Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000918.D
Acq On : 08 Apr 2015 22:09
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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Quant Time: Apr 09 09:57:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	30773	5.00	ng		-0.01
4) Naphthalene-d8	10.39	136	106517	5.00	ng		-0.01
8) Acenaphthene-d10	14.26	164	53754	5.00	ng		-0.02
13) Phenanthrene-d10	17.01	188	117594	5.00	ng		0.00
19) Chrysene-d12	21.20	240	101401	5.00	ng		-0.01
25) Perylene-d12	23.38	264	93319	5.00	ng		-0.02
System Monitoring Compounds							
5) Nitrobenzene-d5	8.76	82	5187	0.97	ng		-0.01
9) 2-Fluorobiphenyl	12.88	172	16298	0.98	ng		-0.01
21) Terphenyl-d14	19.65	244	12785	1.05	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	2868	0.96	ng	#	97
6) Naphthalene	10.44	128	24301	0.98	ng		100
7) 2-Methylnaphthalene	12.06	142	15611	1.00	ng		96
10) Acenaphthylene	13.97	152	23603	0.99	ng		100
11) Acenaphthene	14.31	154	15849	0.96	ng		98
12) Fluorene	15.32	166	18464	1.00	ng		100
14) Hexachlorobenzene	16.33	284	6163	0.89	ng	#	43
15) Pentachlorophenol	16.66	266	1736	1.28	ng		88
16) Phenanthrene	17.05	178	29694	0.92	ng		99
17) Anthracene	17.13	178	28325	1.05	ng		100
18) Fluoranthene	19.08	202	31853	1.00	ng		99
20) Pyrene	19.44	202	33209	1.00	ng		100
22) Benzo(a)anthracene	21.18	228	29128	1.01	ng	#	89
23) Chrysene	21.23	228	30110	0.99	ng		100
24) Indeno(1,2,3-cd)pyrene	25.56	276	30838	0.98	ng		99
26) Benzo(b)fluoranthene	22.72	252	28009	0.95	ng		98
27) Benzo(k)fluoranthene	22.76	252	28893	1.02	ng		98
28) Benzo(a)pyrene	23.29	252	24998	0.99	ng		99
29) Dibenzo(a,h)anthracene	25.57	278	23740	0.95	ng		99
30) Benzo(g,h,i)perylene	26.23	276	26173	0.97	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000918.D
Acq On : 08 Apr 2015 22:09
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 09:57:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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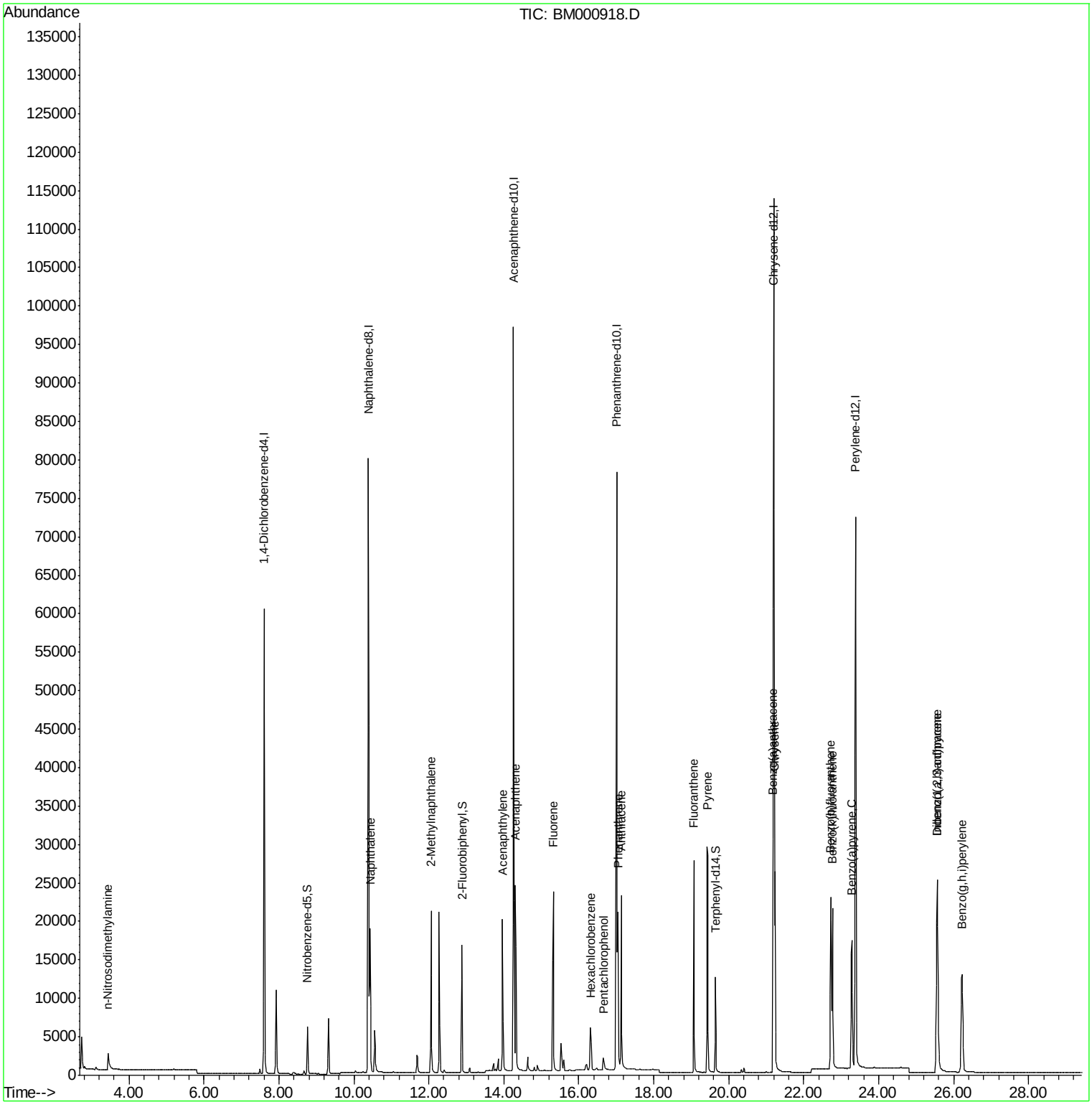
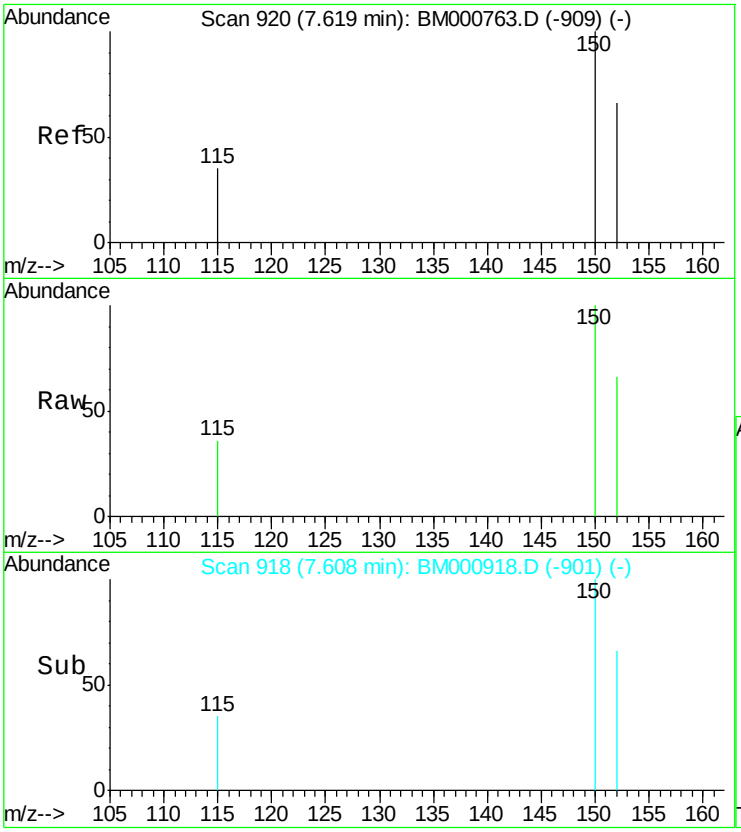
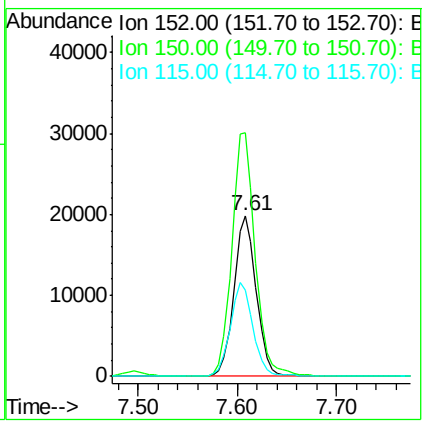




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:152 Resp: 30773

Ion	Ratio	Lower	Upper
152	100		
150	151.4	120.8	181.2
115	54.0	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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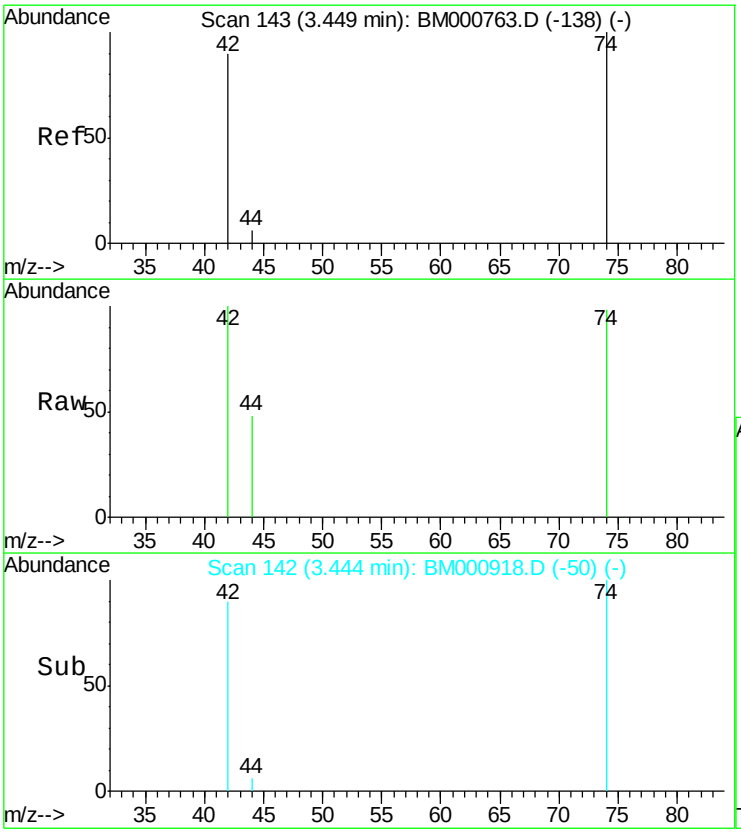
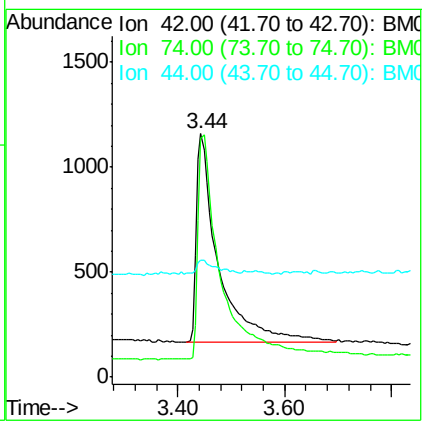
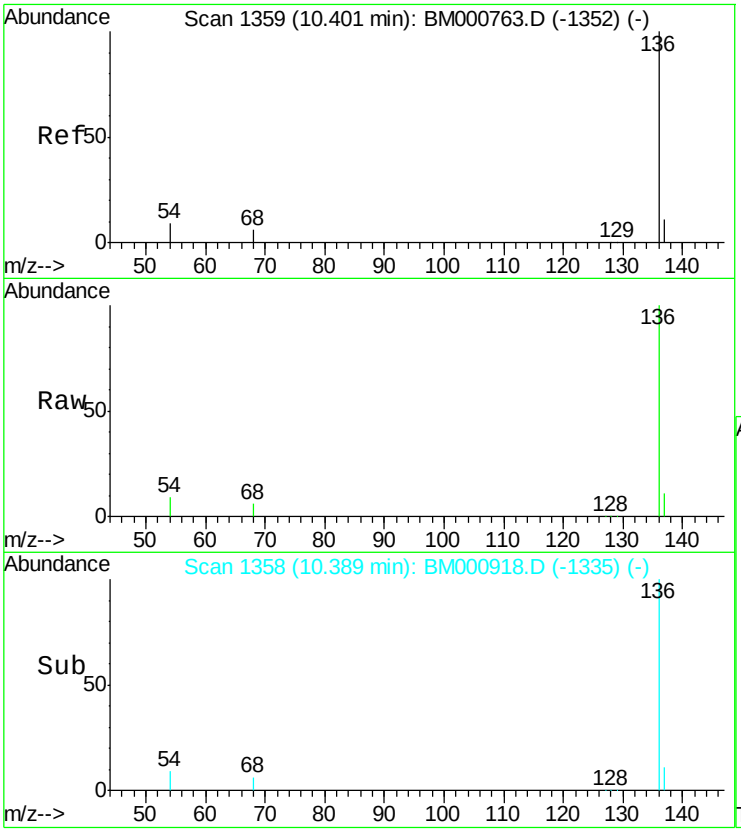


#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 3.44 min Scan# 142
Delta R.T. -0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion: 42 Resp: 2868

Ion	Ratio	Lower	Upper
42	100		
74	114.1	93.6	140.4
44	5.3	6.3	9.5#





#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:136 Resp: 106517

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.7	7.0	10.6

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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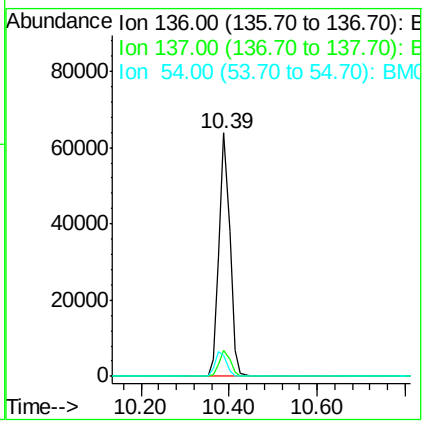
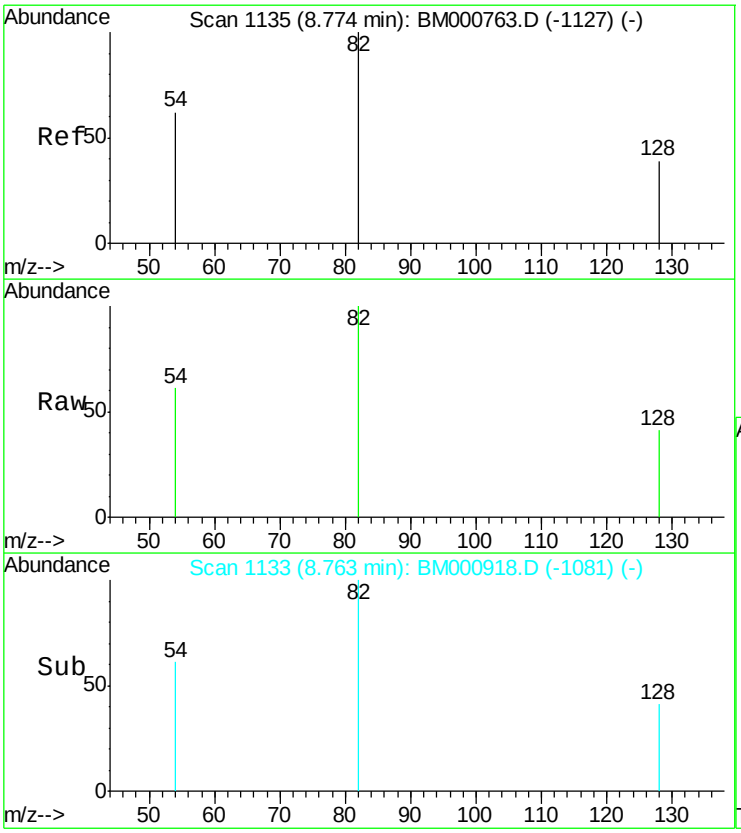
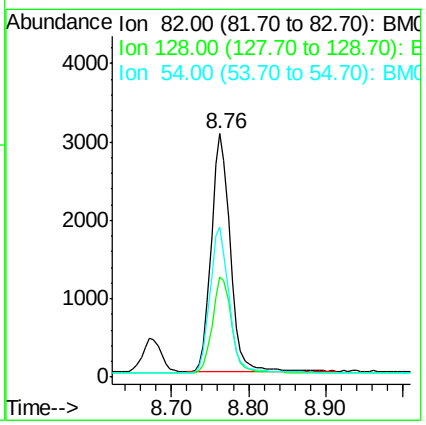


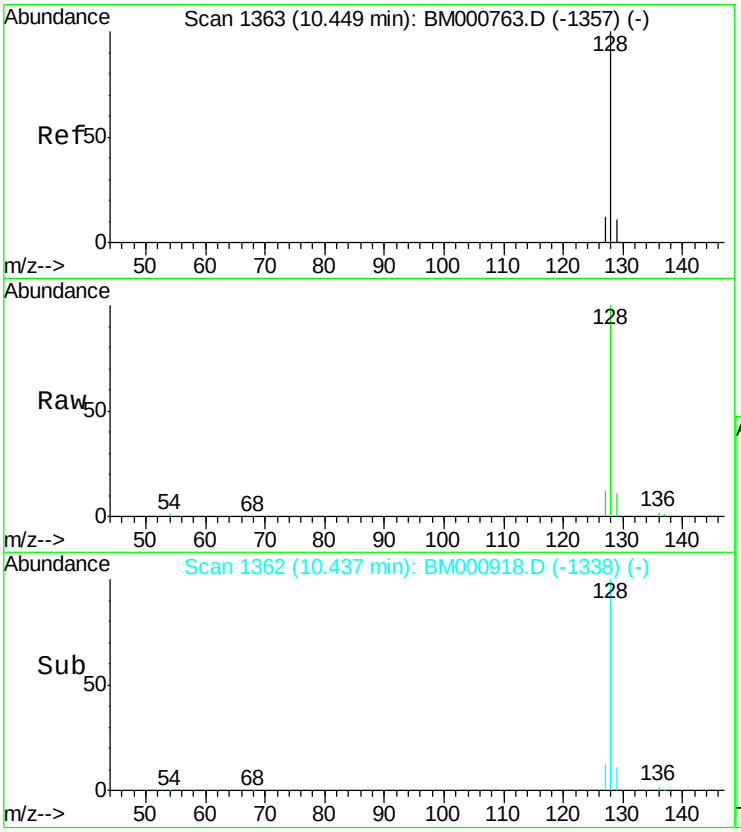


#5
Nitrobenzene-d5
Concen: 0.97 ng
RT: 8.76 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion: 82 Resp: 5187

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	61.4	50.2	75.4

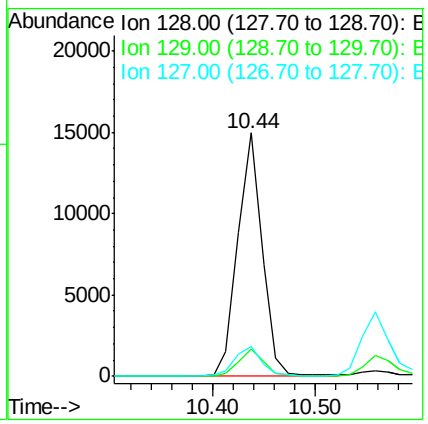




#6
Naphthalene
Concen: 0.98 ng
RT: 10.44 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:128 Resp: 24301

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.4	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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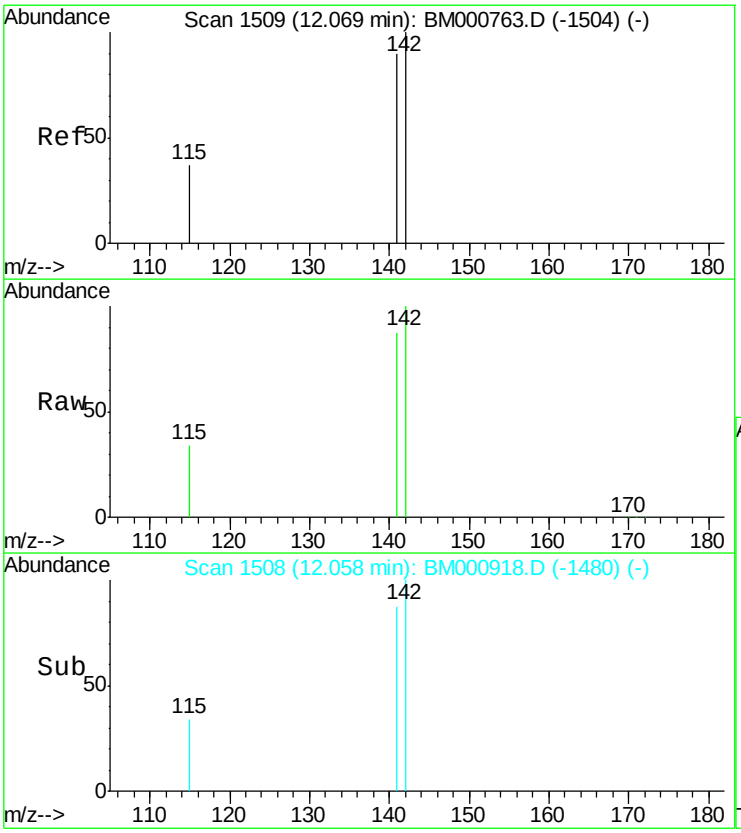
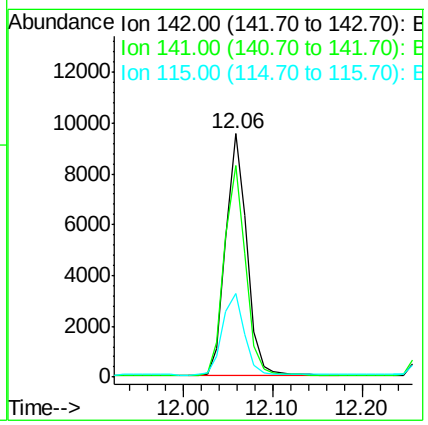
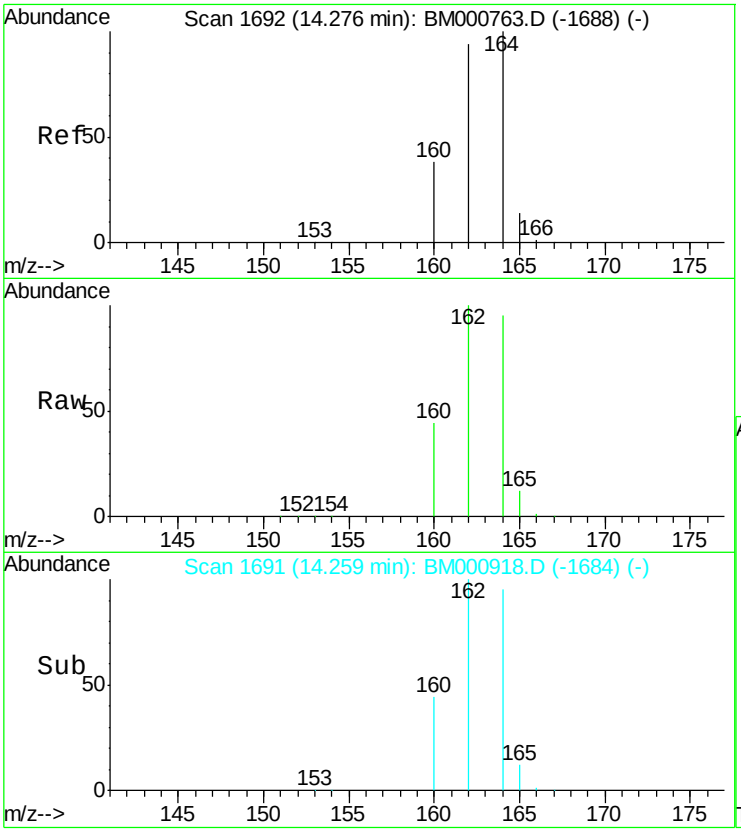


#7
2-Methylnaphthalene
Concen: 1.00 ng
RT: 12.06 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:142 Resp: 15611

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.3	108.5
115	34.3	29.5	44.3

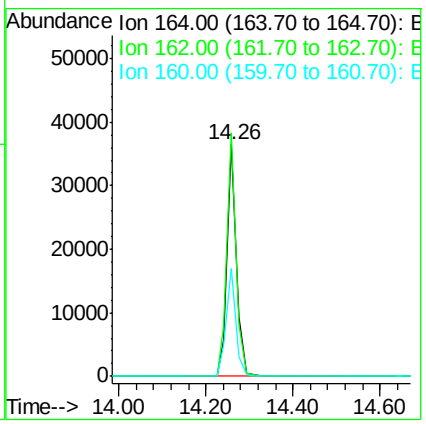




#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:164 Resp: 53754

Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.4	113.2
160	46.7	30.8	46.2#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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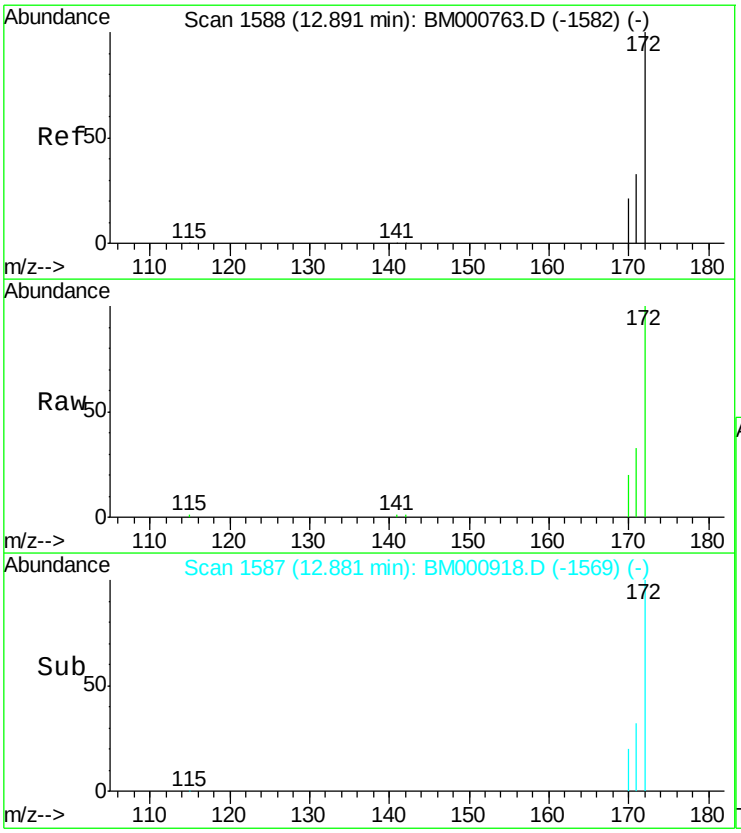
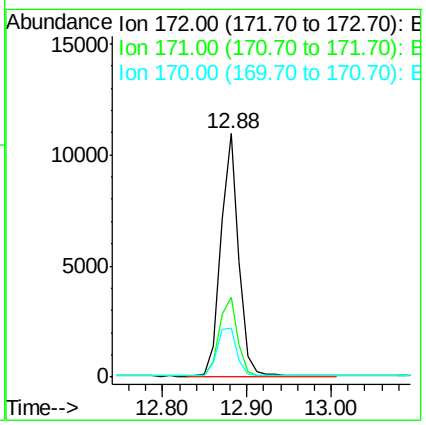
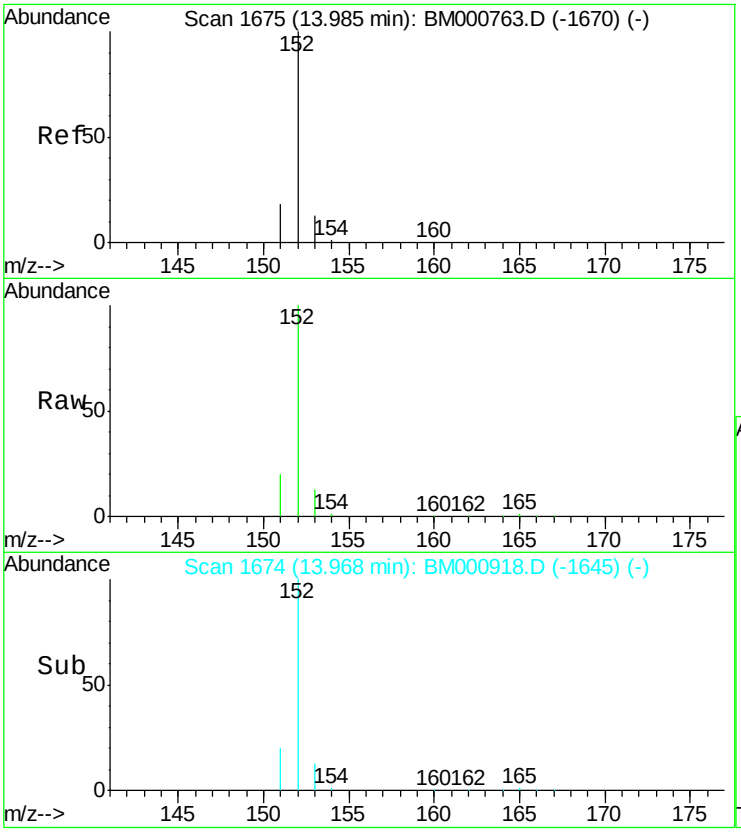


#9
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 12.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:172 Resp: 16298

Ion	Ratio	Lower	Upper
172	100		
171	32.7	26.6	39.8
170	20.3	17.1	25.7





#10
Acenaphthylene
Concen: 0.99 ng
RT: 13.97 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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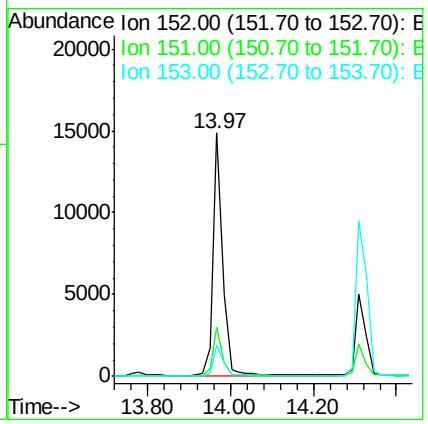
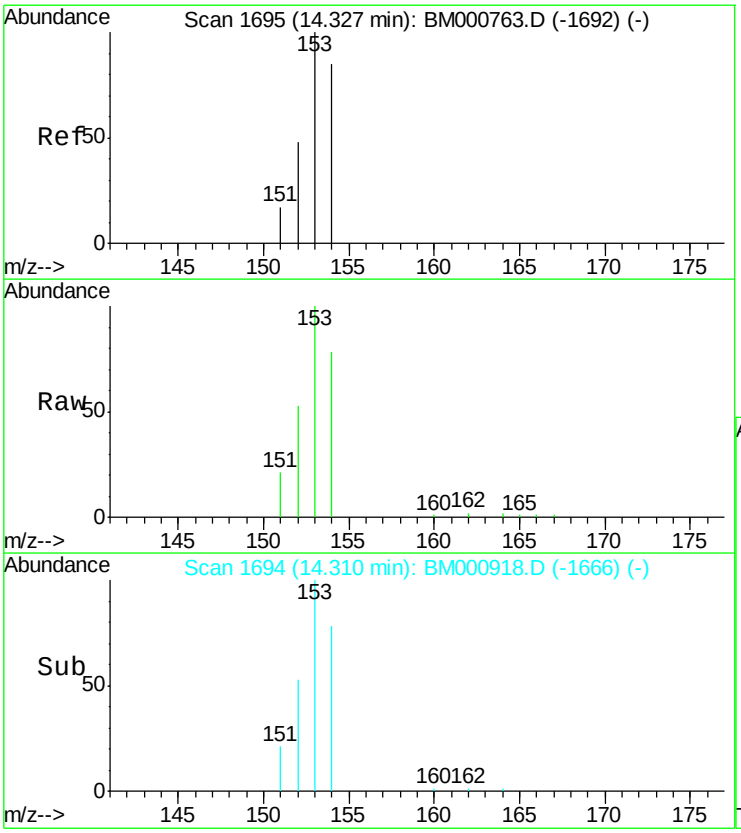
Tgt Ion:152 Resp: 23603

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7
153	12.8	10.2	15.4

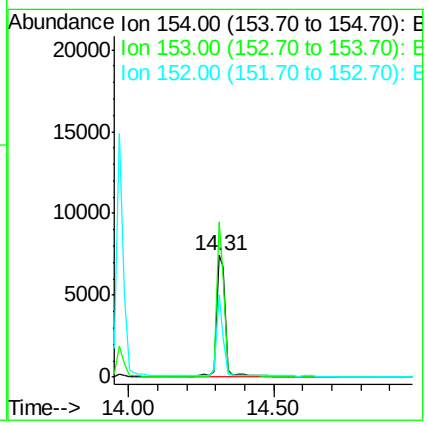


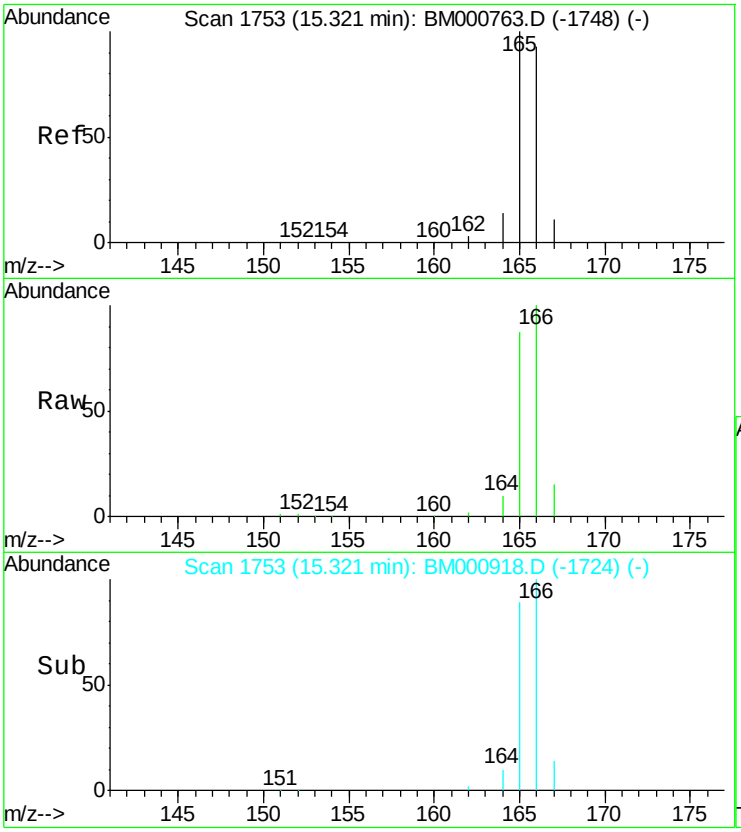


#11
Acenaphthene
Concen: 0.96 ng
RT: 14.31 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:154 Resp: 15849

Ion	Ratio	Lower	Upper
154	100		
153	107.6	87.3	130.9
152	51.7	43.0	64.6





#12
Fluorene
Concen: 1.00 ng
RT: 15.32 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:166 Resp: 18464

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	13.4	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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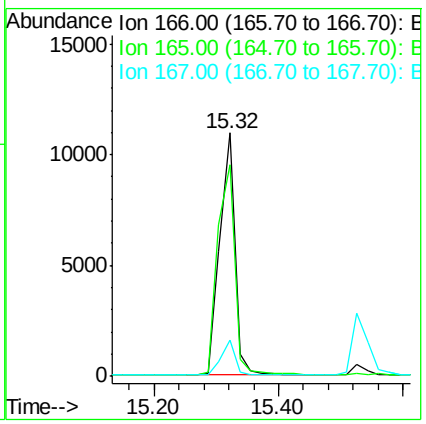
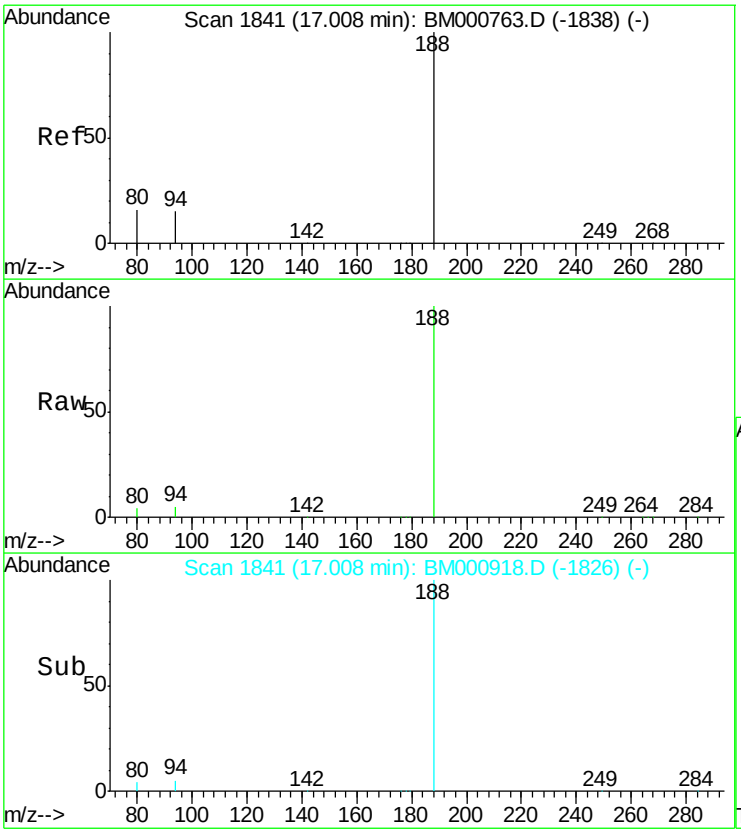
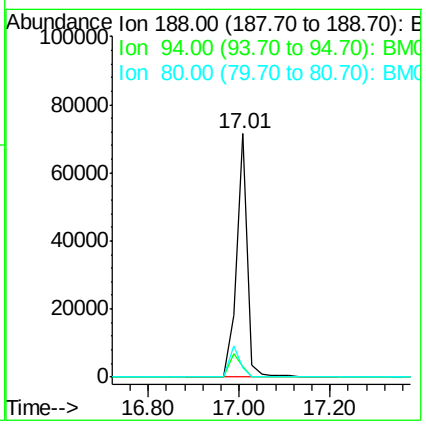


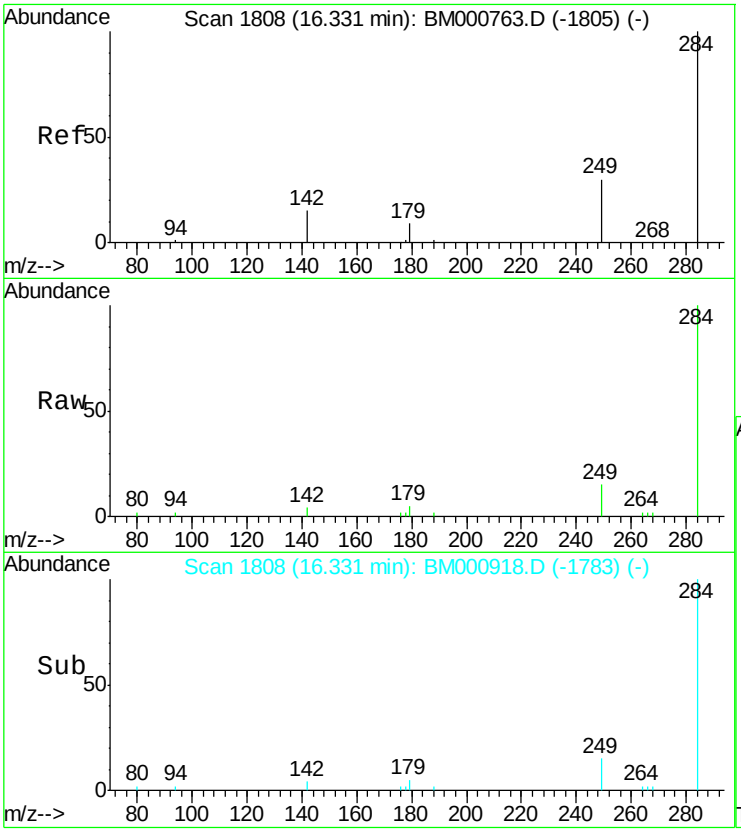


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:188 Resp: 117594

Ion	Ratio	Lower	Upper
188	100		
94	4.6	12.0	18.0#
80	4.0	12.8	19.2#





#14
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.33 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:284 Resp: 6163

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	25.2	37.8#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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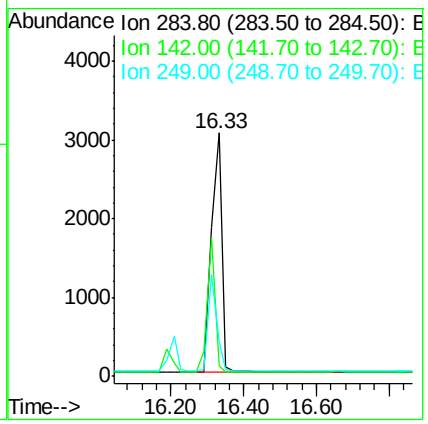
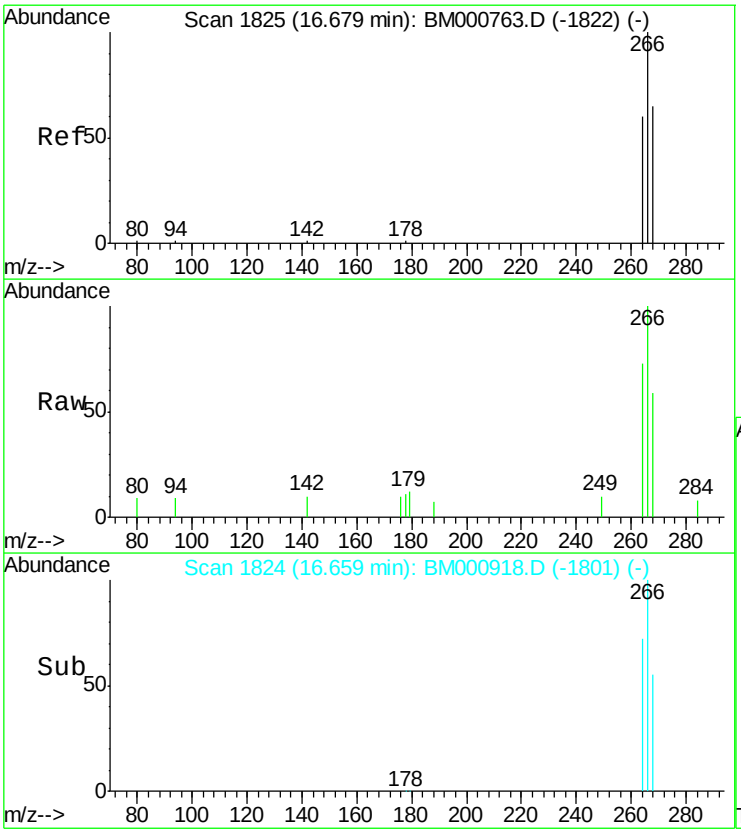
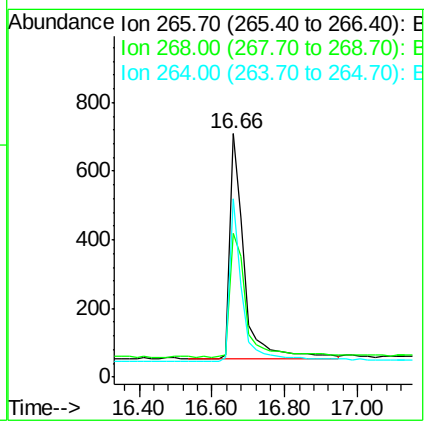


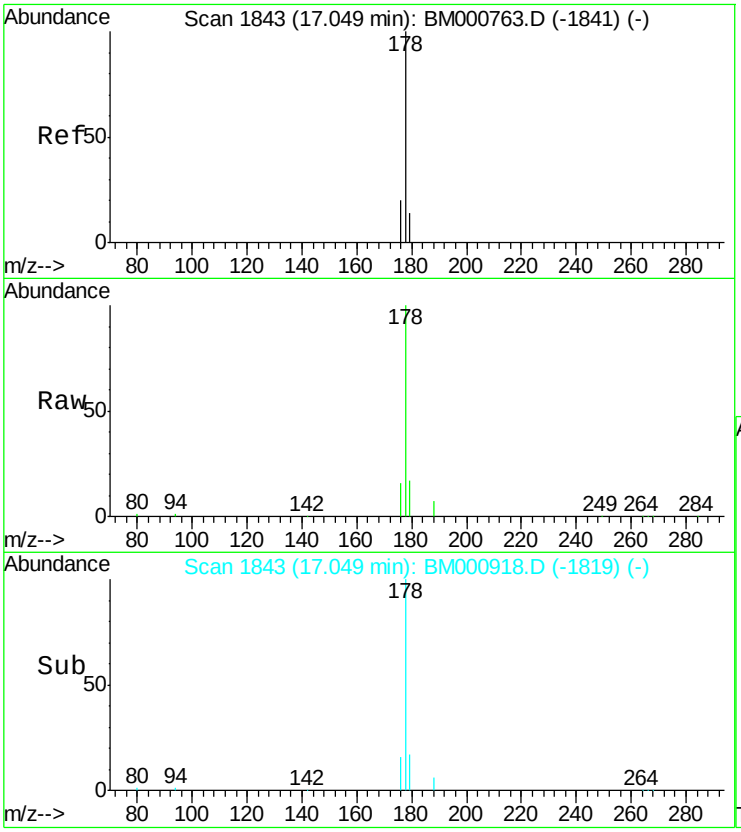


#15
Pentachlorophenol
Concen: 1.28 ng
RT: 16.66 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:266 Resp: 1736

Ion	Ratio	Lower	Upper
266	100		
268	59.2	55.0	82.6
264	73.5	51.0	76.4

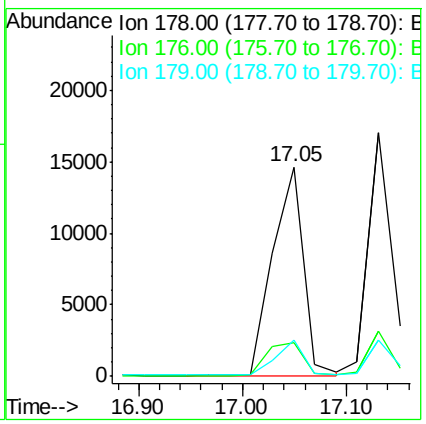




#16
Phenanthrene
Concen: 0.92 ng
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:178 Resp: 29694

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.7	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations APPROVED
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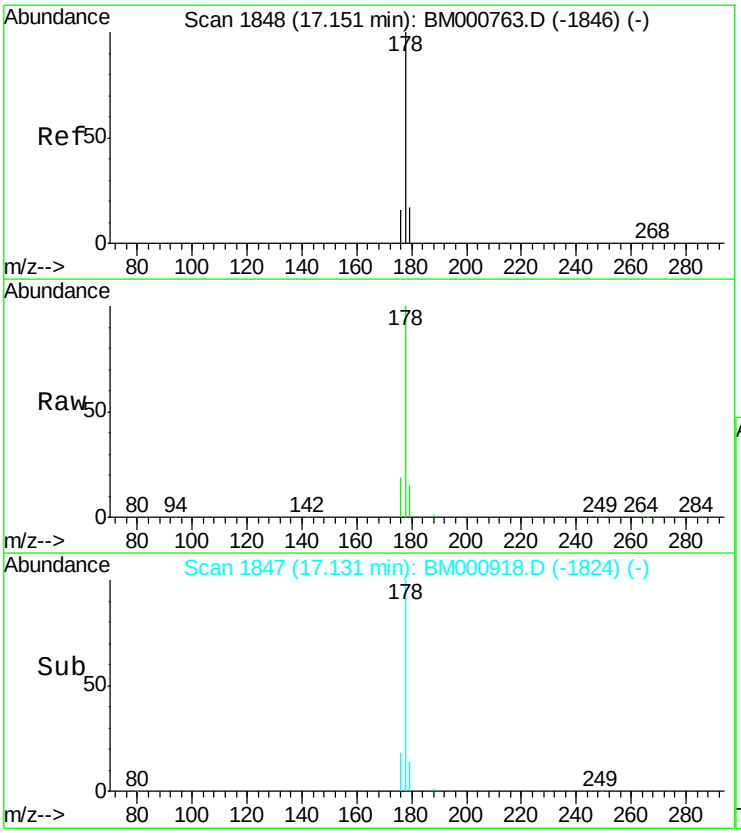
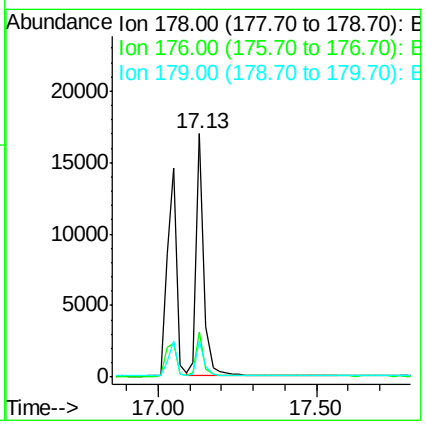
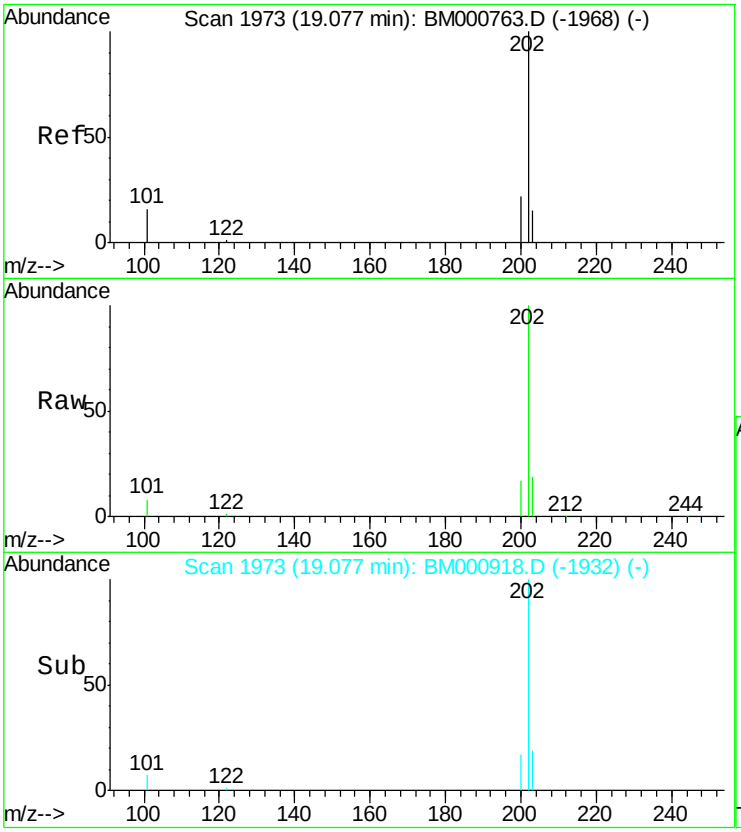


#17
Anthracene
Concen: 1.05 ng
RT: 17.13 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:178 Resp: 28325

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.1	12.2	18.4

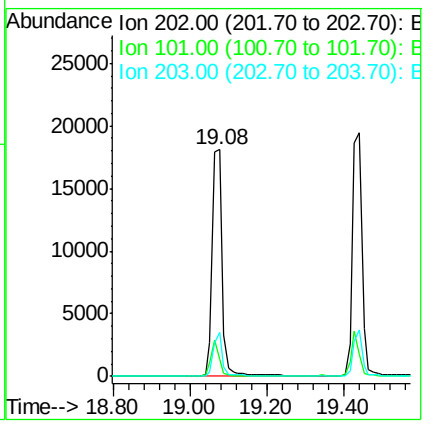




#18
Fluoranthene
Concen: 1.00 ng
RT: 19.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:202 Resp: 31853

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.5	15.7
203	17.1	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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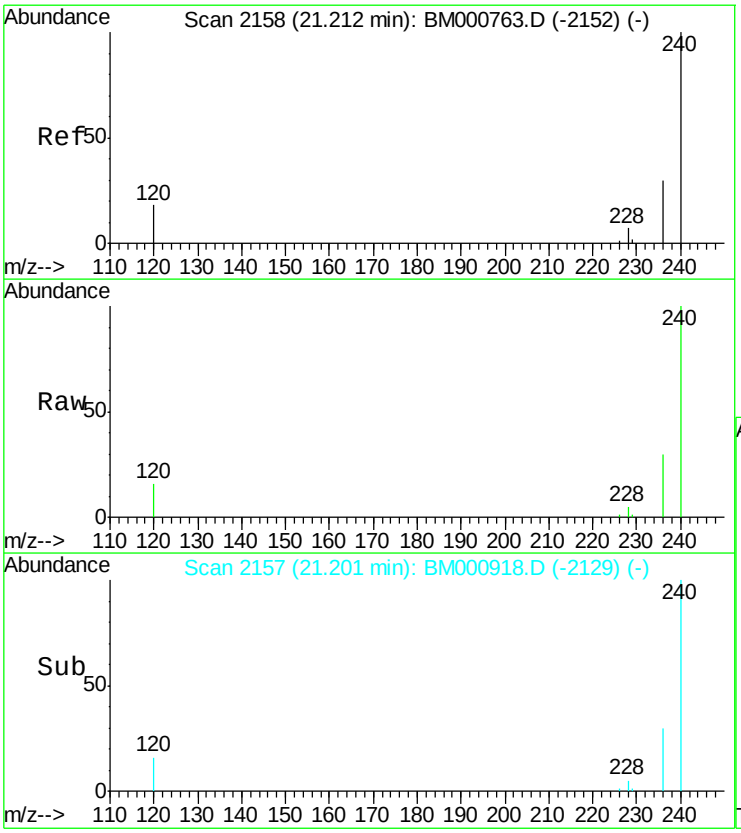
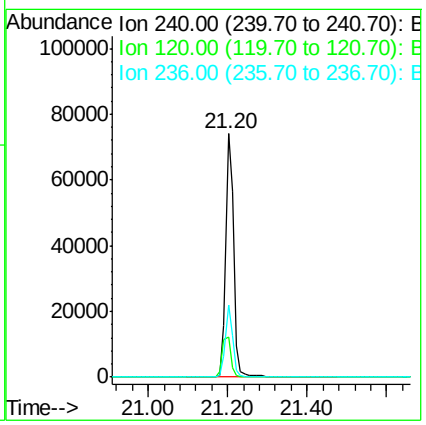
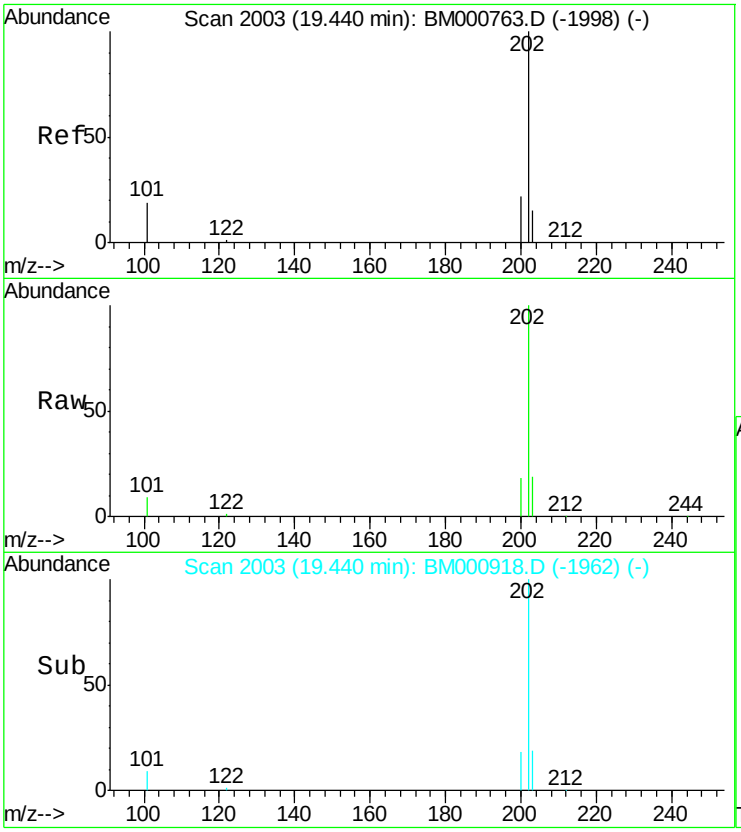


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:240 Resp: 101401

Ion	Ratio	Lower	Upper
240	100		
120	16.2	14.9	22.3
236	29.7	24.2	36.4





#20
Pyrene
Concen: 1.00 ng
RT: 19.44 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:202 Resp: 33209

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.3	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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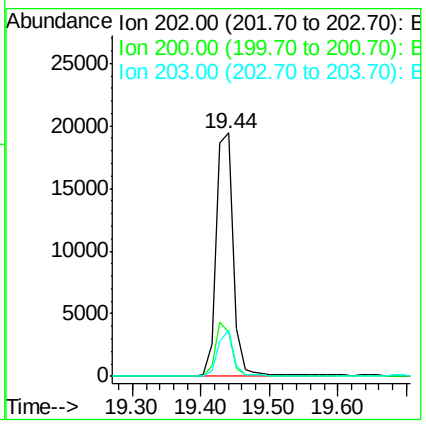
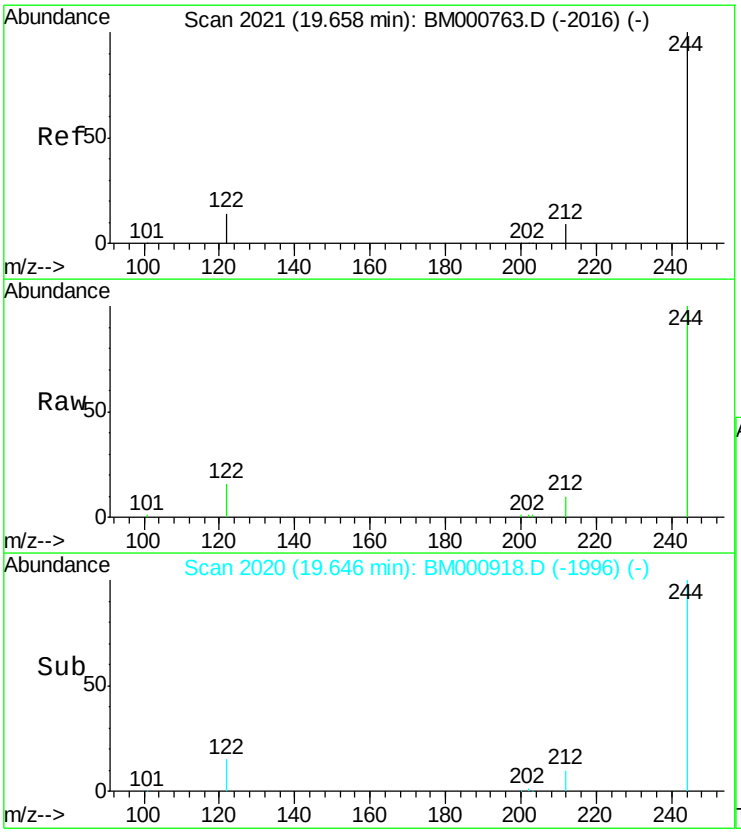
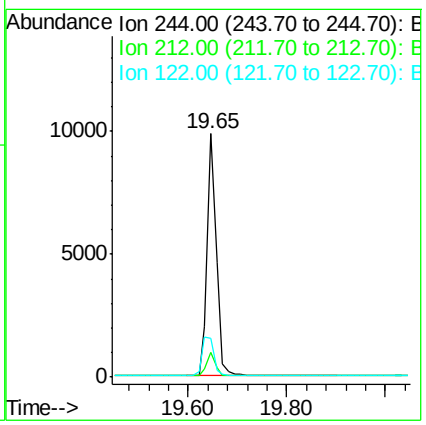


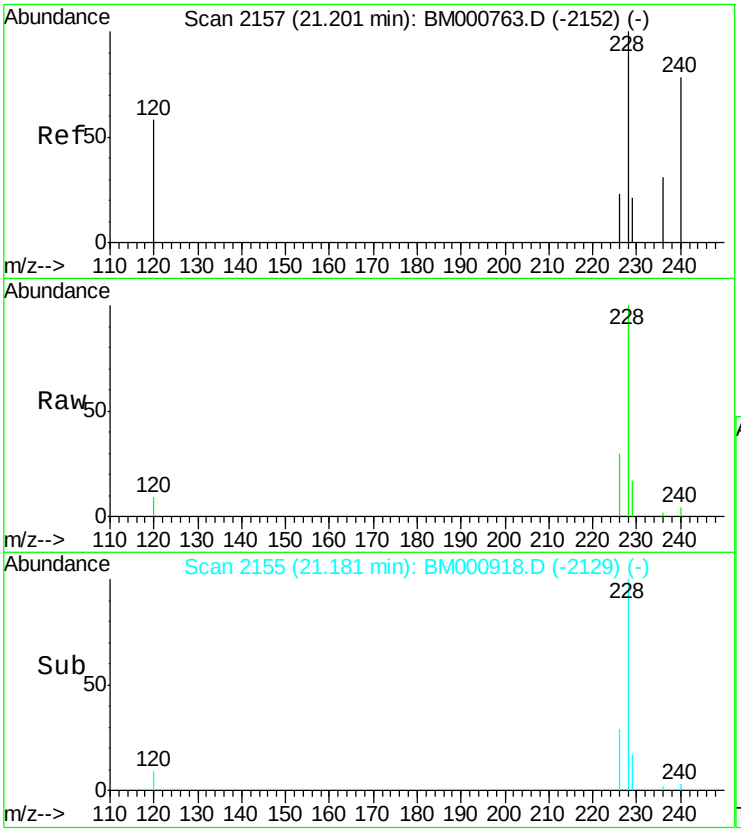


#21
Terphenyl-d14
Concen: 1.05 ng
RT: 19.65 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:244 Resp: 12785

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.8	11.6
122	15.7	11.8	17.8





#22
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.18 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:228 Resp: 29128

Ion	Ratio	Lower	Upper
228	100		
226	29.6	18.6	27.8#
229	17.1	17.2	25.8#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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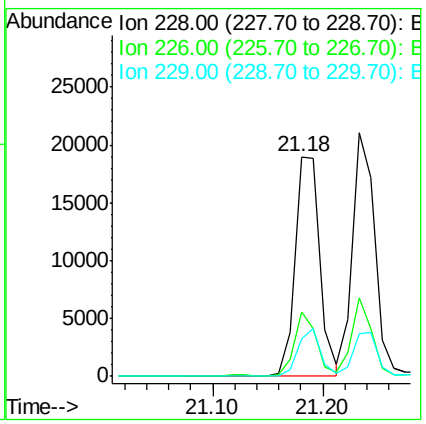
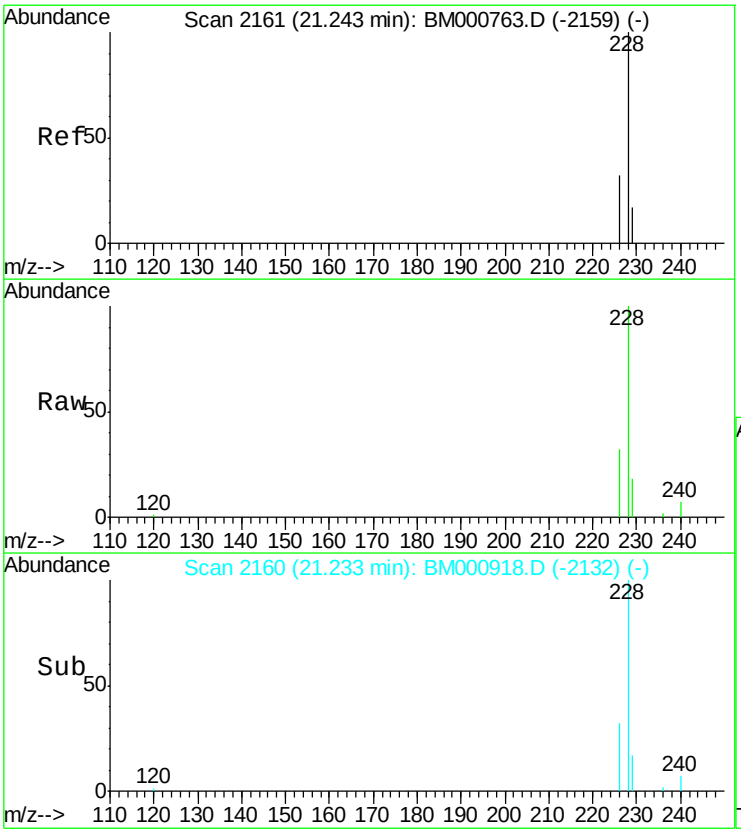
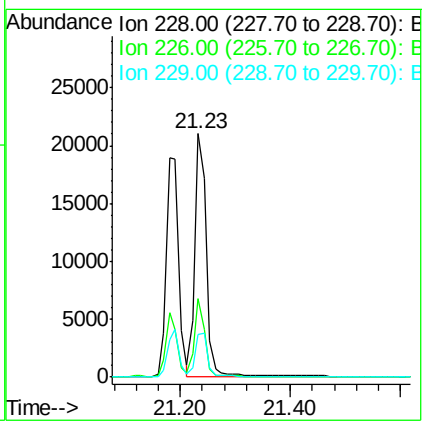


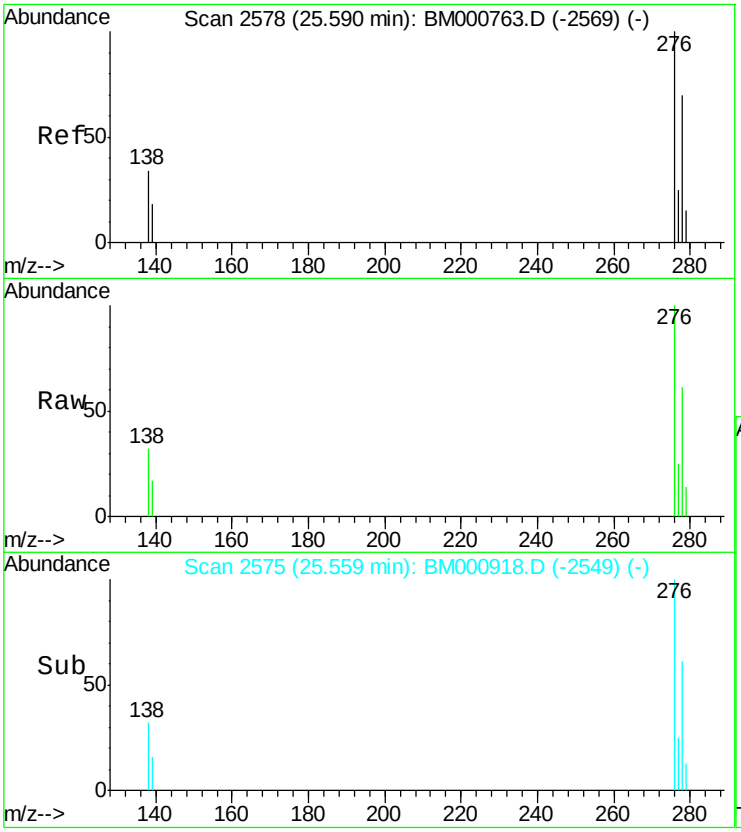


#23
Chrysene
Concen: 0.99 ng
RT: 21.23 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:228 Resp: 30110

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.8
229	17.5	13.8	20.6

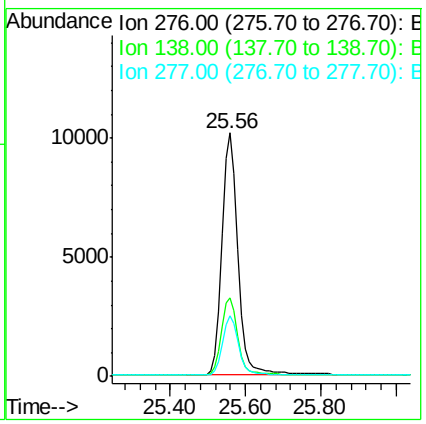




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.56 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:276 Resp: 30838

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.4	41.2
277	24.7	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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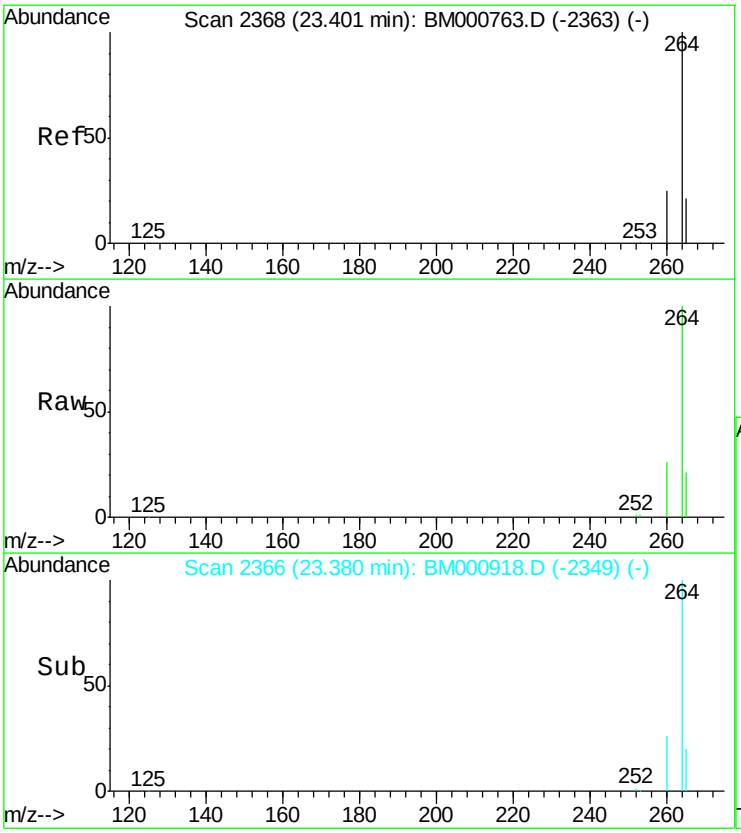
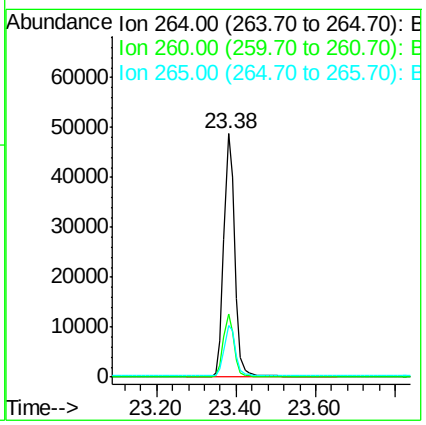
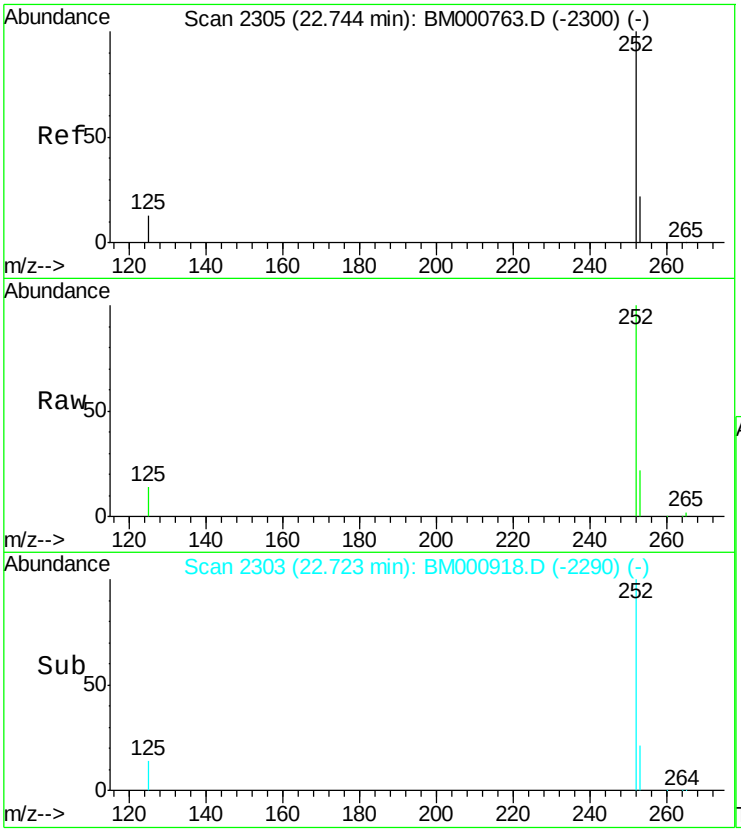


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 2366
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:264 Resp: 93319

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.0	17.4	26.0

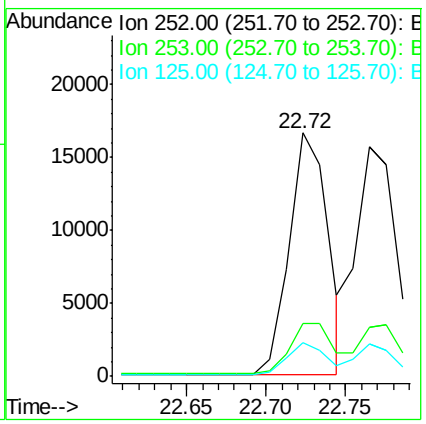




#26
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 22.72 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:252 Resp: 28009

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	14.1	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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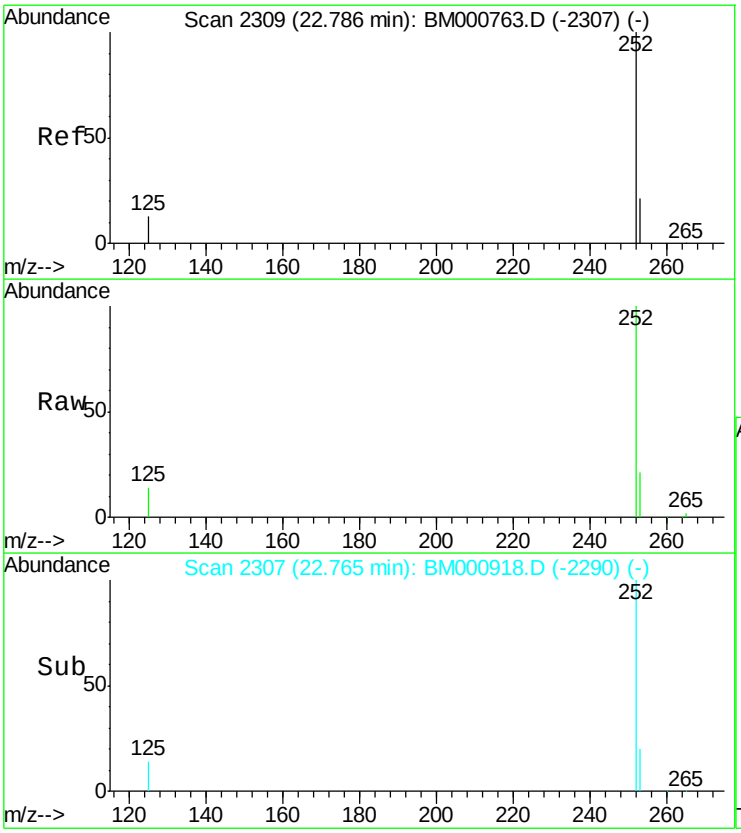
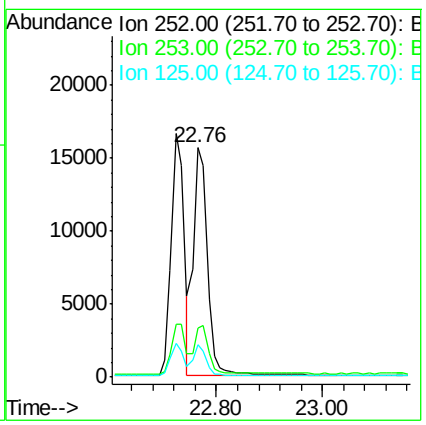
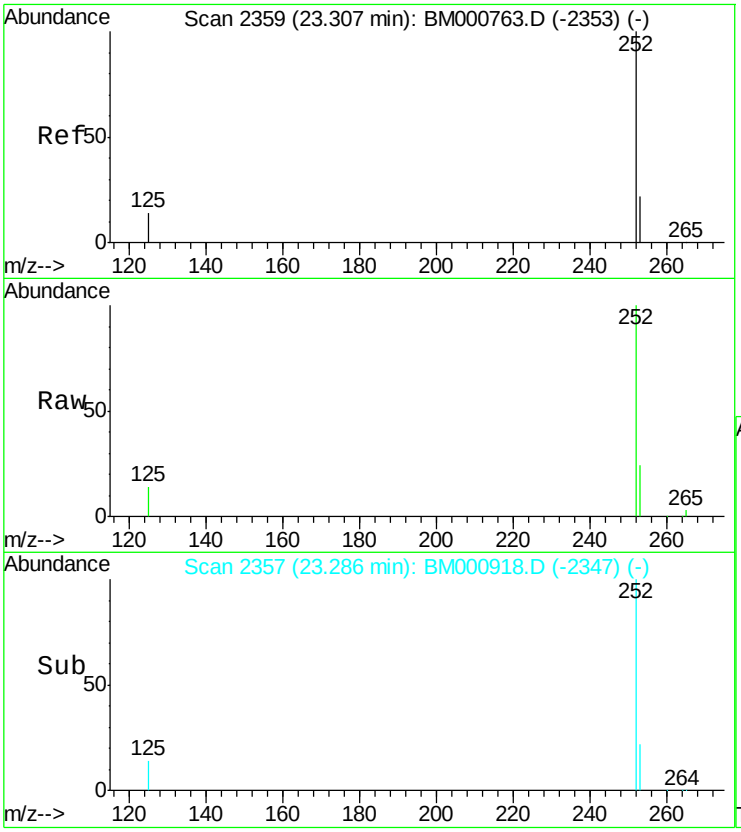


#27
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.76 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:252 Resp: 28893

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	14.2	10.8	16.2





#28
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.29 min Scan# 2357
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:252 Resp: 24998

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	14.2	11.5	17.3

Instrument :
BNA_M
ClientSampleId :
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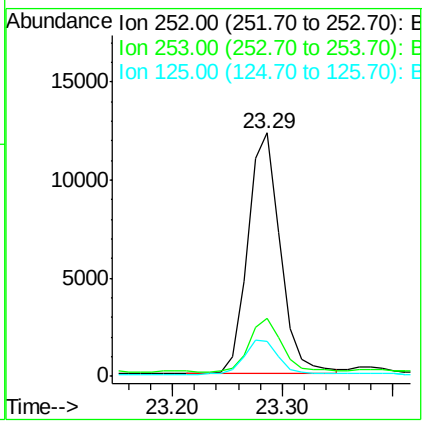
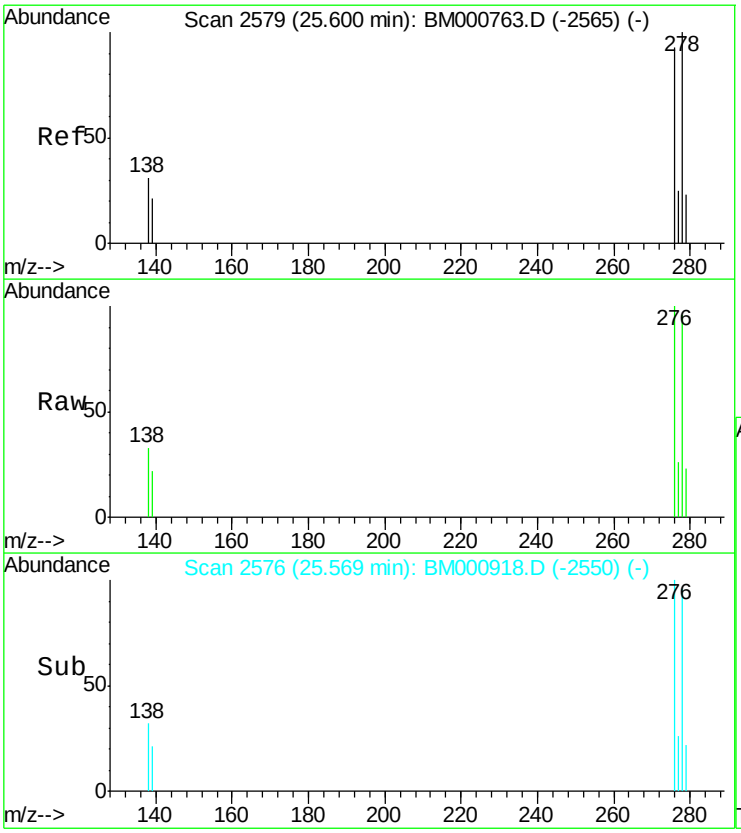
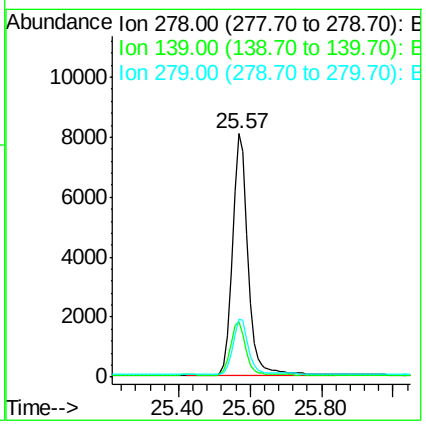


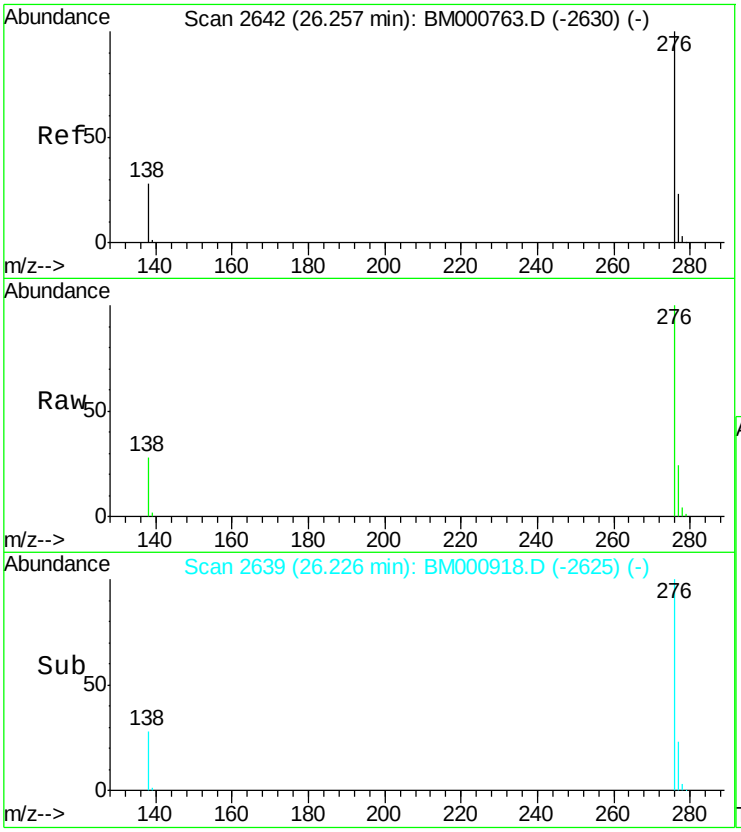


#29
Dibenzo(a,h)anthracene
Concen: 0.95 ng
RT: 25.57 min Scan# 2576
Delta R.T. -0.03 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:278 Resp: 23740

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.8	26.6
279	23.9	19.3	28.9

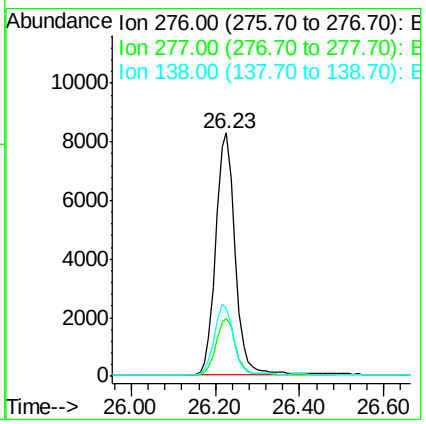




#30
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 26.23 min Scan# 2639
Delta R.T. -0.03 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:276 Resp: 26173

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	28.1	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

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