Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001140.D
Acq On : 01 May 2015 20:45
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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Quant Time: May 02 01:52:17 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17257	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	69310	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	39718	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	91577	5.00	ng		0.00
24) Chrysene-d12	21.15	240	78823	5.00	ng		0.00
30) Perylene-d12	23.30	264	63729	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	17297	4.73	ng		-0.02
5) Phenol-d6	6.71	99	22577	4.57	ng		0.00
7) Nitrobenzene-d5	8.69	82	22623	5.94	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	9429	4.82	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	65581	4.97	ng		0.00
26) Terphenyl-d14	19.59	244	57819	5.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	7291	3.85	ng	#	76
3) n-Nitrosodimethylamine	3.34	42	10980	5.54	ng		94
8) Nitrobenzene	8.73	77	25125	4.72	ng		95
9) Naphthalene	10.36	128	76163	4.67	ng		99
10) Hexachlorobutadiene	10.65	225	14534	4.85	ng		99
11) 2-Methylnaphthalene	11.98	142	54147m	5.07	ng		
15) Acenaphthylene	13.91	152	92840	5.21	ng	#	100
16) Acenaphthene	14.24	154	59011	4.82	ng		96
17) Fluorene	15.24	166	72800	5.12	ng		100
19) Hexachlorobenzene	16.26	284	25231	4.98	ng	#	99
20) Pentachlorophenol	16.61	266	10634	7.36	ng		96
21) Phenanthrene	16.98	178	119397	4.92	ng		99
22) Anthracene	17.08	178	102160m	4.64	ng		
23) Fluoranthene	19.01	202	124787	4.92	ng		100
25) Pyrene	19.38	202	132160	5.05	ng		100
27) Benzo(a)anthracene	21.13	228	115996	5.05	ng		99
28) Chrysene	21.18	228	108518	4.58	ng		98
29) Indeno(1,2,3-cd)pyrene	25.43	276	94318	4.01	ng		100
31) Benzo(b)fluoranthene	22.66	252	110793	5.35	ng		98
32) Benzo(k)fluoranthene	22.70	252	92021	4.73	ng		98
33) Benzo(a)pyrene	23.20	252	88741	5.05	ng		98
34) Dibenzo(a,h)anthracene	25.45	278	73499	4.38	ng		99
35) Benzo(g,h,i)perylene	26.09	276	74936	4.16	ng		100

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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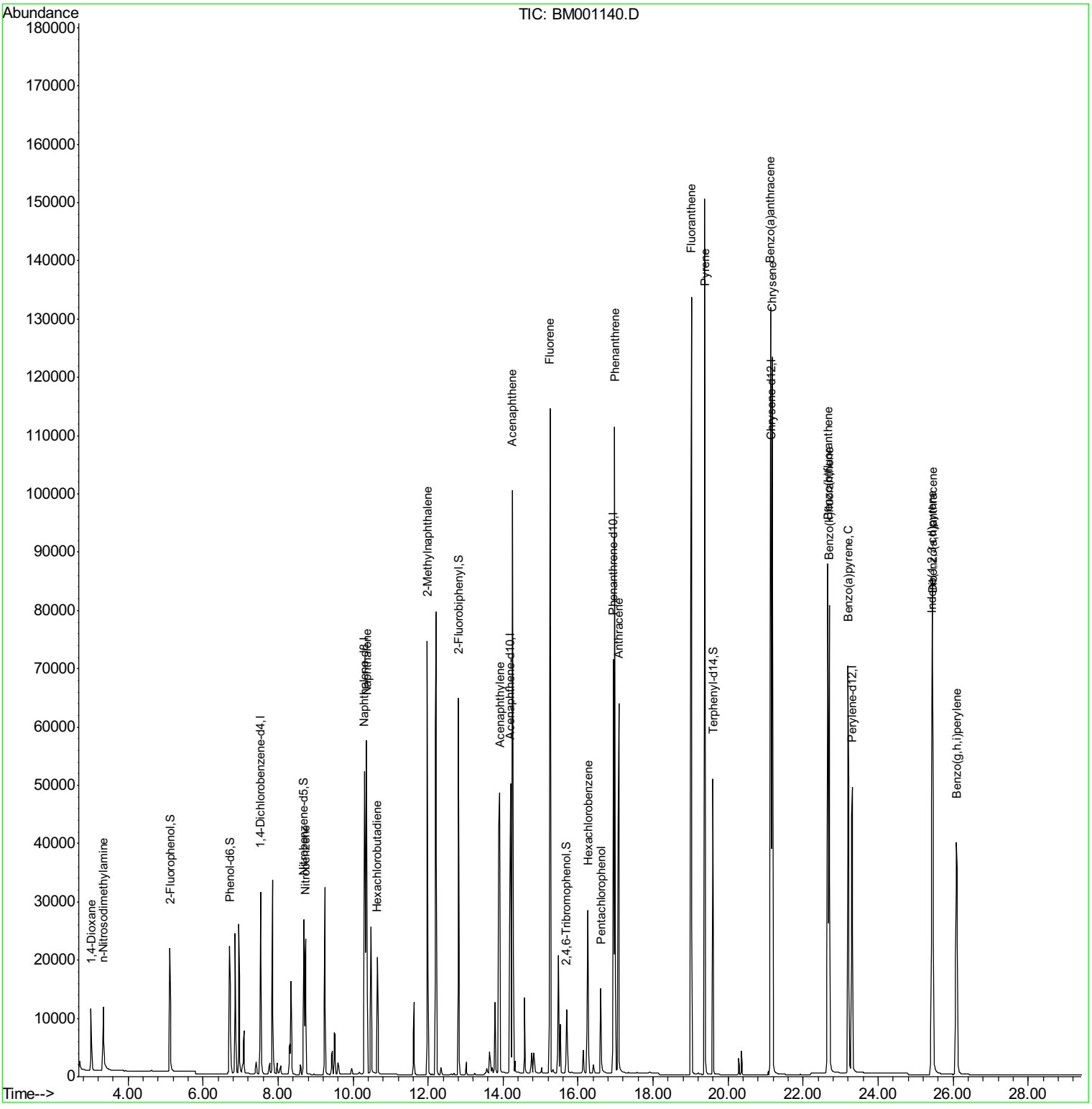
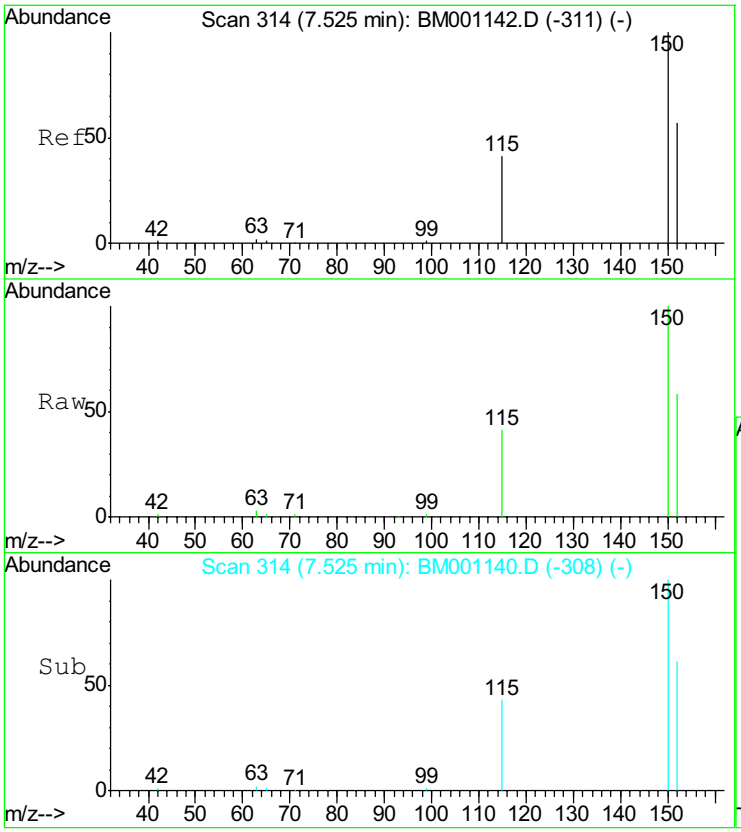
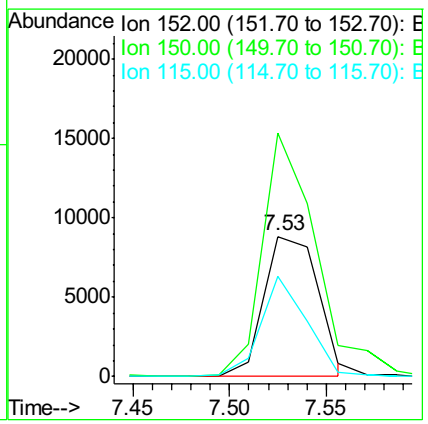




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:152 Resp: 17257

Ion	Ratio	Lower	Upper
152	100		
150	173.4	140.1	210.1
115	71.5	57.8	86.6



Instrument :
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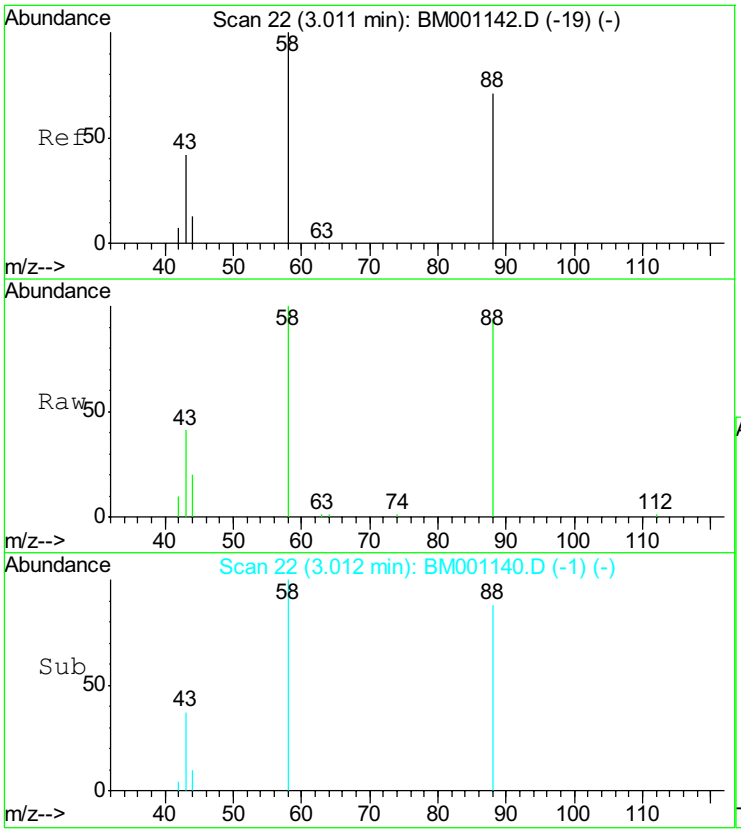
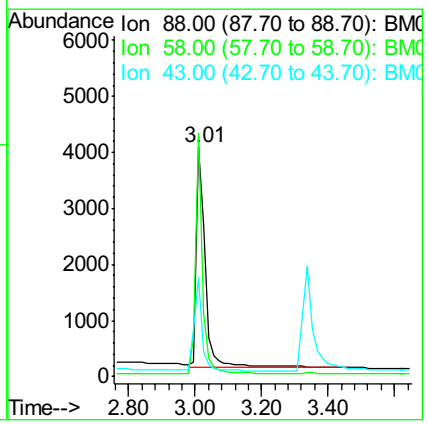
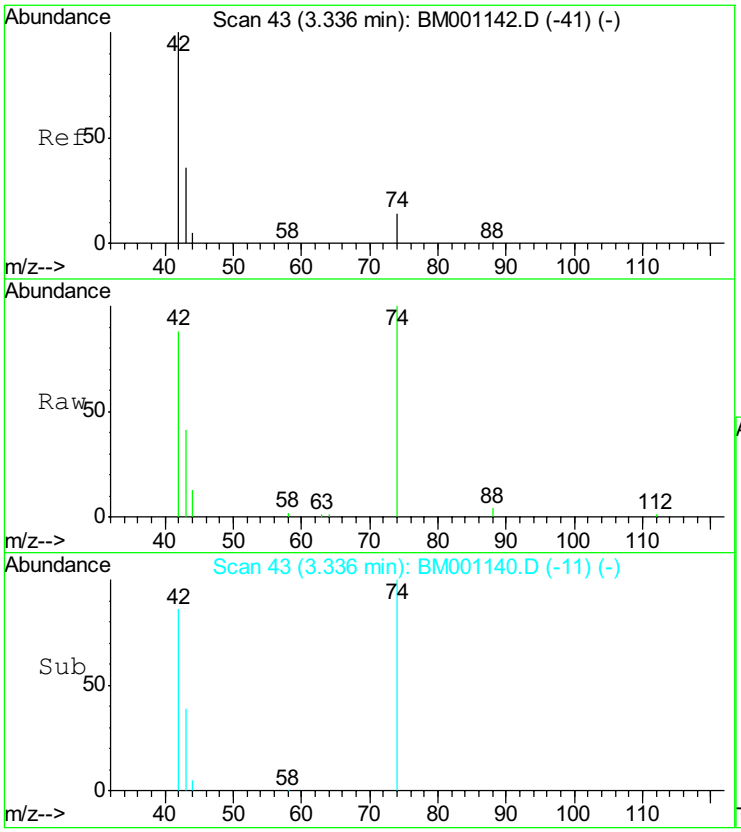


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion: 88 Resp: 7291

Ion	Ratio	Lower	Upper
88	100		
58	83.2	48.2	72.2#
43	37.4	24.8	37.2#

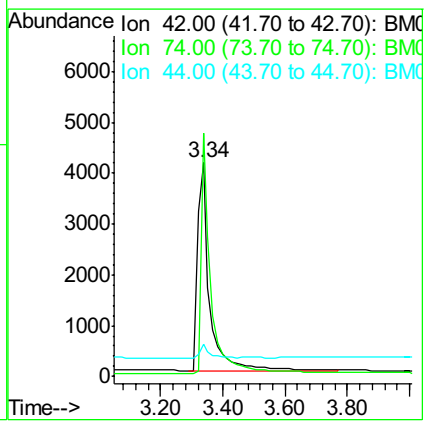




#3
n-Nitrosodimethylamine
Concen: 5.54 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion: 42 Resp: 10980

Ion	Ratio	Lower	Upper
42	100		
74	95.7	72.0	108.0
44	5.5	3.7	5.5



Instrument :
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ClientSampleId :
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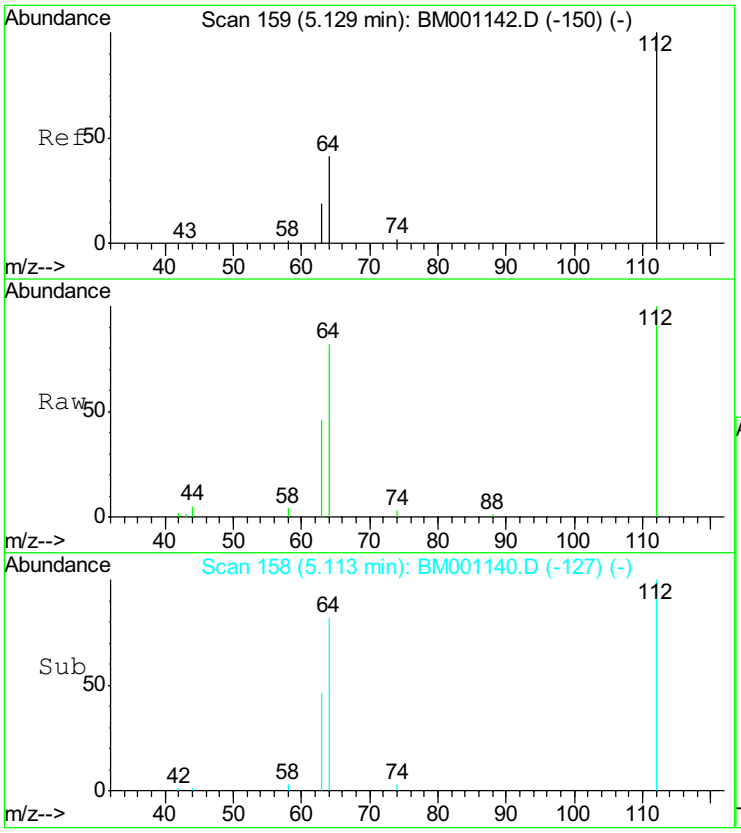
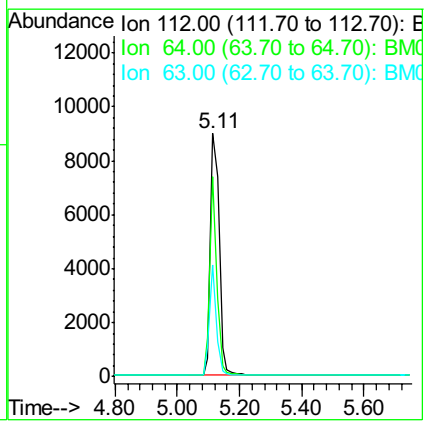
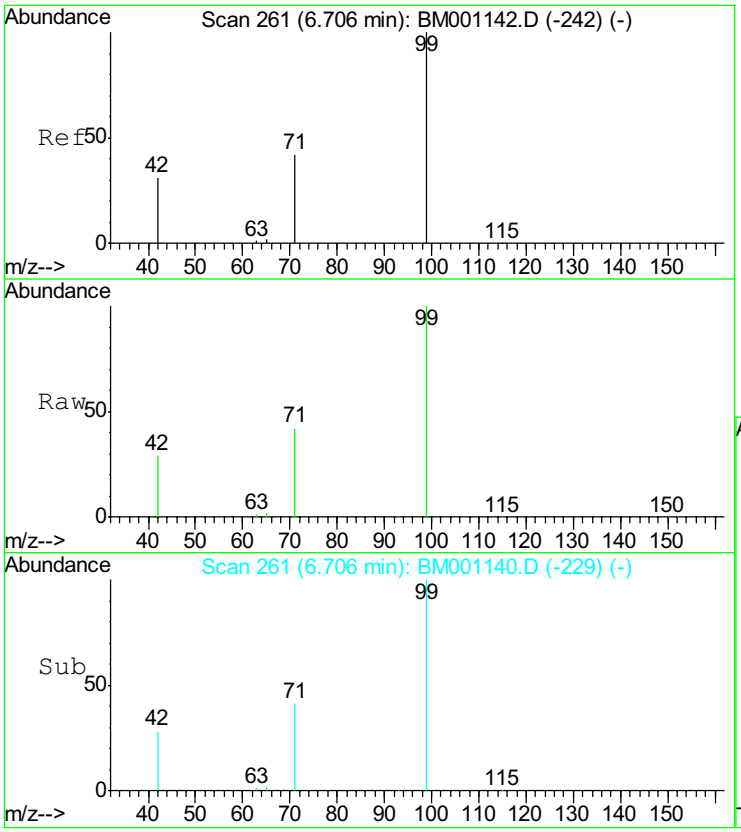


#4
2-Fluorophenol
Concen: 4.73 ng/uL
RT: 5.11 min Scan# 158
Delta R.T. -0.02 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:112 Resp: 17297

Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.6	79.0
63	36.6	29.5	44.3

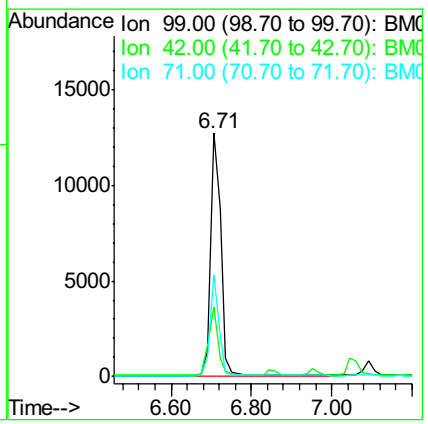




#5
Phenol-d6
Concen: 4.57 ng/uL
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion: 99 Resp: 22577

Ion	Ratio	Lower	Upper
99	100		
42	26.4	20.9	31.3
71	35.9	28.5	42.7



Instrument :
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ClientSampleId :
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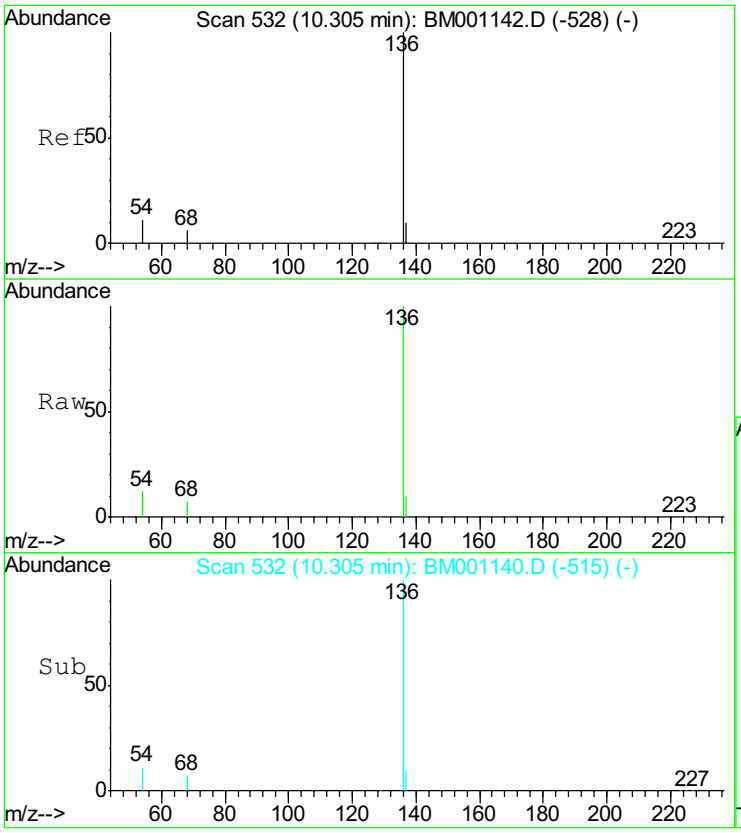
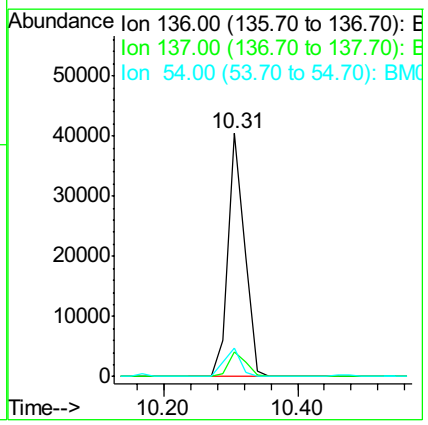
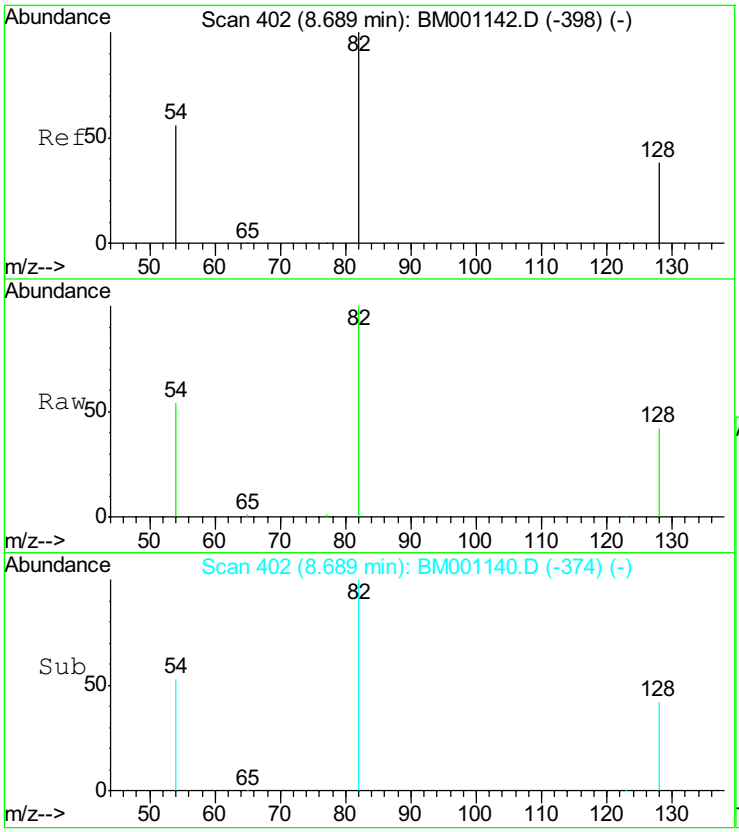


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:136 Resp: 69310

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.5	9.0	13.4

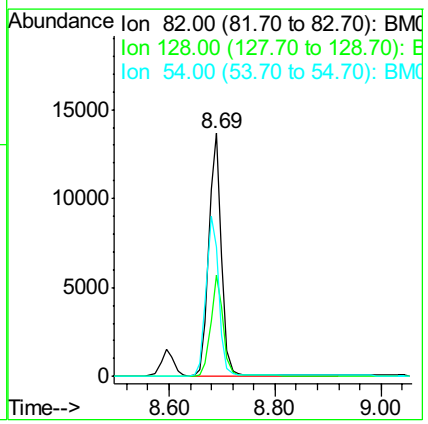




#7
Nitrobenzene-d5
Concen: 5.94 ng
RT: 8.69 min Scan# 402
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion: 82 Resp: 22623

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.9	47.9
54	53.5	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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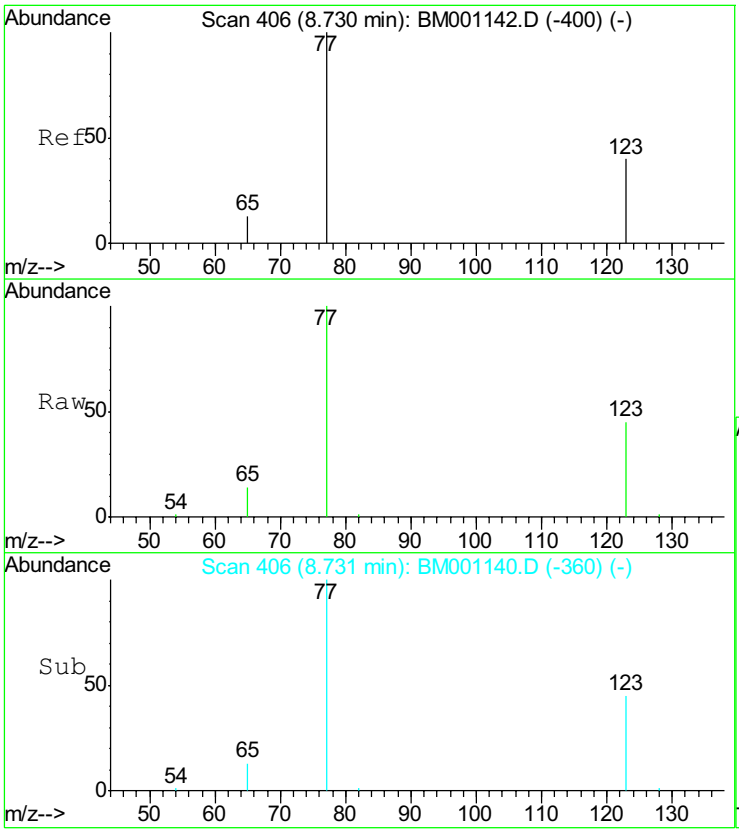
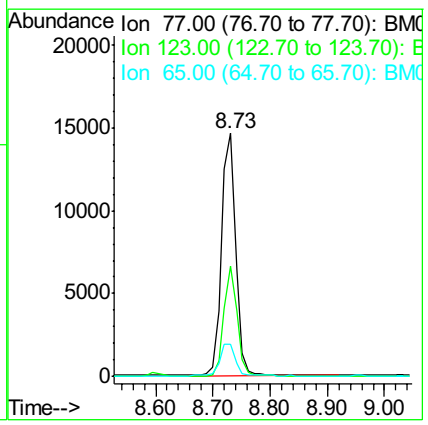
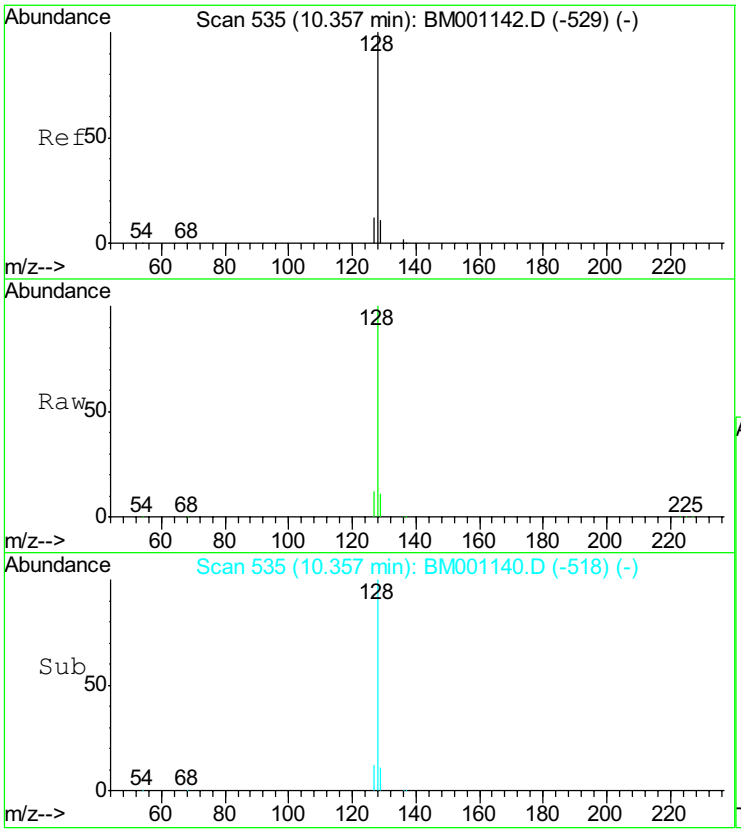


#8
Nitrobenzene
Concen: 4.72 ng/uL
RT: 8.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion: 77 Resp: 25125

Ion	Ratio	Lower	Upper
77	100		
123	42.2	31.0	46.6
65	14.2	10.6	15.8

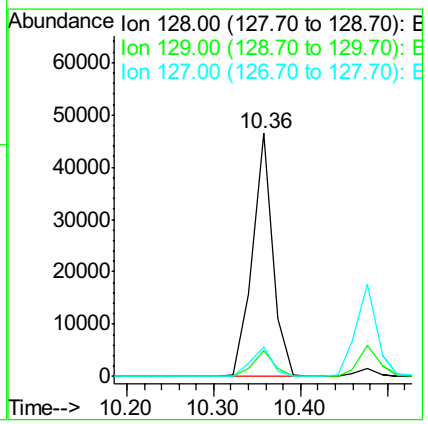




#9
Naphthalene
Concen: 4.67 ng
RT: 10.36 min Scan# 535
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:128 Resp: 76163

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.3	10.0	15.0



Instrument :
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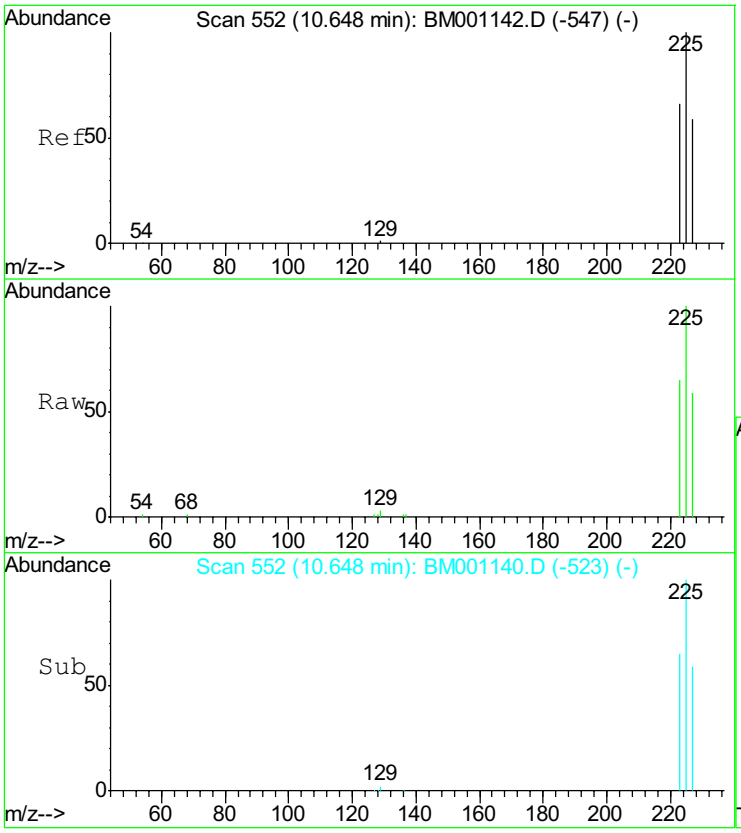
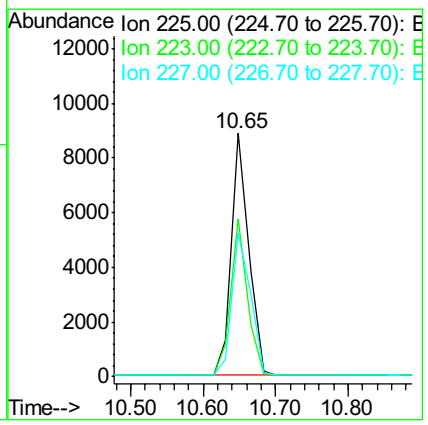
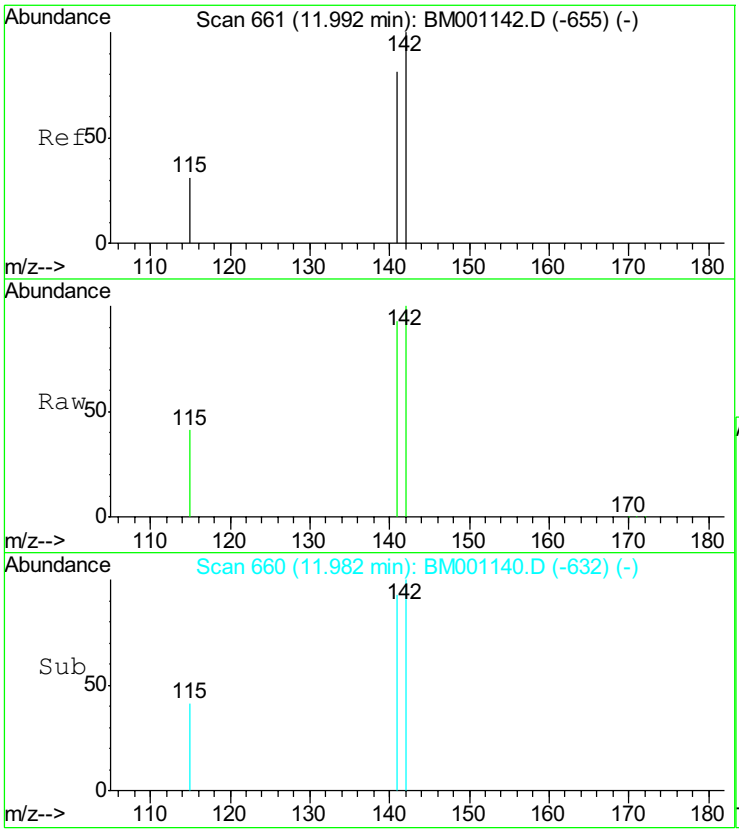


#10
Hexachlorobutadiene
Concen: 4.85 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:225 Resp: 14534

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	63.4	51.0	76.4

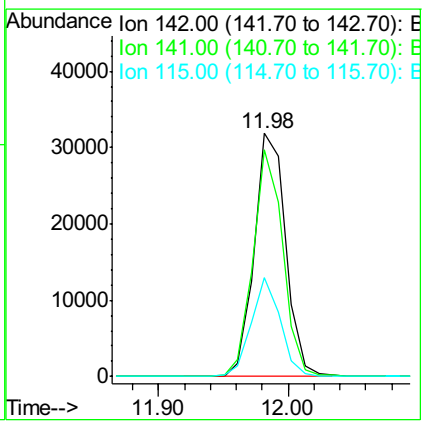




#11
2-Methylnaphthalene
Concen: 5.07 ng m
RT: 11.98 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:142 Resp: 54147

Ion	Ratio	Lower	Upper
142	100		
141	93.2	65.1	97.7
115	40.8	25.1	37.7#



Instrument :
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ClientSampleId :
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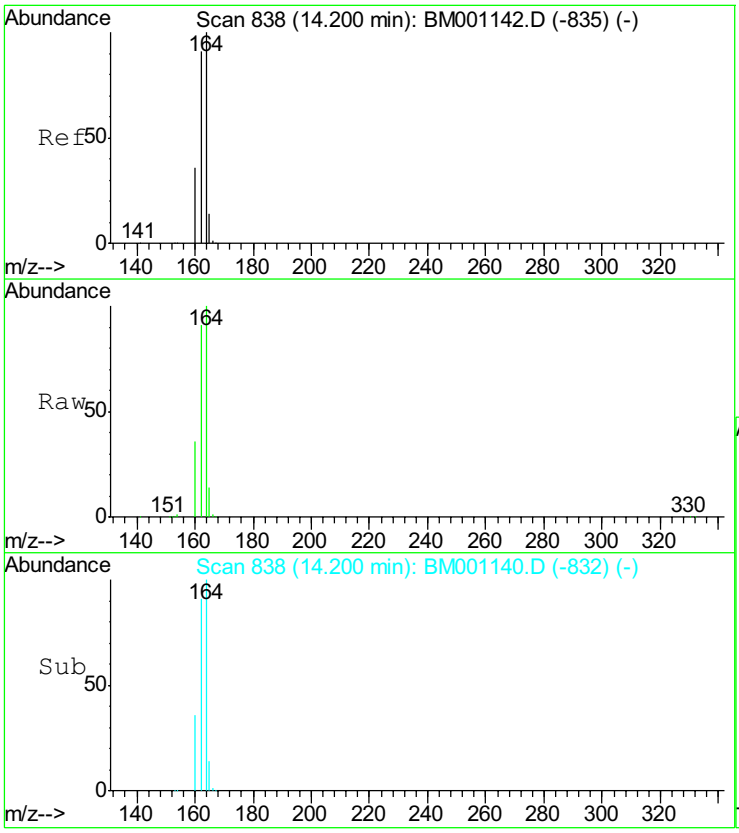
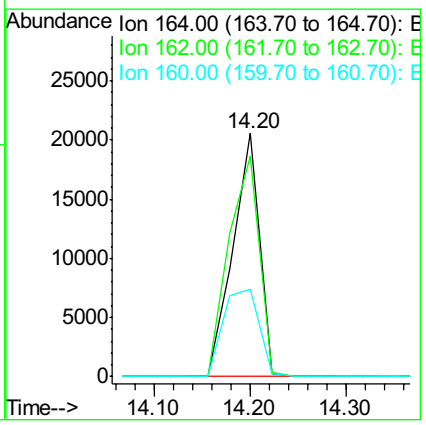
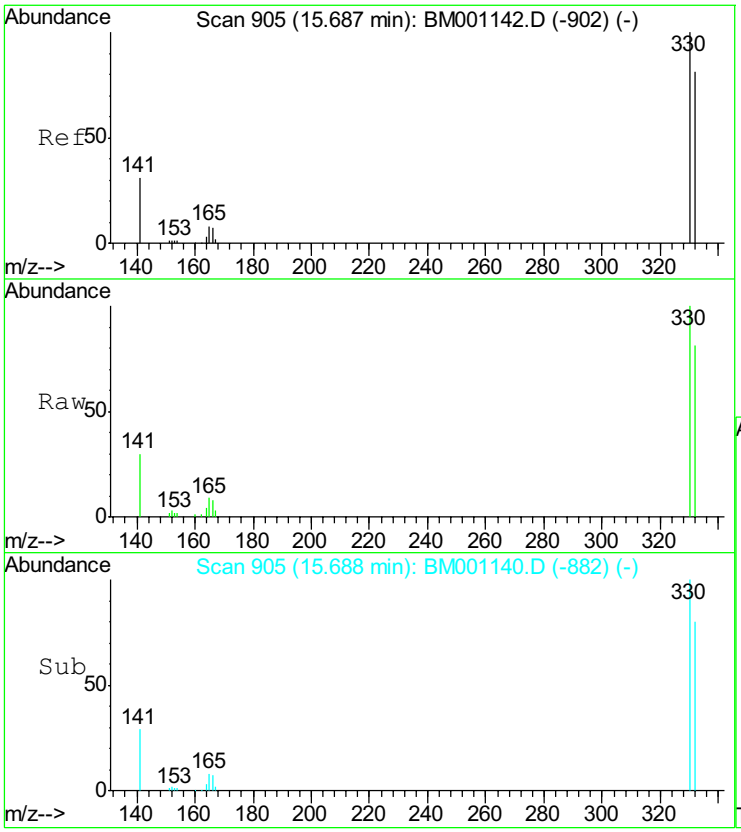


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:164 Resp: 39718

Ion	Ratio	Lower	Upper
164	100		
162	90.7	72.7	109.1
160	36.0	28.7	43.1

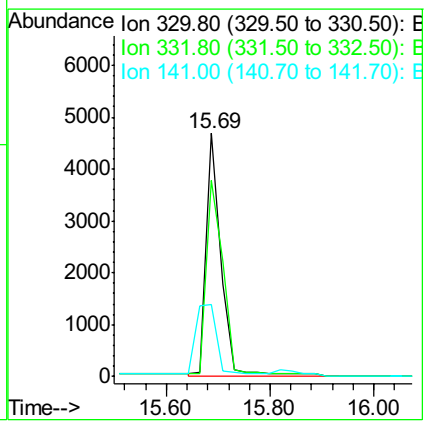




#13
2,4,6-Tribromophenol
Concen: 4.82 ng/uL
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:330 Resp: 9429

Ion	Ratio	Lower	Upper
330	100		
332	93.6	74.5	111.7
141	41.3	21.0	31.4#



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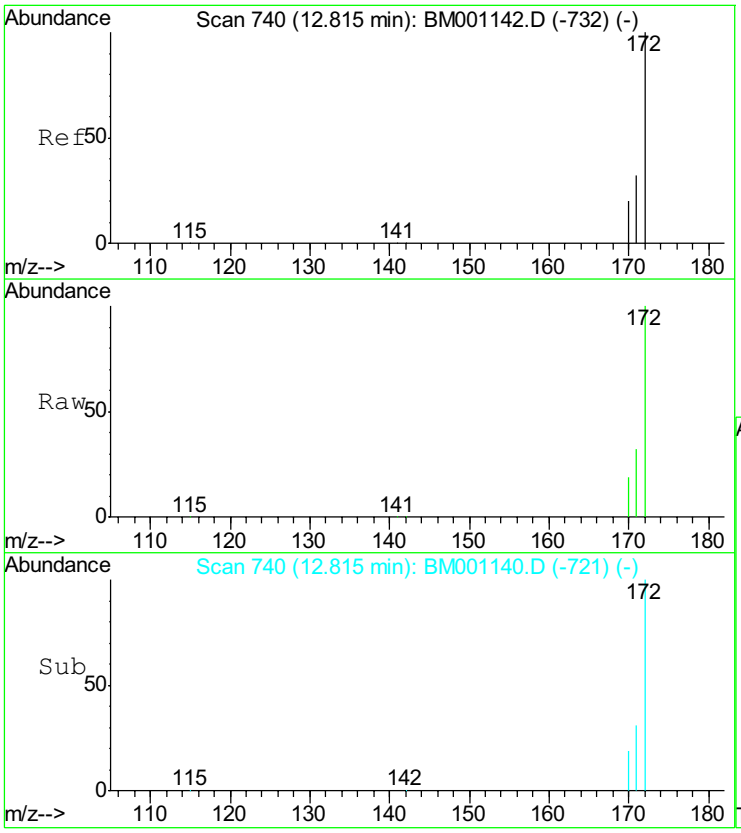
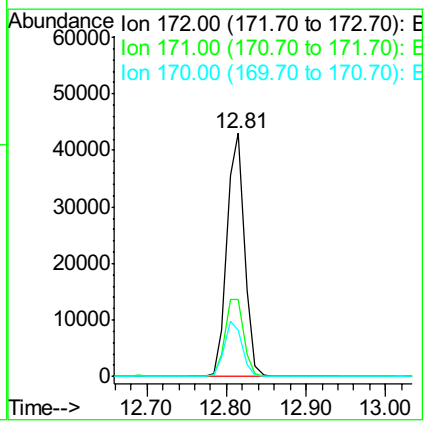
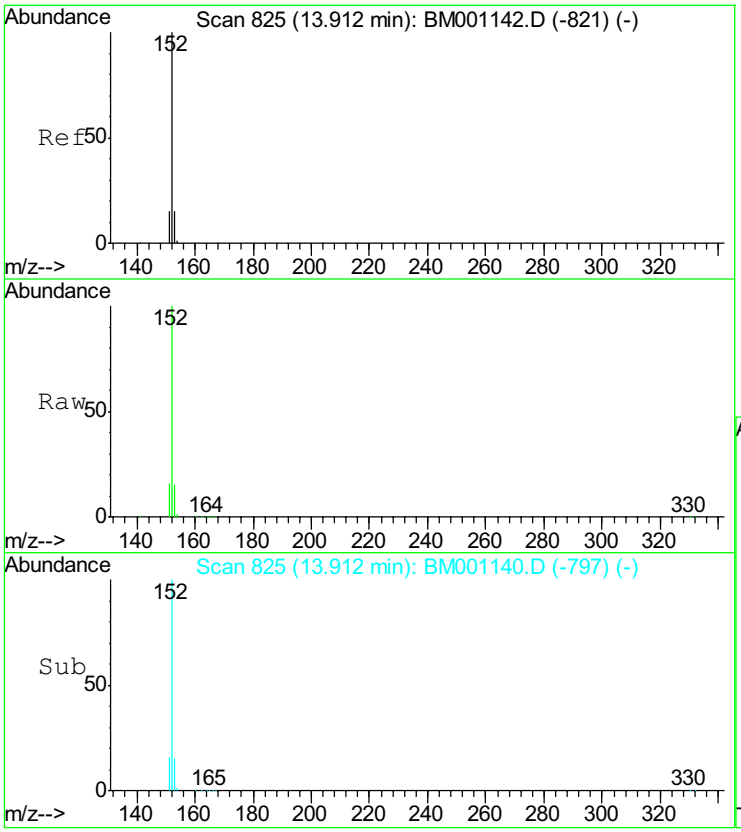


#14
2-Fluorobiphenyl
Concen: 4.97 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:172 Resp: 65581

Ion	Ratio	Lower	Upper
172	100		
171	31.5	25.8	38.6
170	18.9	16.1	24.1

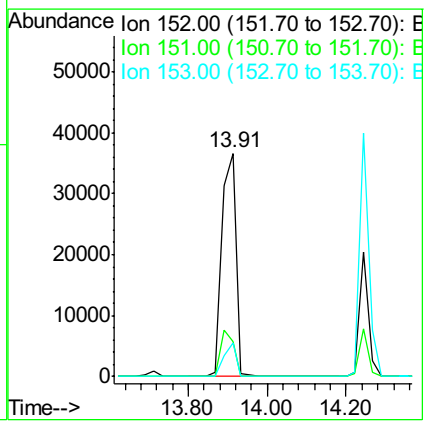




#15
Acenaphthylene
Concen: 5.21 ng
RT: 13.91 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:152 Resp: 92840

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	13.0	10.3	15.5



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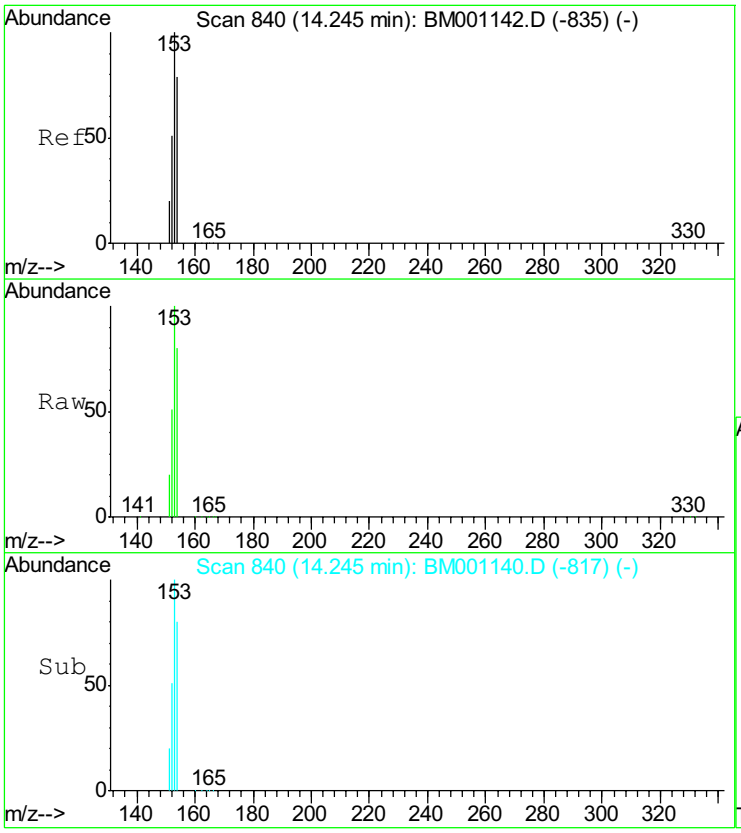
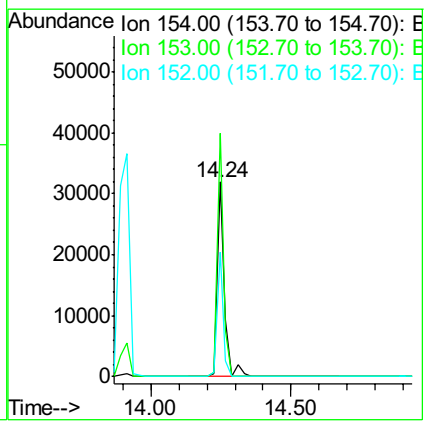
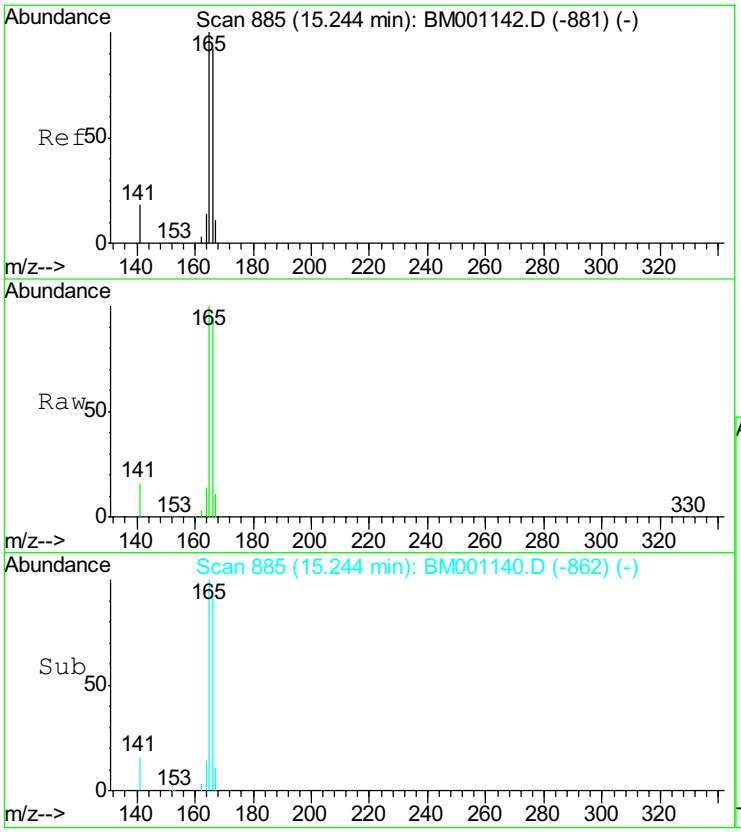


#16
Acenaphthene
Concen: 4.82 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:154 Resp: 59011

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.6	136.0
152	53.7	45.0	67.4

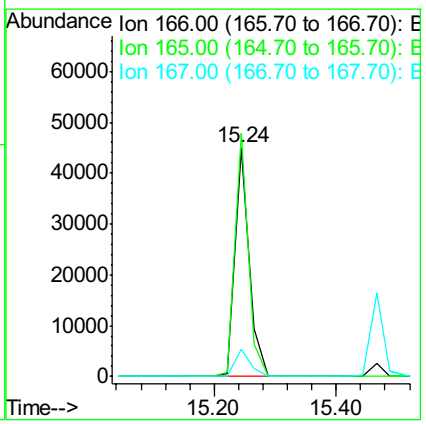




#17
Fluorene
Concen: 5.12 ng
RT: 15.24 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:166 Resp: 72800

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.0	121.6
167	13.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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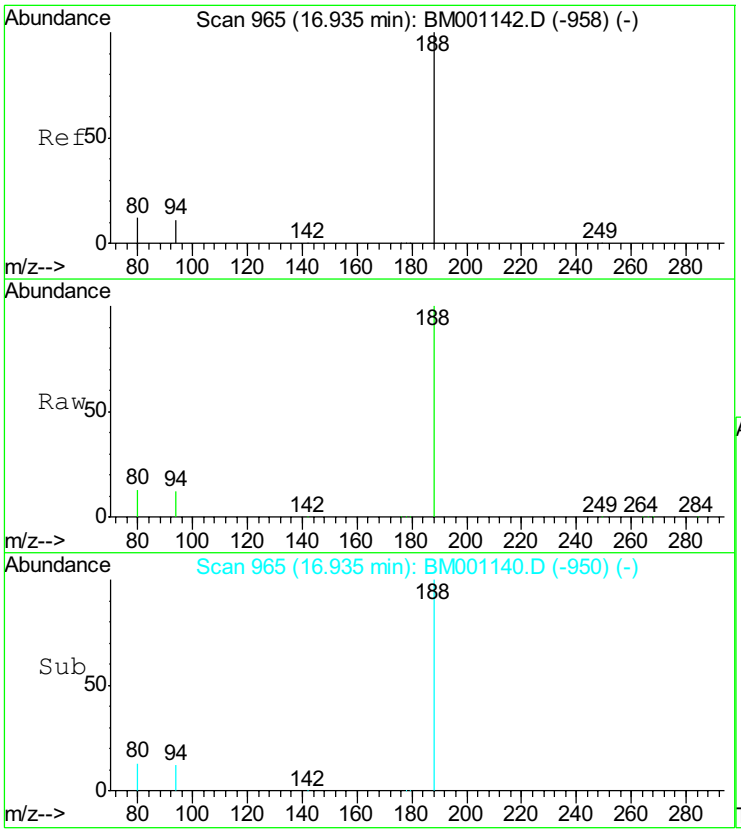
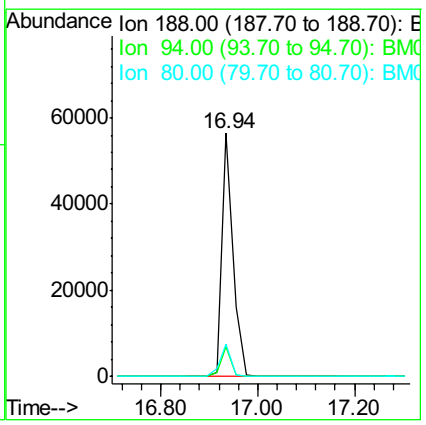
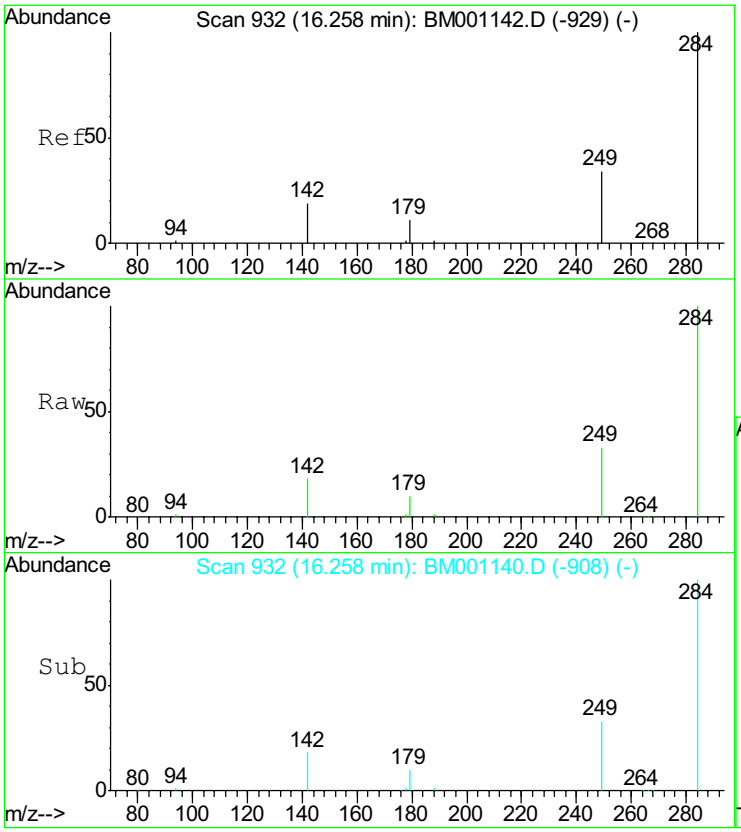


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:188 Resp: 91577

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.3	13.9
80	13.3	9.8	14.6

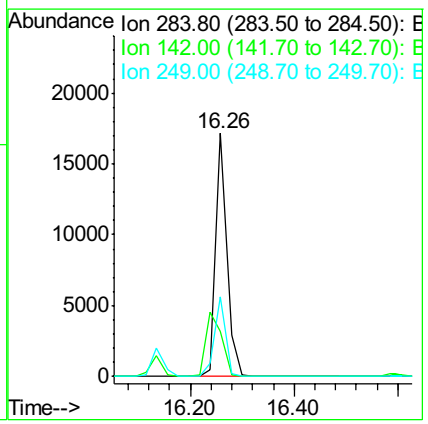




#19
Hexachlorobenzene
Concen: 4.98 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:284 Resp: 25231

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	32.6	26.5	39.7



Instrument :
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ClientSampleId :
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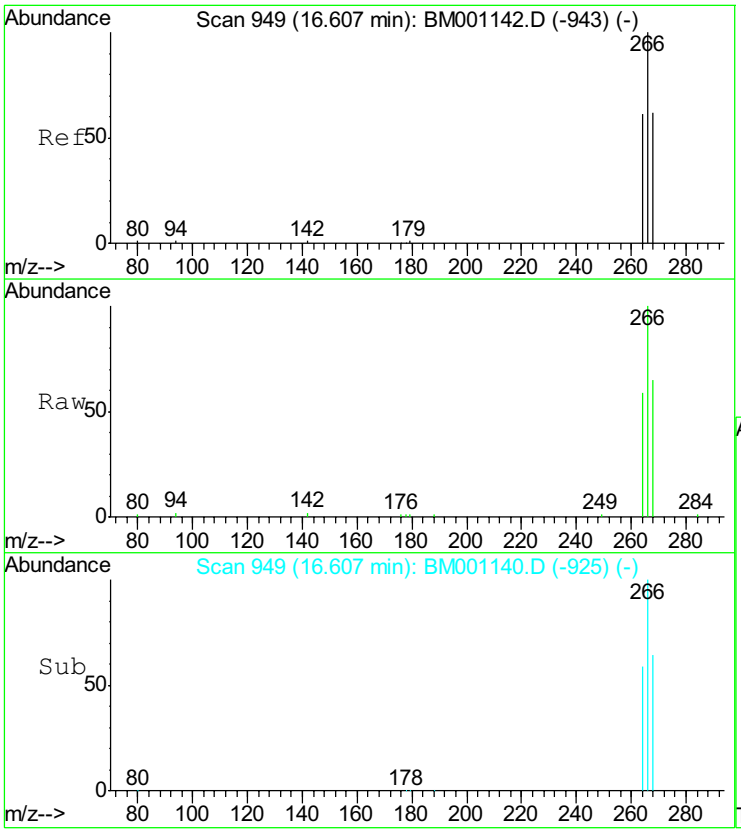
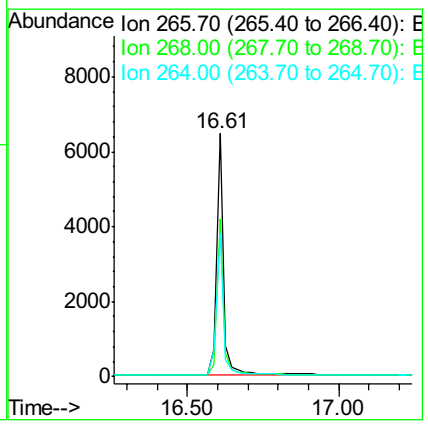
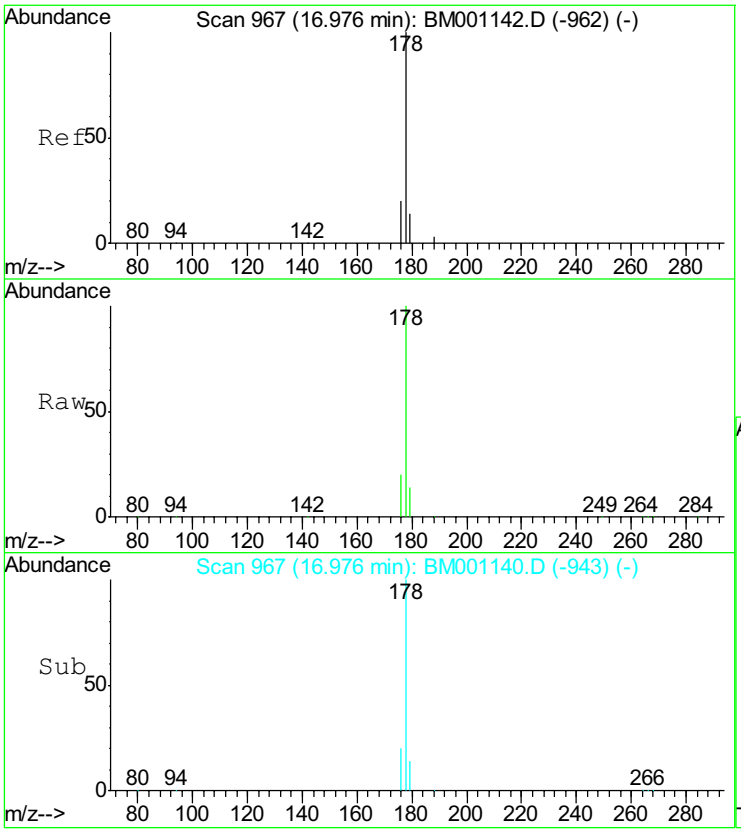


#20
Pentachlorophenol
Concen: 7.36 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:266 Resp: 10634

Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.6	79.0
264	58.8	51.0	76.4

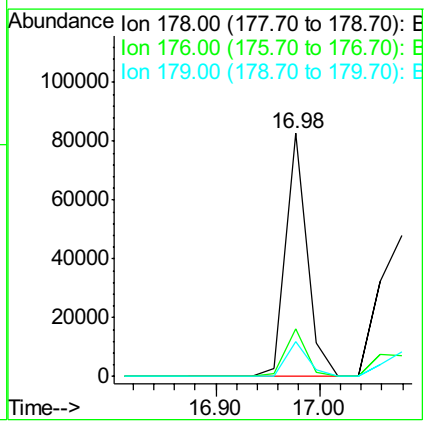




#21
Phenanthrene
Concen: 4.92 ng
RT: 16.98 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:178 Resp: 119397

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



Instrument :
BNA_M
ClientSampleId :
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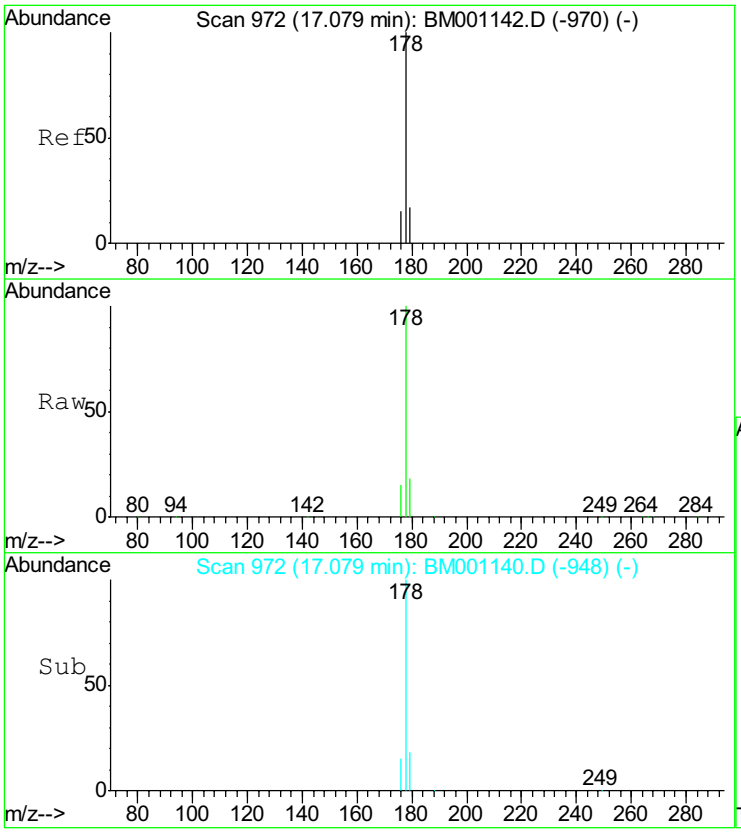
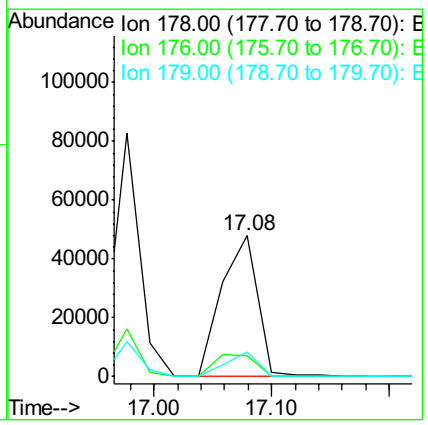
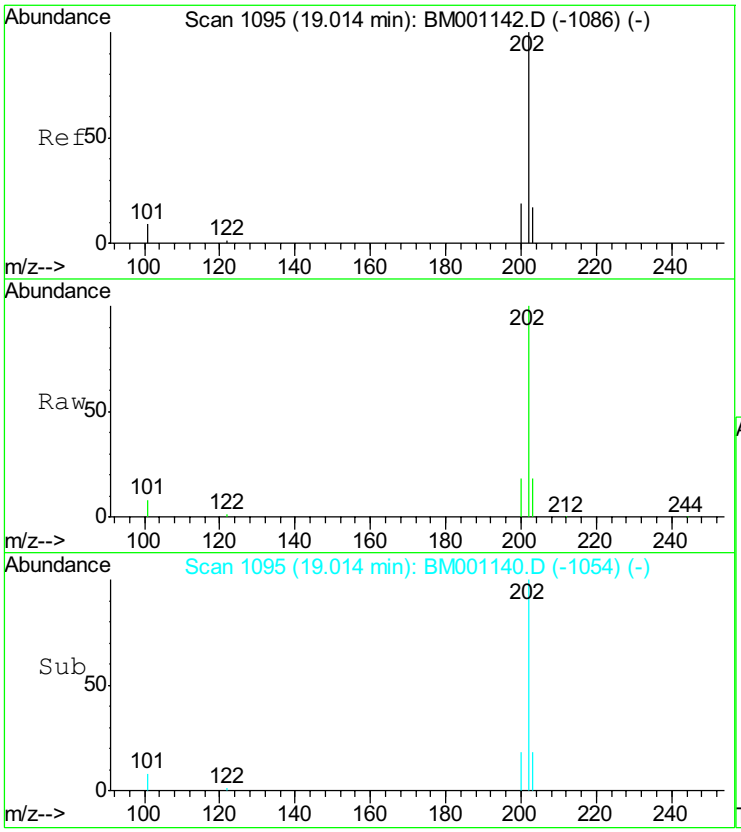


#22
Anthracene
Concen: 4.64 ng m
RT: 17.08 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:178 Resp: 102160

Ion	Ratio	Lower	Upper
178	100		
176	22.3	14.3	21.5#
179	17.4	12.2	18.2

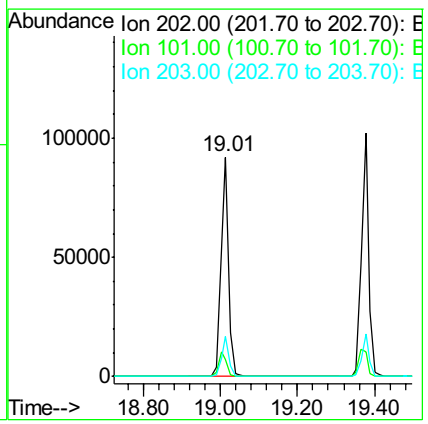




#23
Fluoranthene
Concen: 4.92 ng
RT: 19.01 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:202 Resp: 124787

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
203	17.3	13.7	20.5



Instrument :
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ClientSampleId :
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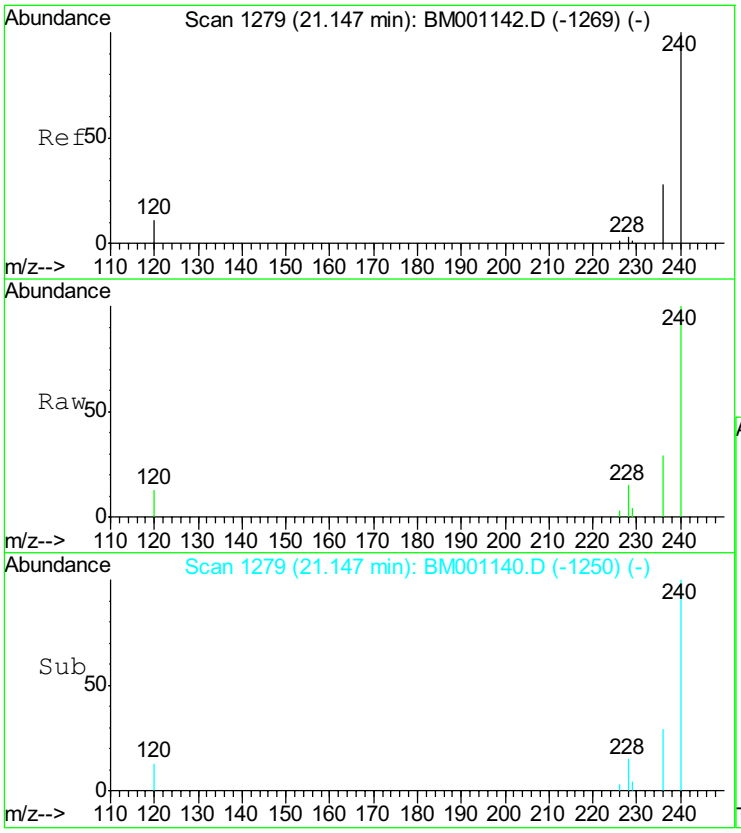
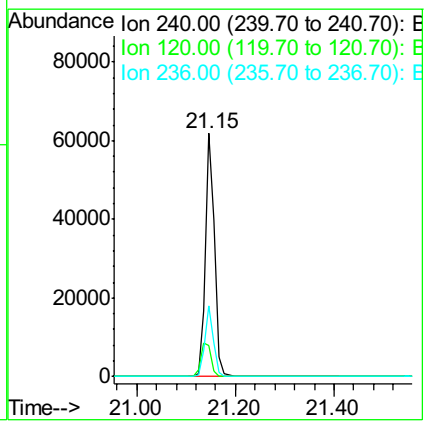
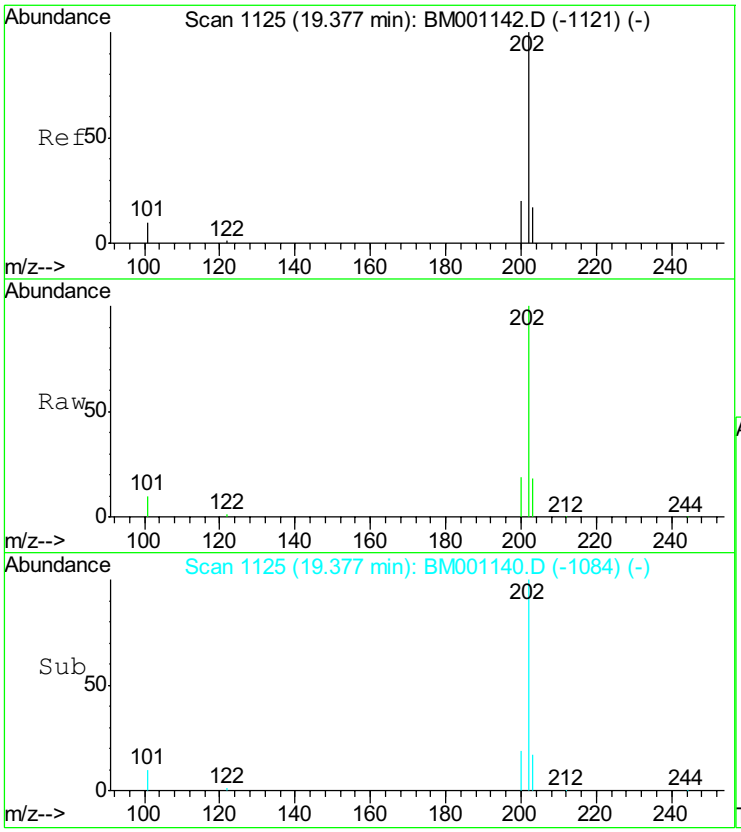


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:240 Resp: 78823

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	29.1	22.4	33.6

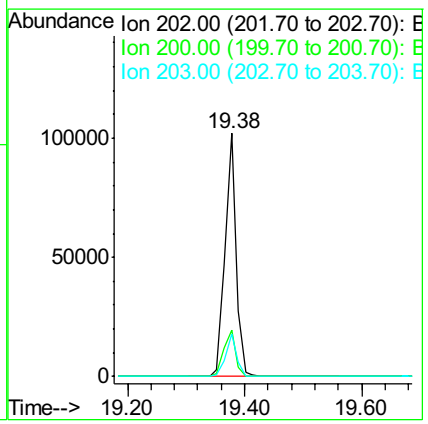




#25
Pyrene
Concen: 5.05 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:202 Resp: 132160

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.3	13.8	20.6



Instrument :
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ClientSampleId :
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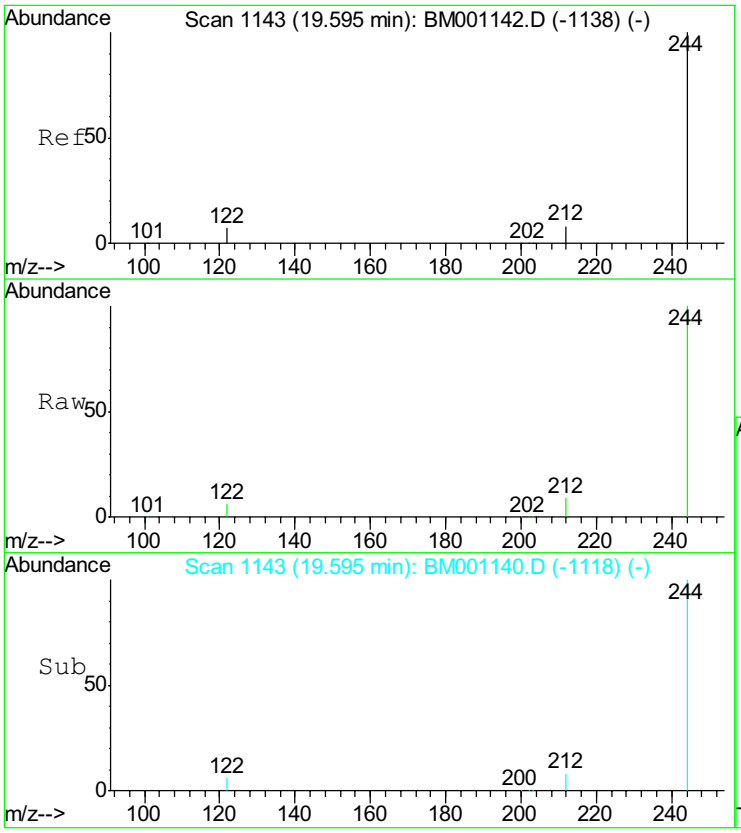
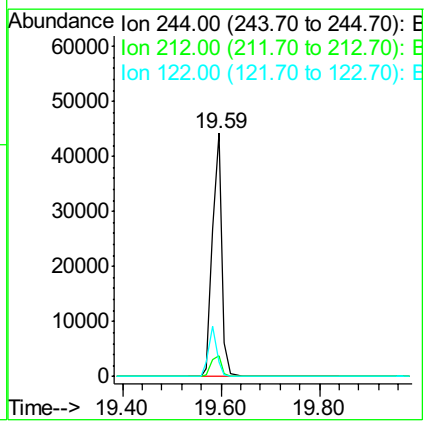
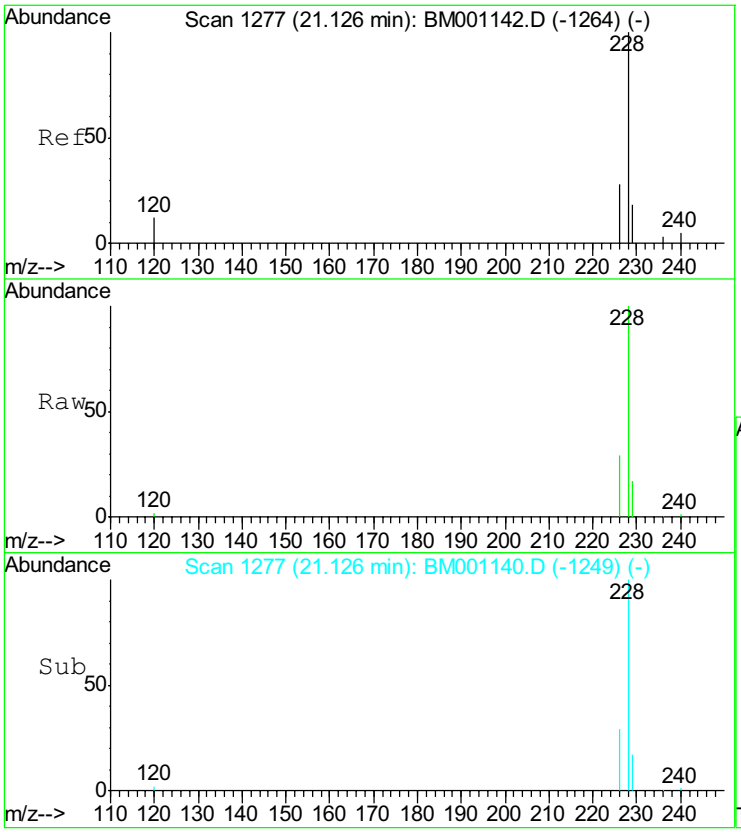


#26
Terphenyl-d14
Concen: 5.39 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:244 Resp: 57819

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.1	10.7
122	6.1	6.2	9.4#

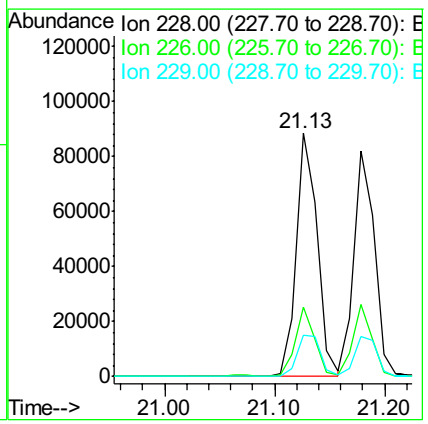




#27
Benzo(a)anthracene
Concen: 5.05 ng
RT: 21.13 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:228 Resp: 115996

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	17.1	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
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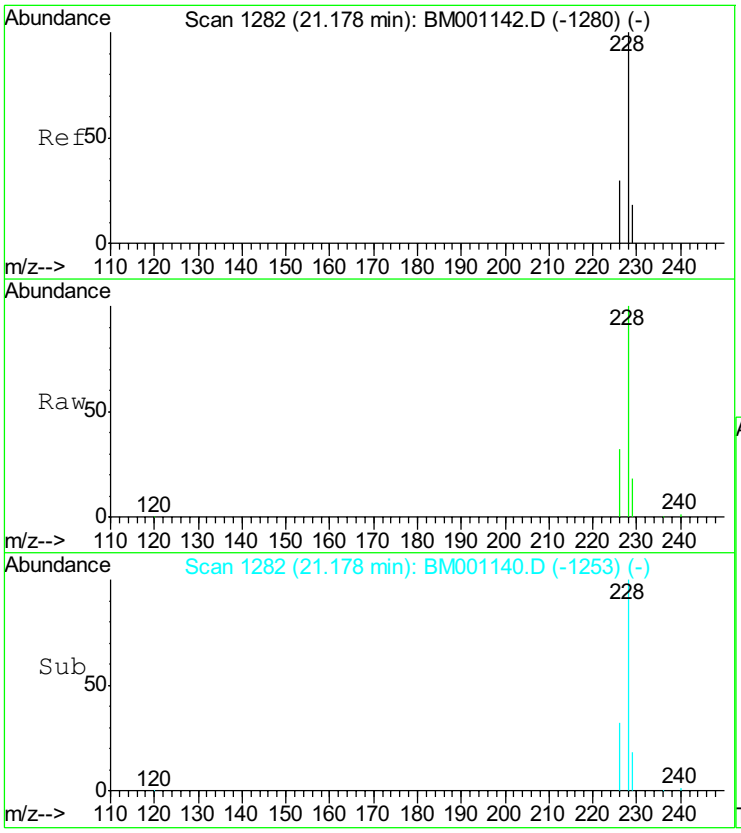
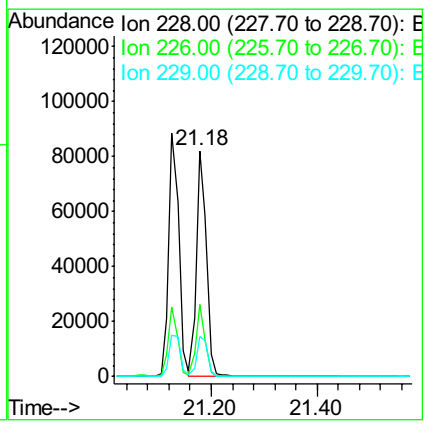
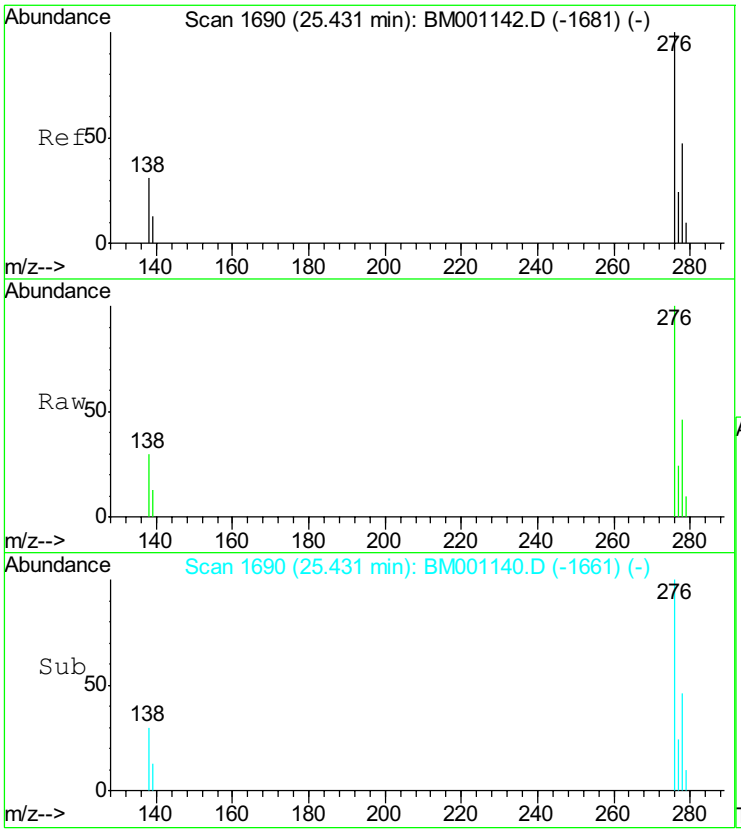


#28
Chrysene
Concen: 4.58 ng
RT: 21.18 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:228 Resp: 108518

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	17.6	14.3	21.5

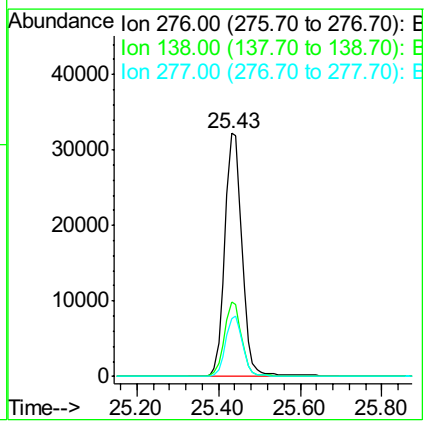




#29
Indeno(1,2,3-cd)pyrene
Concen: 4.01 ng
RT: 25.43 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:276 Resp: 94318

Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.2	36.4
277	24.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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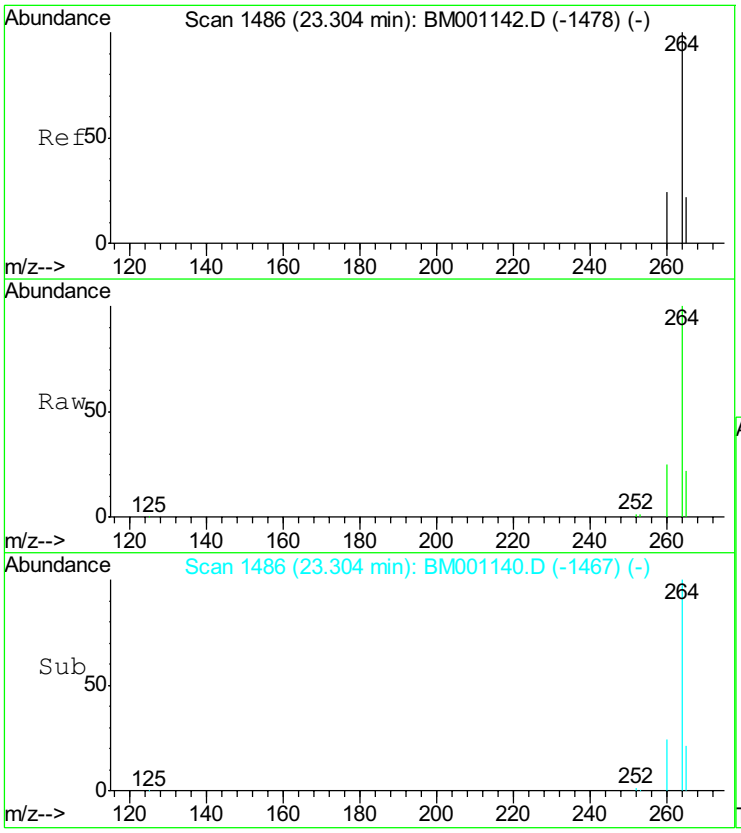
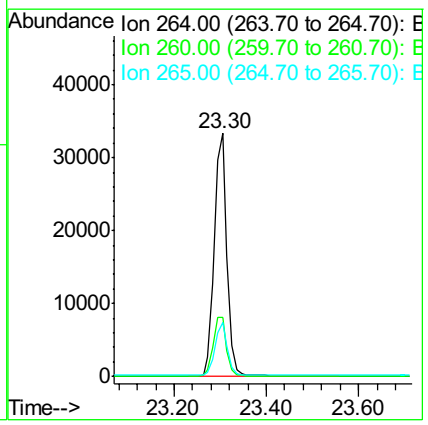
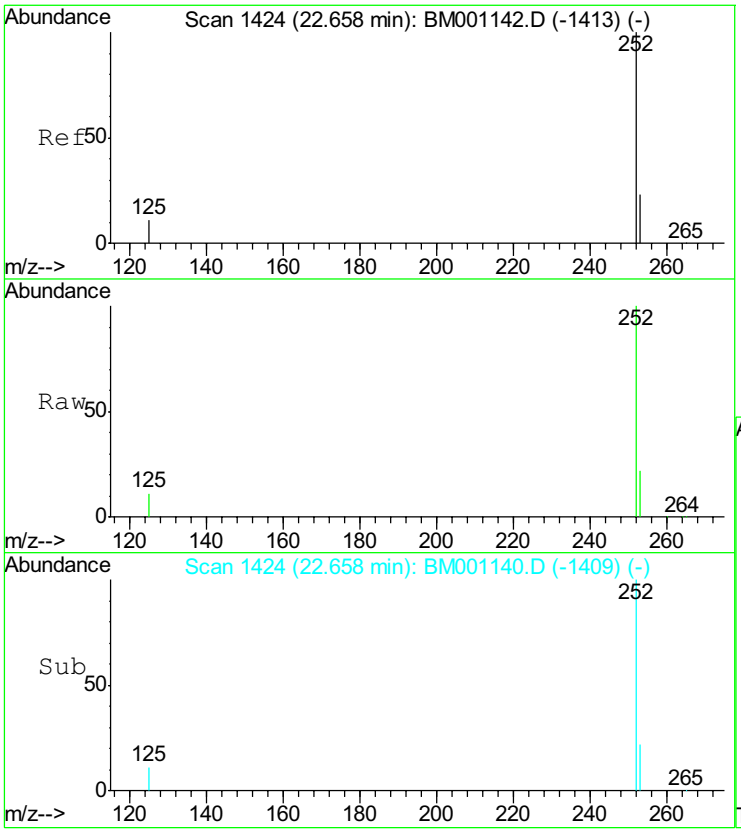


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.30 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:264 Resp: 63729

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.1	18.1	27.1

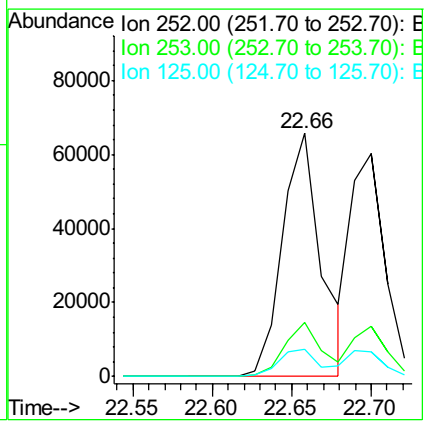




#31
Benzo(b)fluoranthene
Concen: 5.35 ng
RT: 22.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:252 Resp: 110793

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	11.2	9.1	13.7



Instrument :
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ClientSampleId :
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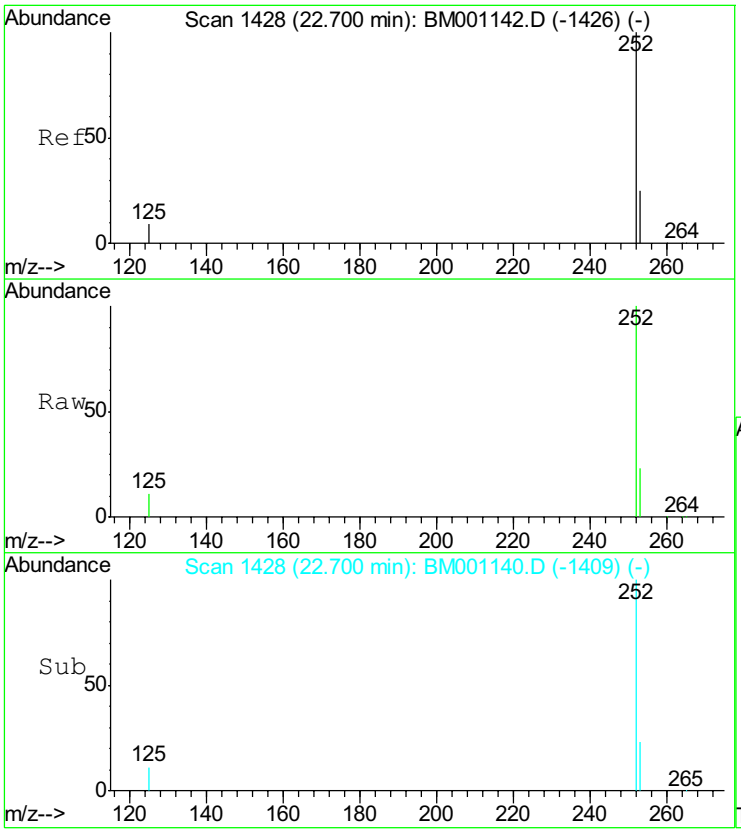
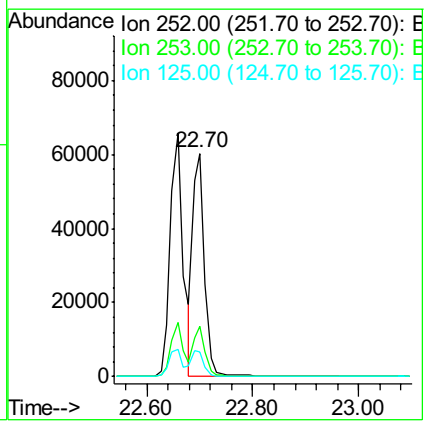
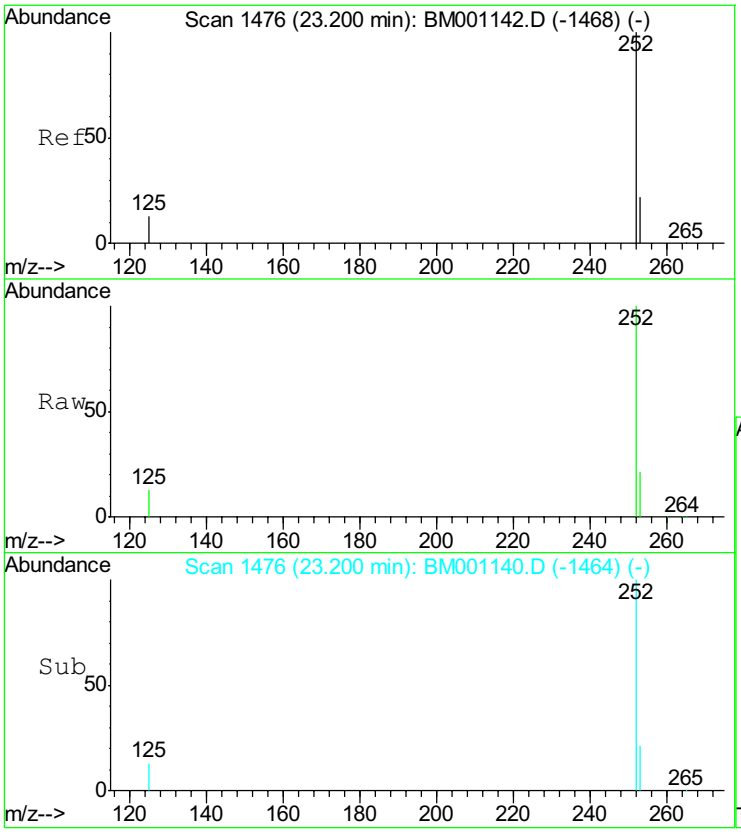


#32
Benzo(k)fluoranthene
Concen: 4.73 ng
RT: 22.70 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:252 Resp: 92021

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.1	28.7
125	11.0	9.3	13.9

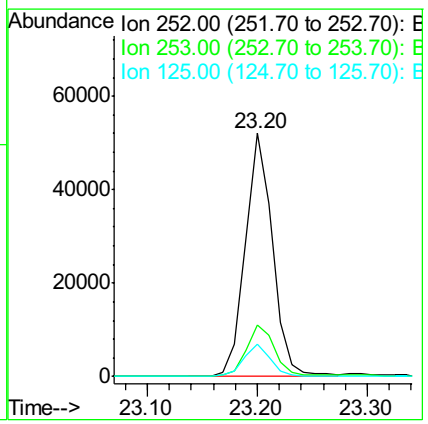




#33
Benzo(a)pyrene
Concen: 5.05 ng
RT: 23.20 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:252 Resp: 88741

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	13.3	10.6	16.0



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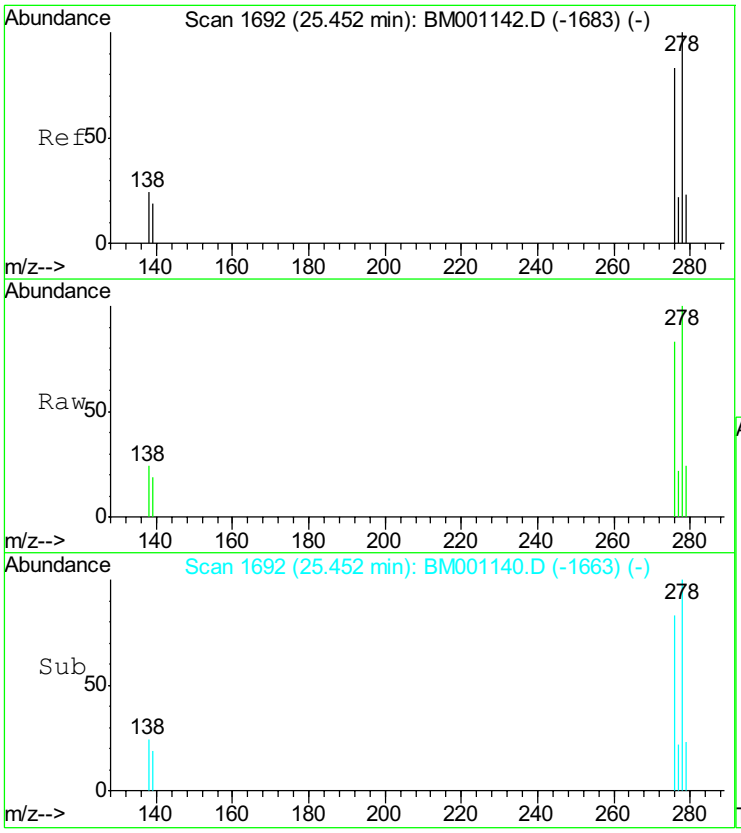
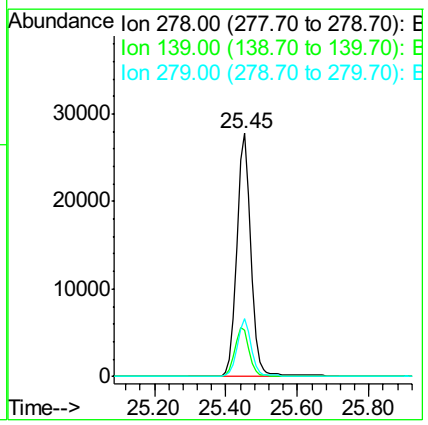
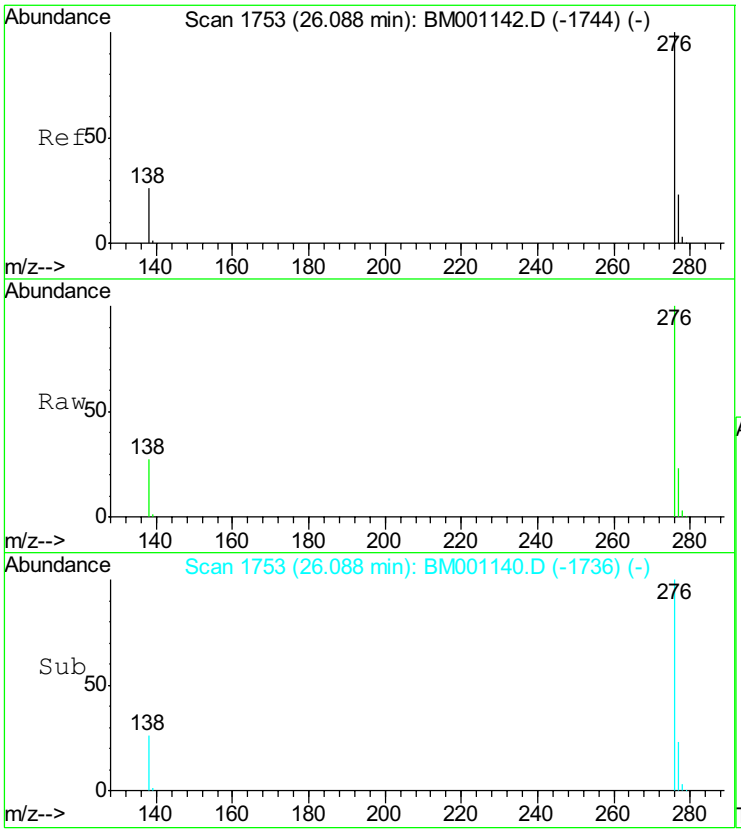


#34
Dibenzo(a,h)anthracene
Concen: 4.38 ng
RT: 25.45 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:278 Resp: 73499

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.5	23.3
279	23.6	19.7	29.5

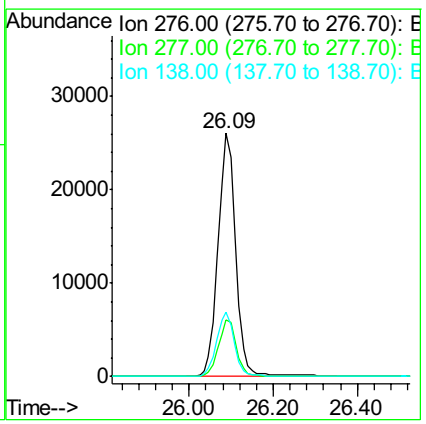




#35
Benzo(g,h,i)perylene
Concen: 4.16 ng
RT: 26.09 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM001140.D
Acq: 01 May 2015 20:45

Tgt Ion:276 Resp: 74936

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.6	21.3	31.9



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ClientSampleId :
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