Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001346.D
Acq On : 21 May 2015 05:37
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
apatel
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Quant Time: May 21 11:22:45 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 08:43:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13444	5.00	ng		0.00
6) Naphthalene-d8	10.20	136	52800	5.00	ng		0.00
12) Acenaphthene-d10	14.11	164	33537	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	86039	5.00	ng		0.00
25) Chrysene-d12	21.07	240	72496	5.00	ng		0.00
32) Perylene-d12	23.17	264	69965	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	283	0.11	ng		0.00
5) Phenol-d6	6.63	99	295	0.09	ng		0.02
7) Nitrobenzene-d5	8.59	82	241	0.08	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	84	0.08	ng		0.00
14) 2-Fluorobiphenyl	12.72	172	971	0.10	ng		0.00
27) Terphenyl-d14	19.50	244	928	0.10	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.26	42	136	0.08	ng	#	87
8) Nitrobenzene	8.63	77	243	0.08	ng		99
9) Naphthalene	10.25	128	1125	0.10	ng	#	85
10) Hexachlorobutadiene	10.54	225	223	0.11	ng		99
11) 2-Methylnaphthalene	11.89	142	768	0.10	ng	#	91
15) Acenaphthylene	13.82	152	1235	0.09	ng		100
16) Acenaphthene	14.17	154	878	0.10	ng		98
17) Fluorene	15.15	166	880m	0.10	ng		
19) 4-Bromophenyl-phenylether	16.04	248	279	0.09	ng	#	75
20) Hexachlorobenzene	16.17	284	565	0.10	ng	#	86
22) Phenanthrene	16.89	178	2605m	0.09	ng		
23) Anthracene	16.99	178	1082m	0.10	ng		
24) Fluoranthene	18.92	202	2014	0.09	ng		100
26) Pyrene	19.29	202	2130	0.10	ng		100
28) Benzo(a)anthracene	21.04	228	2128	0.11	ng	#	96
29) Chrysene	21.10	228	2041	0.11	ng		95
30) Bis(2-ethylhexyl)phthalate	20.99	149	936	0.08	ng	#	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	2112	0.10	ng		99
33) Benzo(b)fluoranthene	22.54	252	2057	0.10	ng	#	80
34) Benzo(k)fluoranthene	22.58	252	1838	0.09	ng	#	82
35) Benzo(a)pyrene	23.07	252	1760	0.10	ng	#	79
36) Dibenzo(a,h)anthracene	25.26	278	1609	0.09	ng	#	83
37) Benzo(g,h,i)perylene	25.88	276	1810	0.10	ng	#	89

(#) = 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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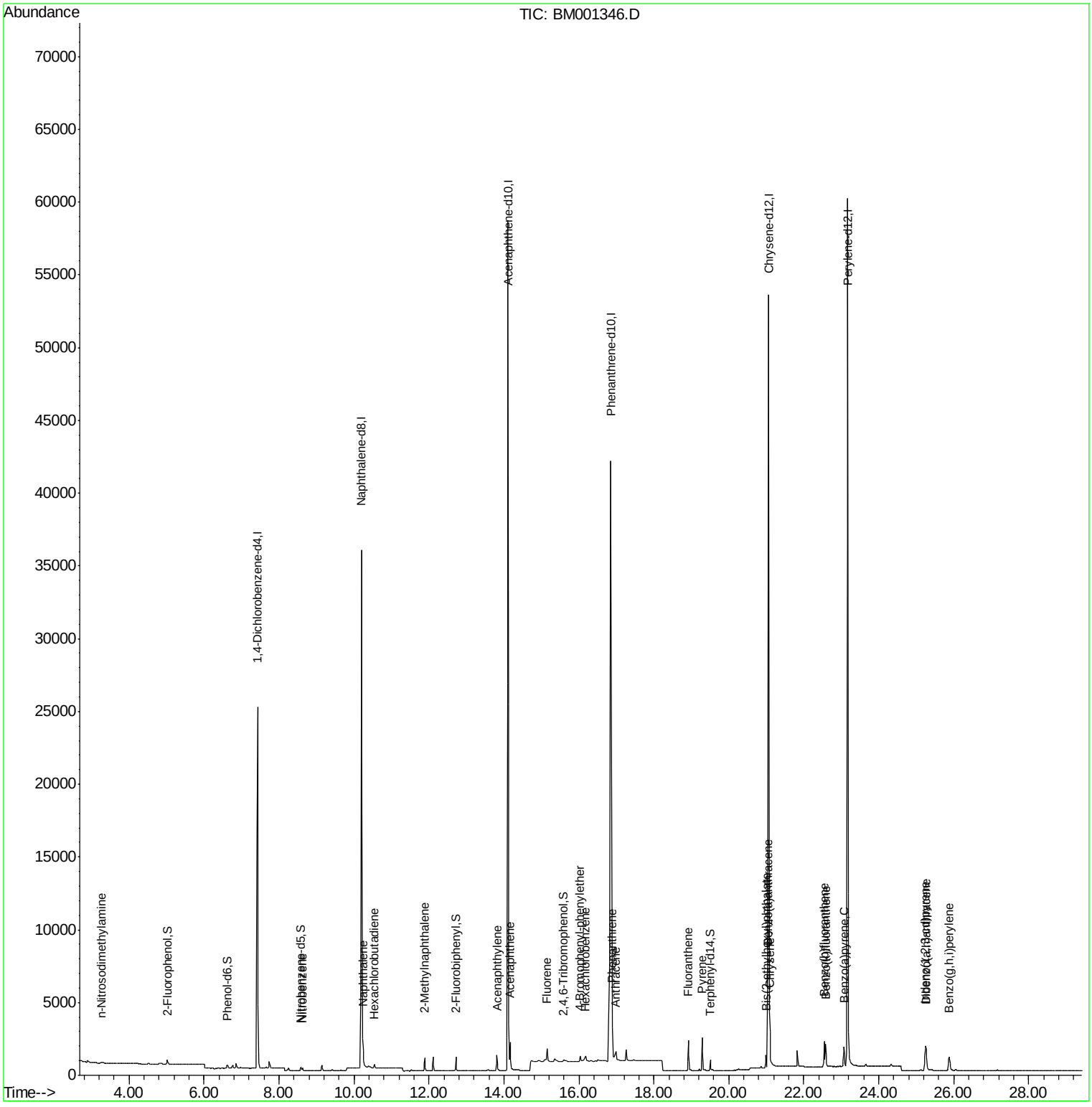
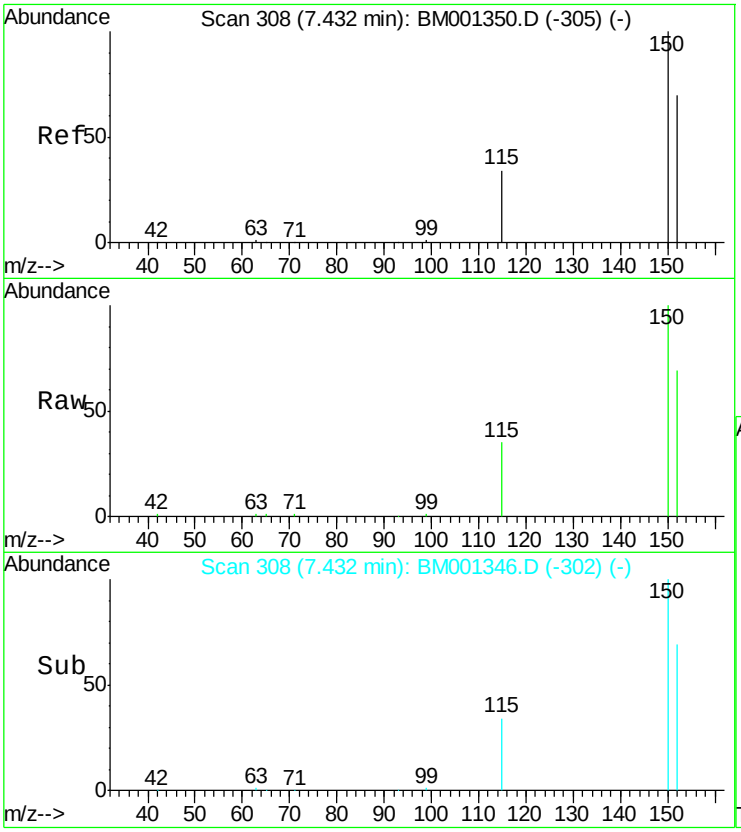
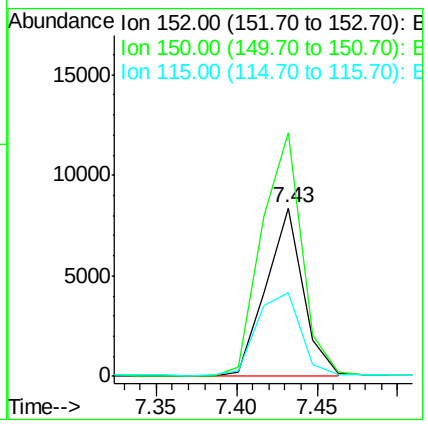




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:152 Resp: 13444

Ion	Ratio	Lower	Upper
152	100		
150	144.3	114.1	171.1
115	49.8	39.2	58.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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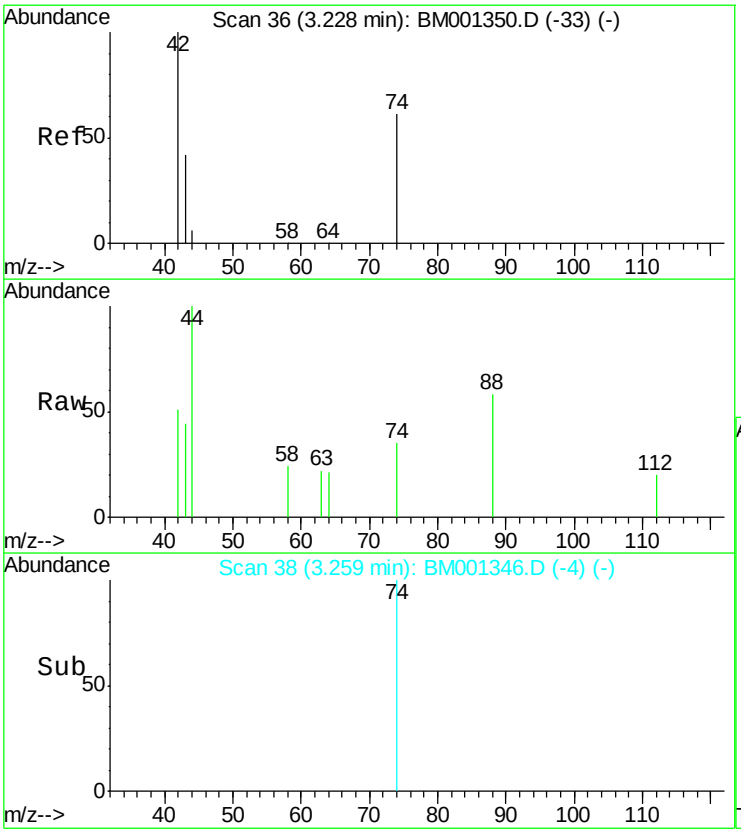
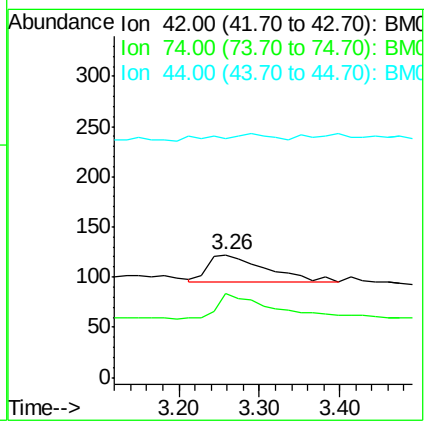
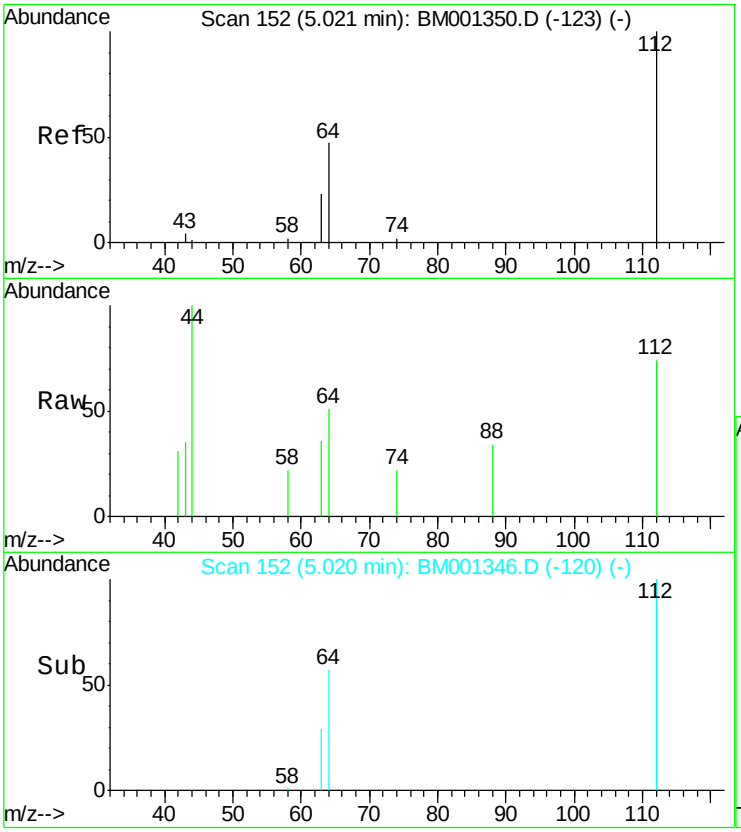


#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.26 min Scan# 38
Delta R.T. 0.03 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion: 42 Resp: 136

Ion	Ratio	Lower	Upper
42	100		
74	99.3	70.0	105.0
44	0.0	3.6	5.4#

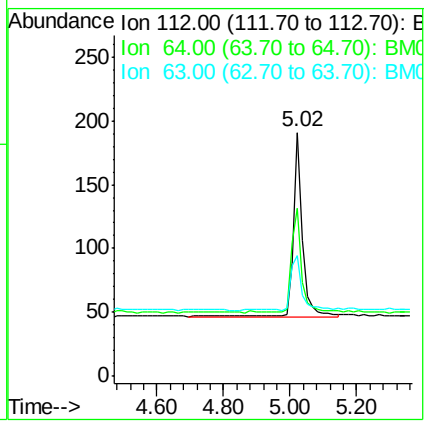




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.02 min Scan# 152
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:112 Resp: 283

Ion	Ratio	Lower	Upper
112	100		
64	58.3	52.9	79.3
63	35.3	29.6	44.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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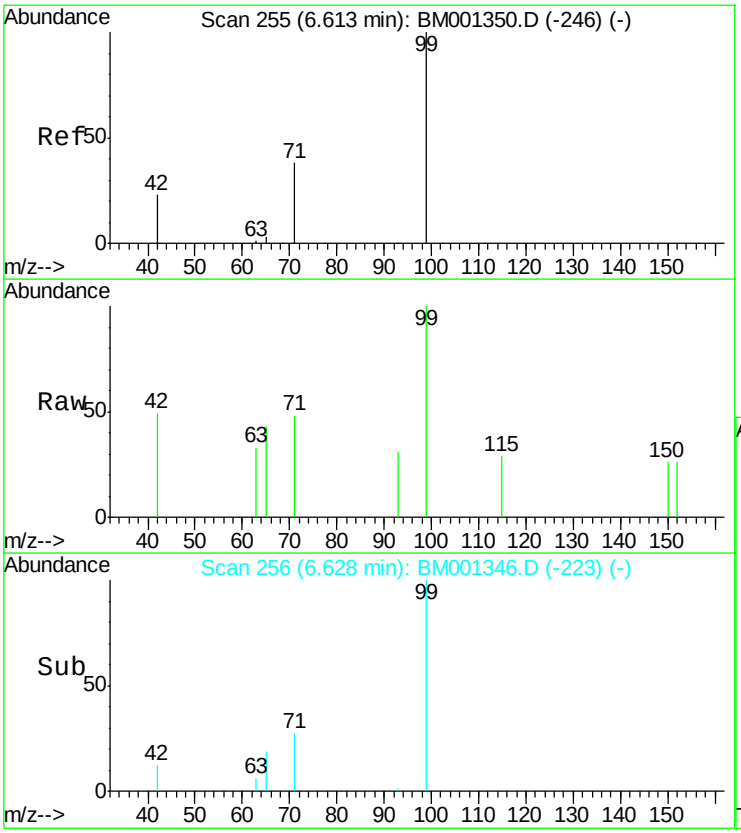
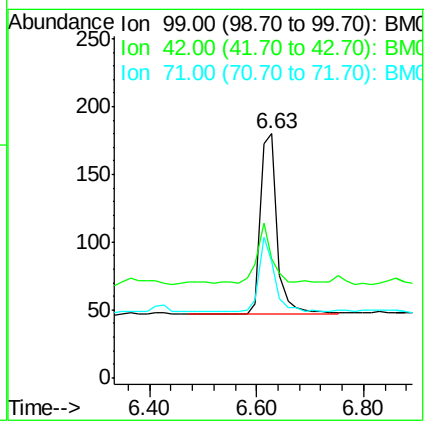
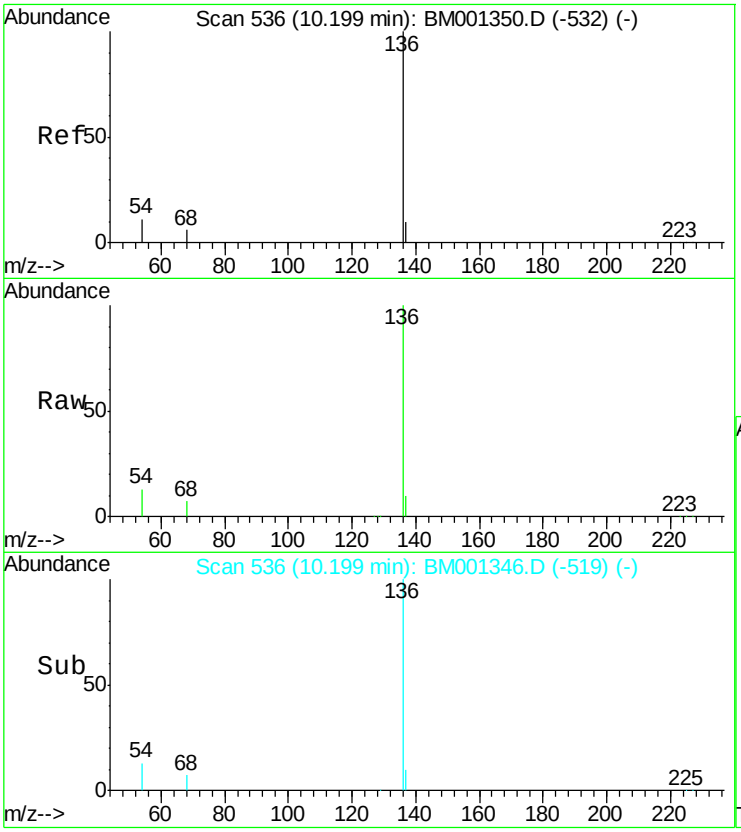


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.63 min Scan# 256
Delta R.T. 0.02 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion: 99 Resp: 295

Ion	Ratio	Lower	Upper
99	100		
42	28.8	21.4	32.2
71	36.9	29.0	43.4

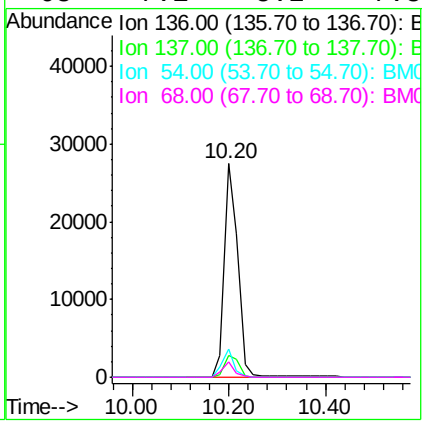




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:136 Resp: 52800

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	13.0	9.4	14.0
68	7.1	5.2	7.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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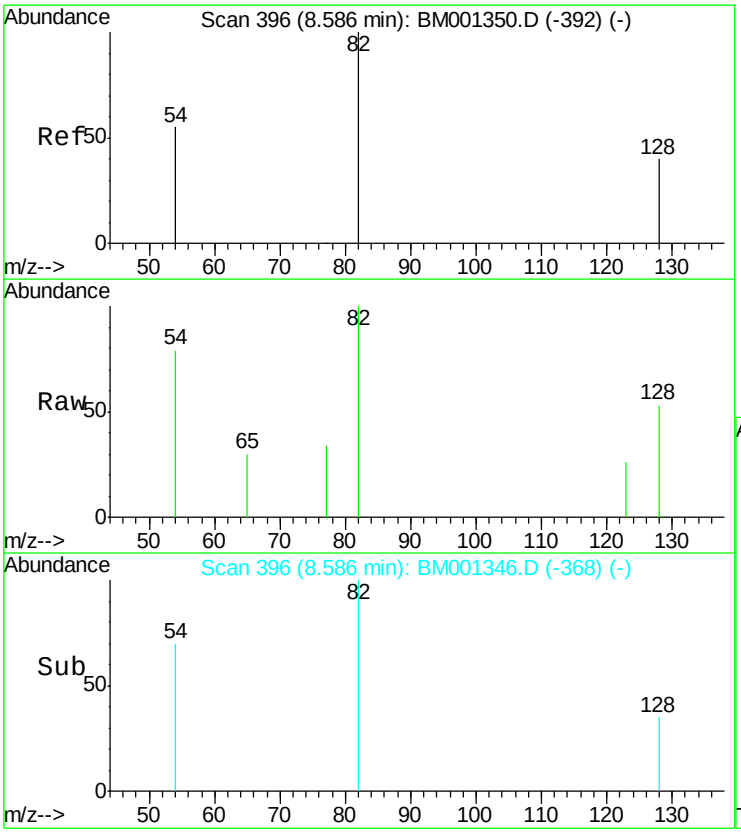
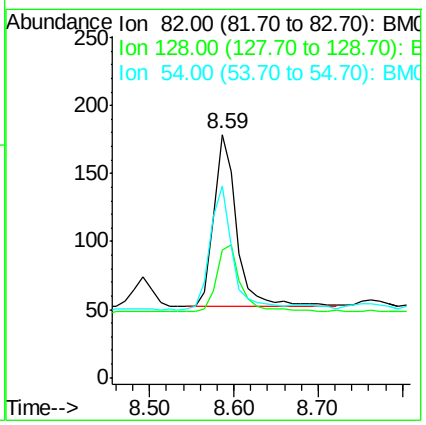
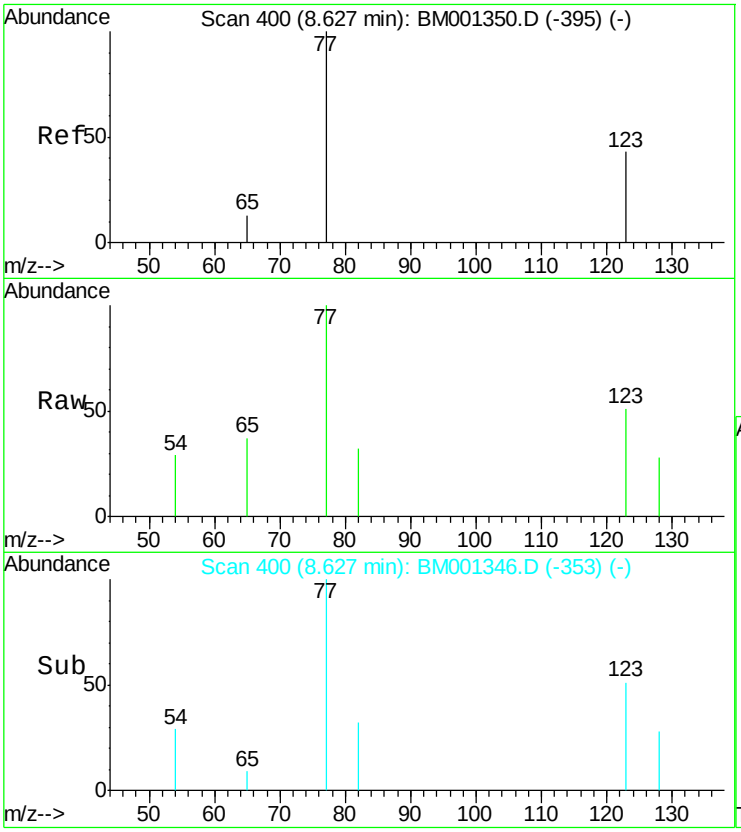


#7
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.59 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion: 82 Resp: 241

Ion	Ratio	Lower	Upper
82	100		
128	52.5	33.5	50.3#
54	78.8	45.1	67.7#

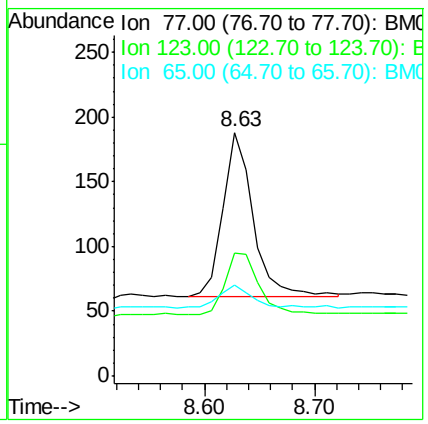




#8
Nitrobenzene
Concen: 0.08 ng
RT: 8.63 min Scan# 400
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion: 77 Resp: 243

Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.6	50.4
65	16.5	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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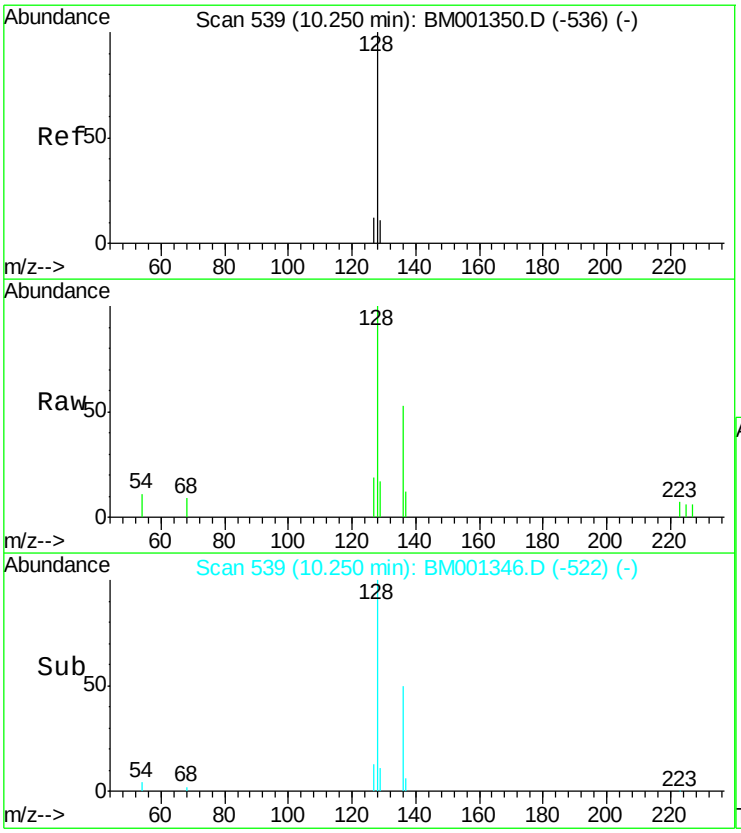
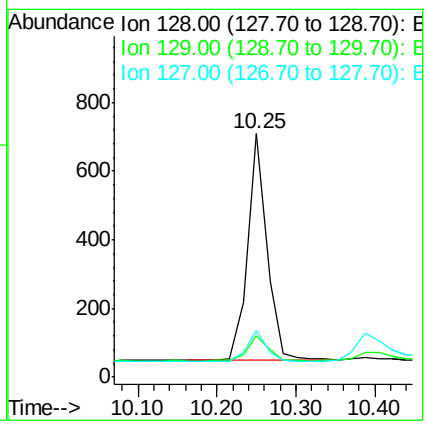
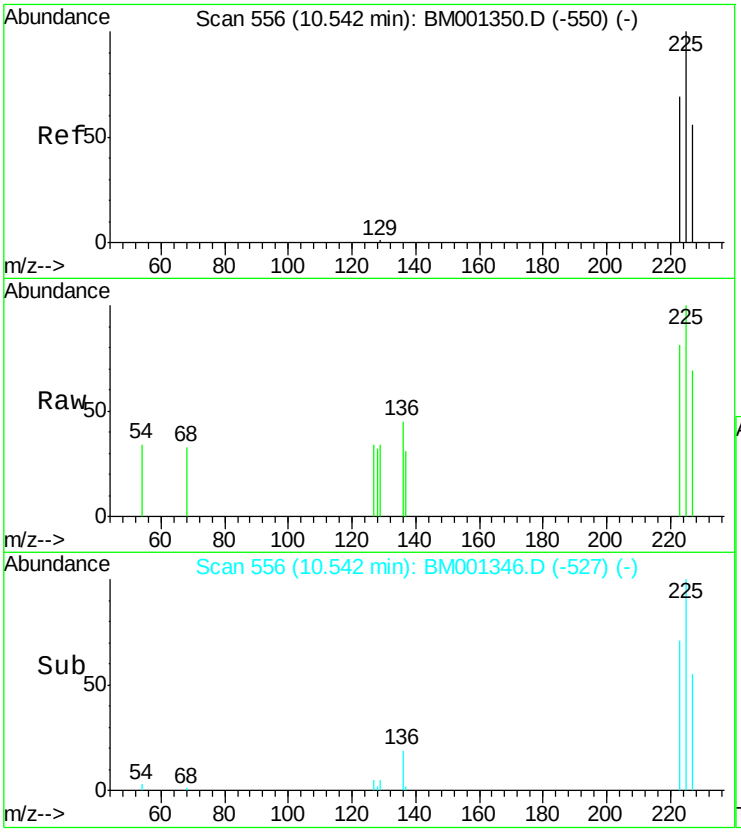


#9
Naphthalene
Concen: 0.10 ng
RT: 10.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:128 Resp: 1125

Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.1	13.7#
127	19.0	10.4	15.6#

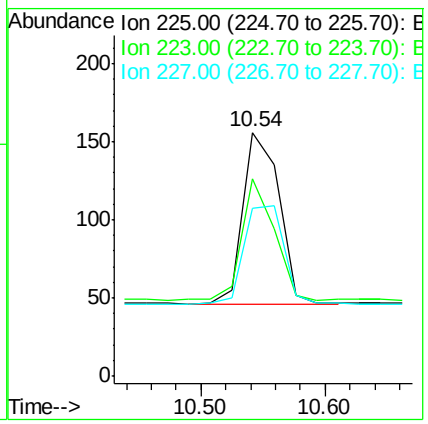




#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.54 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:225 Resp: 223

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.3	75.5
227	63.2	50.6	75.8



Instrument :
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ClientSampleId :
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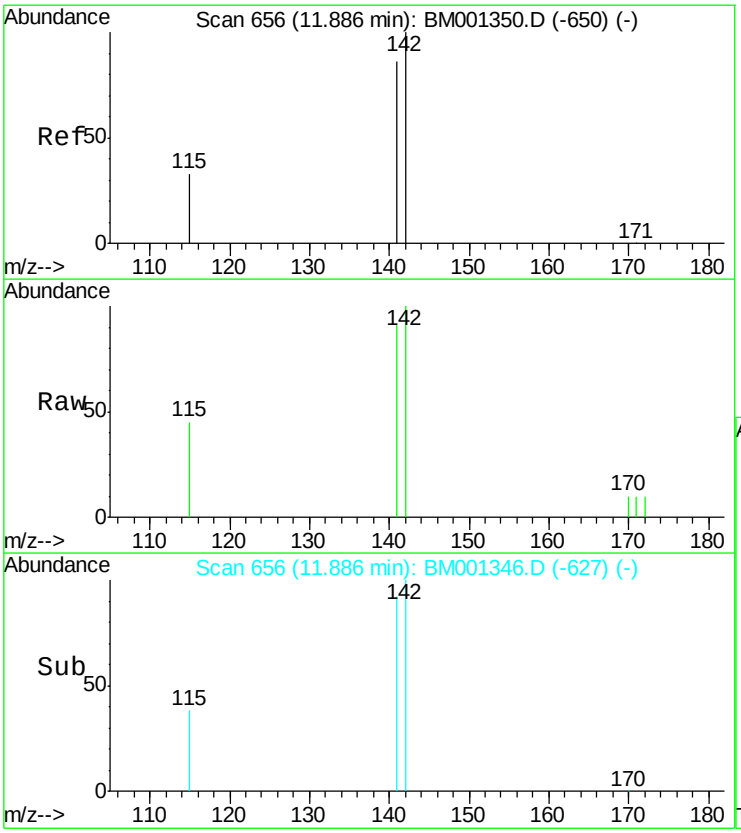
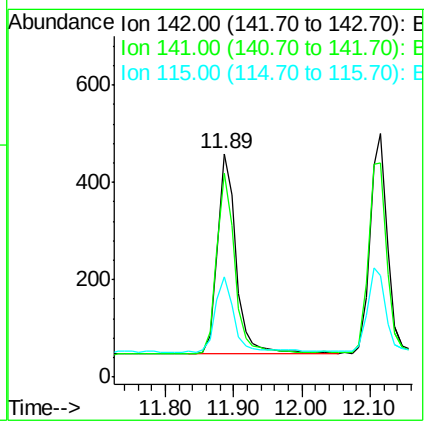
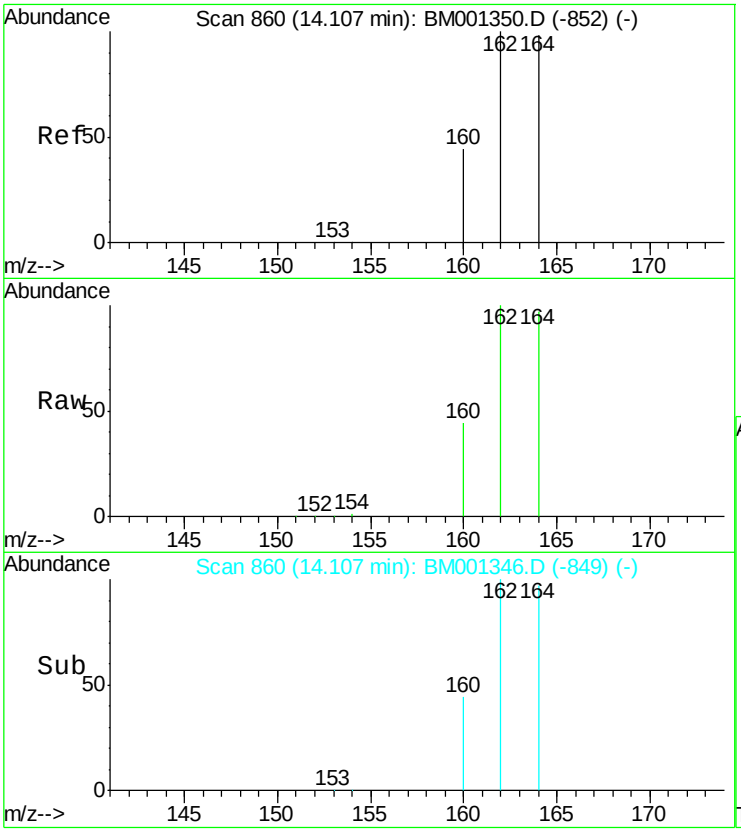


#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 11.89 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:142 Resp: 768

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.0	103.4
115	45.1	27.1	40.7#

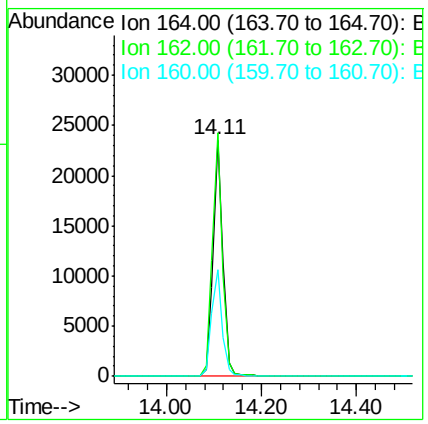




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:164 Resp: 33537

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.8
160	45.4	35.8	53.8



Instrument :
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ClientSampleId :
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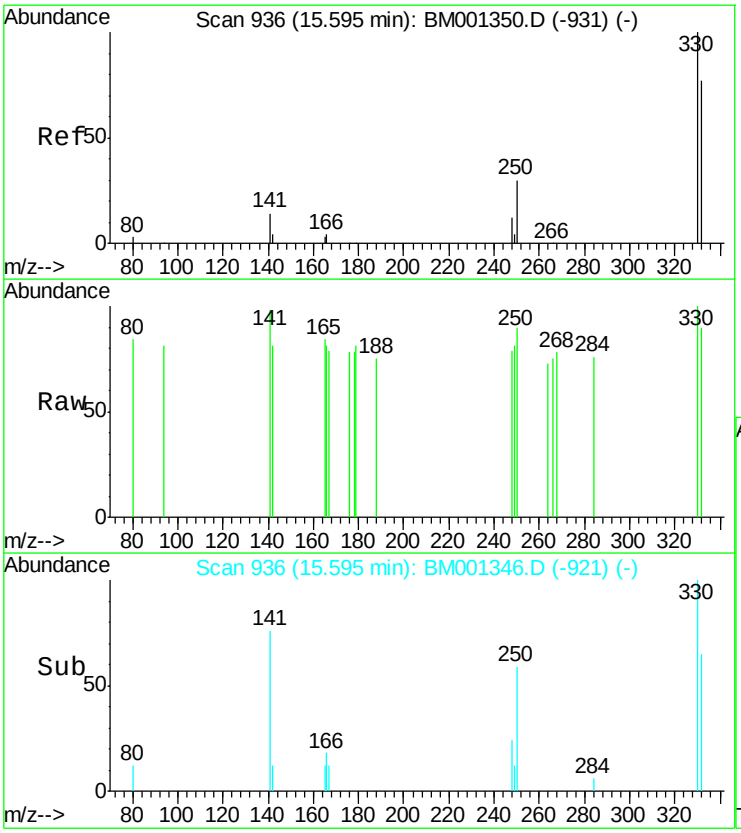
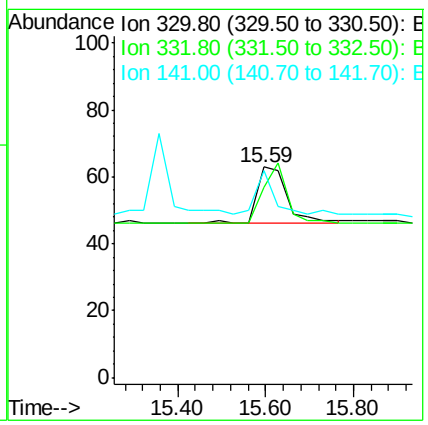
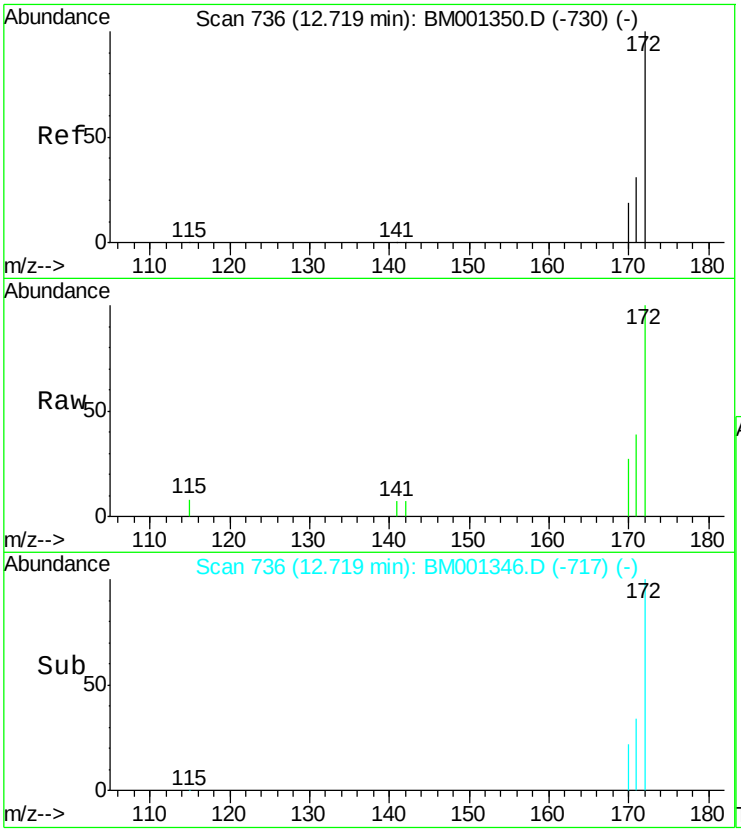


#13
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 15.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:330 Resp: 84

Ion	Ratio	Lower	Upper
330	100		
332	0.0	65.4	98.2#
141	44.0	20.2	30.4#

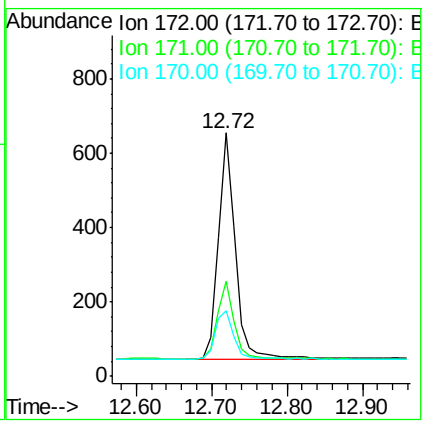




#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.72 min Scan# 736
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:172 Resp: 971

Ion	Ratio	Lower	Upper
172	100		
171	39.1	25.4	38.2#
170	27.2	15.7	23.5#



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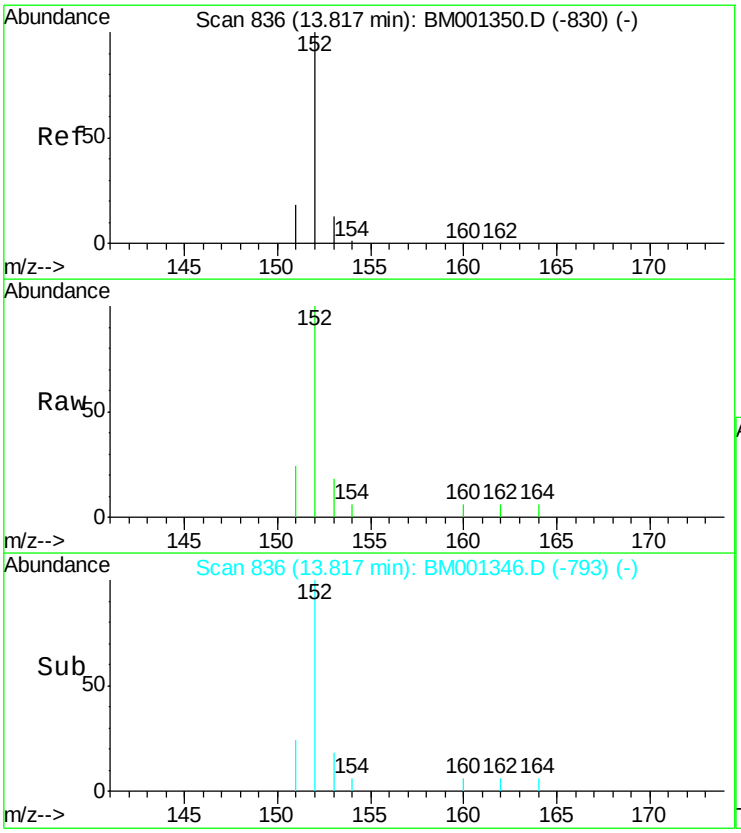
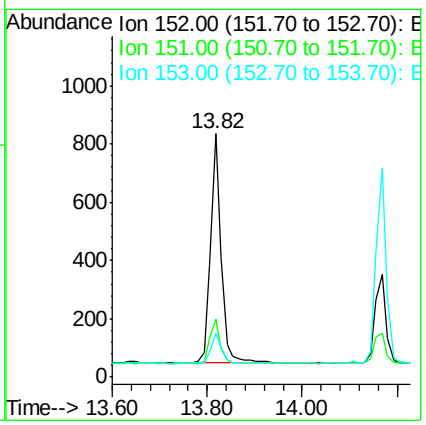
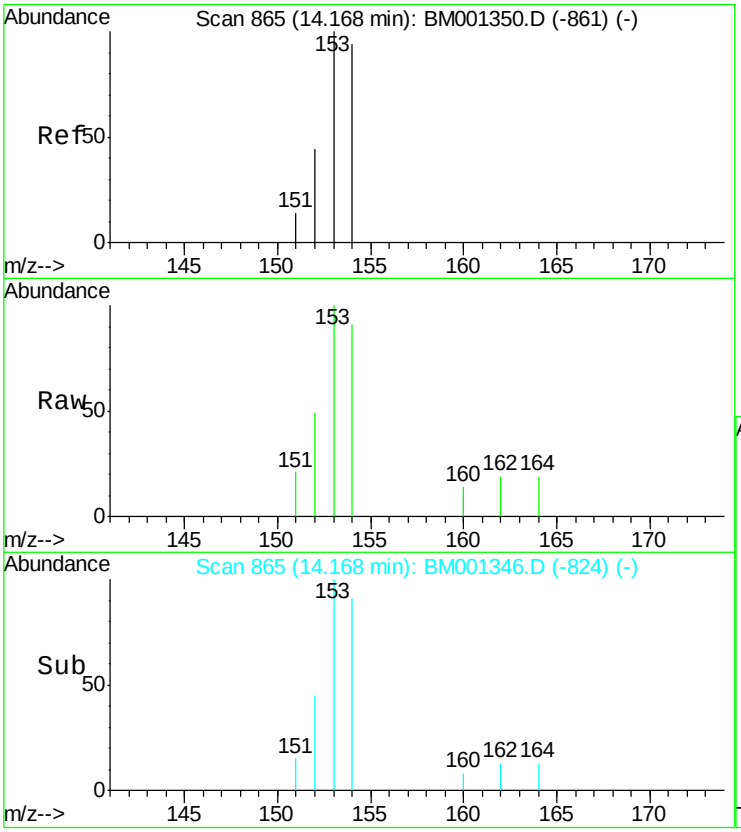


#15
Acenaphthylene
Concen: 0.09 ng
RT: 13.82 min Scan# 836
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:152 Resp: 1235

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9
153	13.0	10.3	15.5

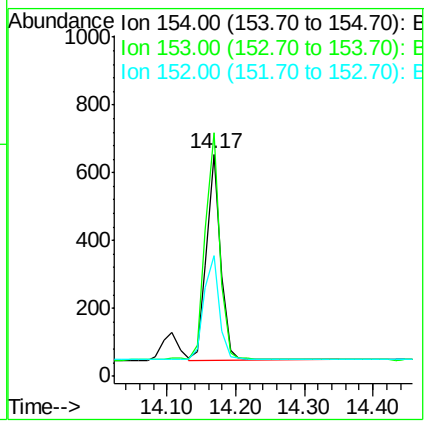




#16
Acenaphthene
Concen: 0.10 ng
RT: 14.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:154 Resp: 878

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.6	135.8
152	55.8	43.6	65.4



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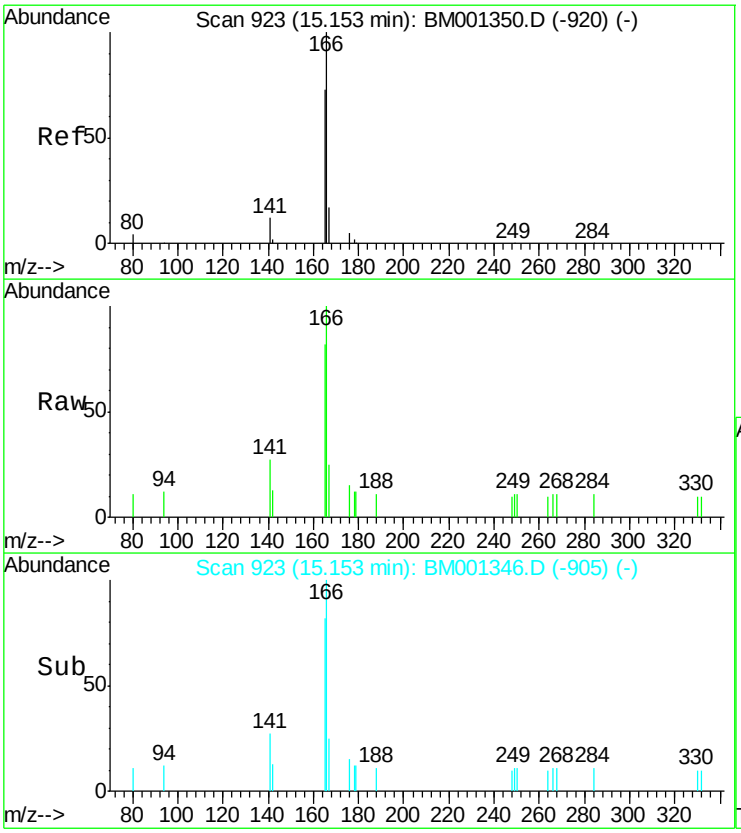
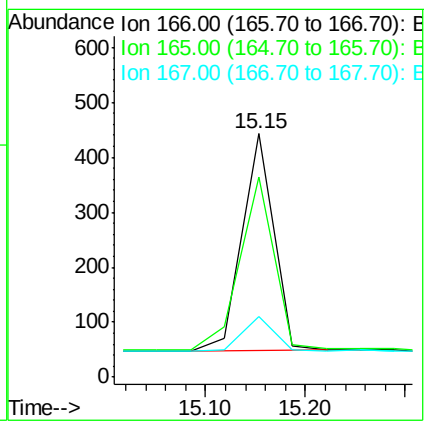
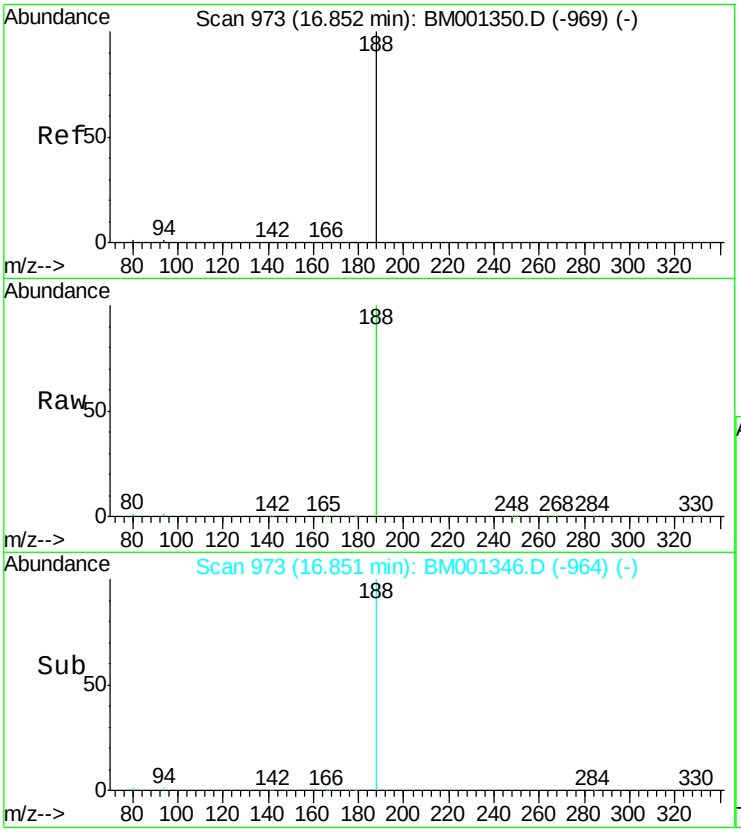


#17
Fluorene
Concen: 0.10 ng m
RT: 15.15 min Scan# 923
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:166 Resp: 880

Ion	Ratio	Lower	Upper
166	100		
165	103.3	72.5	108.7
167	15.6	16.0	24.0#





#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:188 Resp: 86039

Ion	Ratio	Lower	Upper
188	100		
94	1.1	0.6	1.0#
80	1.0	0.6	0.8#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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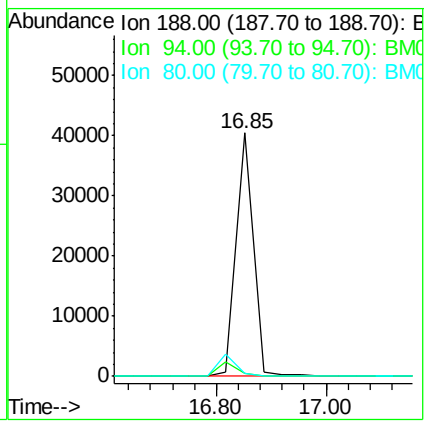
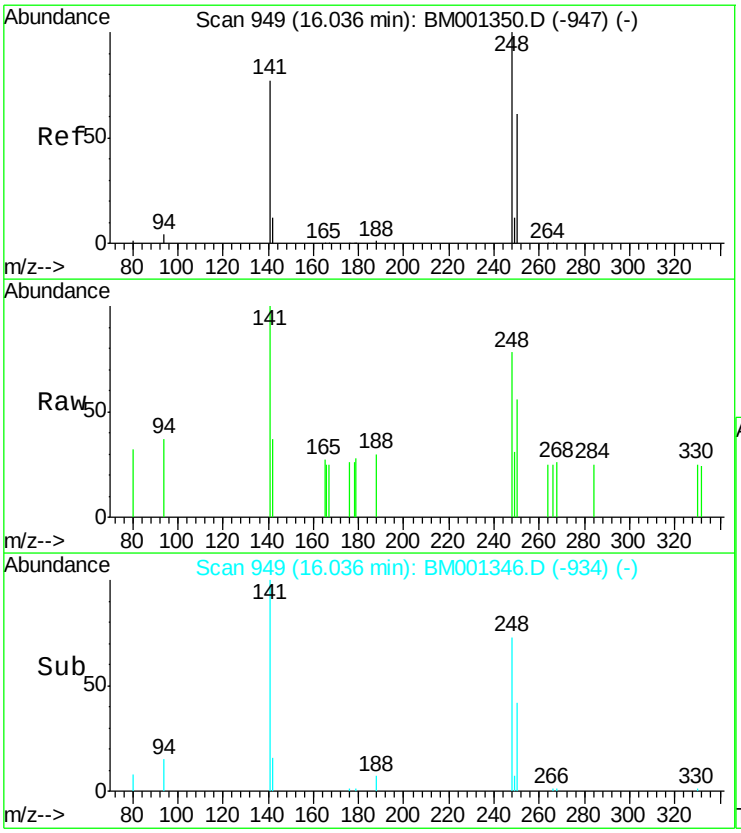
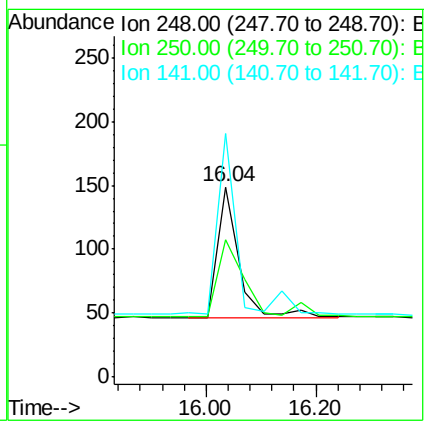


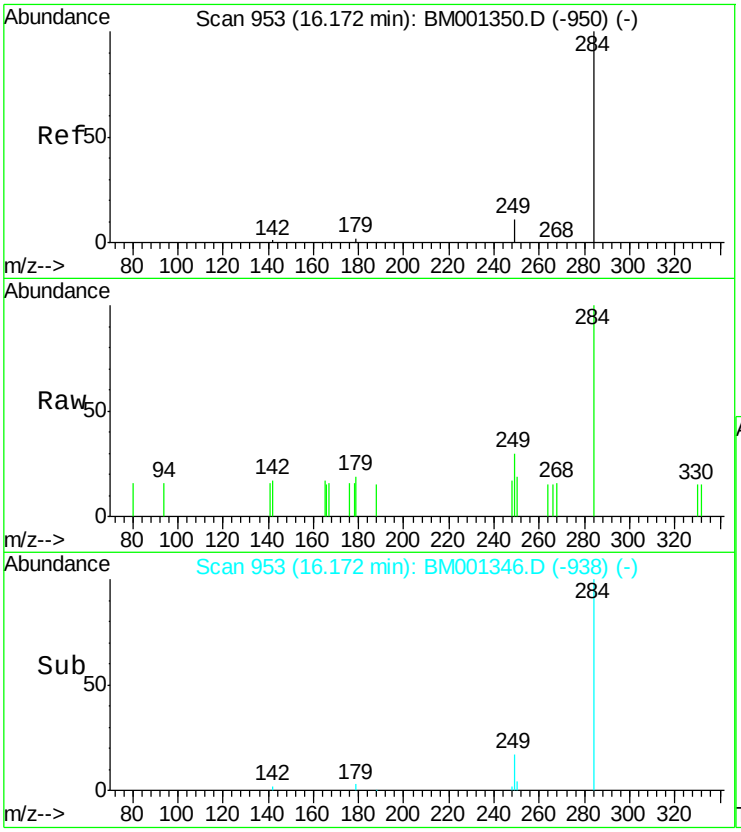


#19
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.04 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:248 Resp: 279

Ion	Ratio	Lower	Upper
248	100		
250	68.1	51.5	77.3
141	109.7	59.0	88.6#

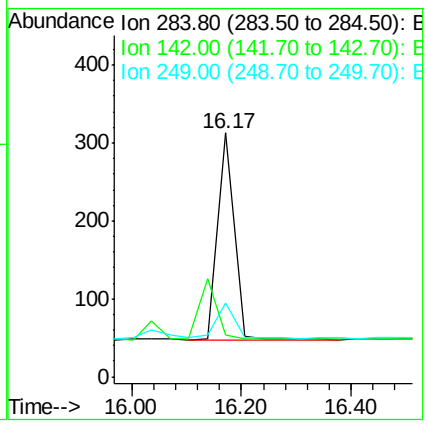




#20
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.17 min Scan# 953
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:284 Resp: 565

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	19.5	11.1	16.7#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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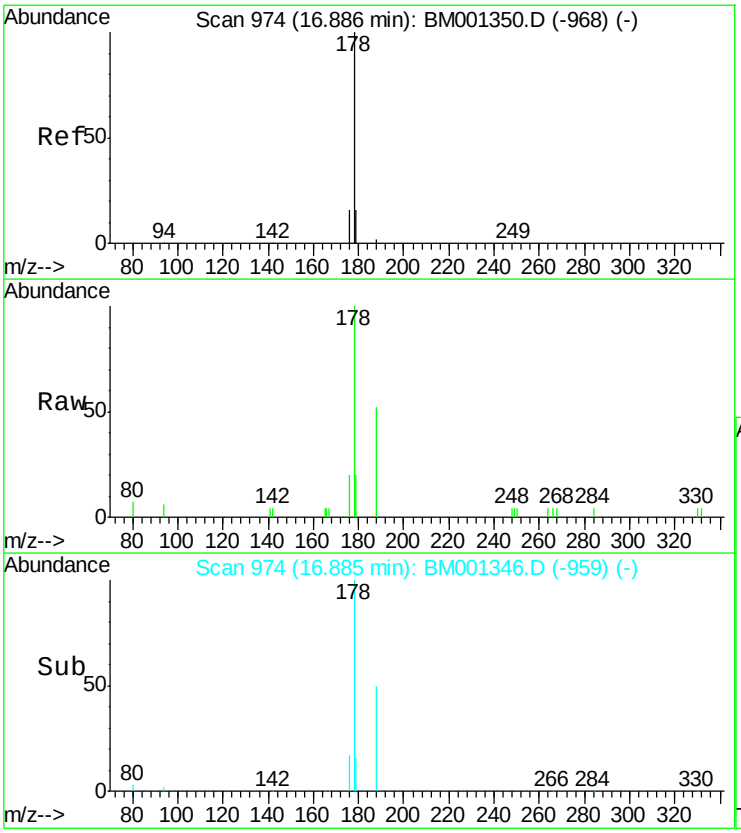
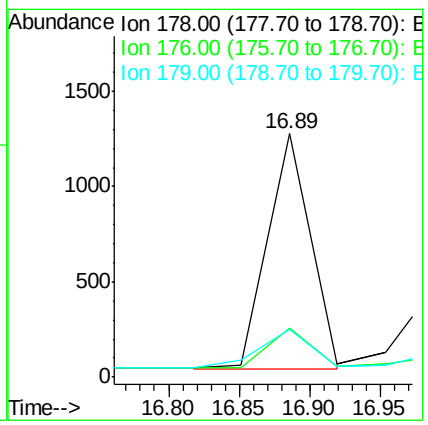
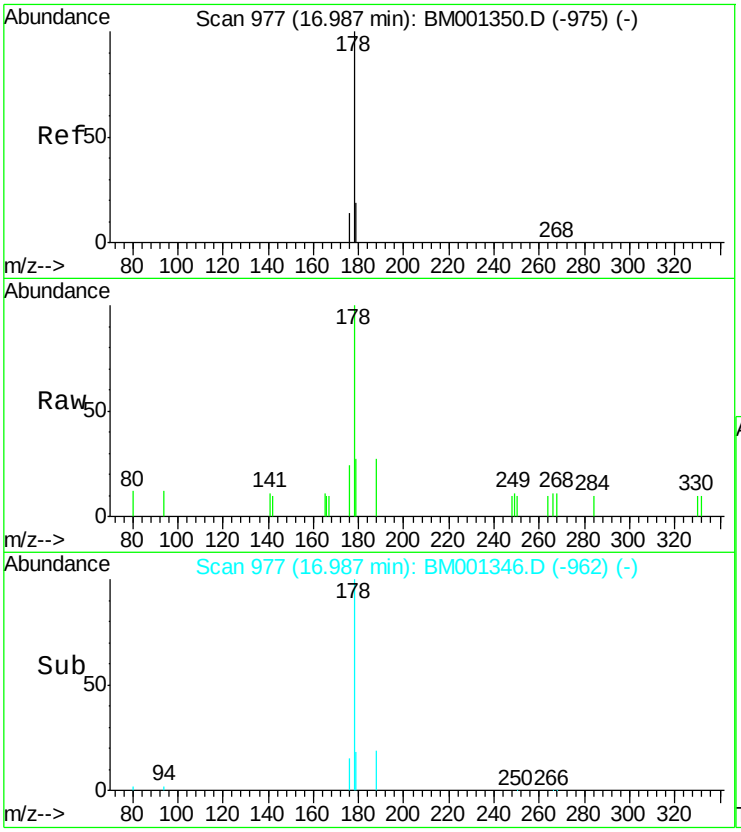


#22
Phenanthrene
Concen: 0.09 ng m
RT: 16.89 min Scan# 974
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:178 Resp: 2605

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	20.0	12.8	19.2#

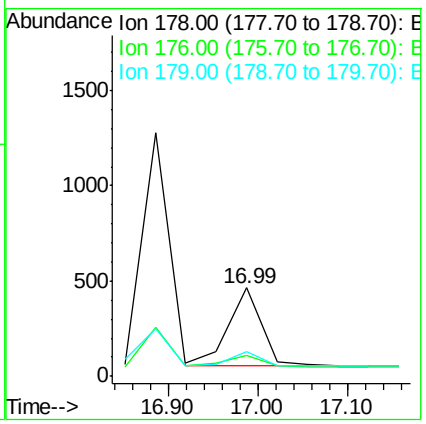




#23
Anthracene
Concen: 0.10 ng m
RT: 16.99 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:178 Resp: 1082

Ion	Ratio	Lower	Upper
178	100		
176	13.8	46.1	69.1#
179	16.4	35.4	53.0#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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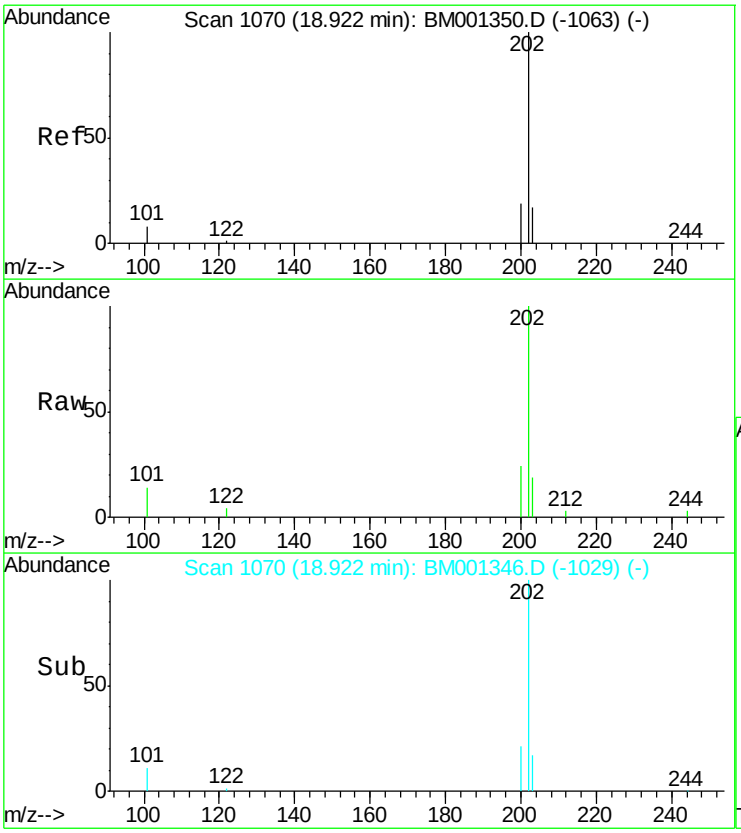
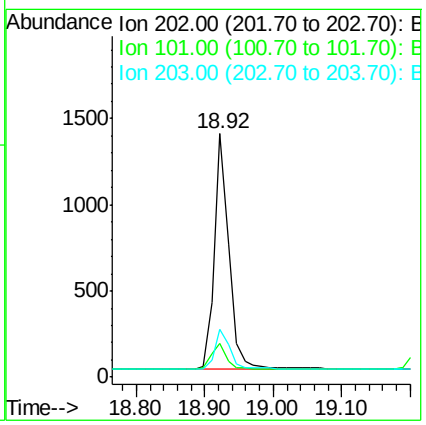
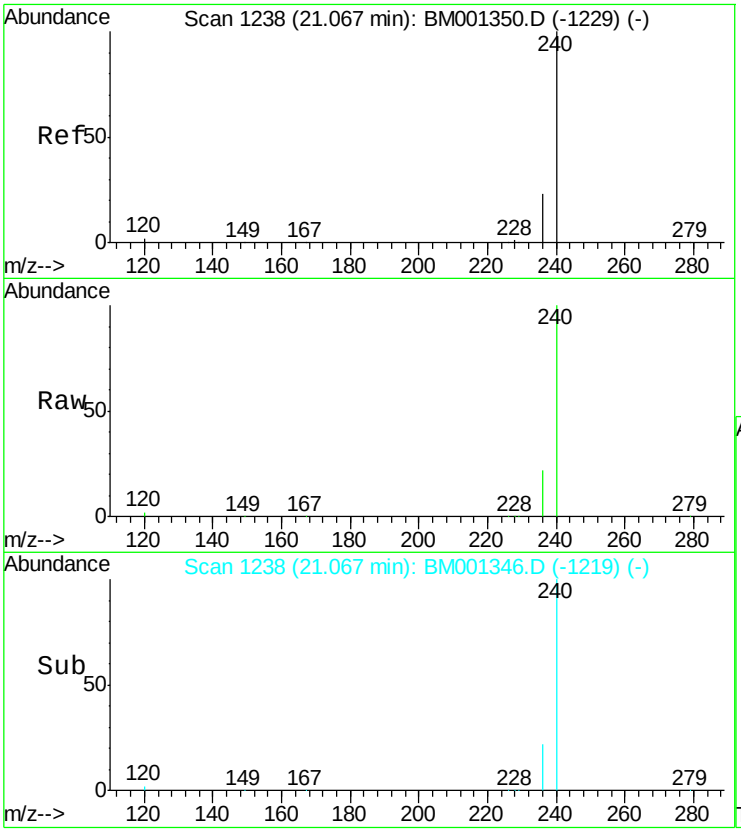


#24
Fluoranthene
Concen: 0.09 ng
RT: 18.92 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:202 Resp: 2014

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	16.9	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:240 Resp: 72496

Ion	Ratio	Lower	Upper
240	100		
120	1.7	1.6	2.4
236	22.4	18.5	27.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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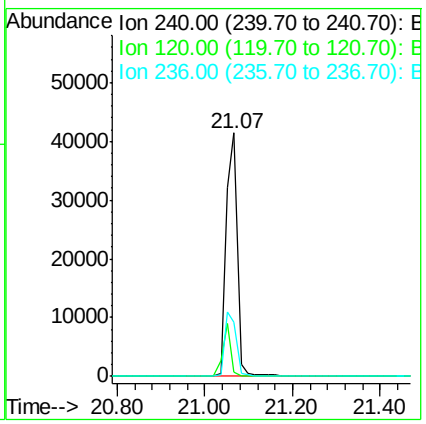
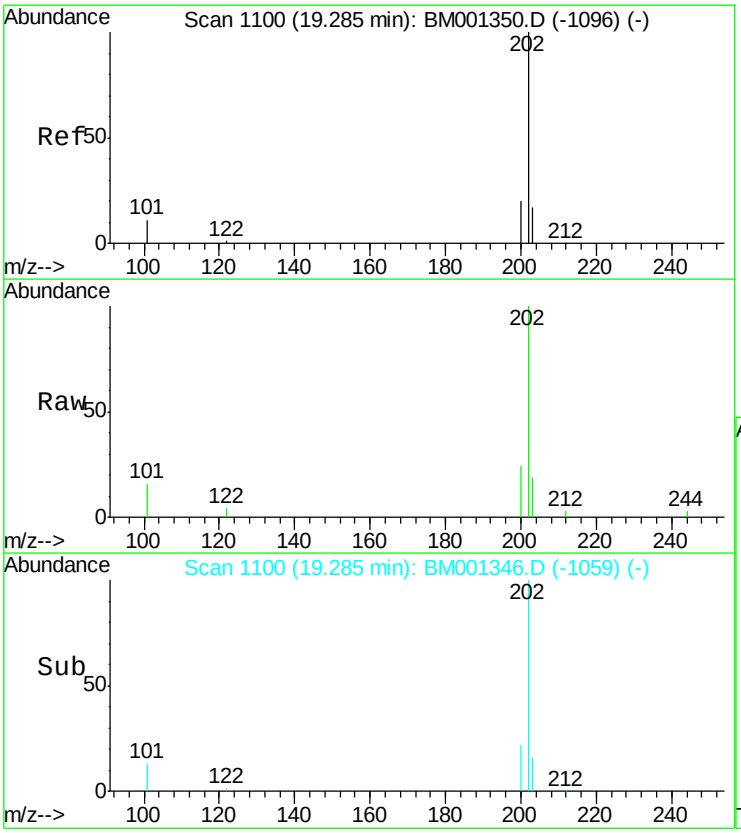
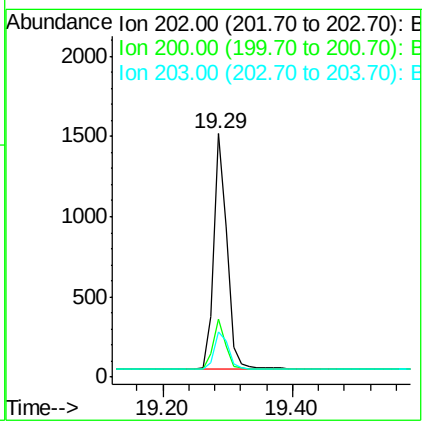


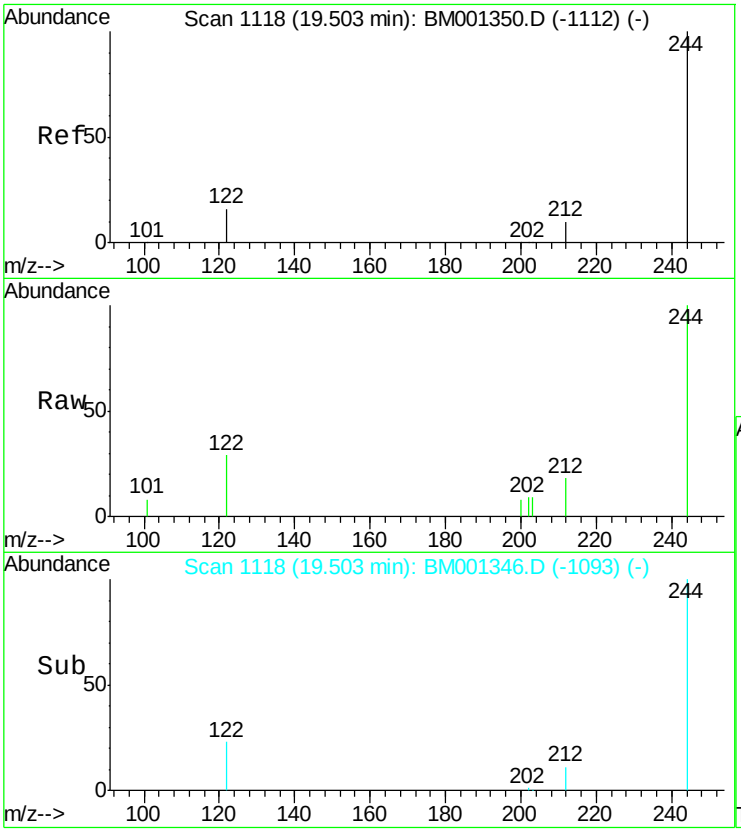


#26
Pyrene
Concen: 0.10 ng
RT: 19.29 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:202 Resp: 2130

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.7	13.9	20.9





#27
Terphenyl-d14
Concen: 0.10 ng
RT: 19.50 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:244 Resp: 928

Ion	Ratio	Lower	Upper
244	100		
212	17.8	8.5	12.7#
122	29.4	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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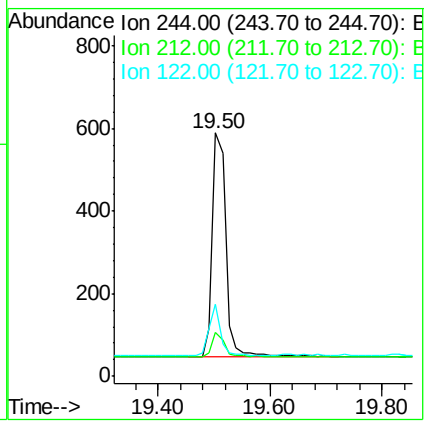
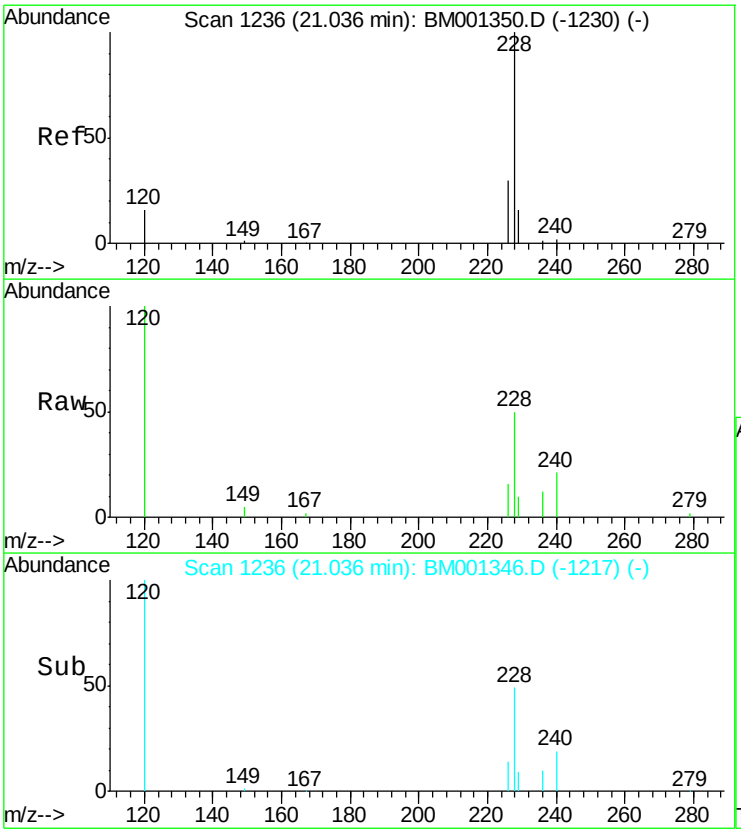
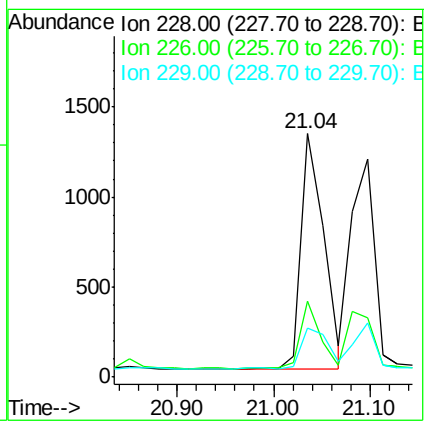


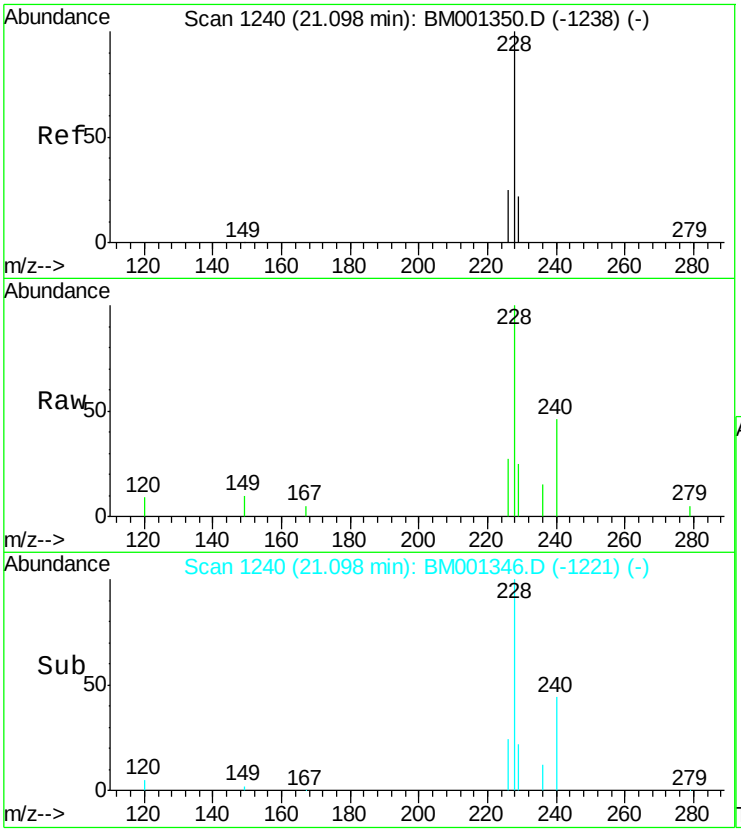


#28
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.04 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:228 Resp: 2128

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	20.3	13.3	19.9#

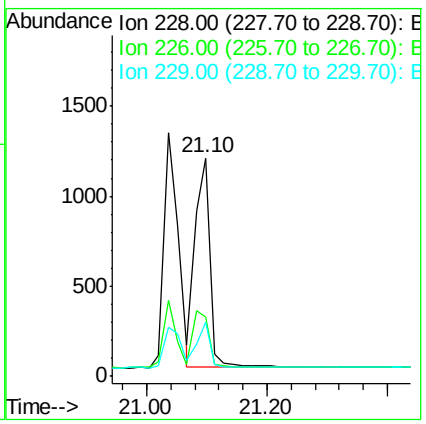




#29
Chrysene
Concen: 0.11 ng
RT: 21.10 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:228 Resp: 2041

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.0	30.0
229	24.9	17.6	26.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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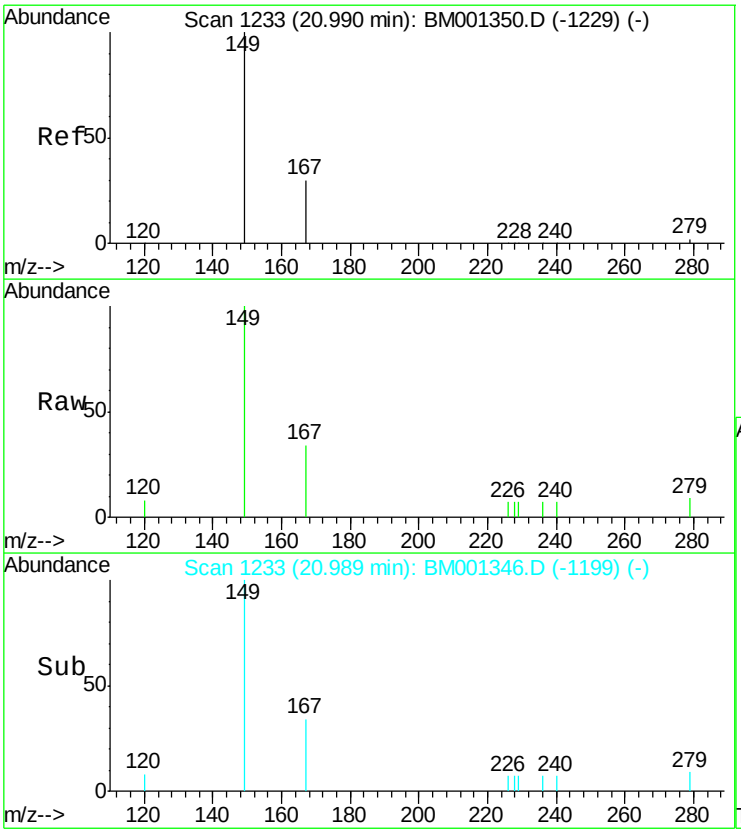
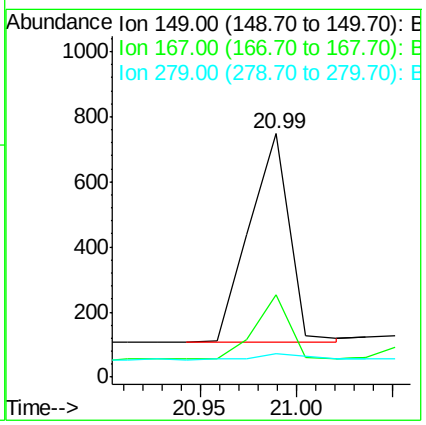
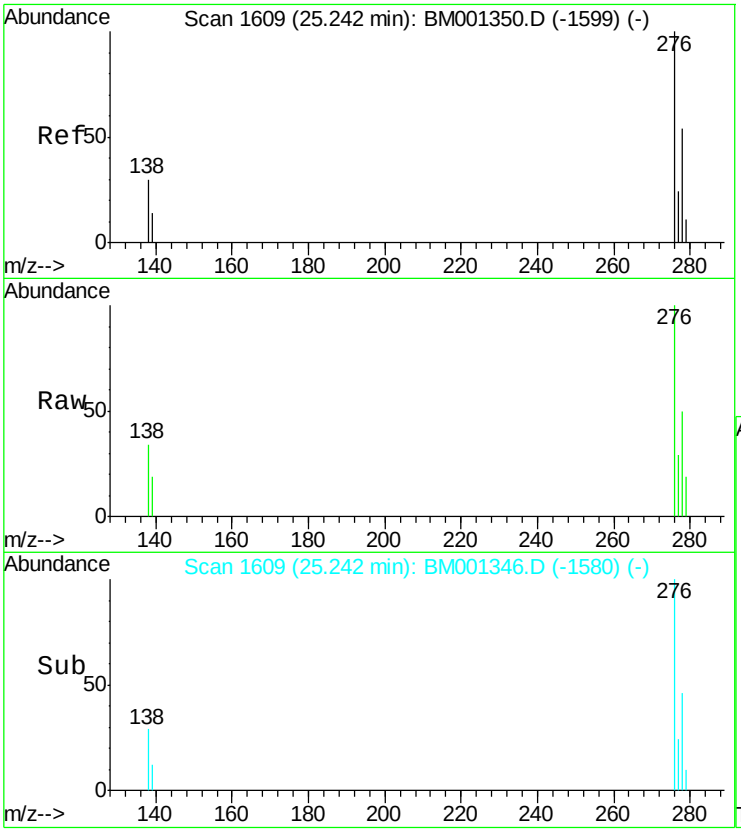


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 20.99 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:149 Resp: 936

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.6	32.4
279	0.0	1.9	2.9#

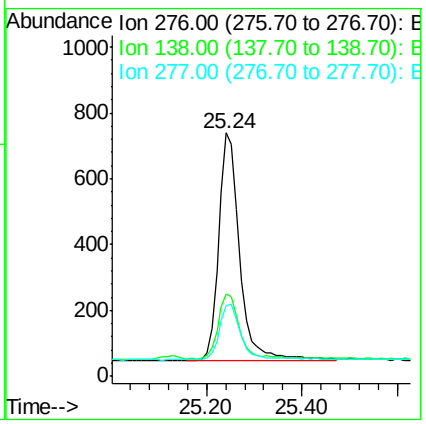




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.24 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:276 Resp: 2112

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	24.3	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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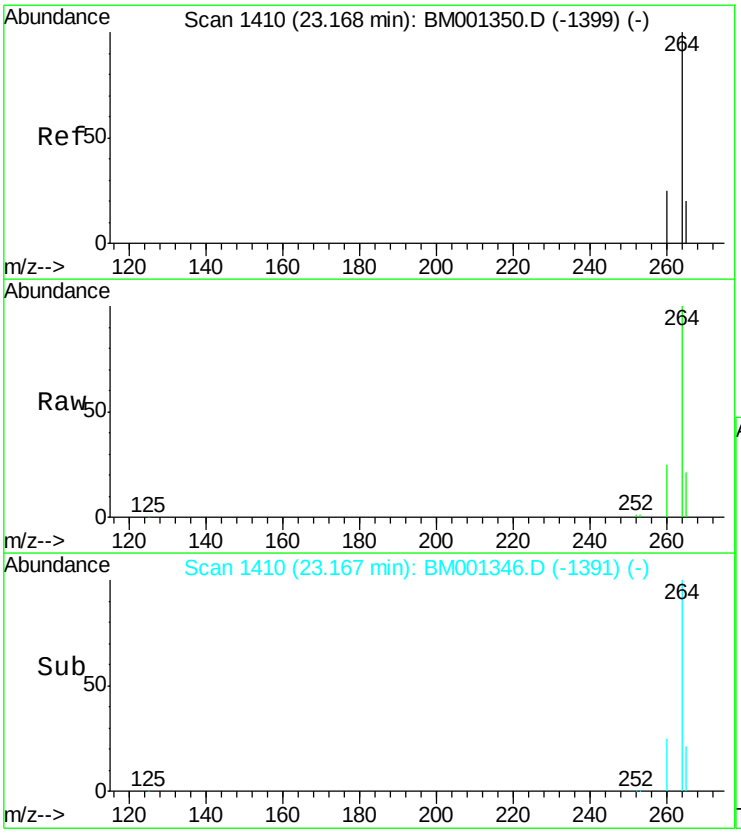
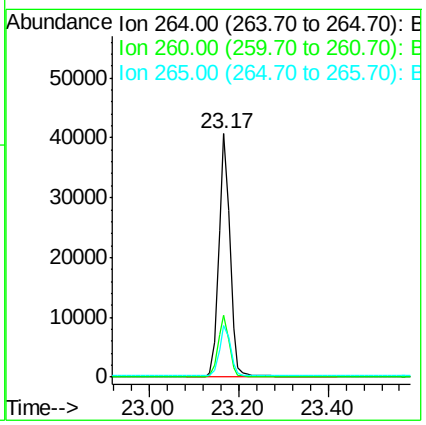
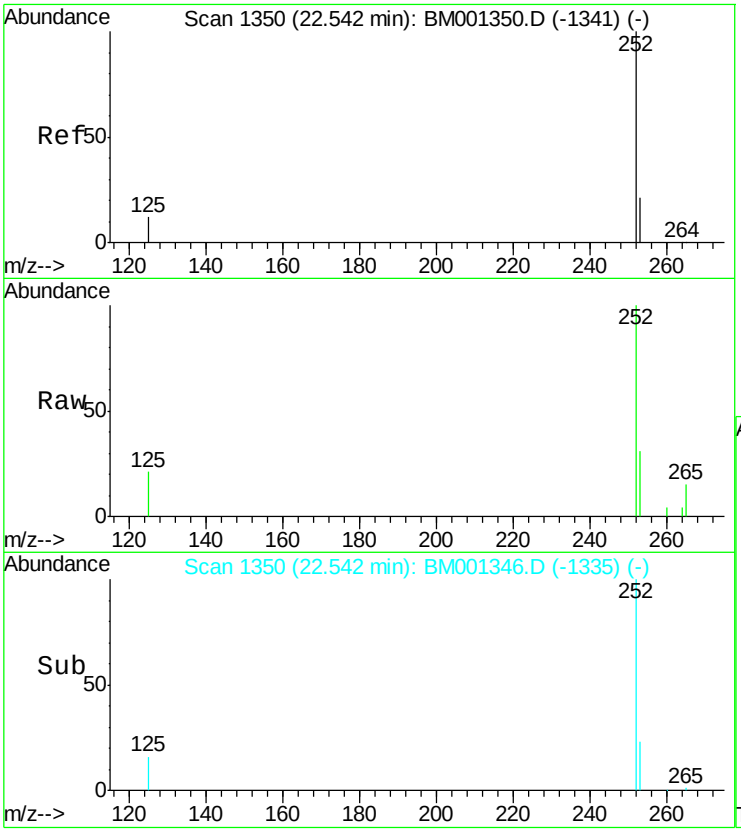


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:264 Resp: 69965

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.2	16.6	24.8





#33
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.54 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:252 Resp: 2057

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.9	26.9#
125	21.3	9.8	14.8#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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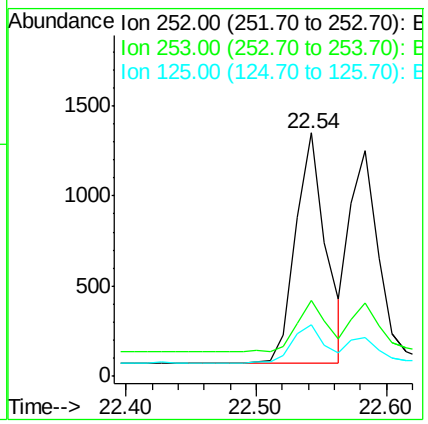
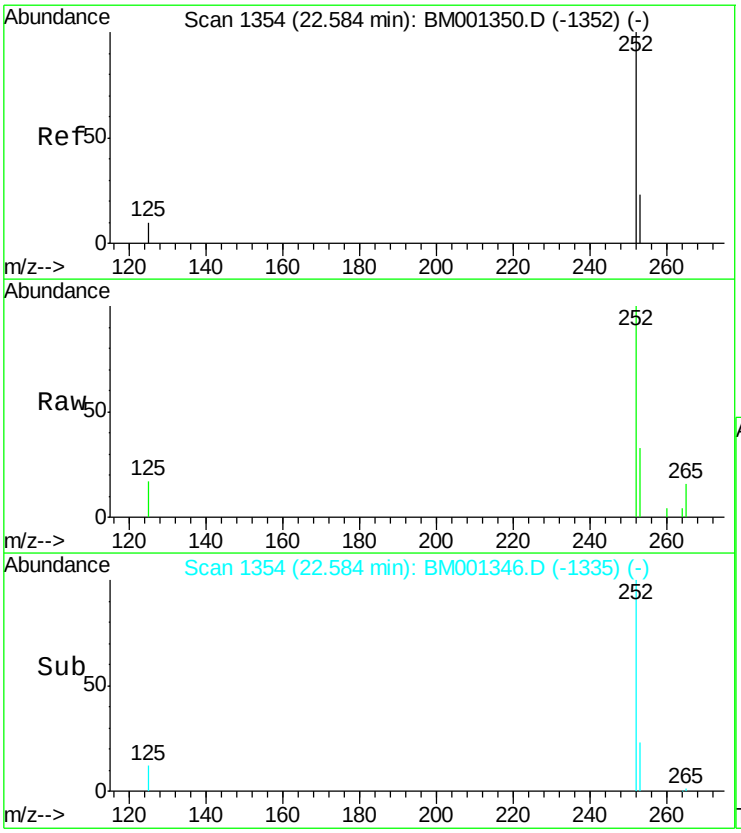
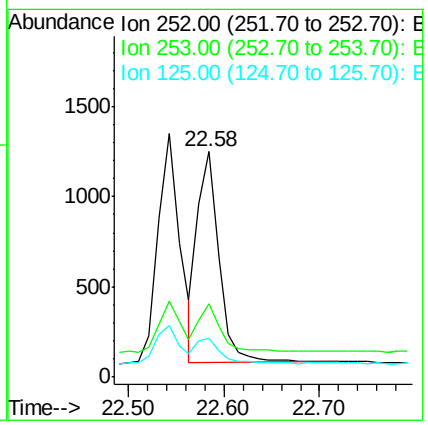


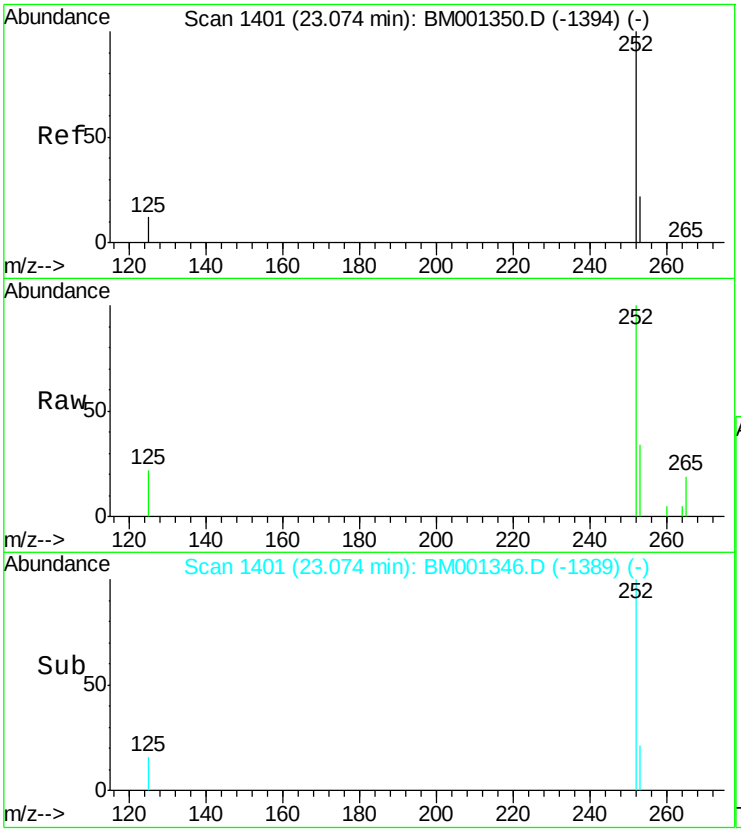


#34
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.58 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:252 Resp: 1838

Ion	Ratio	Lower	Upper
252	100		
253	32.8	18.6	28.0#
125	17.1	9.3	13.9#





#35
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.07 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:252 Resp: 1760

Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.9	28.3#
125	21.8	10.6	15.8#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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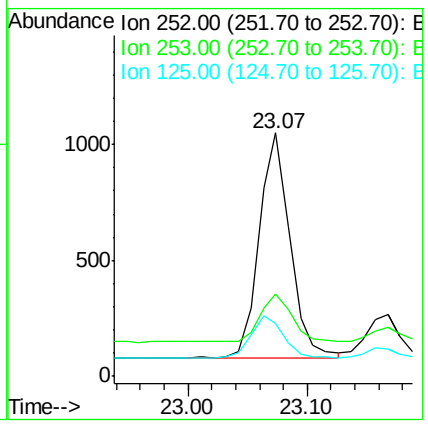
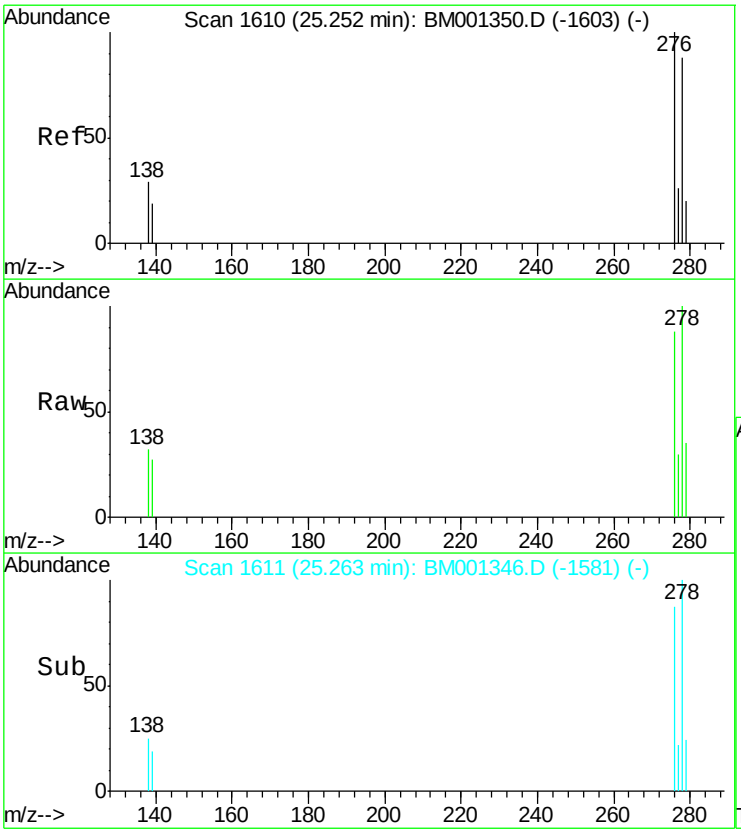
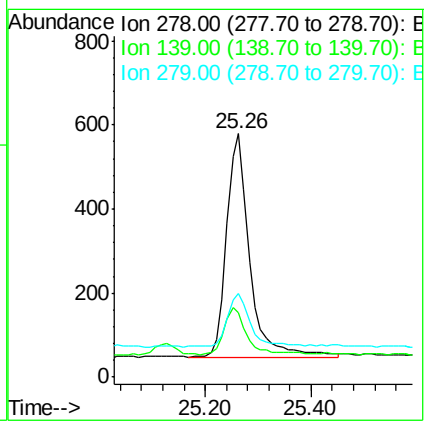


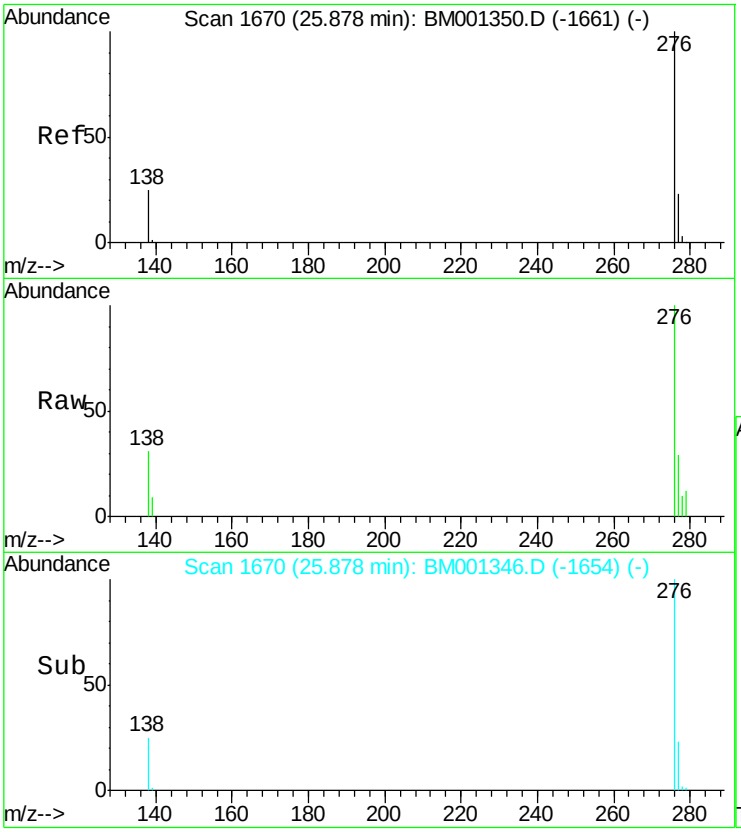


#36
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.26 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:278 Resp: 1609

Ion	Ratio	Lower	Upper
278	100		
139	26.6	17.5	26.3#
279	34.5	18.7	28.1#

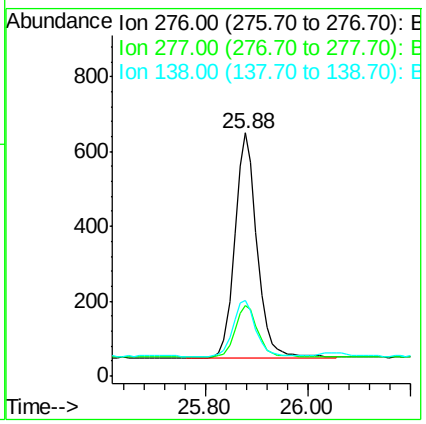




#37
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 25.88 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM001346.D
Acq: 21 May 2015 05:37

Tgt Ion:276 Resp: 1810

Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.2	28.8#
138	31.2	20.2	30.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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