

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000941.D
 Acq On : 10 Apr 2015 16:14
 Operator : TP/IZ
 Sample : PB82531BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:23:33 PM

Quant Time: Apr 10 23:33:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 23:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	29379	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	110362	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	48565	5.00	ng	-0.01
24) Phenanthrene-d10	16.99	188	110397	5.00	ng	-0.01
30) Chrysene-d12	21.20	240	102451	5.00	ng	0.00
38) Perylene-d12	23.39	264	91160	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	68444	11.01	ng	0.00
5) Phenol-d6	6.78	99	88176	11.85	ng	0.00
9) Nitrobenzene-d5	8.76	82	49589	9.31	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	33123	16.32	ng	-0.01
19) 2-Fluorobiphenyl	12.88	172	143293	10.53	ng	0.00
33) Terphenyl-d14	19.66	244	116956	9.38	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	18130	7.32	ng	90
3) n-Nitrosodimethylamine	3.41	42	22629	7.93	ng	# 53
6) Phenol	6.80	94	58491	7.64	ng	# 45
7) bis(2-Chloroethyl)ether	7.02	93	52707	7.86	ng	# 1
10) Nitrobenzene	8.80	77	55302	7.07	ng	94
11) 2,4-Dimethylphenol	9.56	122	45705	7.52	ng	93
12) 2,4-Dichlorophenol	10.03	162	42535	7.93	ng	85
13) Naphthalene	10.44	128	160514	7.21	ng	99
14) Hexachlorobutadiene	10.74	225	28729	7.06	ng	98
15) 2-Methylnaphthalene	12.06	142	114216	7.51	ng	98
16) 1-Methylnaphthalene	12.28	142	104366	6.81	ng	87
20) Acenaphthylene	13.96	152	230317	11.44	ng	99
21) Acenaphthene	14.32	154	118998	8.88	ng	98
22) 2,4-Dinitrophenol	14.37	184	14496m	10.62	ng	
23) Fluorene	15.32	166	130123	8.34	ng	99
25) Hexachlorobenzene	16.32	284	51770	8.67	ng	95
26) Pentachlorophenol	16.67	266	43825	18.37	ng	97
27) Phenanthrene	17.04	178	239976	8.41	ng	99
28) Anthracene	17.14	178	229942	8.80	ng	99
29) Fluoranthene	19.07	202	267864	8.98	ng	99
31) Benzidine	19.26	184	184162	13.08	ng	95
32) Pyrene	19.43	202	284648	8.55	ng	99
34) Benzo(a)anthracene	21.18	228	262080	8.87	ng	98
35) 3,3'-Dichlorobenzidine	21.12	252	80276	6.97	ng	96
36) Chrysene	21.23	228	234378	7.75	ng	97
37) Indeno(1,2,3-cd)pyrene	25.56	276	250832	8.13	ng	100
39) Benzo(b)fluoranthene	22.73	252	255867	8.97	ng	96
40) Benzo(k)fluoranthene	22.77	252	221619	8.07	ng	96
41) Benzo(a)pyrene	23.28	252	225948	8.99	ng	97
42) Dibenzo(a,h)anthracene	25.58	278	201311	8.64	ng	98
43) Benzo(g,h,i)perylene	26.22	276	215768	8.39	ng	97

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

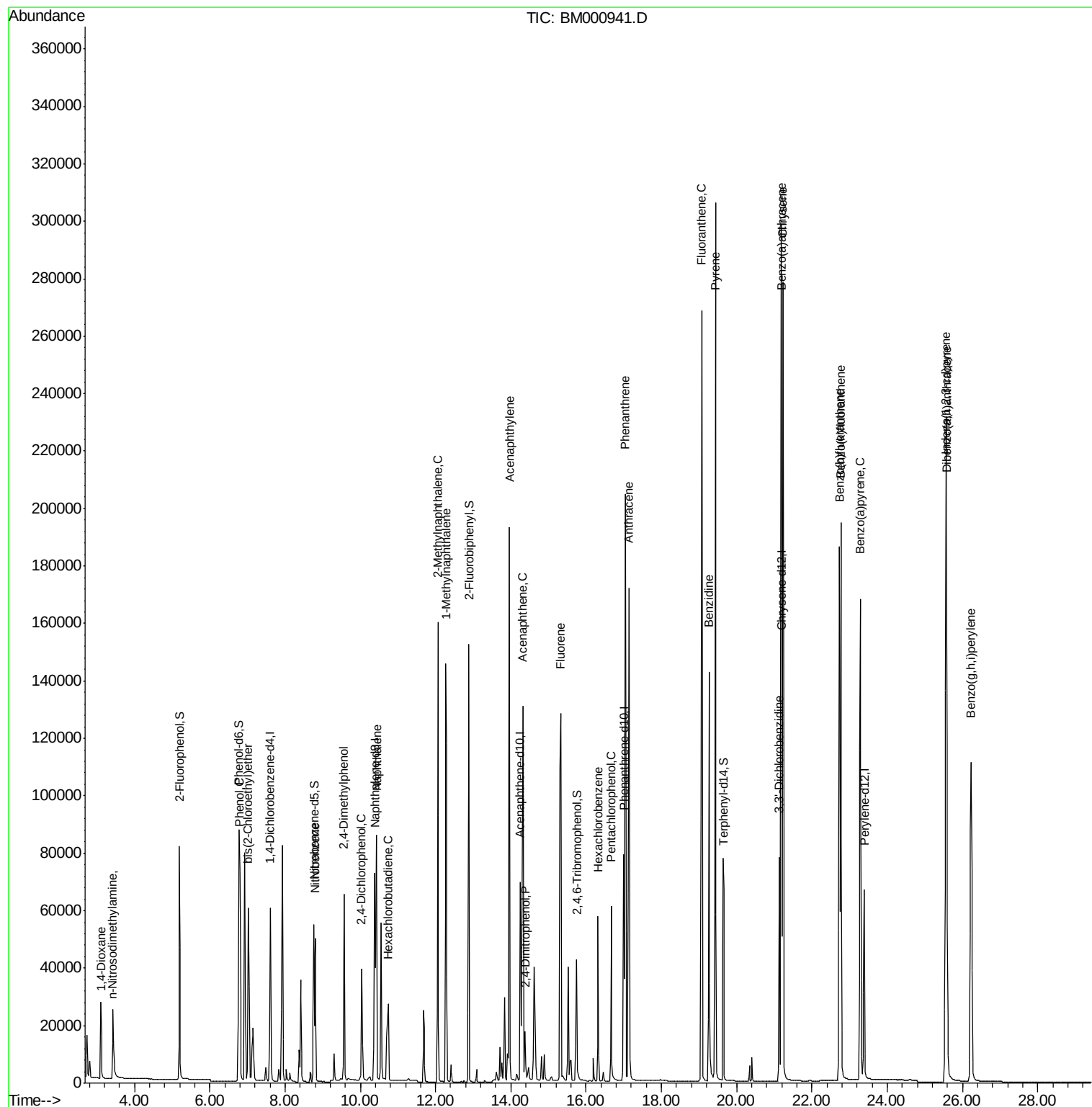
Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000941.D
Acq On : 10 Apr 2015 16:14
Operator : TP/IZ
Sample : PB82531BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

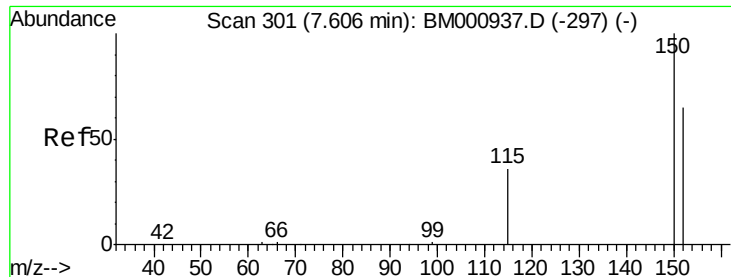
Instrument :
BNA_M
ClientSampleId :
PB82531BS

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM

Quant Time: Apr 10 23:33:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 23:03:27 2015
Response via : Initial Calibration

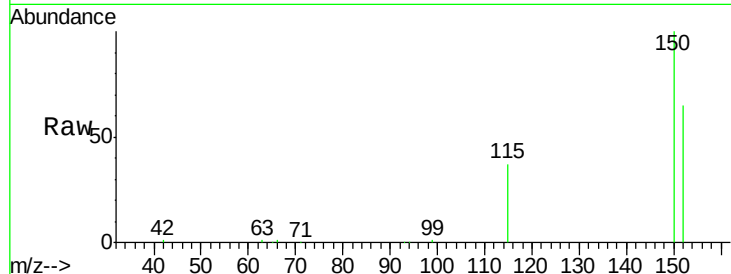




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

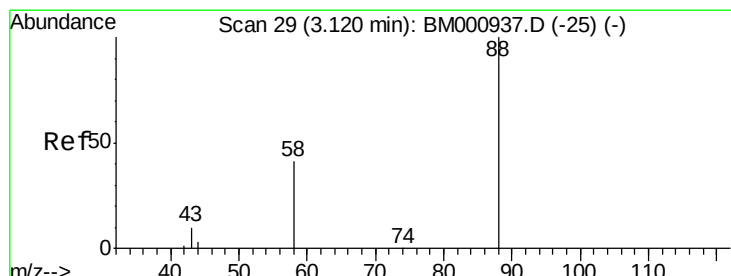
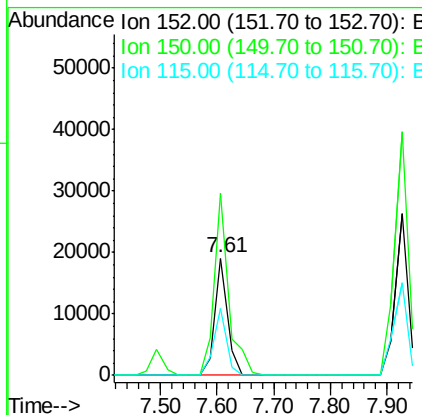
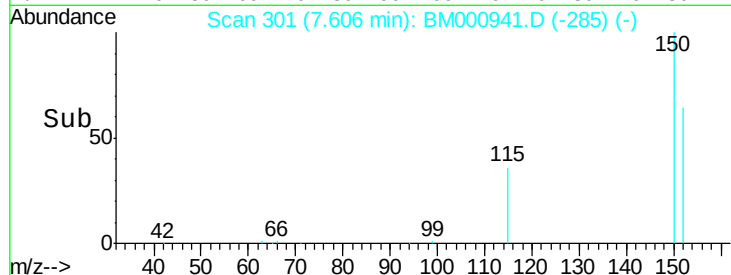
Instrument :
BNA_M
ClientSampled :
PB82531BS



Tgt Ion: 152 Resp: 29379
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.2
115 56.8 45.9 68.9

Manual Integrations
APPROVED

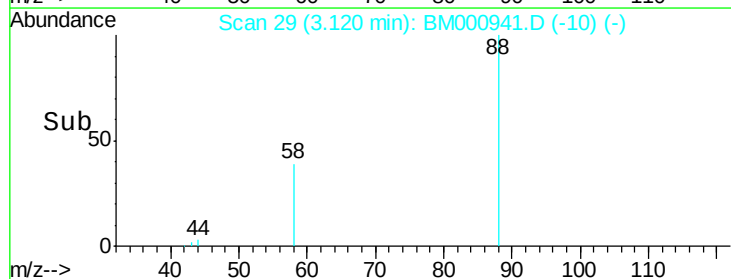
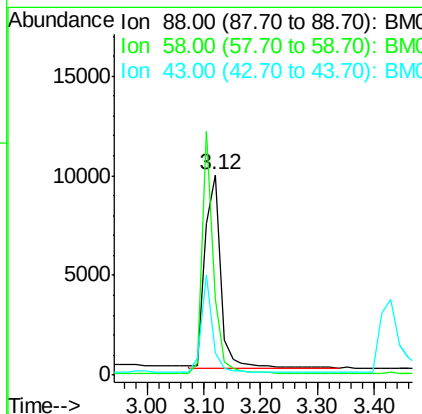
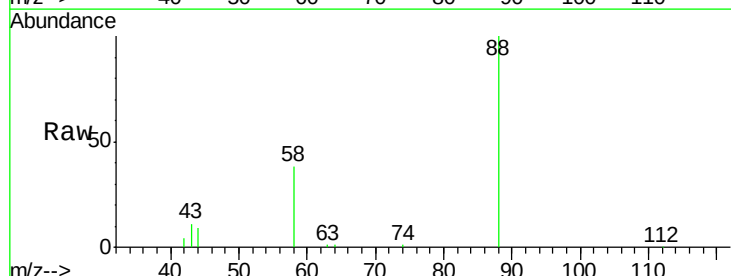
apatel
4/13/2015 4:23:33 PM

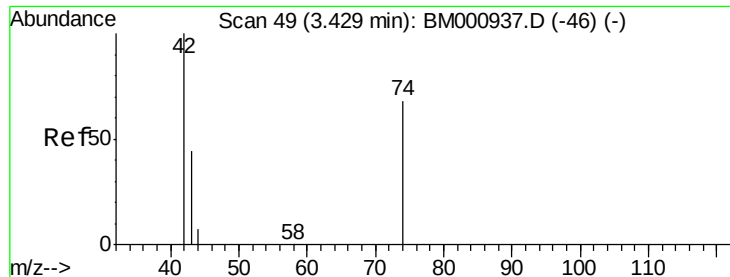


#2

1,4-Dioxane
Concen: 7.32 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion: 88 Resp: 18130
Ion Ratio Lower Upper
88 100
58 90.1 63.0 94.6
43 35.5 27.0 40.4





#3

n-Nitrosodimethylamine

Concen: 7.93 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

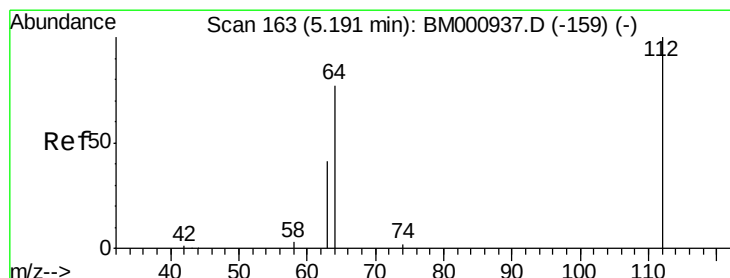
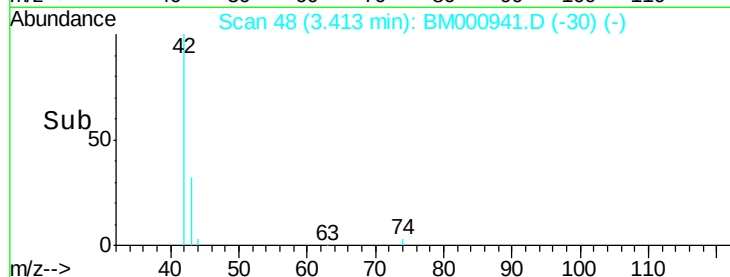
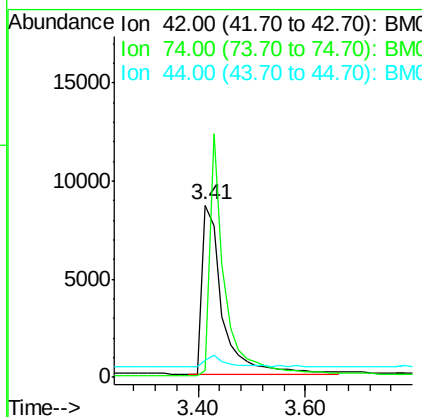
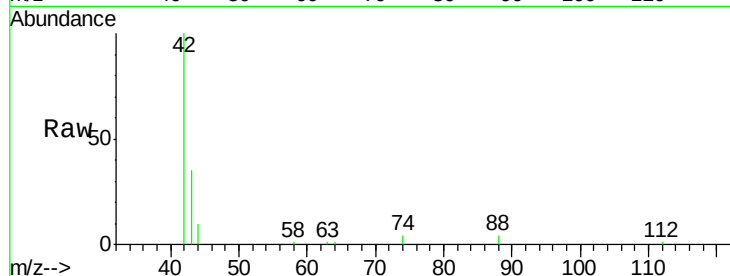
ClientSampleId :

PB82531BS

Tgt Ion:	42	Resp:	22629
Ion	Ratio	Lower	Upper
42	100		
74	4.2	26.0	39.0#
44	9.9	29.0	43.4#

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM



#4

2-Fluorophenol

Concen: 11.01 ng

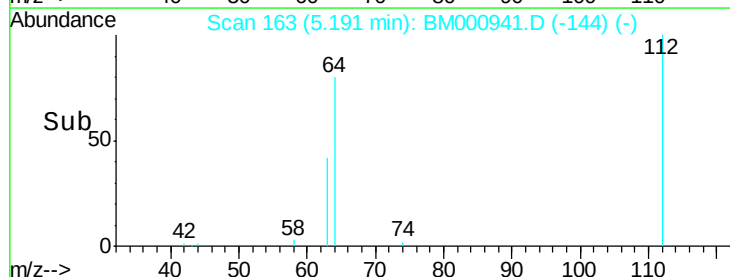
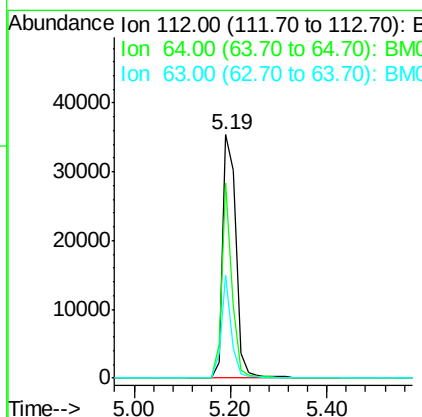
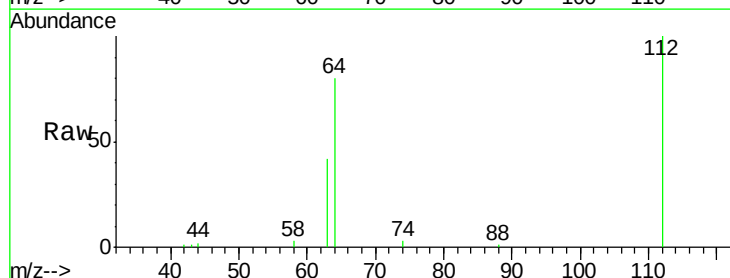
RT: 5.19 min Scan# 163

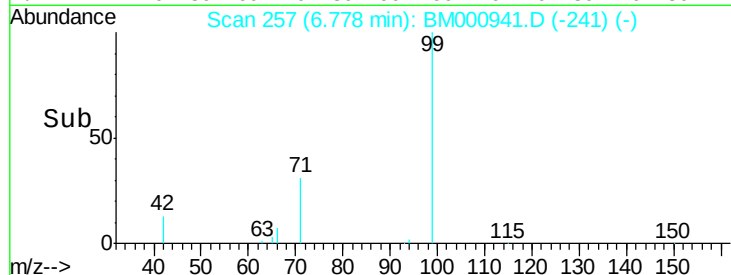
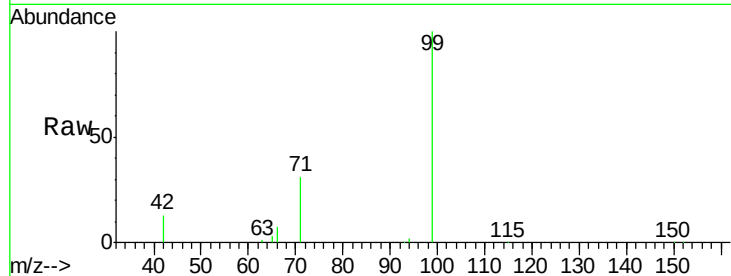
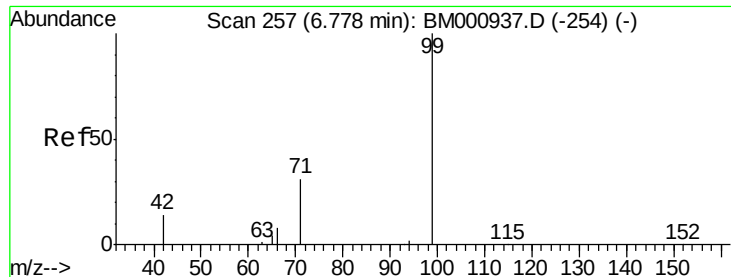
Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	112	Resp:	68444
Ion	Ratio	Lower	Upper
112	100		
64	79.9	31.8	47.8#
63	42.5	14.5	21.7#





#5

Phenol-d6

Concen: 11.85 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	99	Resp:	88176
Ion Ratio	Lower	Upper	
99	100		
42	13.2	14.1	21.1#
71	31.4	28.0	42.0

Instrument :

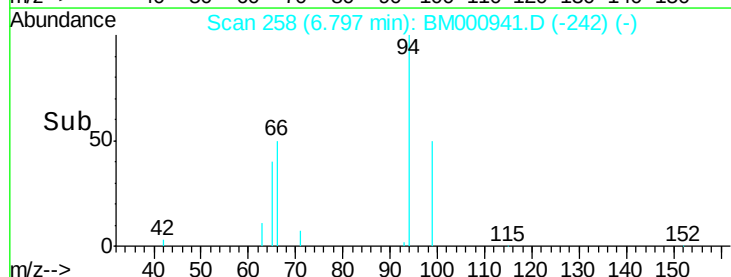
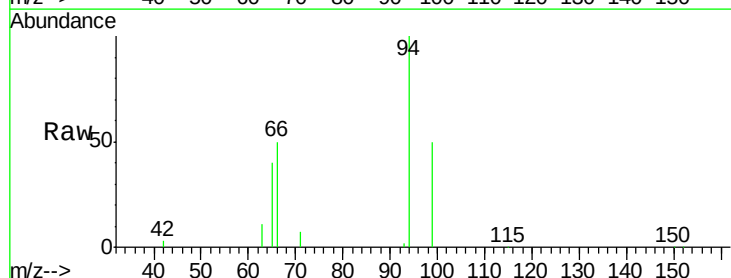
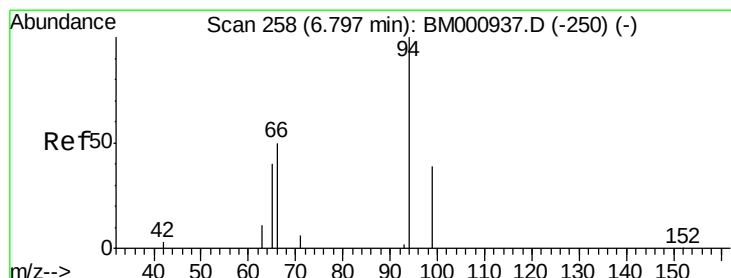
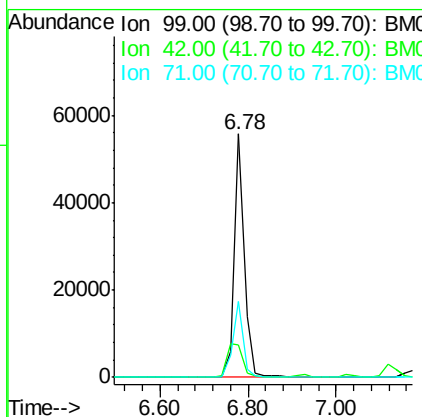
BNA_M

ClientSampleId :

PB82531BS

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM



#6

Phenol

Concen: 7.64 ng

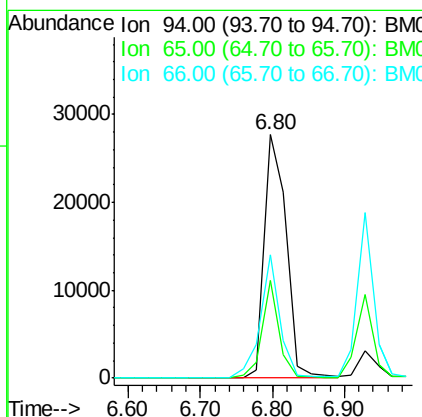
RT: 6.80 min Scan# 258

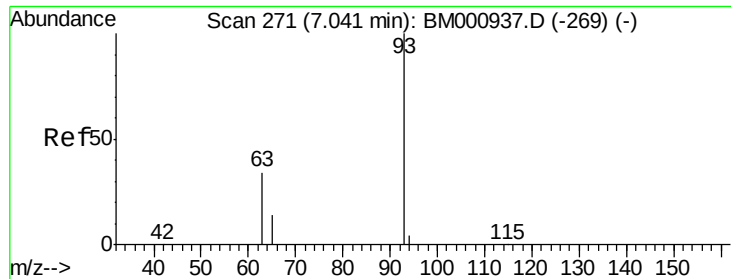
Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	94	Resp:	58491
Ion Ratio	Lower	Upper	
94	100		
65	39.9	0.0	36.0#
66	50.4	3.7	43.7#





#7

bis(2-Chloroethyl)ether

Concen: 7.86 ng

RT: 7.02 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

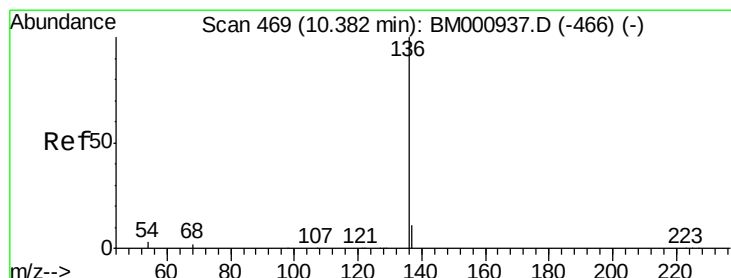
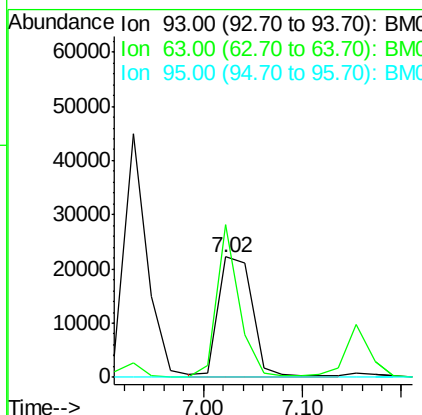
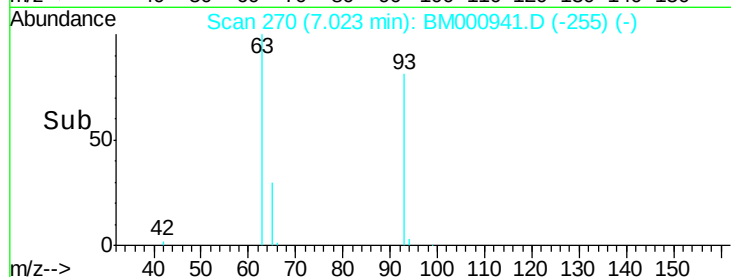
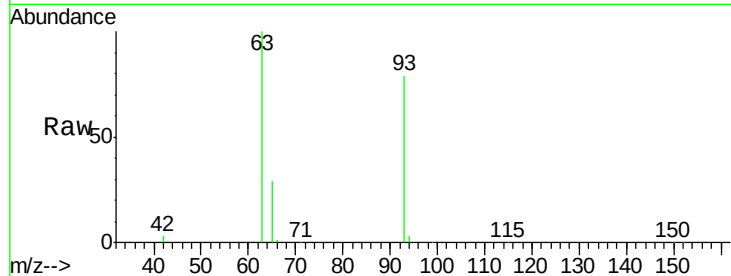
ClientSampleId :

PB82531BS

Tgt Ion:	93	Resp:	52707
Ion Ratio	Lower	Upper	
93	100		
63	126.7	24.0	64.0#
95	0.0	0.0	20.0

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM



#8

Naphthalene-d8

Concen: 5.00 ng

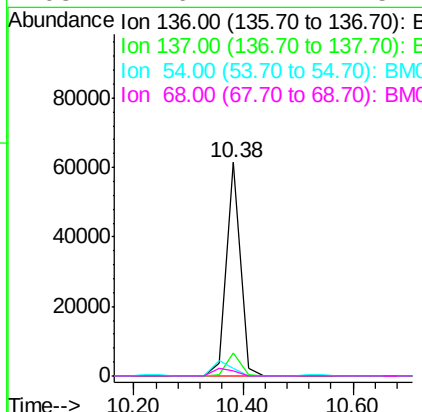
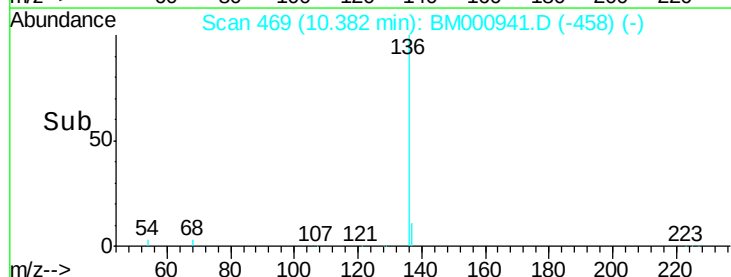
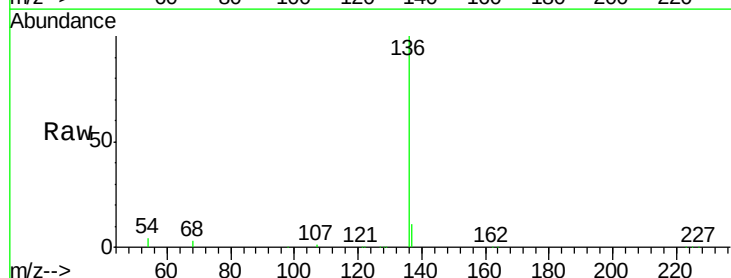
RT: 10.38 min Scan# 469

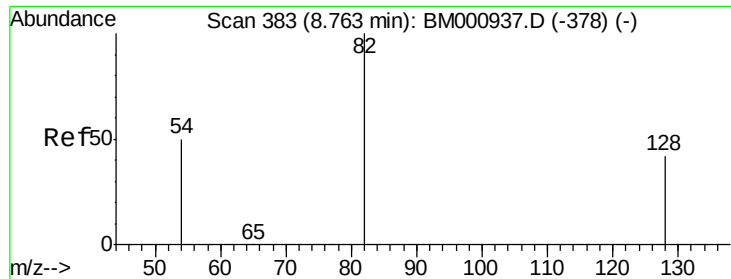
Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	136	Resp:	110362
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	3.5	2.9	4.3
68	2.6	2.2	3.2





#9

Nitrobenzene-d5

Concen: 9.31 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

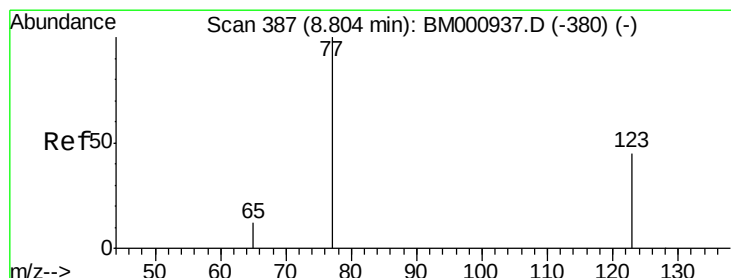
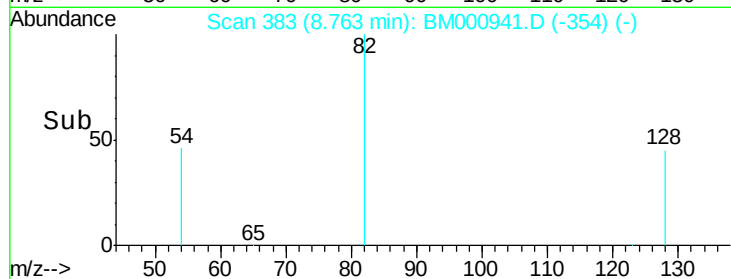
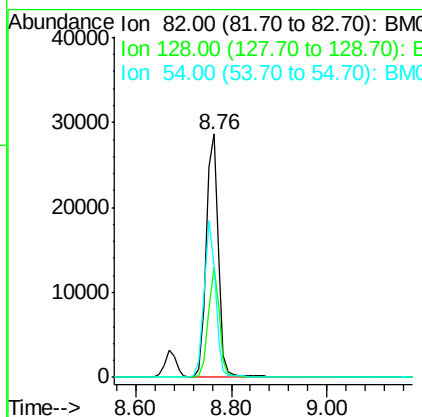
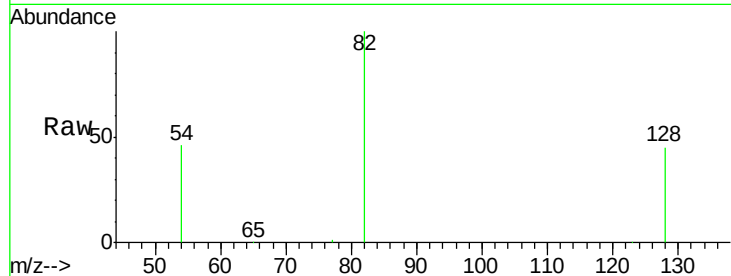
PB82531BS

Manual Integrations
APPROVED

apatel

4/13/2015 4:23:33 PM

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.4	50.0
54	46.2	40.5	60.7



#10

Nitrobenzene

Concen: 7.07 ng

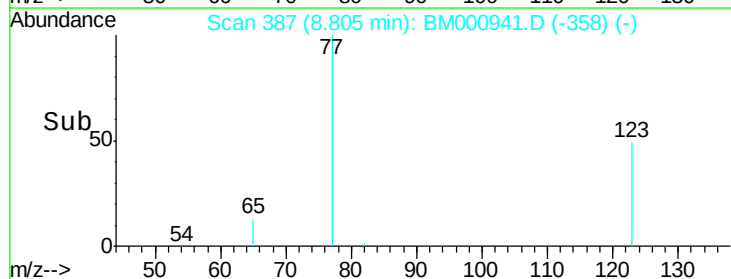
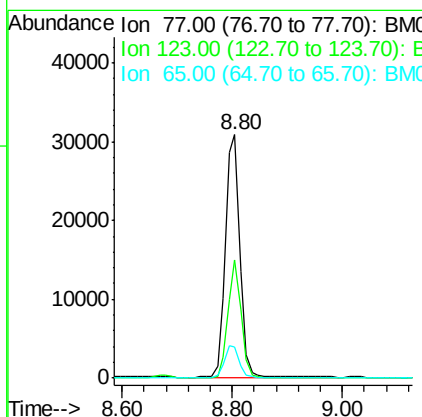
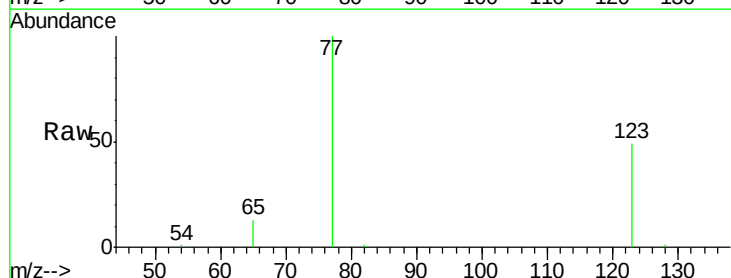
RT: 8.80 min Scan# 387

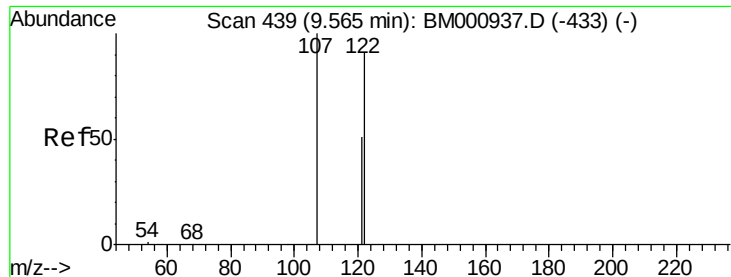
Delta R.T. 0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	35.0	52.6
65	12.7	10.7	16.1





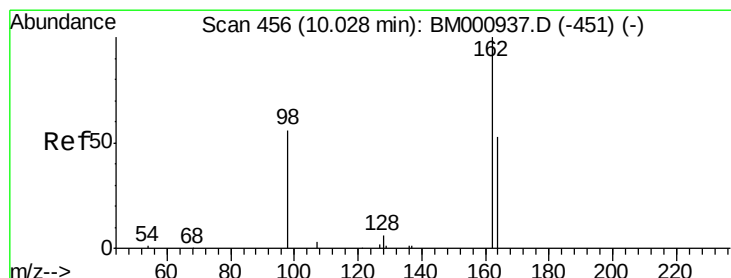
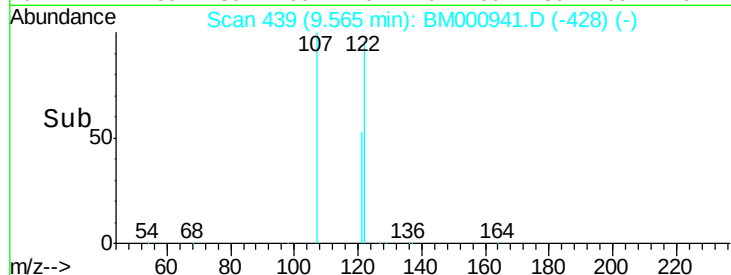
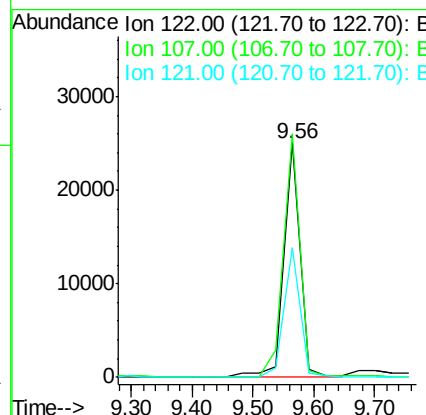
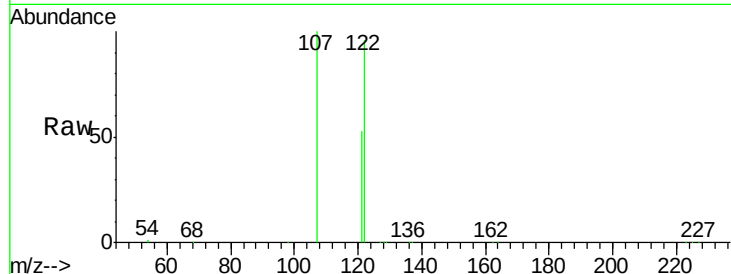
#11
 2,4-Dimethylphenol
 Concen: 7.52 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.8	89.8	134.6
121	55.3	46.6	70.0

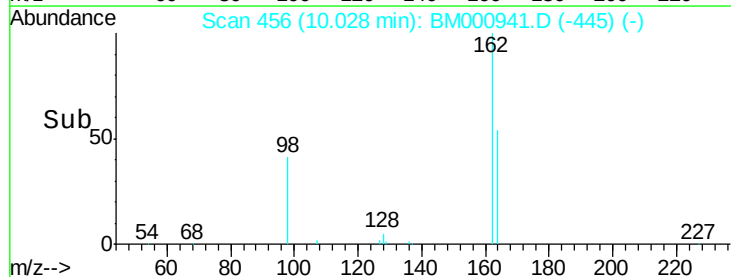
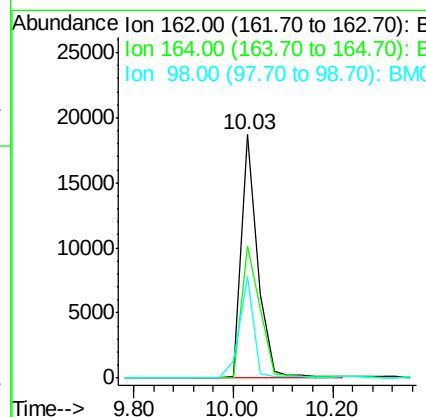
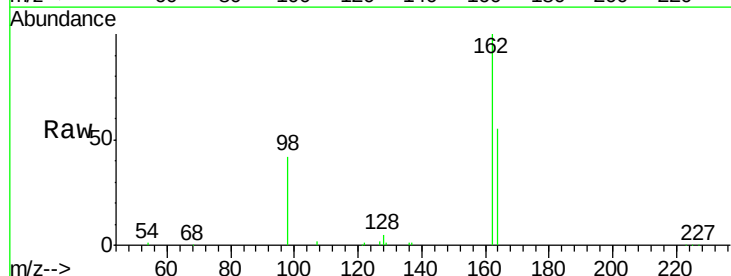
Manual Integrations
 APPROVED

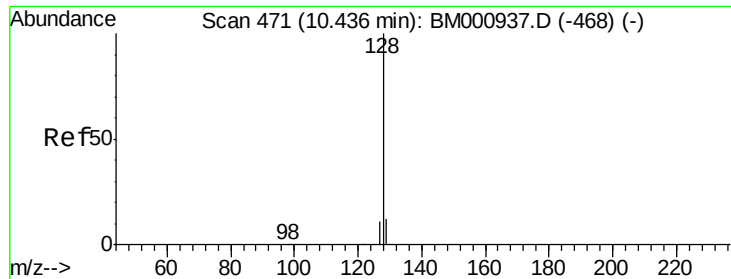
apatel
 4/13/2015 4:23:33 PM



#12
 2,4-Dichlorophenol
 Concen: 7.93 ng
 RT: 10.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	54.5	32.5	72.5
98	41.6	40.5	80.5





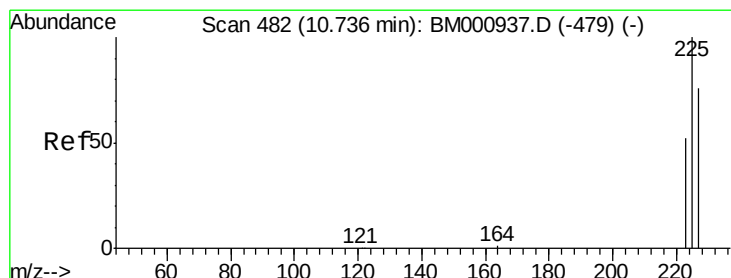
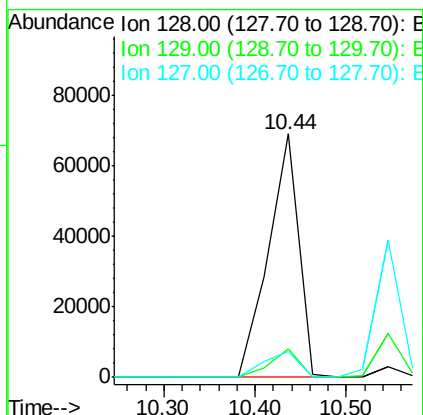
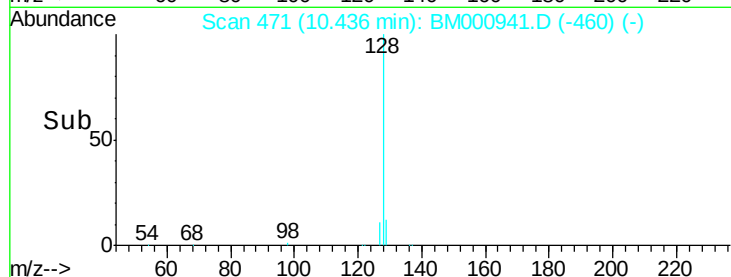
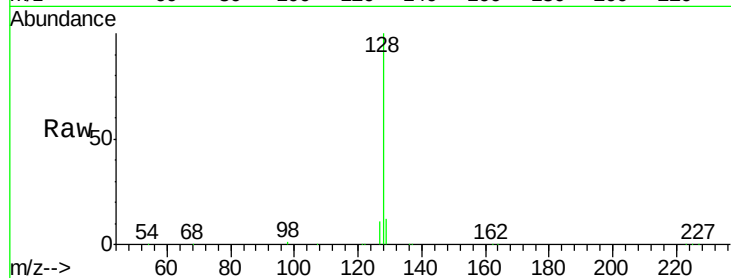
#13
Naphthalene
Concen: 7.21 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

Tgt Ion:	128	Resp:	160514
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.8	14.6
127	10.8	9.1	13.7

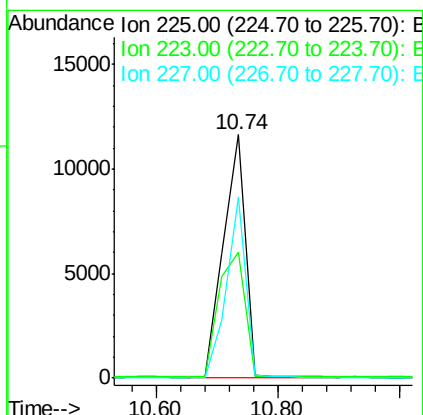
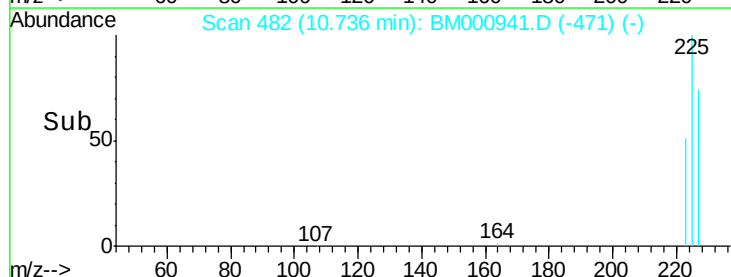
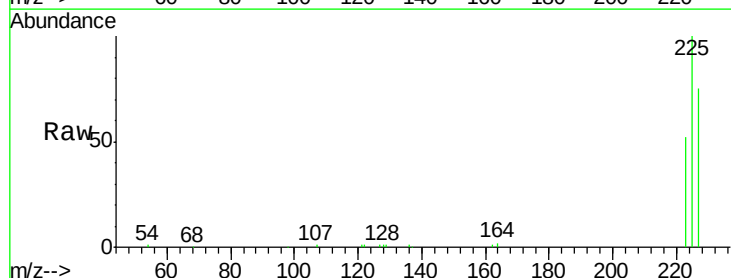
Manual Integrations
APPROVED

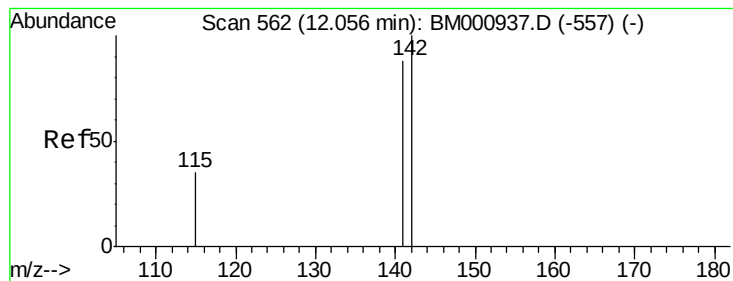
apatel
4/13/2015 4:23:33 PM



#14
Hexachlorobutadiene
Concen: 7.06 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion:	225	Resp:	28729
Ion Ratio	Lower	Upper	
225	100		
223	51.6	42.2	63.2
227	74.6	61.4	92.2





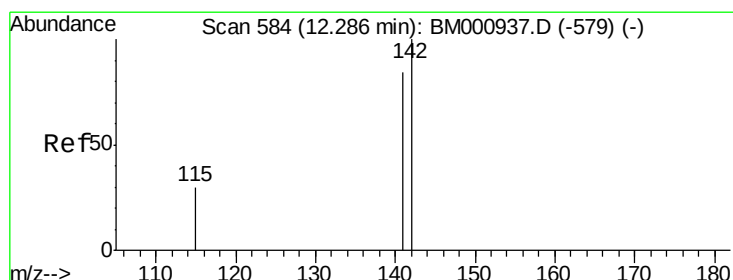
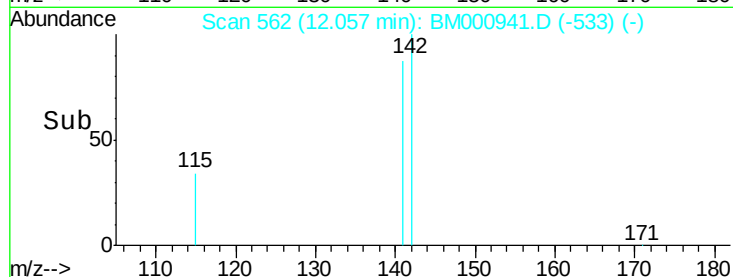
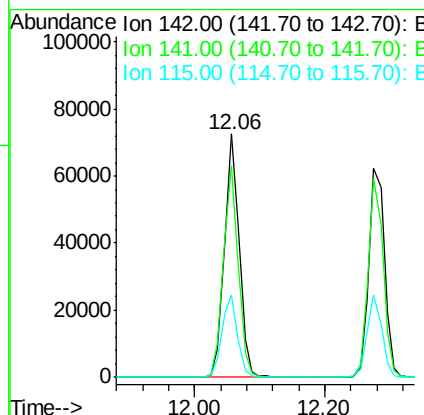
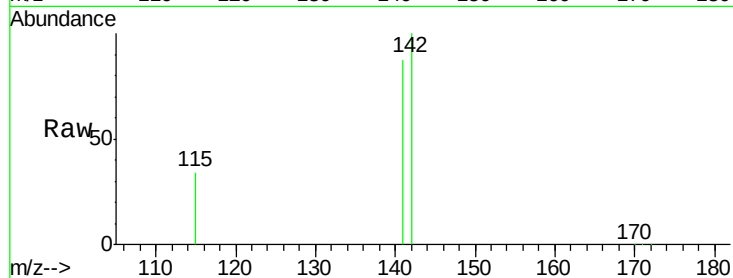
#15
2-Methylnaphthalene
Concen: 7.51 ng
RT: 12.06 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.2	106.8
115	33.8	28.3	42.5

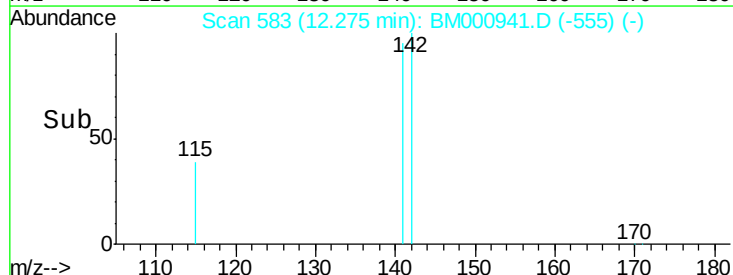
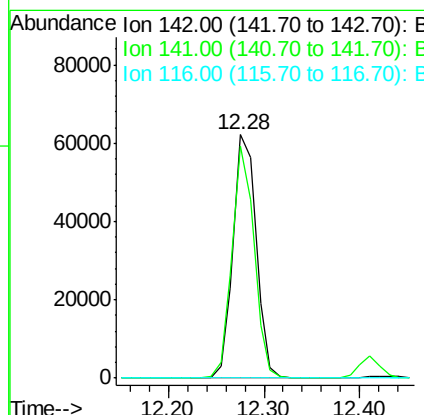
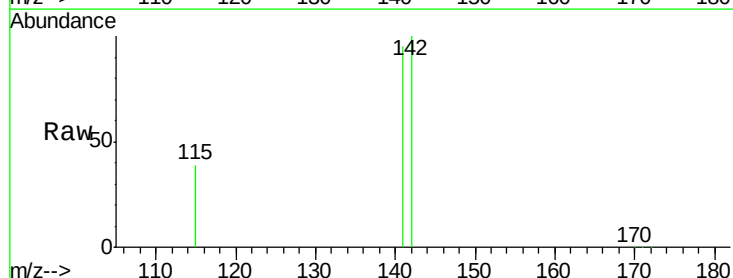
Manual Integrations
APPROVED

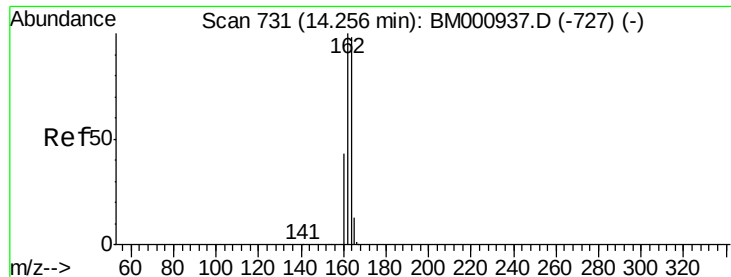
apatel
4/13/2015 4:23:33 PM



#16
1-Methylnaphthalene
Concen: 6.81 ng
RT: 12.28 min Scan# 583
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	66.7	100.1
116	0.0	0.0	0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

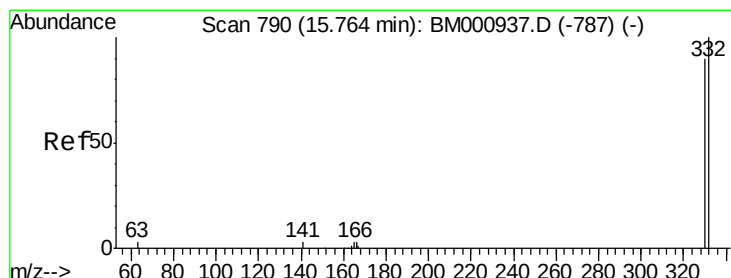
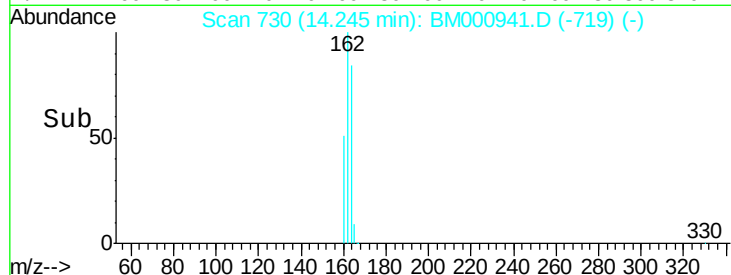
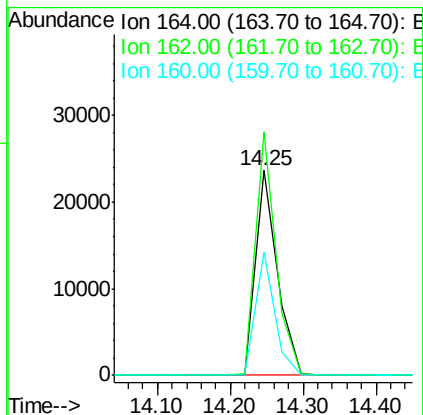
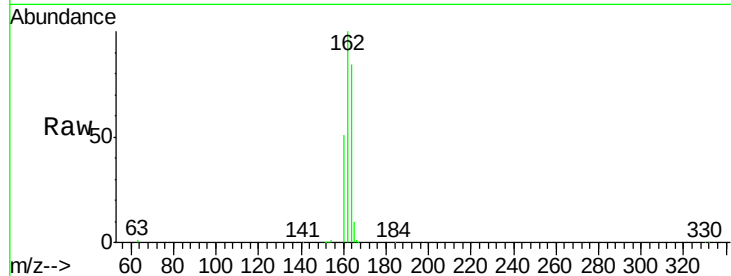
PB82531BS

Manual Integrations
APPROVED

apatel

4/13/2015 4:23:33 PM

Tgt Ion:	164	Resp:	48565
Ion Ratio	Lower	Upper	
164	100		
162	119.0	96.1	144.1
160	60.5	48.2	72.2



#18

2,4,6-Tribromophenol

Concen: 16.32 ng

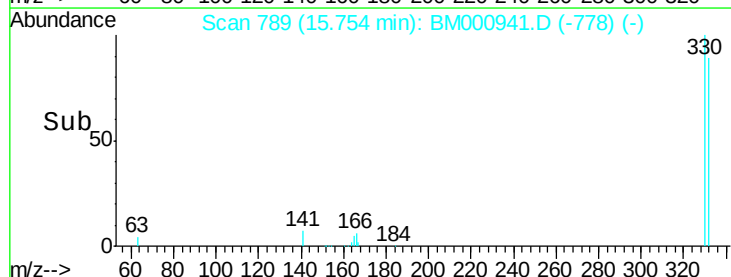
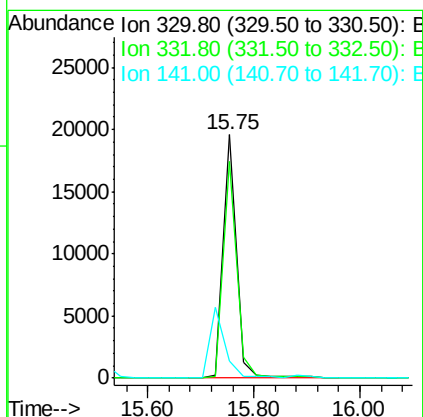
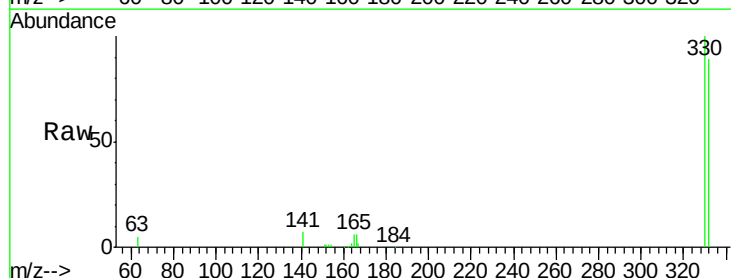
RT: 15.75 min Scan# 789

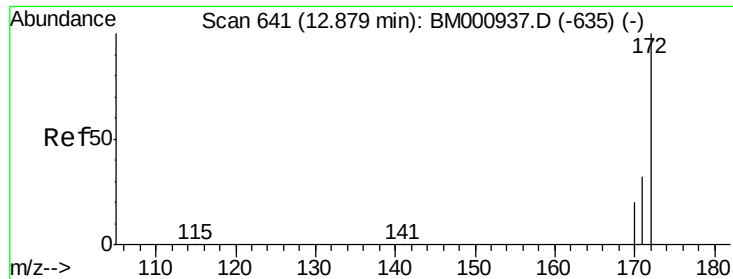
Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

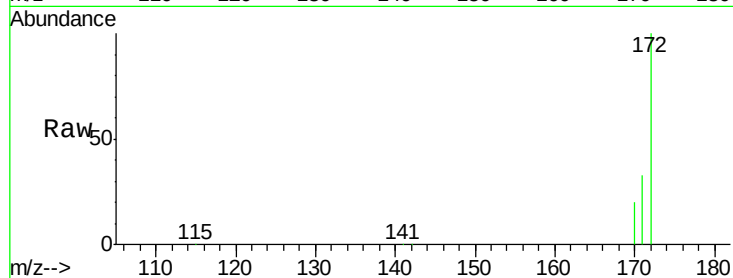
Tgt Ion:	330	Resp:	33123
Ion Ratio	Lower	Upper	
330	100		
332	91.0	75.4	113.2
141	0.0	0.0	0.0





#19
2-Fluorobiphenyl
Concen: 10.53 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

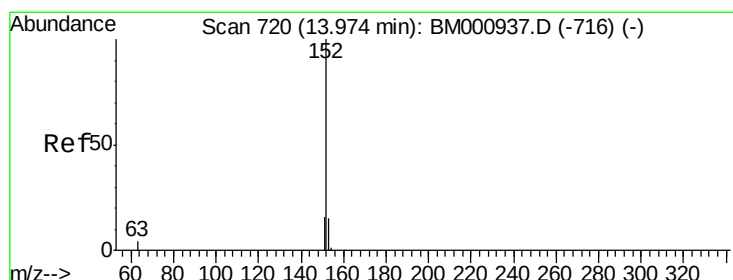
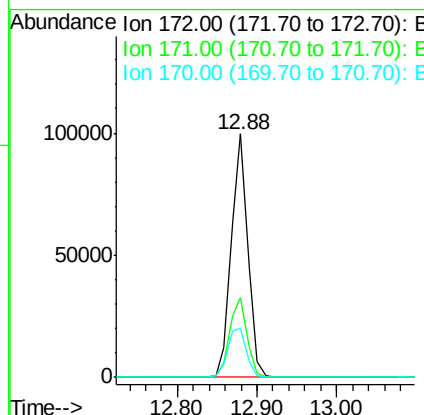
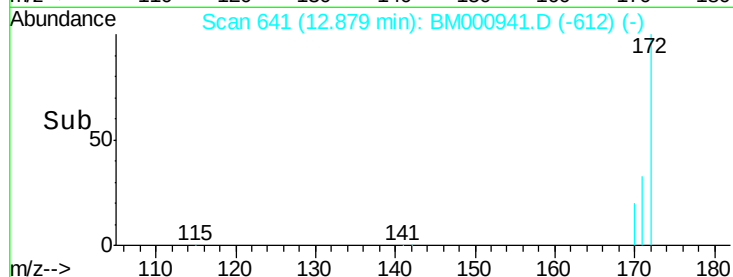
Instrument :
BNA_M
ClientSampleId :
PB82531BS



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	143293		
171	32.5	26.7	40.1	
170	20.1	17.0	25.4	

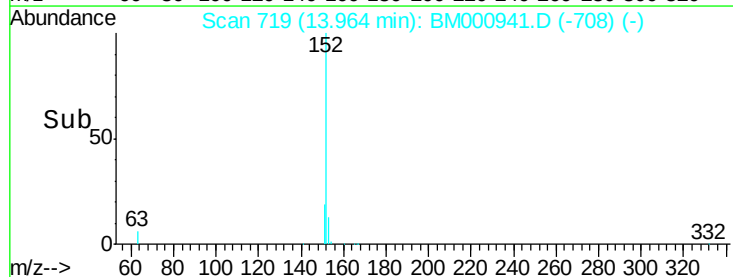
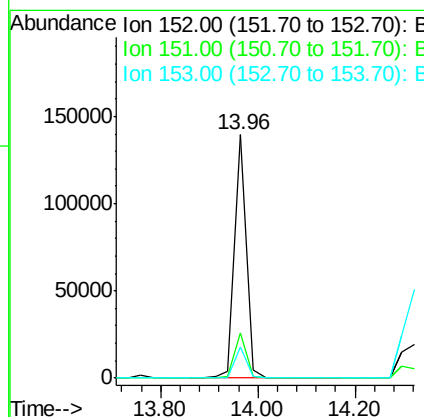
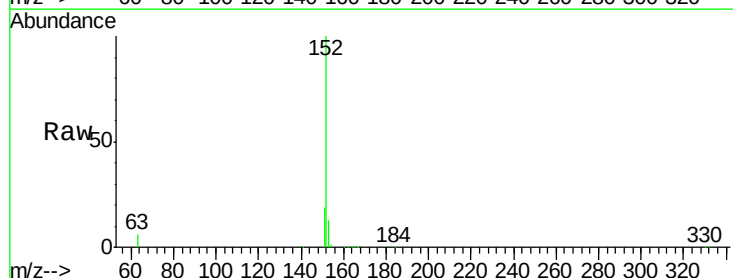
Manual Integrations
APPROVED

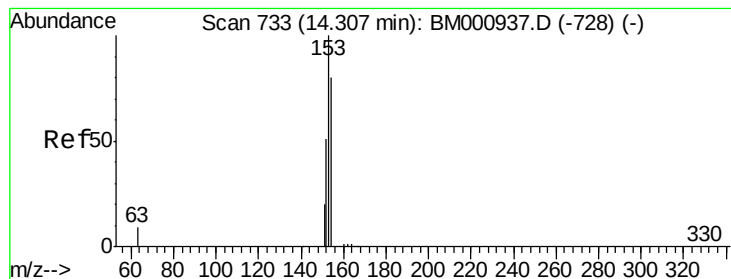
apatel
4/13/2015 4:23:33 PM



#20
Acenaphthylene
Concen: 11.44 ng
RT: 13.96 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	230317		
151	18.7	15.4	23.0	
153	12.8	10.2	15.2	





#21

Acenaphthene

Concen: 8.88 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.02 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

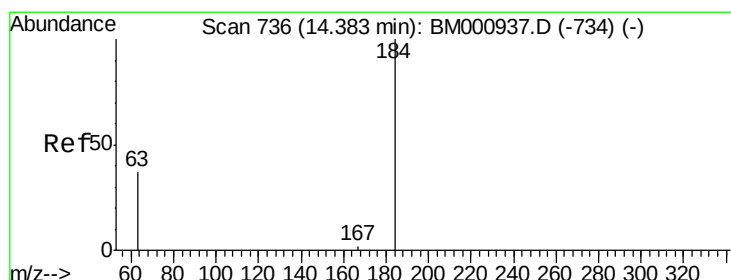
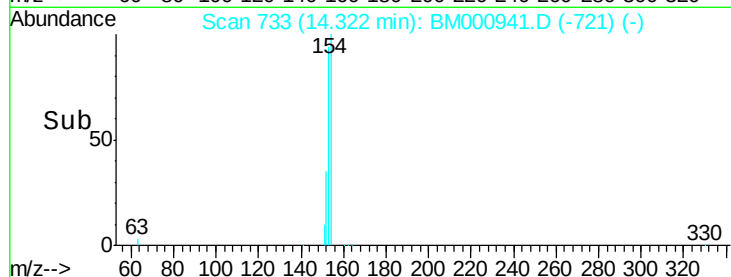
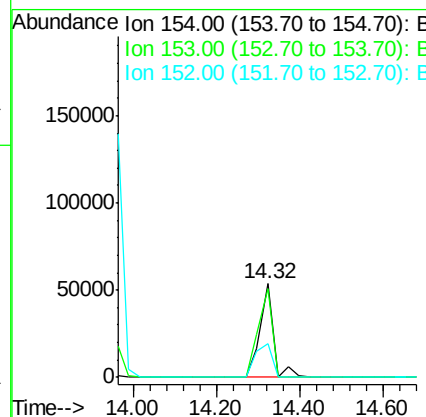
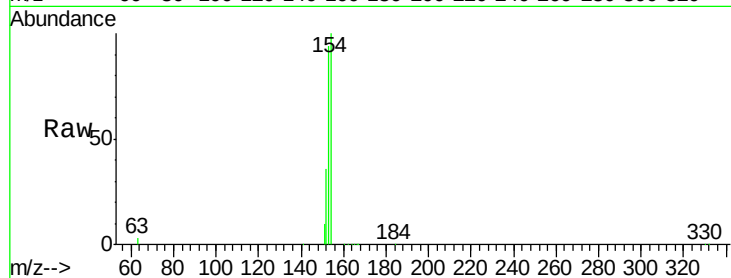
PB82531BS

Manual Integrations
APPROVED

apatel

4/13/2015 4:23:33 PM

Tgt Ion:	154	Resp:	118998
Ion Ratio	Lower	Upper	
154	100		
153	94.3	73.7	110.5
152	35.9	29.0	43.6



#22

2,4-Dinitrophenol

Concen: 10.62 ng m

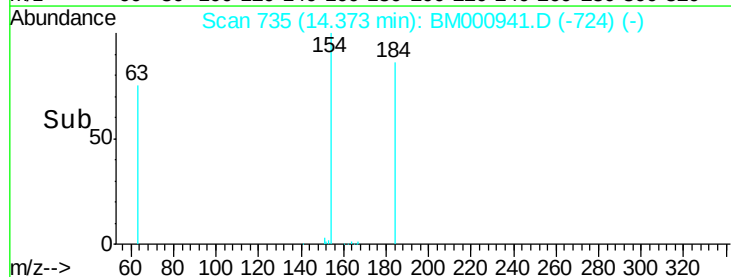
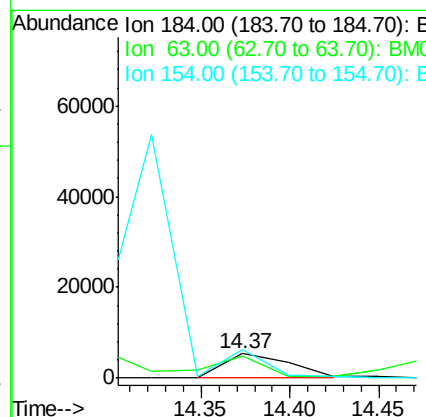
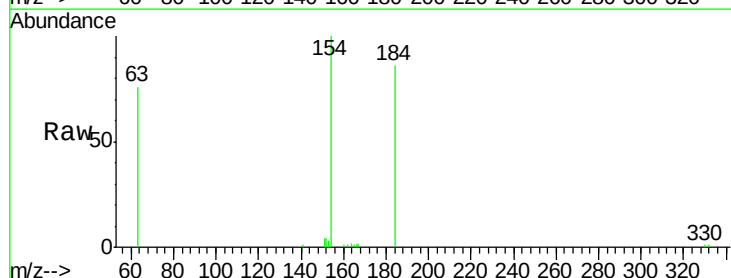
RT: 14.37 min Scan# 735

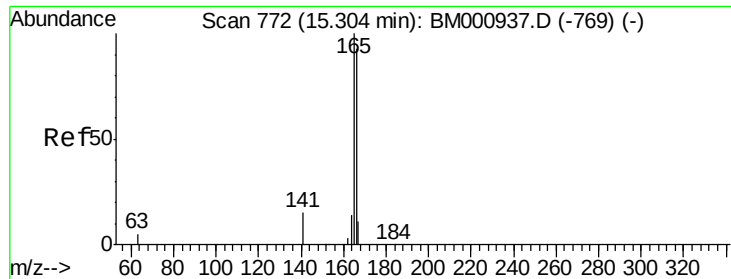
Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	184	Resp:	14496
Ion Ratio	Lower	Upper	
184	100		
63	87.8	39.0	58.4#
154	116.1	43.8	65.8#





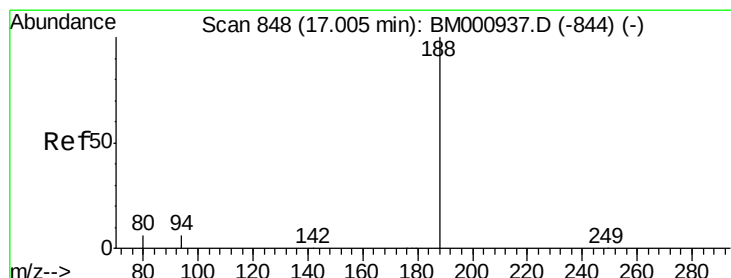
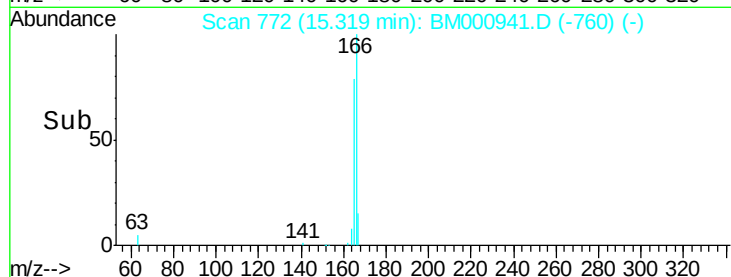
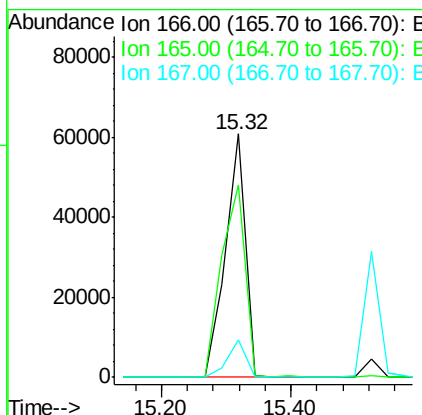
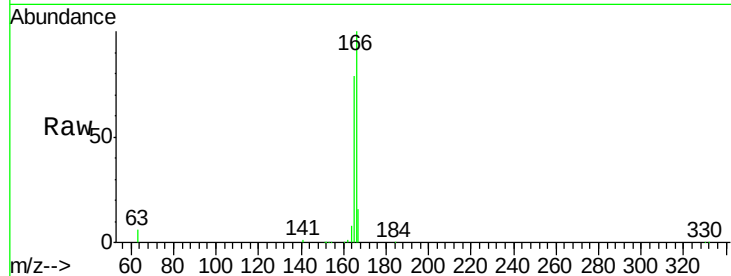
#23
Fluorene
 Concen: 8.34 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	130123		
165	79.1	63.7	95.5	
167	15.6	12.7	19.1	

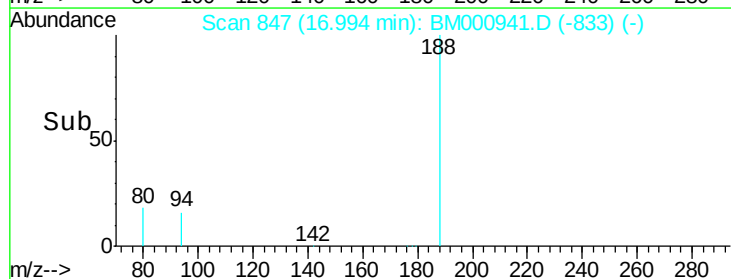
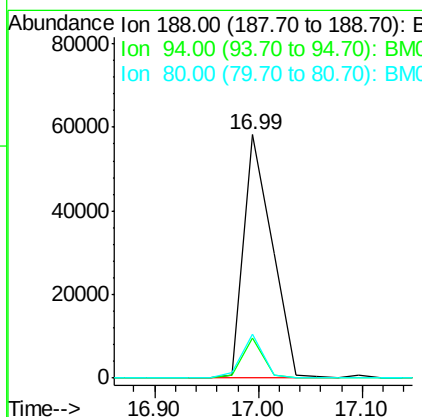
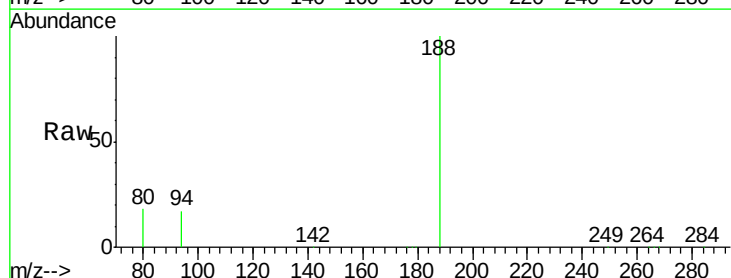
Manual Integrations
 APPROVED

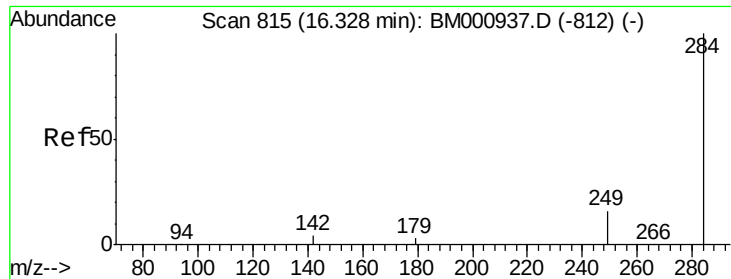
apatel
 4/13/2015 4:23:33 PM



#24
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	110397		
94	16.5	12.2	18.4	
80	18.3	13.4	20.0	





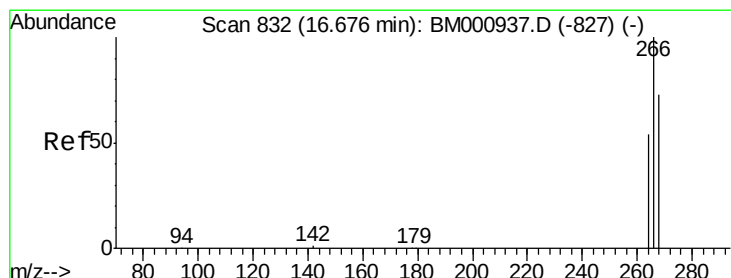
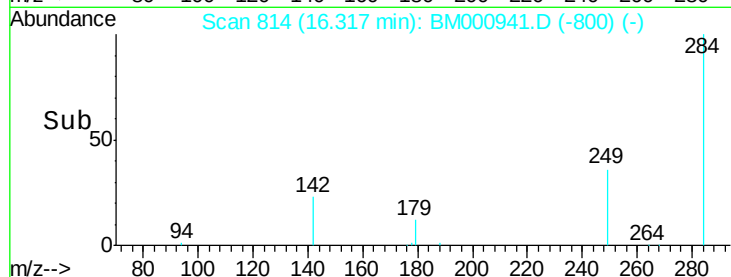
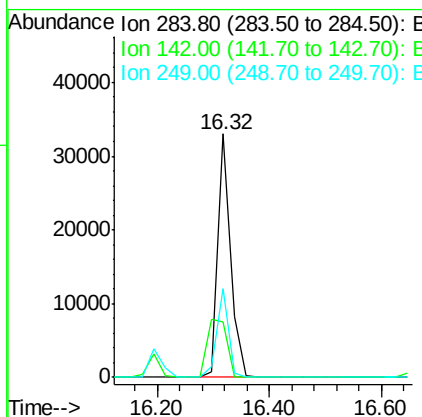
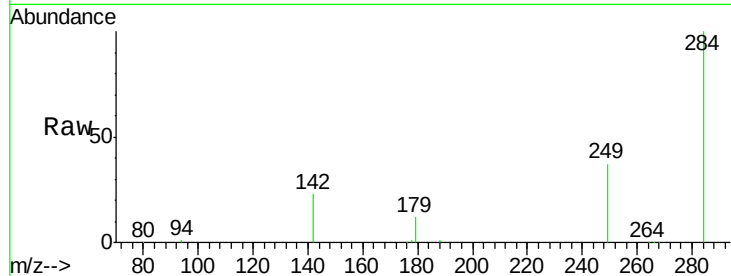
#25
Hexachlorobenzene
Concen: 8.67 ng
RT: 16.32 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.0	16.2	24.2
249	36.6	27.4	41.2

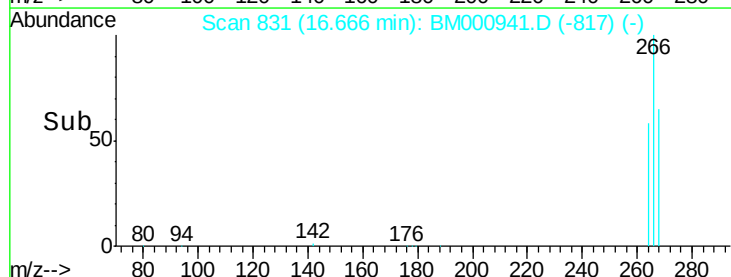
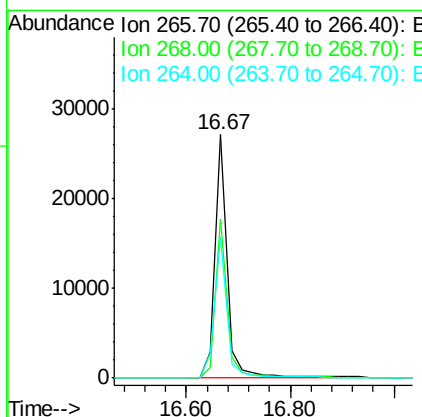
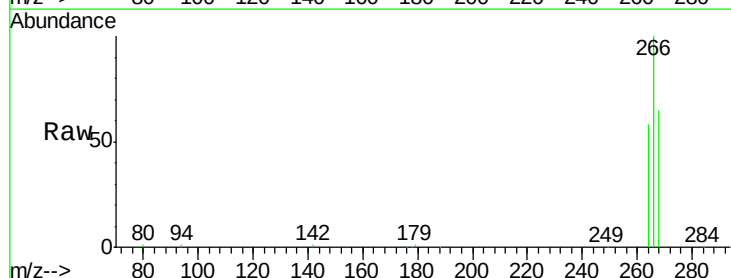
Manual Integrations
APPROVED

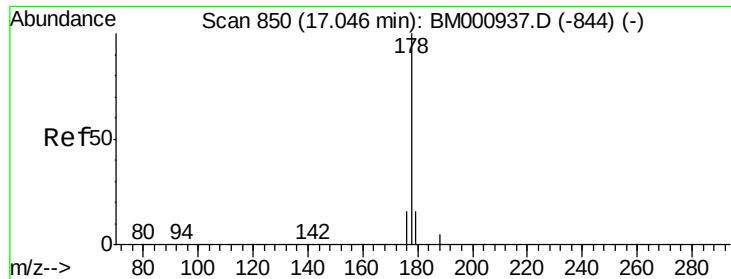
apatel
4/13/2015 4:23:33 PM



#26
Pentachlorophenol
Concen: 18.37 ng
RT: 16.67 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	53.0	79.4
264	58.1	49.4	74.0





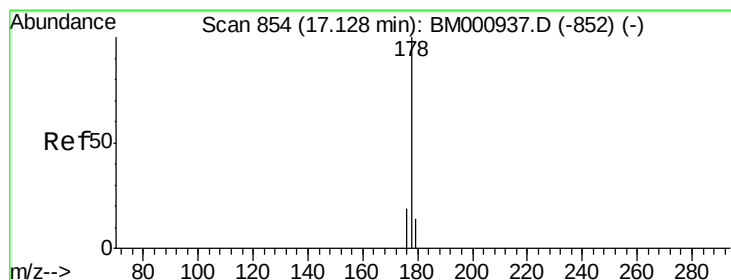
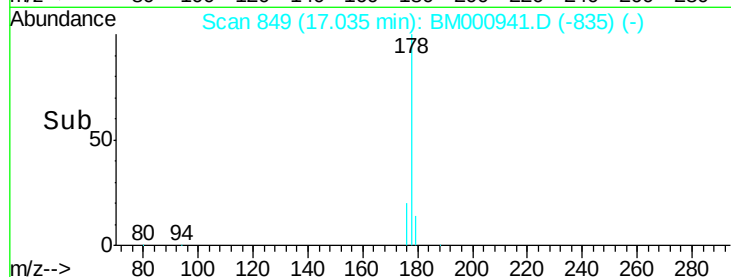
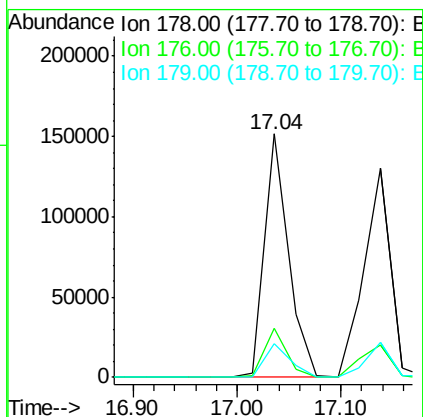
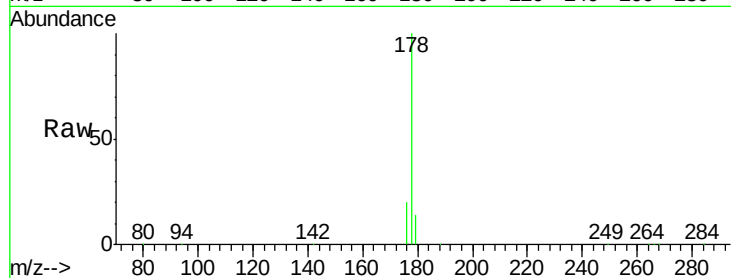
#27
Phenanthrene
Concen: 8.41 ng
RT: 17.04 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Instrument :
BNA_M
ClientSampleId :
PB82531BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	13.9	11.4	17.2

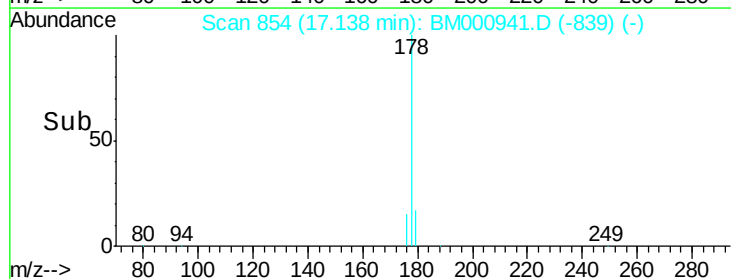
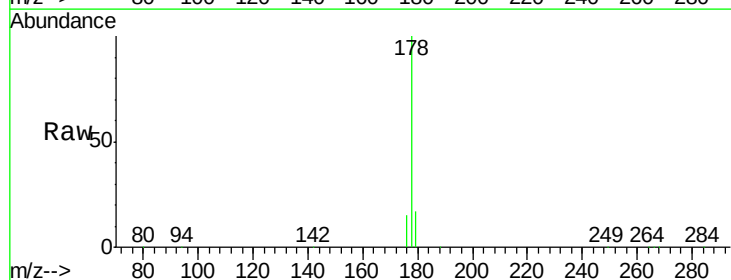
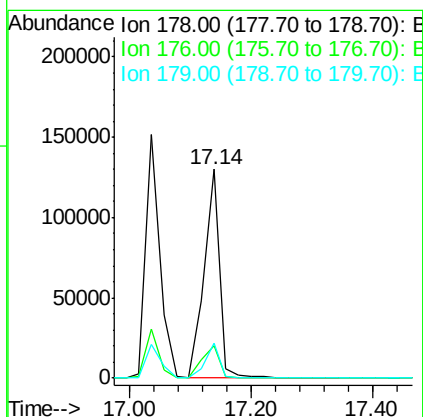
Manual Integrations
APPROVED

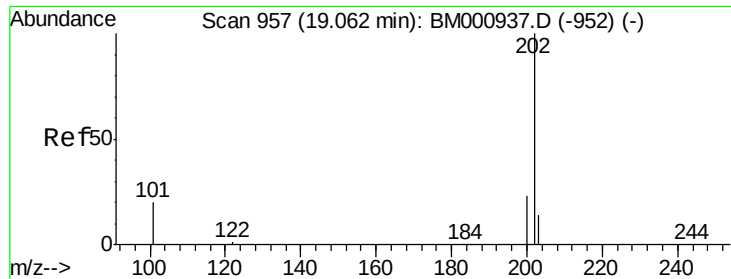
apatel
4/13/2015 4:23:33 PM



#28
Anthracene
Concen: 8.80 ng
RT: 17.14 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.3	12.7	19.1
179	17.0	13.9	20.9





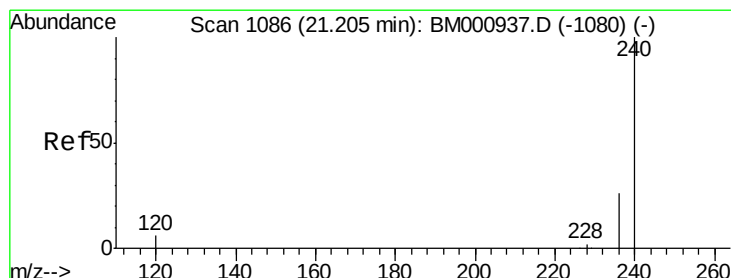
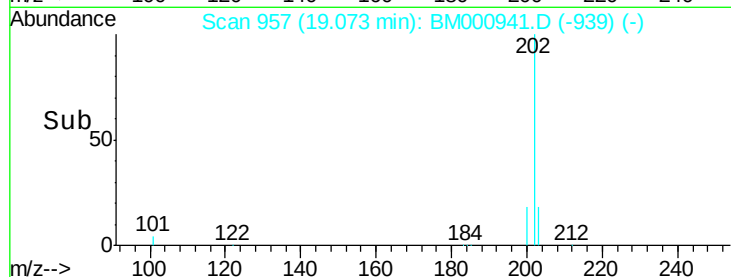
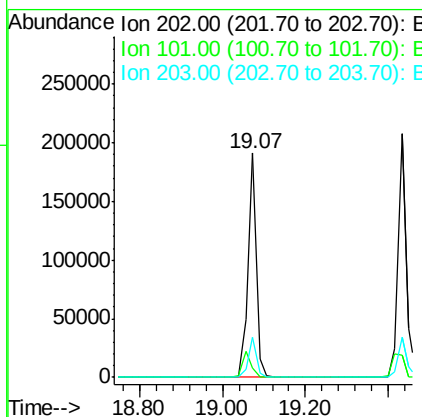
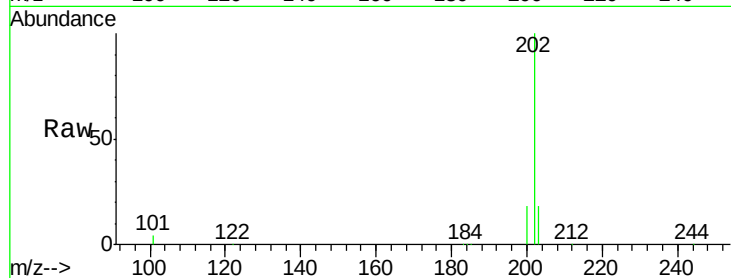
#29
 Fluoranthene
 Concen: 8.98 ng
 RT: 19.07 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.3	0.0	24.1
203	17.8	0.0	38.4

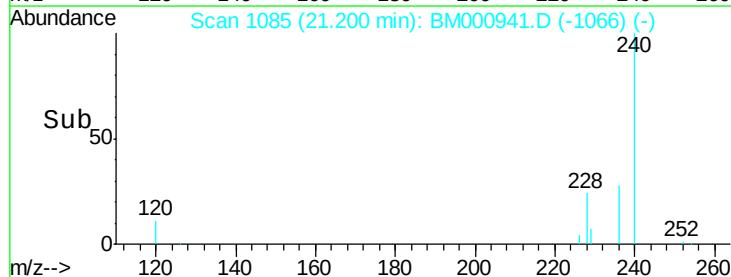
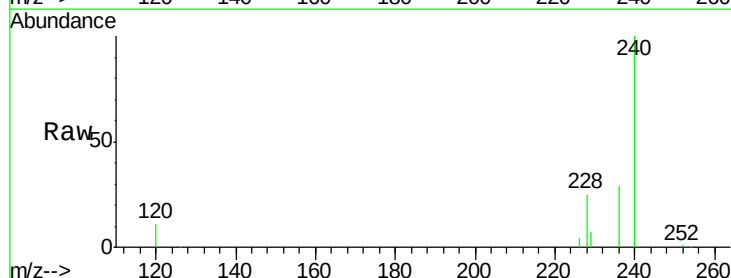
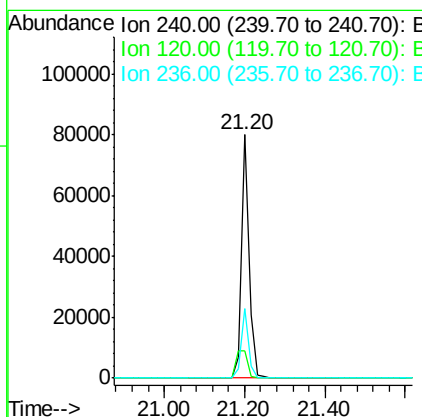
Manual Integrations
 APPROVED

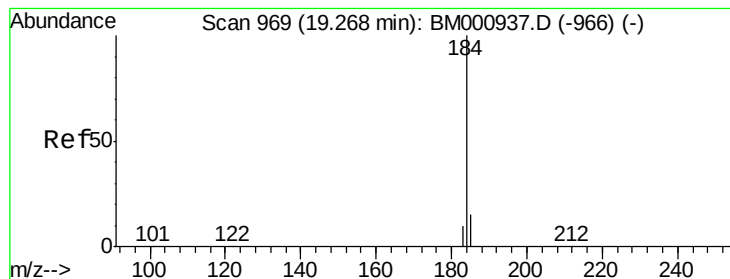
apatel
 4/13/2015 4:23:33 PM



#30
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.20 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.4	6.8	10.2#
236	28.5	22.1	33.1





#31

Benzidine

Concen: 13.08 ng

RT: 19.26 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM000941.D

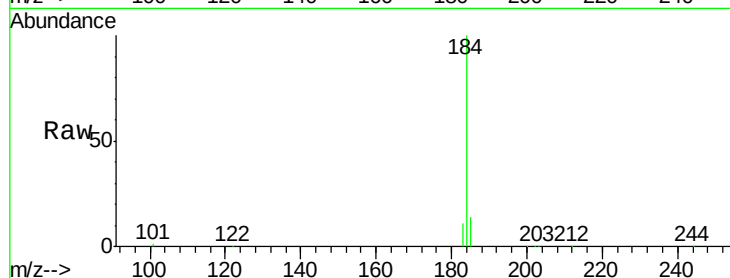
Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

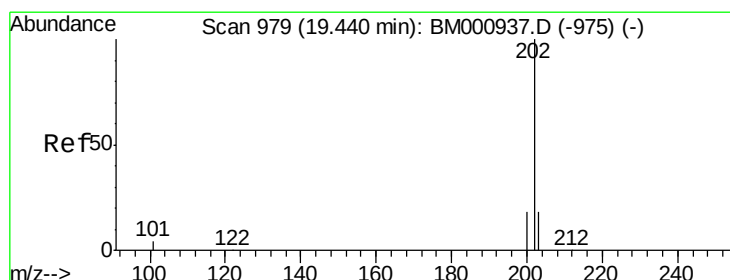
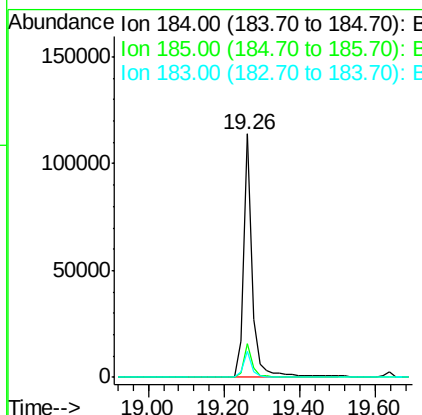
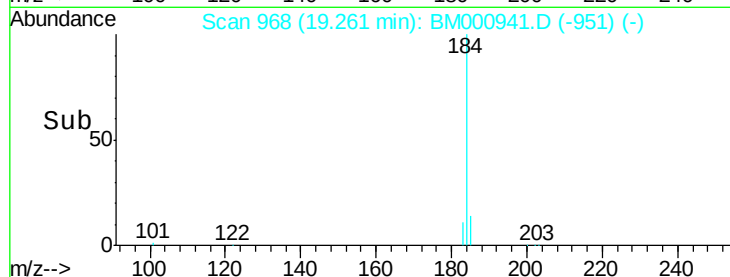
PB82531BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184162		
185	13.6	12.2	18.4	
183	10.7	10.3	15.5	

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM



#32

Pyrene

Concen: 8.55 ng

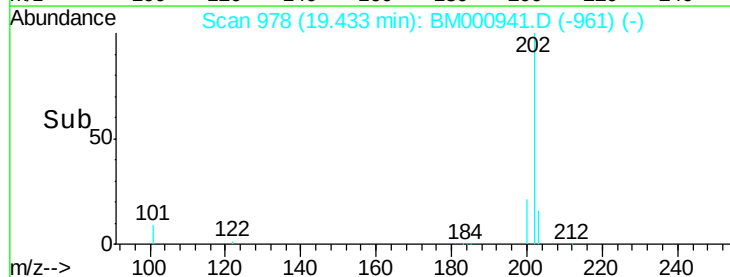
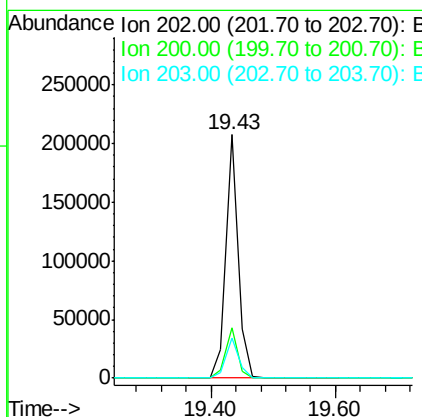
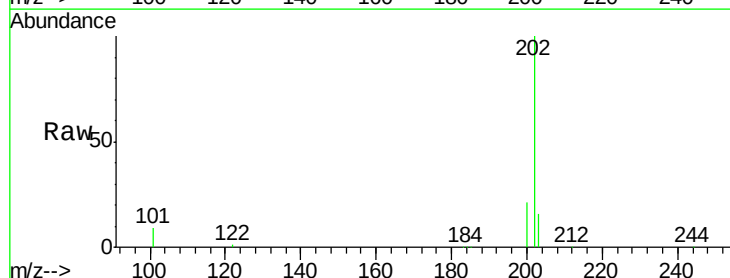
RT: 19.43 min Scan# 978

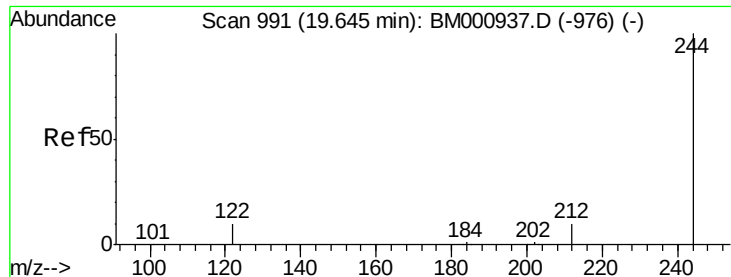
Delta R.T. -0.01 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	284648		
200	20.6	16.2	24.4	
203	16.5	13.5	20.3	





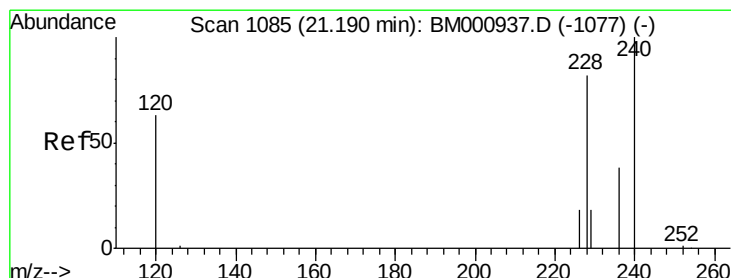
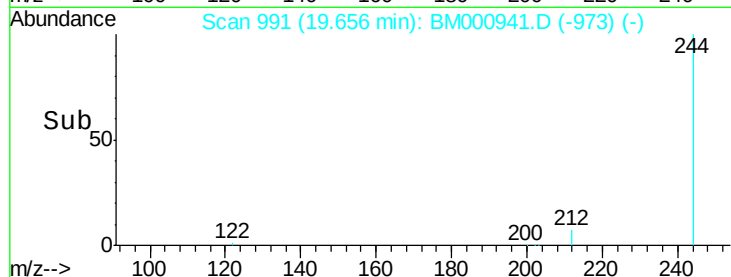
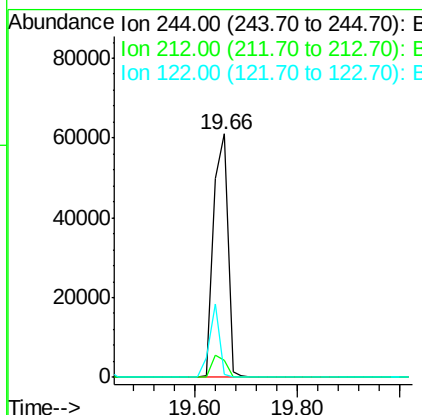
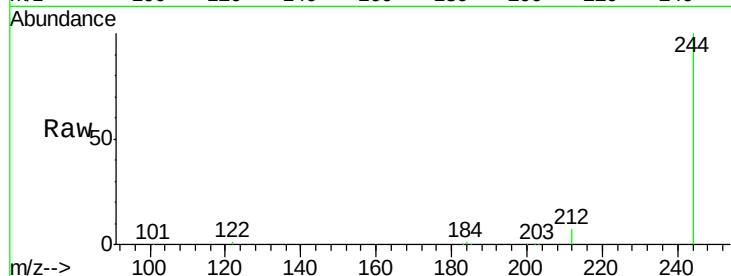
#33
 Terphenyl-d14
 Concen: 9.38 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	9.4	14.0#
122	1.1	20.9	31.3#

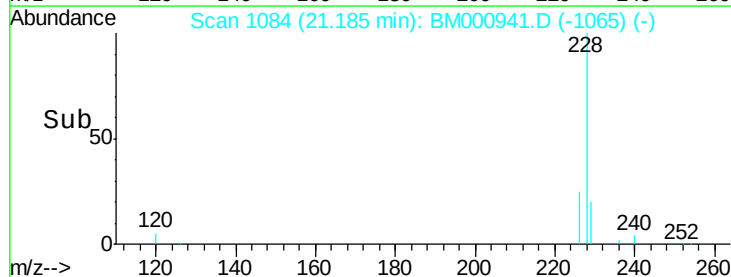
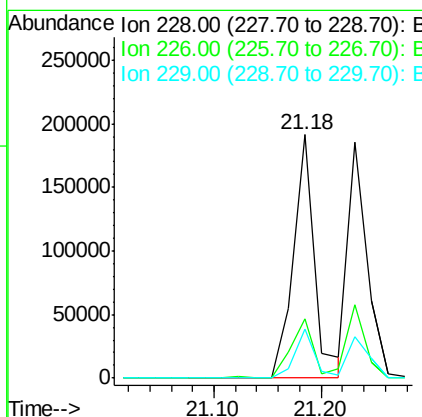
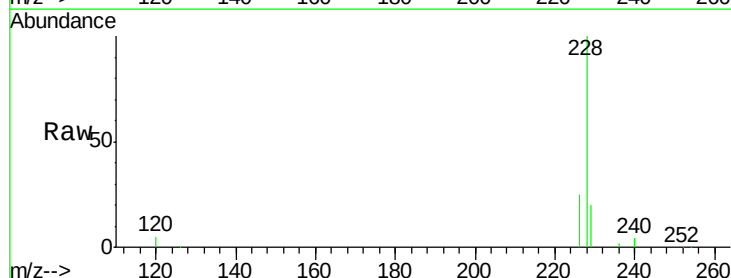
Manual Integrations
 APPROVED

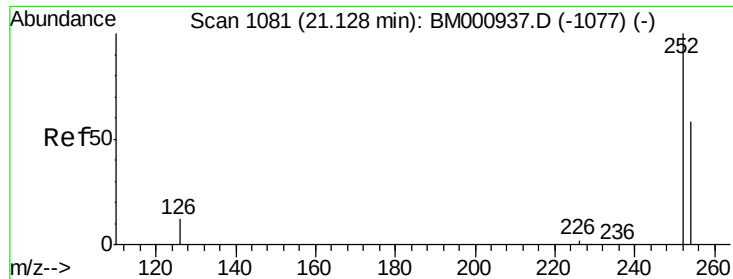
apatel
 4/13/2015 4:23:33 PM



#34
 Benzo(a)anthracene
 Concen: 8.87 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	24.5	18.9	28.3
229	20.3	16.8	25.2





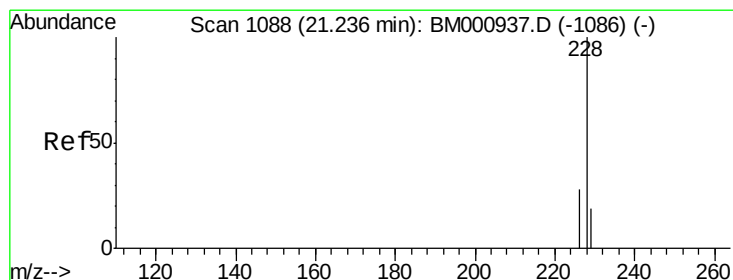
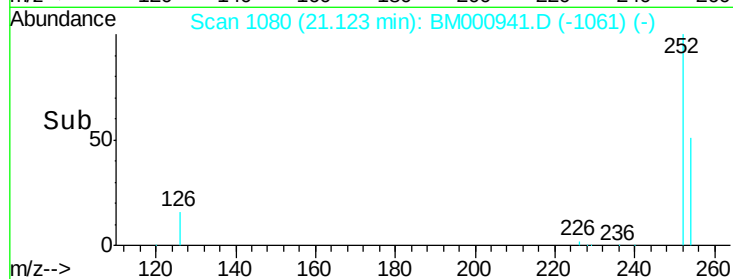
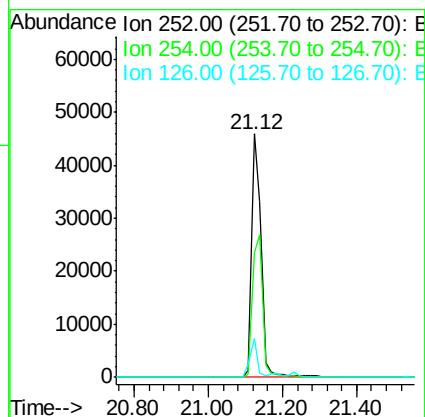
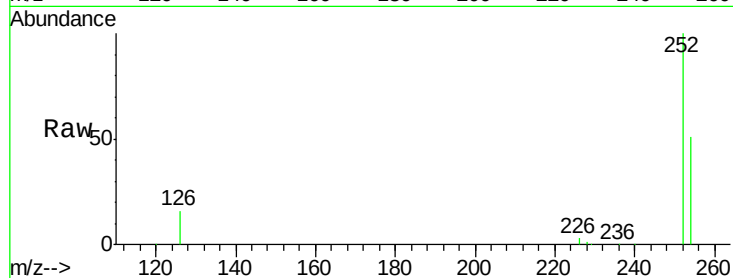
#35
 3,3'-Dichlorobenzidine
 Concen: 6.97 ng
 RT: 21.12 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	50.9	43.4	65.2
126	16.0	12.3	18.5

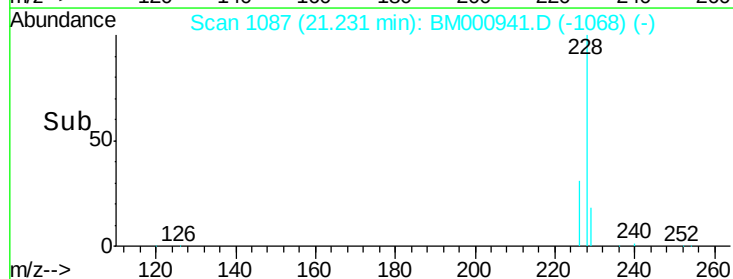
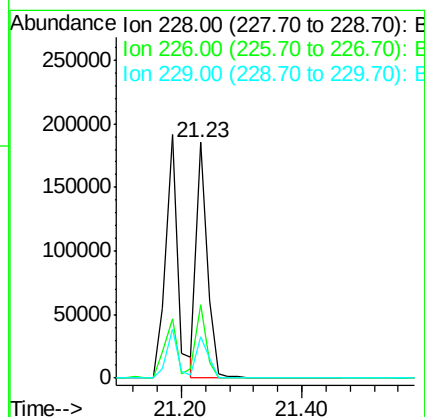
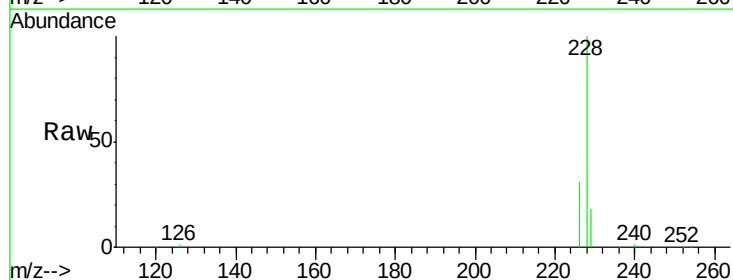
Manual Integrations
 APPROVED

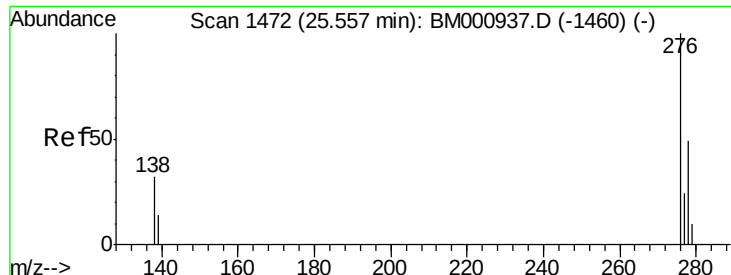
apatel
 4/13/2015 4:23:33 PM



#36
 Chrysene
 Concen: 7.75 ng
 RT: 21.23 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

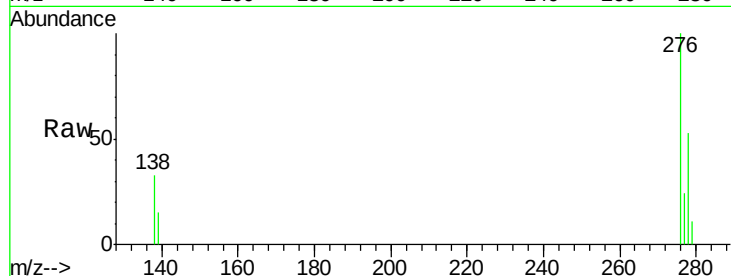
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	23.4	35.2
229	17.7	15.0	22.6





#37
 Indeno(1,2,3-cd)pyrene
 Concen: 8.13 ng
 RT: 25.56 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14

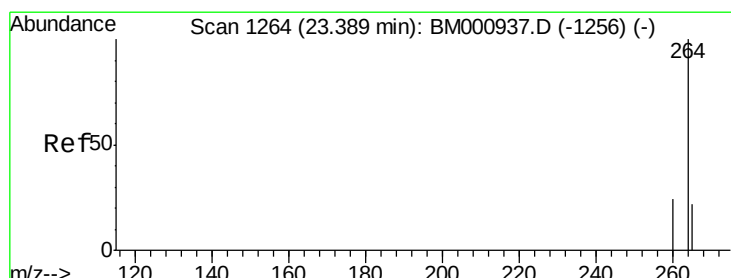
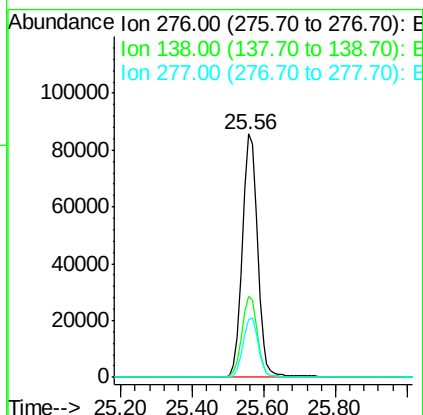
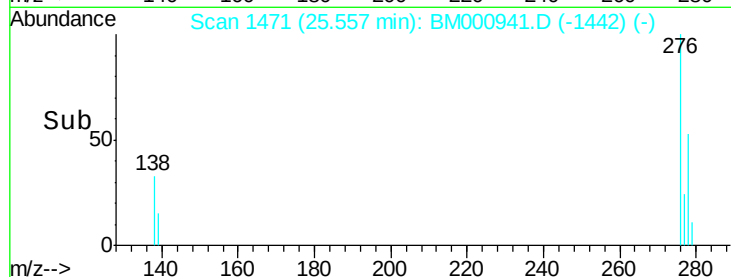
Instrument :
 BNA_M
 ClientSampleId :
 PB82531BS



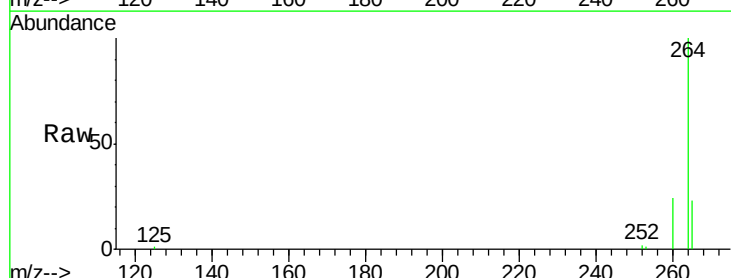
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.7	26.6	40.0
277	24.6	19.8	29.6

Manual Integrations
 APPROVED

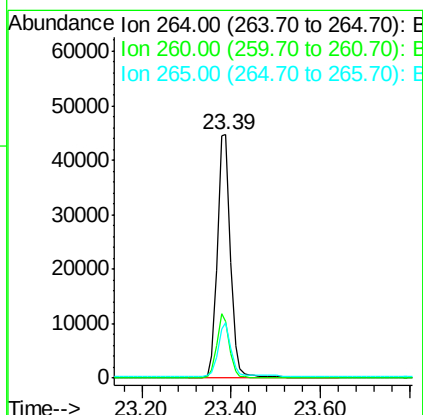
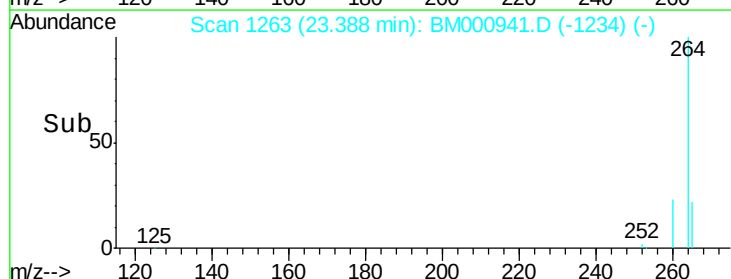
apatel
 4/13/2015 4:23:33 PM

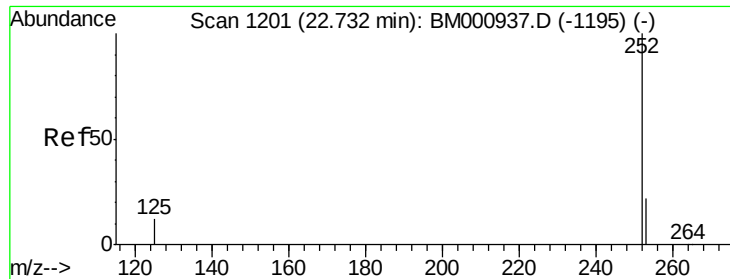


#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BM000941.D
 Acq: 10 Apr 2015 16:14



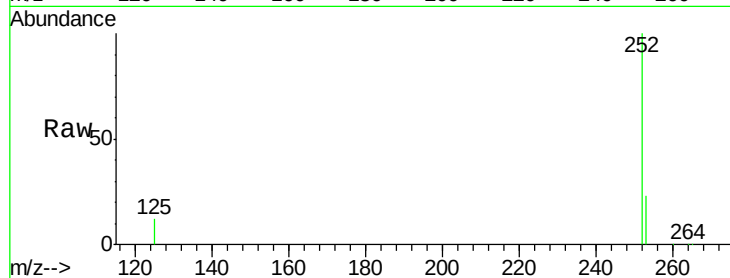
Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	20.6	30.8
265	22.7	16.4	24.6





#39
Benzo(b)fluoranthene
Concen: 8.97 ng
RT: 22.73 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14

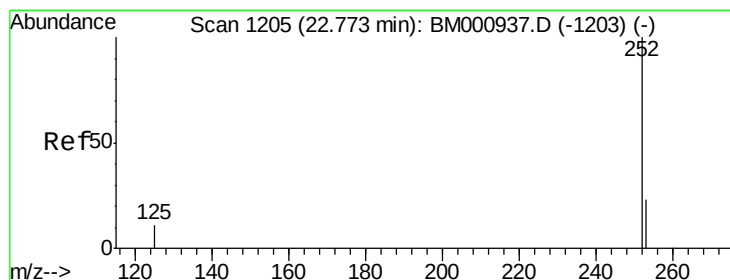
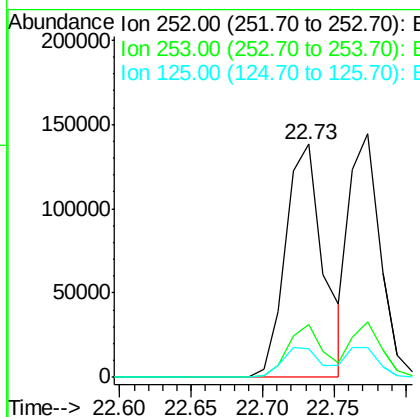
Instrument :
BNA_M
ClientSampleId :
PB82531BS



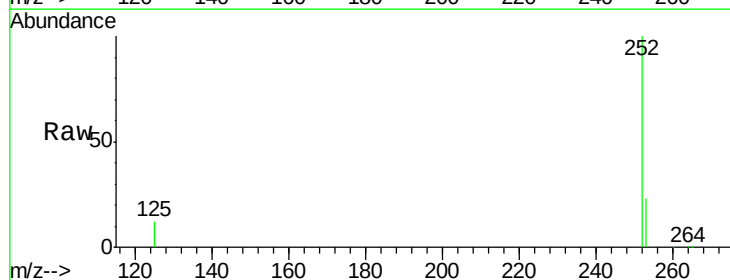
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	255867		
253	22.7	16.9	25.3	
125	12.1	11.3	16.9	

Manual Integrations
APPROVED

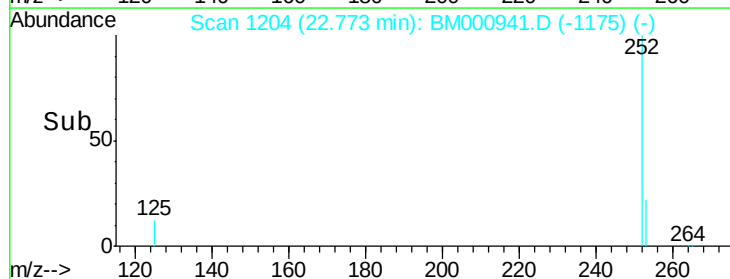
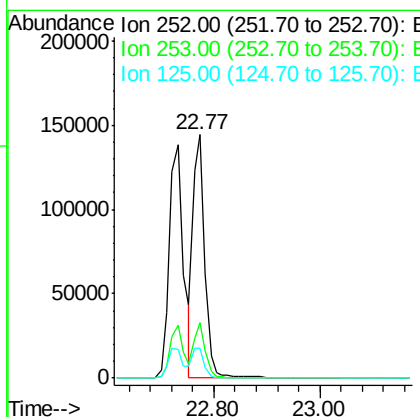
apatel
4/13/2015 4:23:33 PM

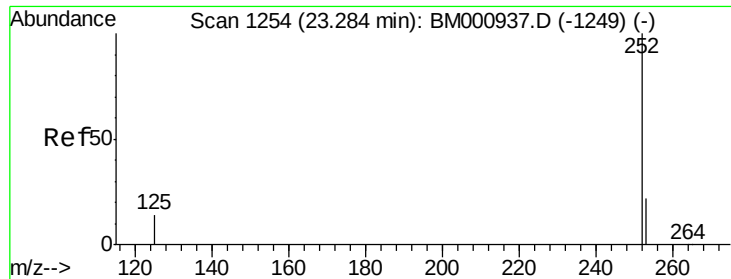


#40
Benzo(k)fluoranthene
Concen: 8.07 ng
RT: 22.77 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BM000941.D
Acq: 10 Apr 2015 16:14



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	221619		
253	22.6	16.9	25.3	
125	12.2	11.2	16.8	





#41

Benzo(a)pyrene

Concen: 8.99 ng

RT: 23.28 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BM000941.D

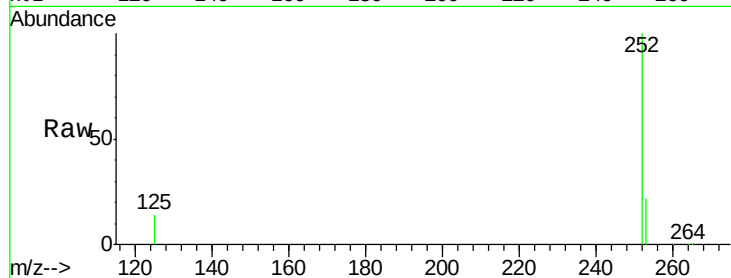
Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

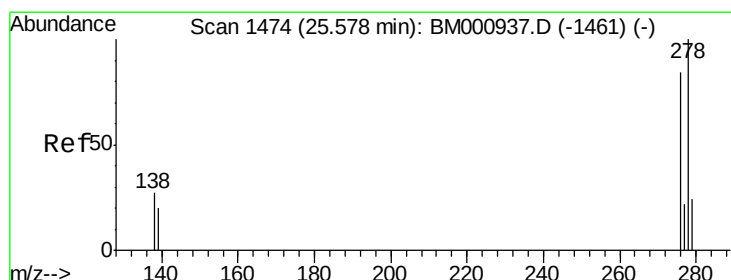
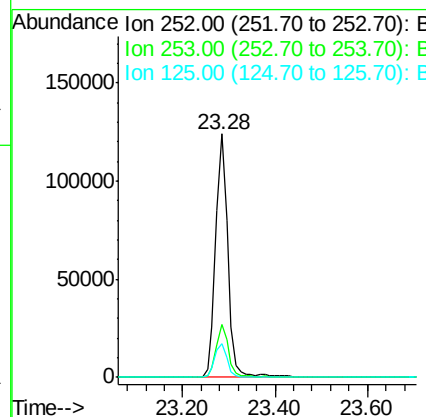
PB82531BS



Tgt Ion:	252	Resp:	225948
Ion Ratio	Lower	Upper	
252	100		
253	21.6	19.0	28.4
125	14.0	11.0	16.6

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM



#42

Dibenzo(a,h)anthracene

Concen: 8.64 ng

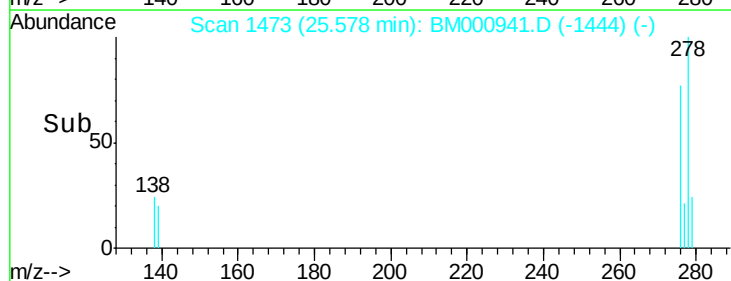
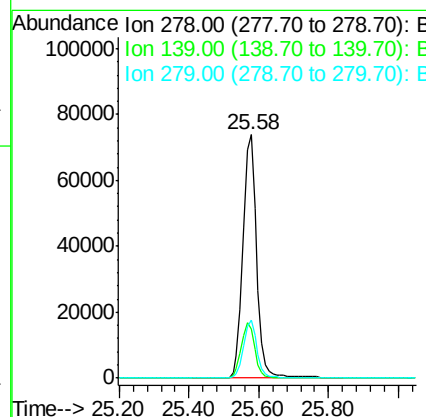
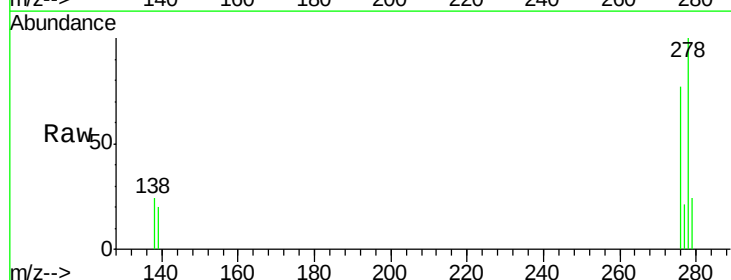
RT: 25.58 min Scan# 1473

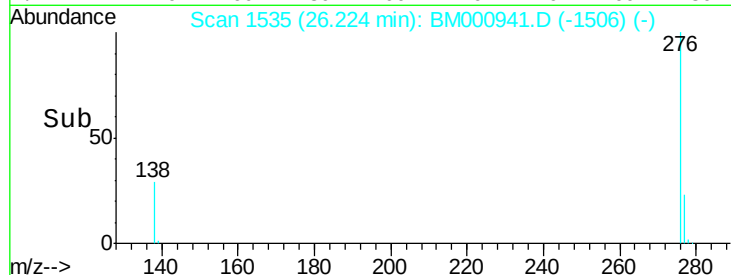
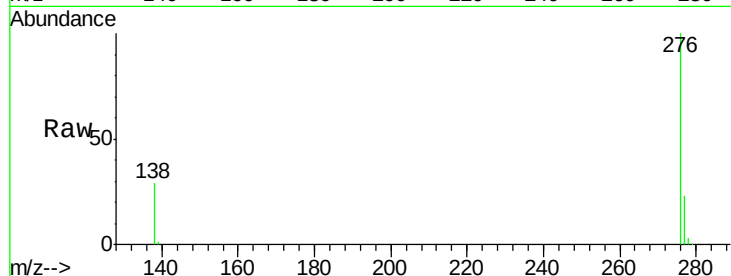
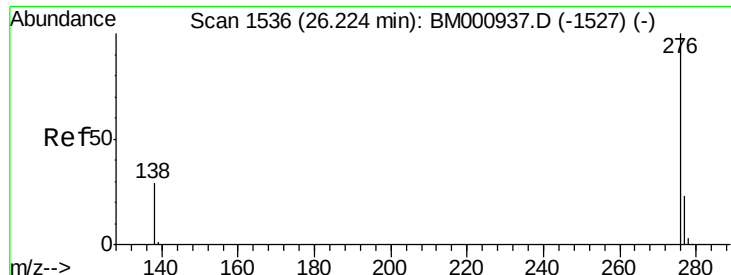
Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Tgt Ion:	278	Resp:	201311
Ion Ratio	Lower	Upper	
278	100		
139	19.9	17.8	26.8
279	23.7	19.0	28.6





#43

Benzo(g,h,i)perylene

Concen: 8.39 ng

RT: 26.22 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM000941.D

Acq: 10 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82531BS

Tgt Ion: 276 Resp: 215768

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 29.3 21.7 32.5

Manual Integrations
APPROVED

apatel
4/13/2015 4:23:33 PM

