

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019868.D
 Acq On : 3 Dec 2015 13:26
 Operator : UM/NP
 Sample : G4583-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:14:17 PM

Quant Time: Dec 03 16:21:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22392	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	92176	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	68555	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	188854	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	234608	20.00	ng	-0.02
86) Perylene-d12	25.07	264	221802	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	187202	151.10	ng	0.00
7) Phenol-d6	7.27	99	259266	138.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	201428	111.53	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	175818	167.61	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	506284	100.84	ng	0.00
78) Terphenyl-d14	20.10	244	996584	103.61	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.00	128	354539	71.80	ng	99
37) 2-Methylnaphthalene	12.60	142	17566	4.85	ng	90
51) Acenaphthene	14.82	154	25652	5.72	ng	97
70) Phenanthrene	17.54	178	30588	2.86	ng	99

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

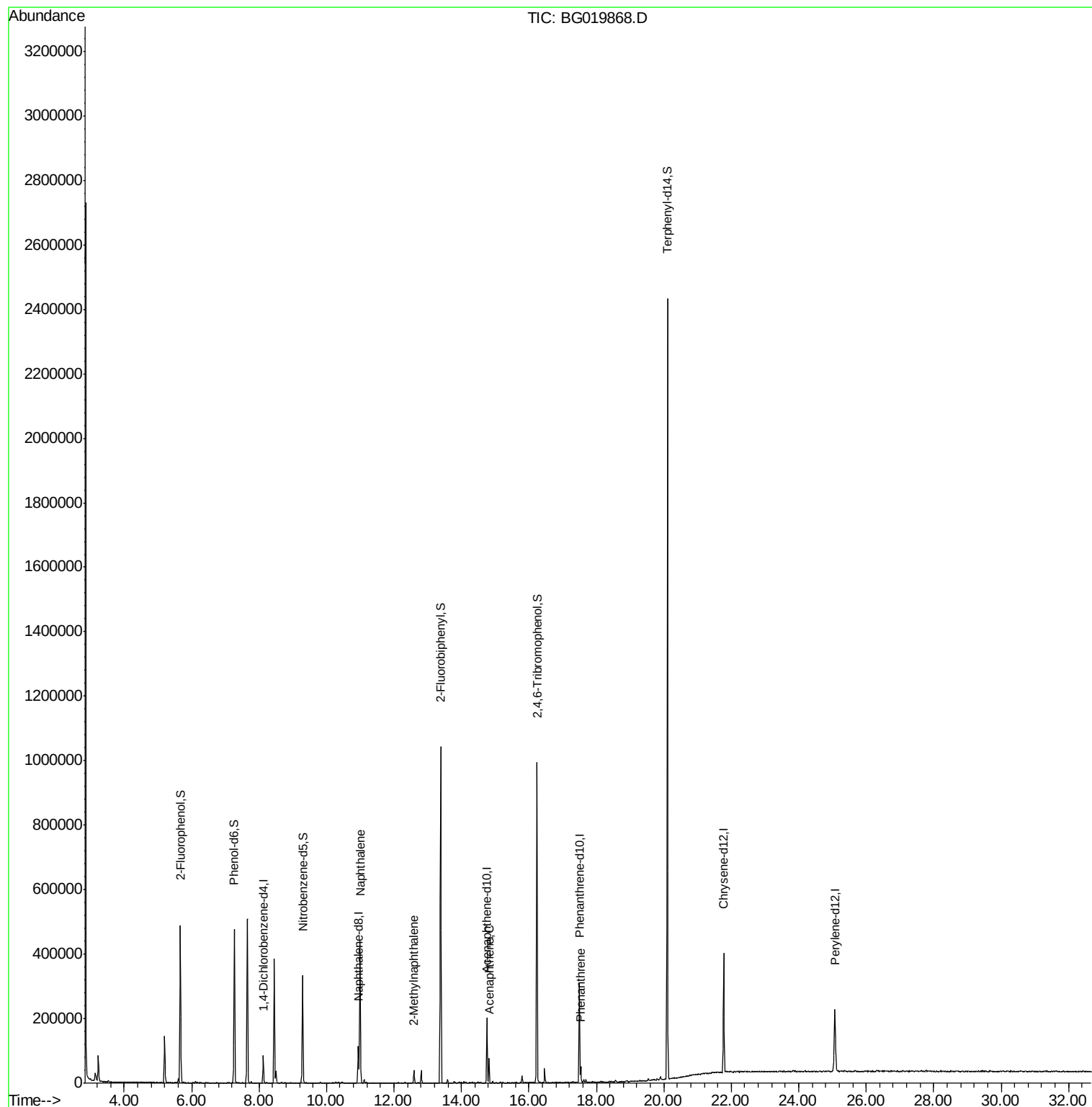
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019868.D
Acq On : 3 Dec 2015 13:26
Operator : UM/NP
Sample : G4583-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

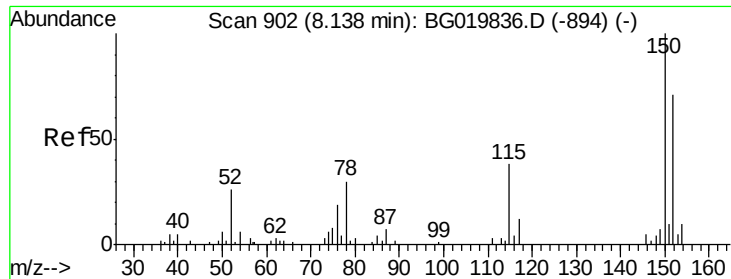
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-08(0-8)

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:17 PM

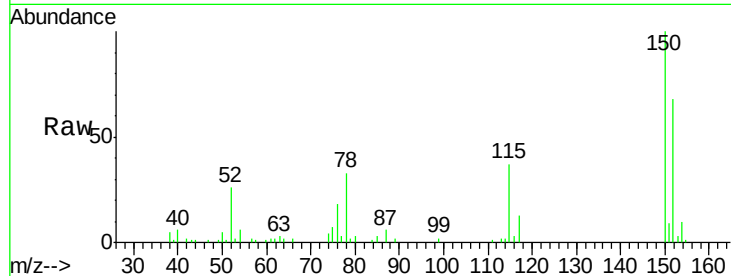
Quant Time: Dec 03 16:21:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

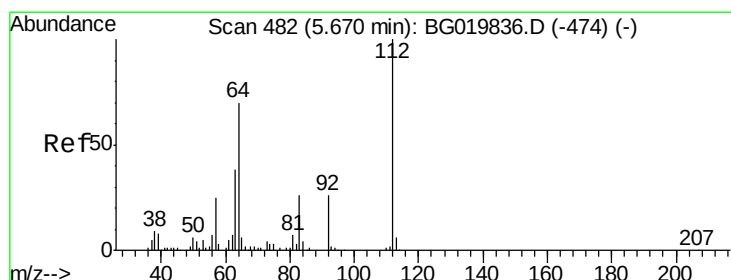
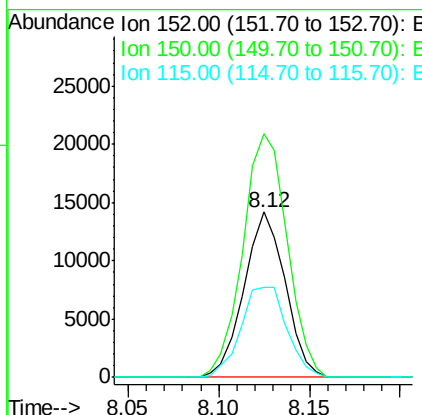
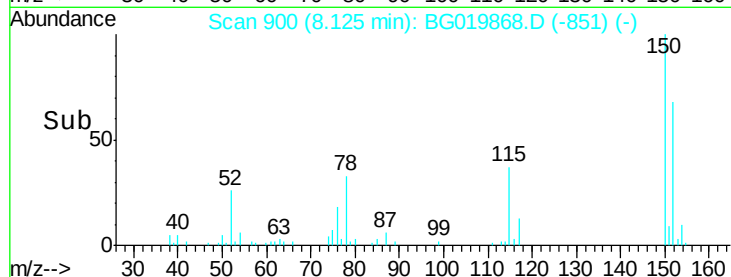
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.4	115.0	172.4
115	54.8	43.9	65.9

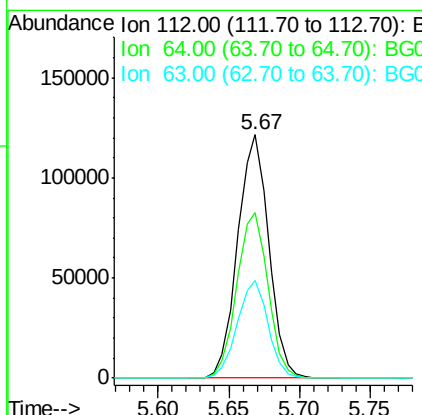
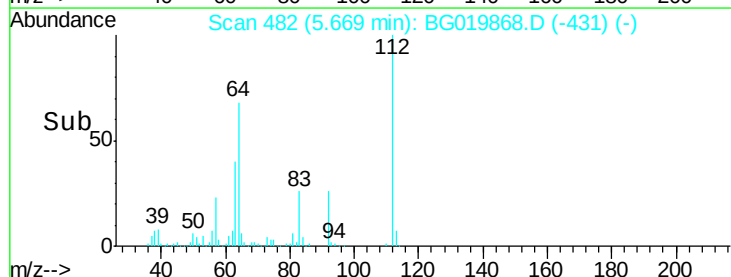
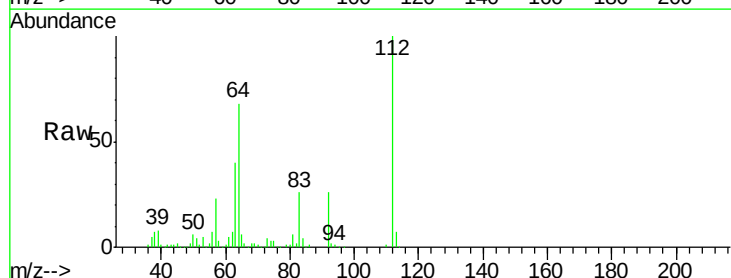
Manual Integrations
 APPROVED

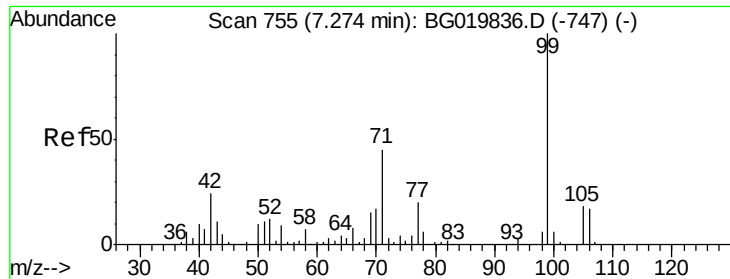
Mmdadoda
 12/3/2015 7:14:17 PM



#5
 2-Fluorophenol
 Concen: 151.10 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	43.7	65.5#
63	40.1	24.0	36.0#





#7

Phenol-d6

Concen: 138.60 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019868.D

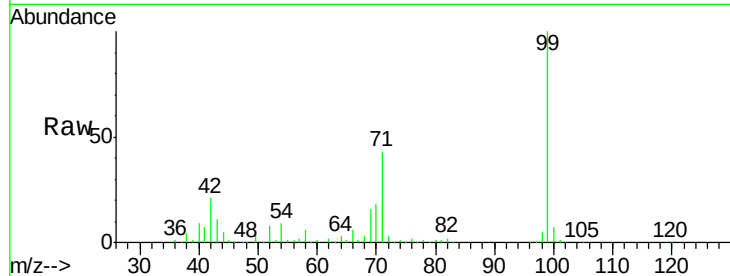
Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

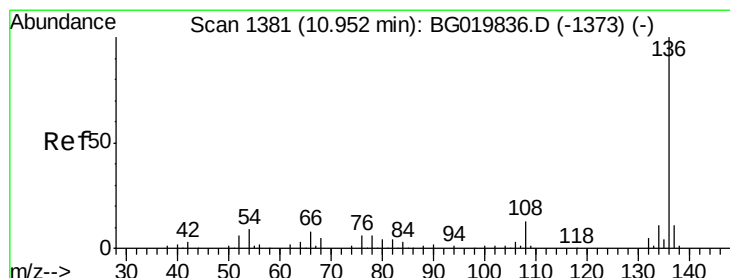
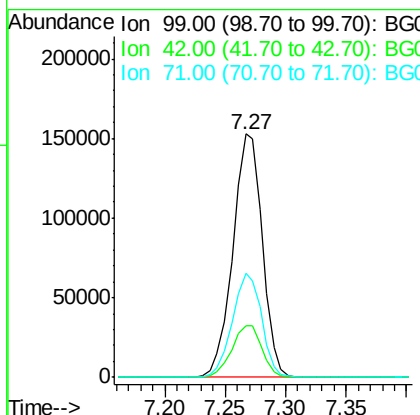
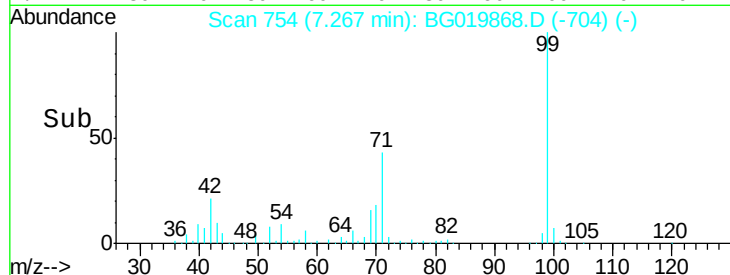
SB-P3WC-08(0-8)



Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.5	17.3#
71	42.7	22.6	34.0#

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:17 PM



#21

Naphthalene-d8

Concen: 20.00 ng

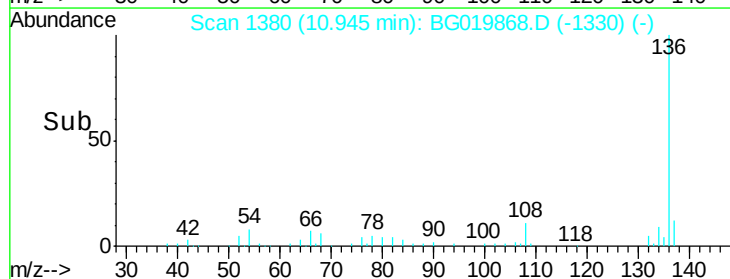
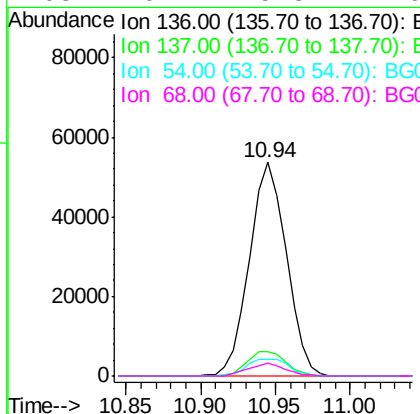
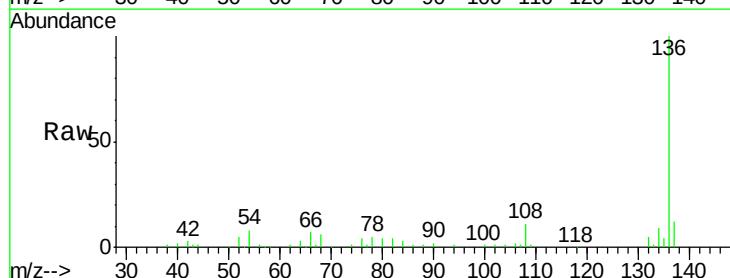
RT: 10.94 min Scan# 1380

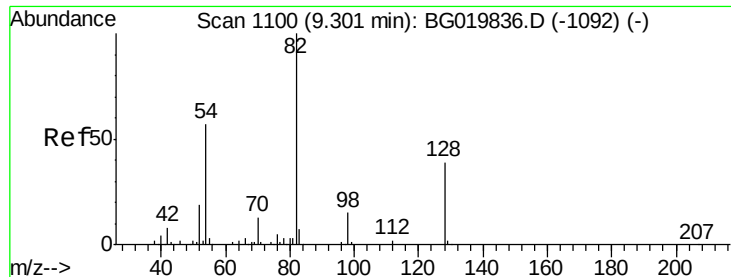
Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	7.9	5.4	8.2
68	6.1	5.3	7.9





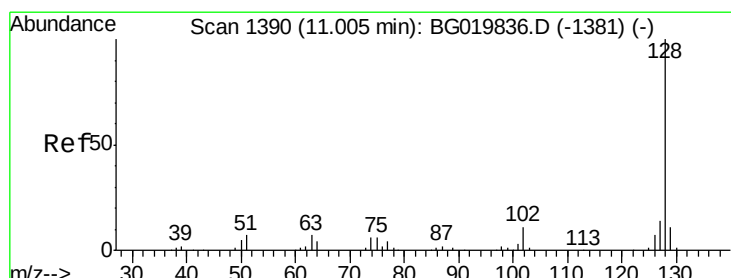
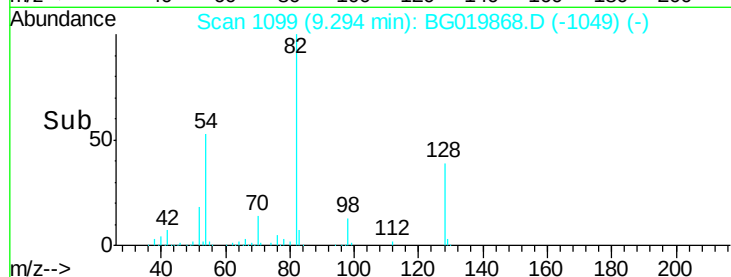
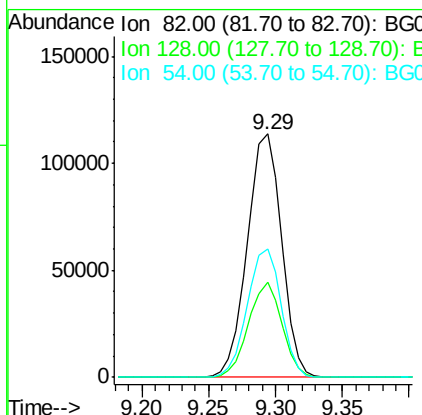
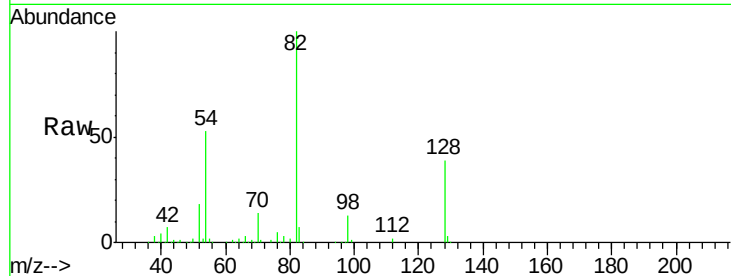
#23
 Nitrobenzene-d5
 Concen: 111.53 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.7	55.1
54	53.0	33.8	50.8

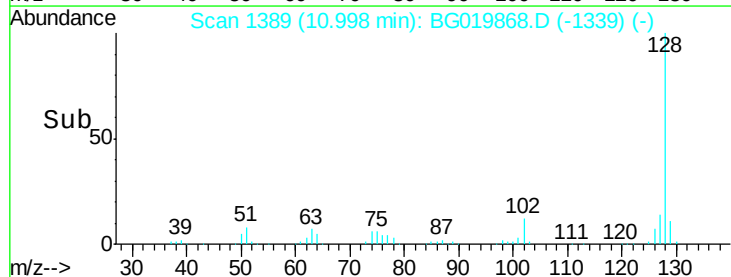
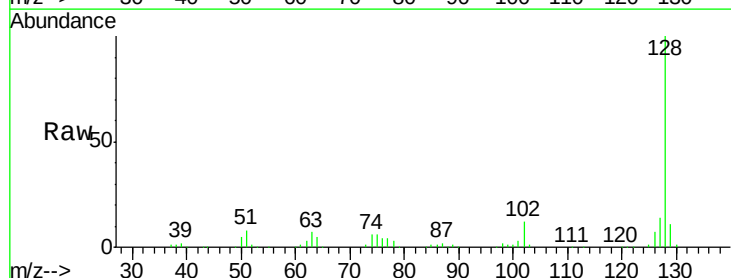
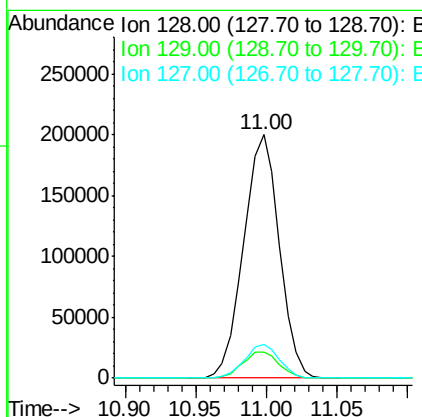
Manual Integrations
 APPROVED

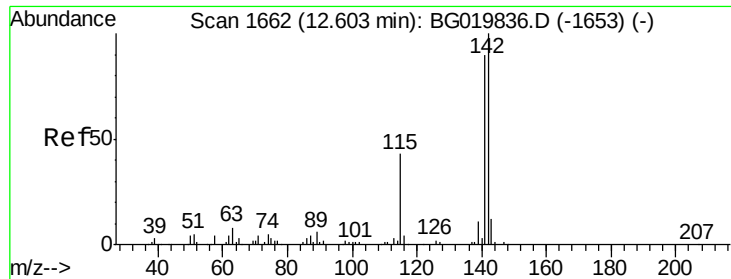
Mmdadoda
 12/3/2015 7:14:17 PM



#31
 Naphthalene
 Concen: 71.80 ng
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

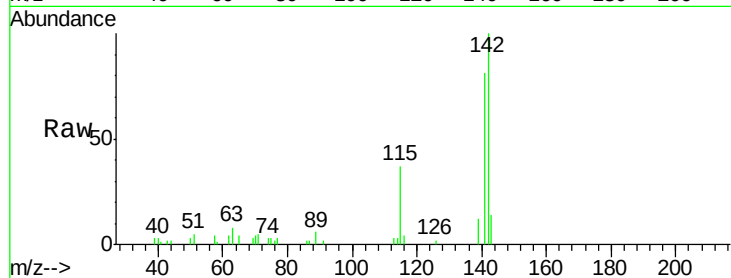
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.9	10.6	16.0





#37
2-Methylnaphthalene
Concen: 4.85 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

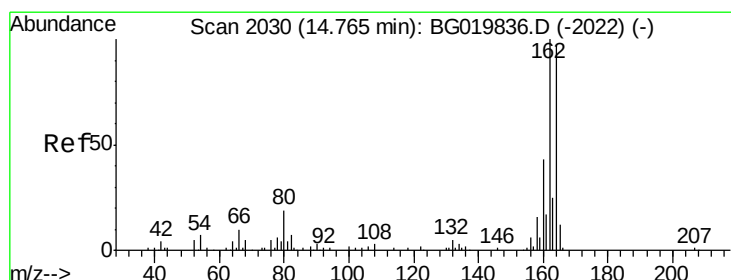
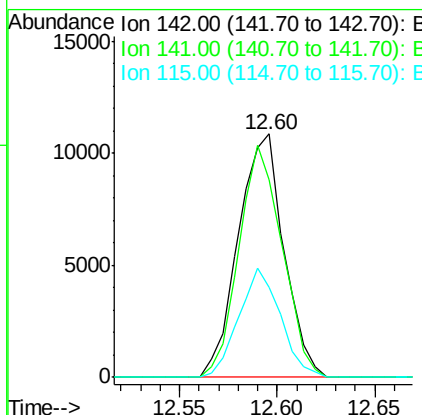
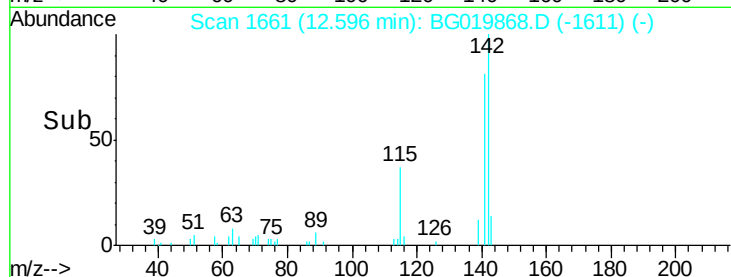
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-08(0-8)



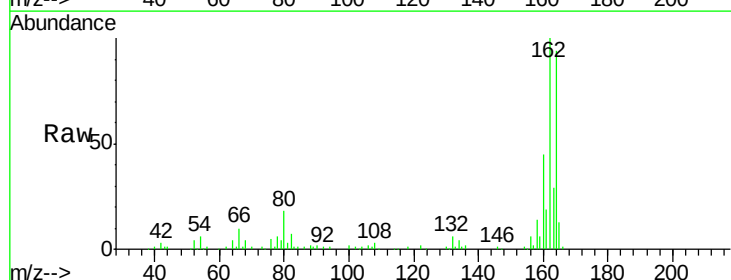
Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.4	74.6	112.0
115	36.7	27.4	41.0

Manual Integrations
APPROVED

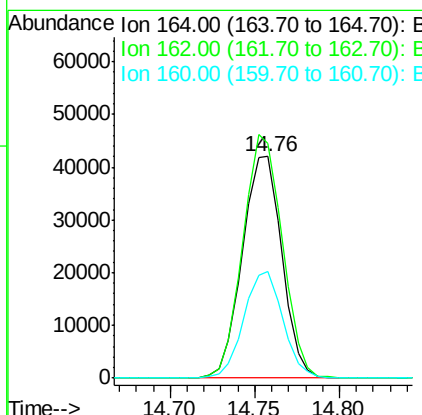
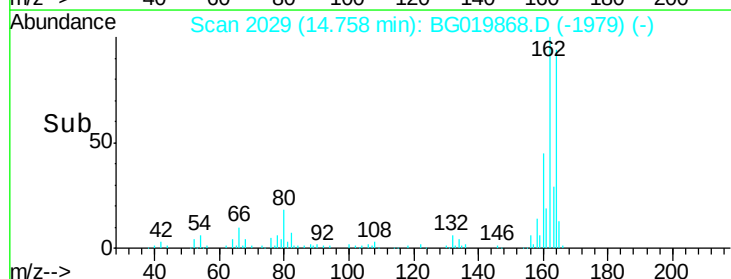
Mmdadoda
12/3/2015 7:14:17 PM

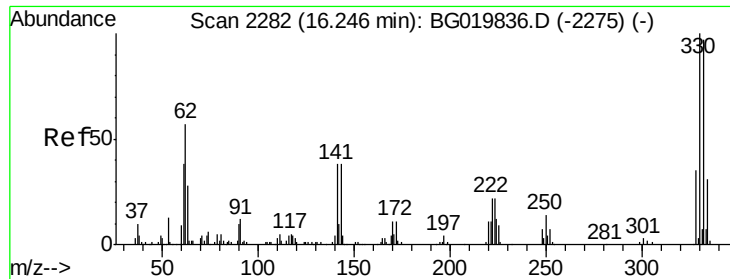


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26



Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	48.3	36.4	54.6





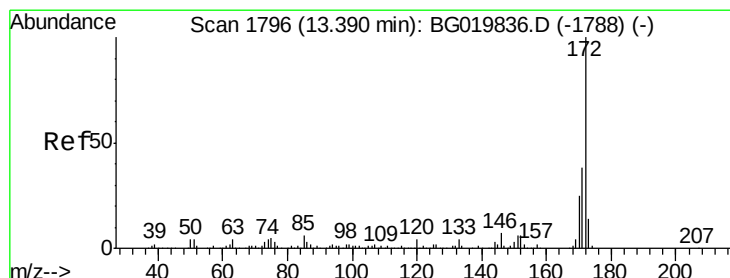
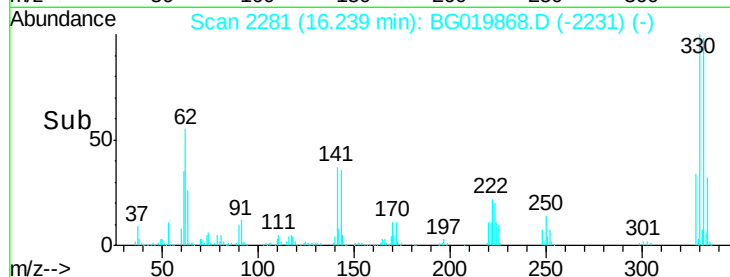
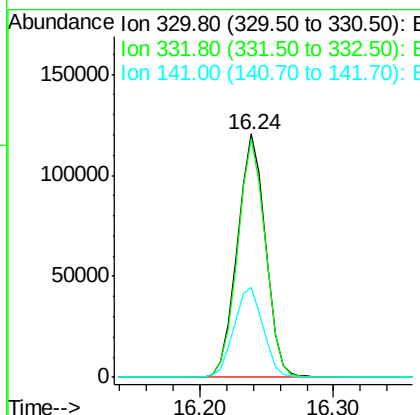
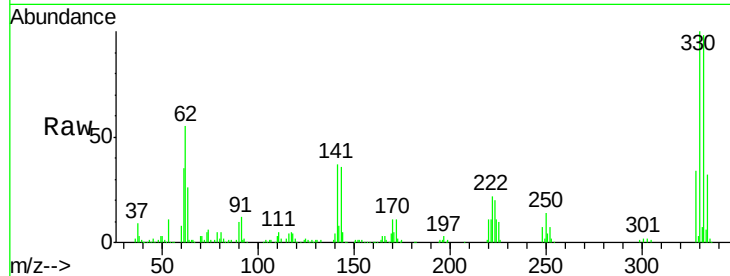
#41
 2,4,6-Tribromophenol
 Concen: 167.61 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	175818		
332	97.1	78.1	117.1	
141	38.4	28.2	42.2	

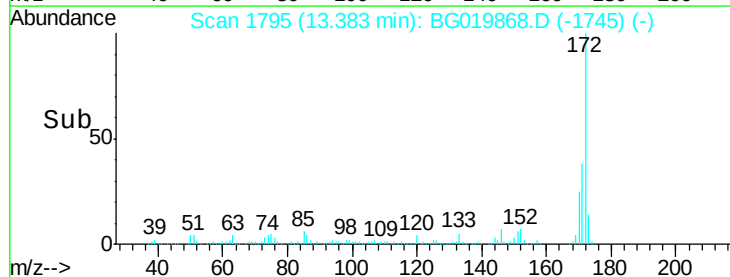
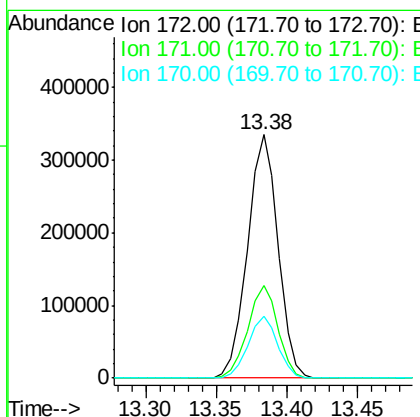
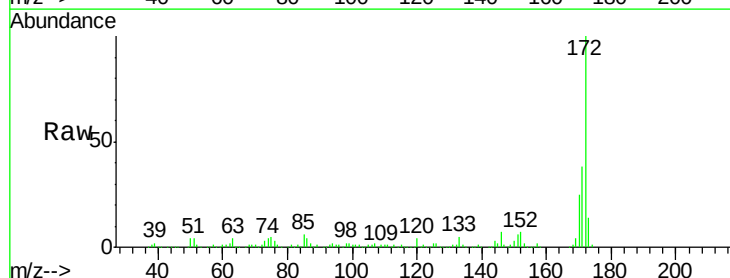
Manual Integrations
 APPROVED

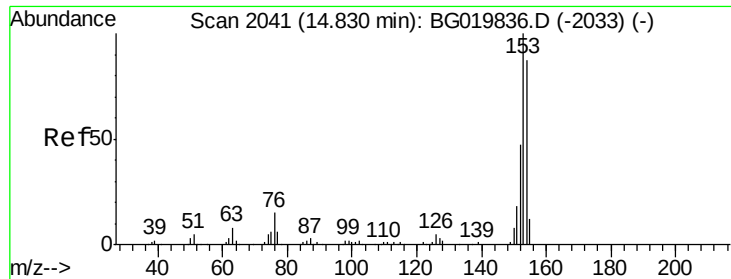
Mmdadoda
 12/3/2015 7:14:17 PM



#44
 2-Fluorobiphenyl
 Concen: 100.84 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	506284		
171	38.0	29.0	43.6	
170	25.2	19.9	29.9	





#51

Acenaphthene

Concen: 5.72 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019868.D

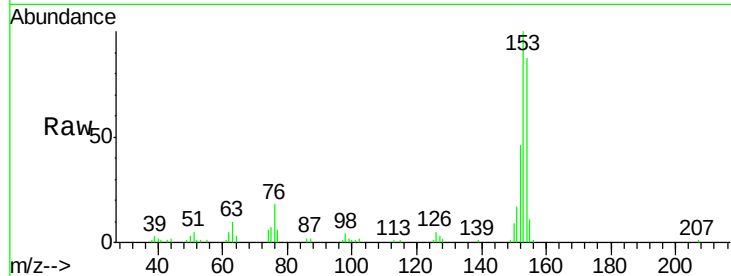
Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

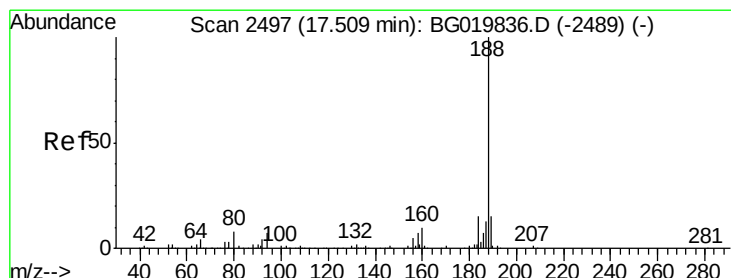
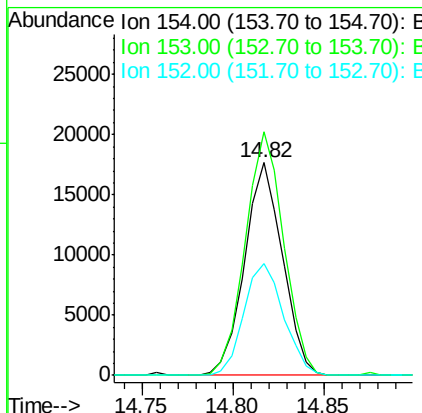
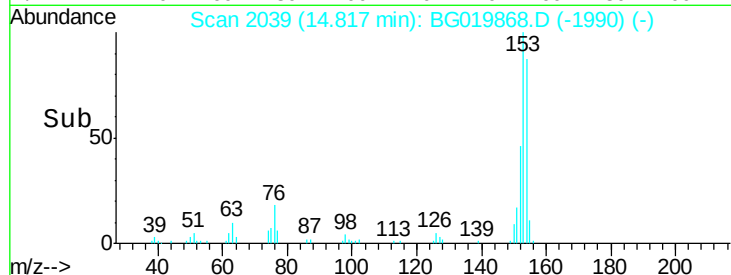
SB-P3WC-08(0-8)



Tgt Ion:	154	Resp:	25652
Ion Ratio	Lower	Upper	
154	100		
153	114.7	92.9	139.3
152	52.9	45.8	68.8

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:17 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

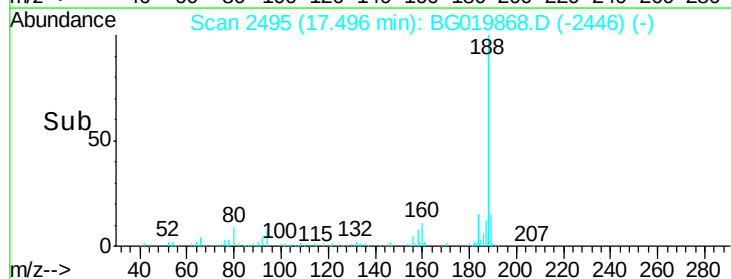
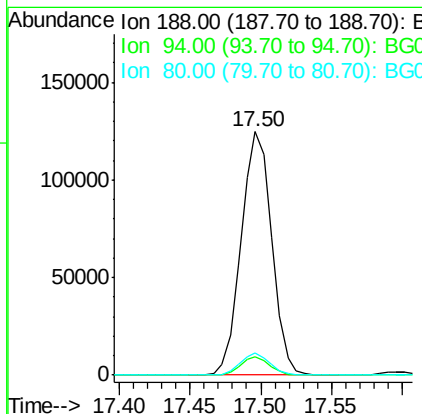
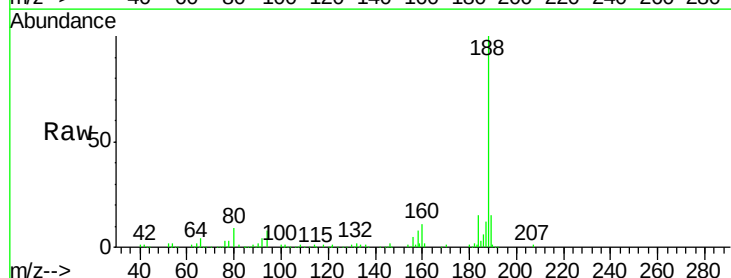
RT: 17.50 min Scan# 2495

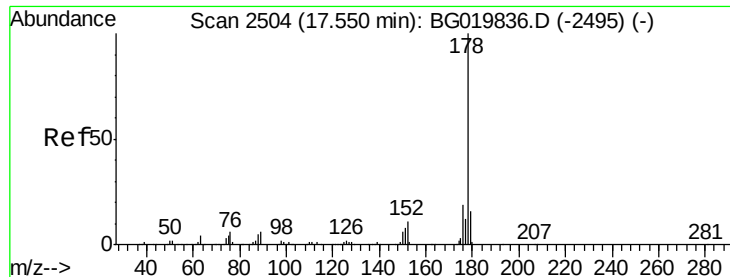
Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Tgt Ion:	188	Resp:	188854
Ion Ratio	Lower	Upper	
188	100		
94	7.7	7.7	11.5
80	8.9	7.8	11.8





#70

Phenanthrene

Concen: 2.86 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019868.D

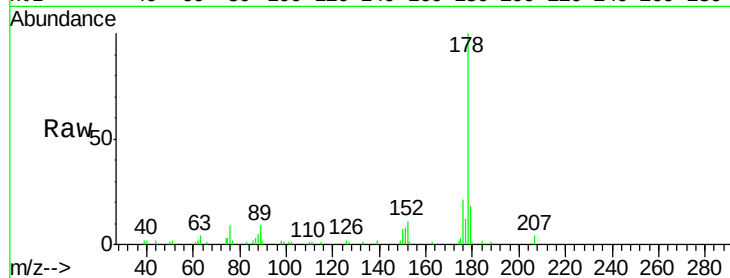
Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

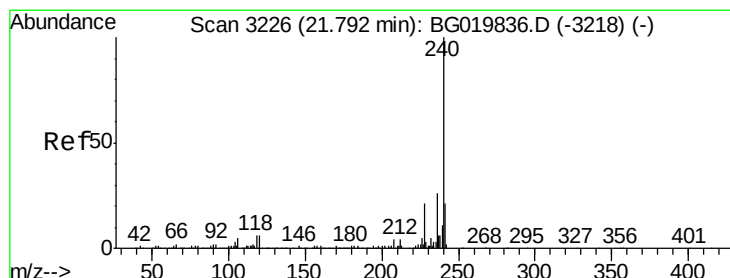
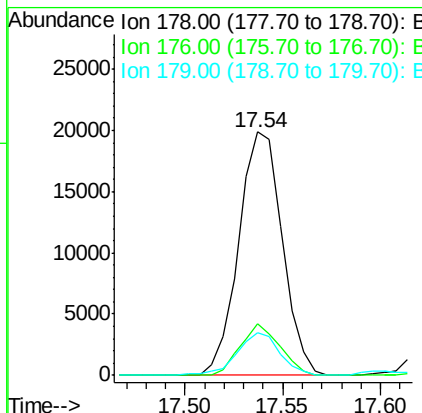
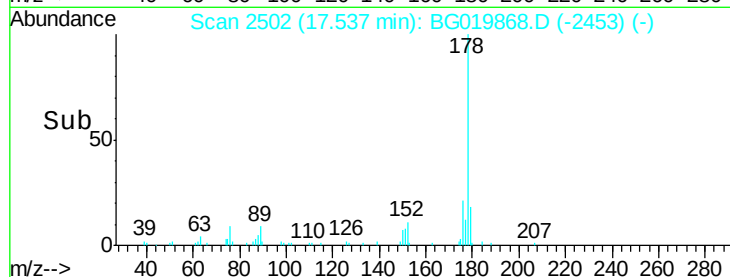
SB-P3WC-08(0-8)



Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.7	25.1
179	17.6	13.9	20.9

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:17 PM



#75

Chrysene-d12

Concen: 20.00 ng

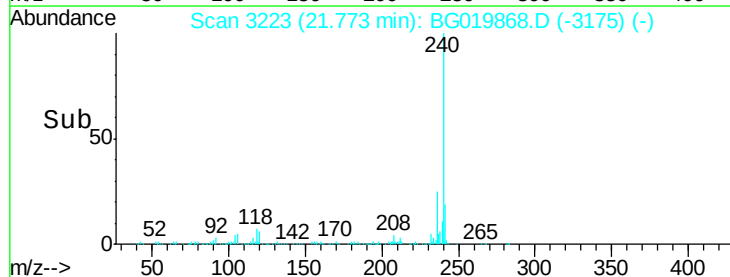
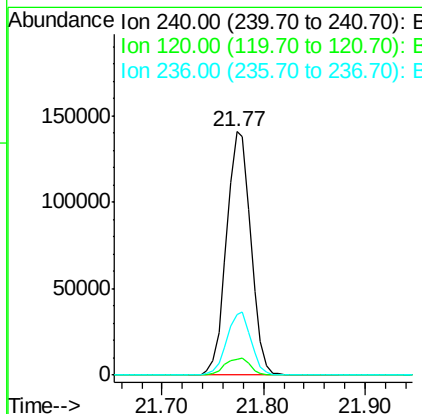
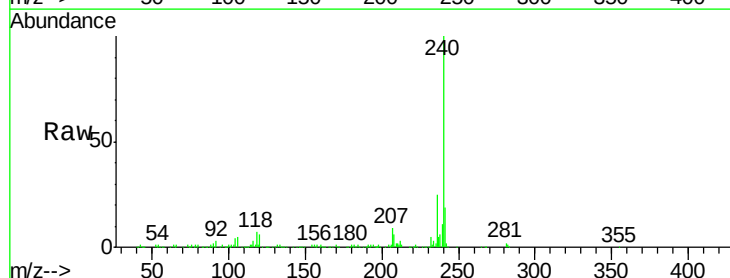
RT: 21.77 min Scan# 3223

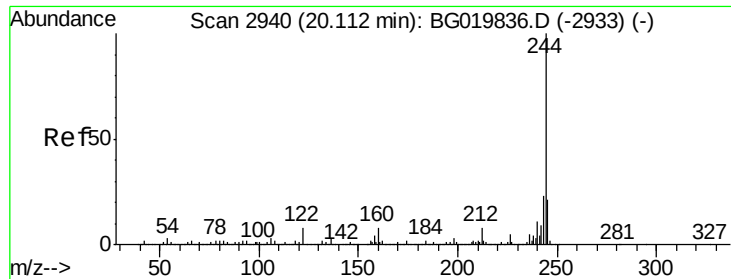
Delta R.T. -0.02 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 103.61 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG019868.D

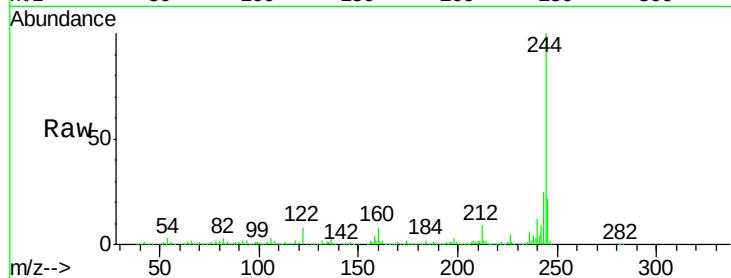
Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

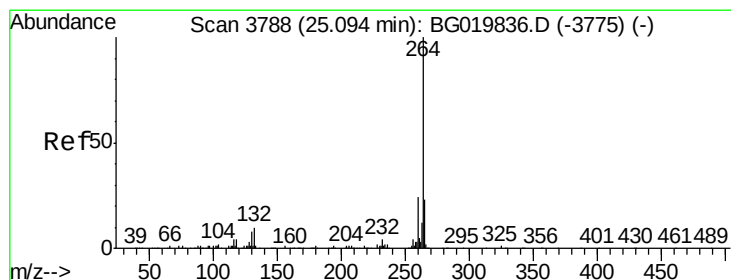
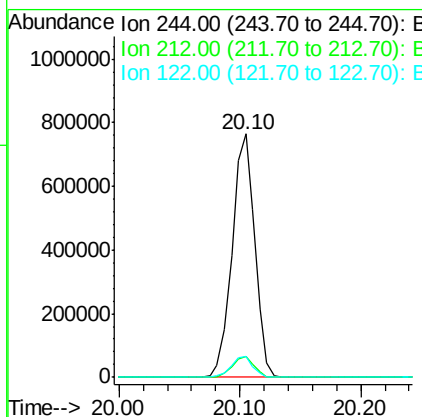
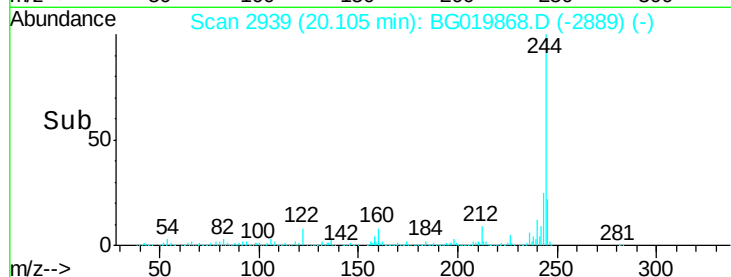
SB-P3WC-08(0-8)



Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.8	6.9	10.3	
122	8.5	10.2	15.2	

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:14:17 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	18.5	27.7	
265	21.3	17.2	25.8	

