

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030640.D
 Acq On : 1 Nov 2017 18:54
 Operator : SJ/JU
 Sample : I6199-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-4

Manual Integrations
 APPROVED

Sohil
 11/2/2017 4:32:31 PM

Quant Time: Nov 01 20:46:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72308	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	337849	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	230206	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	520813	20.00	ng	0.00
75) Chrysene-d12	21.78	240	561430	20.00	ng	0.00
86) Perylene-d12	25.09	264	566427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	228549	52.80	ng	0.00
7) Phenol-d6	7.31	99	200709	33.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	550787	103.60	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	305318	102.72	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1516714	96.63	ng	0.00
78) Terphenyl-d14	20.10	244	2313591	93.75	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	8.19	146	13669	2.404	ng	Qvalue 93

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

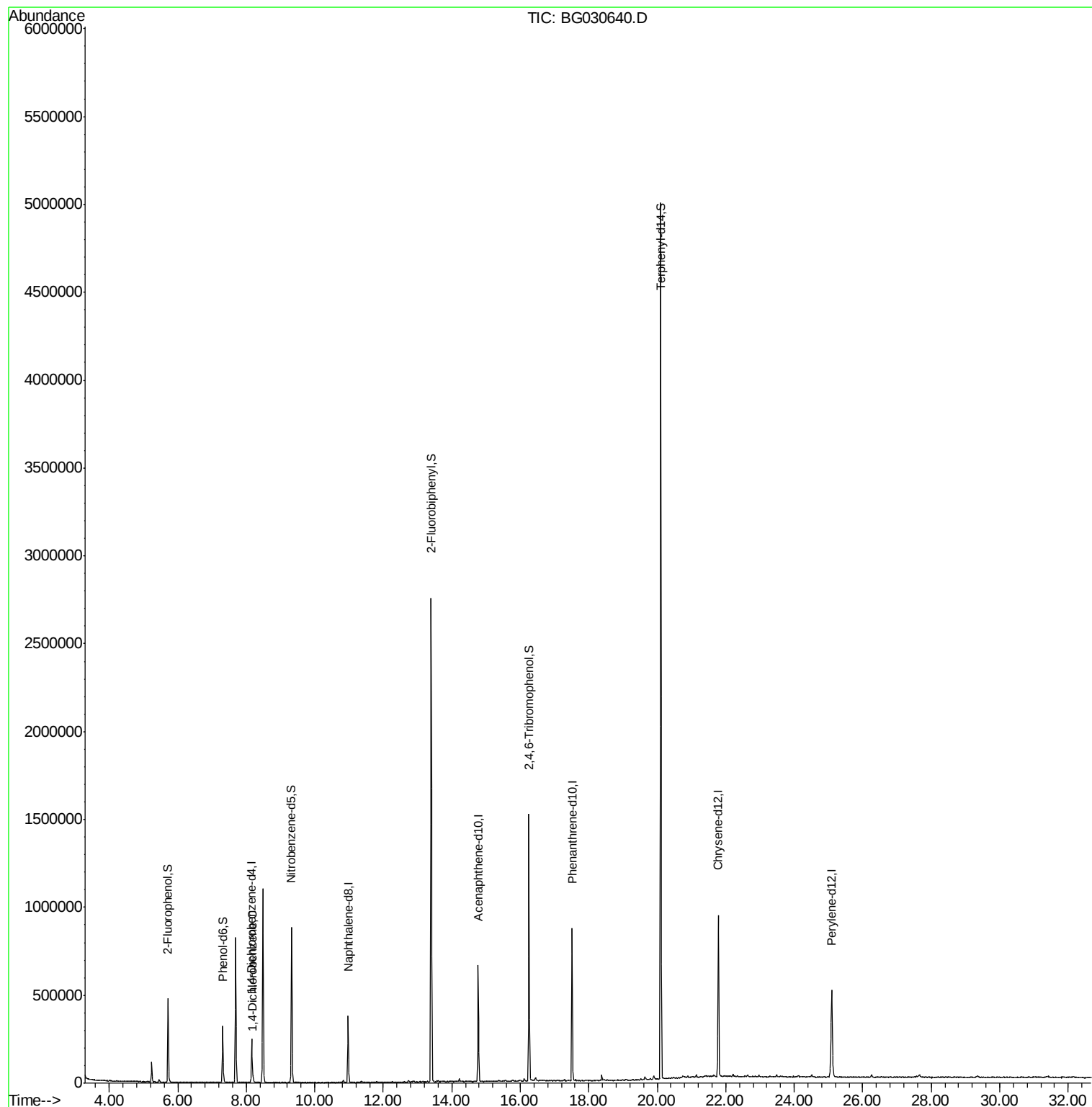
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030640.D
Acq On : 1 Nov 2017 18:54
Operator : SJ/JU
Sample : I6199-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

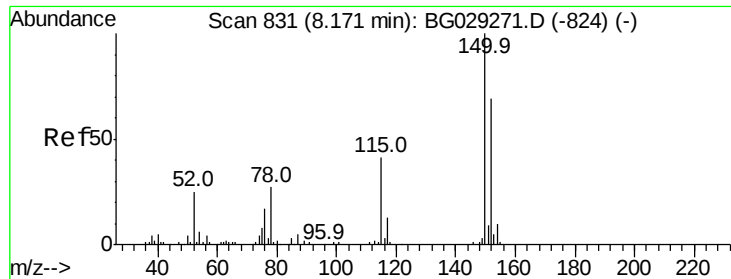
Instrument :
BNA_G
ClientSampleId :
MR-4

Manual Integrations
APPROVED

Sohil
11/2/2017 4:32:31 PM

Quant Time: Nov 01 20:46:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration





#1

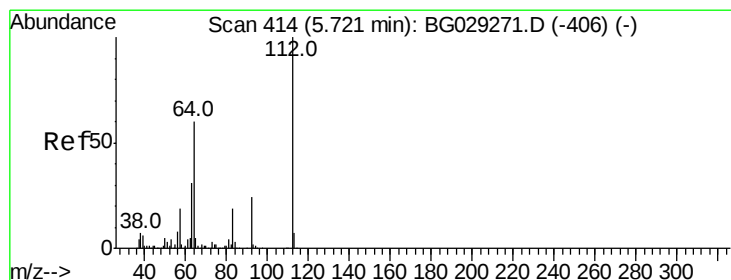
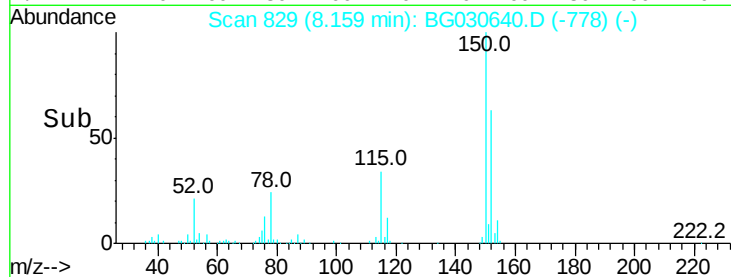
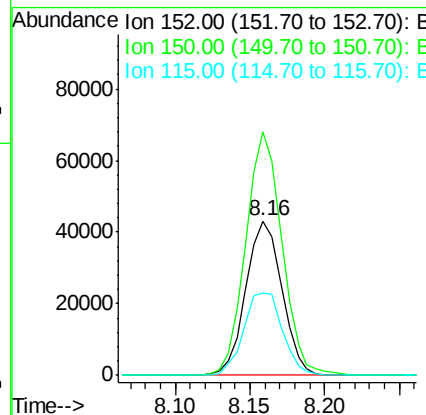
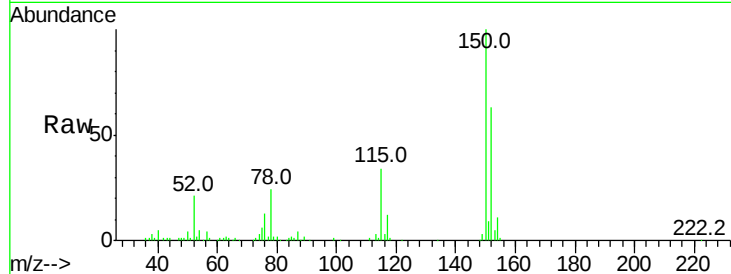
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampled :
MR-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	53.7	53.0	79.4

Manual Integrations
APPROVED

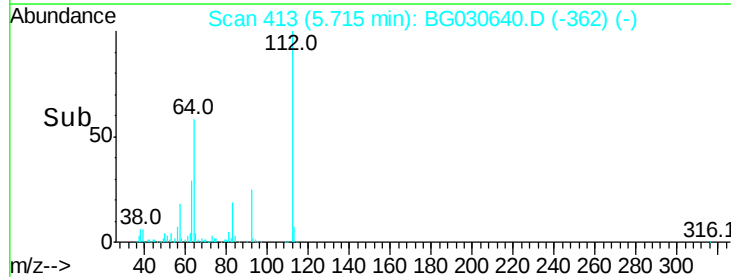
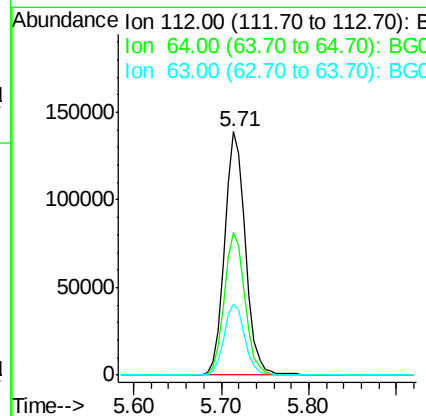
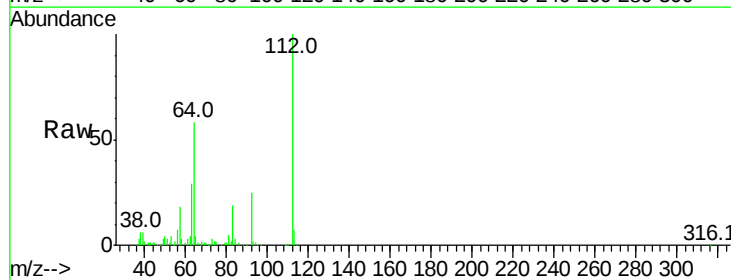
Sohil
11/2/2017 4:32:31 PM

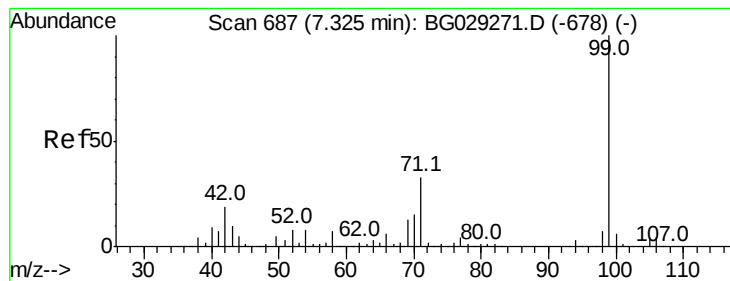


#5

2-Fluorophenol
Concen: 52.802 ng
RT: 5.71 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	56.3	84.5
63	29.3	30.1	45.1#





#7

Phenol-d6

Concen: 33.035 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

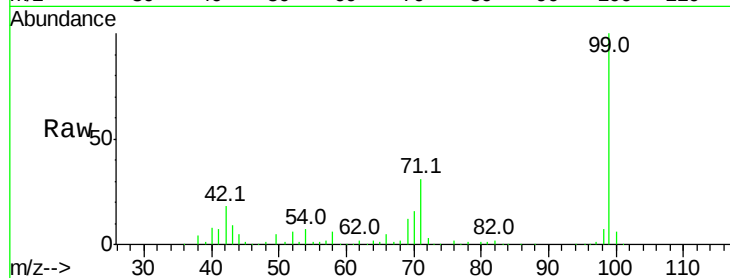
ClientSampled :

MR-4

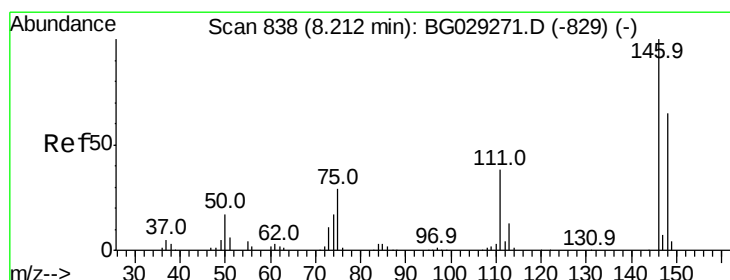
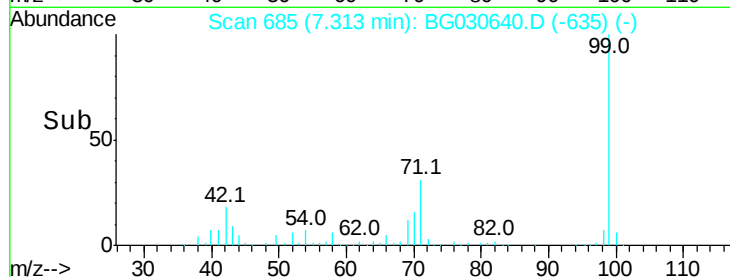
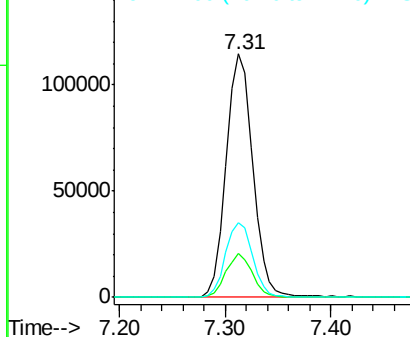
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		200709		
42	18.1	14.1	21.1		
71	30.5	26.1	39.1		

Manual Integrations
APPROVED

Sohil
11/2/2017 4:32:31 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#13

1,4-Dichlorobenzene

Concen: 2.404 ng

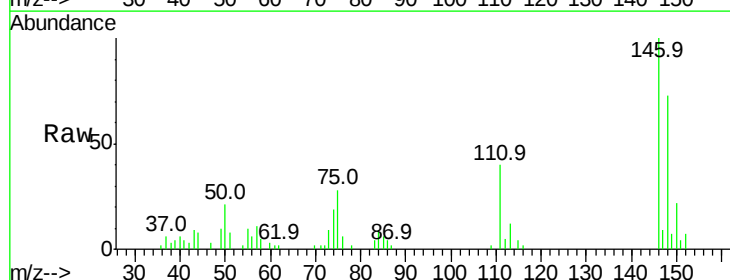
RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

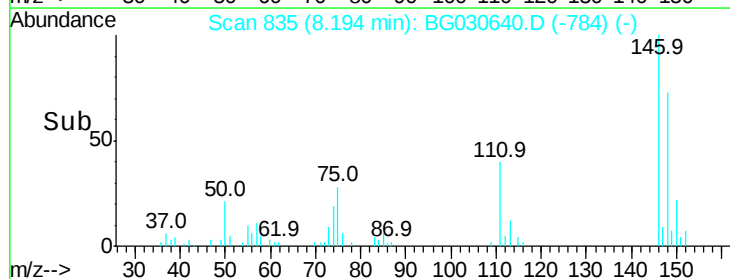
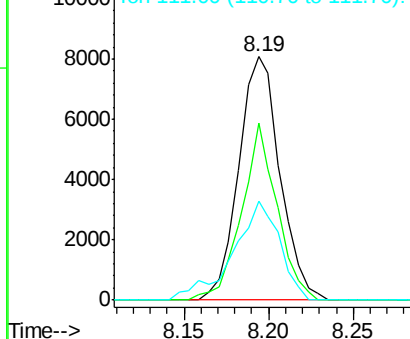
Lab File: BG030640.D

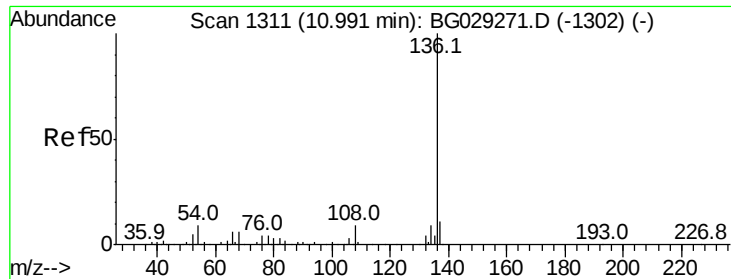
Acq: 1 Nov 2017 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		13669		
148	72.9	53.7	80.5		
111	40.4	35.2	52.8		



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





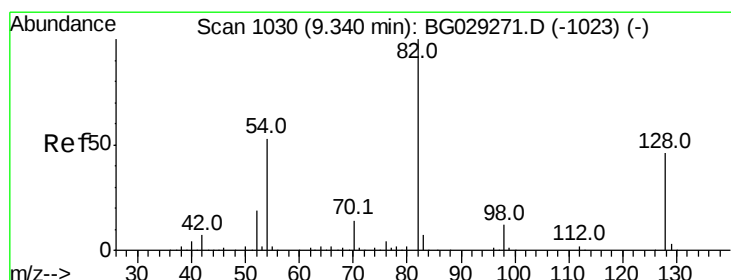
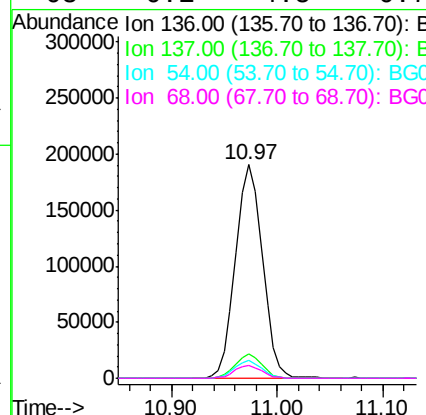
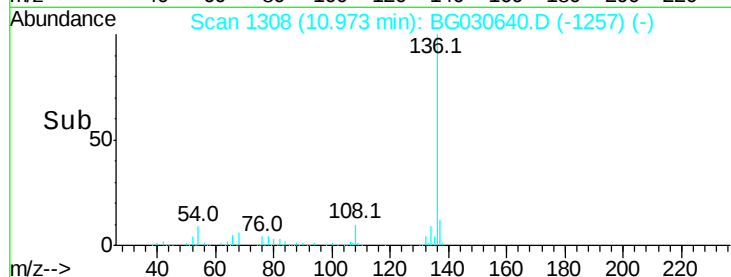
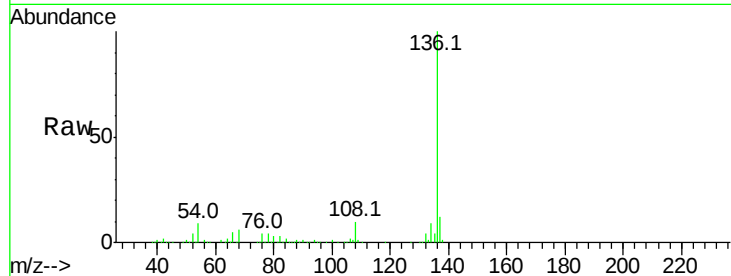
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampled :
MR-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.2	13.8	
54	8.6	10.3	15.5	
68	6.1	4.5	6.7	

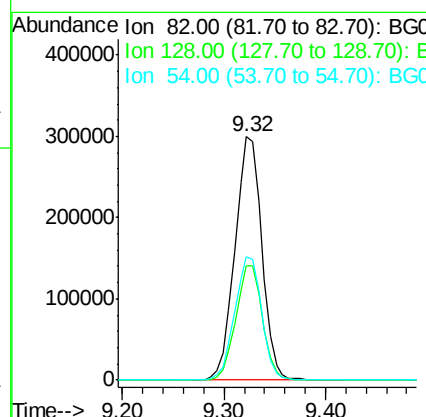
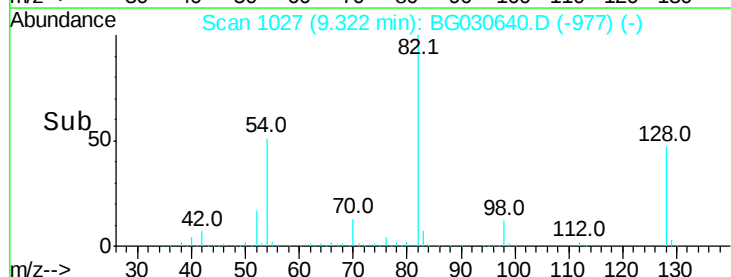
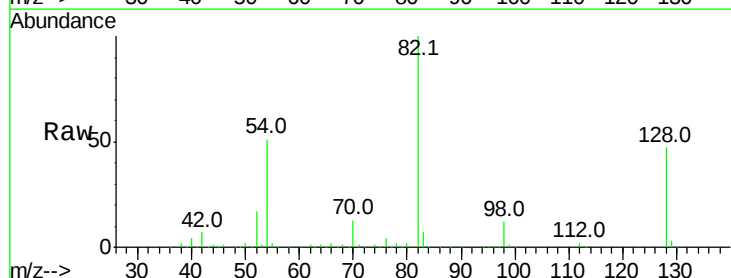
Manual Integrations
APPROVED

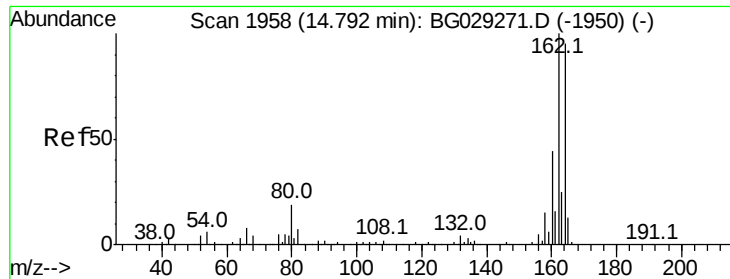
Sohil
11/2/2017 4:32:31 PM



#23
Nitrobenzene-d5
Concen: 103.599 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	29.7	44.5	
54	50.8	43.1	64.7	





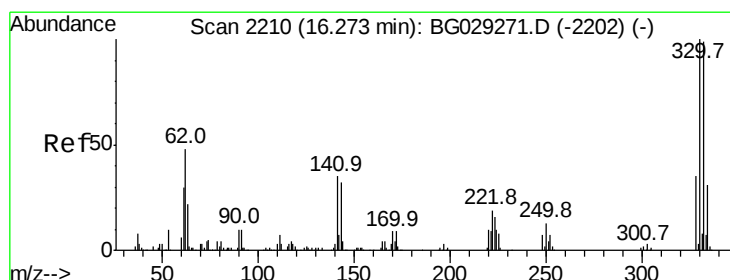
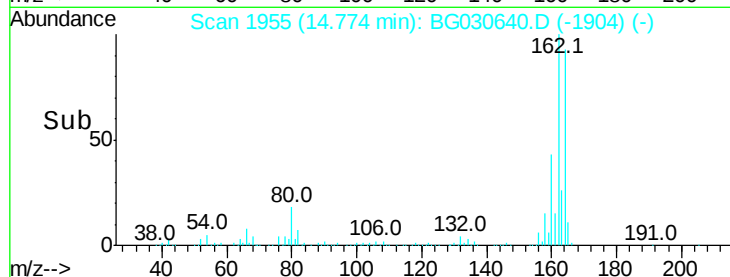
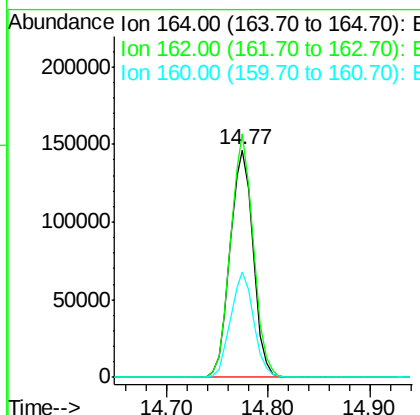
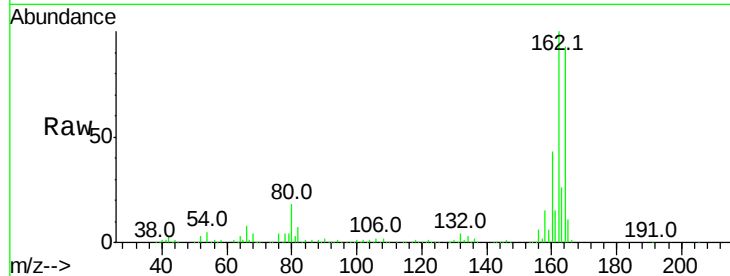
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
MR-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	46.0	35.4	53.0

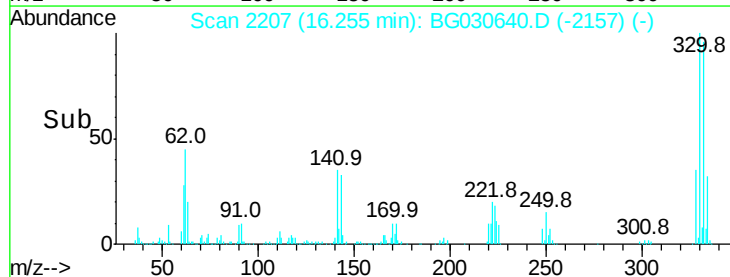
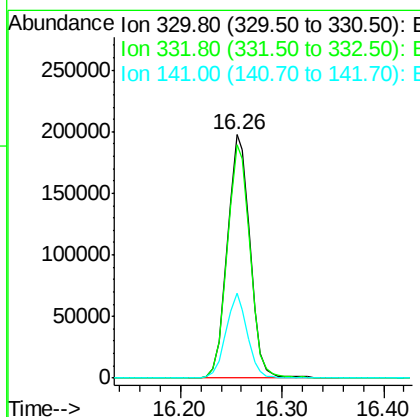
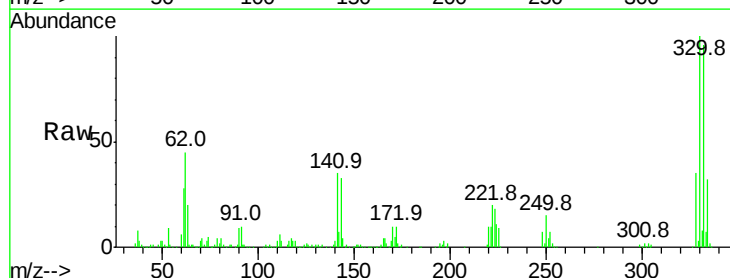
Manual Integrations
APPROVED

Sohil
11/2/2017 4:32:31 PM



#41
2,4,6-Tribromophenol
Concen: 102.725 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.8	25.2	37.8





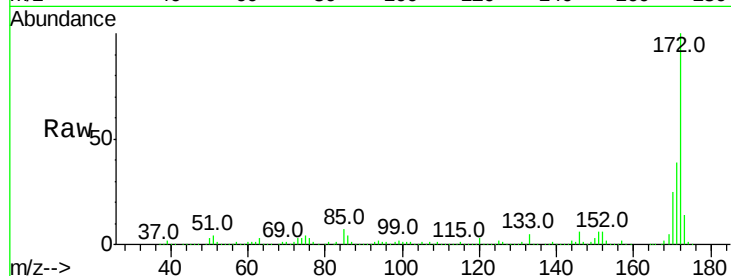
#44
 2-Fluorobiphenyl
 Concen: 96.631 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030640.D
 Acq: 1 Nov 2017 18:54

Instrument :
 BNA_G
 ClientSampleId :
 MR-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.4	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 11/2/2017 4:32:31 PM

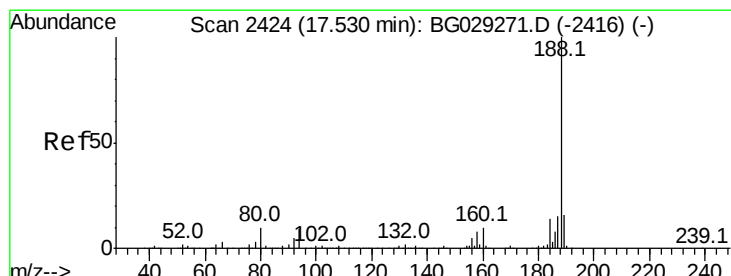
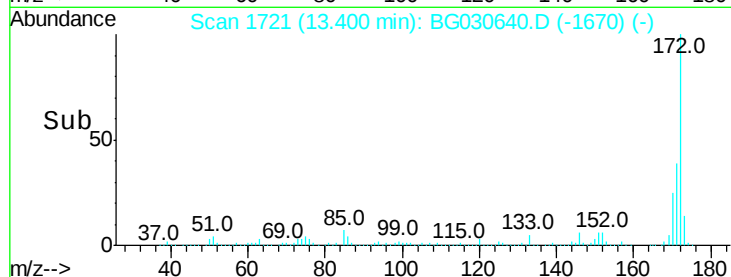
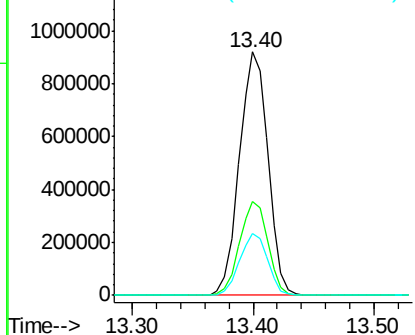


Abundance

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: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030640.D
 Acq: 1 Nov 2017 18:54

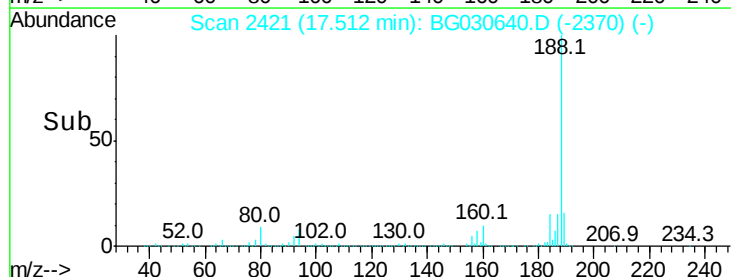
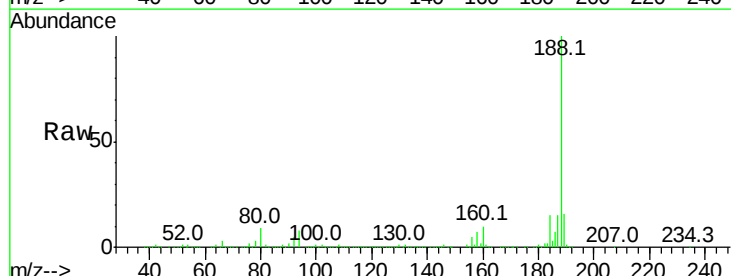
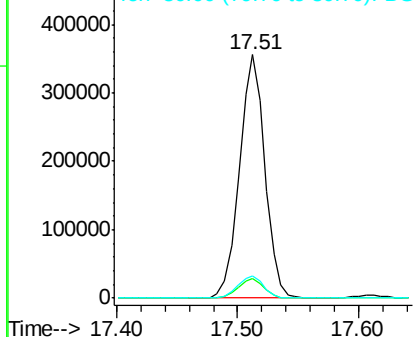
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	7.7	11.5

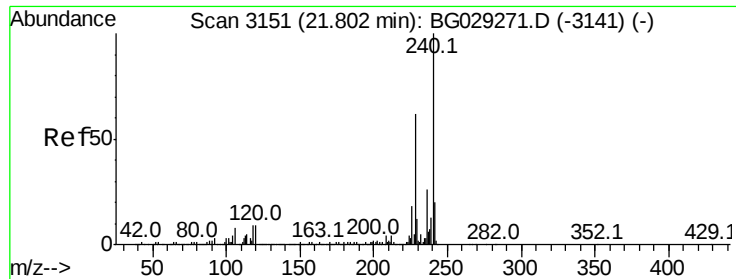
Abundance

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Instrument :

BNA_G

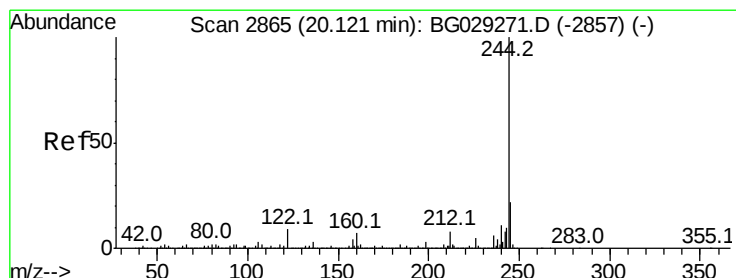
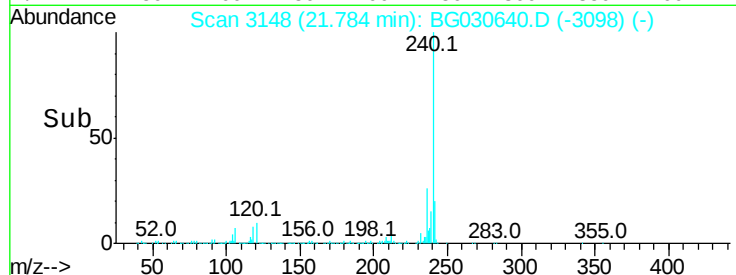
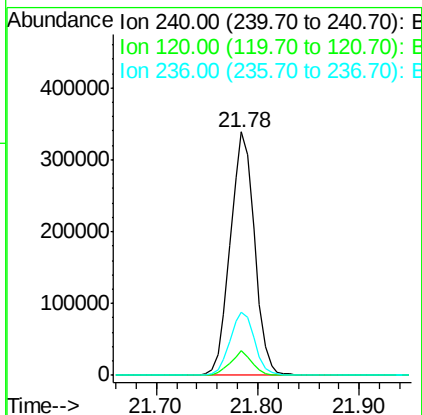
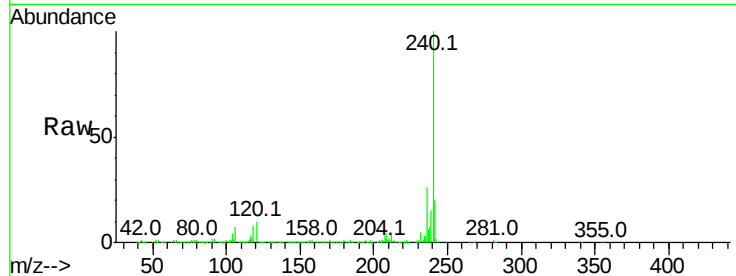
ClientSampleId :

MR-4

Tot Ion:	240	Resp:	561430
Ion Ratio	Lower	Upper	
240	100		
120	9.9	6.8	10.2
236	26.2	20.9	31.3

Manual Integrations
APPROVED

Sohil
11/2/2017 4:32:31 PM



#78

Terphenyl-d14

Concen: 93.747 ng

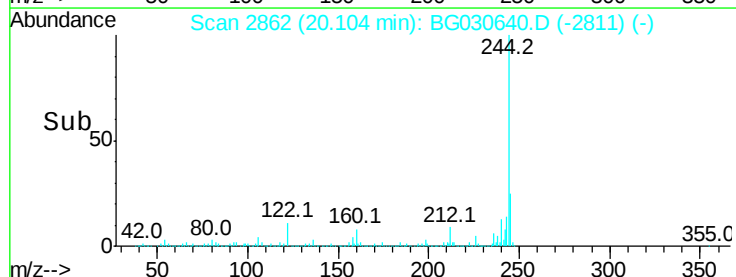
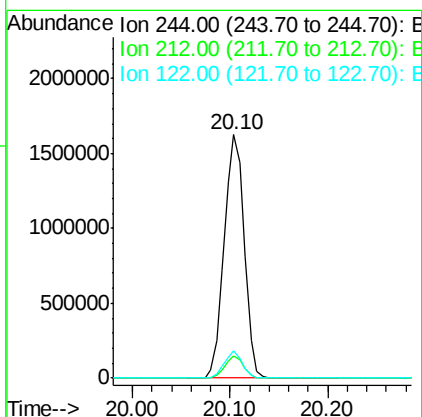
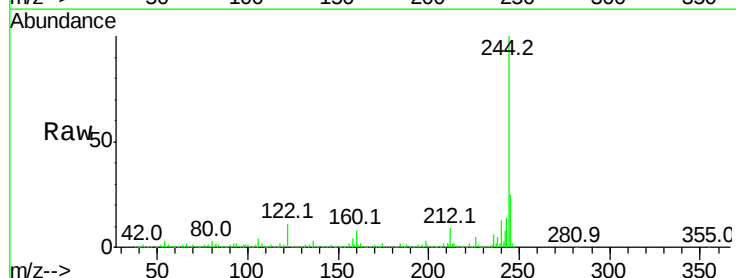
RT: 20.10 min Scan# 2862

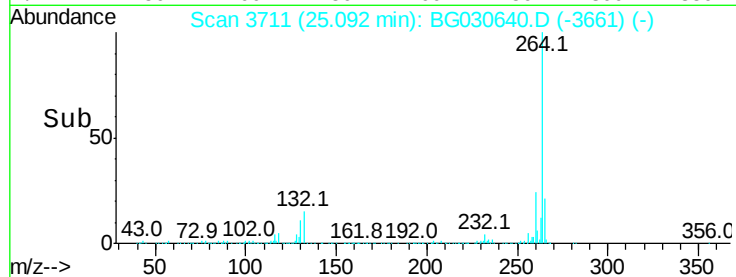
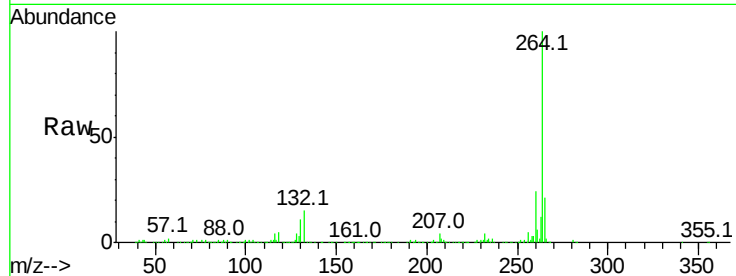
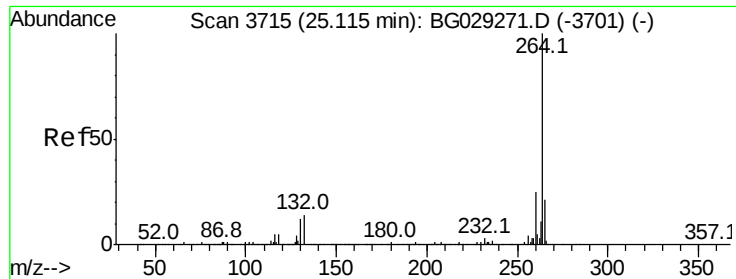
Delta R.T. 0.00 min

Lab File: BG030640.D

Acq: 1 Nov 2017 18:54

Tgt Ion:	244	Resp:	2313591
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.8	8.8#
122	11.0	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG030640.D
Acq: 1 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
MR-4

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	17.4	26.0
265	21.2	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/2/2017 4:32:31 PM

