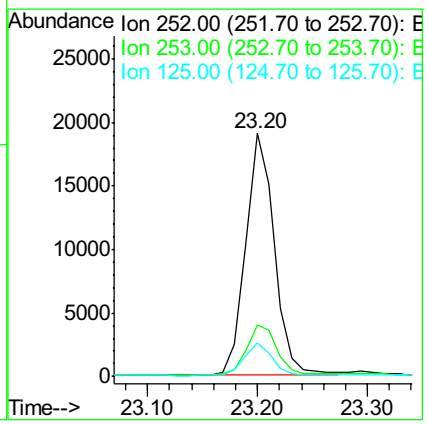




#33
Benzo(a)pyrene
Concen: 1.92 ng
RT: 23.20 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:252 Resp: 34384

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	13.7	10.6	16.0



Instrument :
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ClientSampleId :
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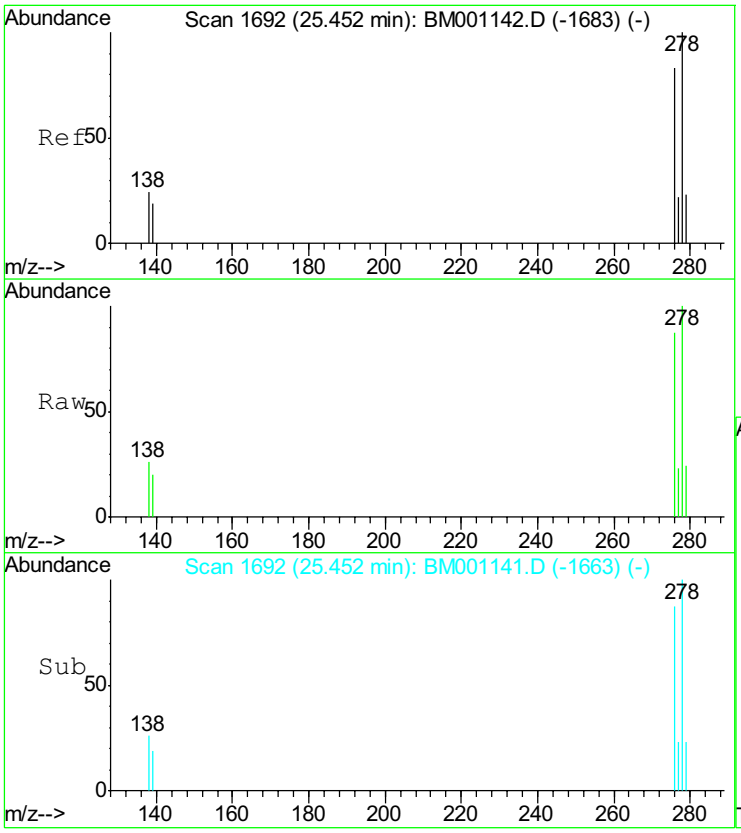
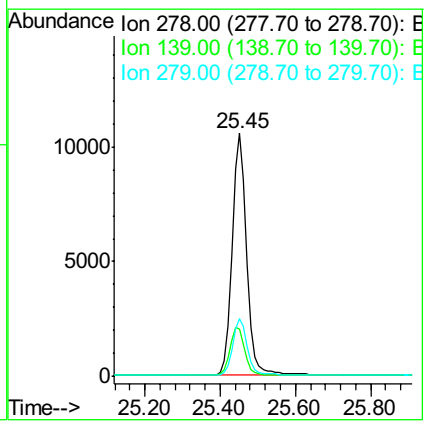
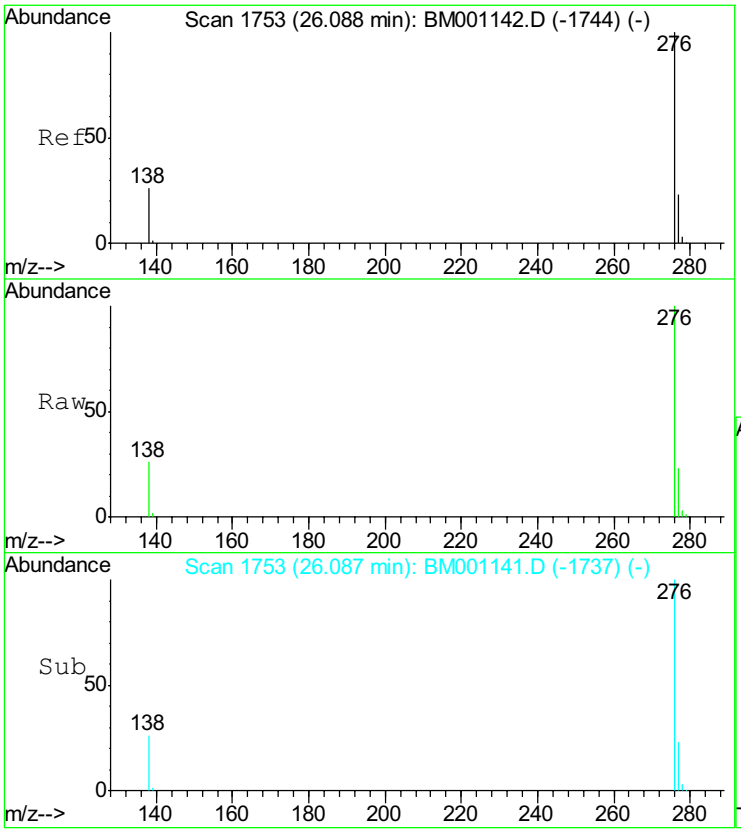


#34
Dibenzo(a,h)anthracene
Concen: 1.69 ng
RT: 25.45 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:278 Resp: 28802

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.5	23.3
279	23.6	19.7	29.5

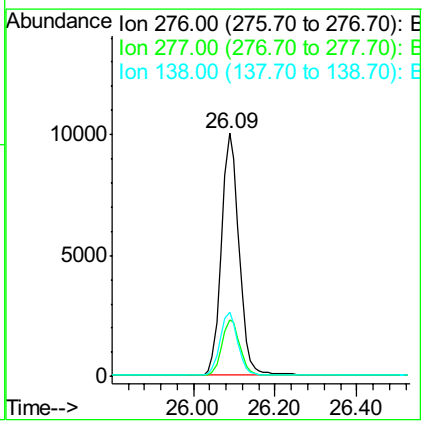




#35
Benzo(g,h,i)perylene
Concen: 1.64 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:276 Resp: 30003

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	26.2	21.3	31.9



Instrument :
BNA_M
ClientSampleId :
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