

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016915.D
 Acq On : 7 May 2015 10:13
 Operator : TP/IZ
 Sample : G2114-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-1(12-18)

Manual Integrations
 APPROVED

apatel
 5/8/2015 5:07:53 PM

Quant Time: May 08 02:34:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	75243	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	335910	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	217884	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	474824	20.00	ng	0.00
75) Chrysene-d12	21.36	240	493233	20.00	ng	0.00
86) Perylene-d12	23.66	264	482240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	567352	131.29	ng	0.00
7) Phenol-d6	6.97	99	797810	129.23	ng	0.00
23) Nitrobenzene-d5	8.96	82	531584	77.31	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	262082	119.82	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	923500	63.96	ng	0.00
78) Terphenyl-d14	19.81	244	1309026	62.22	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.99	94	18662	2.82	ng	88
49) Dimethylphthalate	13.89	163	74771	4.60	ng	98
70) Phenanthrene	17.22	178	77925	3.19	ng	# 94
74) Fluoranthene	19.24	202	165103	5.82	ng	99
77) Pyrene	19.60	202	148302	5.09	ng	99
80) Benzo(a)anthracene	21.34	228	73912	2.79	ng	99
82) Chrysene	21.40	228	62755m	2.53	ng	
87) Benzo(b)fluoranthene	22.96	252	79447	2.96	ng	100
89) Benzo(a)pyrene	23.56	252	60020	2.40	ng	98

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

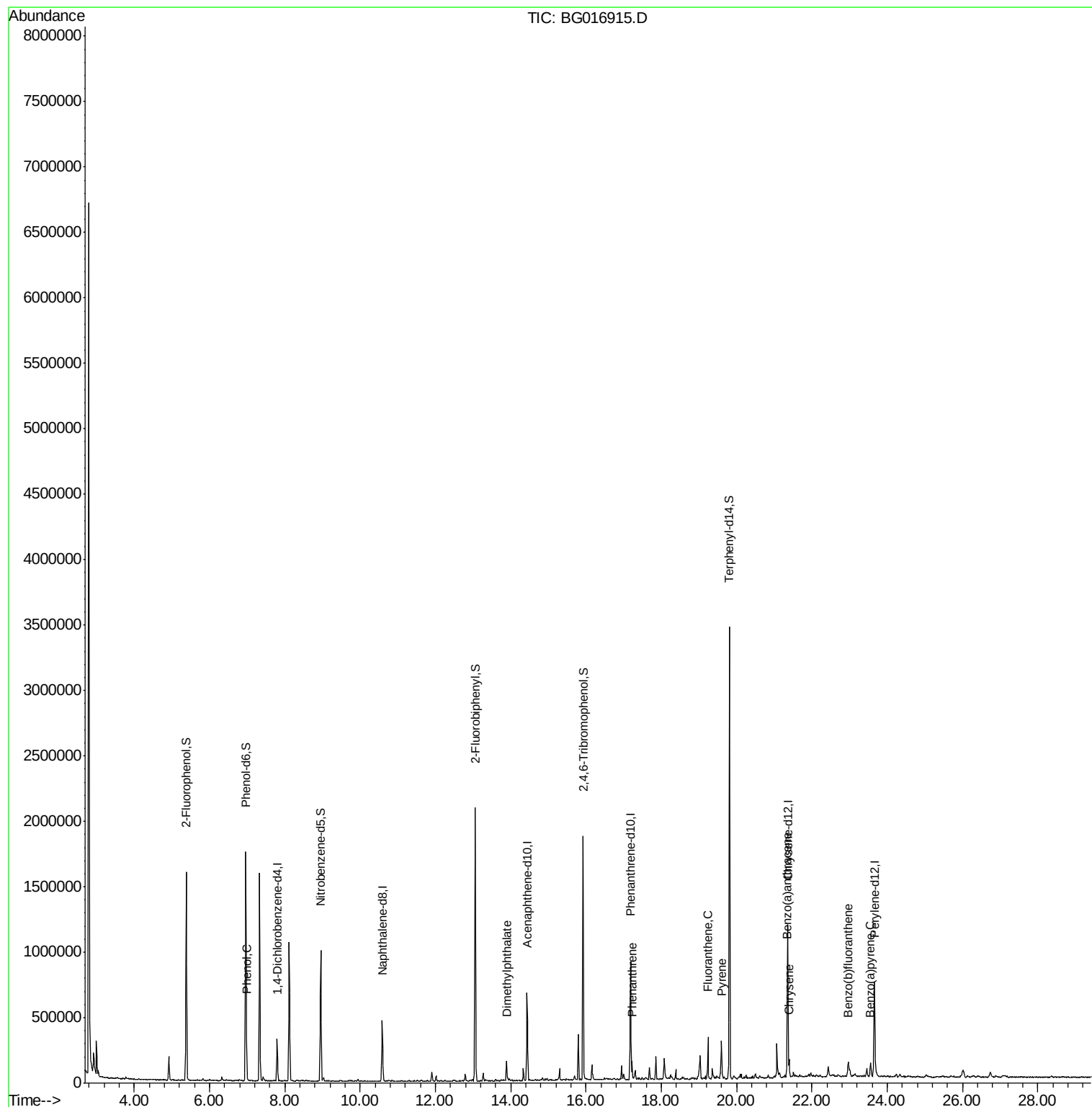
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016915.D
Acq On : 7 May 2015 10:13
Operator : TP/IZ
Sample : G2114-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

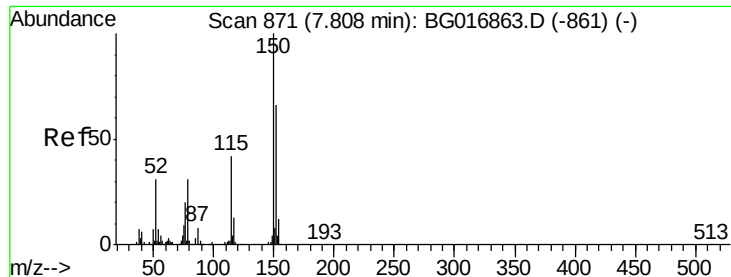
Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Manual Integrations
APPROVED

apatel
5/8/2015 5:07:53 PM

Quant Time: May 08 02:34:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 02:05:00 2015
Response via : Initial Calibration





#1

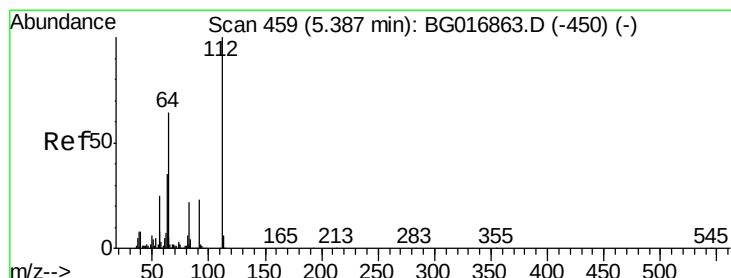
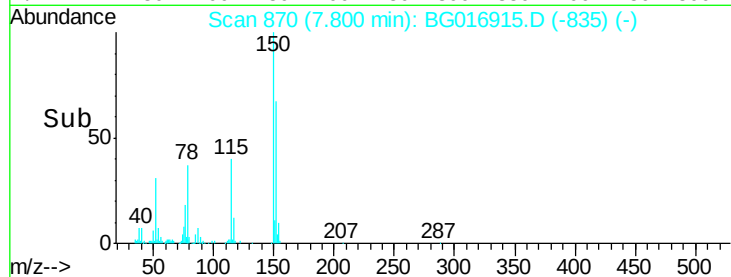
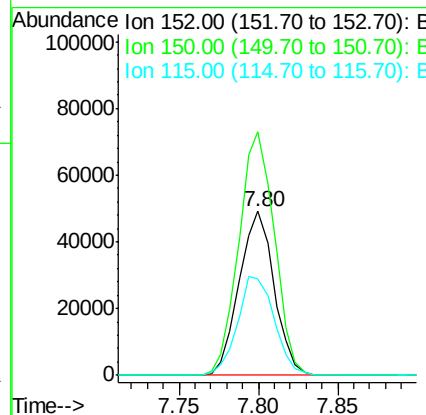
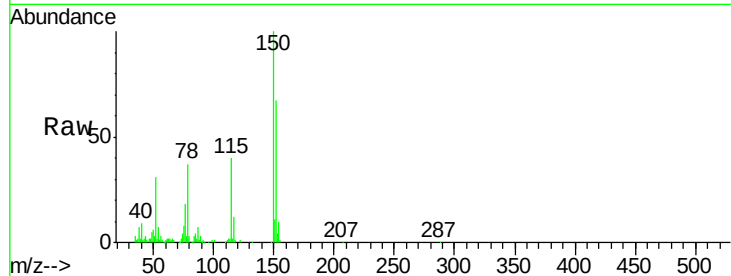
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	121.0	181.4
115	59.2	50.5	75.7

Manual Integrations
APPROVED

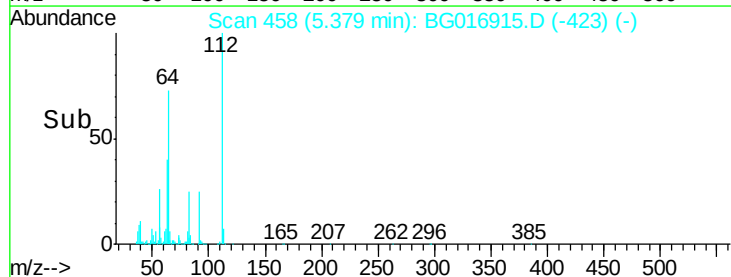
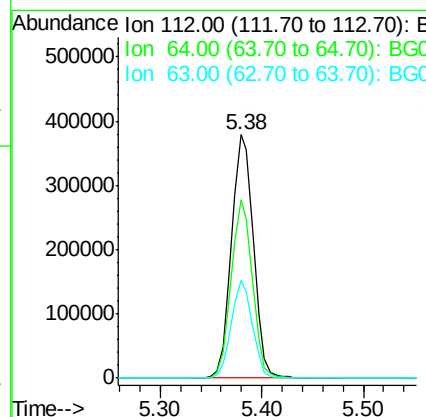
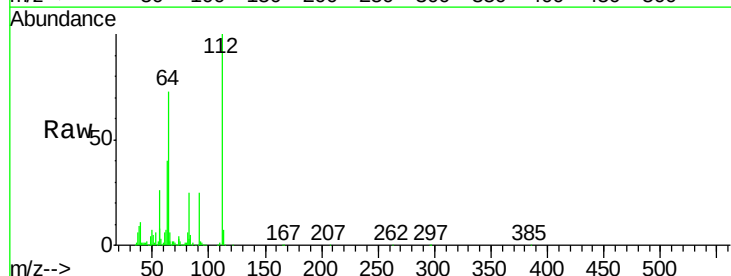
apatel
5/8/2015 5:07:53 PM

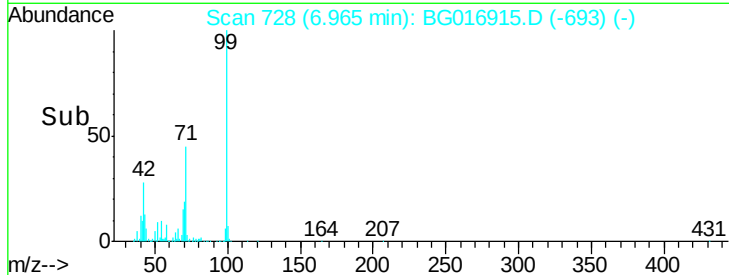
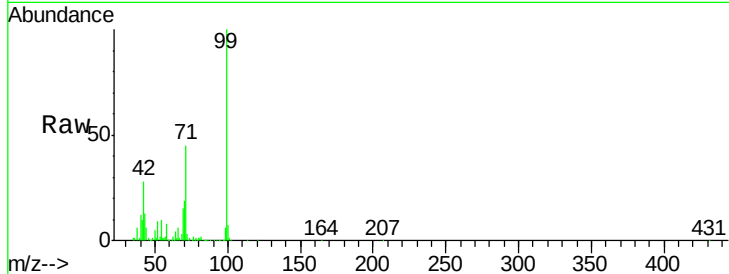
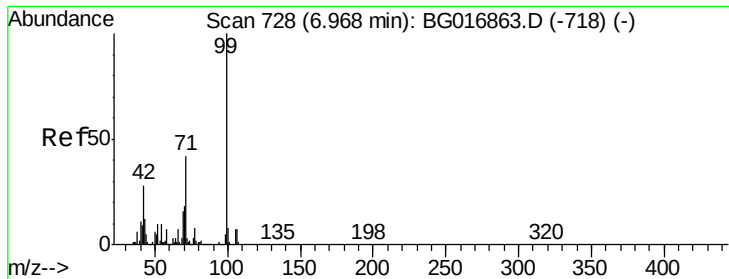


#5

2-Fluorophenol
Concen: 131.29 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	51.4	77.2
63	40.0	28.1	42.1





#7

Phenol-d6

Concen: 129.23 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Tot Ion:	99	Resp:	797810
Ion Ratio	Lower	Upper	
99	100		
42	27.9	22.1	33.1
71	44.7	33.4	50.0

Instrument :

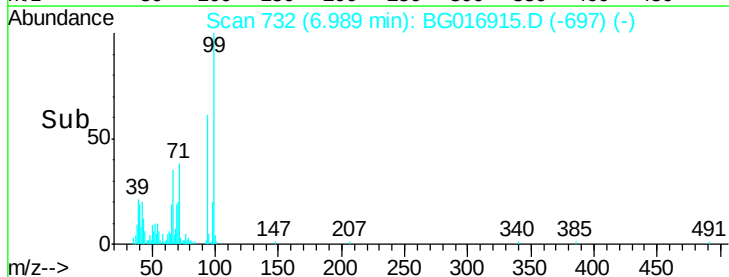
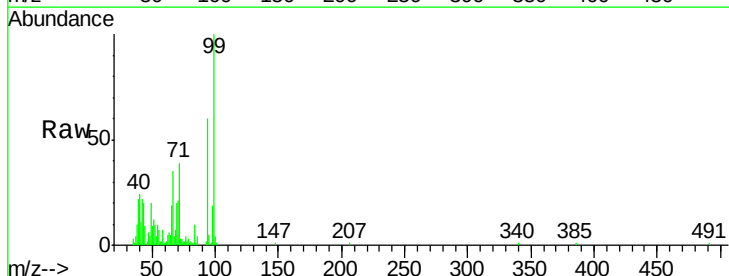
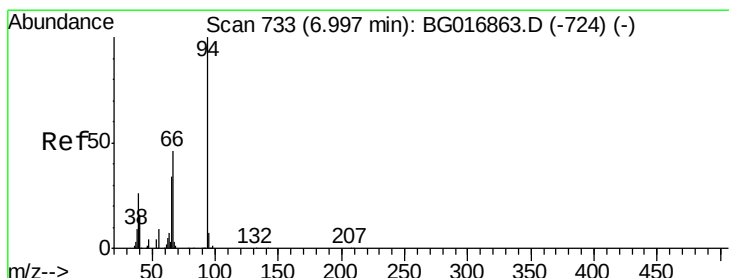
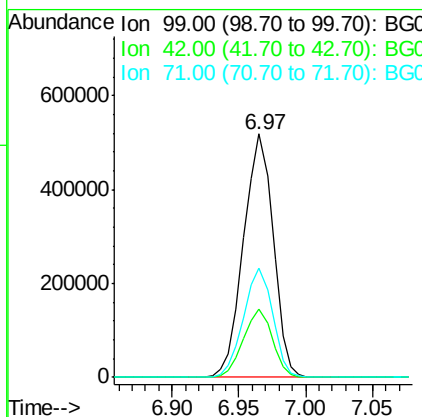
BNA_G

ClientSampleId :

GRID-1(12-18)

Manual Integrations
APPROVED

apatel
5/8/2015 5:07:53 PM



#10

Phenol

Concen: 2.82 ng

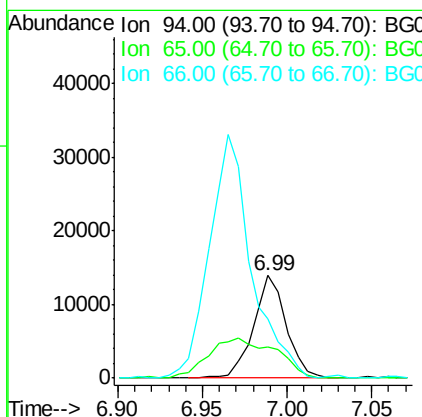
RT: 6.99 min Scan# 732

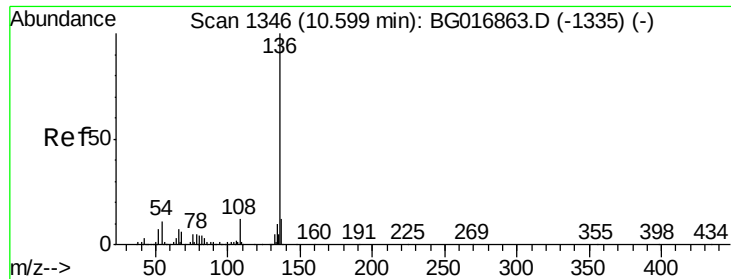
Delta R.T. 0.01 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Tgt Ion:	94	Resp:	18662
Ion Ratio	Lower	Upper	
94	100		
65	31.0	14.3	54.3
66	58.0	26.9	66.9





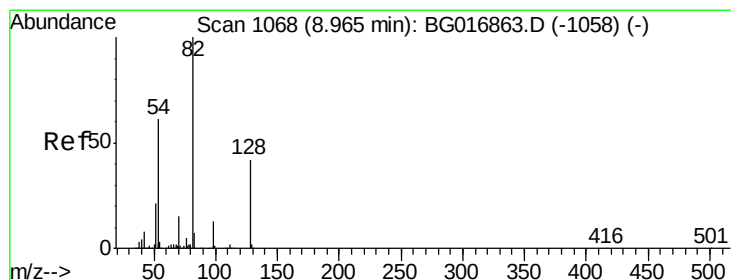
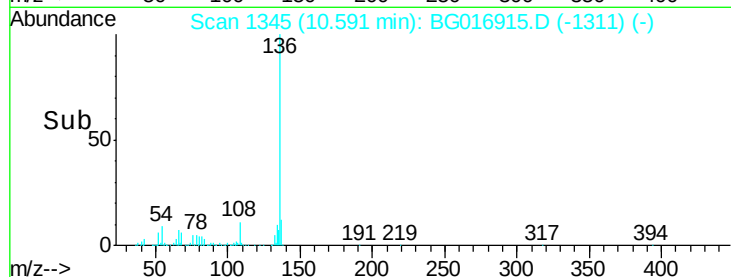
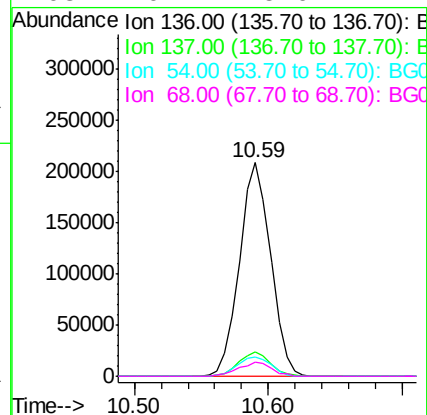
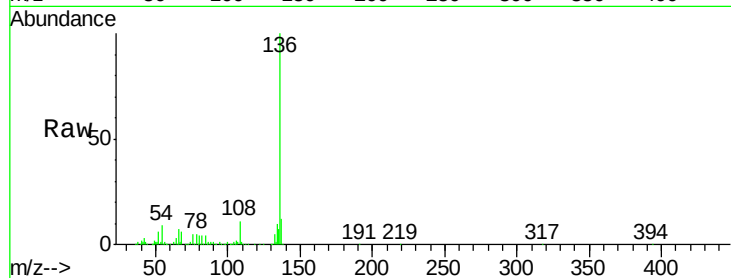
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		335910		
137	11.7		9.8	14.8	
54	9.0		8.7	13.1	
68	6.4		5.0	7.4	

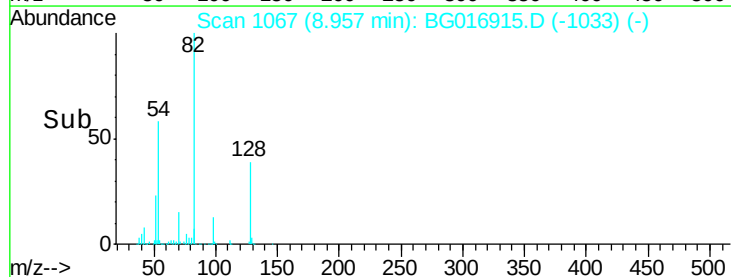
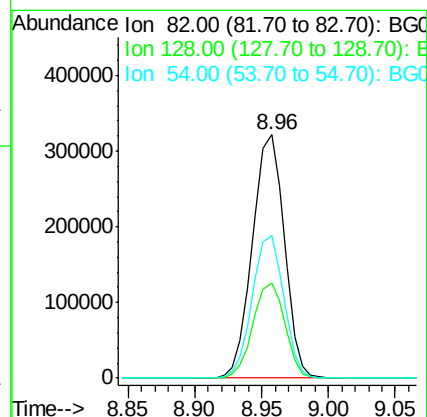
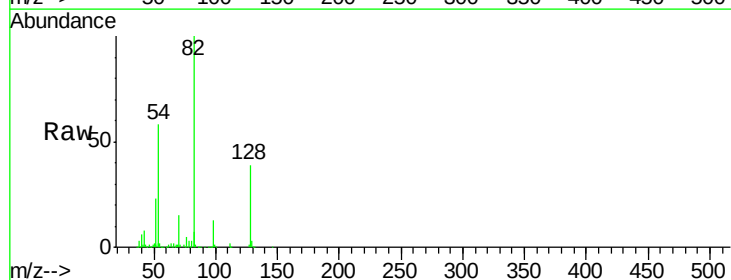
Manual Integrations
APPROVED

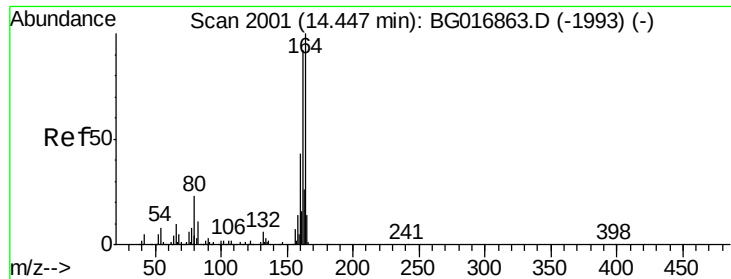
apatel
5/8/2015 5:07:53 PM



#23
Nitrobenzene-d5
Concen: 77.31 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		531584		
128	39.1		33.2	49.8	
54	58.4		48.6	72.8	





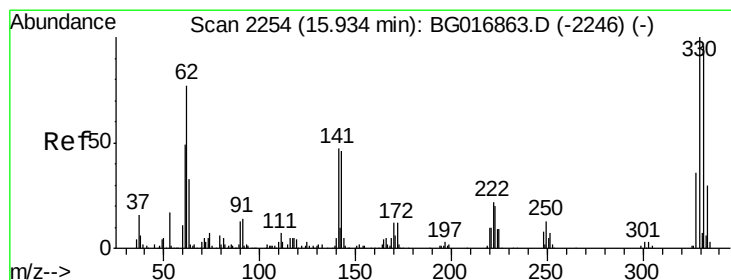
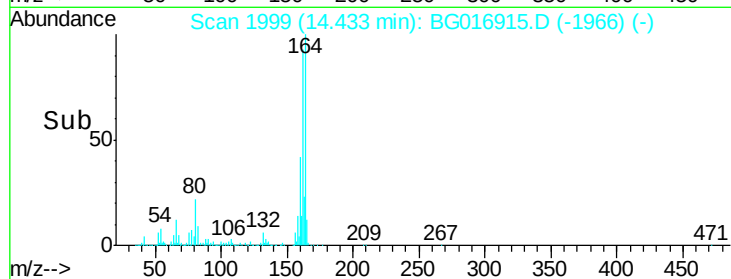
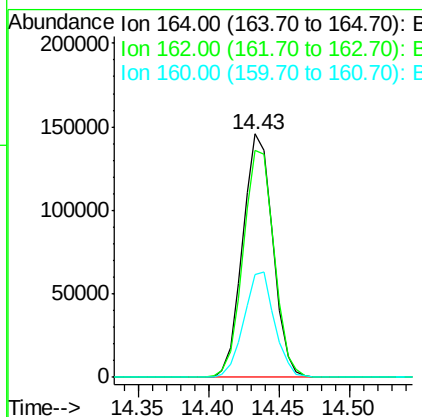
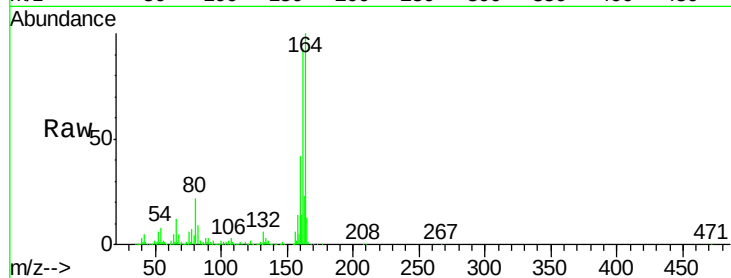
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	93.1	74.0	111.0	
160	42.2	34.7	52.1	

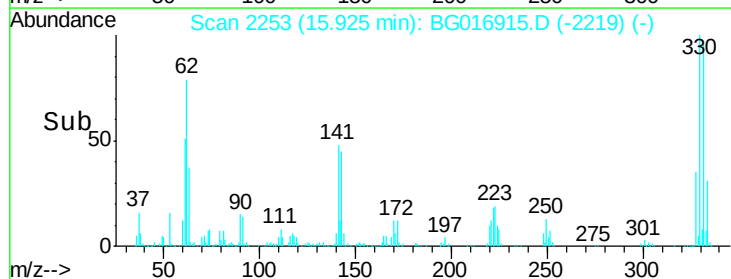
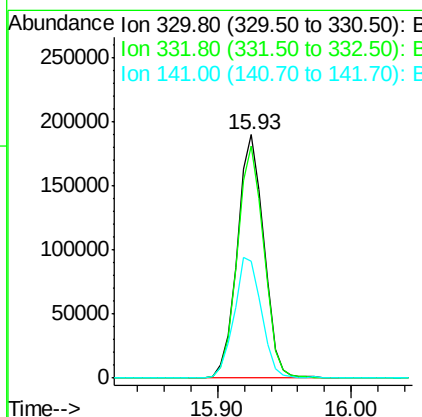
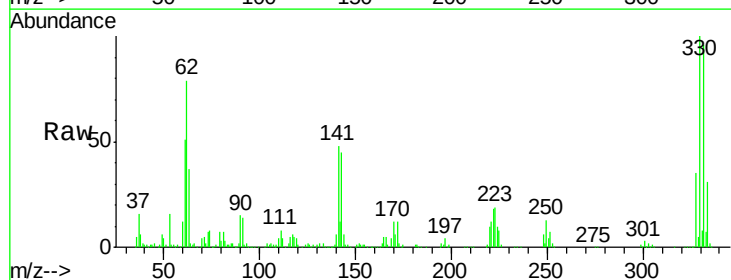
Manual Integrations
APPROVED

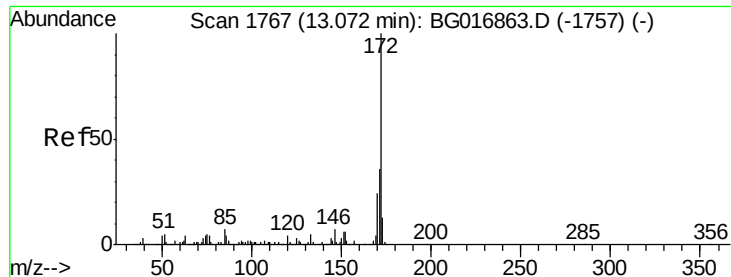
apatel
5/8/2015 5:07:53 PM



#41
2,4,6-Tribromophenol
Concen: 119.82 ng
RT: 15.93 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	0.0	0.0#	
141	51.6	0.0	0.0#	





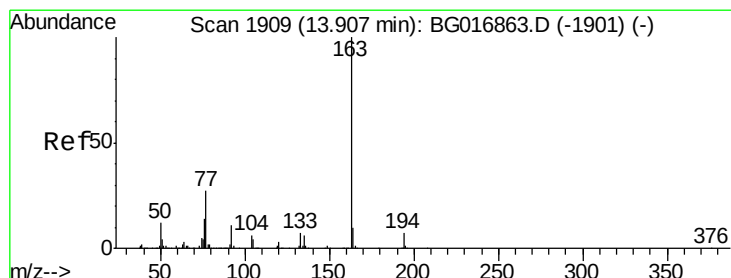
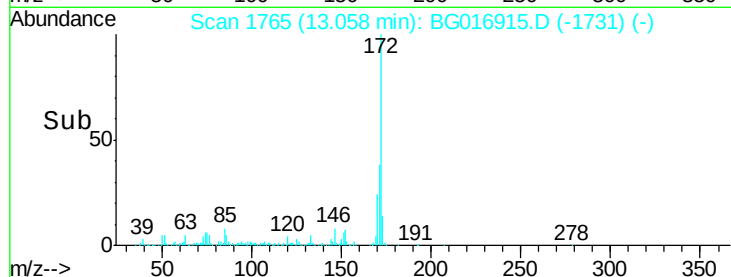
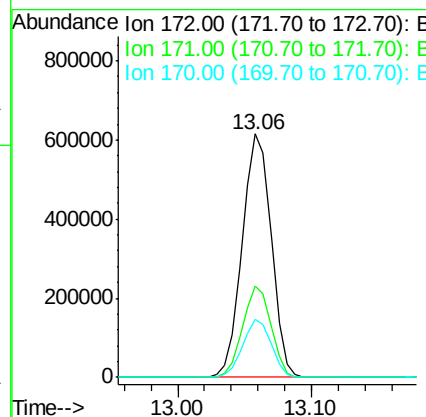
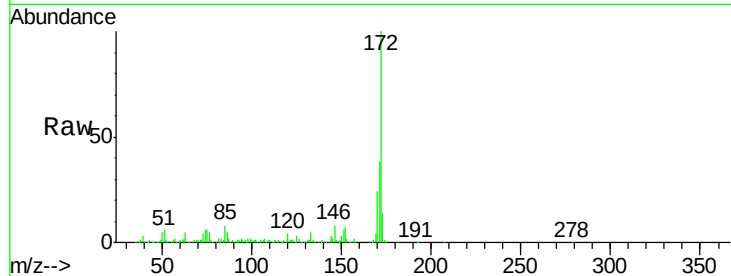
#44
2-Fluorobiphenyl
Concen: 63.96 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	24.0	19.0	28.4

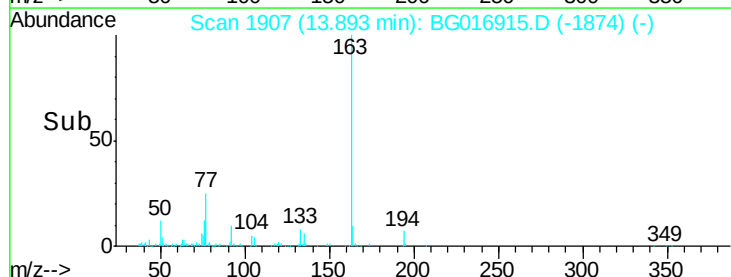
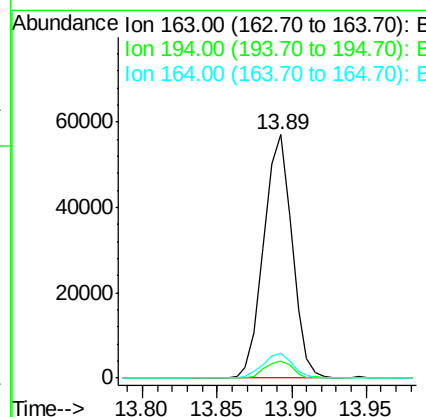
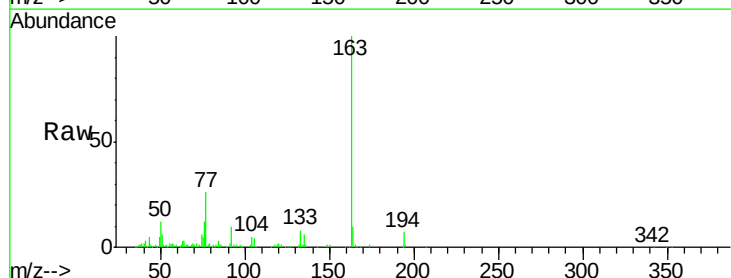
Manual Integrations
APPROVED

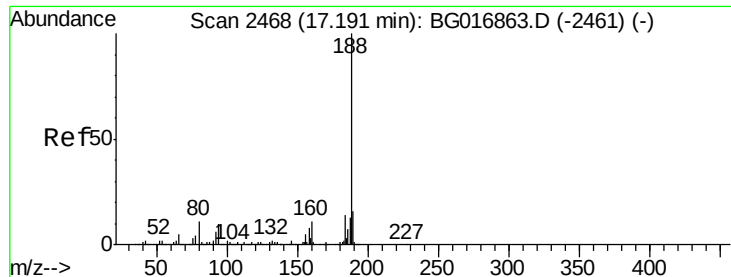
apatel
5/8/2015 5:07:53 PM



#49
Dimethylphthalate
Concen: 4.60 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.1	5.2	7.8
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Instrument :

BNA_G

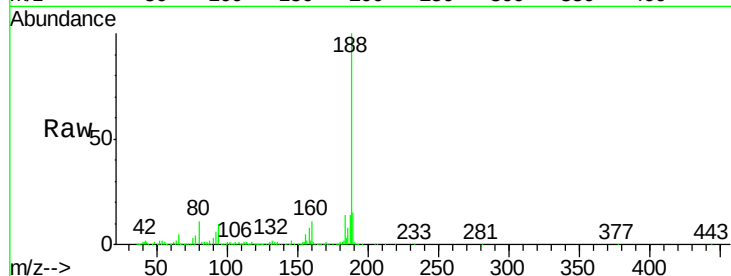
ClientSampleId :

GRID-1(12-18)

Tot Ion	188	Resp	474824
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.2	12.4
80	10.8	8.8	13.2

Manual Integrations
APPROVED

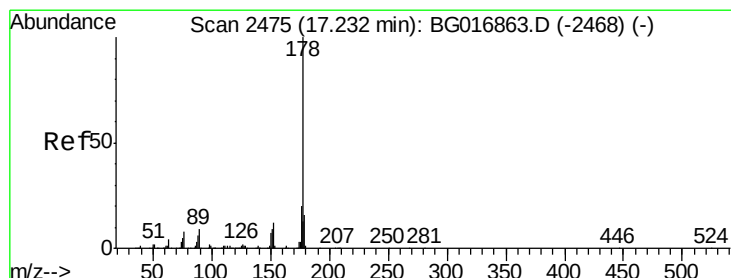
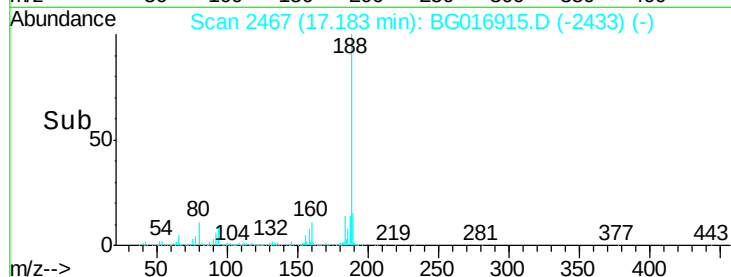
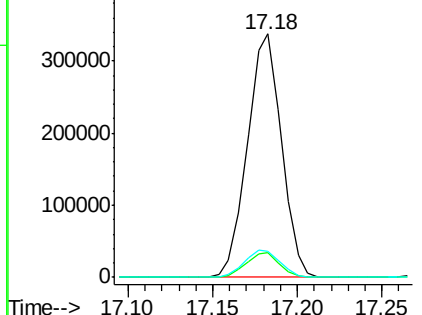
apatel
5/8/2015 5:07:53 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGO

Ion 80.00 (79.70 to 80.70): BGO



#70

Phenanthrene

Concen: 3.19 ng

RT: 17.22 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016915.D

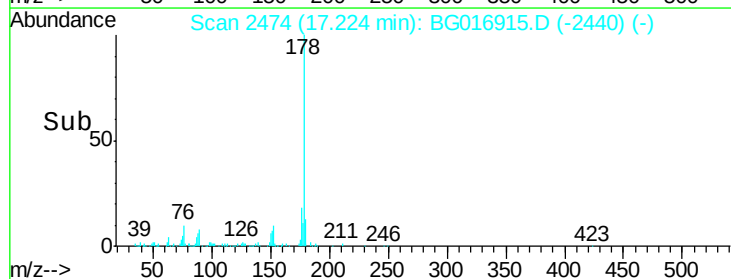
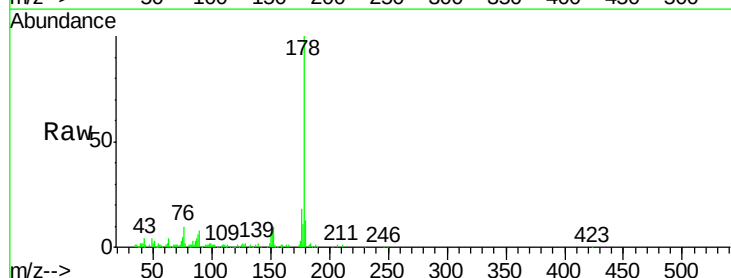
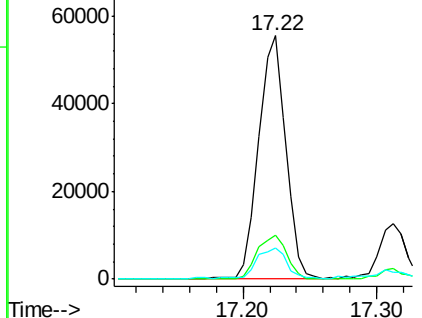
Acq: 7 May 2015 10:13

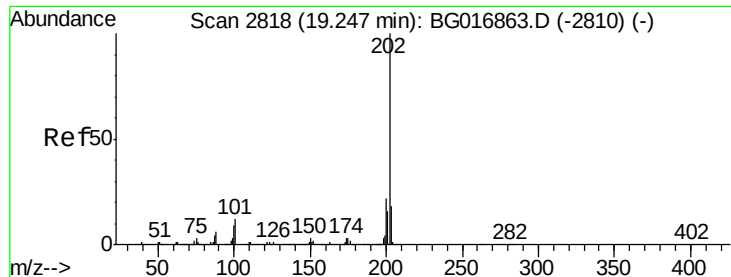
Tgt Ion	178	Resp	77925
Ion Ratio	Lower	Upper	
178	100		
176	18.0	16.0	24.0
179	12.8	13.0	19.6#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.82 ng

RT: 19.24 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Instrument :

BNA_G

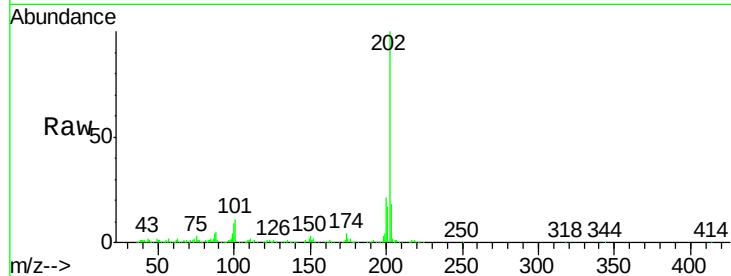
ClientSampleId :

GRID-1(12-18)

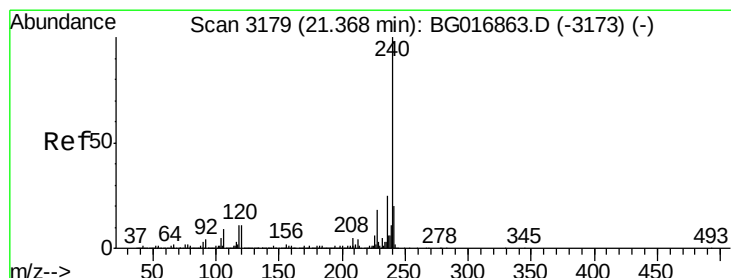
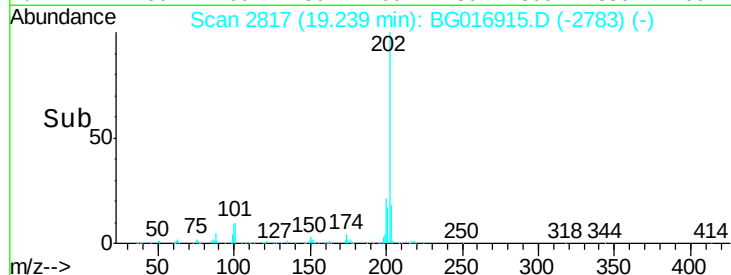
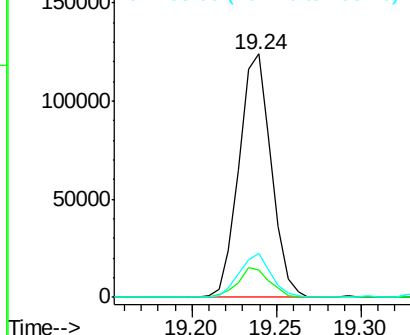
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.5
203	18.2	0.0	38.1

Manual Integrations
APPROVED

apatel
5/8/2015 5:07:53 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

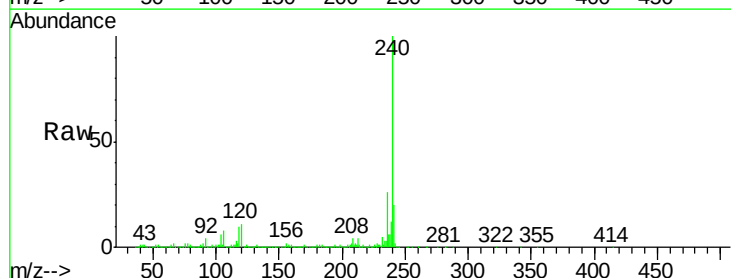
RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

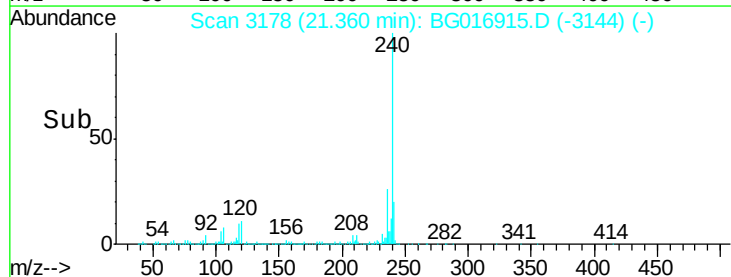
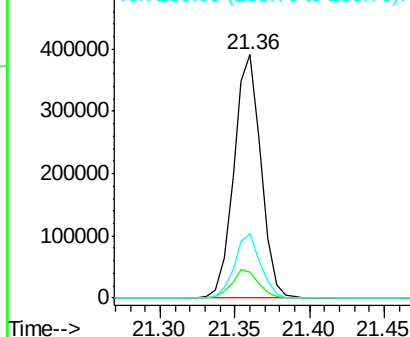
Lab File: BG016915.D

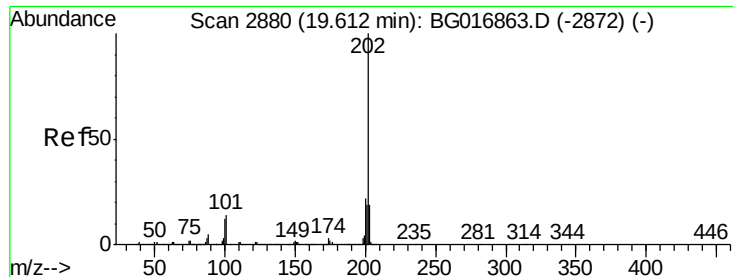
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	9.1	13.7
236	26.3	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.09 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Instrument :

BNA_G

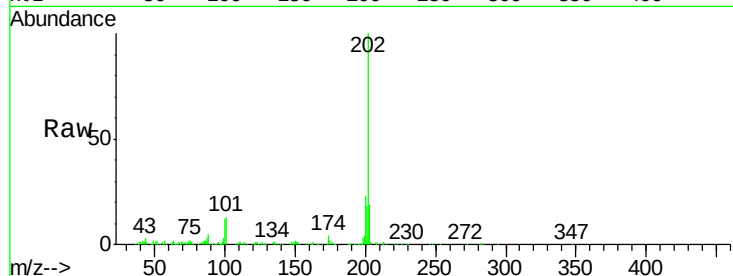
ClientSampleId :

GRID-1(12-18)

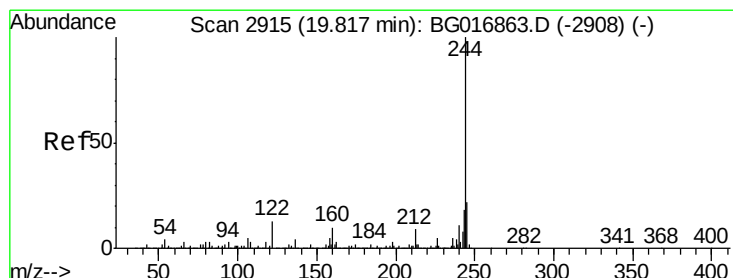
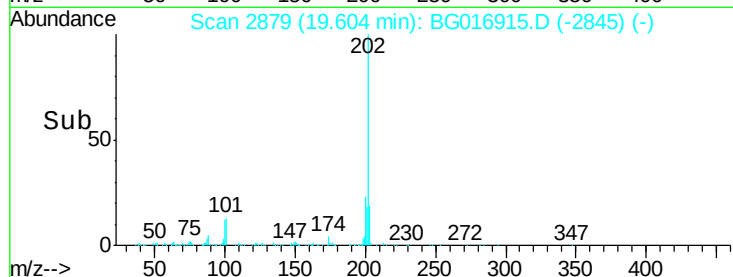
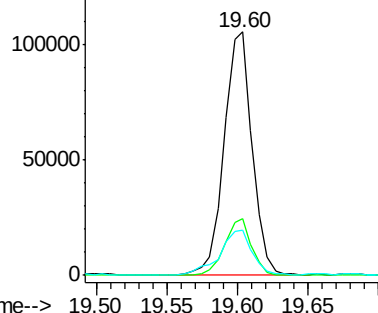
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.3	17.9	26.9
203	18.8	15.2	22.8

Manual Integrations
APPROVED

apatel
5/8/2015 5:07:53 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.22 ng

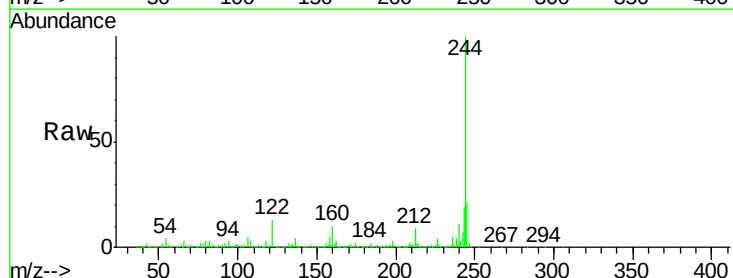
RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

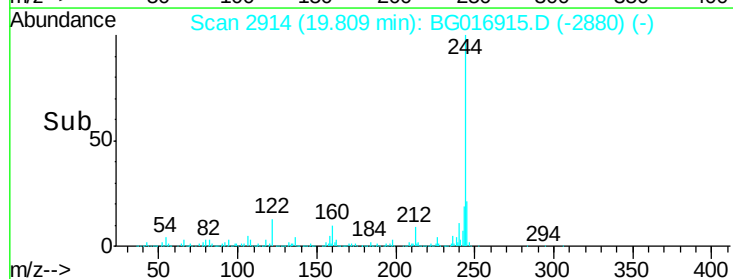
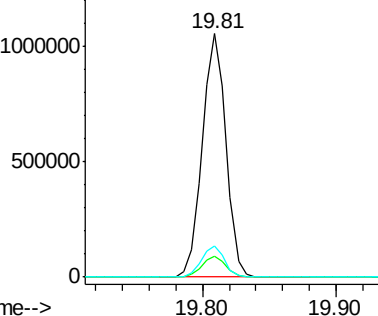
Lab File: BG016915.D

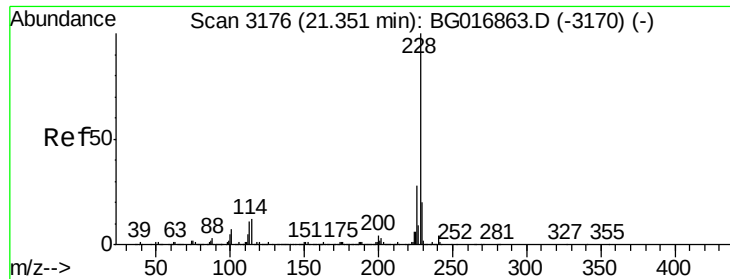
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	7.0	10.6
122	12.7	10.4	15.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





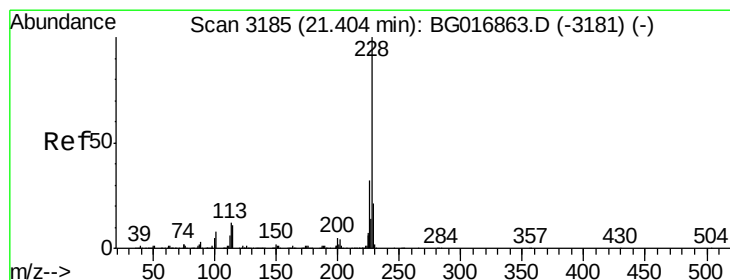
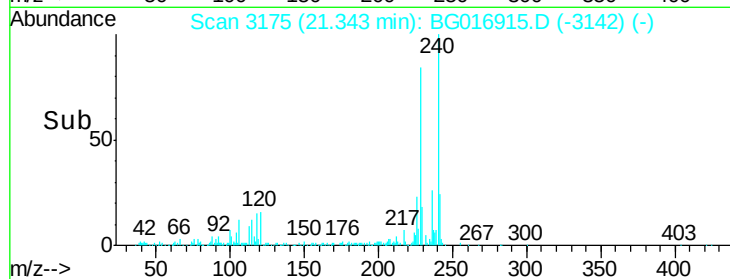
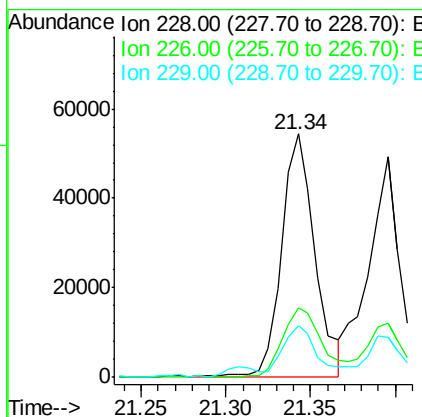
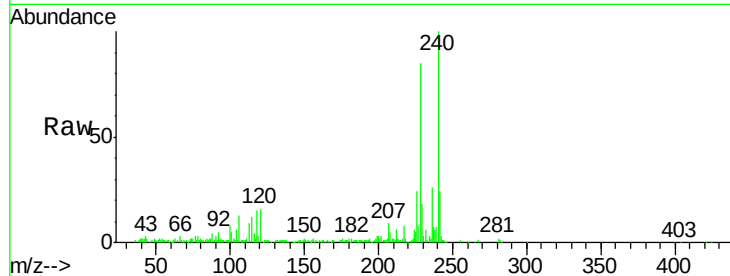
#80
Benzo(a)anthracene
Concen: 2.79 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.4	16.1	24.1

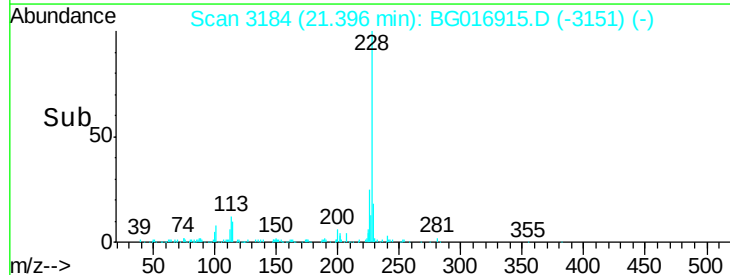
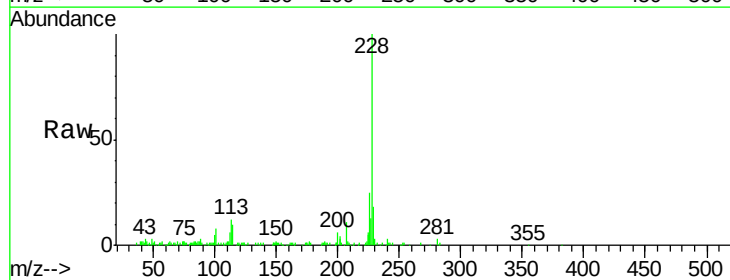
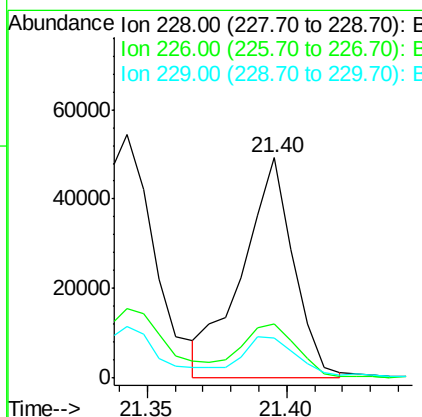
Manual Integrations
APPROVED

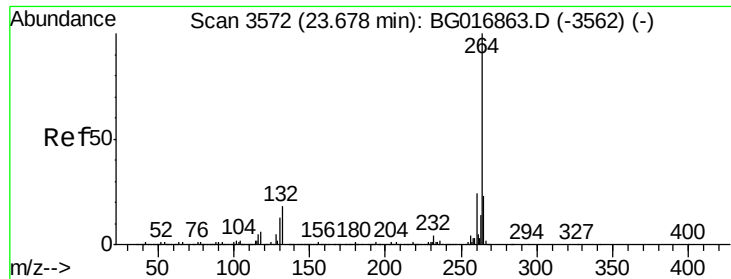
apatel
5/8/2015 5:07:53 PM



#82
Chrysene
Concen: 2.53 ng m
RT: 21.40 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.5	25.4	38.0#
229	18.3	16.5	24.7





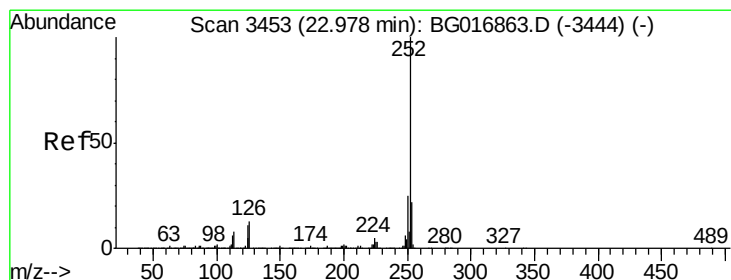
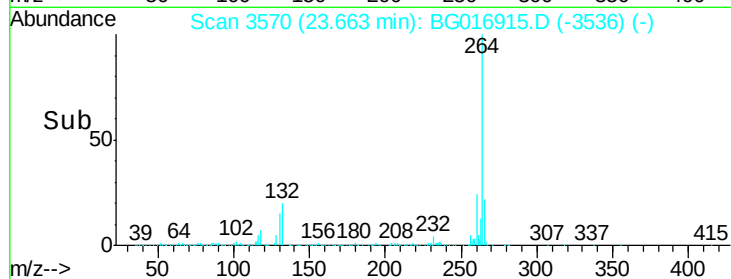
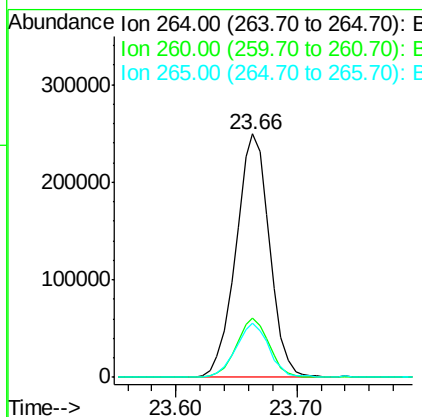
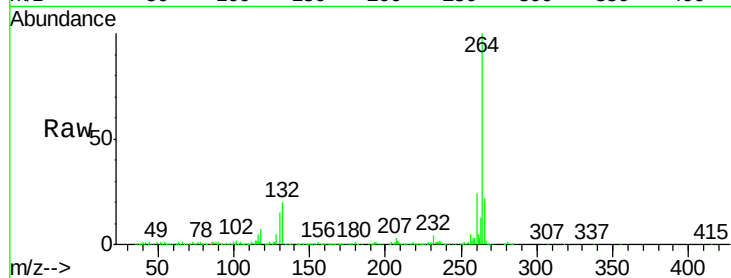
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Instrument :
BNA_G
ClientSampleId :
GRID-1(12-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	18.5	27.7

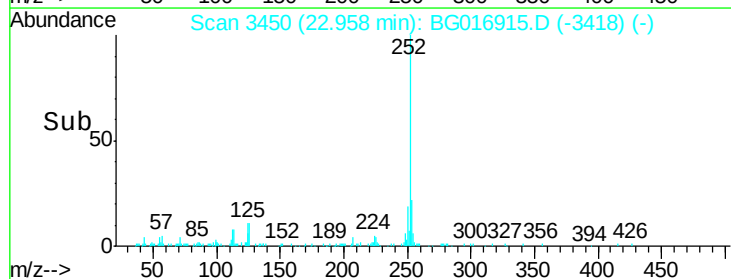
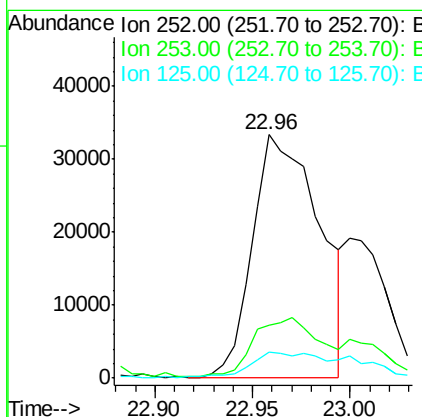
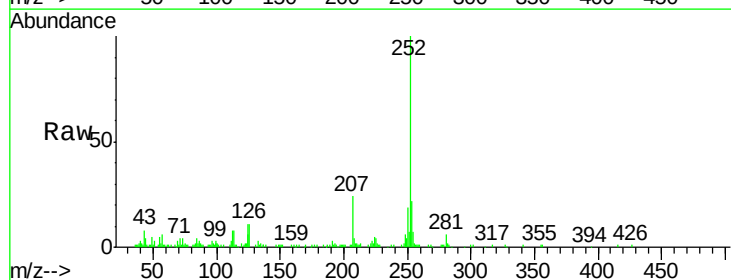
Manual Integrations
APPROVED

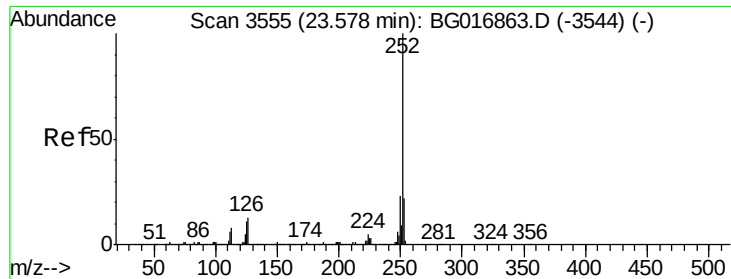
apatel
5/8/2015 5:07:53 PM



#87
Benzo(b)fluoranthene
Concen: 2.96 ng
RT: 22.96 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BG016915.D
Acq: 7 May 2015 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.7	8.6	13.0





#89

Benzo(a)pyrene

Concen: 2.40 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG016915.D

Acq: 7 May 2015 10:13

Instrument :

BNA_G

ClientSampleId :

GRID-1(12-18)

Tot Ion:	252	Resp:	60020
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	12.0	8.5	12.7

Manual Integrations
APPROVED

apatel
5/8/2015 5:07:53 PM

