

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034042.D
 Acq On : 27 Apr 2018 16:59
 Operator : SJ/JU
 Sample : J2156-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-042518-A

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:33 PM

Quant Time: Apr 28 01:36:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	52756m	20.00	ng	-0.09
21) Naphthalene-d8	10.53	136	225103	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	174460	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	503990	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	559245	20.00	ng	-0.10
86) Perylene-d12	24.39	264	542220	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	406371	122.98	ng	-0.08
7) Phenol-d6	6.94	99	428754	88.96	ng	-0.06
23) Nitrobenzene-d5	8.91	82	367920	93.02	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	364887	179.27	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1145987	96.50	ng	-0.09
78) Terphenyl-d14	19.78	244	2488052	99.95	ng	-0.08

Target Compounds Qvalue

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

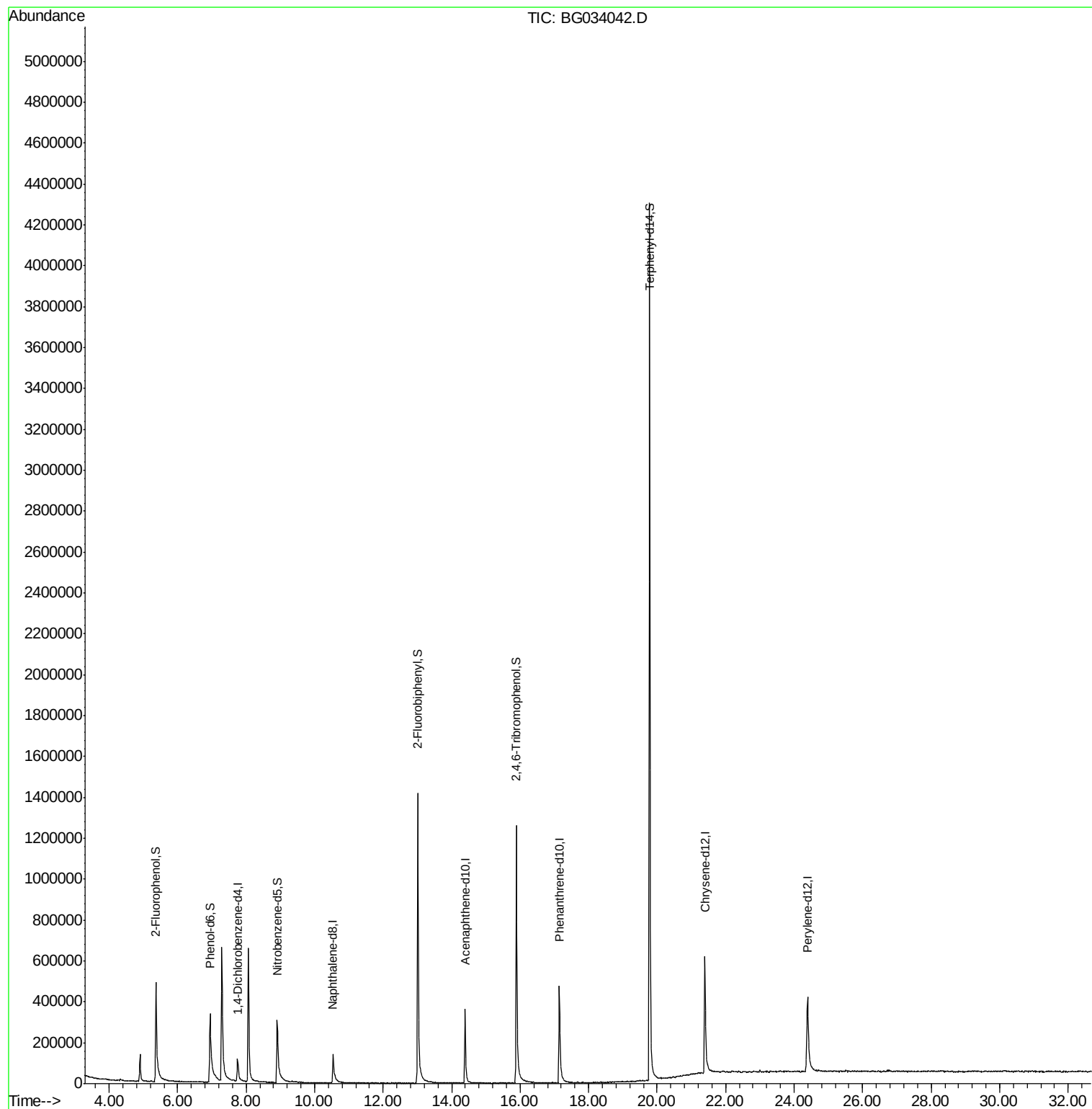
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034042.D
Acq On : 27 Apr 2018 16:59
Operator : SJ/JU
Sample : J2156-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

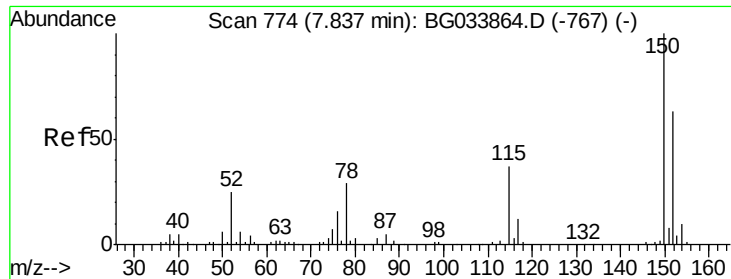
Instrument :
BNA_G
ClientSampleId :
HR-05-042518-A

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:33 PM

Quant Time: Apr 28 01:36:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration





#1

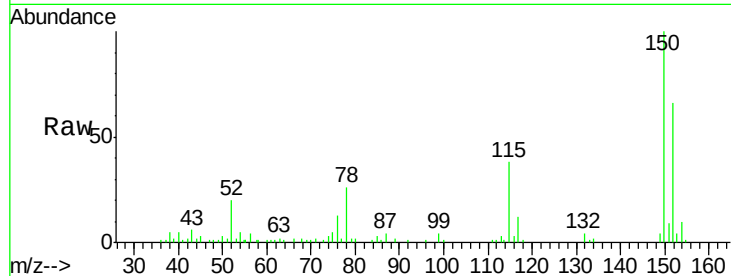
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.75 min Scan# 759
Delta R.T. -0.09 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :
HR-05-042518-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	189.8
115	57.9	53.0	79.4

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:33 PM

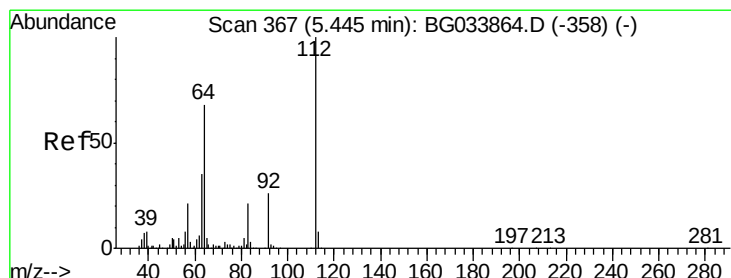
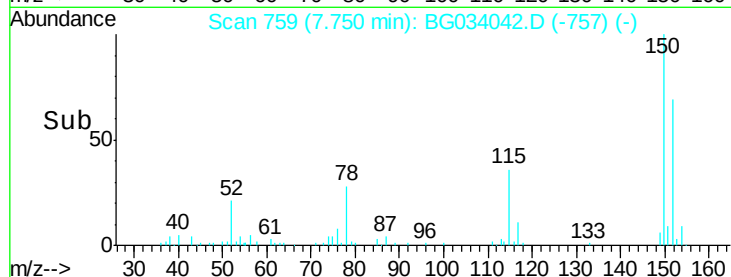
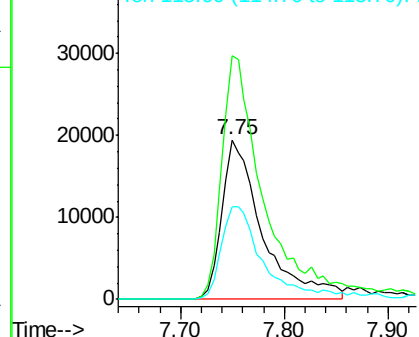


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

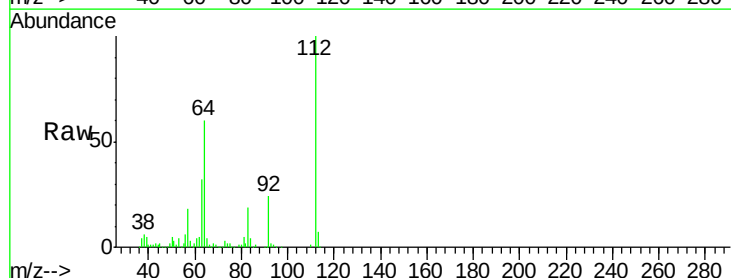
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.978 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	32.2	30.1	45.1

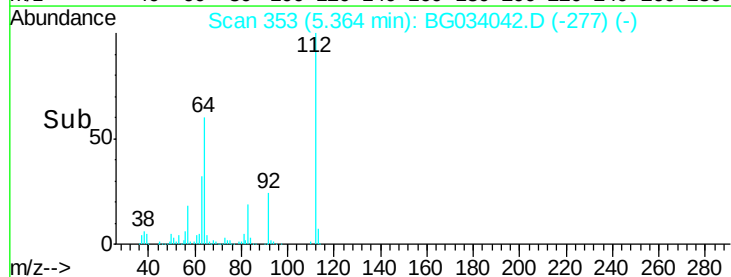
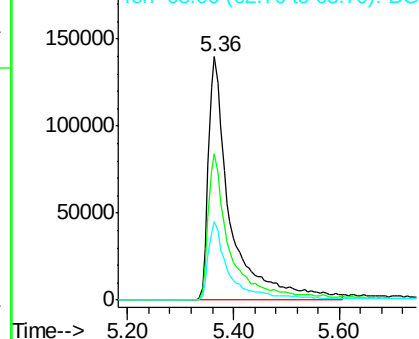


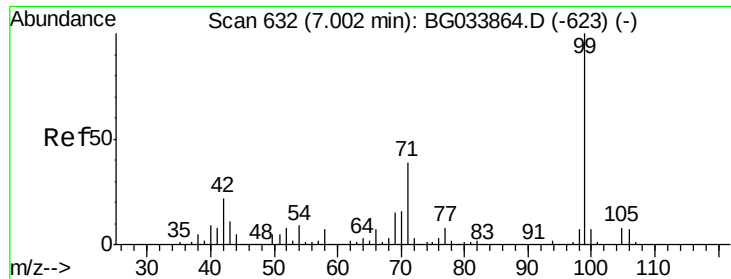
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.959 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034042.D

Acq: 27 Apr 2018 16:59

Instrument :

BNA_G

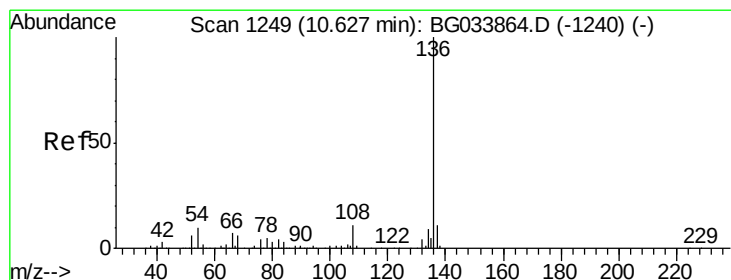
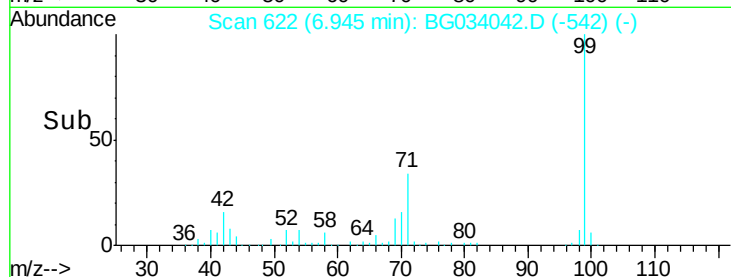
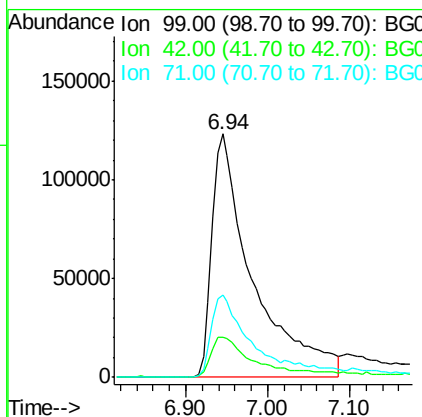
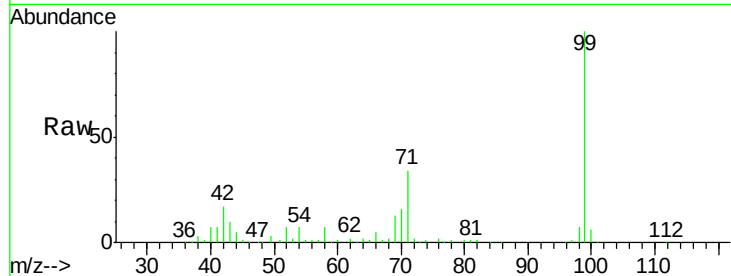
ClientSampleId :

HR-05-042518-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		428754		
42	16.6	14.1	21.1		
71	33.7	26.1	39.1		

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:33 PM



#21

Naphthalene-d8

Concen: 20.000 ng

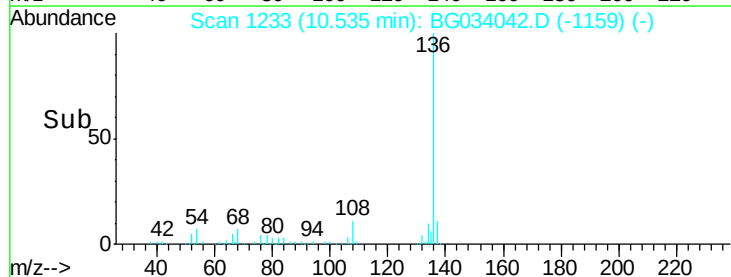
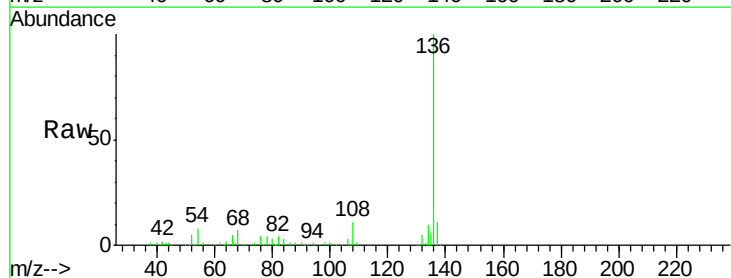
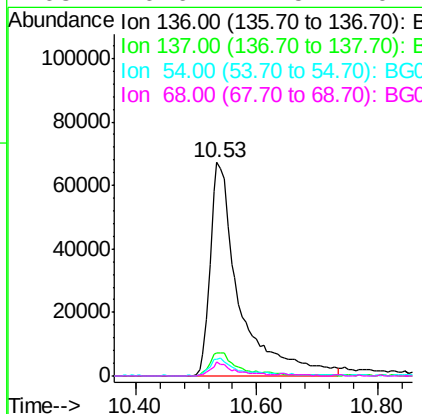
RT: 10.53 min Scan# 1233

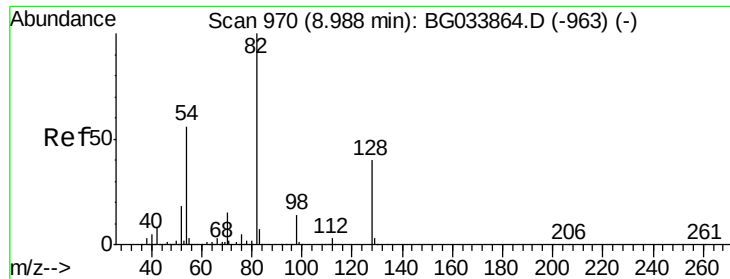
Delta R.T. -0.09 min

Lab File: BG034042.D

Acq: 27 Apr 2018 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		225103		
137	10.9	9.2	13.8		
54	7.6	10.3	15.5#		
68	6.6	4.5	6.7		





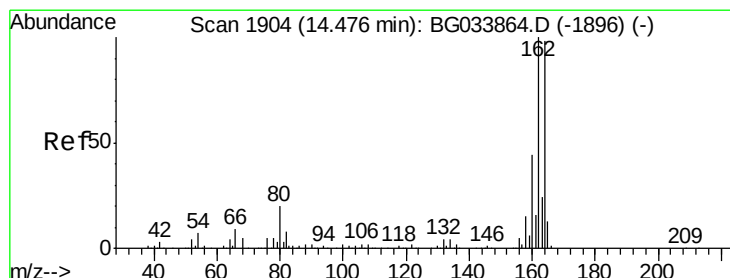
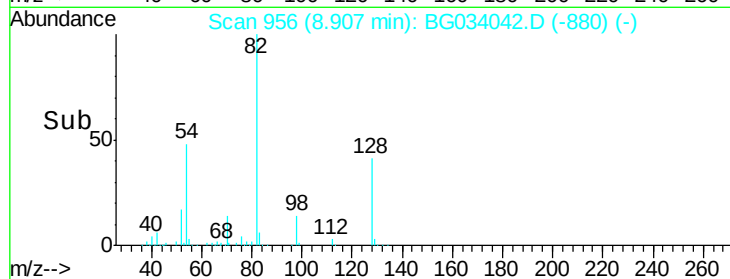
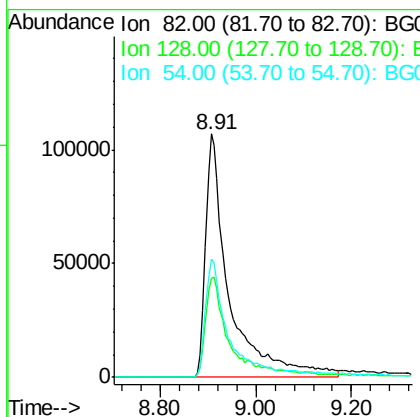
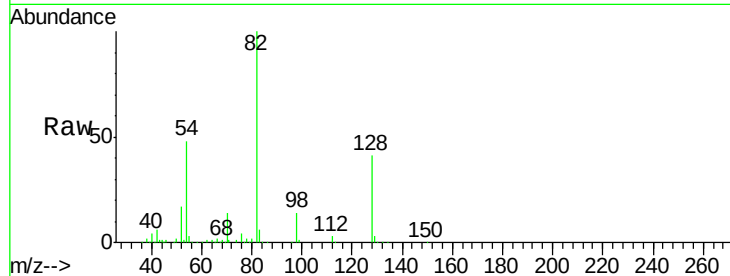
#23
 Nitrobenzene-d5
 Concen: 93.016 ng
 RT: 8.91 min Scan# 956
 Delta R.T. -0.08 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-042518-A

Tot Ion	82	Resp	367920
Ion Ratio	100	Lower	Upper
128	40.7	29.7	44.5
54	48.5	43.1	64.7

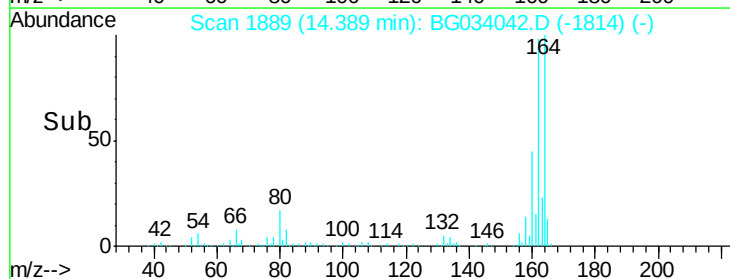
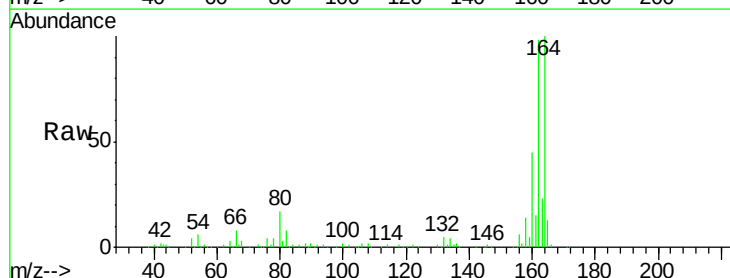
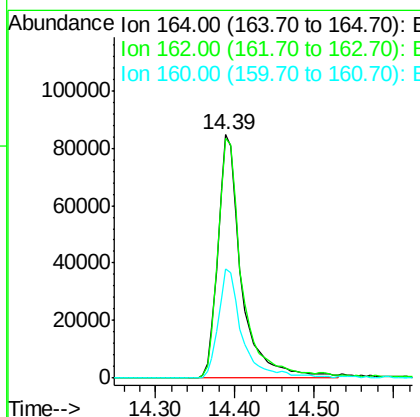
Manual Integrations
 APPROVED

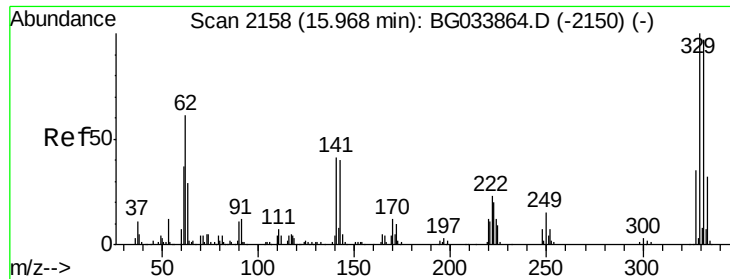
Sohil
 4/30/2018 7:02:33 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Tgt Ion	164	Resp	174460
Ion Ratio	100	Lower	Upper
162	98.4	78.8	118.2
160	44.9	35.4	53.0





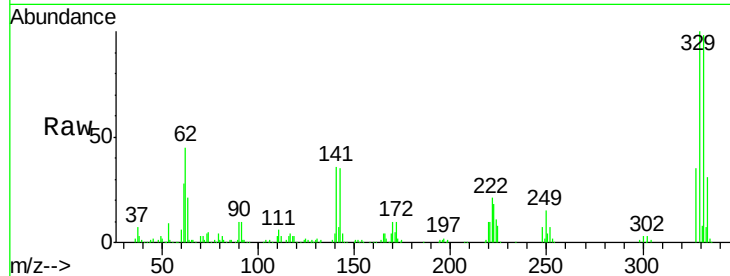
#41
 2,4,6-Tribromophenol
 Concen: 179.274 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-042518-A

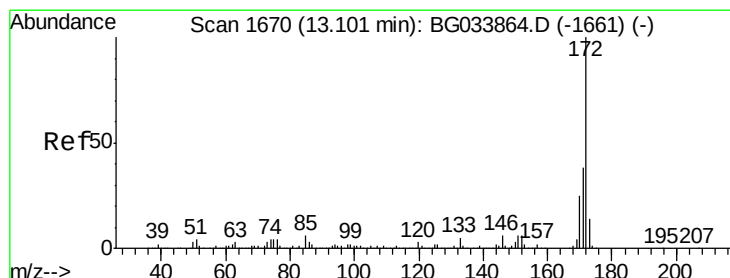
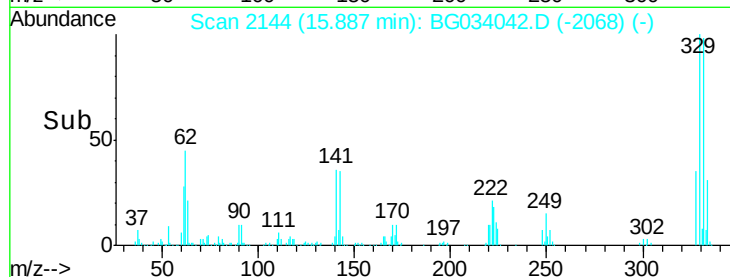
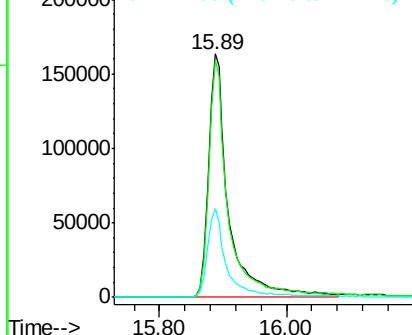
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	35.2	25.2	37.8

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:33 PM



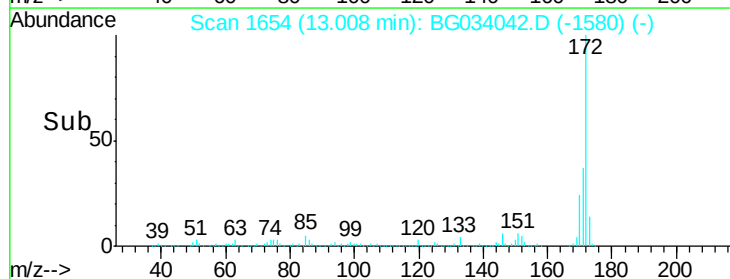
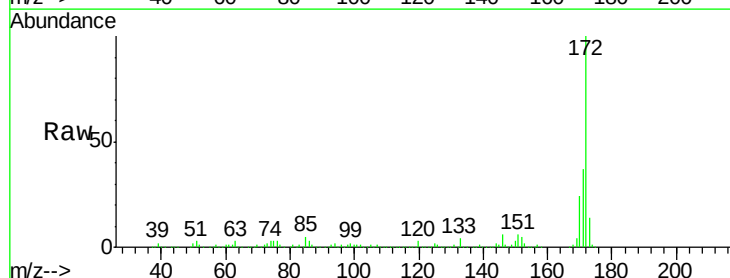
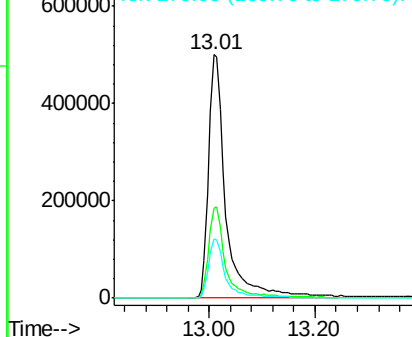
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

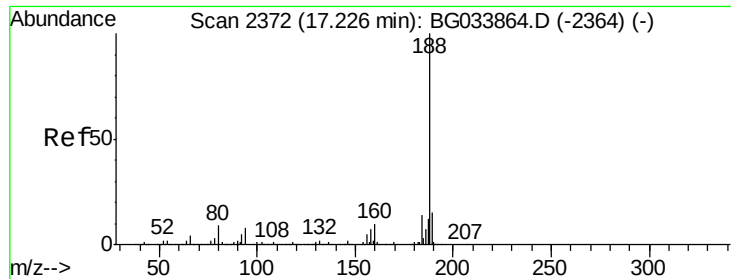


#44
 2-Fluorobiphenyl
 Concen: 96.497 ng
 RT: 13.01 min Scan# 1654
 Delta R.T. -0.09 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





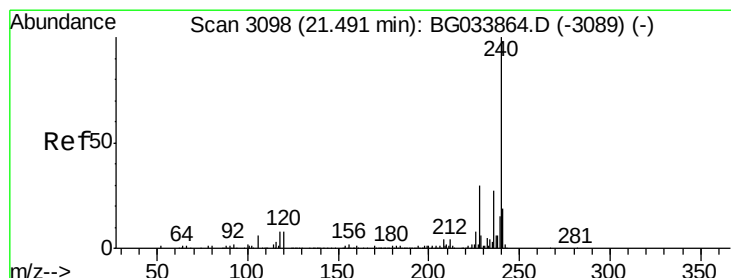
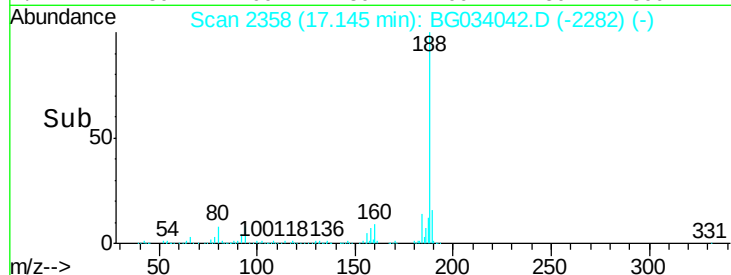
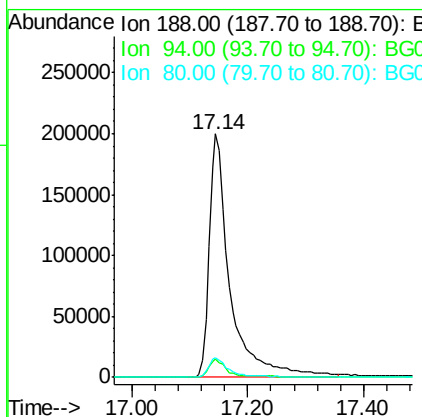
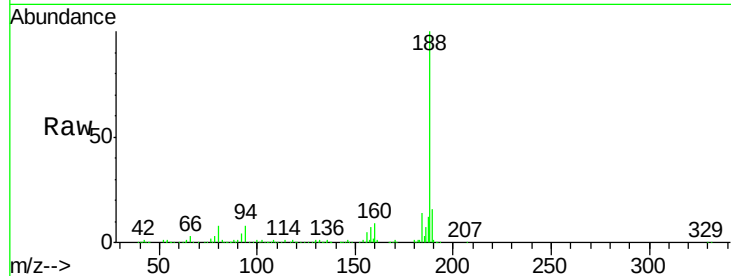
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :
HR-05-042518-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	503990		
94	7.6		6.9	10.3
80	7.9		7.7	11.5

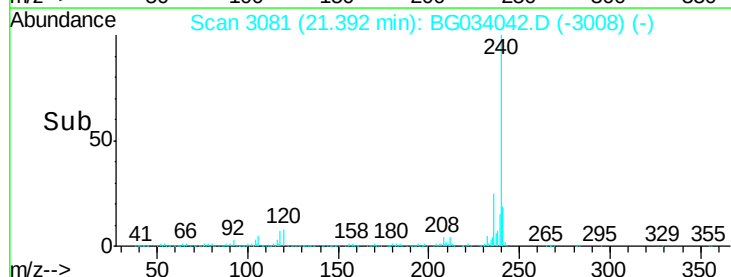
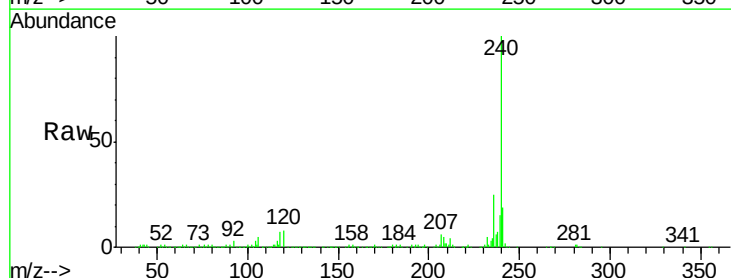
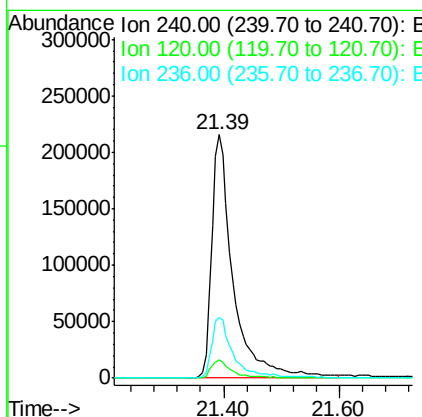
Manual Integrations
APPROVED

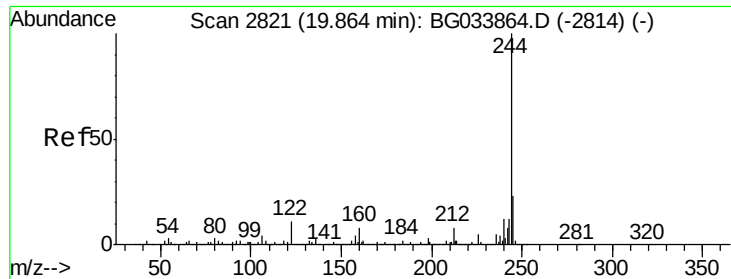
Sohil
4/30/2018 7:02:33 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	559245		
120	7.7		6.8	10.2
236	25.0		20.9	31.3





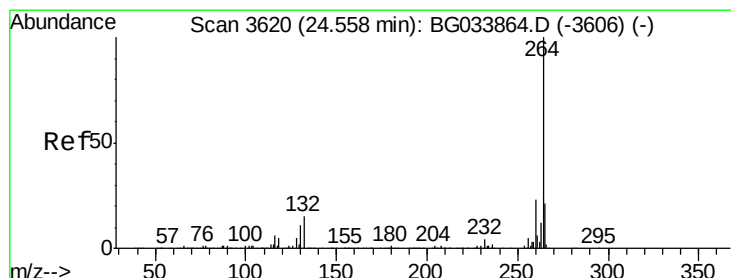
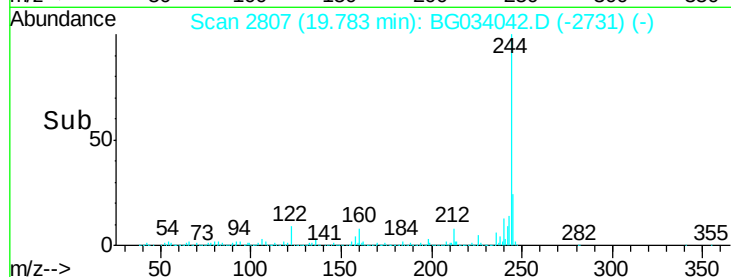
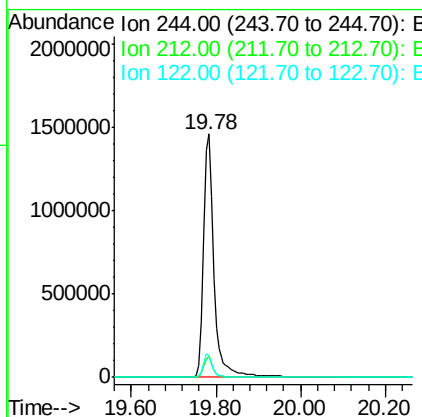
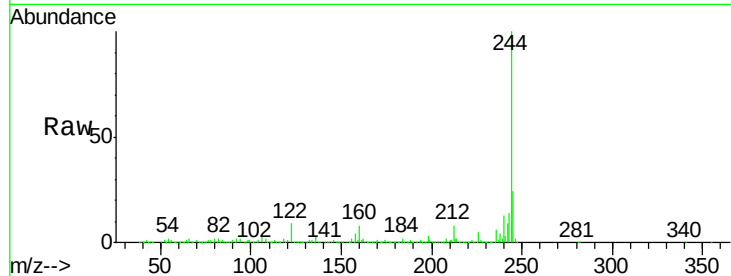
#78
 Terphenyl-d14
 Concen: 99.951 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-042518-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.3	7.0	10.4

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:33 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3591
 Delta R.T. -0.17 min
 Lab File: BG034042.D
 Acq: 27 Apr 2018 16:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.7	17.7	26.5

