

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
 Data File : BM002666.D
 Acq On : 04 Sep 2015 02:13
 Operator : UM/IZ
 Sample : MDL-07-S
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-S

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Quant Time: Sep 04 04:52:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 04:35:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	6803	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	25327	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	10073	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	18476	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	17468	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	17212	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	15808	0.47	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	23368	0.55	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.69	128	3791	0.06	ng/ul	94
7) 2-Methylnaphthalene	13.25	142	2812	0.06	ng/ul	89
9) Acenaphthylene	15.09	152	3262	0.06	ng/ul	97
10) Acenaphthene	15.42	153	2215	0.06	ng/ul	96
11) Fluorene	16.39	166	2336	0.06	ng/ul#	91
14) Phenanthrene	18.11	178	3413	0.06	ng/ul	95
15) Anthracene	18.20	178	3528m	0.06	ng/ul	
17) Fluoranthene	20.07	202	3858	0.07	ng/ul	88
19) Pyrene	20.42	202	3993	0.06	ng/ul#	94
20) Benzo(a)anthracene	22.14	228	3741	0.06	ng/ul#	92
21) Chrysene	22.19	228	3614	0.06	ng/ul#	90
23) Benzo(b)fluoranthene	23.96	252	4225	0.07	ng/ul#	57
24) Benzo(k)fluoranthene	24.01	252	3508	0.06	ng/ul#	55
25) Benzo(a)pyrene	24.66	252	3575	0.06	ng/ul#	49
26) Indeno(1,2,3-cd)pyrene	27.54	276	4286	0.06	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	3426	0.06	ng/ul#	71
28) Benzo(g,h,i)perylene	28.40	276	3700	0.06	ng/ul#	77

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

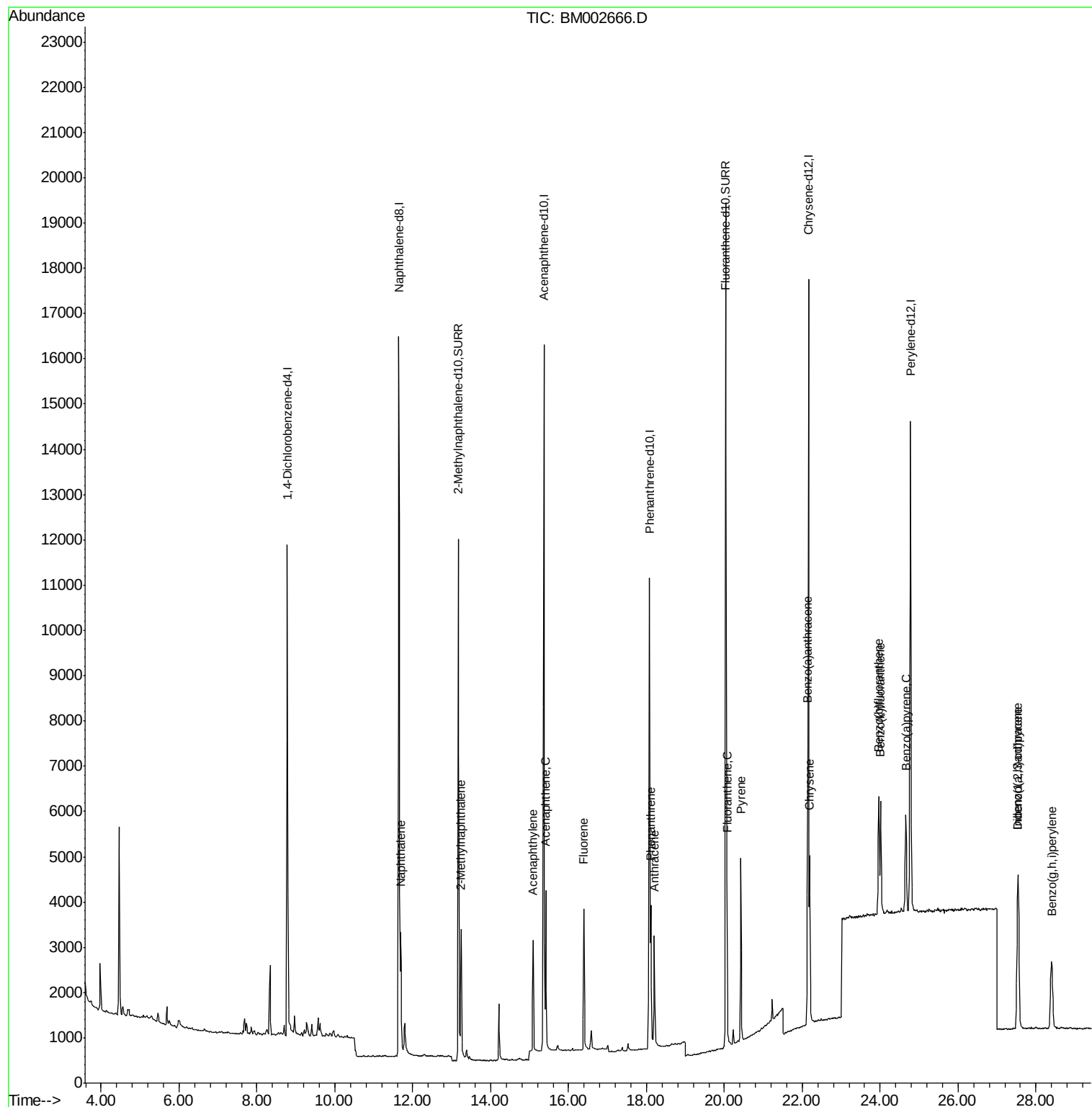
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
Data File : BM002666.D
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ALS Vial : 18 Sample Multiplier: 1

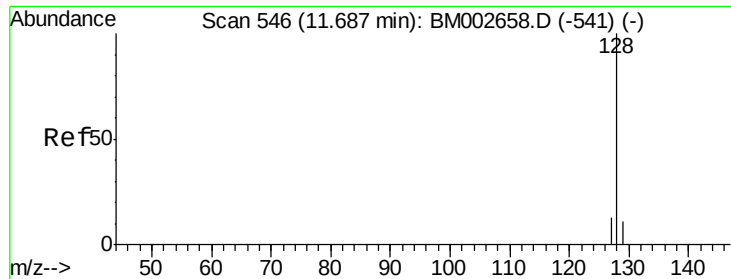
Instrument :
BNA_M
ClientSampled :
MDL-07-S

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Quant Time: Sep 04 04:52:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 04:35:12 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.06 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

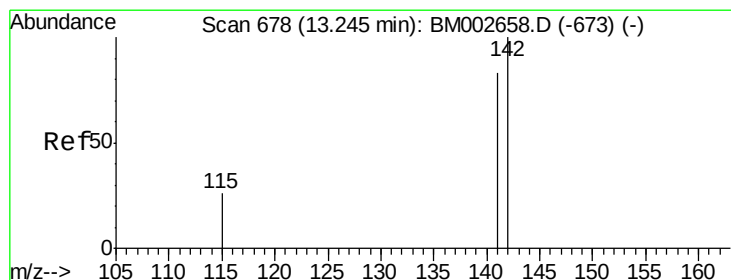
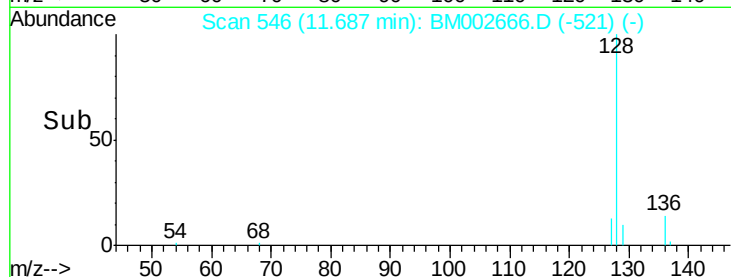
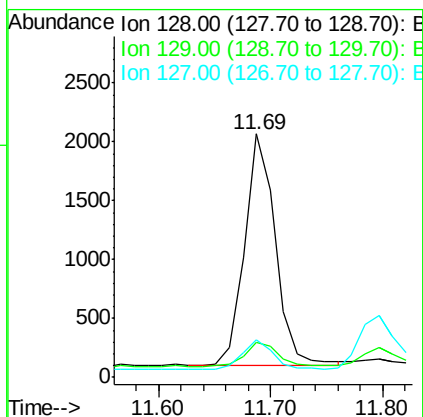
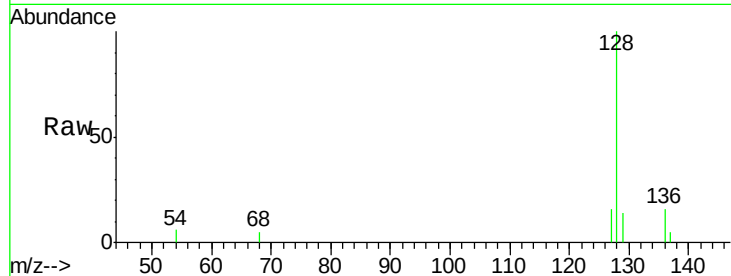
ClientSampleId :

MDL-07-S

Tgt Ion:	128	Resp:	3791
Ion Ratio	Lower	Upper	
128	100		
129	14.5	9.8	14.8
127	15.6	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

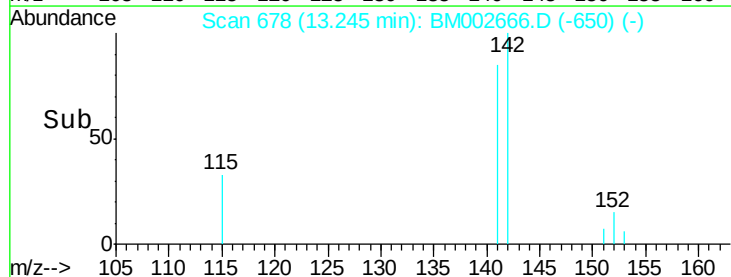
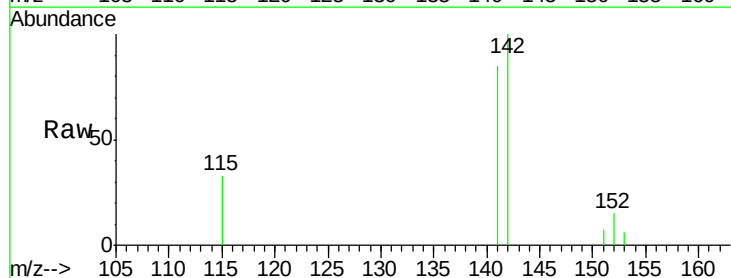
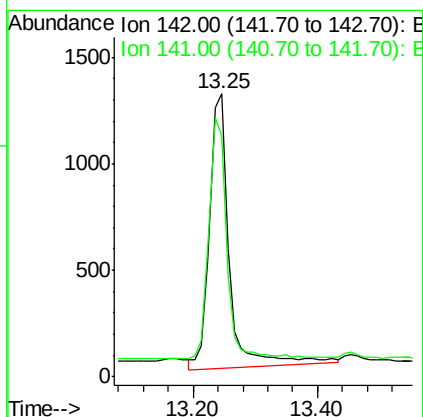
RT: 13.25 min Scan# 678

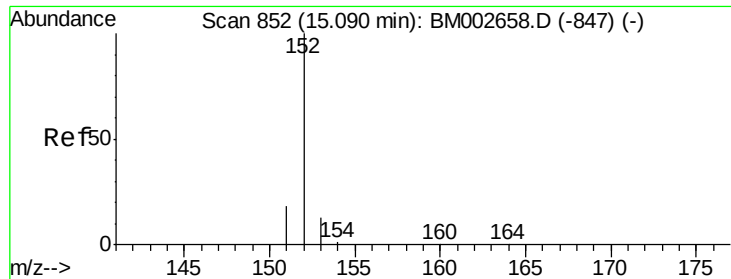
Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Tgt Ion:	142	Resp:	2812
Ion Ratio	Lower	Upper	
142	100		
141	98.3	70.3	105.5





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002666.D

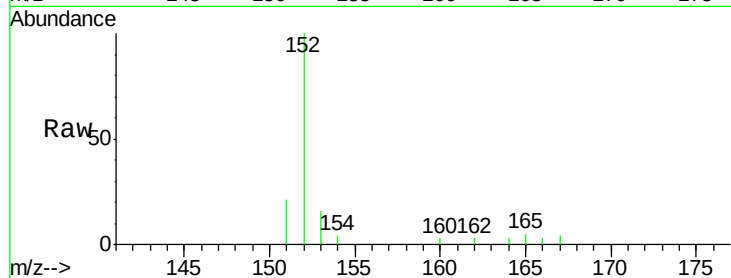
Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampled :

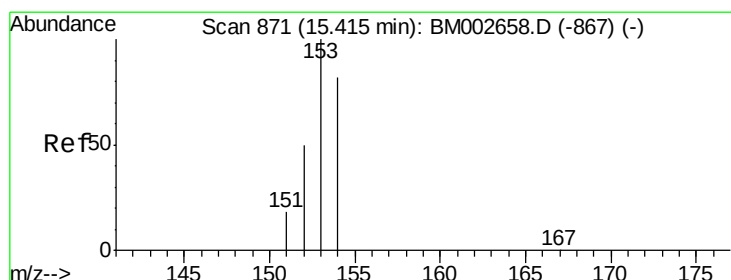
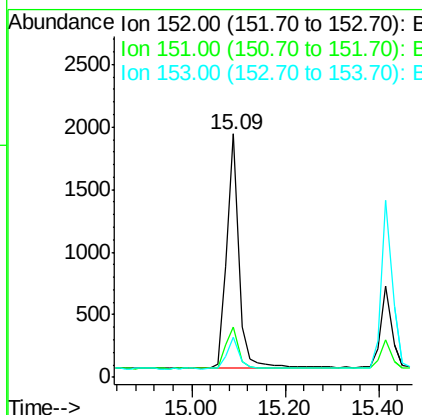
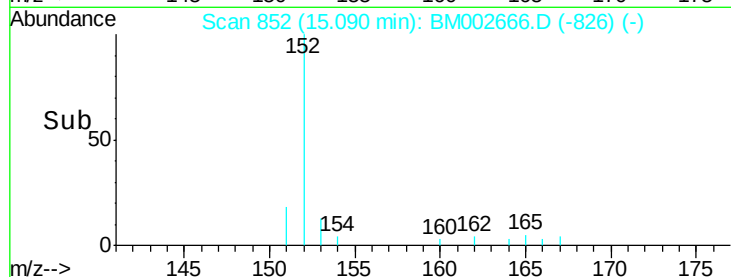
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Tgt Ion:	152	Resp:	3262
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	16.3	11.3	16.9

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#10

Acenaphthene

Concen: 0.06 ng/ul

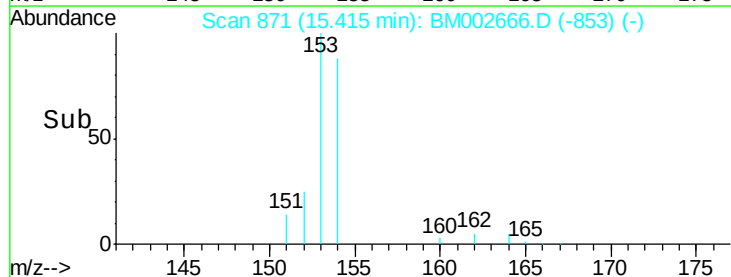
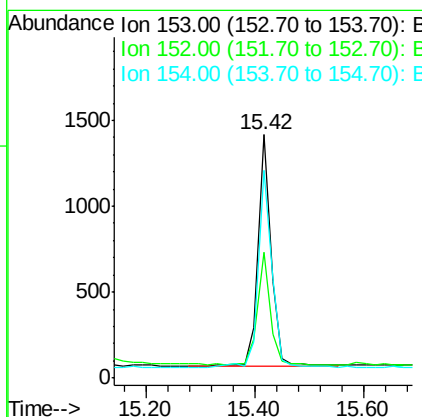
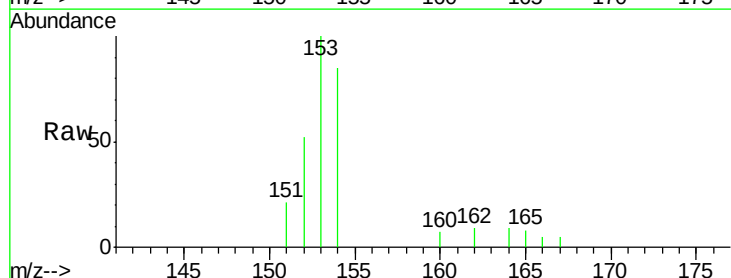
RT: 15.42 min Scan# 871

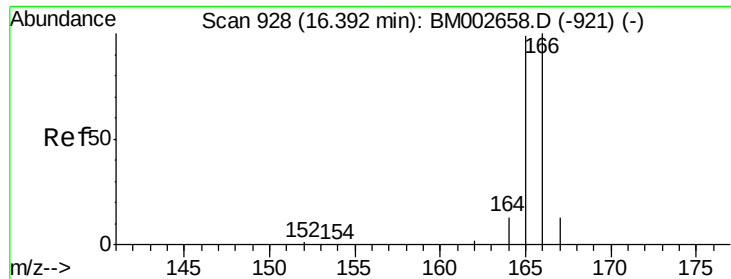
Delta R.T. -0.00 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Tgt Ion:	153	Resp:	2215
Ion Ratio	Lower	Upper	
153	100		
152	51.6	42.3	63.5
154	85.3	64.7	97.1





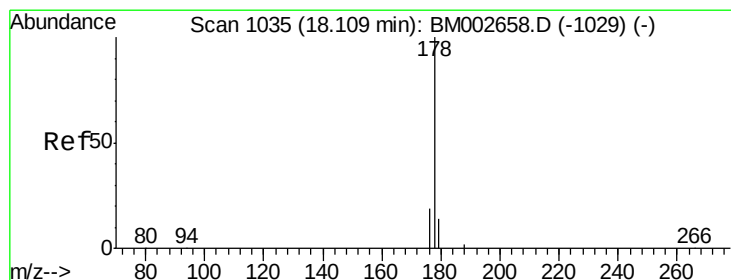
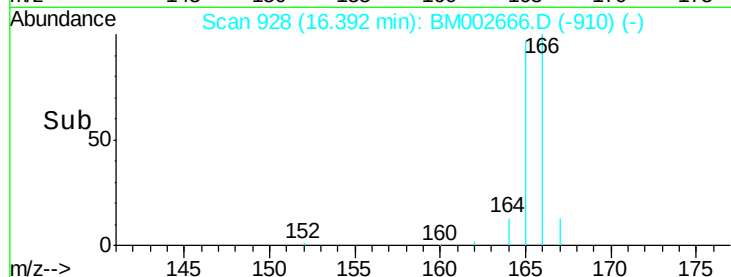
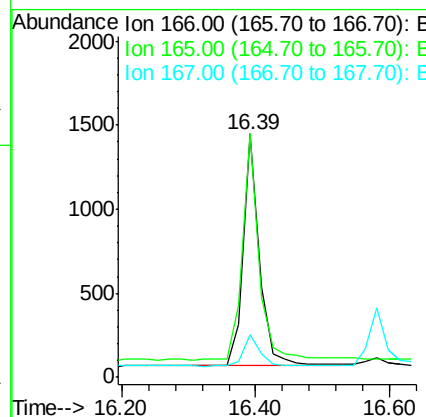
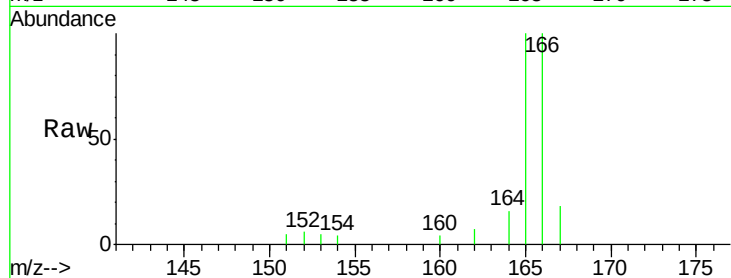
#11
Fluorene
Concen: 0.06 ng/ul
RT: 16.39 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2336		
165	100.1	87.6	131.4	
167	17.6	11.1	16.7#	

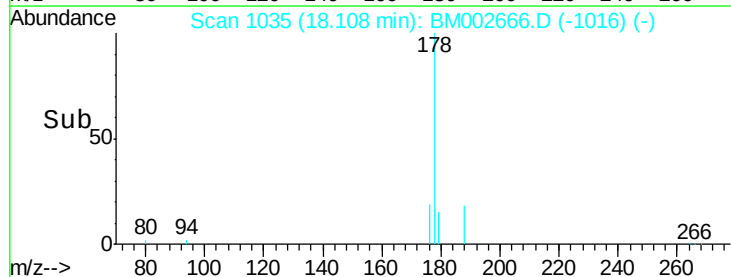
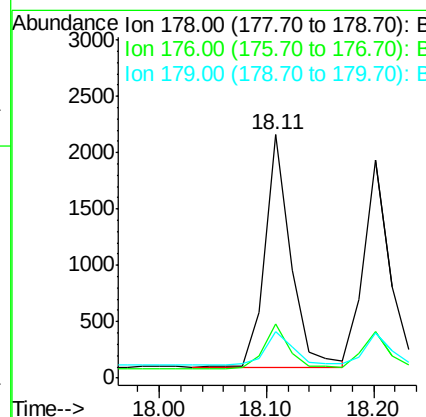
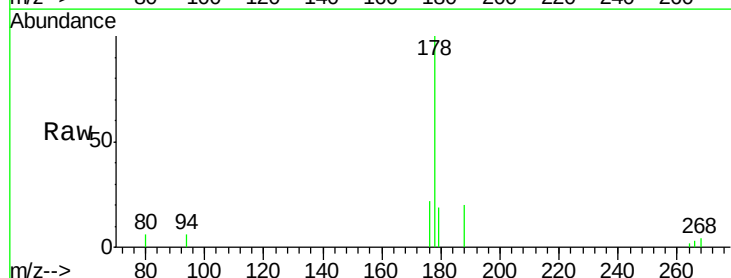
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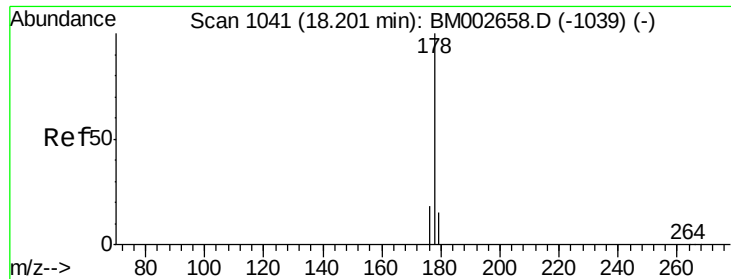
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#14
Phenanthrene
Concen: 0.06 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3413		
176	22.0	16.2	24.4	
179	19.2	12.8	19.2	





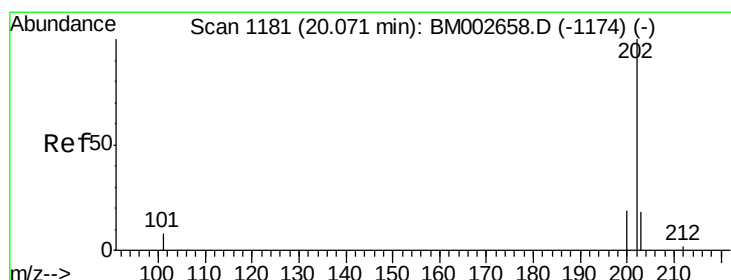
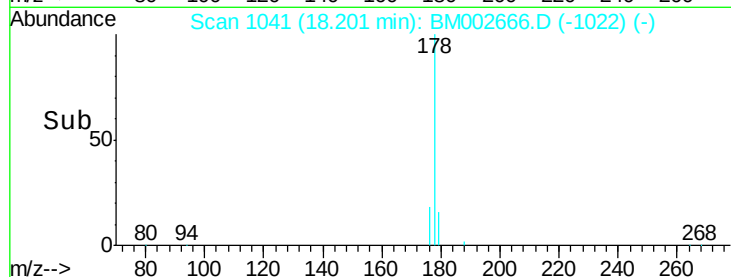
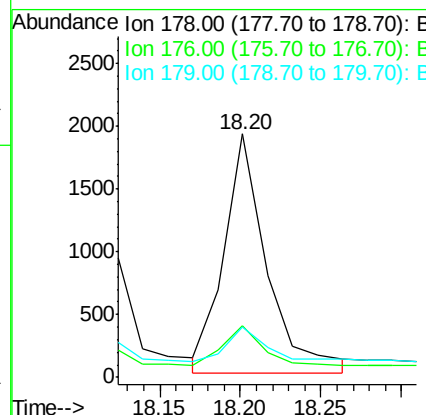
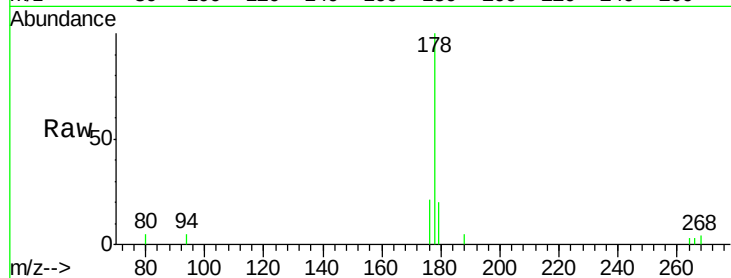
#15
 Anthracene
 Concen: 0.06 ng/ul m
 RT: 18.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	20.4	13.3	19.9

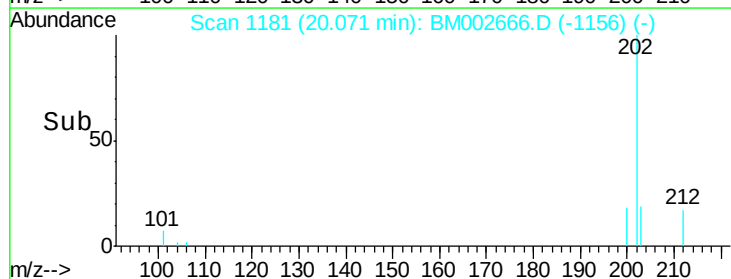
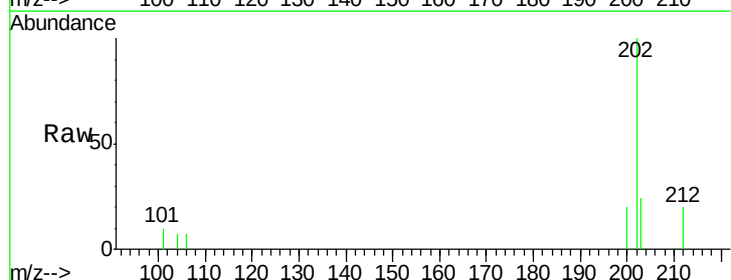
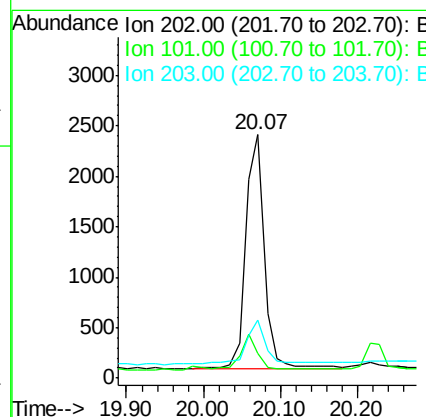
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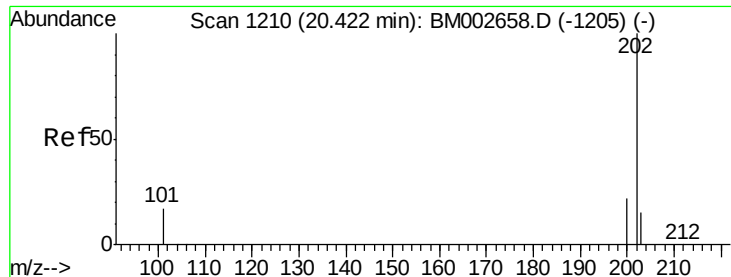
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#17
 Fluoranthene
 Concen: 0.07 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	24.0	0.0	37.2





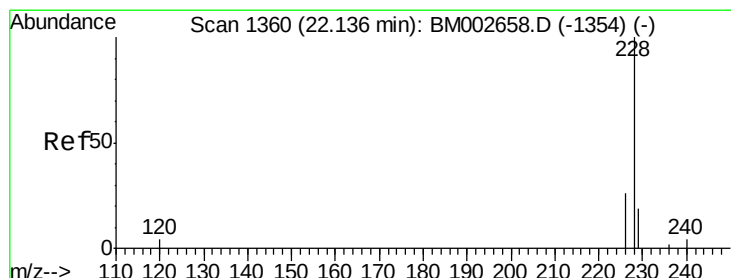
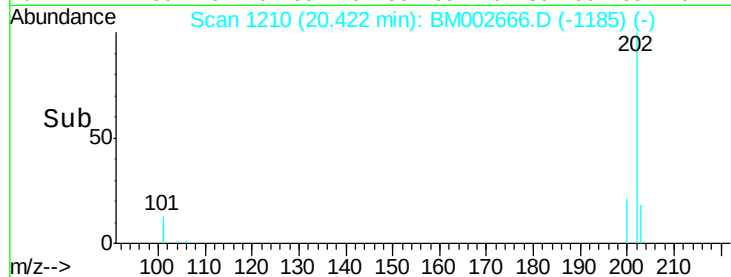
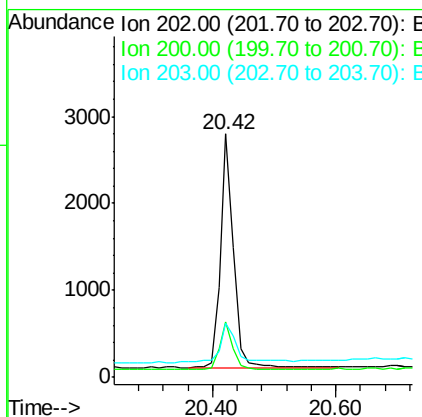
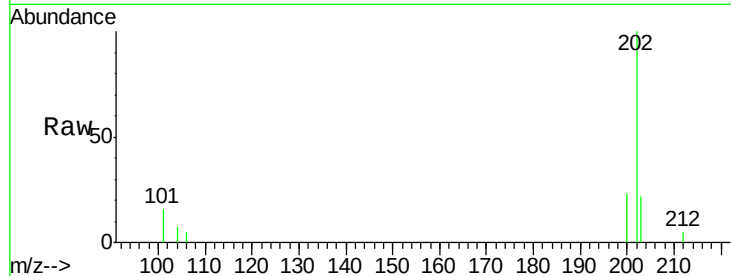
#19
 Pyrene
 Concen: 0.06 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3993		
200	22.8	18.0	27.0	
203	22.5	13.8	20.6	

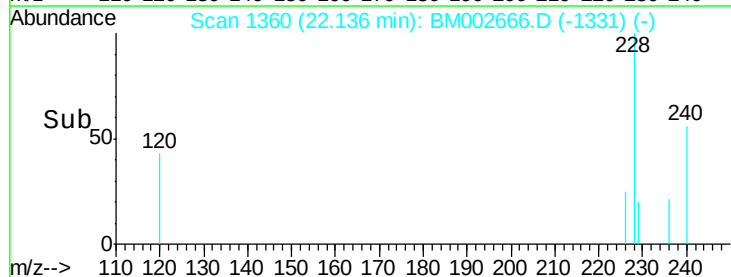
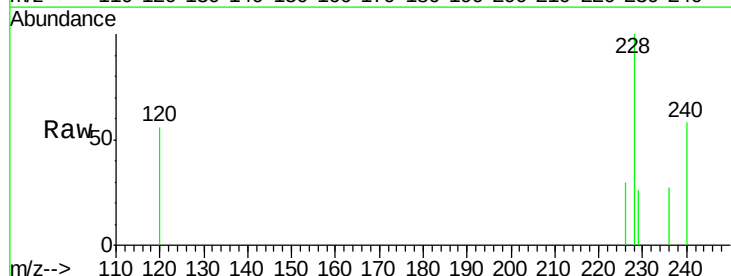
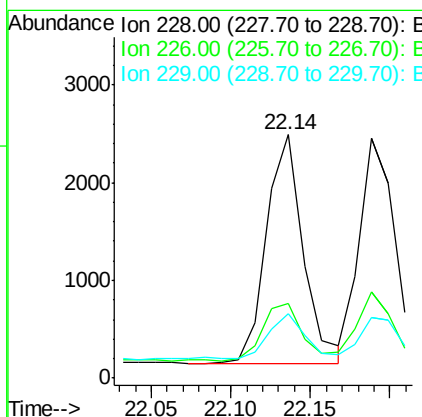
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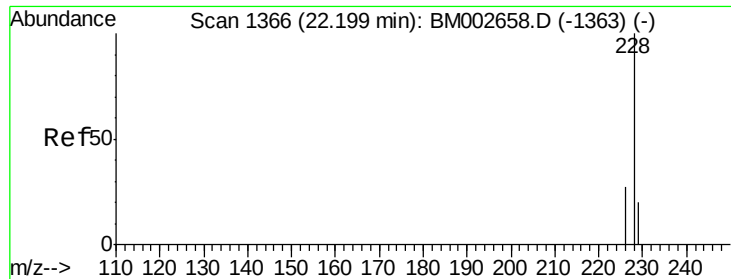
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#20
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 22.14 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BM002666.D
 Acq: 04 Sep 2015 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3741		
226	30.4	23.0	34.4	
229	26.2	15.2	22.8	





#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BM002666.D

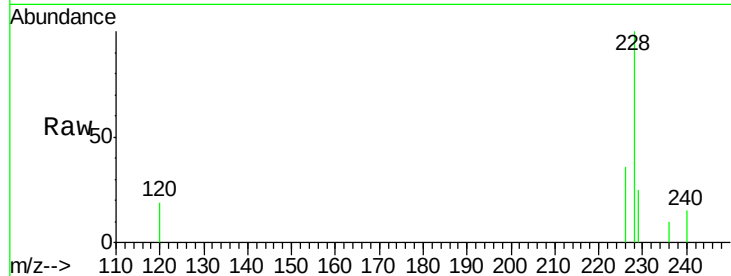
Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

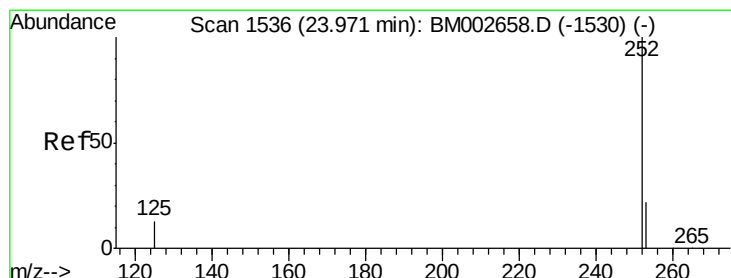
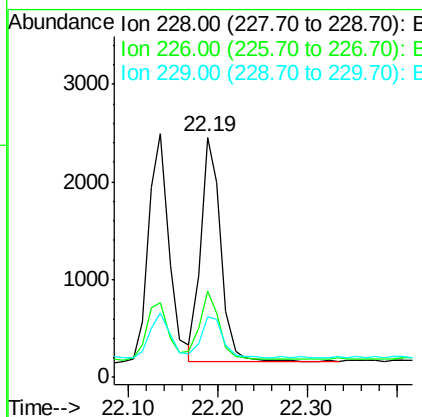
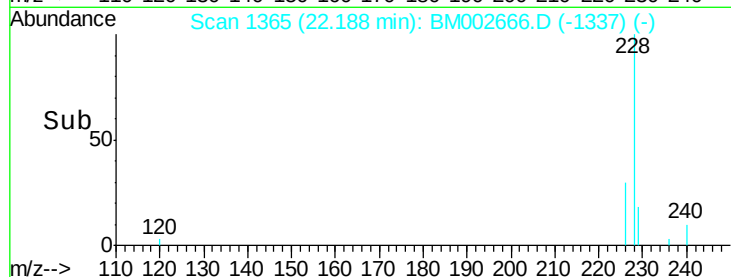
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Tgt Ion:	228	Resp:	3614
Ion Ratio	Lower	Upper	
228	100		
226	36.0	25.7	38.5
229	25.4	15.2	22.8#

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#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

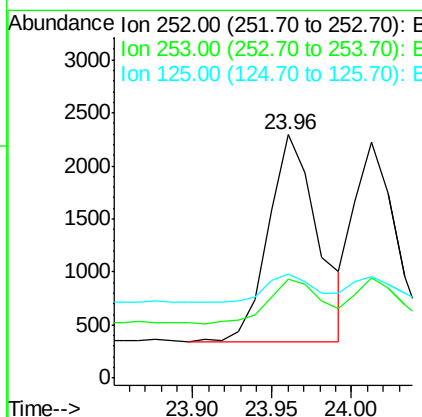
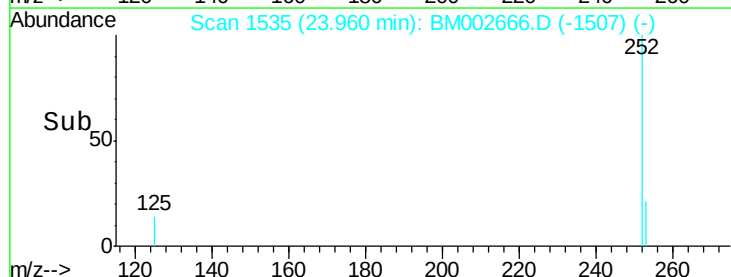
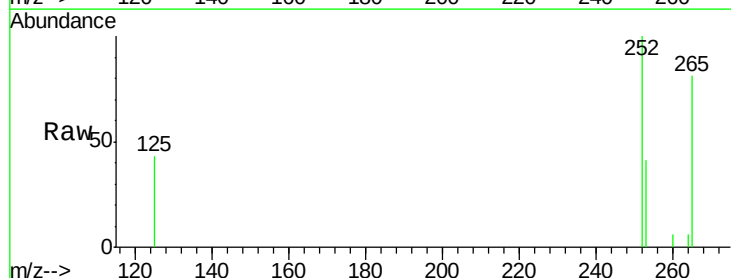
RT: 23.96 min Scan# 1535

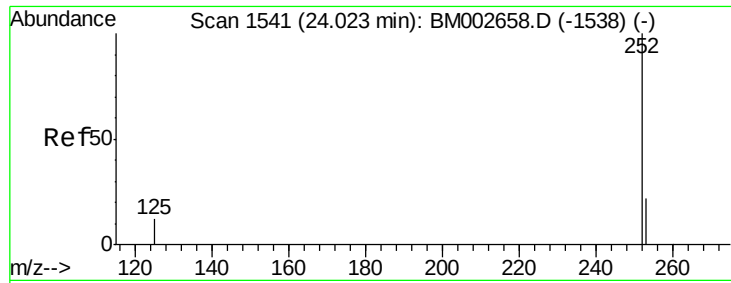
Delta R.T. -0.01 min

Lab File: BM002666.D

Acq: 04 Sep 2015 02:13

Tgt Ion:	252	Resp:	4225
Ion Ratio	Lower	Upper	
252	100		
253	40.7	0.0	48.0
125	42.6	0.0	36.6#





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 24.01 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BM002666.D

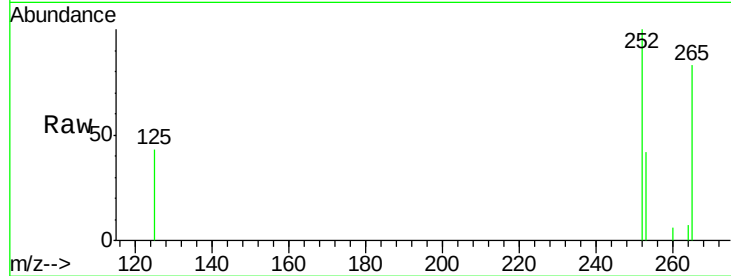
Acq: 04 Sep 2015 02:13

Instrument :

BNA_M

ClientSampleId :

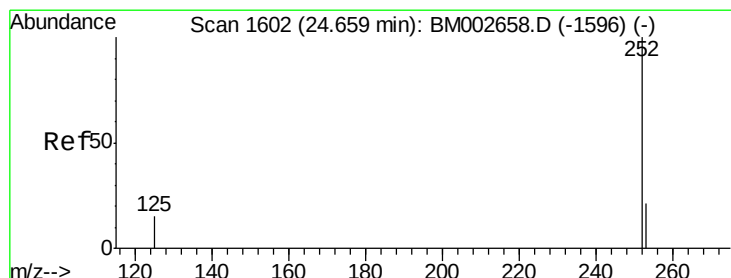
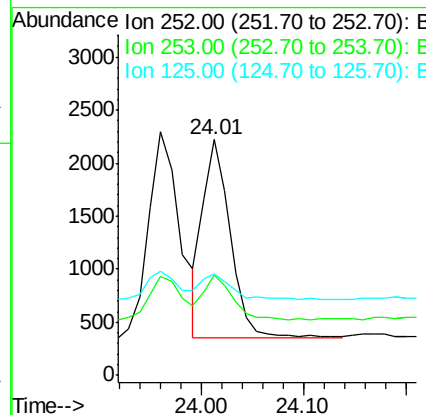
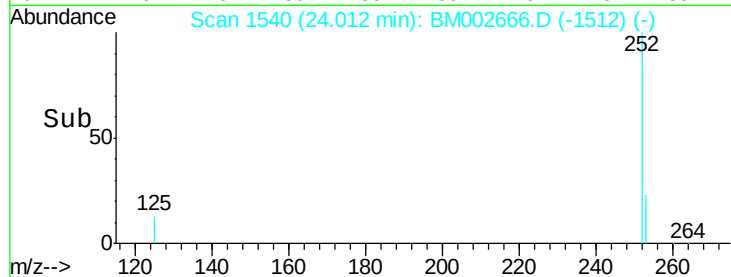
MDL-07-S



Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.3	20.8	31.2#
125	43.0	12.2	18.4#

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#25

Benzo(a)pyrene

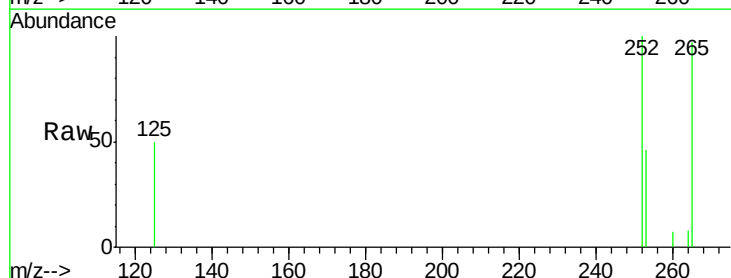
Concen: 0.06 ng/ul

RT: 24.66 min Scan# 1602

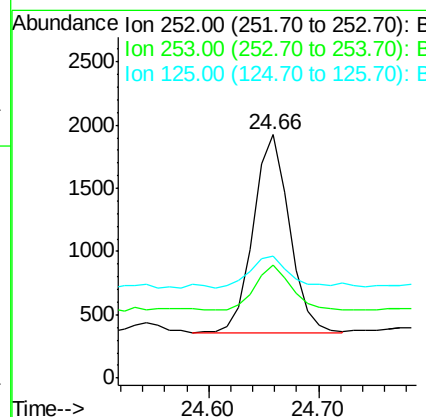
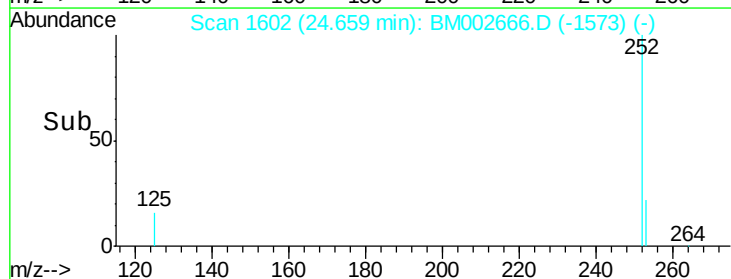
Delta R.T. -0.00 min

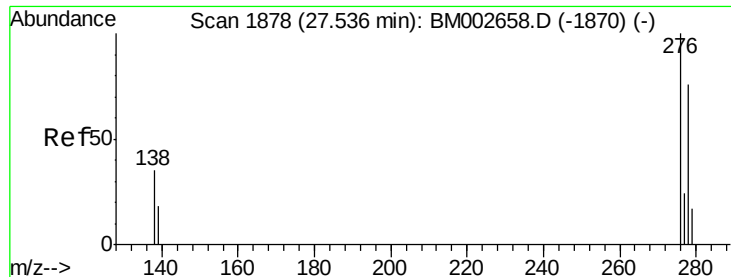
Lab File: BM002666.D

Acq: 04 Sep 2015 02:13



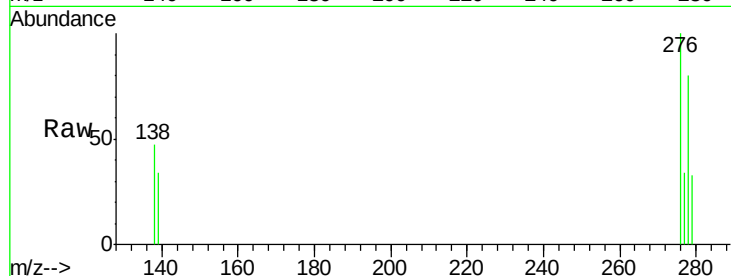
Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.3	21.8	32.8#
125	49.9	14.5	21.7#





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

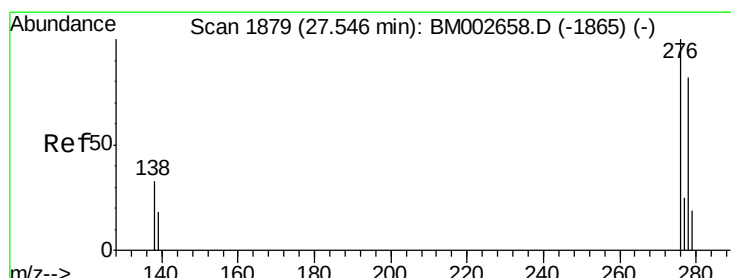
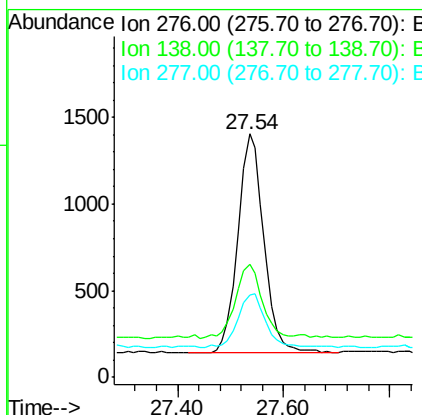
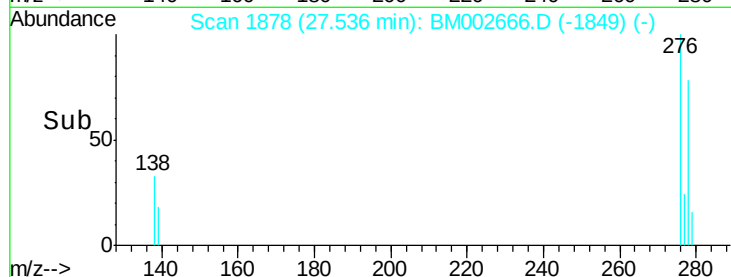
Instrument :
BNA_M
ClientSampleId :
MDL-07-S



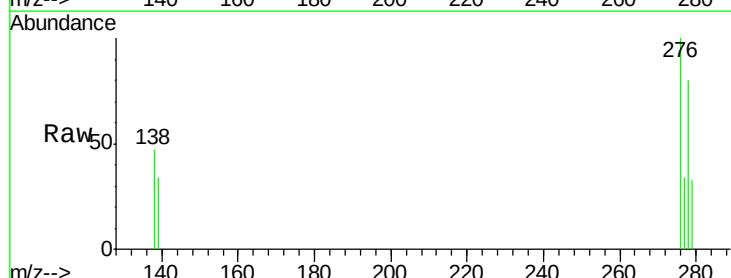
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	4286		
138	34.8	27.5	41.3	
277	26.5	19.3	28.9	

Manual Integrations
APPROVED

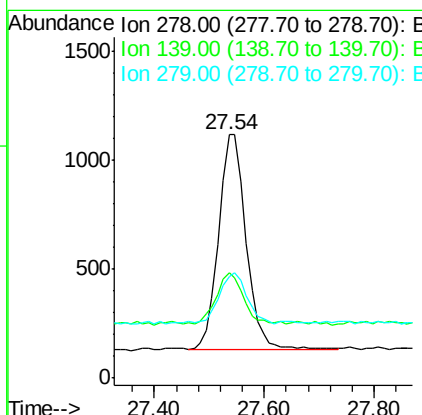
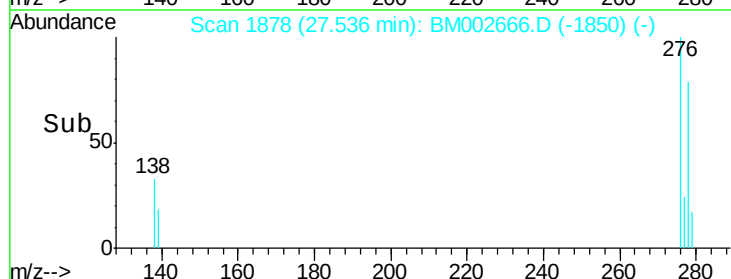
MMDadoda
9/4/2015 2:49:21 PM

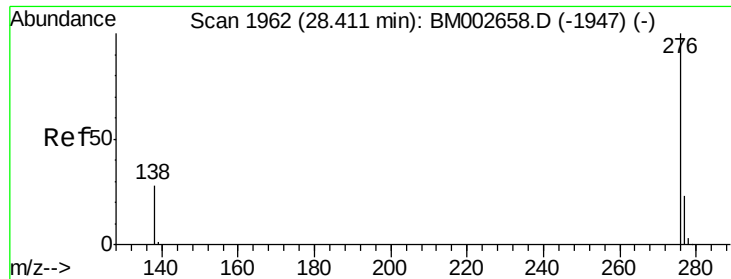


#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13



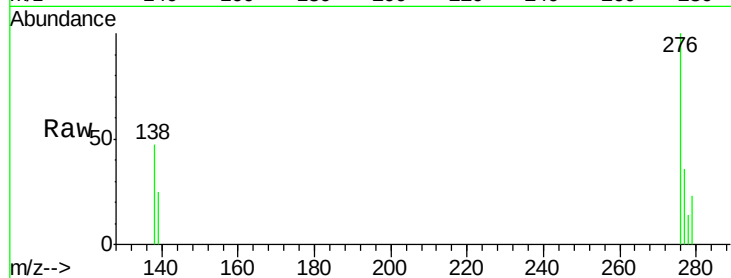
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3426		
139	43.1	21.7	32.5#	
279	41.8	21.9	32.9#	





#28
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM002666.D
Acq: 04 Sep 2015 02:13

Instrument :
BNA_M
ClientSampleId :
MDL-07-S



Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.3	21.3	31.9#
138	47.1	25.5	38.3#

Manual Integrations
APPROVED

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9/4/2015 2:49:21 PM

