Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001363.D
Acq On : 21 May 2015 16:20
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
apatel
5/21/2015 8:54:06 PM

Quant Time: May 21 17:05:38 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 11:08:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11444	5.00	ng		0.00
6) Naphthalene-d8	10.20	136	46856	5.00	ng		0.00
12) Acenaphthene-d10	14.11	164	30502	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	68939	5.00	ng		0.00
25) Chrysene-d12	21.07	240	70186	5.00	ng		0.00
32) Perylene-d12	23.17	264	66059	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	2338	1.05	ng		0.00
5) Phenol-d6	6.61	99	2988	1.08	ng		0.00
7) Nitrobenzene-d5	8.59	82	2674	1.06	ng		0.00
13) 2,4,6-Tribromophenol	15.59	330	1088	0.95	ng		0.00
14) 2-Fluorobiphenyl	12.72	172	9479	1.04	ng		0.00
27) Terphenyl-d14	19.50	244	9506	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	1396	1.36	ng		91
3) n-Nitrosodimethylamine	3.23	42	1417	1.10	ng	#	97
8) Nitrobenzene	8.63	77	2825	1.00	ng		100
9) Naphthalene	10.25	128	10458	1.05	ng		100
10) Hexachlorobutadiene	10.54	225	2023	1.05	ng		100
11) 2-Methylnaphthalene	11.89	142	7514	1.06	ng		99
15) Acenaphthylene	13.82	152	13429	1.05	ng		100
16) Acenaphthene	14.17	154	8427	1.05	ng		99
17) Fluorene	15.15	166	6705	1.04	ng		94
19) 4-Bromophenyl-phenylether	16.04	248	3402	0.90	ng		97
20) Hexachlorobenzene	16.17	284	4916	0.97	ng	#	98
21) Pentachlorophenol	16.51	266	1704	0.96	ng		98
22) Phenanthrene	16.89	178	24207m	1.00	ng		
23) Anthracene	16.99	178	9322m	0.99	ng		
24) Fluoranthene	18.92	202	20581	0.99	ng		100
26) Pyrene	19.29	202	22132	1.03	ng		100
28) Benzo(a)anthracene	21.04	228	20190	1.01	ng		99
29) Chrysene	21.10	228	19676	1.02	ng		98
30) Bis(2-ethylhexyl)phthalate	20.99	149	11192	1.06	ng		99
31) Indeno(1,2,3-cd)pyrene	25.24	276	21008	1.01	ng		100
33) Benzo(b)fluoranthene	22.54	252	20126	0.99	ng		100
34) Benzo(k)fluoranthene	22.58	252	19252	1.07	ng		98
35) Benzo(a)pyrene	23.07	252	17949	1.04	ng		98
36) Dibenzo(a,h)anthracene	25.26	278	16251	1.02	ng		97
37) Benzo(g,h,i)perylene	25.88	276	17418	1.02	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001363.D
Acq On : 21 May 2015 16:20
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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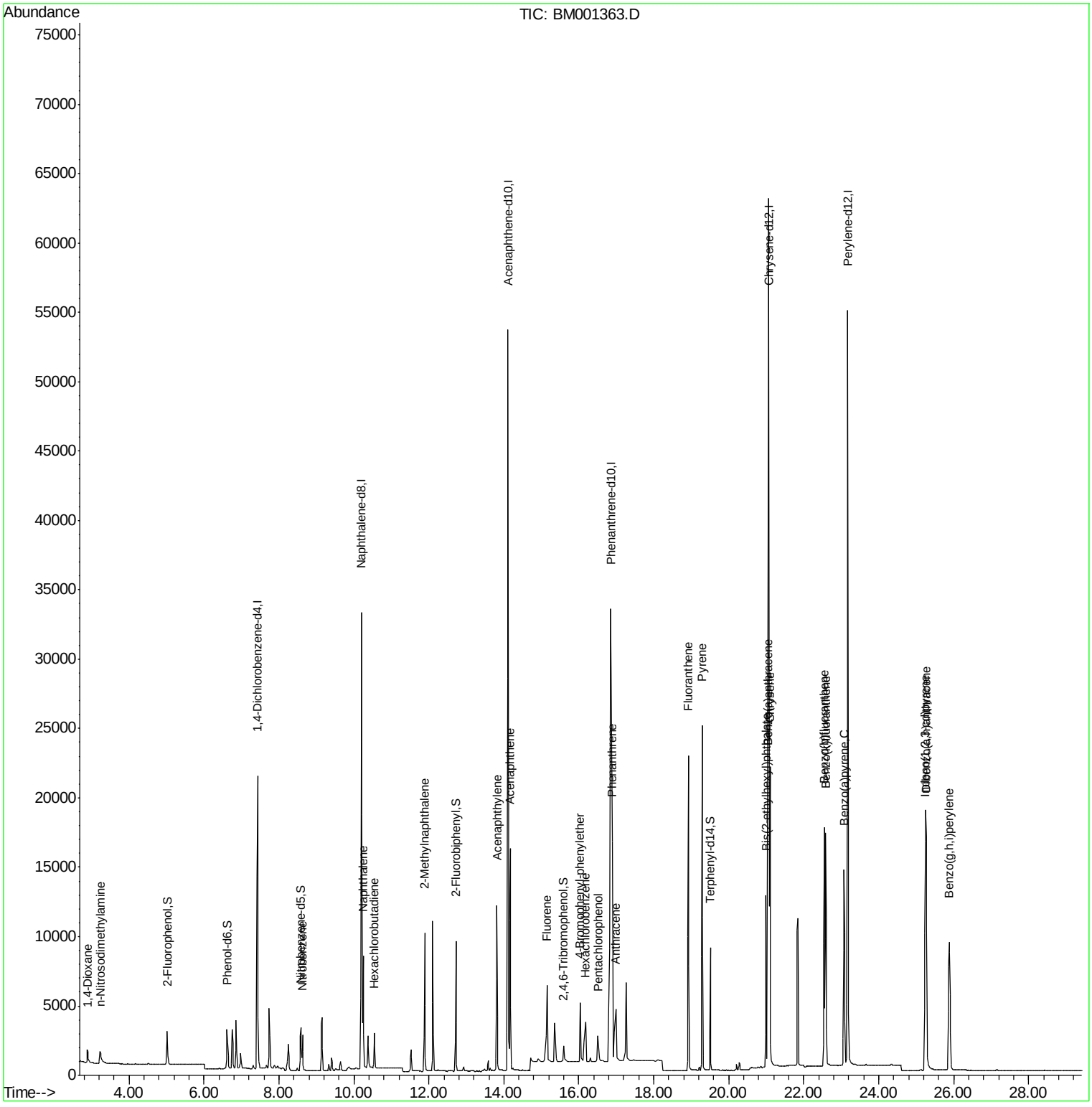
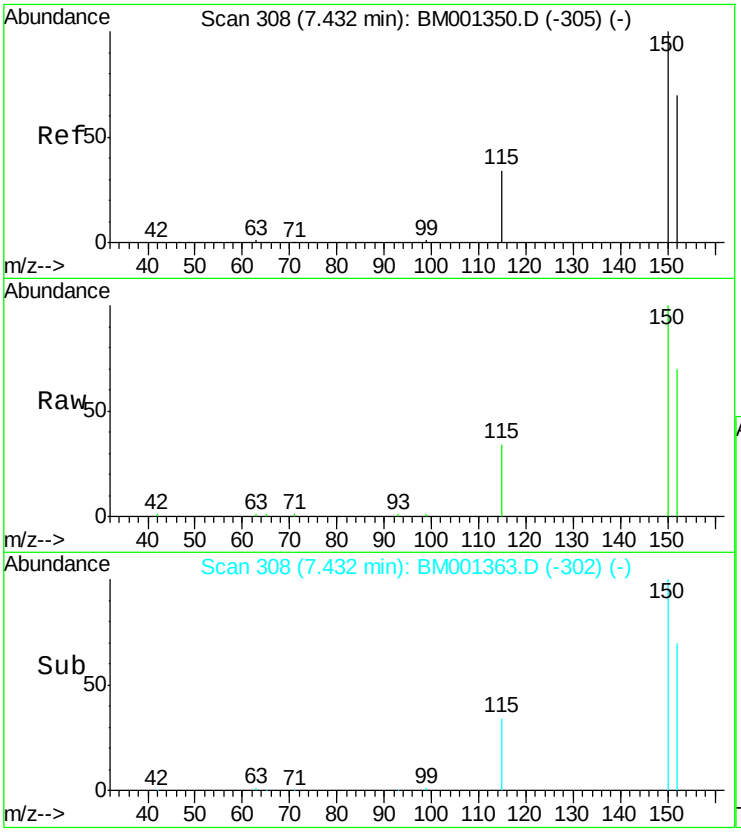
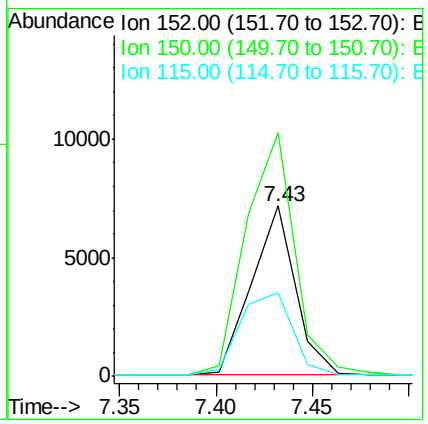




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:152 Resp: 11444

Ion	Ratio	Lower	Upper
152	100		
150	142.8	114.1	171.1
115	49.0	39.2	58.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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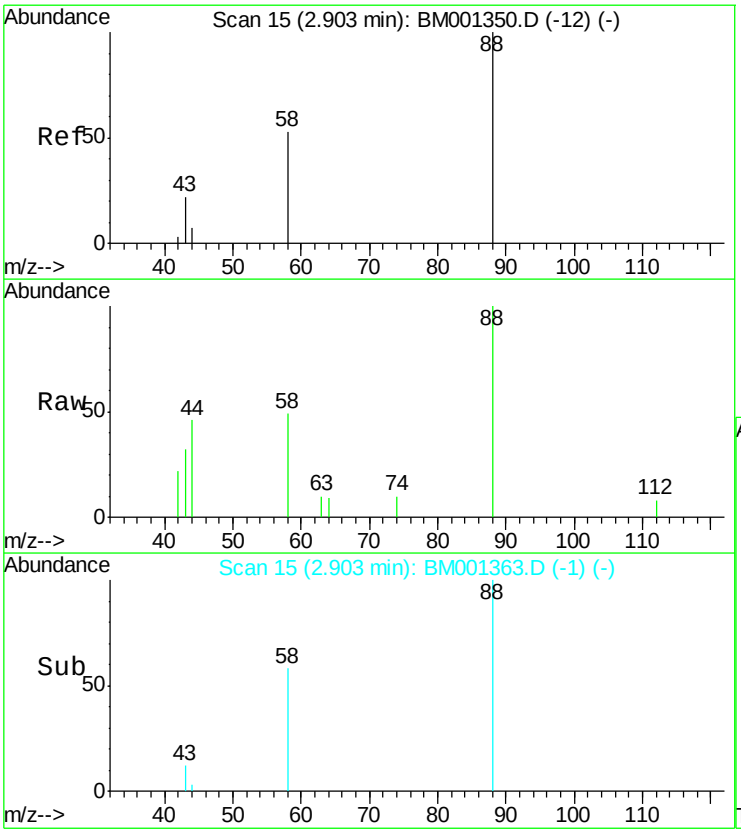
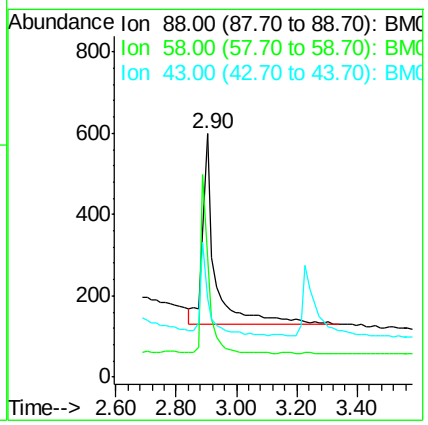
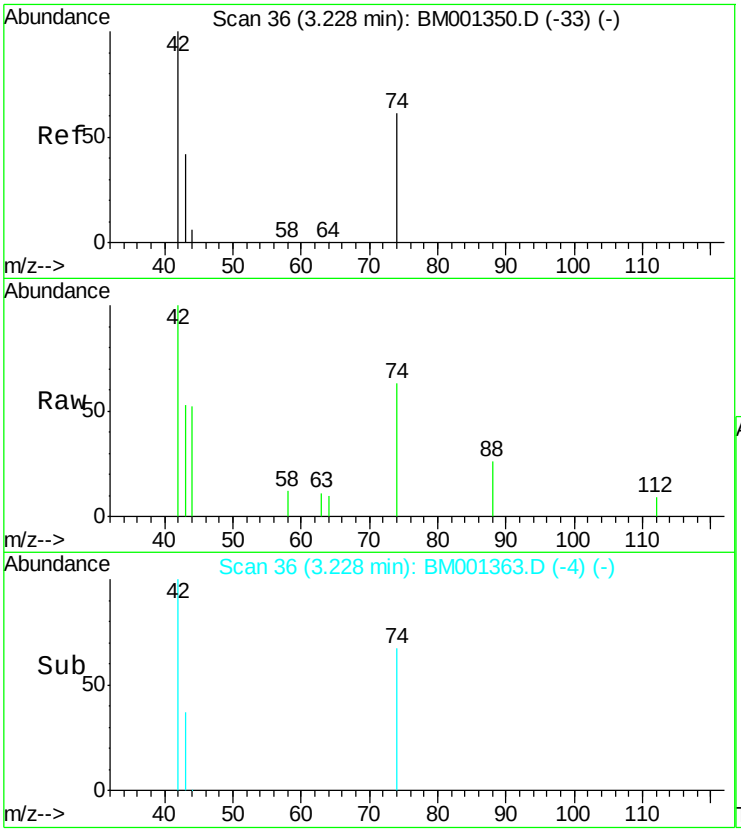


#2
1,4-Dioxane
Concen: 1.36 ng
RT: 2.90 min Scan# 15
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion: 88 Resp: 1396

Ion	Ratio	Lower	Upper
88	100		
58	58.0	53.1	79.7
43	31.5	27.8	41.8

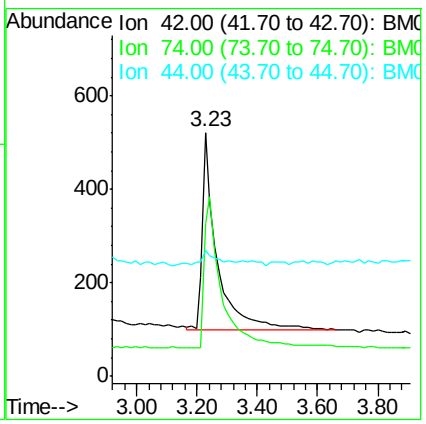




#3
n-Nitrosodimethylamine
Concen: 1.10 ng
RT: 3.23 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion: 42 Resp: 1417

Ion	Ratio	Lower	Upper
42	100		
74	89.4	70.0	105.0
44	8.8	3.6	5.4#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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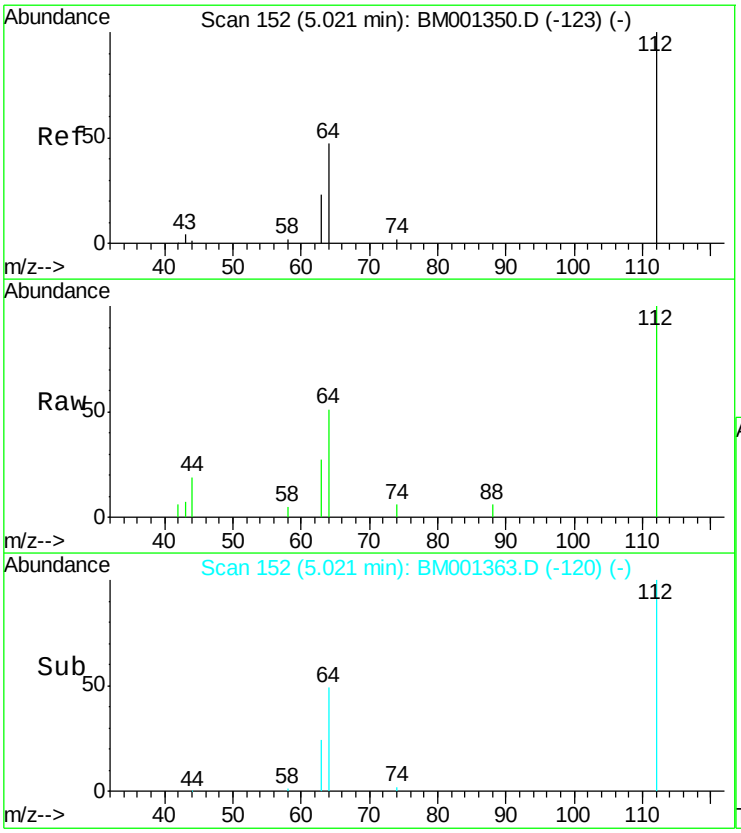
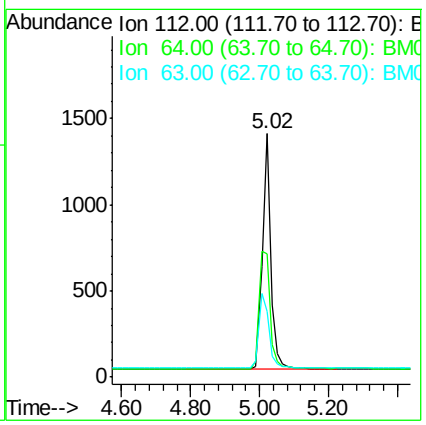
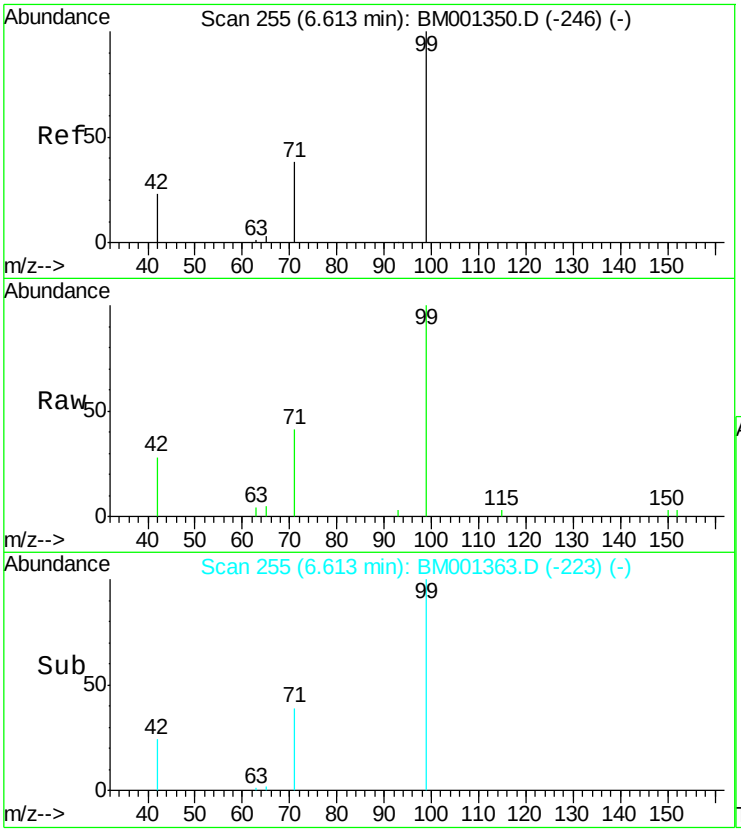


#4
2-Fluorophenol
Concen: 1.05 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:112 Resp: 2338

Ion	Ratio	Lower	Upper
112	100		
64	63.6	52.9	79.3
63	36.7	29.6	44.4

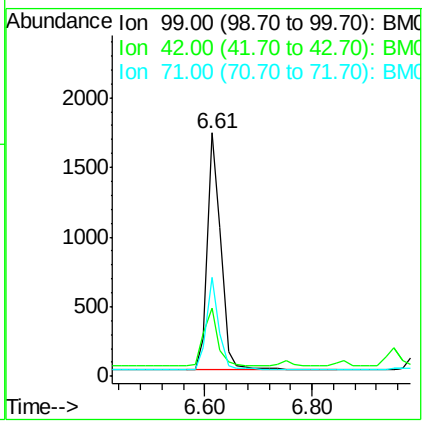




#5
Phenol-d6
Concen: 1.08 ng
RT: 6.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion: 99 Resp: 2988

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.2
71	36.3	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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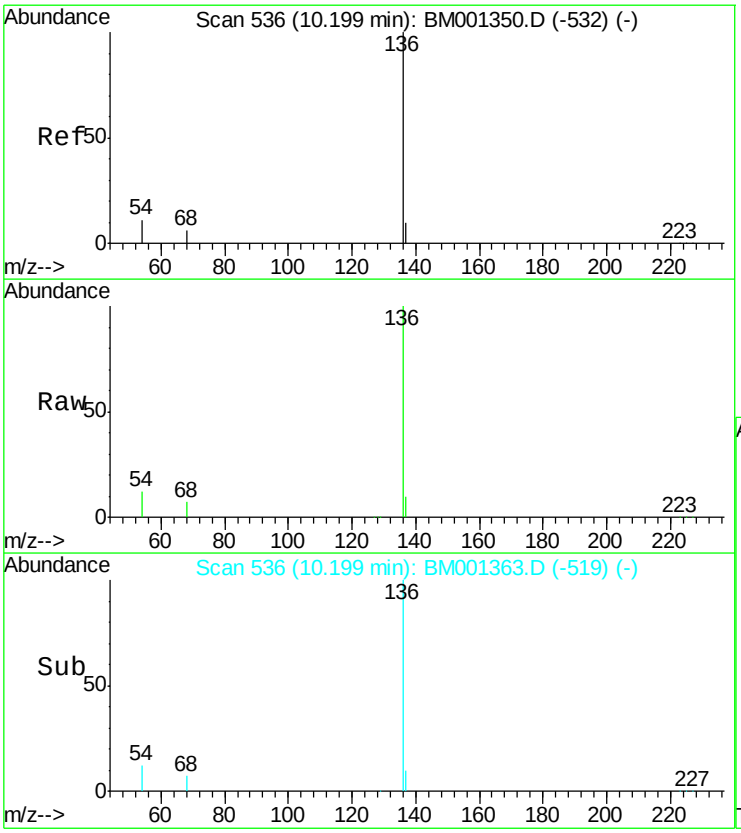
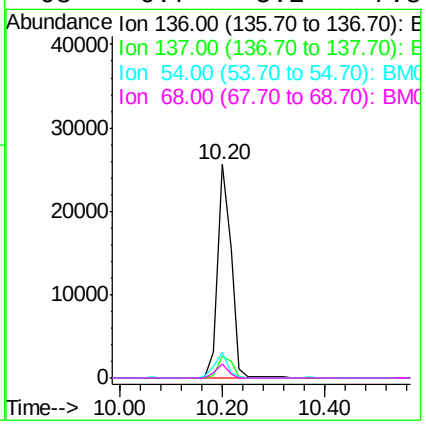
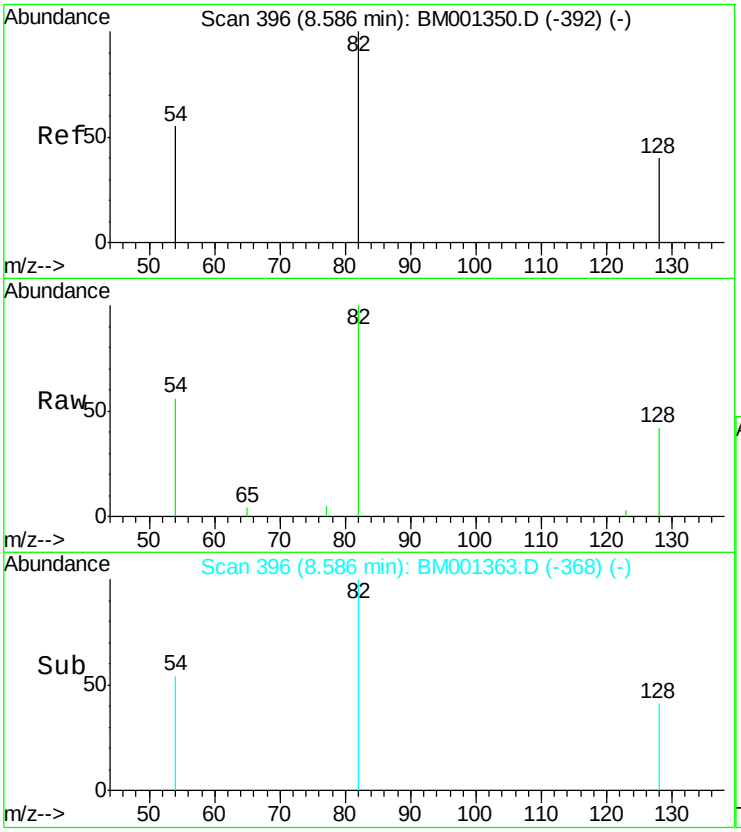


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.20 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:136 Resp: 46856

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.9	9.4	14.0
68	6.7	5.2	7.8

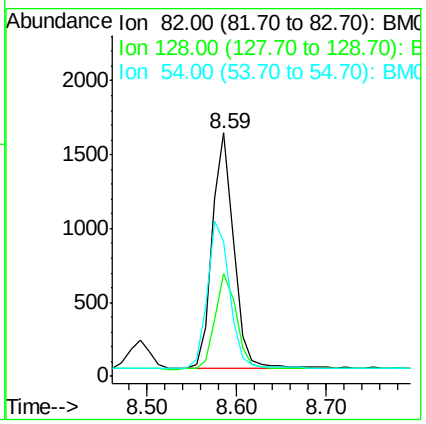




#7
Nitrobenzene-d5
Concen: 1.06 ng
RT: 8.59 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion: 82 Resp: 2674

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.5	50.3
54	55.6	45.1	67.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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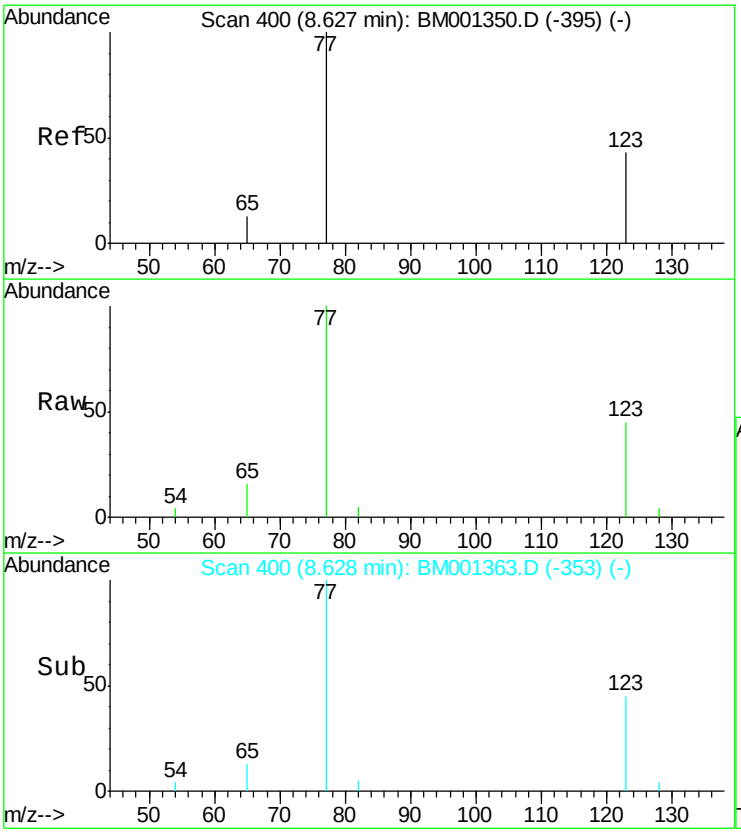
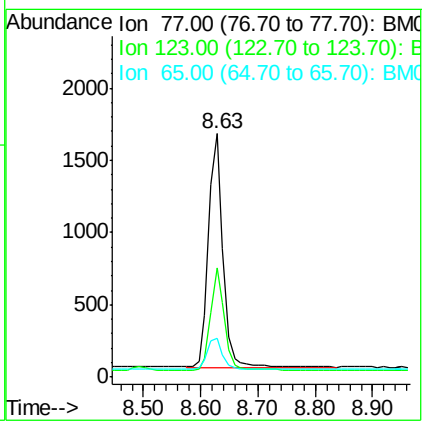
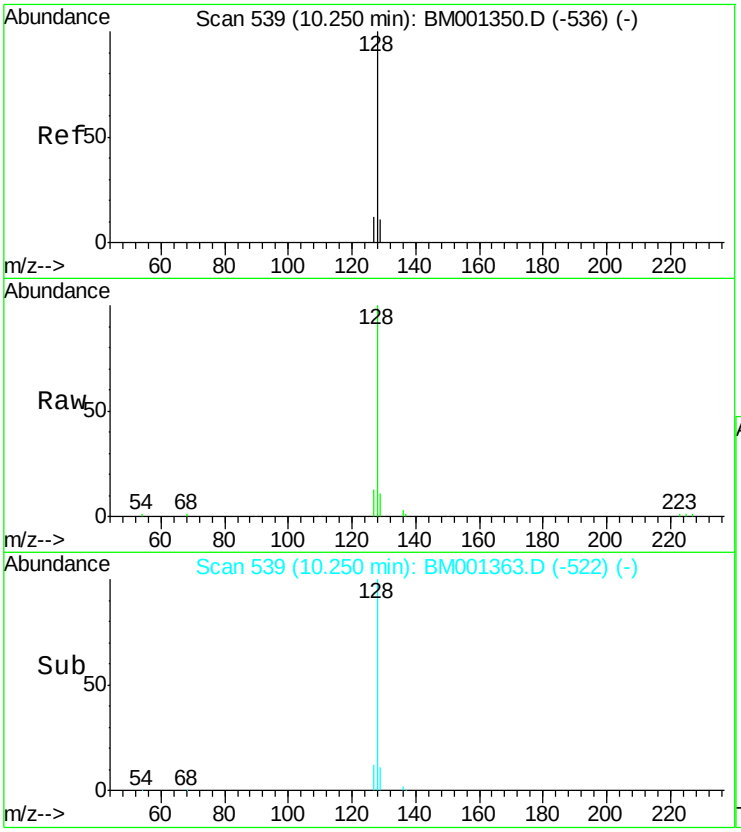


#8
Nitrobenzene
Concen: 1.00 ng
RT: 8.63 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion: 77 Resp: 2825

Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.6	50.4
65	13.9	11.3	16.9

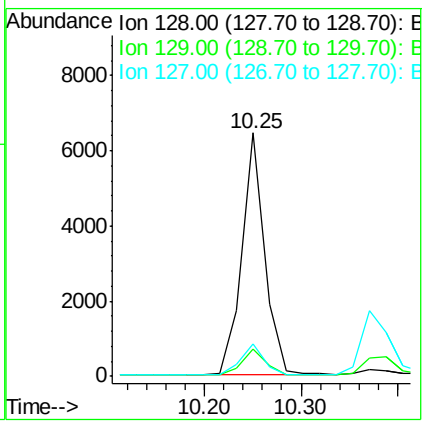




#9
Naphthalene
Concen: 1.05 ng
RT: 10.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:128 Resp: 10458

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.4	15.6



Instrument :
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ClientSampleId :
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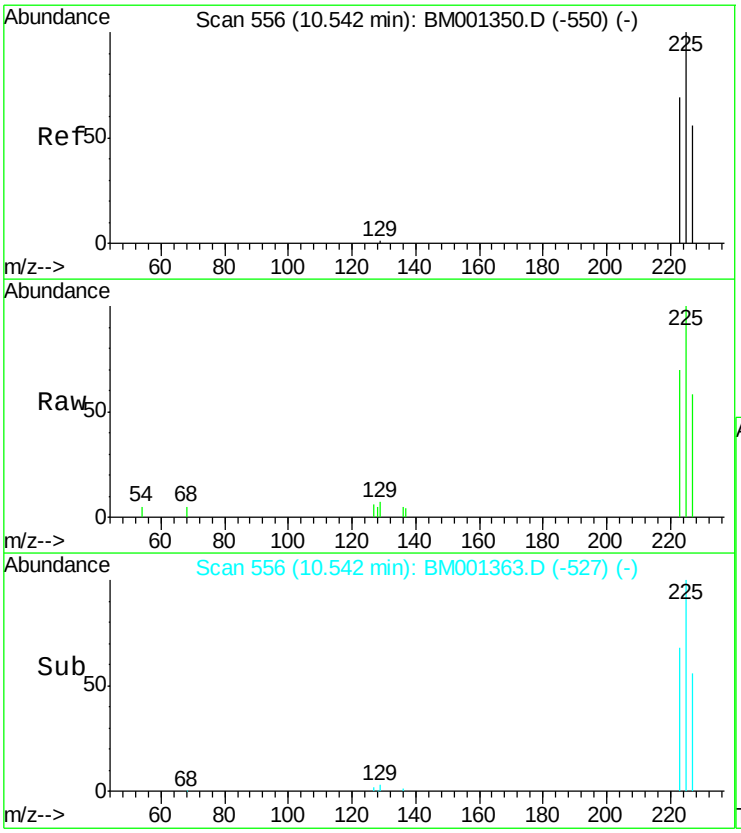
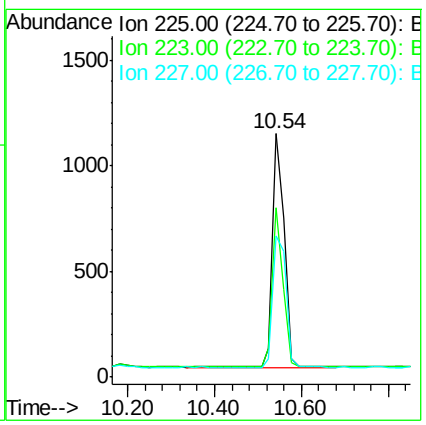
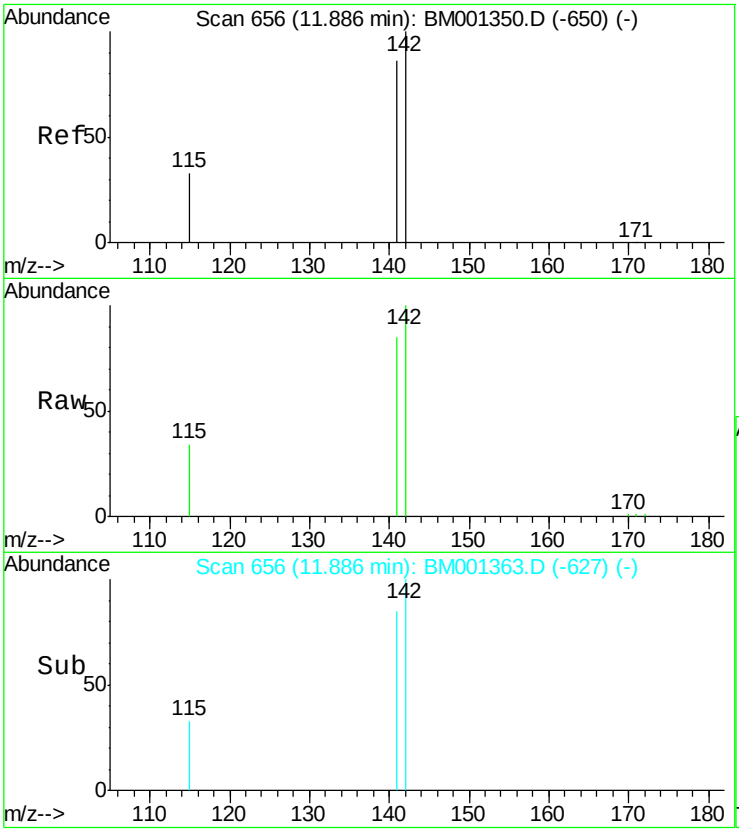


#10
Hexachlorobutadiene
Concen: 1.05 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:225 Resp: 2023

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	63.6	50.6	75.8

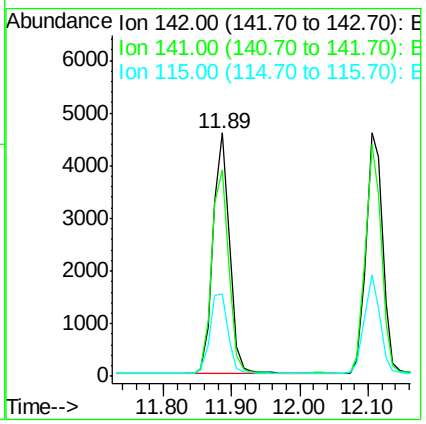




#11
2-Methylnaphthalene
Concen: 1.06 ng
RT: 11.89 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:142 Resp: 7514

Ion	Ratio	Lower	Upper
142	100		
141	84.8	69.0	103.4
115	34.0	27.1	40.7



Instrument :
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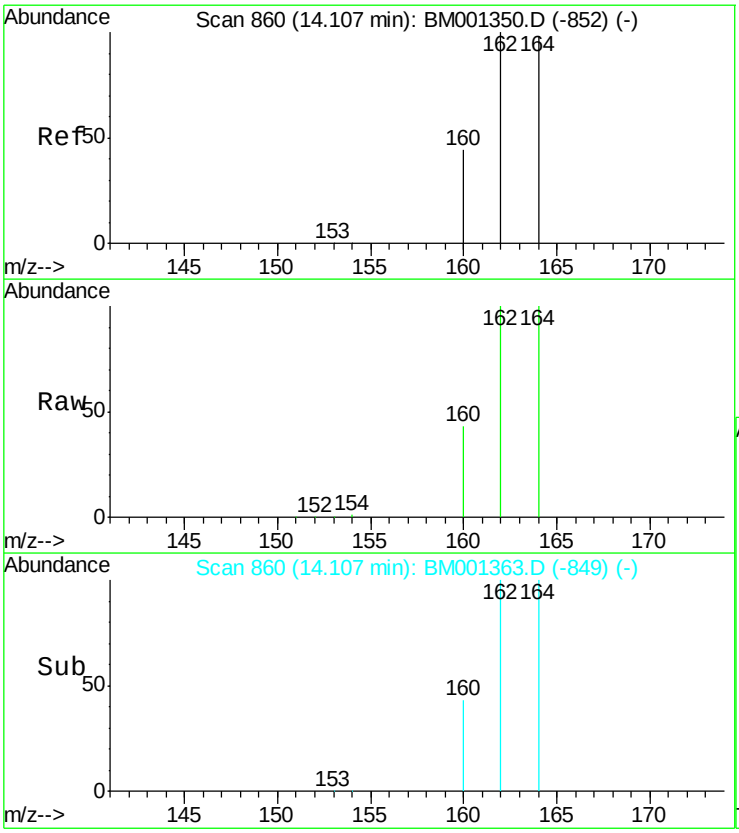
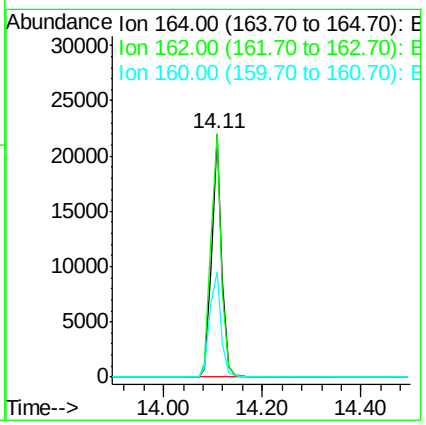
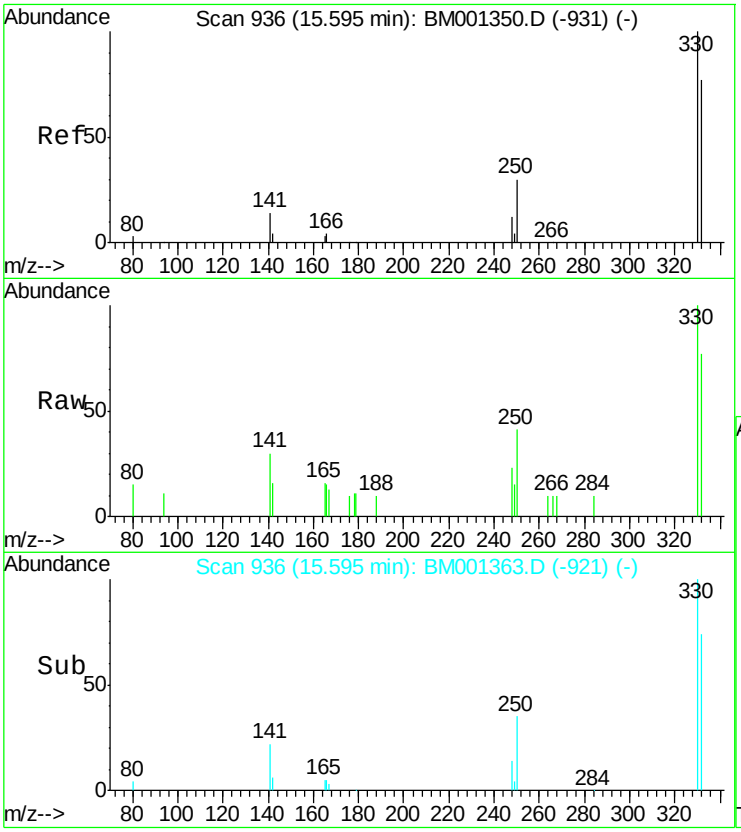


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:164 Resp: 30502

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.8
160	43.3	35.8	53.8

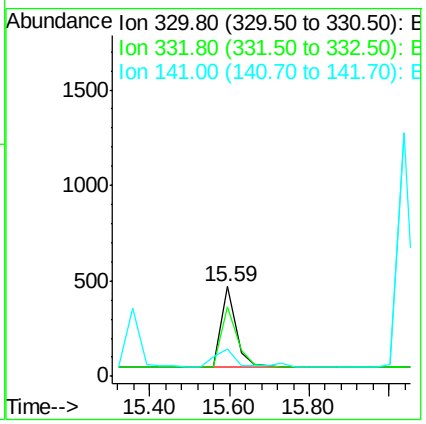




#13
2,4,6-Tribromophenol
Concen: 0.95 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:330 Resp: 1088

Ion	Ratio	Lower	Upper
330	100		
332	83.2	65.4	98.2
141	30.3	20.2	30.4



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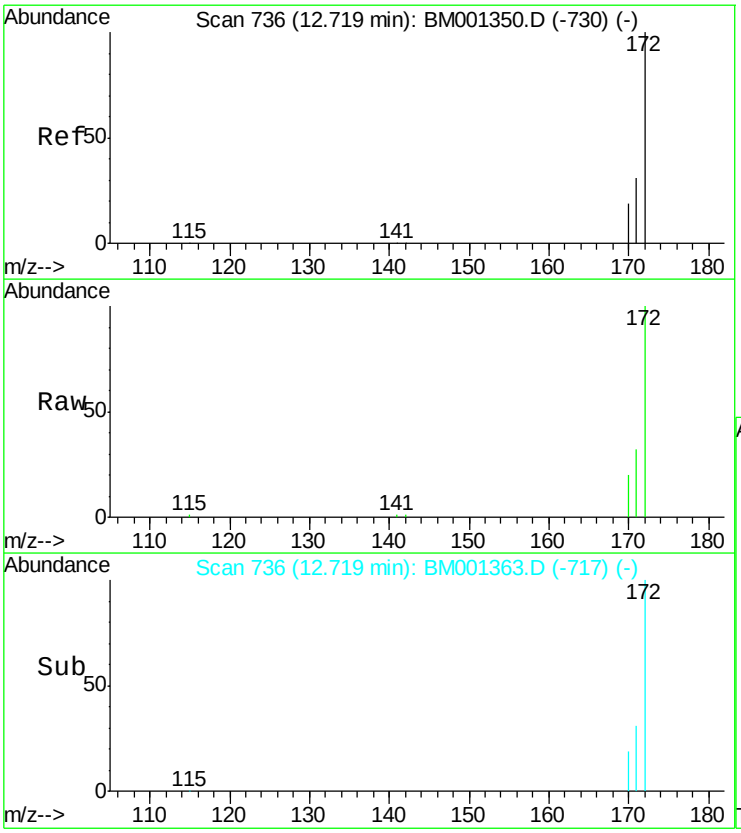
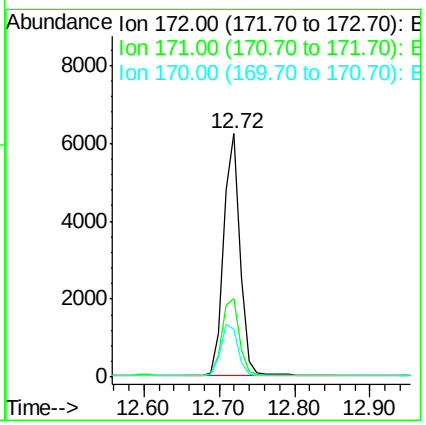
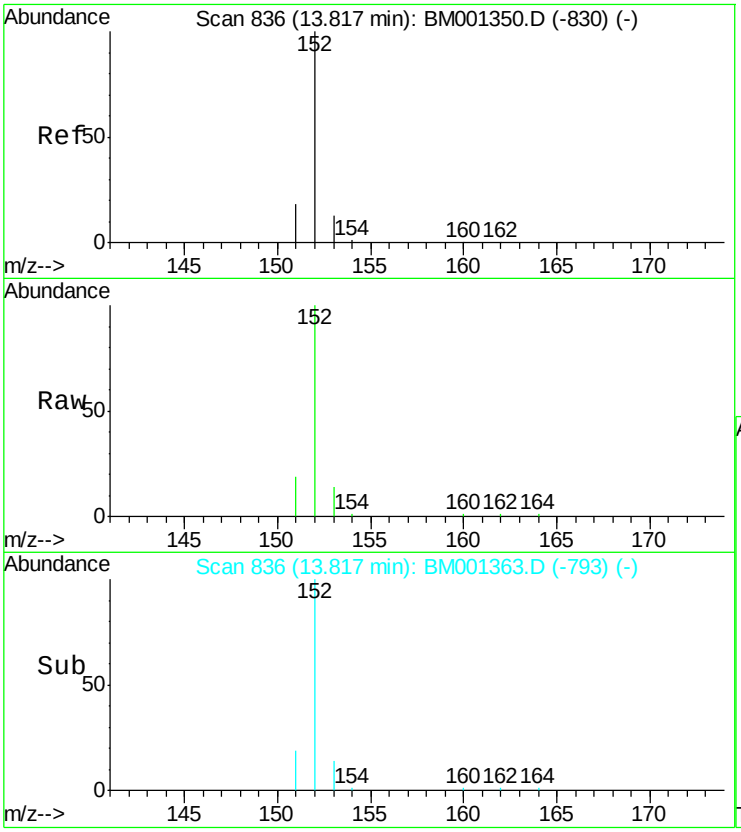


#14
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 12.72 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:172 Resp: 9479

Ion	Ratio	Lower	Upper
172	100		
171	32.2	25.4	38.2
170	19.6	15.7	23.5

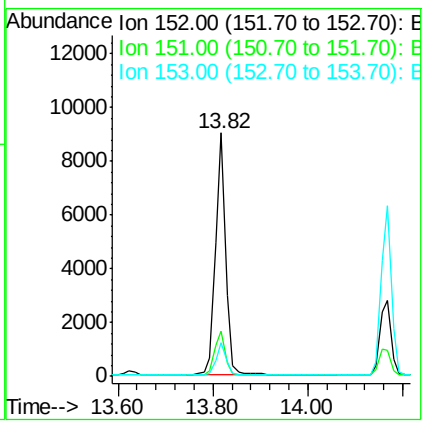




#15
Acenaphthylene
Concen: 1.05 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:152 Resp: 13429

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9
153	13.0	10.3	15.5



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ClientSampleId :
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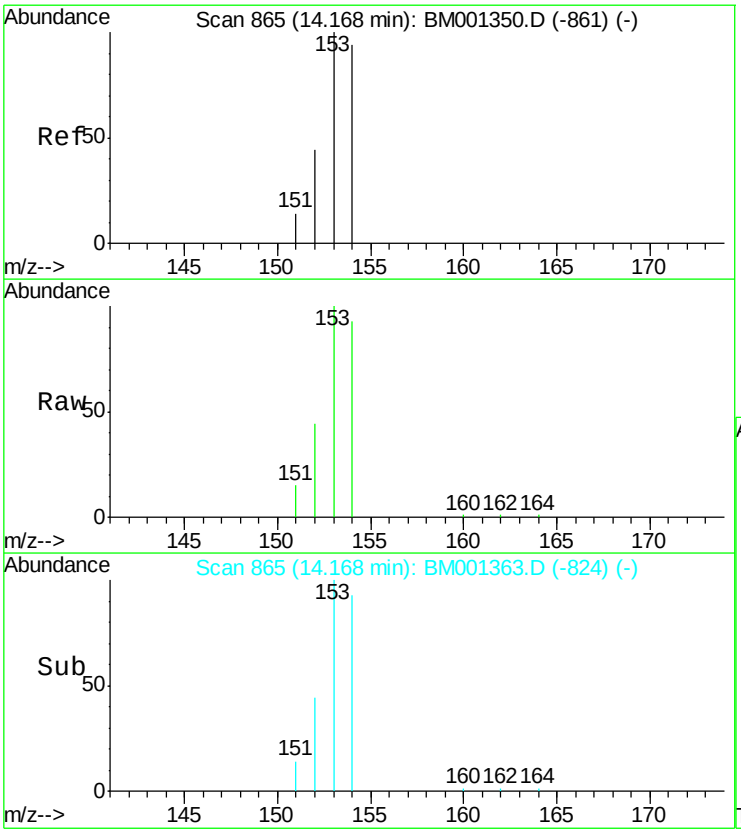
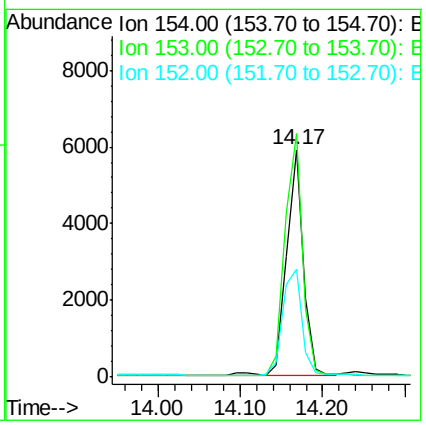
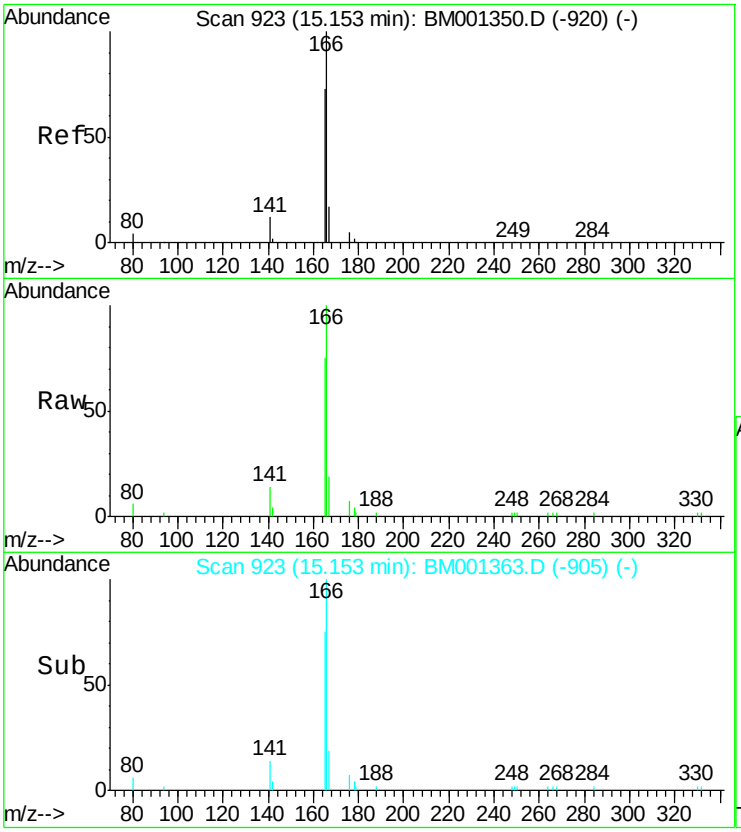


#16
Acenaphthene
Concen: 1.05 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:154 Resp: 8427

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.6	135.8
152	53.3	43.6	65.4

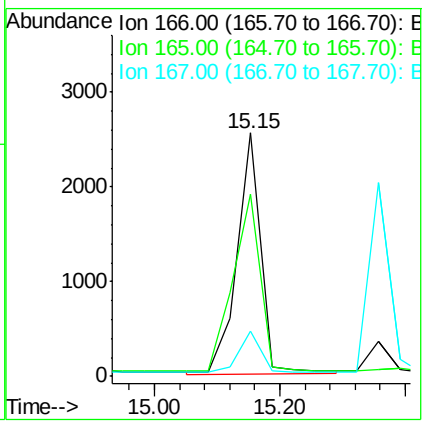




#17
Fluorene
Concen: 1.04 ng
RT: 15.15 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:166 Resp: 6705

Ion	Ratio	Lower	Upper
166	100		
165	84.8	72.5	108.7
167	18.8	16.0	24.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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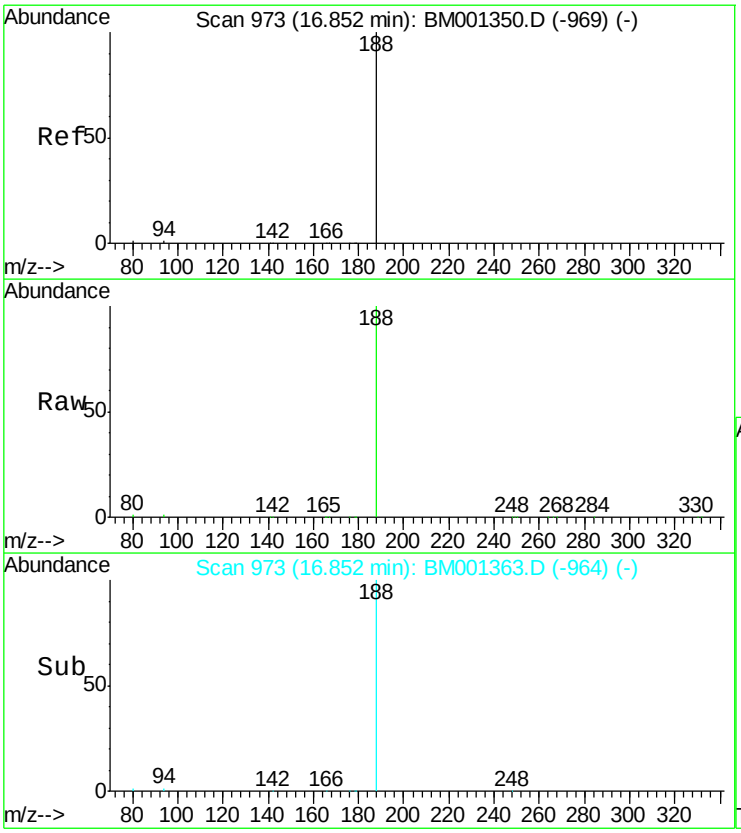
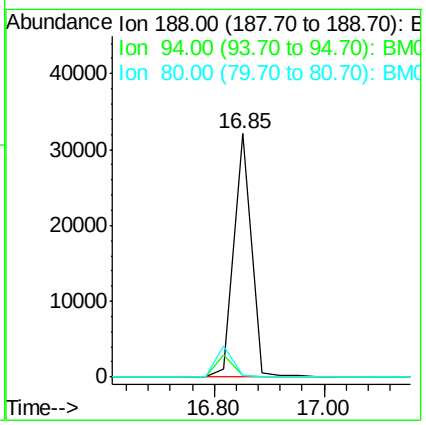
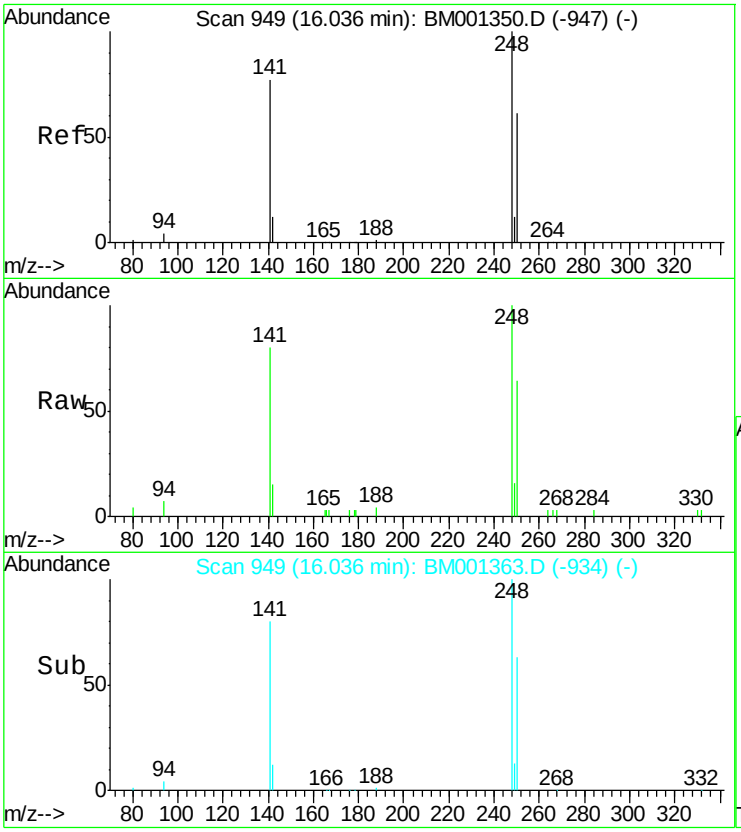


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:188 Resp: 68939

Ion	Ratio	Lower	Upper
188	100		
94	0.9	0.6	1.0
80	0.8	0.6	0.8

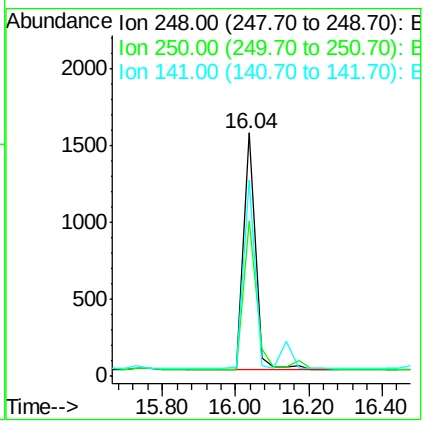




#19
4-Bromophenyl-phenylether
Concen: 0.90 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:248 Resp: 3402

Ion	Ratio	Lower	Upper
248	100		
250	67.0	51.5	77.3
141	76.0	59.0	88.6



Instrument :
BNA_M
ClientSampleId :
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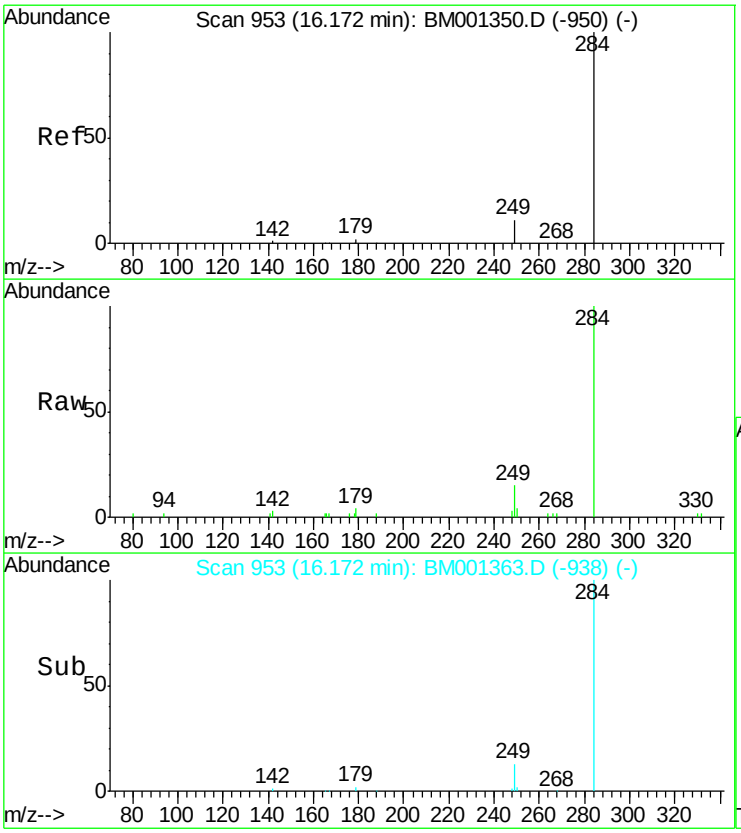
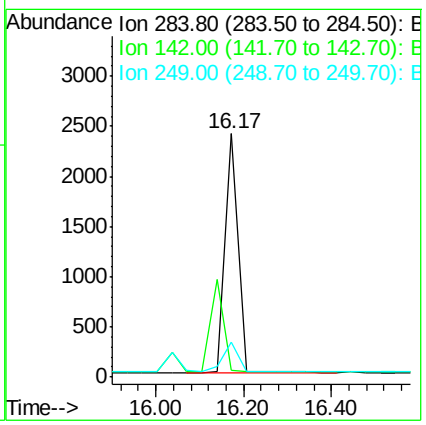
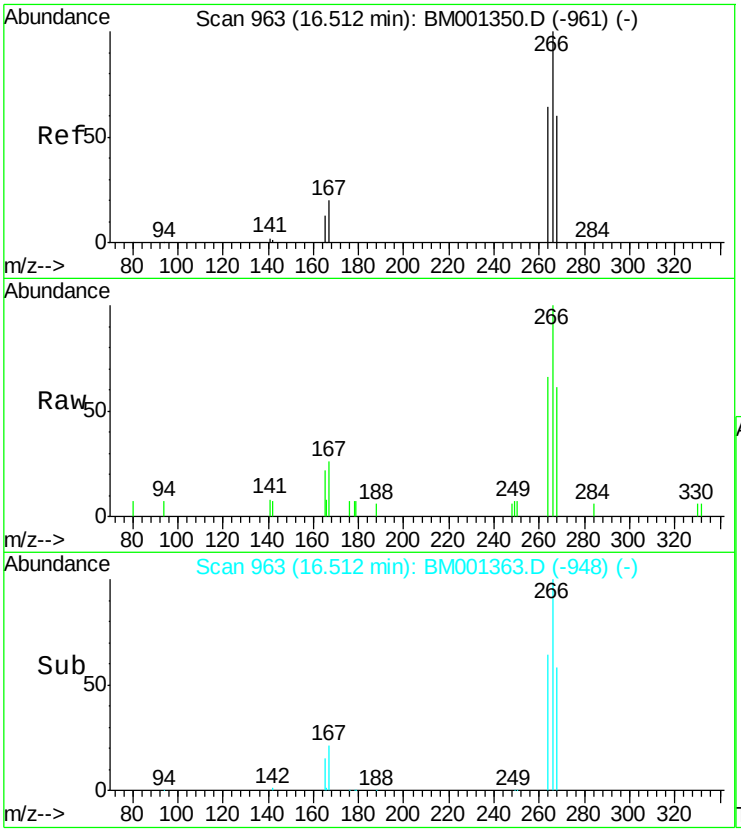


#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.17 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:284 Resp: 4916

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	14.8	11.1	16.7

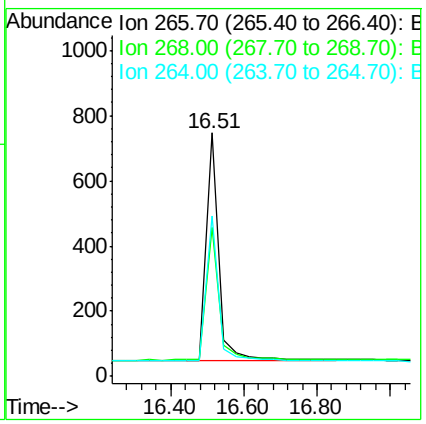




#21
Pentachlorophenol
Concen: 0.96 ng
RT: 16.51 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:266 Resp: 1704

Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.2	76.8
264	65.9	53.7	80.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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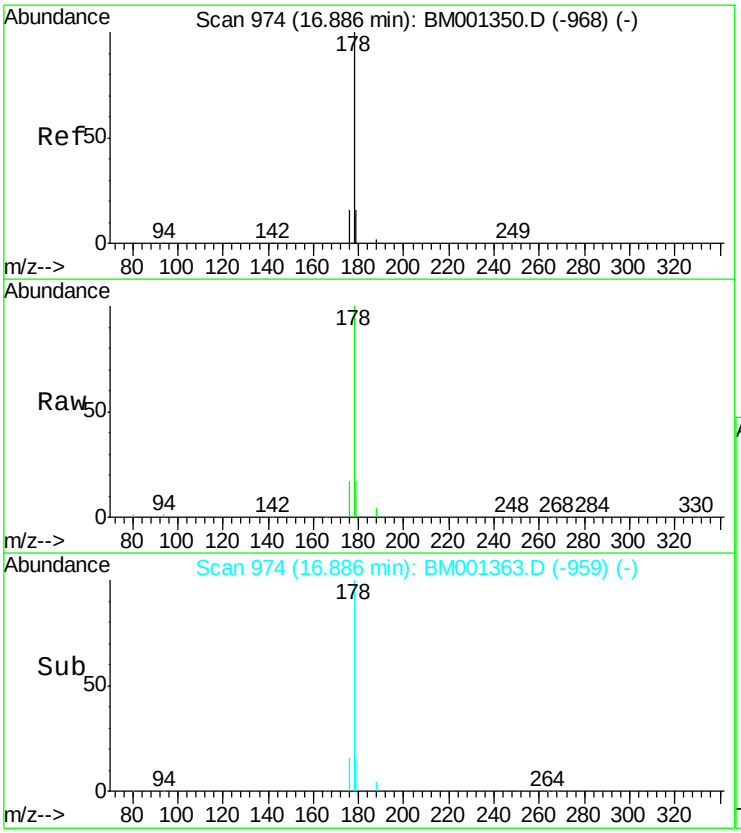
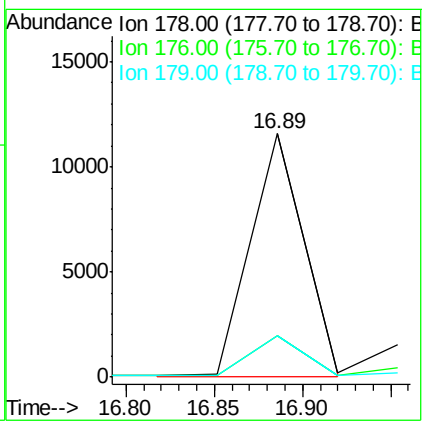
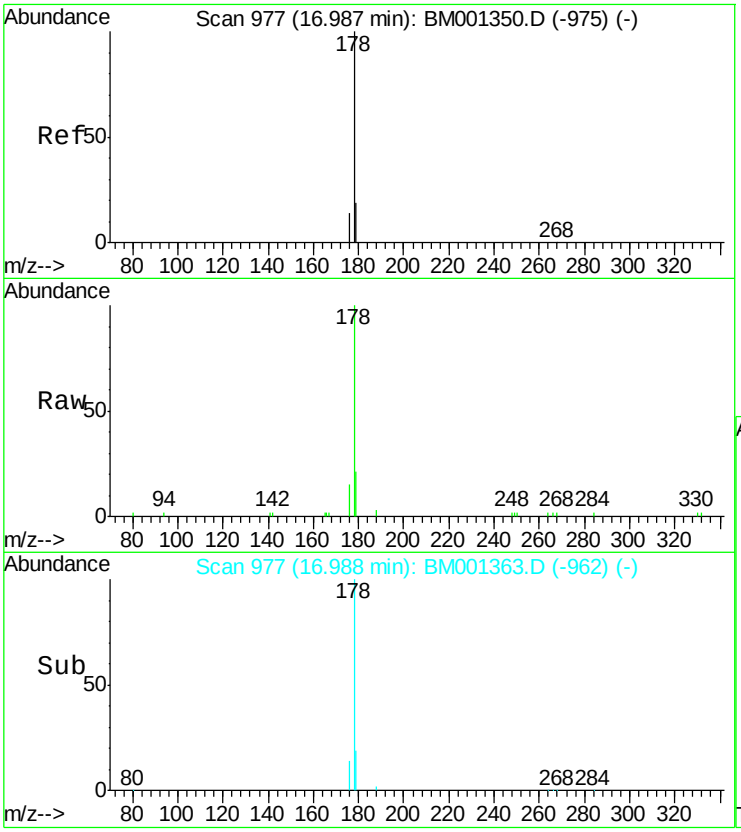


#22
Phenanthrene
Concen: 1.00 ng m
RT: 16.89 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:178 Resp: 24207

Ion	Ratio	Lower	Upper
178	100		
176	23.4	16.6	25.0
179	18.2	12.8	19.2

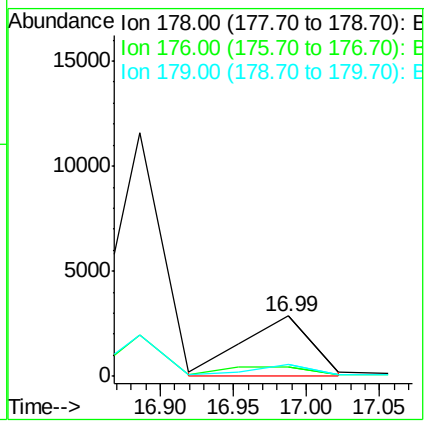




#23
Anthracene
Concen: 0.99 ng m
RT: 16.99 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:178 Resp: 9322

Ion	Ratio	Lower	Upper
178	100		
176	61.0	46.1	69.1
179	47.2	35.4	53.0



Instrument :
BNA_M
ClientSampleId :
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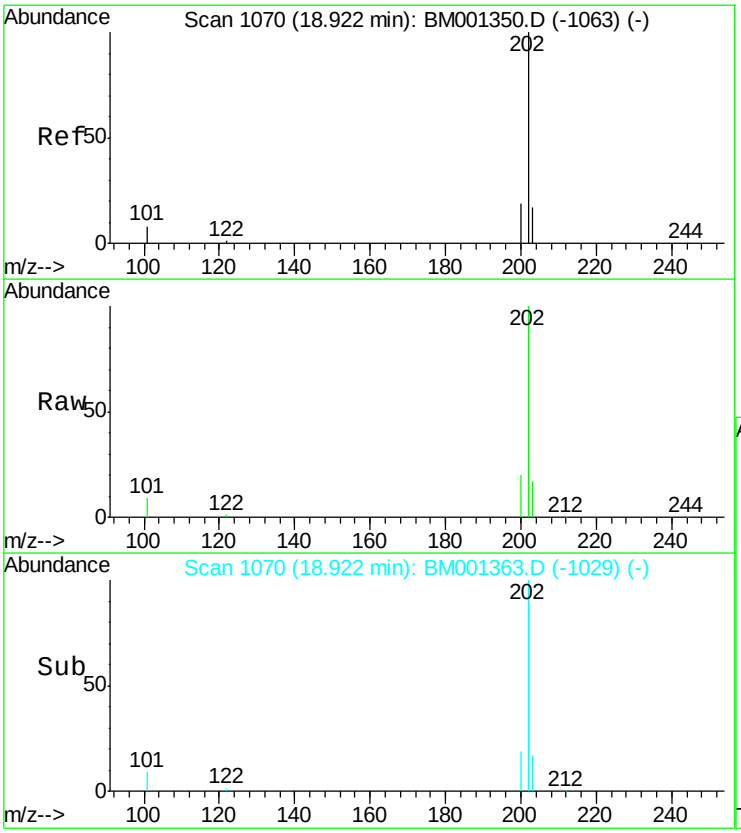
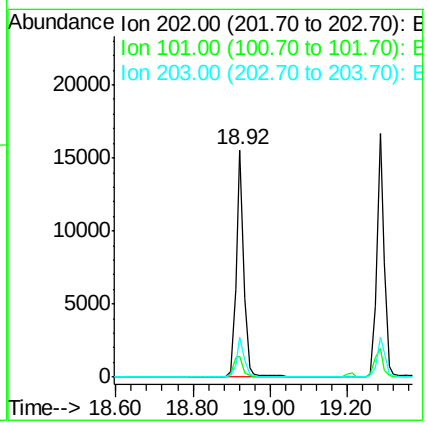
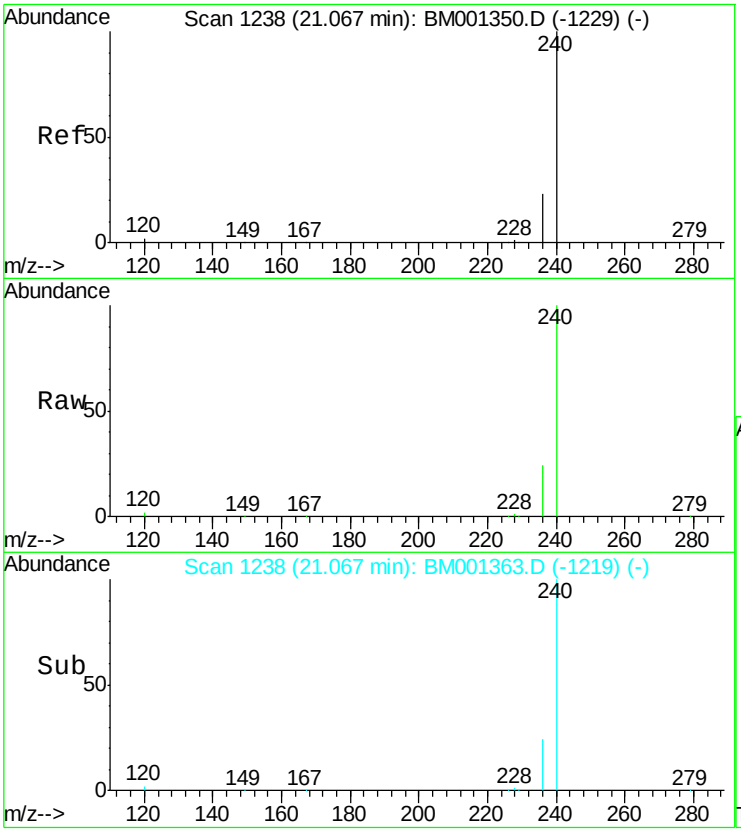


#24
Fluoranthene
Concen: 0.99 ng
RT: 18.92 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:202 Resp: 20581

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.2	13.8	20.6

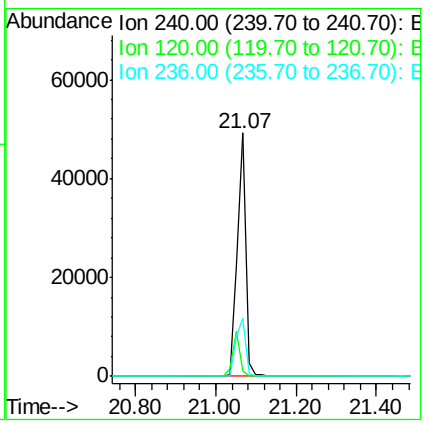




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:240 Resp: 70186

Ion	Ratio	Lower	Upper
240	100		
120	2.2	1.6	2.4
236	23.7	18.5	27.7



Instrument :
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ClientSampleId :
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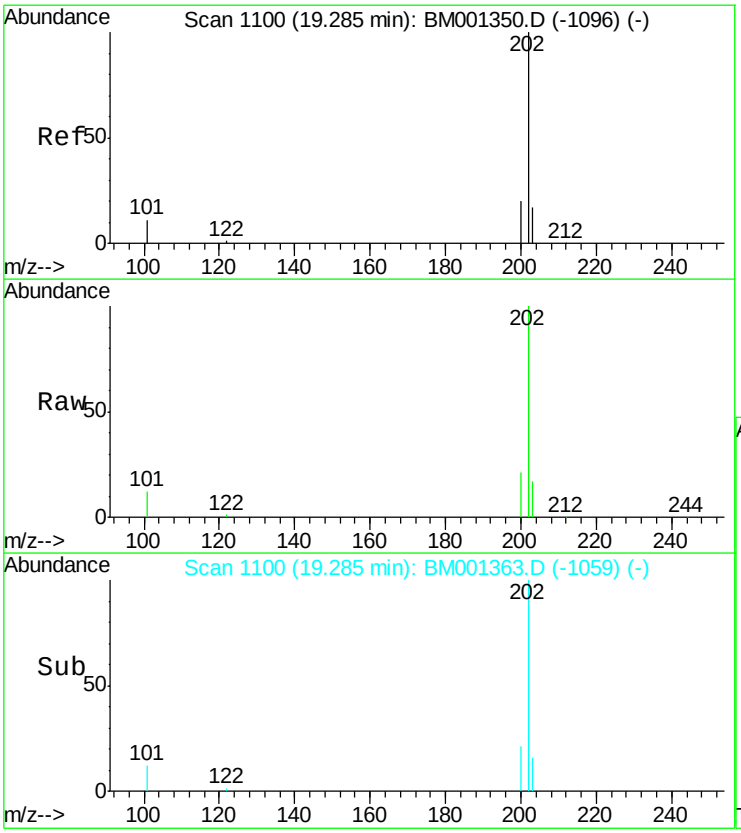
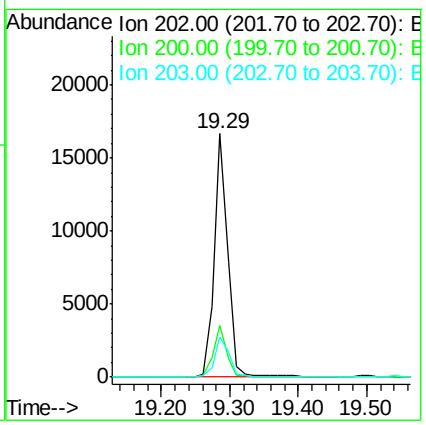
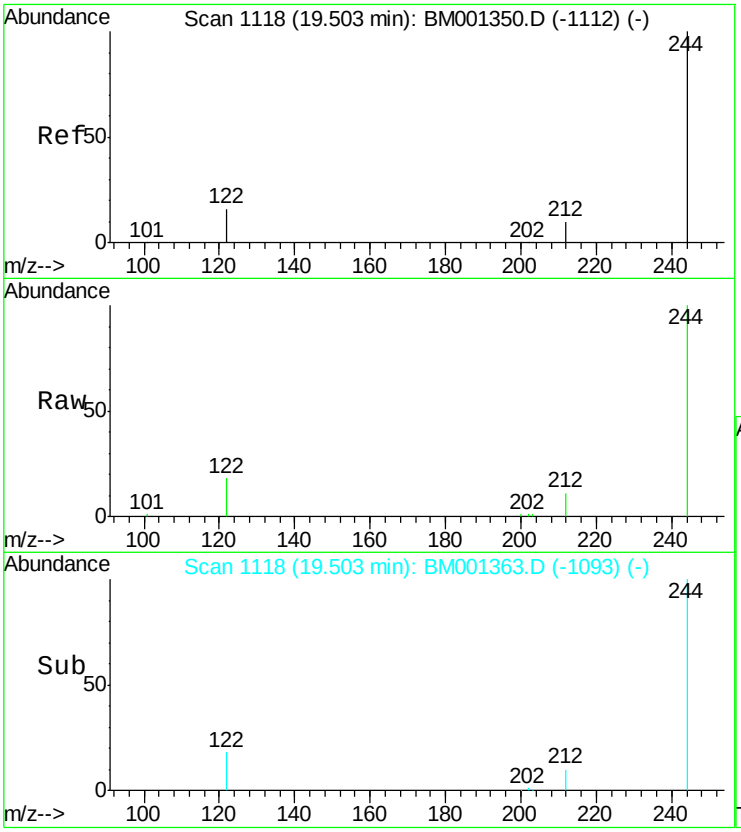


#26
Pyrene
Concen: 1.03 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:202 Resp: 22132

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.3	13.9	20.9

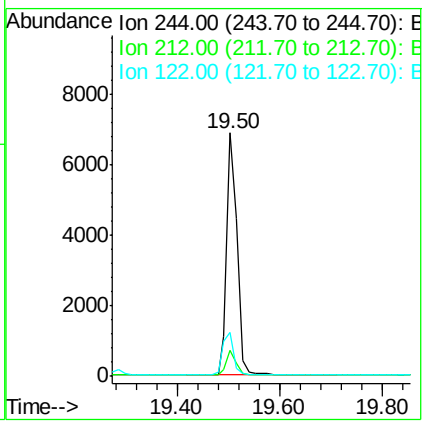




#27
Terphenyl-d14
Concen: 1.03 ng
RT: 19.50 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:244 Resp: 9506

Ion	Ratio	Lower	Upper
244	100		
212	10.6	8.5	12.7
122	18.3	13.4	20.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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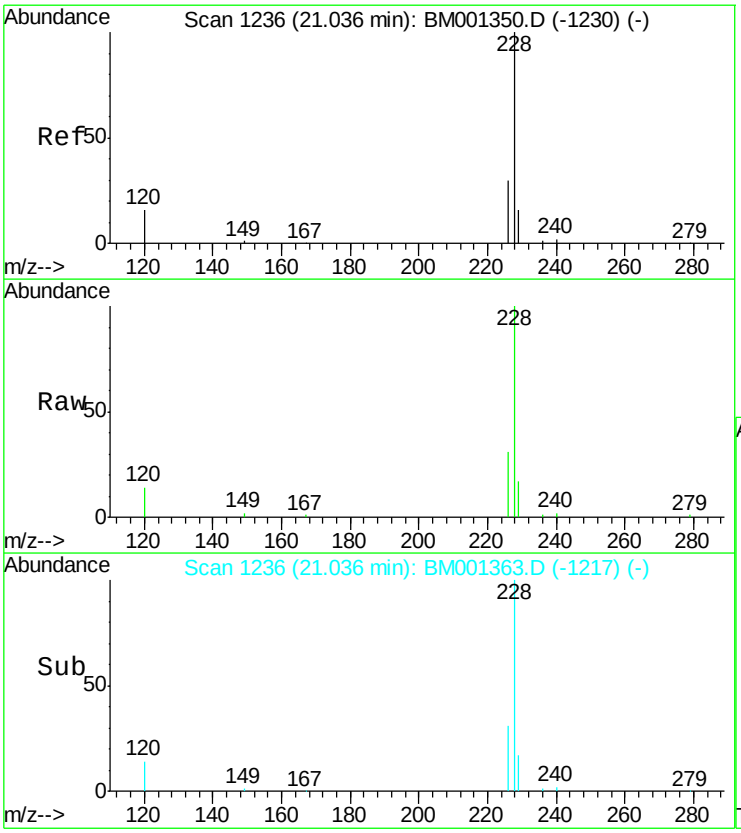
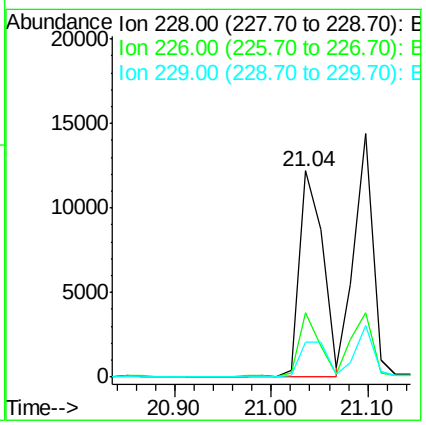
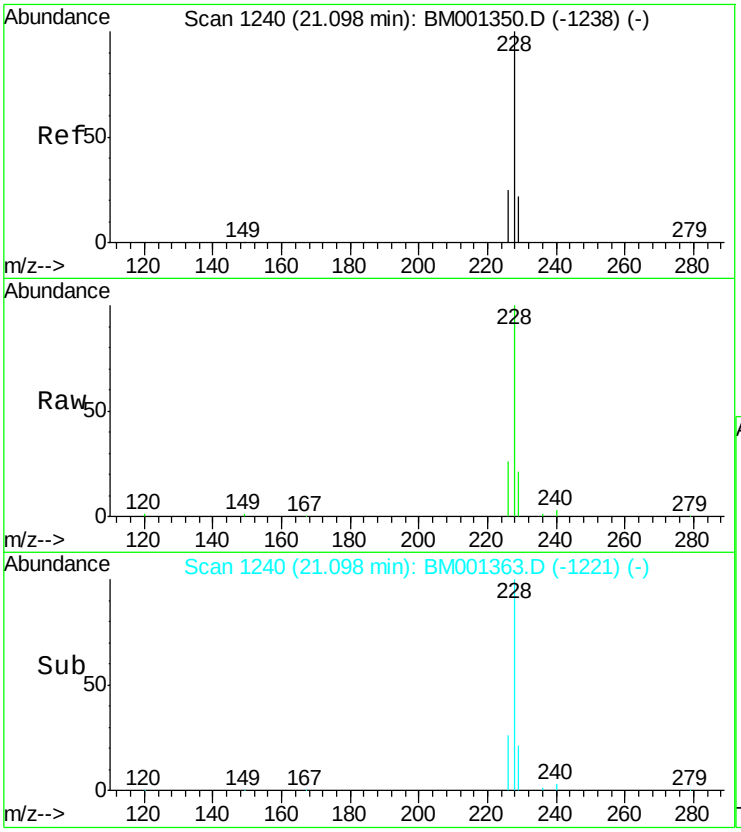


#28
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.04 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:228 Resp: 20190

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	17.1	13.3	19.9

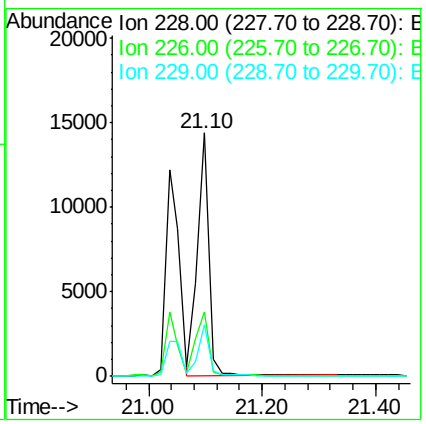




#29
Chrysene
Concen: 1.02 ng
RT: 21.10 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:228 Resp: 19676

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.0	30.0
229	21.1	17.6	26.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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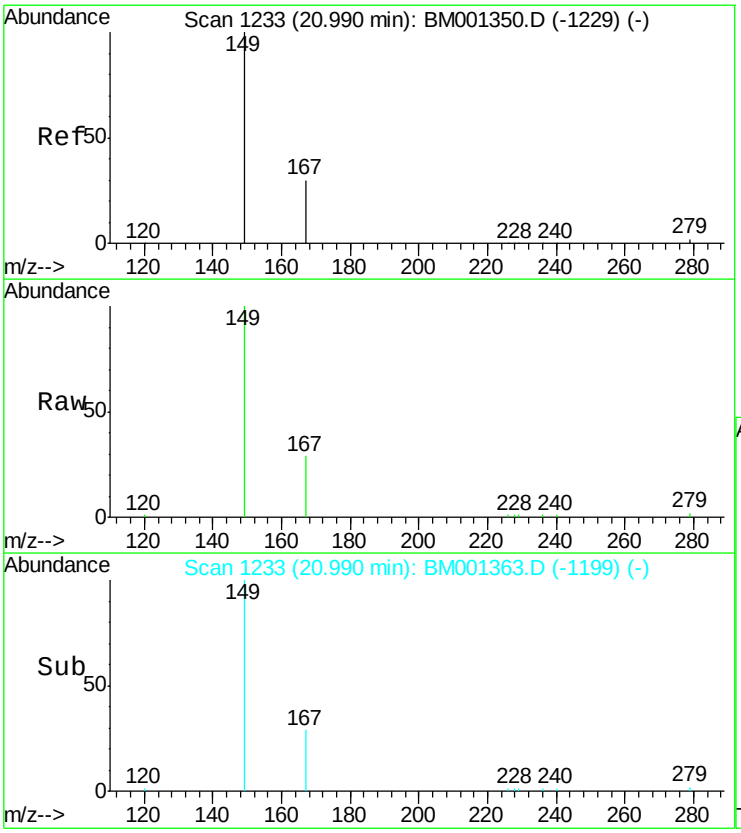
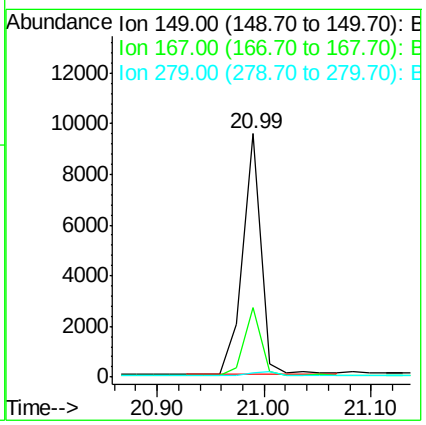
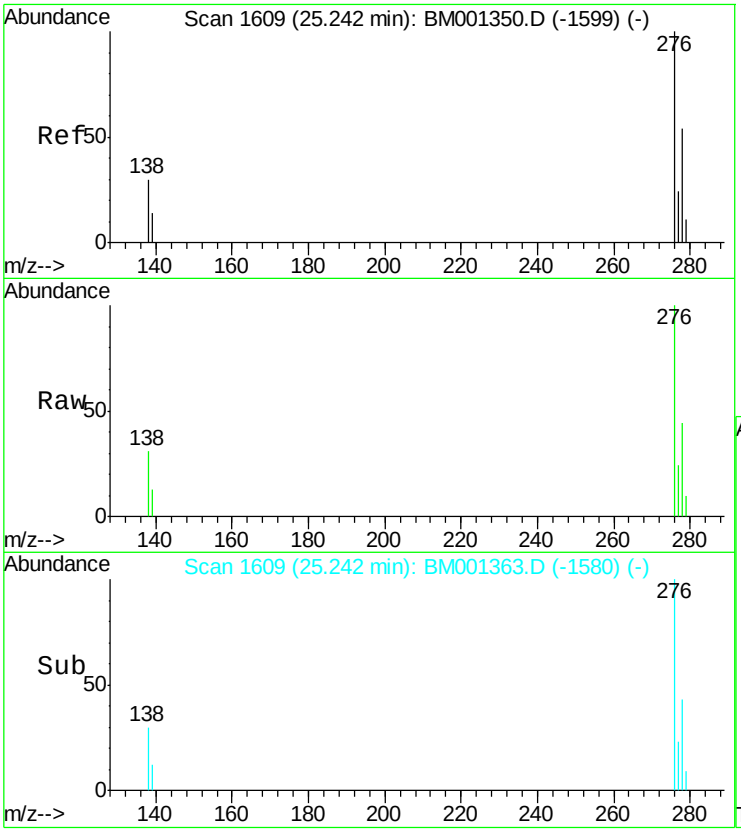


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.06 ng
RT: 20.99 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:149 Resp: 11192

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.6	32.4
279	2.4	1.9	2.9

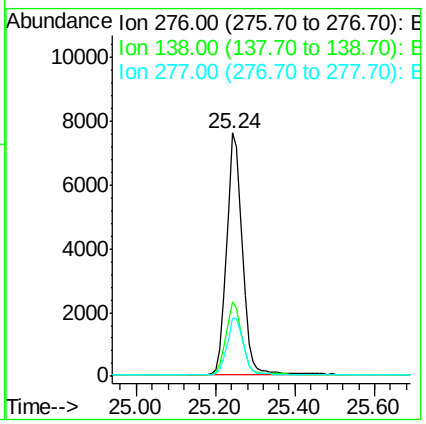




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:276 Resp: 21008

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.2	36.4
277	24.4	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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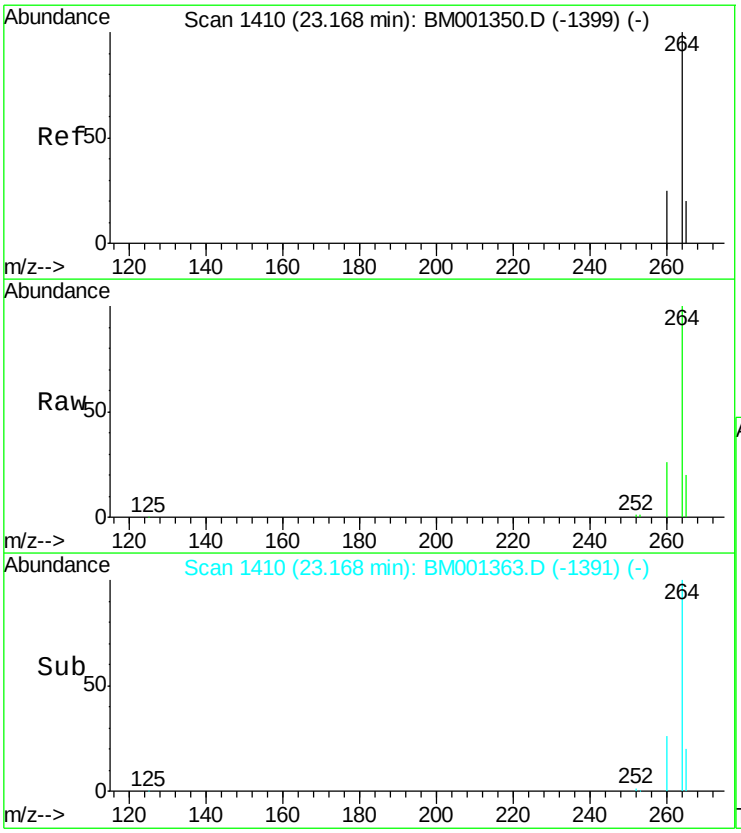
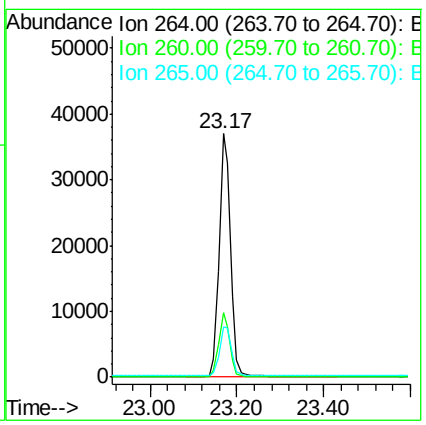
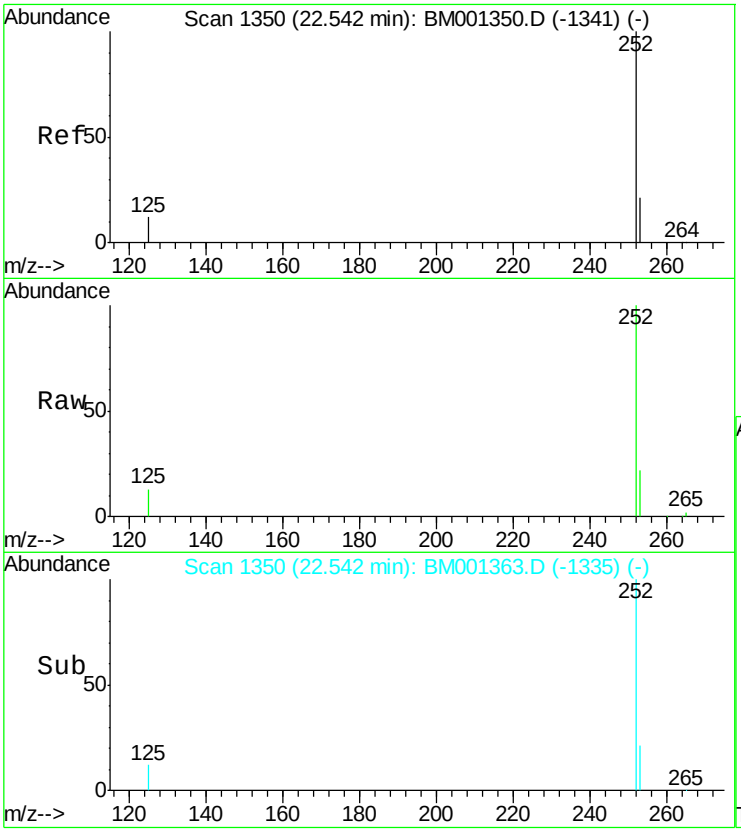


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:264 Resp: 66059

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.4	30.6
265	20.4	16.6	24.8

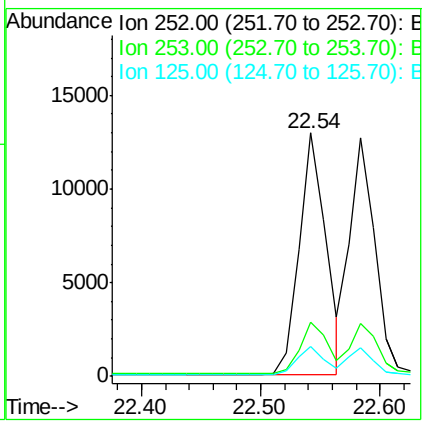




#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:252 Resp: 20126

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.5	9.8	14.8



Instrument :
BNA_M
ClientSampleId :
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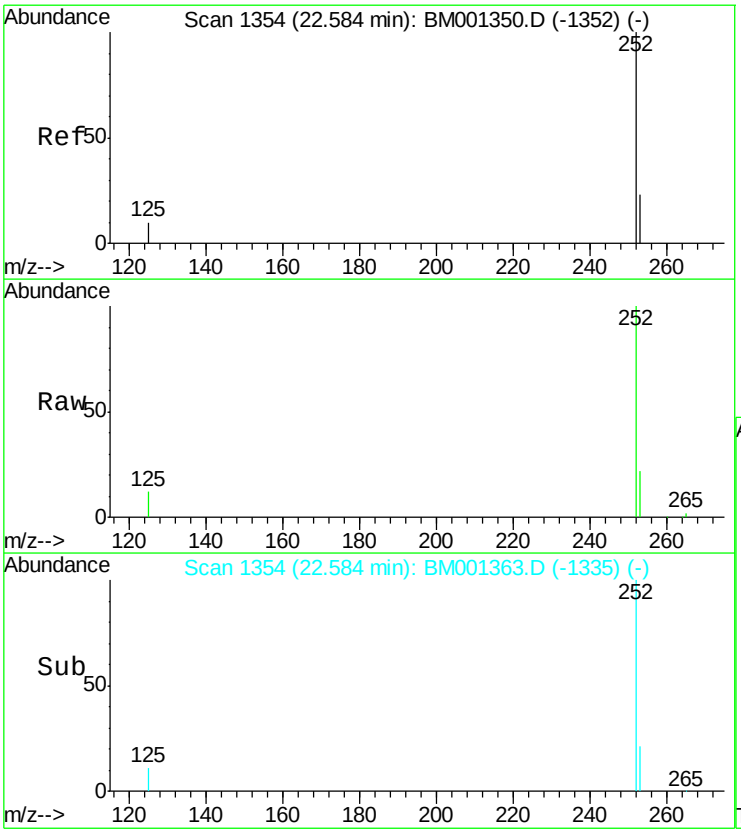
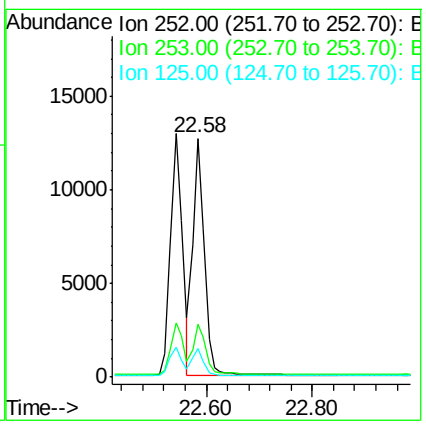
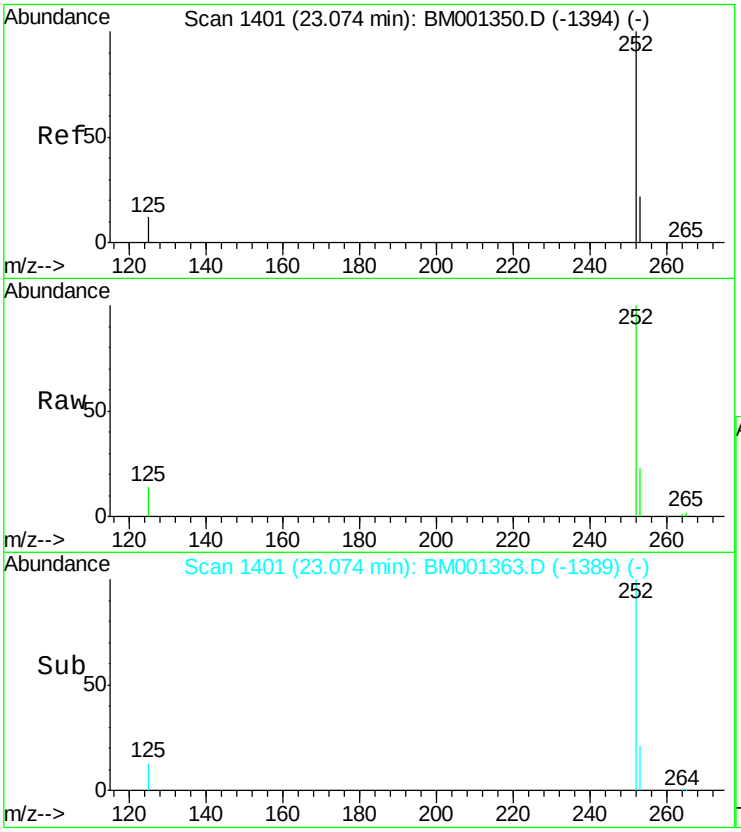


#34
Benzo(k)fluoranthene
Concen: 1.07 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:252 Resp: 19252

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	12.0	9.3	13.9

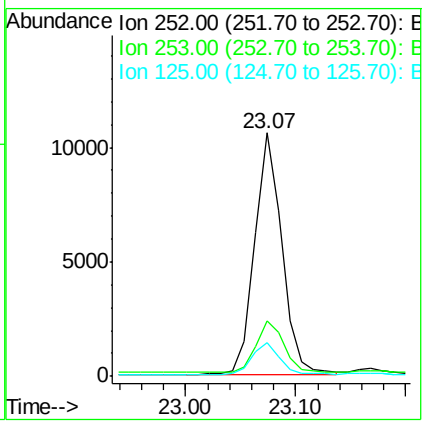




#35
Benzo(a)pyrene
Concen: 1.04 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:252 Resp: 17949

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	13.6	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
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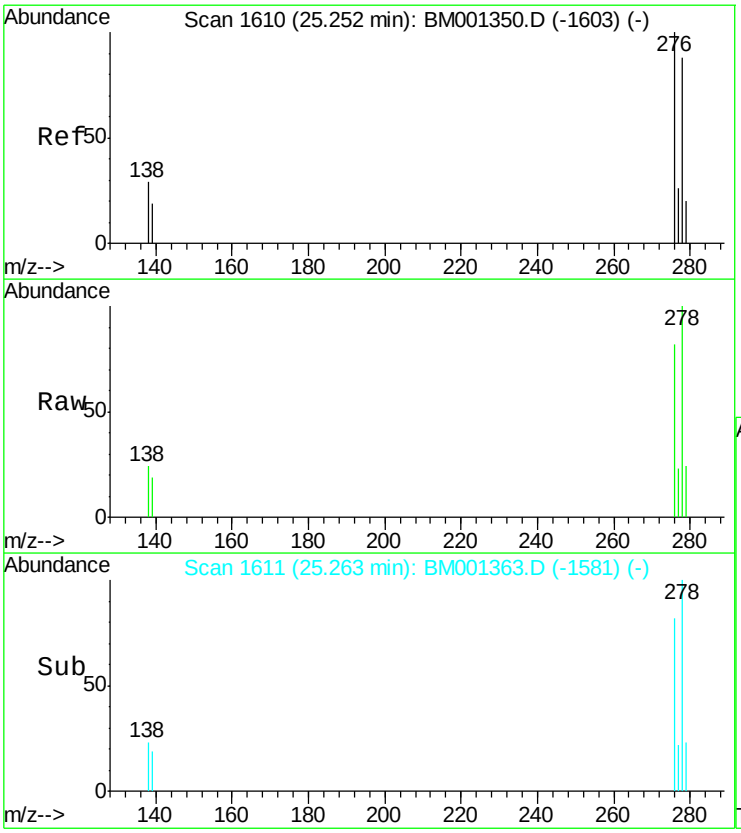
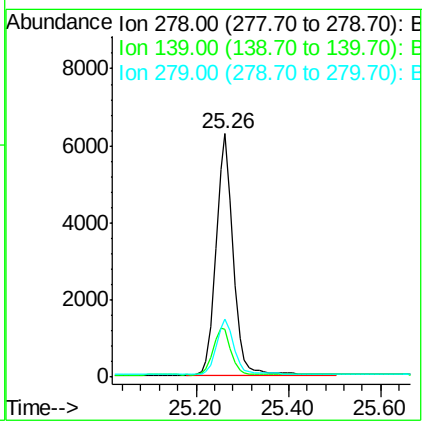
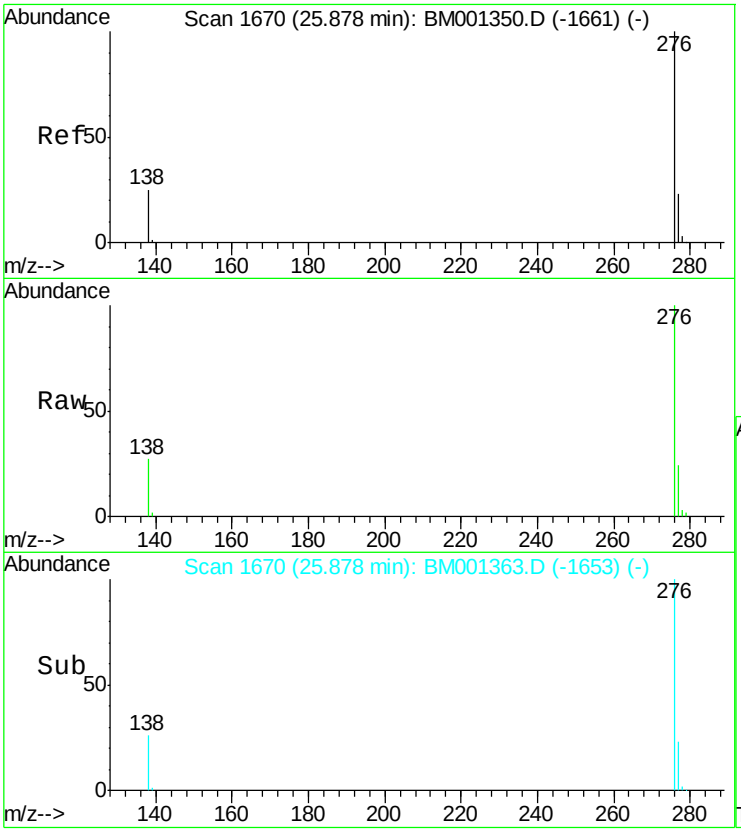


#36
Dibenzo(a,h)anthracene
Concen: 1.02 ng
RT: 25.26 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:278 Resp: 16251

Ion	Ratio	Lower	Upper
278	100		
139	19.5	17.5	26.3
279	24.0	18.7	28.1

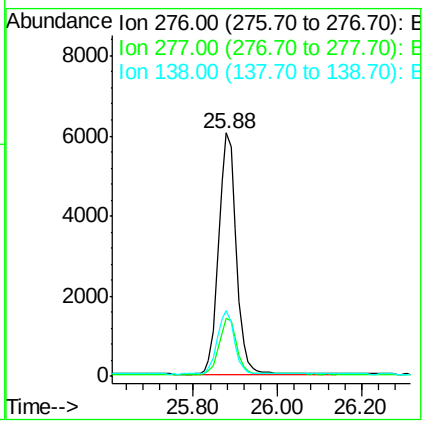




#37
Benzo(g,h,i)perylene
Concen: 1.02 ng
RT: 25.88 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:276 Resp: 17418

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.9	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
apatel
5/21/2015 8:54:06 PM