Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001143.D
Acq On : 01 May 2015 22:32
Operator : TP/IZ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 02 02:12:32 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 :
SSTDICC0.8

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14469	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	55765	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	31612	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	76568	5.00	ng		0.00
24) Chrysene-d12	21.15	240	70882	5.00	ng		0.00
30) Perylene-d12	23.29	264	66329	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	2201	0.72	ng		0.00
5) Phenol-d6	6.72	99	2623	0.63	ng		0.02
7) Nitrobenzene-d5	8.69	82	2369	0.77	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	803m	0.52	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	8070	0.77	ng		0.00
26) Terphenyl-d14	19.59	244	7374	0.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	1507	0.95	ng		93
3) n-Nitrosodimethylamine	3.35	42	1268	0.76	ng	#	90
8) Nitrobenzene	8.73	77	2488	0.58	ng		97
9) Naphthalene	10.36	128	9571	0.73	ng		99
10) Hexachlorobutadiene	10.65	225	1846	0.77	ng		99
11) 2-Methylnaphthalene	11.99	142	6483	0.75	ng		100
15) Acenaphthylene	13.91	152	10390	0.73	ng	#	99
16) Acenaphthene	14.24	154	7317	0.75	ng		97
17) Fluorene	15.24	166	8552	0.76	ng		100
19) Hexachlorobenzene	16.26	284	3188	0.75	ng	#	96
20) Pentachlorophenol	16.61	266	700	0.58	ng		99
21) Phenanthrene	16.98	178	15365	0.76	ng		99
22) Anthracene	17.08	178	12439	0.68	ng		99
23) Fluoranthene	19.01	202	15601	0.74	ng		99
25) Pyrene	19.38	202	16297	0.69	ng		100
27) Benzo(a)anthracene	21.13	228	15025	0.73	ng		99
28) Chrysene	21.18	228	15230	0.72	ng		99
29) Indeno(1,2,3-cd)pyrene	25.43	276	16179	0.76	ng		100
31) Benzo(b)fluoranthene	22.65	252	14571	0.68	ng		94
32) Benzo(k)fluoranthene	22.69	252	15057	0.74	ng		96
33) Benzo(a)pyrene	23.20	252	13053	0.71	ng		99
34) Dibenzo(a,h)anthracene	25.45	278	12564	0.72	ng		99
35) Benzo(g,h,i)perylene	26.09	276	13435	0.72	ng		99

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

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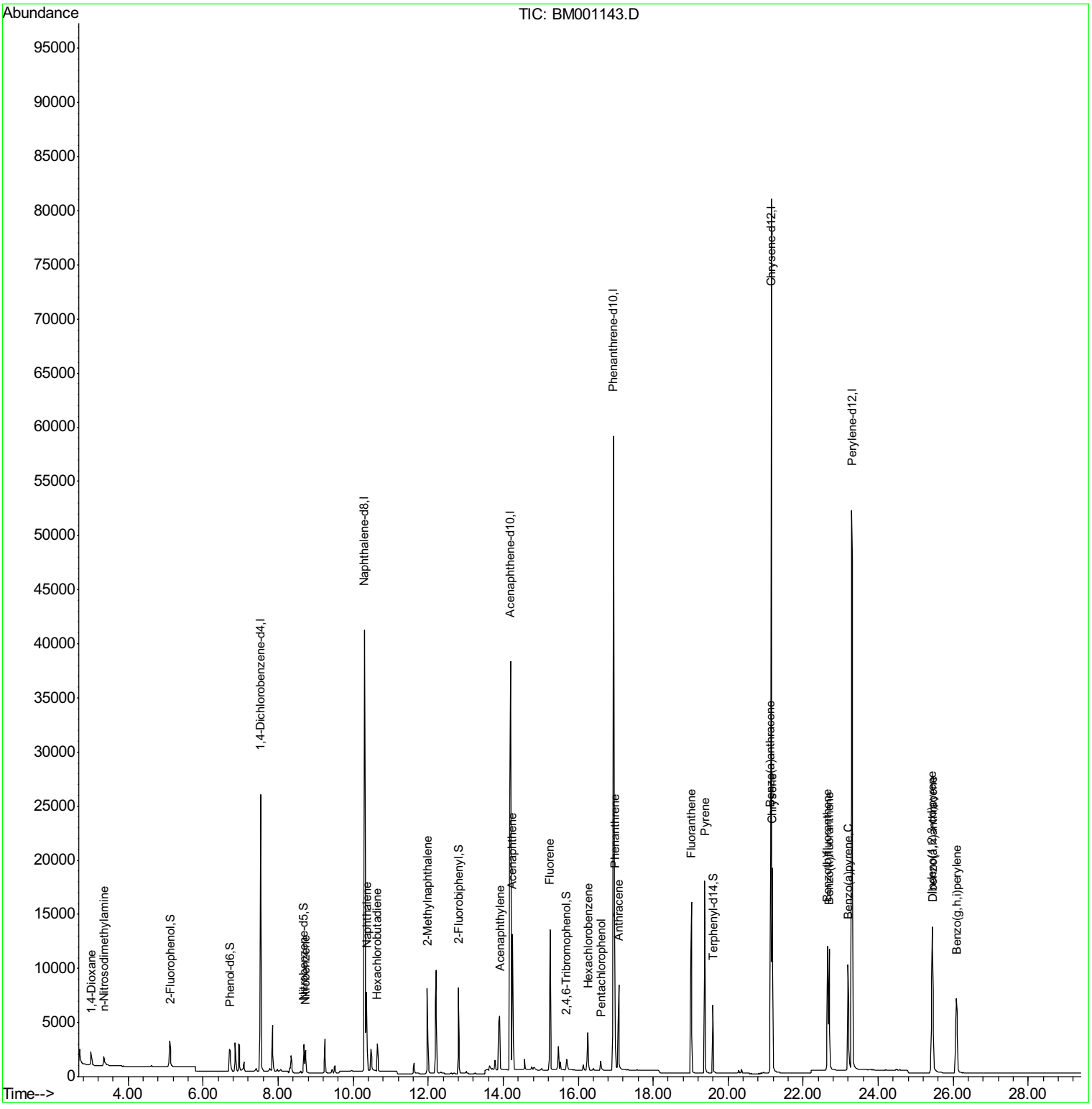
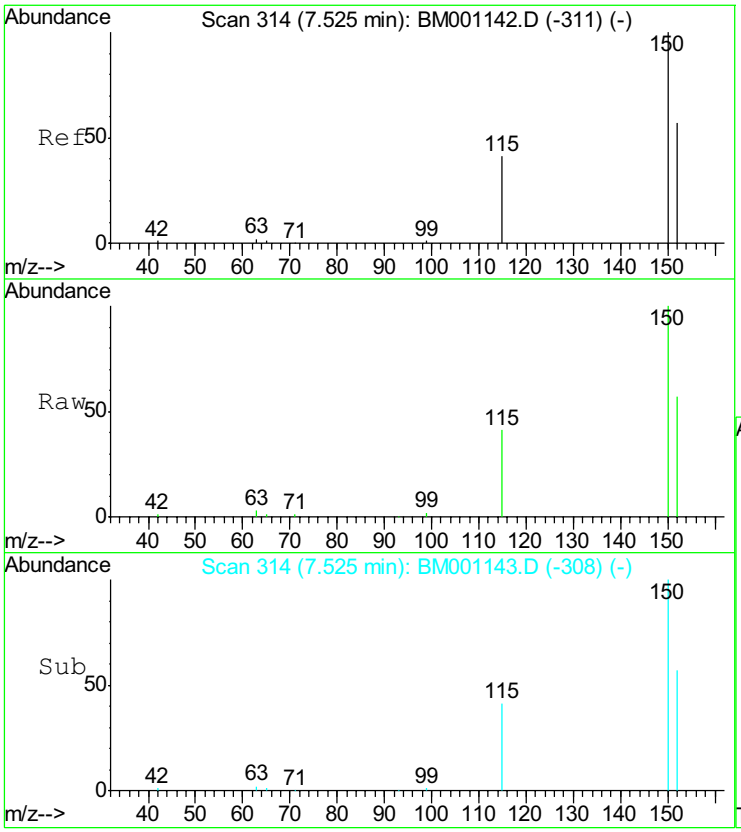
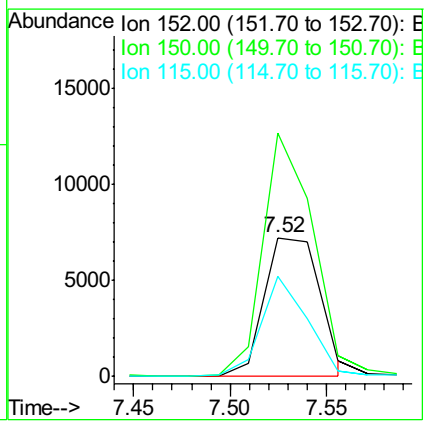




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:152 Resp: 14469

Ion	Ratio	Lower	Upper
152	100		
150	175.1	140.1	210.1
115	72.0	57.8	86.6



Instrument :
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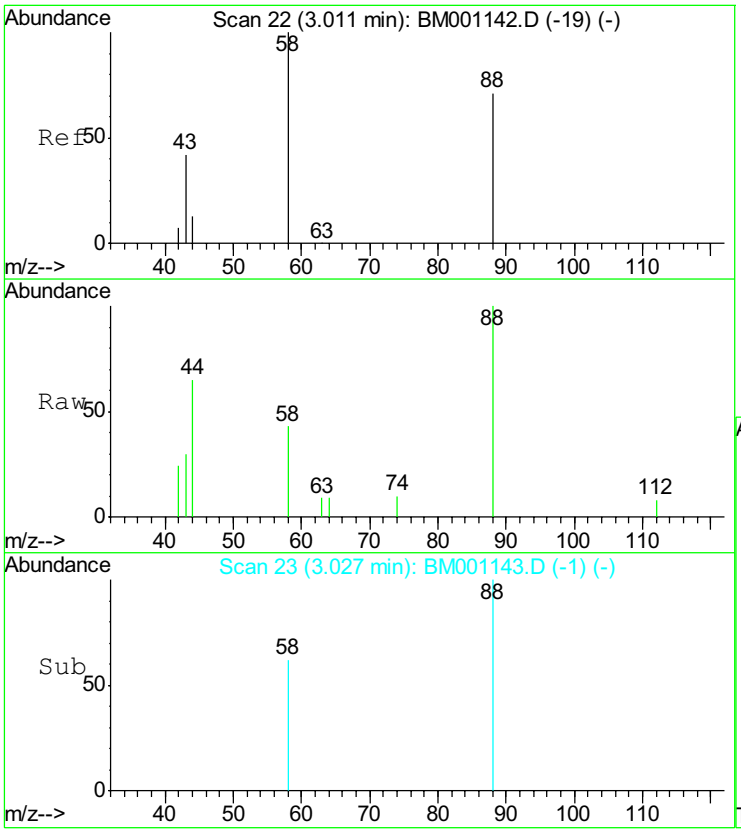
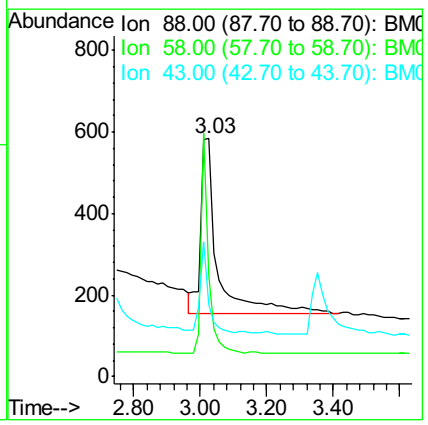
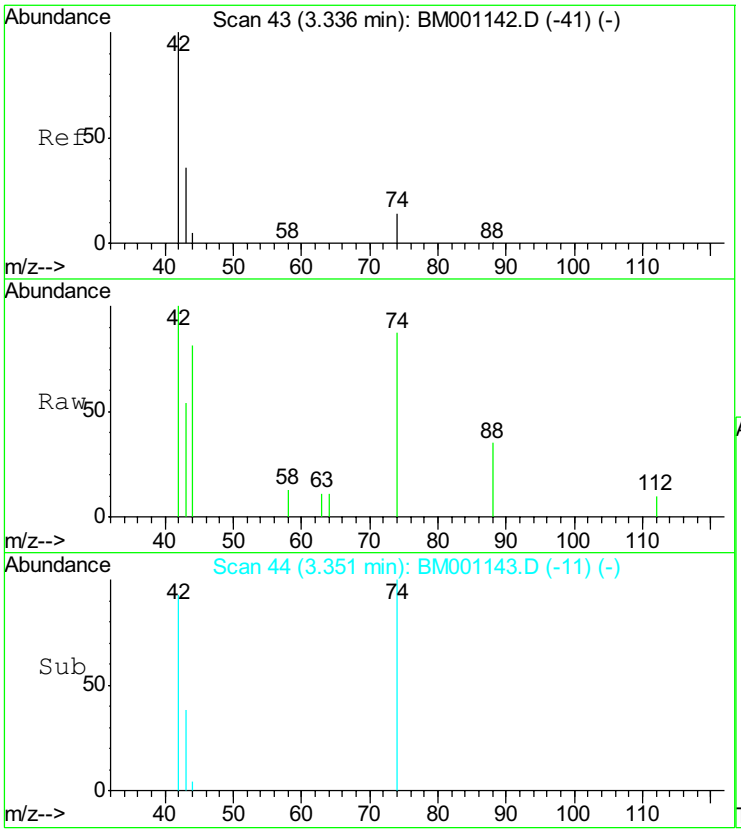


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.03 min Scan# 23
Delta R.T. 0.02 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion: 88 Resp: 1507

Ion	Ratio	Lower	Upper
88	100		
58	55.8	48.2	72.2
43	26.6	24.8	37.2

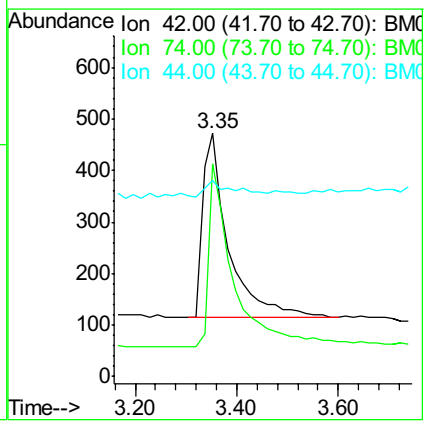




#3
n-Nitrosodimethylamine
Concen: 0.76 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.02 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion: 42 Resp: 1268

Ion	Ratio	Lower	Upper
42	100		
74	98.8	72.0	108.0
44	9.6	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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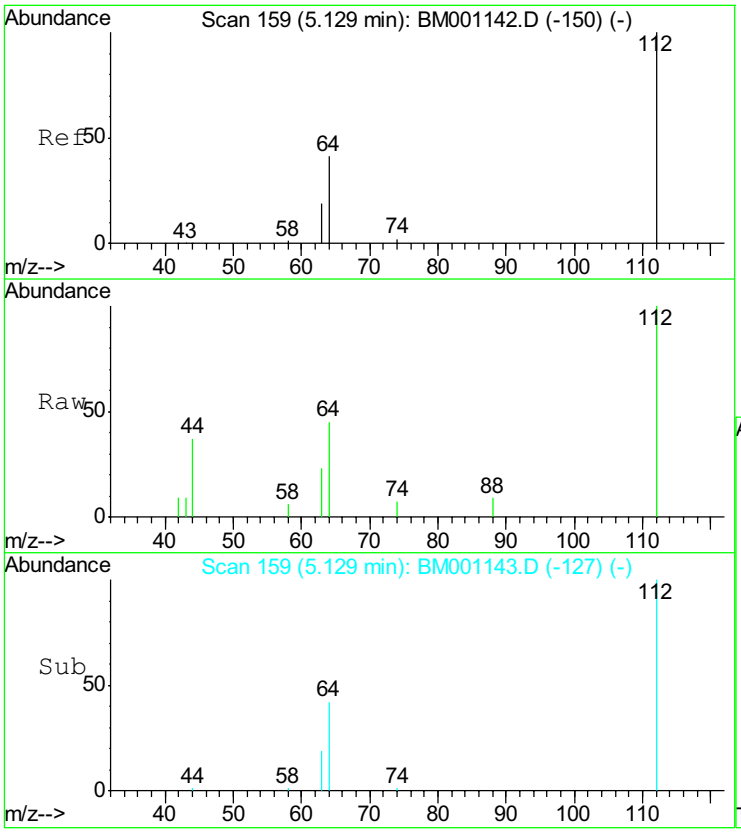
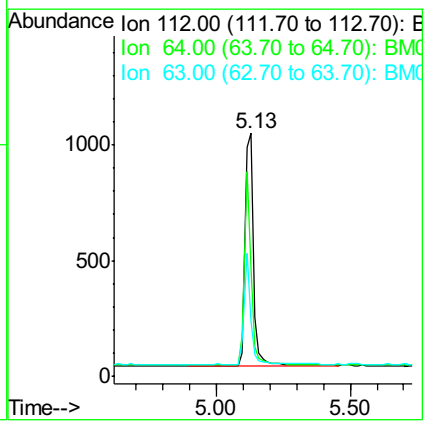
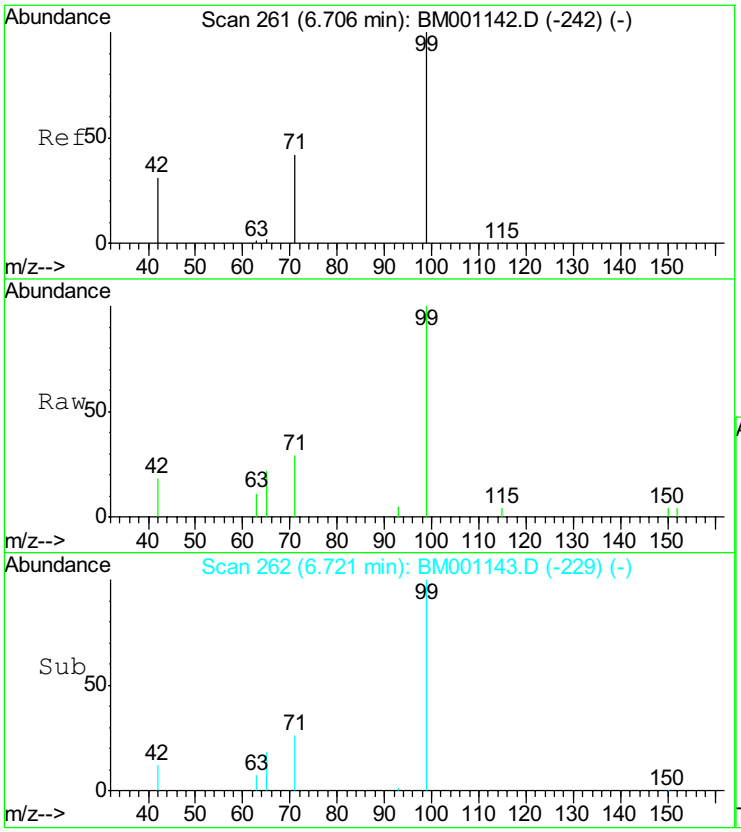


#4
2-Fluorophenol
Concen: 0.72 ng/uL
RT: 5.13 min Scan# 159
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:112 Resp: 2201

Ion	Ratio	Lower	Upper
112	100		
64	66.2	52.6	79.0
63	35.9	29.5	44.3

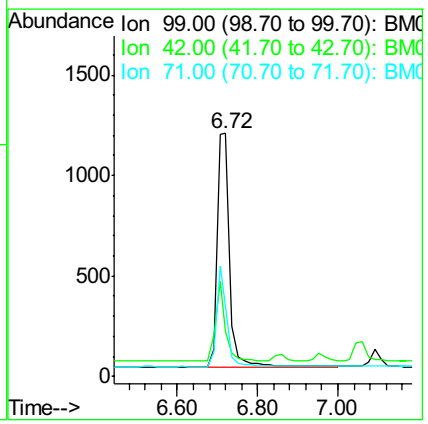




#5
Phenol-d6
Concen: 0.63 ng/uL
RT: 6.72 min Scan# 262
Delta R.T. 0.02 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion: 99 Resp: 2623

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.9	31.3
71	34.2	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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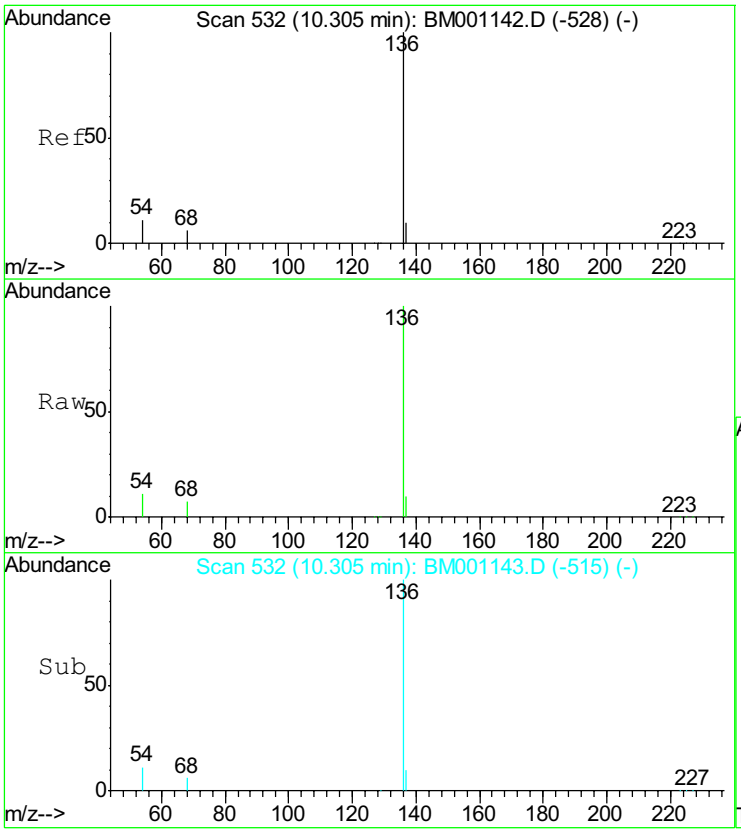
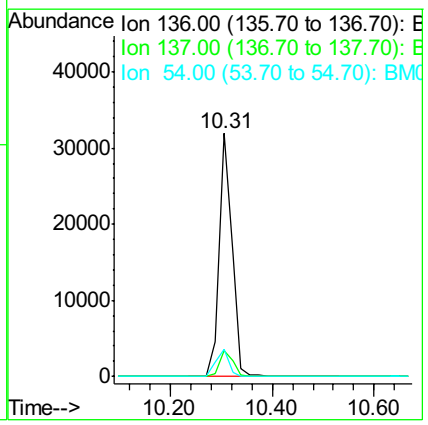
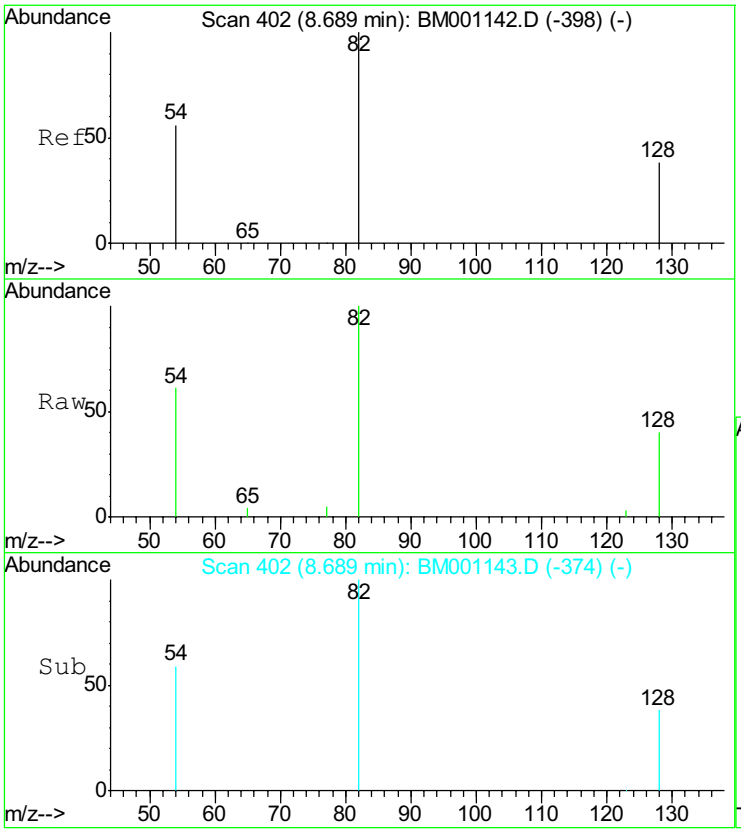


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:136 Resp: 55765

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.3	9.0	13.4

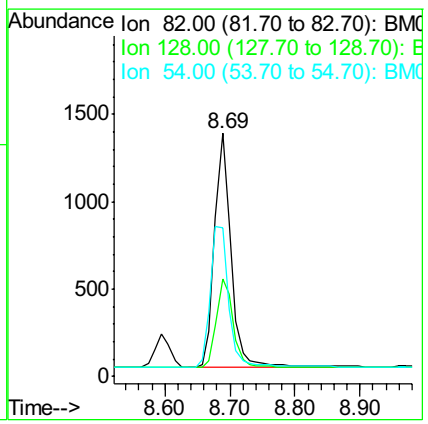




#7
Nitrobenzene-d5
Concen: 0.77 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion: 82 Resp: 2369

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.9	47.9
54	60.9	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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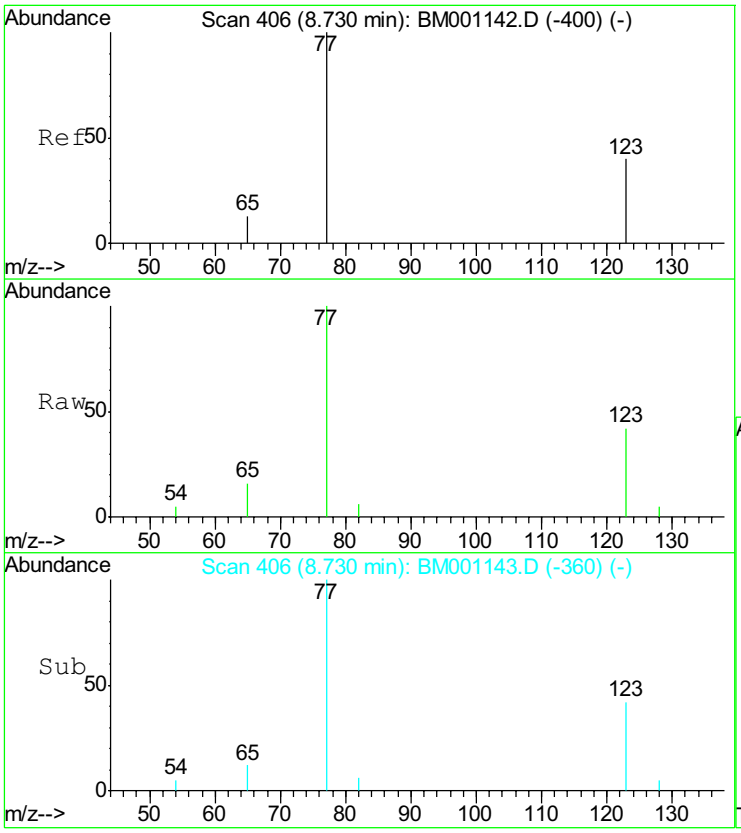
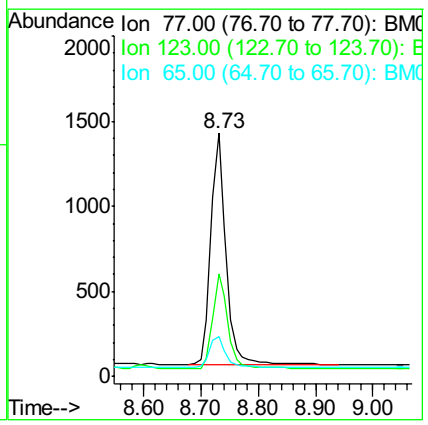
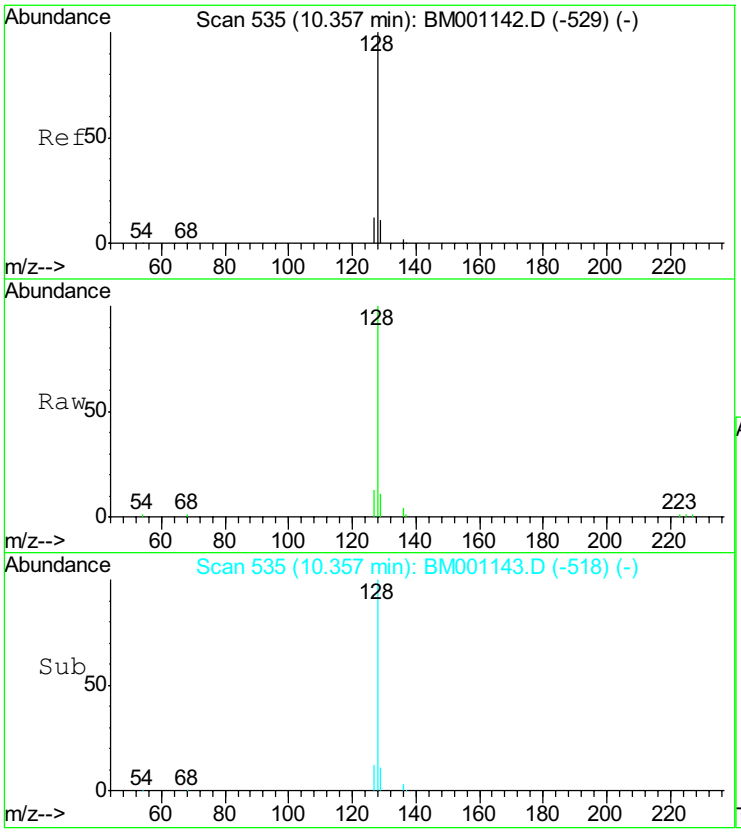


#8
Nitrobenzene
Concen: 0.58 ng/uL
RT: 8.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion: 77 Resp: 2488

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.0	46.6
65	13.8	10.6	15.8

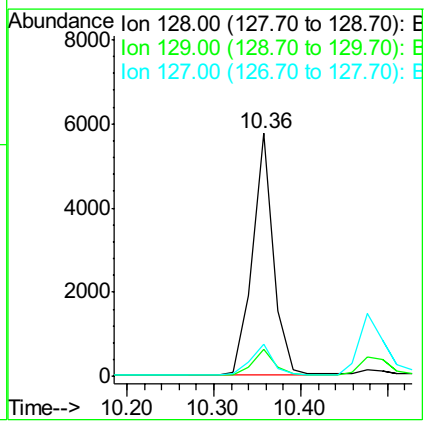




#9
Naphthalene
Concen: 0.73 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:128 Resp: 9571

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.1	10.0	15.0



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ClientSampleId :
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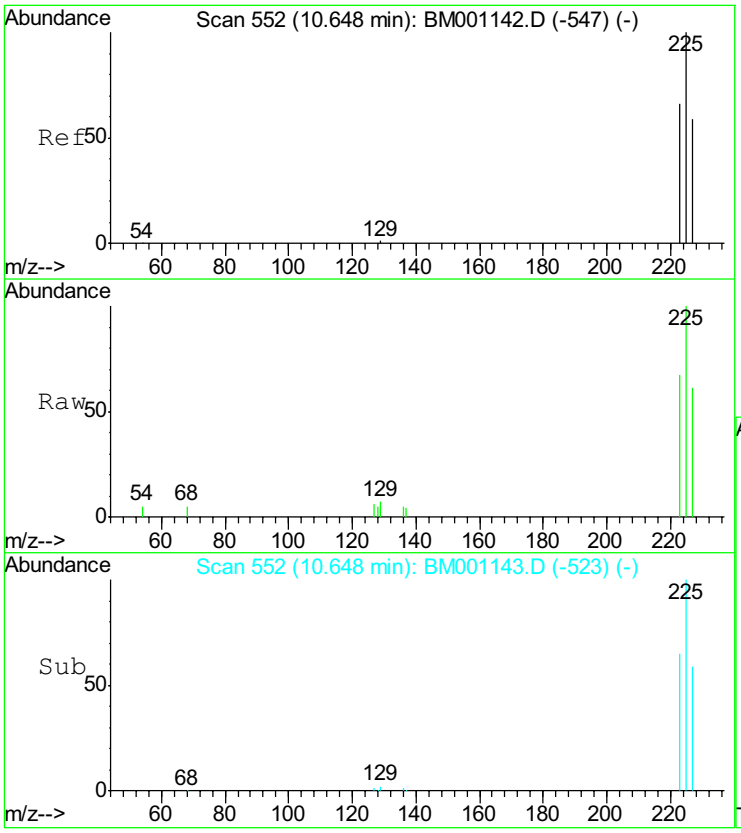
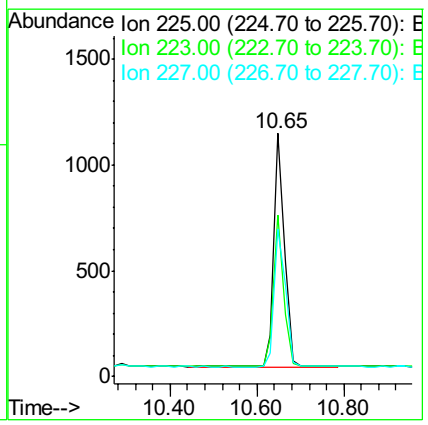
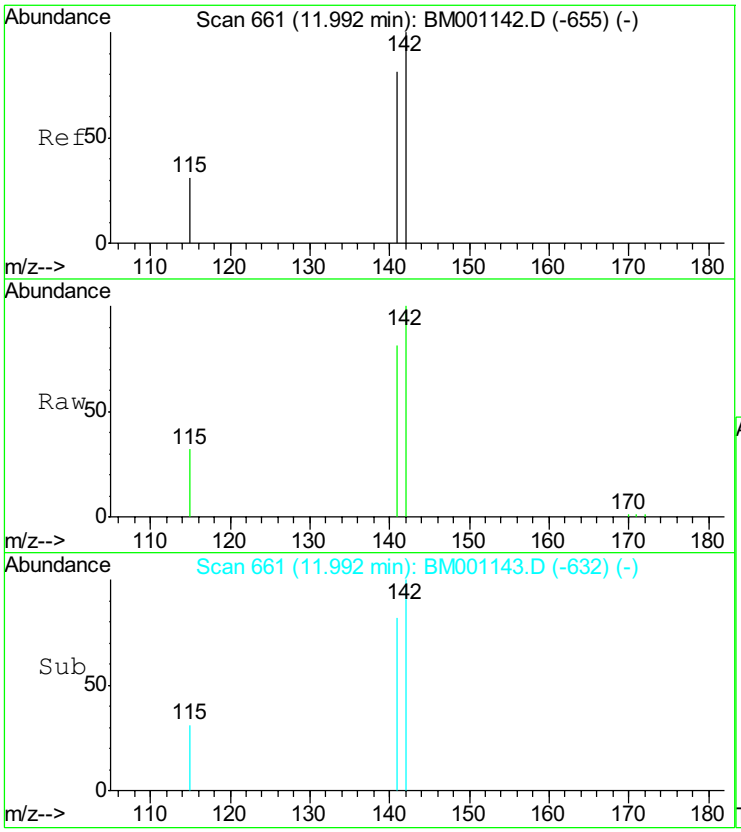


#10
Hexachlorobutadiene
Concen: 0.77 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:225 Resp: 1846

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	63.0	51.0	76.4

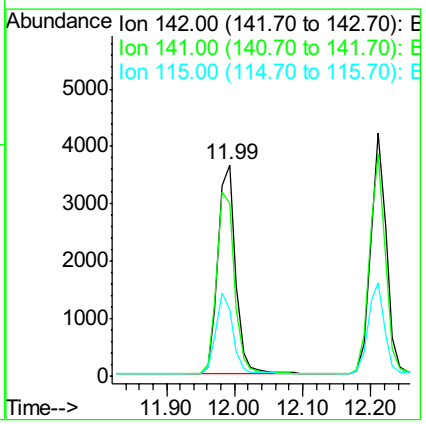




#11
2-Methylnaphthalene
Concen: 0.75 ng
RT: 11.99 min Scan# 661
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:142 Resp: 6483

Ion	Ratio	Lower	Upper
142	100		
141	81.5	65.1	97.7
115	31.7	25.1	37.7



Instrument :
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ClientSampleId :
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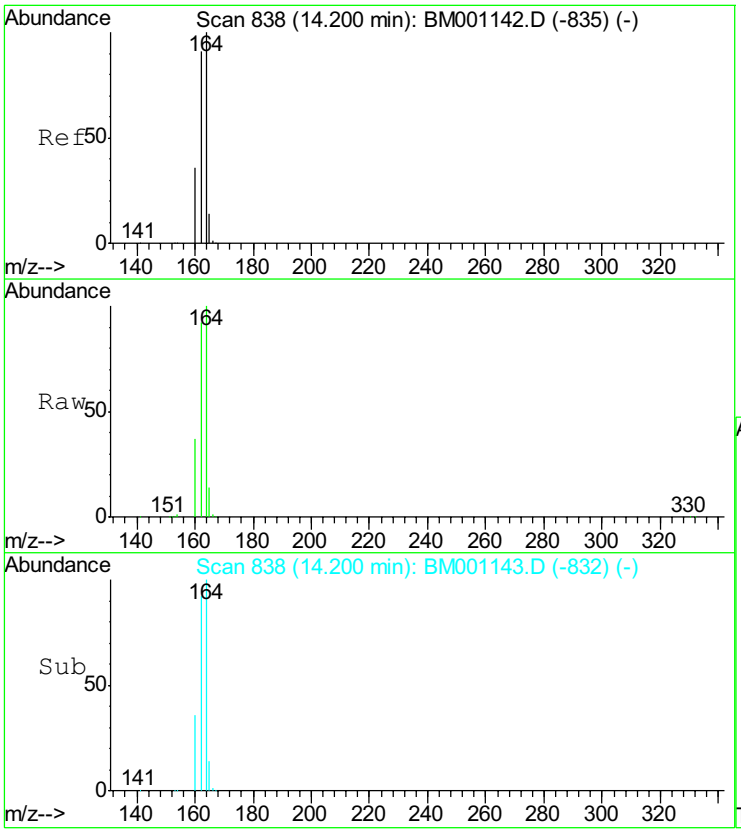
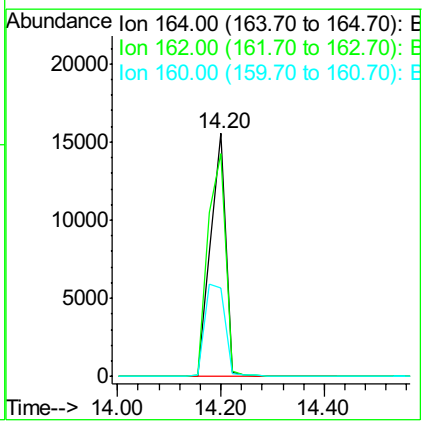
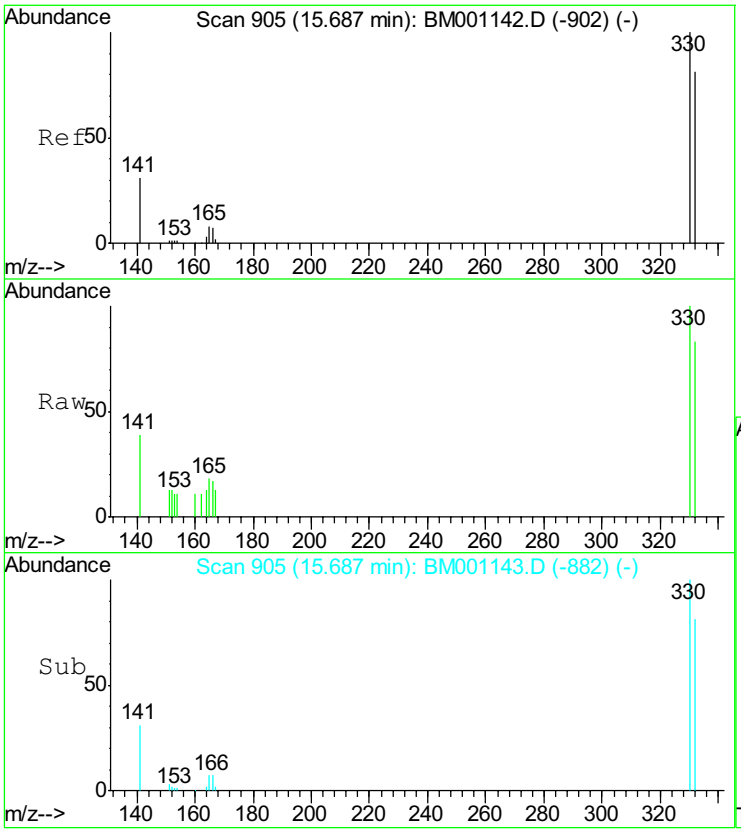


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:164 Resp: 31612

Ion	Ratio	Lower	Upper
164	100		
162	91.7	72.7	109.1
160	36.5	28.7	43.1





#13
2,4,6-Tribromophenol
Concen: 0.52 ng/uL m
RT: 15.69 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:330 Resp: 803

Ion	Ratio	Lower	Upper
330	100		
332	180.6	74.5	111.7#
141	43.1	21.0	31.4#

Instrument :
BNA_M
ClientSampleId :
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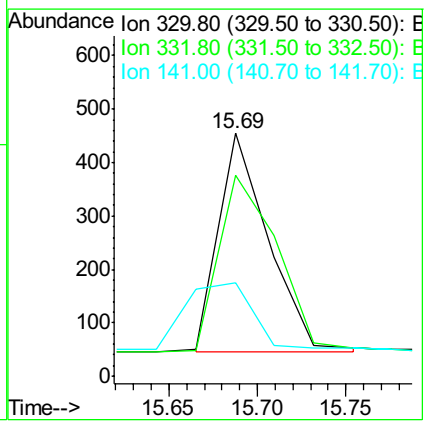
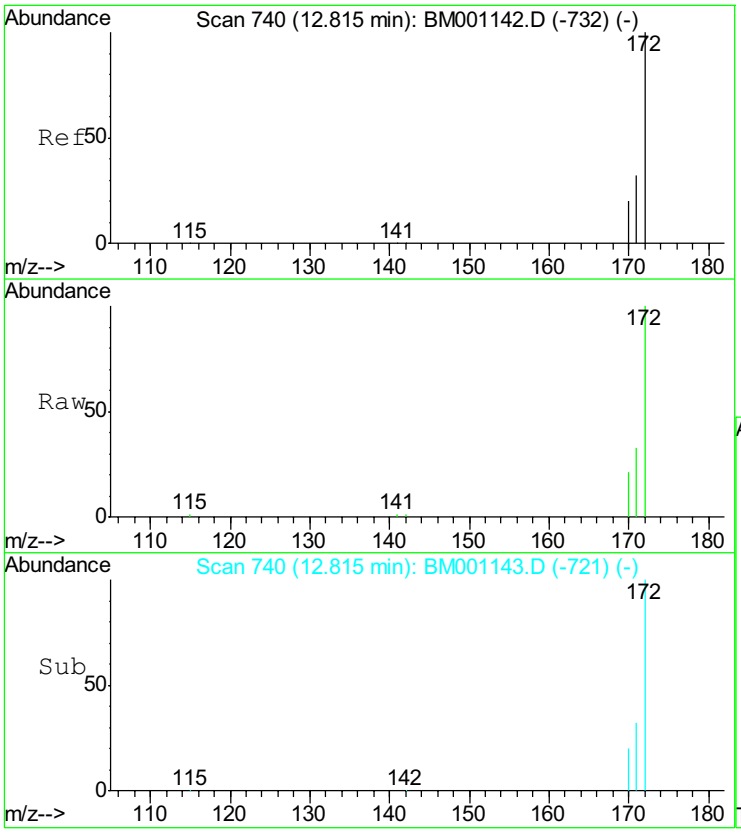
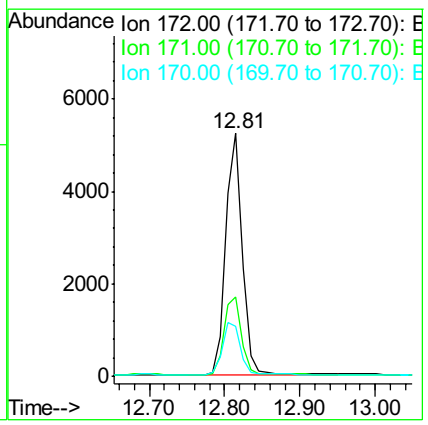


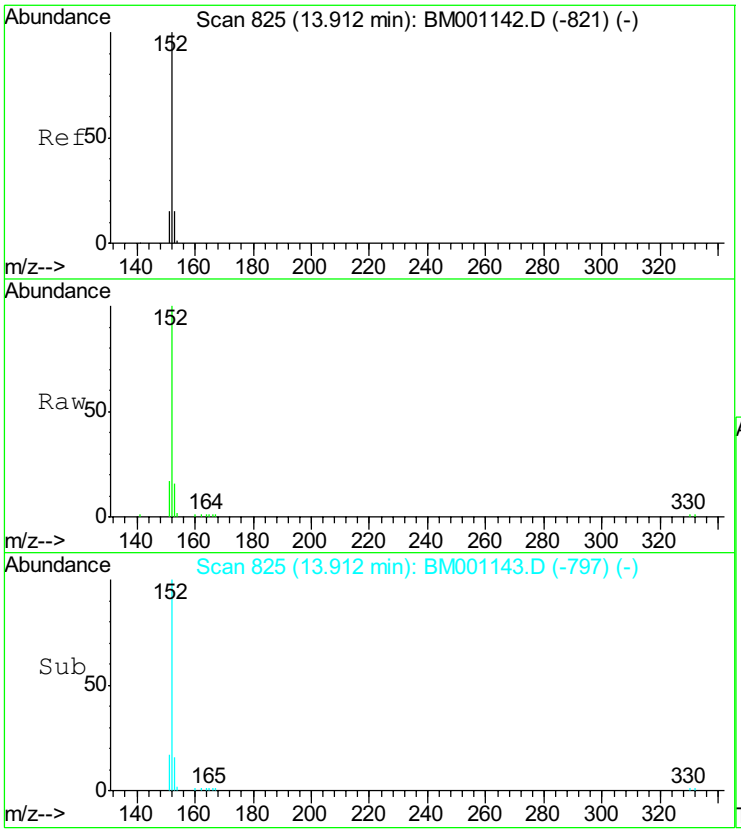


#14
2-Fluorobiphenyl
Concen: 0.77 ng
RT: 12.81 min Scan# 740
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:172 Resp: 8070

Ion	Ratio	Lower	Upper
172	100		
171	32.9	25.8	38.6
170	20.6	16.1	24.1

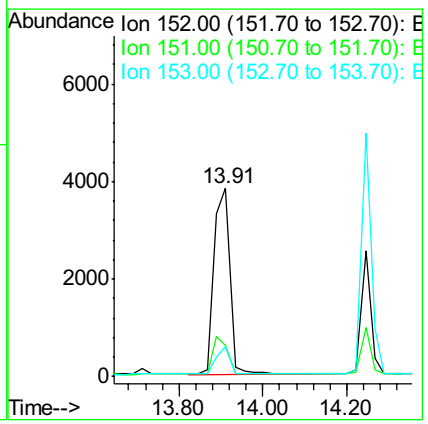




#15
Acenaphthylene
Concen: 0.73 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:152 Resp: 10390

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.5	10.3	15.5



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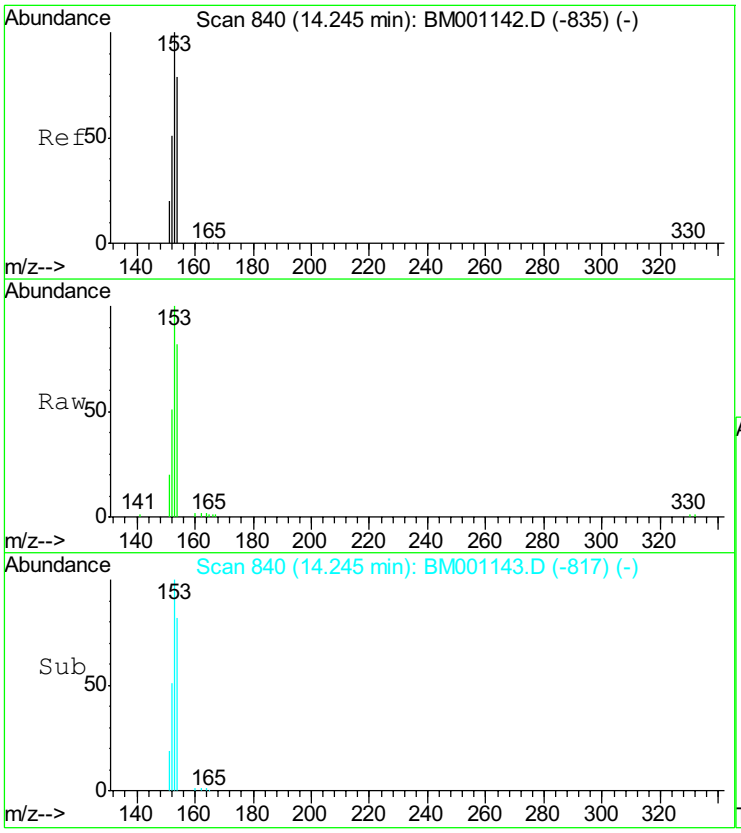
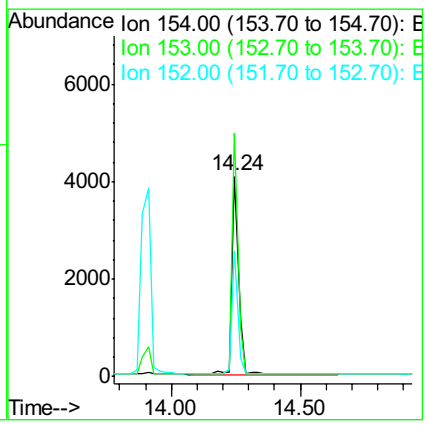
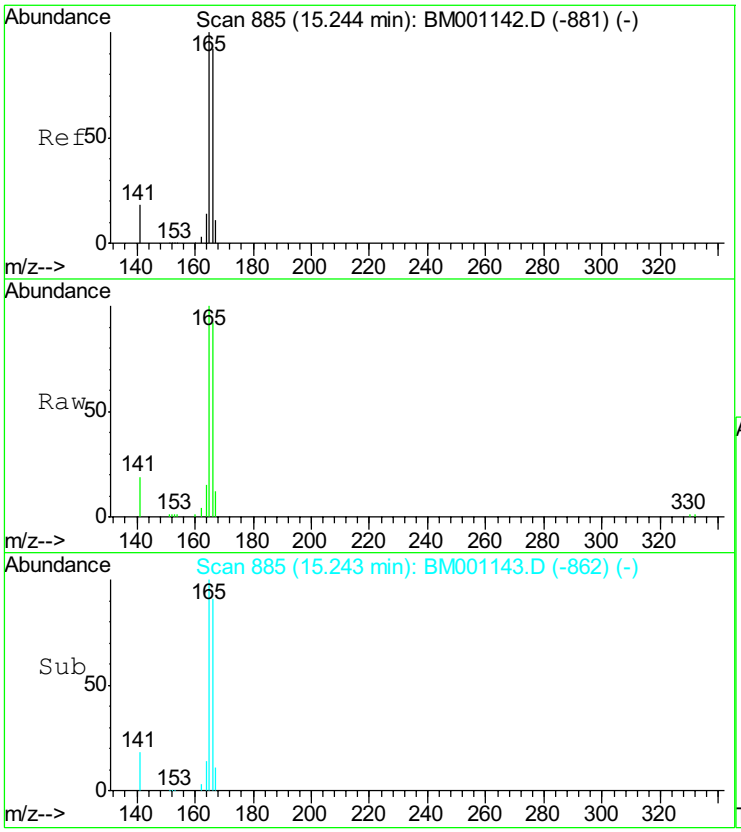


#16
Acenaphthene
Concen: 0.75 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:154 Resp: 7317

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.6	136.0
152	54.2	45.0	67.4

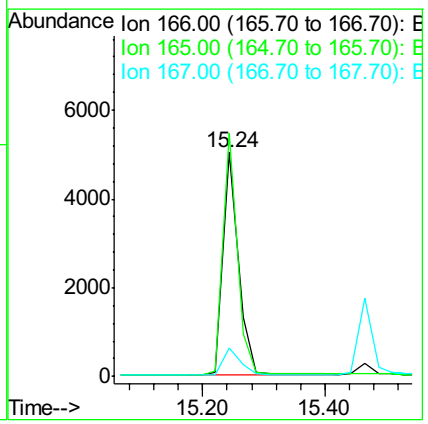




#17
Fluorene
Concen: 0.76 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:166 Resp: 8552

Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.0	121.6
167	13.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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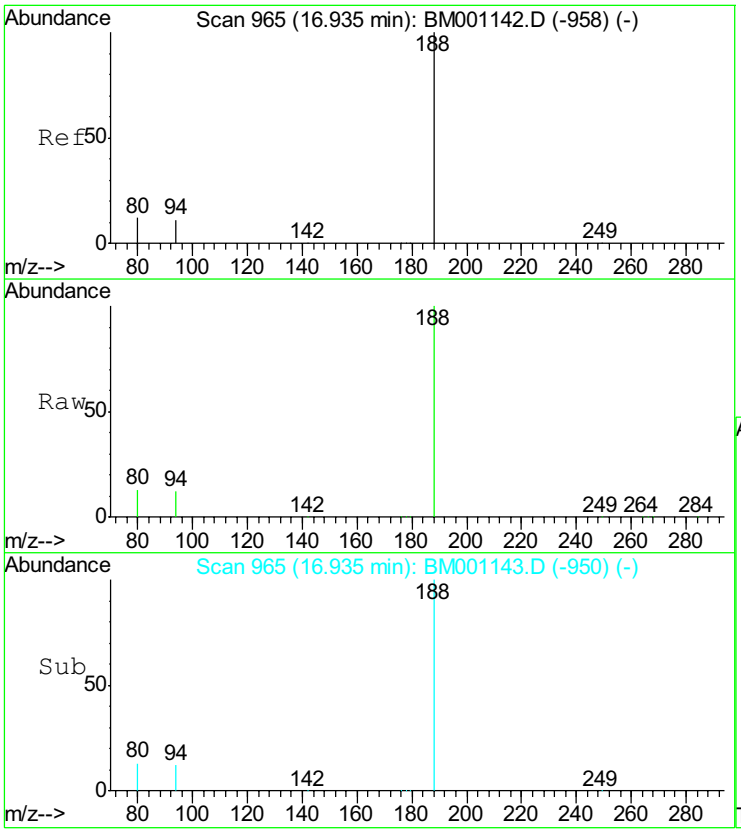
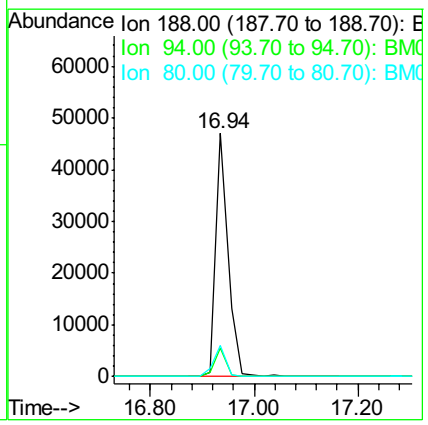
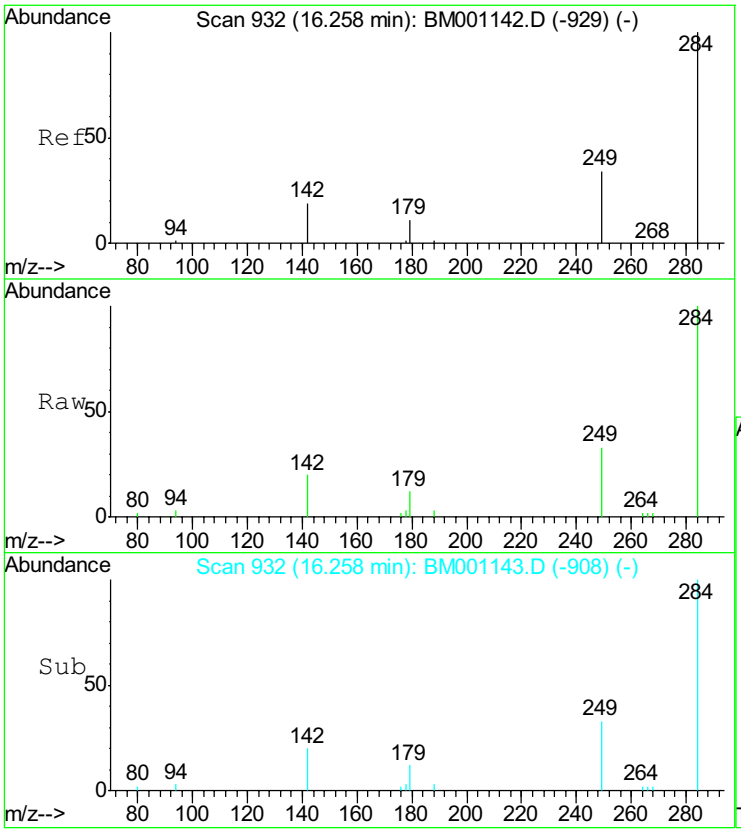


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:188 Resp: 76568

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.3	13.9
80	12.6	9.8	14.6

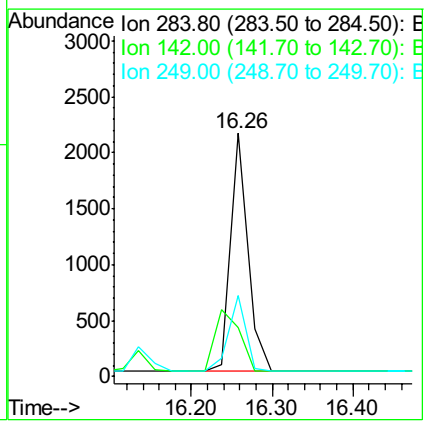




#19
Hexachlorobenzene
Concen: 0.75 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:284 Resp: 3188

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	35.6	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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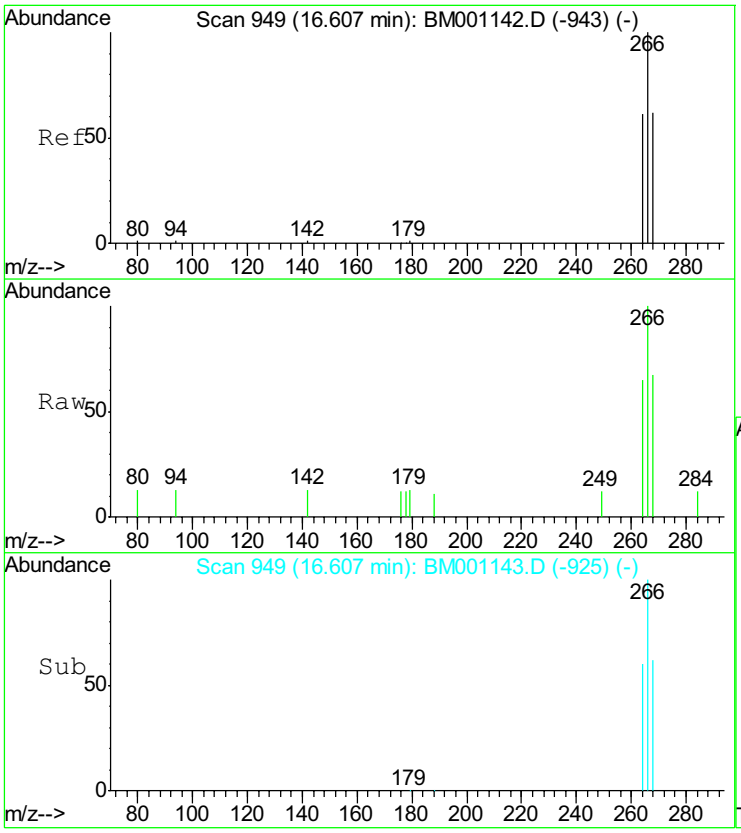
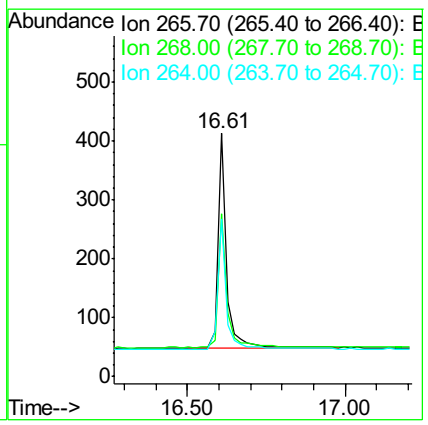
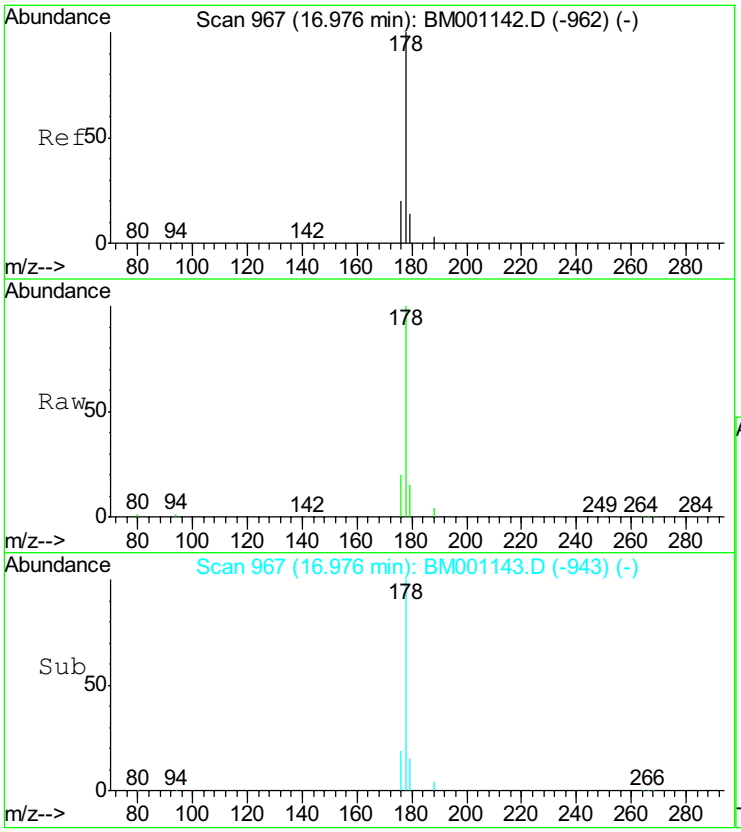


#20
Pentachlorophenol
Concen: 0.58 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:266 Resp: 700

Ion	Ratio	Lower	Upper
266	100		
268	66.8	52.6	79.0
264	64.9	51.0	76.4

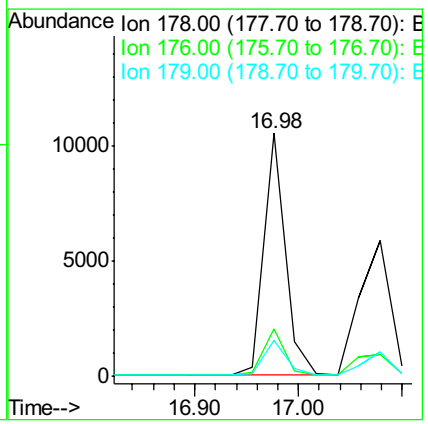




#21
Phenanthrene
Concen: 0.76 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:178 Resp: 15365

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.7	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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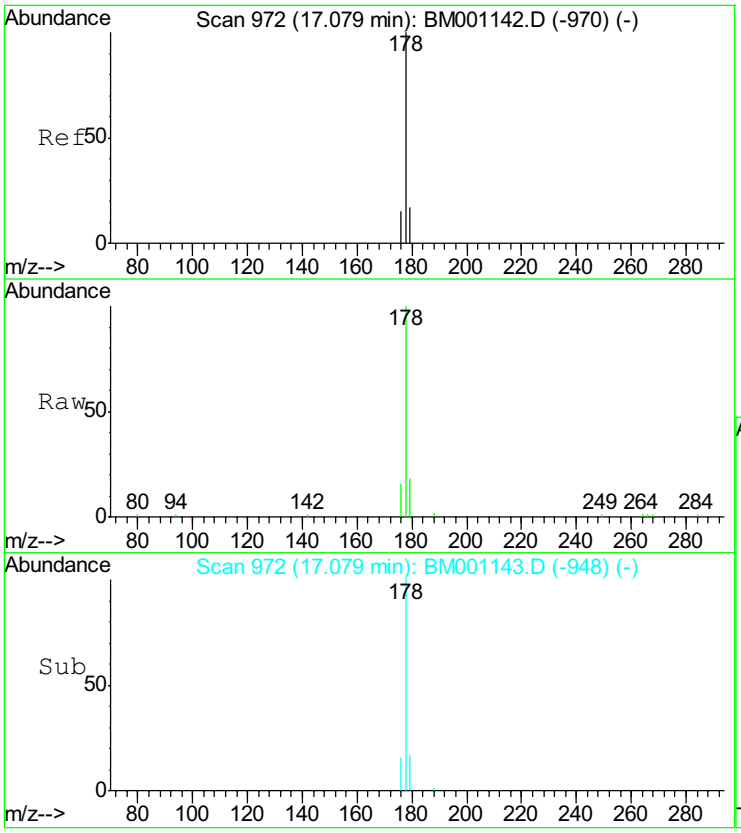
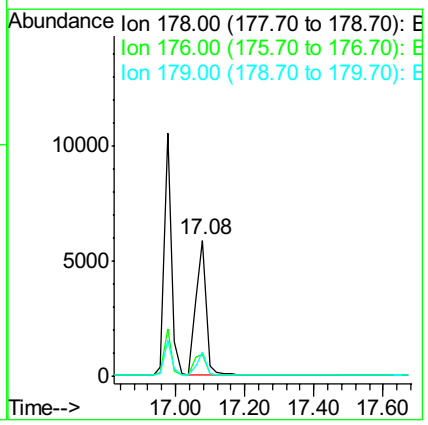
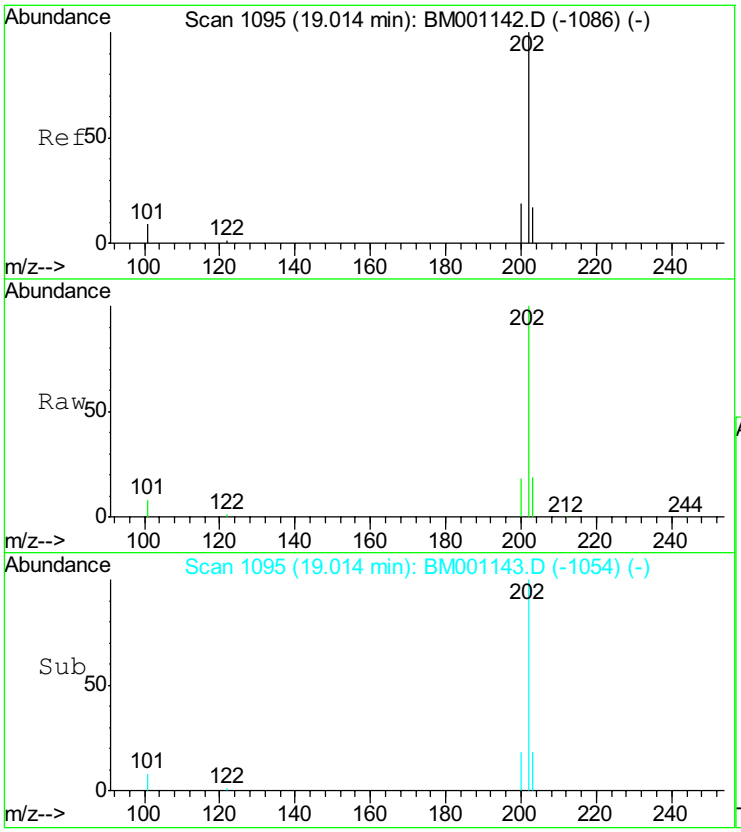


#22
Anthracene
Concen: 0.68 ng
RT: 17.08 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:178 Resp: 12439

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.3	12.2	18.2

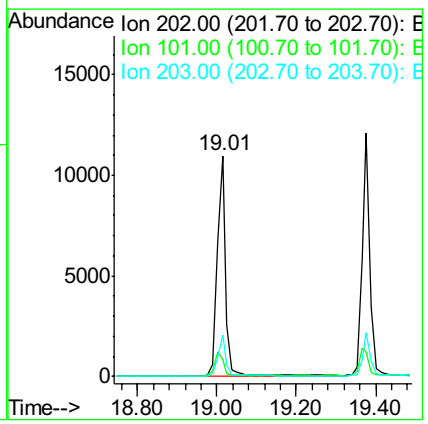




#23
Fluoranthene
Concen: 0.74 ng
RT: 19.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:202 Resp: 15601

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.3	13.9
203	17.3	13.7	20.5



Instrument :
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ClientSampleId :
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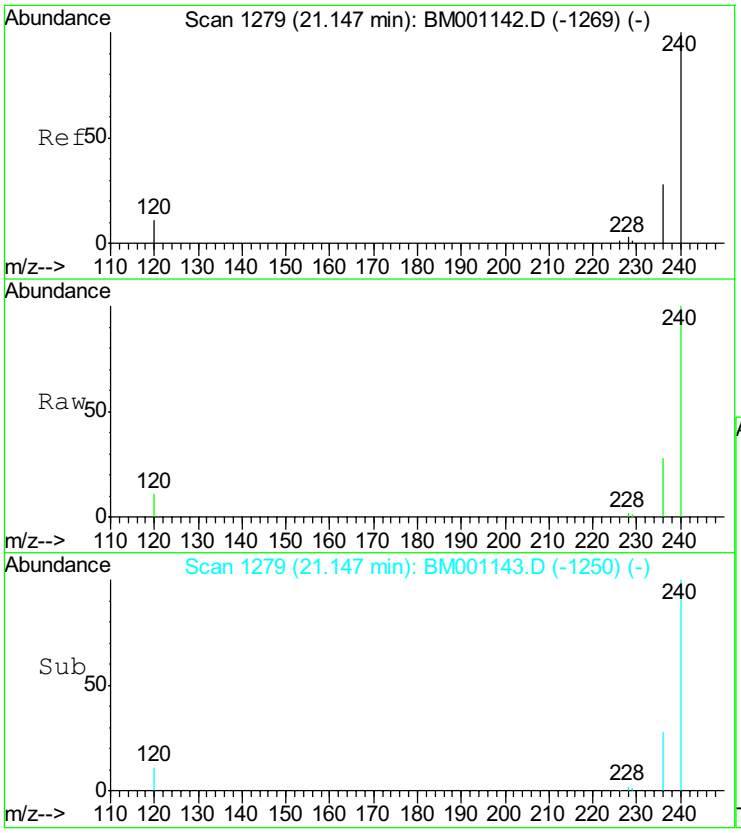
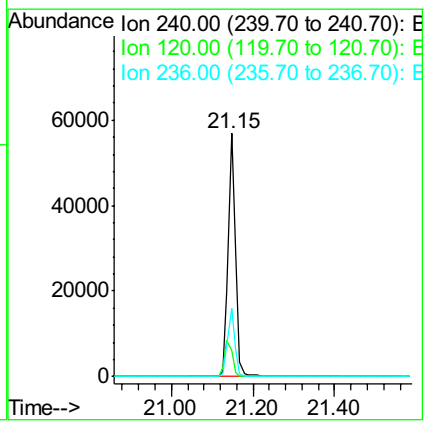
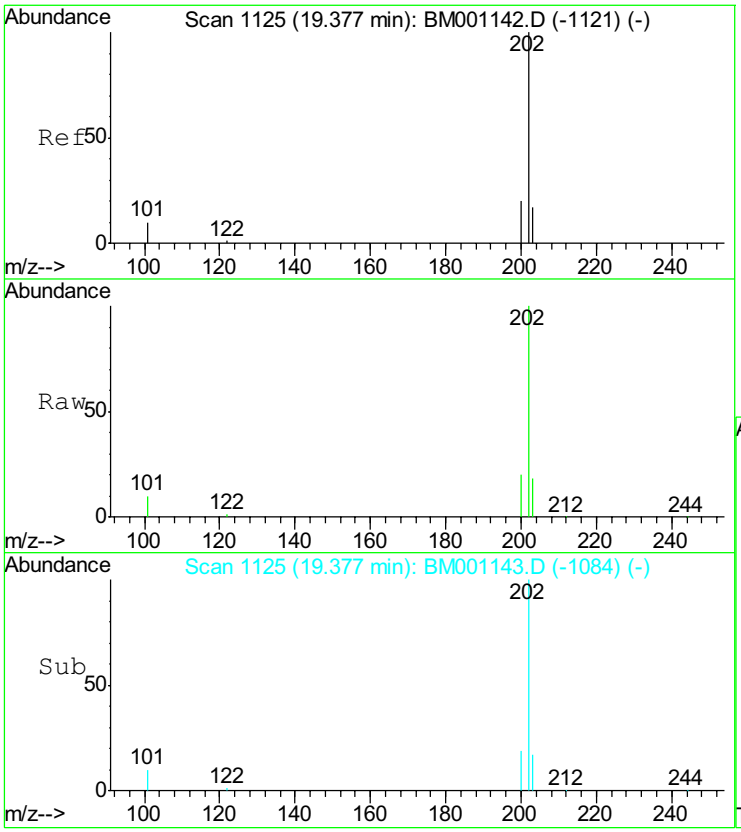


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:240 Resp: 70882

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	28.2	22.4	33.6

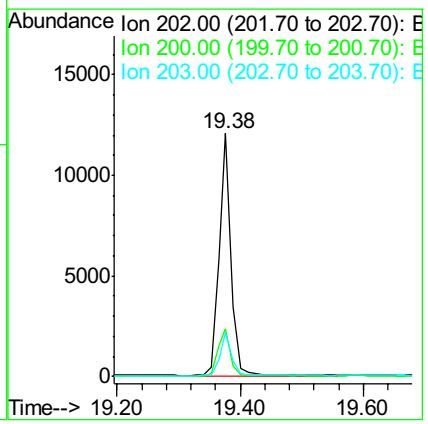




#25
Pyrene
Concen: 0.69 ng
RT: 19.38 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:202 Resp: 16297

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



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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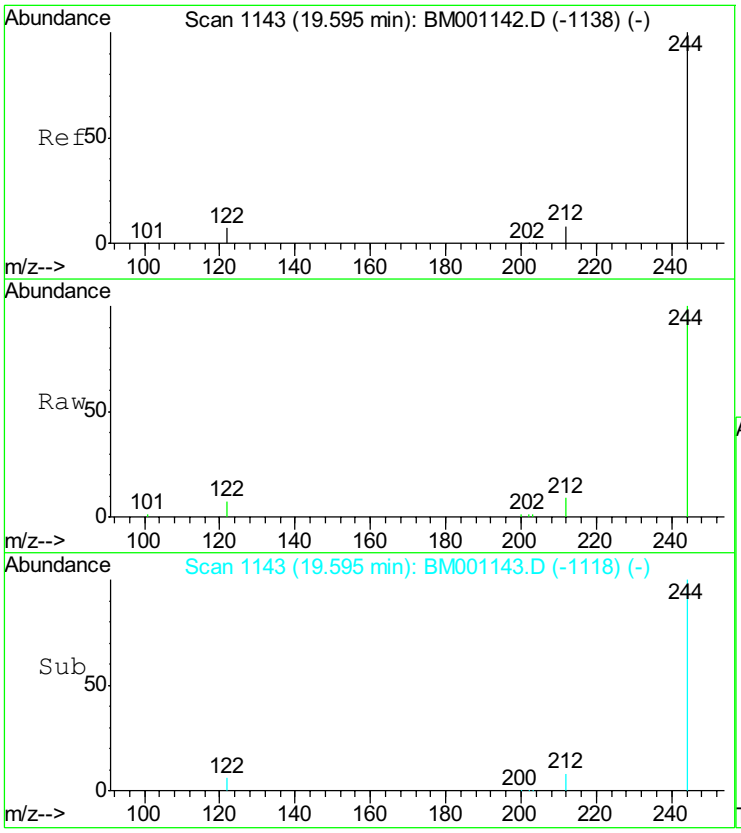
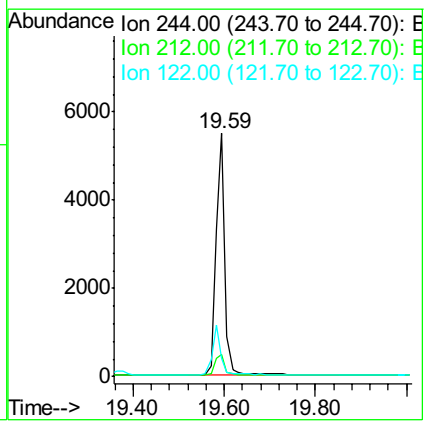
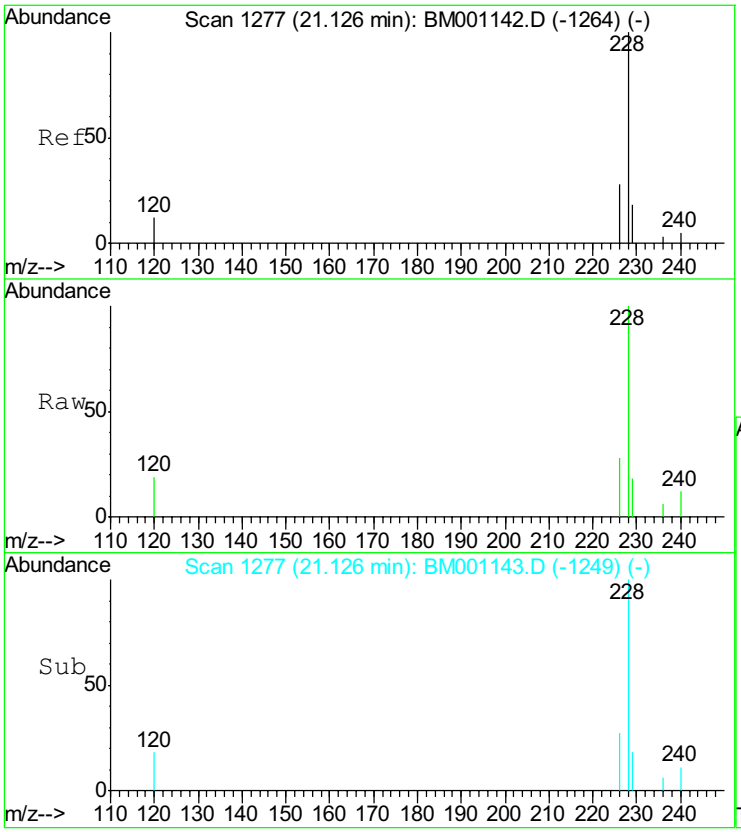


#26
Terphenyl-d14
Concen: 0.77 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:244 Resp: 7374

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	7.3	6.2	9.4

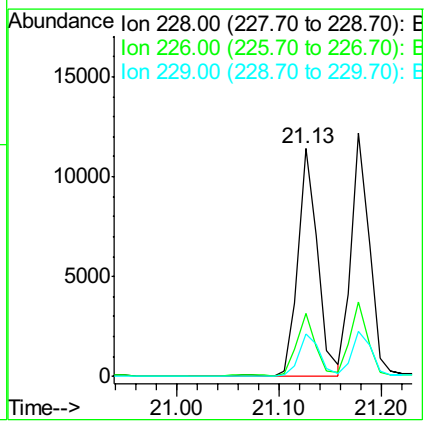




#27
Benzo(a)anthracene
Concen: 0.73 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:228 Resp: 15025

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.8	34.2
229	18.5	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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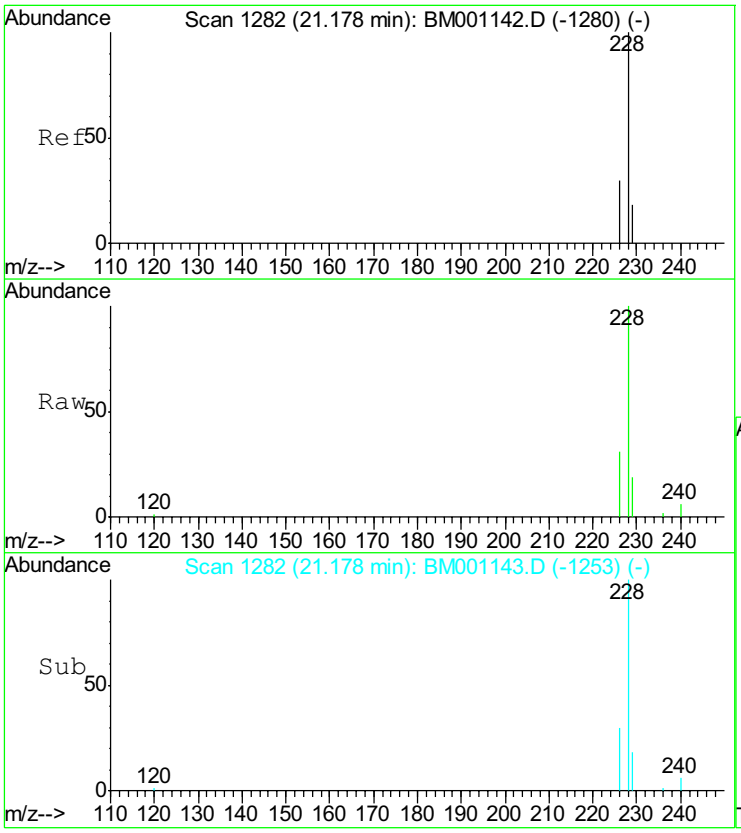
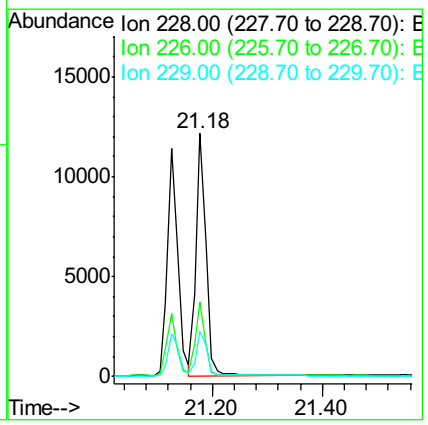
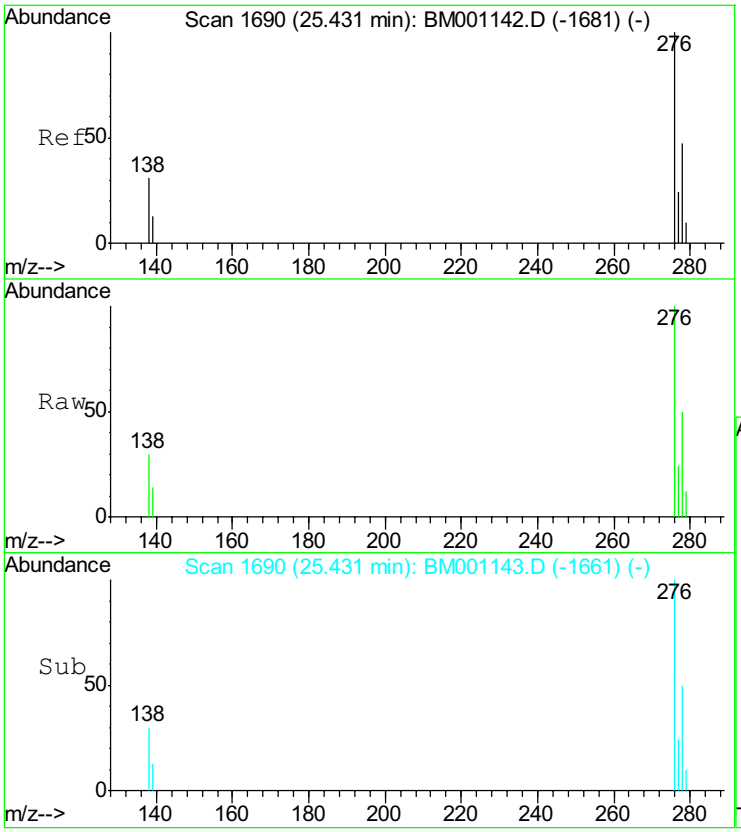


#28
Chrysene
Concen: 0.72 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:228 Resp: 15230

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	18.6	14.3	21.5

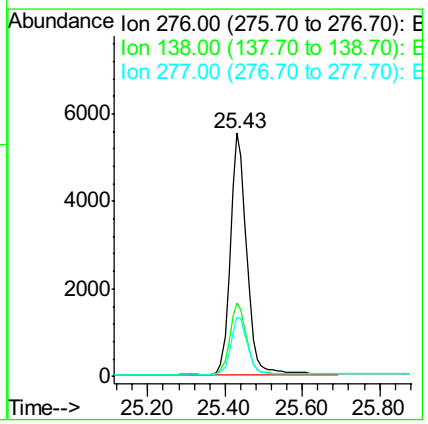




#29
Indeno(1,2,3-cd)pyrene
Concen: 0.76 ng
RT: 25.43 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:276 Resp: 16179

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	24.4	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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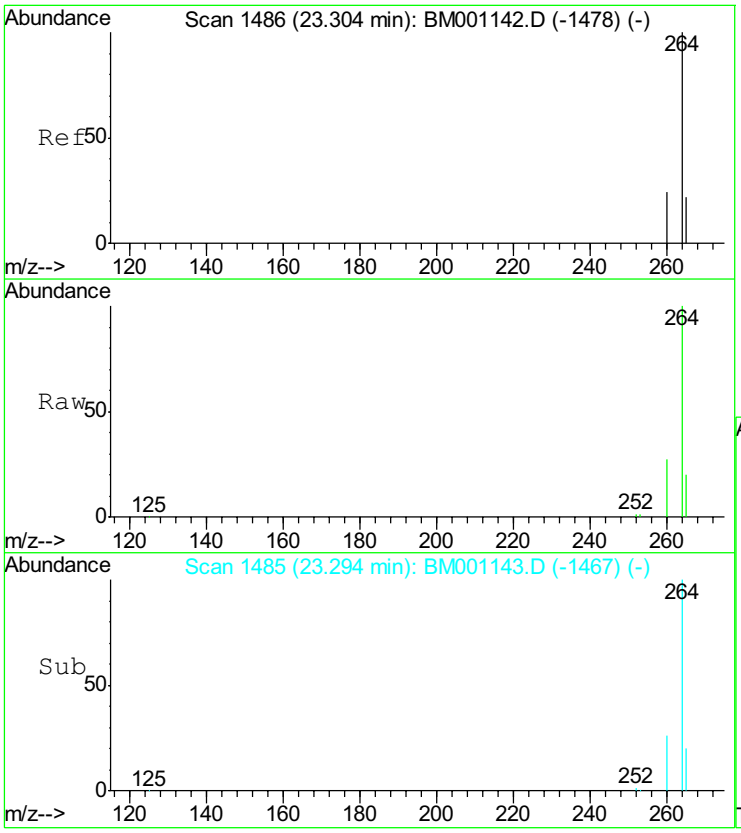
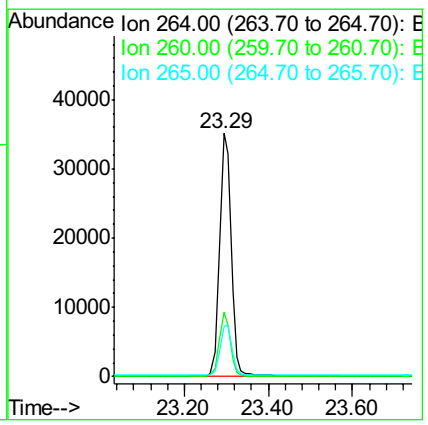
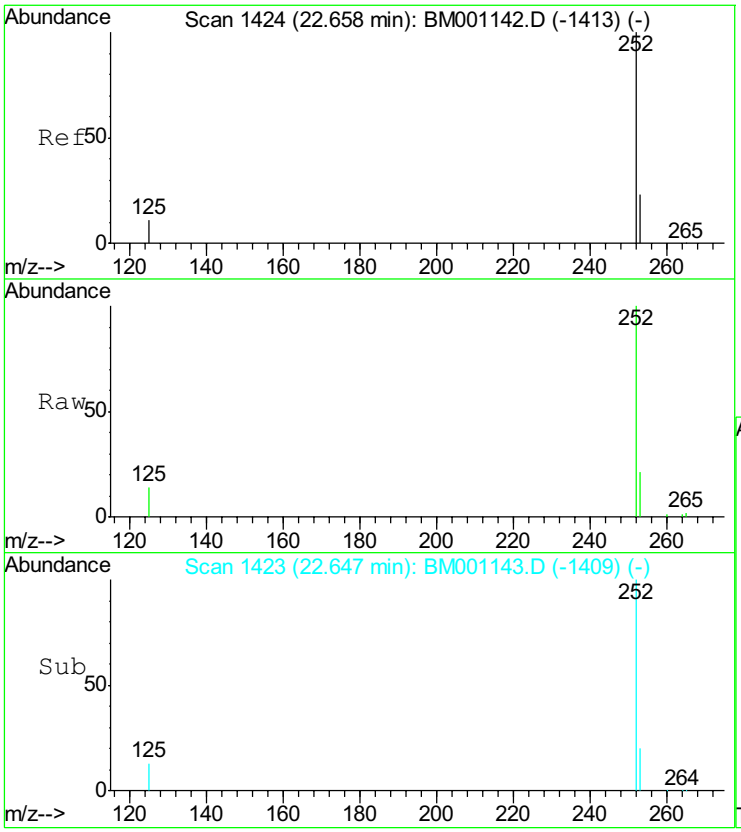


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:264 Resp: 66329

Ion	Ratio	Lower	Upper
264	100		
260	26.6	18.9	28.3
265	20.5	18.1	27.1

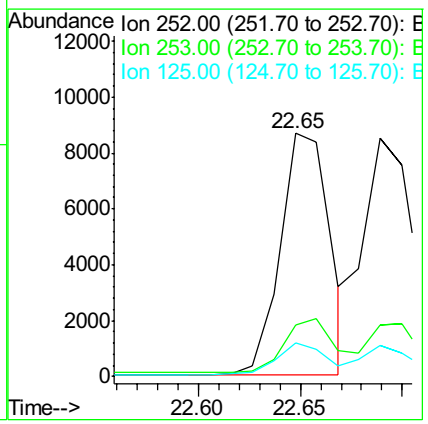




#31
Benzo(b)fluoranthene
Concen: 0.68 ng
RT: 22.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:252 Resp: 14571

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.4
125	13.6	9.1	13.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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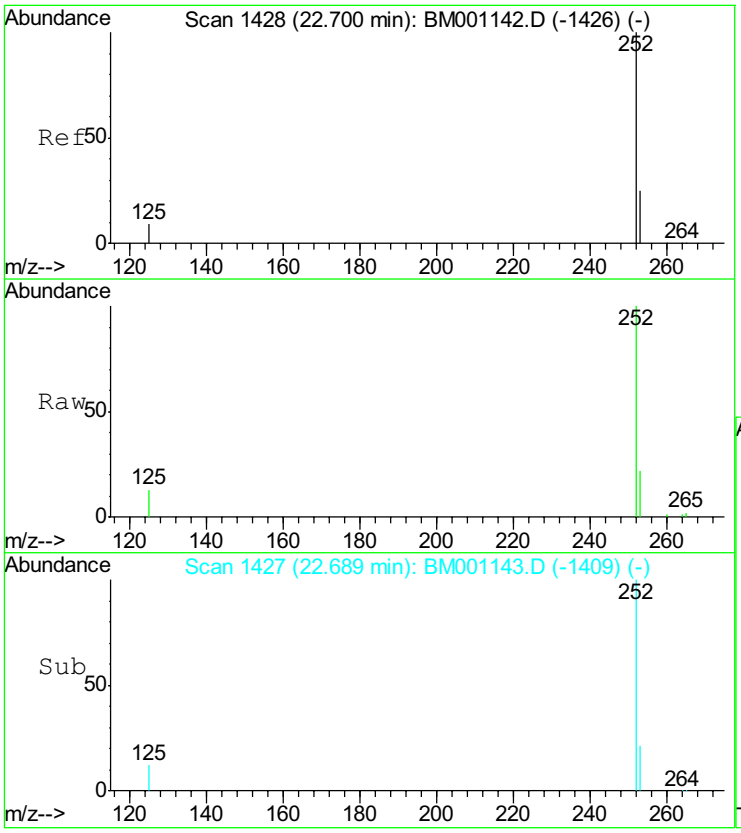
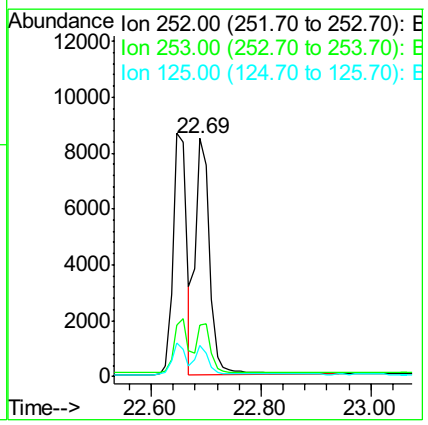
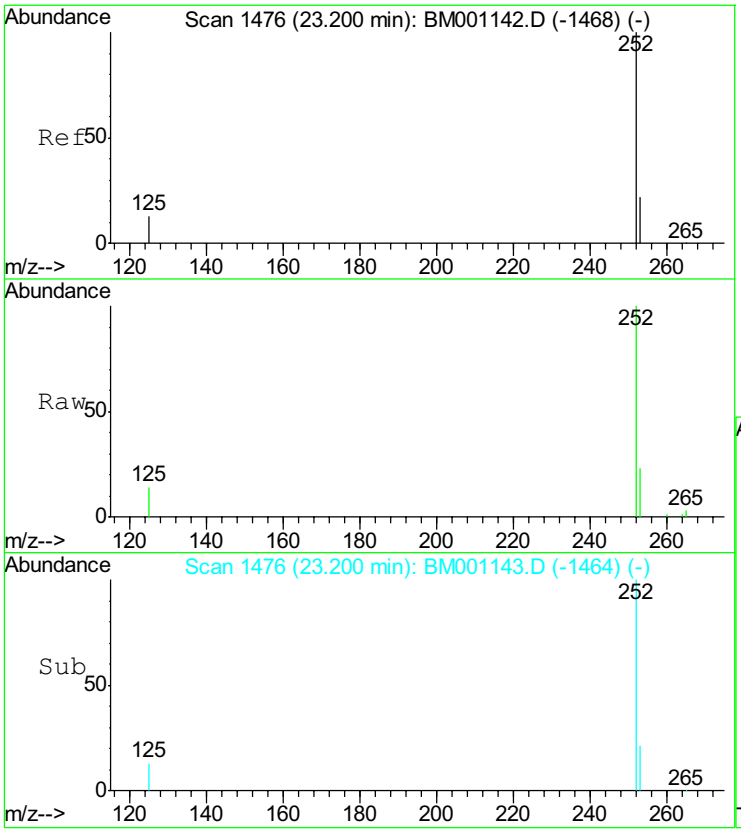


#32
Benzo(k)fluoranthene
Concen: 0.74 ng
RT: 22.69 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:252 Resp: 15057

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	12.9	9.3	13.9

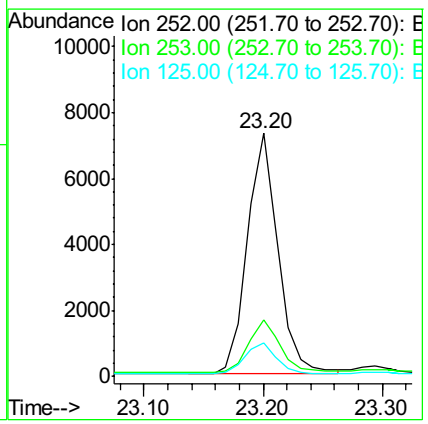




#33
Benzo(a)pyrene
Concen: 0.71 ng
RT: 23.20 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:252 Resp: 13053

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.7	10.6	16.0



Instrument :
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ClientSampleId :
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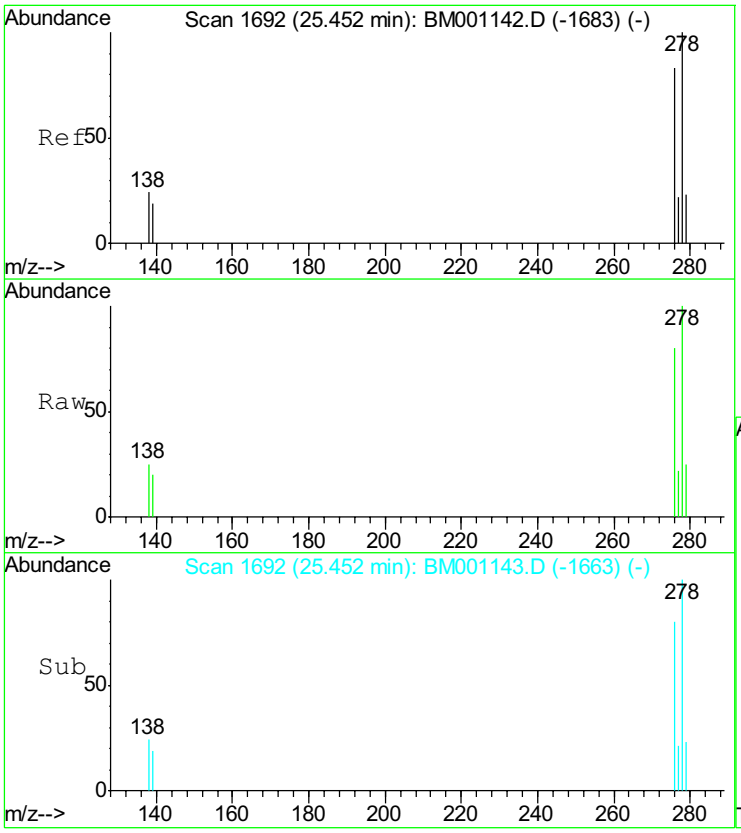
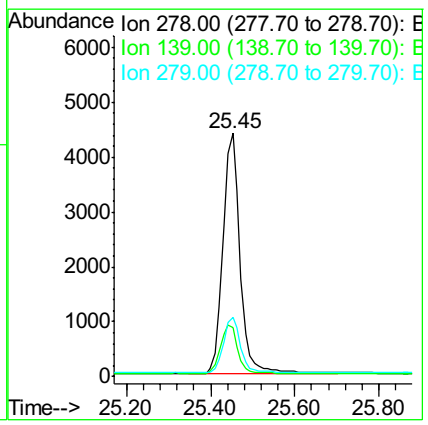
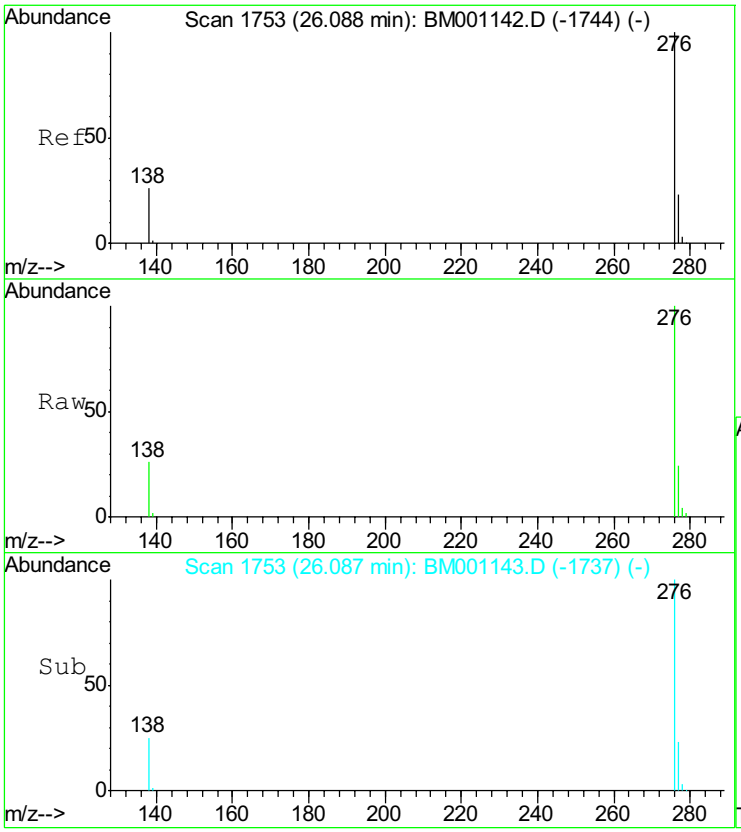


#34
Dibenzo(a,h)anthracene
Concen: 0.72 ng
RT: 25.45 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:278 Resp: 12564

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.5	23.3
279	24.6	19.7	29.5

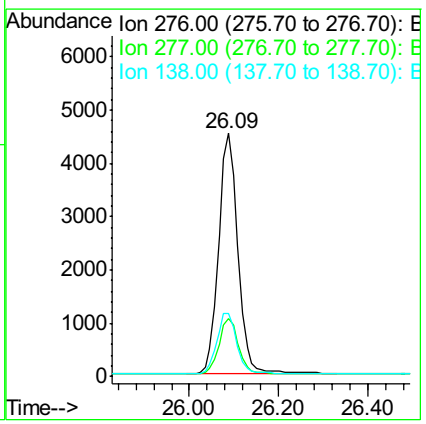




#35
Benzo(g,h,i)perylene
Concen: 0.72 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001143.D
Acq: 01 May 2015 22:32

Tgt Ion:276 Resp: 13435

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	26.1	21.3	31.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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