Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
Data File : BM000774.D
Acq On : 01 Apr 2015 03:47
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SOIL-0.1/0.2PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
apatel
4/1/2015 6:17:59 PM

Quant Time: Apr 01 15:21:49 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	40024	5.00	ng		0.00
4) Naphthalene-d8	10.40	136	135515	5.00	ng		0.00
8) Acenaphthene-d10	14.28	164	65240	5.00	ng		0.00
13) Phenanthrene-d10	17.01	188	137909	5.00	ng		0.00
19) Chrysene-d12	21.21	240	116630	5.00	ng		0.00
25) Perylene-d12	23.40	264	107837	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.77	82	66205	7.96	ng		0.00
9) 2-Fluorobiphenyl	12.89	172	198021	9.78	ng		0.00
21) Terphenyl-d14	19.66	244	146750	10.46	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	10.45	128	2629	0.08	ng	#	93
7) 2-Methylnaphthalene	12.08	142	1551	0.08	ng		98
10) Acenaphthylene	13.98	152	1941	0.07	ng		100
11) Acenaphthene	14.33	154	1818	0.09	ng		87
12) Fluorene	15.32	166	1777	0.08	ng		98
14) Hexachlorobenzene	16.33	284	673	0.08	ng	#	87
16) Phenanthrene	17.05	178	3199m	0.08	ng		
17) Anthracene	17.15	178	2569	0.08	ng		100
18) Fluoranthene	19.09	202	3006	0.08	ng		99
20) Pyrene	19.45	202	3106	0.08	ng		99
22) Benzo(a)anthracene	21.20	228	2936	0.09	ng		97
23) Chrysene	21.24	228	3213	0.09	ng		98
24) Indeno(1,2,3-cd)pyrene	25.59	276	2926	0.08	ng		100
26) Benzo(b)fluoranthene	22.74	252	2669	0.08	ng	#	81
27) Benzo(k)fluoranthene	22.79	252	2791	0.09	ng	#	79
28) Benzo(a)pyrene	23.31	252	2377	0.08	ng	#	73
29) Dibenzo(a,h)anthracene	25.60	278	2356	0.08	ng	#	81
30) Benzo(g,h,i)perylene	26.26	276	2705	0.09	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
Data File : BM000774.D
Acq On : 01 Apr 2015 03:47
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SOIL-0.1/0.2PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 01 15:21:49 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 :
MDL-05-S

Manual Integrations APPROVED
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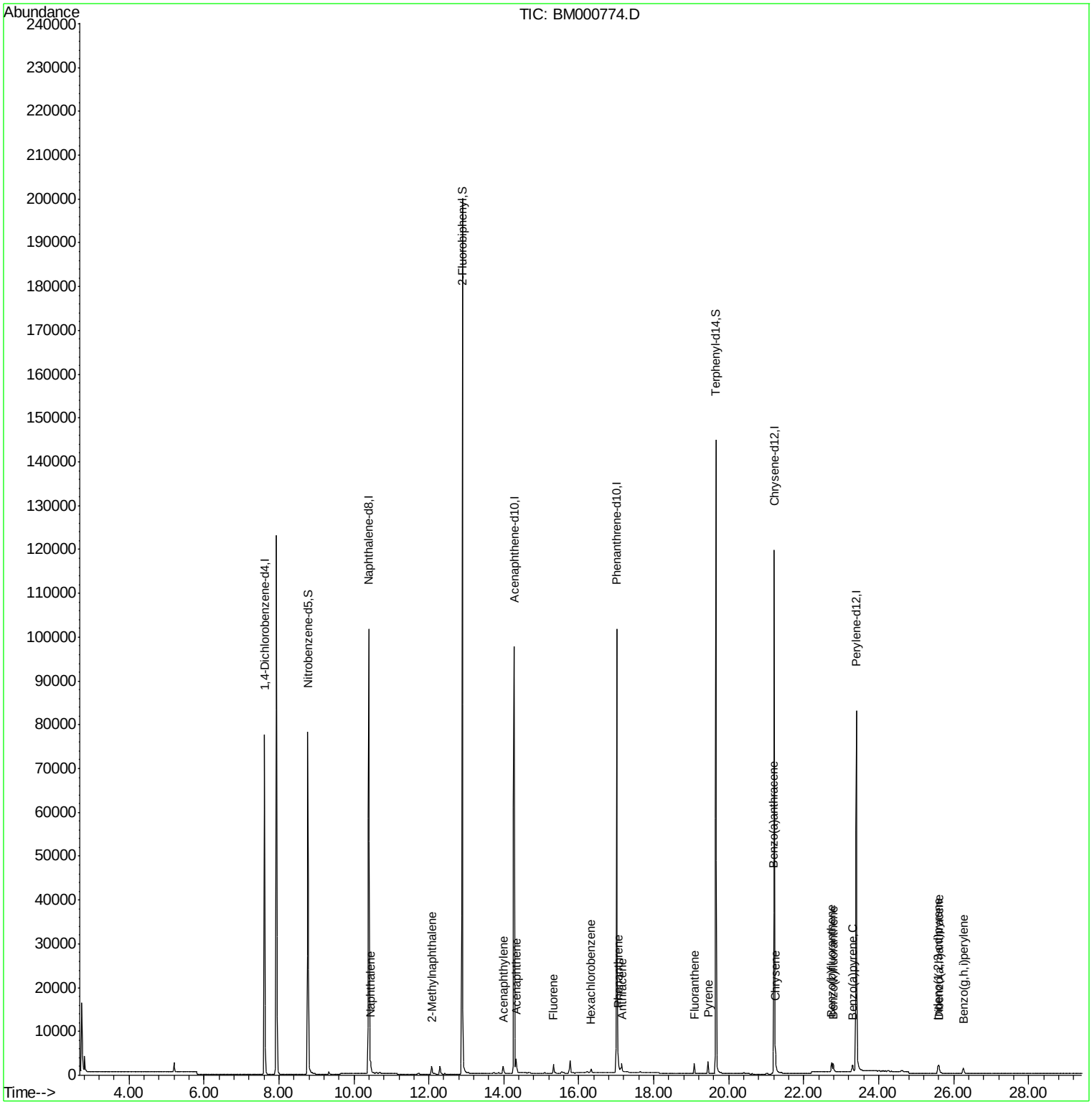
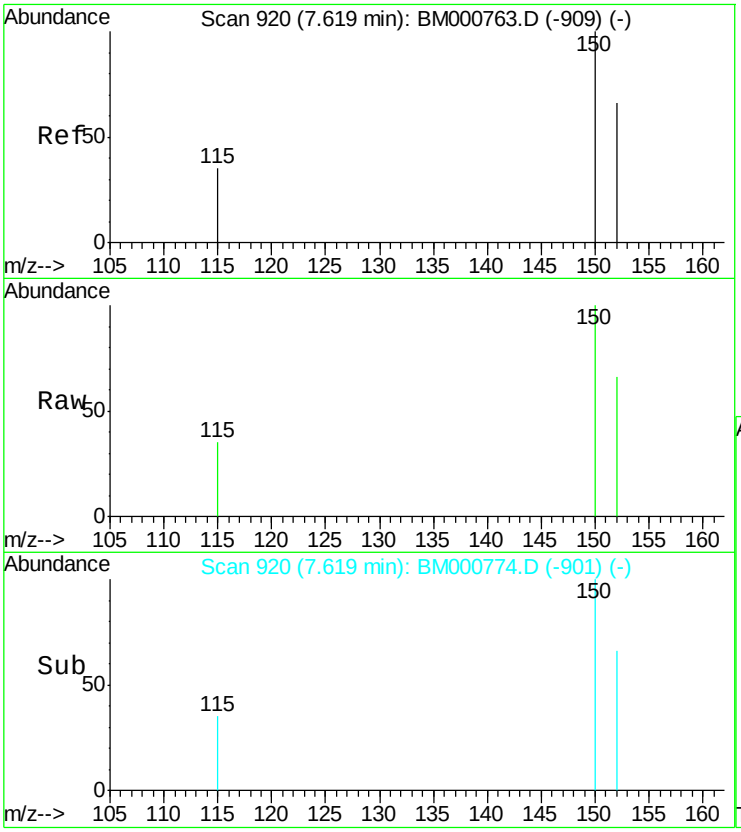
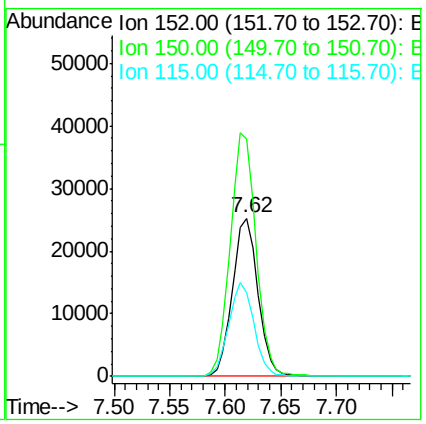




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 920
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:152 Resp: 40024

Ion	Ratio	Lower	Upper
152	100		
150	150.5	120.8	181.2
115	52.6	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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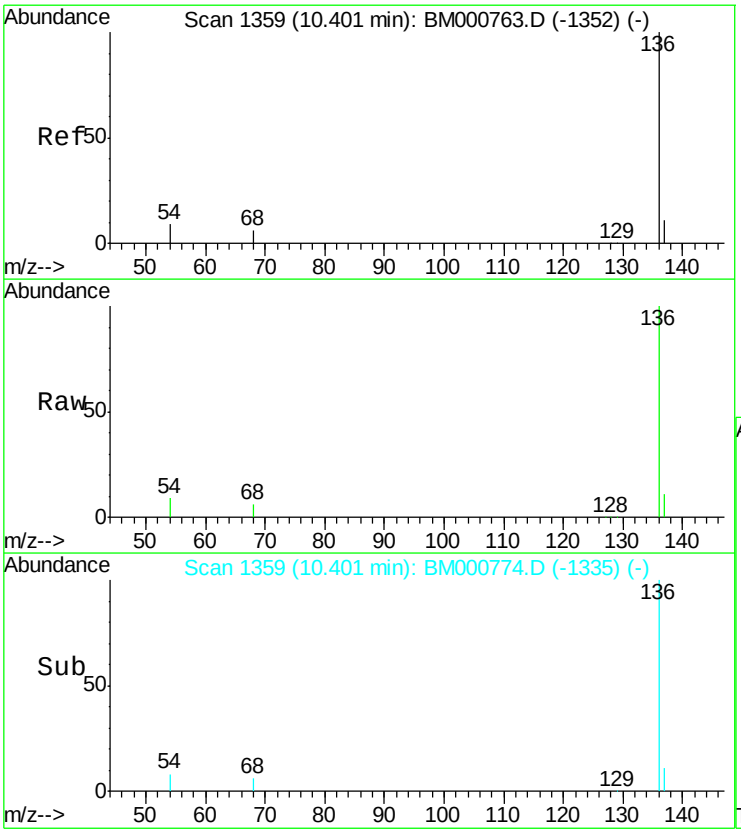
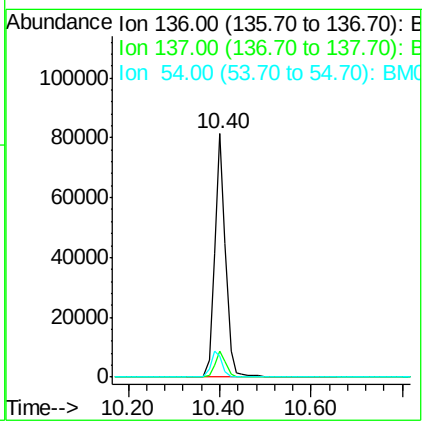
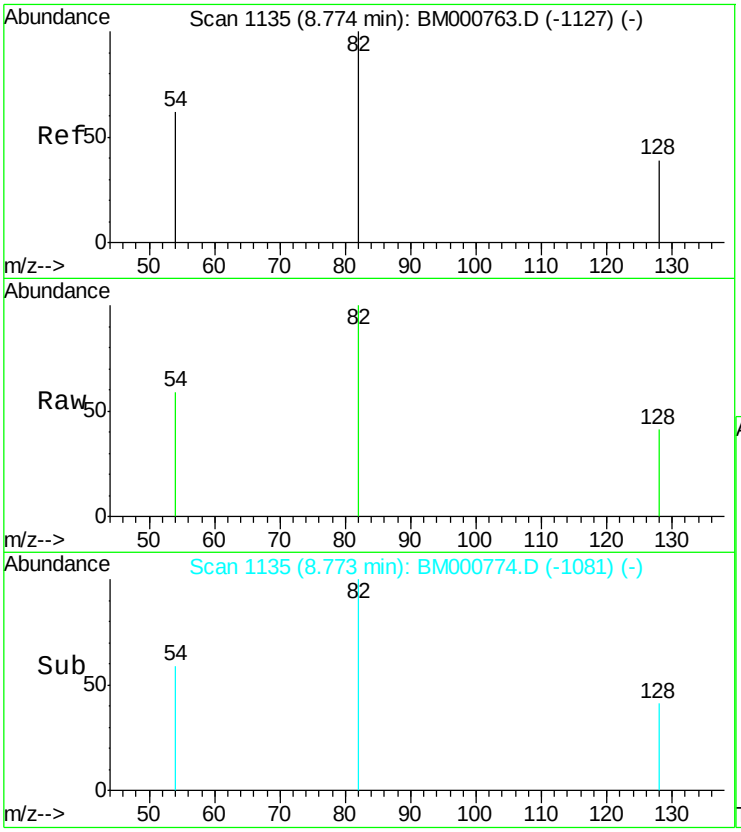


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.40 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:136 Resp: 135515

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.5	7.0	10.6

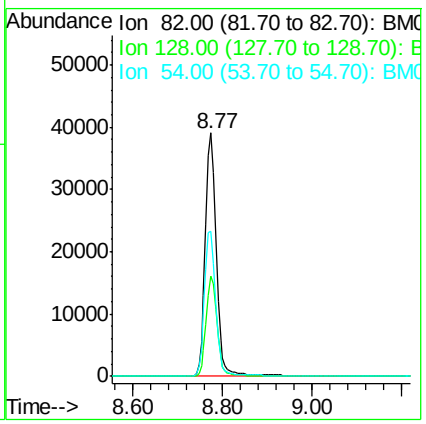




#5
Nitrobenzene-d5
Concen: 7.96 ng
RT: 8.77 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion: 82 Resp: 66205

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.2	48.2
54	59.4	50.2	75.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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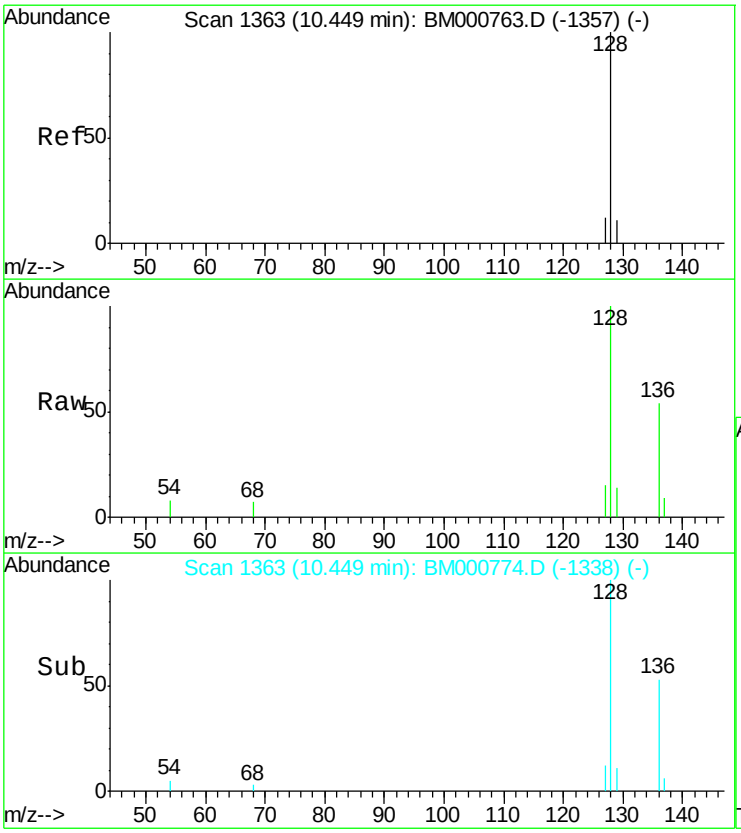
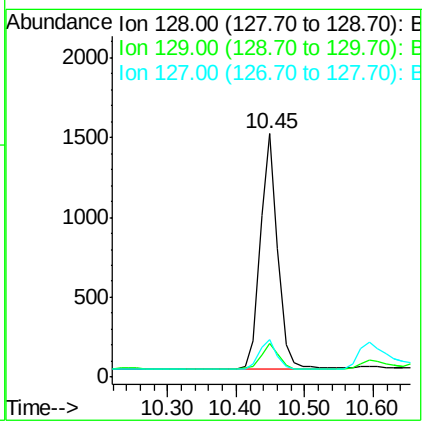
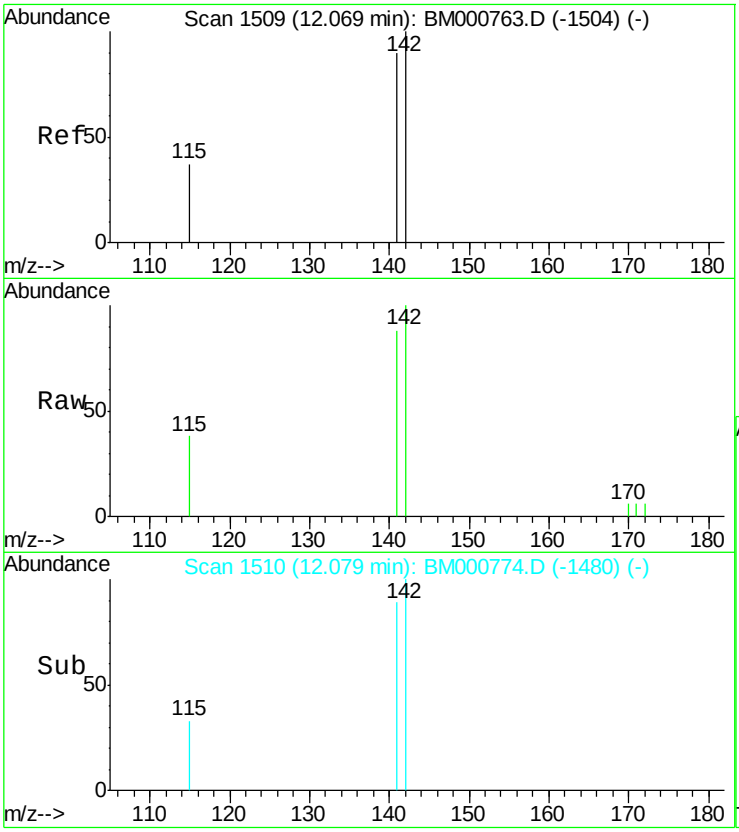


#6
Naphthalene
Concen: 0.08 ng
RT: 10.45 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:128 Resp: 2629

Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.9	13.3#
127	15.1	10.0	15.0#

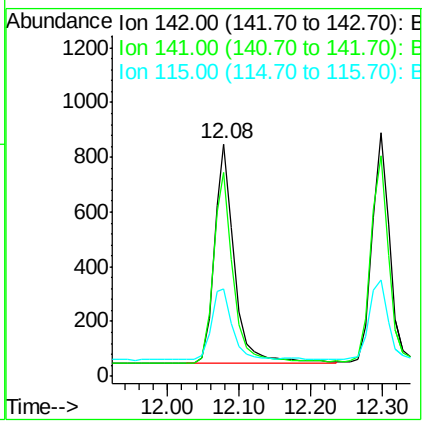




#7
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.08 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:142 Resp: 1551

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.3	108.5
115	37.9	29.5	44.3



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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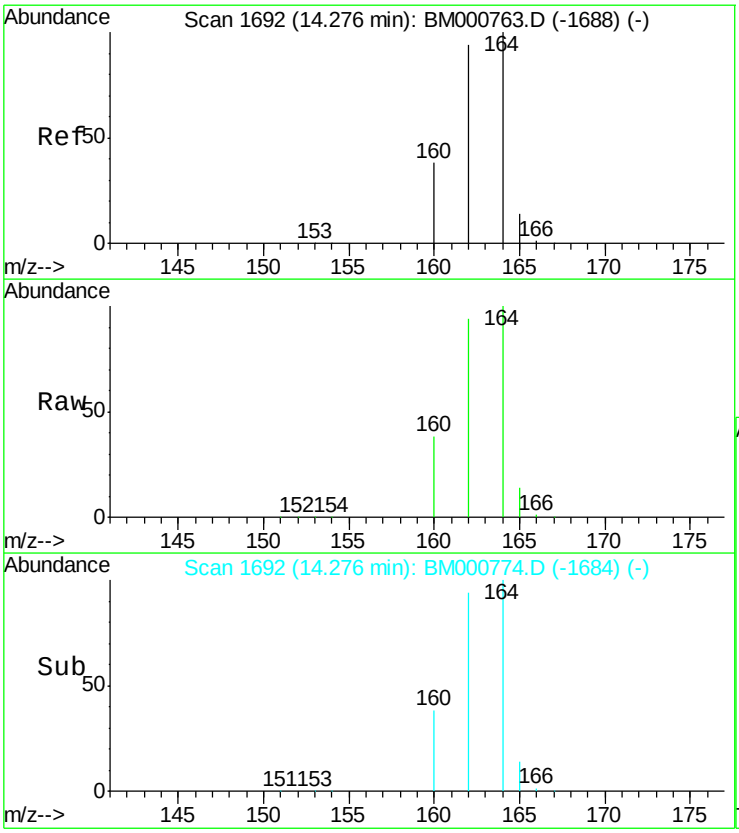
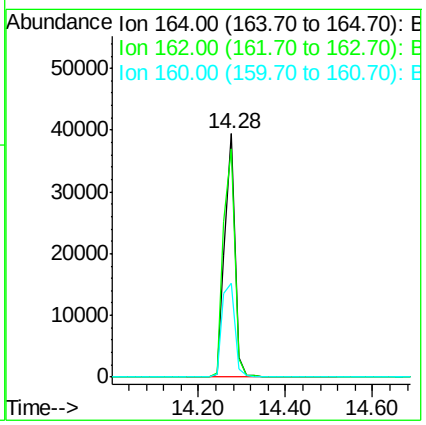
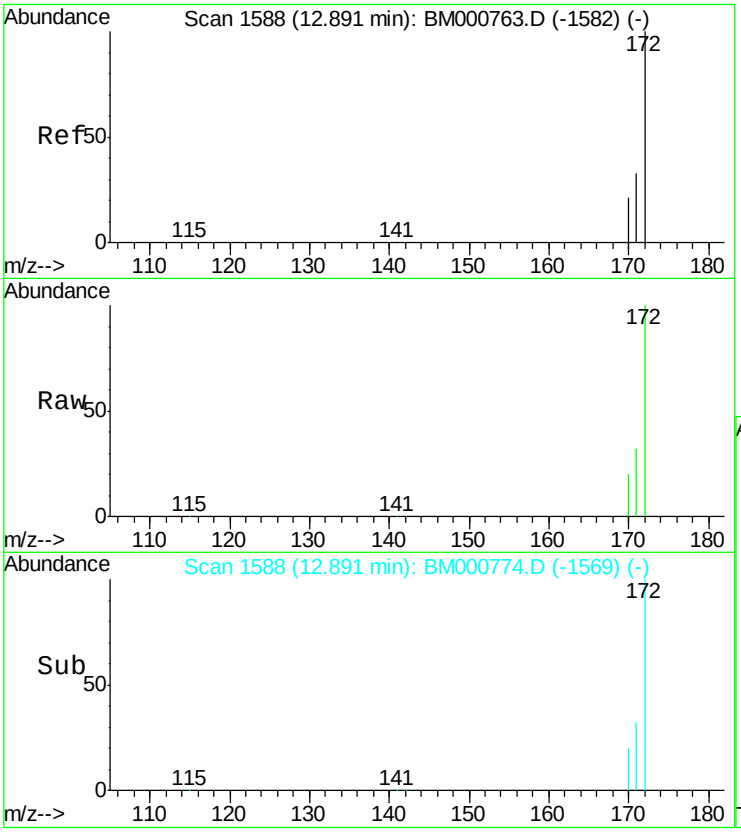


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:164 Resp: 65240

Ion	Ratio	Lower	Upper
164	100		
162	94.0	75.4	113.2
160	38.3	30.8	46.2

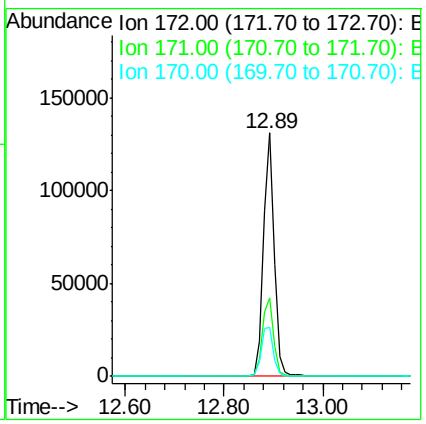




#9
2-Fluorobiphenyl
Concen: 9.78 ng
RT: 12.89 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:172 Resp: 198021

Ion	Ratio	Lower	Upper
172	100		
171	32.1	26.6	39.8
170	20.1	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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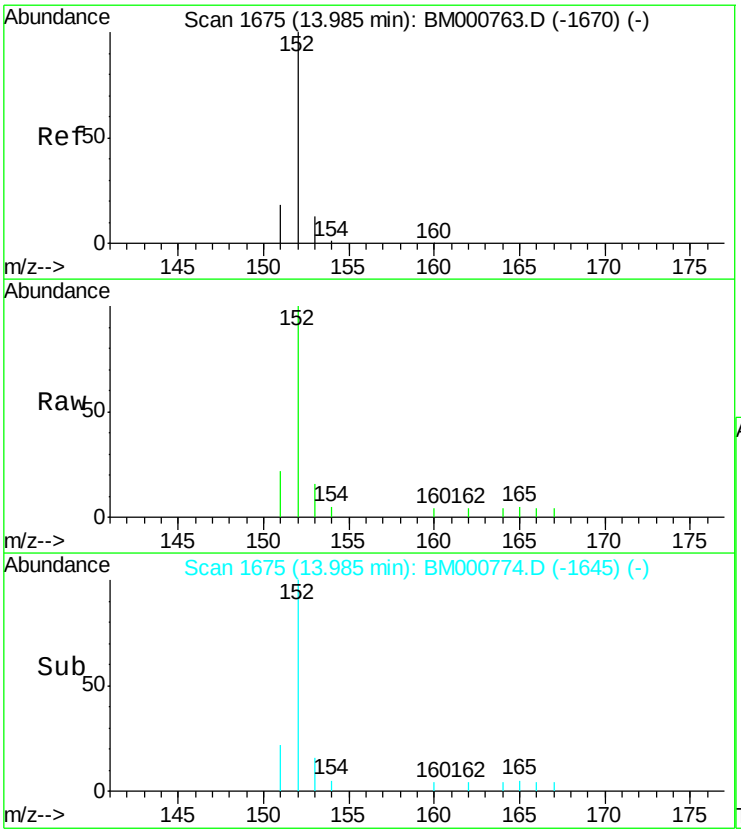
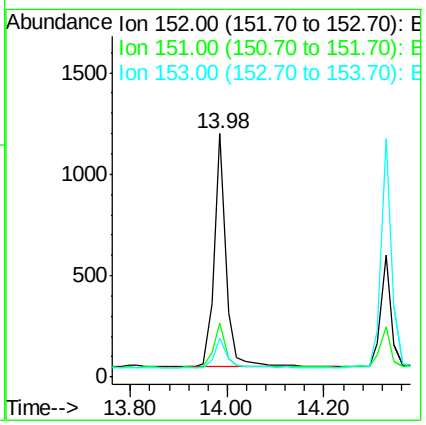
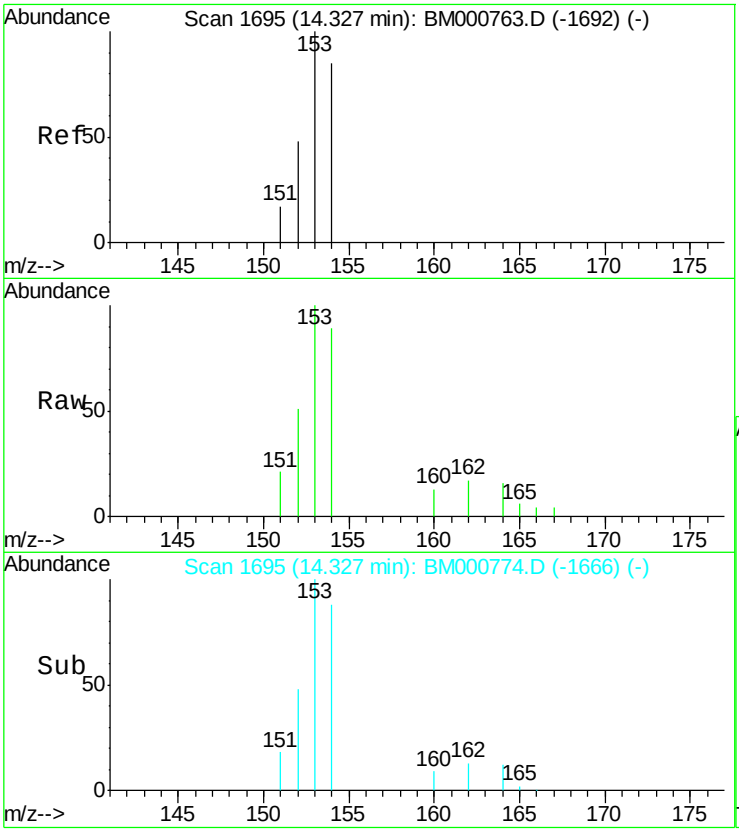


#10
Acenaphthylene
Concen: 0.07 ng
RT: 13.98 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:152 Resp: 1941

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	13.1	10.2	15.4

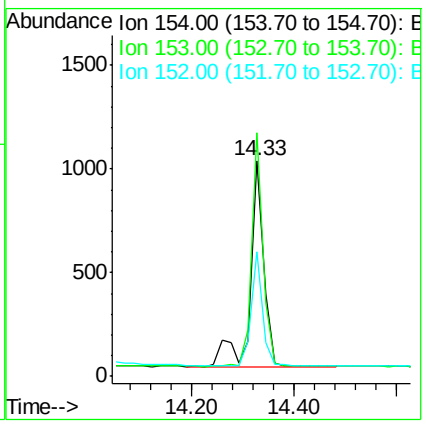




#11
Acenaphthene
Concen: 0.09 ng
RT: 14.33 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:154 Resp: 1818

Ion	Ratio	Lower	Upper
154	100		
153	94.3	87.3	130.9
152	45.4	43.0	64.6



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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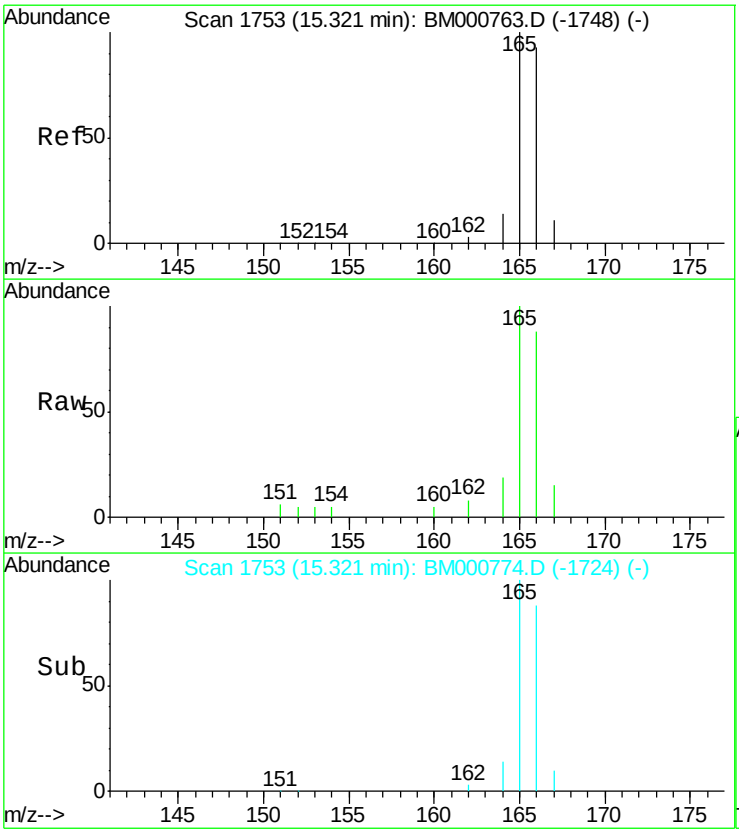
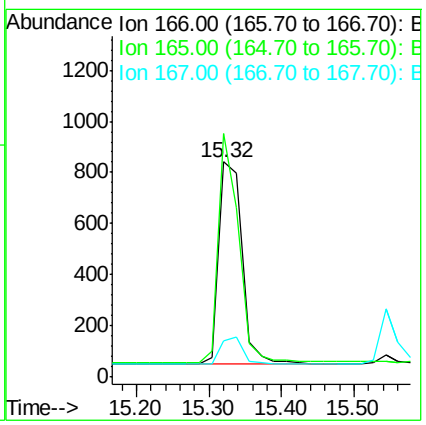
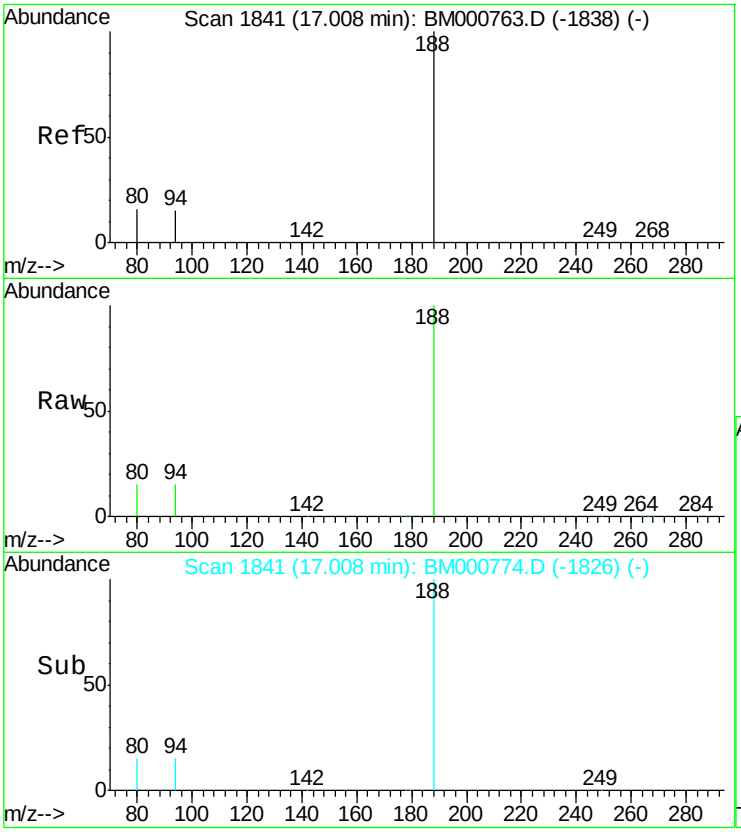


#12
Fluorene
Concen: 0.08 ng
RT: 15.32 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:166 Resp: 1777

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.2	117.2
167	13.3	10.7	16.1





#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:188 Resp: 137909

Ion	Ratio	Lower	Upper
188	100		
94	14.6	12.0	18.0
80	15.5	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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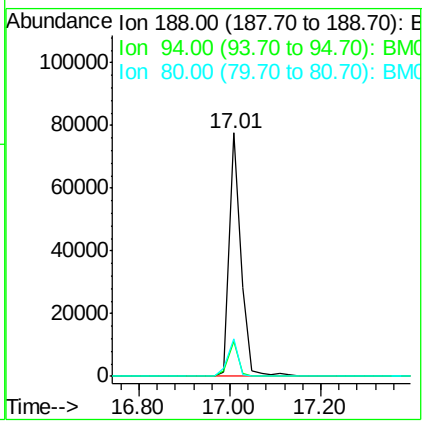
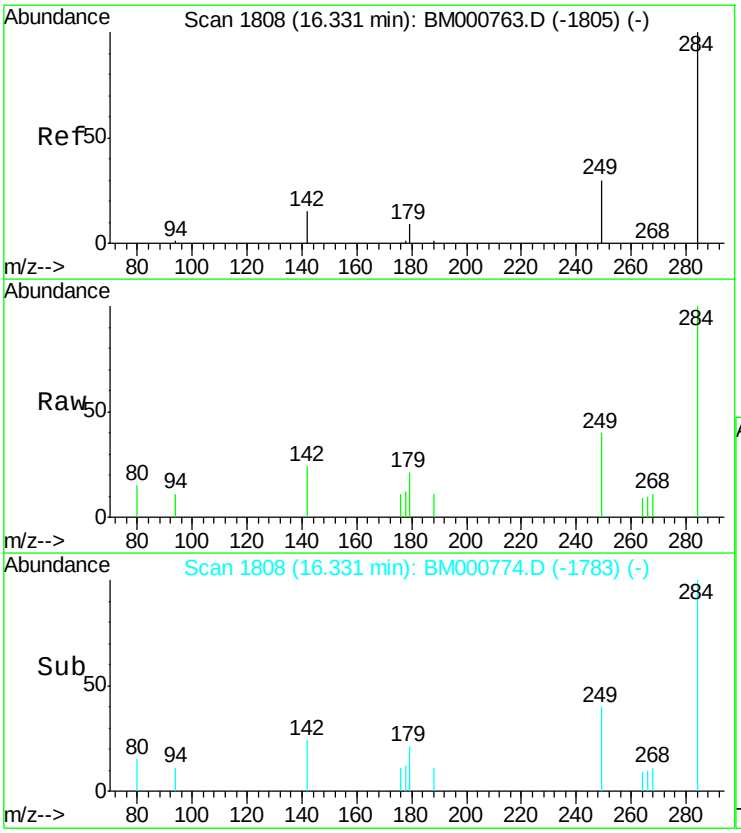
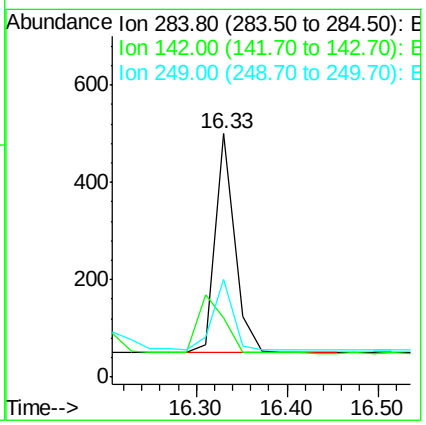


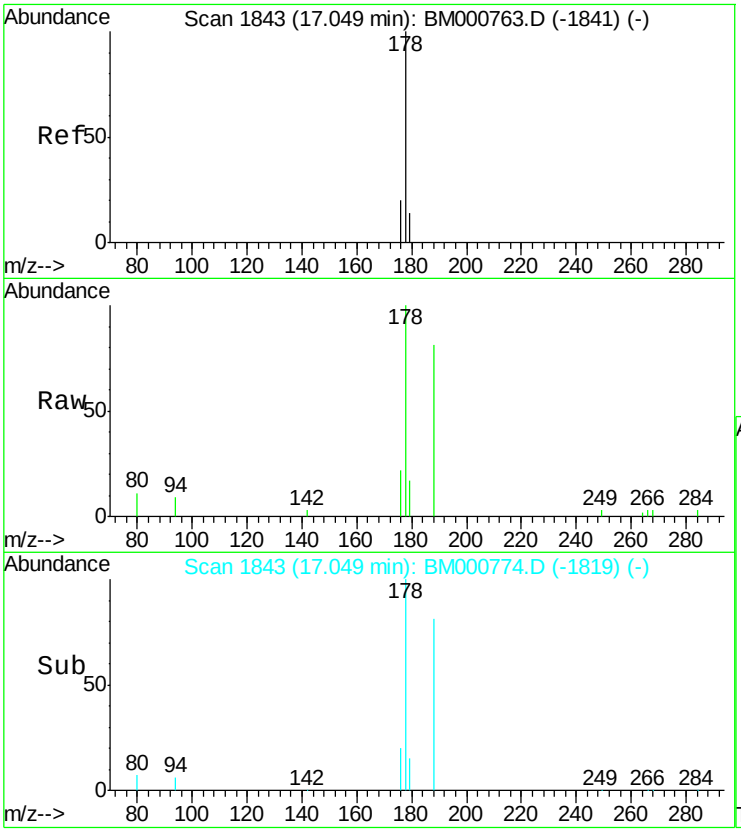


#14
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.33 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:284 Resp: 673

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	38.6	25.2	37.8#

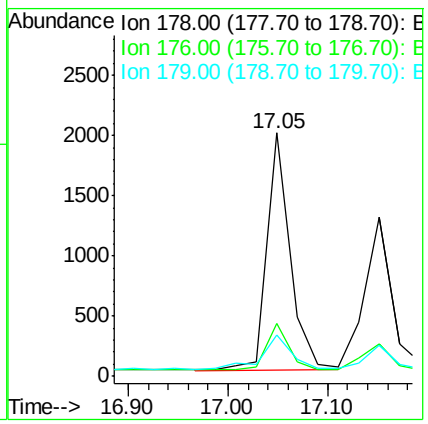




#16
Phenanthrene
Concen: 0.08 ng m
RT: 17.05 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:178 Resp: 3199

Ion	Ratio	Lower	Upper
178	100		
176	14.3	15.3	22.9#
179	12.4	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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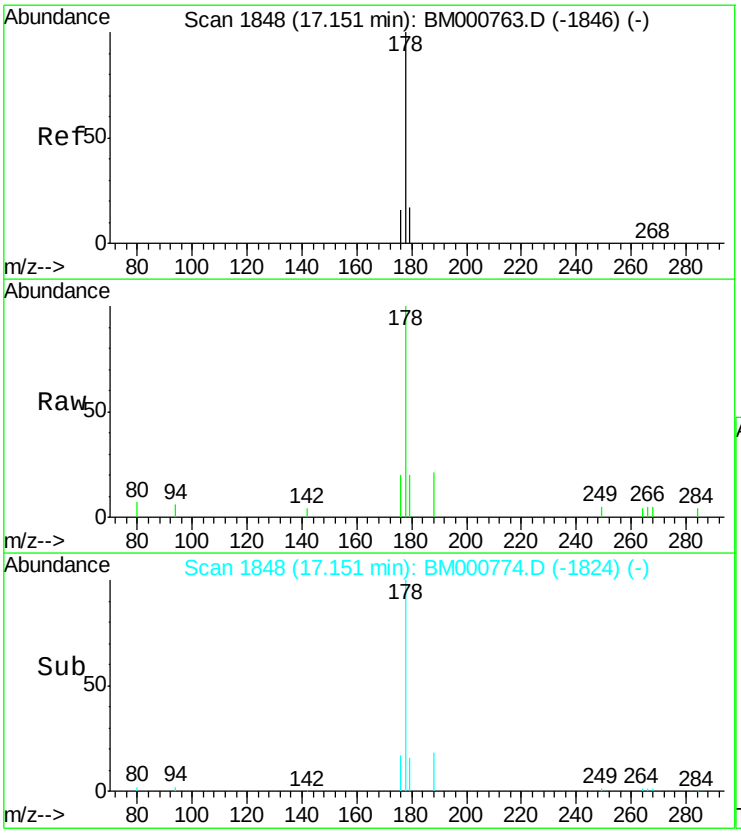
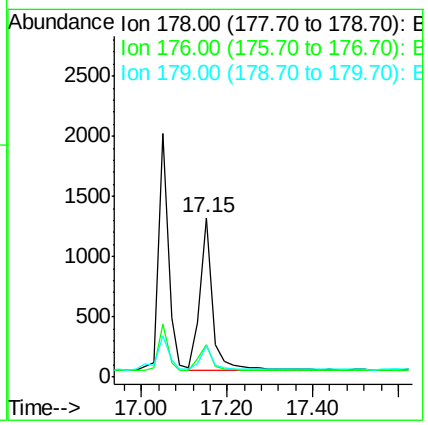
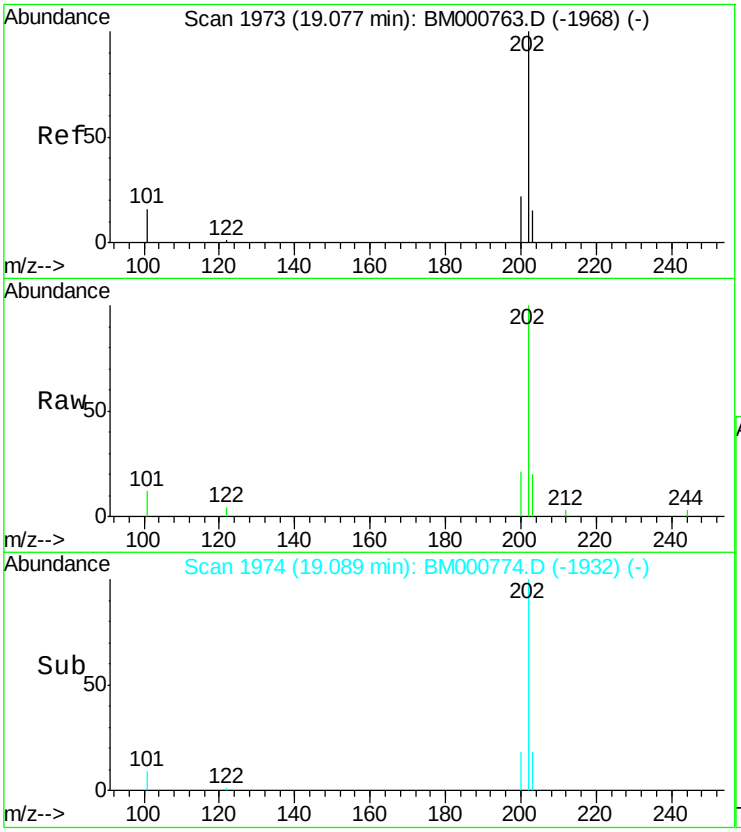


#17
Anthracene
Concen: 0.08 ng
RT: 17.15 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:178 Resp: 2569

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.5	12.2	18.4





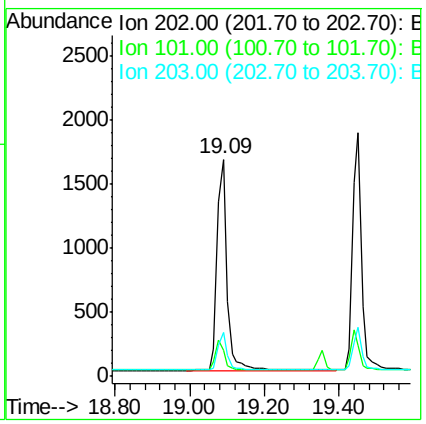
#18
Fluoranthene
Concen: 0.08 ng
RT: 19.09 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

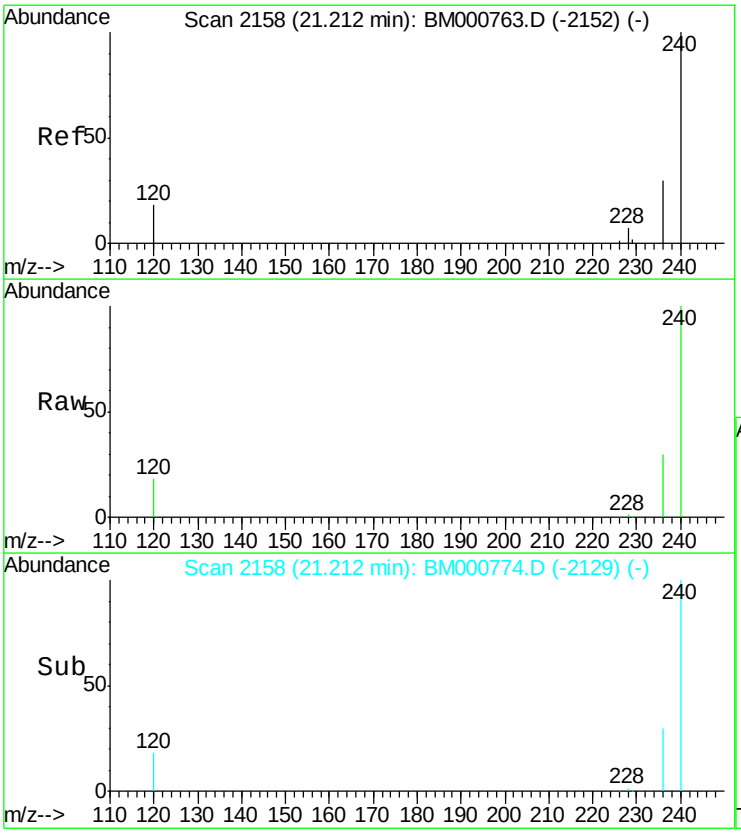
Tgt Ion:202 Resp: 3006

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.5	15.7
203	16.9	13.8	20.8

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
apatel
4/1/2015 6:17:59 PM

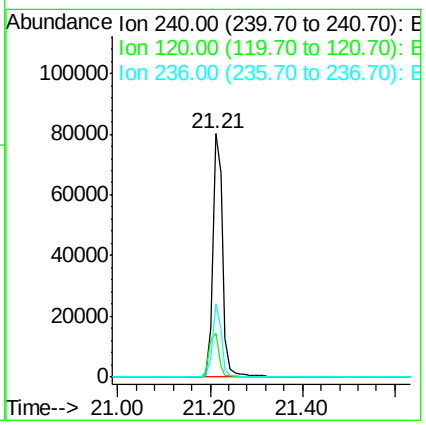


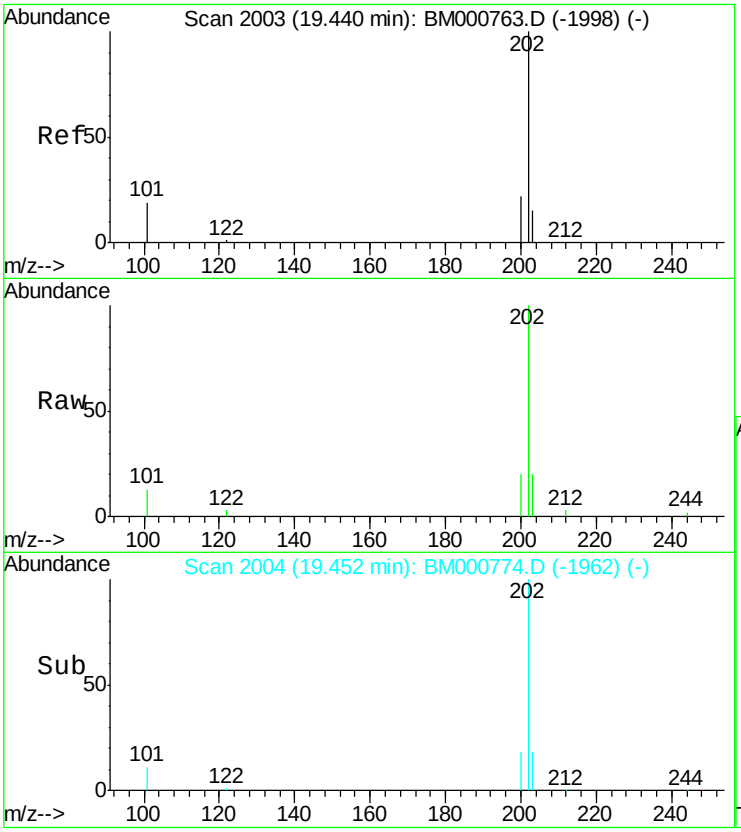


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:240 Resp: 116630

Ion	Ratio	Lower	Upper
240	100		
120	18.0	14.9	22.3
236	29.9	24.2	36.4

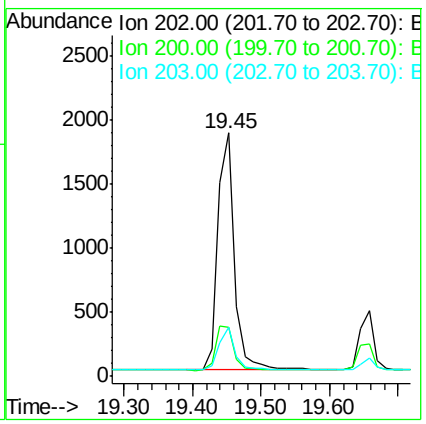




#20
Pyrene
Concen: 0.08 ng
RT: 19.45 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:202 Resp: 3106

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.6	13.9	20.9



Instrument :
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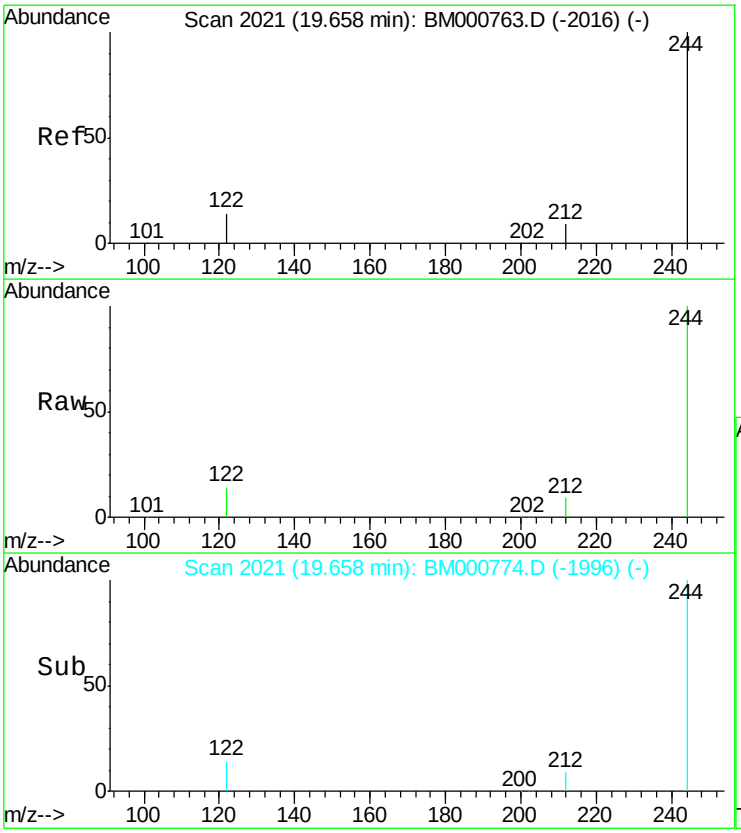
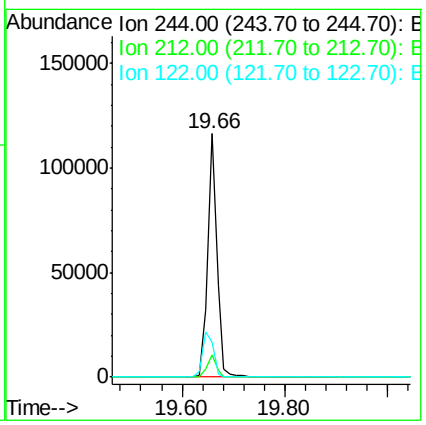
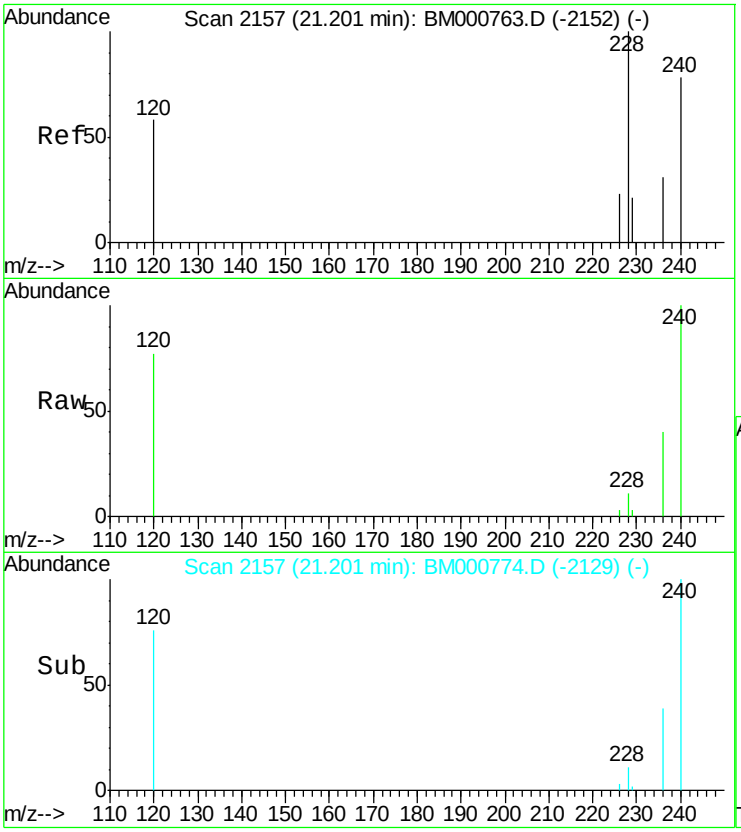


#21
Terphenyl-d14
Concen: 10.46 ng
RT: 19.66 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:244 Resp: 146750

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.8	11.6
122	14.3	11.8	17.8

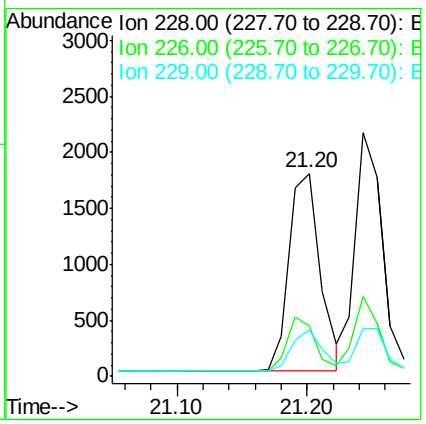




#22
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:228 Resp: 2936

Ion	Ratio	Lower	Upper
228	100		
226	24.7	18.6	27.8
229	22.9	17.2	25.8



Instrument :
BNA_M
ClientSampleId :
MDL-05-S

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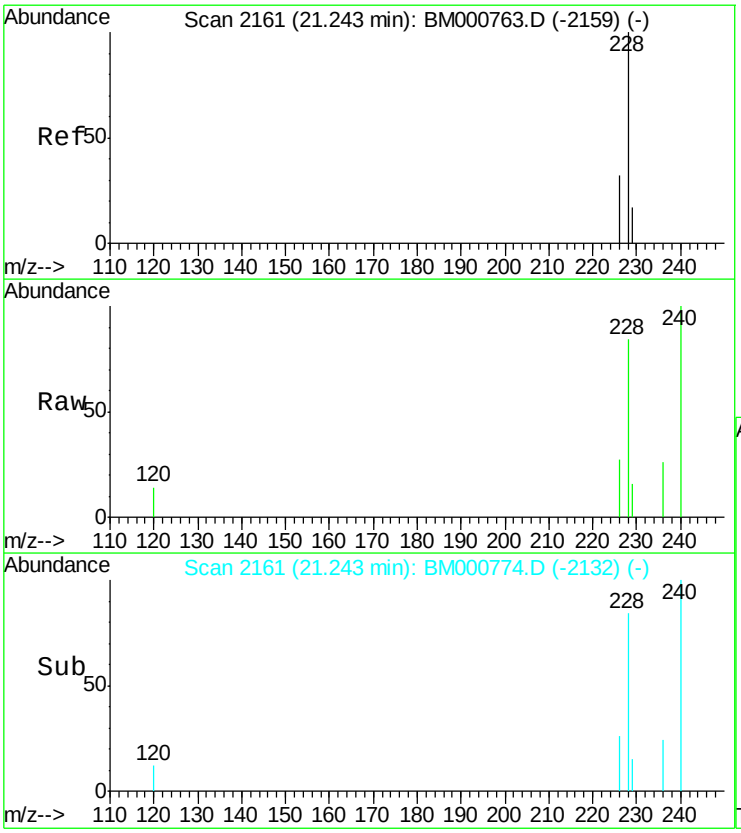
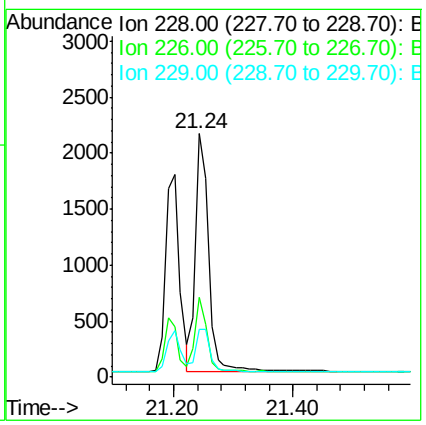
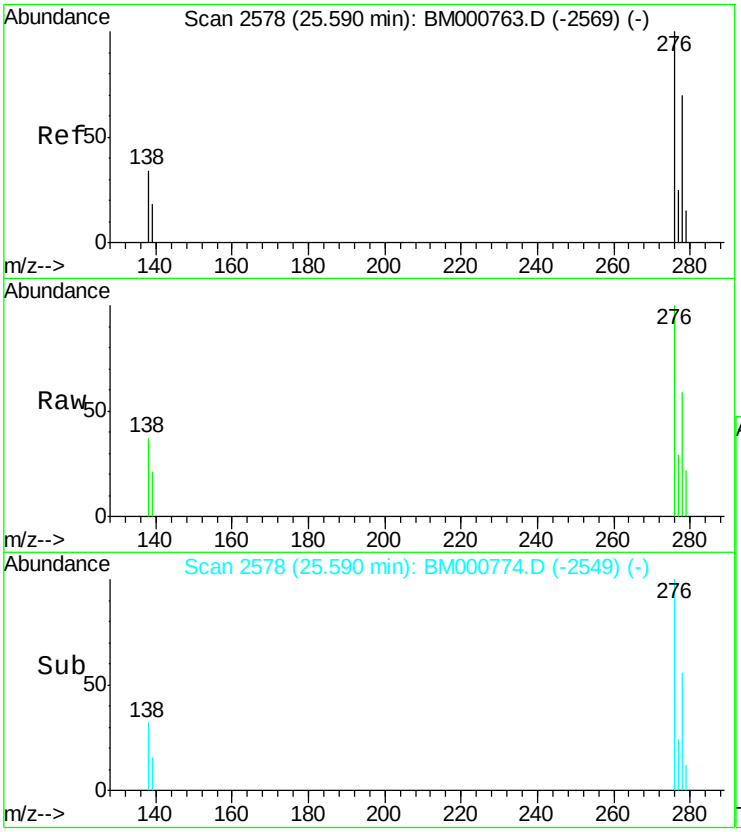


#23
Chrysene
Concen: 0.09 ng
RT: 21.24 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:228 Resp: 3213

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.8
229	19.5	13.8	20.6

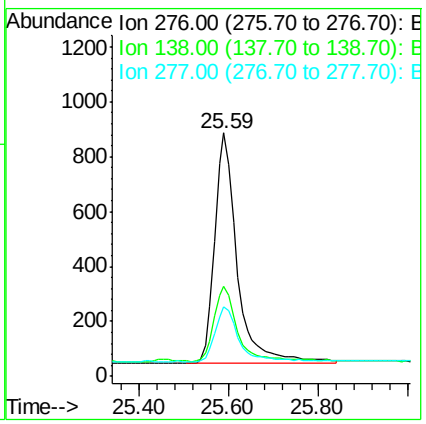




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.59 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:276 Resp: 2926

Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.4	41.2
277	24.4	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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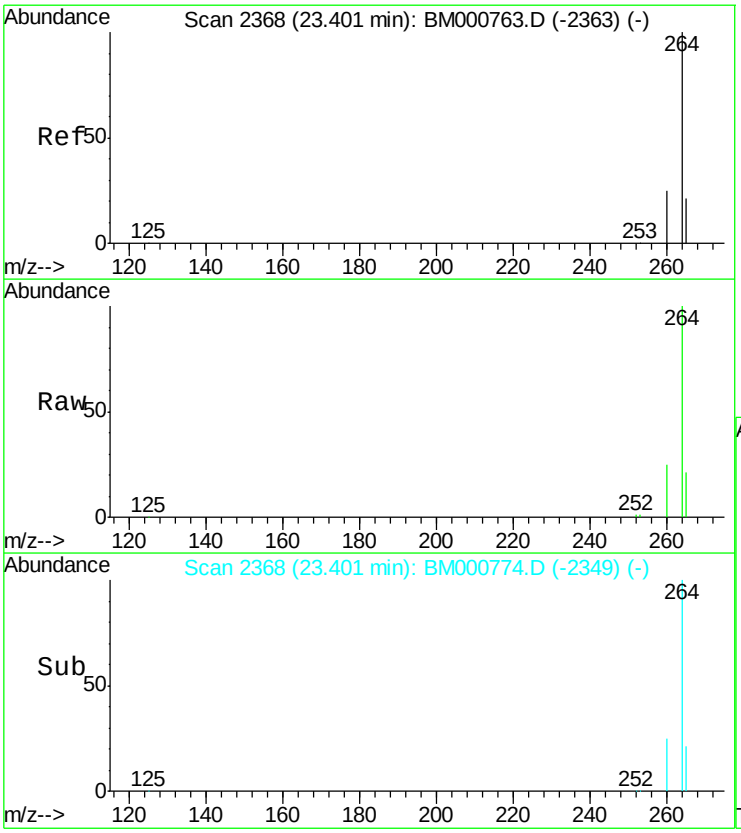
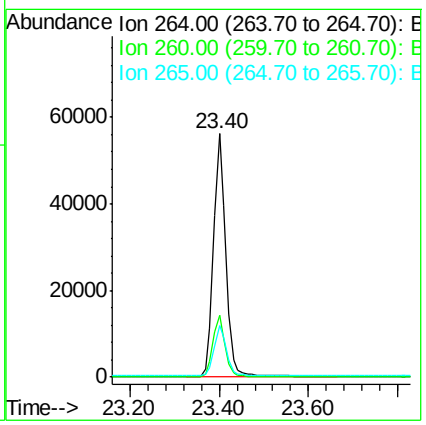
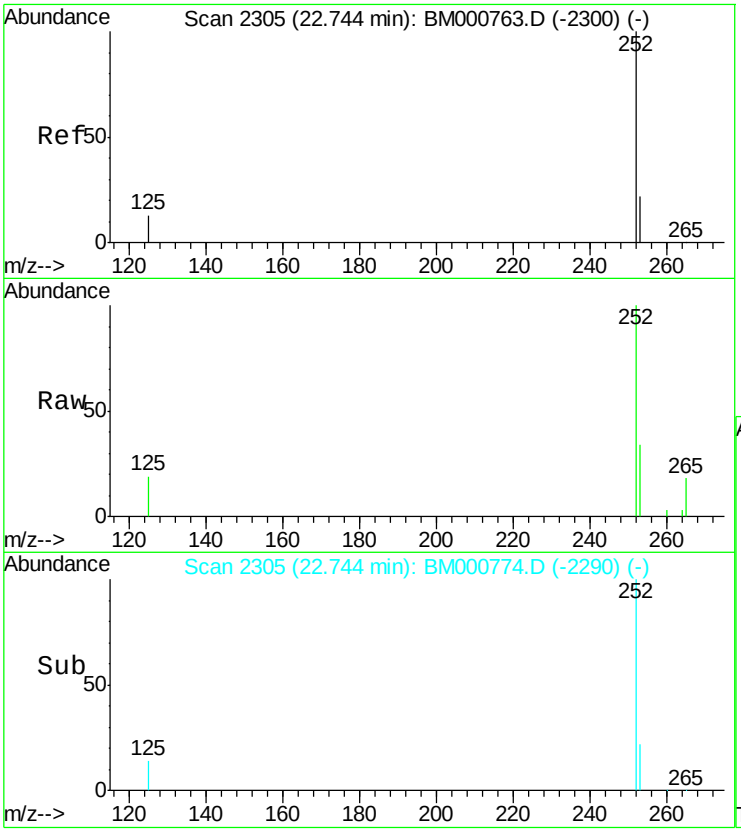


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:264 Resp: 107837

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.1	17.4	26.0

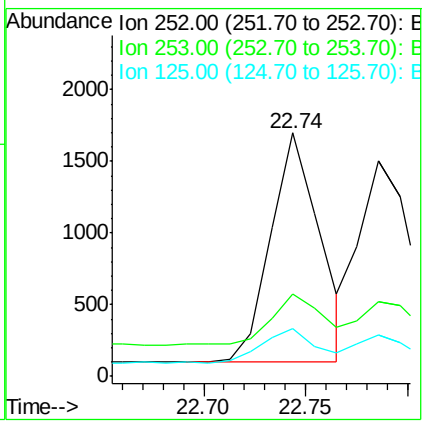




#26
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.74 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:252 Resp: 2669

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.5	27.7#
125	19.4	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
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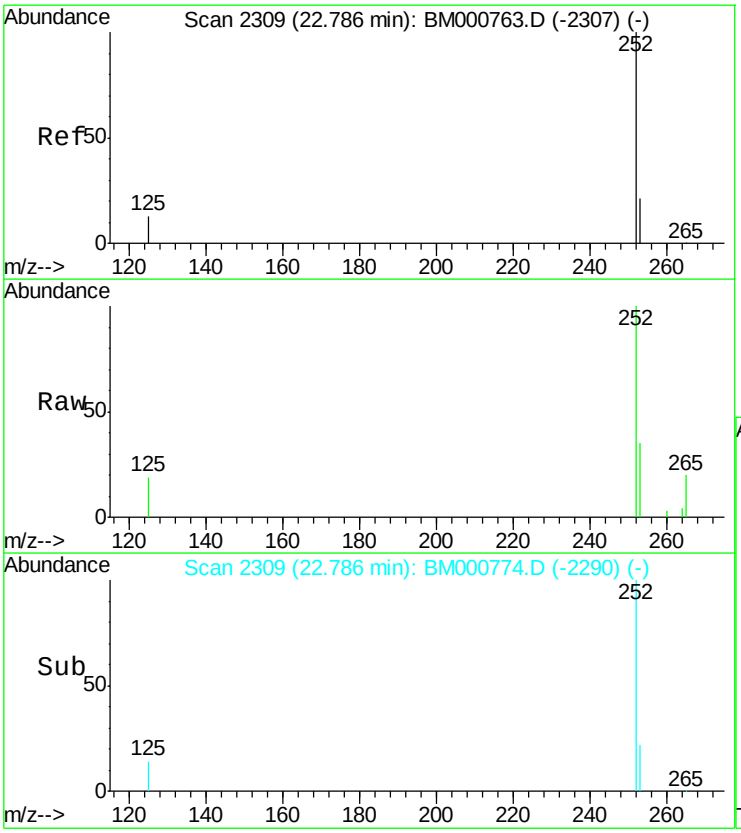
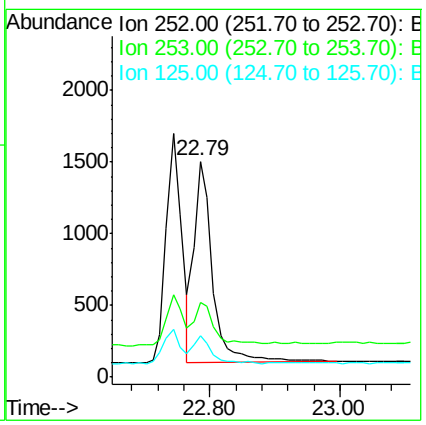
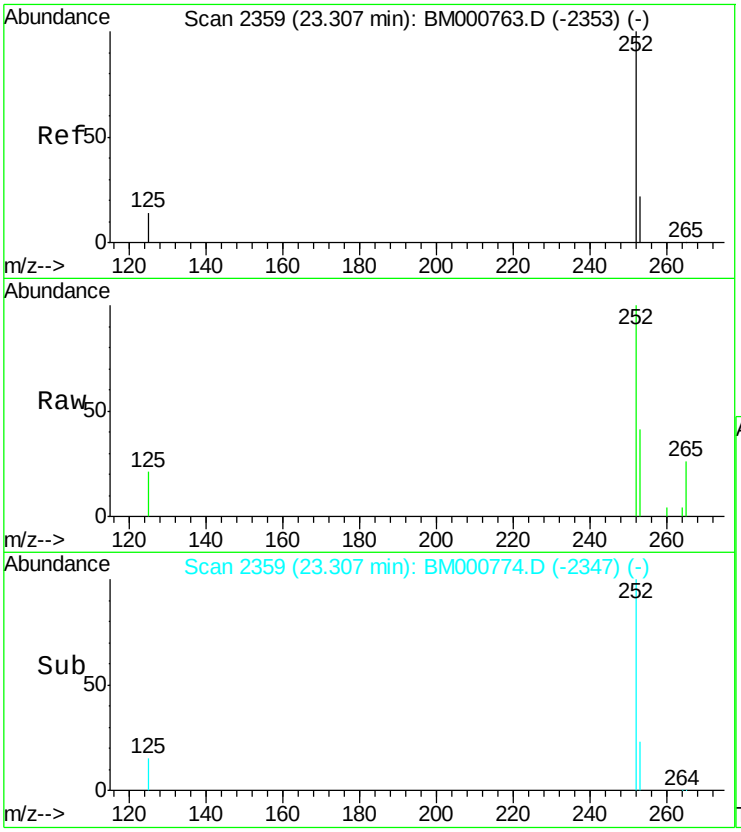


#27
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.79 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:252 Resp: 2791

Ion	Ratio	Lower	Upper
252	100		
253	34.8	17.9	26.9#
125	19.2	10.8	16.2#





#28
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.31 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:252 Resp: 2377

Ion	Ratio	Lower	Upper
252	100		
253	40.8	19.4	29.2#
125	21.2	11.5	17.3#

Instrument :
BNA_M
ClientSampleId :
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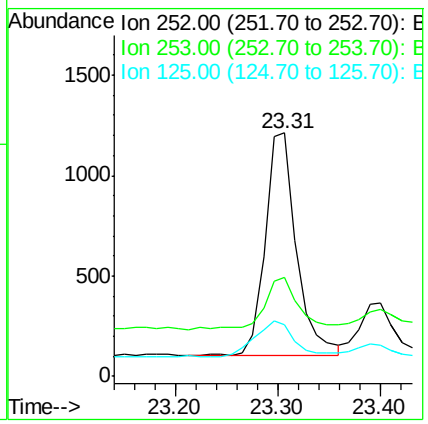
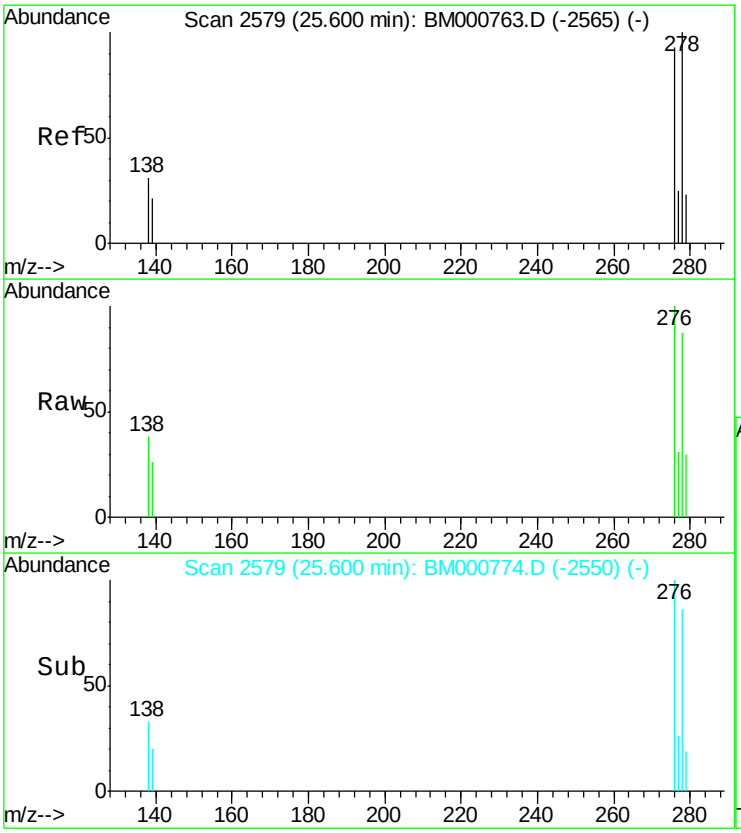
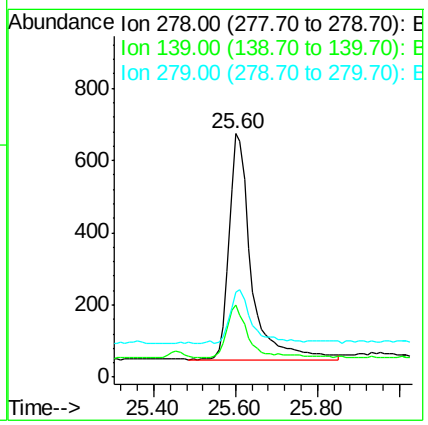


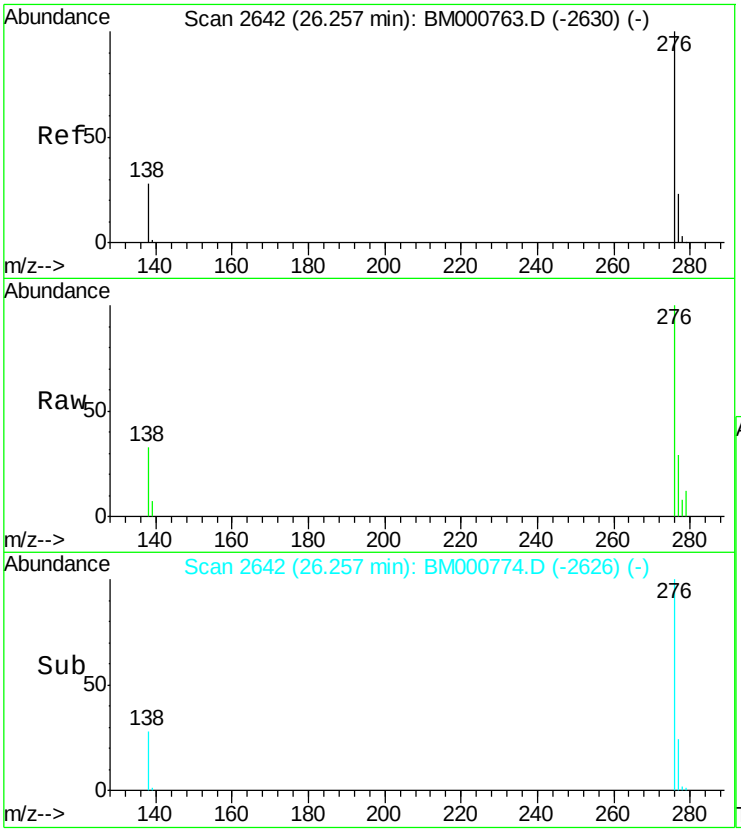


#29
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.60 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:278 Resp: 2356

Ion	Ratio	Lower	Upper
278	100		
139	29.5	17.8	26.6#
279	34.7	19.3	28.9#

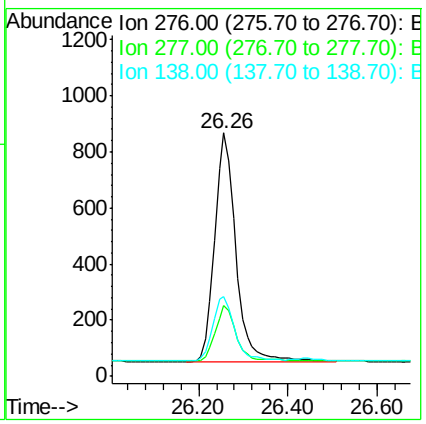




#30
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.26 min Scan# 2642
Delta R.T. -0.00 min
Lab File: BM000774.D
Acq: 01 Apr 2015 03:47

Tgt Ion:276 Resp: 2705

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.1	28.7#
138	32.7	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
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