Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000790.D
Acq On : 01 Apr 2015 17:54
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
apatel
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Quant Time: Apr 02 01:57:22 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	7.62	152	30436	5.00	ng		0.00
4) Naphthalene-d8	10.40	136	104418	5.00	ng		0.00
8) Acenaphthene-d10	14.28	164	50903	5.00	ng		0.00
13) Phenanthrene-d10	17.01	188	113459	5.00	ng		0.00
19) Chrysene-d12	21.21	240	98646	5.00	ng		0.00
25) Perylene-d12	23.40	264	90944	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.77	82	5241	0.99	ng		0.00
9) 2-Fluorobiphenyl	12.89	172	16309	1.03	ng		0.00
21) Terphenyl-d14	19.66	244	12095	1.02	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.45	42	2837	0.96	ng		99
6) Naphthalene	10.45	128	24897	1.03	ng		99
7) 2-Methylnaphthalene	12.07	142	15713	1.02	ng		97
10) Acenaphthylene	13.98	152	23013	1.02	ng		100
11) Acenaphthene	14.33	154	15906	1.02	ng		99
12) Fluorene	15.32	166	18412	1.05	ng		100
14) Hexachlorobenzene	16.33	284	6511	0.98	ng	#	99
15) Pentachlorophenol	16.68	266	752	0.79	ng		98
16) Phenanthrene	17.05	178	31221	1.00	ng		99
17) Anthracene	17.15	178	25348m	0.97	ng		
18) Fluoranthene	19.08	202	30722	1.00	ng		100
20) Pyrene	19.44	202	32206	1.00	ng		100
22) Benzo(a)anthracene	21.19	228	28085	1.00	ng	#	91
23) Chrysene	21.24	228	29929	1.01	ng		98
24) Indeno(1,2,3-cd)pyrene	25.58	276	31144	1.02	ng		100
26) Benzo(b)fluoranthene	22.73	252	30564	1.07	ng		96
27) Benzo(k)fluoranthene	22.79	252	25920	0.94	ng		98
28) Benzo(a)pyrene	23.30	252	24972	1.02	ng		98
29) Dibenzo(a,h)anthracene	25.59	278	24318	1.00	ng		98
30) Benzo(g,h,i)perylene	26.25	276	26262	1.00	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000790.D
Acq On : 01 Apr 2015 17:54
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 01:57:22 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 :
SSTDCCC001

Manual Integrations APPROVED
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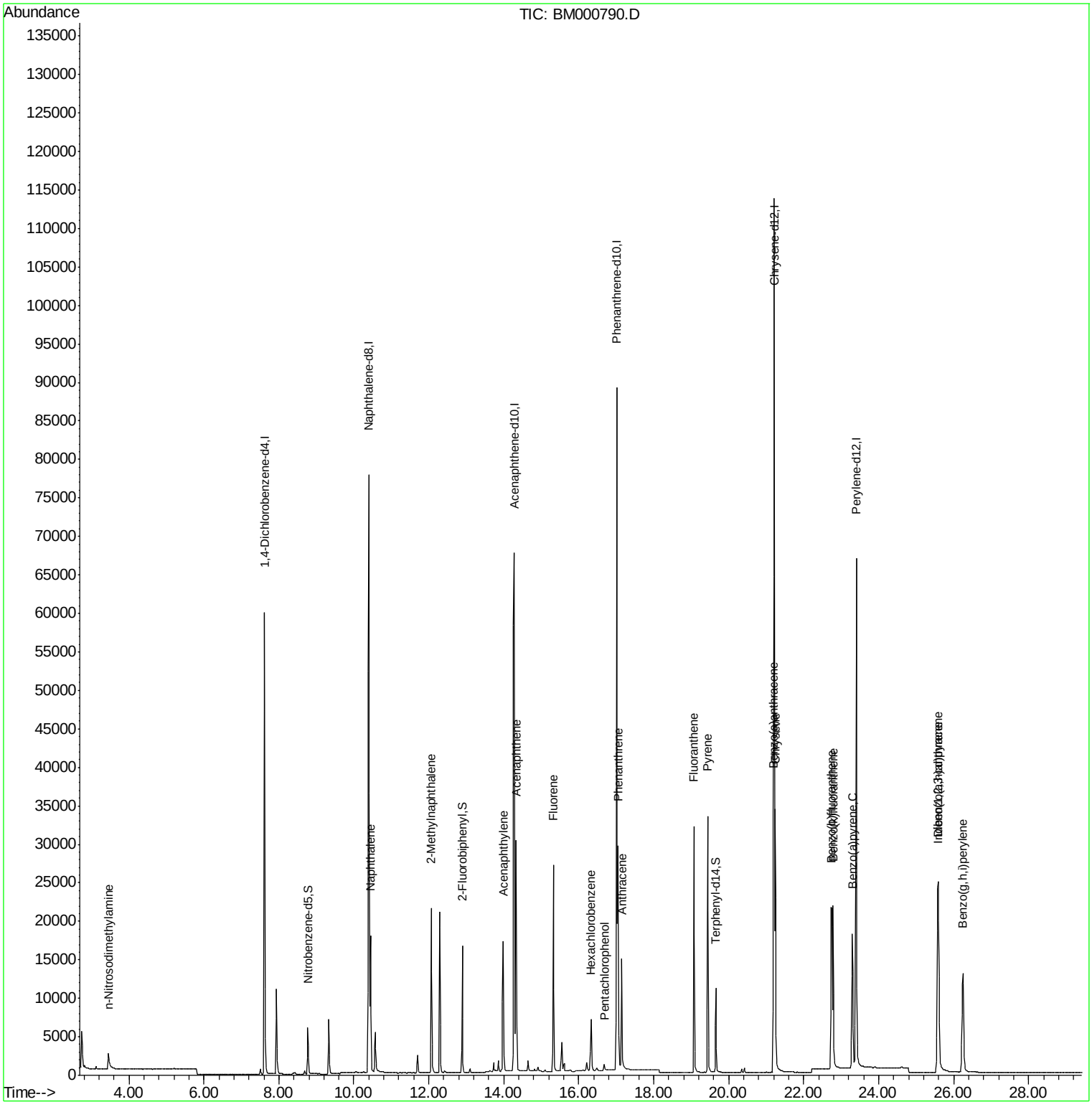
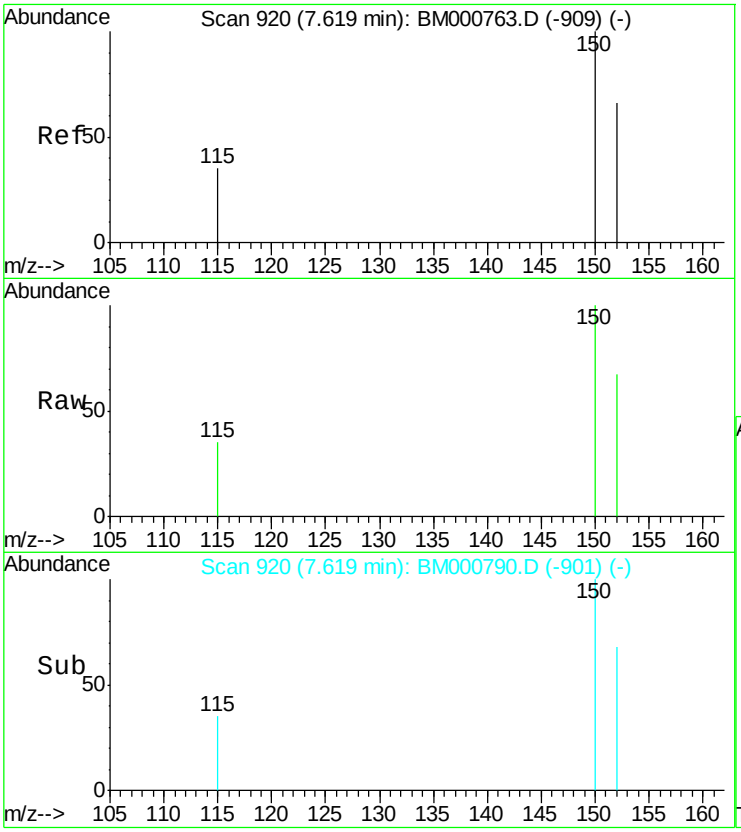
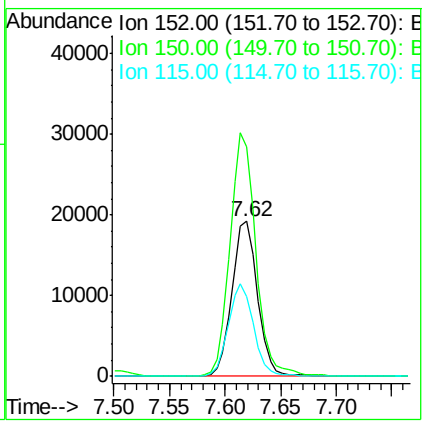




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:152 Resp: 30436

Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.8	181.2
115	51.9	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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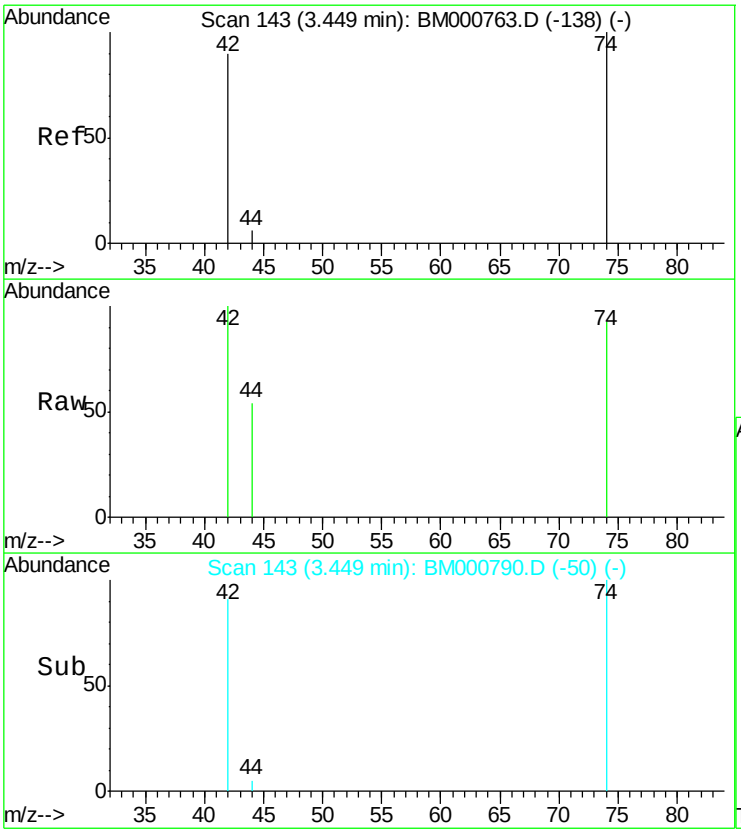
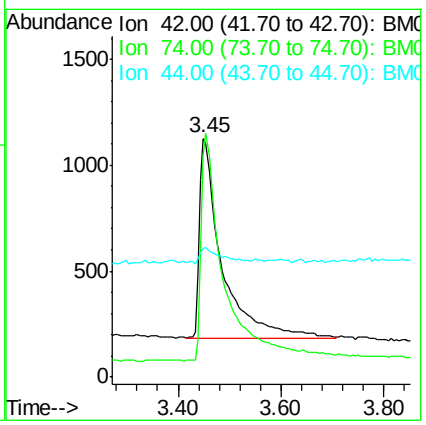
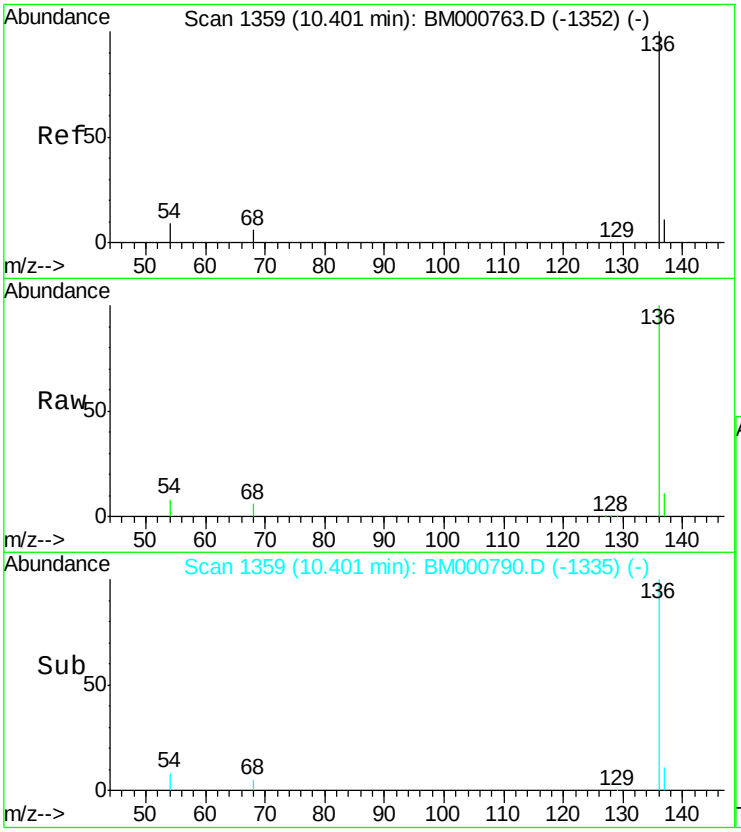


#3
n-Nitrosodimethylamine
Concen: 0.96 ng
RT: 3.45 min Scan# 143
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion: 42 Resp: 2837

Ion	Ratio	Lower	Upper
42	100		
74	118.4	93.6	140.4
44	7.4	6.3	9.5

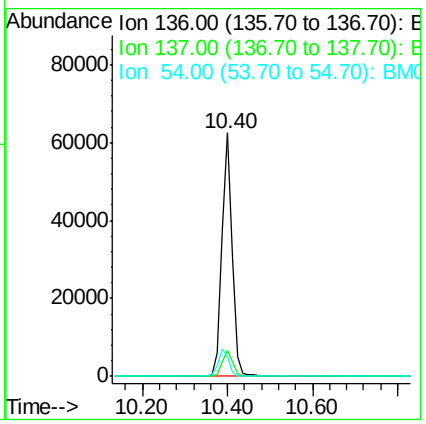




#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.40 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:136 Resp: 104418

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.0	7.0	10.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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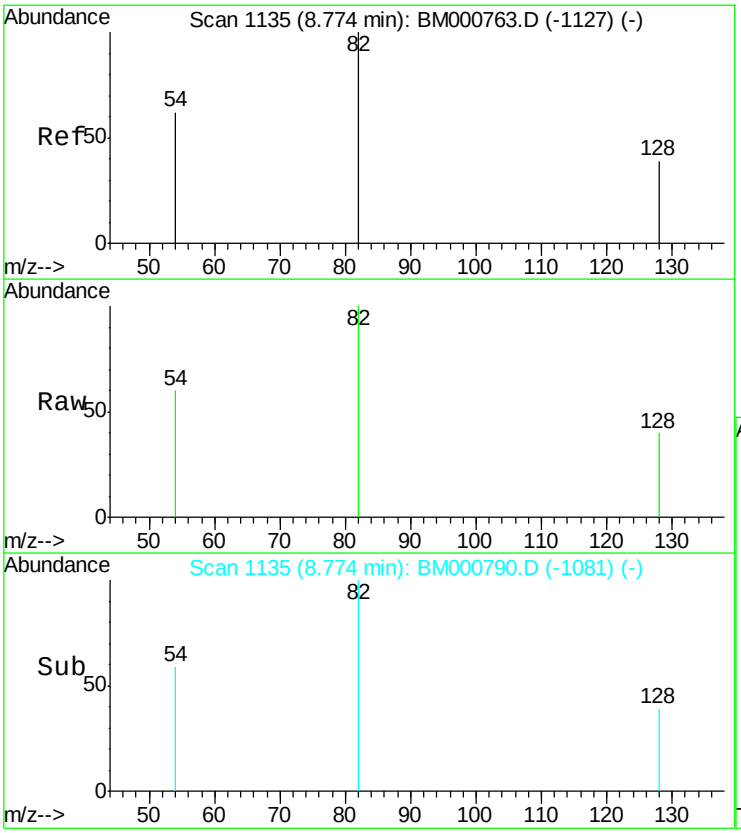
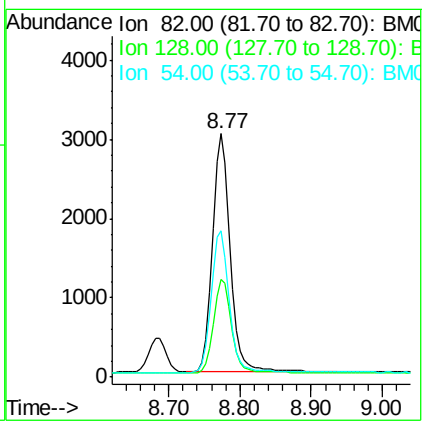
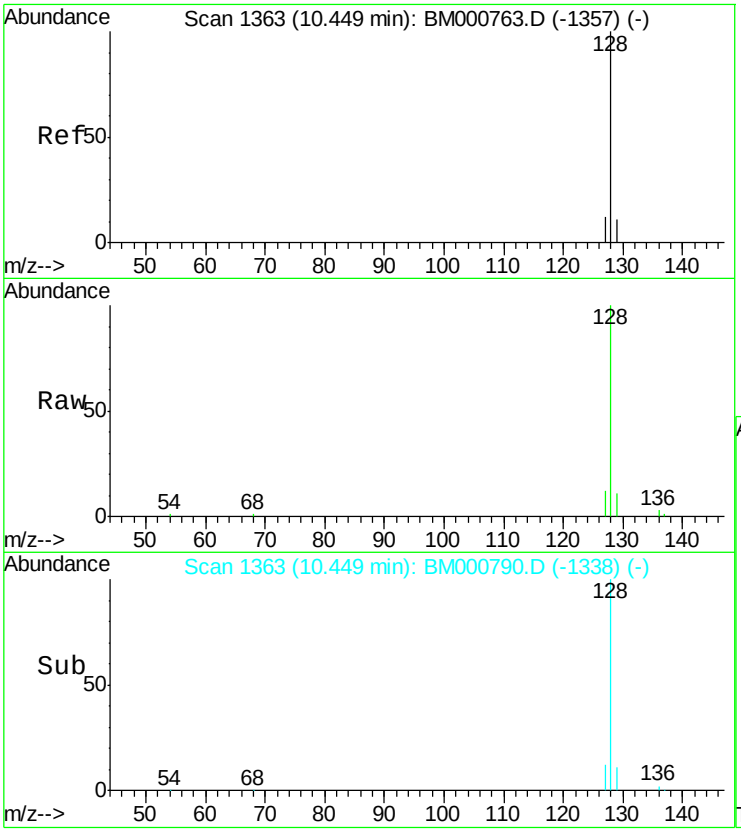


#5
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.77 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion: 82 Resp: 5241

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.2
54	59.9	50.2	75.4

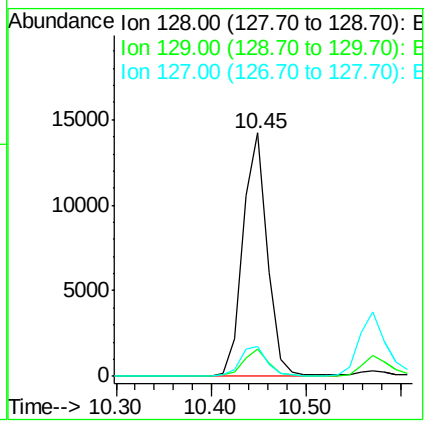




#6
Naphthalene
Concen: 1.03 ng
RT: 10.45 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:128 Resp: 24897

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	12.2	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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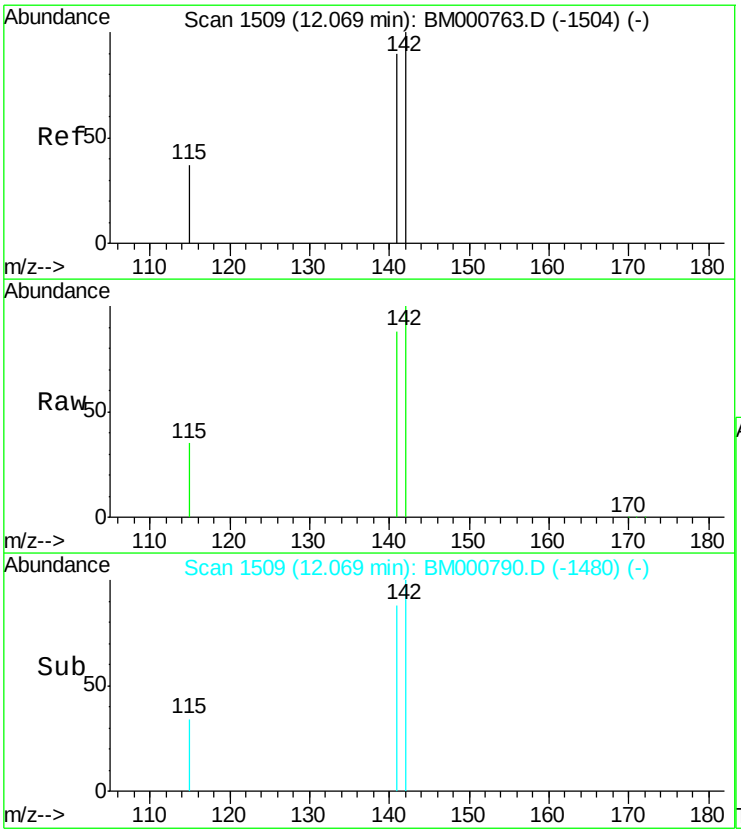
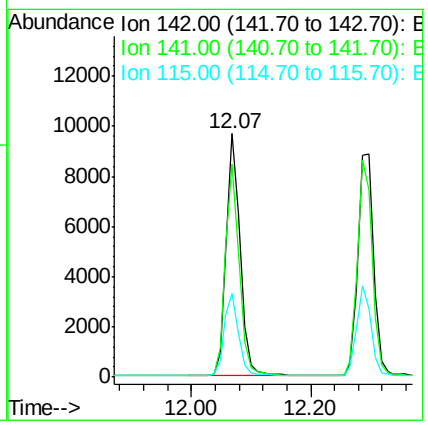
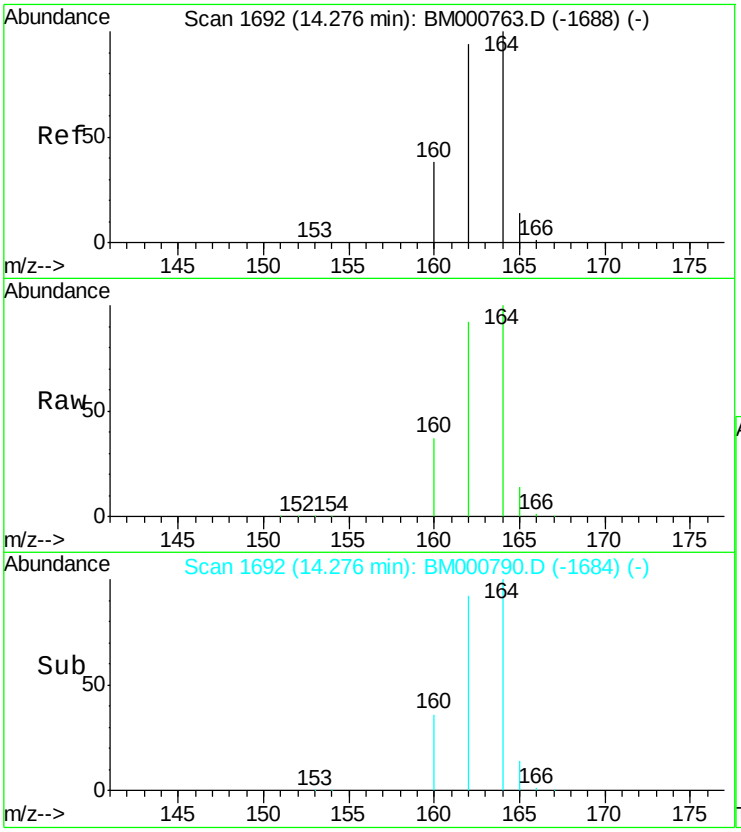


#7
2-Methylnaphthalene
Concen: 1.02 ng
RT: 12.07 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:142 Resp: 15713

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.3	108.5
115	34.5	29.5	44.3

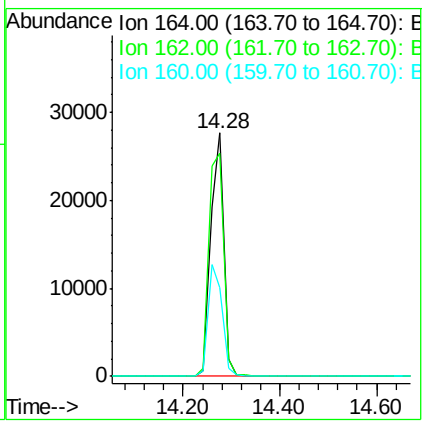




#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:164 Resp: 50903

Ion	Ratio	Lower	Upper
164	100		
162	91.8	75.4	113.2
160	36.5	30.8	46.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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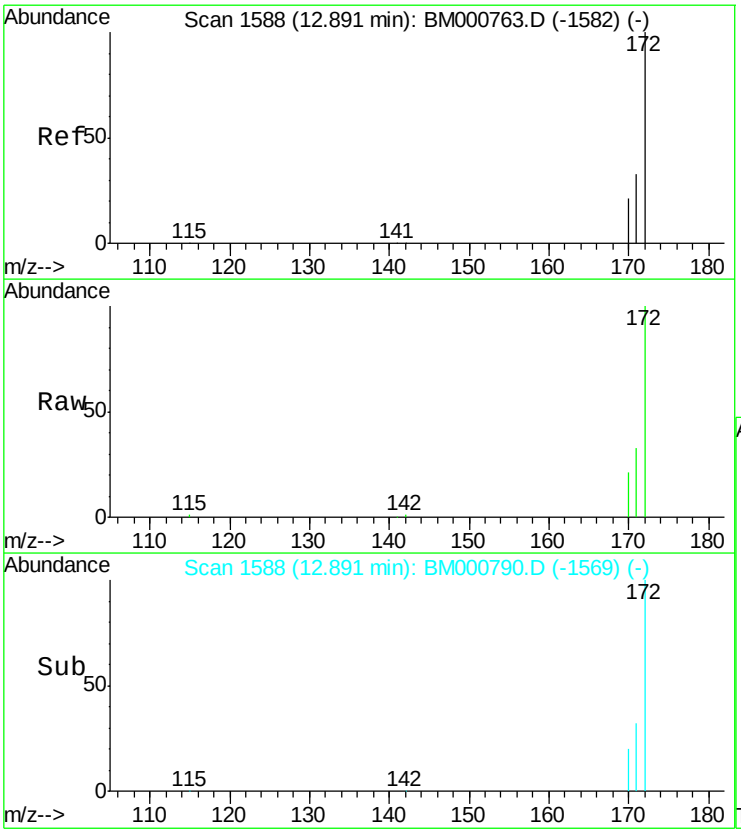
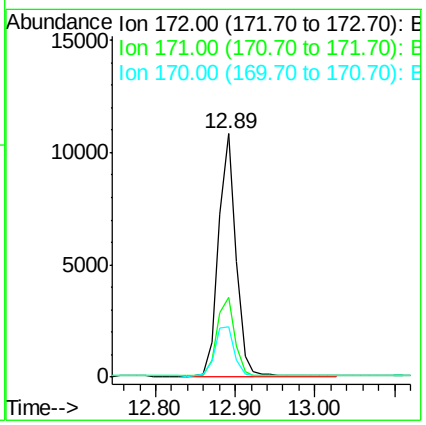
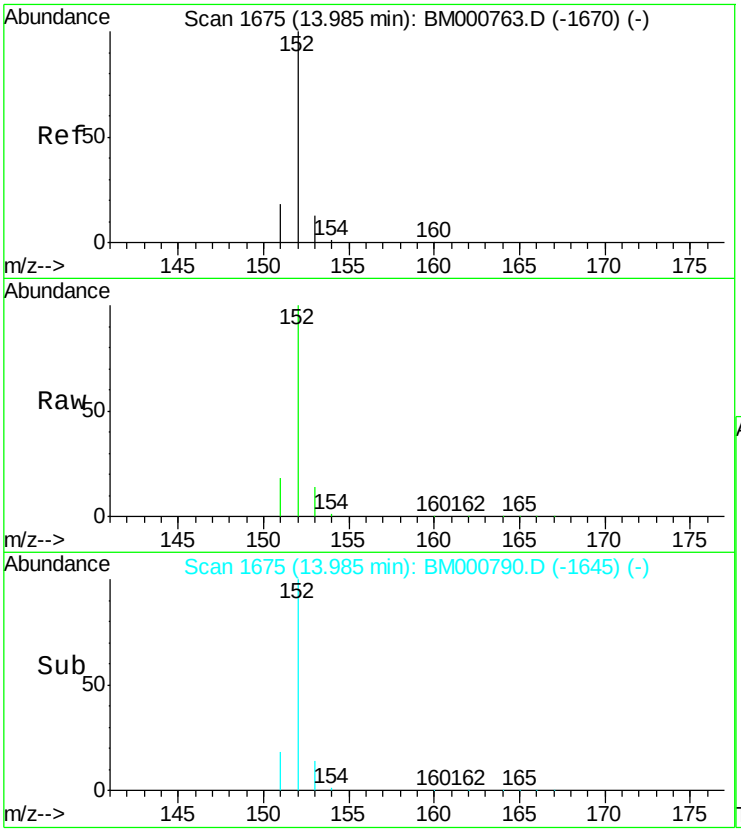


#9
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.89 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:172 Resp: 16309

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.6	39.8
170	20.6	17.1	25.7





#10
Acenaphthylene
Concen: 1.02 ng
RT: 13.98 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:152 Resp: 23013

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7
153	12.9	10.2	15.4

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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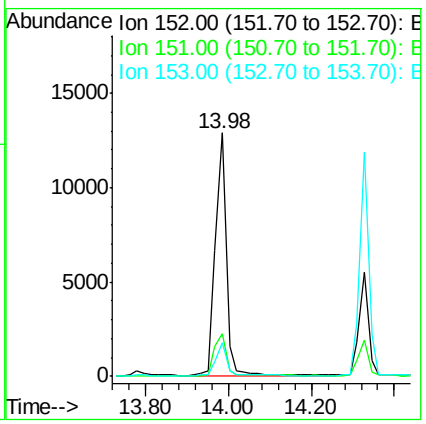
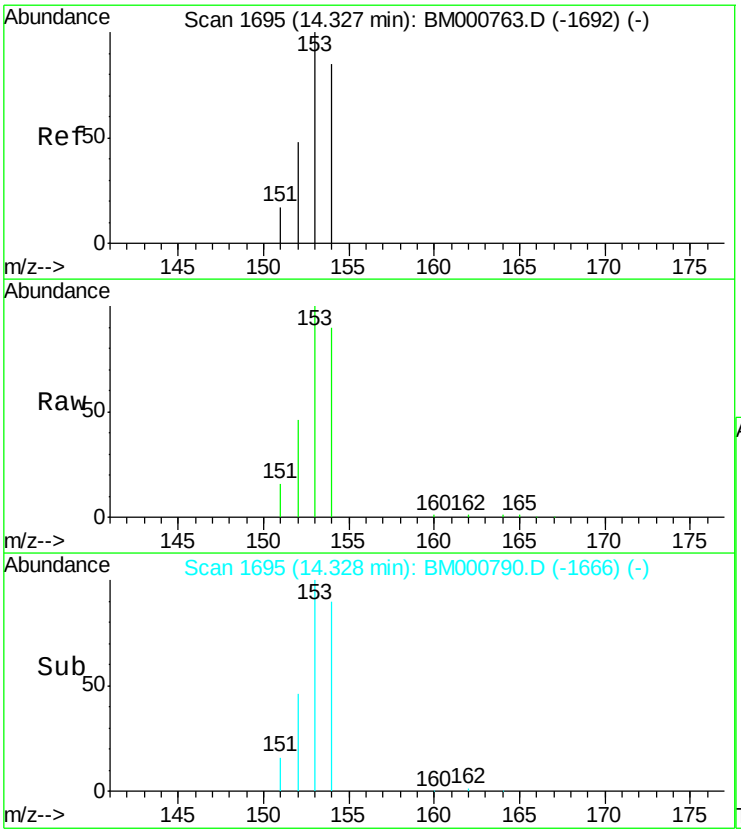
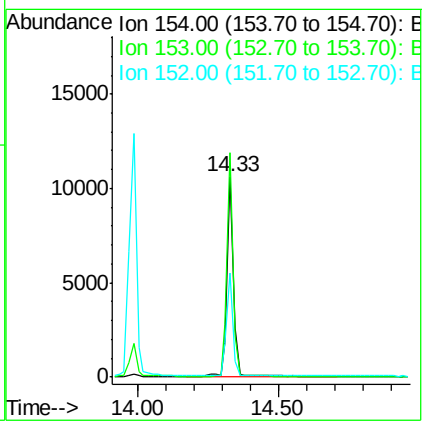


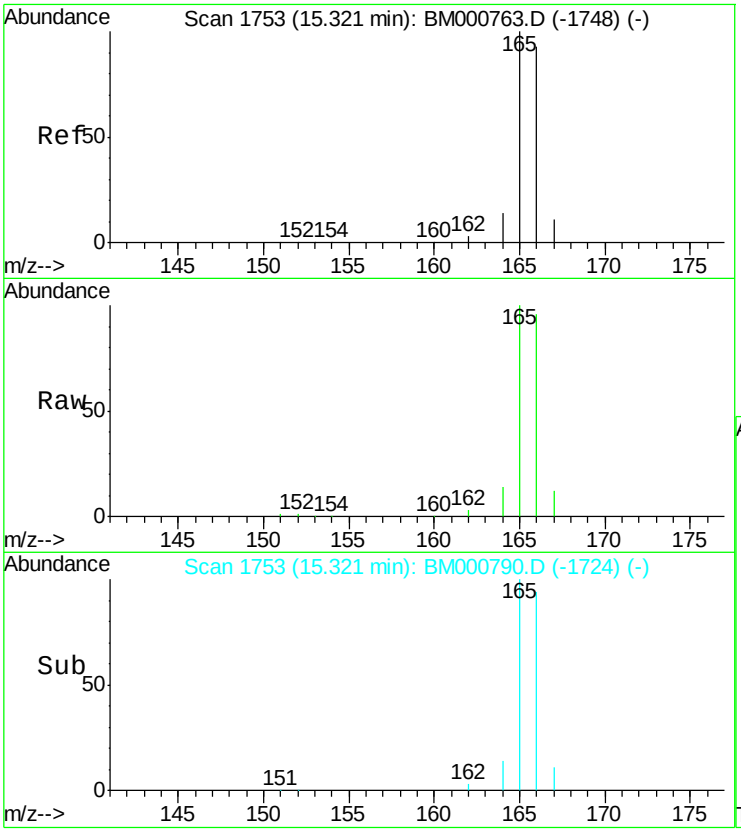


#11
Acenaphthene
Concen: 1.02 ng
RT: 14.33 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:154 Resp: 15906

Ion	Ratio	Lower	Upper
154	100		
153	109.2	87.3	130.9
152	52.6	43.0	64.6

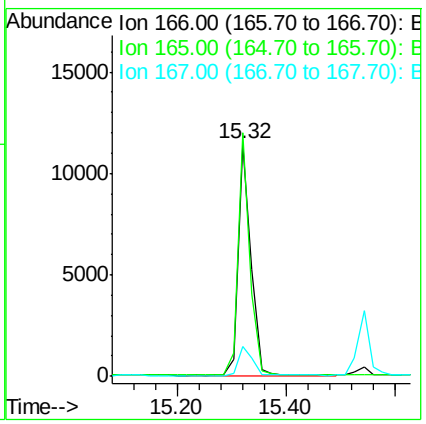




#12
Fluorene
Concen: 1.05 ng
RT: 15.32 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:166 Resp: 18412

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	13.5	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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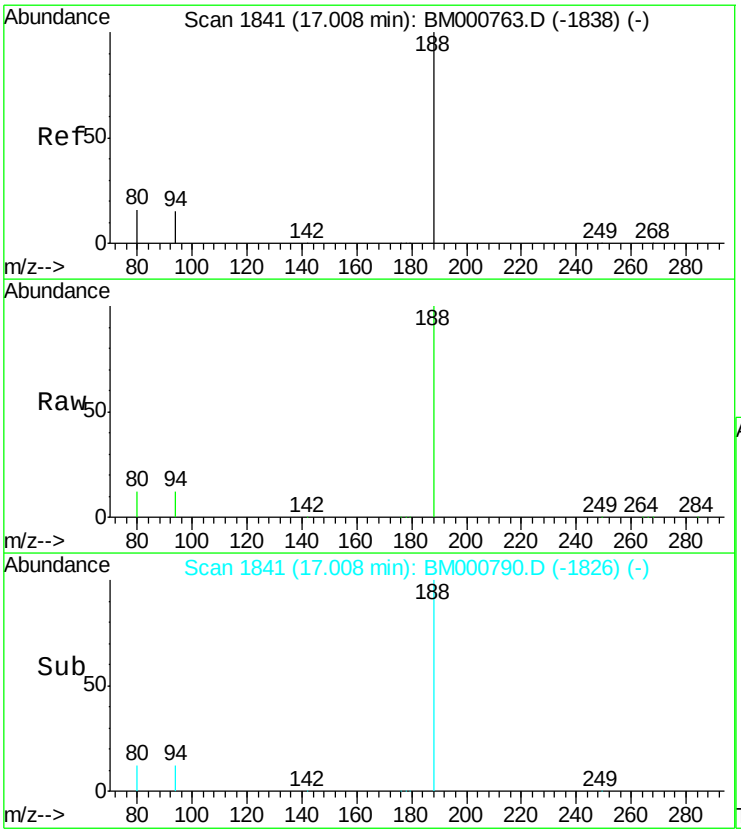
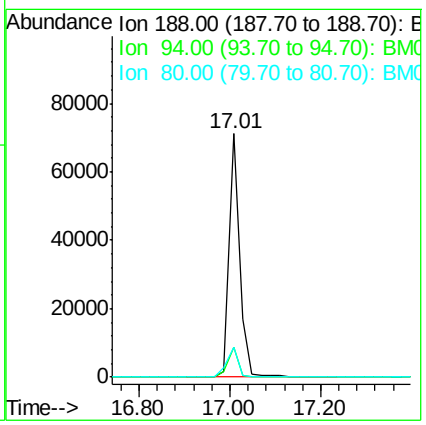
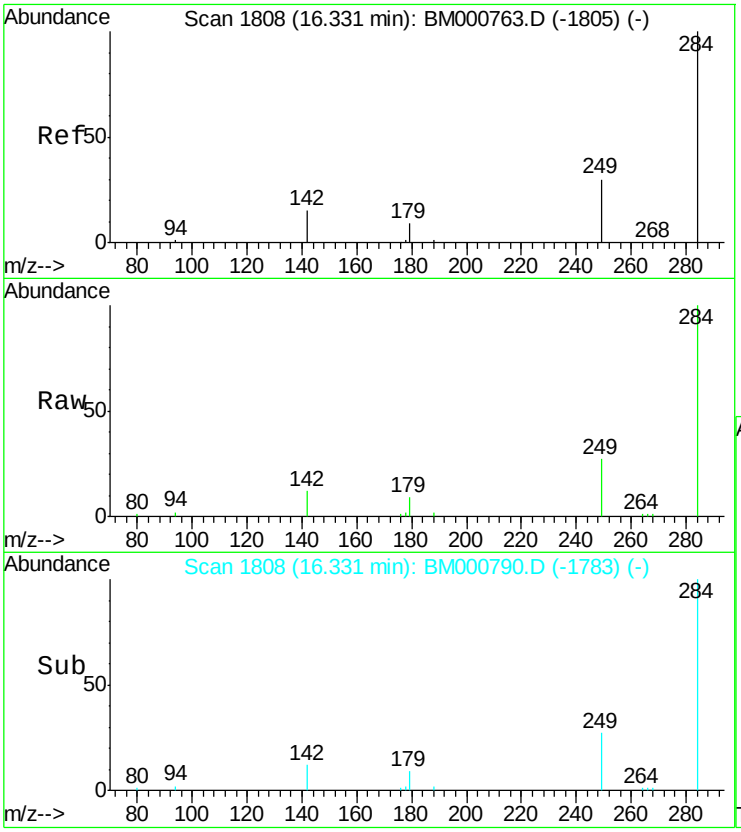


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:188 Resp: 113459

Ion	Ratio	Lower	Upper
188	100		
94	12.1	12.0	18.0
80	12.4	12.8	19.2#

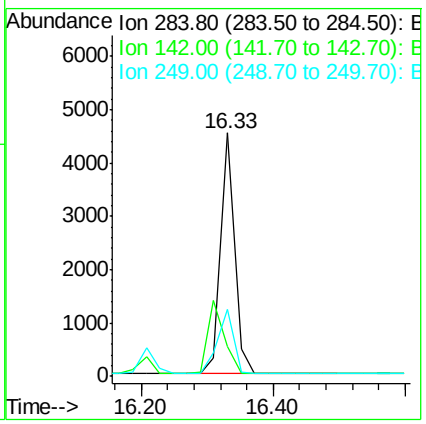




#14
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.33 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:284 Resp: 6511

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	30.9	25.2	37.8



Instrument :
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ClientSampleId :
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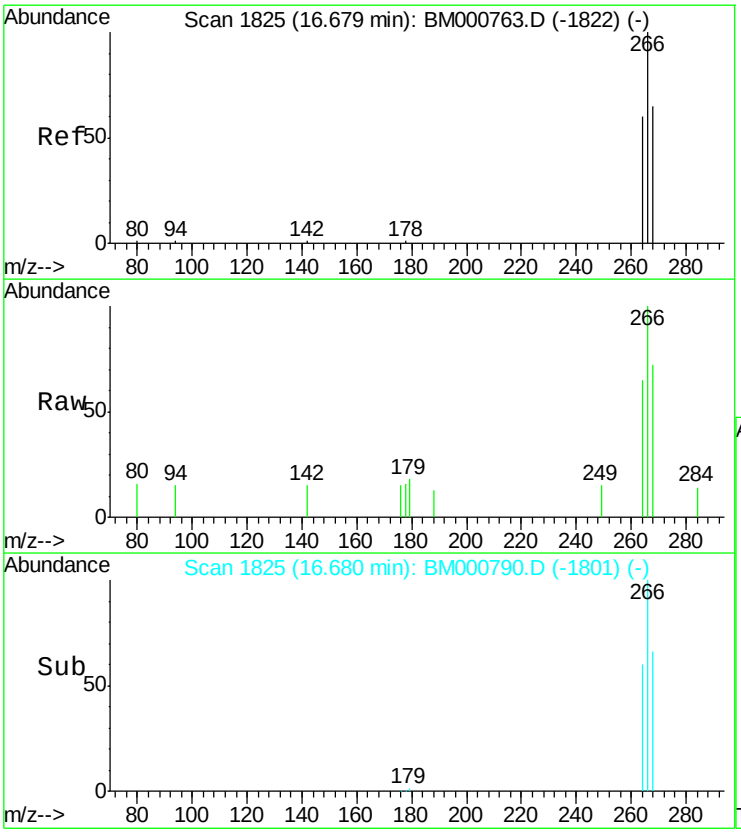
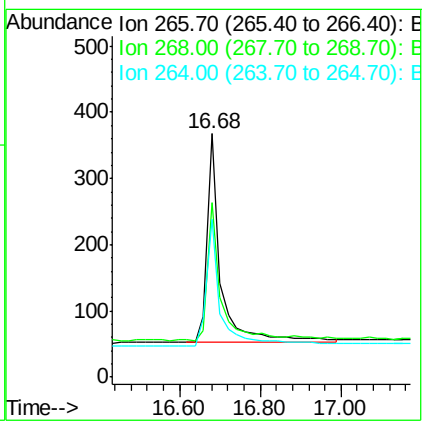
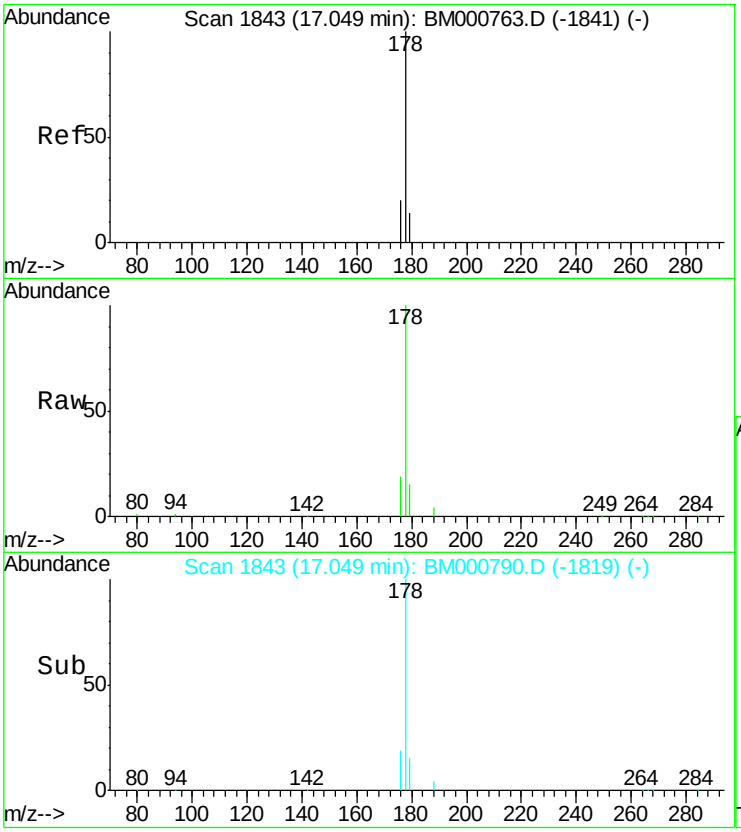


#15
Pentachlorophenol
Concen: 0.79 ng
RT: 16.68 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:266 Resp: 752

Ion	Ratio	Lower	Upper
266	100		
268	71.7	55.0	82.6
264	64.7	51.0	76.4

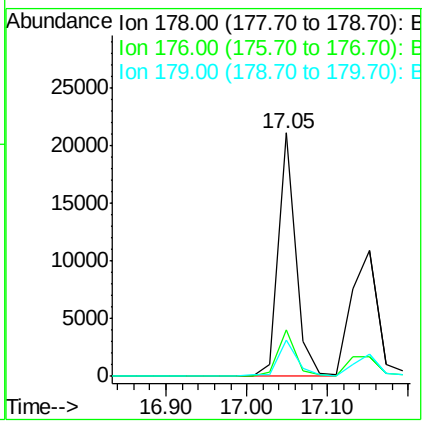




#16
Phenanthrene
Concen: 1.00 ng
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:178 Resp: 31221

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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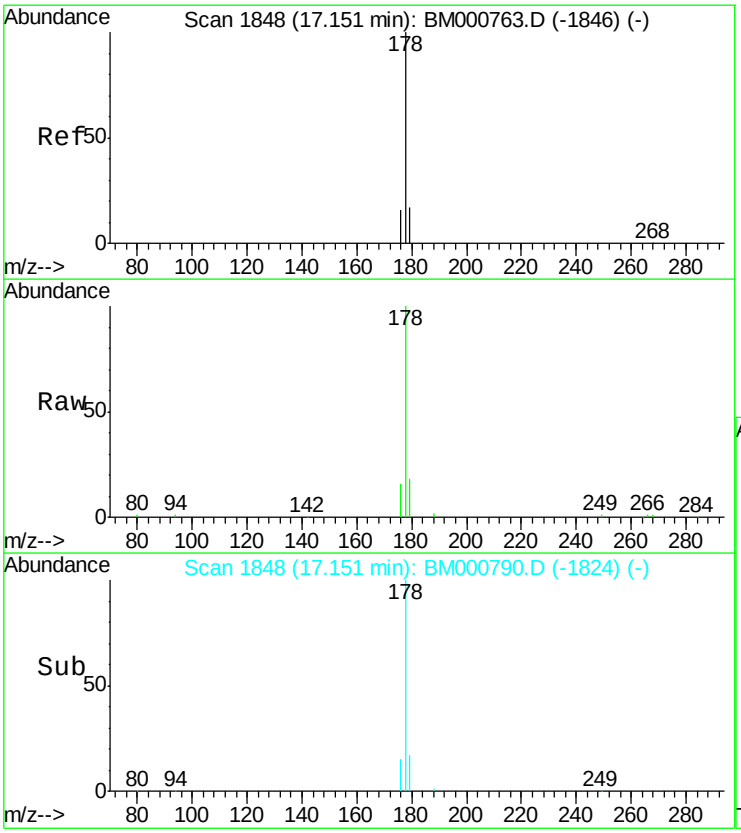
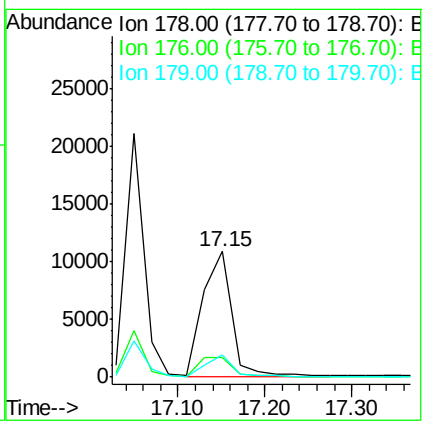
4/2/2015 5:38:32 PM

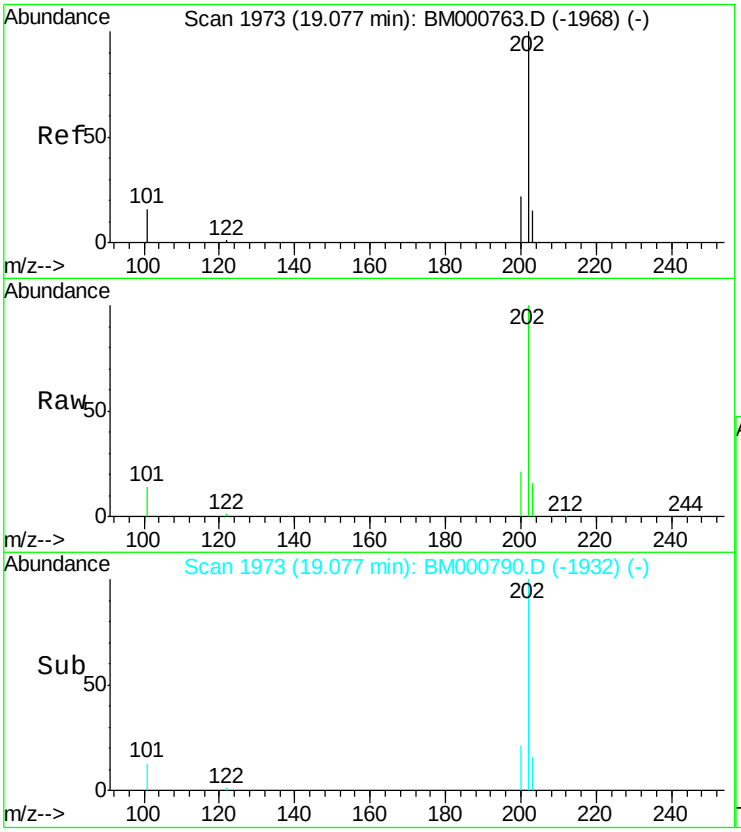


#17
Anthracene
Concen: 0.97 ng m
RT: 17.15 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:178 Resp: 25348

Ion	Ratio	Lower	Upper
178	100		
176	23.0	14.6	22.0#
179	19.0	12.2	18.4#

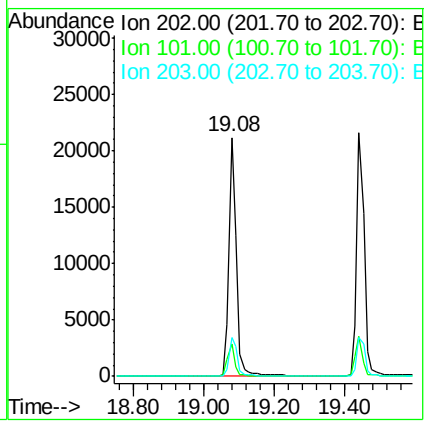




#18
Fluoranthene
Concen: 1.00 ng
RT: 19.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:202 Resp: 30722

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
203	17.2	13.8	20.8



Instrument :
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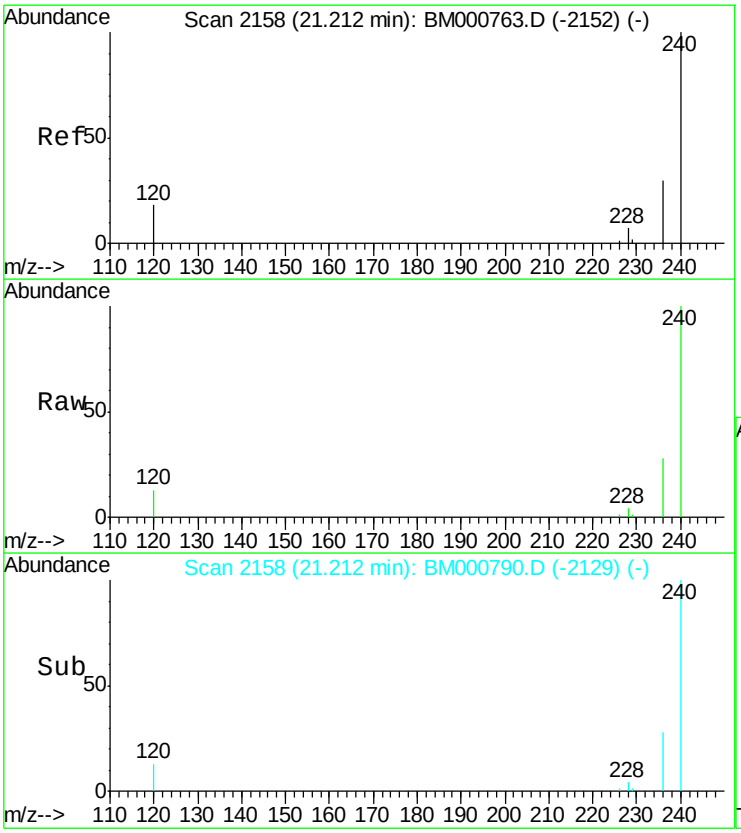
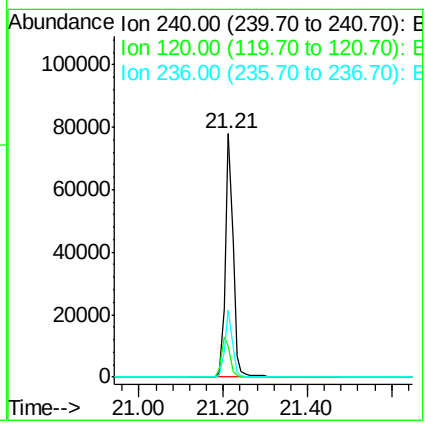
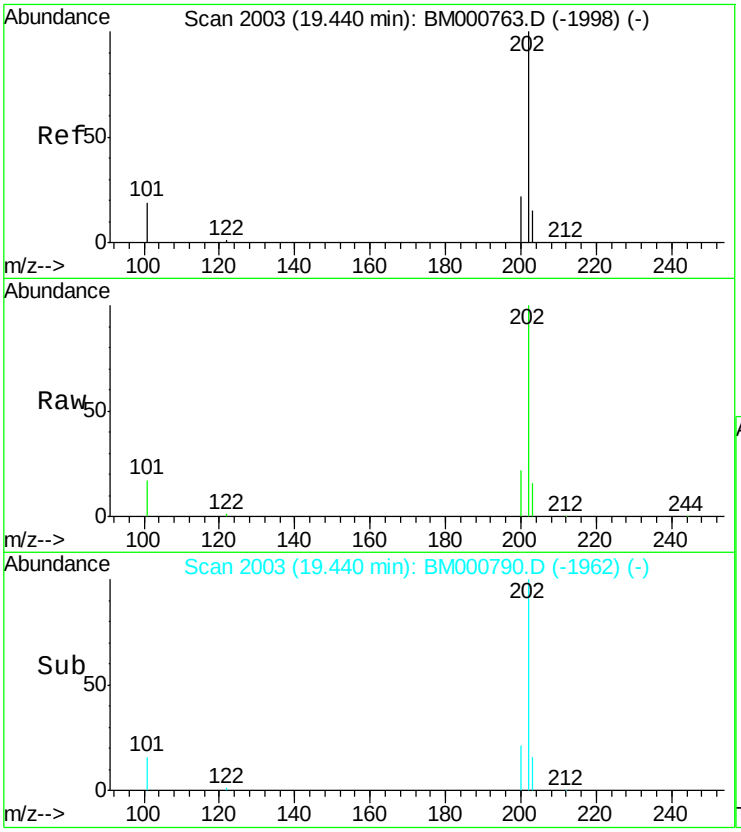


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:240 Resp: 98646

Ion	Ratio	Lower	Upper
240	100		
120	13.0	14.9	22.3#
236	27.6	24.2	36.4





#20
Pyrene
Concen: 1.00 ng
RT: 19.44 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:202 Resp: 32206

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.3	13.9	20.9

Instrument :
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ClientSampleId :
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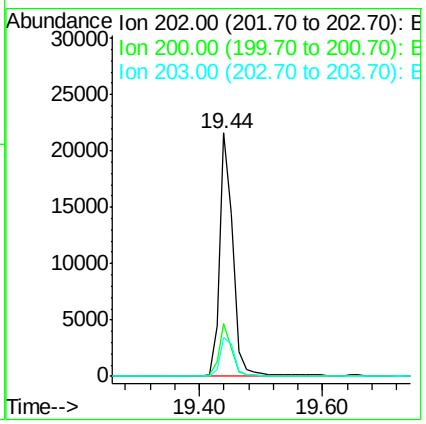
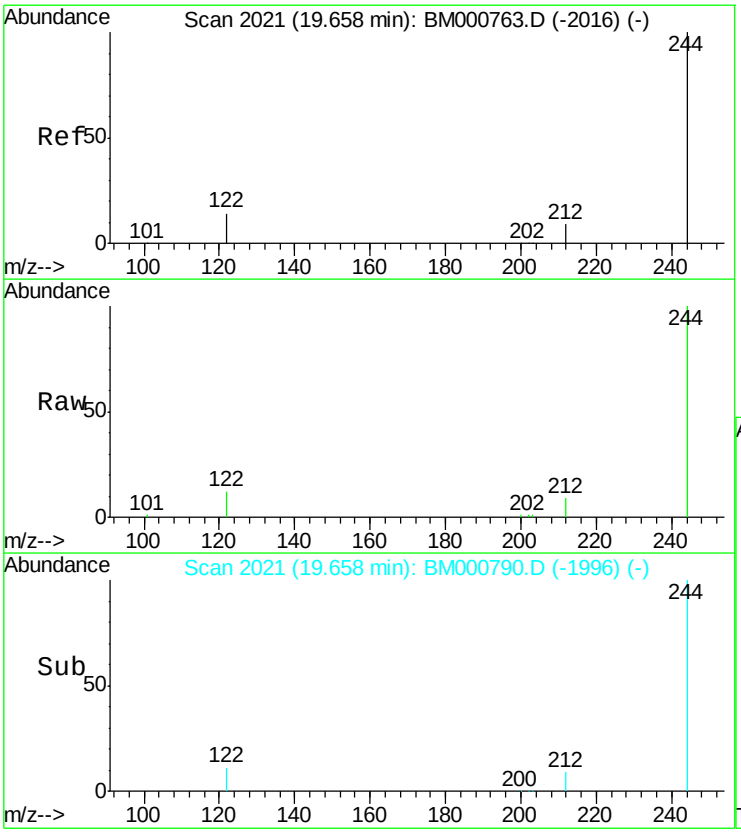
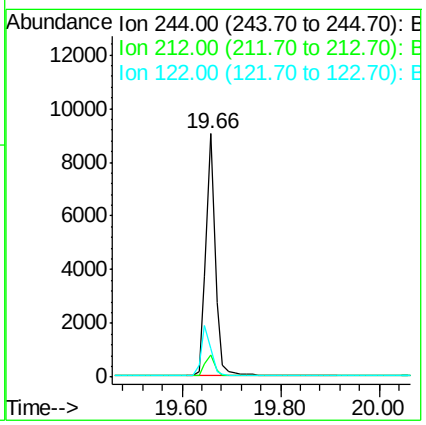


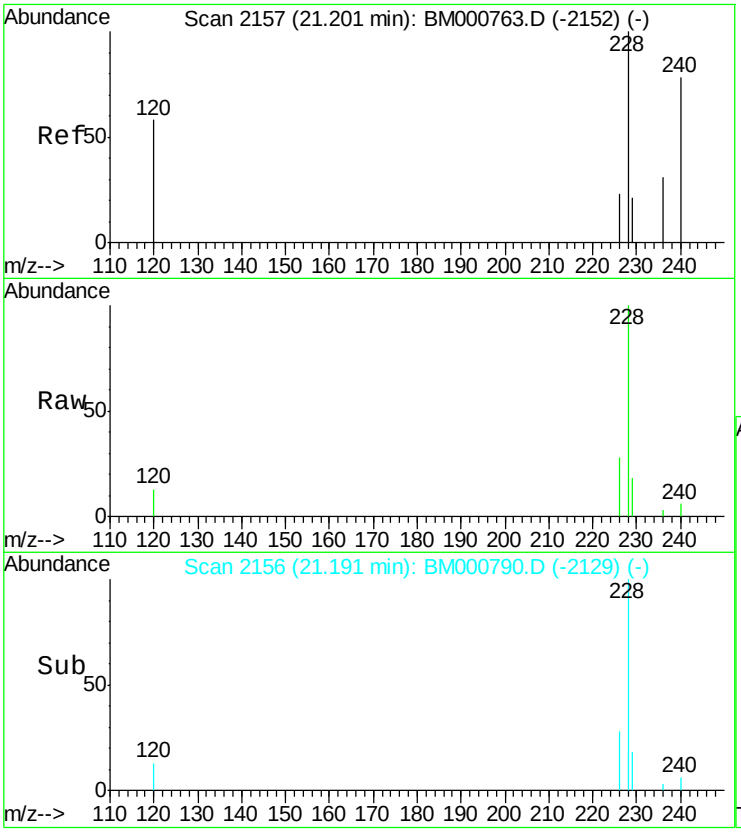


#21
Terphenyl-d14
Concen: 1.02 ng
RT: 19.66 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:244 Resp: 12095

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	12.0	11.8	17.8

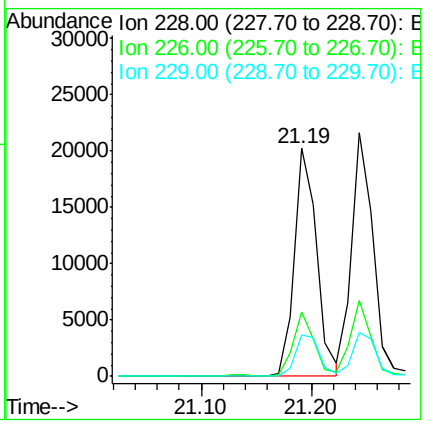




#22
Benzo(a)anthracene
Concen: 1.00 ng
RT: 21.19 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:228 Resp: 28085

Ion	Ratio	Lower	Upper
228	100		
226	28.4	18.6	27.8#
229	18.0	17.2	25.8



Instrument :
BNA_M
ClientSampleId :
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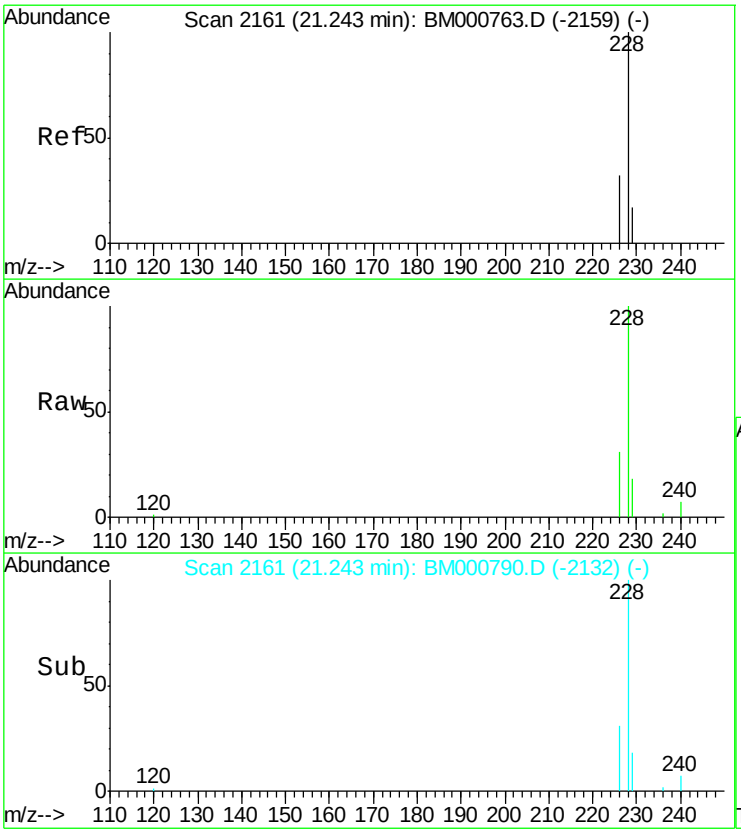
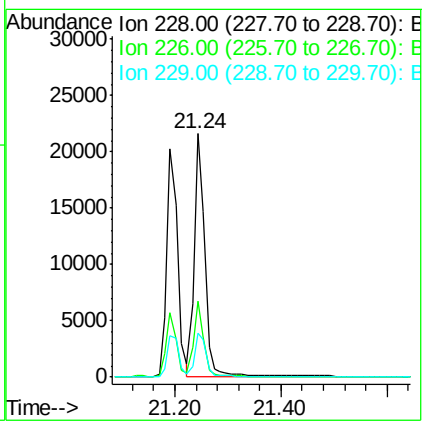
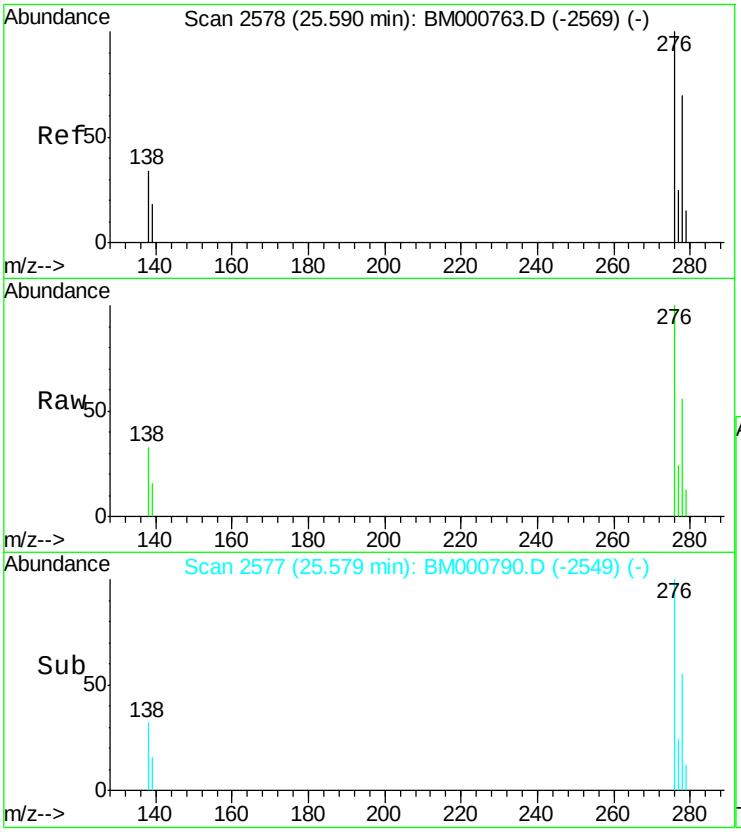


#23
Chrysene
Concen: 1.01 ng
RT: 21.24 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:228 Resp: 29929

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.8
229	18.3	13.8	20.6

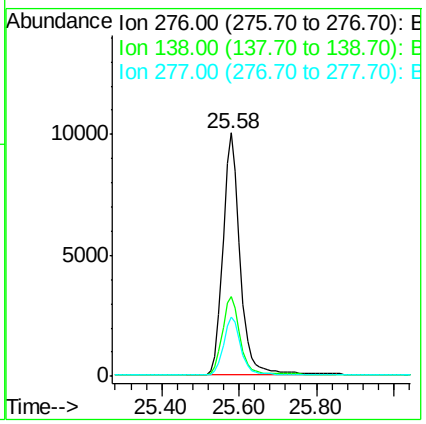




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng
RT: 25.58 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:276 Resp: 31144

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.2
277	24.6	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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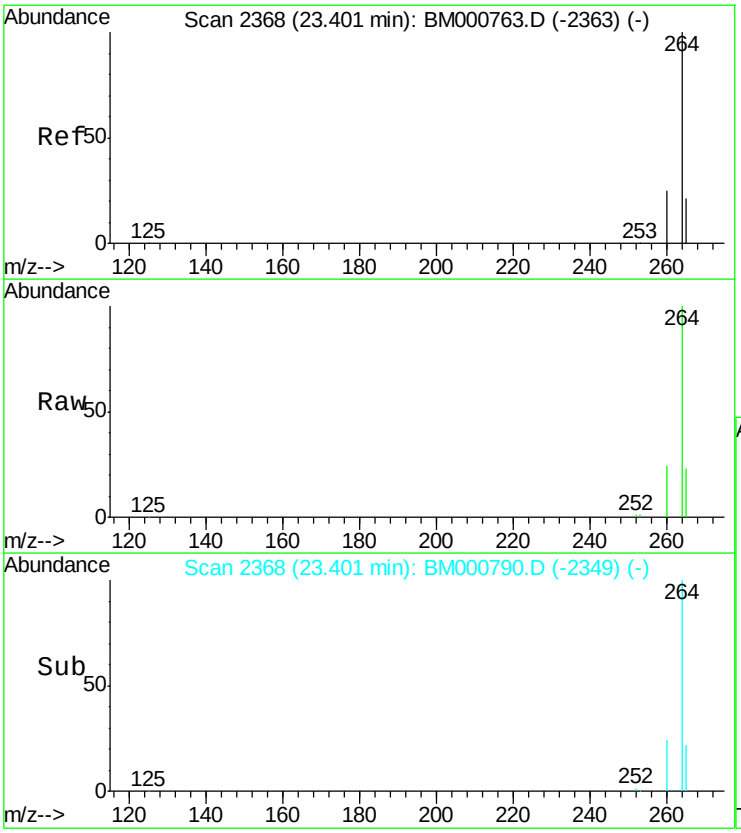
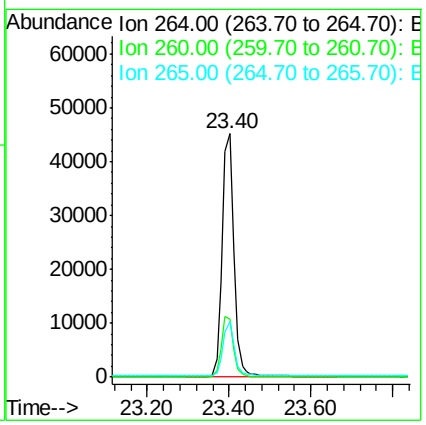
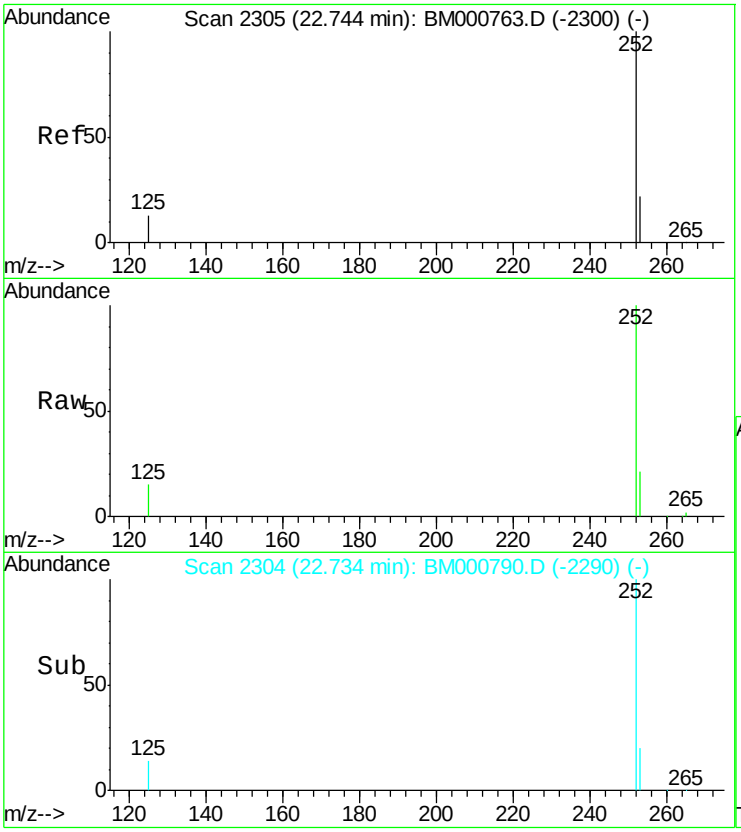


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:264 Resp: 90944

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.5	17.4	26.0





#26
Benzo(b)fluoranthene
Concen: 1.07 ng
RT: 22.73 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:252 Resp: 30564

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.5	27.7
125	14.9	10.6	16.0

Instrument :
BNA_M
ClientSampleId :
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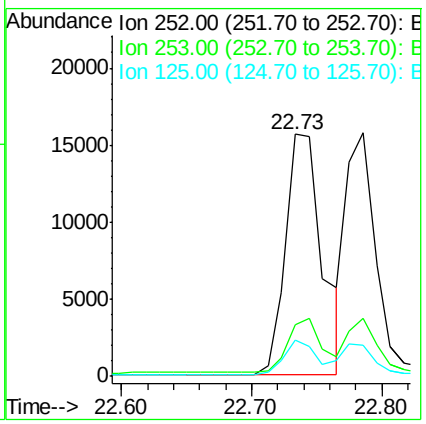
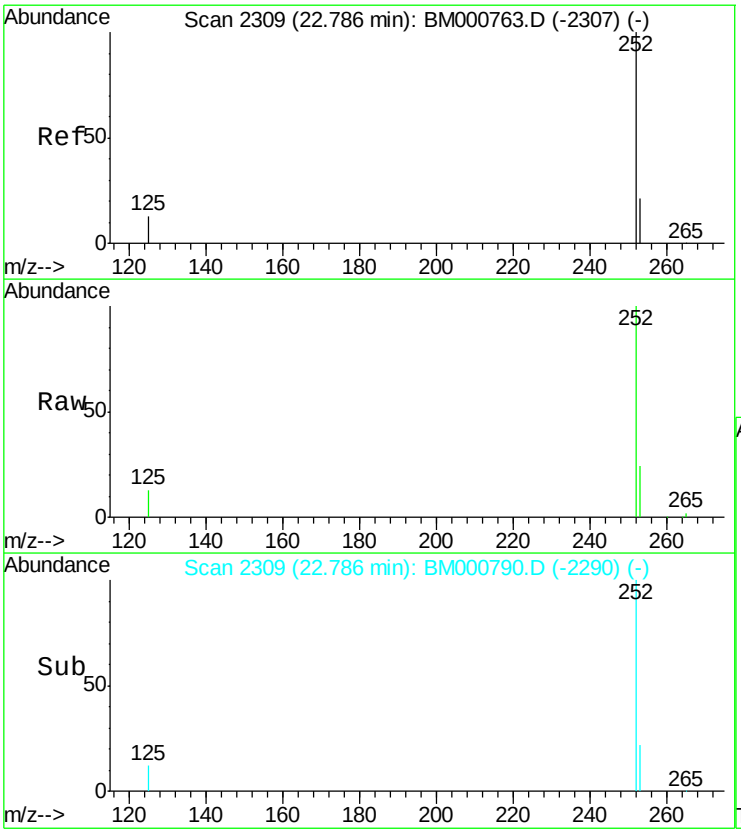
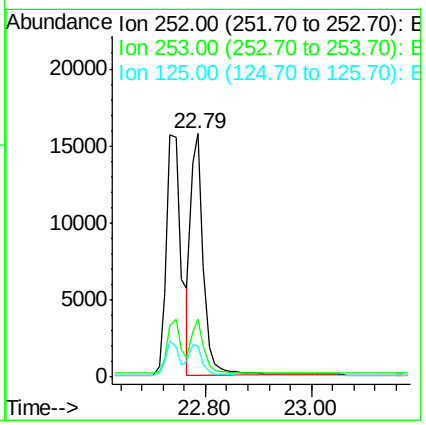


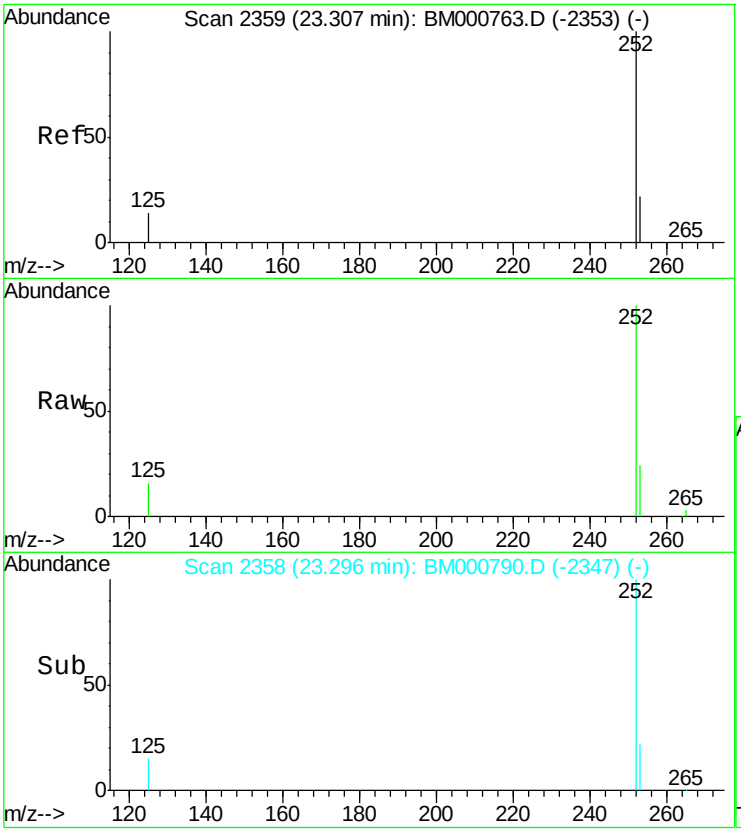


#27
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.79 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:252 Resp: 25920

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	13.0	10.8	16.2





#28
Benzo(a)pyrene
Concen: 1.02 ng
RT: 23.30 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:252 Resp: 24972

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	15.7	11.5	17.3

Instrument :
BNA_M
ClientSampleId :
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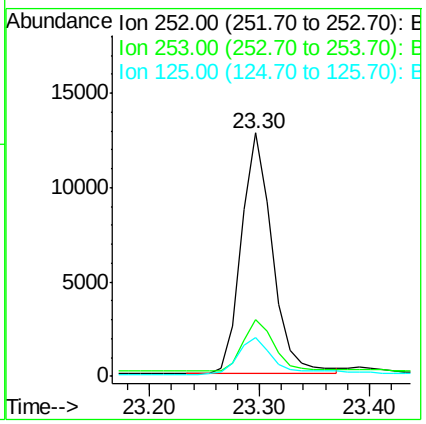
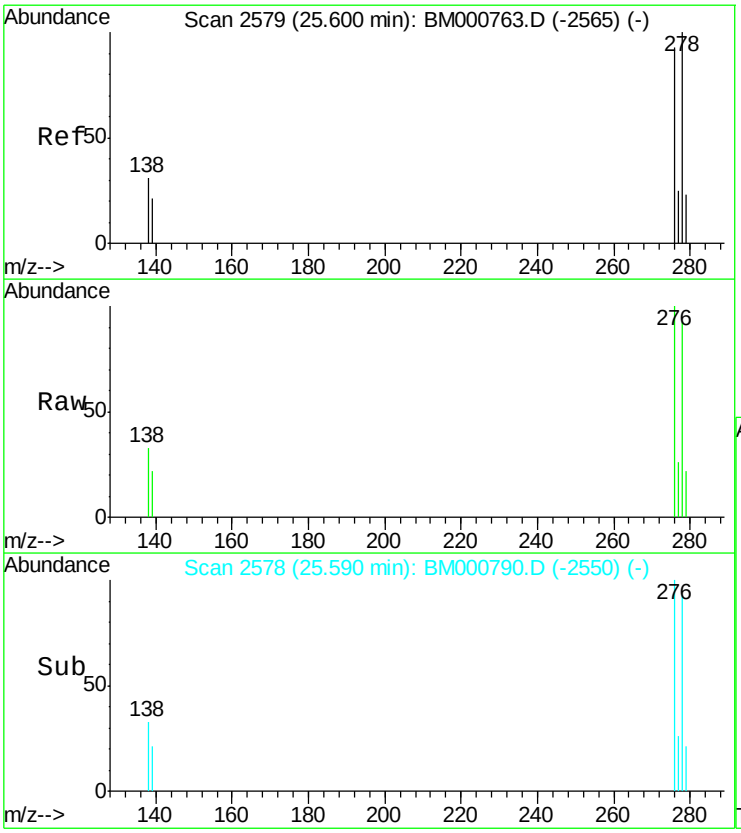
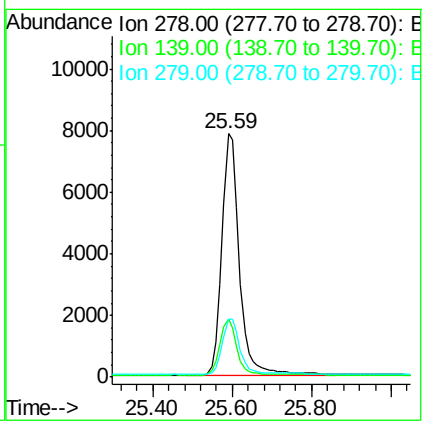


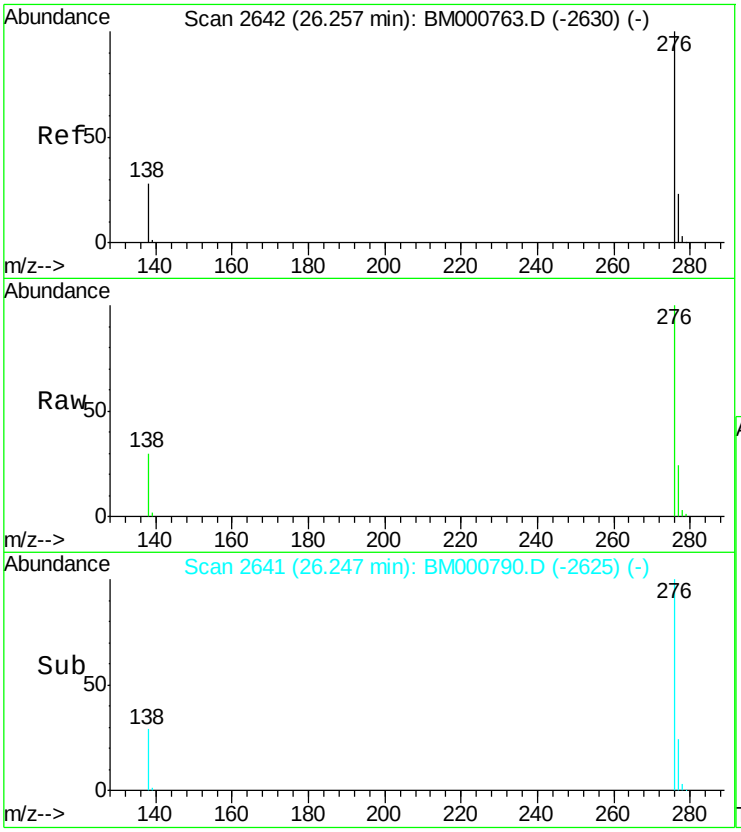


#29
Dibenzo(a,h)anthracene
Concen: 1.00 ng
RT: 25.59 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:278 Resp: 24318

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.8	26.6
279	23.7	19.3	28.9

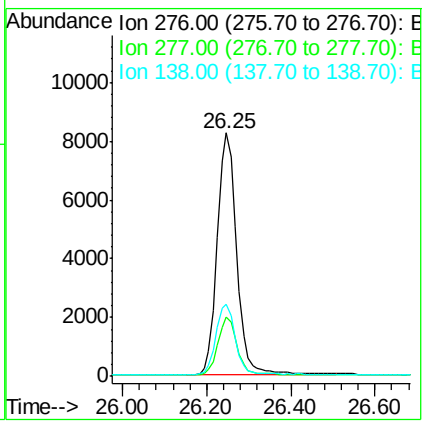




#30
Benzo(g,h,i)perylene
Concen: 1.00 ng
RT: 26.25 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BM000790.D
Acq: 01 Apr 2015 17:54

Tgt Ion:276 Resp: 26262

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	29.7	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
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