Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001144.D
Acq On : 01 May 2015 23:08
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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5/5/2015 8:03:25 AM

Quant Time: May 02 02:12:57 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	7.52	152	15776	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	61063	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	34519	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	83515	5.00	ng		0.00
24) Chrysene-d12	21.15	240	73898	5.00	ng		0.00
30) Perylene-d12	23.29	264	65655	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	1533	0.46	ng		0.00
5) Phenol-d6	6.72	99	1815	0.40	ng		0.02
7) Nitrobenzene-d5	8.69	82	1637	0.49	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	538m	0.32	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	5754	0.50	ng		0.00
26) Terphenyl-d14	19.59	244	5041	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	1163	0.67	ng		90
3) n-Nitrosodimethylamine	3.35	42	1001	0.55	ng	#	93
8) Nitrobenzene	8.73	77	1716	0.37	ng		98
9) Naphthalene	10.36	128	6785	0.47	ng		98
10) Hexachlorobutadiene	10.65	225	1322	0.50	ng		98
11) 2-Methylnaphthalene	11.99	142	4602	0.49	ng		99
15) Acenaphthylene	13.91	152	7259	0.47	ng	#	98
16) Acenaphthene	14.24	154	5064	0.48	ng		99
17) Fluorene	15.24	166	5985	0.48	ng		100
19) Hexachlorobenzene	16.26	284	2143	0.46	ng	#	99
20) Pentachlorophenol	16.61	266	401	0.30	ng		96
21) Phenanthrene	16.98	178	10697	0.48	ng		99
22) Anthracene	17.08	178	8649	0.43	ng		100
23) Fluoranthene	19.01	202	10646	0.46	ng		100
25) Pyrene	19.38	202	11582	0.47	ng		100
27) Benzo(a)anthracene	21.13	228	10329	0.48	ng		97
28) Chrysene	21.18	228	10267	0.46	ng		97
29) Indeno(1,2,3-cd)pyrene	25.43	276	9818	0.44	ng		100
31) Benzo(b)fluoranthene	22.65	252	9631	0.45	ng		96
32) Benzo(k)fluoranthene	22.69	252	9692	0.48	ng		97
33) Benzo(a)pyrene	23.20	252	8389	0.46	ng		96
34) Dibenzo(a,h)anthracene	25.45	278	7609	0.44	ng		98
35) Benzo(g,h,i)perylene	26.09	276	8155	0.44	ng		99

(#) = 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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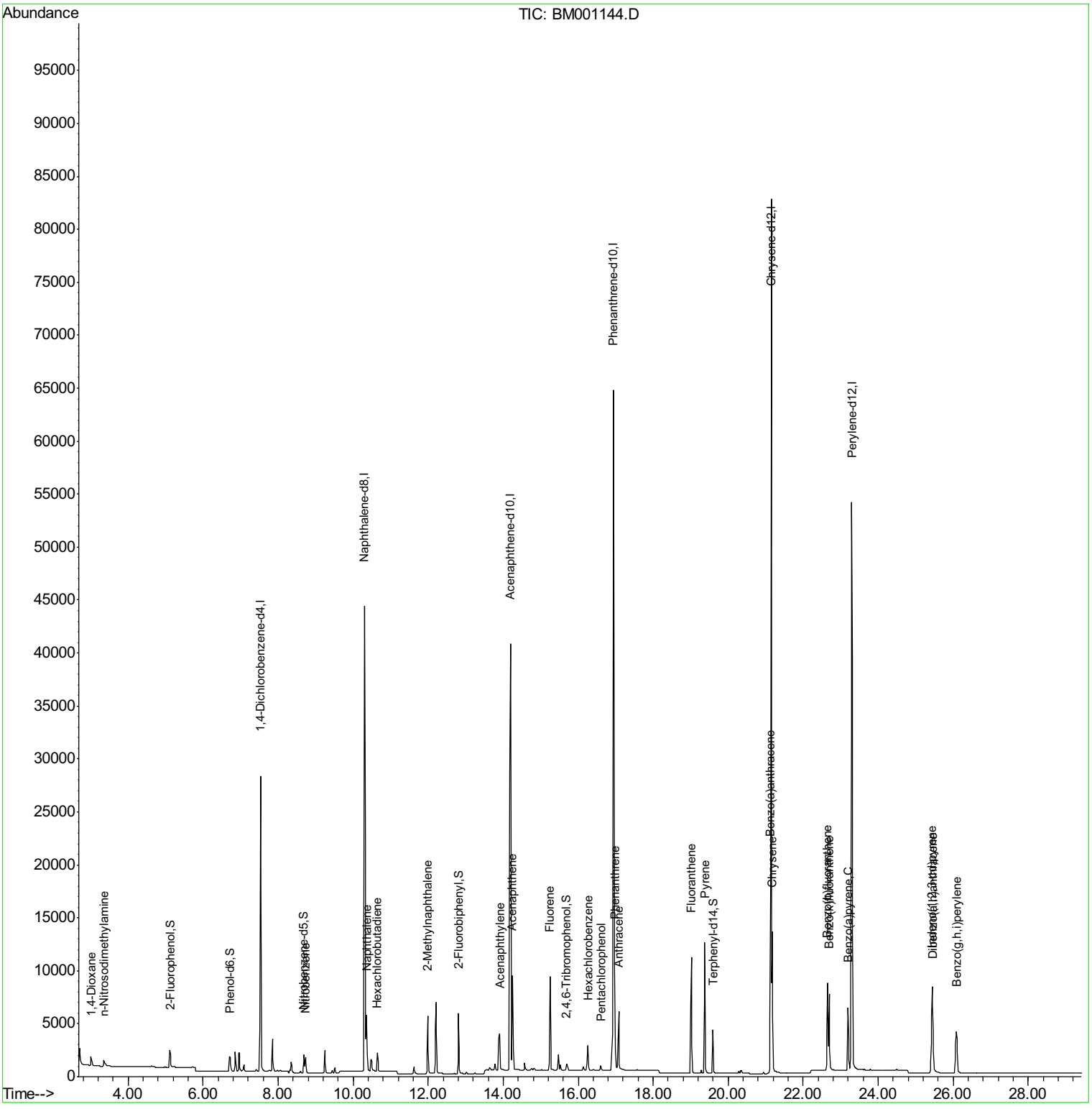
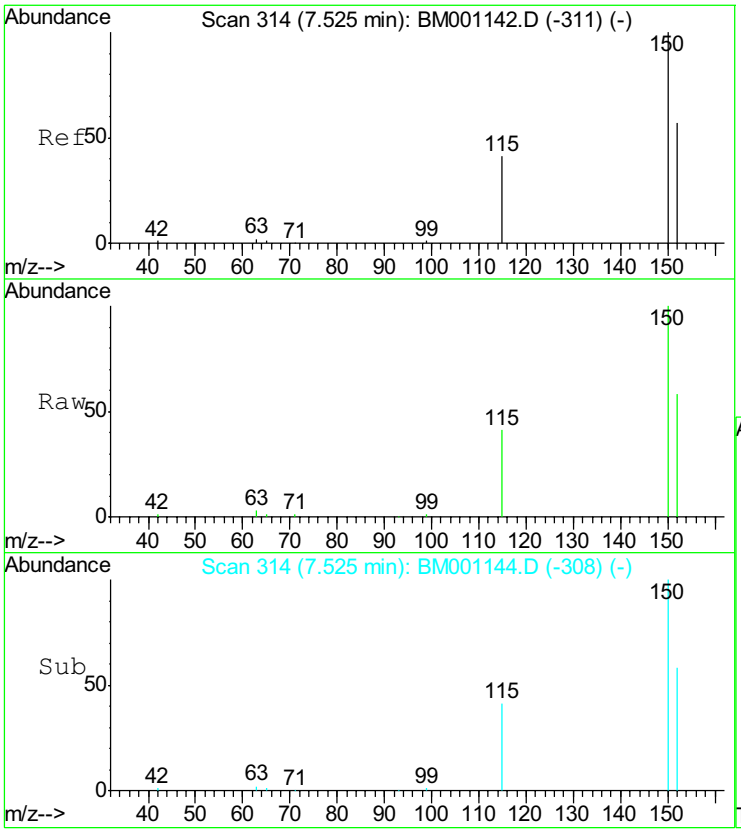
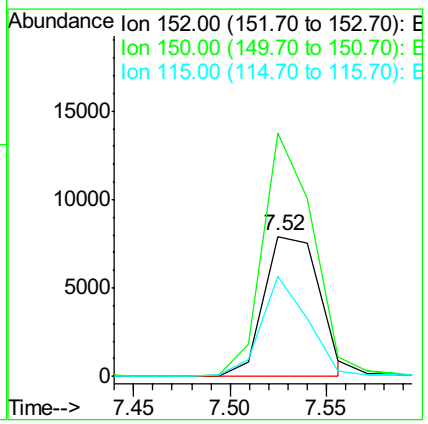




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:152 Resp: 15776

Ion	Ratio	Lower	Upper
152	100		
150	173.5	140.1	210.1
115	71.3	57.8	86.6



Instrument :
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SSTDICC0.5

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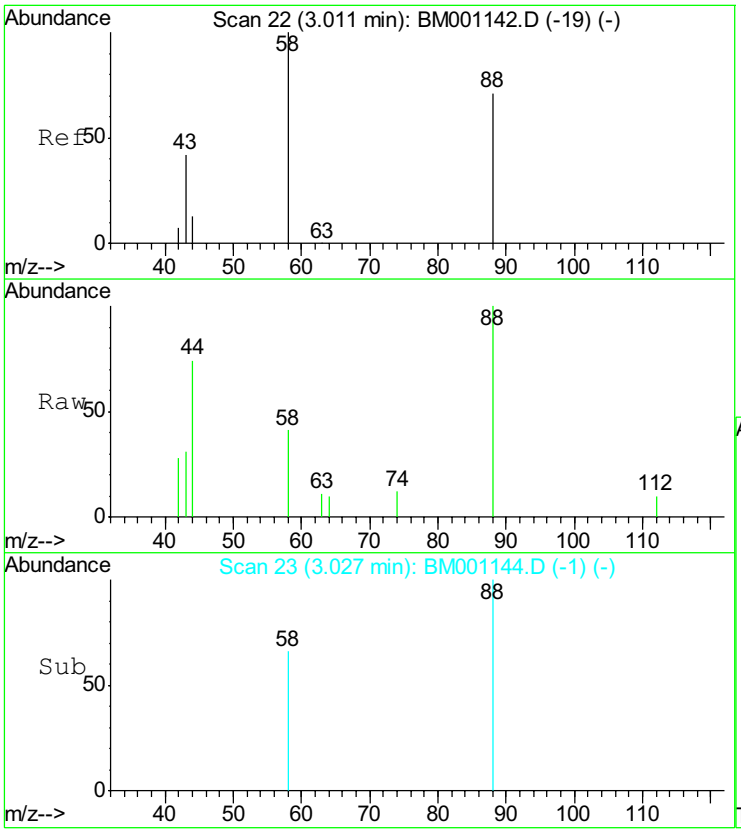
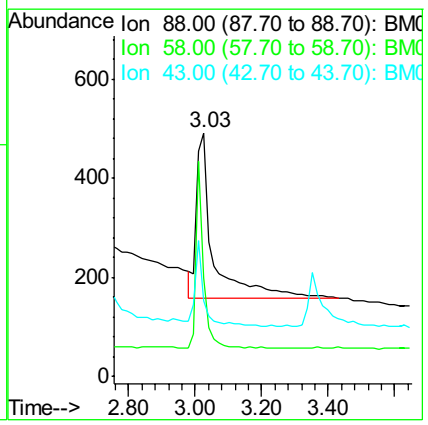
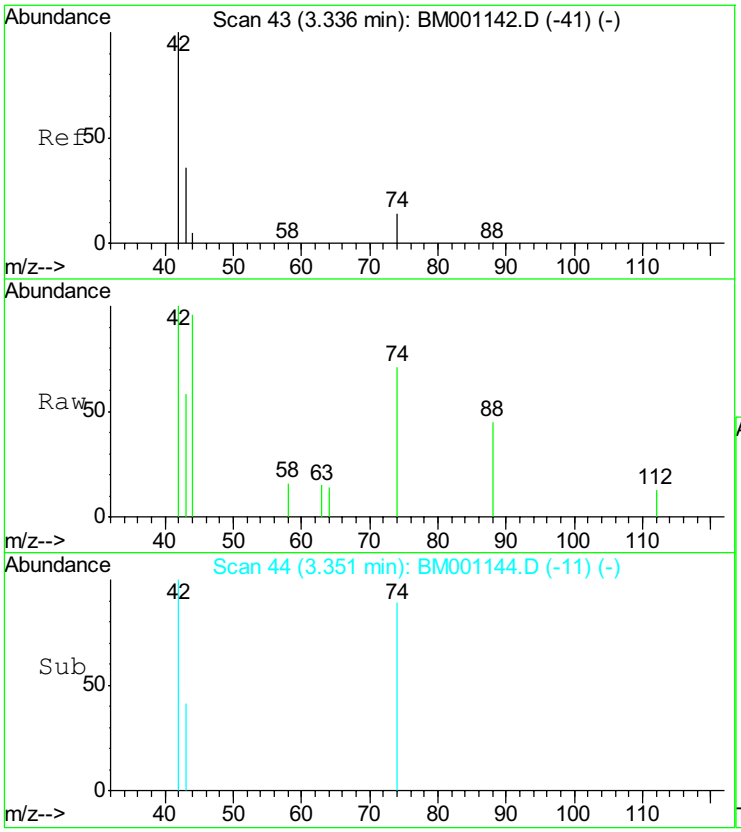


#2
1,4-Dioxane
Concen: 0.67 ng
RT: 3.03 min Scan# 23
Delta R.T. 0.02 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 88 Resp: 1163

Ion	Ratio	Lower	Upper
88	100		
58	51.1	48.2	72.2
43	27.3	24.8	37.2

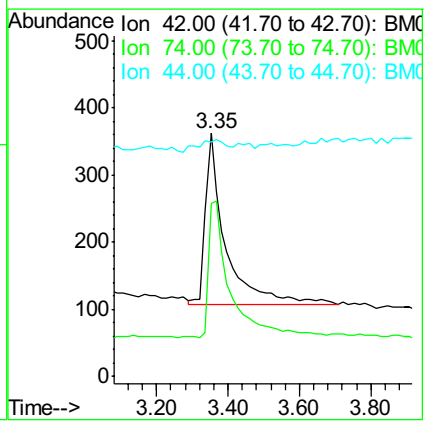




#3
n-Nitrosodimethylamine
Concen: 0.55 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.02 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 42 Resp: 1001

Ion	Ratio	Lower	Upper
42	100		
74	83.9	72.0	108.0
44	10.0	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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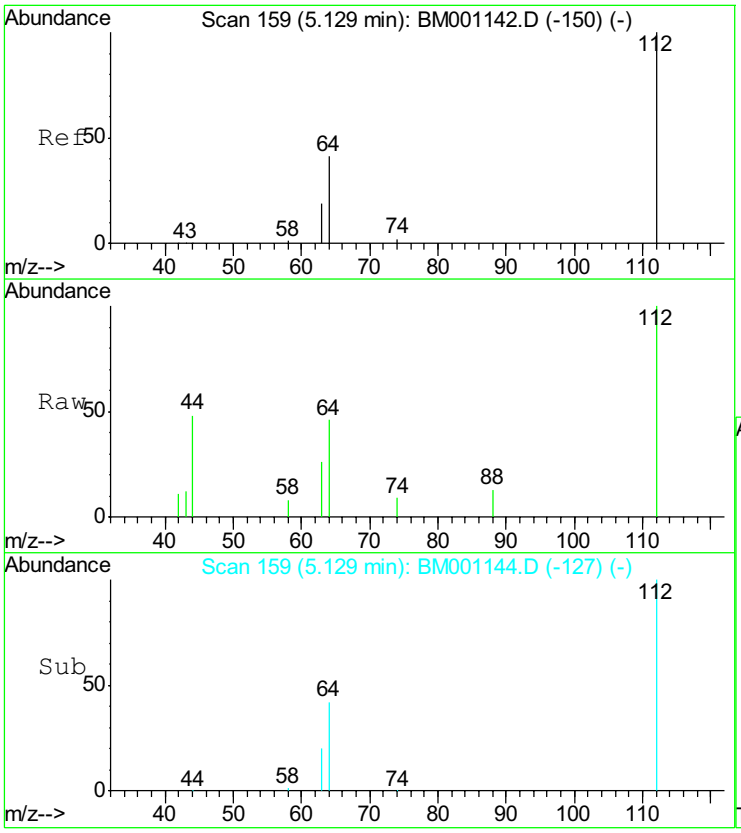
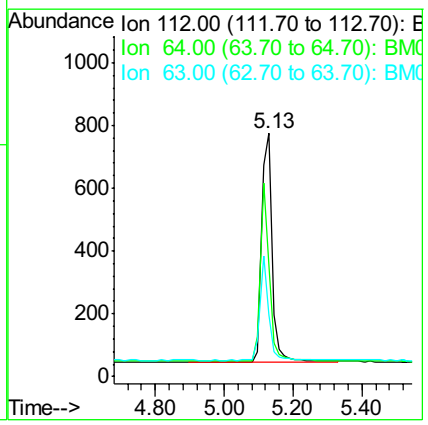
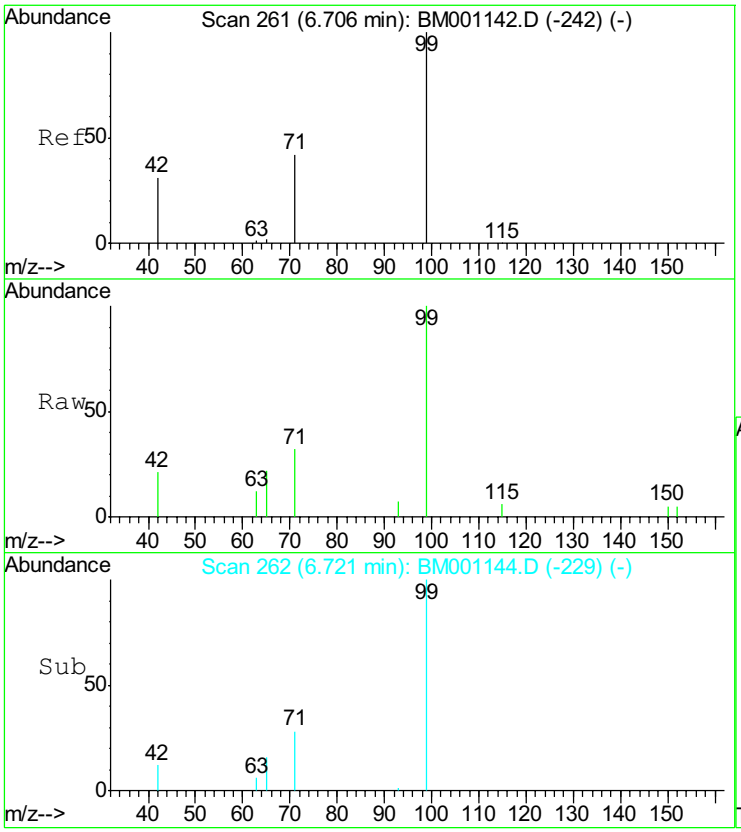


#4
2-Fluorophenol
Concen: 0.46 ng/uL
RT: 5.13 min Scan# 159
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:112 Resp: 1533

Ion	Ratio	Lower	Upper
112	100		
64	65.3	52.6	79.0
63	37.0	29.5	44.3

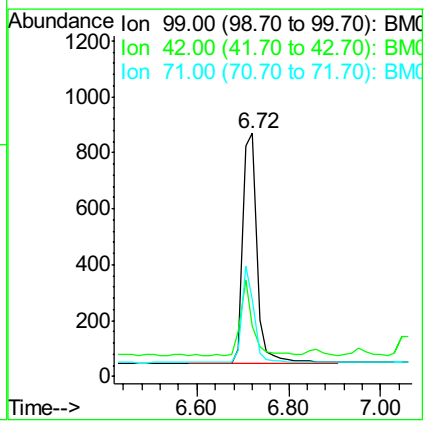




#5
Phenol-d6
Concen: 0.40 ng/uL
RT: 6.72 min Scan# 262
Delta R.T. 0.02 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 99 Resp: 1815

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.9	31.3
71	35.4	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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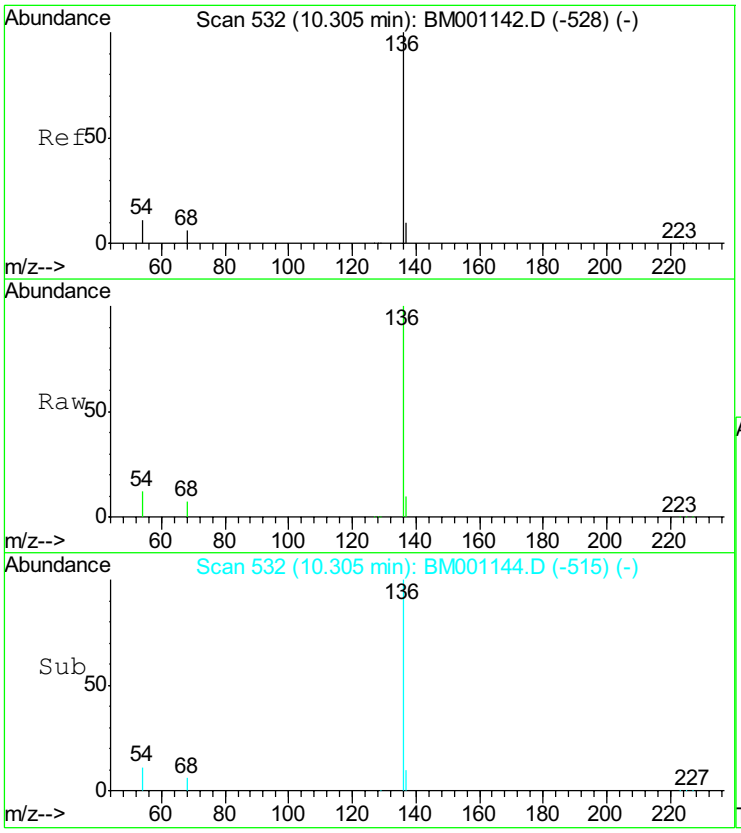
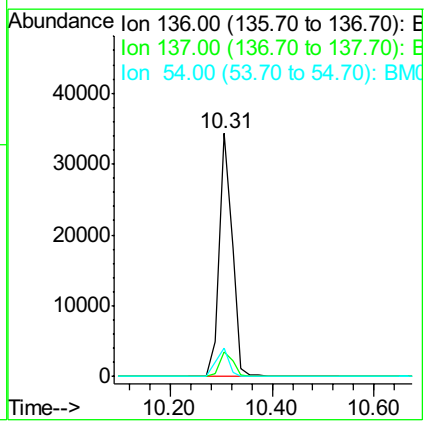
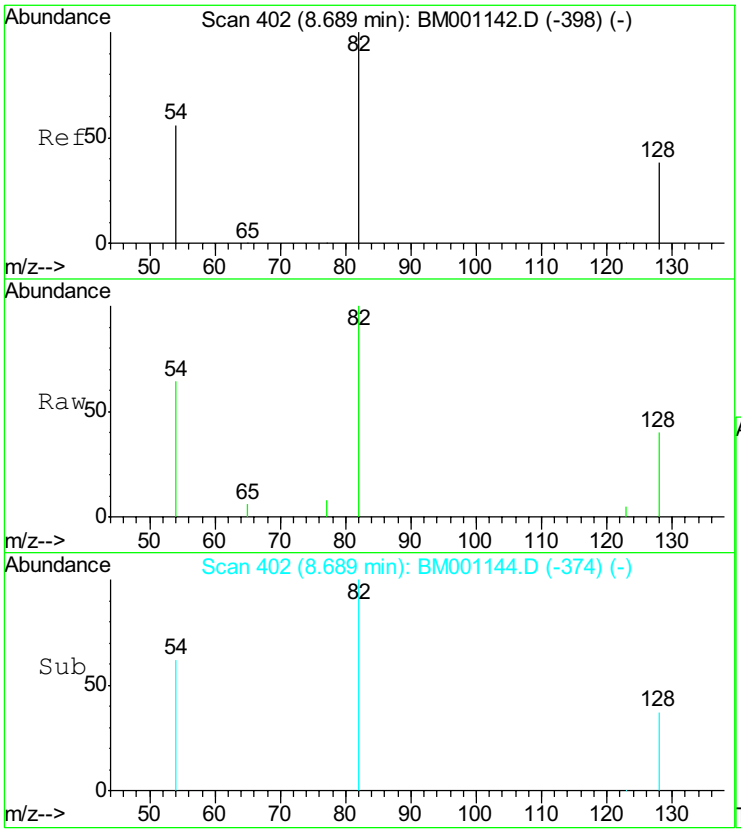


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:136 Resp: 61063

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.6	9.0	13.4

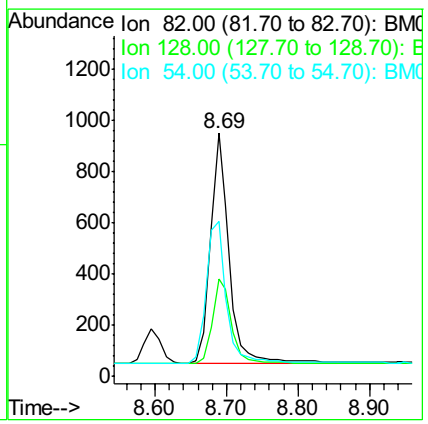




#7
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 82 Resp: 1637

Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.9	47.9
54	64.1	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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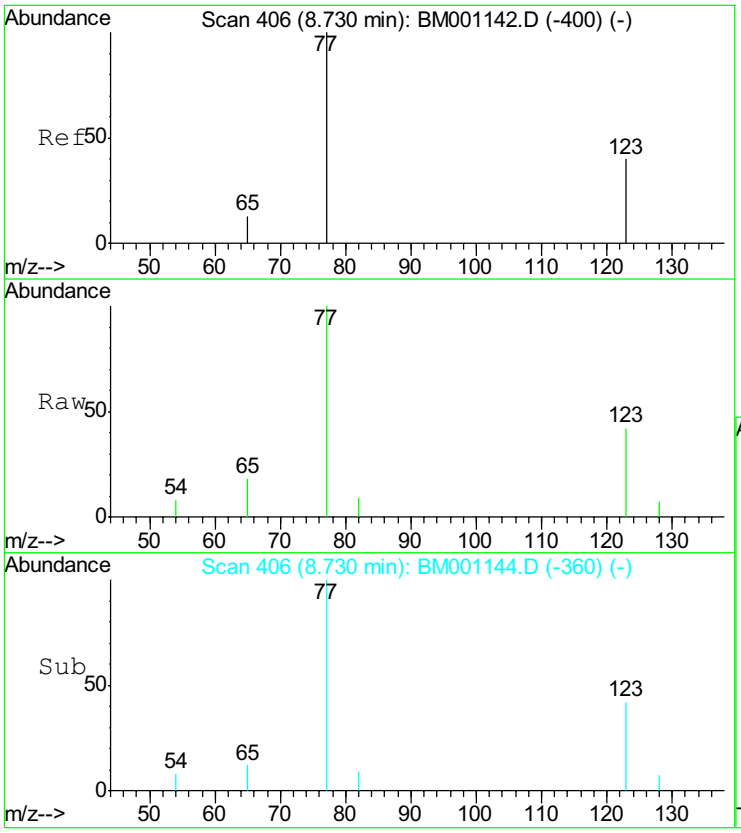
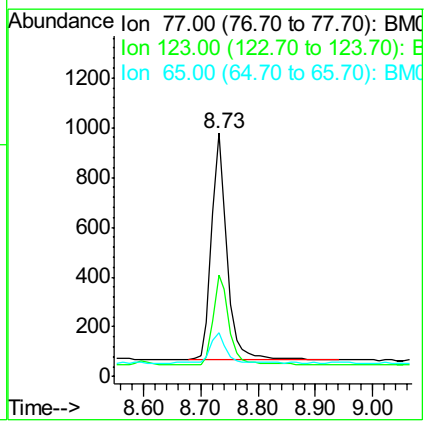
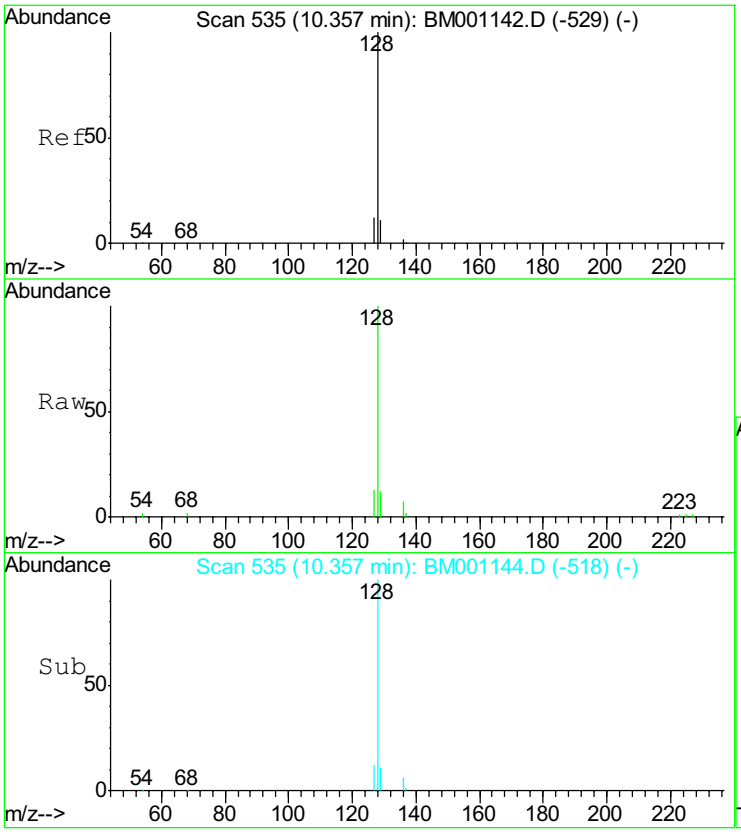


#8
Nitrobenzene
Concen: 0.37 ng/uL
RT: 8.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 77 Resp: 1716

Ion	Ratio	Lower	Upper
77	100		
123	40.3	31.0	46.6
65	13.9	10.6	15.8

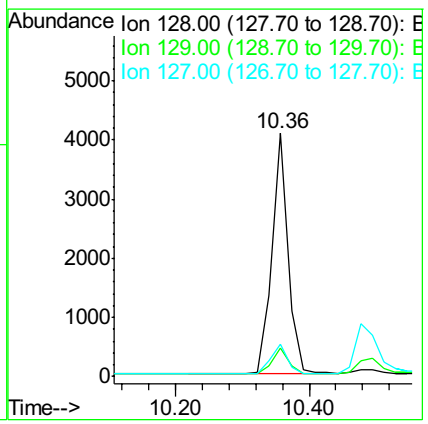




#9
Naphthalene
Concen: 0.47 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:128 Resp: 6785

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.5	10.0	15.0



Instrument :
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ClientSampleId :
SSTDICC0.5

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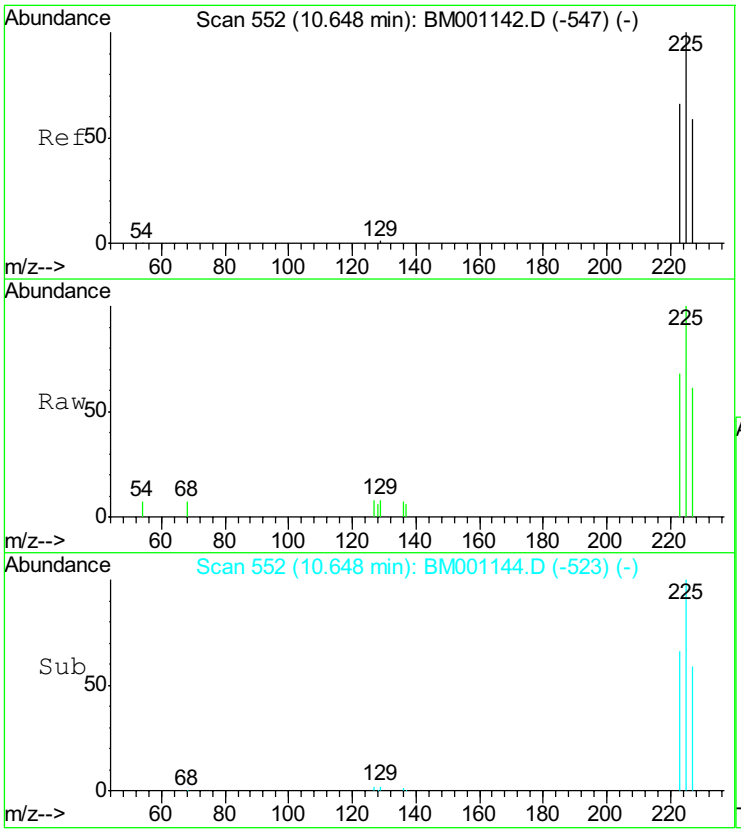
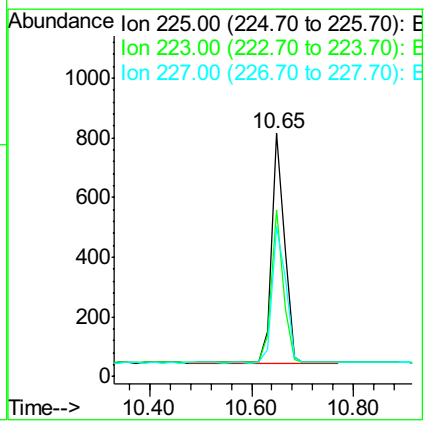
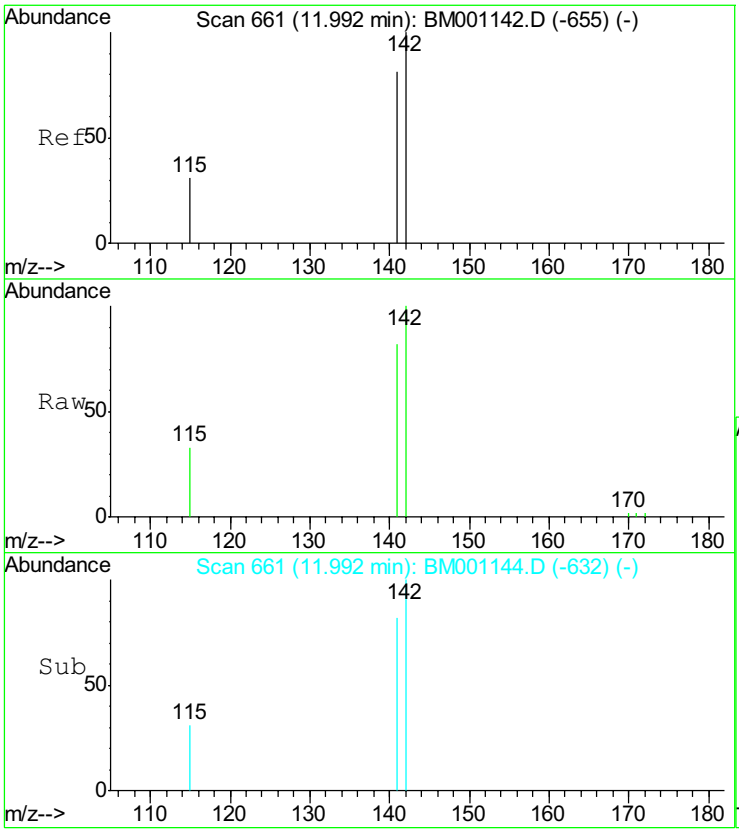


#10
Hexachlorobutadiene
Concen: 0.50 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:225 Resp: 1322

Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.8	76.2
227	63.2	51.0	76.4

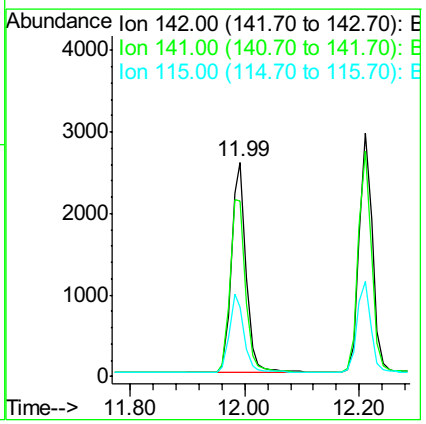




#11
2-Methylnaphthalene
Concen: 0.49 ng
RT: 11.99 min Scan# 661
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:142 Resp: 4602

Ion	Ratio	Lower	Upper
142	100		
141	81.6	65.1	97.7
115	32.6	25.1	37.7



Instrument :
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ClientSampleId :
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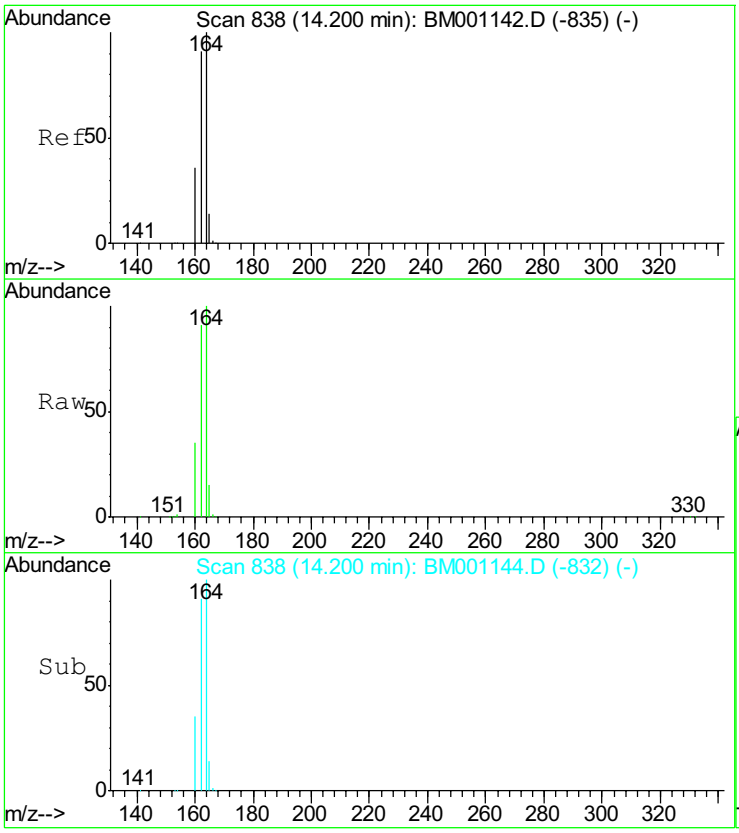
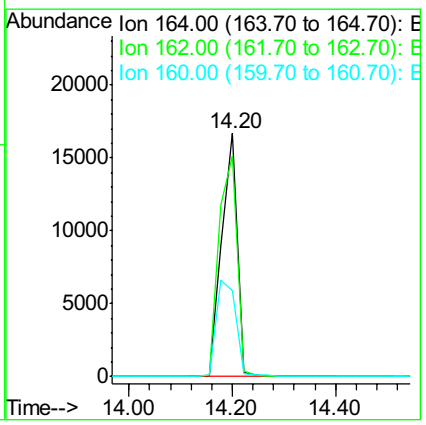
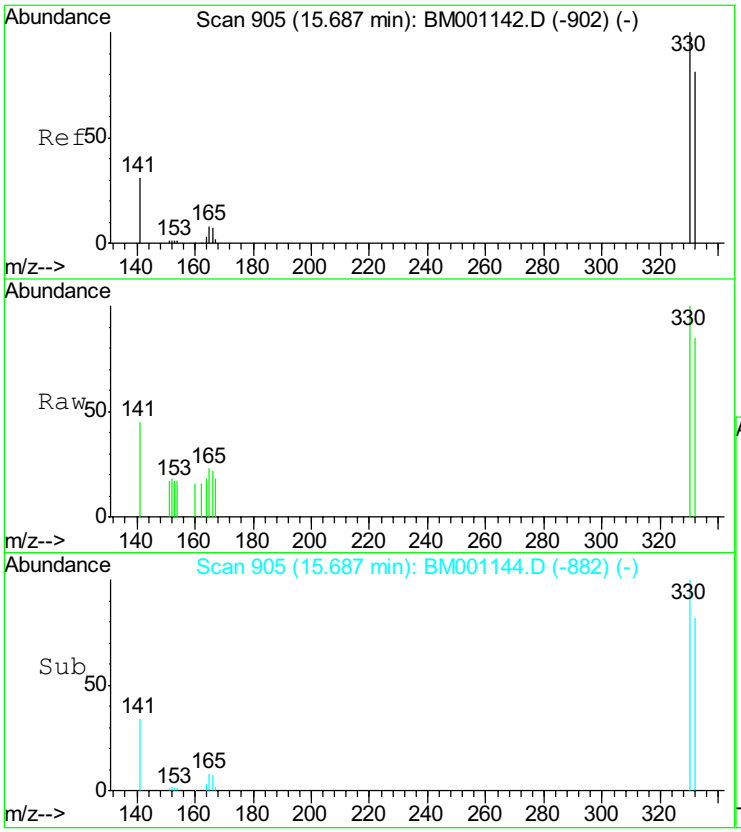


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:164 Resp: 34519

Ion	Ratio	Lower	Upper
164	100		
162	90.7	72.7	109.1
160	35.4	28.7	43.1





#13
2,4,6-Tribromophenol
Concen: 0.32 ng/uL m
RT: 15.69 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:330 Resp: 538

Ion	Ratio	Lower	Upper
330	100		
332	221.2	74.5	111.7#
141	42.4	21.0	31.4#

Instrument :
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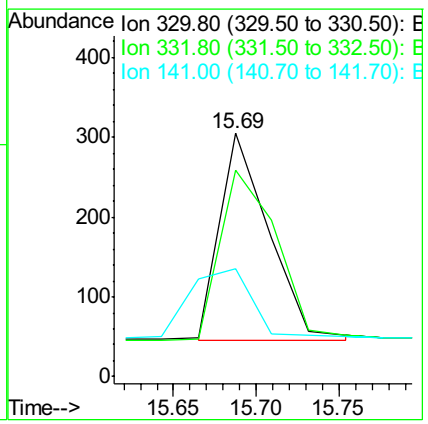
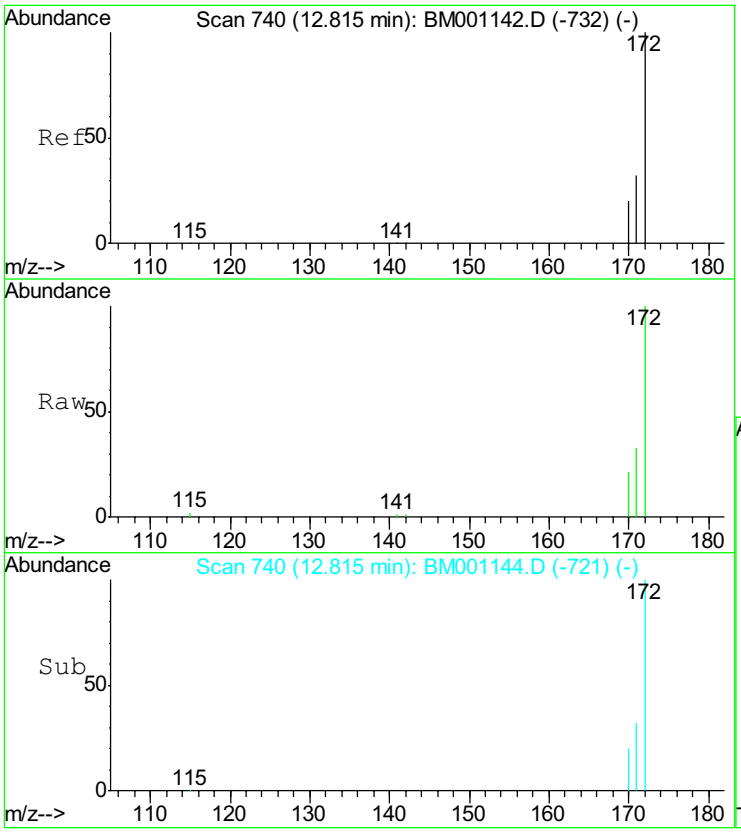
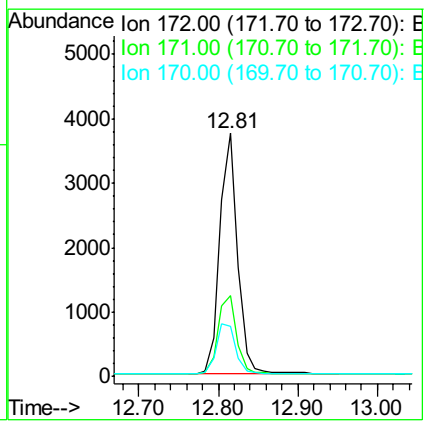


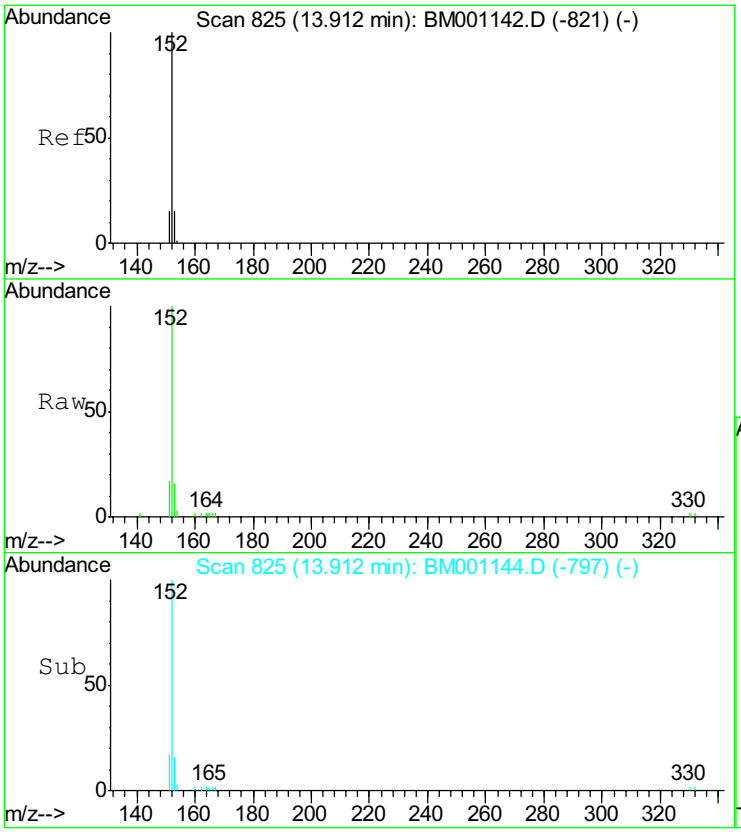


#14
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.81 min Scan# 740
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:172 Resp: 5754

Ion	Ratio	Lower	Upper
172	100		
171	33.1	25.8	38.6
170	20.9	16.1	24.1

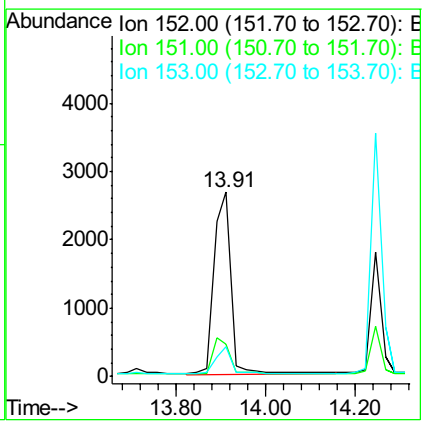




#15
Acenaphthylene
Concen: 0.47 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:152 Resp: 7259

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.3	10.3	15.5



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ClientSampleId :
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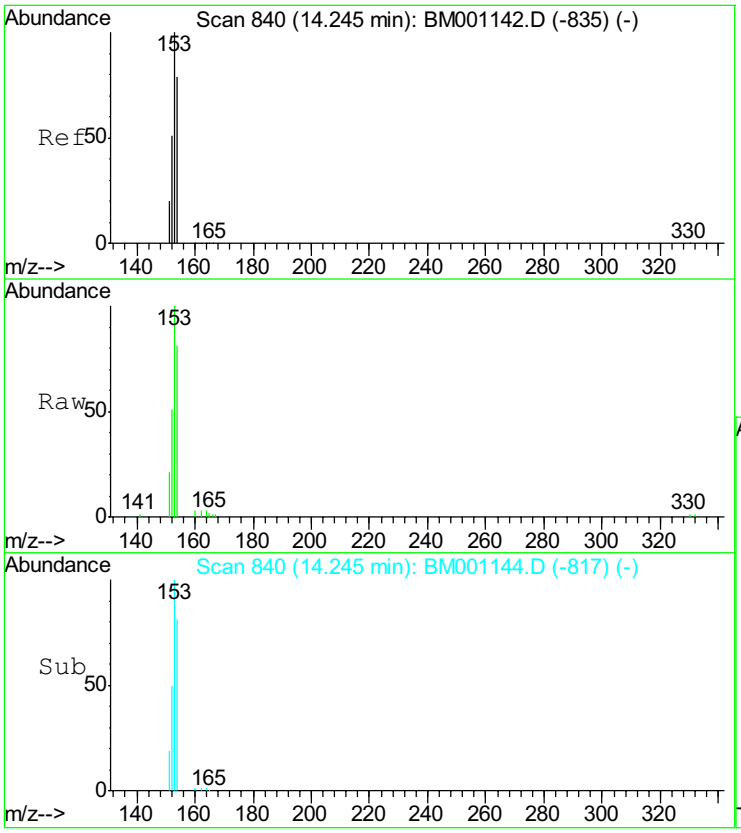
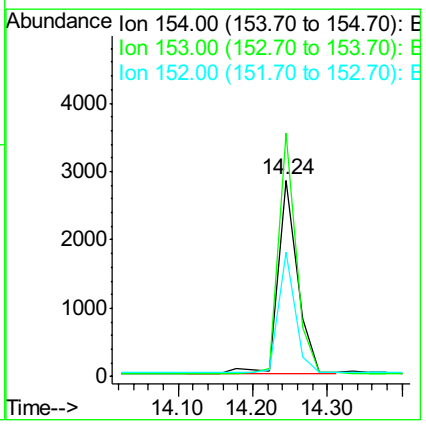
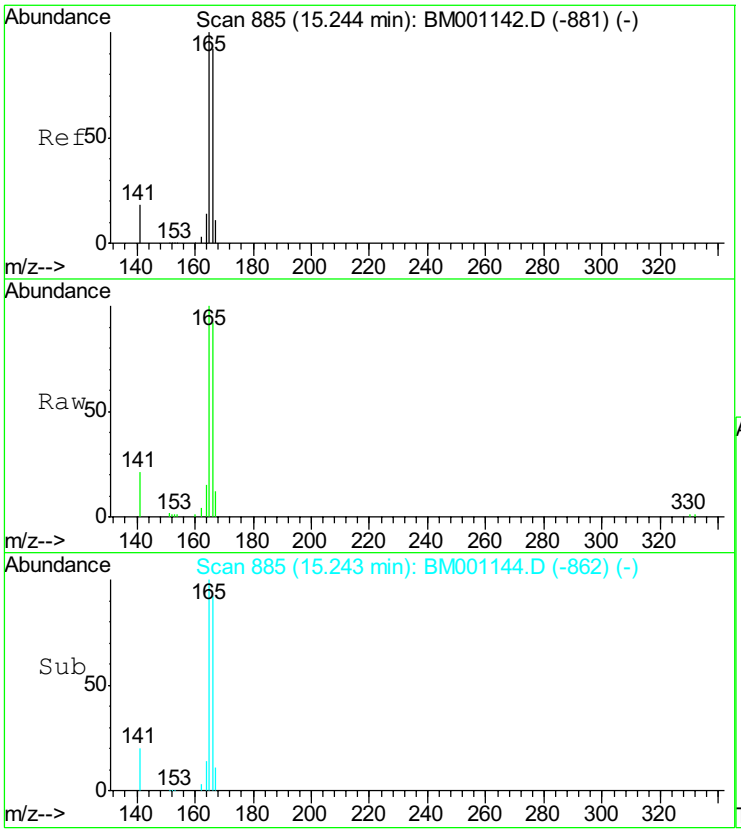


#16
Acenaphthene
Concen: 0.48 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:154 Resp: 5064

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	55.6	45.0	67.4

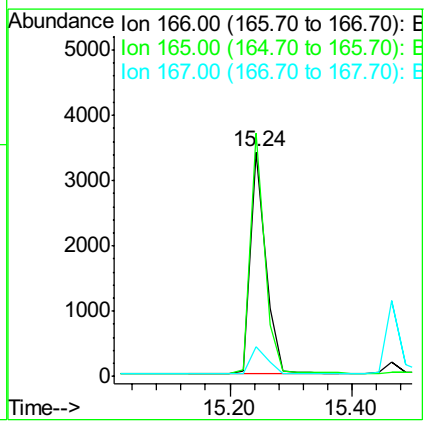




#17
Fluorene
Concen: 0.48 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:166 Resp: 5985

Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.0	121.6
167	12.9	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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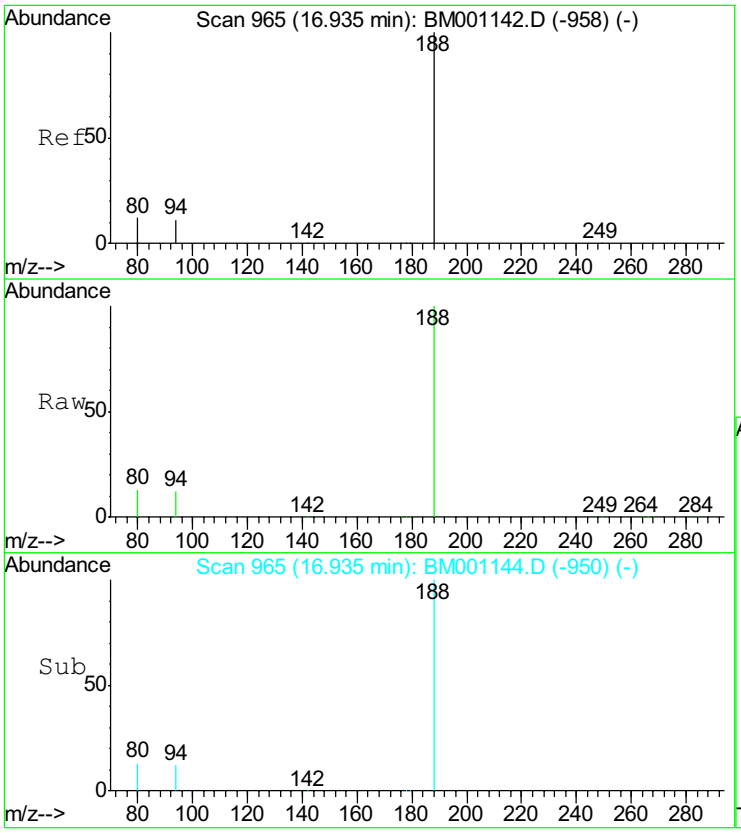
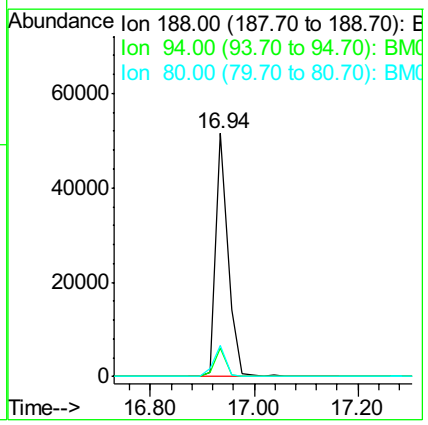
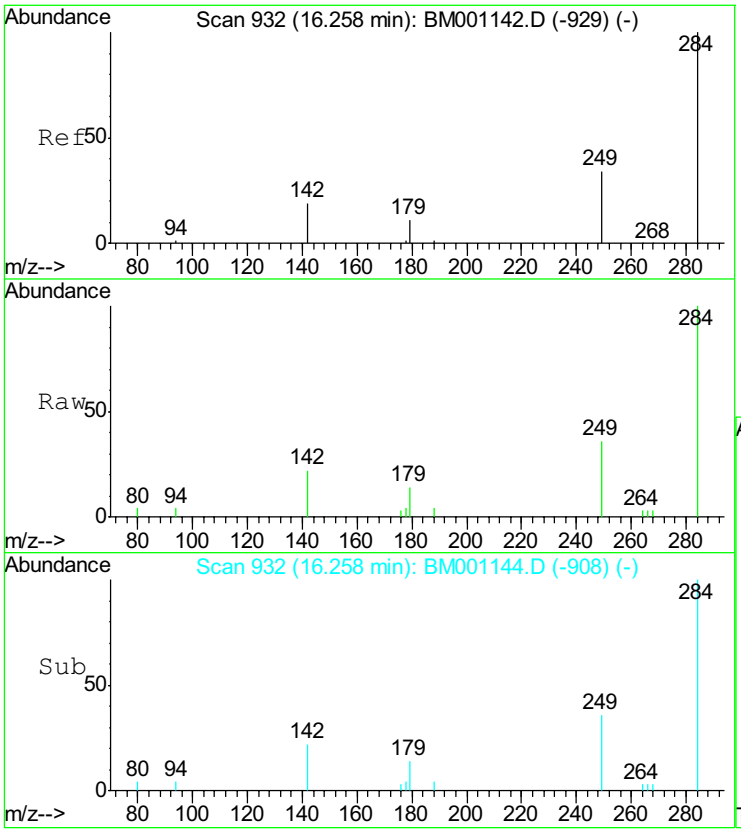


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:188 Resp: 83515

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.3	13.9
80	12.6	9.8	14.6

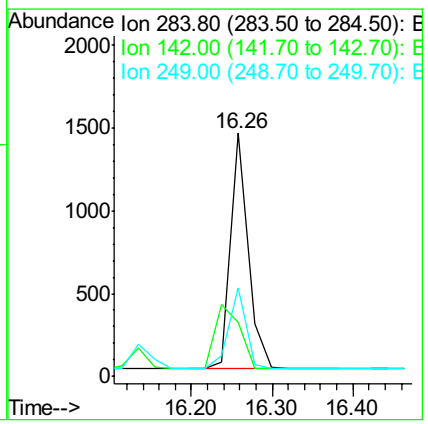




#19
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:284 Resp: 2143

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	33.8	26.5	39.7



Instrument :
BNA_M
ClientSampleId :
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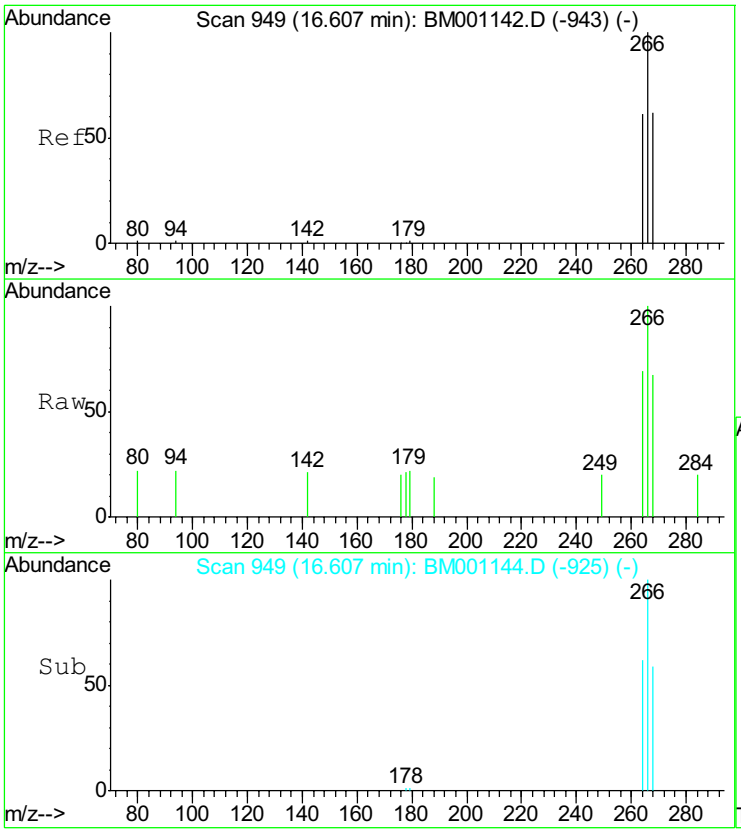
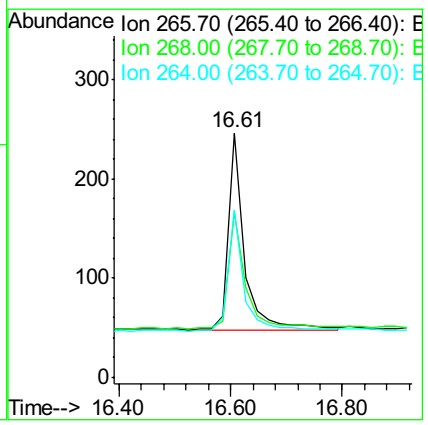
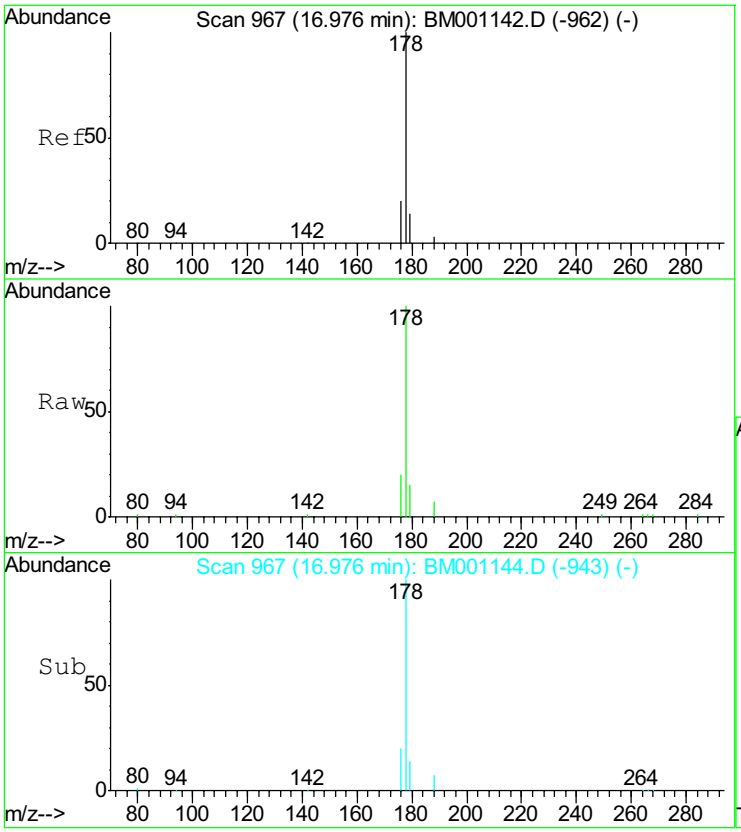


#20
Pentachlorophenol
Concen: 0.30 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:266 Resp: 401

Ion	Ratio	Lower	Upper
266	100		
268	67.5	52.6	79.0
264	68.7	51.0	76.4

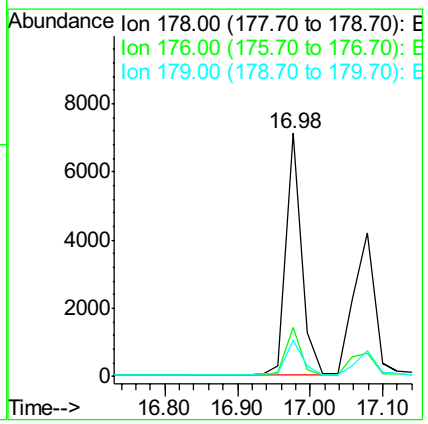




#21
Phenanthrene
Concen: 0.48 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:178 Resp: 10697

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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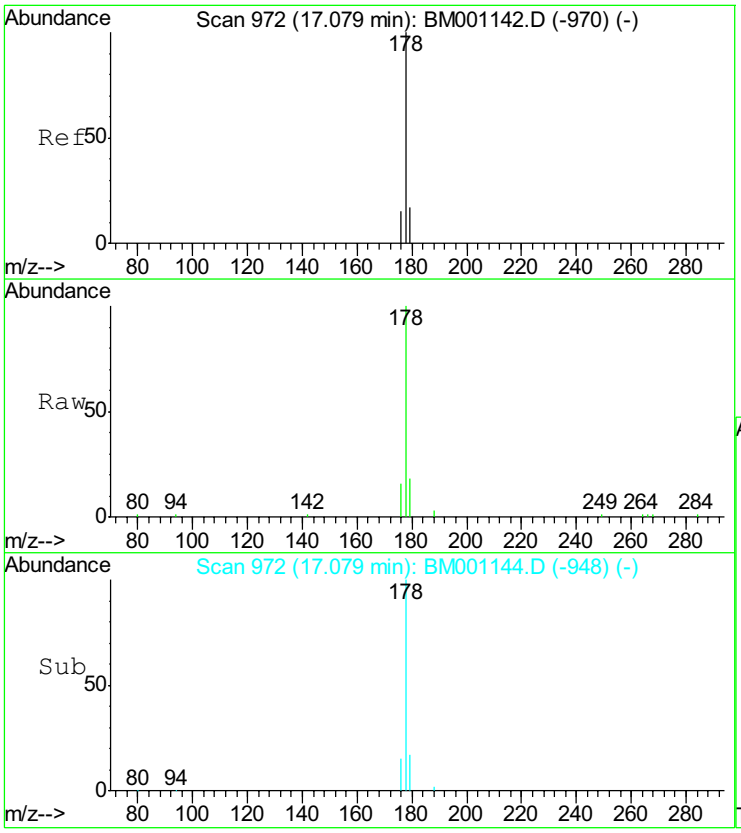
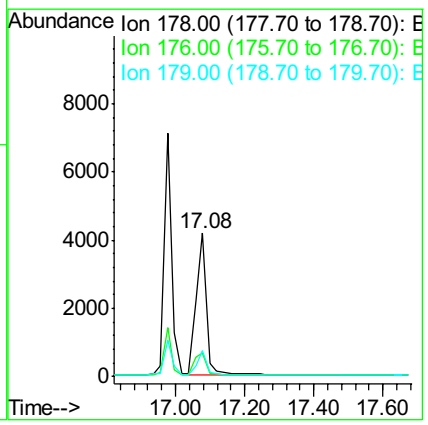
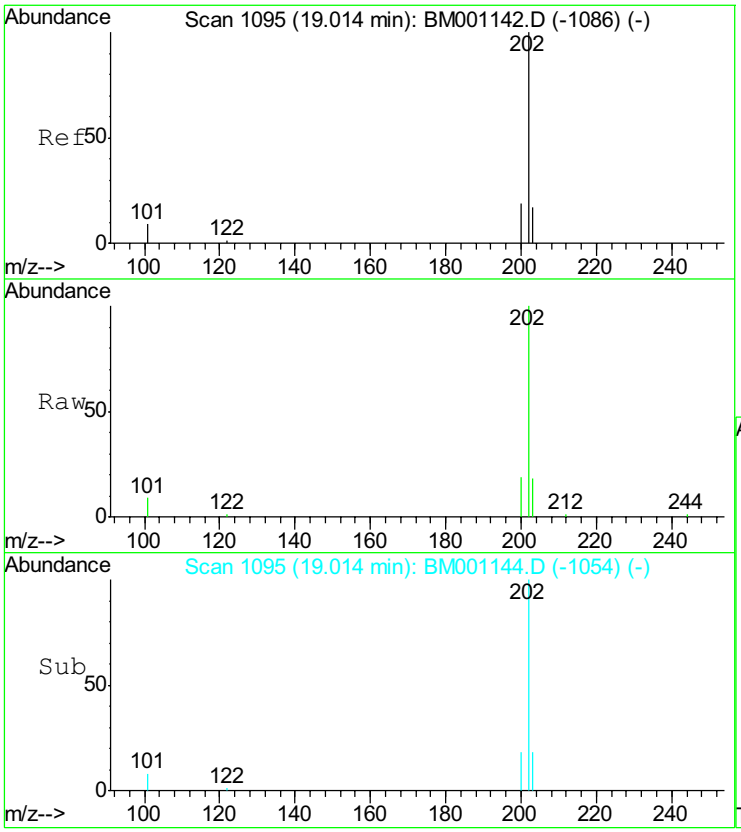


#22
Anthracene
Concen: 0.43 ng
RT: 17.08 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:178 Resp: 8649

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.4	12.2	18.2

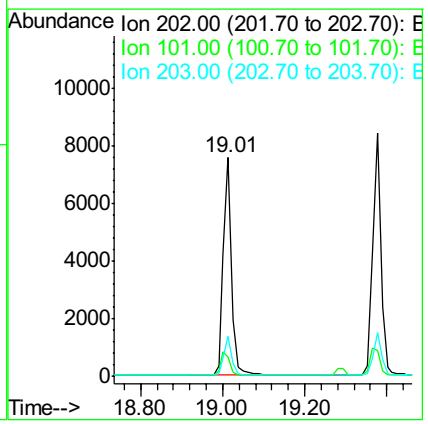




#23
Fluoranthene
Concen: 0.46 ng
RT: 19.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:202 Resp: 10646

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.3	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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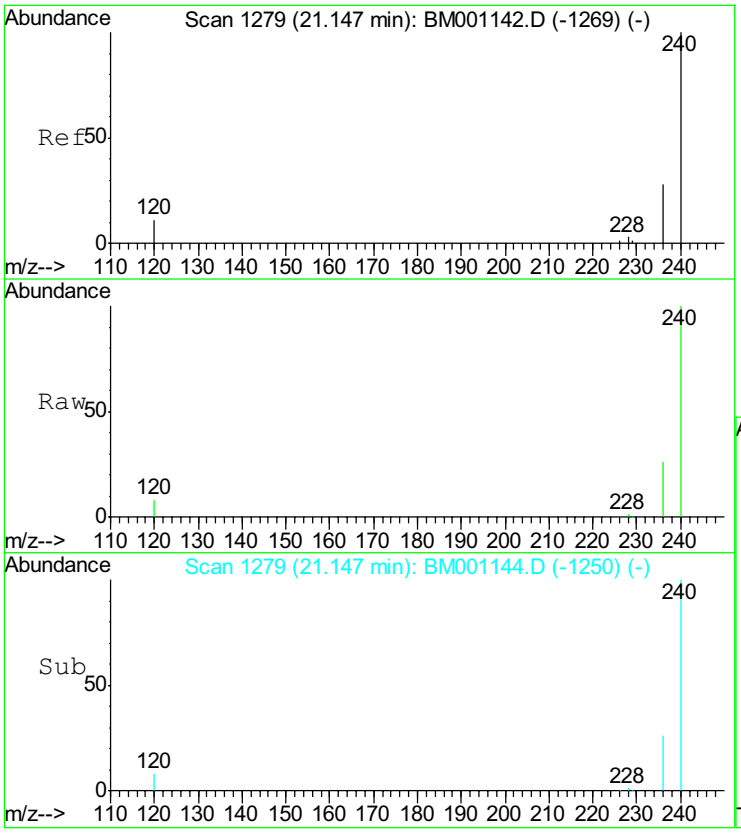
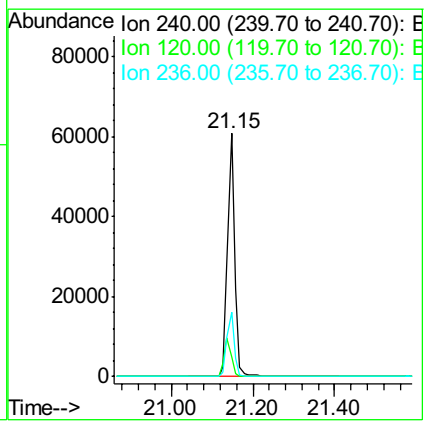
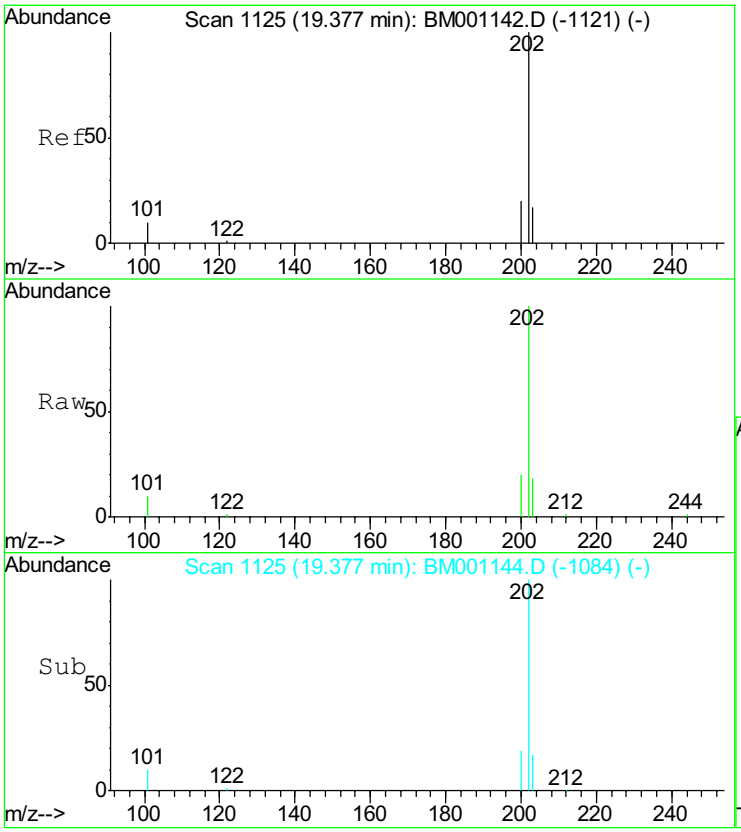


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:240 Resp: 73898

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.2	13.8#
236	26.3	22.4	33.6

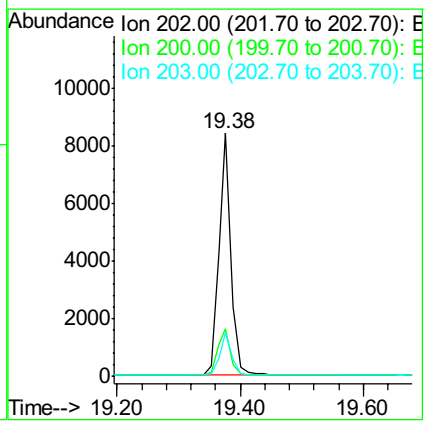




#25
Pyrene
Concen: 0.47 ng
RT: 19.38 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:202 Resp: 11582

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.4	13.8	20.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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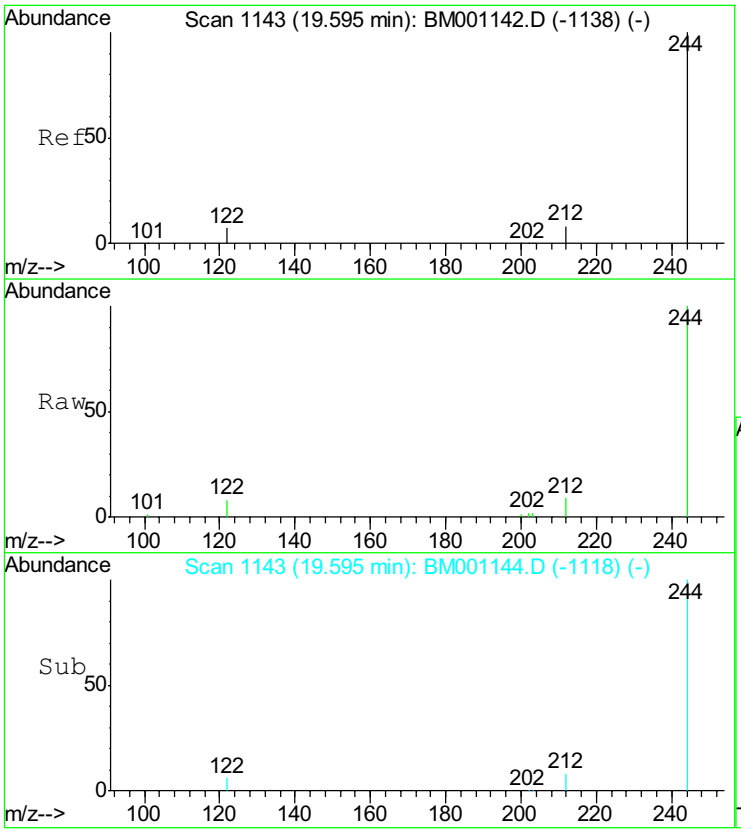
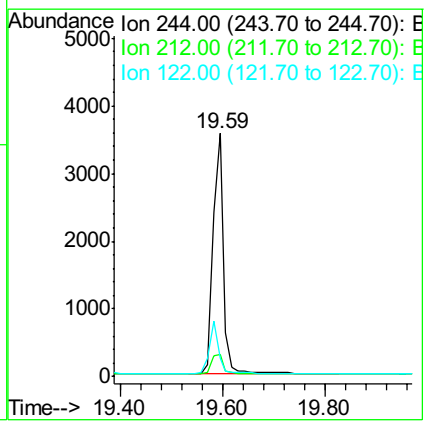
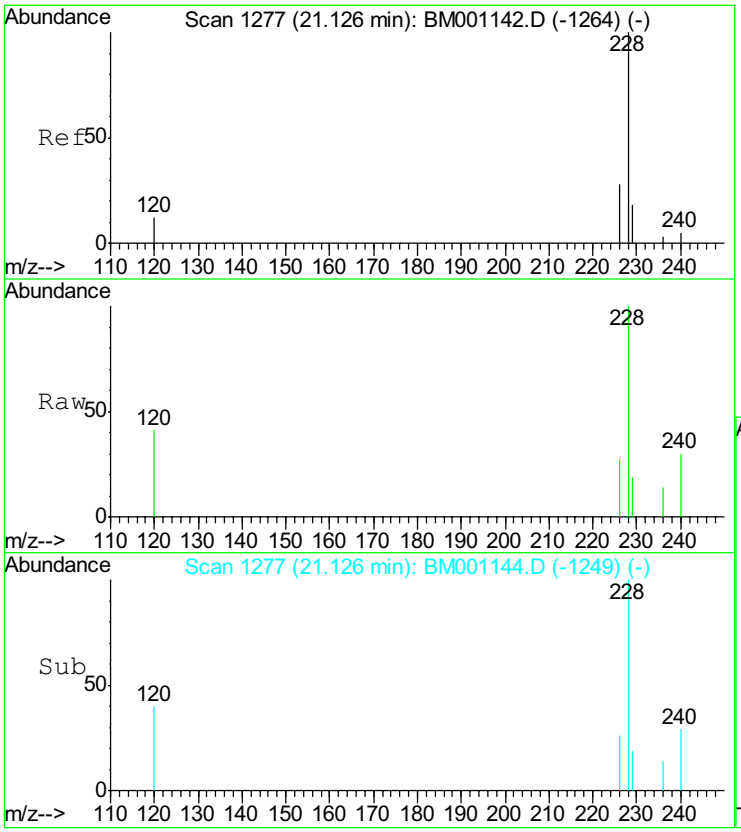


#26
Terphenyl-d14
Concen: 0.50 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:244 Resp: 5041

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.1	10.7
122	7.8	6.2	9.4

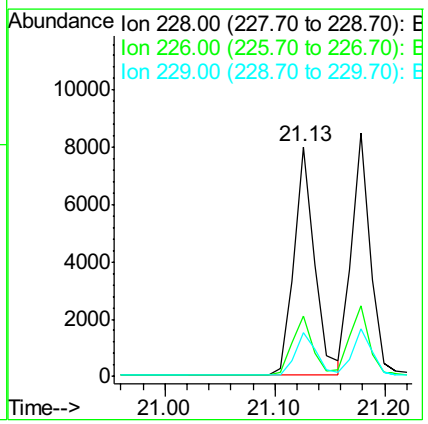




#27
Benzo(a)anthracene
Concen: 0.48 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:228 Resp: 10329

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.8	34.2
229	19.2	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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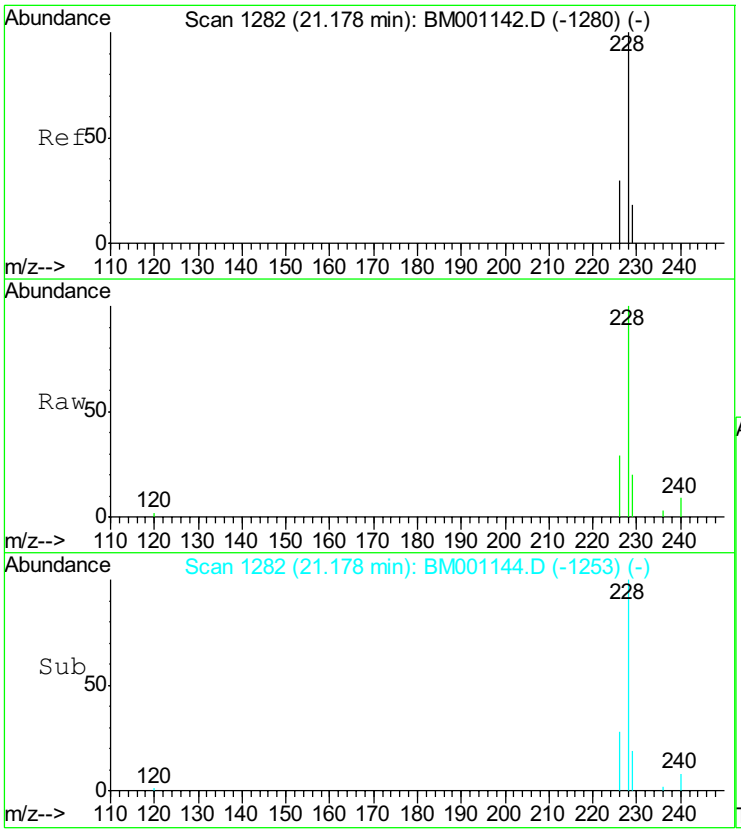
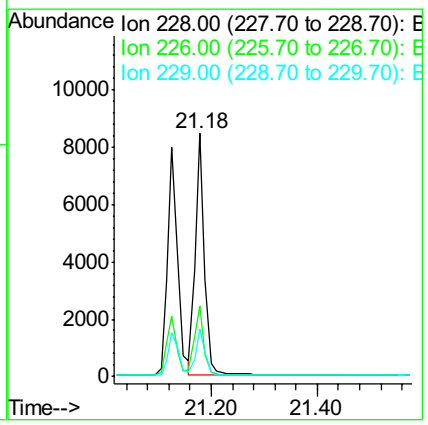
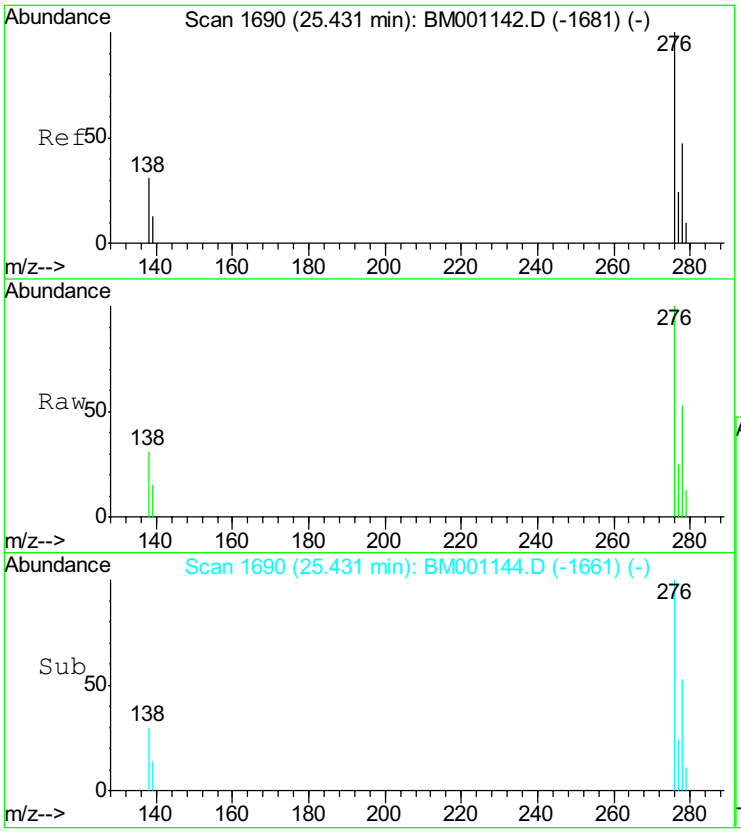


#28
Chrysene
Concen: 0.46 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:228 Resp: 10267

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.4	36.6
229	19.6	14.3	21.5

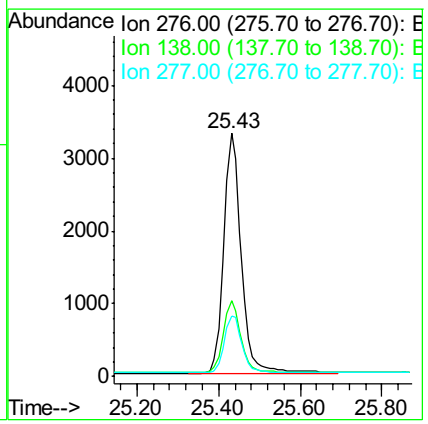




#29
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng
RT: 25.43 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:276 Resp: 9818

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.2	36.4
277	24.6	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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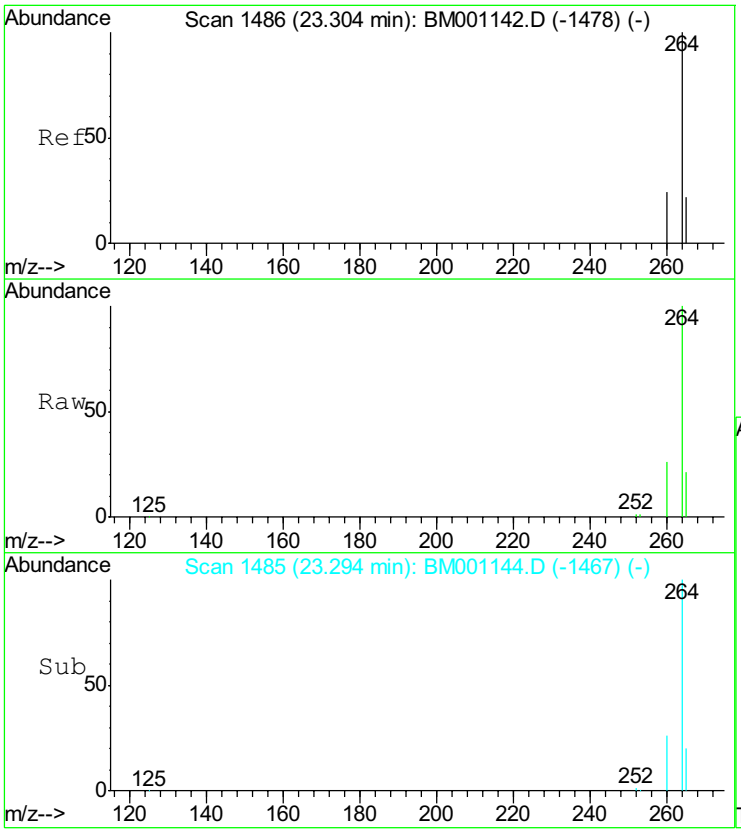
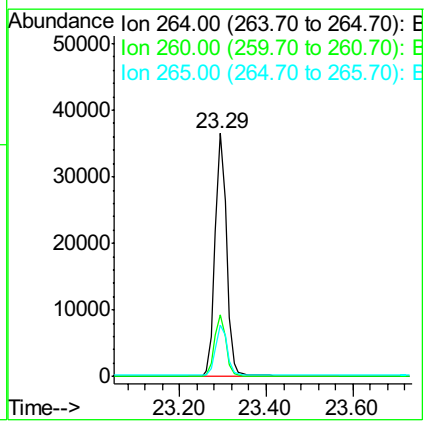
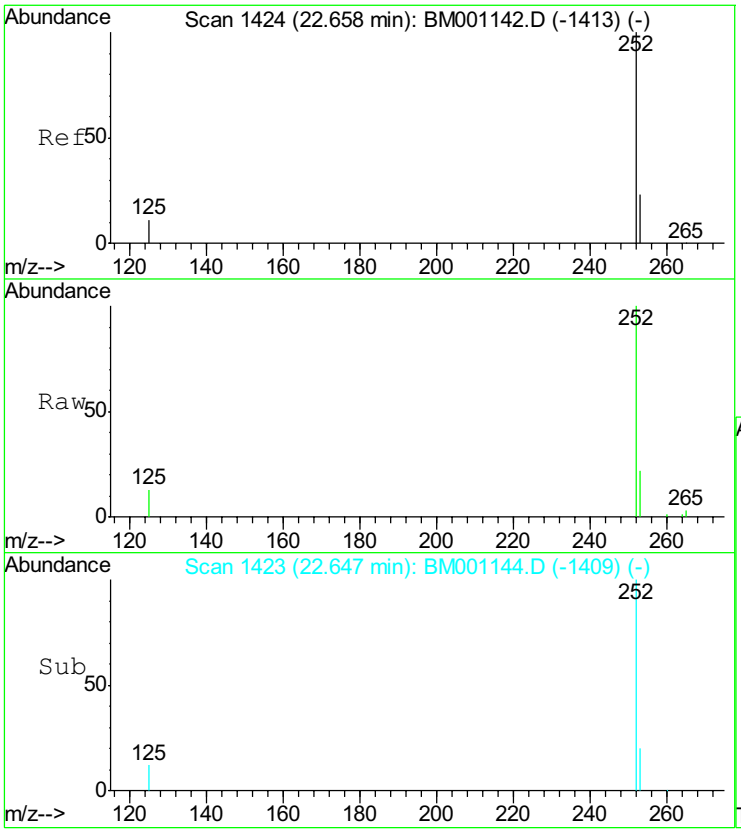


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:264 Resp: 65655

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.9	28.3
265	21.0	18.1	27.1

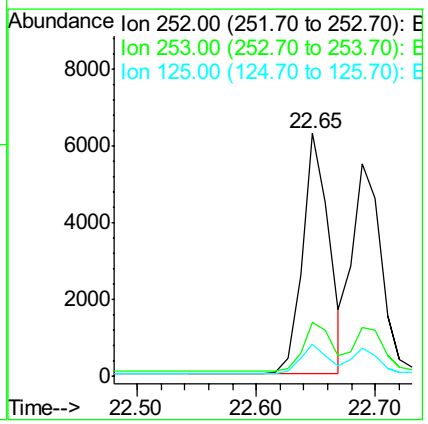




#31
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 22.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:252 Resp: 9631

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.4
125	13.3	9.1	13.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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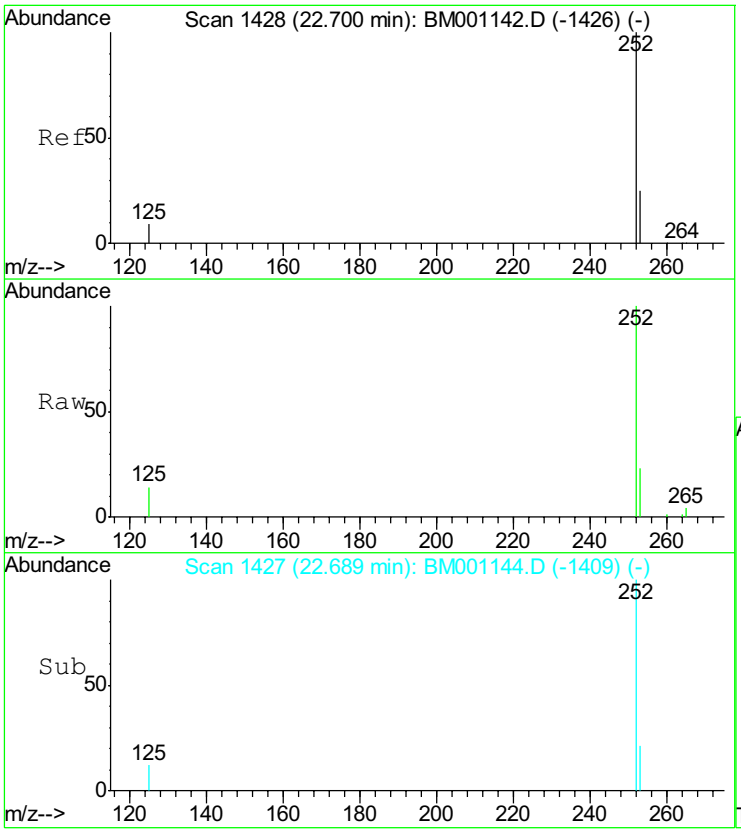
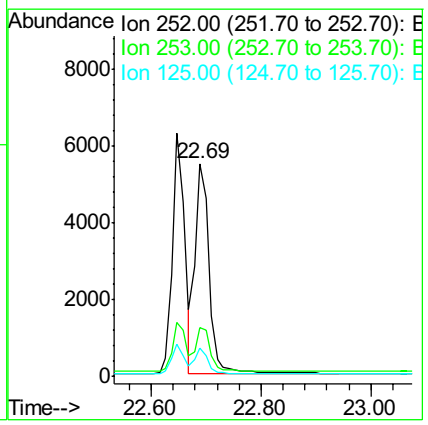
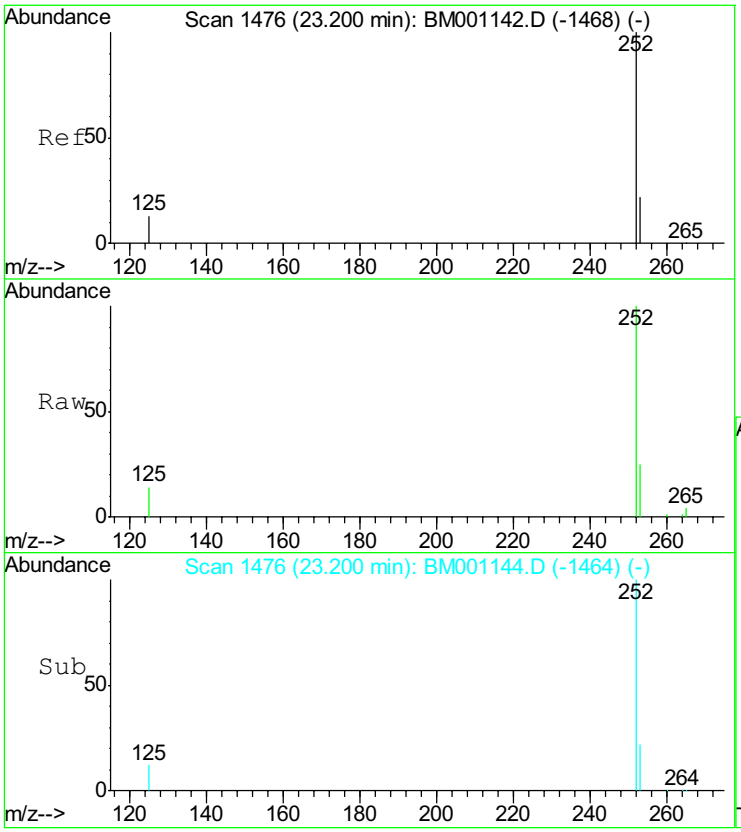


#32
Benzo(k)fluoranthene
Concen: 0.48 ng
RT: 22.69 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:252 Resp: 9692

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.1	28.7
125	13.6	9.3	13.9

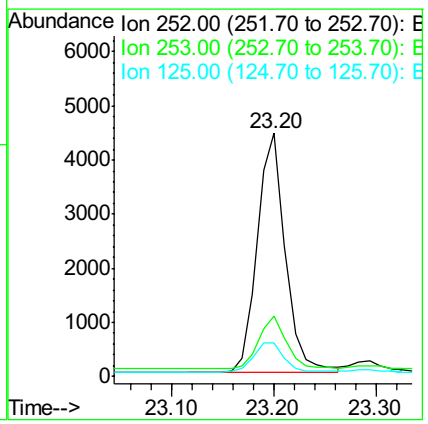




#33
Benzo(a)pyrene
Concen: 0.46 ng
RT: 23.20 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:252 Resp: 8389

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	13.9	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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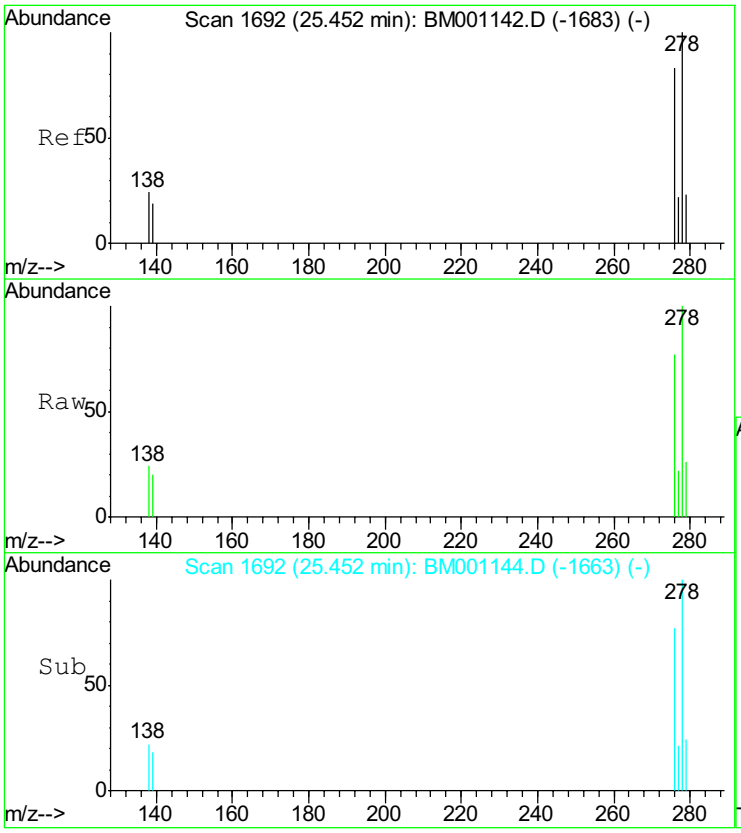
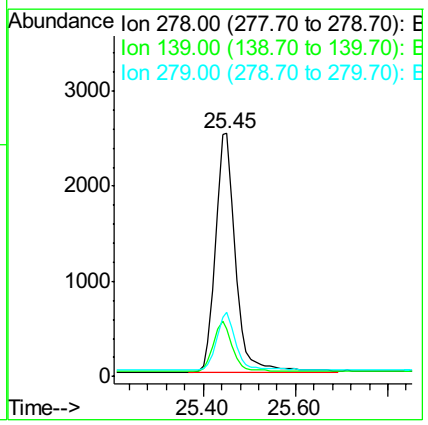
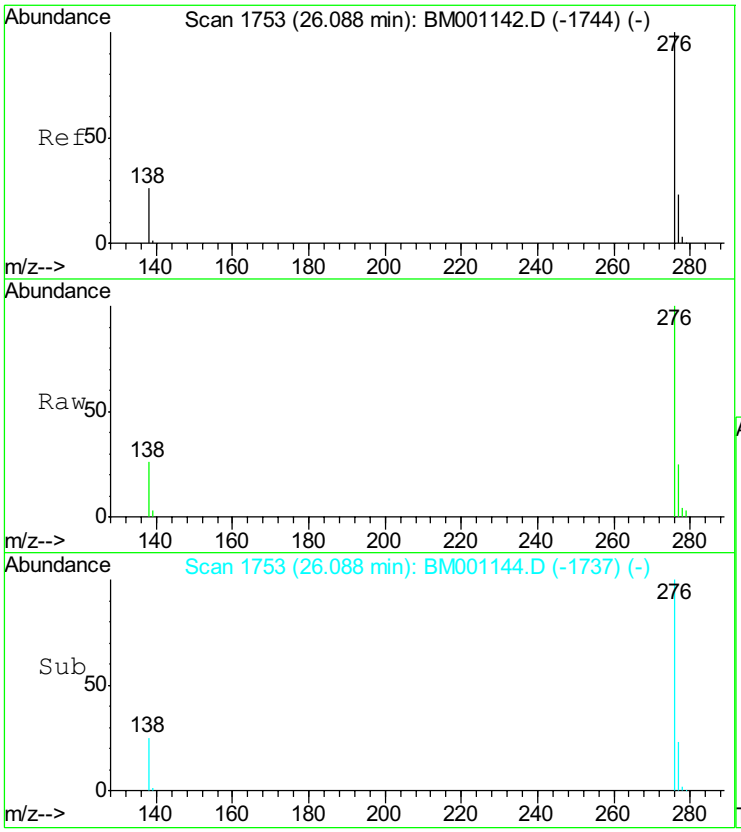


#34
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 25.45 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:278 Resp: 7609

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.5	23.3
279	26.3	19.7	29.5

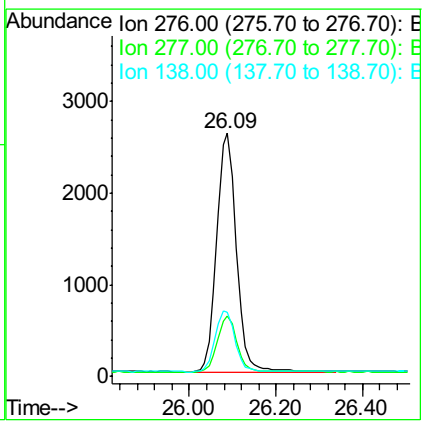




#35
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion:276 Resp: 8155

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	26.4	21.3	31.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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