Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002917.D
Acq On : 15 Oct 2015 16:54
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Manual Integrations APPROVED
MMdadoda
10/16/2015 3:58:36 PM

Quant Time: Oct 16 06:55:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	89061	5.00	ng		0.00
7) Naphthalene-d8	11.51	136	367890	5.00	ng		0.00
13) Acenaphthene-d10	15.23	164	186373	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	477028	5.00	ng		0.00
26) Chrysene-d12	22.03	240	374825	5.00	ng		0.00
35) Perylene-d12	24.61	264	348168	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.15	112	16119m	0.97	ng		-0.02
5) Phenol-d6	7.79	99	20899	0.98	ng		-0.02
8) Nitrobenzene-d5	9.87	82	16300	0.92	ng		-0.02
14) 2,4,6-Tribromophenol	16.71	330	5312	0.86	ng		0.00
15) 2-Fluorobiphenyl	13.88	172	60603	1.02	ng		0.00
29) Terphenyl-d14	20.48	244	59034	1.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	7480	0.92	ng		98
3) n-Nitrosodimethylamine	4.17	42	6338	1.00	ng	#	96
6) bis(2-Chloroethyl)ether	8.04	93	20414	1.01	ng		99
9) Nitrobenzene	9.91	77	17210	0.92	ng		99
10) Naphthalene	11.56	128	79053	0.97	ng		99
11) Hexachlorobutadiene	11.80	225	12844	0.97	ng		100
12) 2-Methylnaphthalene	13.12	142	53291	0.97	ng		99
16) Acenaphthylene	14.96	152	77722	0.95	ng		99
17) Acenaphthene	15.29	154	54580	0.98	ng	#	100
18) Fluorene	16.27	166	66448	1.00	ng		98
20) 4-Bromophenyl-phenylether	17.13	248	20510	1.04	ng		89
21) Hexachlorobenzene	17.28	284	19746	1.06	ng	#	49
22) Pentachlorophenol	17.64	266	1486m	0.89	ng		
23) Phenanthrene	18.00	178	98569	0.89	ng		100
24) Anthracene	18.07	178	88822m	0.84	ng		
25) Fluoranthene	19.96	202	110736	0.90	ng		99
27) Benzidine	20.12	184	39133	0.84	ng		96
28) Pyrene	20.32	202	113891	1.03	ng		100
30) Benzo(a)anthracene	22.01	228	101191	0.93	ng	#	87
31) 3,3'-Dichlorobenzidine	21.93	252	31622	0.86	ng	#	77
32) Chrysene	22.07	228	102739	1.01	ng	#	89
33) Bis(2-ethylhexyl)phthalate	21.85	149	49525	0.86	ng	#	93
34) Indeno(1,2,3-cd)pyrene	27.31	276	101708	0.98	ng		100
36) Benzo(b)fluoranthene	23.82	252	103952	1.04	ng		99
37) Benzo(k)fluoranthene	23.87	252	88894	0.91	ng		99
38) Benzo(a)pyrene	24.49	252	83311	0.94	ng		98
39) Dibenzo(a,h)anthracene	27.31	278	81381	0.96	ng		98
40) Benzo(g,h,i)perylene	28.16	276	86001	0.97	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002917.D
Acq On : 15 Oct 2015 16:54
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 16 06:55:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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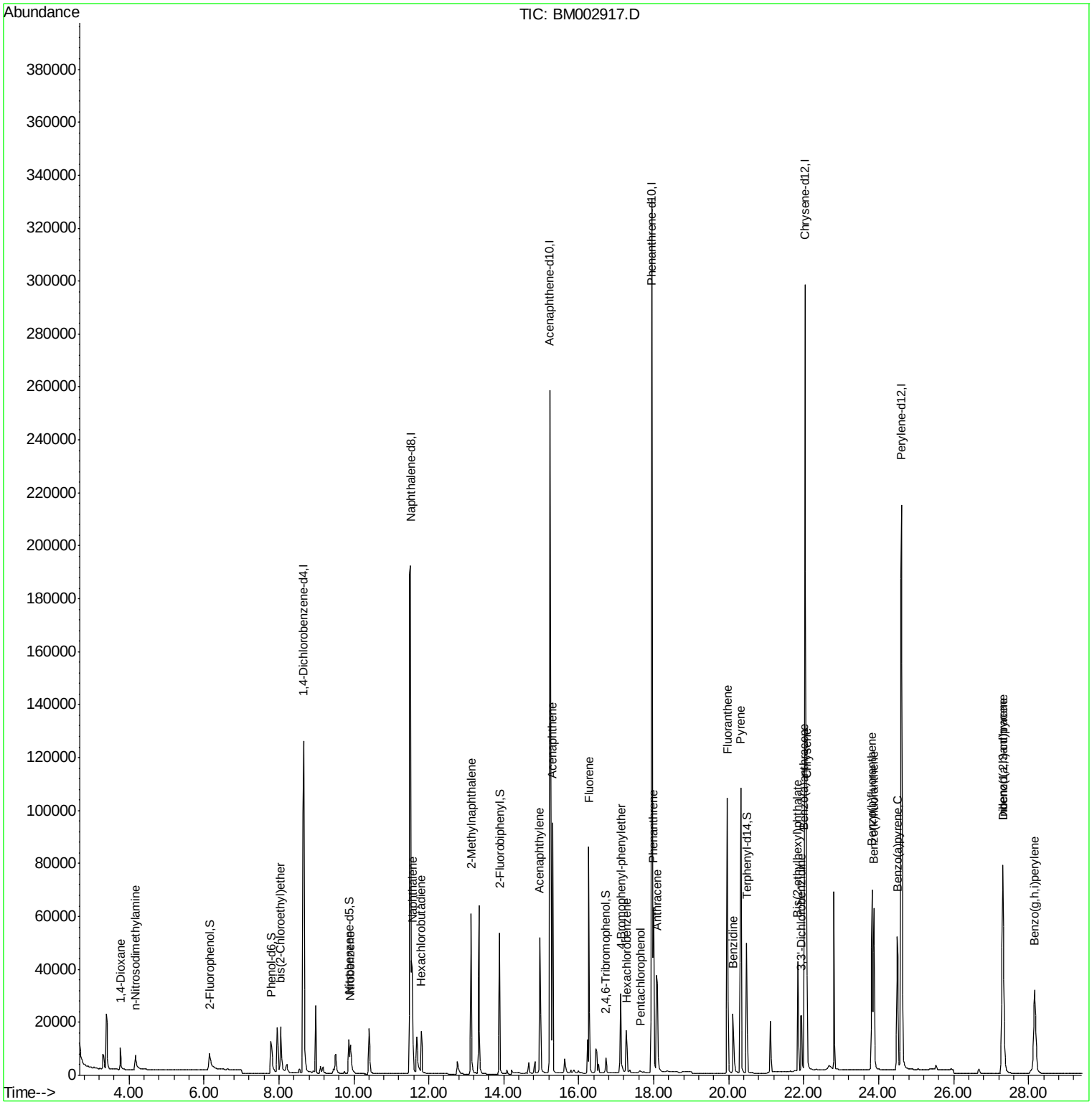
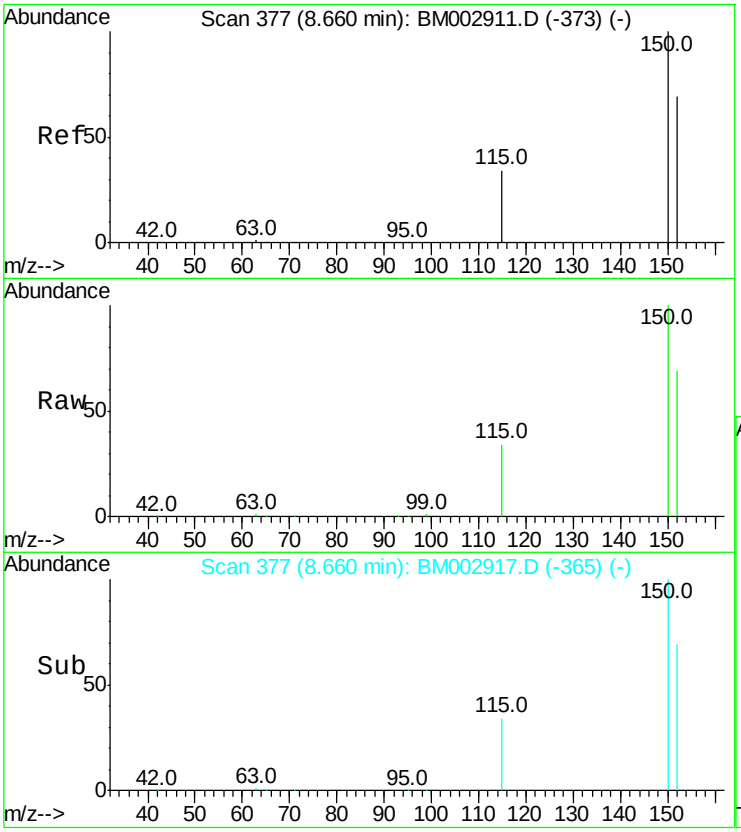
10/16/2015 3:58:36 PM

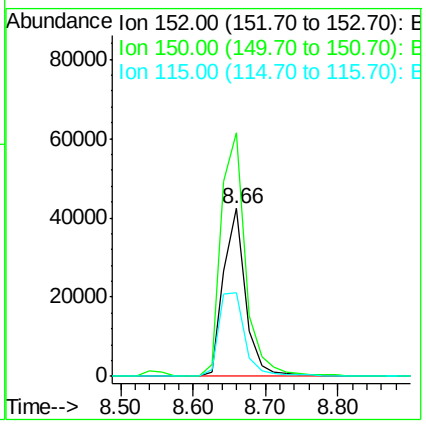




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:152 Resp: 89061

Ion	Ratio	Lower	Upper
152	100		
150	144.9	113.0	169.6
115	49.5	37.9	56.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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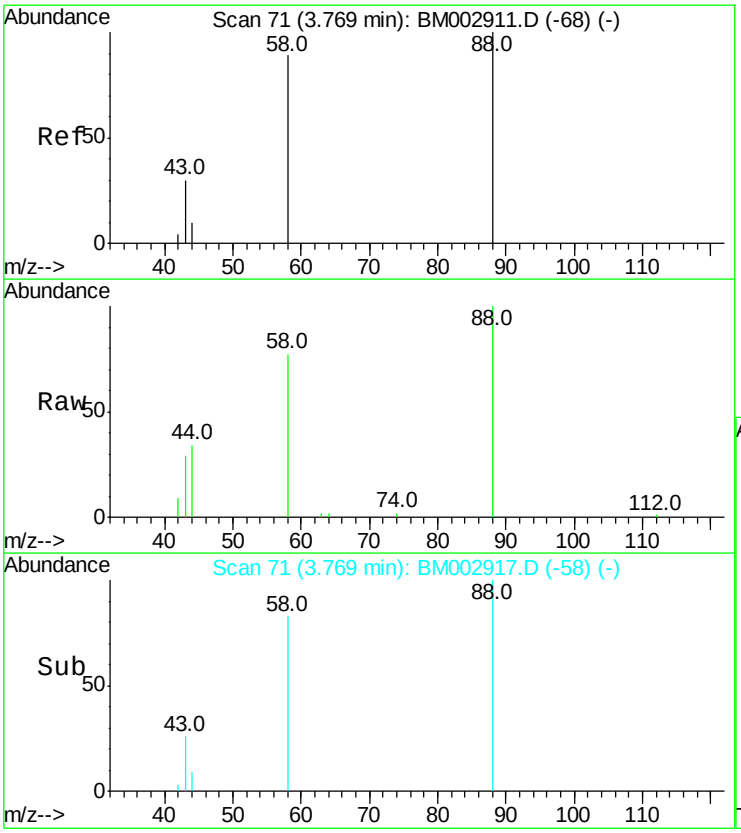
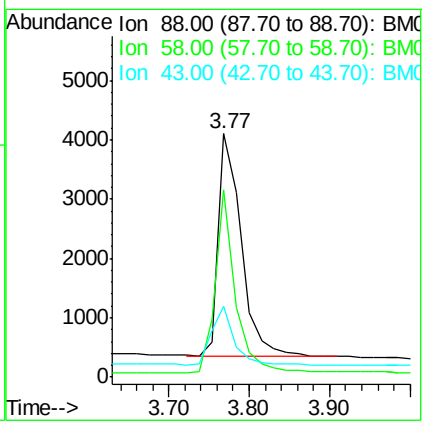
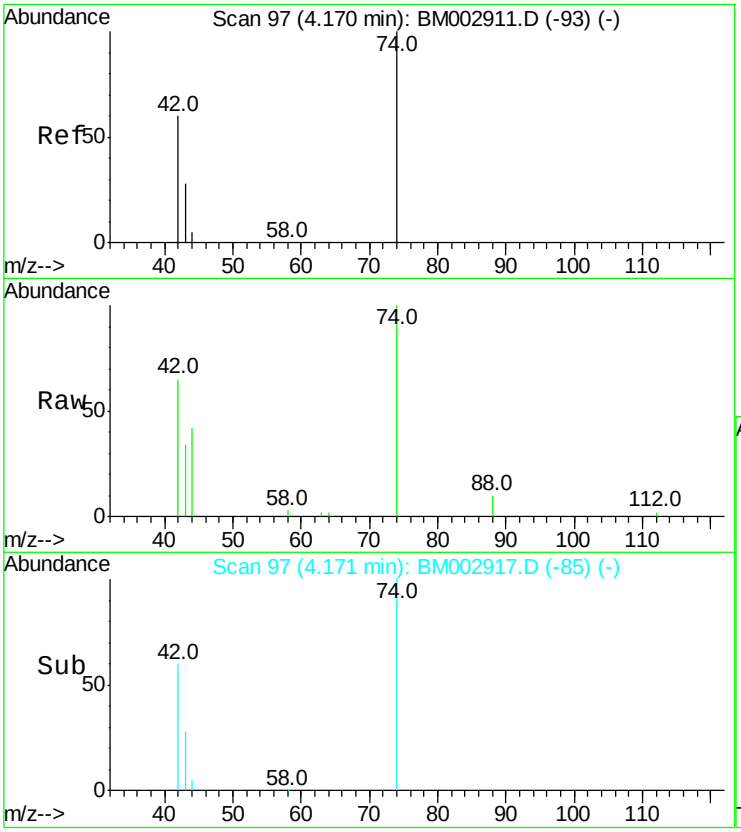


#2
1,4-Dioxane
Concen: 0.92 ng
RT: 3.77 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 88 Resp: 7480

Ion	Ratio	Lower	Upper
88	100		
58	71.6	56.7	85.1
43	25.3	22.0	33.0

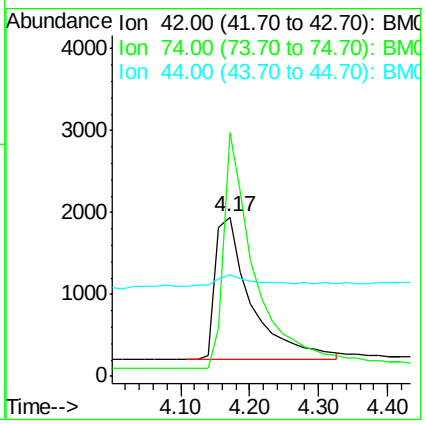




#3
n-Nitrosodimethylamine
Concen: 1.00 ng
RT: 4.17 min Scan# 97
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 42 Resp: 6338

Ion	Ratio	Lower	Upper
42	100		
74	145.4	119.7	179.5
44	9.0	9.8	14.6#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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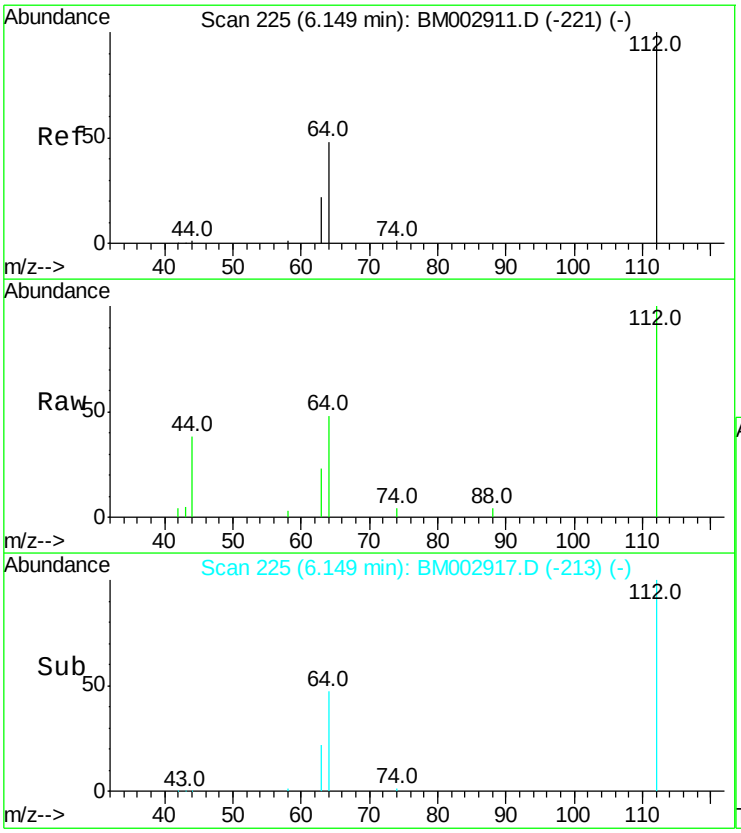
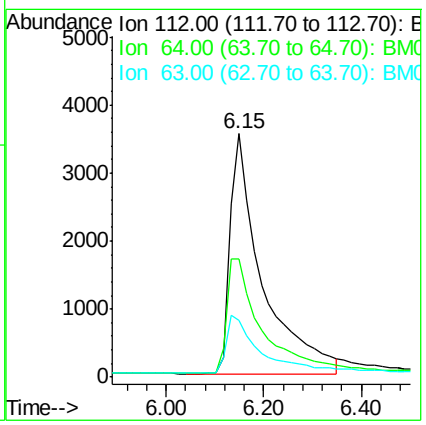
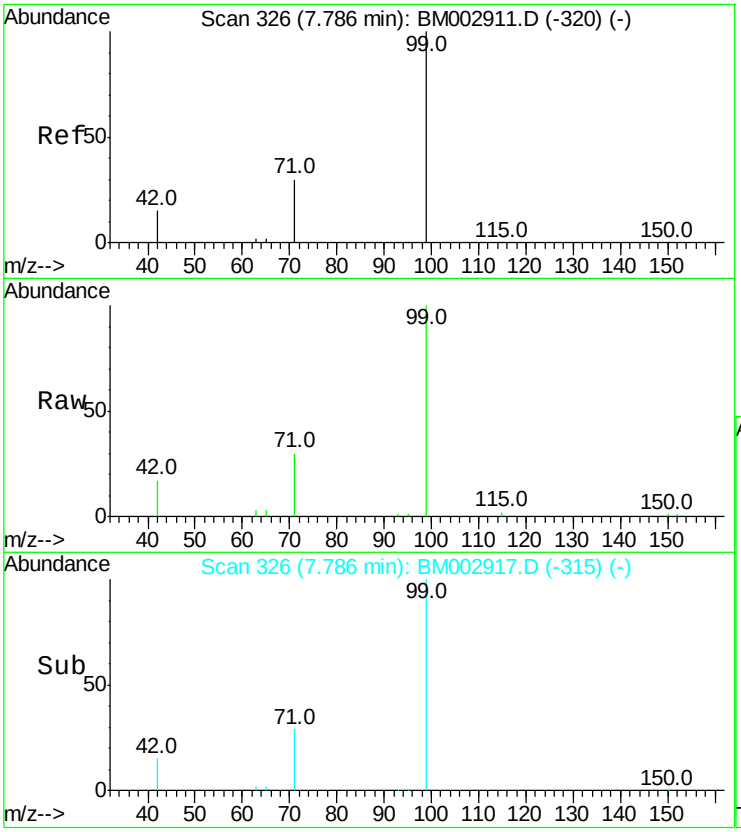


#4
2-Fluorophenol
Concen: 0.97 ng m
RT: 6.15 min Scan# 225
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:112 Resp: 16119

Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.0	63.0
63	23.3	20.0	30.0

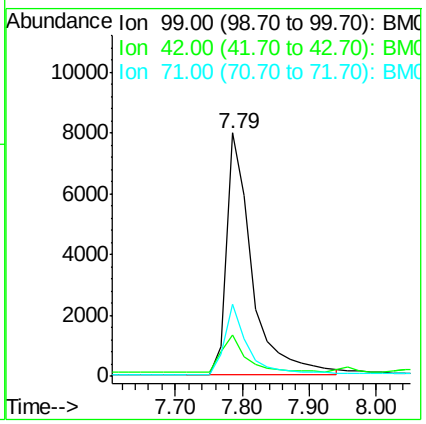




#5
Phenol-d6
Concen: 0.98 ng
RT: 7.79 min Scan# 326
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 99 Resp: 20899

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.4	18.6
71	26.8	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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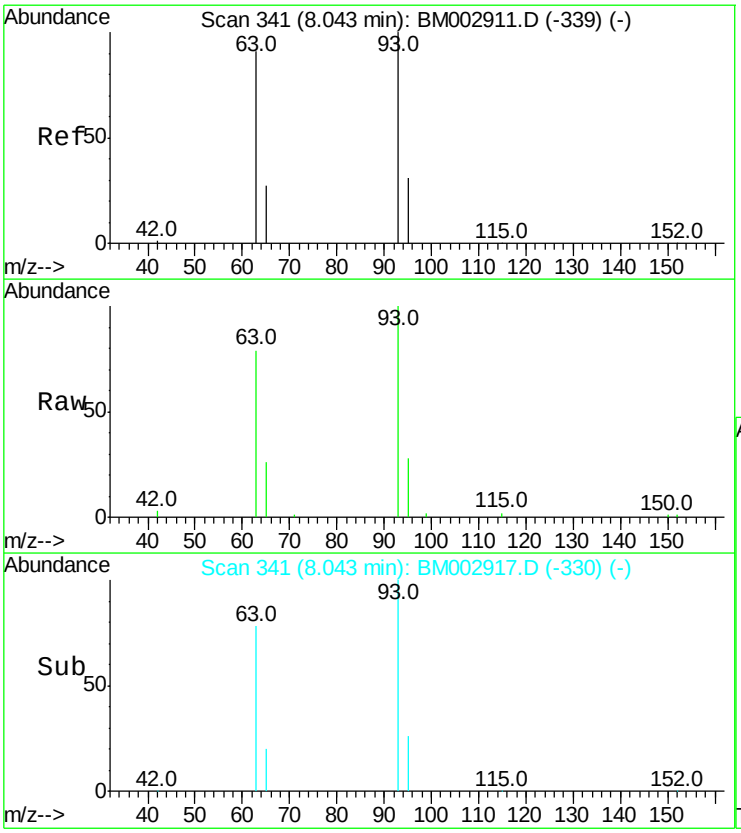
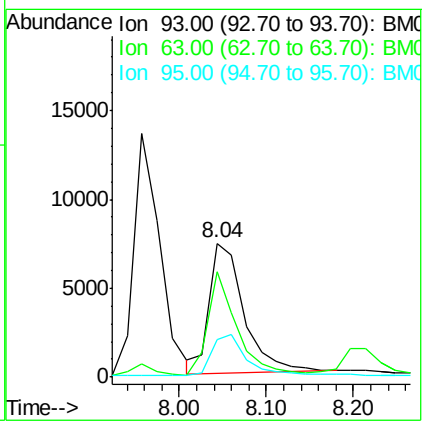
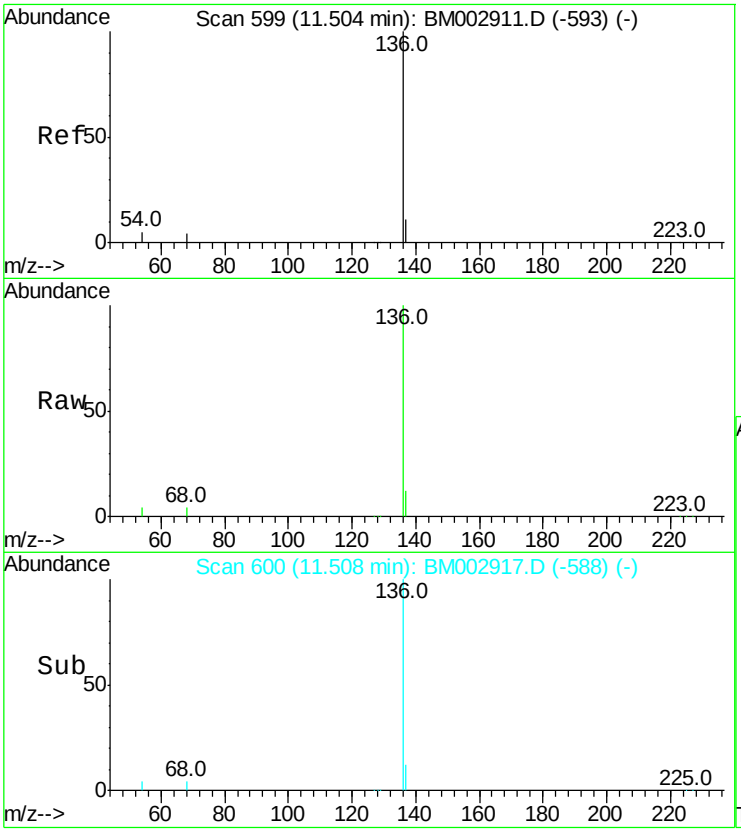


#6
bis(2-Chloroethyl)ether
Concen: 1.01 ng
RT: 8.04 min Scan# 341
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 93 Resp: 20414

Ion	Ratio	Lower	Upper
93	100		
63	66.7	52.9	79.3
95	32.2	25.2	37.8

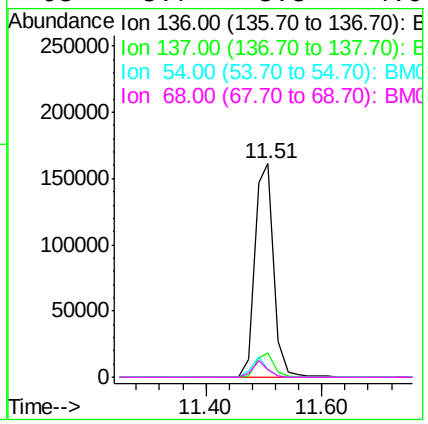




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.51 min Scan# 600
Delta R.T. 0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:136 Resp: 367890

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	3.8	3.5	5.3
68	3.7	3.3	4.9



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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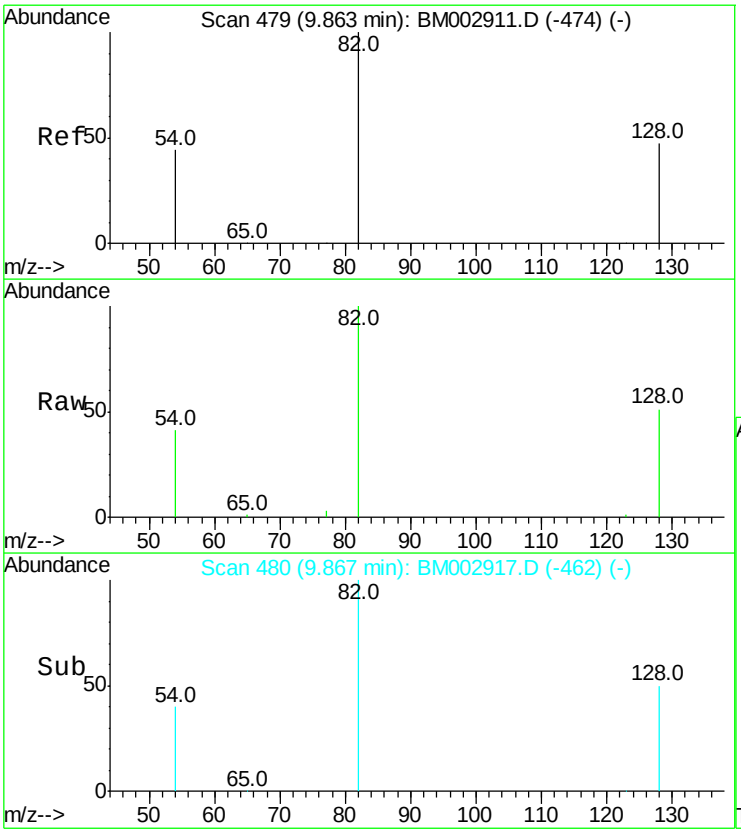
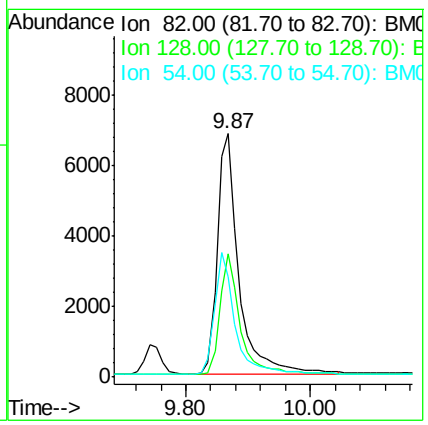
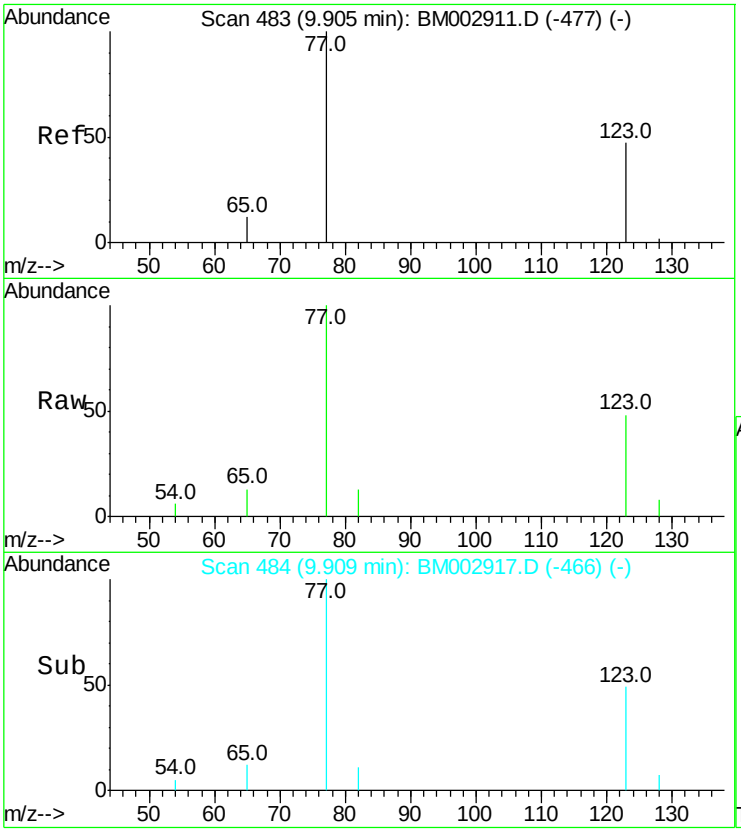


#8
Nitrobenzene-d5
Concen: 0.92 ng
RT: 9.87 min Scan# 480
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 82 Resp: 16300

Ion	Ratio	Lower	Upper
82	100		
128	50.8	34.1	51.1
54	40.9	42.6	63.8#

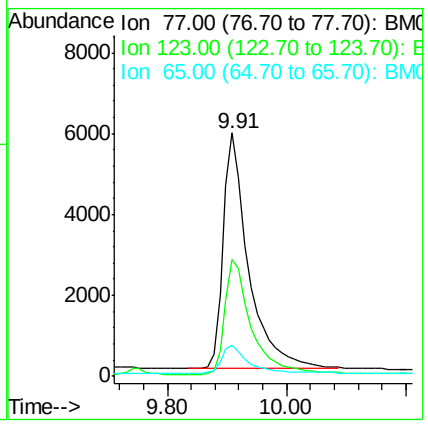




#9
Nitrobenzene
Concen: 0.92 ng
RT: 9.91 min Scan# 484
Delta R.T. -0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion: 77 Resp: 17210

Ion	Ratio	Lower	Upper
77	100		
123	50.2	41.0	61.4
65	12.1	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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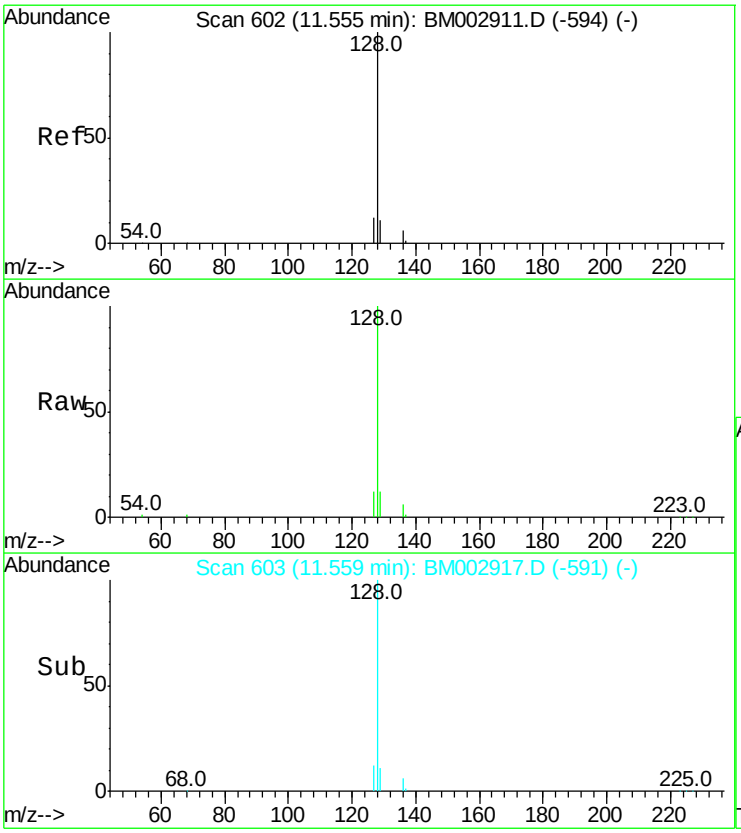
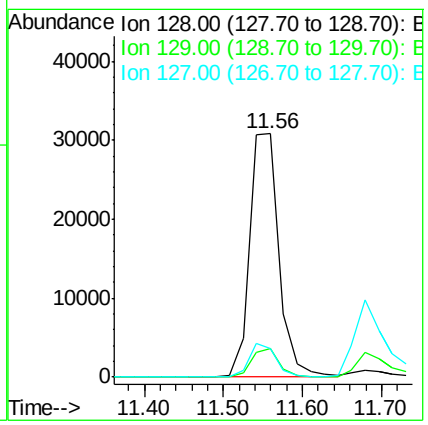
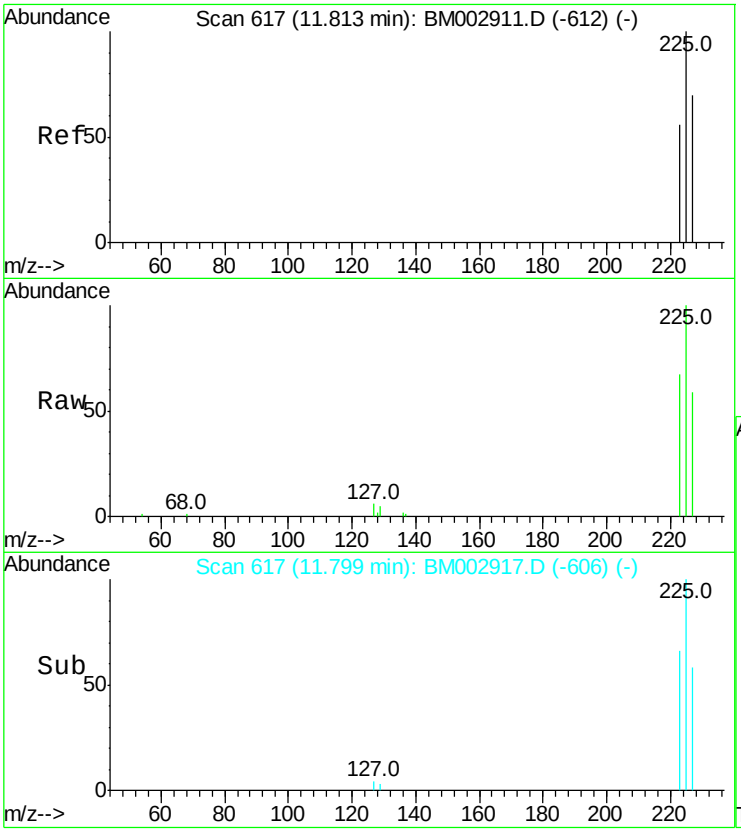


#10
Naphthalene
Concen: 0.97 ng
RT: 11.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:128 Resp: 79053

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	11.8	9.6	14.4

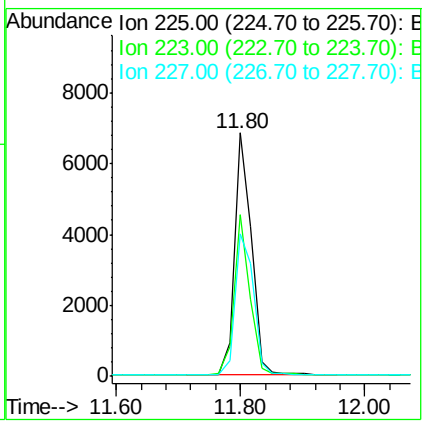




#11
Hexachlorobutadiene
Concen: 0.97 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:225 Resp: 12844

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	63.7	51.2	76.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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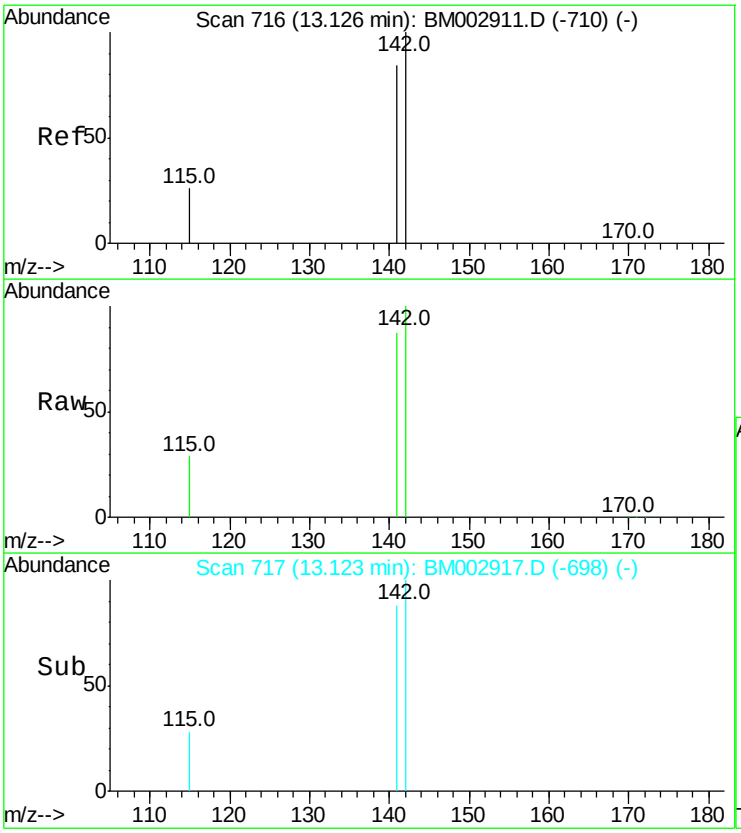
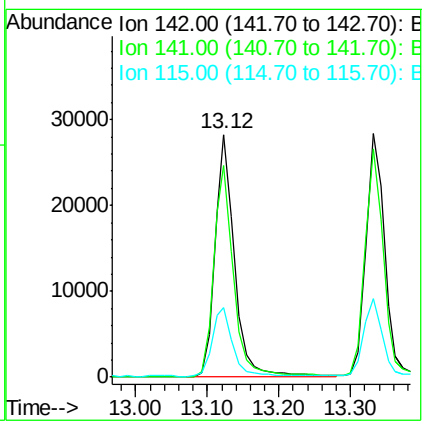
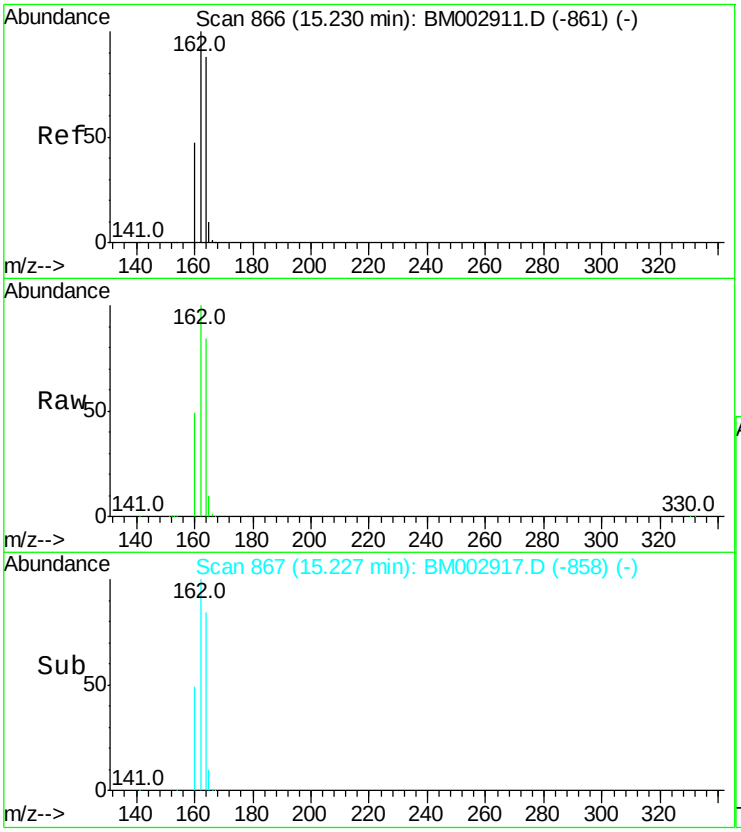


#12
2-Methylnaphthalene
Concen: 0.97 ng
RT: 13.12 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:142 Resp: 53291

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.0
115	28.6	22.7	34.1





#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:164 Resp: 186373

Ion	Ratio	Lower	Upper
164	100		
162	118.6	79.6	119.4
160	58.3	33.1	49.7#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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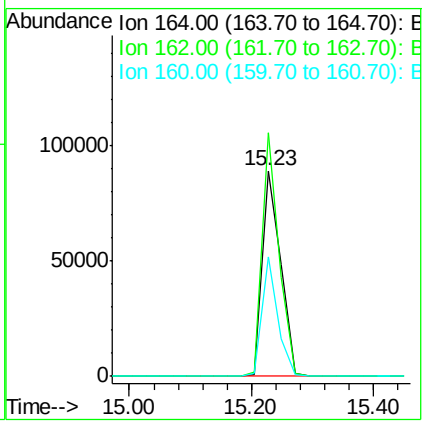
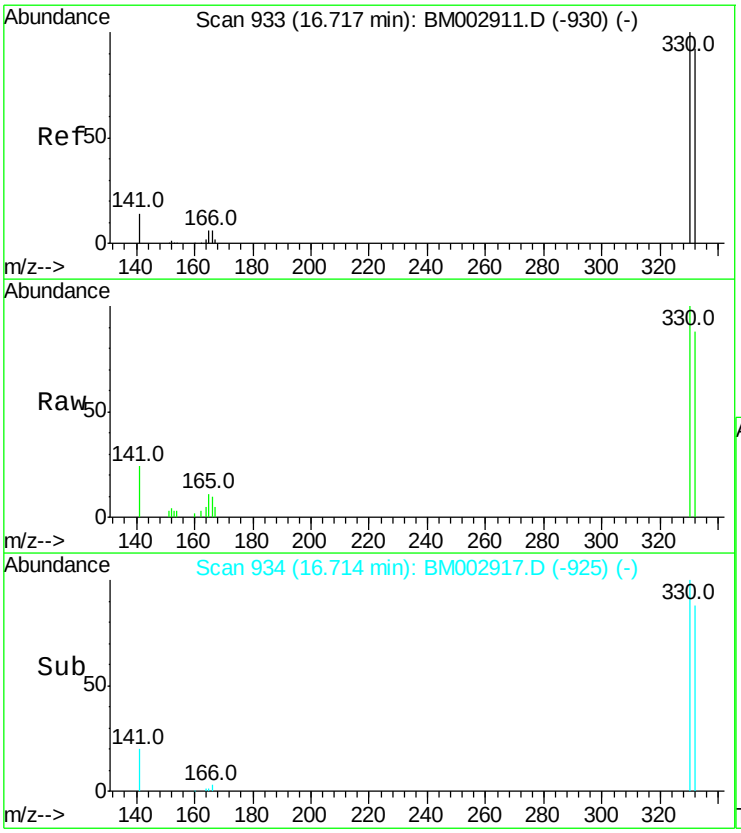
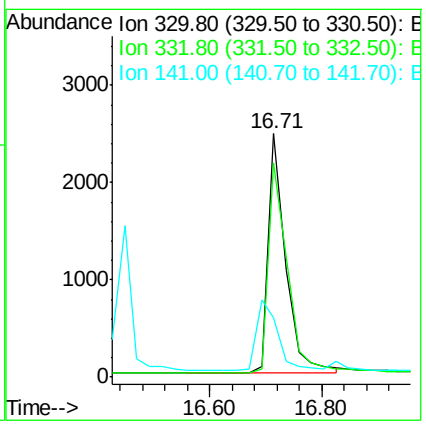


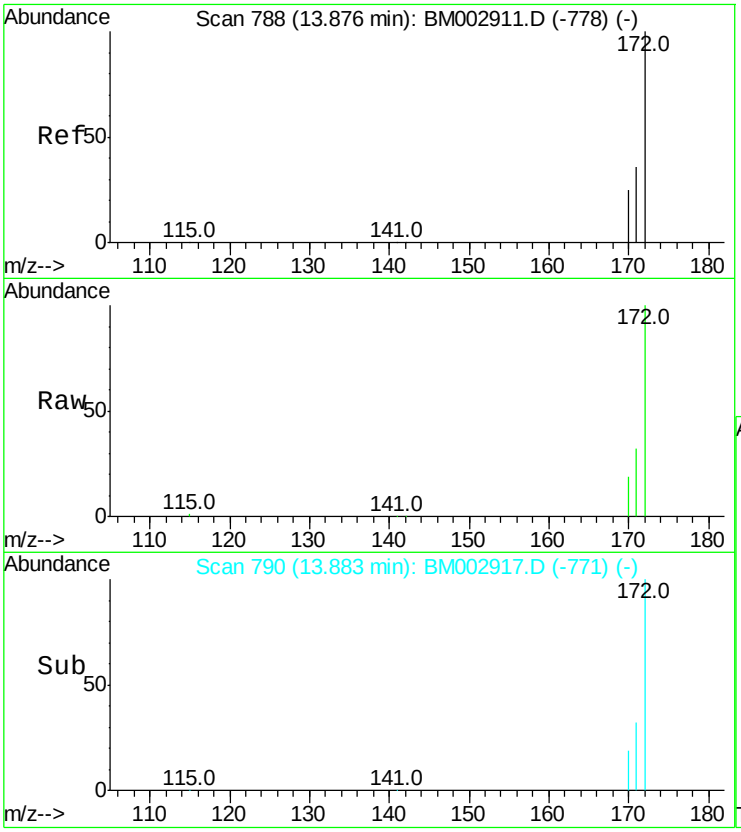


#14
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 16.71 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:330 Resp: 5312

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	0.0	0.0	0.0

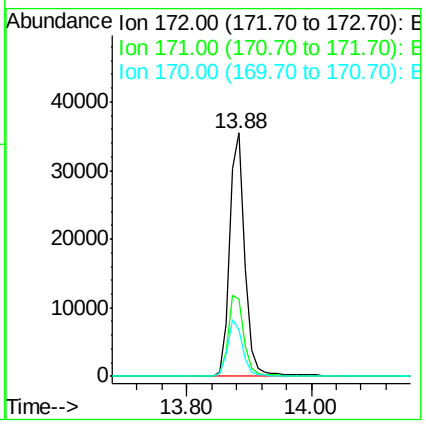




#15
2-Fluorobiphenyl
Concen: 1.02 ng
RT: 13.88 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:172 Resp: 60603

Ion	Ratio	Lower	Upper
172	100		
171	31.9	26.1	39.1
170	18.9	15.7	23.5



Instrument :
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ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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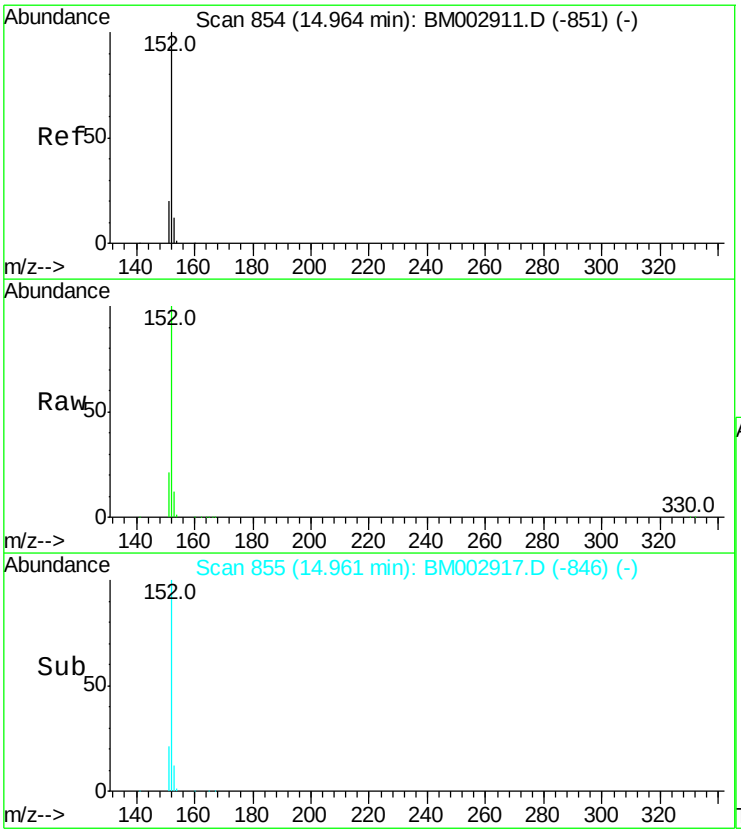
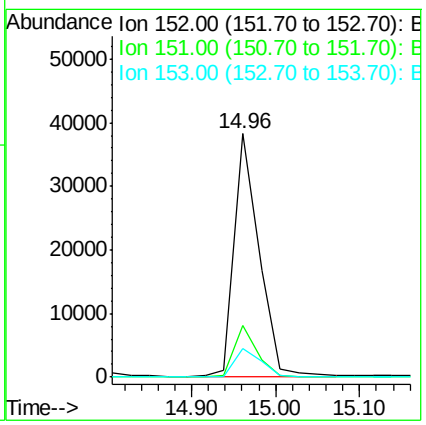
10/16/2015 3:58:36 PM

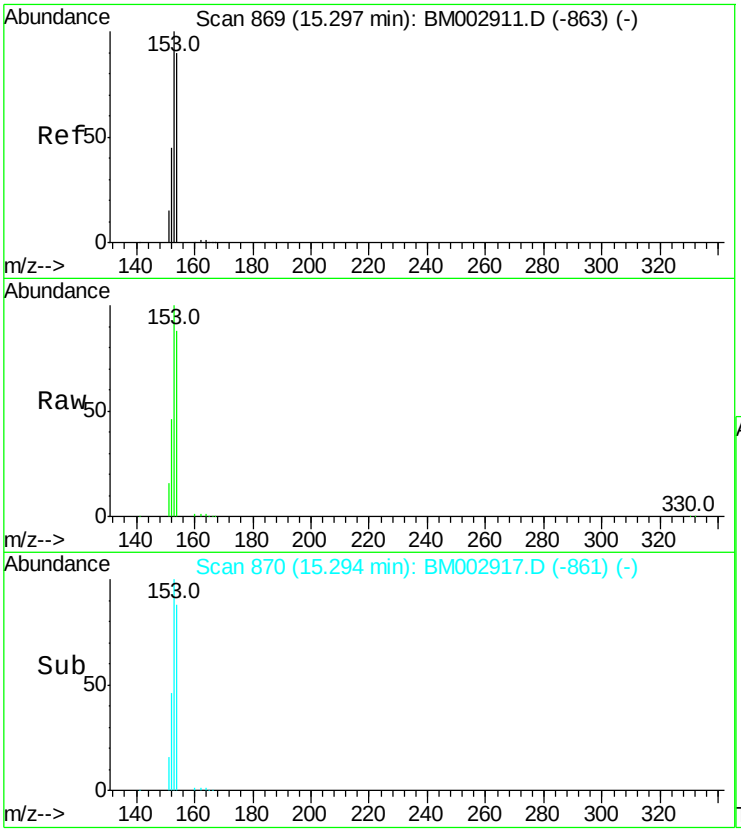


#16
Acenaphthylene
Concen: 0.95 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:152 Resp: 77722

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	12.7	10.5	15.7

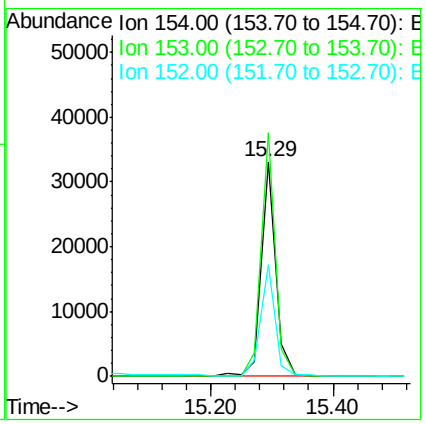




#17
Acenaphthene
Concen: 0.98 ng
RT: 15.29 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:154 Resp: 54580

Ion	Ratio	Lower	Upper
154	100		
153	111.4	0.0	0.0#
152	51.8	0.0	0.0#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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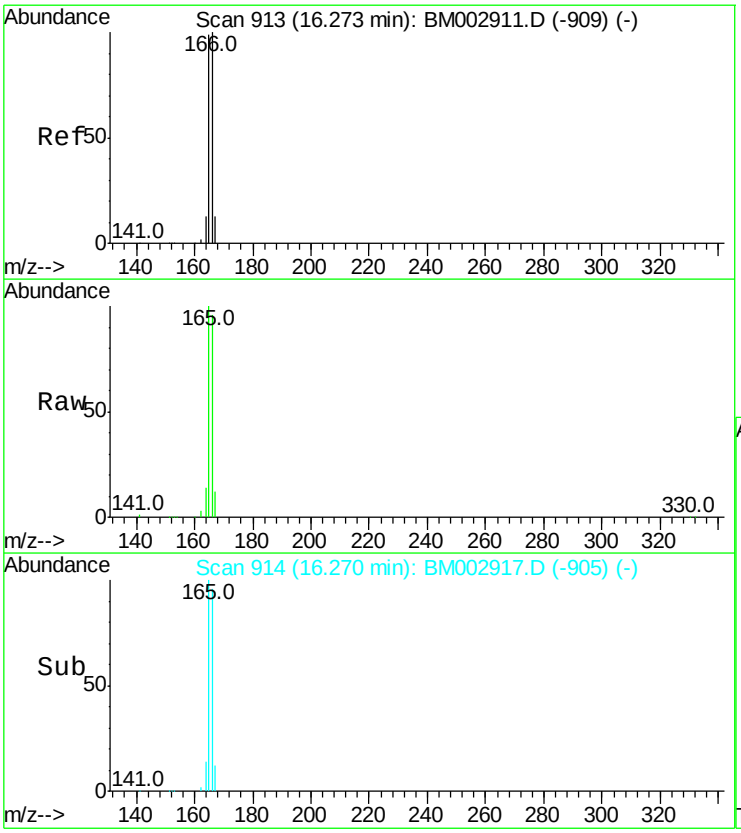
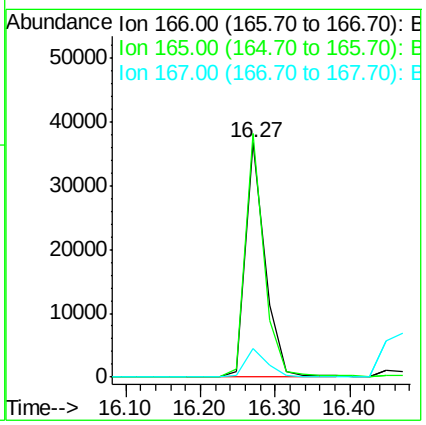
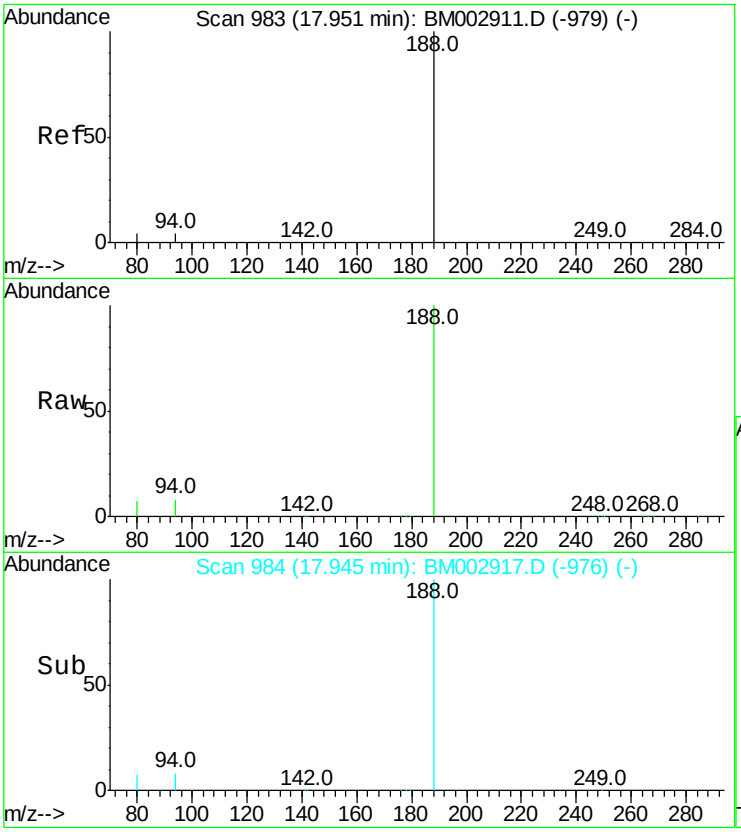


#18
Fluorene
Concen: 1.00 ng
RT: 16.27 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:166 Resp: 66448

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.3	115.9
167	13.2	10.9	16.3





#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:188 Resp: 477028

Ion	Ratio	Lower	Upper
188	100		
94	8.0	15.2	22.8#
80	7.3	15.9	23.9#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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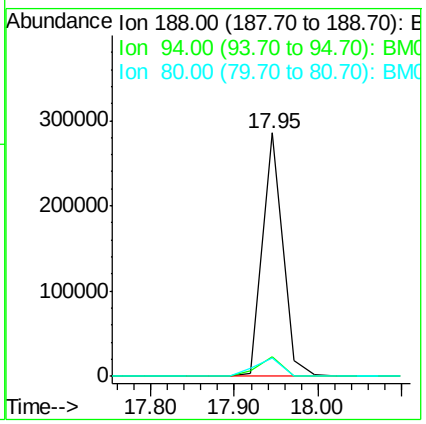
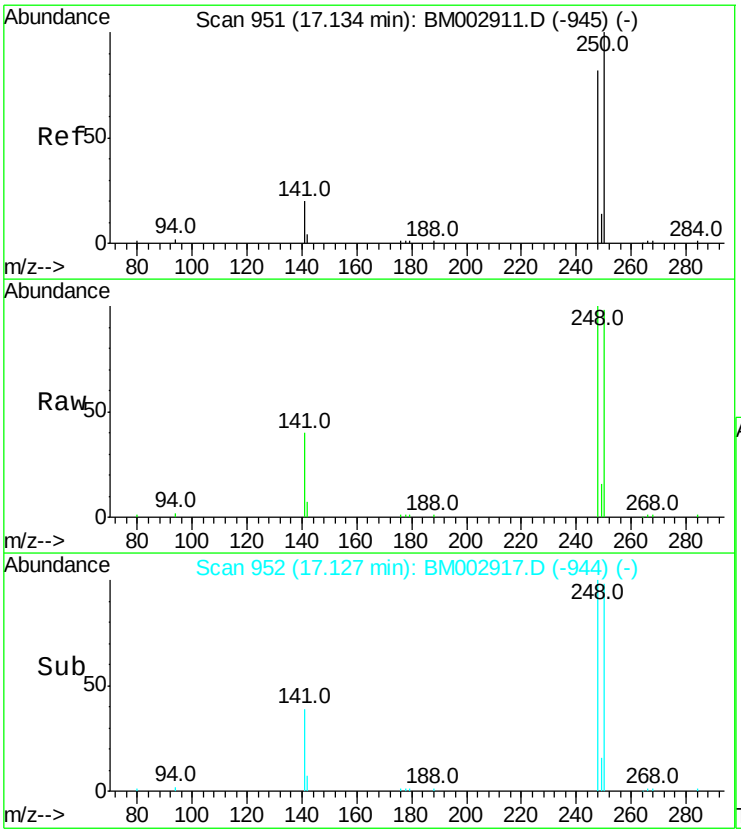
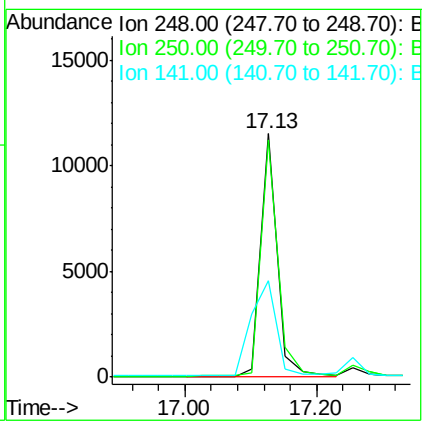


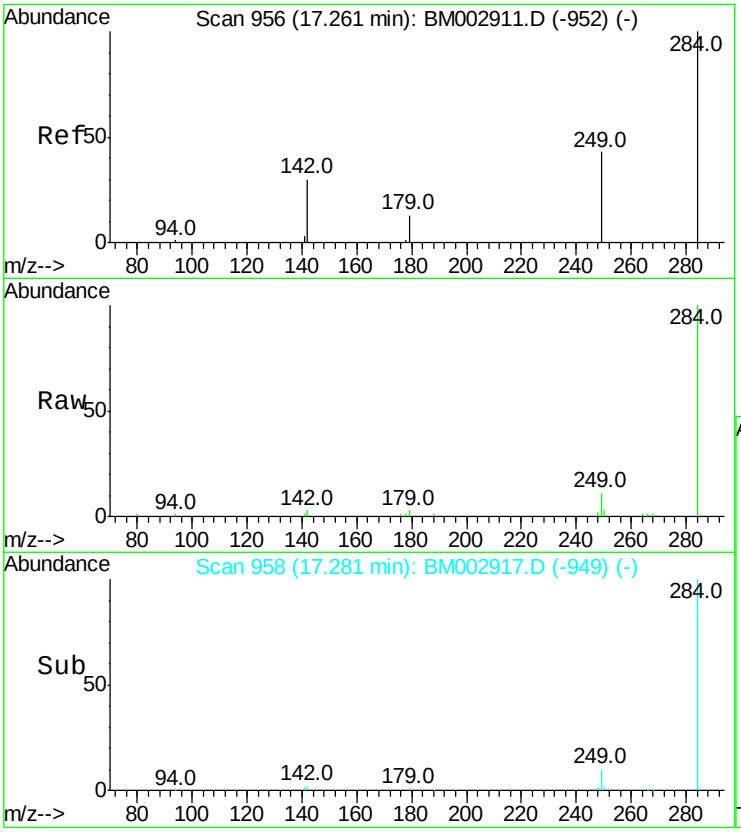


#20
4-Bromophenyl-phenylether
Concen: 1.04 ng
RT: 17.13 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:248 Resp: 20510

Ion	Ratio	Lower	Upper
248	100		
250	99.8	71.4	107.2
141	59.0	54.6	82.0





#21
Hexachlorobenzene
Concen: 1.06 ng
RT: 17.28 min Scan# 958
Delta R.T. 0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:284 Resp: 19746

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	20.7	31.1#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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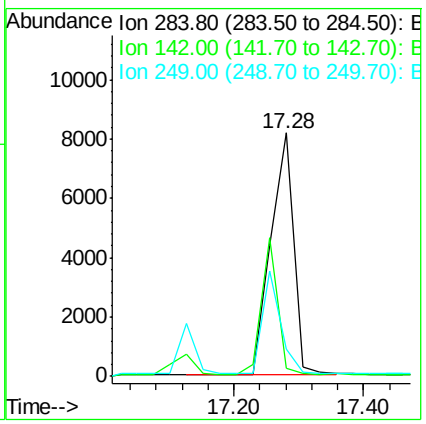
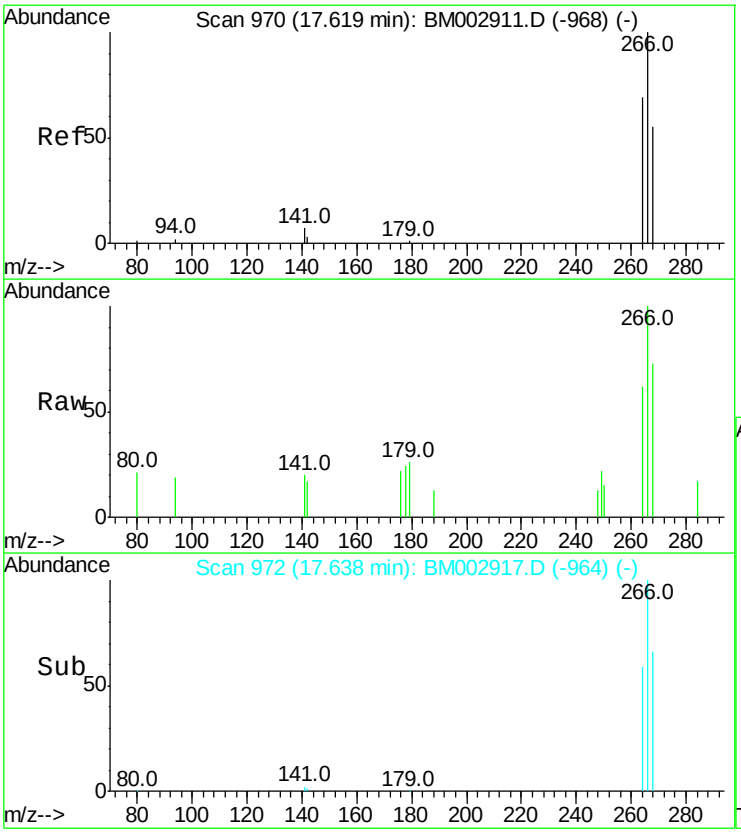
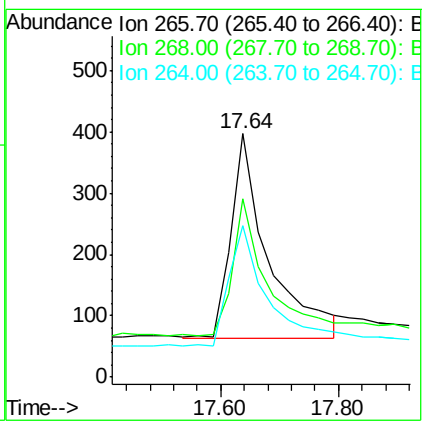


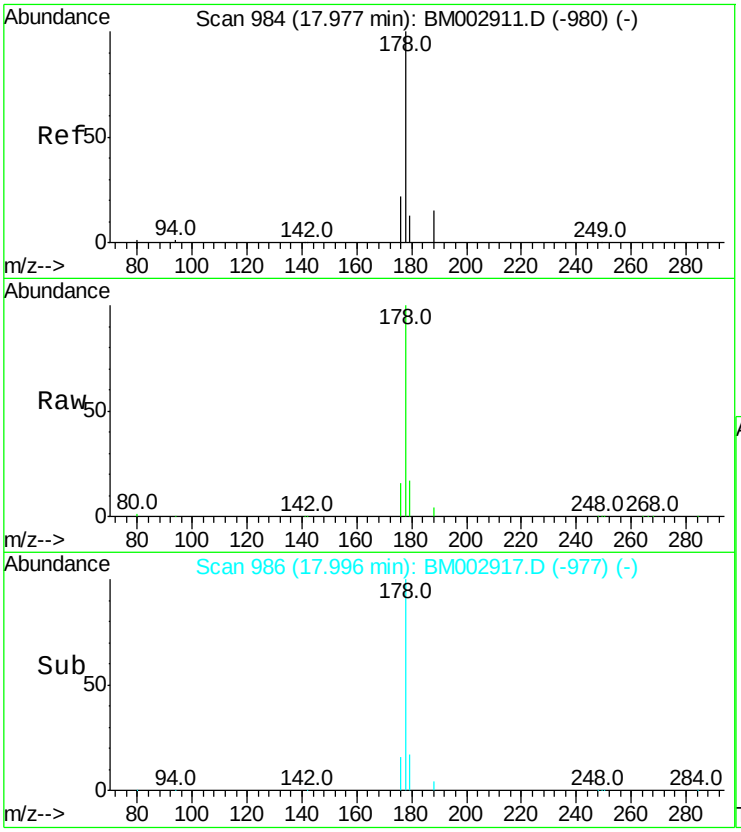


#22
Pentachlorophenol
Concen: 0.89 ng m
RT: 17.64 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:266 Resp: 1486

Ion	Ratio	Lower	Upper
266	100		
268	73.3	58.3	87.5
264	62.0	54.2	81.2

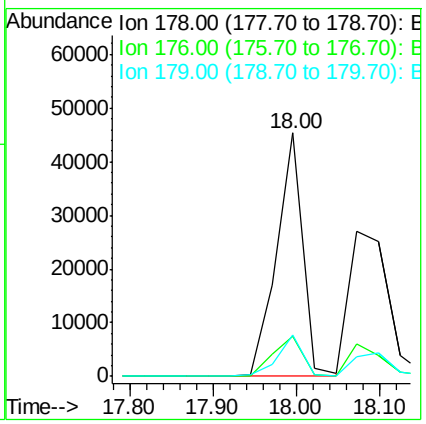




#23
Phenanthrene
Concen: 0.89 ng
RT: 18.00 min Scan# 986
Delta R.T. 0.02 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:178 Resp: 98569

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.8	12.5	18.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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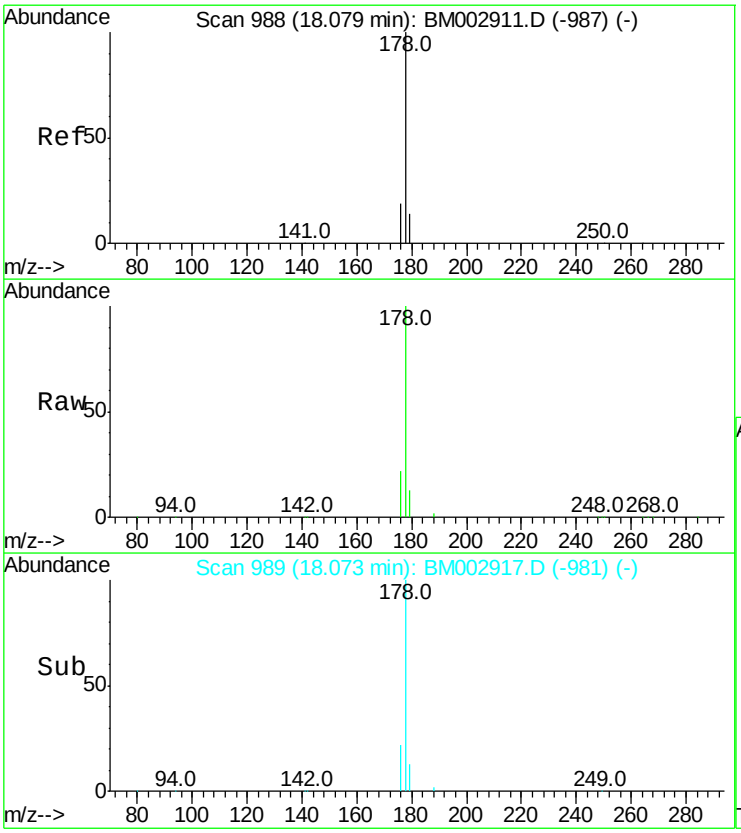
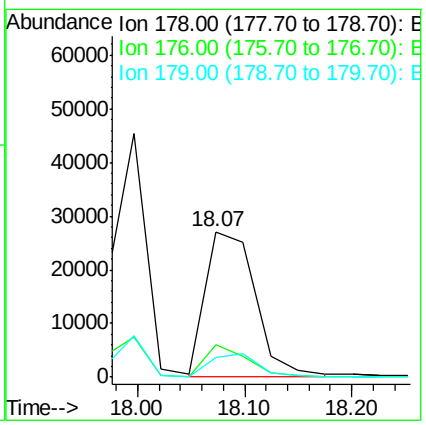
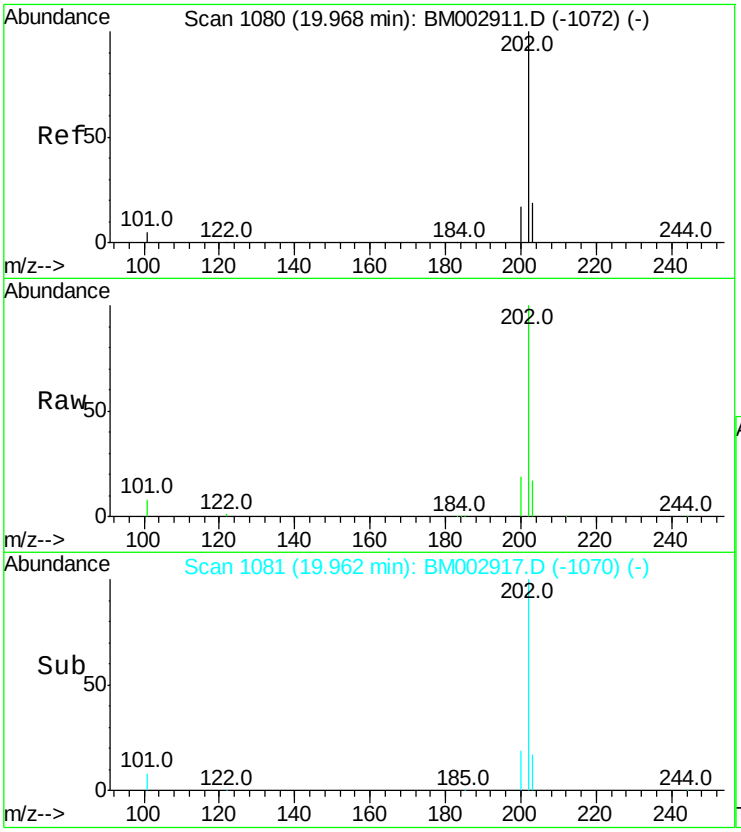


#24
Anthracene
Concen: 0.84 ng m
RT: 18.07 min Scan# 989
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:178 Resp: 88822

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.9	20.9
179	17.5	12.6	18.8





#25
Fluoranthene
Concen: 0.90 ng
RT: 19.96 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:202 Resp: 110736

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.6
203	17.5	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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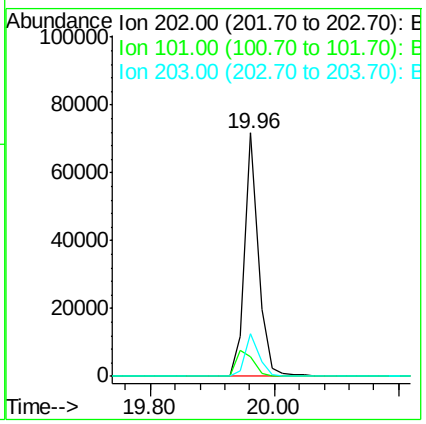
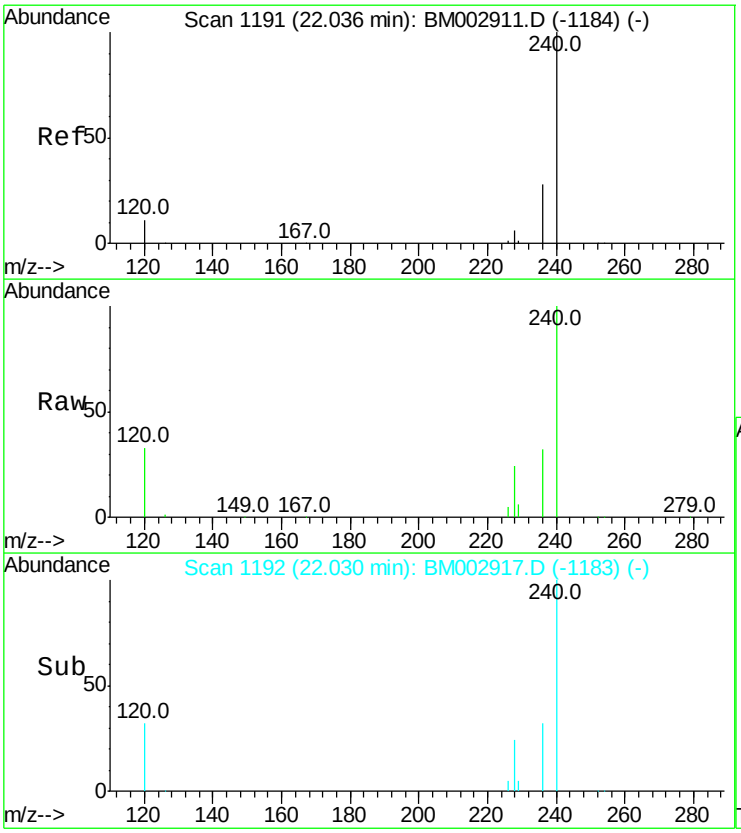
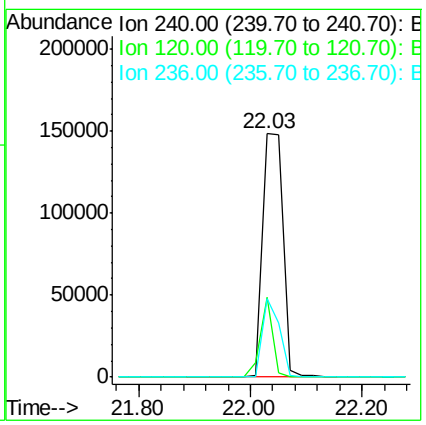


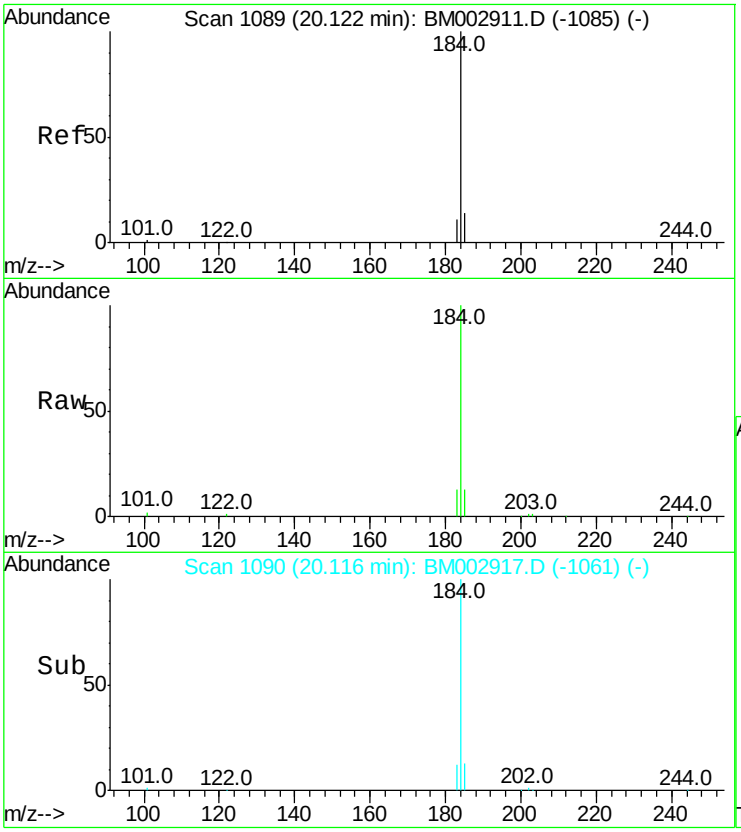


#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:240 Resp: 374825

Ion	Ratio	Lower	Upper
240	100		
120	32.6	3.3	4.9#
236	32.1	19.5	29.3#

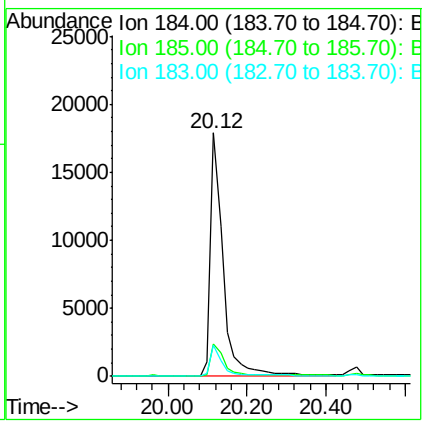




#27
Benzidine
Concen: 0.84 ng
RT: 20.12 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:184 Resp: 39133

Ion	Ratio	Lower	Upper
184	100		
185	13.3	12.0	18.0
183	12.6	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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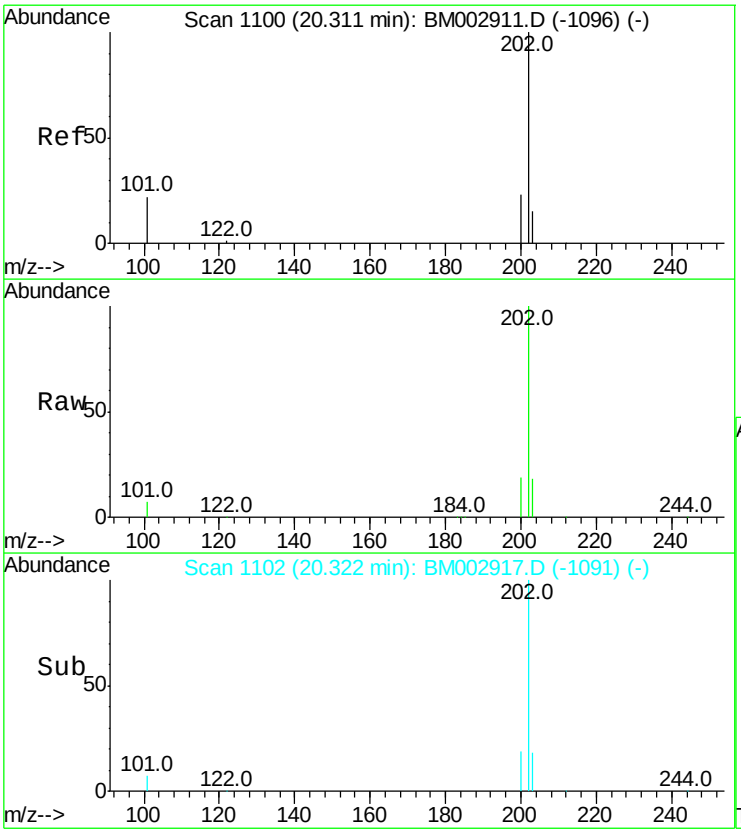
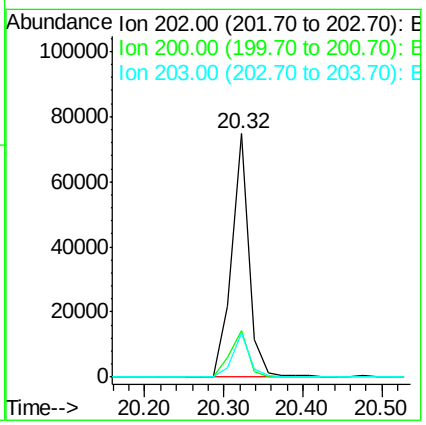
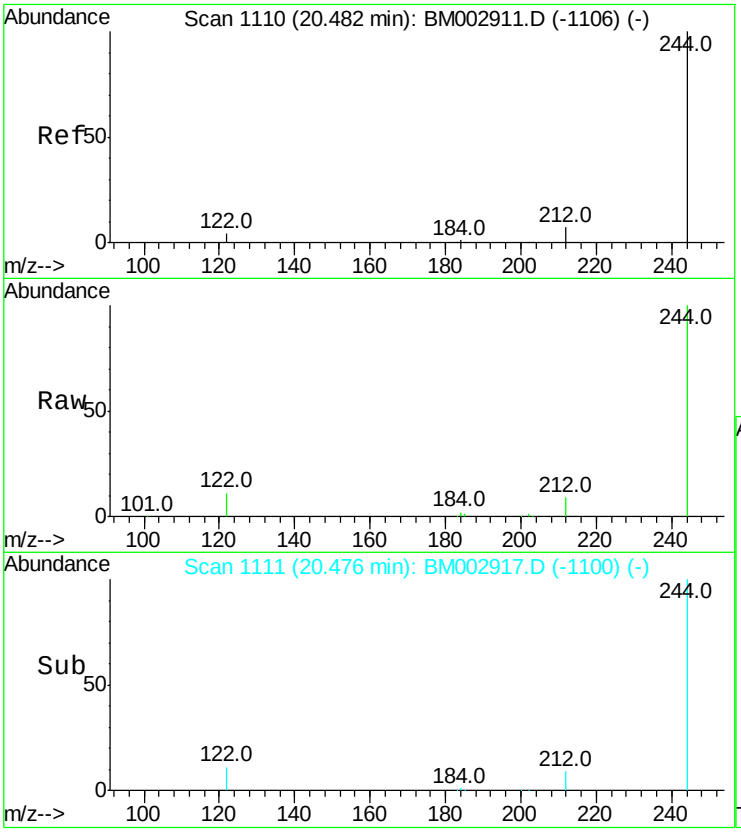


#28
Pyrene
Concen: 1.03 ng
RT: 20.32 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:202 Resp: 113891

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.4	13.8	20.8





#29
Terphenyl-d14
Concen: 1.05 ng
RT: 20.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:244 Resp: 59034

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.6	8.4#
122	11.0	2.2	3.2#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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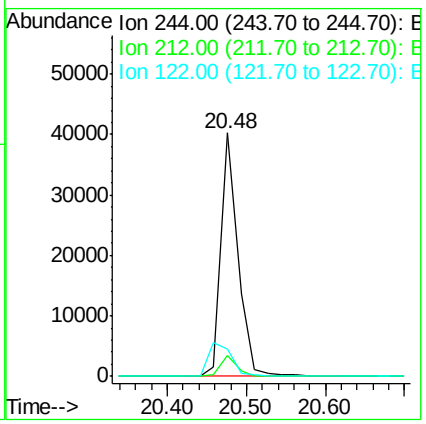
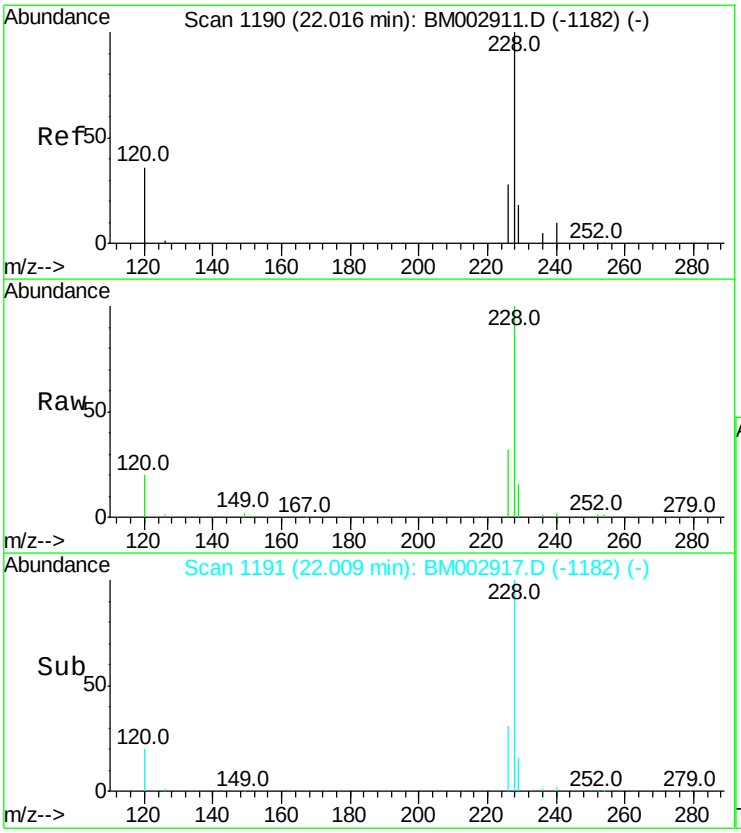
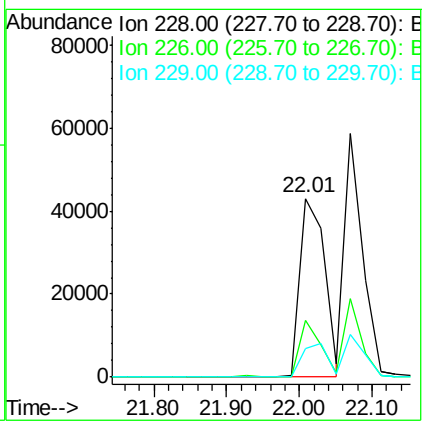


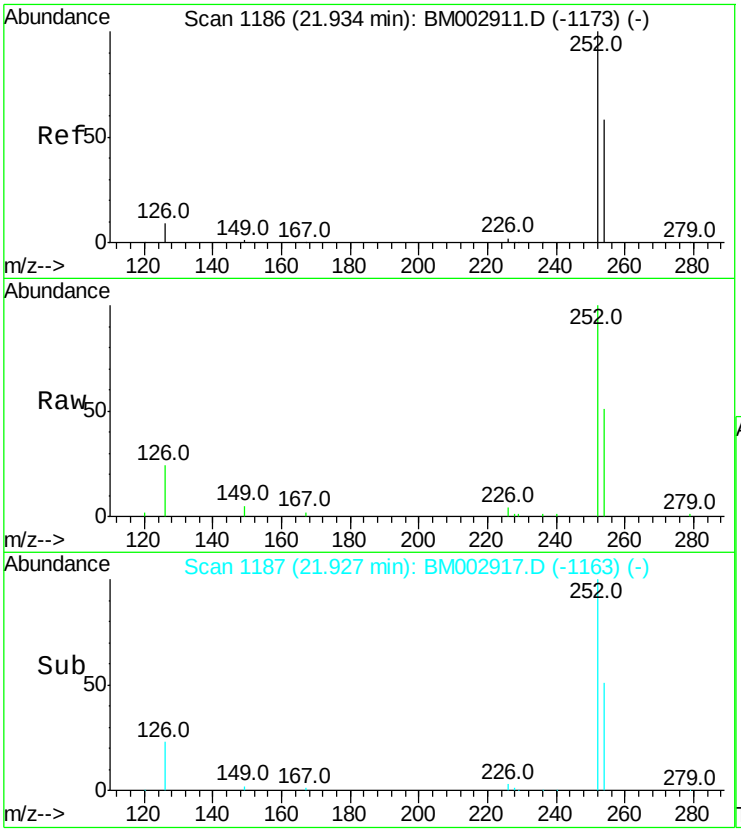


#30
Benzo(a)anthracene
Concen: 0.93 ng
RT: 22.01 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:228 Resp: 101191

Ion	Ratio	Lower	Upper
228	100		
226	31.5	19.0	28.6#
229	16.2	16.8	25.2#

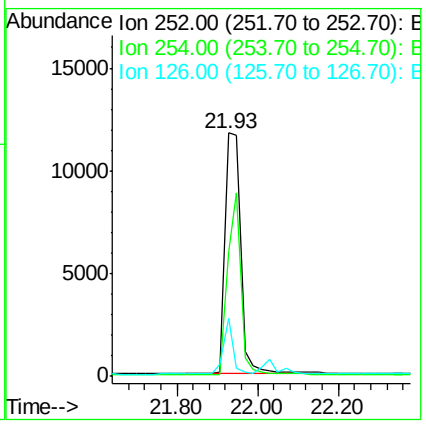




#31
3,3'-Dichlorobenzidine
Concen: 0.86 ng
RT: 21.93 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:252 Resp: 31622

Ion	Ratio	Lower	Upper
252	100		
254	51.3	54.1	81.1#
126	23.7	4.1	6.1#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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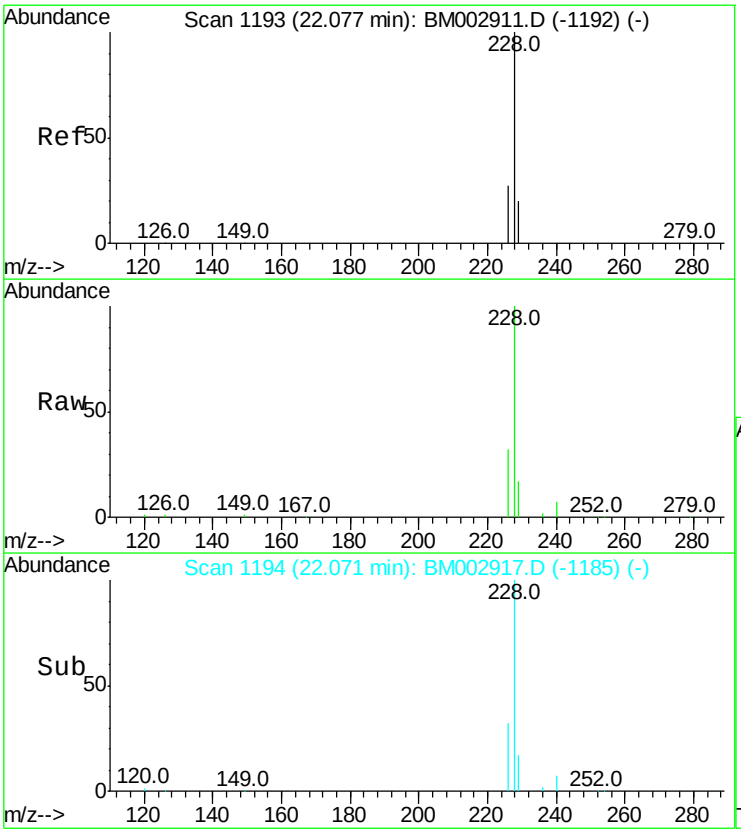
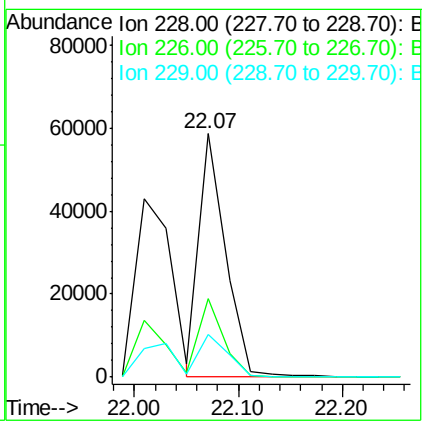
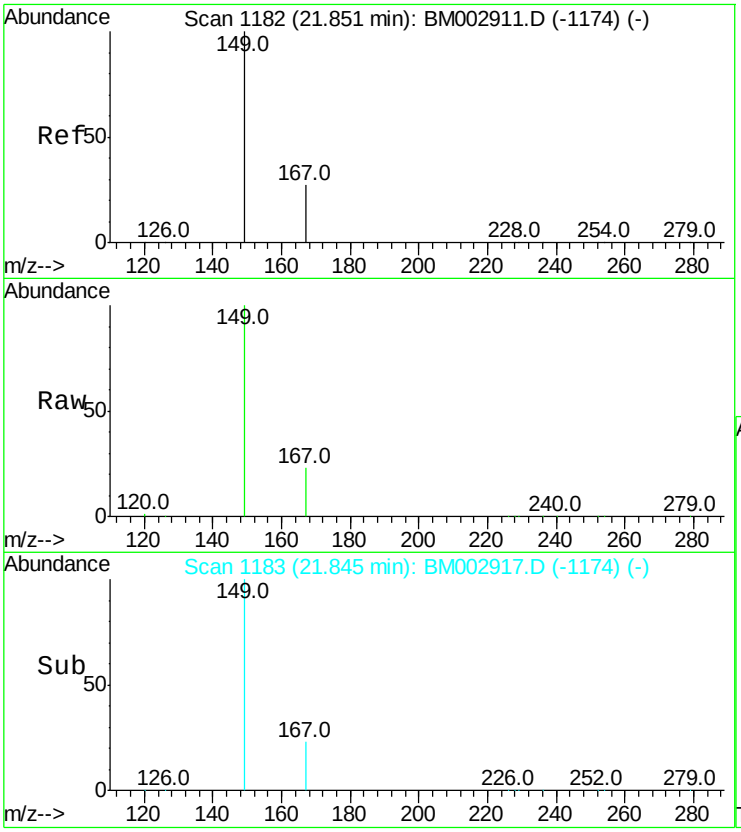


#32
Chrysene
Concen: 1.01 ng
RT: 22.07 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:228 Resp: 102739

Ion	Ratio	Lower	Upper
228	100		
226	32.1	20.6	30.8#
229	17.5	17.4	26.2





#33
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 21.85 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:149 Resp: 49525

Ion	Ratio	Lower	Upper
149	100		
167	25.0	17.2	25.8
279	0.0	2.2	3.4#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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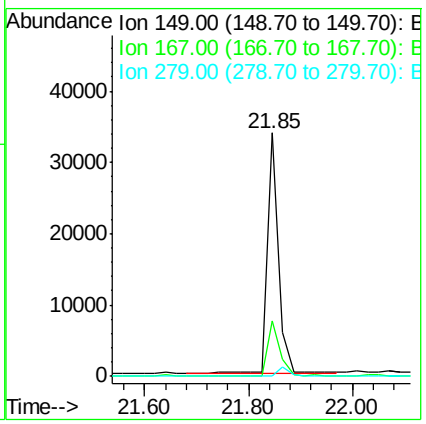
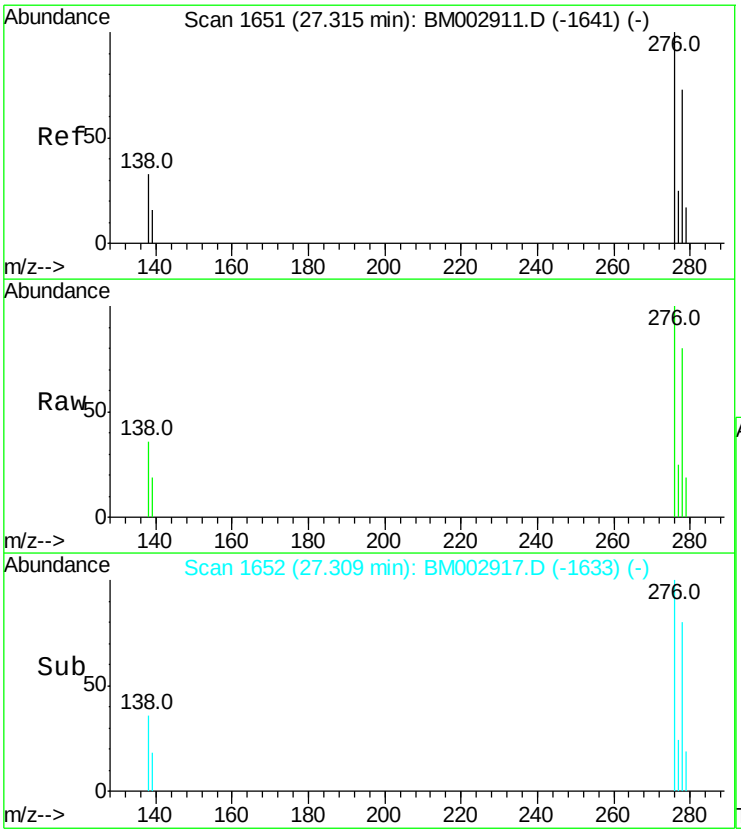
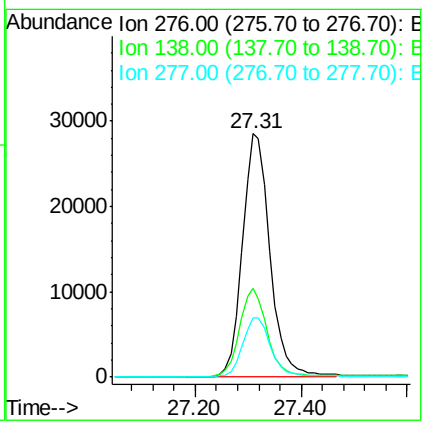


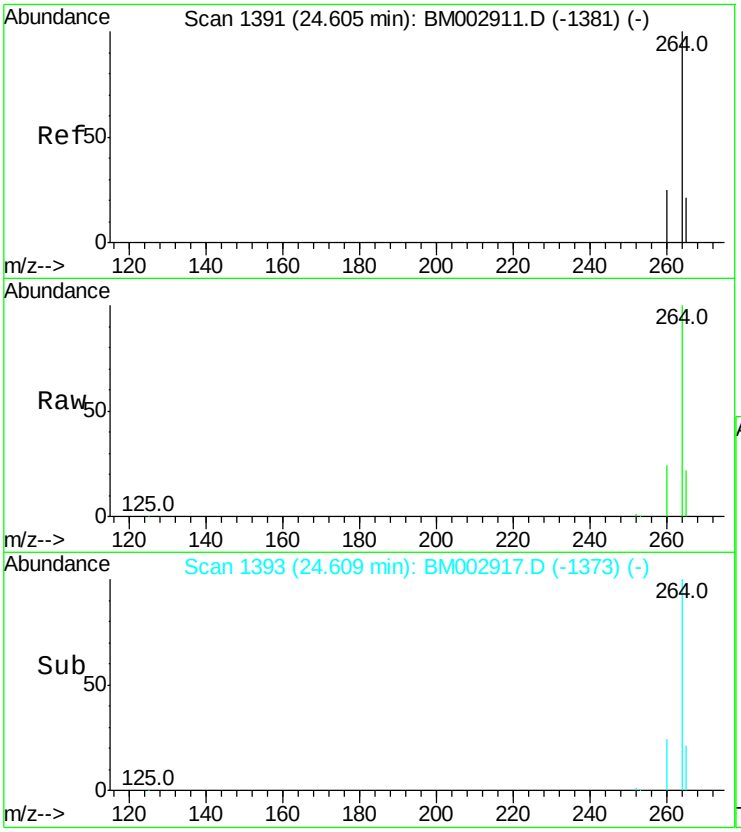


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 27.31 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:276 Resp: 101708

Ion	Ratio	Lower	Upper
276	100		
138	36.0	29.0	43.6
277	24.7	19.8	29.8

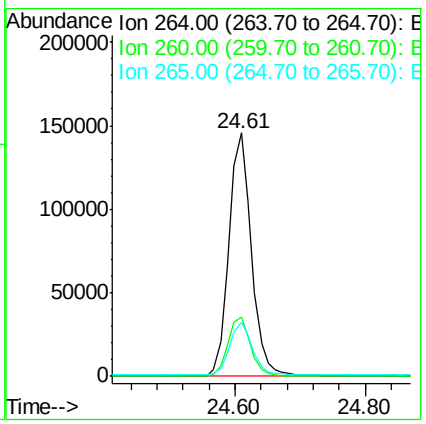




#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:264 Resp: 348168

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.1	17.6	26.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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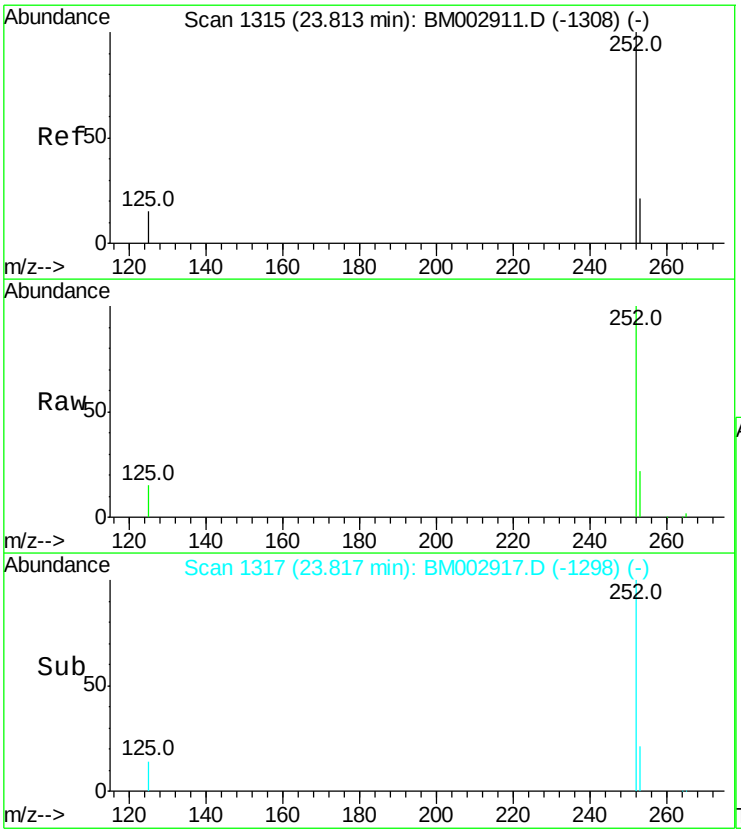
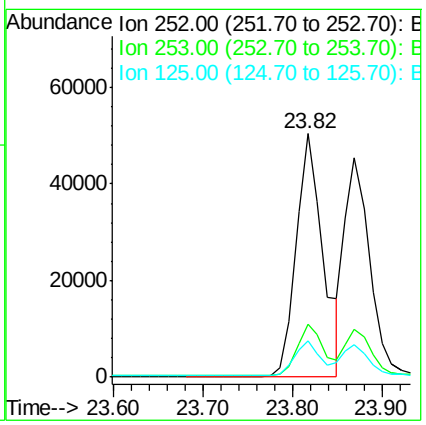
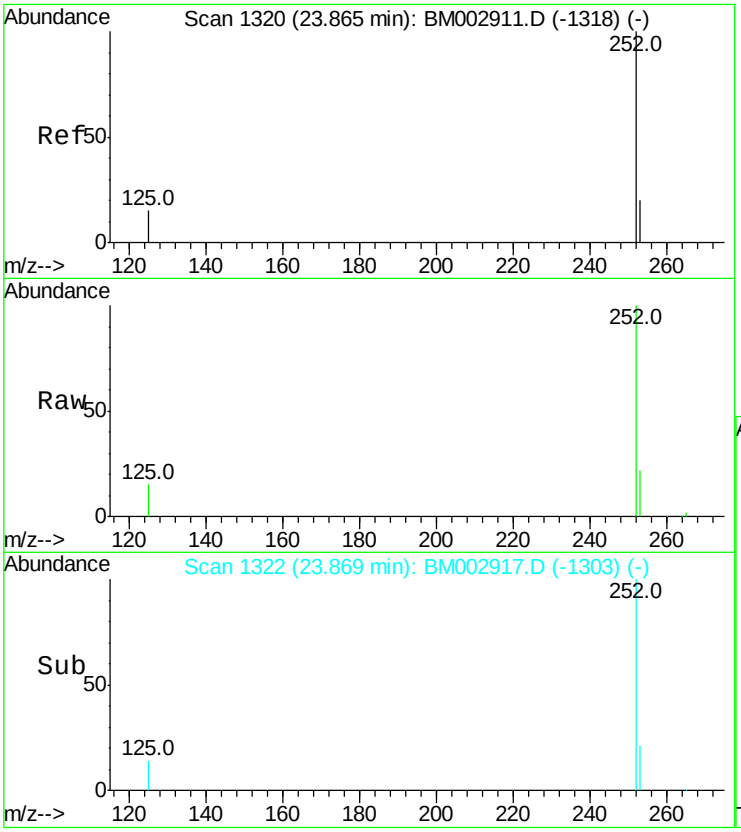


#36
Benzo(b)fluoranthene
Concen: 1.04 ng
RT: 23.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:252 Resp: 103952

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.7	12.4	18.6

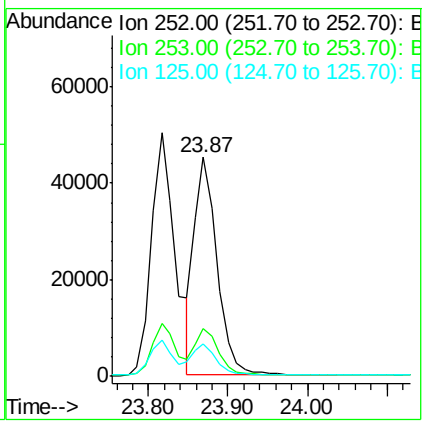




#37
Benzo(k)fluoranthene
Concen: 0.91 ng
RT: 23.87 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:252 Resp: 88894

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.8	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
MMdadoda
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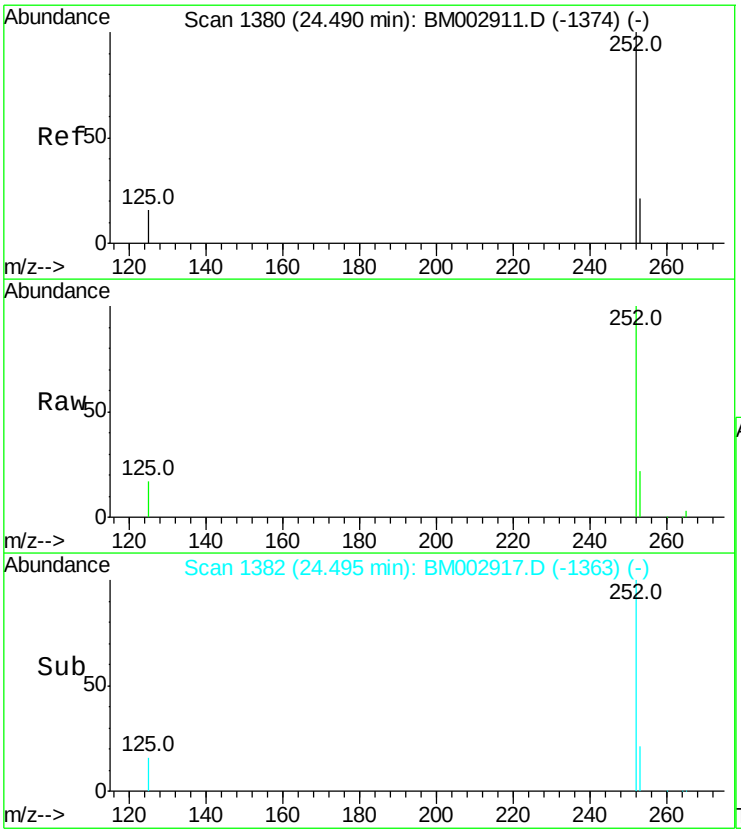
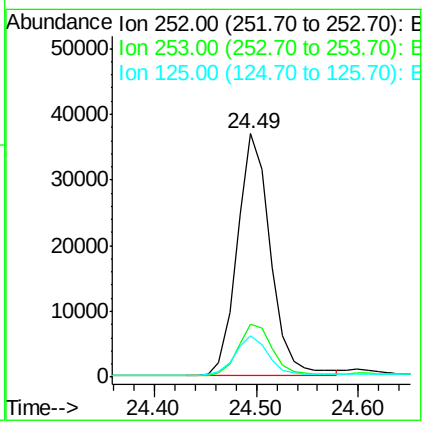
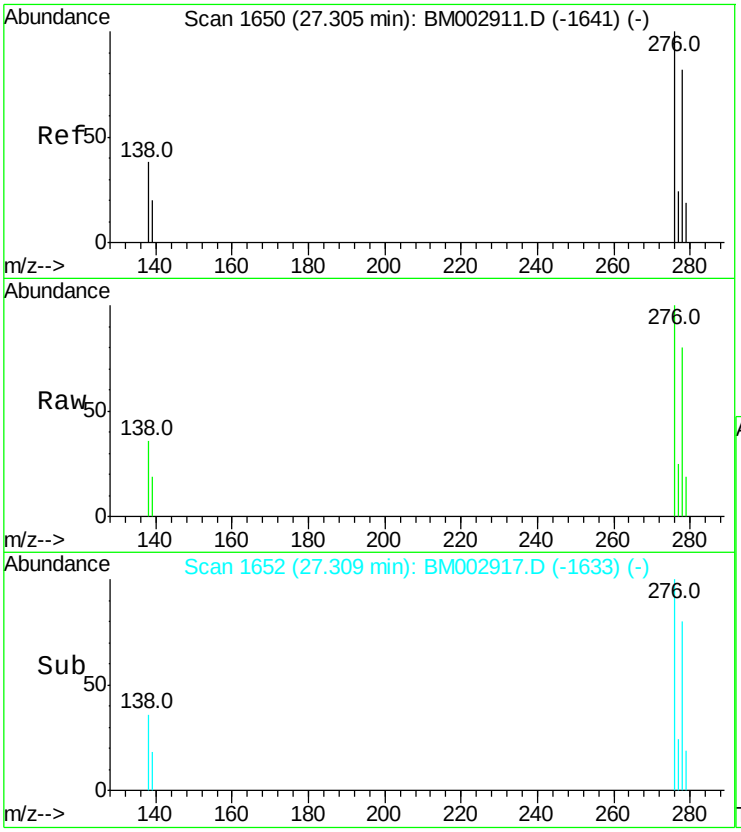


#38
Benzo(a)pyrene
Concen: 0.94 ng
RT: 24.49 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:252 Resp: 83311

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	16.8	13.3	19.9

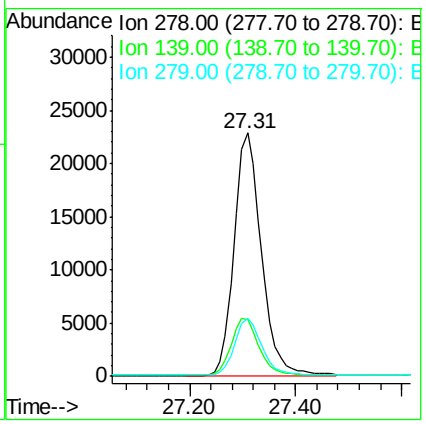




#39
Dibenzo(a,h)anthracene
Concen: 0.96 ng
RT: 27.31 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

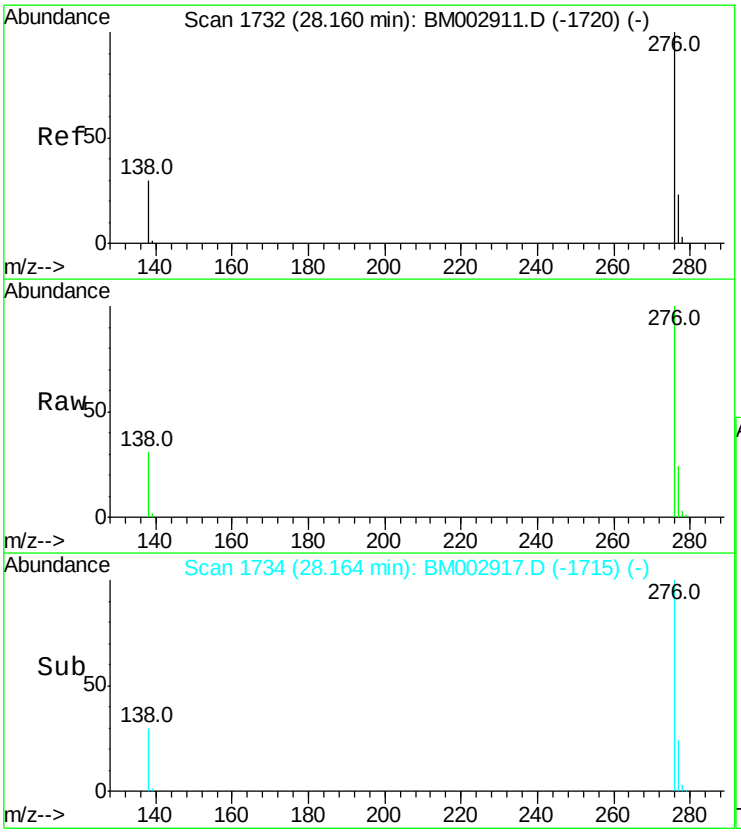
Tgt Ion:278 Resp: 81381

Ion	Ratio	Lower	Upper
278	100		
139	23.2	19.8	29.6
279	24.0	19.1	28.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
MMdadoda
10/16/2015 3:58:36 PM



#40
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 28.16 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM002917.D
Acq: 15 Oct 2015 16:54

Tgt Ion:276 Resp: 86001

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	30.7	24.4	36.6