

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034049.D
 Acq On : 27 Apr 2018 21:25
 Operator : SJ/JU
 Sample : J2455-46
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:53 PM

Quant Time: Apr 28 01:54:10 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	50555m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	197738	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	151876	20.00	ng	-0.09
63) Phenanthrene-d10	17.15	188	462529	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	526090	20.00	ng	-0.10
86) Perylene-d12	24.39	264	517212	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	391206	123.54	ng	-0.08
7) Phenol-d6	6.95	99	474869	102.82	ng	-0.06
23) Nitrobenzene-d5	8.91	82	337353	97.09	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	348639	196.76	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1114884	107.84	ng	-0.09
78) Terphenyl-d14	19.78	244	2543483	108.62	ng	-0.08

Target Compounds Qvalue

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

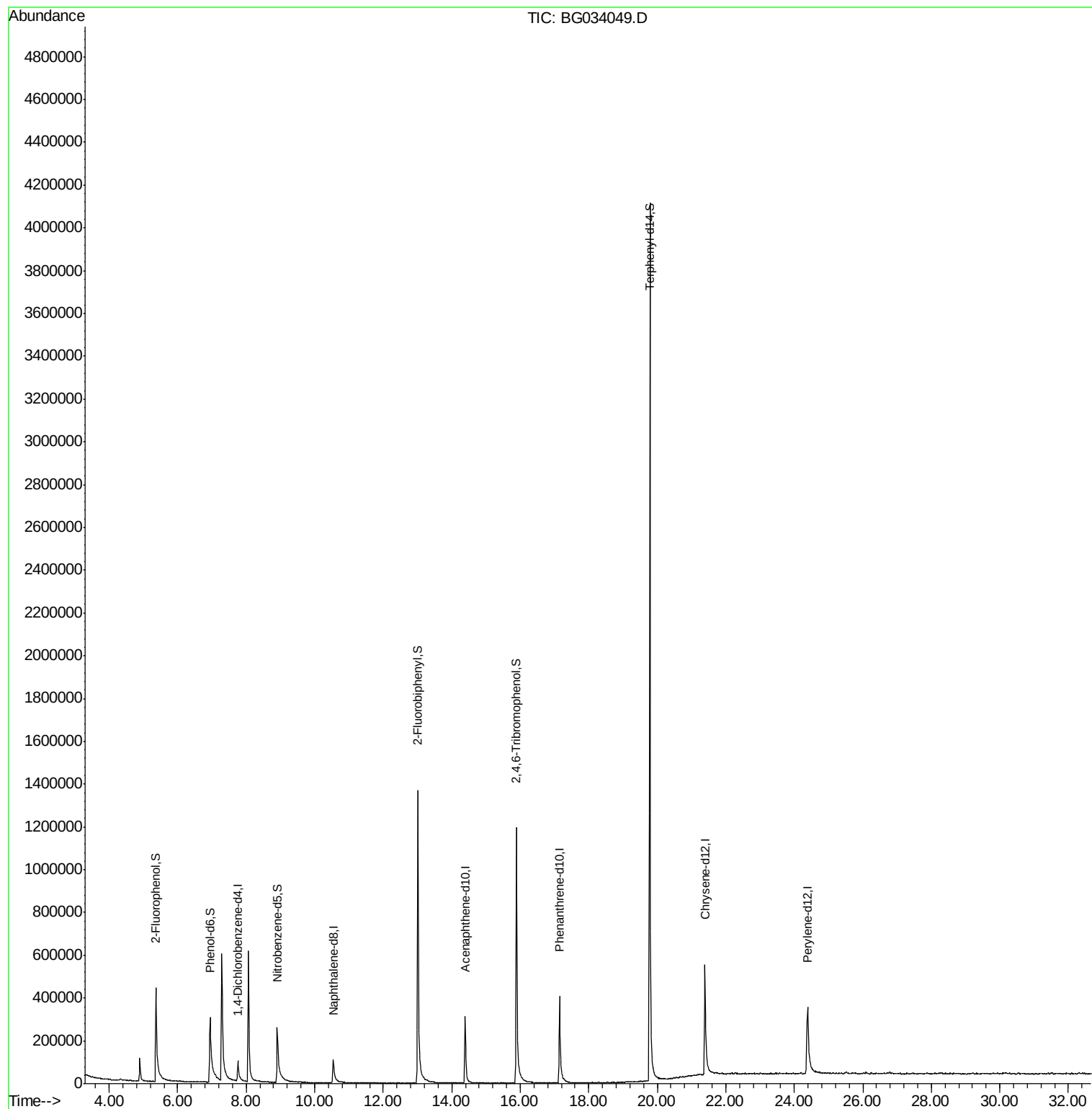
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034049.D
Acq On : 27 Apr 2018 21:25
Operator : SJ/JU
Sample : J2455-46
Misc :
ALS Vial : 13 Sample Multiplier: 1

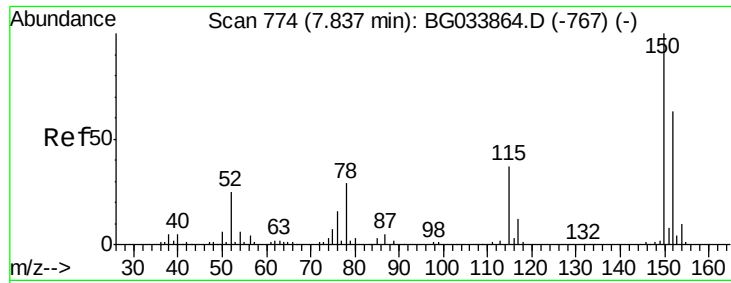
Instrument :
BNA_G
ClientSampleId :
TP-3

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:53 PM

Quant Time: Apr 28 01:54:10 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

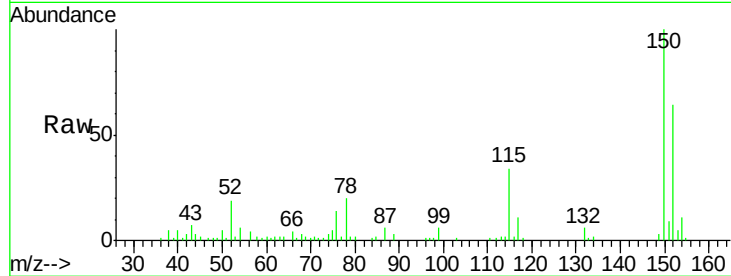
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.76 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034049.D
Acq: 27 Apr 2018 21:25

Instrument :
BNA_G
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	53.5	53.0	79.4

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:53 PM



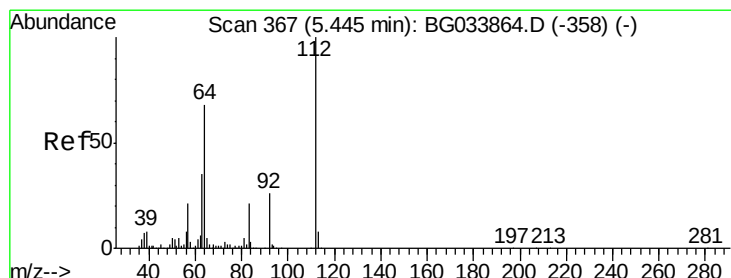
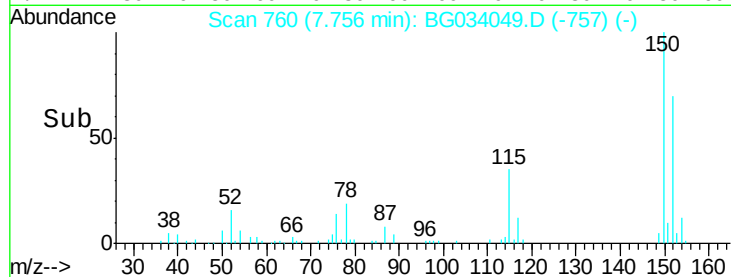
Abundance

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

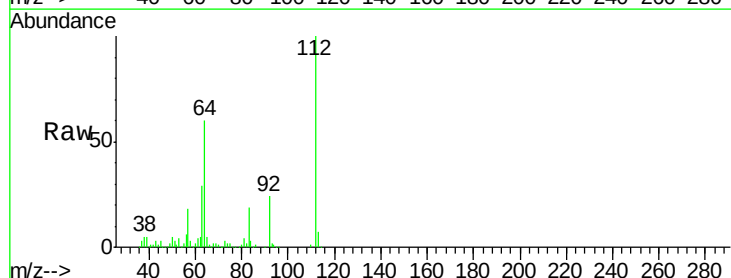
Time-->



#5

2-Fluorophenol
Concen: 123.543 ng
RT: 5.37 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034049.D
Acq: 27 Apr 2018 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	29.4	30.1	45.1



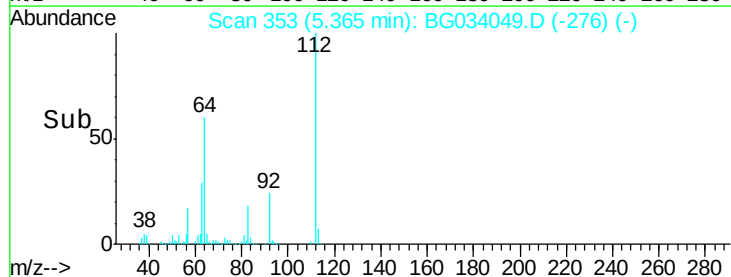
Abundance

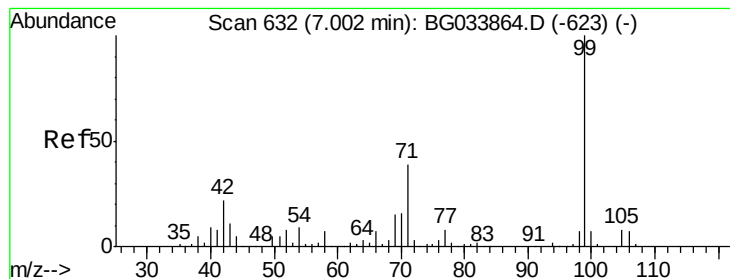
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

Time-->





#7

Phenol-d6

Concen: 102.817 ng

RT: 6.95 min Scan# 622

Delta R.T. -0.06 min

Lab File: BG034049.D

Acq: 27 Apr 2018 21:25

Instrument :

BNA_G

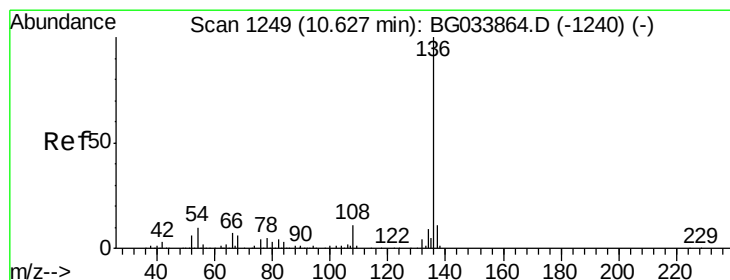
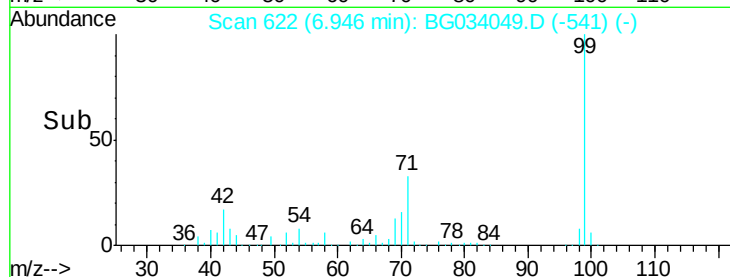
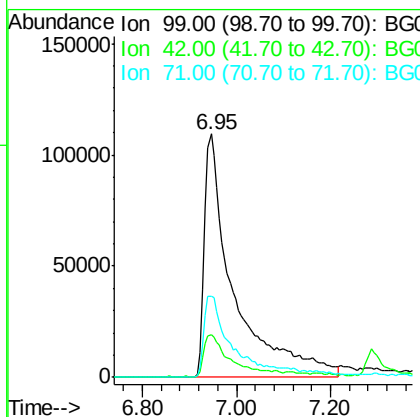
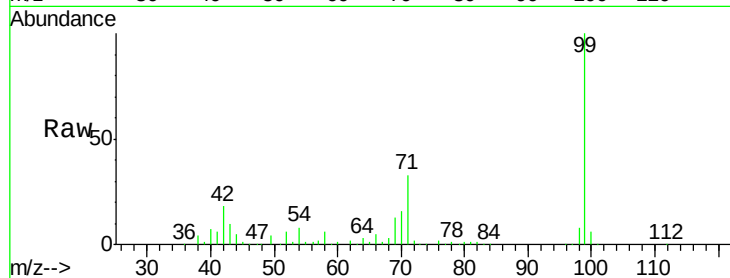
ClientSampled :

TP-3

Tot Ion:	99	Resp:	474869
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.1	21.1
71	33.2	26.1	39.1

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:53 PM



#21

Naphthalene-d8

Concen: 20.000 ng

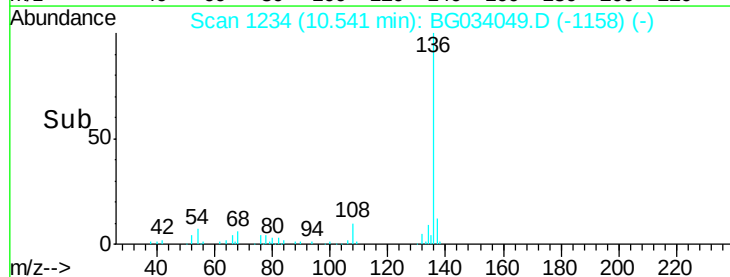
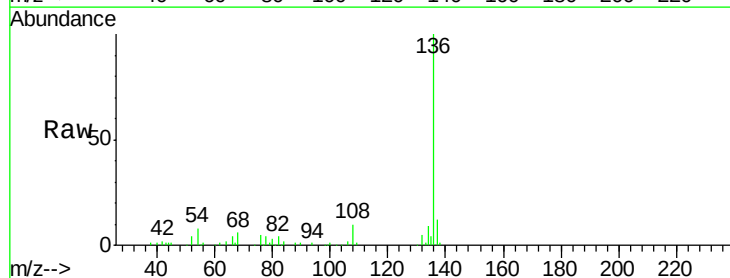
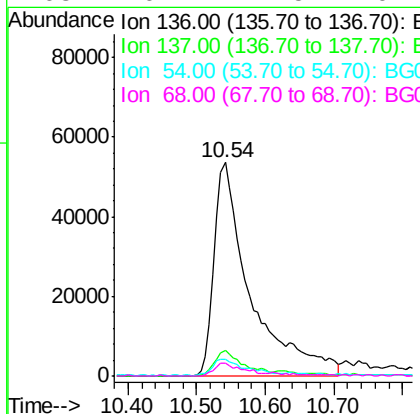
RT: 10.54 min Scan# 1234

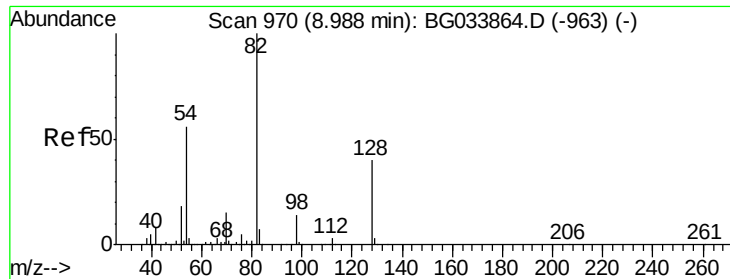
Delta R.T. -0.09 min

Lab File: BG034049.D

Acq: 27 Apr 2018 21:25

Tgt Ion:	136	Resp:	197738
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.2	13.8
54	7.9	10.3	15.5#
68	6.1	4.5	6.7





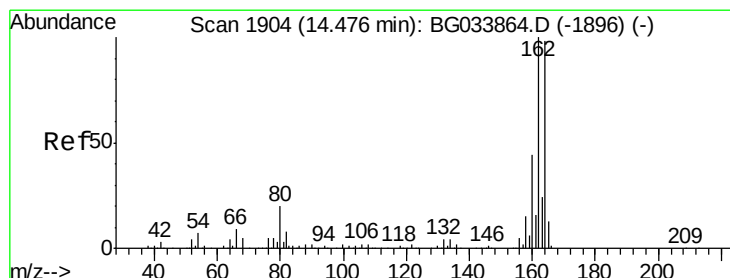
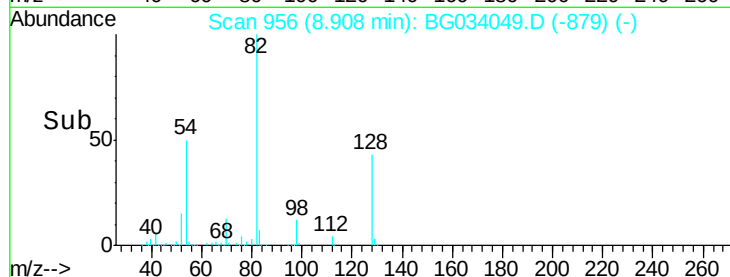
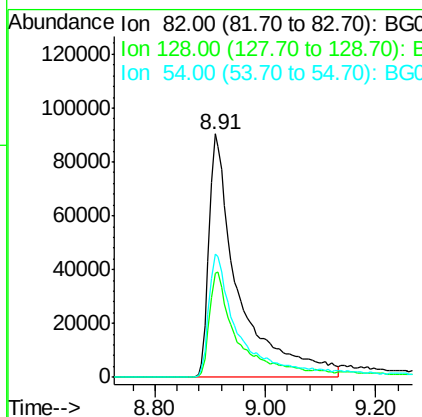
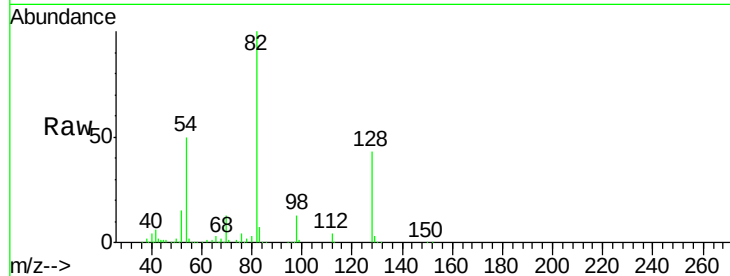
#23
 Nitrobenzene-d5
 Concen: 97.091 ng
 RT: 8.91 min Scan# 956
 Delta R.T. -0.08 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	50.5	43.1	64.7

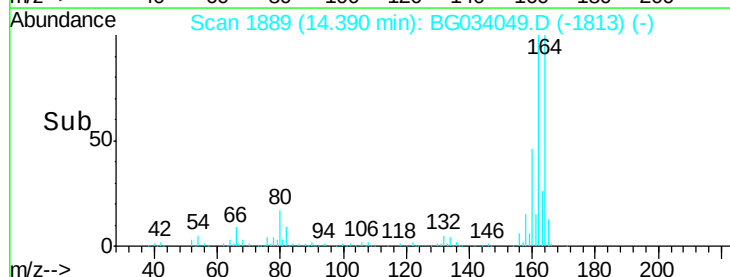
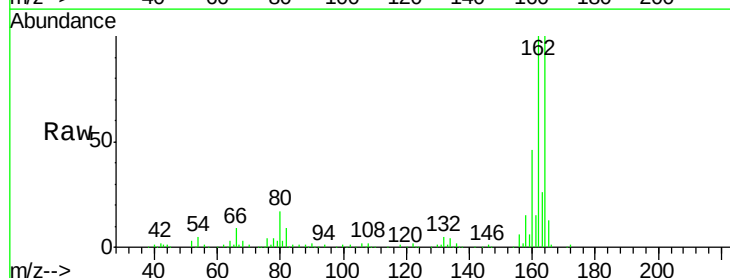
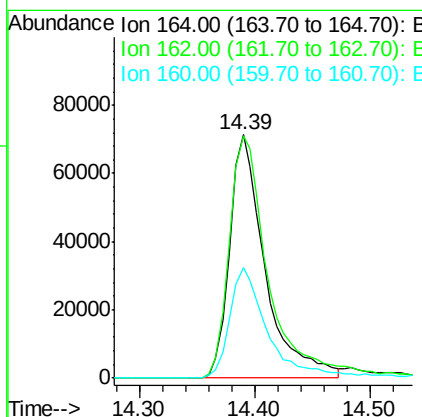
Manual Integrations
 APPROVED

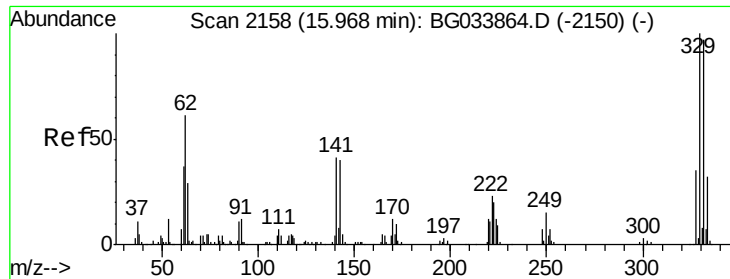
Sohil
 4/30/2018 7:02:53 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.09 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	45.6	35.4	53.0





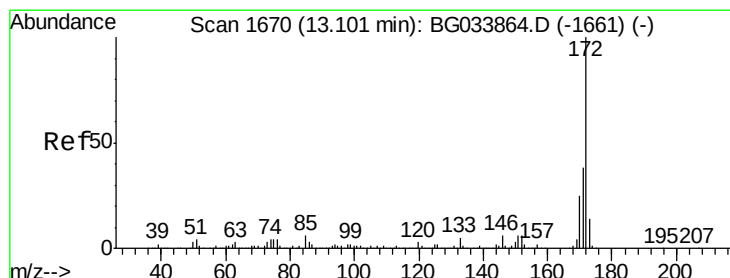
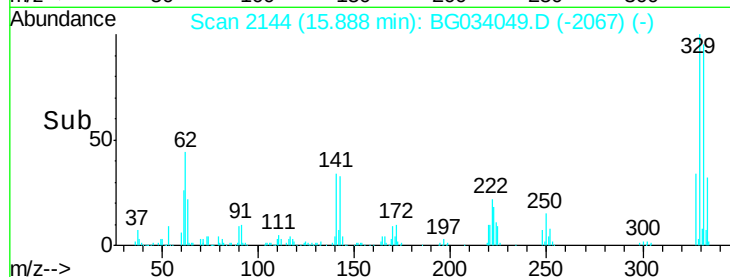
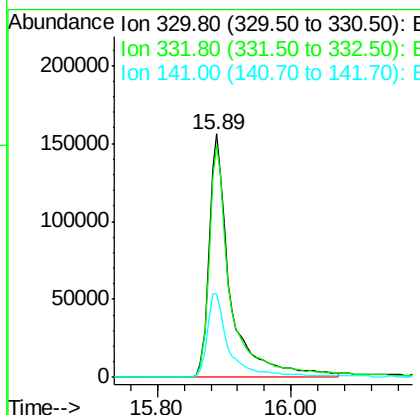
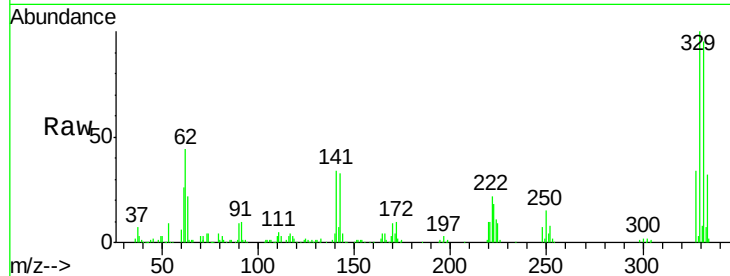
#41
 2,4,6-Tribromophenol
 Concen: 196.763 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.08 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.9	25.2	37.8

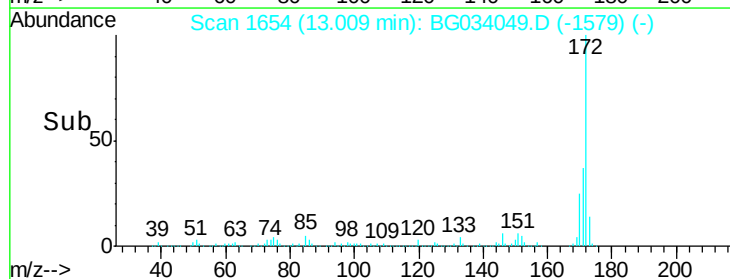
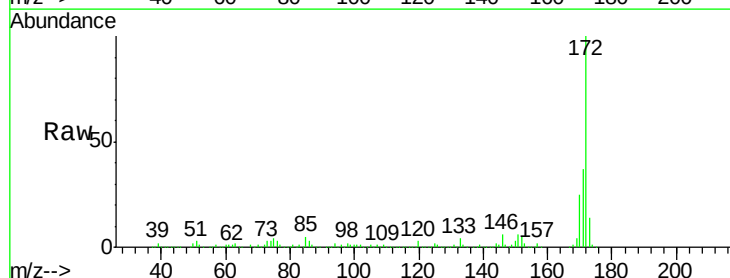
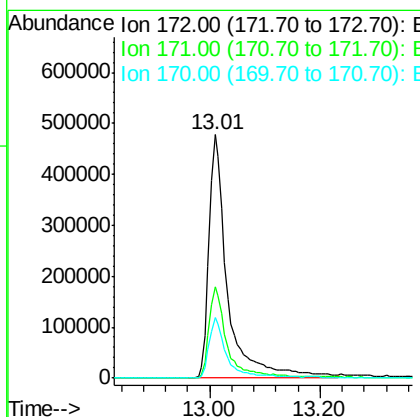
Manual Integrations
 APPROVED

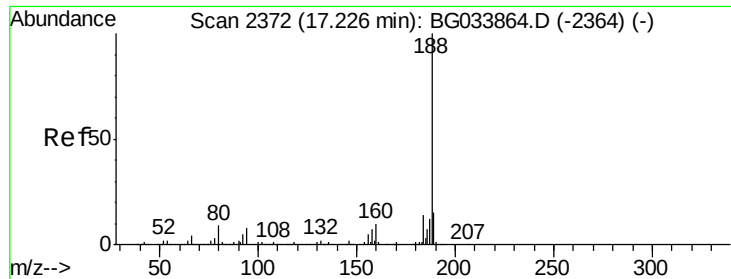
Sohil
 4/30/2018 7:02:53 PM



#44
 2-Fluorobiphenyl
 Concen: 107.837 ng
 RT: 13.01 min Scan# 1654
 Delta R.T. -0.09 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034049.D

Acq: 27 Apr 2018 21:25

Instrument :

BNA_G

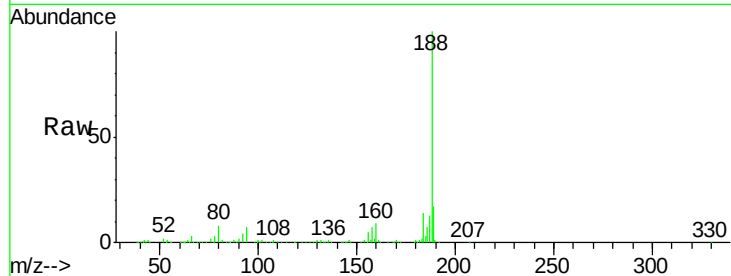
ClientSampled :

TP-3

Tot Ion:	188	Resp:	462529
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.9	10.3
80	8.2	7.7	11.5

Manual Integrations
APPROVED

Sohil
4/30/2018 7:02:53 PM

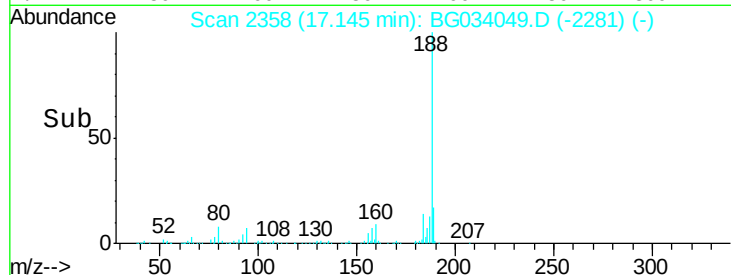


Abundance Ion 188.00 (187.70 to 188.70): E

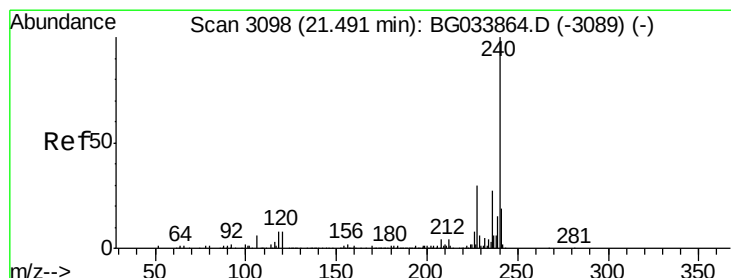
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

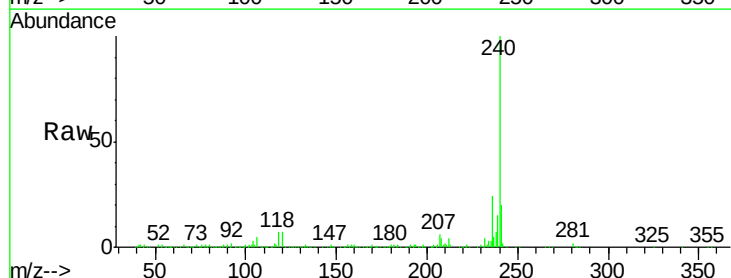
RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034049.D

Acq: 27 Apr 2018 21:25

Tgt Ion:	240	Resp:	526090
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.8	10.2
236	24.5	20.9	31.3

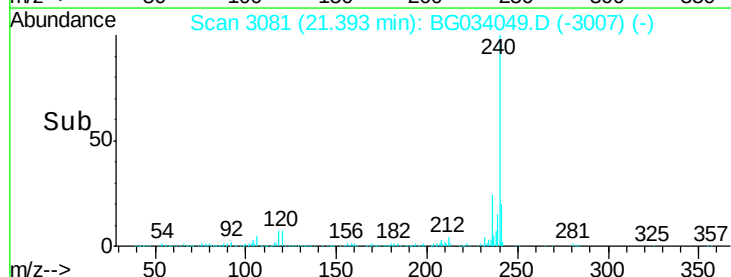


Abundance Ion 240.00 (239.70 to 240.70): E

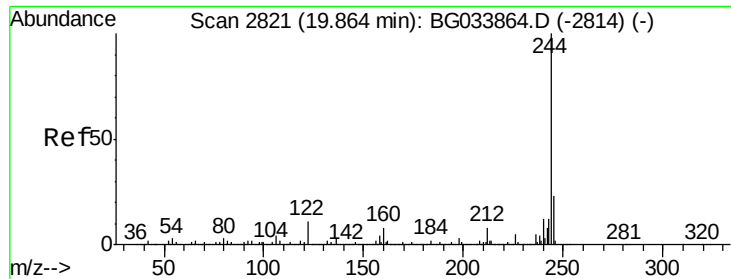
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



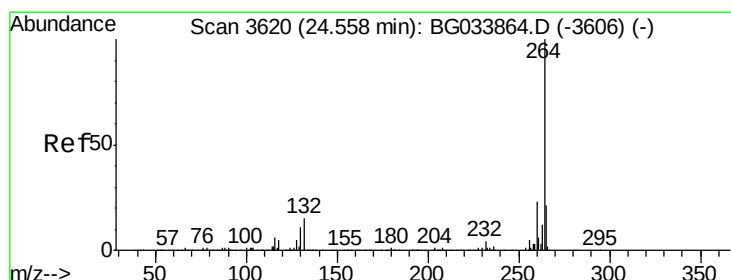
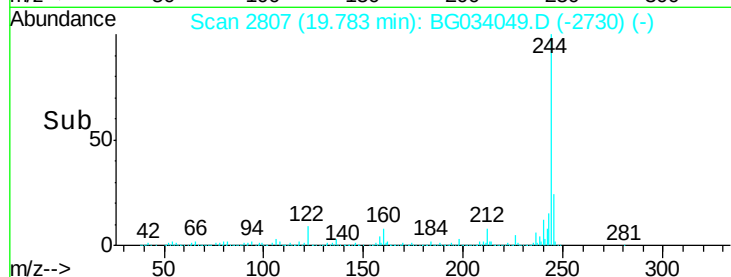
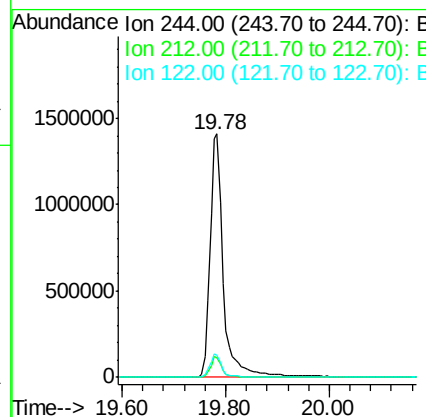
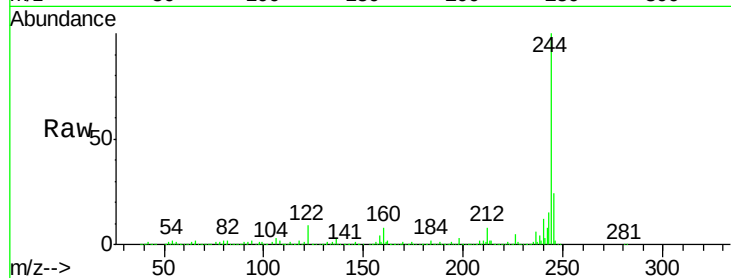
#78
 Terphenyl-d14
 Concen: 108.617 ng
 RT: 19.78 min Scan# 2807
 Delta R.T. -0.08 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:244 Resp: 2543483
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 9.0 7.0 10.4

Manual Integrations
 APPROVED

Sohil
 4/30/2018 7:02:53 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.39 min Scan# 3591
 Delta R.T. -0.17 min
 Lab File: BG034049.D
 Acq: 27 Apr 2018 21:25

Tgt Ion:264 Resp: 517212
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 20.0 17.7 26.5

