

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034053.D
 Acq On : 27 Apr 2018 23:56
 Operator : SJ/JU
 Sample : J2549-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:04 PM

Quant Time: Apr 28 02:06:06 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	7.76	152	51527m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	212647	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	161788	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	482086	20.00	ng	-0.08
75) Chrysene-d12	21.40	240	534057	20.00	ng	-0.10
86) Perylene-d12	24.39	264	515407	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	404303	125.27	ng	-0.08
7) Phenol-d6	6.94	99	390246	82.90	ng	-0.06
23) Nitrobenzene-d5	8.91	82	342926	91.78	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	340107	180.19	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1072691	97.40	ng	-0.09
78) Terphenyl-d14	19.78	244	2442405	102.74	ng	-0.08

Target Compounds Qvalue

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

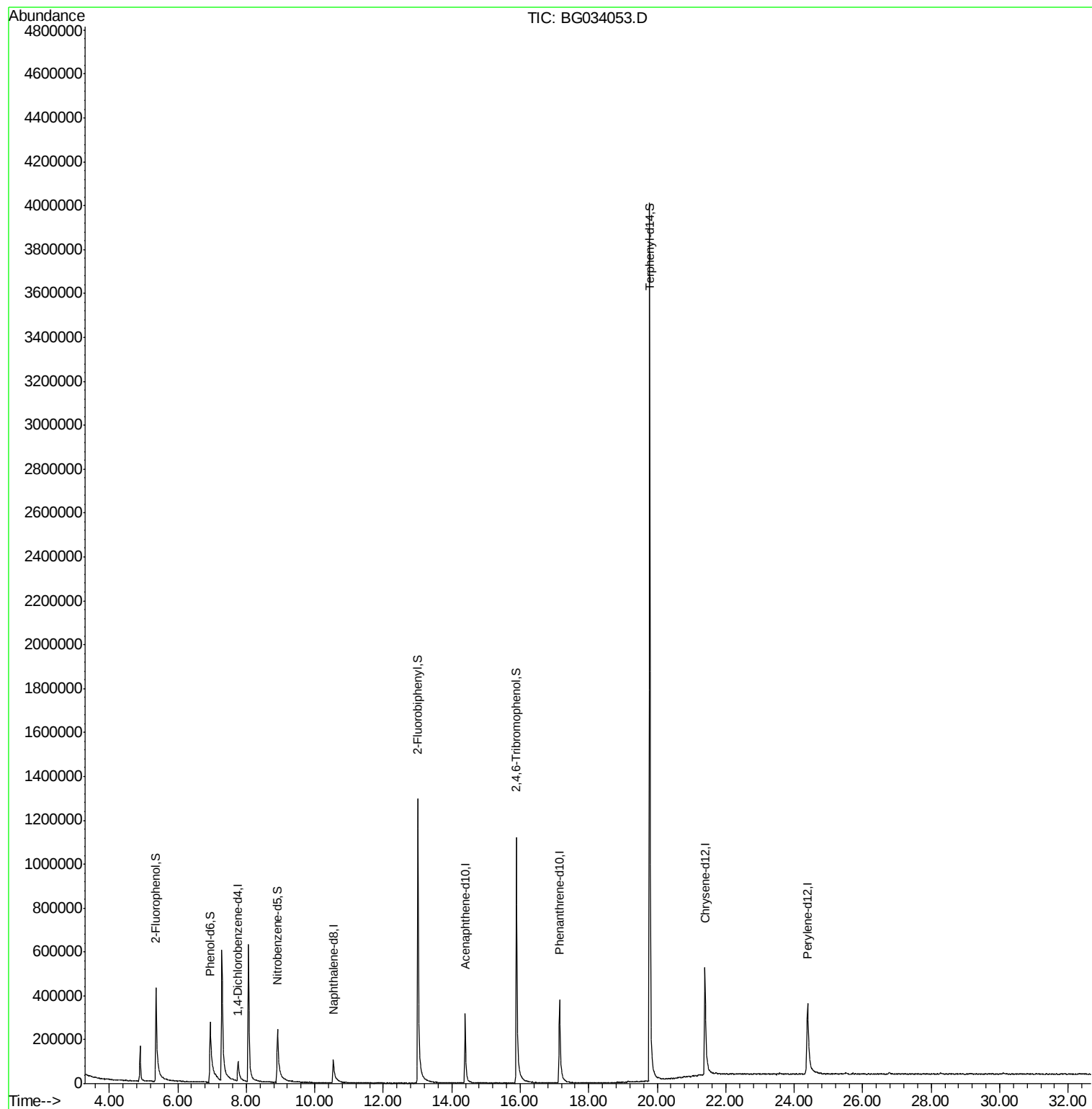
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034053.D
Acq On : 27 Apr 2018 23:56
Operator : SJ/JU
Sample : J2549-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-B

Manual Integrations
APPROVED

Sohil
4/30/2018 7:03:04 PM

Quant Time: Apr 28 02:06:06 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

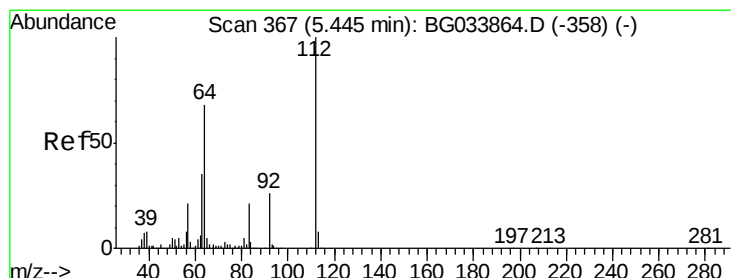
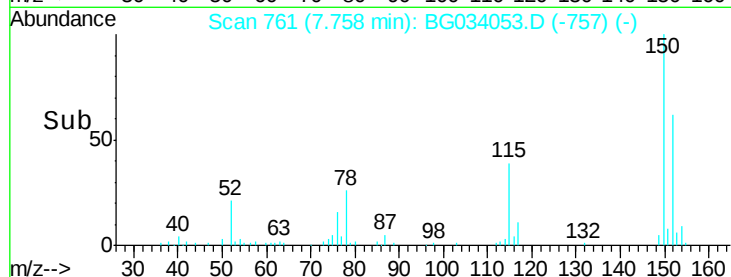
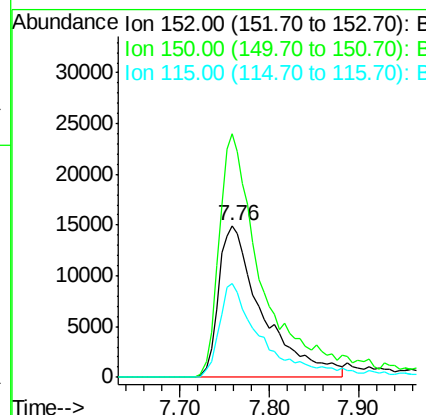
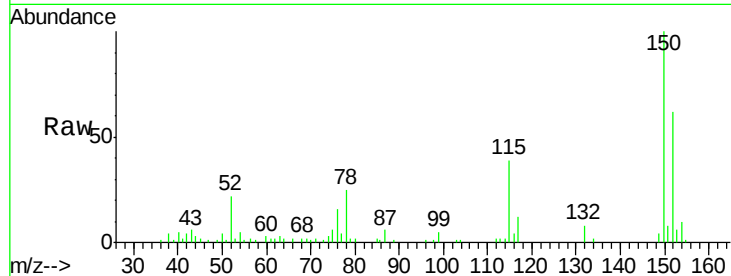
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.76 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampleID :
 SP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.6	189.8
115	62.1	53.0	79.4

Manual Integrations
 APPROVED

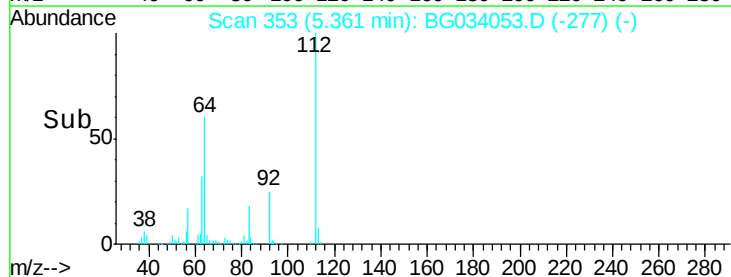
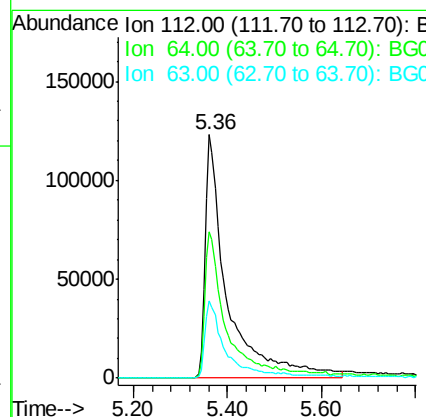
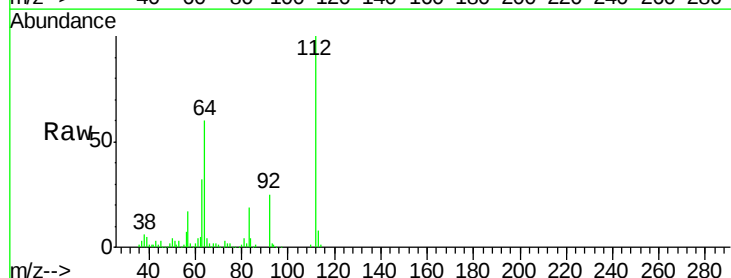
Sohil
 4/30/2018 7:03:04 PM

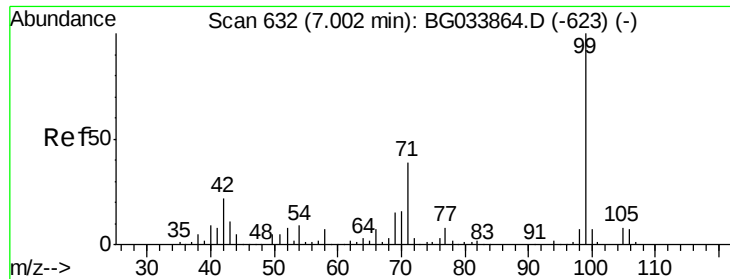


#5

2-Fluorophenol
 Concen: 125.271 ng/ml
 RT: 5.36 min Scan# 353
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	31.6	30.1	45.1





#7

Phenol-d6

Concen: 82.901 ng

RT: 6.94 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

Instrument :

BNA_G

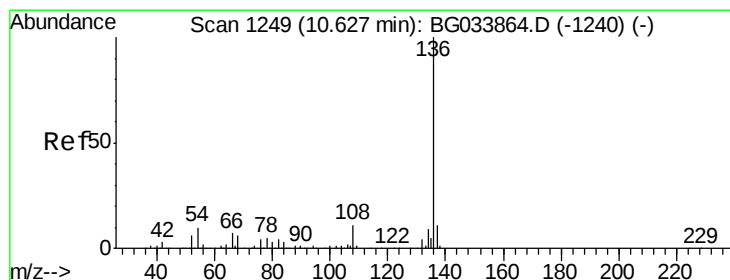
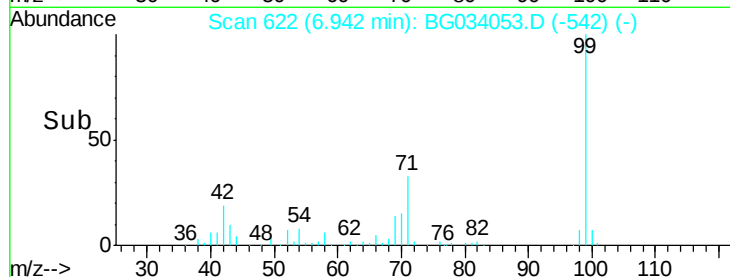
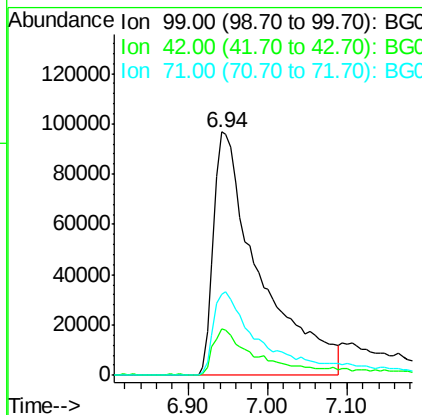
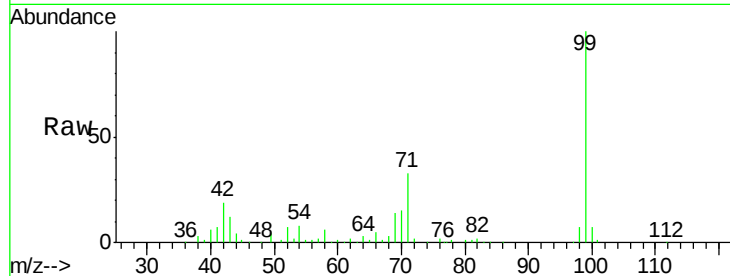
ClientSampled :

SP-B

Tot Ion:	99	Resp:	390246
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.1	21.1
71	33.5	26.1	39.1

Manual Integrations
APPROVED

Sohil
4/30/2018 7:03:04 PM



#21

Naphthalene-d8

Concen: 20.000 ng

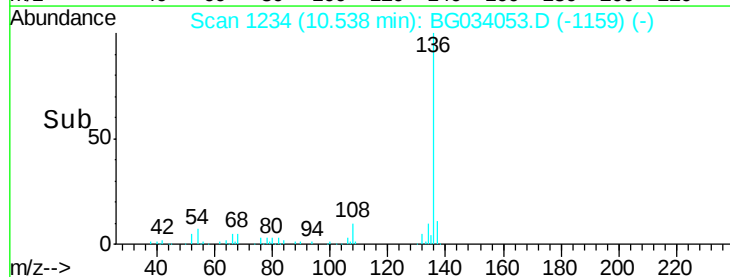
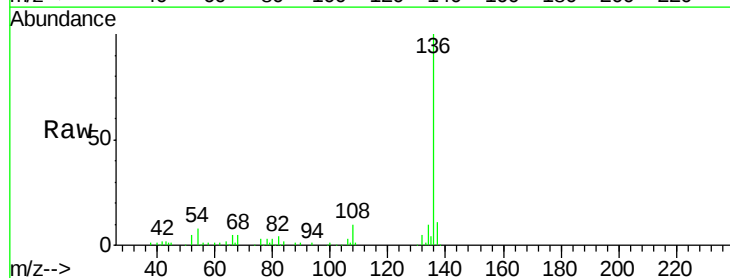
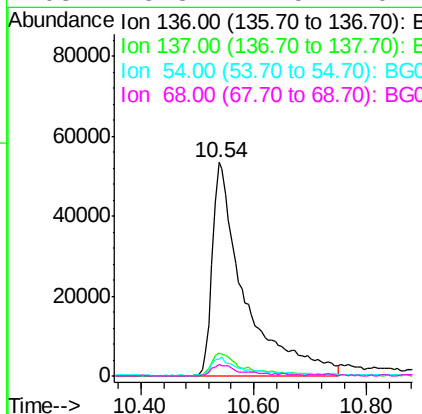
RT: 10.54 min Scan# 1234

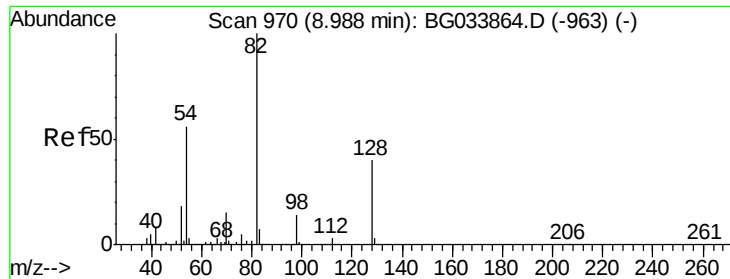
Delta R.T. -0.09 min

Lab File: BG034053.D

Acq: 27 Apr 2018 23:56

Tgt Ion:	136	Resp:	212647
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	8.1	10.3	15.5#
68	5.3	4.5	6.7





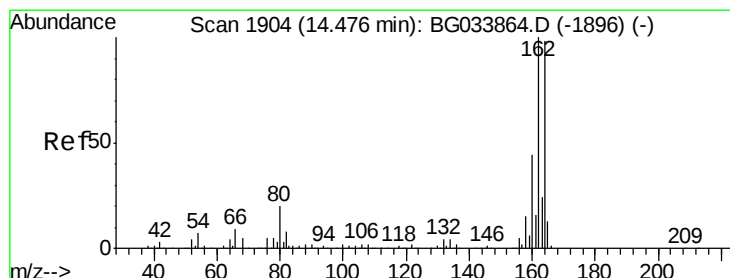
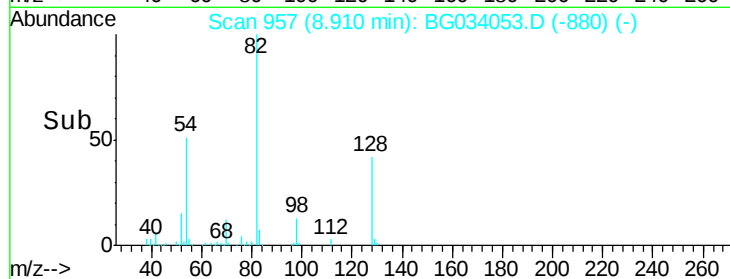
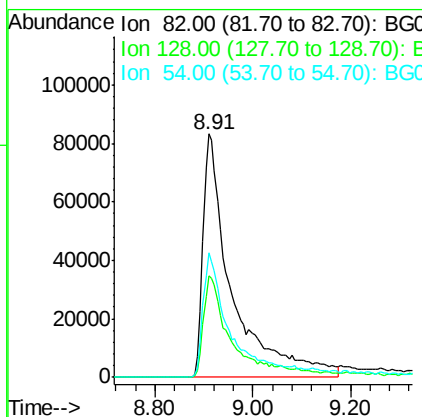
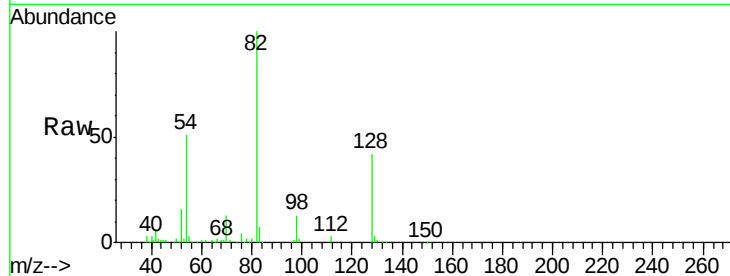
#23
 Nitrobenzene-d5
 Concen: 91.776 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampled :
 SP-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.7	44.5
54	51.1	43.1	64.7

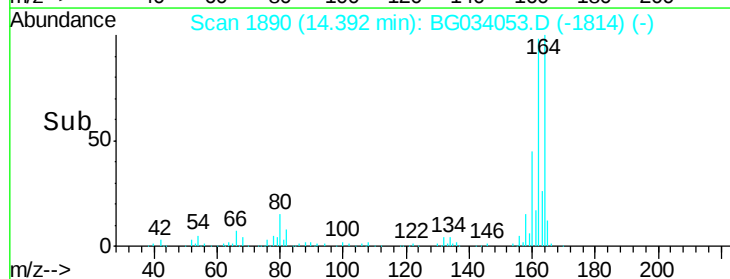
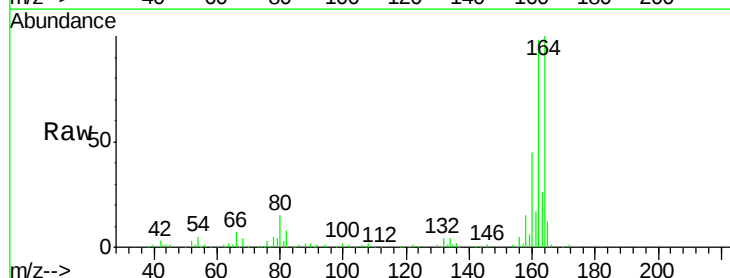
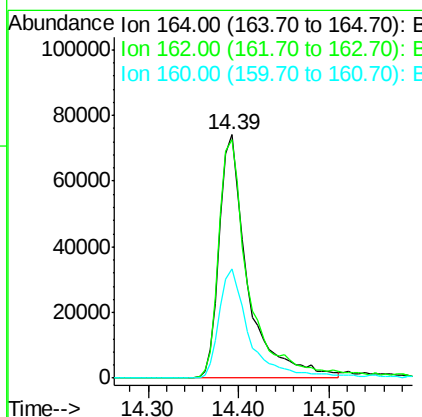
Manual Integrations
 APPROVED

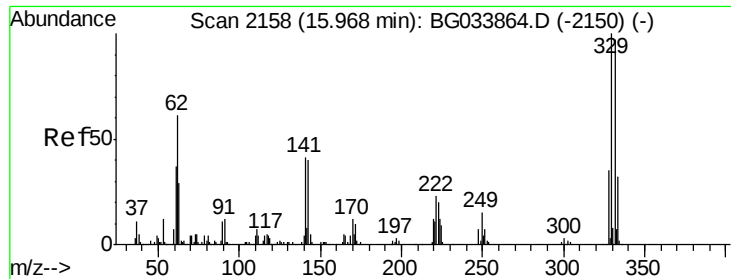
Sohil
 4/30/2018 7:03:04 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1890
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	44.7	35.4	53.0





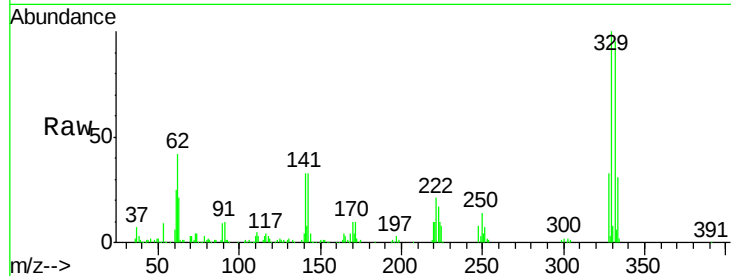
#41
 2,4,6-Tribromophenol
 Concen: 180.188 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampled :
 SP-B

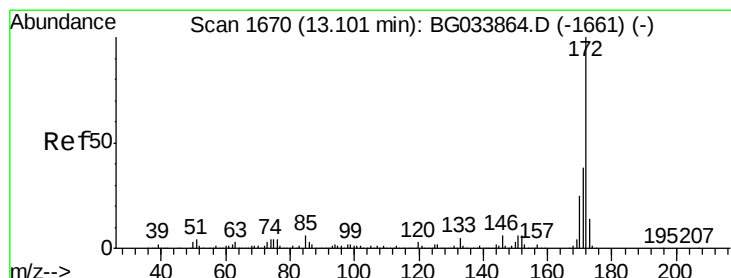
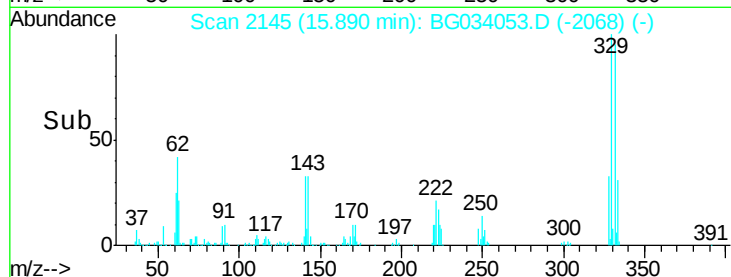
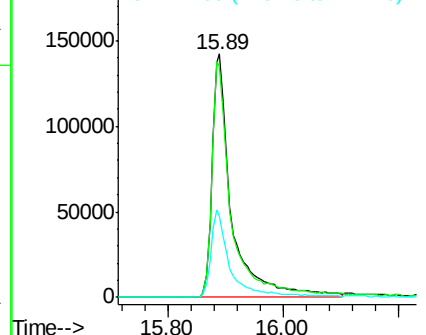
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.0	115.6	
141	35.5	25.2	37.8	

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:04 PM

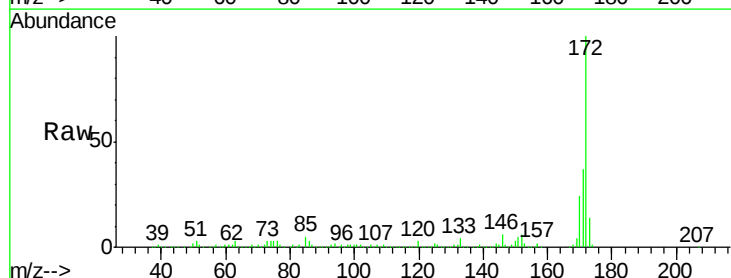


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

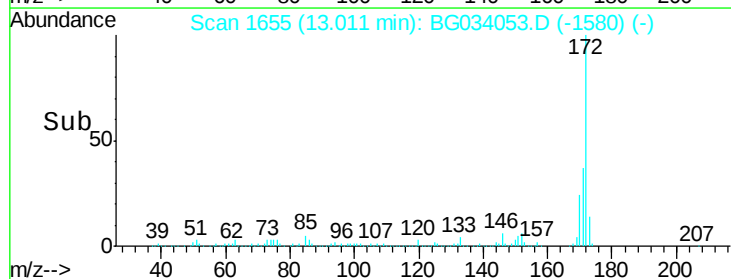
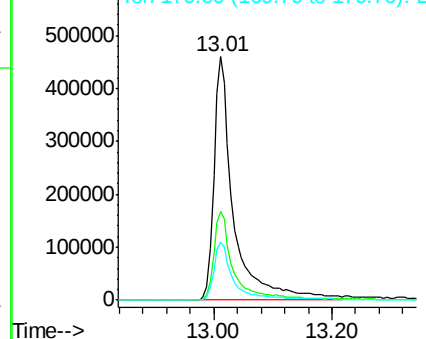


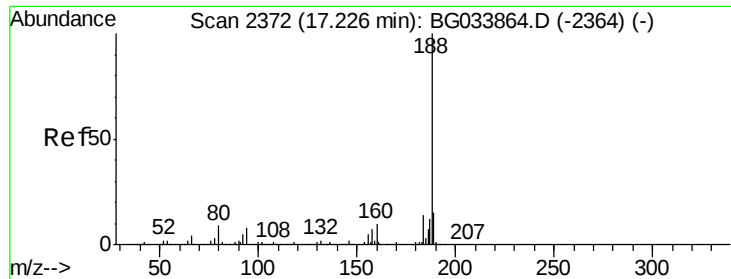
#44
 2-Fluorobiphenyl
 Concen: 97.400 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	30.0	45.0	
170	23.7	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





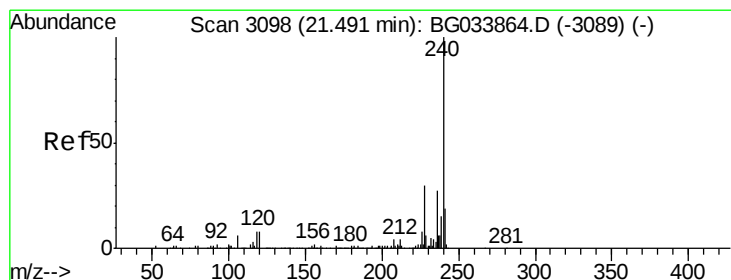
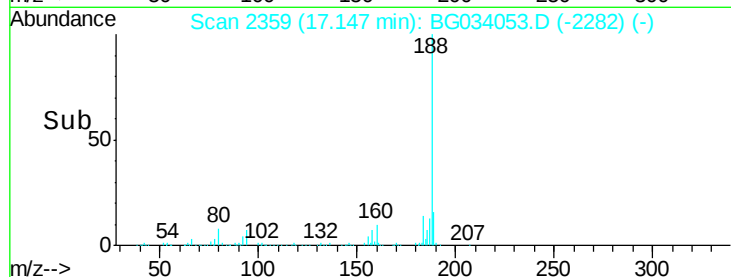
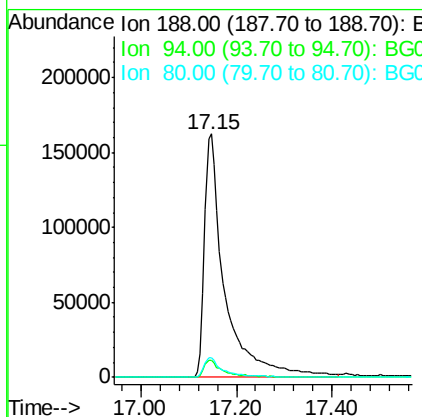
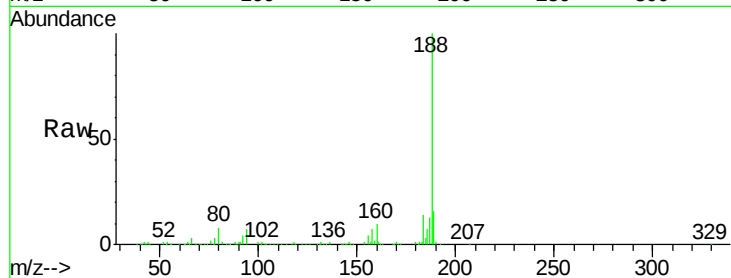
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Instrument :
BNA_G
ClientSampleId :
SP-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	482086		
94	6.8		6.9	10.3#
80	8.2		7.7	11.5

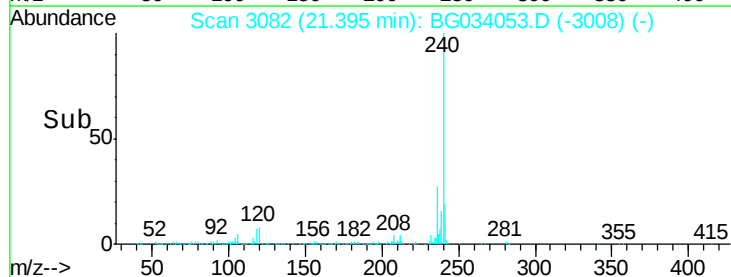
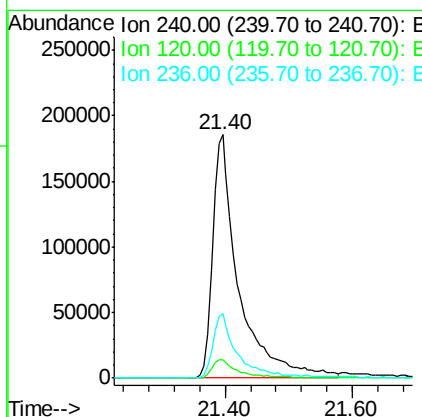
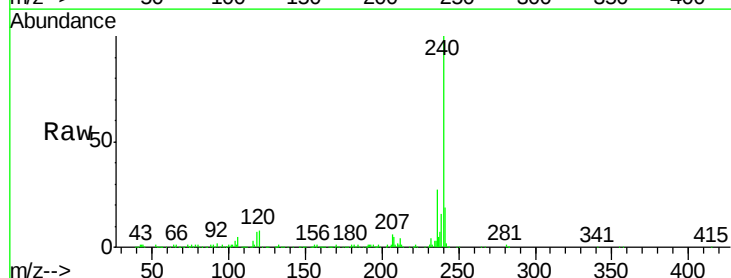
Manual Integrations
APPROVED

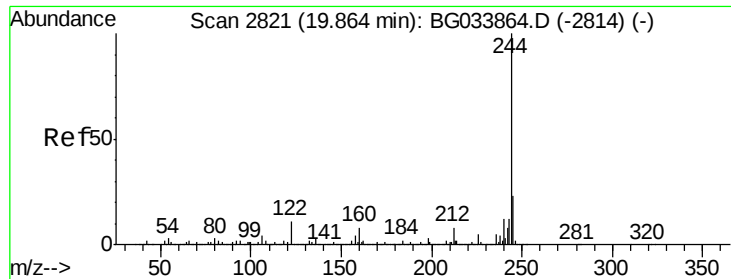
Sohil
4/30/2018 7:03:04 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3082
Delta R.T. -0.10 min
Lab File: BG034053.D
Acq: 27 Apr 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	534057		
120	7.6		6.8	10.2
236	26.6		20.9	31.3





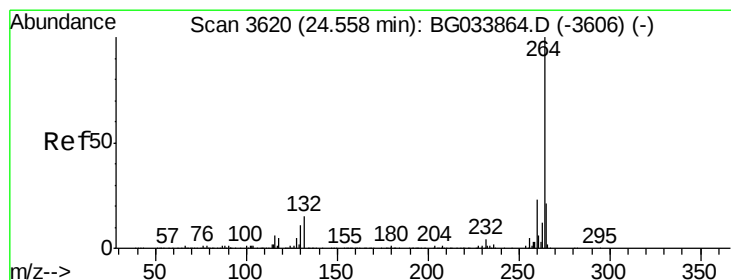
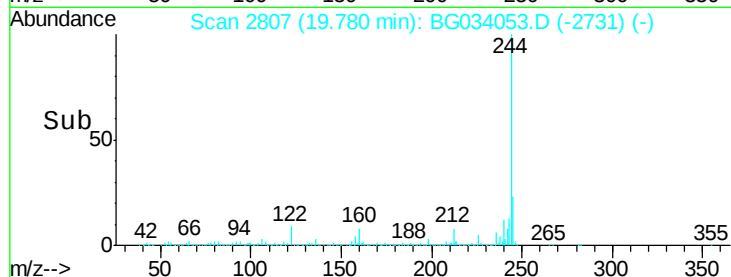
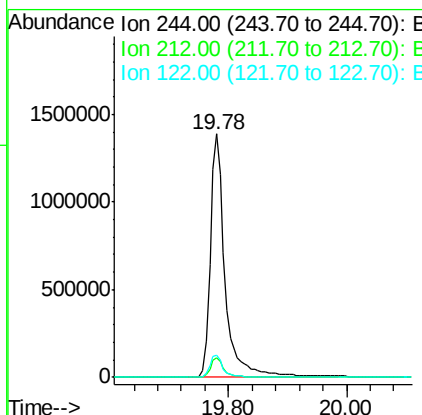
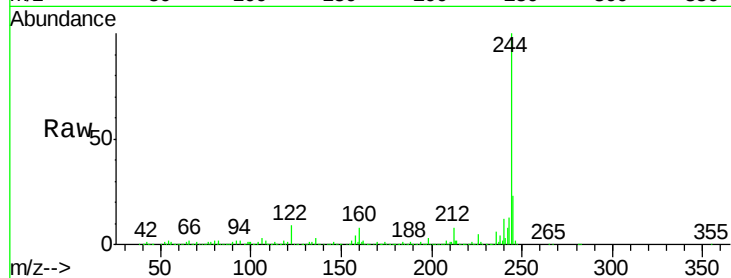
#78
 Terphenyl-d14
 Concen: 102.744 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Instrument :
 BNA_G
 ClientSampled :
 SP-B

Tot Ion:244 Resp: 2442405
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 9.3 7.0 10.4

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:03:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3592
 Delta R.T. -0.17 min
 Lab File: BG034053.D
 Acq: 27 Apr 2018 23:56

Tgt Ion:264 Resp: 515407
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.9 17.7 26.5

