

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028770.D
 Acq On : 15 Sep 2017 16:42
 Operator : SJ/JU
 Sample : I5167-24
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:31:39 PM

Quant Time: Sep 16 05:26:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26960	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	106731	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	89925	20.00	ng	-0.04
63) Phenanthrene-d10	17.65	188	256235	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	292191	20.00	ng	-0.05
86) Perylene-d12	25.44	264	298427	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	103491	63.34	ng	-0.05
7) Phenol-d6	7.44	99	89560	36.41	ng	-0.05
23) Nitrobenzene-d5	9.46	82	205348	92.04	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	238664	160.47	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	593995	88.08	ng	-0.04
78) Terphenyl-d14	20.25	244	1243905	90.79	ng	-0.04
Target Compounds						
35) Caprolactam	12.02	113	20311	29.618	ng	# 72
54) Dibenzofuran	15.30	168	18303	2.178	ng	# 87
57) Fluorene	15.95	166	26942	3.591	ng	92
70) Phenanthrene	17.70	178	34697	2.648	ng	# 93

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

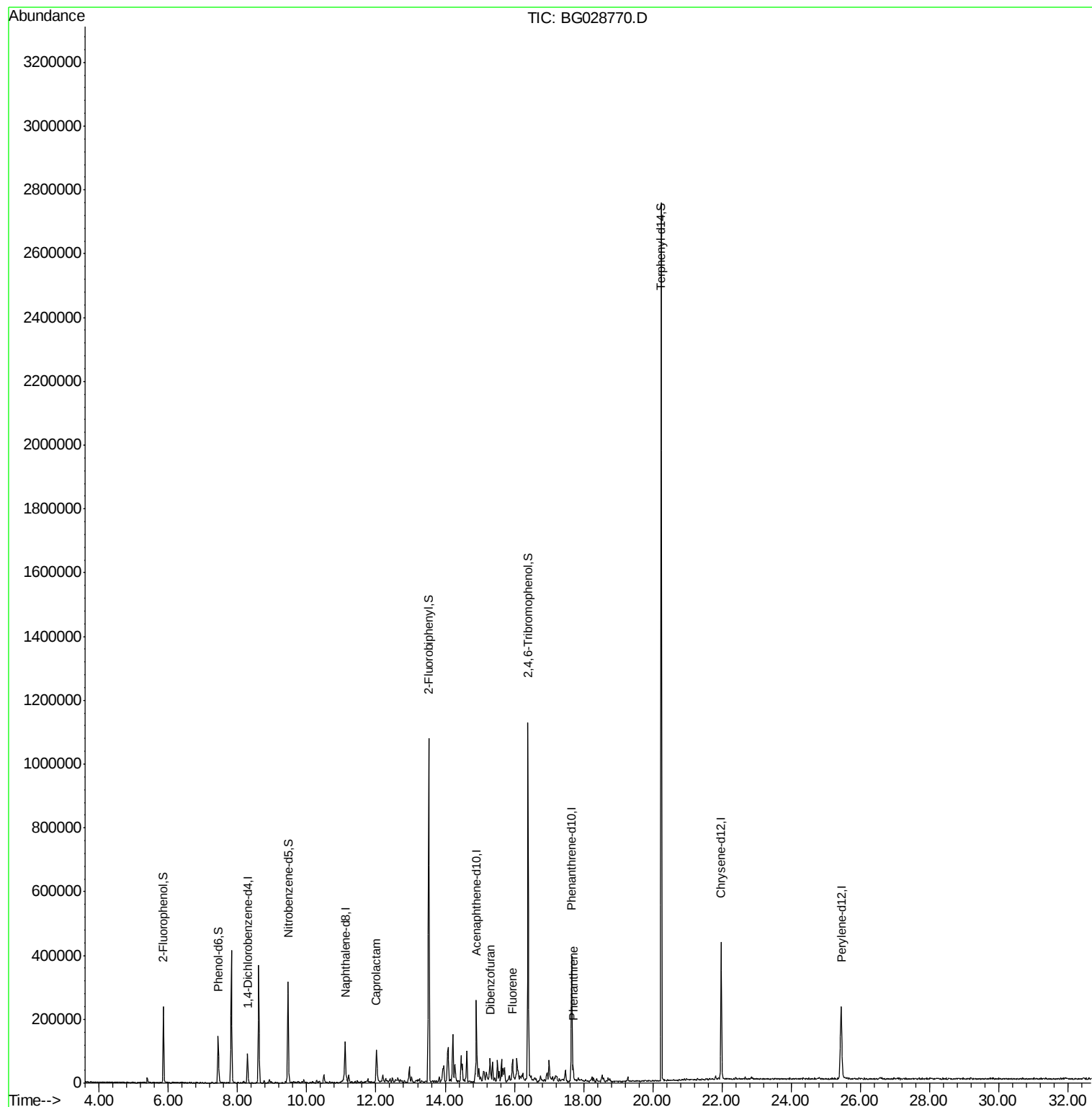
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028770.D
Acq On : 15 Sep 2017 16:42
Operator : SJ/JU
Sample : I5167-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C19013061

Manual Integrations
APPROVED

Sohil
9/18/2017 3:31:39 PM

Quant Time: Sep 16 05:26:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

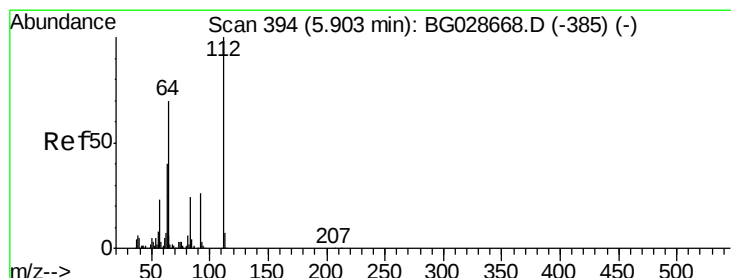
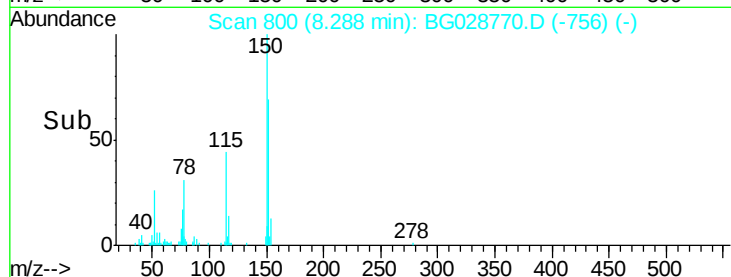
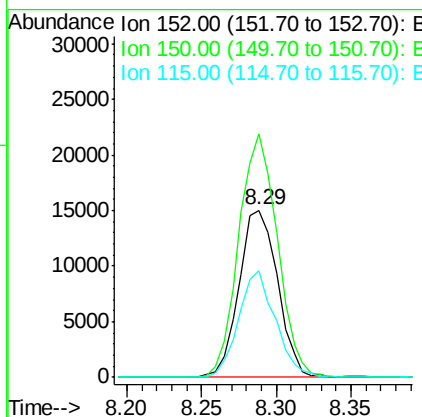
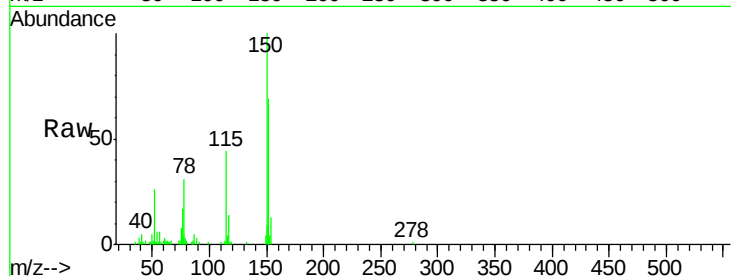
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
C19013061

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.7	114.0	171.0
115	64.0	48.1	72.1

Manual Integrations
APPROVED

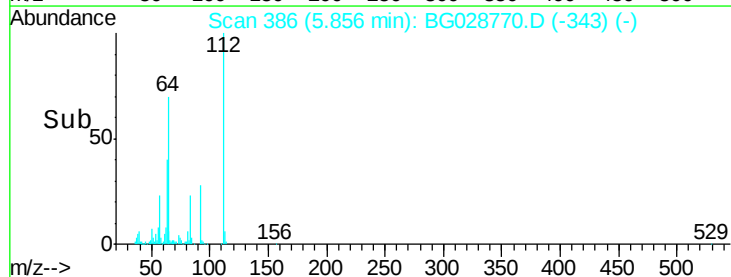
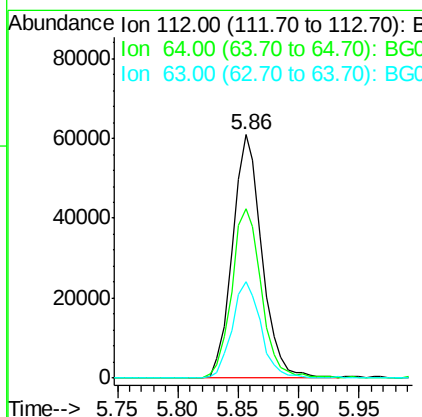
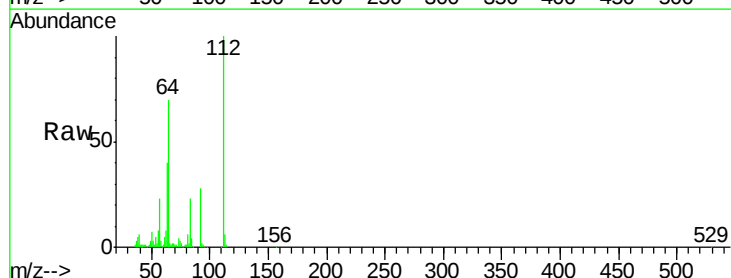
Sohil
9/18/2017 3:31:39 PM

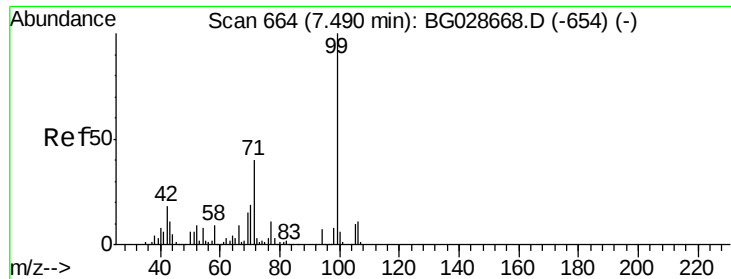


#5

2-Fluorophenol
Concen: 63.340 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.8	92.6
63	39.8	37.2	55.8





#7

Phenol-d6

Concen: 36.406 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028770.D

Acq: 15 Sep 2017 16:42

Instrument :

BNA_G

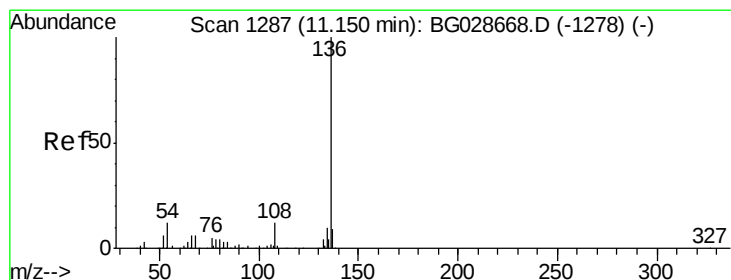
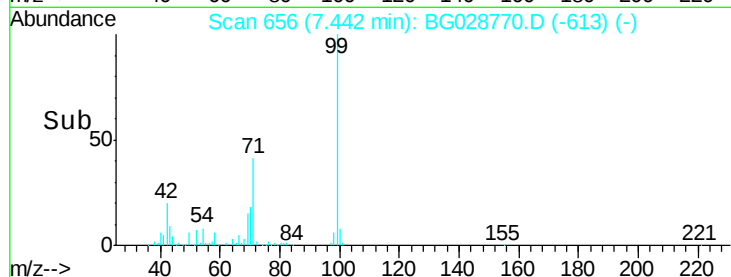
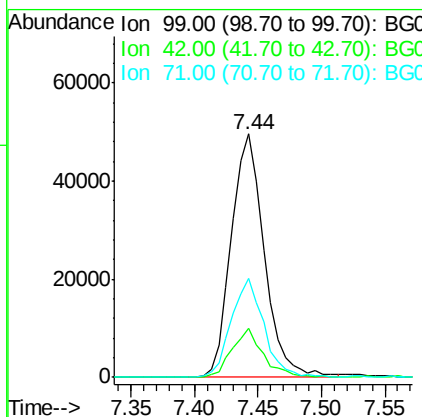
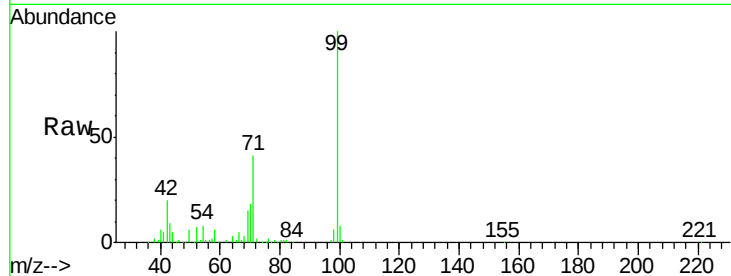
ClientSampleId :

C19013061

Tgt Ion:	99	Resp:	89560
Ion Ratio	Lower	Upper	
99	100		
42	20.3	20.5	30.7#
71	40.5	37.6	56.4

Manual Integrations
APPROVED

Sohil
9/18/2017 3:31:39 PM



#21

Naphthalene-d8

Concen: 20.000 ng

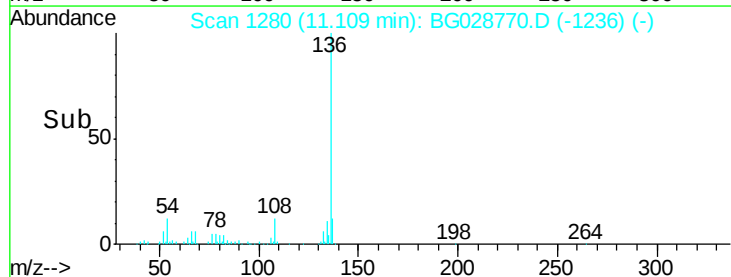
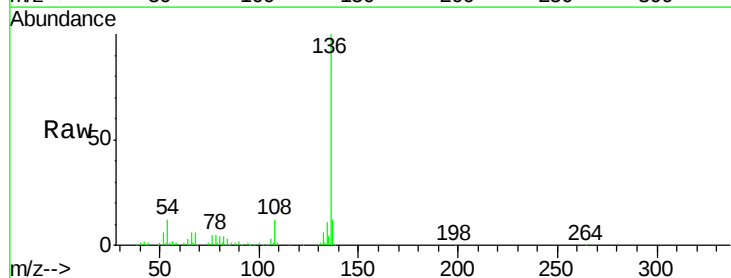
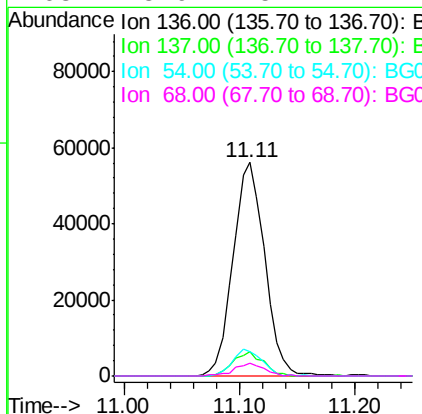
RT: 11.11 min Scan# 1280

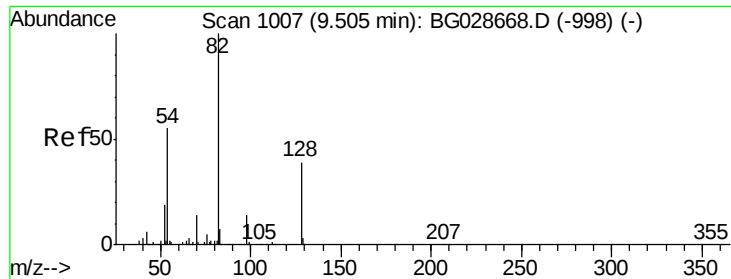
Delta R.T. -0.04 min

Lab File: BG028770.D

Acq: 15 Sep 2017 16:42

Tgt Ion:	136	Resp:	106731
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	11.6	9.3	13.9
68	5.9	5.1	7.7





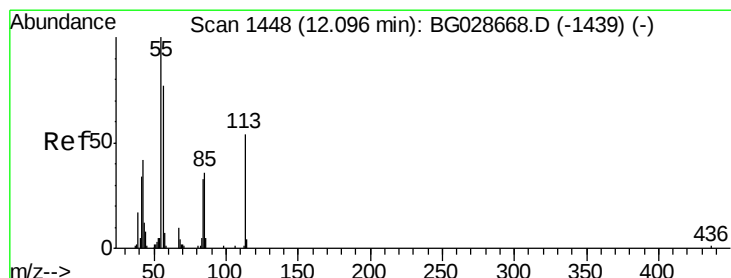
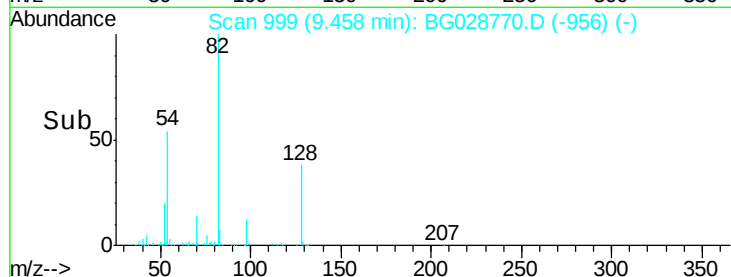
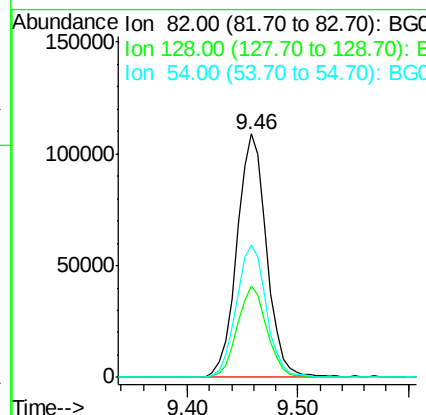
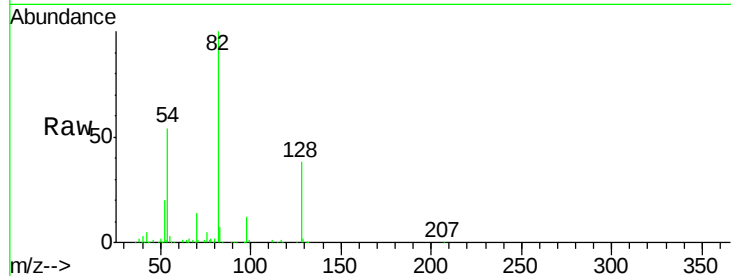
#23
 Nitrobenzene-d5
 Concen: 92.038 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	205348		
128	37.6	26.4	39.6	
54	54.1	49.4	74.2	

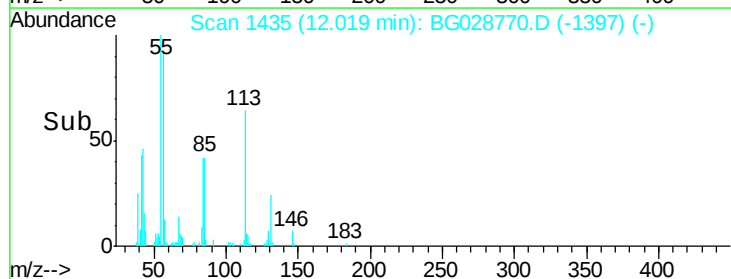
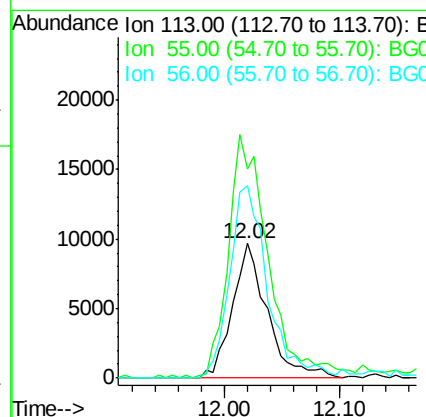
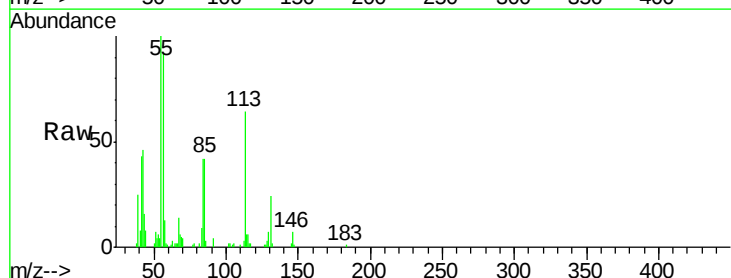
Manual Integrations
 APPROVED

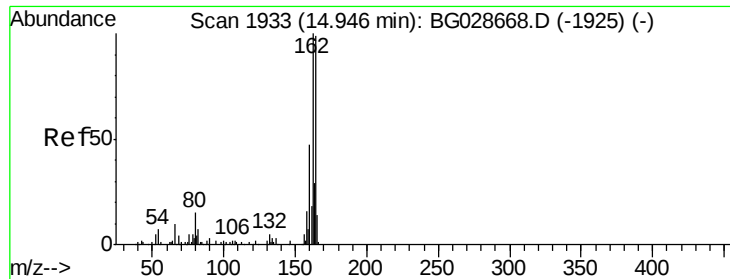
Sohil
 9/18/2017 3:31:39 PM



#35
 Caprolactam
 Concen: 29.618 ng
 RT: 12.02 min Scan# 1435
 Delta R.T. -0.08 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	20311		
55	155.6	198.6	238.6#	
56	143.5	140.4	180.4	





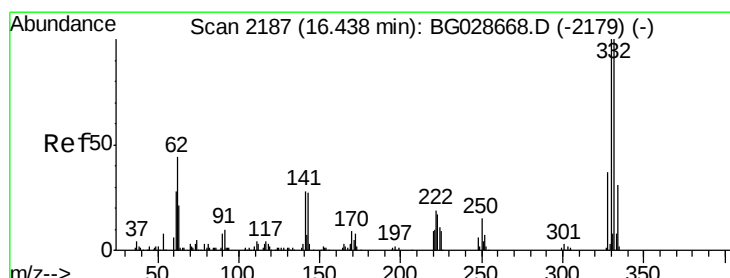
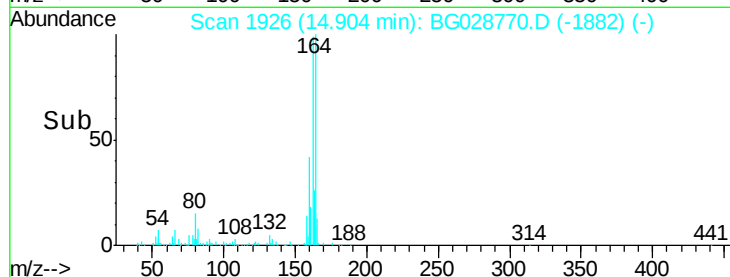
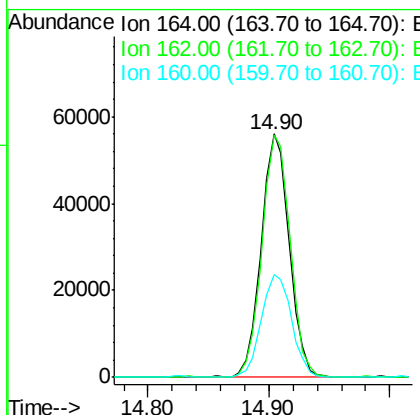
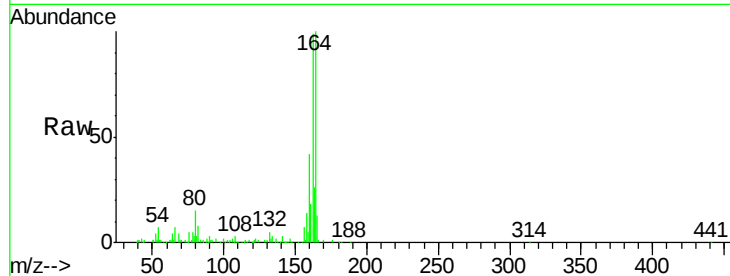
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
C19013061

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89925		
162	99.3	85.1	127.7	
160	42.4	34.7	52.1	

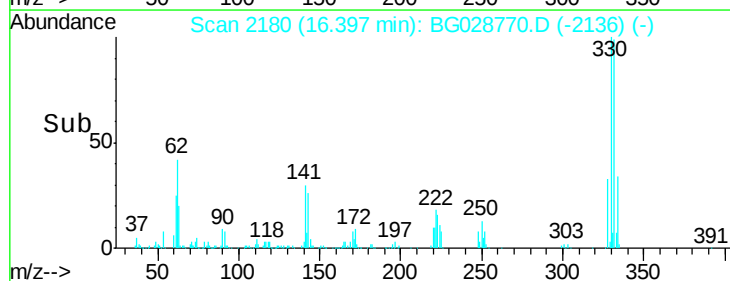
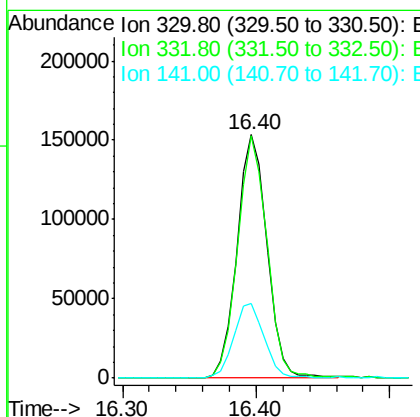
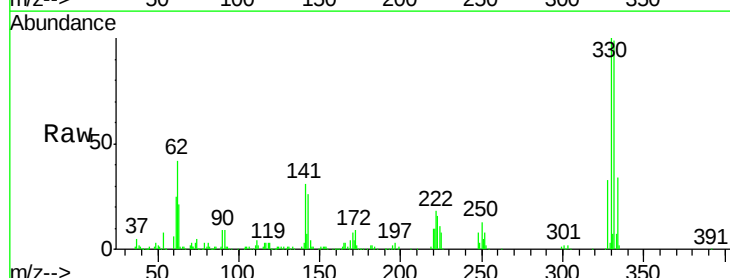
Manual Integrations
APPROVED

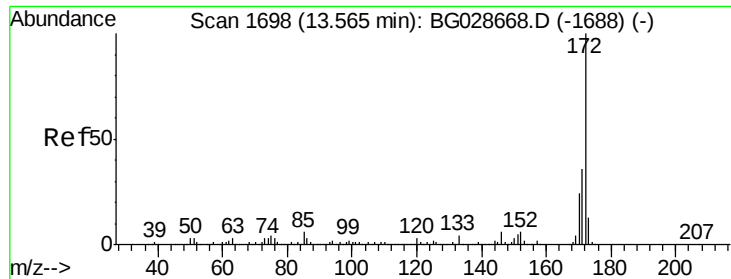
Sohil
9/18/2017 3:31:39 PM



#41
2,4,6-Tribromophenol
Concen: 160.467 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238664		
332	98.1	77.3	115.9	
141	31.5	32.1	48.1#	





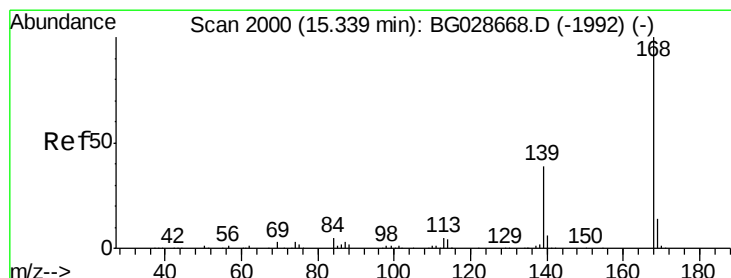
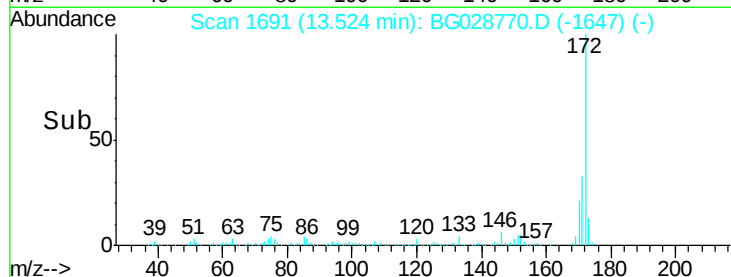
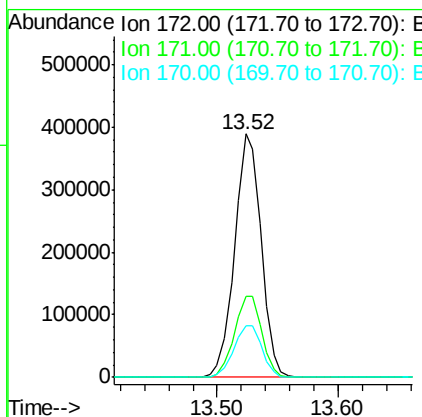
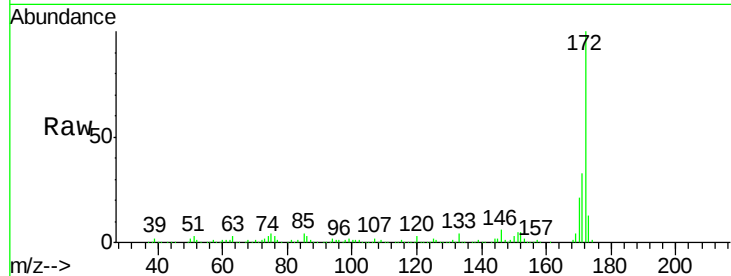
#44
 2-Fluorobiphenyl
 Concen: 88.079 ng
 RT: 13.52 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	33.2	32.2	48.2
170	21.3	21.8	32.6

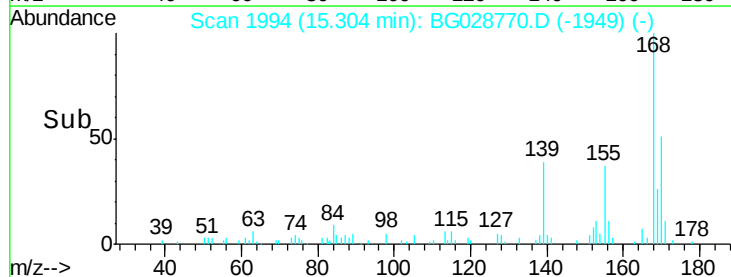
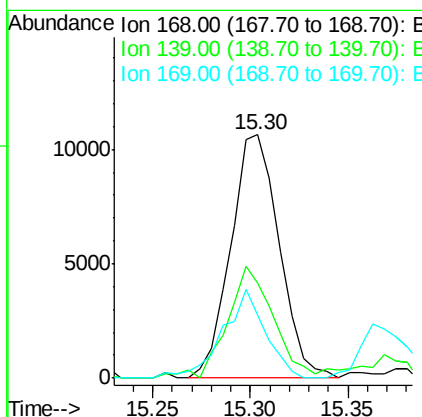
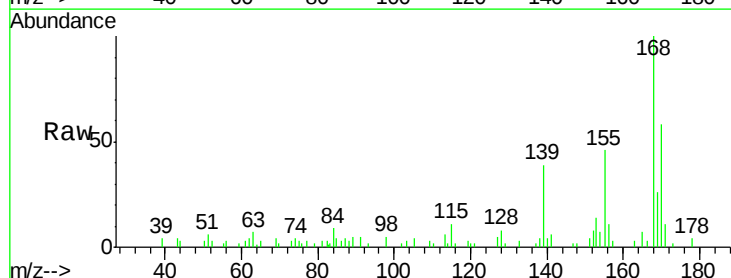
Manual Integrations
 APPROVED

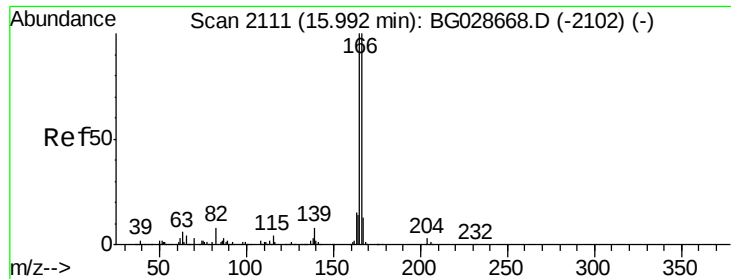
Sohil
 9/18/2017 3:31:39 PM



#54
 Dibenzofuran
 Concen: 2.178 ng
 RT: 15.30 min Scan# 1994
 Delta R.T. -0.04 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	39.2	35.3	52.9
169	26.0	11.5	17.3





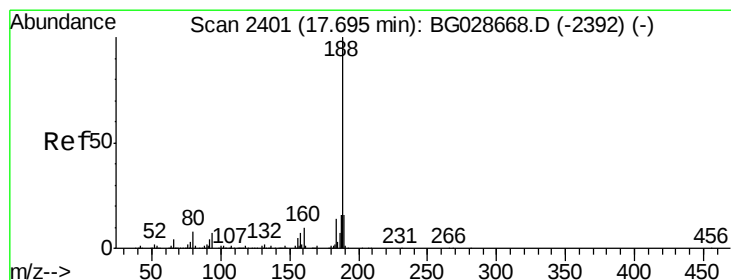
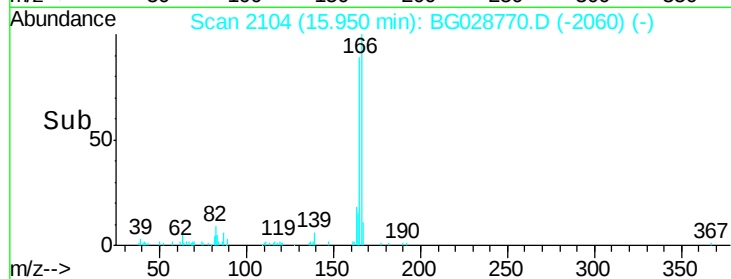
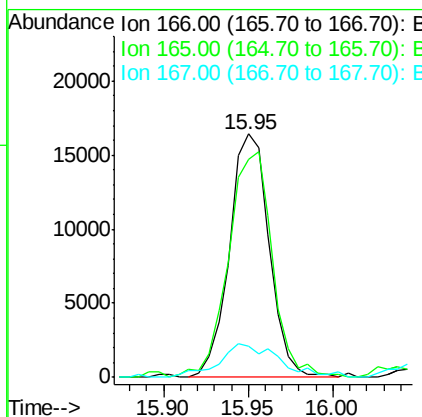
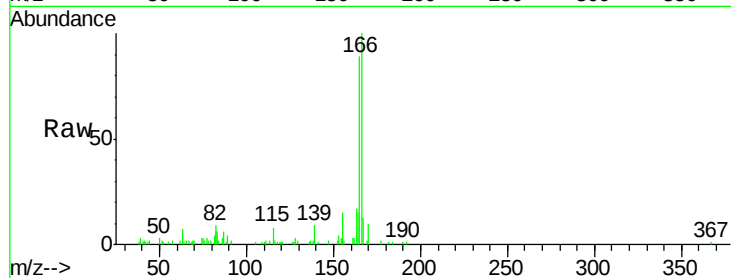
#57
Fluorene
 Concen: 3.591 ng
 RT: 15.95 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 C19013061

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	26942		
165	89.3		78.6	117.8
167	12.6		11.6	17.4

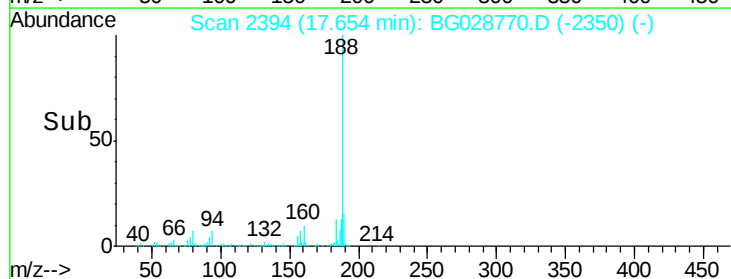
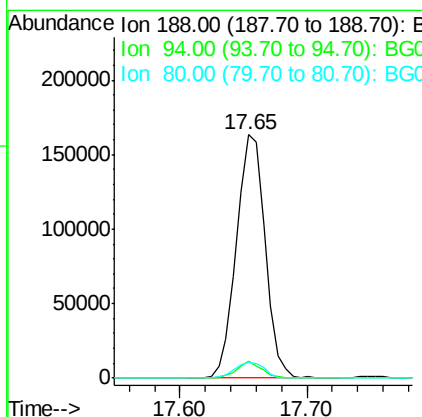
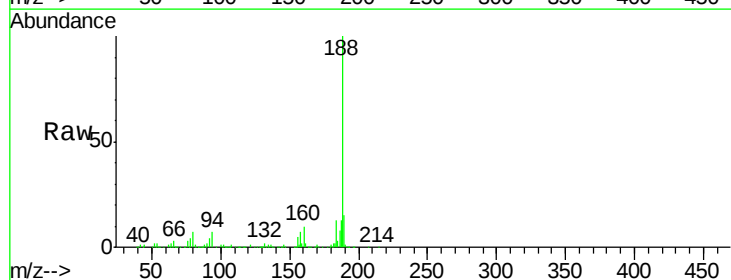
Manual Integrations
 APPROVED

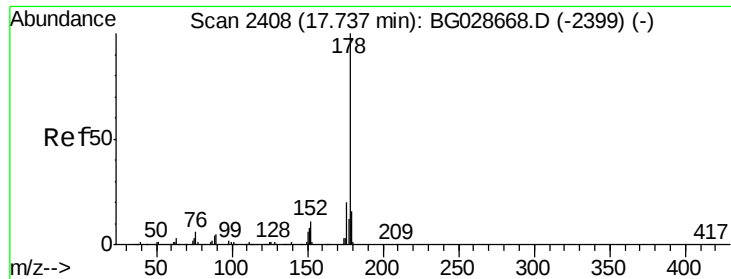
Sohil
 9/18/2017 3:31:39 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.65 min Scan# 2394
 Delta R.T. -0.04 min
 Lab File: BG028770.D
 Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256235		
94	7.1		5.8	8.8
80	6.6		7.5	11.3#





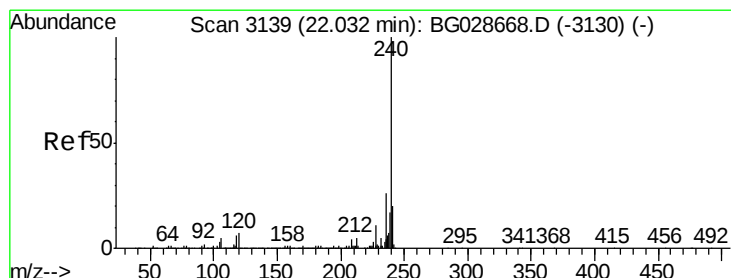
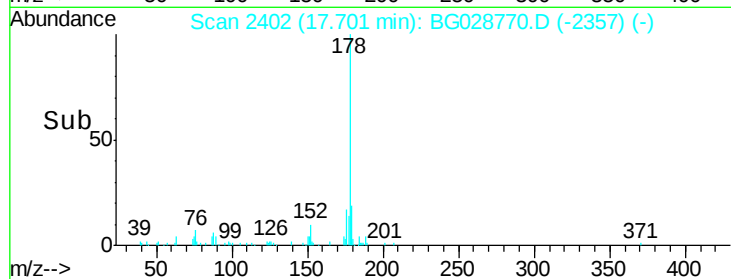
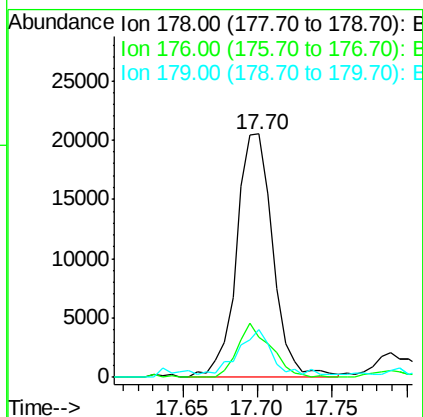
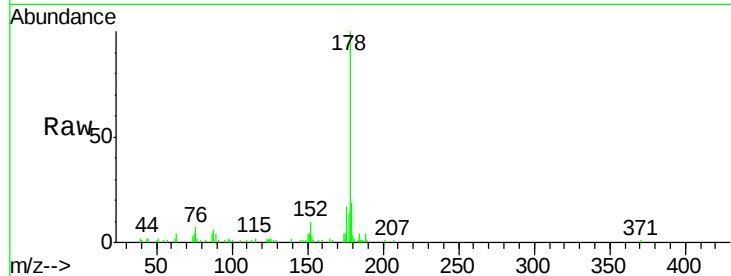
#70
Phenanthrene
Concen: 2.648 ng
RT: 17.70 min Scan# 2402
Delta R.T. -0.04 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Instrument :
BNA_G
ClientSampleId :
C19013061

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.6	17.7	26.5#
179	19.5	15.0	22.6

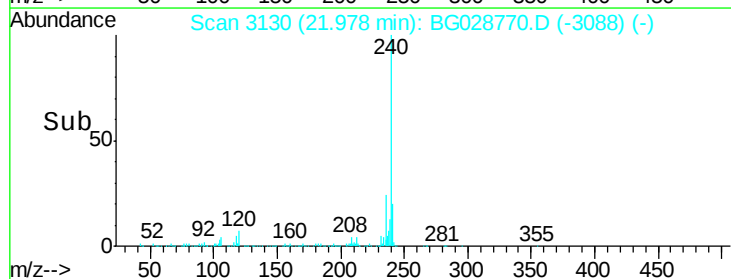
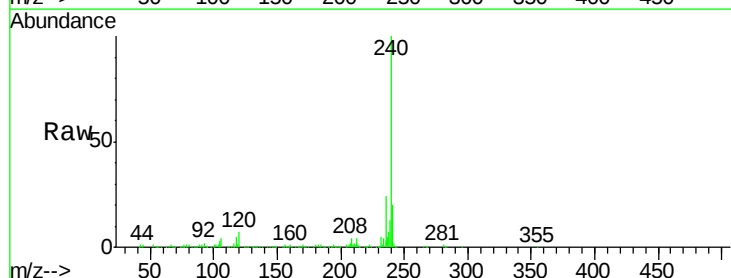
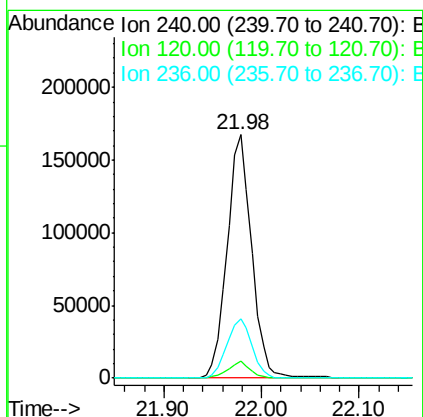
Manual Integrations
APPROVED

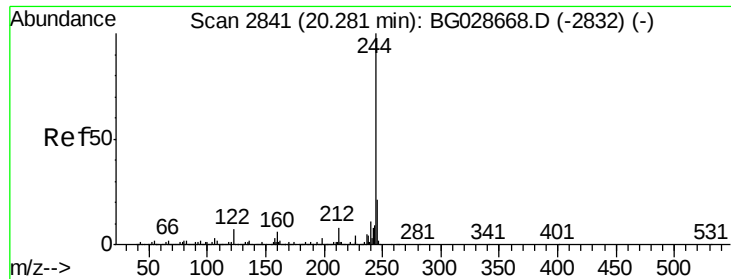
Sohil
9/18/2017 3:31:39 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3130
Delta R.T. -0.05 min
Lab File: BG028770.D
Acq: 15 Sep 2017 16:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	24.4	22.2	33.4





#78

Terphenyl-d14

Concen: 90.787 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028770.D

Acq: 15 Sep 2017 16:42

Instrument :

BNA_G

ClientSampleId :

C19013061

Tgt Ion:244 Resp: 1243905

Ion Ratio Lower Upper

244 100

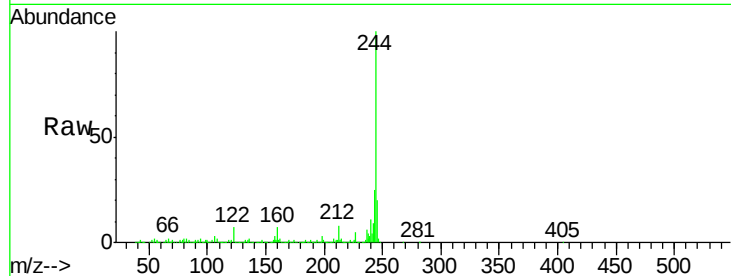
212 7.8 10.0 15.0#

122 7.1 8.6 12.8#

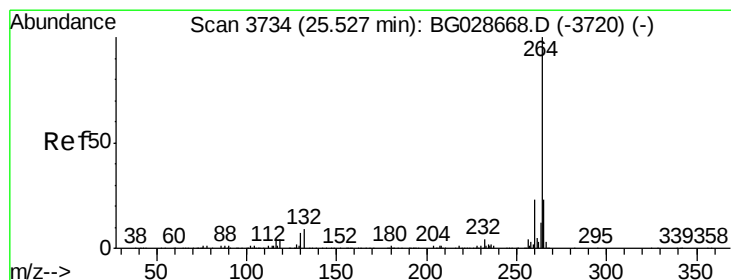
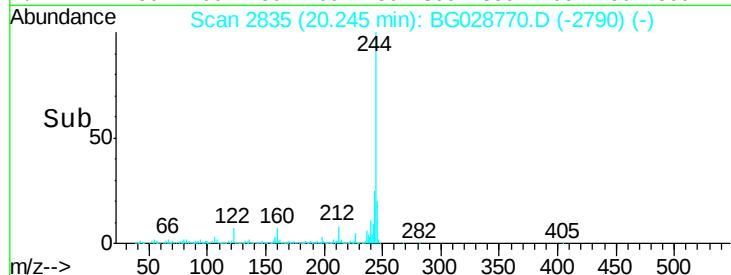
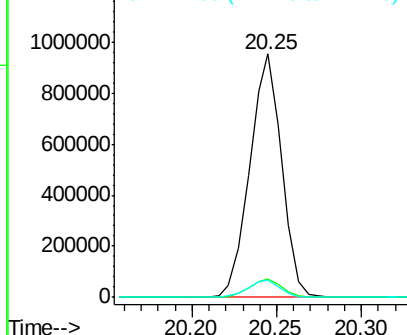
Manual Integrations
APPROVED

Sohil

9/18/2017 3:31:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.44 min Scan# 3720

Delta R.T. -0.08 min

Lab File: BG028770.D

Acq: 15 Sep 2017 16:42

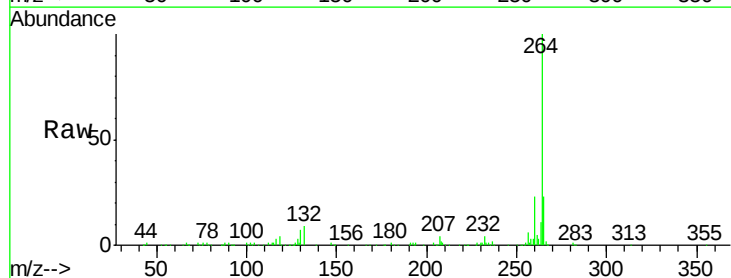
Tgt Ion:264 Resp: 298427

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 22.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

