Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001142.D
Acq On : 01 May 2015 21:56
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

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5/5/2015 8:03:14 AM

Quant Time: May 02 02:11:13 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	16224	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	63383	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	35274	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	85658	5.00	ng		0.00
24) Chrysene-d12	21.15	240	75619	5.00	ng		0.00
30) Perylene-d12	23.30	264	66124	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	3201	0.93	ng		0.00
5) Phenol-d6	6.71	99	3917	0.84	ng		0.00
7) Nitrobenzene-d5	8.69	82	3583	1.03	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	1237m	0.71	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	11885	1.01	ng		0.00
26) Terphenyl-d14	19.59	244	10595	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2022	1.13	ng		100
3) n-Nitrosodimethylamine	3.34	42	2090	1.12	ng		100
8) Nitrobenzene	8.73	77	4051	0.83	ng		100
9) Naphthalene	10.36	128	14237	0.95	ng		100
10) Hexachlorobutadiene	10.65	225	2686	0.98	ng		100
11) 2-Methylnaphthalene	11.99	142	9556	0.98	ng		100
15) Acenaphthylene	13.91	152	15615	0.99	ng	#	100
16) Acenaphthene	14.24	154	10534	0.97	ng		100
17) Fluorene	15.24	166	12830	1.02	ng		100
19) Hexachlorobenzene	16.26	284	4539	0.96	ng	#	100
20) Pentachlorophenol	16.61	266	1092	0.81	ng		100
21) Phenanthrene	16.98	178	21948	0.97	ng		100
22) Anthracene	17.08	178	18598	0.90	ng		100
23) Fluoranthene	19.01	202	22287	0.94	ng		100
25) Pyrene	19.38	202	23615	0.94	ng		100
27) Benzo(a)anthracene	21.13	228	21174	0.96	ng		100
28) Chrysene	21.18	228	21580	0.95	ng		100
29) Indeno(1,2,3-cd)pyrene	25.43	276	19752	0.87	ng		100
31) Benzo(b)fluoranthene	22.66	252	21968	1.02	ng		100
32) Benzo(k)fluoranthene	22.70	252	17905	0.89	ng		100
33) Benzo(a)pyrene	23.20	252	17258	0.95	ng		100
34) Dibenzo(a,h)anthracene	25.45	278	15320	0.88	ng		100
35) Benzo(g,h,i)perylene	26.09	276	16242	0.87	ng		100

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

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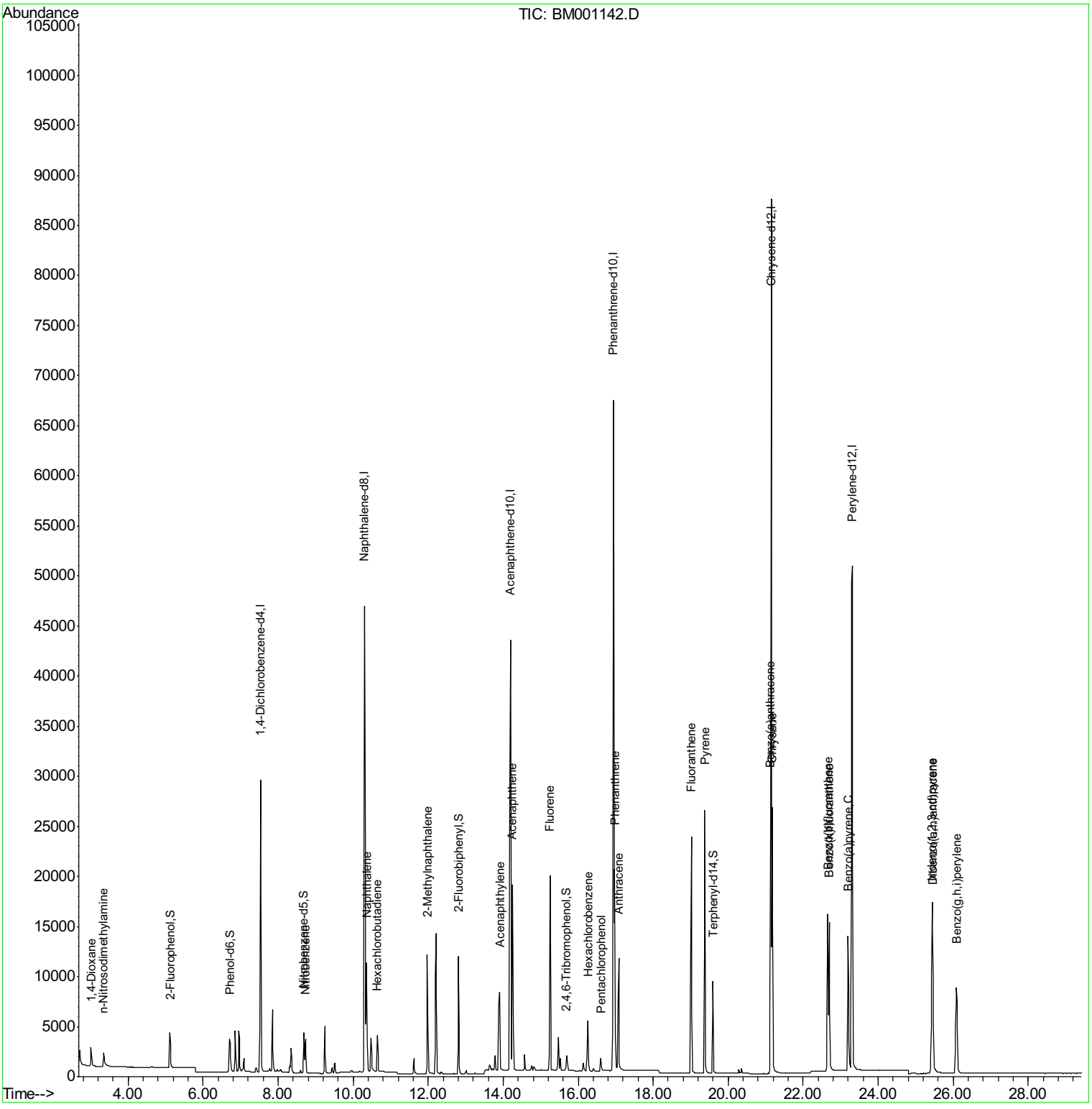
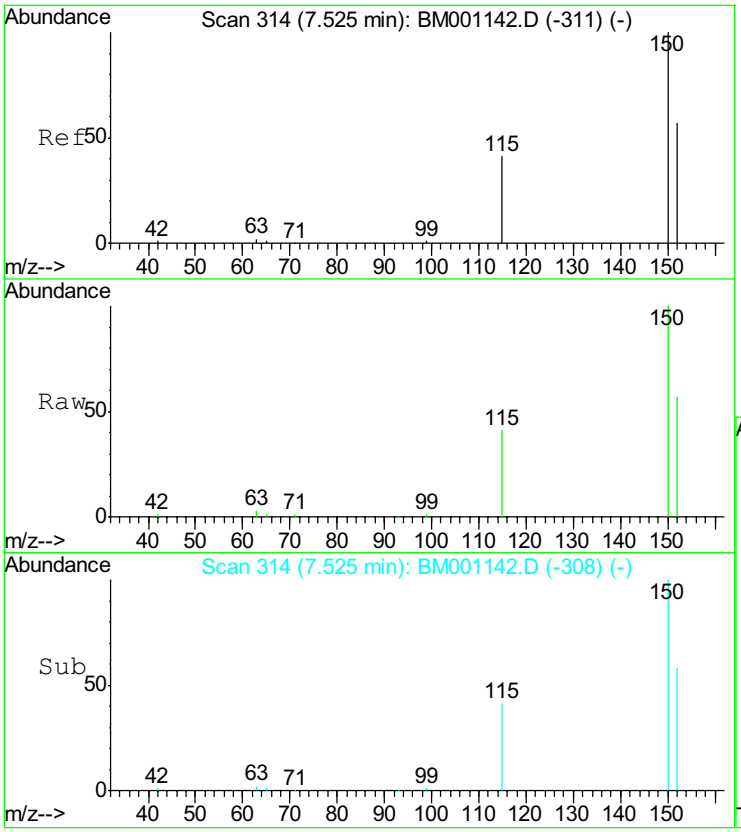
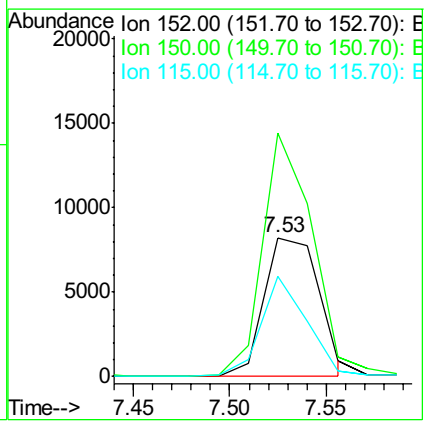




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:152 Resp: 16224

Ion	Ratio	Lower	Upper
152	100		
150	175.1	140.1	210.1
115	72.2	57.8	86.6



Instrument :
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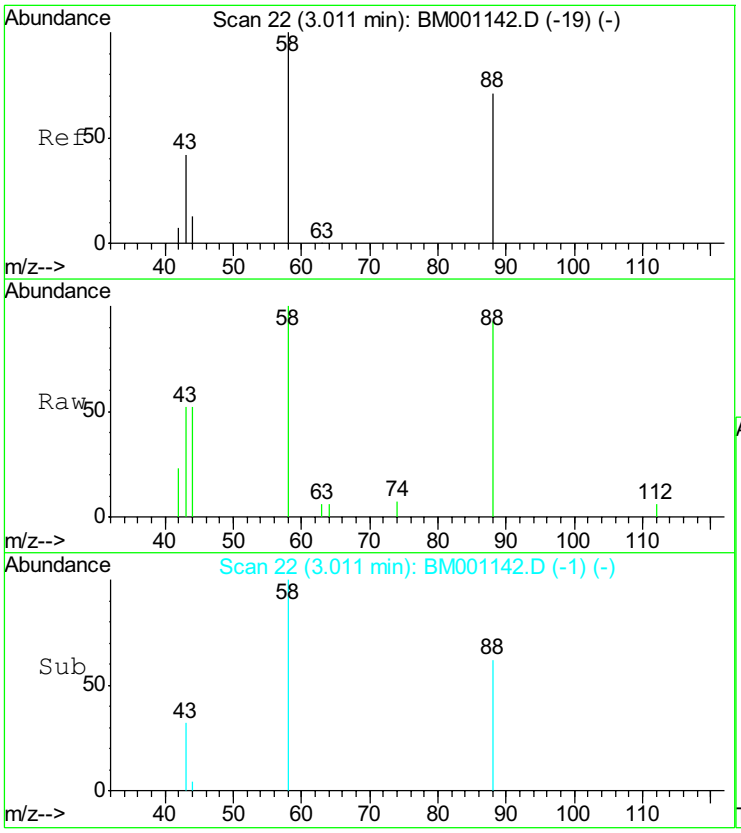
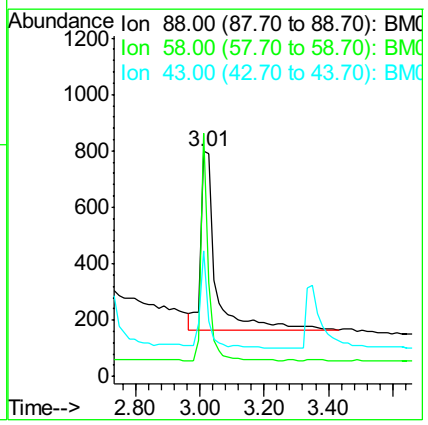
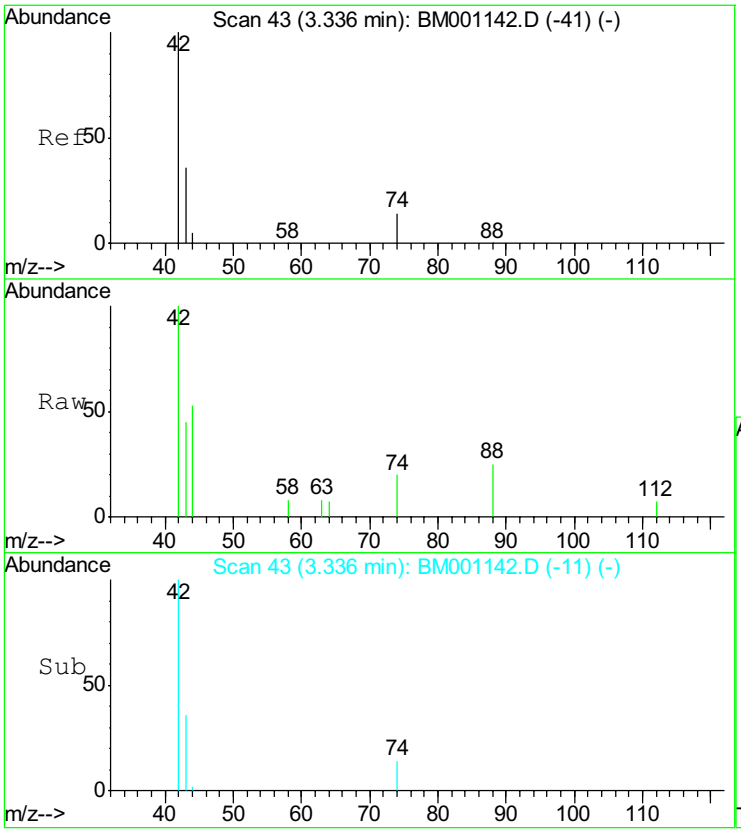


#2
1,4-Dioxane
Concen: 1.13 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion: 88 Resp: 2022

Ion	Ratio	Lower	Upper
88	100		
58	60.2	48.2	72.2
43	31.0	24.8	37.2

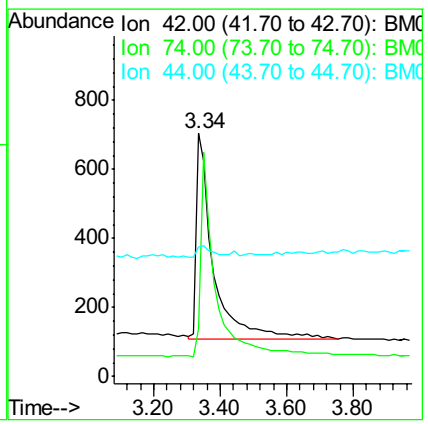




#3
n-Nitrosodimethylamine
Concen: 1.12 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion: 42 Resp: 2090

Ion	Ratio	Lower	Upper
42	100		
74	90.0	72.0	108.0
44	4.6	3.7	5.5



Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

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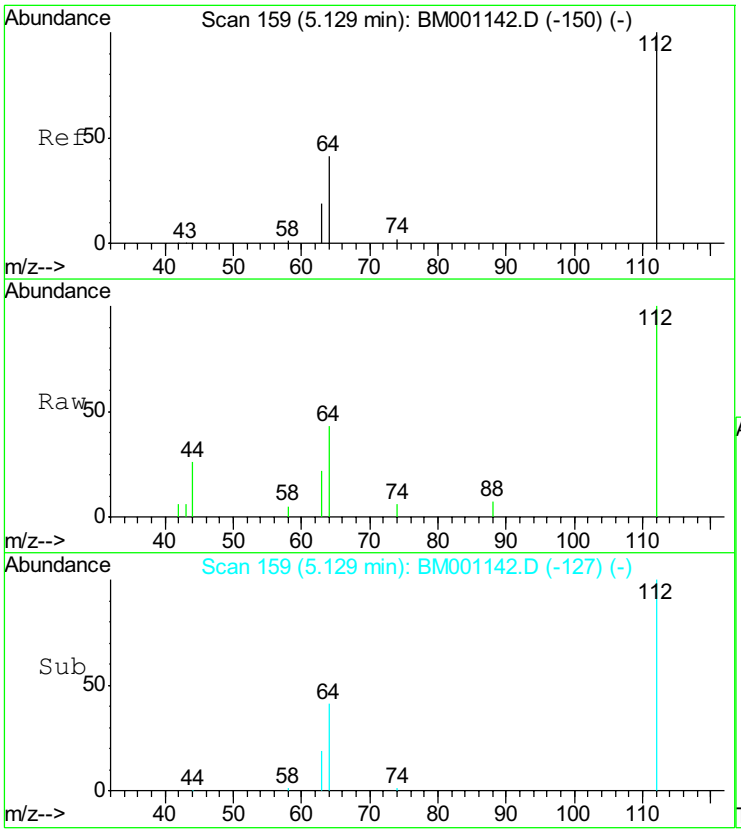
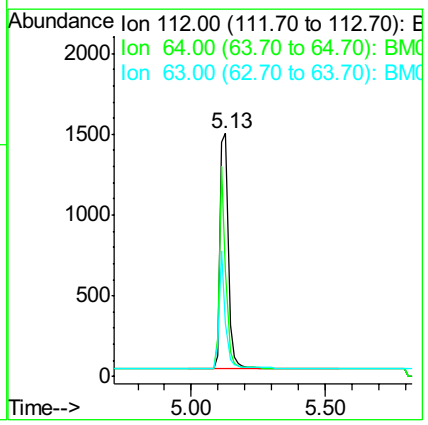
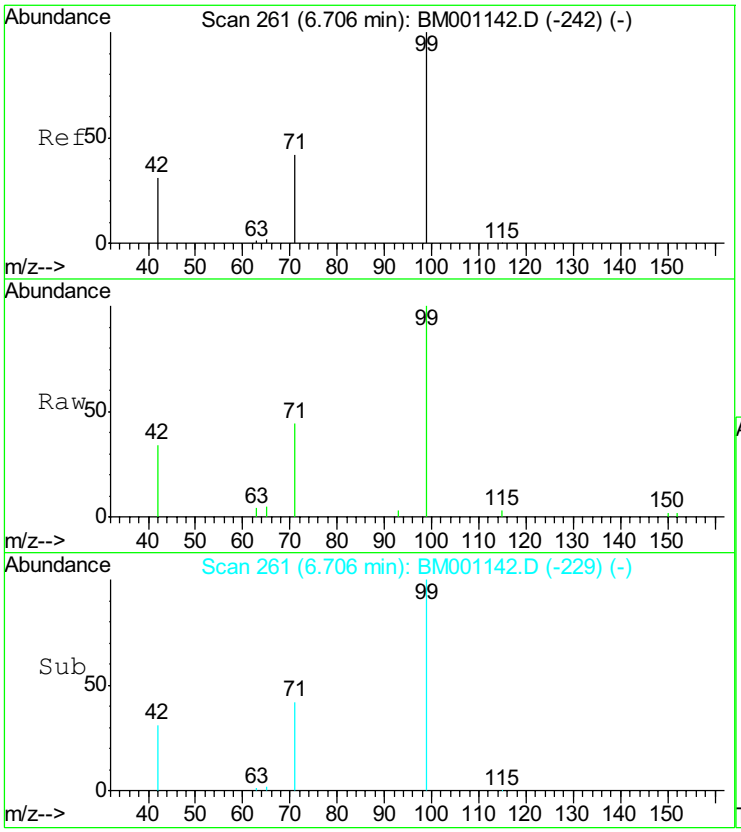


#4
2-Fluorophenol
Concen: 0.93 ng/uL
RT: 5.13 min Scan# 159
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:112 Resp: 3201

Ion	Ratio	Lower	Upper
112	100		
64	65.8	52.6	79.0
63	36.8	29.5	44.3

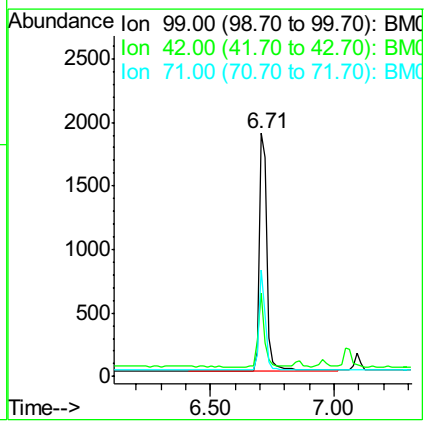




#5
Phenol-d6
Concen: 0.84 ng/uL
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion: 99 Resp: 3917

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.9	31.3
71	35.6	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

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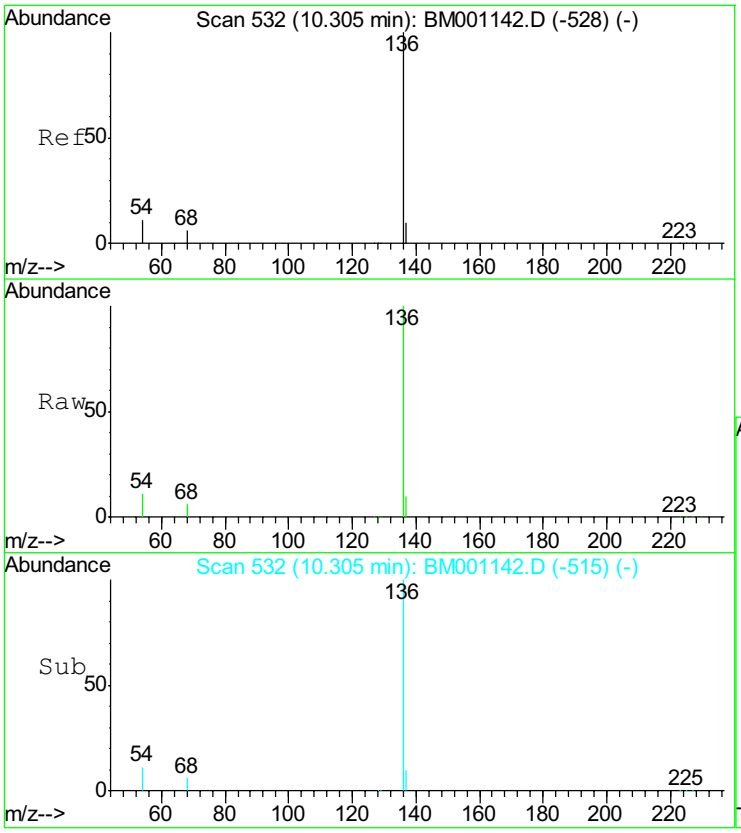
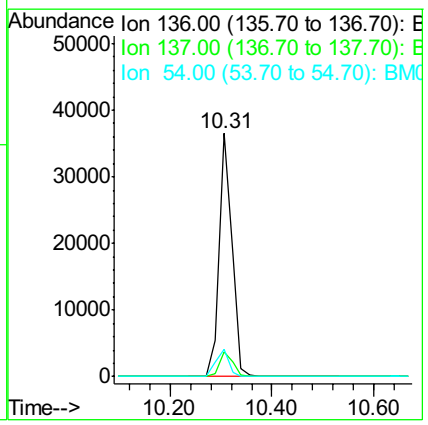
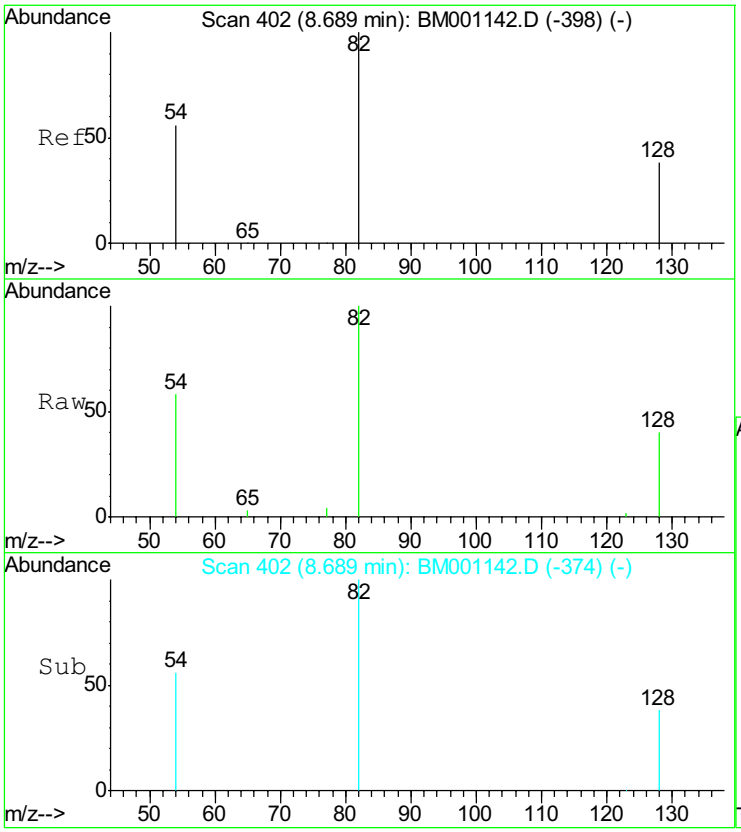


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:136 Resp: 63383

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.2	9.0	13.4

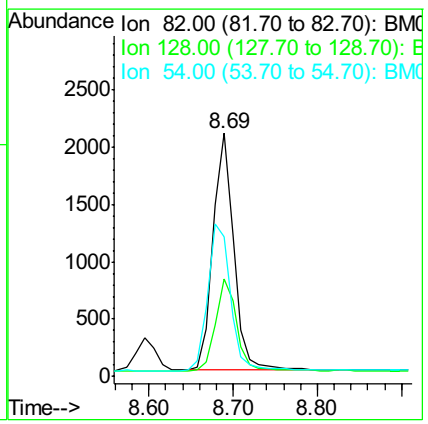




#7
Nitrobenzene-d5
Concen: 1.03 ng
RT: 8.69 min Scan# 402
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion: 82 Resp: 3583

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.9	47.9
54	57.7	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

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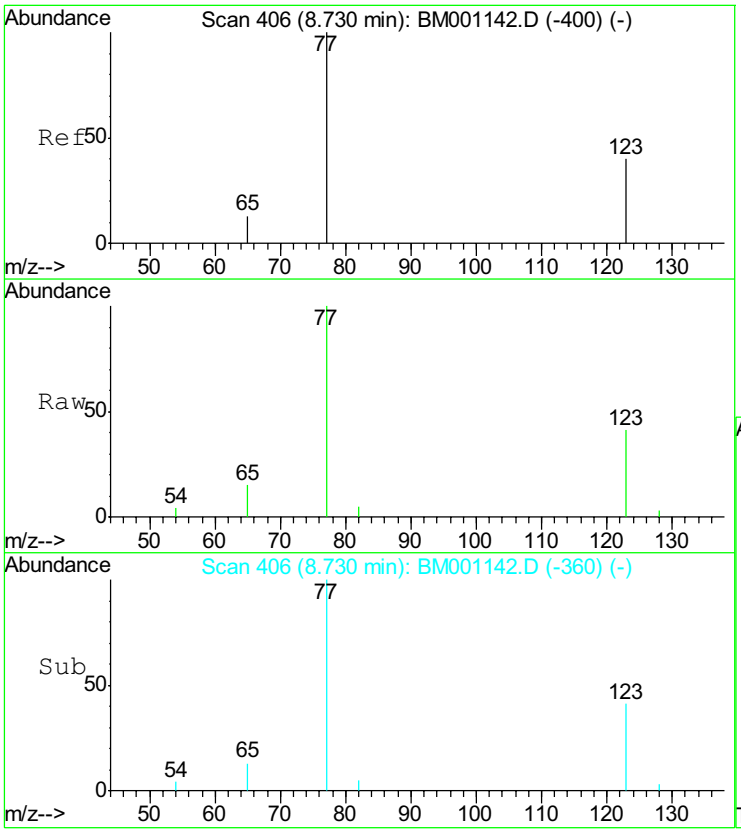
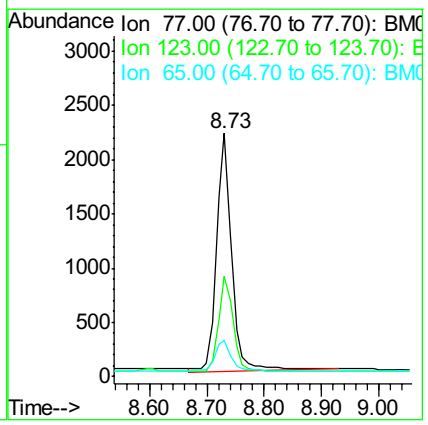
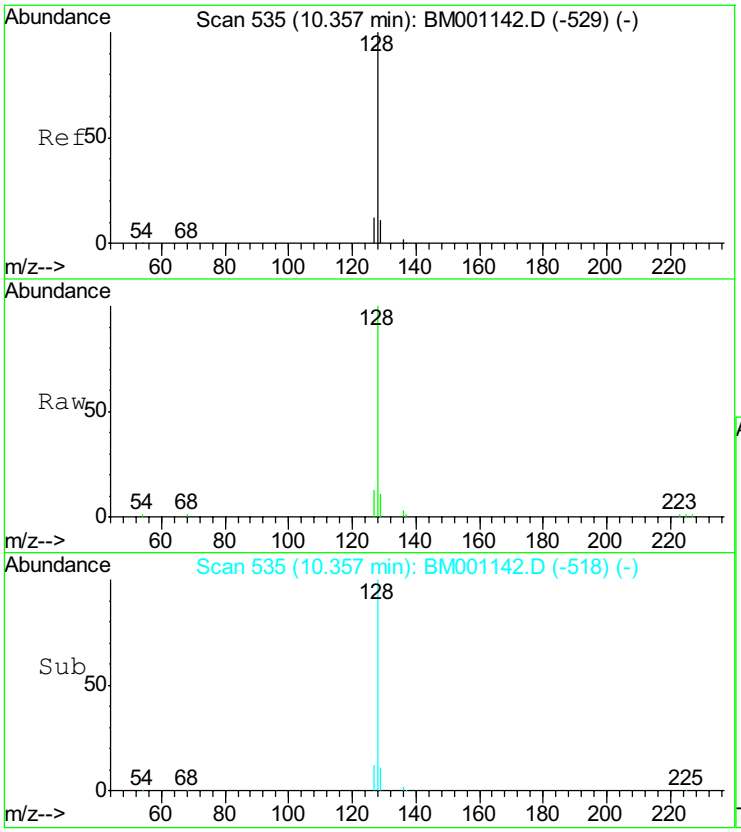


#8
Nitrobenzene
Concen: 0.83 ng/uL
RT: 8.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion: 77 Resp: 4051

Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.0	46.6
65	13.2	10.6	15.8

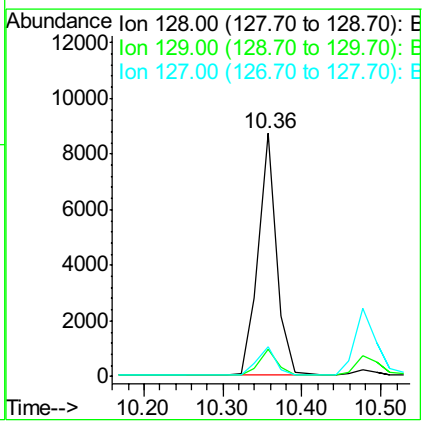




#9
Naphthalene
Concen: 0.95 ng
RT: 10.36 min Scan# 535
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:128 Resp: 14237

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.5	10.0	15.0



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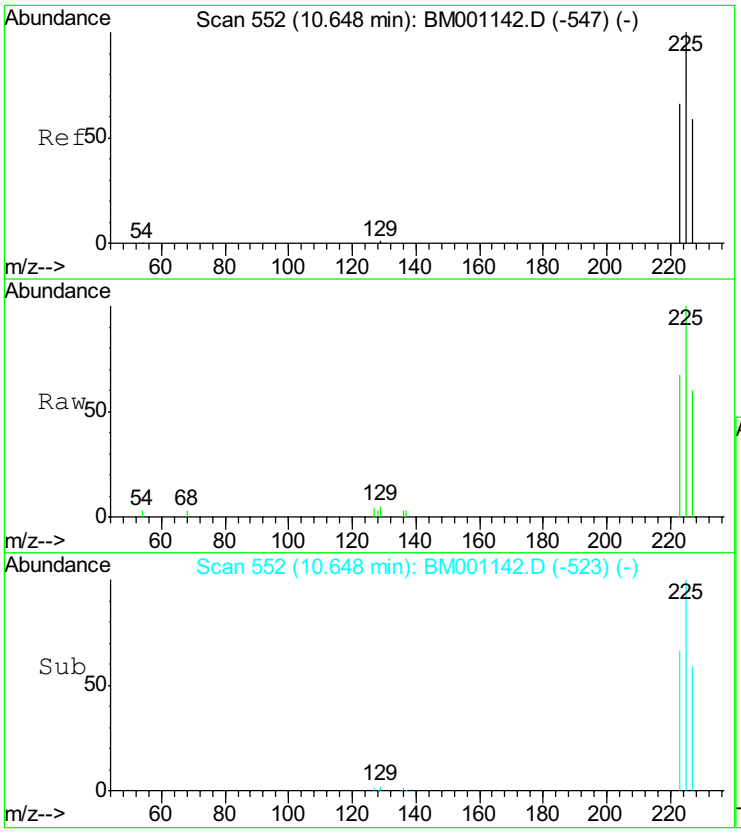
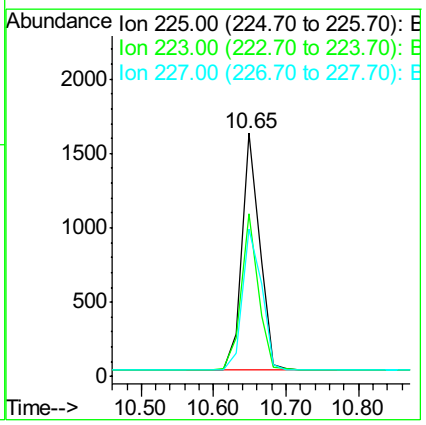
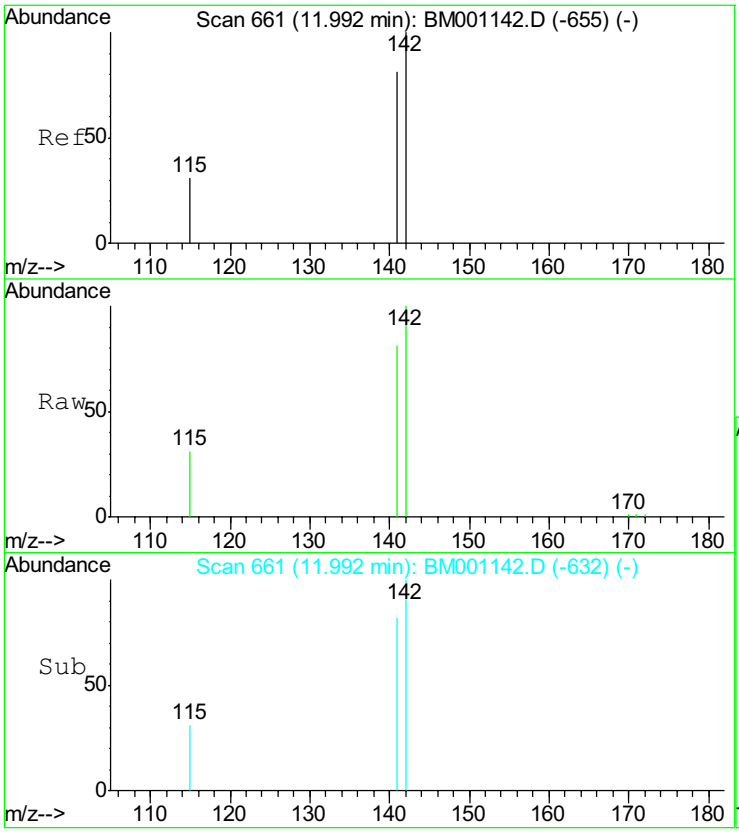


#10
Hexachlorobutadiene
Concen: 0.98 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:225 Resp: 2686

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.8	76.2
227	63.7	51.0	76.4

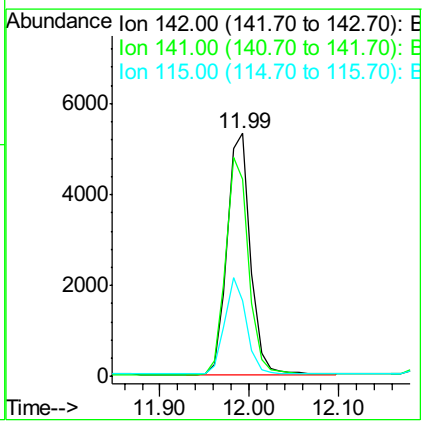




#11
2-Methylnaphthalene
Concen: 0.98 ng
RT: 11.99 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:142 Resp: 9556

Ion	Ratio	Lower	Upper
142	100		
141	81.4	65.1	97.7
115	31.4	25.1	37.7



Instrument :
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ClientSampleId :
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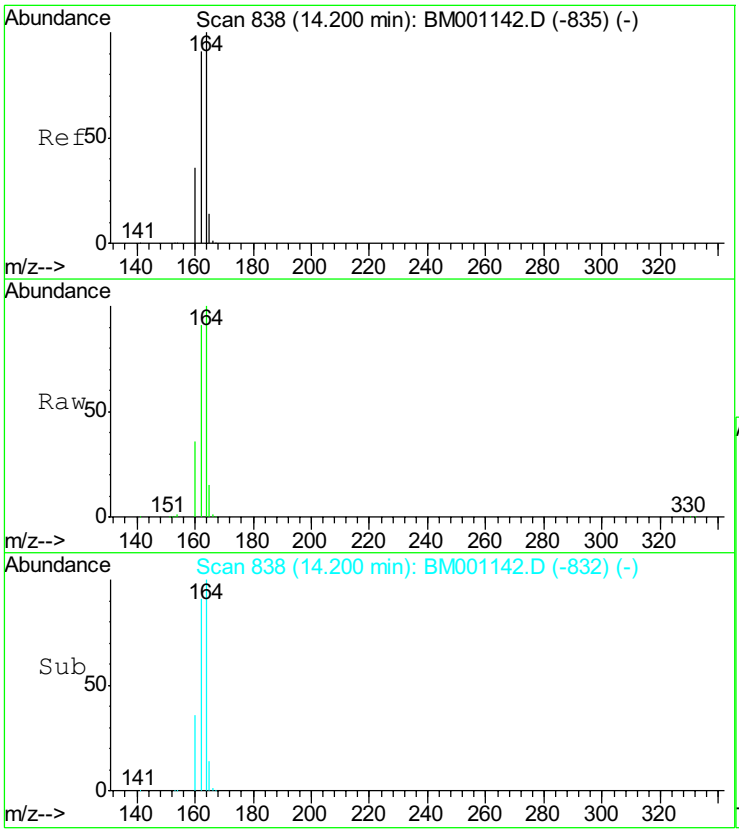
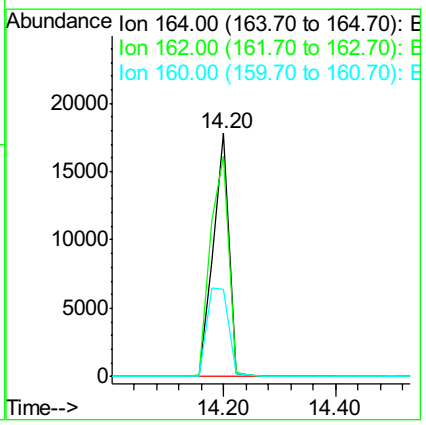
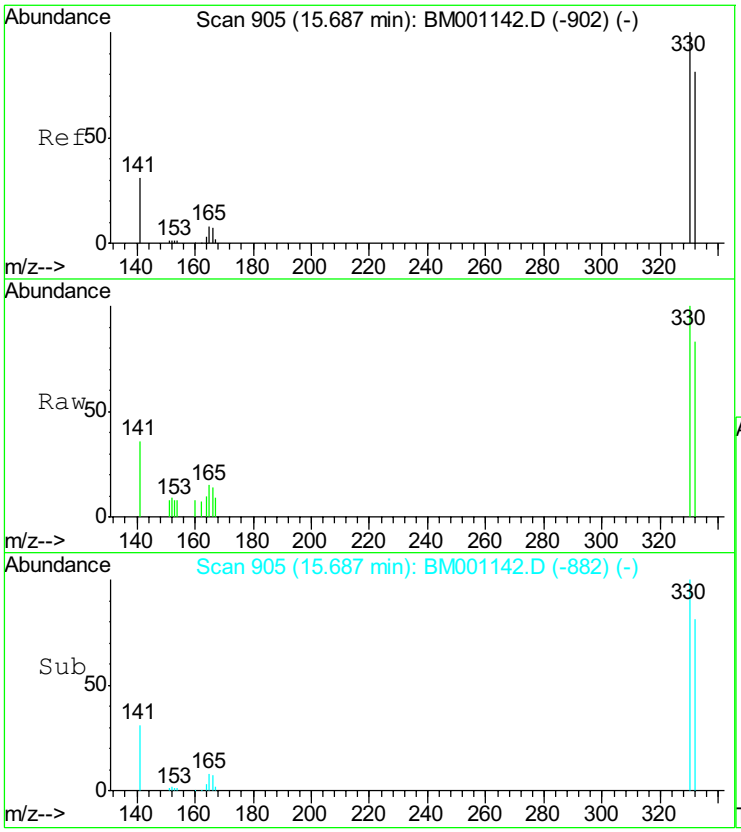


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:164 Resp: 35274

Ion	Ratio	Lower	Upper
164	100		
162	90.9	72.7	109.1
160	35.9	28.7	43.1

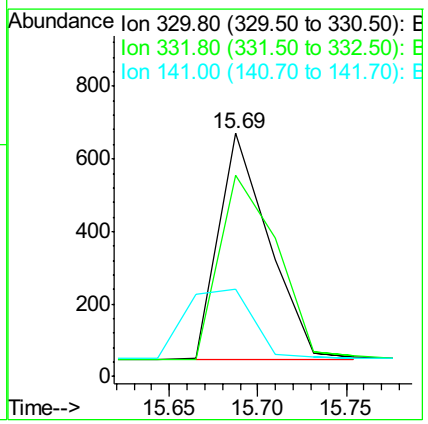




#13
2,4,6-Tribromophenol
Concen: 0.71 ng/uL m
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:330 Resp: 1237

Ion	Ratio	Lower	Upper
330	100		
332	150.3	74.5	111.7#
141	42.3	21.0	31.4#



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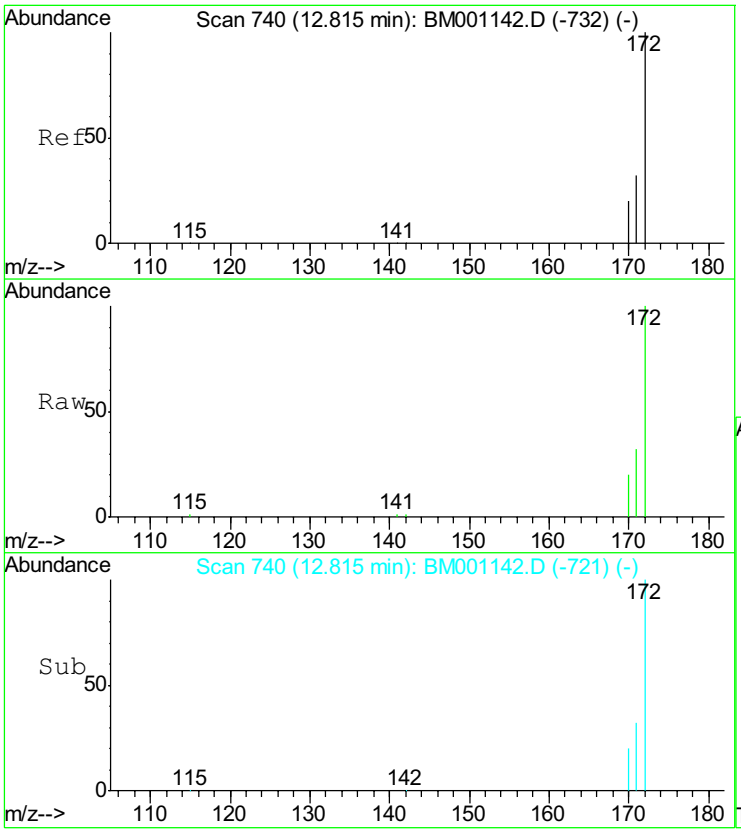
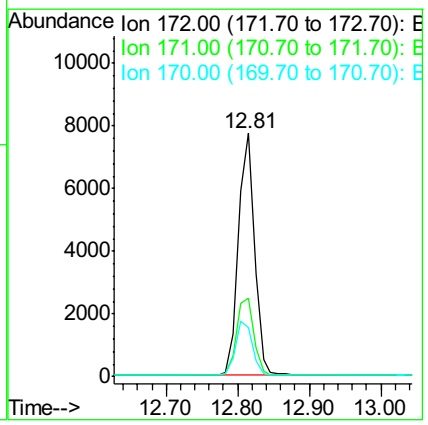
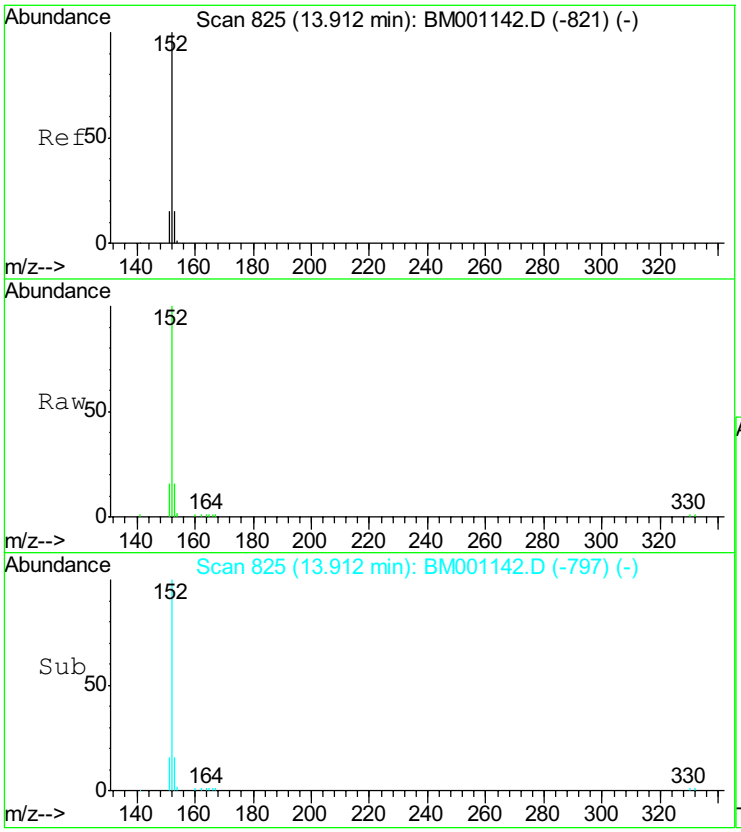


#14
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:172 Resp: 11885

Ion	Ratio	Lower	Upper
172	100		
171	32.2	25.8	38.6
170	20.1	16.1	24.1

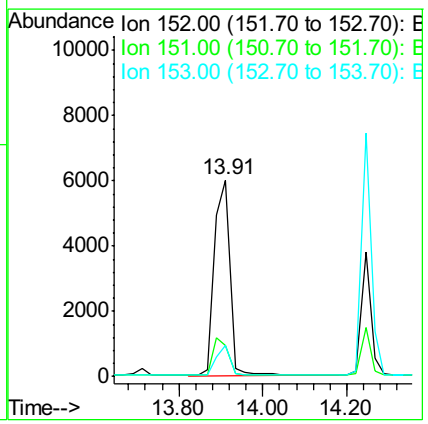




#15
Acenaphthylene
Concen: 0.99 ng
RT: 13.91 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:152 Resp: 15615

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.9	10.3	15.5



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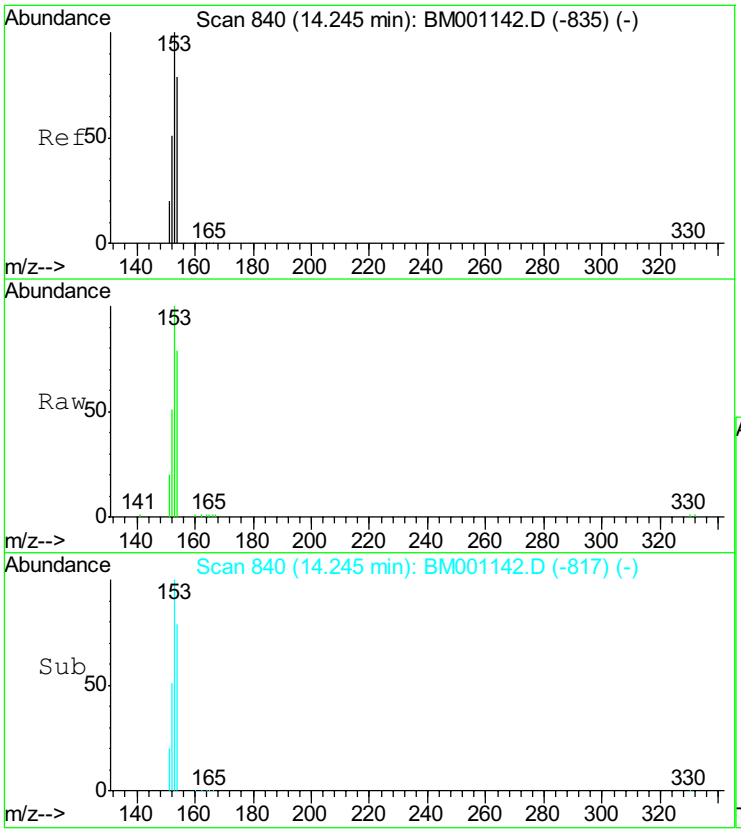
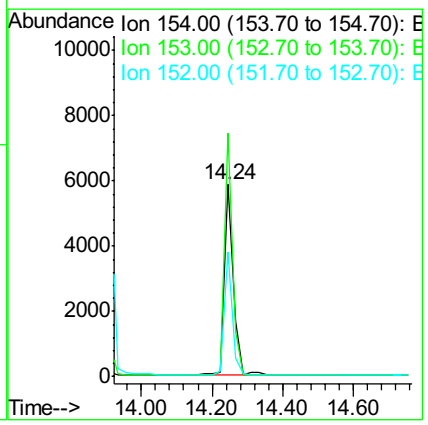
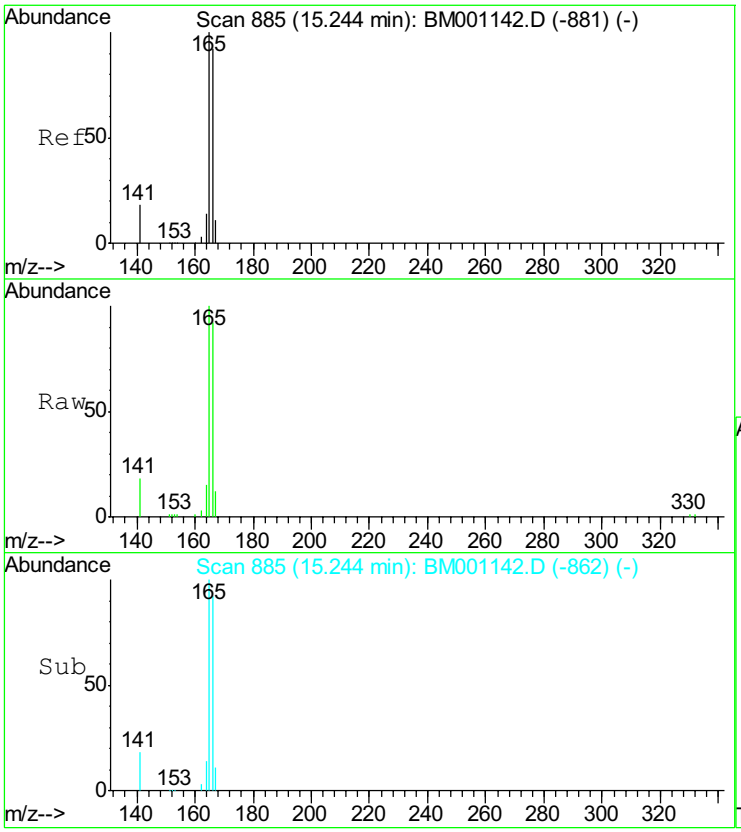


#16
Acenaphthene
Concen: 0.97 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:154 Resp: 10534

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.6	136.0
152	56.2	45.0	67.4

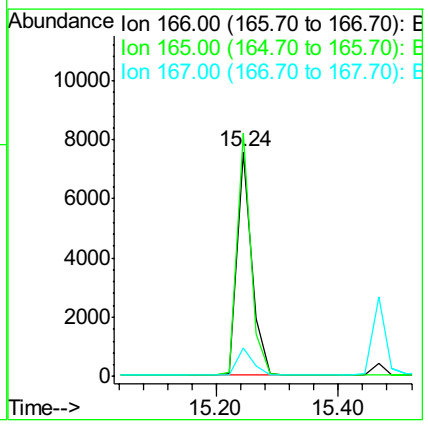




#17
Fluorene
Concen: 1.02 ng
RT: 15.24 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:166 Resp: 12830

Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.0	121.6
167	13.0	10.4	15.6



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BNA_M
ClientSampleId :
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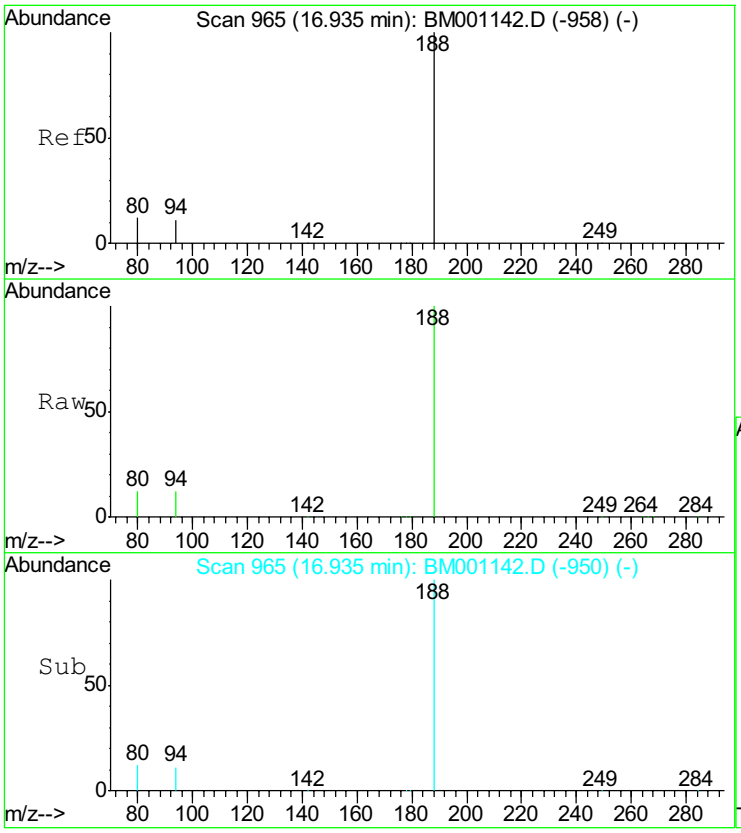
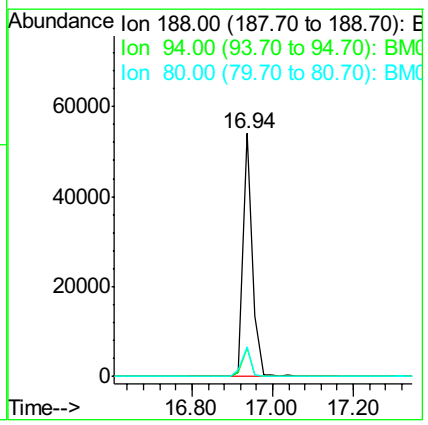
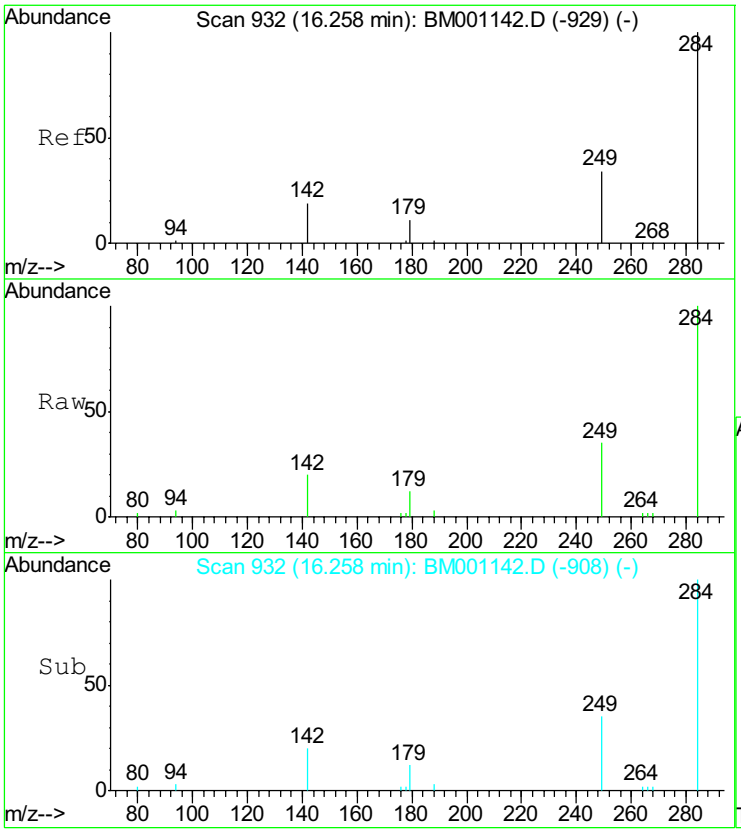


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:188 Resp: 85658

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.3	13.9
80	12.2	9.8	14.6

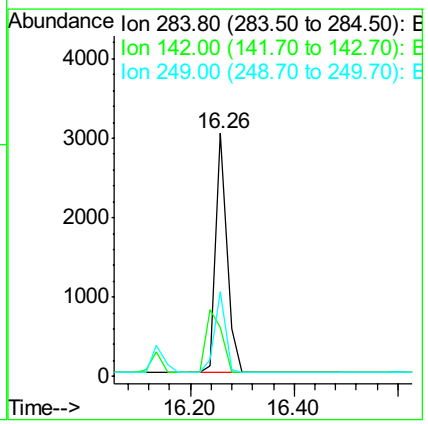




#19
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:284 Resp: 4539

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	33.1	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
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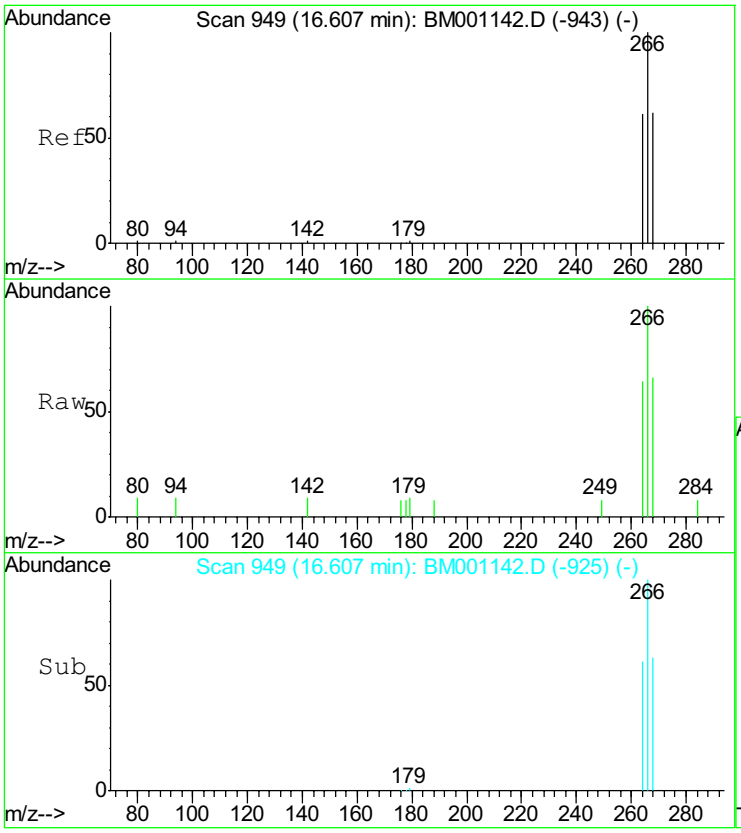
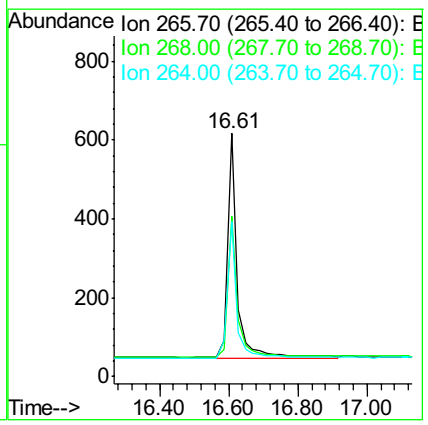
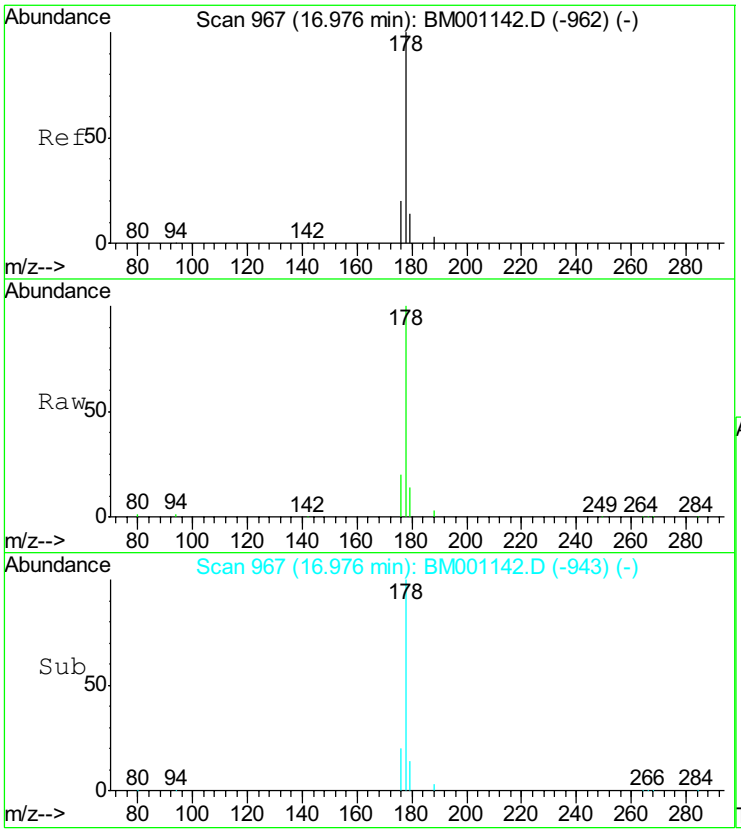


#20
Pentachlorophenol
Concen: 0.81 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:266 Resp: 1092

Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.6	79.0
264	63.7	51.0	76.4

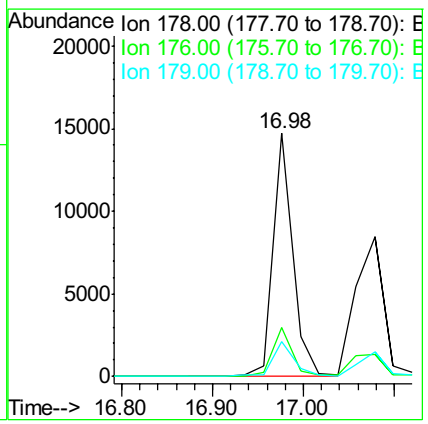




#21
Phenanthrene
Concen: 0.97 ng
RT: 16.98 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:178 Resp: 21948

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.0	12.0	18.0



Instrument :
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ClientSampleId :
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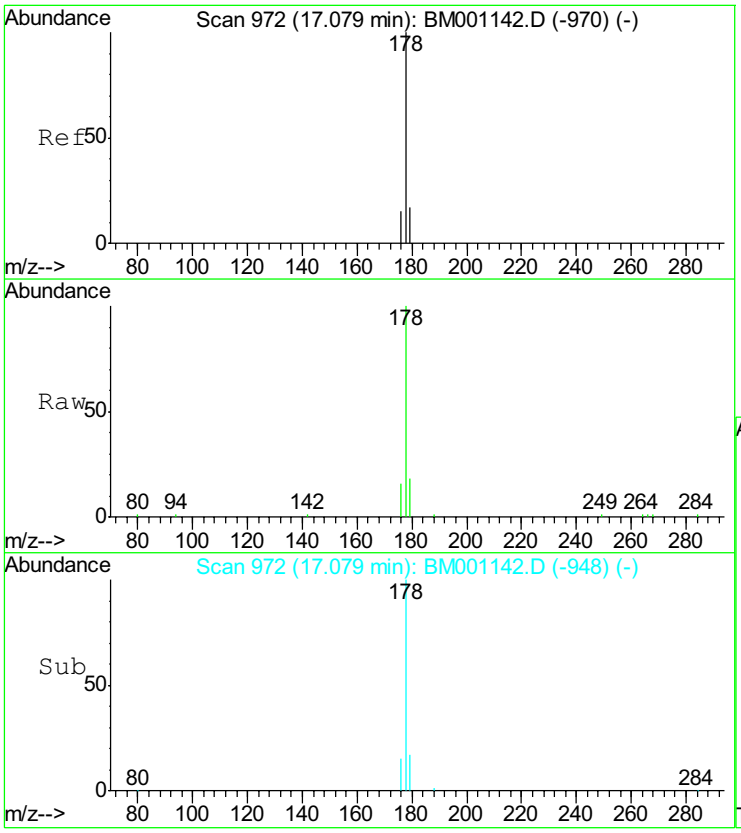
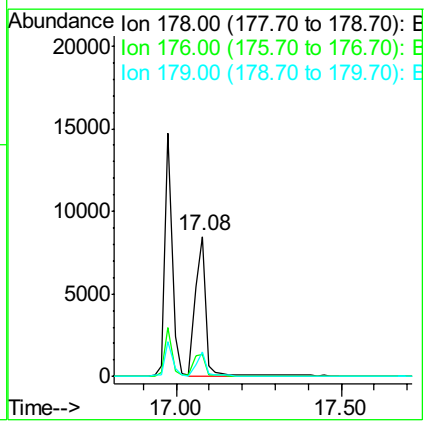
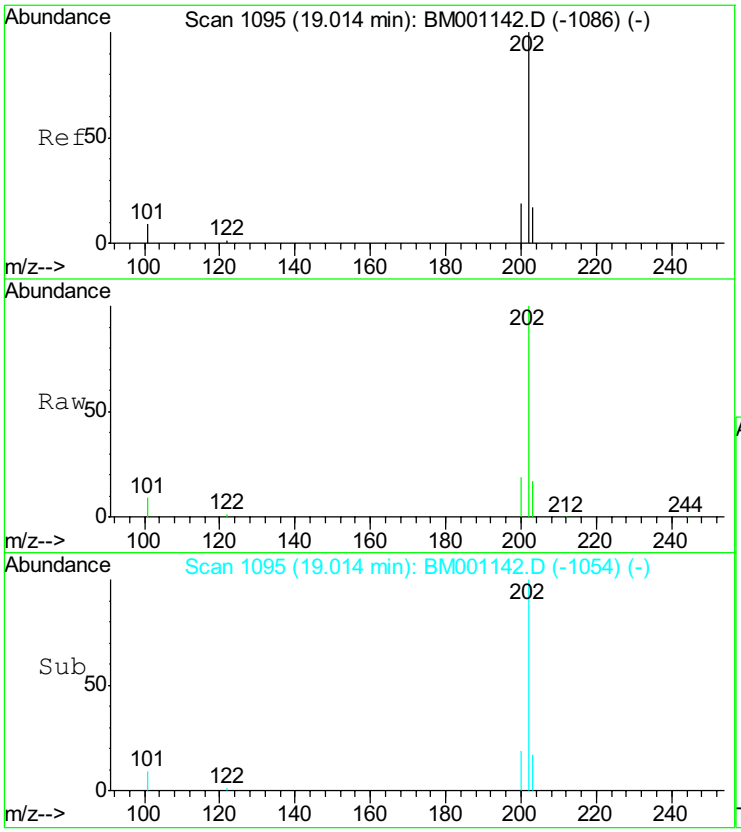


#22
Anthracene
Concen: 0.90 ng
RT: 17.08 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:178 Resp: 18598

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.2	12.2	18.2

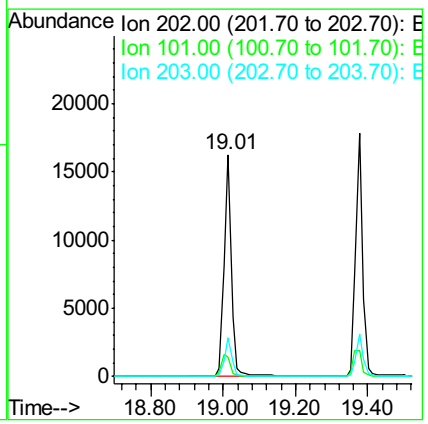




#23
Fluoranthene
Concen: 0.94 ng
RT: 19.01 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:202 Resp: 22287

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



Instrument :
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ClientSampleId :
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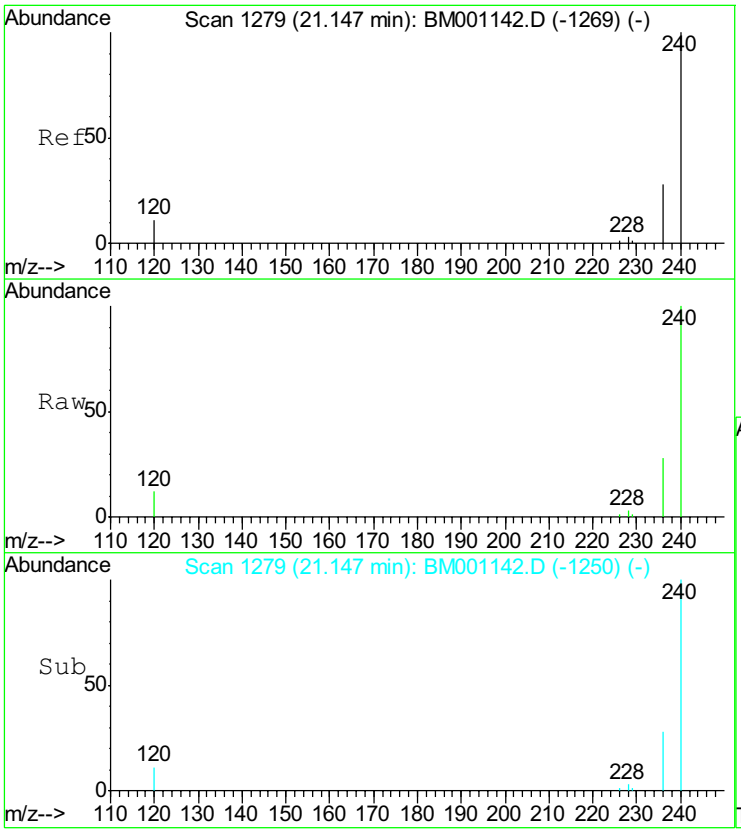
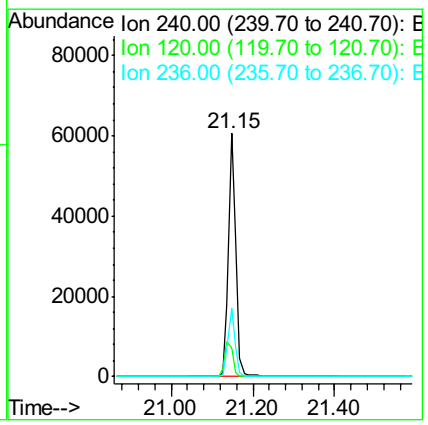
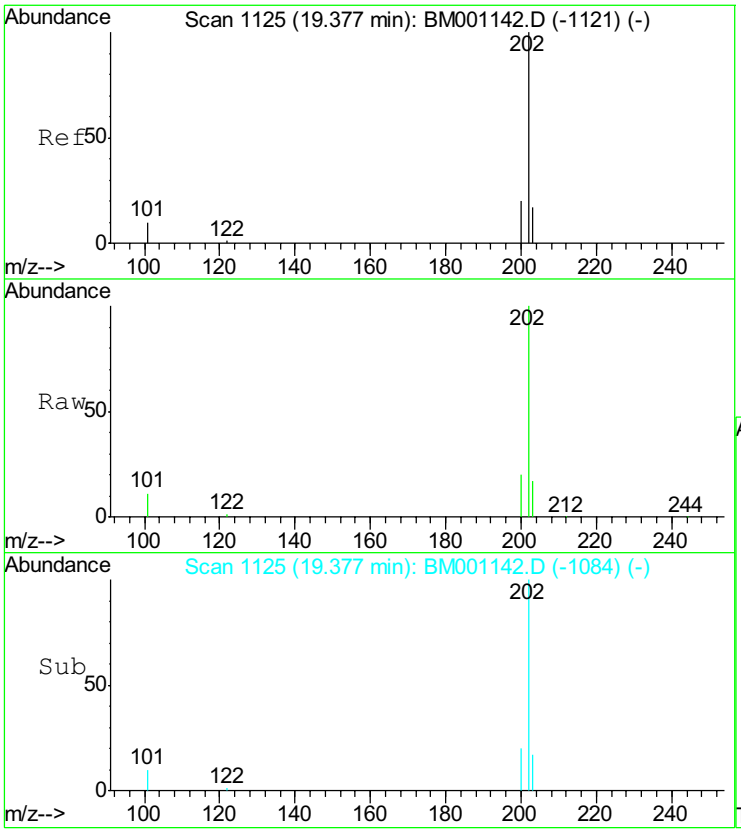


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:240 Resp: 75619

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	28.0	22.4	33.6

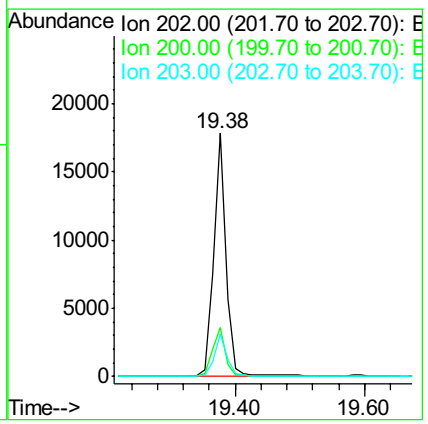




#25
Pyrene
Concen: 0.94 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:202 Resp: 23615

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.2	13.8	20.6



Instrument :
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ClientSampleId :
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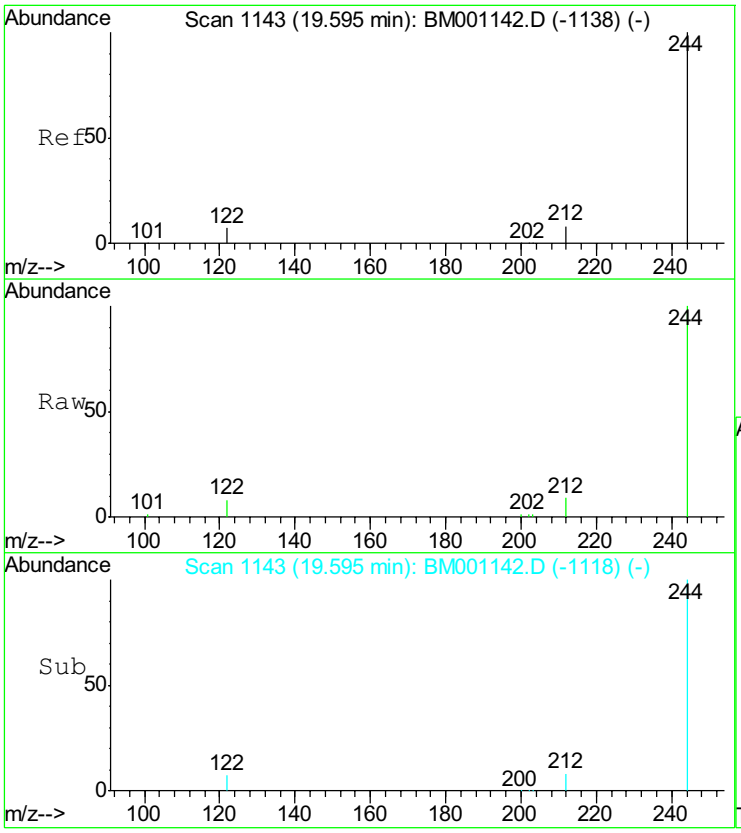
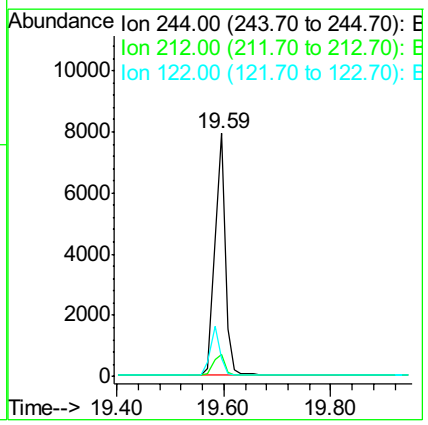
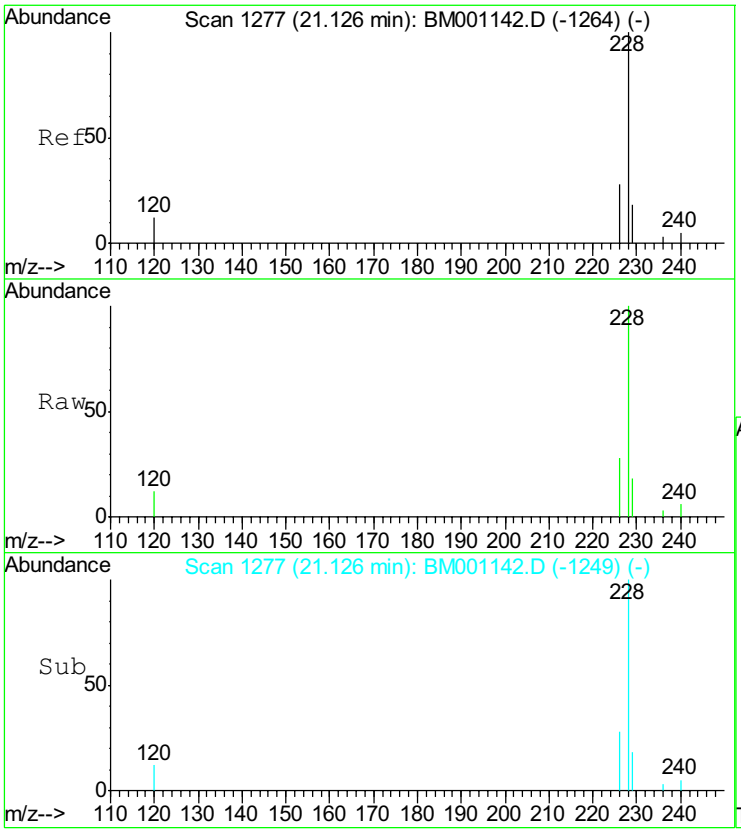


#26
Terphenyl-d14
Concen: 1.03 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:244 Resp: 10595

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.1	10.7
122	7.8	6.2	9.4

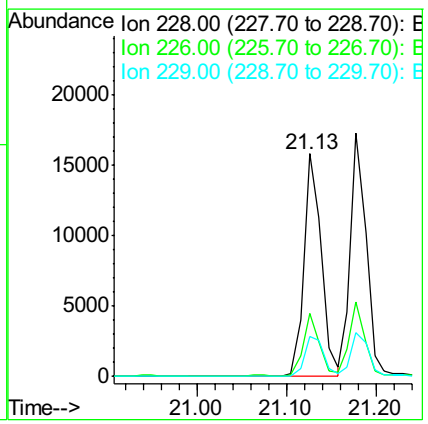




#27
Benzo(a)anthracene
Concen: 0.96 ng
RT: 21.13 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:228 Resp: 21174

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	18.0	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
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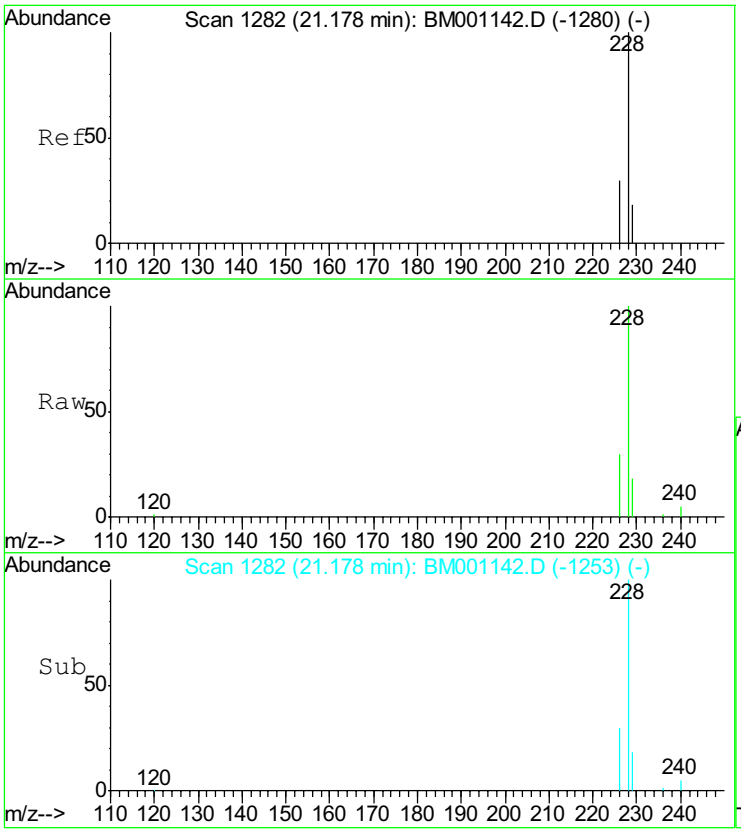
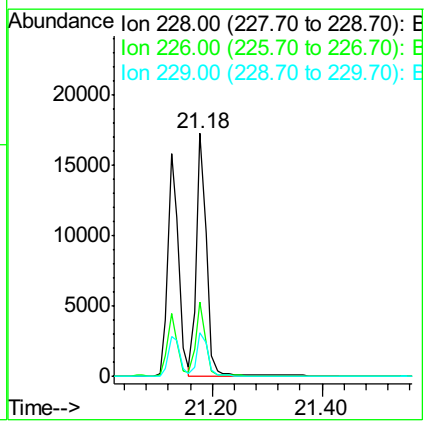
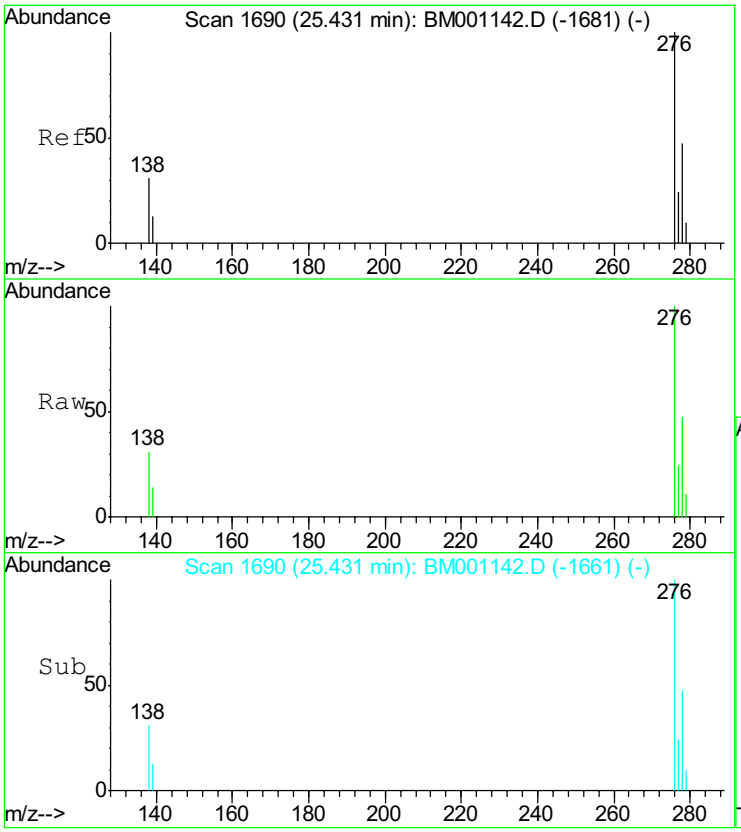


#28
Chrysene
Concen: 0.95 ng
RT: 21.18 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:228 Resp: 21580

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	17.9	14.3	21.5

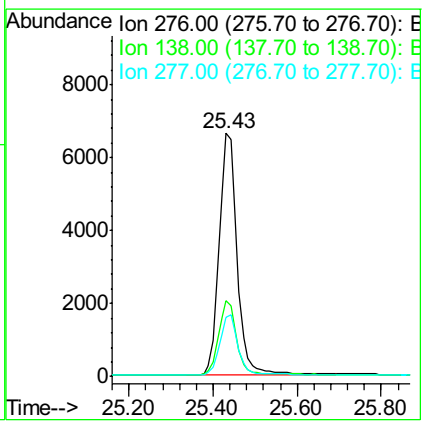




#29
Indeno(1,2,3-cd)pyrene
Concen: 0.87 ng
RT: 25.43 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:276 Resp: 19752

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.2	36.4
277	24.7	19.8	29.6



Instrument :
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ClientSampleId :
SSTDICCC001

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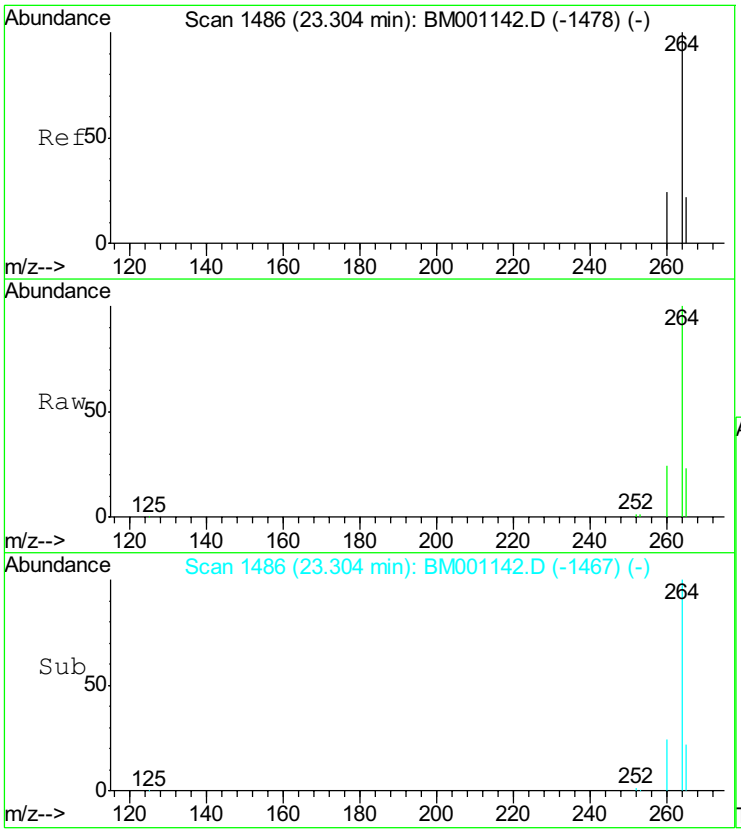
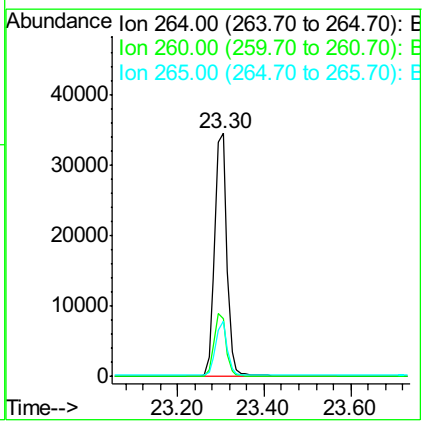
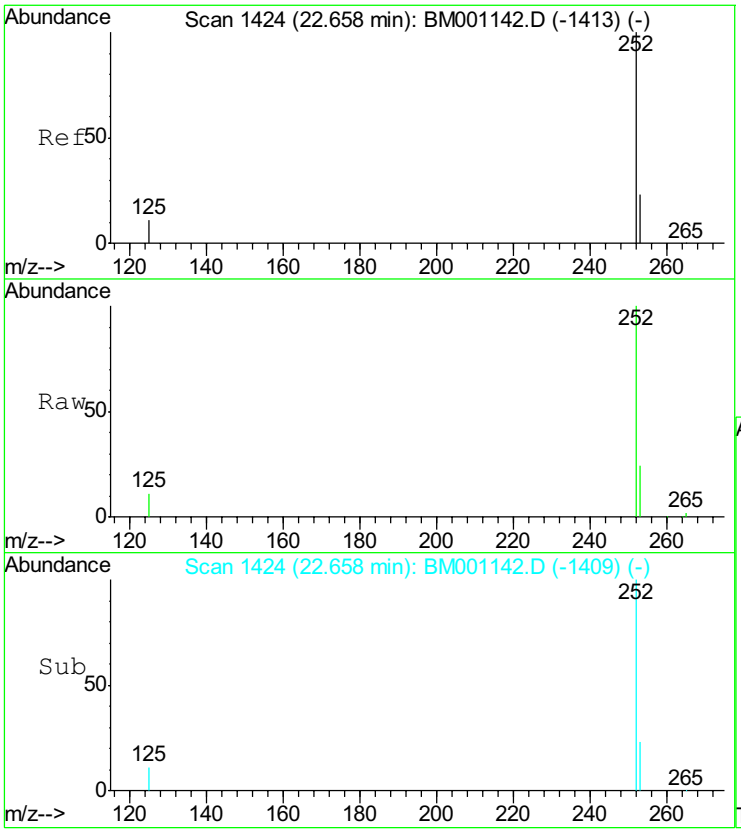


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.30 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:264 Resp: 66124

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.6	18.1	27.1

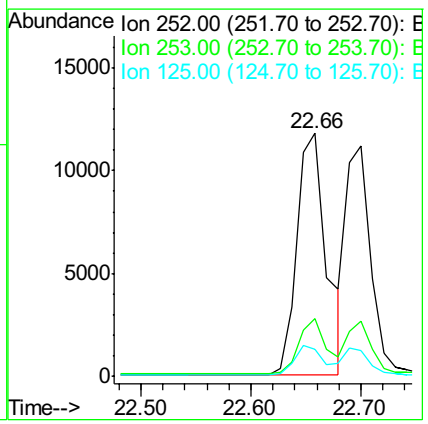




#31
Benzo(b)fluoranthene
Concen: 1.02 ng
RT: 22.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:252 Resp: 21968

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	11.4	9.1	13.7



Instrument :
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ClientSampleId :
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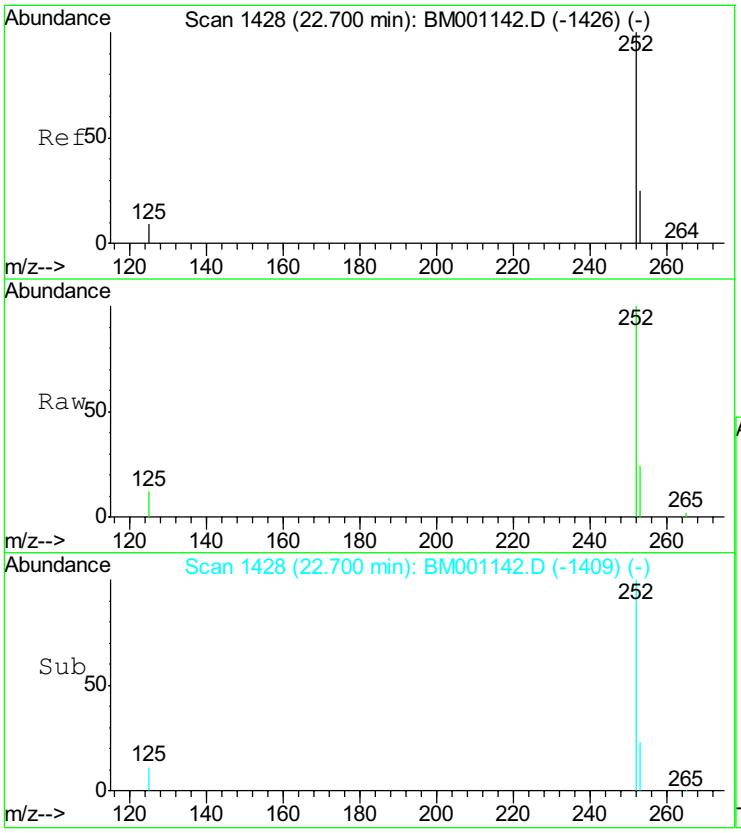
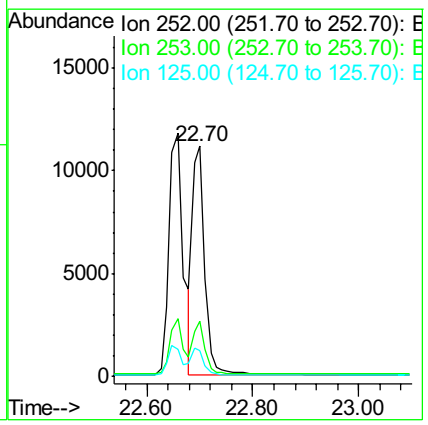
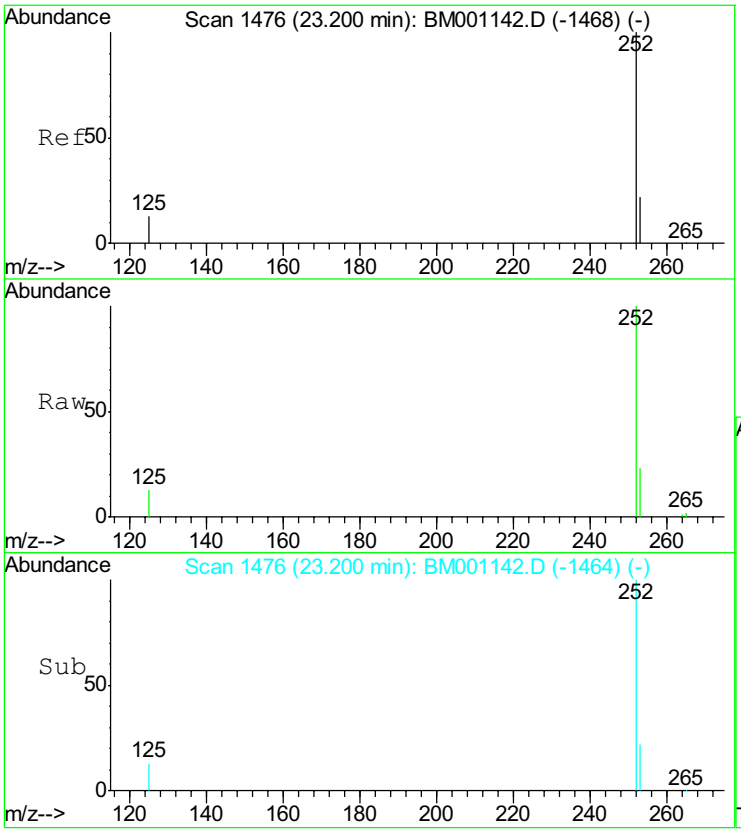


#32
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.70 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:252 Resp: 17905

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	11.6	9.3	13.9

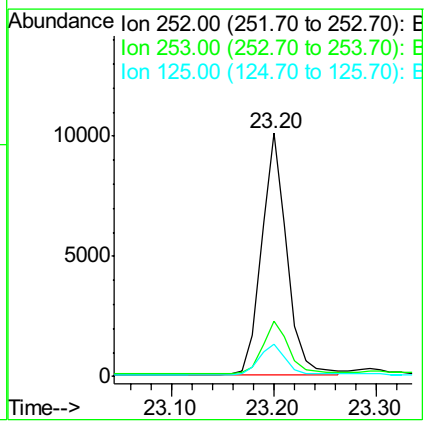




#33
Benzo(a)pyrene
Concen: 0.95 ng
RT: 23.20 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:252 Resp: 17258

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.3	10.6	16.0



Instrument :
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ClientSampleId :
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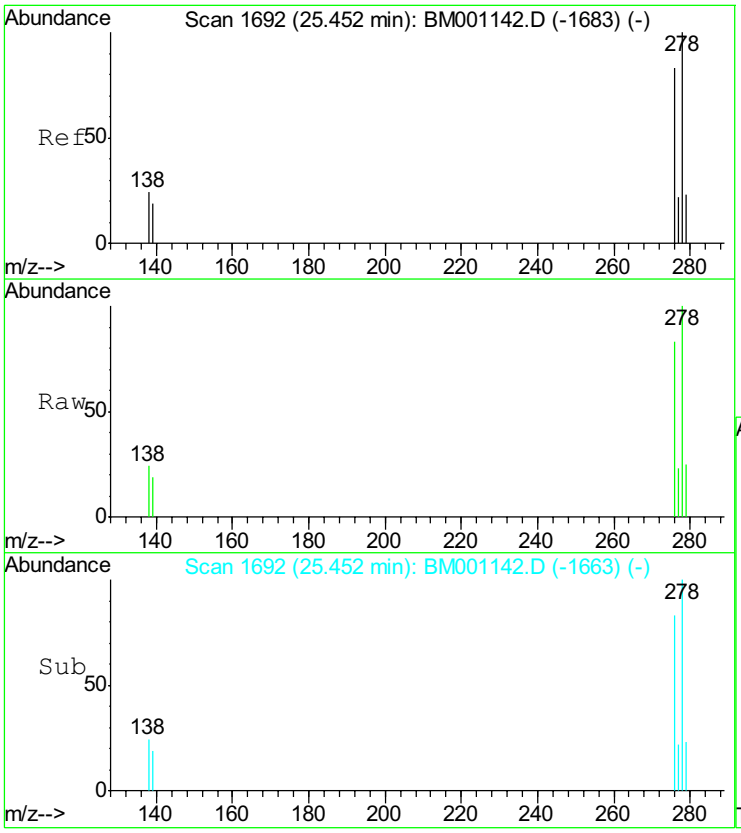
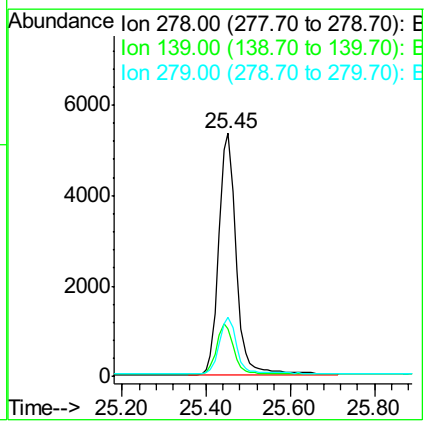
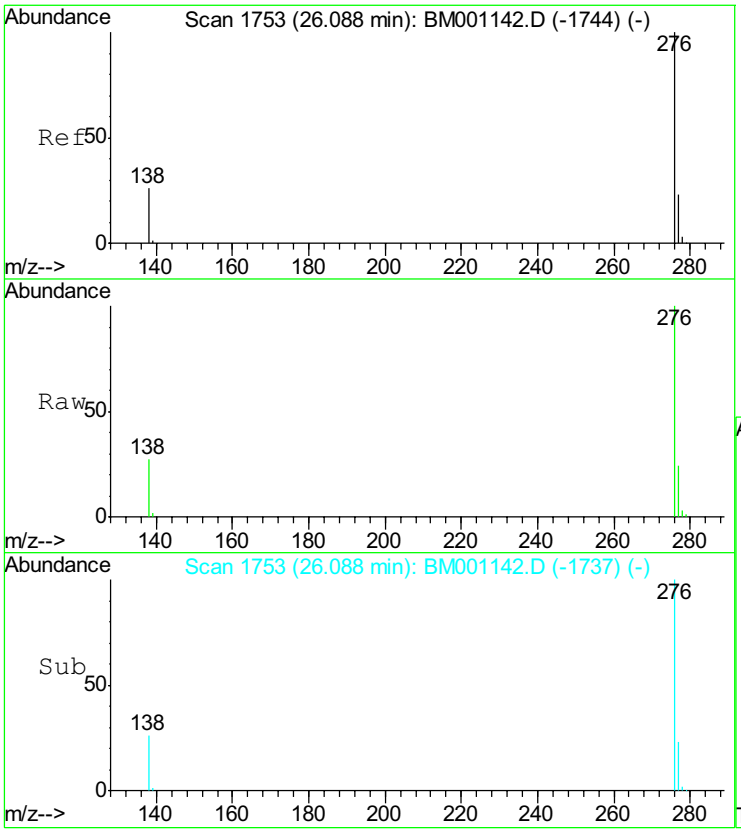


#34
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.45 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:278 Resp: 15320

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.5	23.3
279	24.6	19.7	29.5

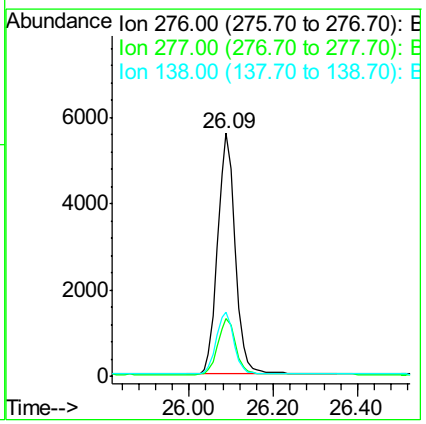




#35
Benzo(g,h,i)perylene
Concen: 0.87 ng
RT: 26.09 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM001142.D
Acq: 01 May 2015 21:56

Tgt Ion:276 Resp: 16242

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	26.6	21.3	31.9



Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

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