

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028749.D
 Acq On : 15 Sep 2017 2:01
 Operator : SJ/JU
 Sample : PB102326BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:02 PM

Quant Time: Sep 15 09:12:19 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	8.33	152	35185	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	146916	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	103660	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	263610	20.00	ng	0.00
75) Chrysene-d12	22.02	240	307996	20.00	ng	0.00
86) Perylene-d12	25.52	264	306588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	202577	95.00	ng	0.00
7) Phenol-d6	7.49	99	288472	89.85	ng	0.00
23) Nitrobenzene-d5	9.50	82	262415	85.45	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	156398	91.22	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	713980	91.84	ng	0.00
78) Terphenyl-d14	20.28	244	1158728	80.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	29032	33.621	ng	95
3) Pyridine	4.23	79	85950	34.893	ng	# 88
4) n-Nitrosodimethylamine	4.14	42	42099	37.571	ng	# 69
6) Aniline	7.66	93	71495	19.134	ng	# 93
8) 2-Chlorophenol	7.90	128	100923	42.456	ng	97
9) Benzaldehyde	7.47	77	49400	24.801	ng	# 79
10) Phenol	7.51	94	142747	42.130	ng	90
11) bis(2-Chloroethyl)ether	7.74	93	90856	37.349	ng	89
12) 1,3-Dichlorobenzene	8.22	146	101168	39.524	ng	94
13) 1,4-Dichlorobenzene	8.36	146	104712	39.784	ng	98
14) 1,2-Dichlorobenzene	8.69	146	100086	38.490	ng	98
15) Benzyl Alcohol	8.57	79	104530	41.708	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.84	45	156141	35.317	ng	96
17) 2-Methylphenol	8.77	107	93841	42.384	ng	90
18) Hexachloroethane	9.41	117	37598	38.975	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	81202	35.679	ng	# 88
20) 3+4-Methylphenols	9.10	107	130878	42.261	ng	95
22) Acetophenone	9.16	105	156442	36.418	ng	# 84
24) Nitrobenzene	9.54	77	128958	37.920	ng	# 89
25) Isophorone	10.06	82	228396	36.754	ng	# 97
26) 2-Nitrophenol	10.25	139	55322	38.223	ng	93
27) 2,4-Dimethylphenol	10.30	122	109776	41.493	ng	97
28) bis(2-Chloroethoxy)methane	10.53	93	131860	39.074	ng	98
29) 2,4-Dichlorophenol	10.79	162	113962	43.293	ng	97
30) 1,2,4-Trichlorobenzene	11.01	180	114910	38.266	ng	94
31) Naphthalene	11.20	128	302221	39.387	ng	97
32) Benzoic acid	10.45	122	49934	29.293	ng	95
33) 4-Chloroaniline	11.32	127	38572	12.000	ng	92
34) Hexachlorobutadiene	11.47	225	81514	36.854	ng	98
35) Caprolactam	12.09	113	39198m	41.525	ng	
36) 4-Chloro-3-methylphenol	12.41	107	131726	38.451	ng	94
37) 2-Methylnaphthalene	12.78	142	242302	42.295	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	157500	36.953	ng	# 96
40) Hexachlorocyclopentadiene	13.12	237	154694	92.151	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028749.D
 Acq On : 15 Sep 2017 2:01
 Operator : SJ/JU
 Sample : PB102326BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

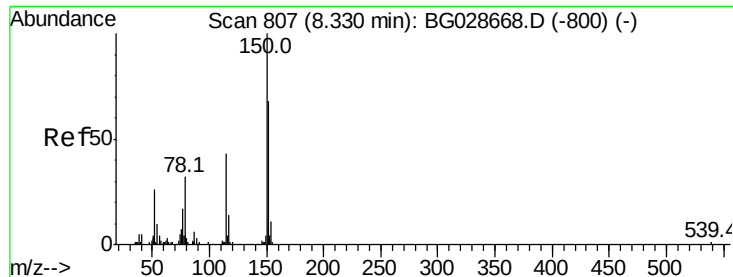
Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:02 PM

Quant Time: Sep 15 09:12:19 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)
42) 2,4,6-Trichlorophenol	13.39	196	105368	38.951	nq	96
43) 2,4,5-Trichlorophenol	13.47	196	113995	41.937	nq	# 90
45) 1,1'-Biphenyl	13.77	154	328409	38.264	nq	96
46) 2-Chloronaphthalene	13.83	162	256263	40.936	nq	96
47) 2-Nitroaniline	14.03	65	96723	41.574	nq	# 88
48) Acenaphthylene	14.67	152	402677	40.263	nq	99
49) Dimethylphthalate	14.38	163	347816	40.014	nq	97
50) 2,6-Dinitrotoluene	14.51	165	81221	41.993	nq	# 78
51) Acenaphthene	15.01	154	246386	40.555	nq	99
52) 3-Nitroaniline	14.85	138	30564	17.869	nq	91
53) 2,4-Dinitrophenol	15.07	184	54174	55.840	nq	96
54) Dibenzofuran	15.34	168	418806	43.227	nq	95
55) 4-Nitrophenol	15.16	139	98989	78.992	nq	# 78
56) 2,4-Dinitrotoluene	15.31	165	116107	42.693	nq	# 85
57) Fluorene	15.99	166	357948	41.383	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	112962	47.152	nq	# 92
59) Diethylphthalate	15.74	149	358727	40.158	nq	99
60) 4-Chlorophenyl-phenylether	15.97	204	203426	41.303	nq	90
61) 4-Nitroaniline	16.02	138	74602	41.170	nq	90
62) Azobenzene	16.26	77	330700	44.018	nq	91
64) 4,6-Dinitro-2-methylphenol	16.07	198	60725	35.700	nq	97
65) n-Nitrosodiphenylamine	16.18	169	309758	40.991	nq	99
66) 4-Bromophenyl-phenylether	16.86	248	141079	41.592	nq	95
67) Hexachlorobenzene	17.00	284	150180	38.901	nq	# 87
68) Atrazine	17.13	200	133643	41.189	nq	98
69) Pentachlorophenol	17.35	266	136385	78.190	nq	100
70) Phenanthrene	17.74	178	569671m	42.259	nq	
71) Anthracene	17.83	178	586612	43.078	nq	96
72) Carbazole	18.10	167	498990	40.686	nq	94
73) Di-n-butylphthalate	18.62	149	601221	39.980	nq	# 94
74) Fluoranthene	19.73	202	704718	42.814	nq	93
76) Benzidine	19.91	184	174746	21.879	nq	98
77) Pyrene	20.10	202	730840	41.139	nq	96
79) Butylbenzylphthalate	20.96	149	279819	39.000	nq	90
80) Benzo(a)anthracene	22.01	228	762424	41.125	nq	93
81) 3,3'-Dichlorobenzidine	21.91	252	151666	20.178	nq	# 98
82) Chrysene	22.08	228	714650	40.627	nq	94
83) Bis(2-ethylhexyl)phthalate	21.85	149	387892	38.028	nq	99
84) Di-n-octyl phthalate	23.15	149	665722	37.355	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.56	276	894112	39.560	nq	# 96
87) Benzo(b)fluoranthene	24.40	252	766062m	41.705	nq	
88) Benzo(k)fluoranthene	24.48	252	766898	41.798	nq	94
89) Benzo(a)pyrene	25.35	252	742468	42.585	nq	96
90) Dibenzo(a,h)anthracene	29.60	278	746615	41.074	nq	# 97
91) Benzo(g,h,i)perylene	30.81	276	740630	41.758	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

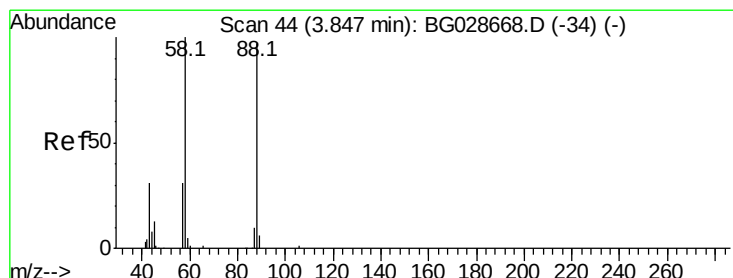
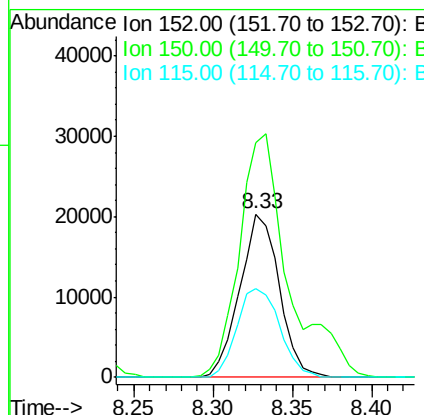
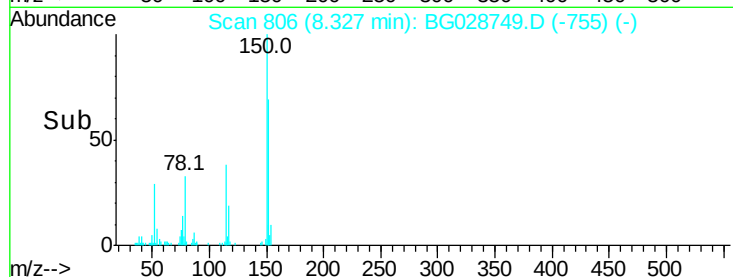
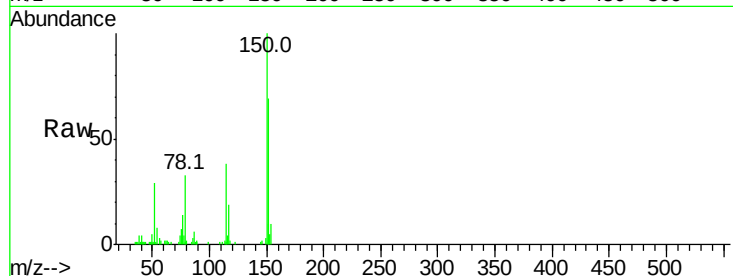
PB102326BSD

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM

Tot Ion:	152	Resp:	35185
Ion Ratio	Lower	Upper	
152	100		
150	144.0	114.0	171.0
115	54.4	48.1	72.1



#2

1,4-Dioxane

Concen: 33.621 ng

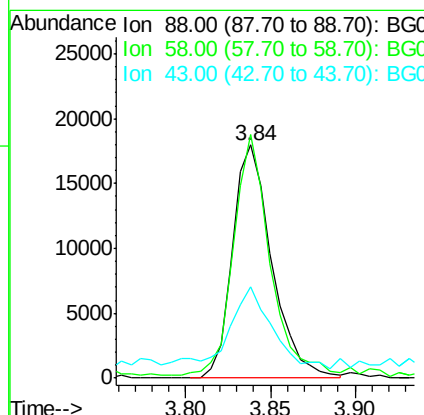
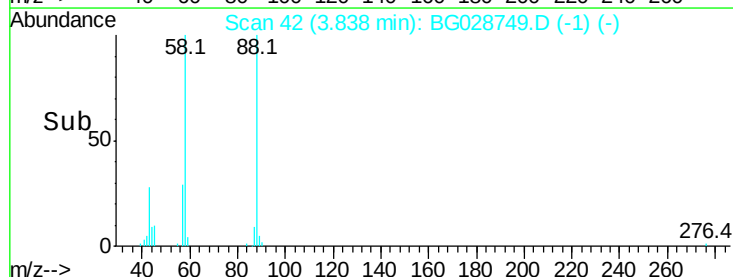
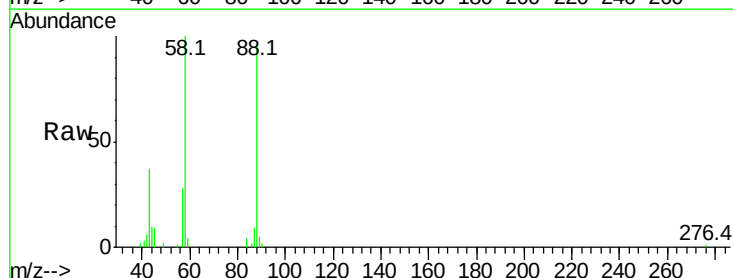
RT: 3.84 min Scan# 42

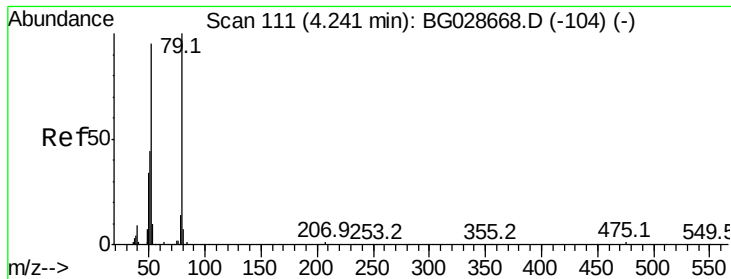
Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	88	Resp:	29032
Ion Ratio	Lower	Upper	
88	100		
58	95.0	79.4	119.2
43	38.5	33.8	50.6





#3

Pvridine

Concen: 34.893 ng

RT: 4.23 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

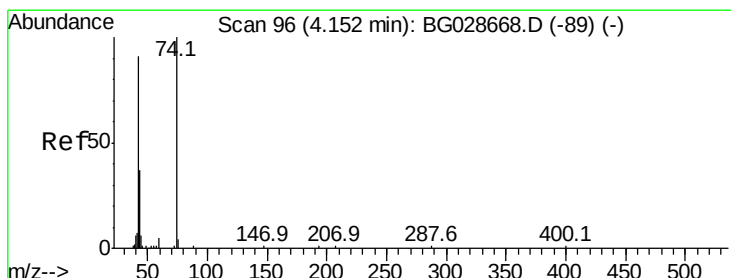
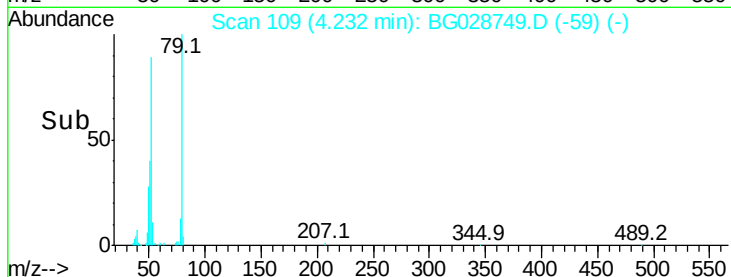
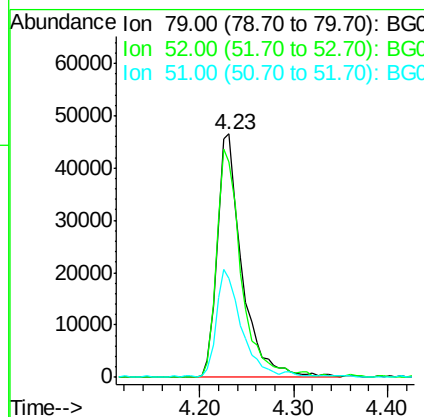
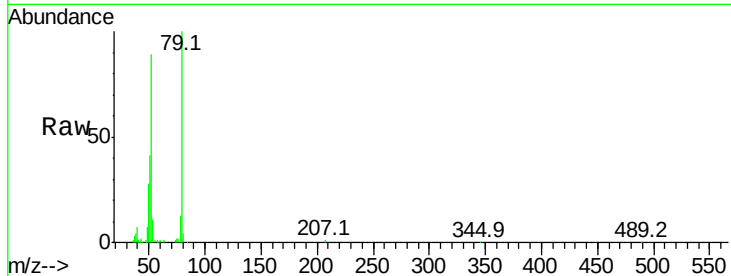
ClientSampleId :

PB102326BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.7	77.8	116.6
51	40.5	43.2	64.8

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#4

n-Nitrosodimethylamine

Concen: 37.571 ng

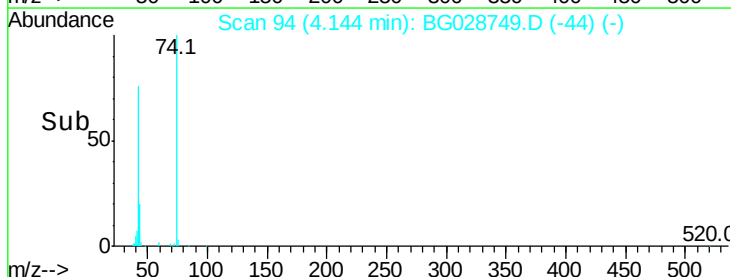
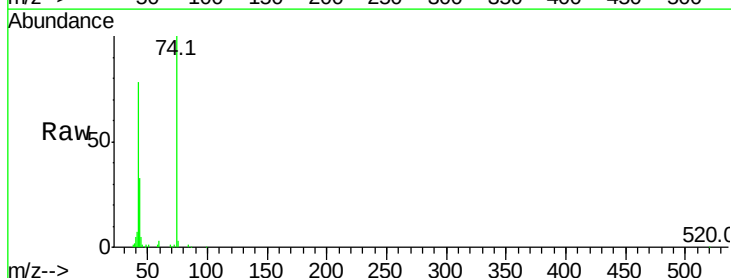
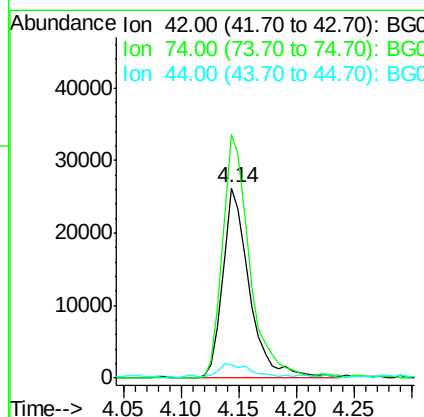
RT: 4.14 min Scan# 94

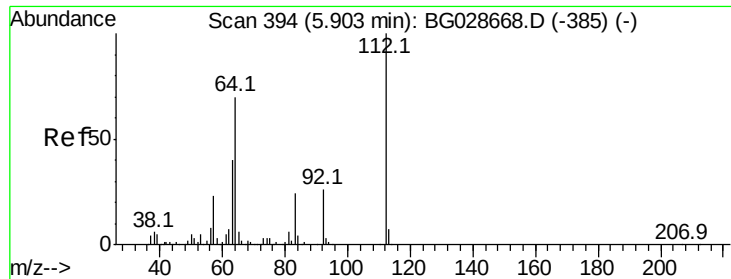
Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.2	76.7	115.1
44	7.0	6.1	9.1





#5

2-Fluorophenol

Concen: 95.001 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

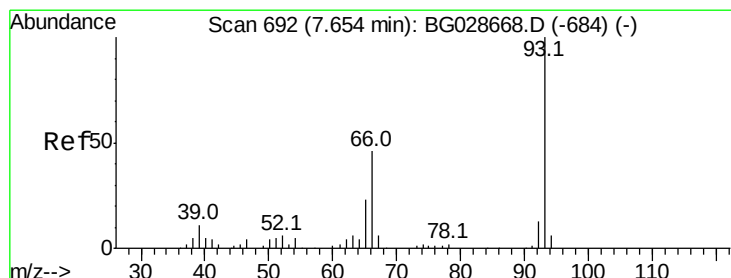
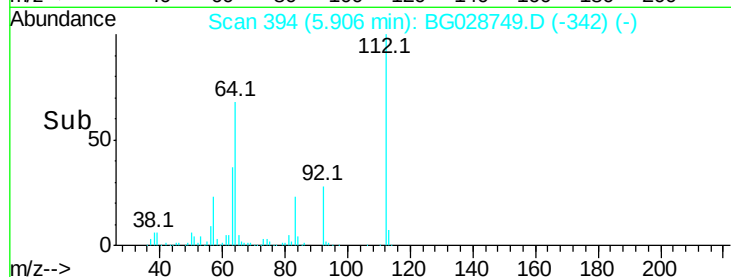
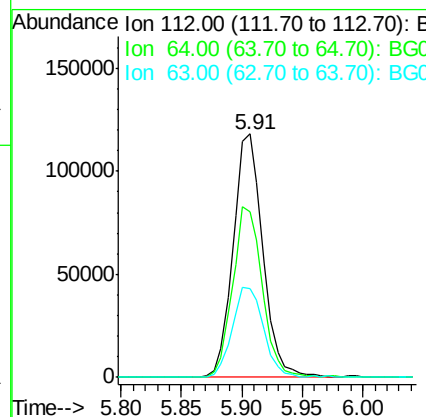
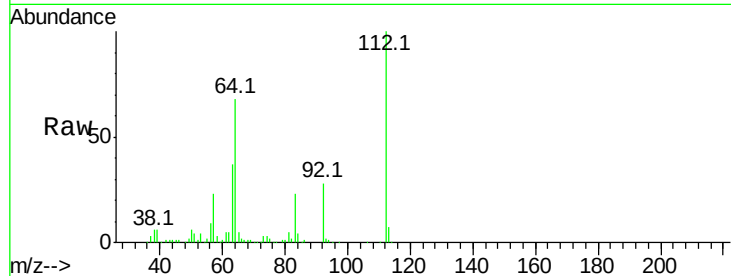
ClientSampleId :

PB102326BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.1	61.8	92.6
63	36.6	37.2	55.8#

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#6

Aniline

Concen: 19.134 ng

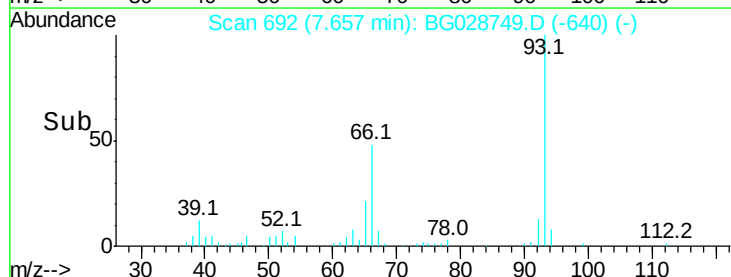
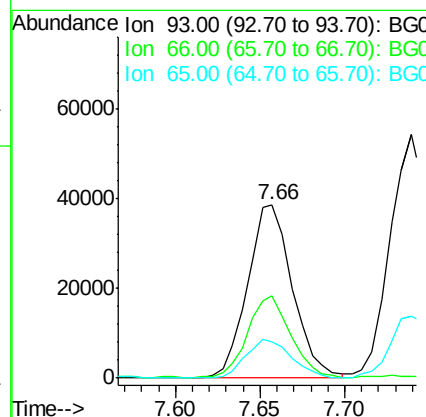
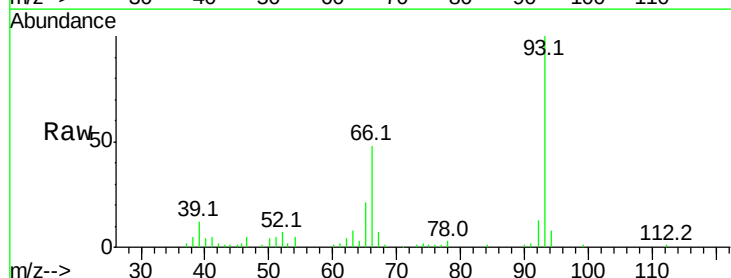
RT: 7.66 min Scan# 692

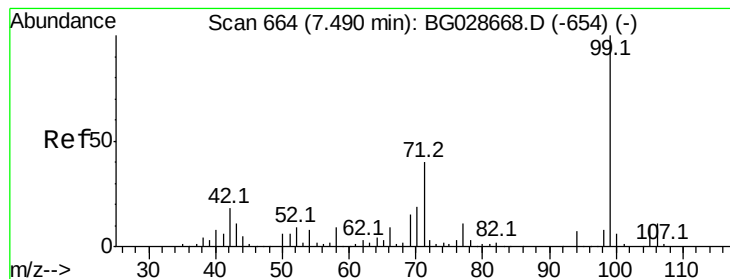
Delta R.T. 0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.7	35.4	53.2
65	21.0	21.2	31.8#





#7

Phenol-d6

Concen: 89.852 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

PB102326BSD

Tot Ion: 99 Resp: 288472

Ion Ratio Lower Upper

99 100

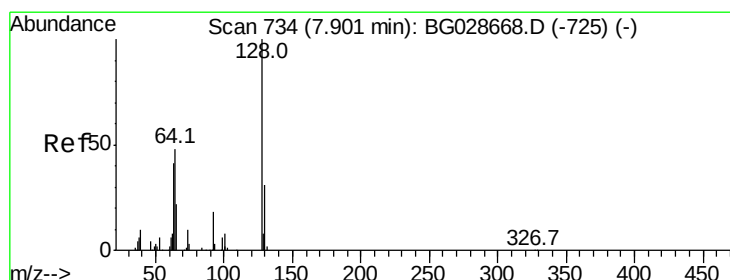
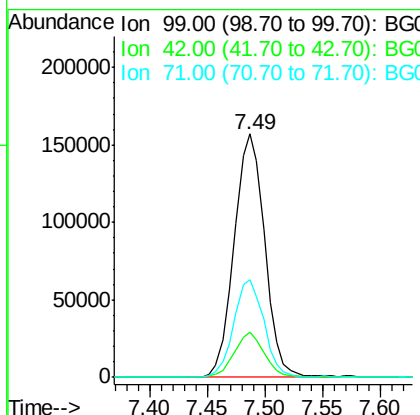
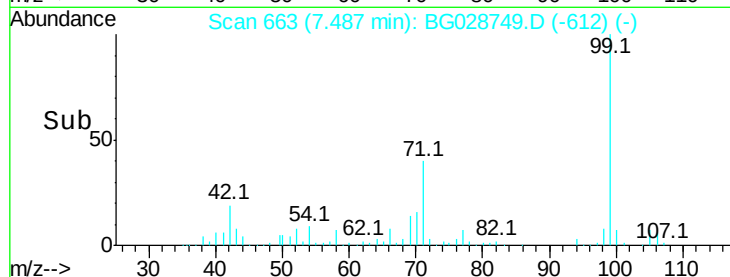
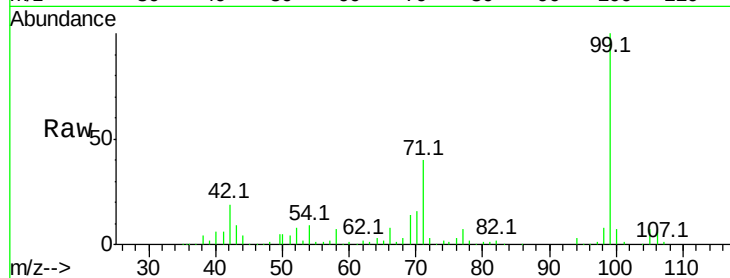
42 18.6 20.5 30.7#

71 40.2 37.6 56.4

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#8

2-Chlorophenol

Concen: 42.456 ng

RT: 7.90 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

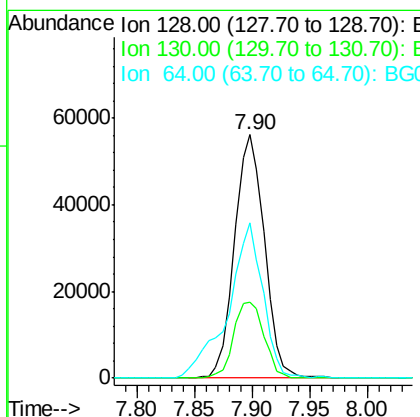
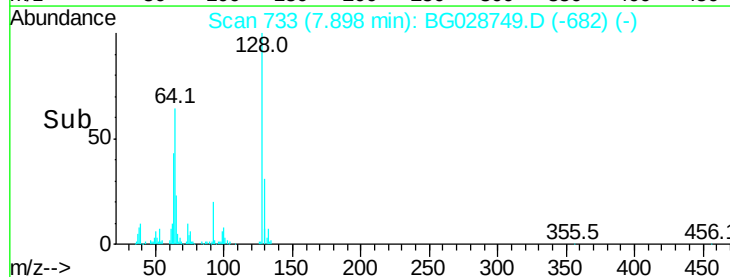
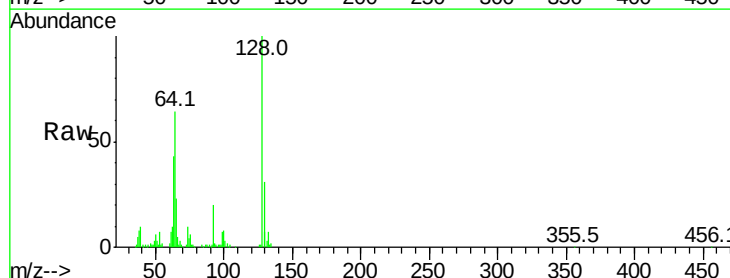
Tgt Ion: 128 Resp: 100923

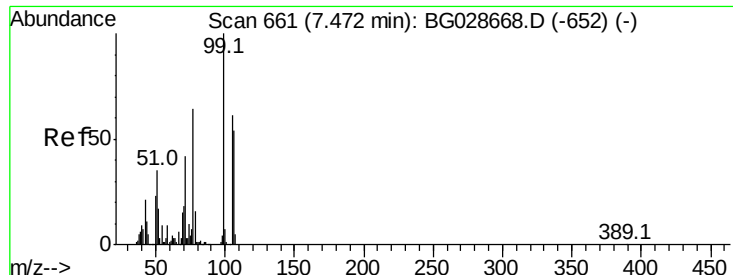
Ion Ratio Lower Upper

128 100

130 31.0 11.4 51.4

64 63.8 46.6 86.6





#9

Benzaldehyde

Concen: 24.801 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

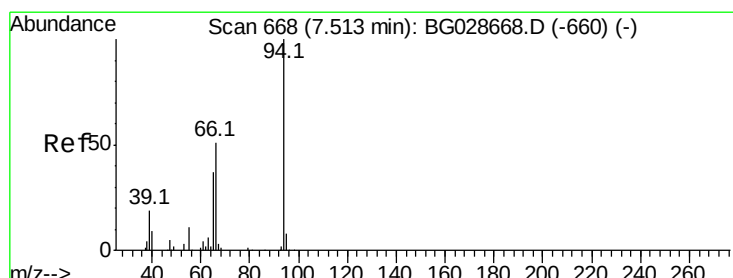
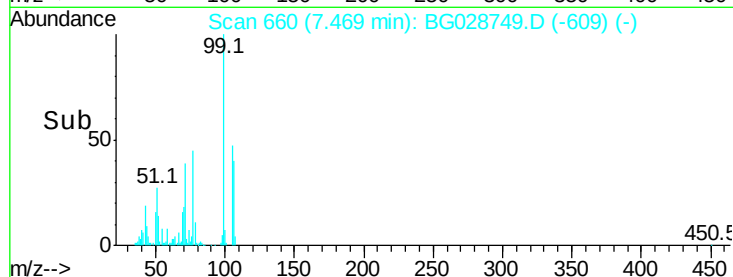
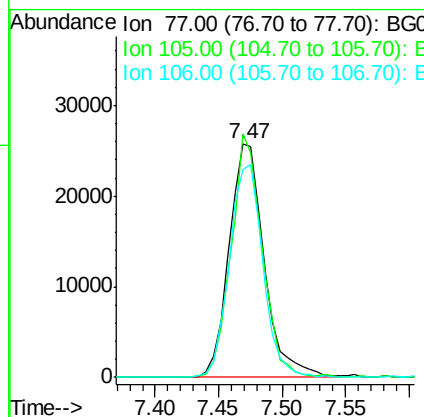
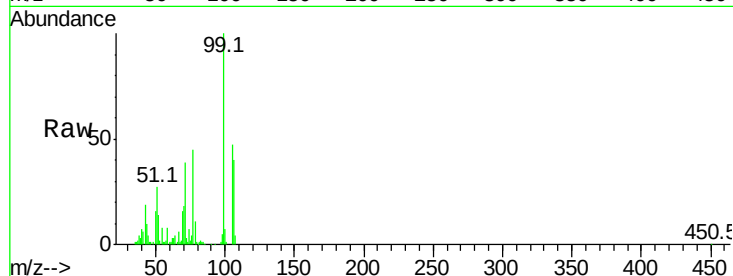
PB102326BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.3	60.9	100.9#
106	88.9	55.1	95.1

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#10

Phenol

Concen: 42.130 ng

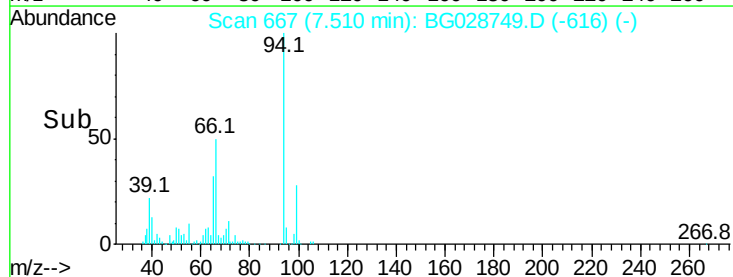
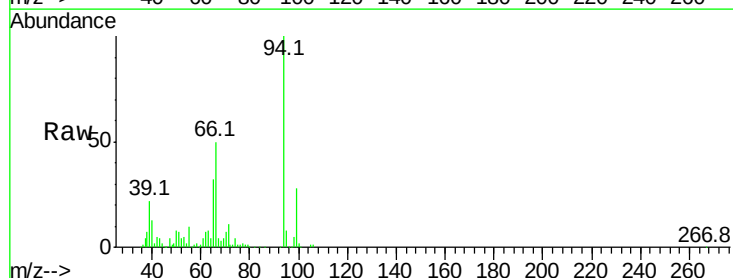
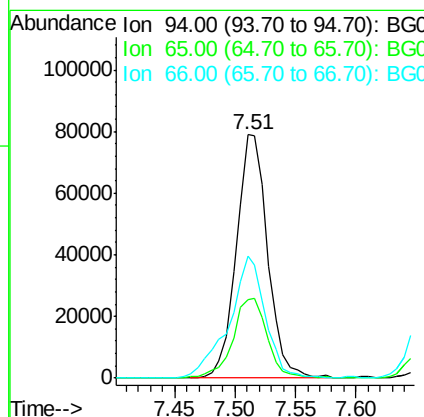
RT: 7.51 min Scan# 667

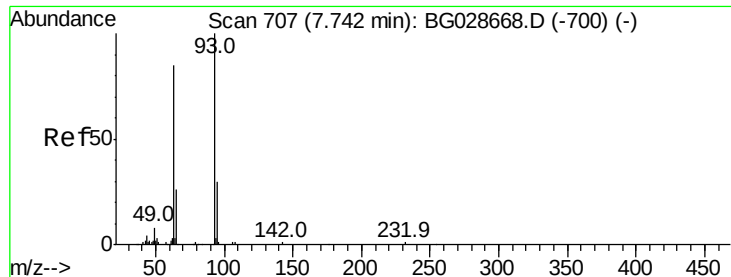
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.5	20.6	60.6
66	50.2	35.5	75.5





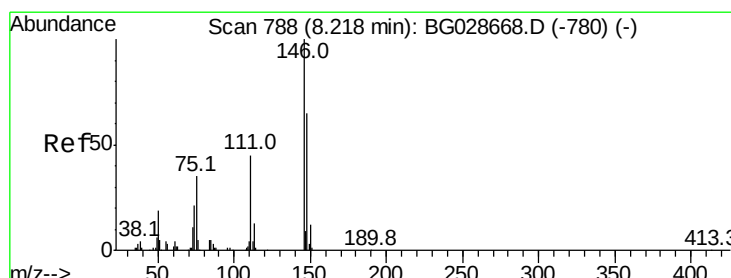
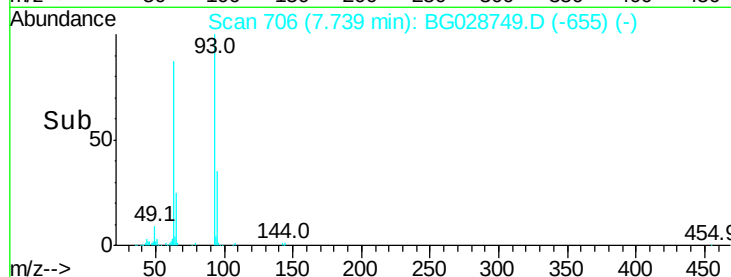
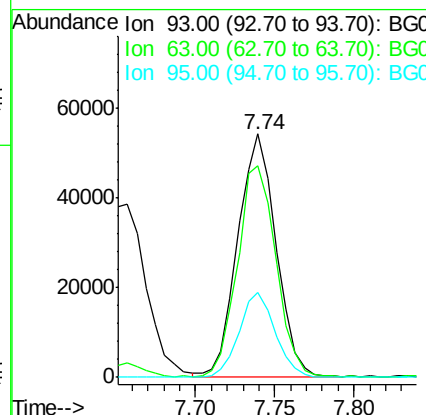
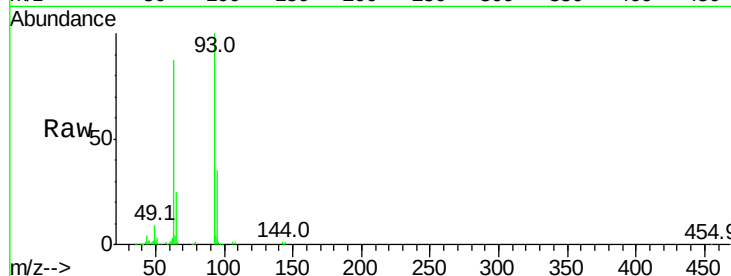
#11
bis(2-Chloroethyl)ether
Concen: 37.349 ng
RT: 7.74 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	78.5	118.5
95	34.7	9.8	49.8

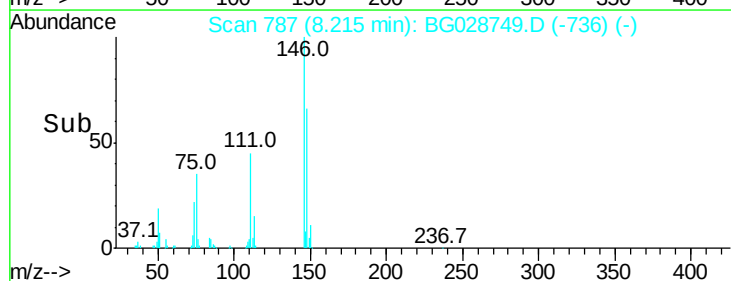
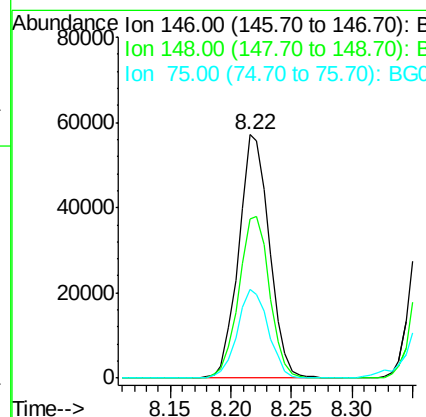
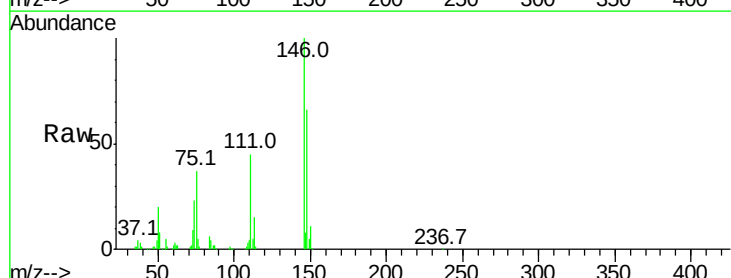
Manual Integrations
APPROVED

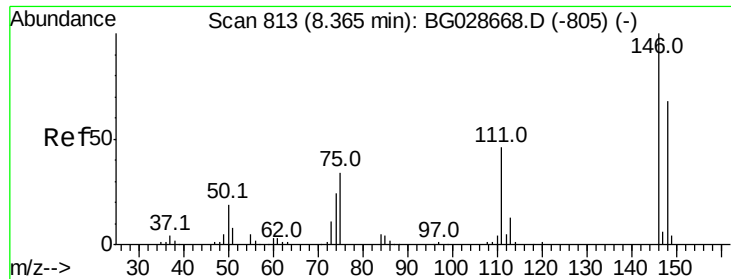
Sohil
9/15/2017 5:46:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.524 ng
RT: 8.22 min Scan# 787
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.2	73.8
75	36.6	33.4	50.2





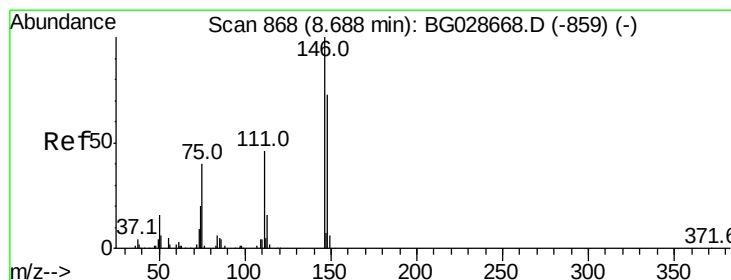
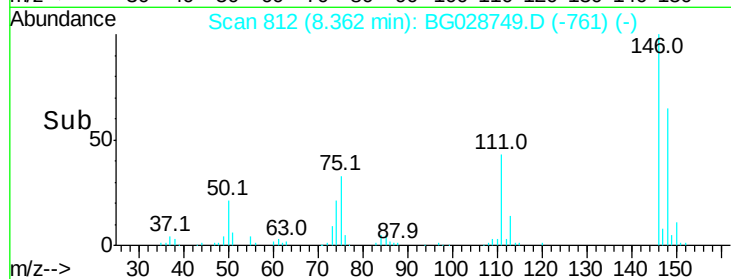
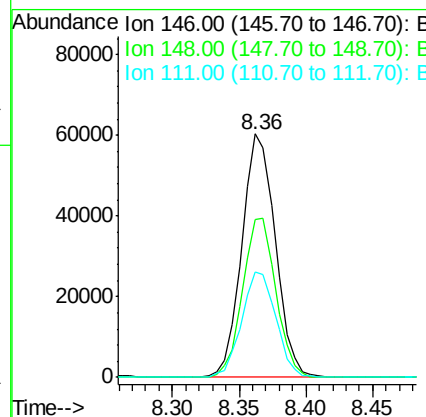
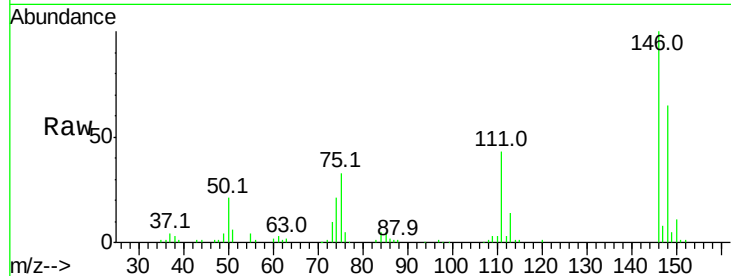
#13
 1,4-Dichlorobenzene
 Concen: 39.784 ng
 RT: 8.36 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	43.5	37.0	55.6

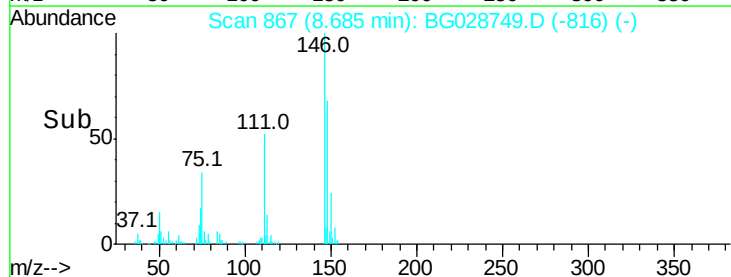
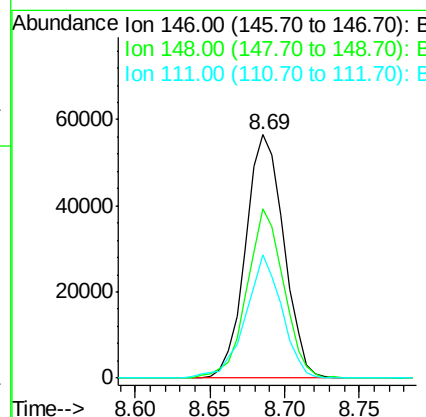
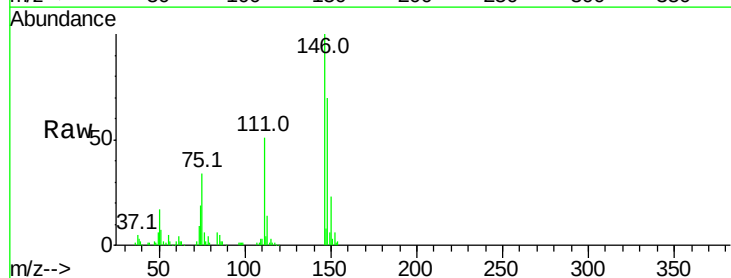
Manual Integrations
 APPROVED

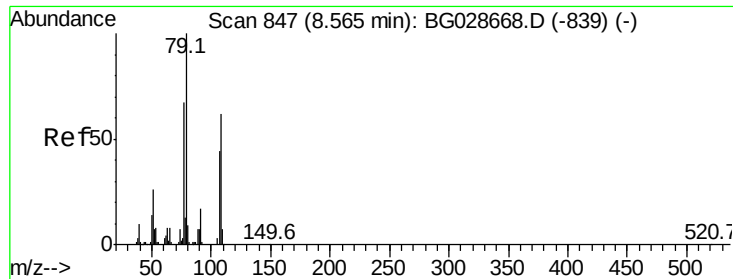
Sohil
 9/15/2017 5:46:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.490 ng
 RT: 8.69 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.8	54.6	81.8
111	50.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.708 ng

RT: 8.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

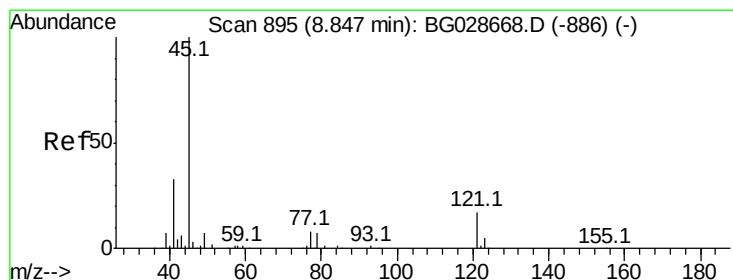
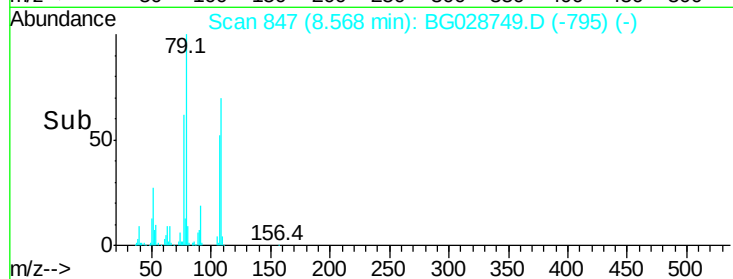
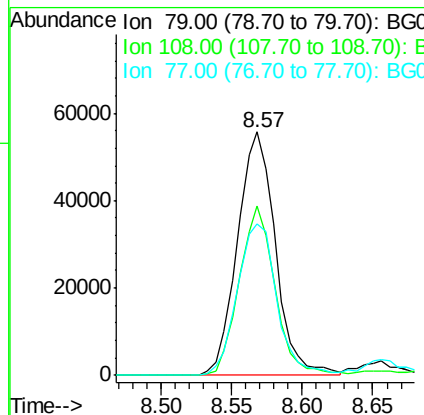
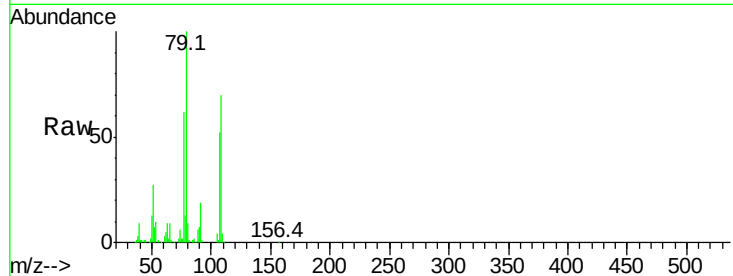
PB102326BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.6	45.5	68.3#
77	62.1	54.3	81.5

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.317 ng

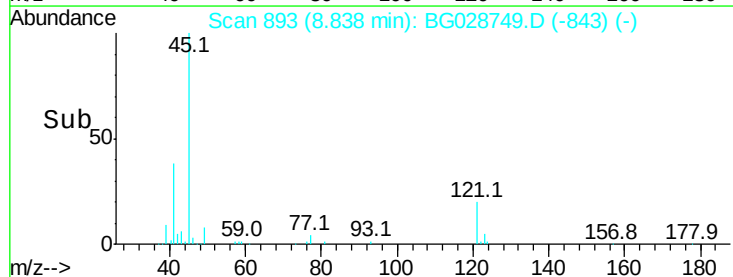
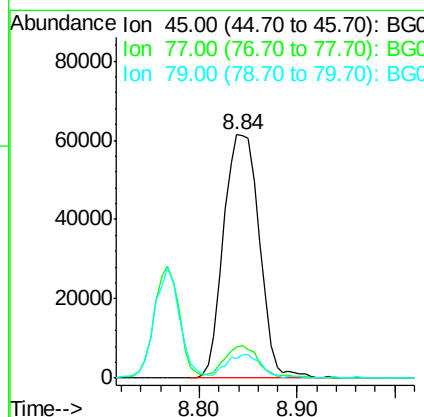
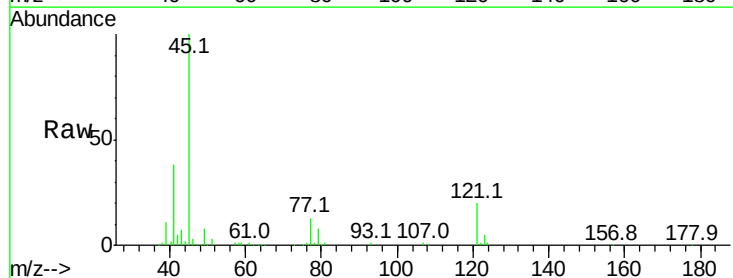
RT: 8.84 min Scan# 893

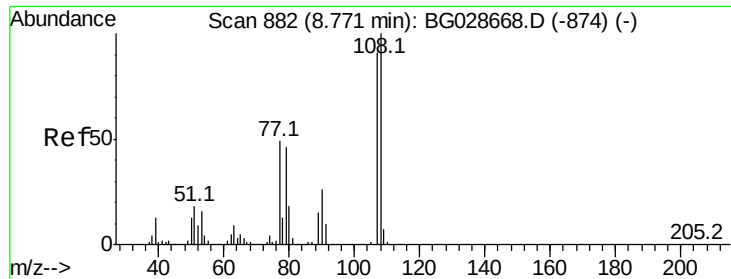
Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.6
79	8.3	0.0	28.5





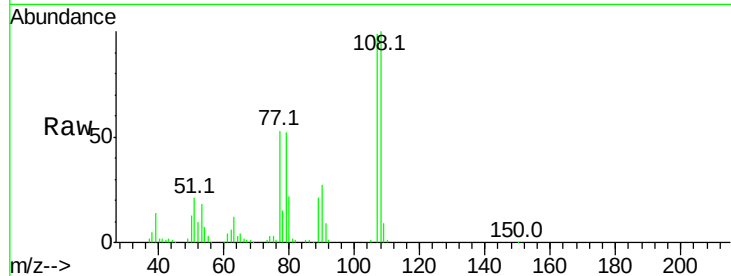
#17
2-Methylphenol
Concen: 42.384 ng
RT: 8.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.2	85.6	128.4	
77	53.4	51.4	77.2	
79	52.3	49.2	73.8	

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



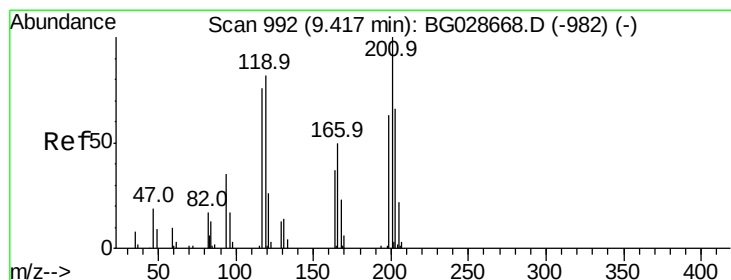
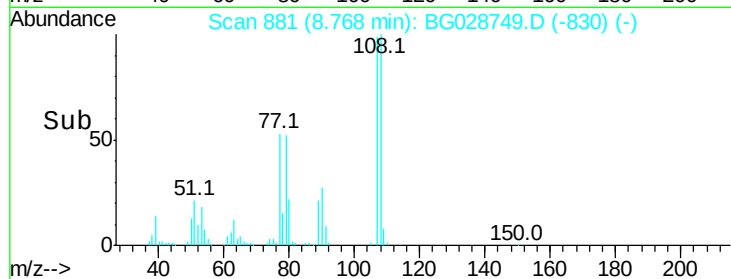
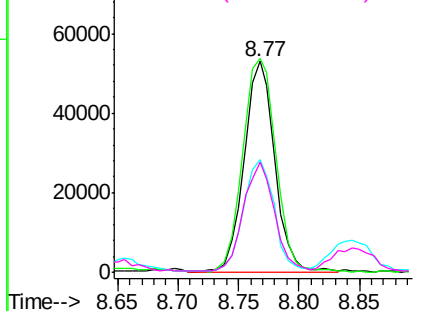
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.975 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

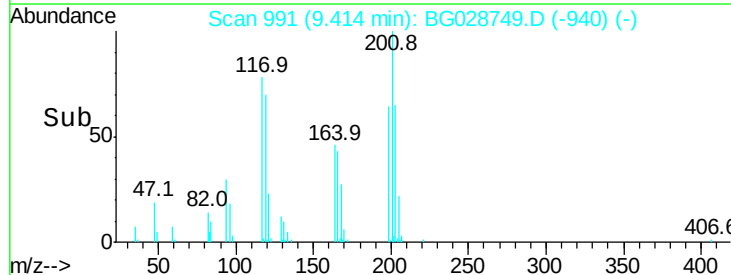
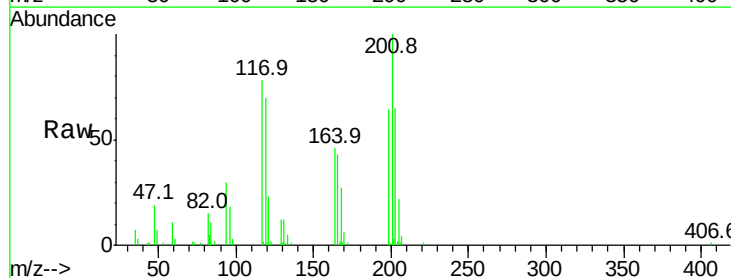
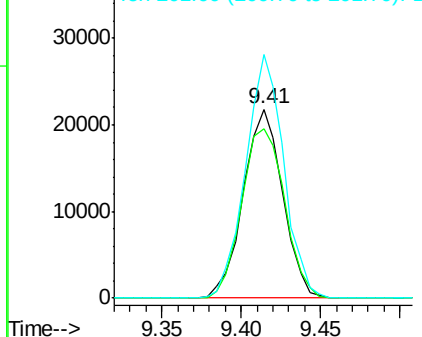
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.5	69.8	104.6	
201	128.7	95.4	143.0	

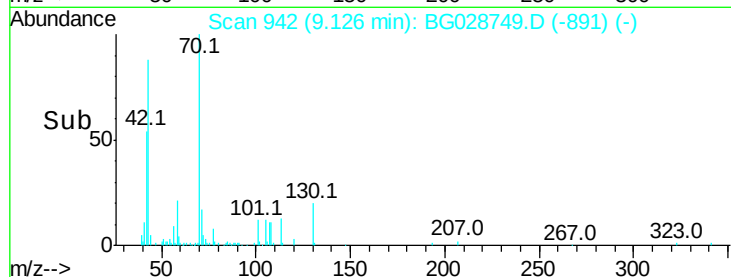
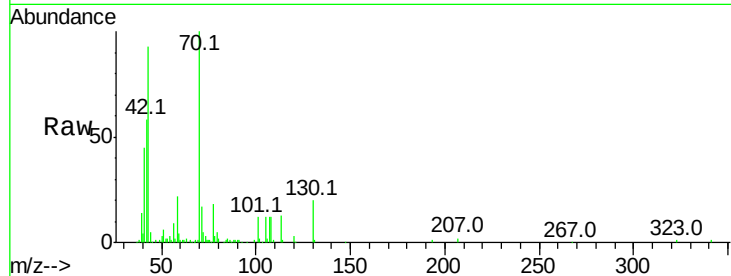
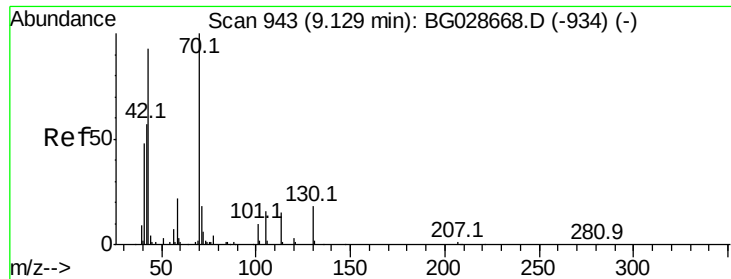
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





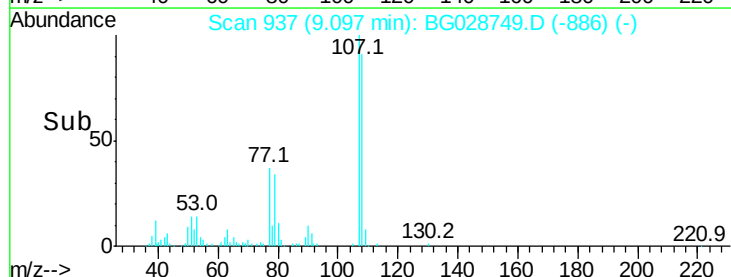
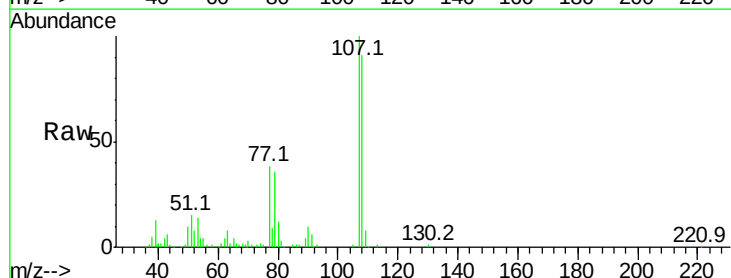
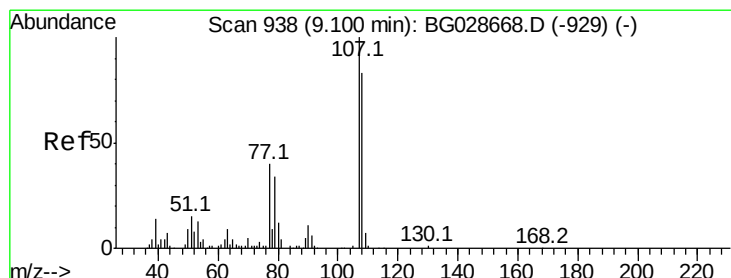
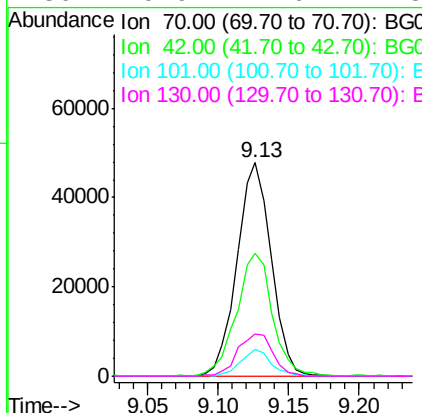
#19
n-Nitroso-di-n-propylamine
Concen: 35.679 ng
RT: 9.13 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	56.1	84.1
101	12.5	7.5	11.3
130	19.9	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

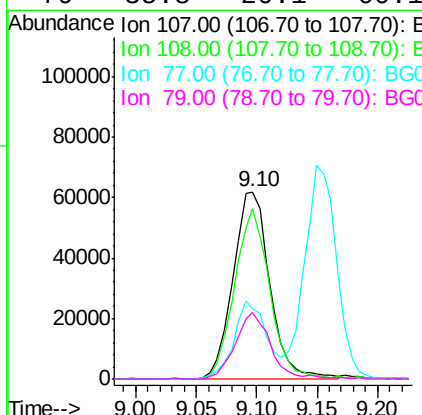
Manual Integrations
APPROVED

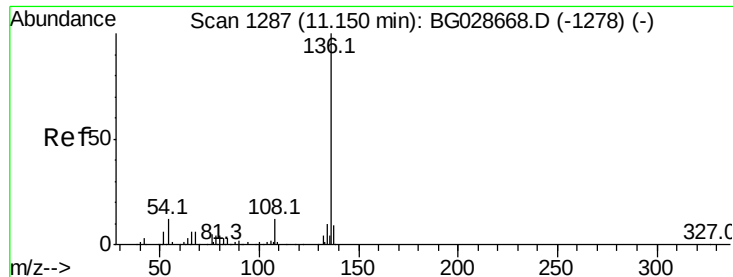
Sohil
9/15/2017 5:46:02 PM



#20
3+4-Methylphenols
Concen: 42.261 ng
RT: 9.10 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.8	110.8
77	37.6	25.8	65.8
79	35.8	20.1	60.1





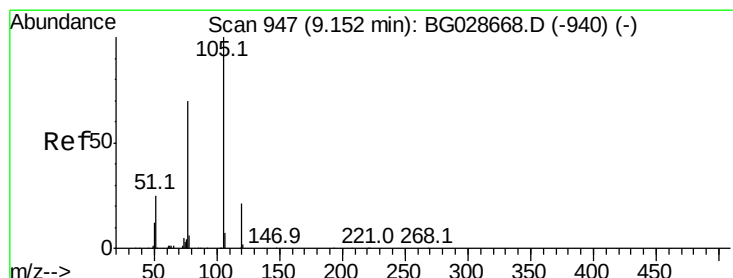
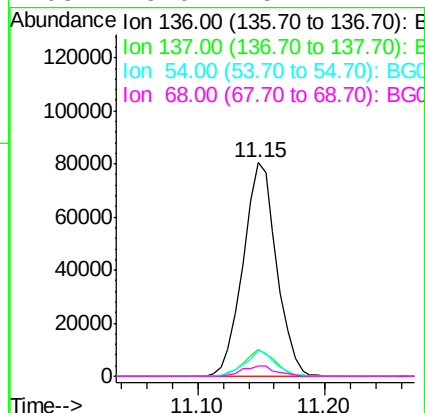
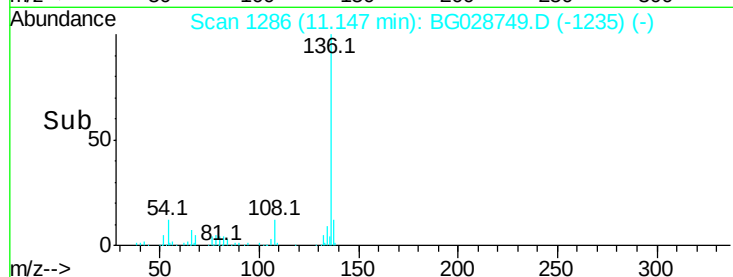
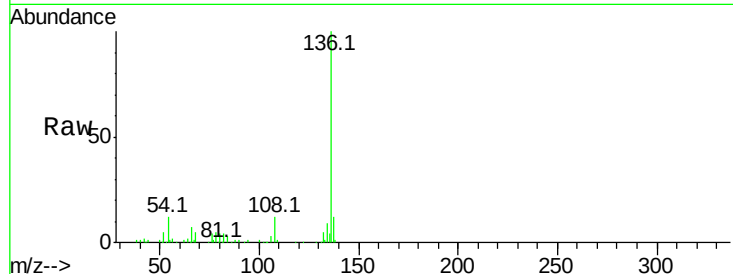
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.4	8.9	13.3	
54	12.0	9.3	13.9	
68	5.0	5.1	7.7#	

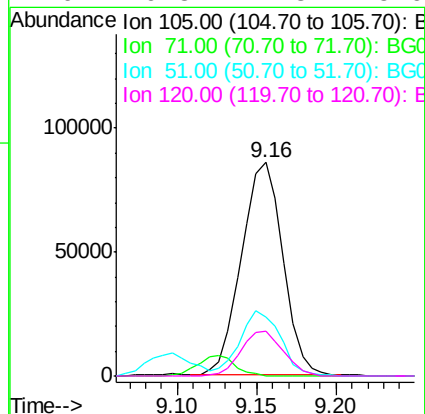
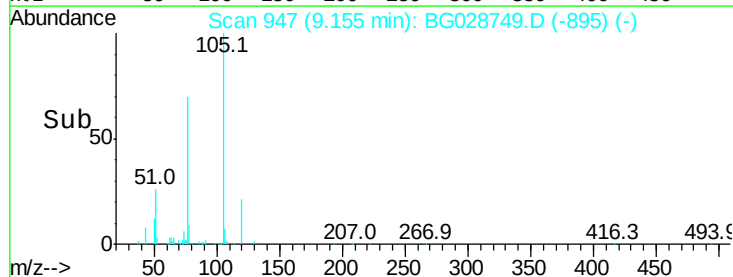
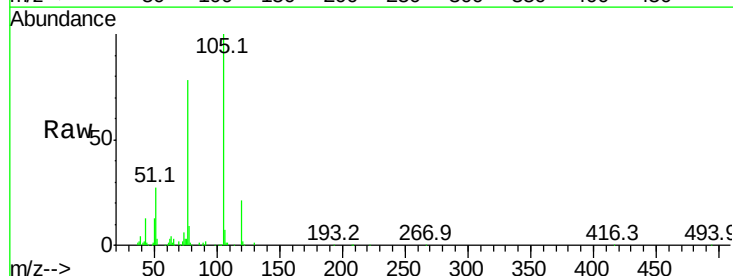
Manual Integrations
APPROVED

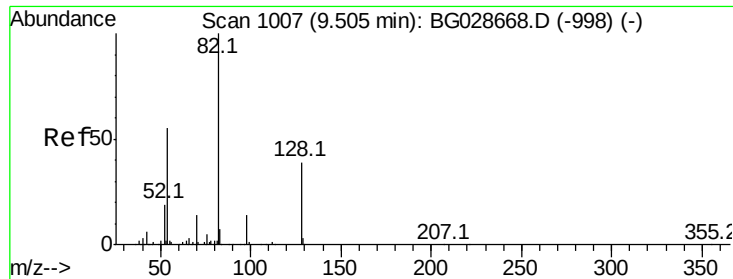
Sohil
9/15/2017 5:46:02 PM



#22
Acetophenone
Concen: 36.418 ng
RT: 9.16 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	0.9	1.3#	
51	27.4	34.0	51.0#	
120	20.8	17.3	25.9	





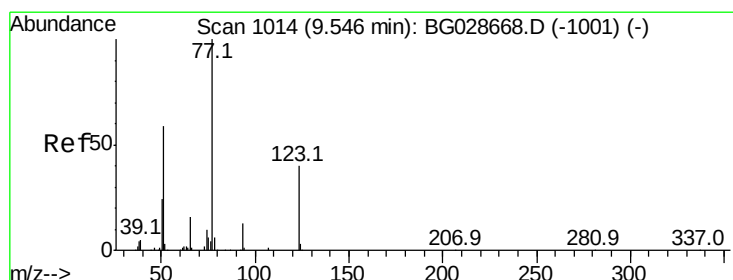
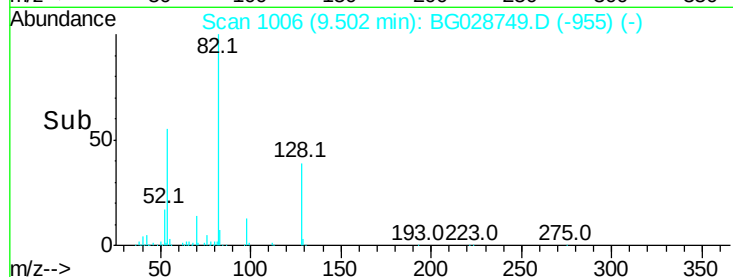
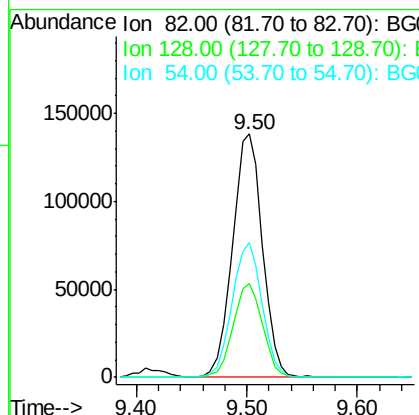
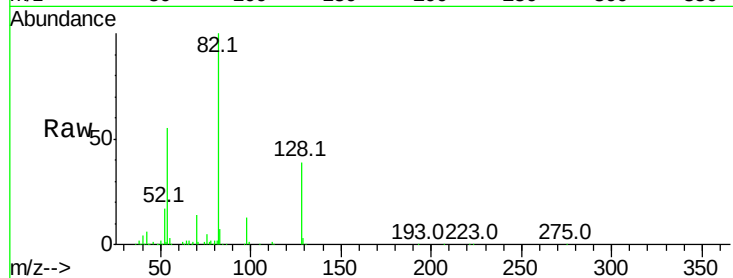
#23
Nitrobenzene-d5
Concen: 85.445 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	262415		
128	38.5	26.4	39.6	
54	55.2	49.4	74.2	

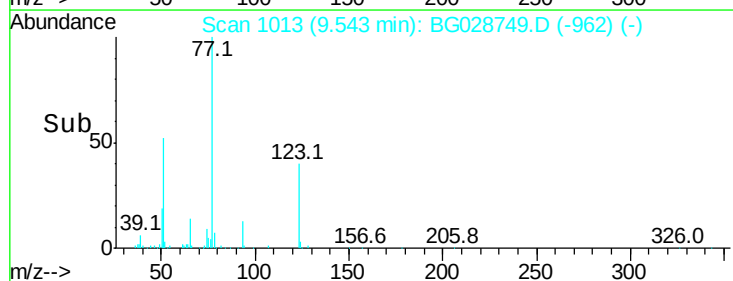
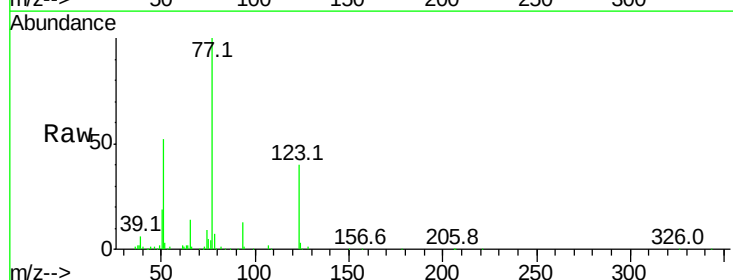
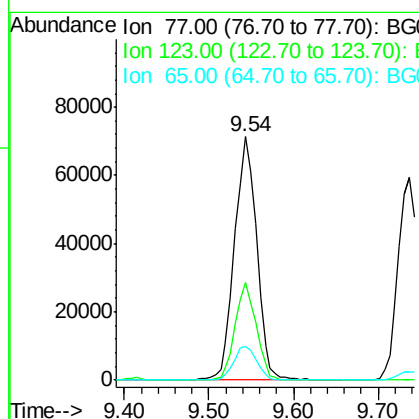
Manual Integrations
APPROVED

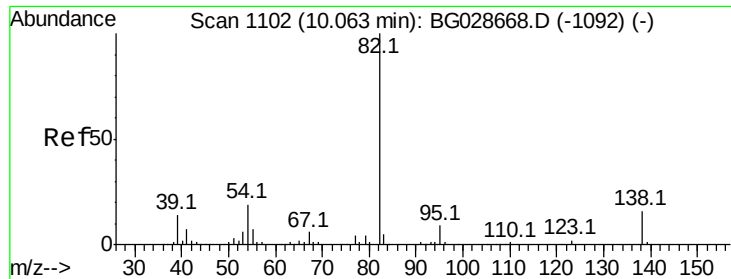
Sohil
9/15/2017 5:46:02 PM



#24
Nitrobenzene
Concen: 37.920 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	128958		
123	40.2	26.1	39.1#	
65	13.7	12.4	18.6	





#25

Isophorone

Concen: 36.754 ng

RT: 10.06 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

PB102326BSD

Tot Ion: 82 Resp: 228396

Ion Ratio Lower Upper

82 100

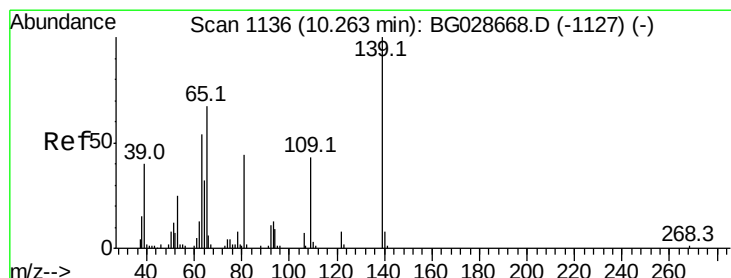
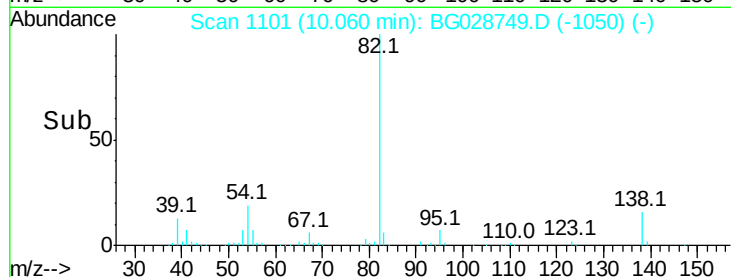
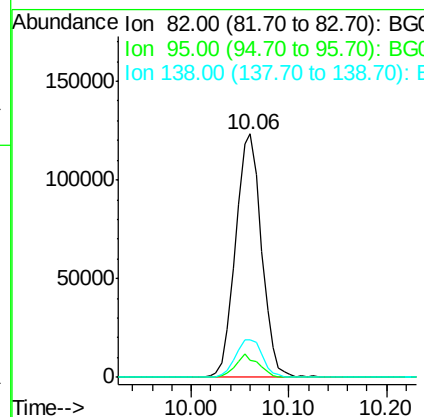
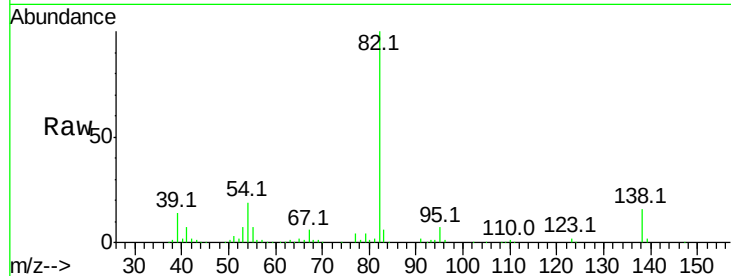
95 7.2 7.5 11.3#

138 15.7 12.3 18.5

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#26

2-Nitrophenol

Concen: 38.223 ng

RT: 10.25 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

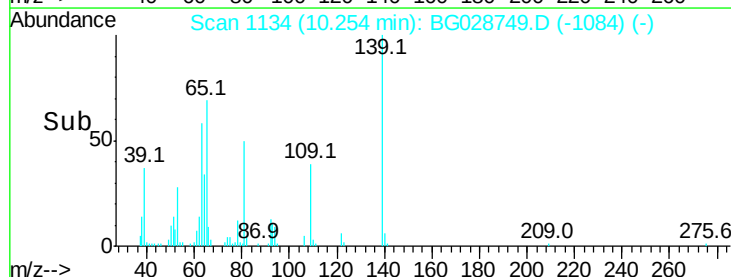
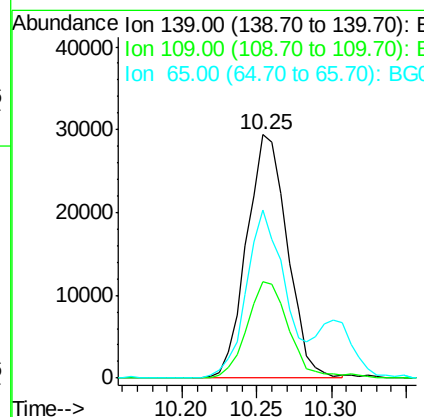
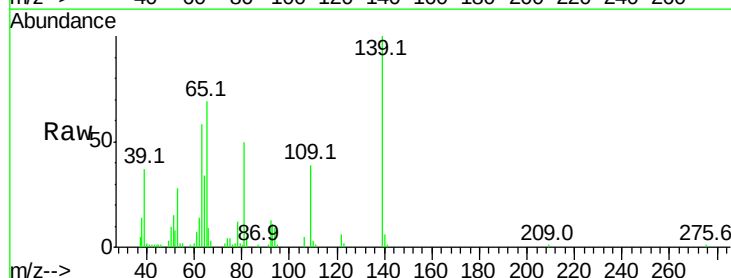
Tgt Ion: 139 Resp: 55322

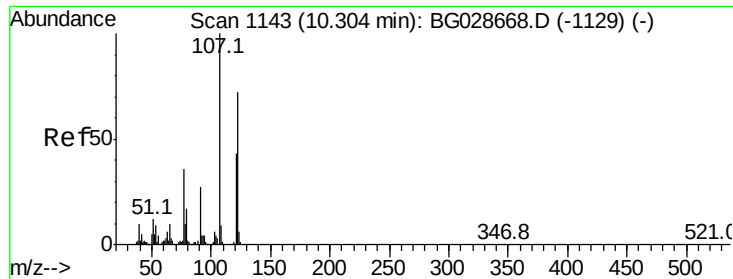
Ion Ratio Lower Upper

139 100

109 39.4 38.6 58.0

65 69.0 57.1 85.7





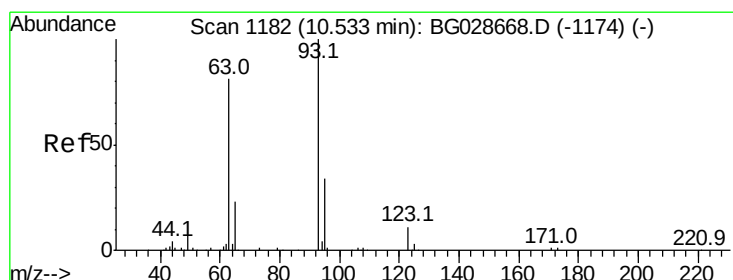
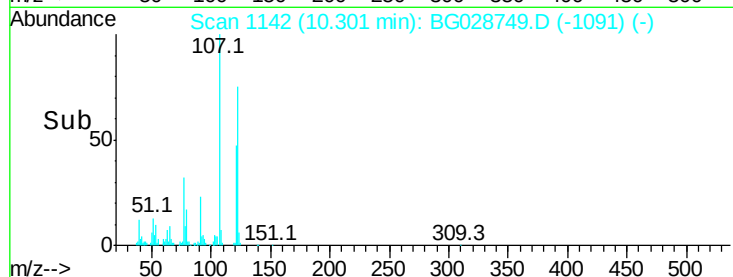
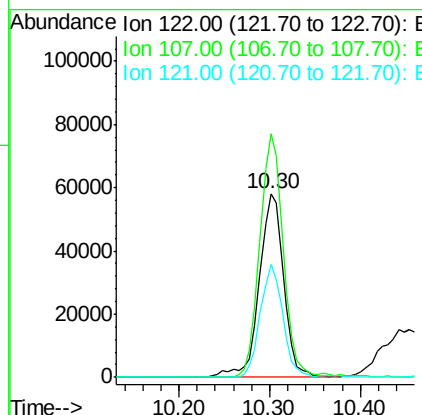
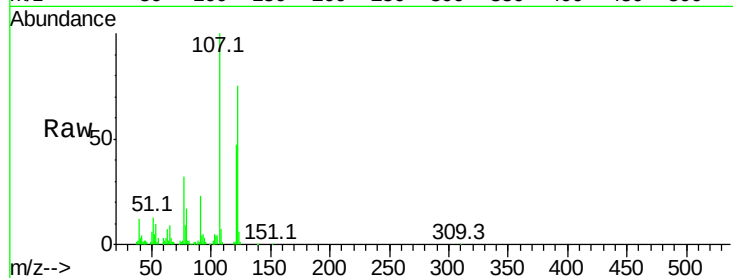
#27
2,4-Dimethylphenol
Concen: 41.493 ng
RT: 10.30 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampled :
PB102326BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.6	104.2	156.4
121	61.8	46.0	69.0

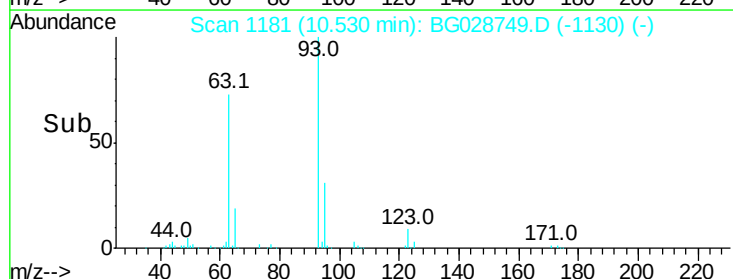
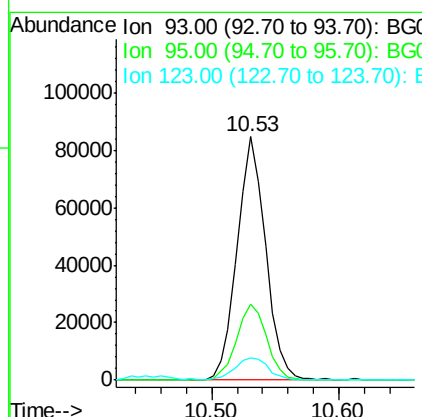
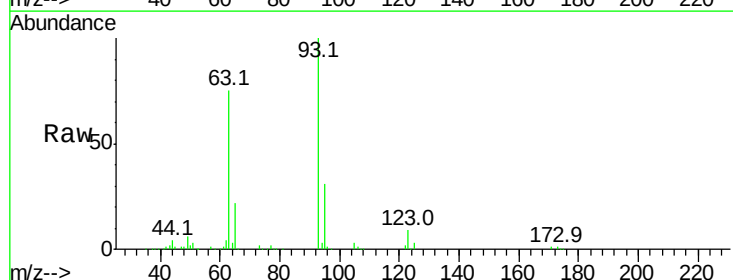
Manual Integrations
APPROVED

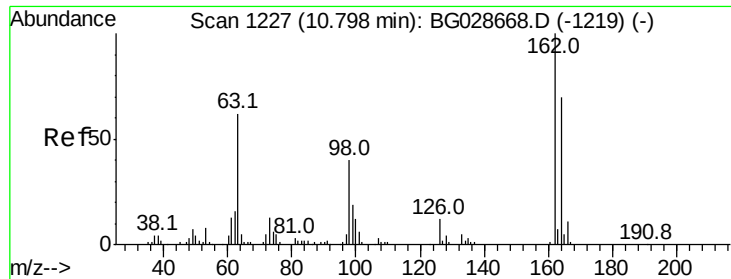
Sohil
9/15/2017 5:46:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.074 ng
RT: 10.53 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.7	38.5
123	9.4	8.3	12.5





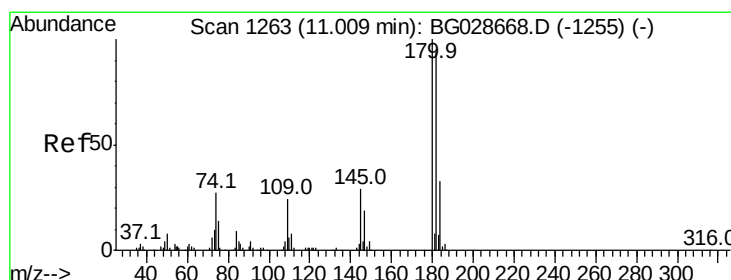
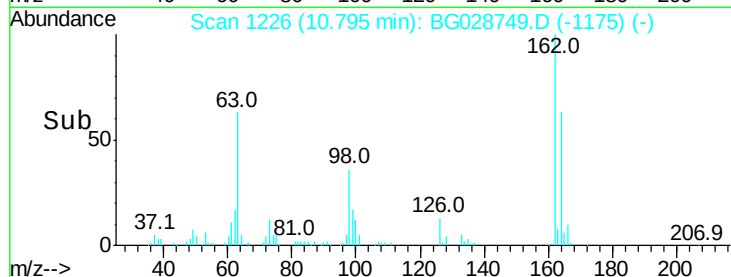
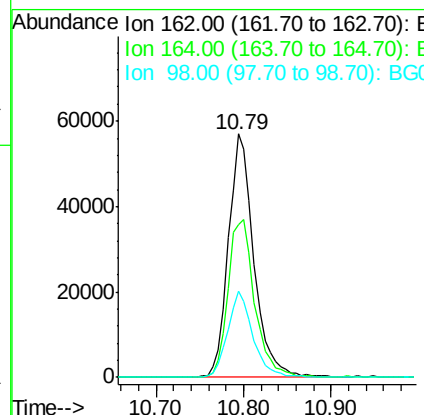
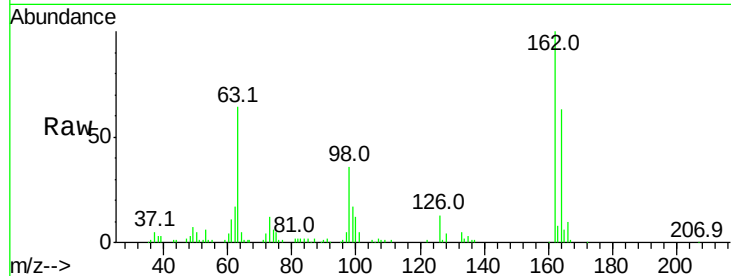
#29
2,4-Dichlorophenol
Concen: 43.293 ng
RT: 10.79 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.8	42.4	82.4	
98	35.5	20.3	60.3	

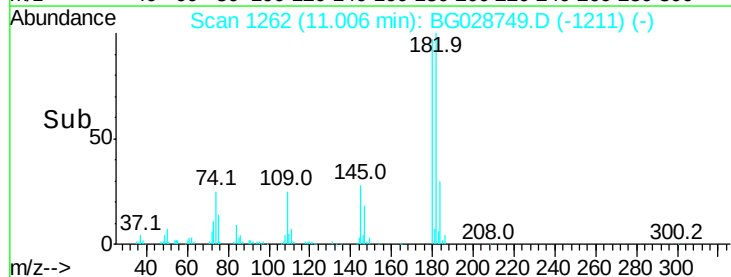
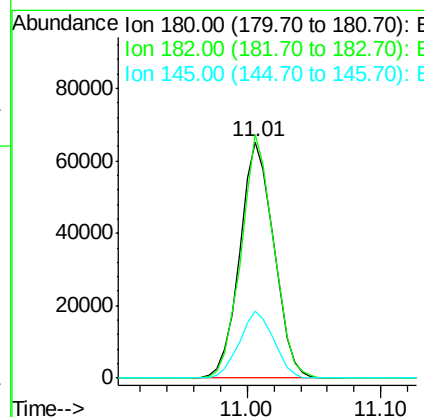
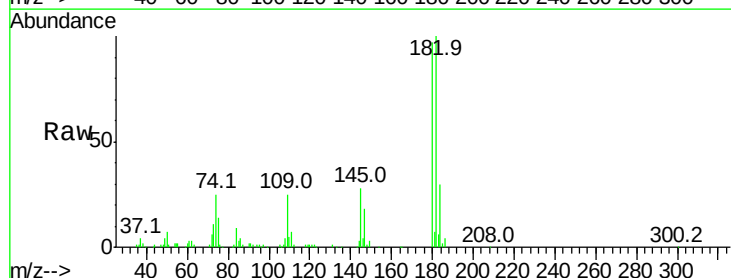
Manual Integrations
APPROVED

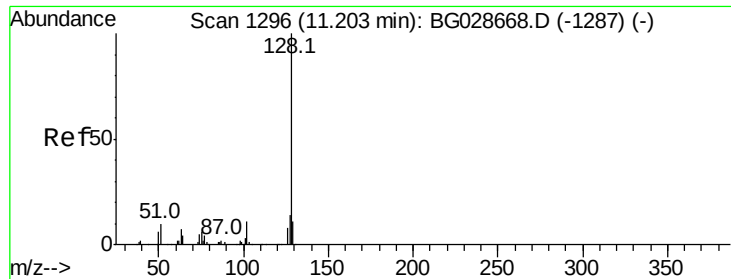
Sohil
9/15/2017 5:46:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.266 ng
RT: 11.01 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	103.1	77.0	115.4	
145	28.4	23.4	35.0	





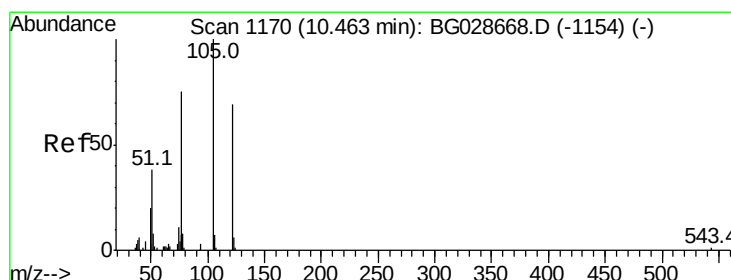
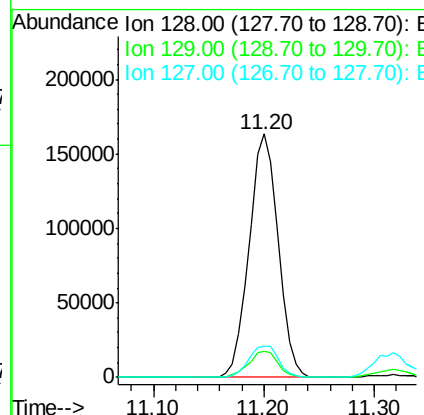
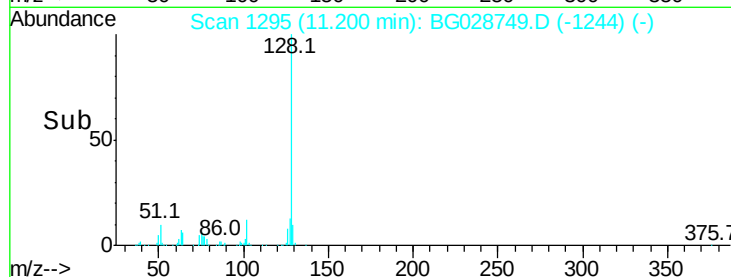
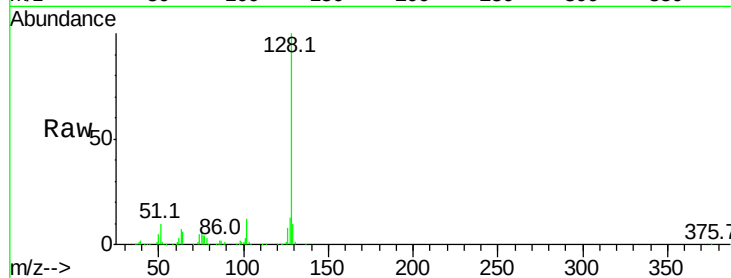
#31
Naphthalene
Concen: 39.387 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	9.3	13.9	
127	13.0	11.4	17.0	

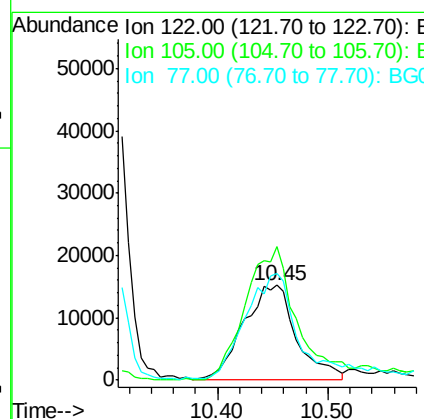
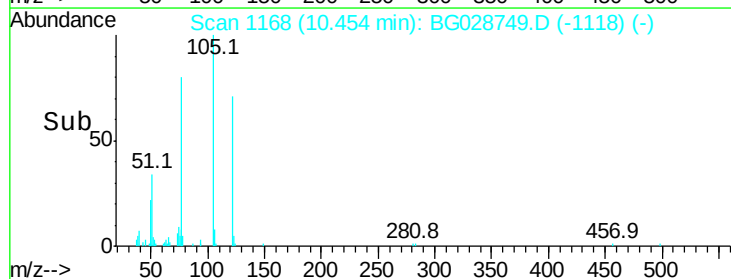
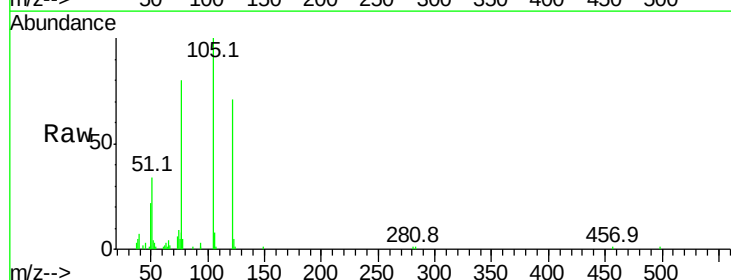
Manual Integrations
APPROVED

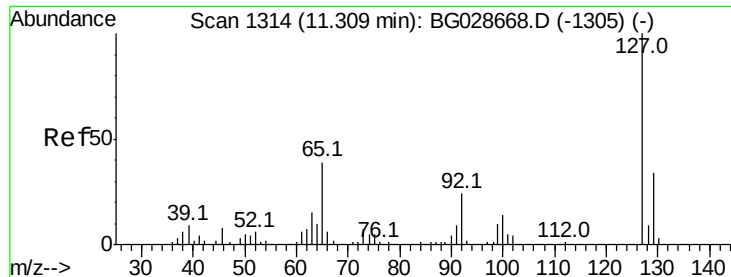
Sohil
9/15/2017 5:46:02 PM



#32
Benzoic acid
Concen: 29.293 ng
RT: 10.45 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	141.1	120.1	160.1	
77	113.5	104.6	144.6	





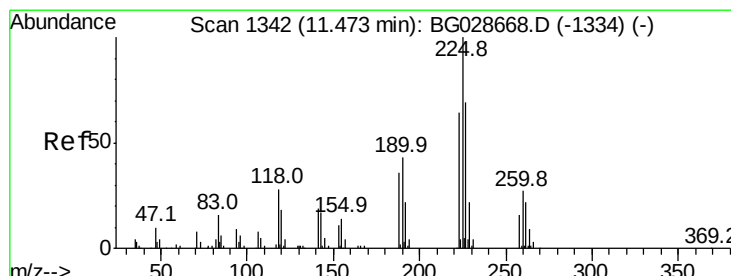
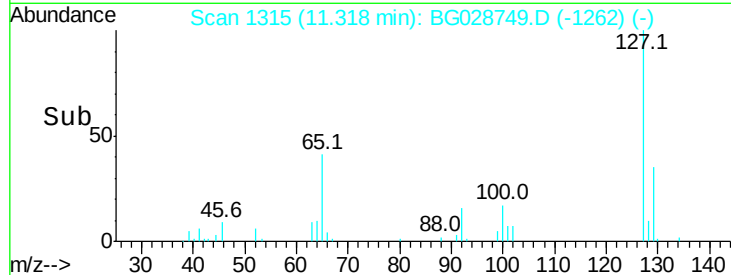
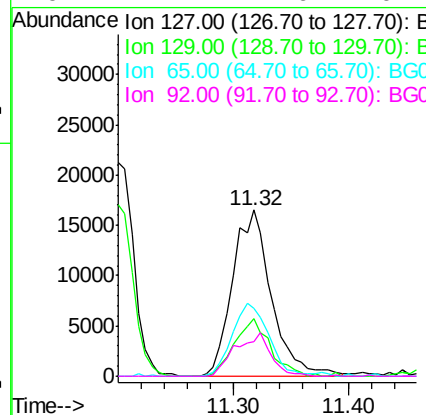
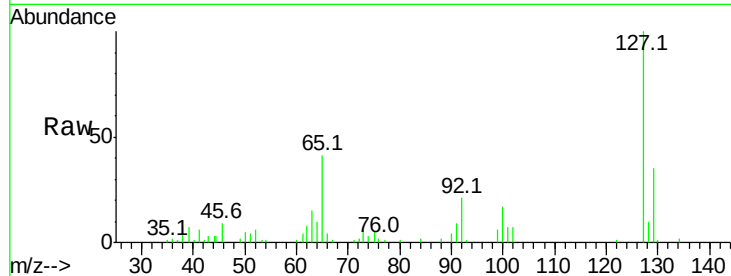
#33
4-Chloroaniline
Concen: 12.000 ng
RT: 11.32 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.9	23.6	35.4	
65	41.1	37.7	56.5	
92	21.2	17.6	26.4	

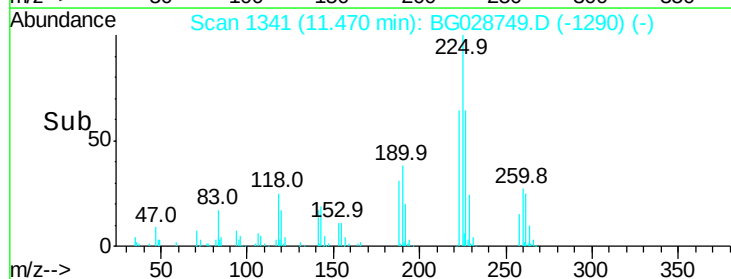
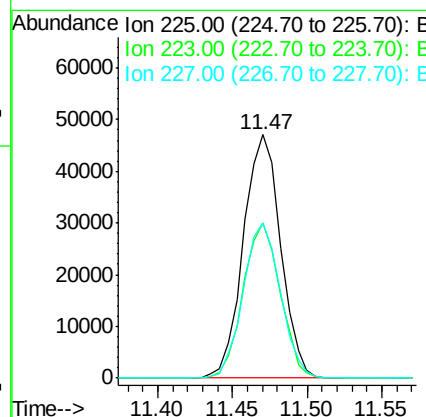
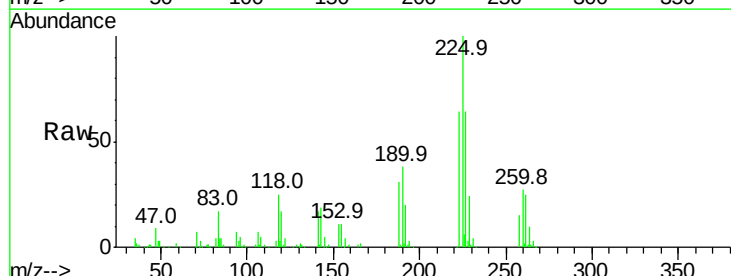
Manual Integrations
APPROVED

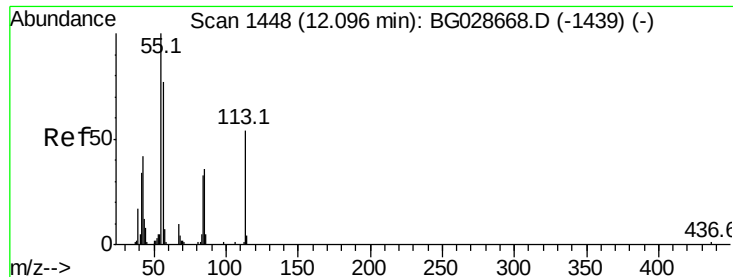
Sohil
9/15/2017 5:46:02 PM



#34
Hexachlorobutadiene
Concen: 36.854 ng
RT: 11.47 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.7	76.1	
227	63.6	49.0	73.6	





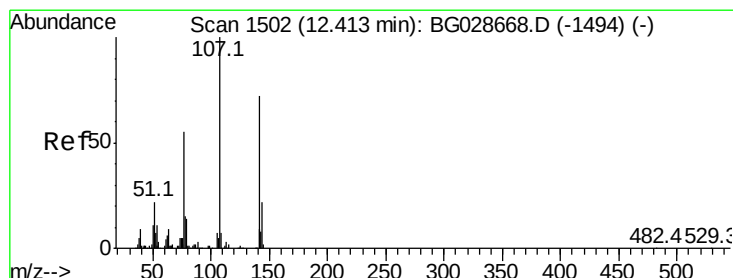
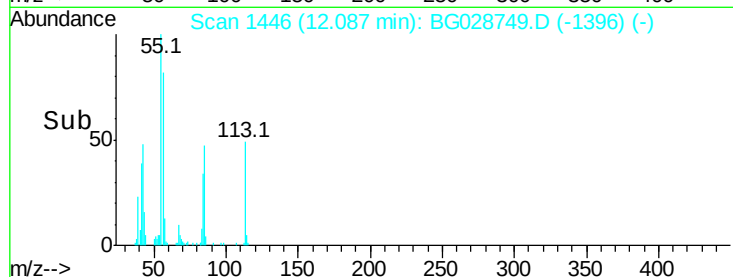
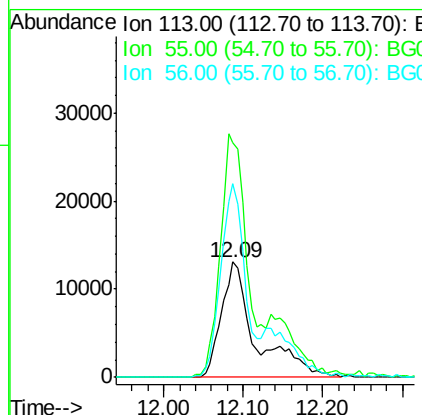
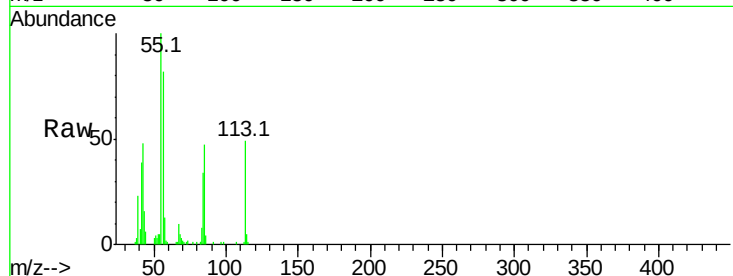
#35
 Caprolactam
 Concen: 41.525 ng/ml
 RT: 12.09 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.4	198.6	238.6
56	167.3	140.4	180.4

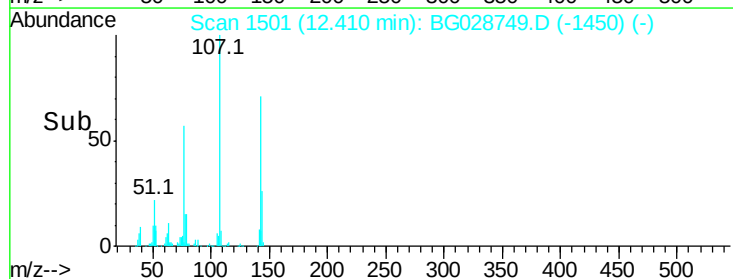
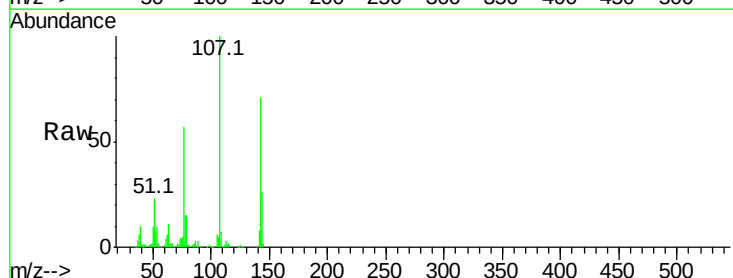
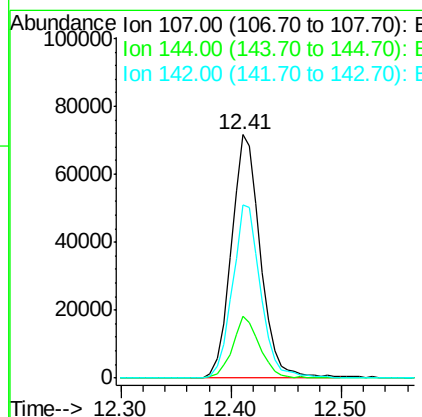
Manual Integrations
 APPROVED

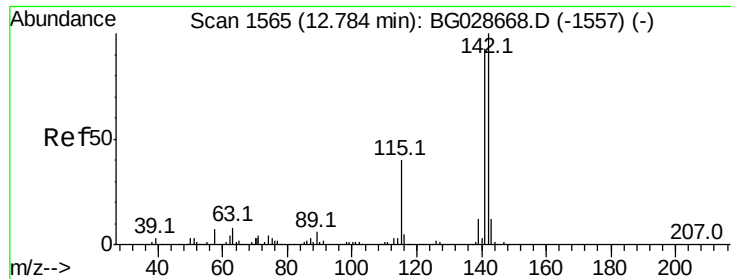
Sohil
 9/15/2017 5:46:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.451 ng
 RT: 12.41 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	17.4	26.0
142	71.3	54.1	81.1





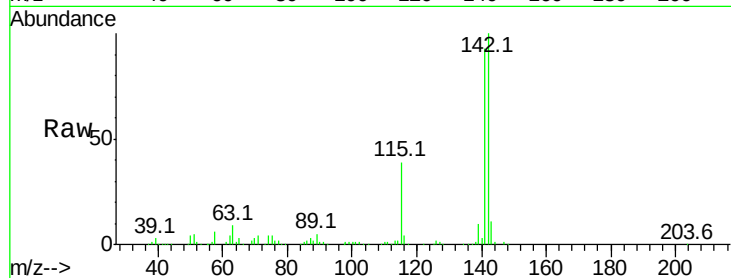
#37
2-Methylnaphthalene
Concen: 42.295 ng
RT: 12.78 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

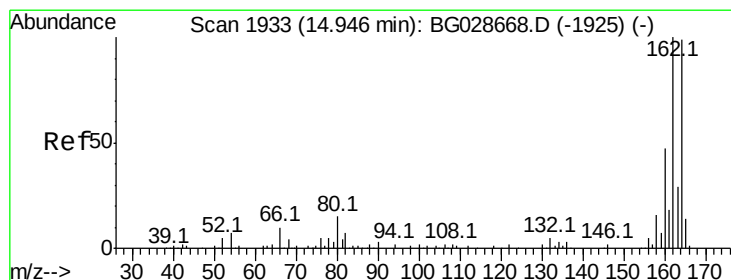
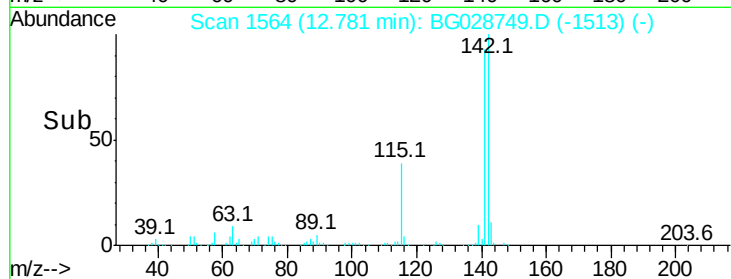
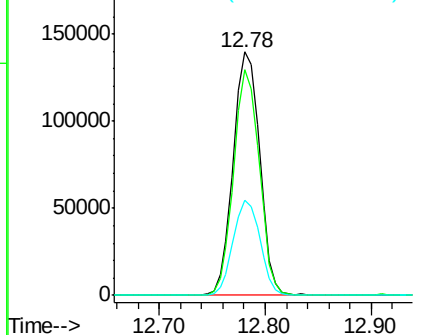
Tot Ion	Ratio	Resp	Lower	Upper
142	100	242302		
141	92.9	70.4	105.6	
115	38.9	35.5	53.3	

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



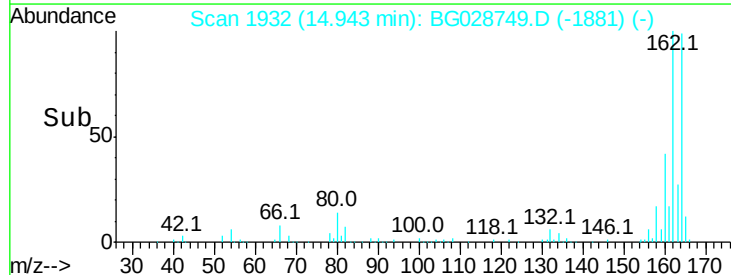
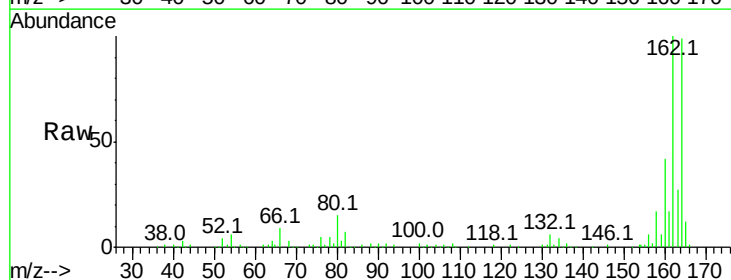
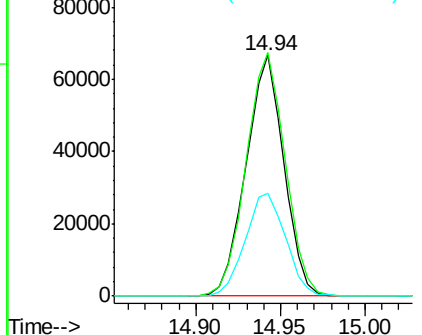
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

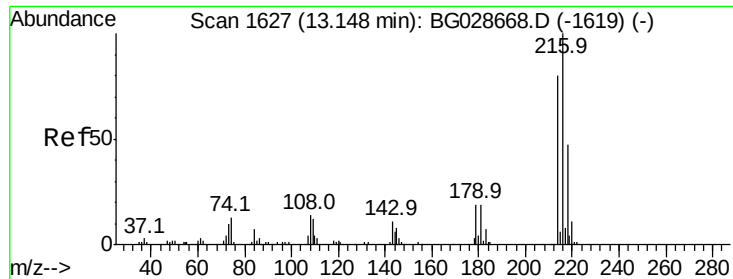


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103660		
162	101.1	85.1	127.7	
160	42.7	34.7	52.1	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





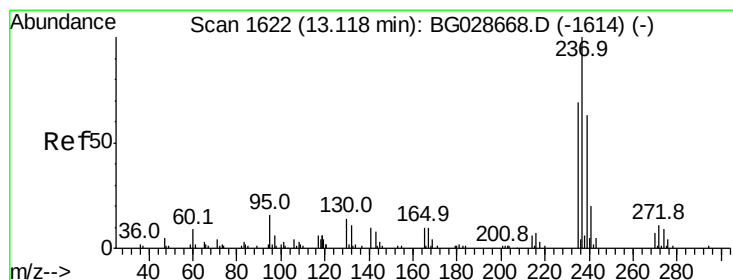
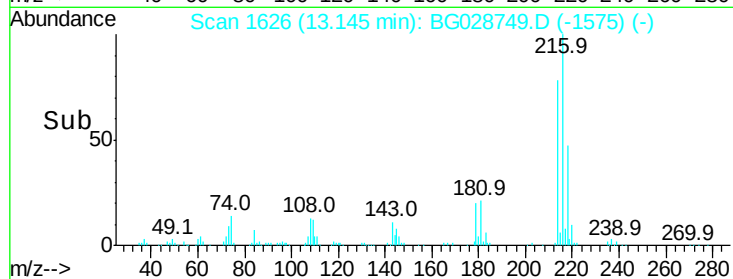
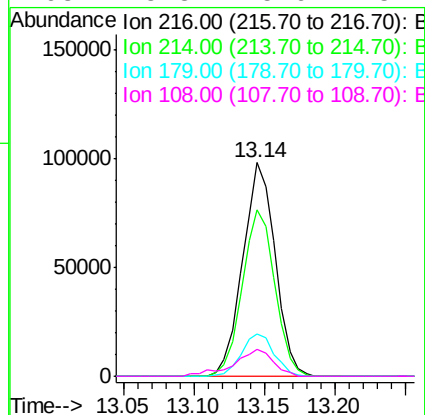
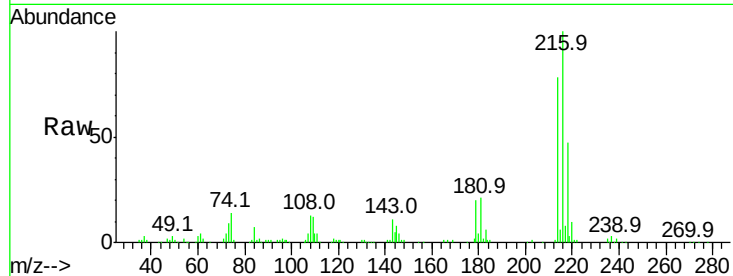
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.953 ng
 RT: 13.14 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	64.4	96.6
179	19.8	17.4	26.0
108	15.3	15.6	23.4

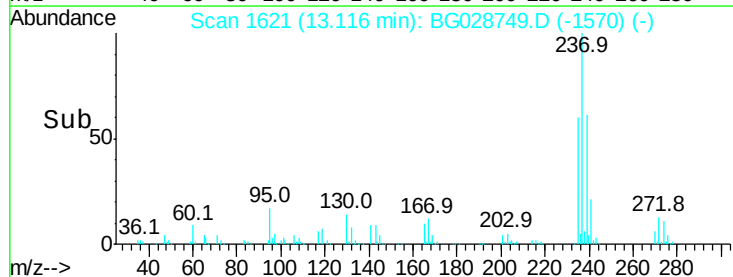
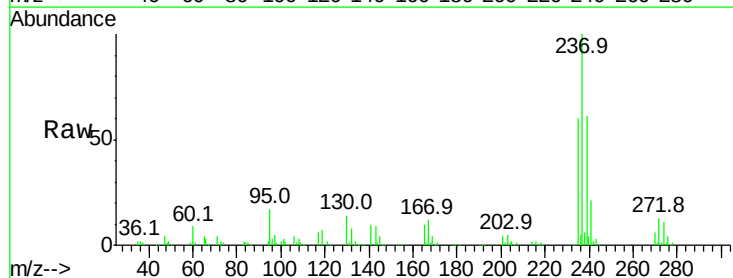
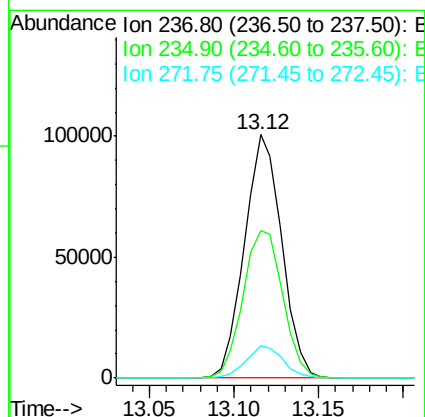
Manual Integrations
 APPROVED

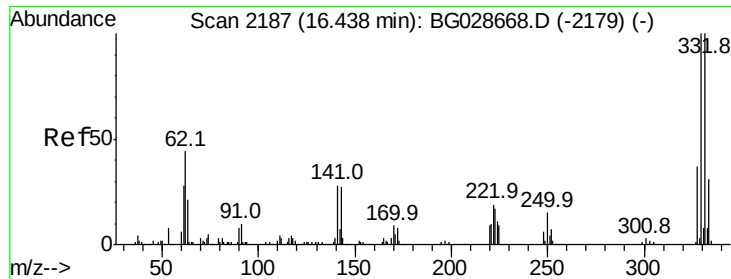
Sohil
 9/15/2017 5:46:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 92.151 ng
 RT: 13.12 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.5	39.4	79.4
272	13.1	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 91.222 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

PB102326BSD

Tot Ion:330 Resp: 156398

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

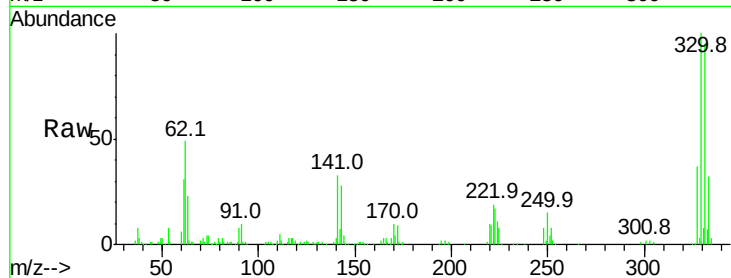
141 29.8 32.1 48.1#

Manual Integrations

APPROVED

Sohil

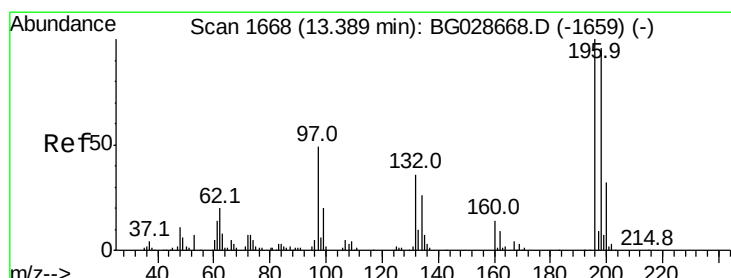
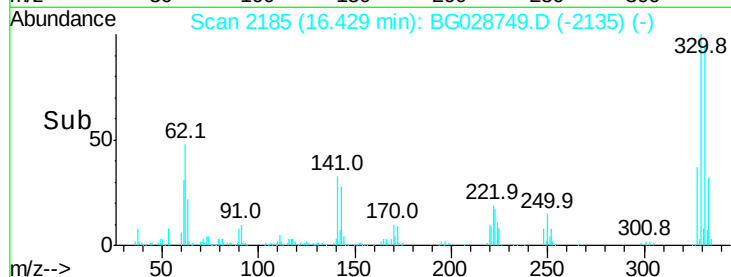
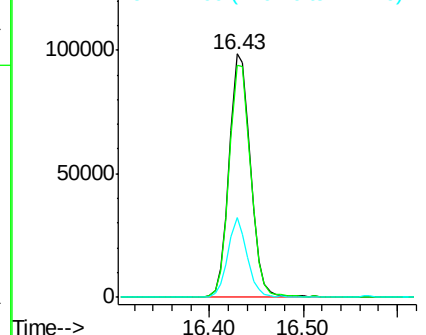
9/15/2017 5:46:02 PM



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



#42

2,4,6-Trichlorophenol

Concen: 38.951 ng

RT: 13.39 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

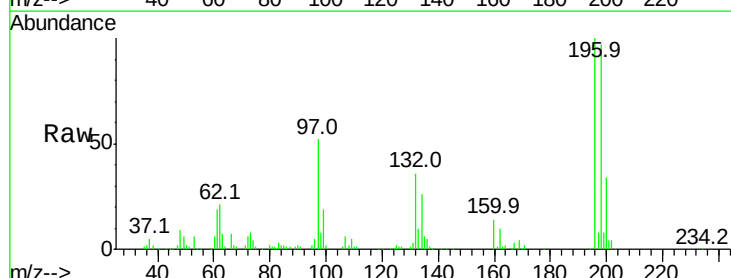
Tgt Ion:196 Resp: 105368

Ion Ratio Lower Upper

196 100

198 96.9 81.4 122.2

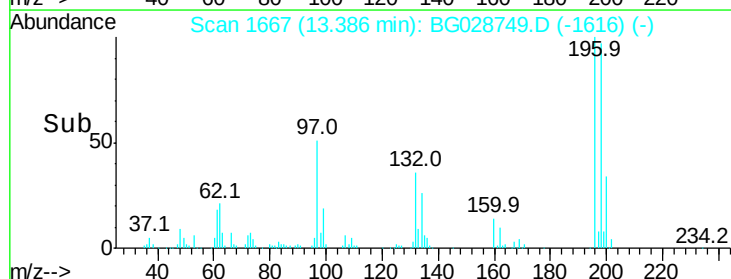
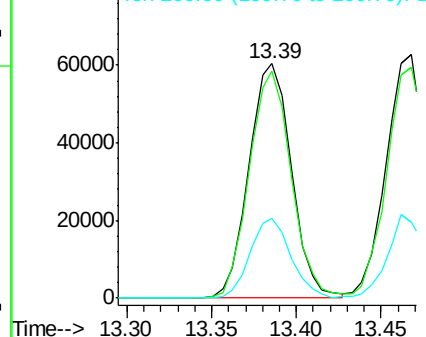
200 33.8 27.0 40.6

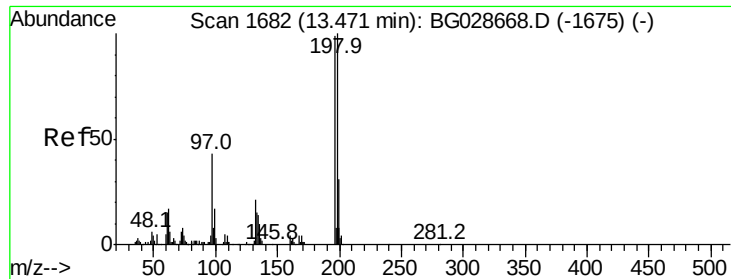


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





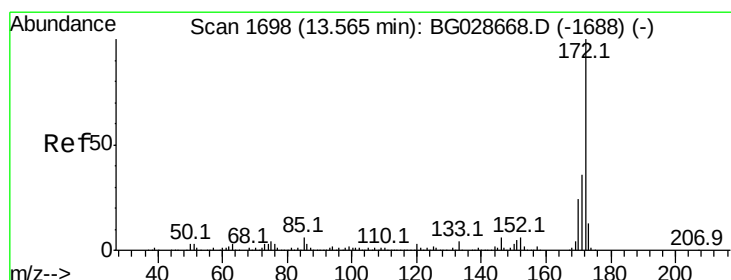
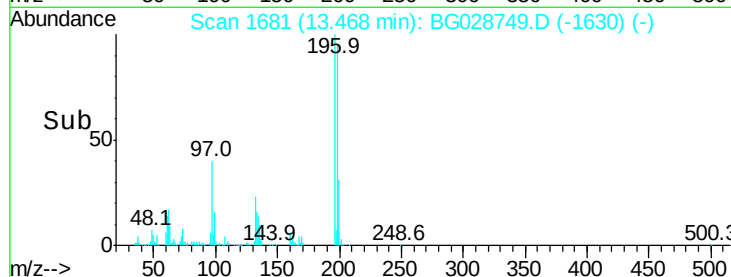
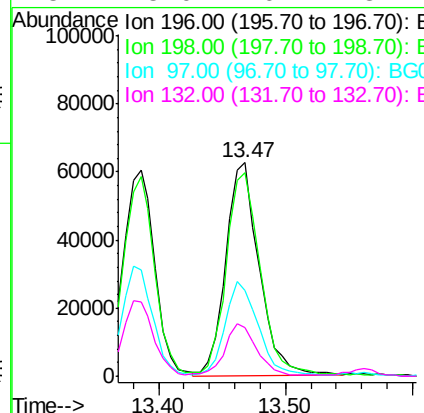
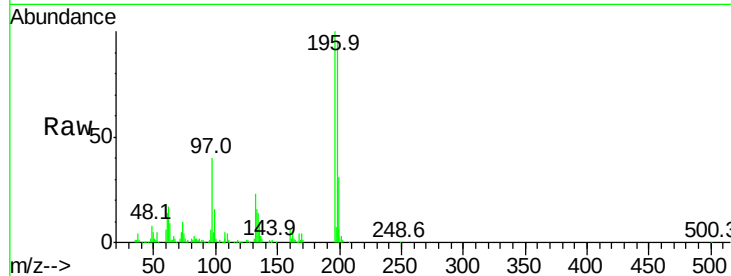
#43
2,4,5-Trichlorophenol
Concen: 41.937 ng
RT: 13.47 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113995		
198	95.0	79.9	119.9	
97	40.2	45.4	68.0	
132	23.0	20.7	31.1	

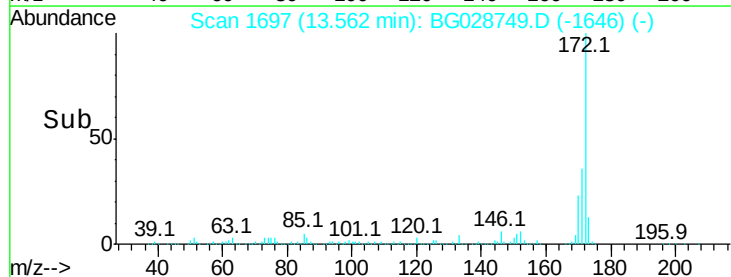
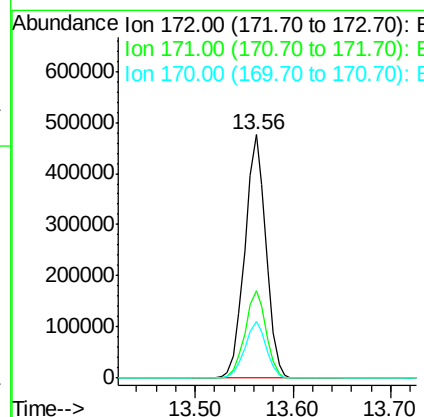
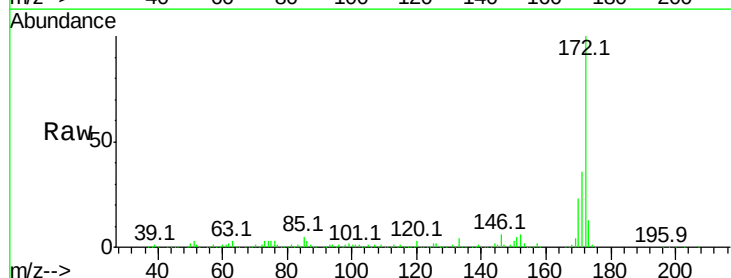
Manual Integrations
APPROVED

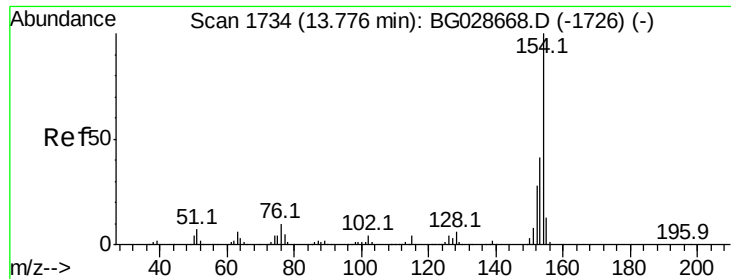
Sohil
9/15/2017 5:46:02 PM



#44
2-Fluorobiphenyl
Concen: 91.842 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	713980		
171	35.8	32.2	48.2	
170	23.3	21.8	32.6	





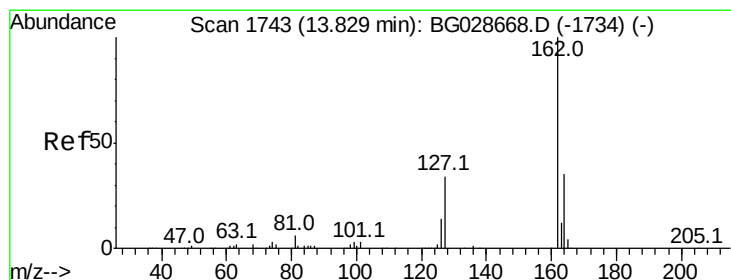
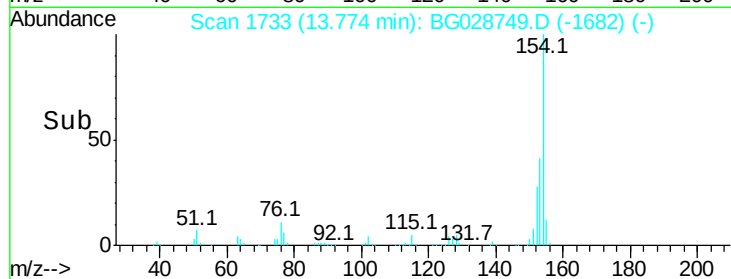
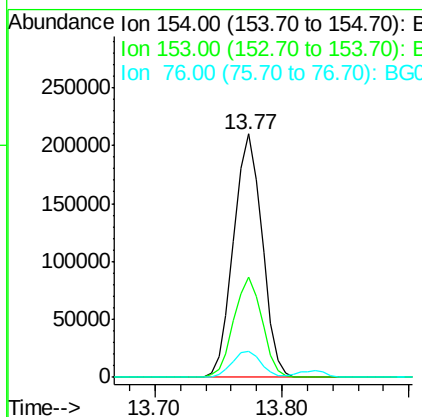
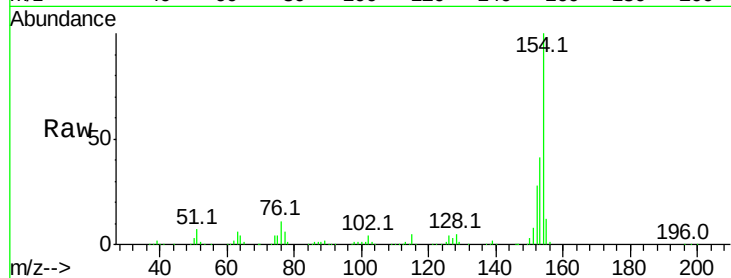
#45
 1,1'-Biphenyl
 Concen: 38.264 ng
 RT: 13.77 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampled :
 PB102326BSD

Tot Ion:	154	Resp:	328409
Ion Ratio	Lower	Upper	
154	100		
153	41.2	23.0	63.0
76	10.9	0.0	33.5

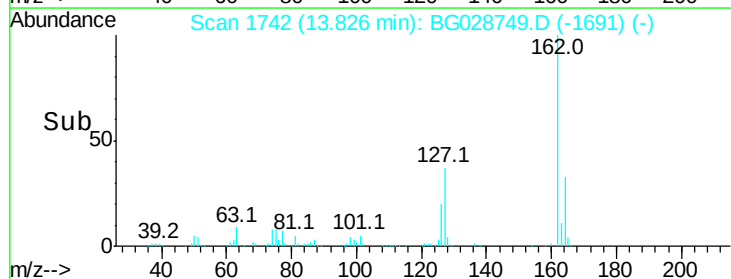
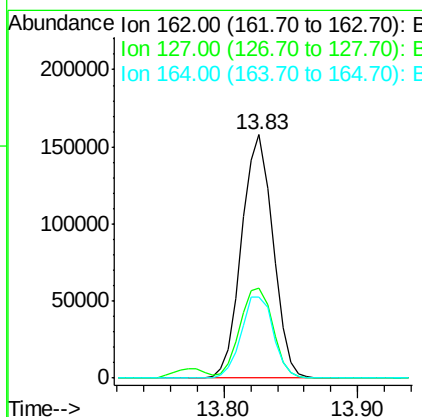
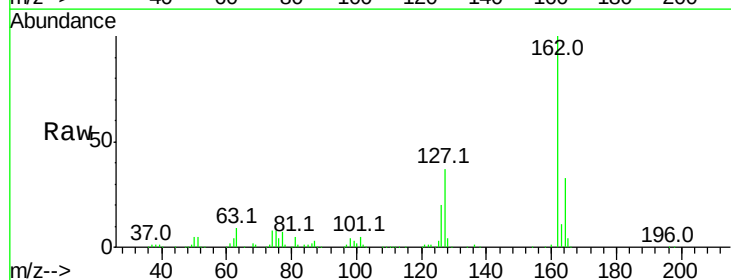
Manual Integrations
 APPROVED

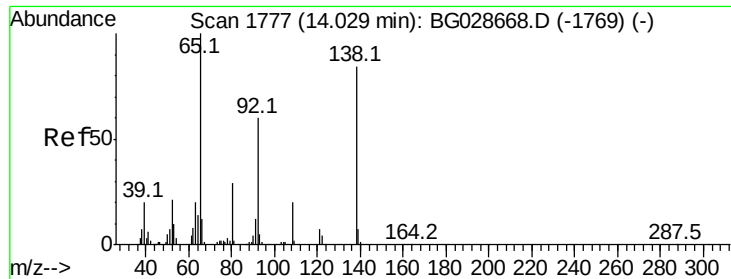
Sohil
 9/15/2017 5:46:02 PM



#46
 2-Chloronaphthalene
 Concen: 40.936 ng
 RT: 13.83 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion:	162	Resp:	256263
Ion Ratio	Lower	Upper	
162	100		
127	37.0	32.2	48.4
164	33.2	27.3	40.9





#47

2-Nitroaniline

Concen: 41.574 ng

RT: 14.03 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

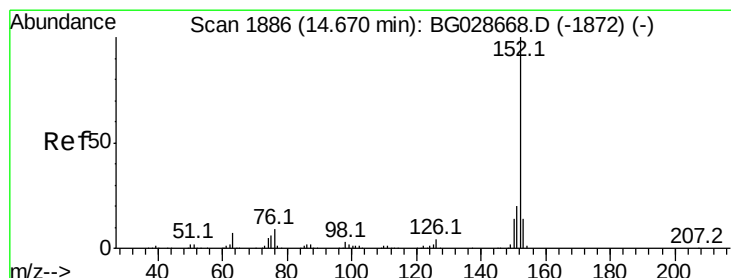
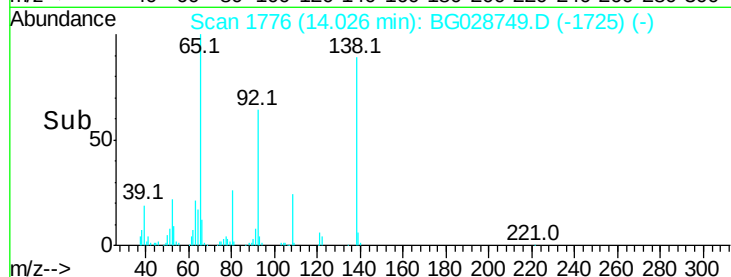
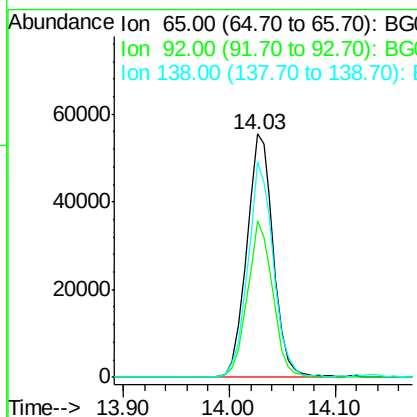
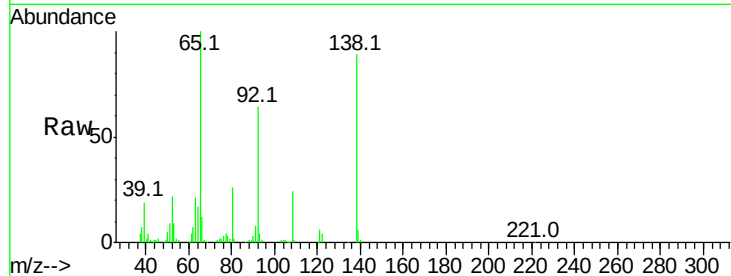
ClientSampleId :

PB102326BSD

Tot Ion:	65	Resp:	96723
Ion Ratio	Lower	Upper	
65	100		
92	64.5	49.0	73.4
138	88.6	58.6	87.8#

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#48

Acenaphthylene

Concen: 40.263 ng

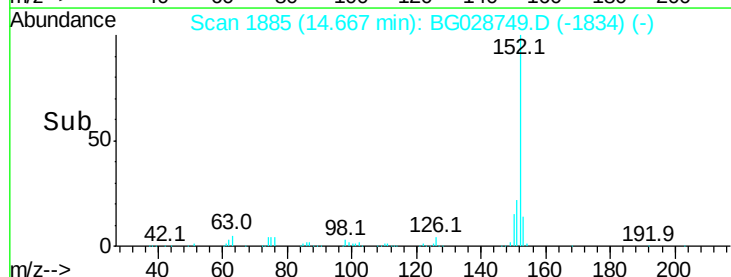
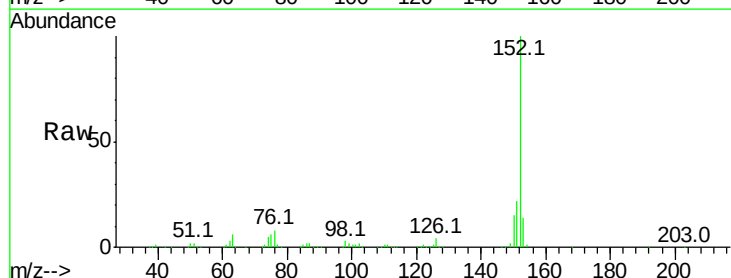
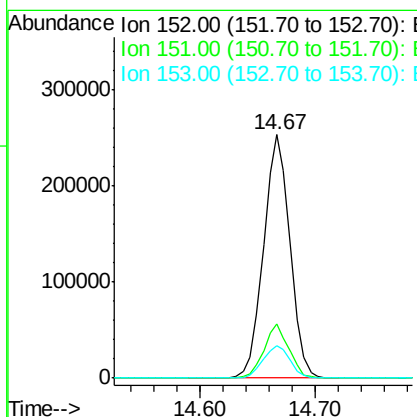
RT: 14.67 min Scan# 1885

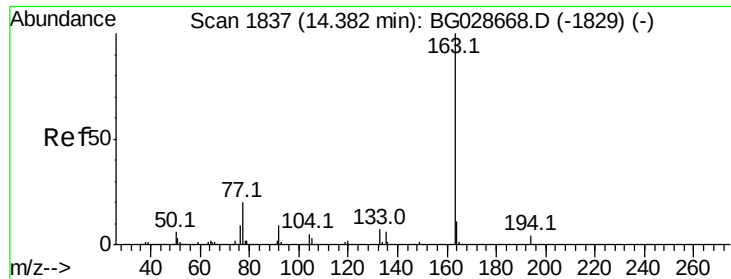
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	152	Resp:	402677
Ion Ratio	Lower	Upper	
152	100		
151	22.1	18.2	27.2
153	13.6	11.3	16.9





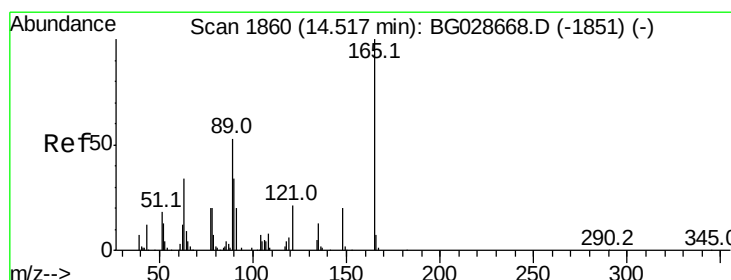
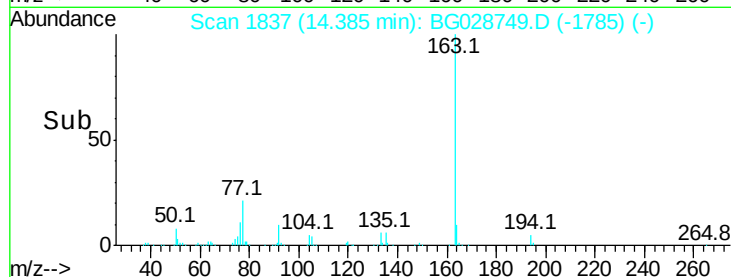
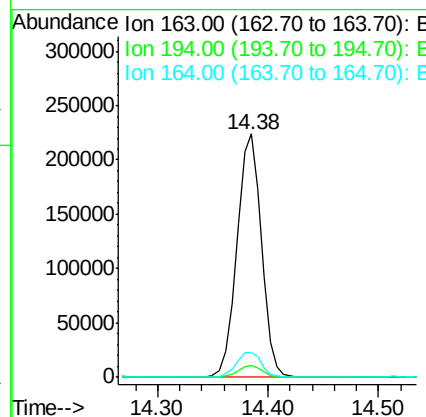
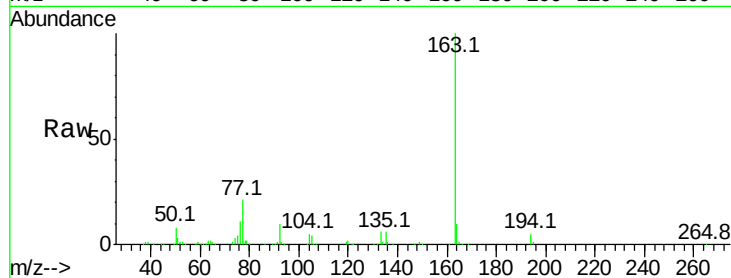
#49
Dimethylphthalate
Concen: 40.014 ng
RT: 14.38 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	347816		
194	5.1	3.8	5.6	
164	10.0	9.3	13.9	

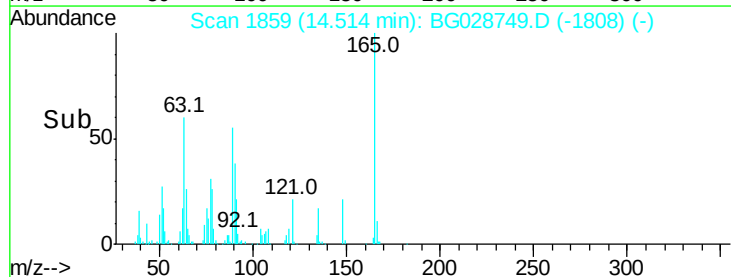
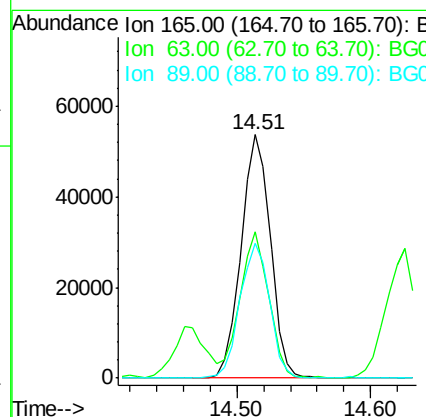
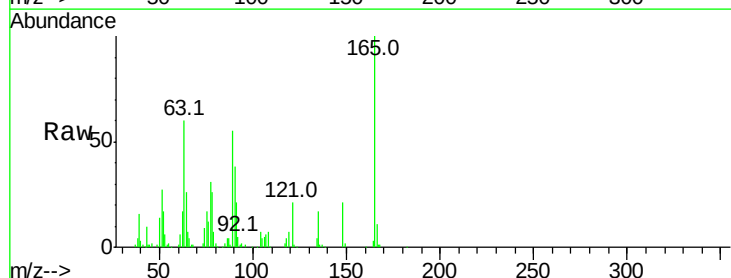
Manual Integrations
APPROVED

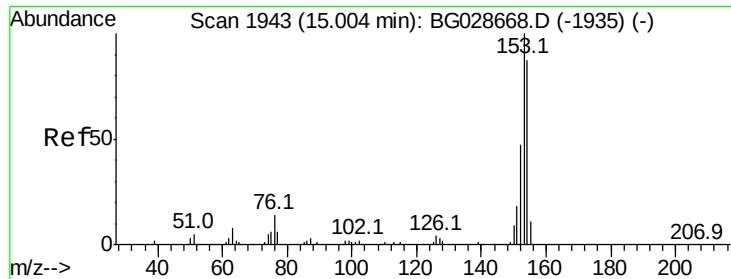
Sohil
9/15/2017 5:46:02 PM



#50
2,6-Dinitrotoluene
Concen: 41.993 ng
RT: 14.51 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81221		
63	60.3	63.9	95.9#	
89	55.1	58.6	88.0#	





#51

Acenaphthene

Concen: 40.555 ng

RT: 15.01 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

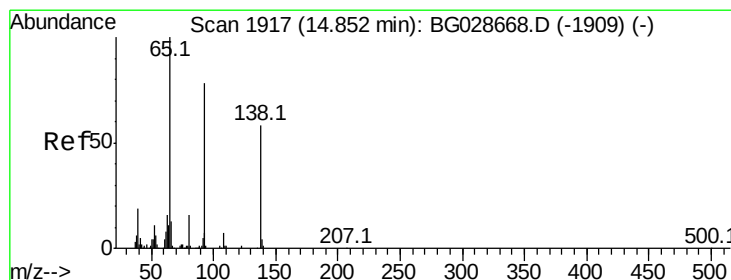
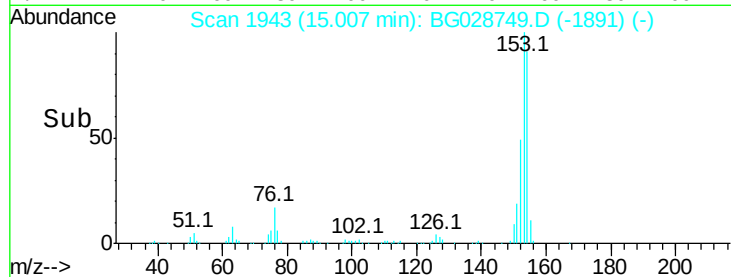
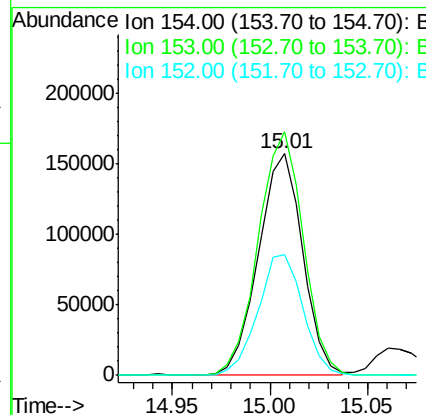
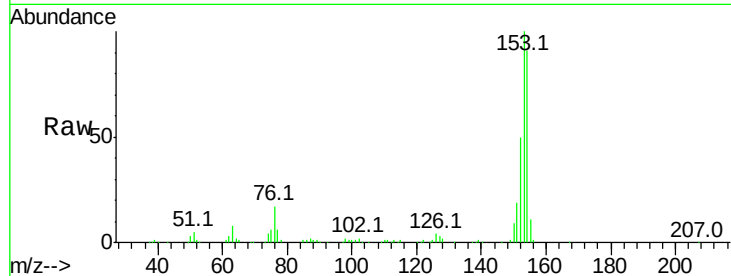
ClientSampleId :

PB102326BSD

Tot Ion:	154	Resp:	246386
Ion Ratio	Lower	Upper	
154	100		
153	109.9	87.8	131.6
152	54.8	42.2	63.4

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#52

3-Nitroaniline

Concen: 17.869 ng

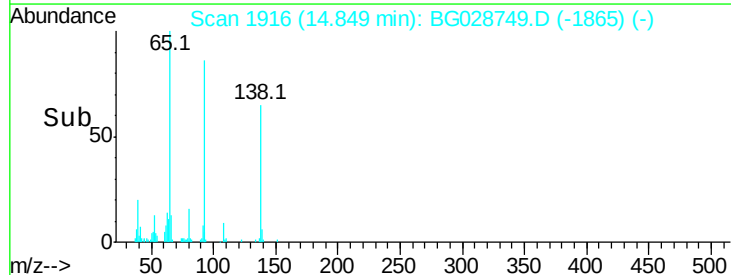
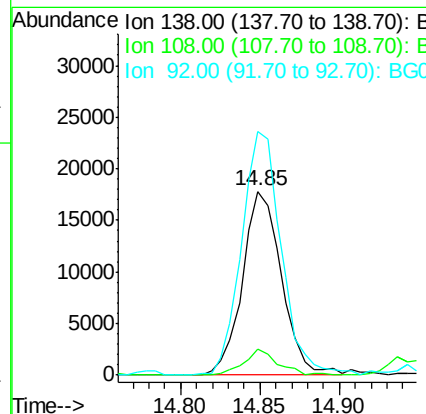
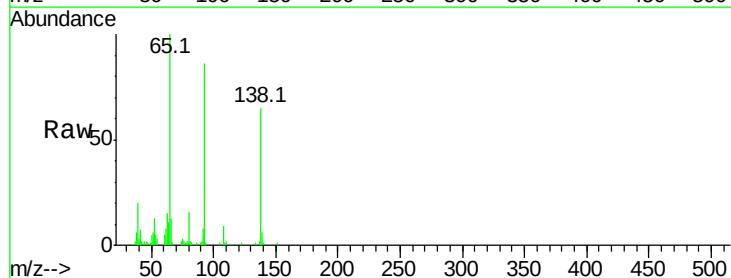
RT: 14.85 min Scan# 1916

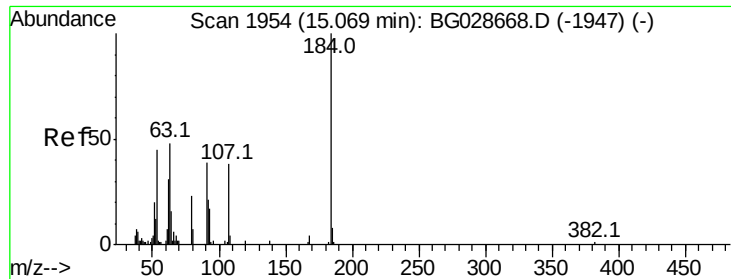
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	138	Resp:	30564
Ion Ratio	Lower	Upper	
138	100		
108	14.5	10.9	16.3
92	132.7	115.3	172.9





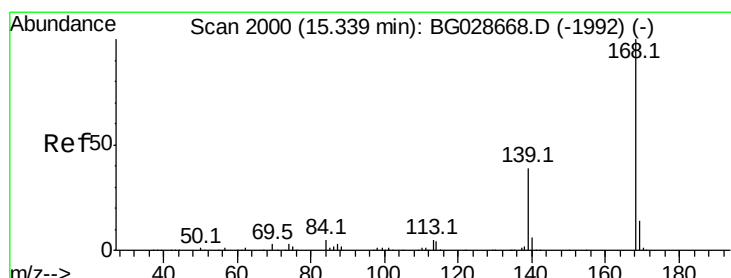
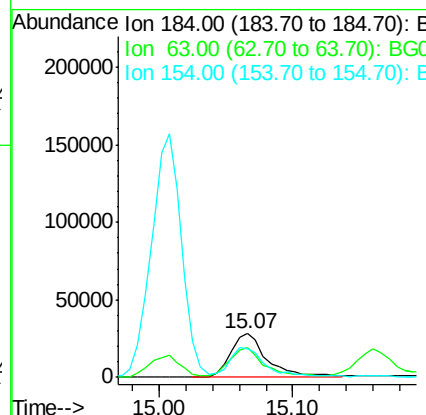
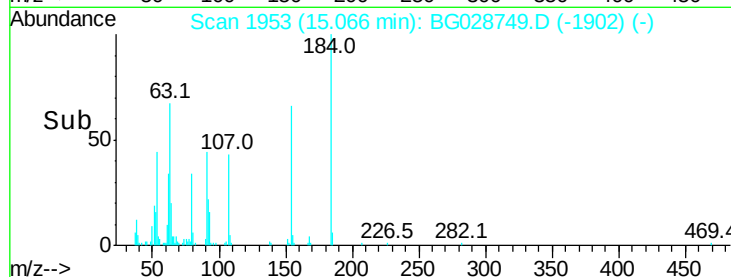
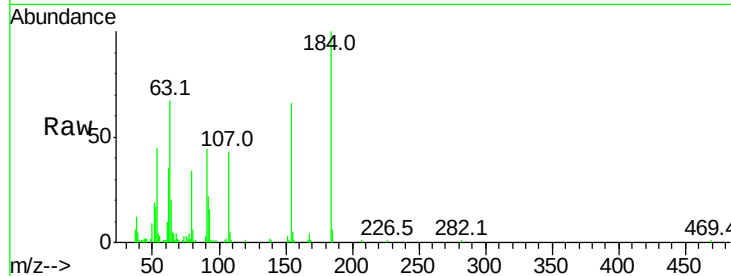
#53
2,4-Dinitrophenol
Concen: 55.840 ng
RT: 15.07 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.4	52.7	79.1
154	66.1	57.3	85.9

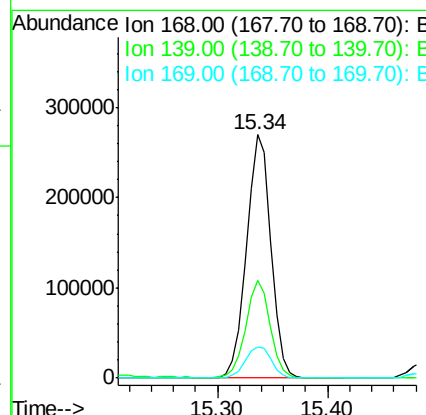
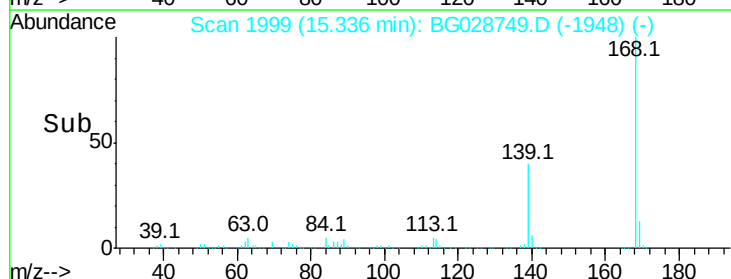
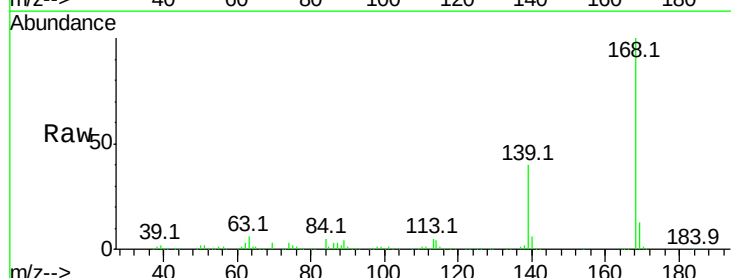
Manual Integrations
APPROVED

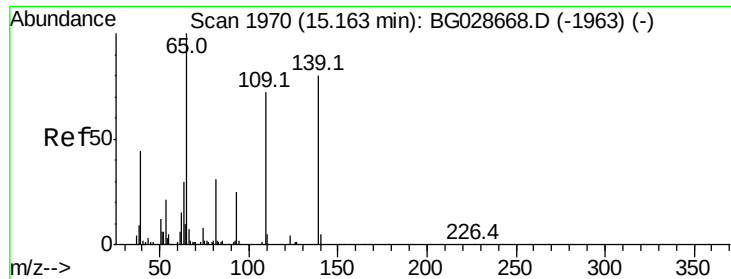
Sohil
9/15/2017 5:46:02 PM



#54
Dibenzofuran
Concen: 43.227 ng
RT: 15.34 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	35.3	52.9
169	12.7	11.5	17.3





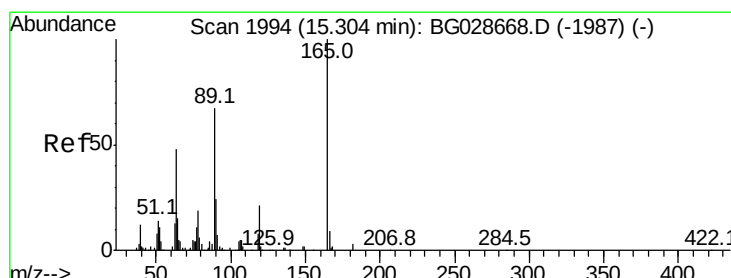
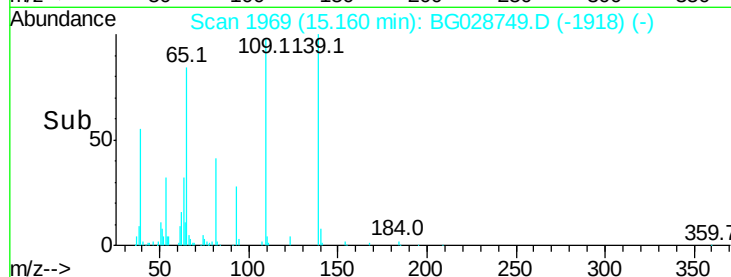
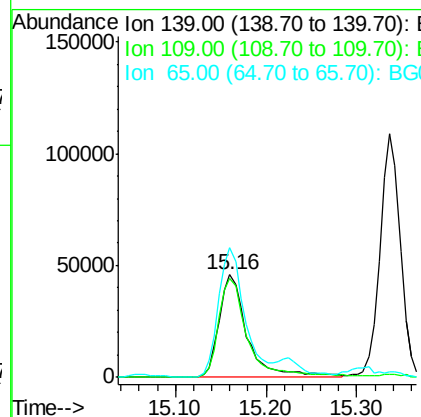
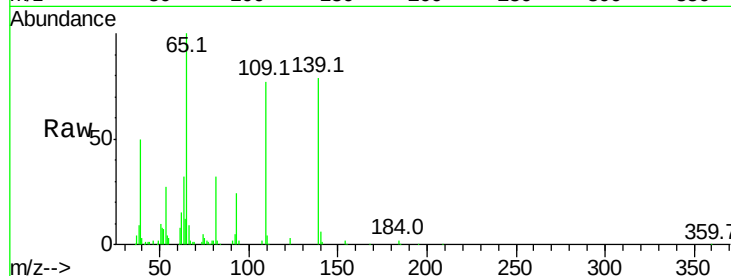
#55
4-Nitrophenol
Concen: 78.992 ng
RT: 15.16 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	96.9	101.2	141.2#	
65	126.2	135.3	175.3#	

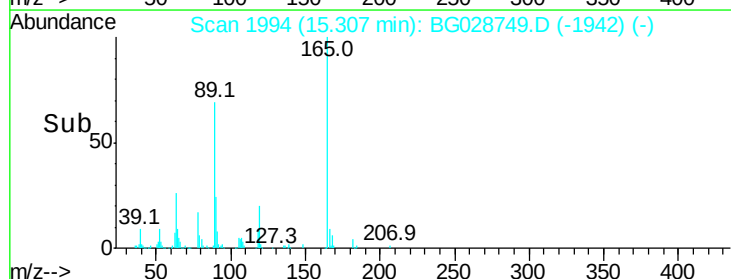
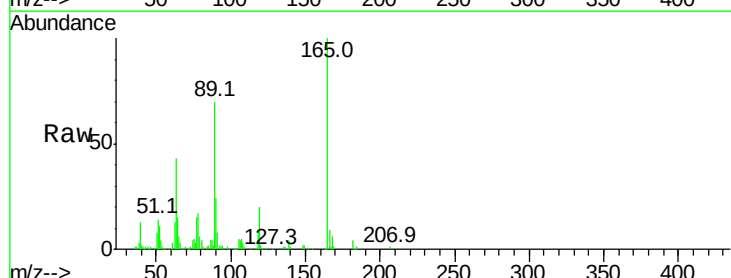
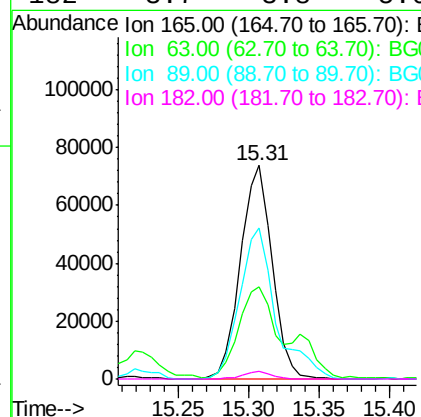
Manual Integrations
APPROVED

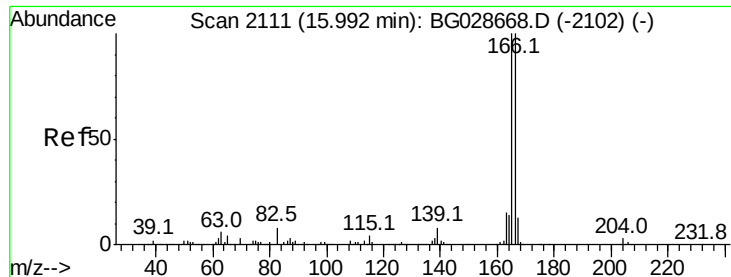
Sohil
9/15/2017 5:46:02 PM



#56
2,4-Dinitrotoluene
Concen: 42.693 ng
RT: 15.31 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	44.0	66.0#	
89	70.5	67.3	100.9	
182	3.7	3.8	5.6#	





#57

Fluorene

Concen: 41.383 ng

RT: 15.99 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

PB102326BSD

Tot Ion:166 Resp: 357948

Ion Ratio Lower Upper

166 100

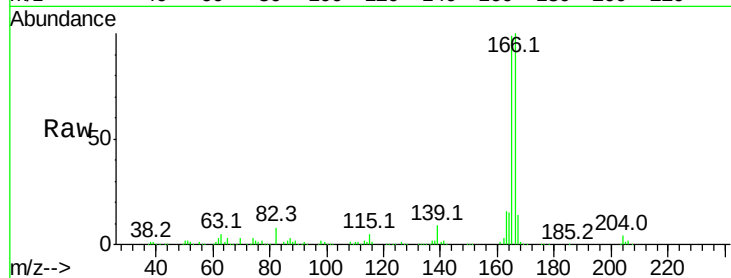
165 99.2 78.6 117.8

167 14.0 11.6 17.4

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM

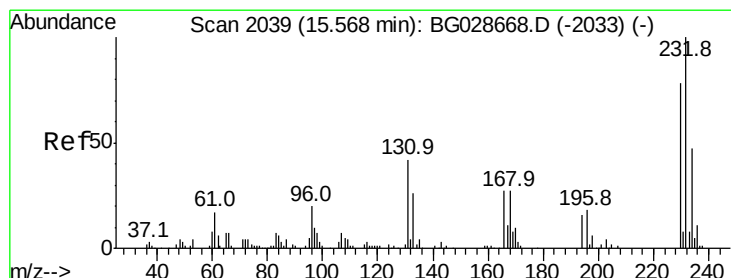
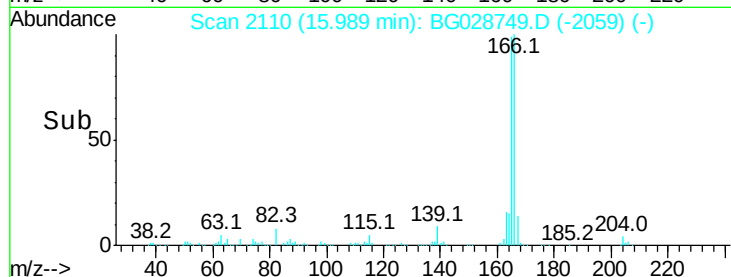
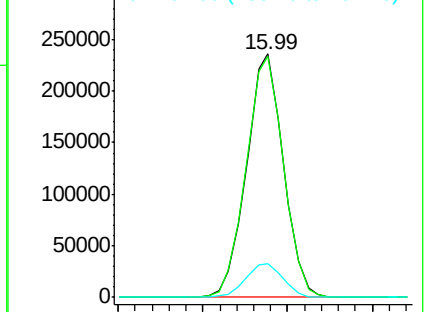


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.152 ng

RT: 15.57 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:232 Resp: 112962

Ion Ratio Lower Upper

232 100

131 37.2 34.9 52.3

130 2.2 2.3 3.5#

166 27.1 24.2 36.4

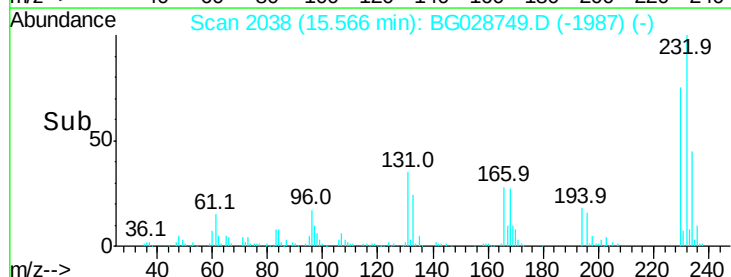
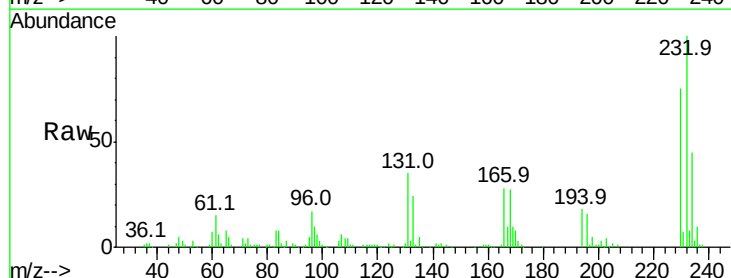
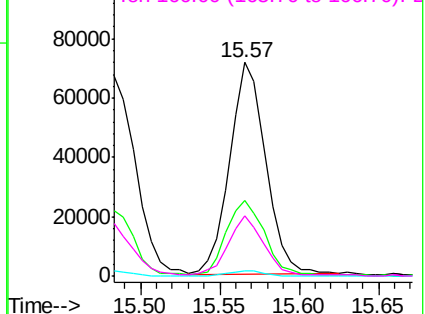
Abundance

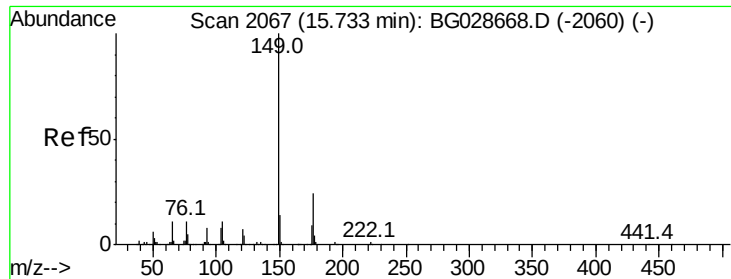
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





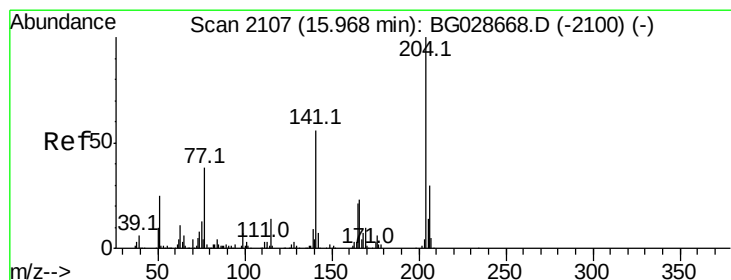
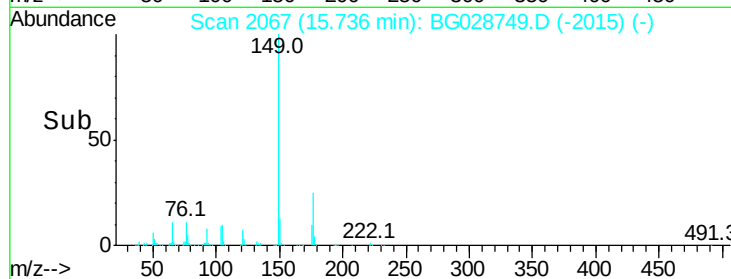
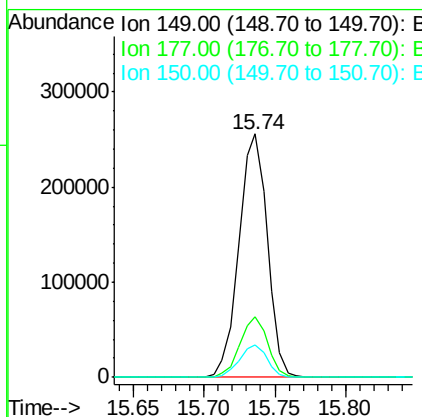
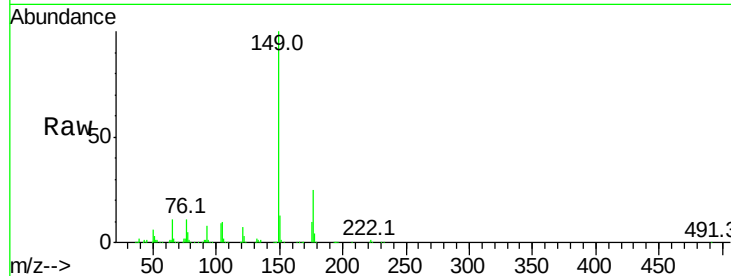
#59
Diethylphthalate
Concen: 40.158 ng
RT: 15.74 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.8	20.1	30.1	
150	13.2	10.2	15.2	

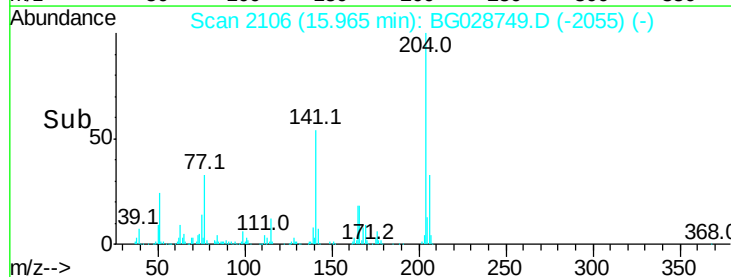
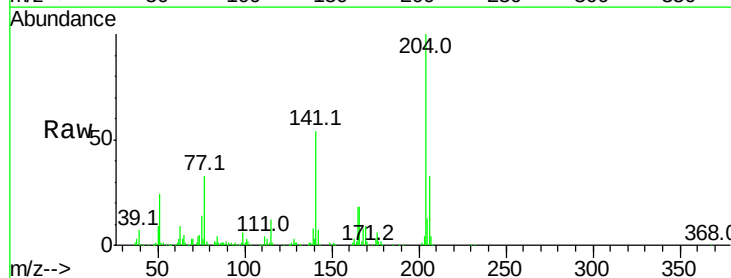
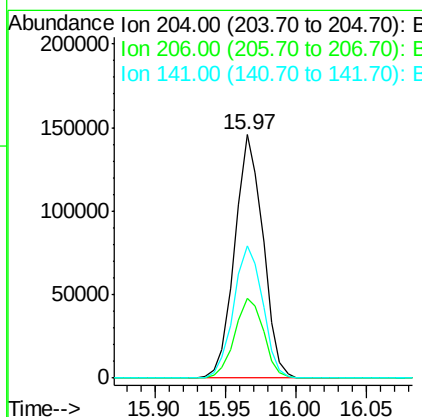
Manual Integrations
APPROVED

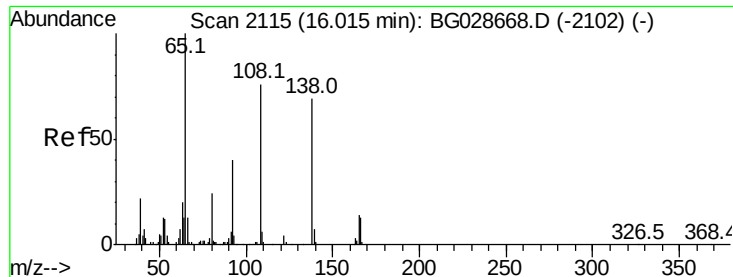
Sohil
9/15/2017 5:46:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.303 ng
RT: 15.97 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.6	30.1	45.1	
141	54.2	50.6	76.0	





#61

4-Nitroaniline

Concen: 41.170 ng

RT: 16.02 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

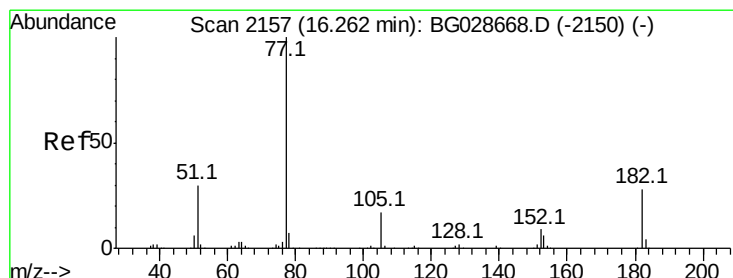
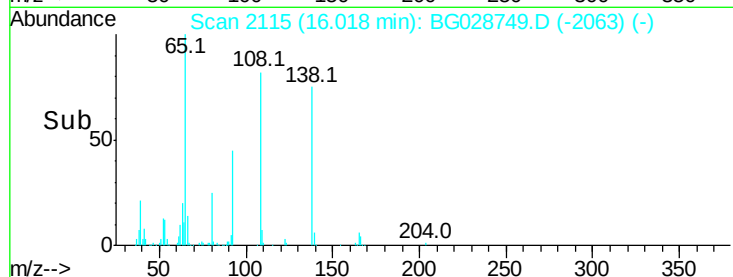
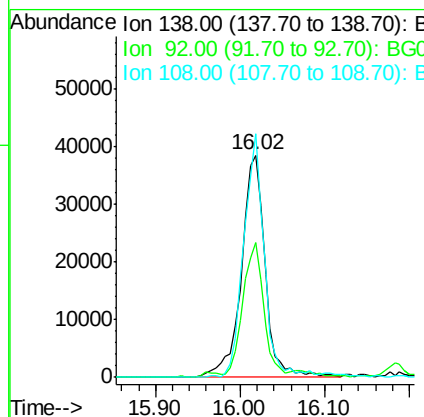
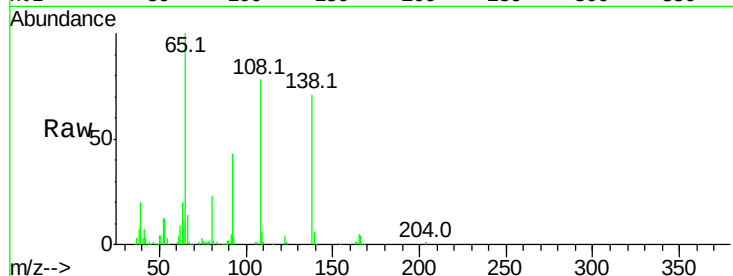
PB102326BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.7	44.2	84.2
108	109.6	104.8	144.8

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#62

Azobenzene

Concen: 44.018 ng

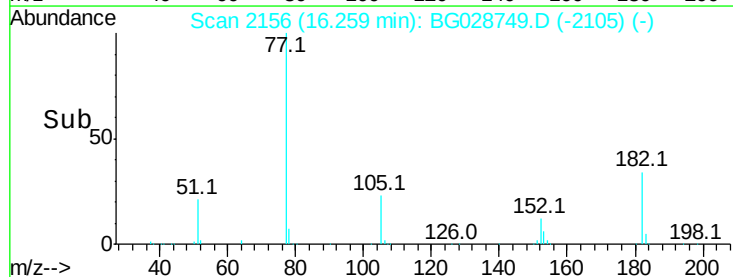
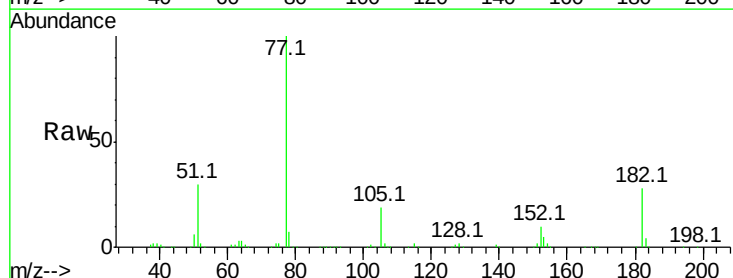
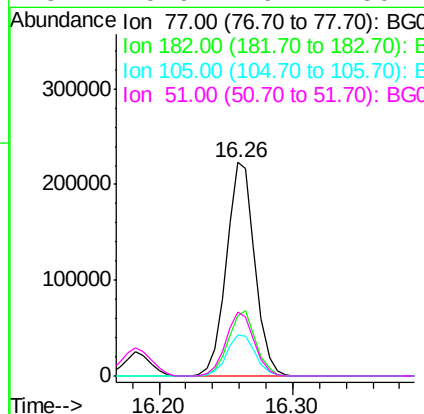
RT: 16.26 min Scan# 2156

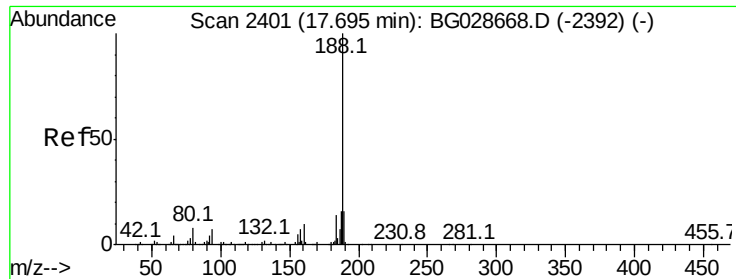
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.7	44.7
105	19.0	0.0	36.3
51	29.9	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

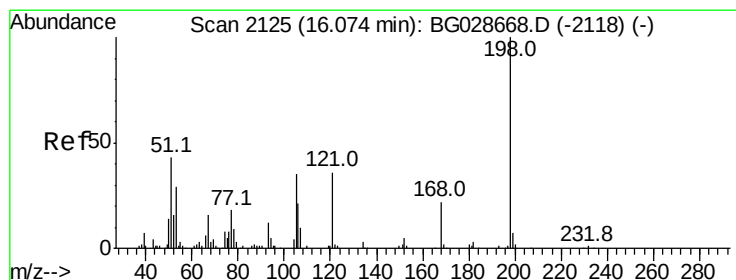
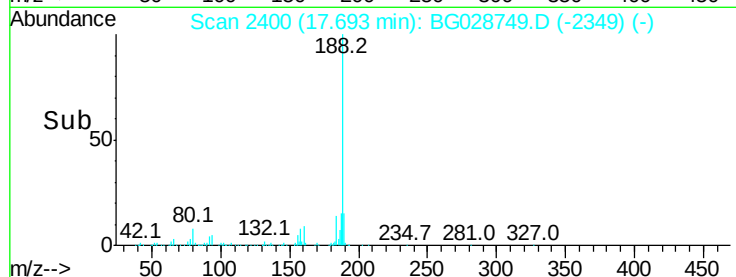
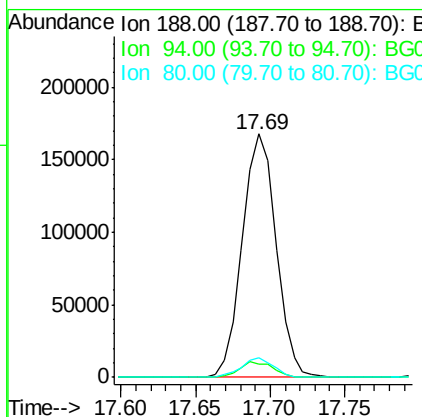
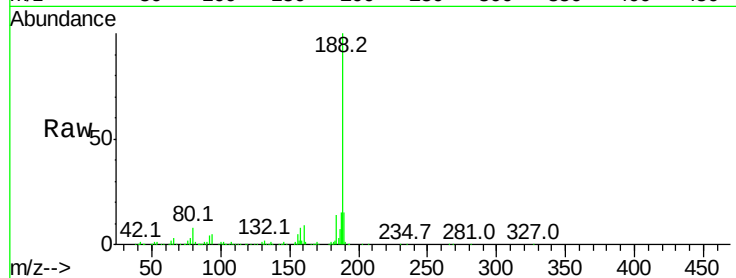
ClientSampleId :

PB102326BSD

Tot Ion:	188	Resp:	263610
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.8	8.8#
80	8.0	7.5	11.3

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 35.700 ng

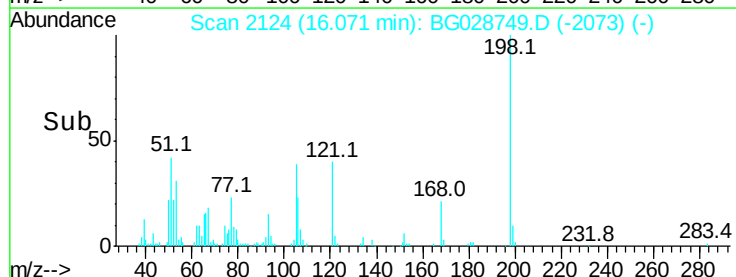
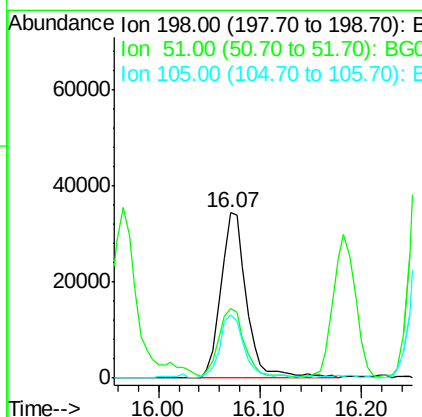
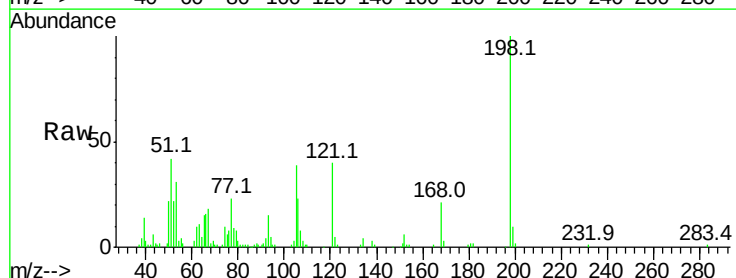
RT: 16.07 min Scan# 2124

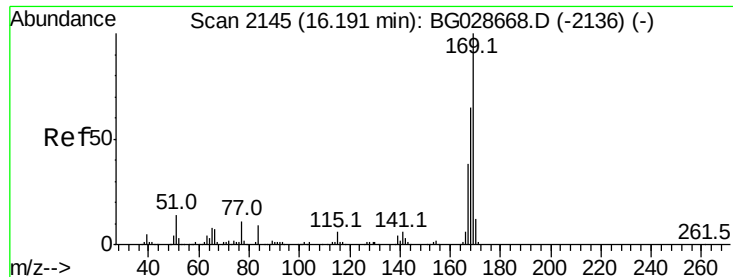
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	198	Resp:	60725
Ion Ratio	Lower	Upper	
198	100		
51	42.4	22.6	62.6
105	38.6	14.4	54.4





#65

n-Nitrosodiphenylamine

Concen: 40.991 ng

RT: 16.18 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampleId :

PB102326BSD

Tot Ion:169 Resp: 309758

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

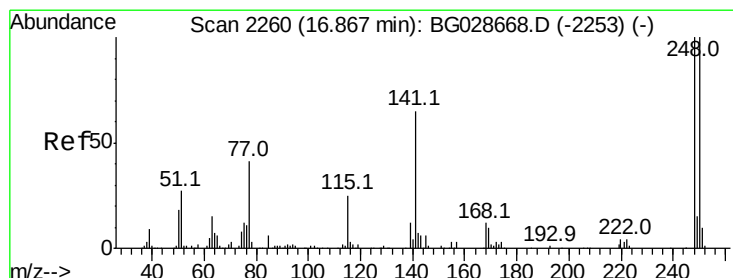
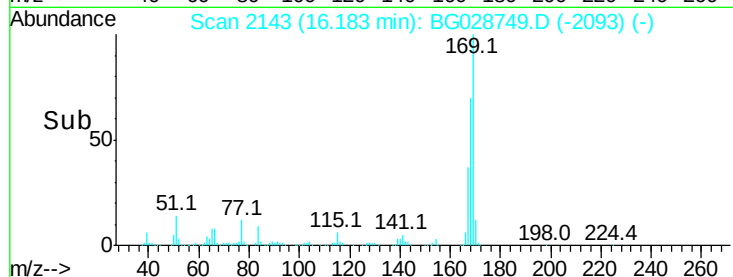
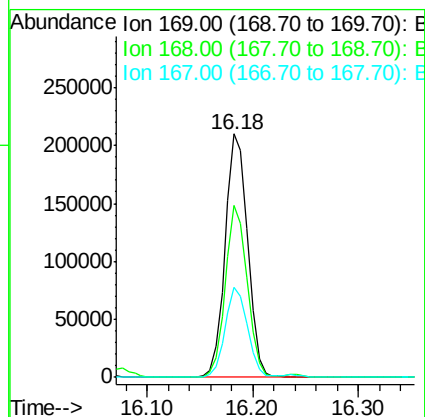
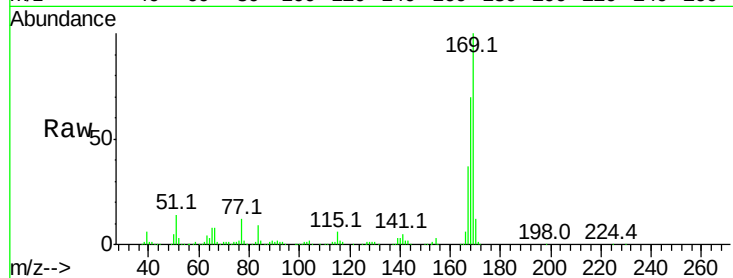
167 37.2 29.8 44.6

Manual Integrations

APPROVED

Sohil

9/15/2017 5:46:02 PM



#66

4-Bromophenyl-phenylether

Concen: 41.592 ng

RT: 16.86 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

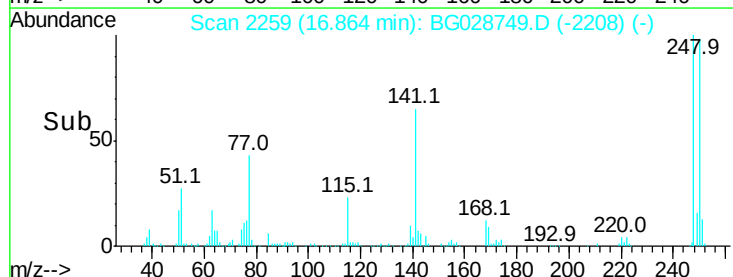
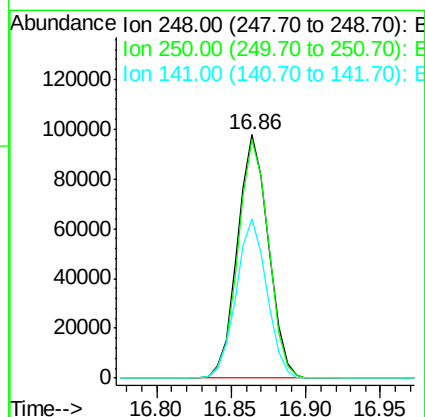
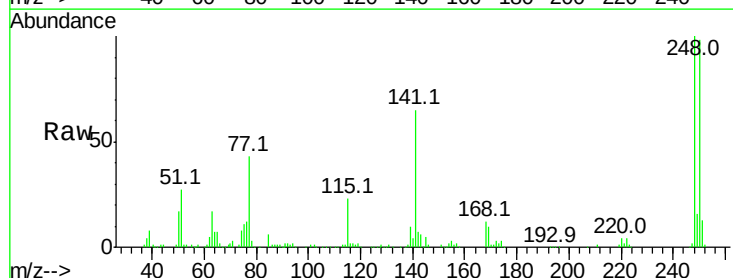
Tgt Ion:248 Resp: 141079

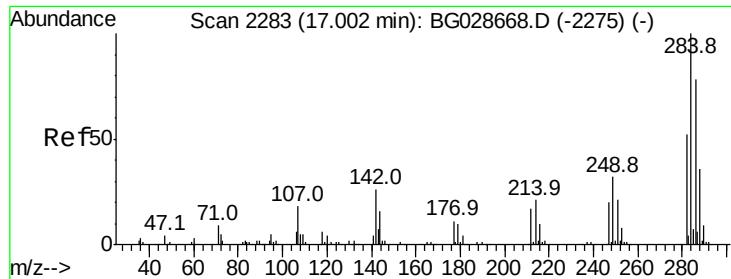
Ion Ratio Lower Upper

248 100

250 98.0 75.0 112.6

141 65.1 55.2 82.8





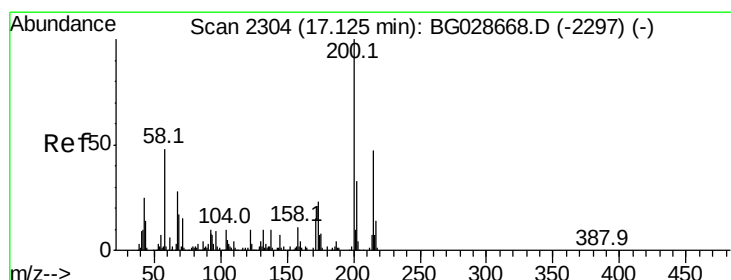
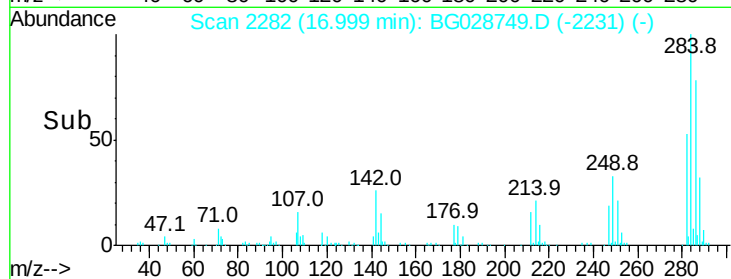
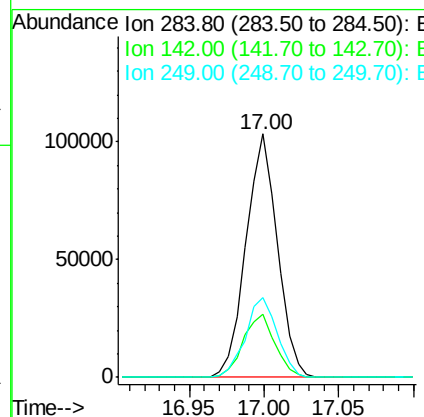
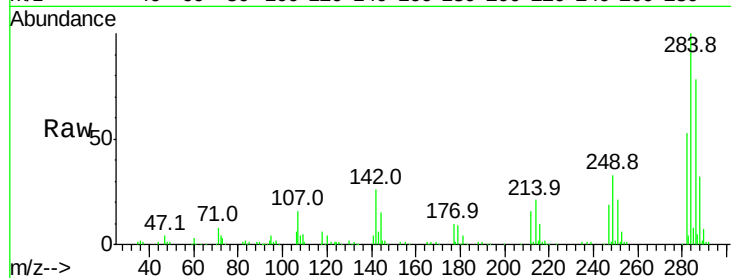
#67
Hexachlorobenzene
Concen: 38.901 ng
RT: 17.00 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	25.7	29.9	44.9#
249	32.8	29.2	43.8

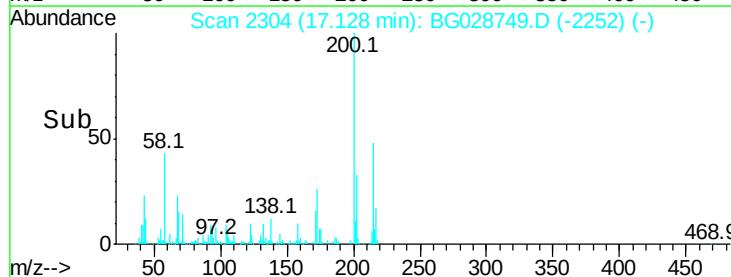
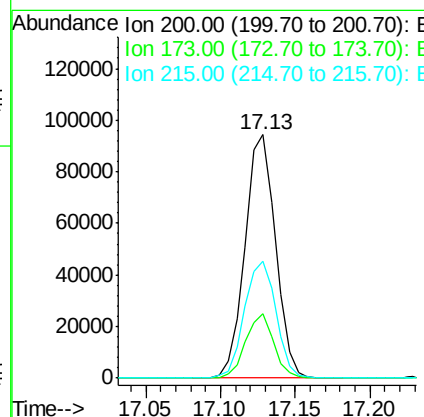
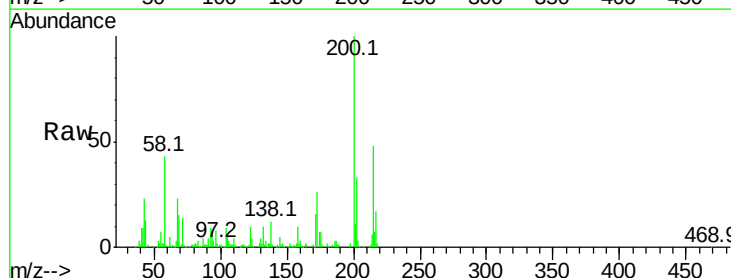
Manual Integrations
APPROVED

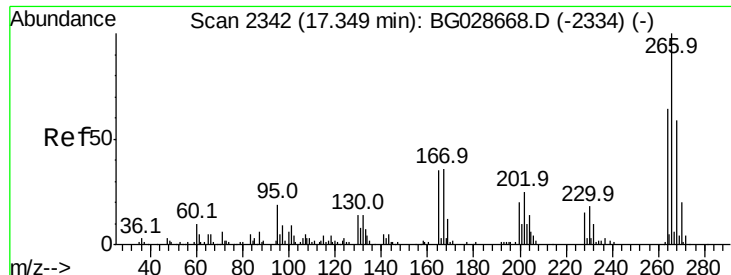
Sohil
9/15/2017 5:46:02 PM



#68
Atrazine
Concen: 41.189 ng
RT: 17.13 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	3.0	43.0
215	48.2	28.4	68.4





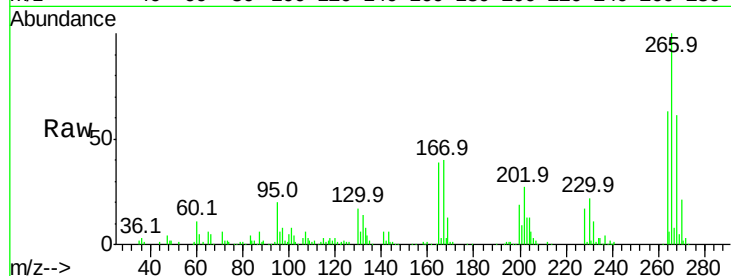
#69
 Pentachlorophenol
 Concen: 78.190 ng
 RT: 17.35 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampled :
 PB102326BSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	60.8	48.6	72.8
264	63.2	50.1	75.1

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:02 PM

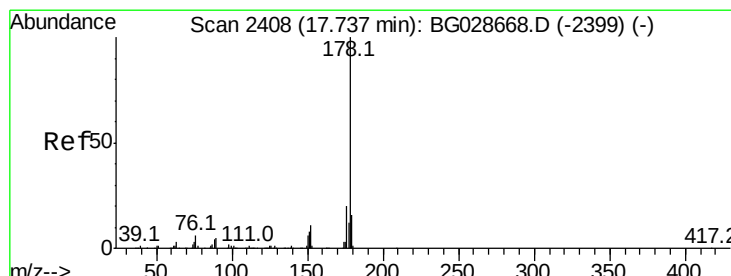
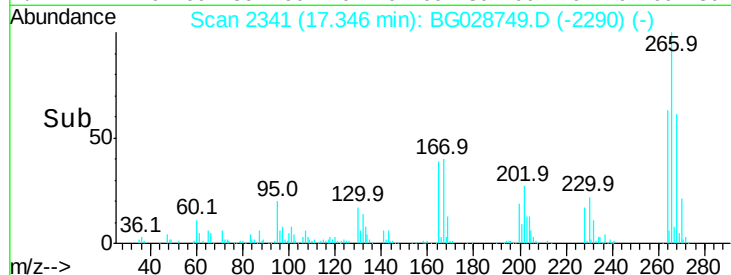
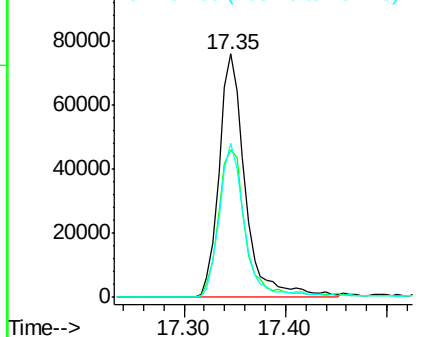


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.259 ng m
 RT: 17.74 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

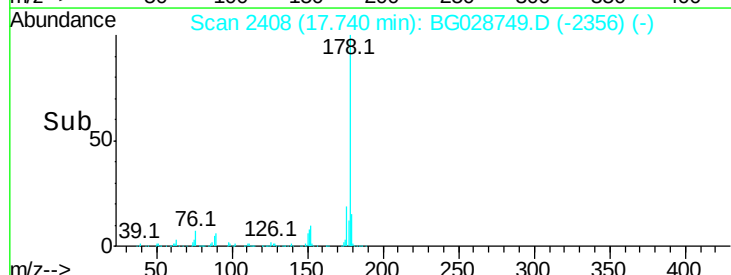
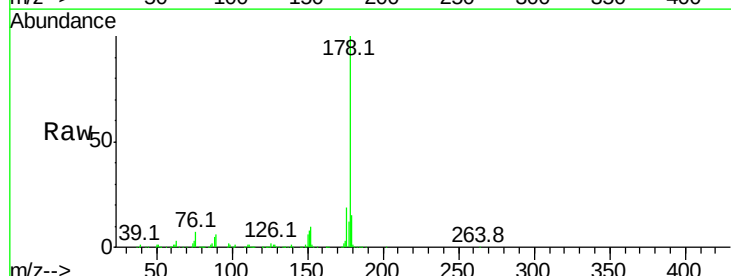
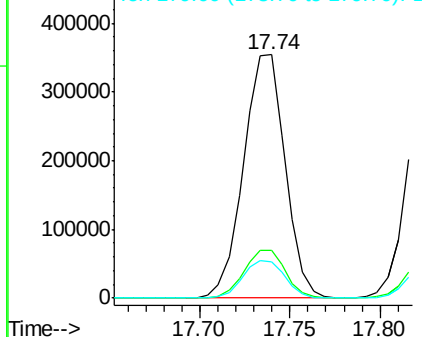
Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	17.7	26.5
179	14.9	15.0	22.6#

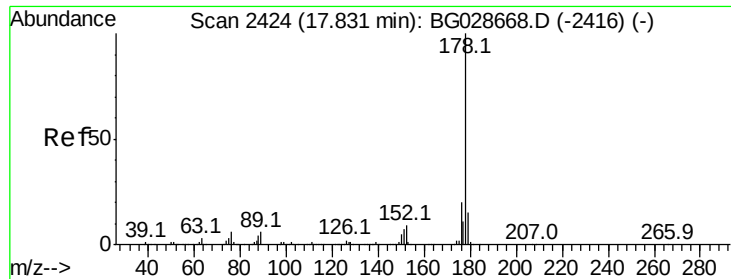
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





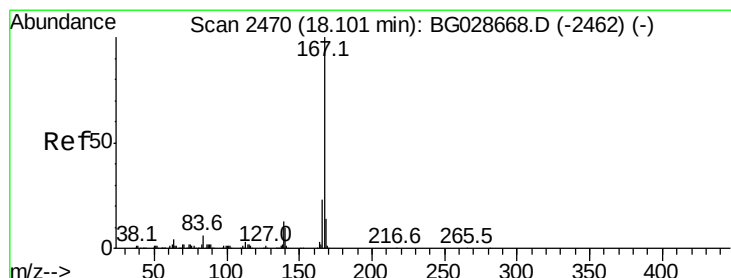
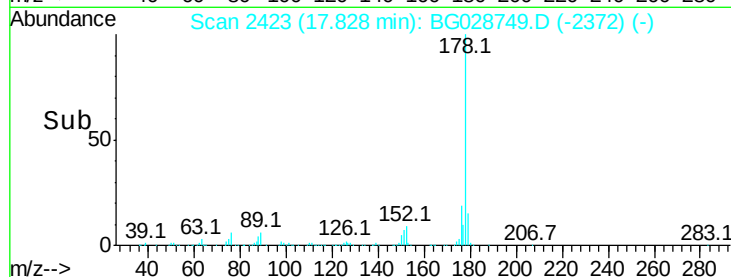
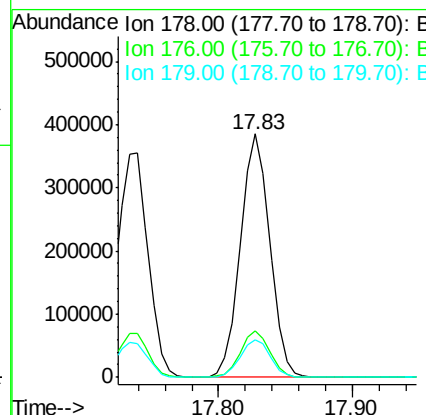
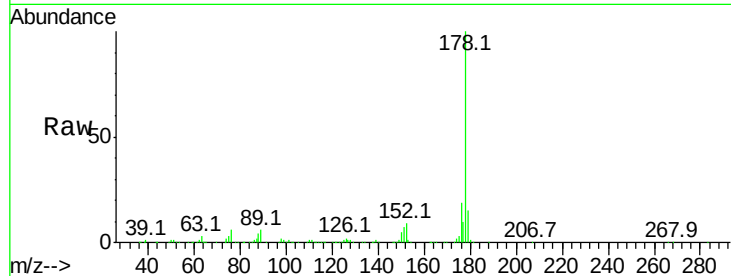
#71
 Anthracene
 Concen: 43.078 ng
 RT: 17.83 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampled :
 PB102326BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.4	13.8	20.8

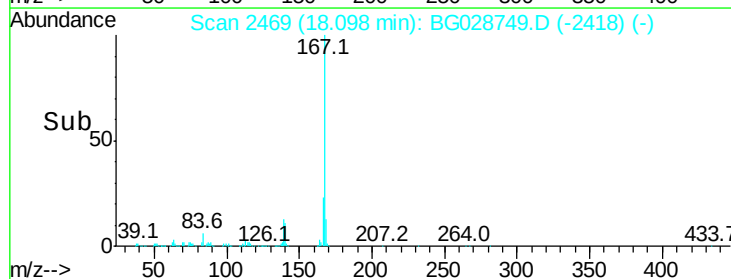
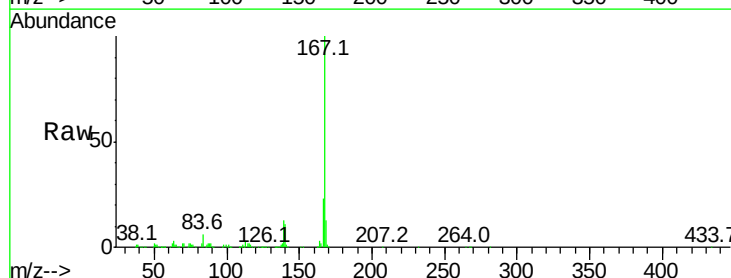
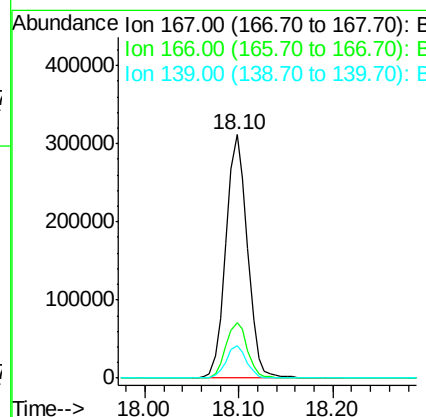
Manual Integrations
 APPROVED

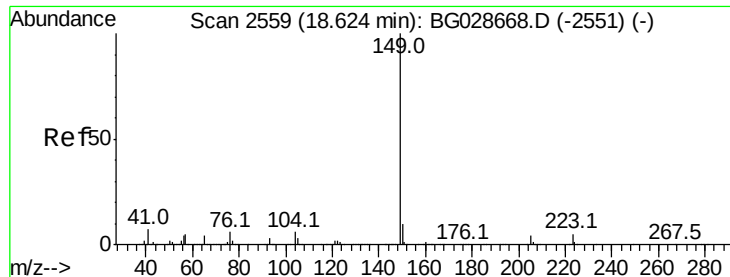
Sohil
 9/15/2017 5:46:02 PM



#72
 Carbazole
 Concen: 40.686 ng
 RT: 18.10 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	20.2	30.2
139	13.1	12.8	19.2





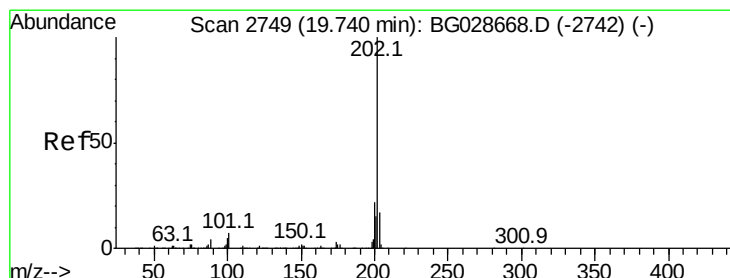
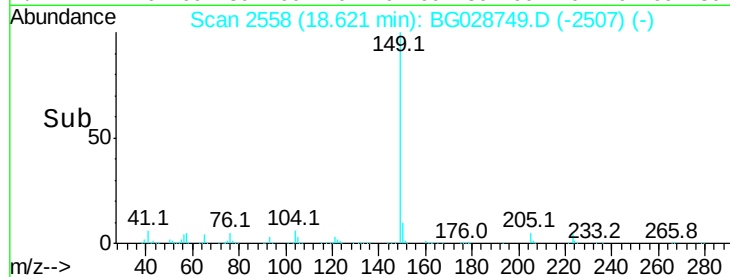
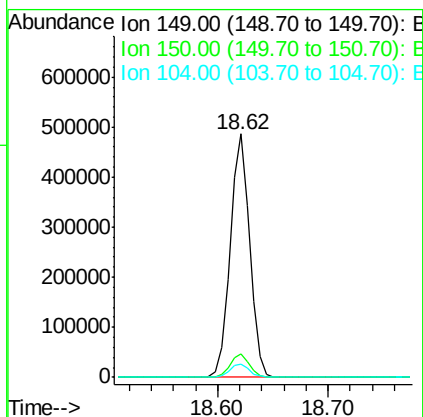
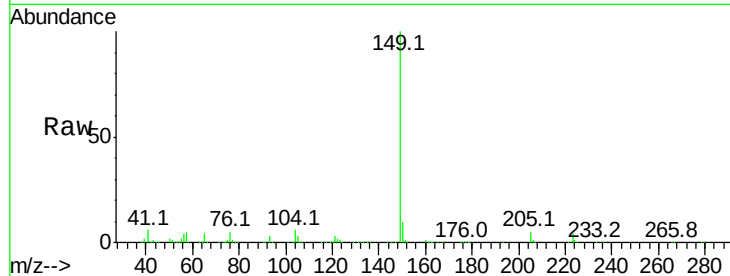
#73
Di-n-butylphthalate
Concen: 39.980 ng
RT: 18.62 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.7	9.1	13.7
104	5.7	6.7	10.1

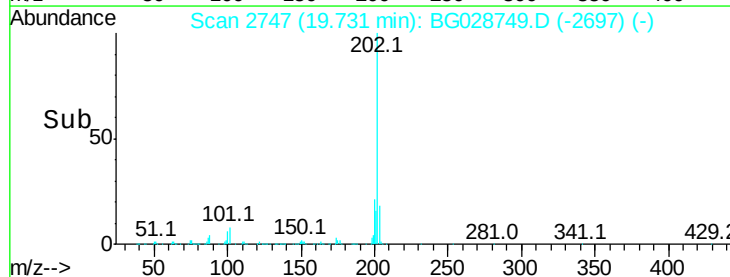
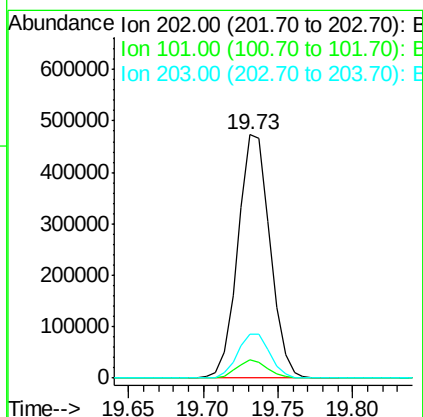
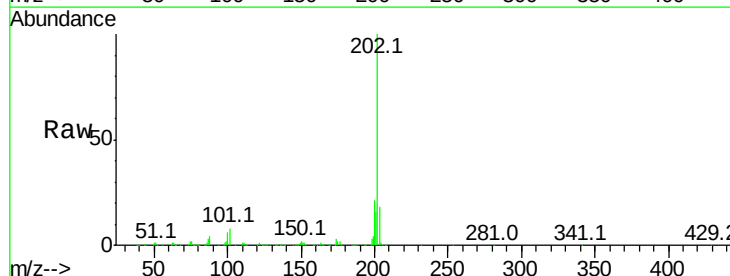
Manual Integrations
APPROVED

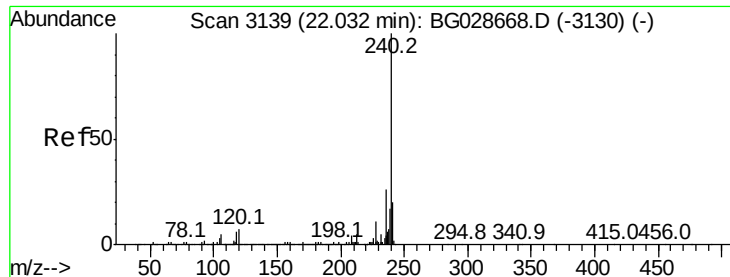
Sohil
9/15/2017 5:46:02 PM



#74
Fluoranthene
Concen: 42.814 ng
RT: 19.73 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	0.0	30.1
203	18.0	1.3	41.3





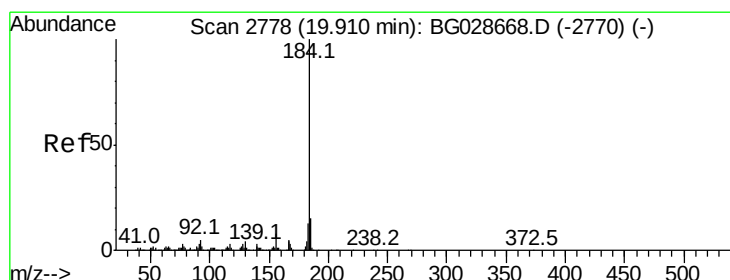
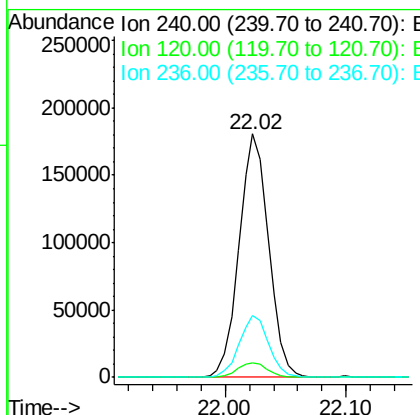
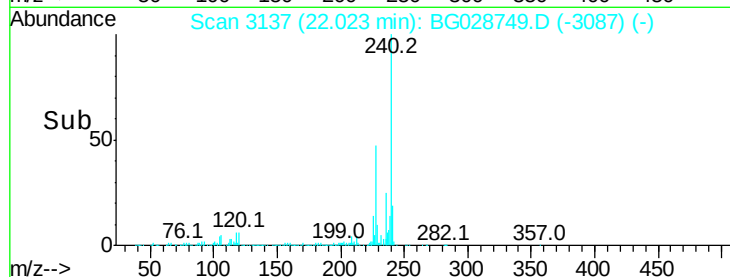
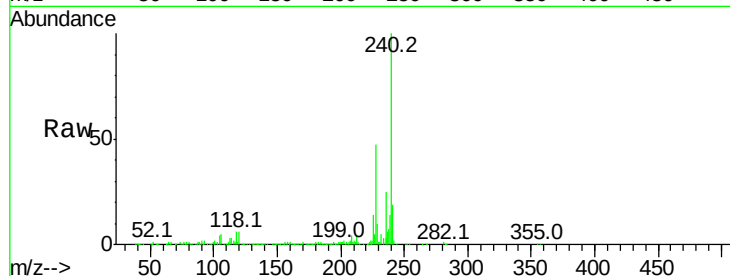
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.02 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleID :
 PB102326BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.2	22.2	33.4

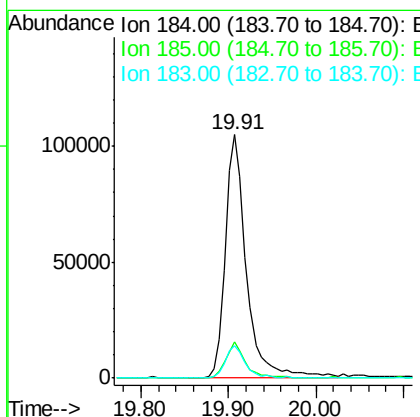
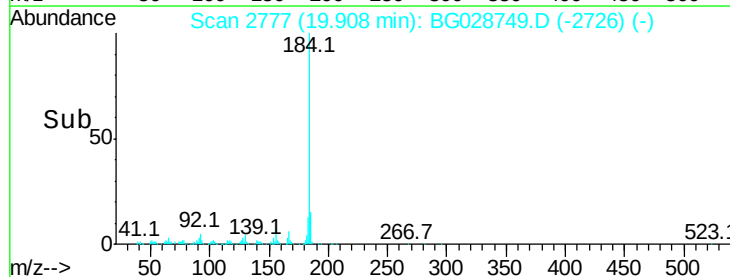
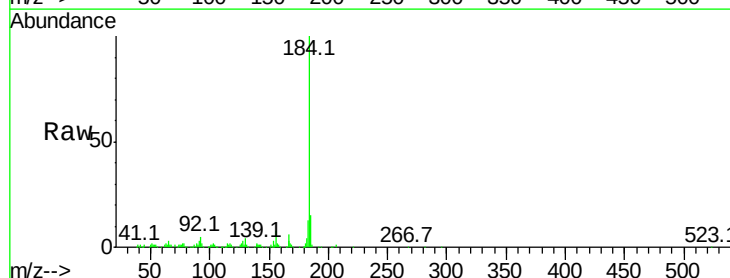
Manual Integrations
 APPROVED

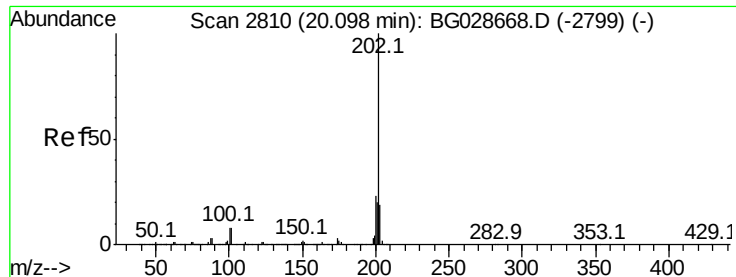
Sohil
 9/15/2017 5:46:02 PM



#76
 Benzidine
 Concen: 21.879 ng
 RT: 19.91 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	13.2	11.0	16.6





#77

Pvrene

Concen: 41.139 ng

RT: 20.10 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

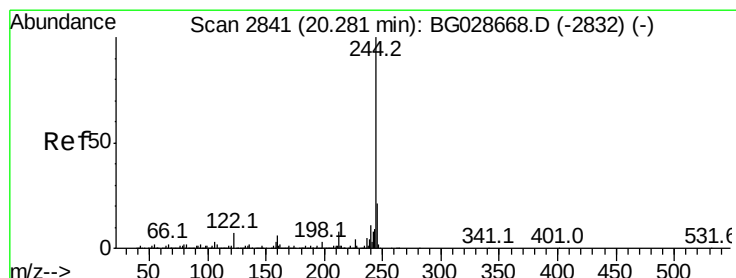
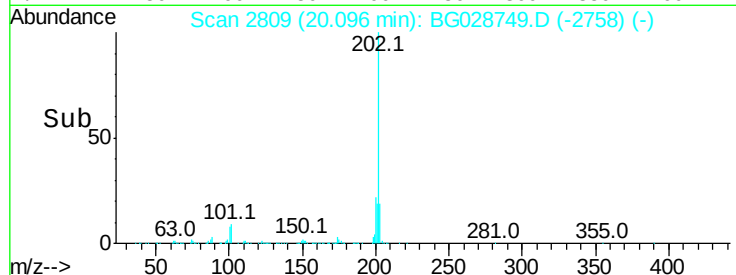
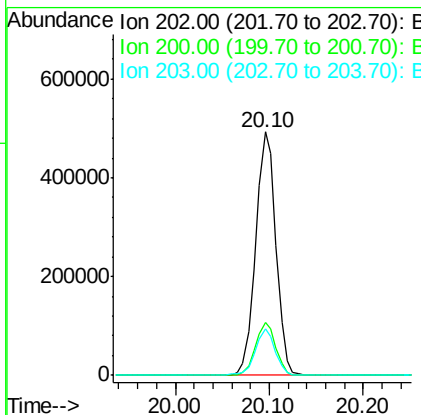
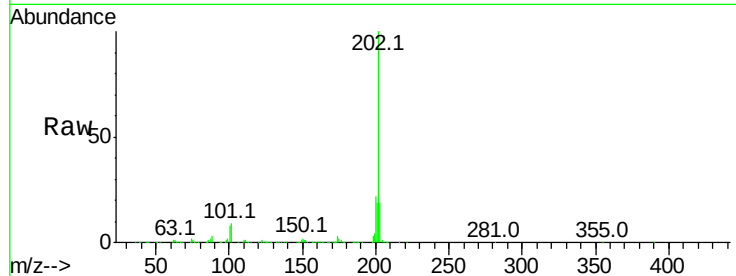
ClientSampleId :

PB102326BSD

Tot Ion:	202	Resp:	730840
Ion Ratio	Lower	Upper	
202	100		
200	21.5	19.6	29.4
203	18.9	15.8	23.8

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#78

Terphenyl-d14

Concen: 80.230 ng

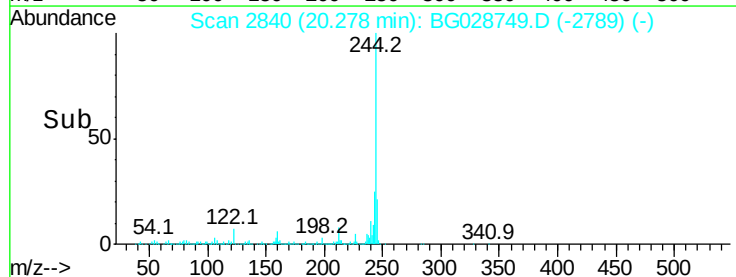
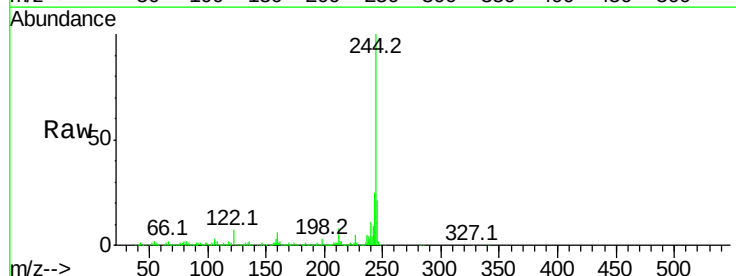
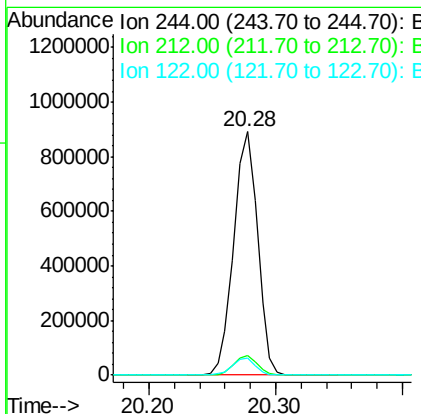
RT: 20.28 min Scan# 2840

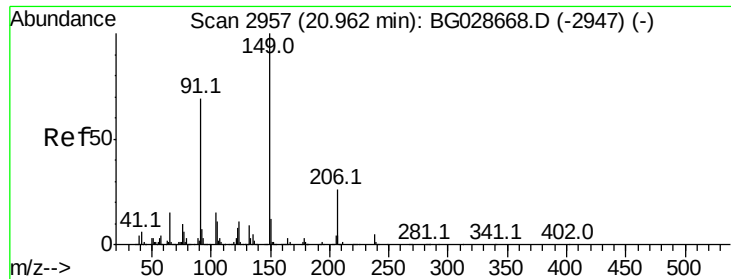
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	244	Resp:	1158728
Ion Ratio	Lower	Upper	
244	100		
212	7.8	10.0	15.0#
122	6.9	8.6	12.8#





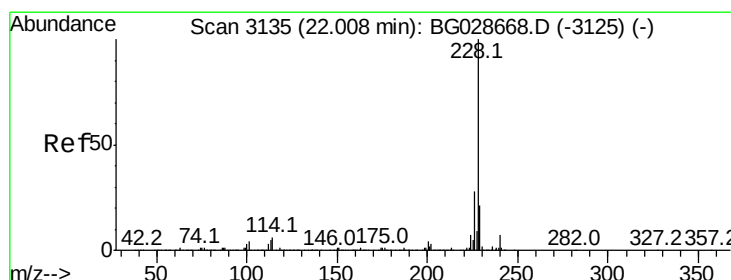
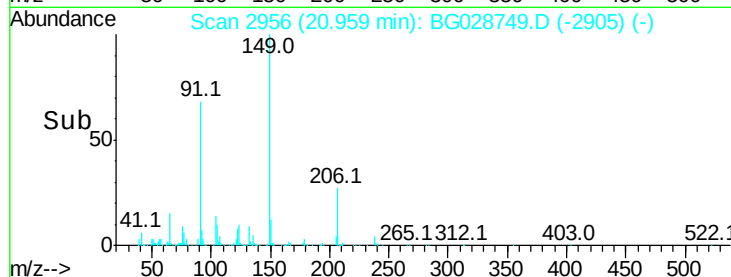
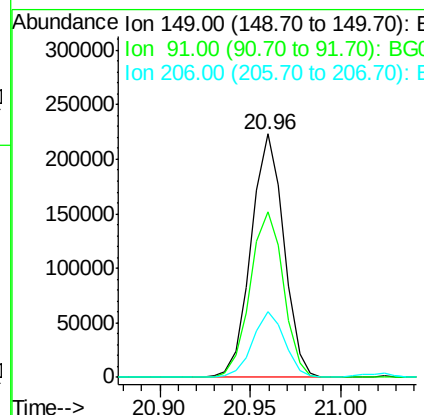
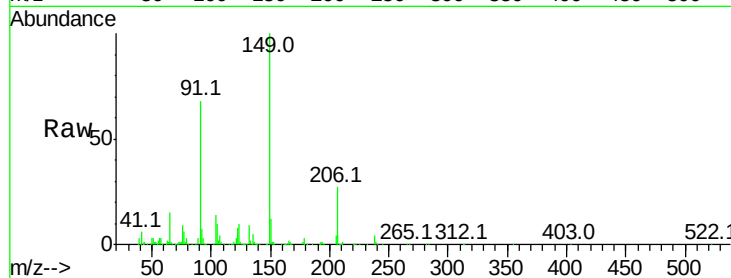
#79
Butylbenzylphthalate
Concen: 39.000 ng
RT: 20.96 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Instrument :
BNA_G
ClientSampleId :
PB102326BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	279819		
91	68.0		63.5	95.3
206	26.8		21.0	31.6

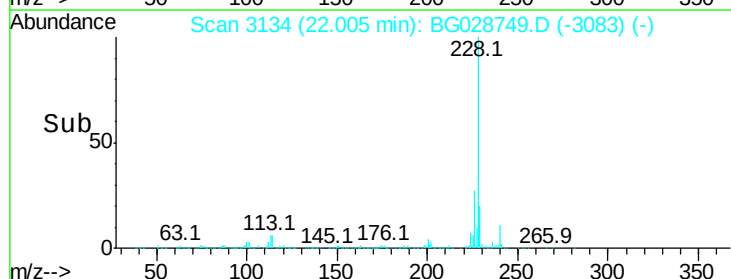
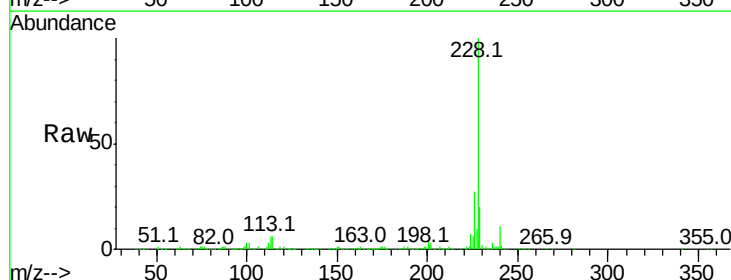
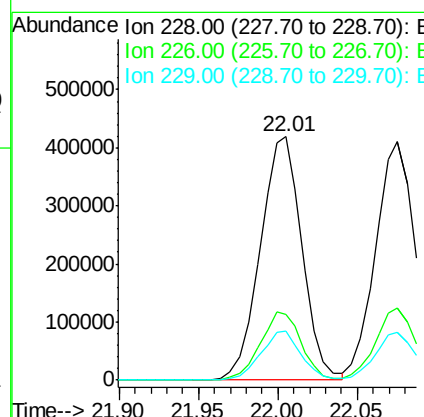
Manual Integrations
APPROVED

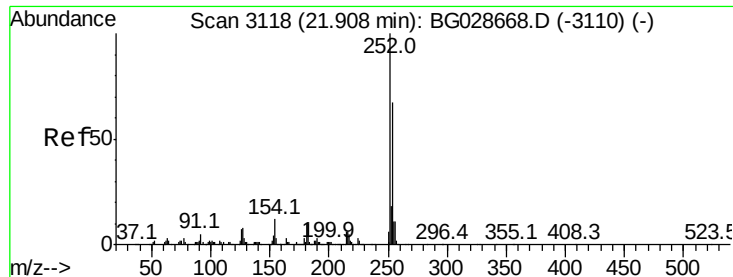
Sohil
9/15/2017 5:46:02 PM



#80
Benzo(a)anthracene
Concen: 41.125 ng
RT: 22.01 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG028749.D
Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	762424		
226	27.1		24.9	37.3
229	19.9		18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 20.178 ng

RT: 21.91 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

ClientSampled :

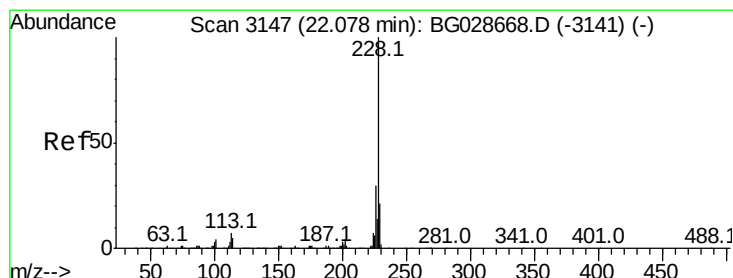
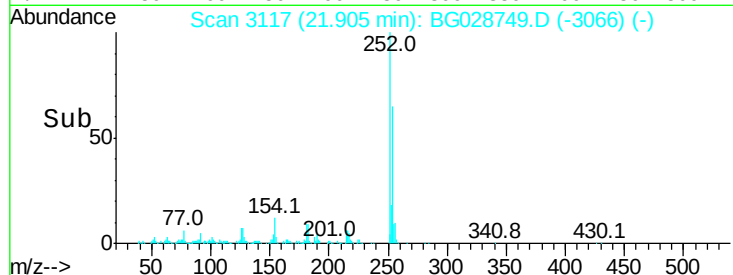
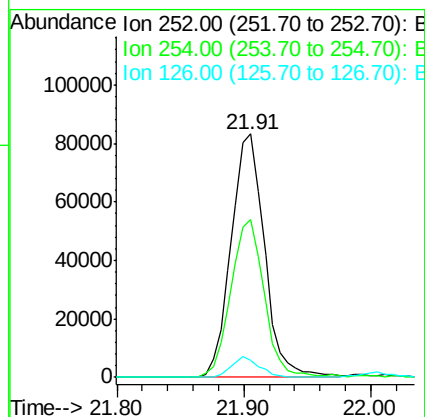
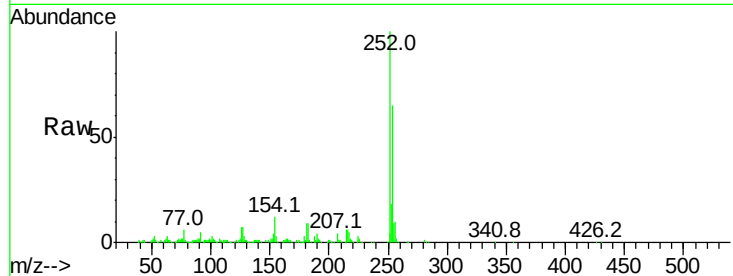
PB102326BSD

Tot Ion:	252	Resp:	151666
Ion Ratio		Lower	Upper
252	100		
254	65.0	53.1	79.7
126	6.9	7.0	10.4

Manual Integrations
APPROVED

Sohil

9/15/2017 5:46:02 PM



#82

Chrysene

Concen: 40.627 ng

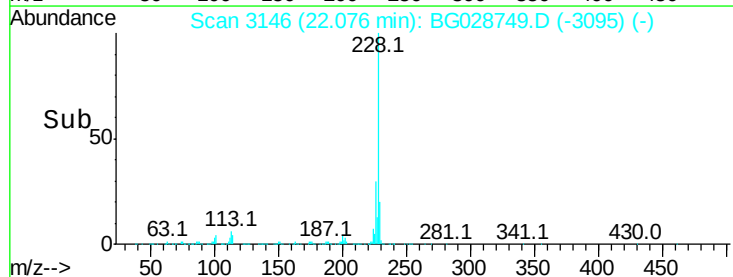
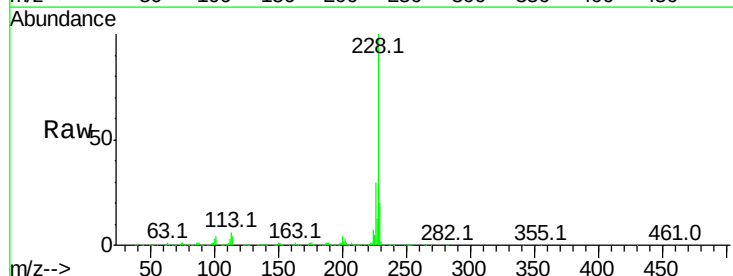
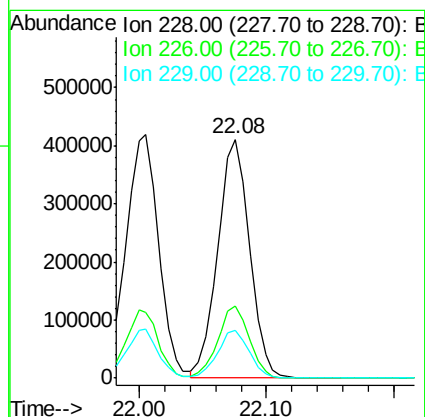
RT: 22.08 min Scan# 3146

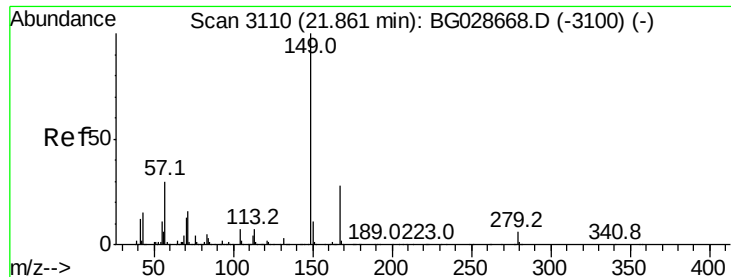
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	228	Resp:	714650
Ion Ratio		Lower	Upper
228	100		
226	30.2	27.0	40.4
229	19.7	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.028 ng

RT: 21.85 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

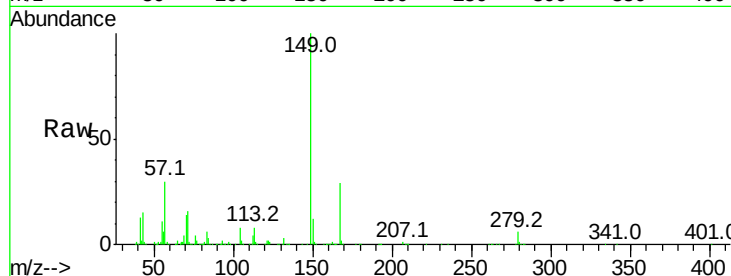
ClientSampleId :

PB102326BSD

Tot Ion:	149	Resp:	387892
Ion Ratio	Lower	Upper	
149	100		
167	28.9	23.7	35.5
279	6.2	4.6	6.8

Manual Integrations
APPROVED

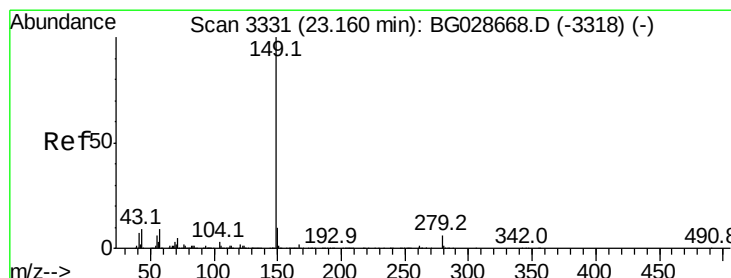
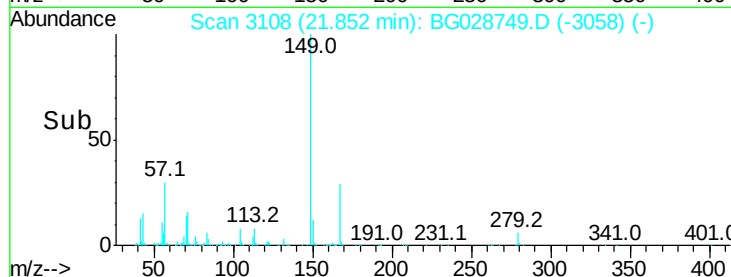
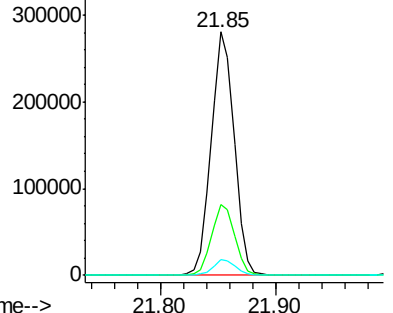
Sohil
9/15/2017 5:46:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.355 ng

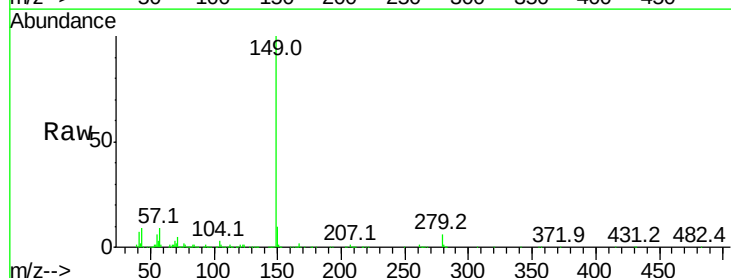
RT: 23.15 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

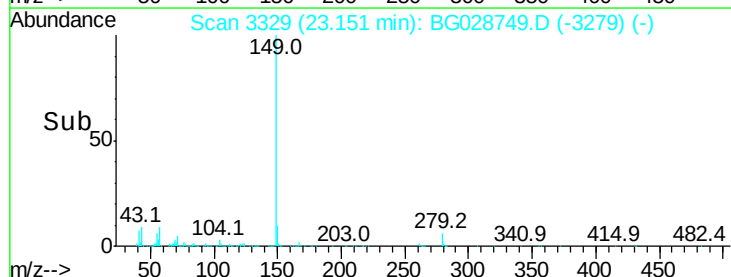
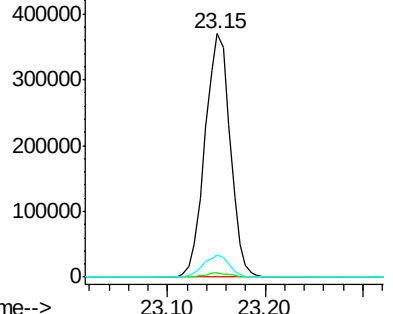
Tgt Ion:	149	Resp:	665722
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	9.2	11.8	17.6#

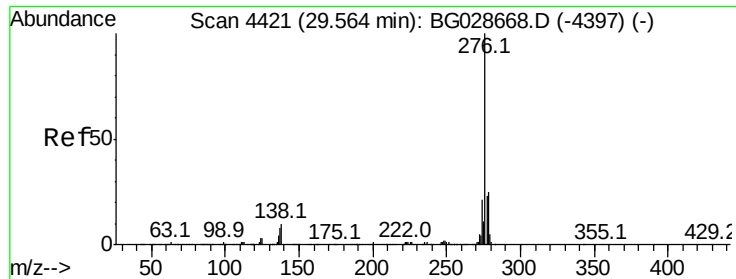


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





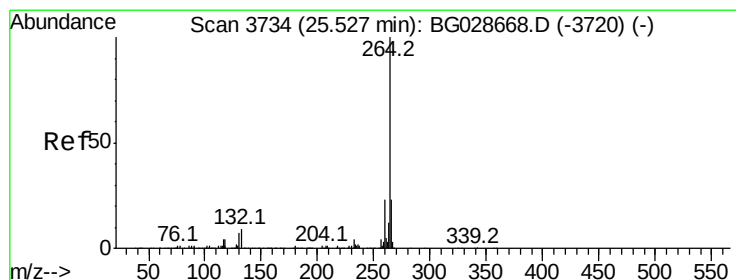
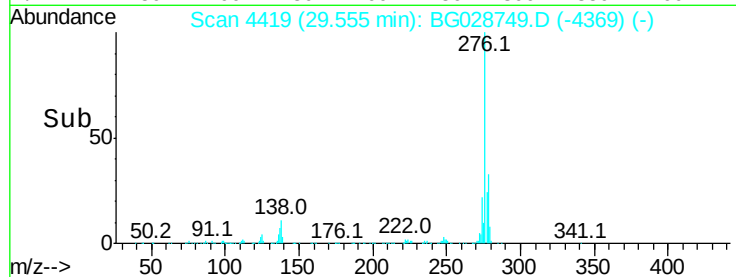
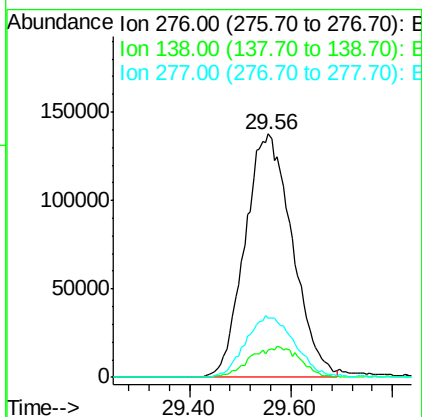
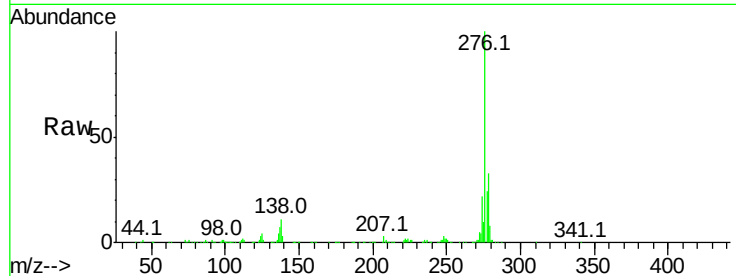
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.560 ng
 RT: 29.56 min Scan# 4419
 Delta R.T. -0.01 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	4.7	7.1#
277	26.0	20.6	31.0

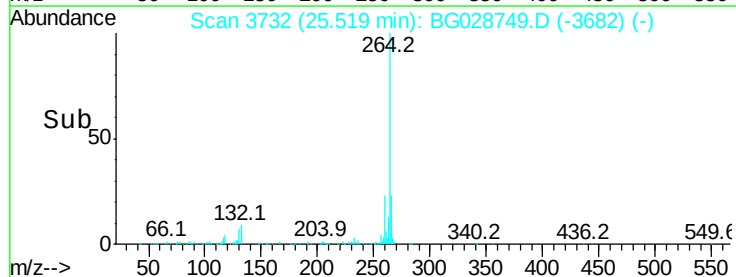
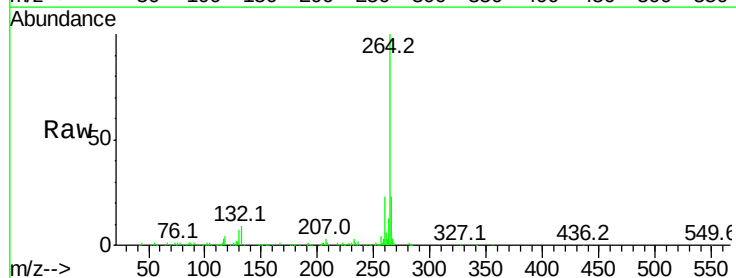
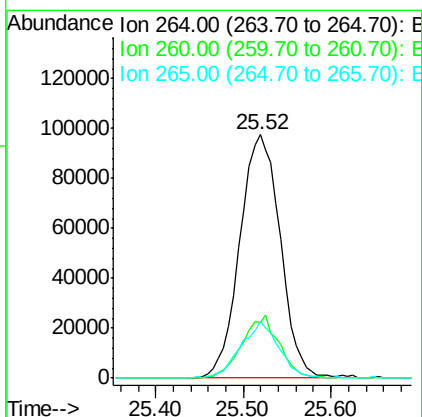
Manual Integrations
 APPROVED

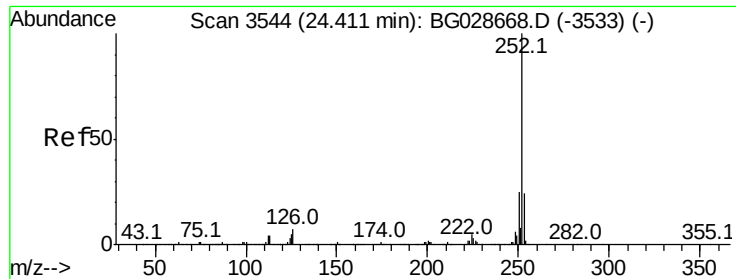
Sohil
 9/15/2017 5:46:02 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	23.5	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 41.705 ng/mL

RT: 24.40 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

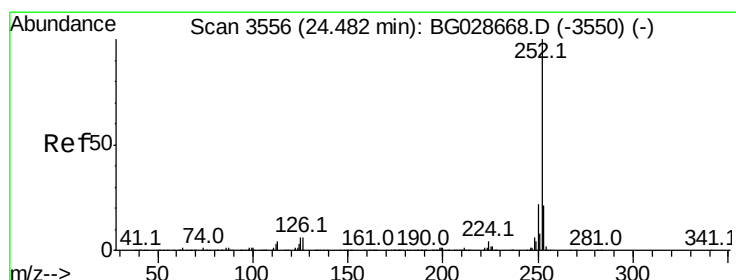
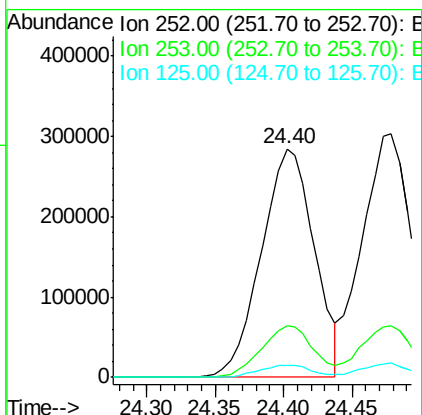
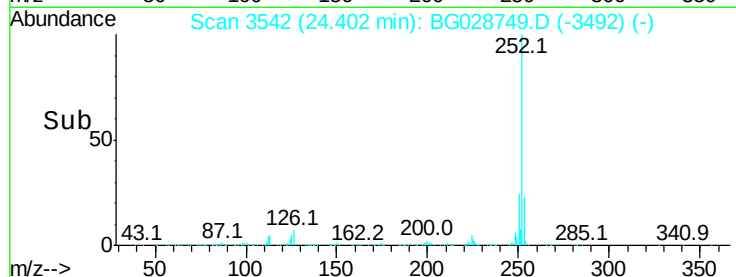
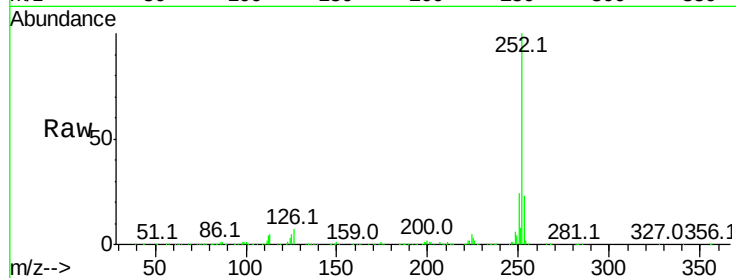
ClientSampleId :

PB102326BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	5.3	5.3	7.9

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#88

Benzo(k)fluoranthene

Concen: 41.798 ng/mL

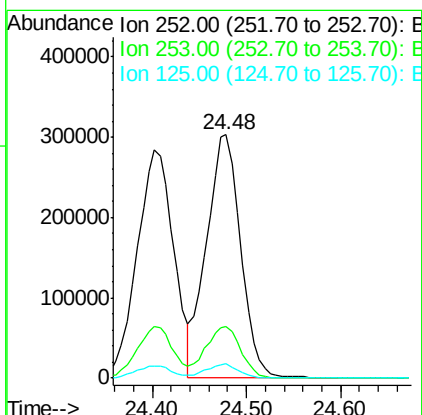
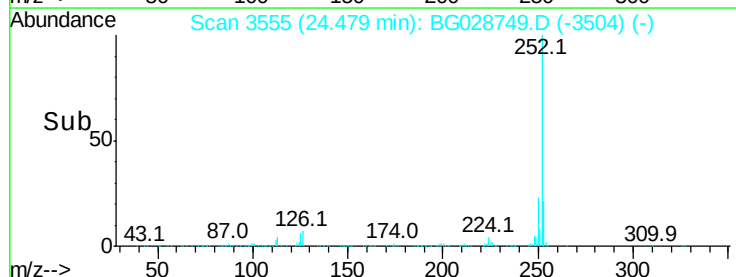
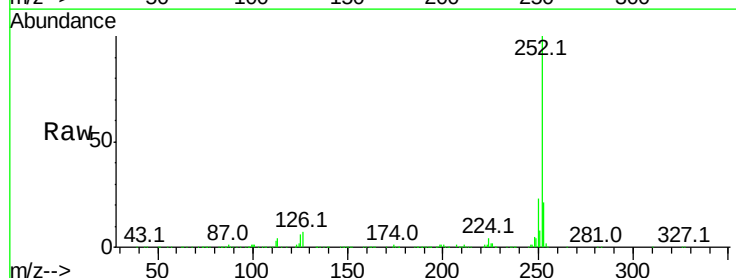
RT: 24.48 min Scan# 3555

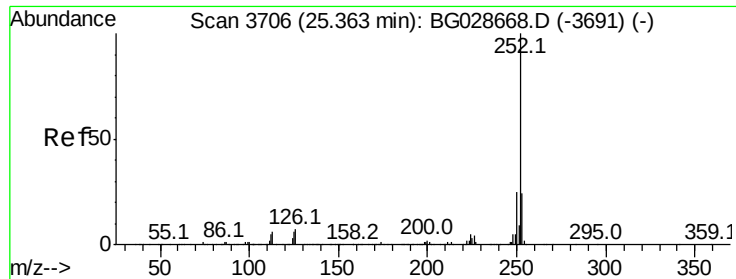
Delta R.T. -0.00 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	20.2	30.2
125	6.1	5.1	7.7





#89

Benzo(a)pyrene

Concen: 42.585 ng

RT: 25.35 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Instrument :

BNA_G

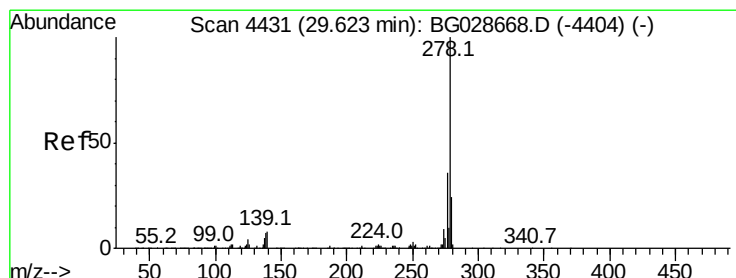
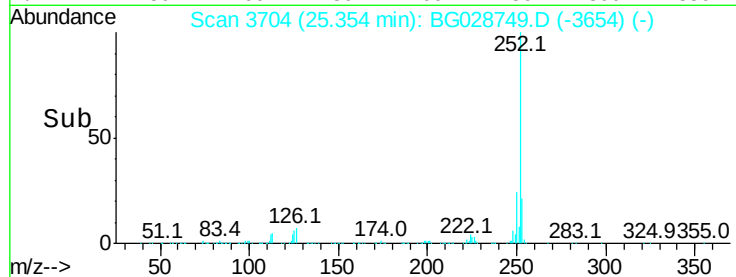
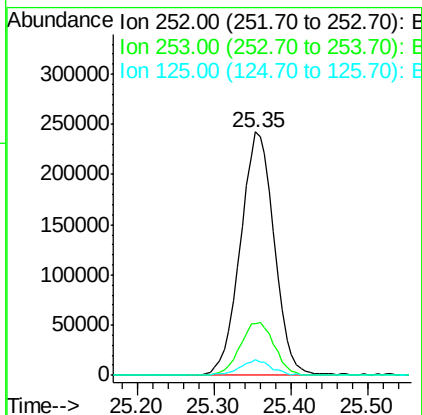
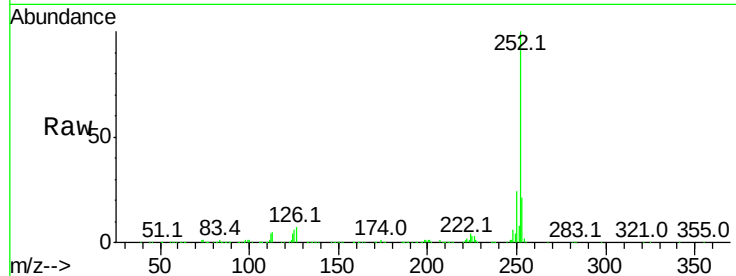
ClientSampleId :

PB102326BSD

Tot Ion:	252	Resp:	742468
Ion Ratio	Lower	Upper	
252	100		
253	21.4	19.2	28.8
125	6.4	5.4	8.0

Manual Integrations
APPROVED

Sohil
9/15/2017 5:46:02 PM



#90

Dibenzo(a,h)anthracene

Concen: 41.074 ng

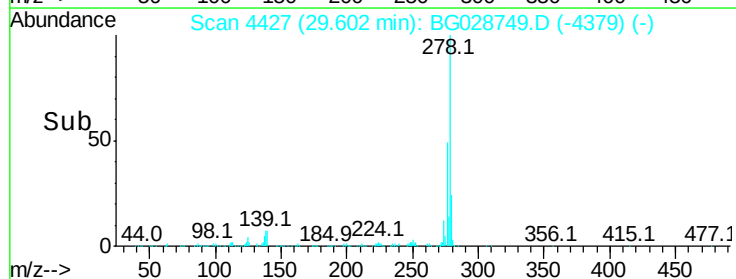
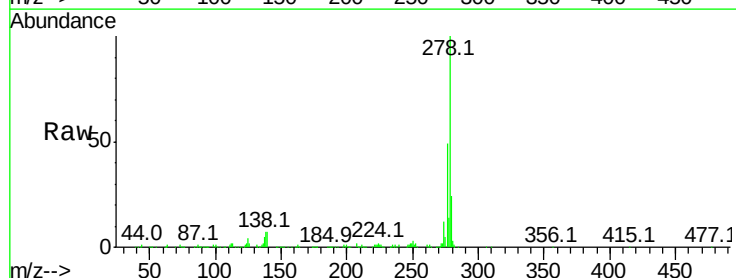
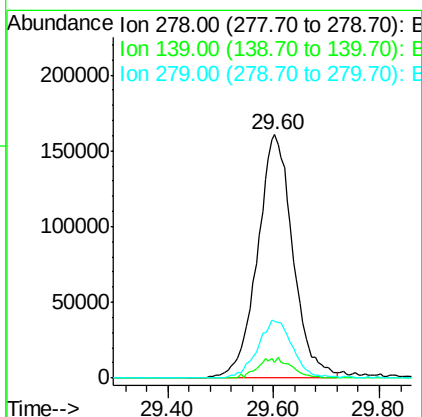
RT: 29.60 min Scan# 4427

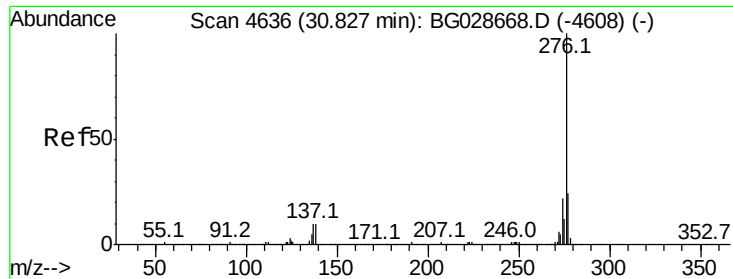
Delta R.T. -0.02 min

Lab File: BG028749.D

Acq: 15 Sep 2017 2:01

Tgt Ion:	278	Resp:	746615
Ion Ratio	Lower	Upper	
278	100		
139	6.6	7.7	11.5#
279	23.6	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 41.758 ng
 RT: 30.81 min Scan# 4632
 Delta R.T. -0.02 min
 Lab File: BG028749.D
 Acq: 15 Sep 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 PB102326BSD

Tot Ion:	276	Resp:	740630
Ion Ratio		Lower	Upper
276	100		
277	25.3	18.6	27.8
138	11.8	8.1	12.1

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:02 PM

