

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
 Data File : BM001775.D
 Acq On : 22 Jun 2015 15:09
 Operator : TP/IZ
 Sample : PB84048TB
 Misc : 4 TIME INT STD
 ALS Vial : 7 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Manual Integrations
 APPROVED

apatel
 6/23/2015 3:35:16 PM

Quant Time: Jun 23 14:04:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	65566	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	233266	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	106096	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	239421	5.00	ng	0.00
25) Chrysene-d12	21.25	240	139705	5.00	ng	0.00
32) Perylene-d12	23.48	264	132624	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	528557	137.95	ng	0.00
5) Phenol-d6	6.83	99	671922	136.21	ng	0.00
7) Nitrobenzene-d5	8.83	82	407980	89.65	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	116382	140.51	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	729373	76.95	ng	0.00
27) Terphenyl-d14	19.70	244	413864	80.41	ng	0.00

Target Compounds Qvalue

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

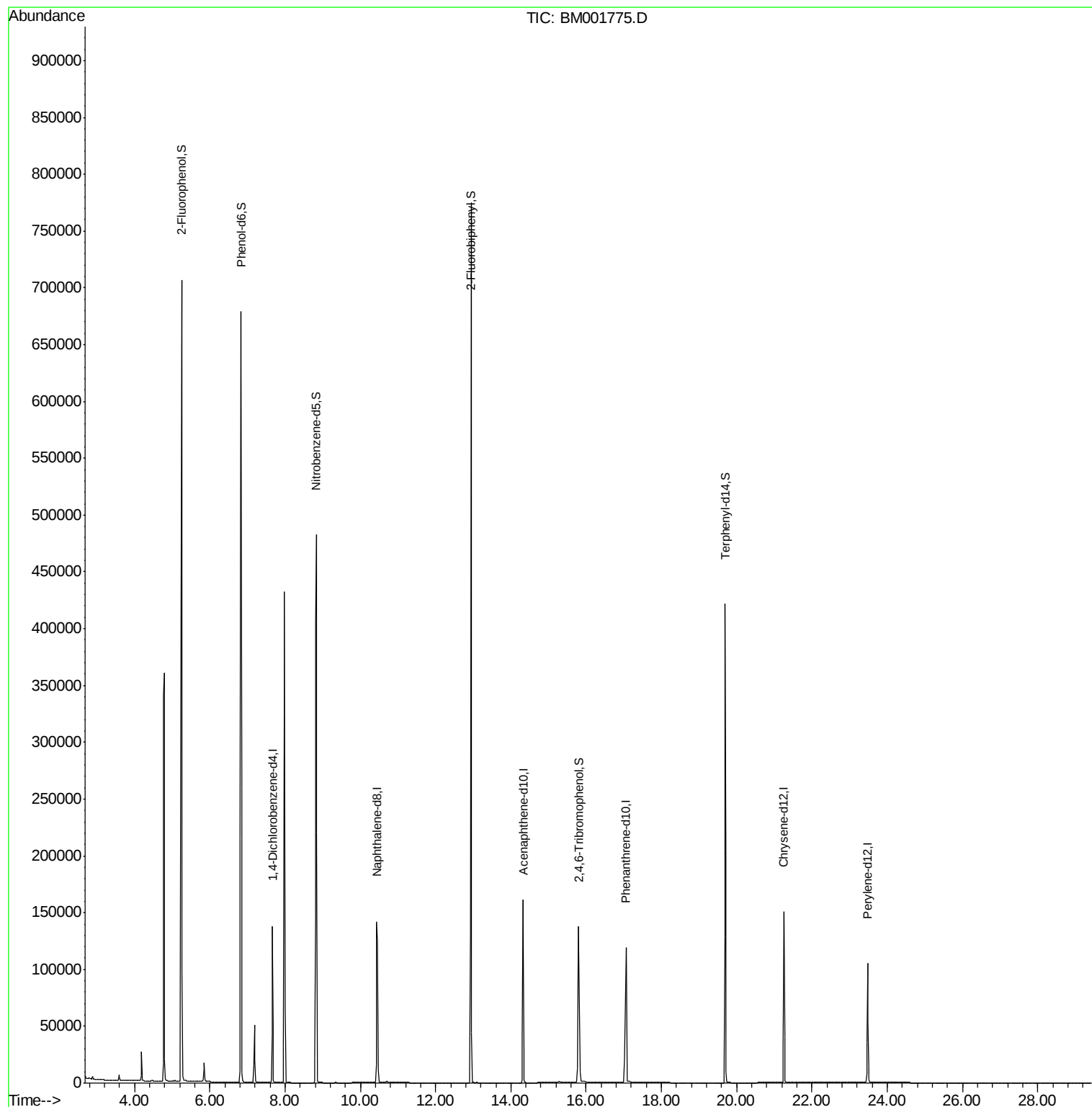
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
Data File : BM001775.D
Acq On : 22 Jun 2015 15:09
Operator : TP/IZ
Sample : PB84048TB
Misc : 4 TIME INT STD
ALS Vial : 7 Sample Multiplier: 4

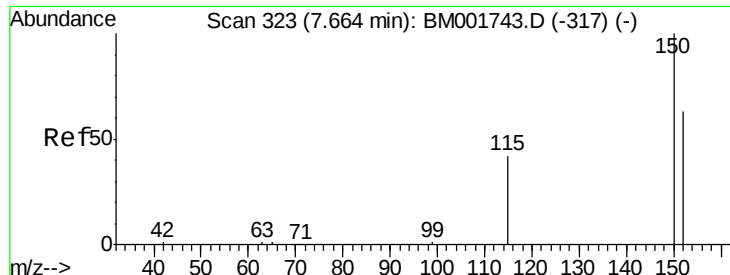
Instrument :
BNA_M
ClientSampleId :
PB84048TB

Manual Integrations
APPROVED

apatel
6/23/2015 3:35:16 PM

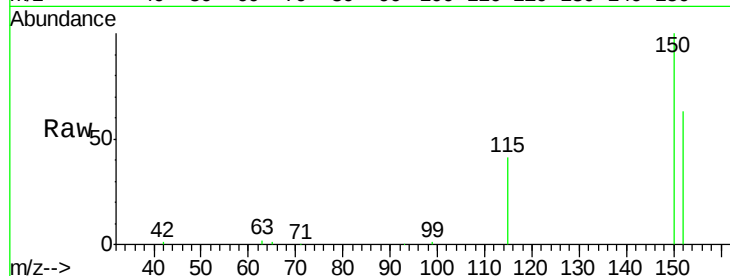
Quant Time: Jun 23 14:04:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

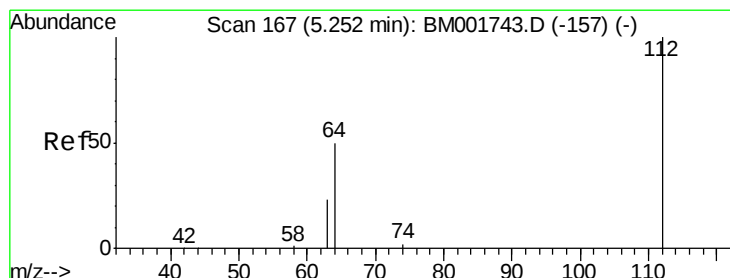
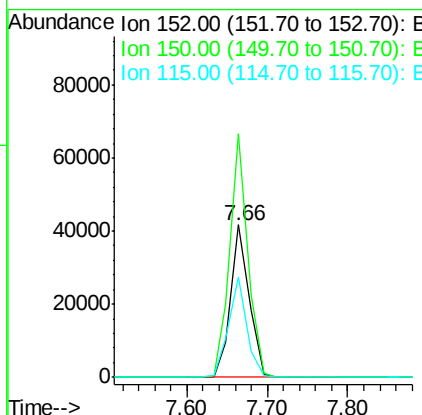
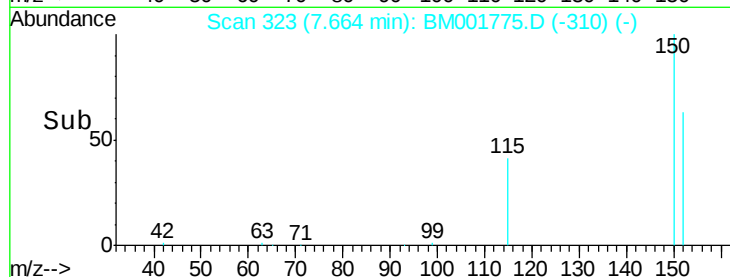
Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.5	191.3
115	65.5	53.2	79.8

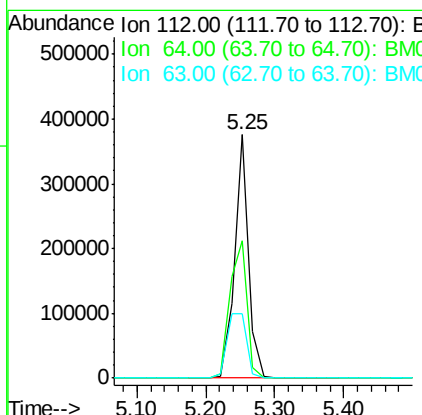
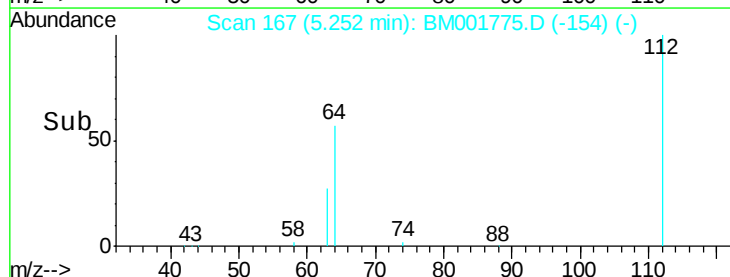
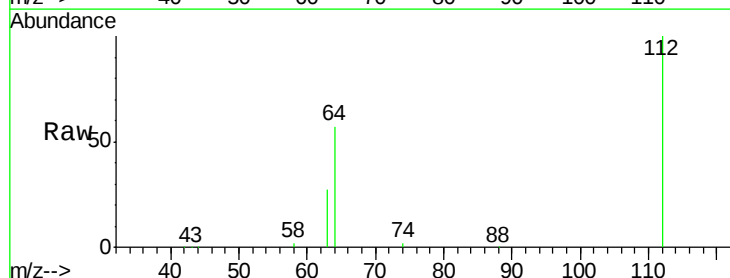
Manual Integrations
 APPROVED

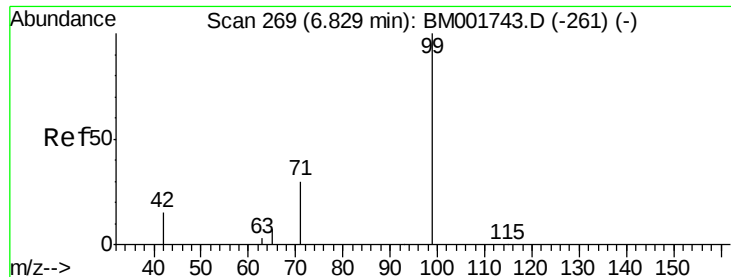
apatel
 6/23/2015 3:35:16 PM



#4
 2-Fluorophenol
 Concen: 137.95 ng
 RT: 5.25 min Scan# 167
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.6	83.4
63	37.4	30.2	45.2





#5

Phenol-d6

Concen: 136.21 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

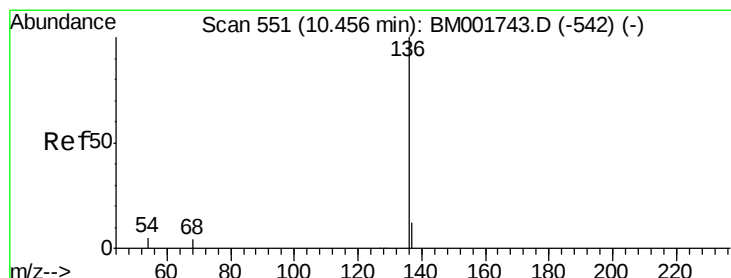
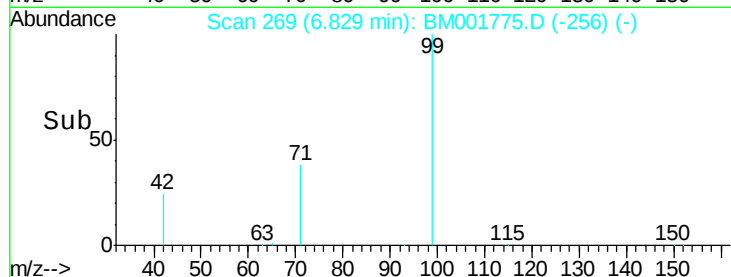
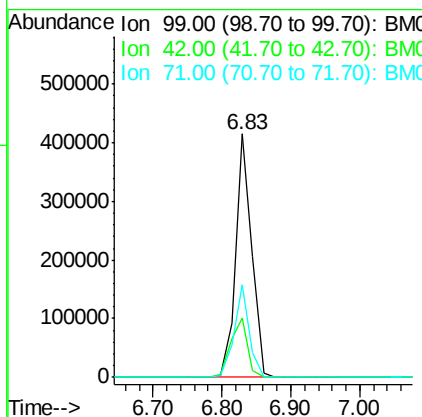
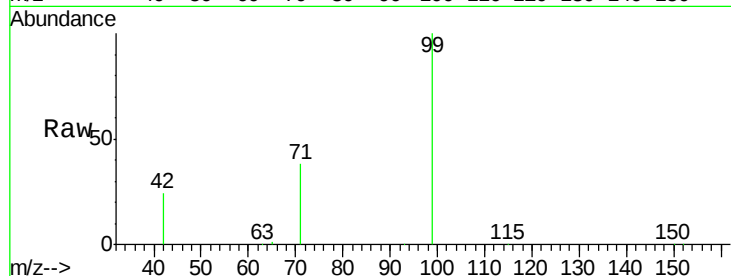
ClientSampleId :

PB84048TB

Tgt Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.0
71	35.5	28.3	42.5

Manual Integrations
APPROVED

apatel
6/23/2015 3:35:16 PM



#6

Naphthalene-d8

Concen: 5.00 ng

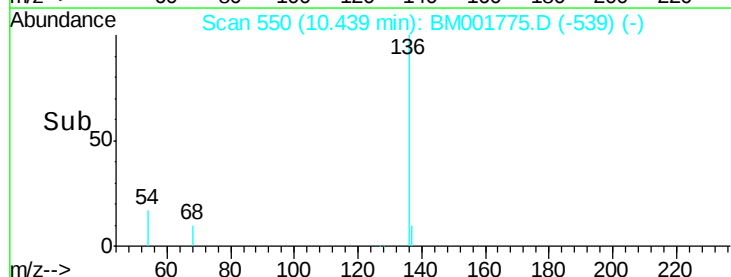
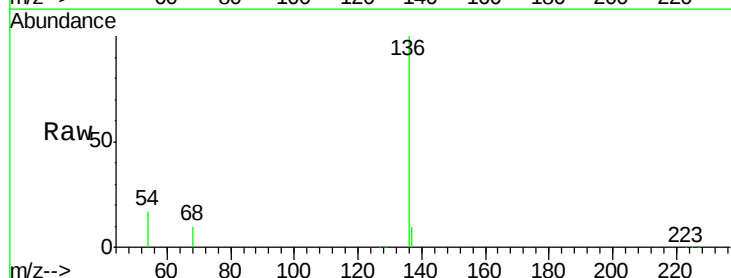
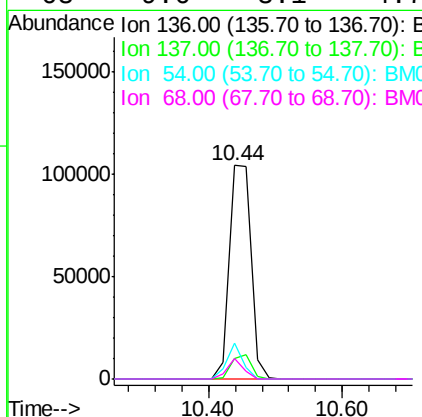
RT: 10.44 min Scan# 550

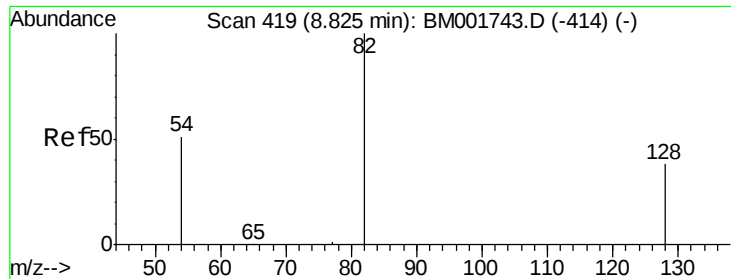
Delta R.T. -0.02 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.4	14.0
54	16.7	4.4	6.6#
68	9.6	3.1	4.7#





#7

Nitrobenzene-d5

Concen: 89.65 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001775.D

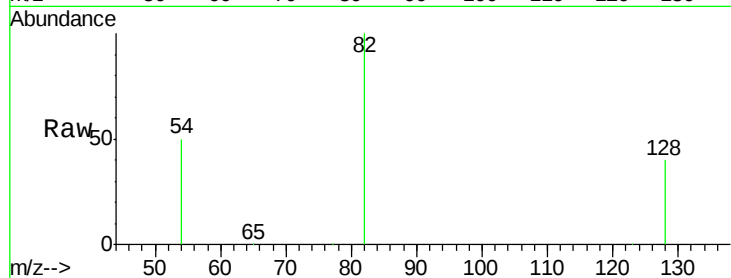
Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB



Tgt Ion: 82 Resp: 407980

Ion Ratio Lower Upper

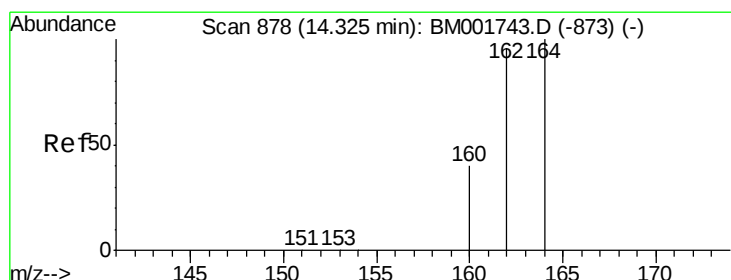
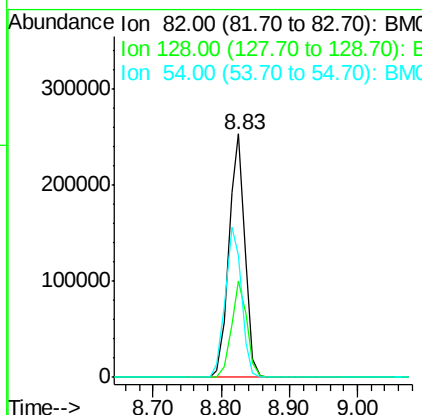
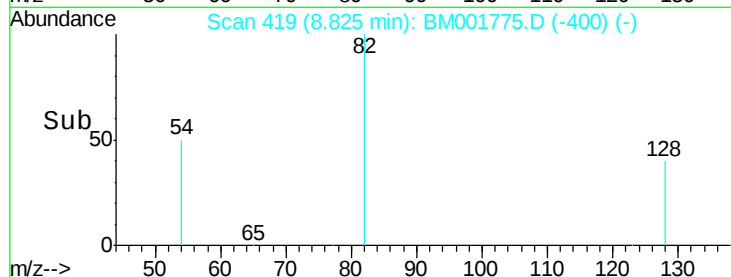
82 100

128 39.6 31.3 46.9

54 50.2 41.9 62.9

Manual Integrations
APPROVED

apatel
6/23/2015 3:35:16 PM



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

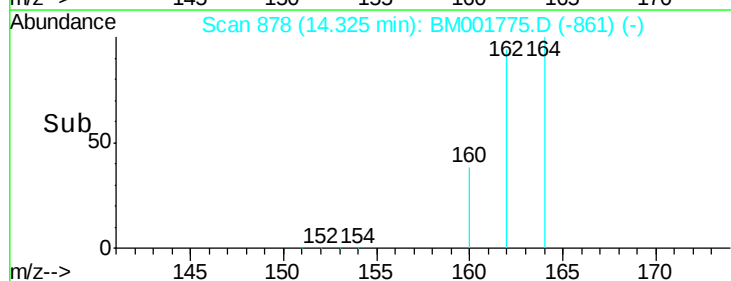
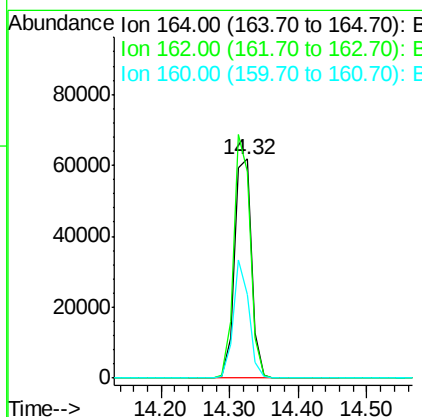
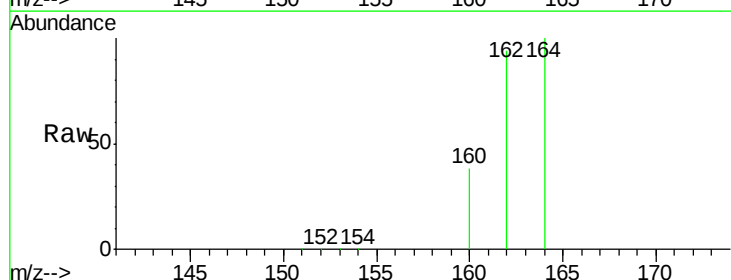
Tgt Ion: 164 Resp: 106096

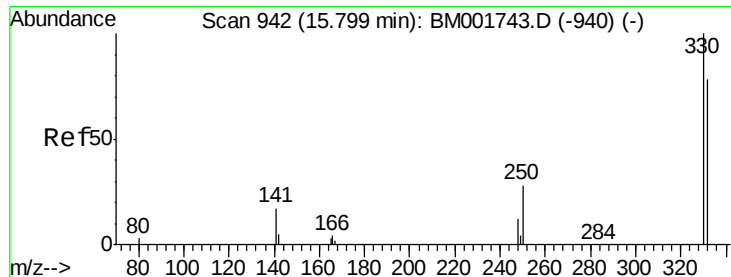
Ion Ratio Lower Upper

164 100

162 94.2 76.6 114.8

160 38.0 31.8 47.8





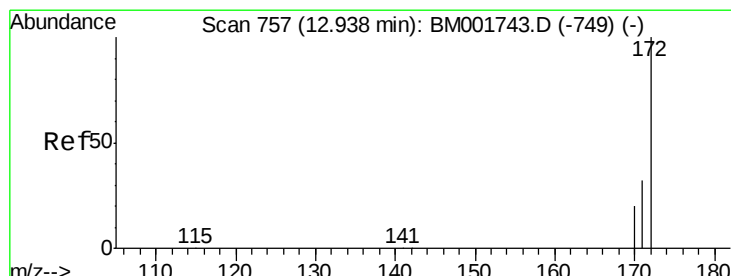
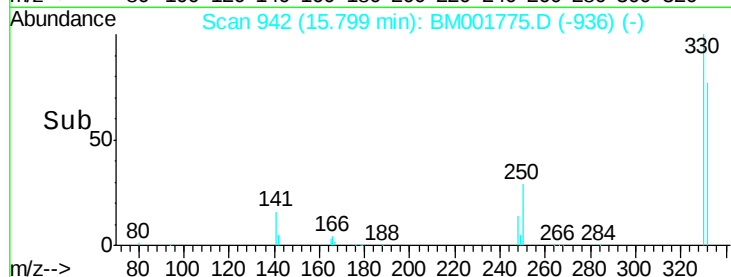
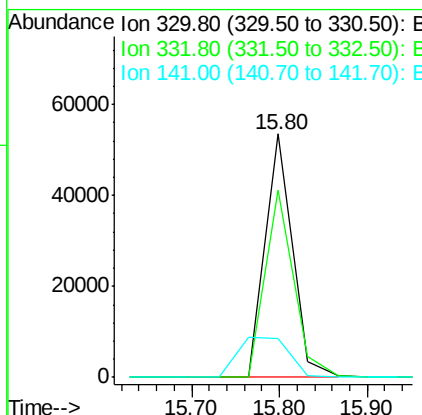
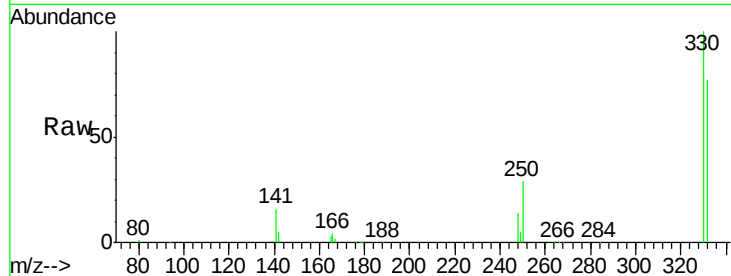
#13
 2,4,6-Tribromophenol
 Concen: 140.51 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	116382		
332	80.4	65.8	98.8	
141	0.0	0.0	0.0	

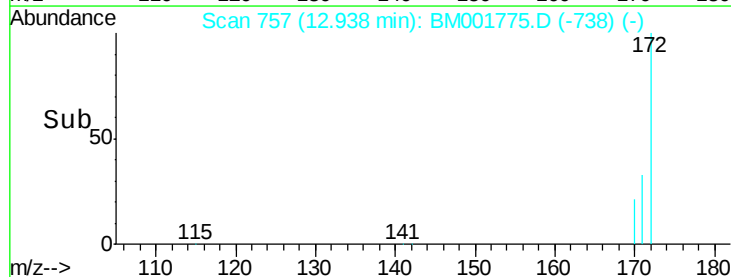
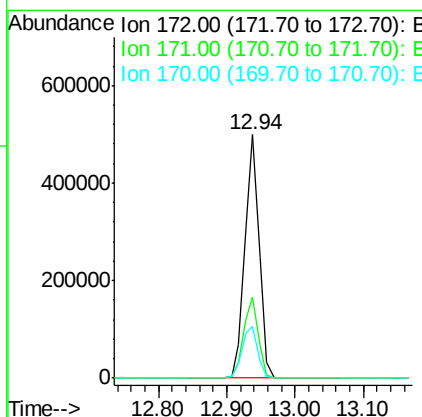
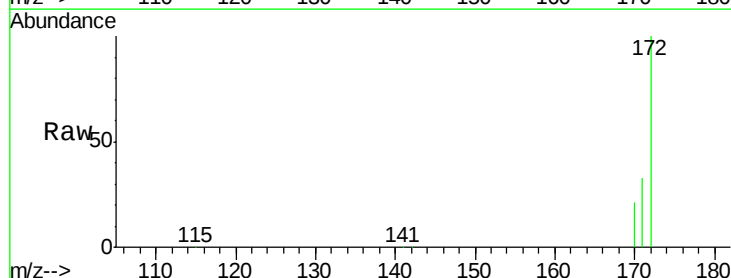
Manual Integrations
 APPROVED

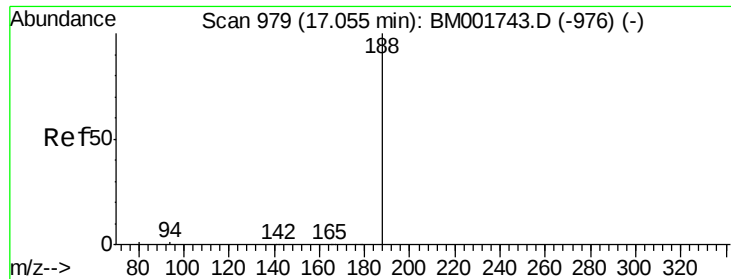
apatel
 6/23/2015 3:35:16 PM



#14
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	729373		
171	33.3	26.2	39.2	
170	21.4	16.6	24.8	





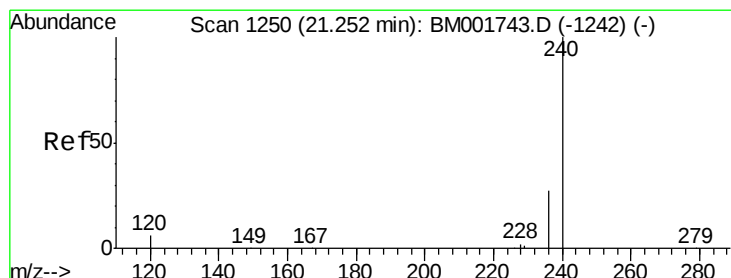
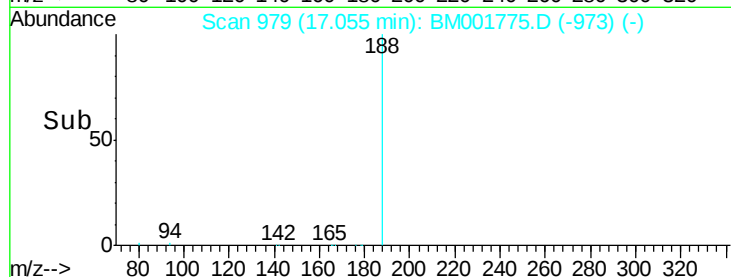
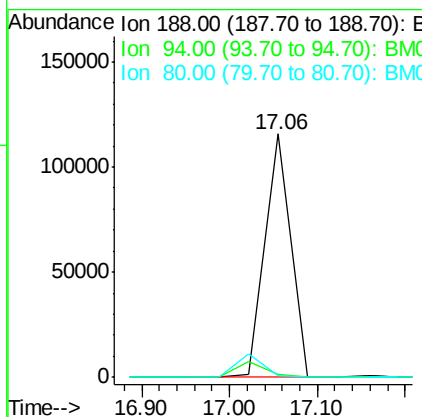
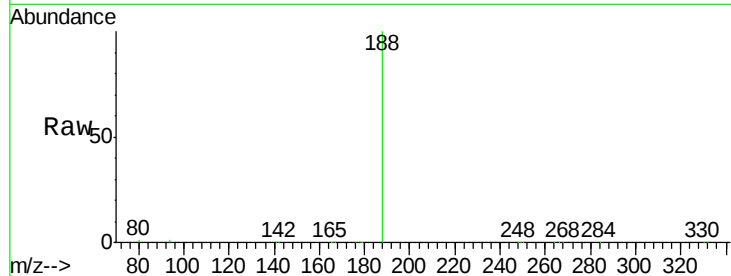
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Instrument :
BNA_M
ClientSampleId :
PB84048TB

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	1.1	1.3	1.9#
80	0.9	1.0	1.6#

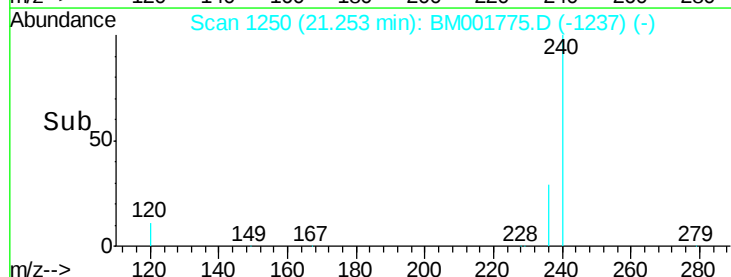
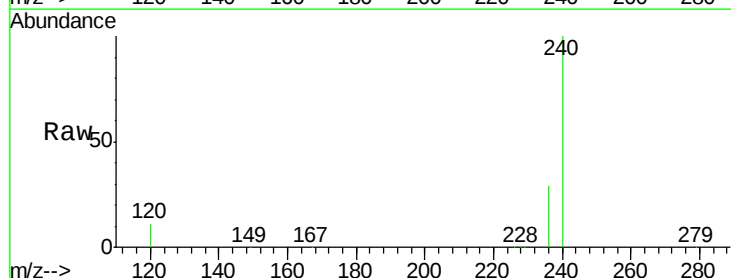
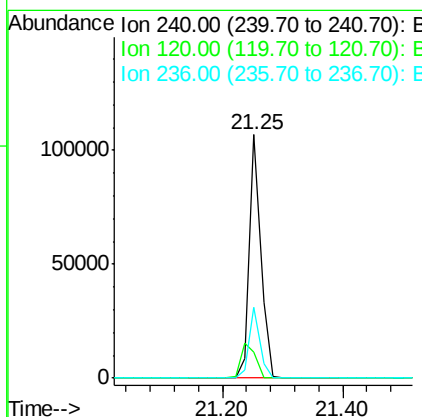
Manual Integrations
APPROVED

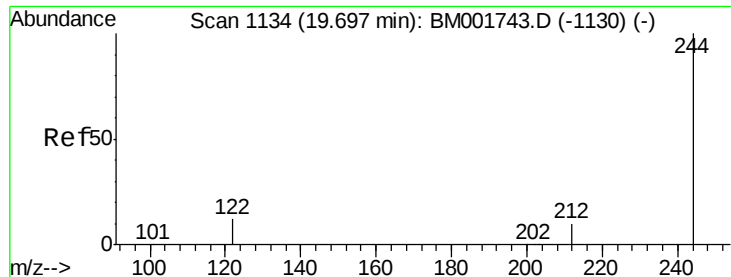
apatel
6/23/2015 3:35:16 PM



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.9	4.7	7.1#
236	29.1	21.6	32.4





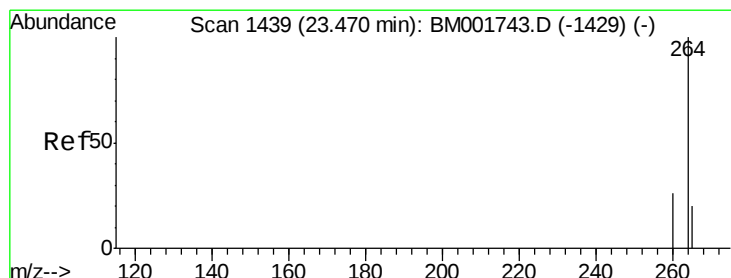
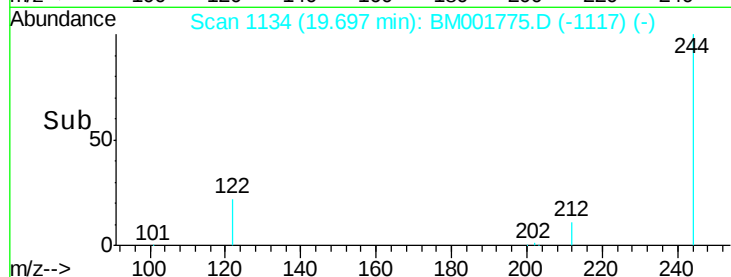
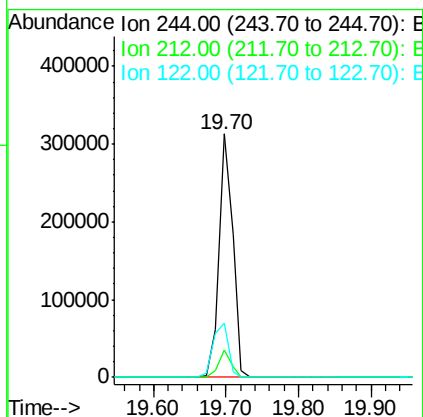
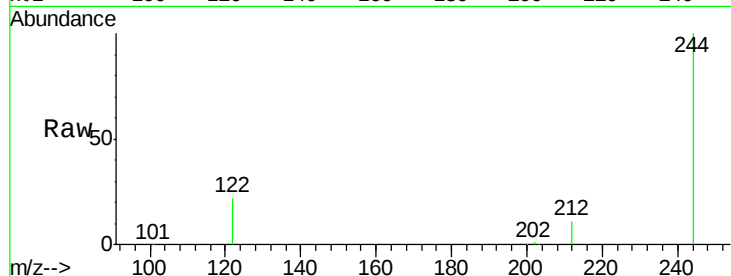
#27
 Terphenyl-d14
 Concen: 80.41 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	413864		
212	11.2	8.6	13.0	
122	22.4	10.6	15.8	

Manual Integrations
 APPROVED

apatel
 6/23/2015 3:35:16 PM



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.48 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	132624		
260	24.3	20.8	31.2	
265	21.6	16.8	25.2	

