

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042271.D
 Acq On : 16 Aug 2019 22:26
 Operator : HP/JU
 Sample : K4231-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Manual Integrations
 APPROVED

Jagrut
 8/20/2019 9:52:02 AM

Quant Time: Aug 19 16:18:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55246	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	214400	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	162584	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	384656	20.00	ng	0.00
76) Chrysene-d12	21.71	240	408051	20.00	ng	0.00
87) Perylene-d12	24.97	264	493848	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	390253	137.44	ng	0.00
7) Phenol-d6	7.18	99	503351	131.49	ng	0.01
23) Nitrobenzene-d5	9.18	82	317066	101.77	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	337785	182.91	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	957478	103.87	ng	0.00
79) Terphenyl-d14	20.04	244	1755983	98.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	44655	33.412	ng	# 47
3) Pyridine	3.85	79	84058	22.936	ng	# 76
4) n-Nitrosodimethylamine	3.75	42	45220	31.125	ng	# 71
6) Aniline	7.33	93	58456	10.845	ng	89
8) 2-Chlorophenol	7.58	128	161457	49.656	ng	87
9) Benzaldehyde	7.14	77	34663	12.869	ng	92
10) Phenol	7.20	94	167080	41.953	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	134313	41.023	ng	86
12) 1,3-Dichlorobenzene	7.90	146	154912	36.504	ng	# 95
13) 1,4-Dichlorobenzene	8.05	146	159414	37.542	ng	94
14) 1,2-Dichlorobenzene	8.37	146	151869	37.482	ng	94
15) Benzyl Alcohol	8.26	79	119869	39.801	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	168203	28.877	ng	90
17) 2-Methylphenol	8.46	107	130888	45.191	ng	96
18) Hexachloroethane	9.11	117	52358	36.007	ng	# 81
19) n-Nitroso-di-n-propylamine	8.83	70	105368	37.912	ng	# 81
20) 3+4-Methylphenols	8.80	107	180306	45.491	ng	98
22) Acetophenone	8.84	105	223167	46.536	ng	# 87
24) Nitrobenzene	9.22	77	150689	45.910	ng	92
25) Isophorone	9.75	82	307260	45.336	ng	95
26) 2-Nitrophenol	9.94	139	96826	63.562	ng	# 88
27) 2,4-Dimethylphenol	10.01	122	156647	58.264	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	188558	44.521	ng	99
29) 2,4-Dichlorophenol	10.49	162	188334	57.523	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	190194	45.809	ng	98
31) Naphthalene	10.89	128	467399	47.633	ng	96
32) Benzoic acid	10.12	122	9569m	12.805	ng	
33) 4-Chloroaniline	11.01	127	14507	3.118	ng	# 90
34) Hexachlorobutadiene	11.18	225	117311	41.865	ng	98
35) Caprolactam	11.77	113	48548m	42.667	ng	
36) 4-Chloro-3-methylphenol	12.13	107	177261	54.609	ng	94
37) 2-Methylnaphthalene	12.50	142	388500	50.020	ng	98
38) 1-Methylnaphthalene	12.71	142	365053	49.596	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	237739	46.195	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042271.D
 Acq On : 16 Aug 2019 22:26
 Operator : HP/JU
 Sample : K4231-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

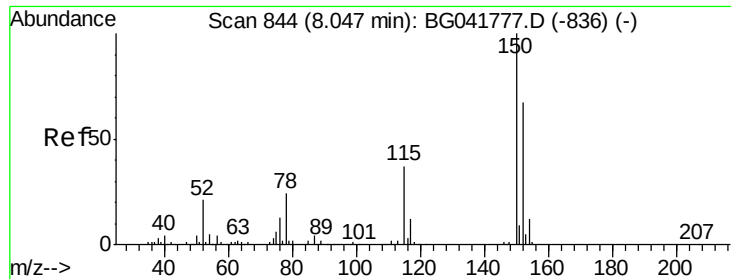
Manual Integrations
 APPROVED

Jagrut
 8/20/2019 9:52:02 AM

Quant Time: Aug 19 16:18:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	245504	84.847	nq	97
43) 2,4,6-Trichlorophenol	13.11	196	173879	53.456	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	191543	56.665	nq	94
46) 1,1'-Biphenyl	13.51	154	511884	48.978	nq	94
47) 2-Chloronaphthalene	13.55	162	419310	47.123	nq	94
48) 2-Nitroaniline	13.75	65	100375	44.477	nq #	70
49) Acenaphthylene	14.40	152	672947	50.558	nq	97
50) Dimethylphthalate	14.13	163	570958	51.420	nq	99
51) 2,6-Dinitrotoluene	14.24	165	136283	58.697	nq #	77
52) Acenaphthene	14.74	154	399747	46.176	nq	99
53) 3-Nitroaniline	14.58	138	36685	14.769	nq #	85
54) 2,4-Dinitrophenol	14.79	184	90352	68.027	nq #	78
55) Dibenzofuran	15.07	168	670331	50.624	nq	93
56) 4-Nitrophenol	14.89	139	214043	113.522	nq #	82
57) 2,4-Dinitrotoluene	15.04	165	191686	60.033	nq #	83
58) Fluorene	15.72	166	546525	51.432	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	184510	55.113	nq #	91
60) Diethylphthalate	15.49	149	551545	50.594	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	318014	49.022	nq	92
62) 4-Nitroaniline	15.74	138	121694	45.232	nq	91
63) Azobenzene	16.01	77	384231	43.147	nq	86
65) 4,6-Dinitro-2-methylphenol	15.81	198	86028	46.024	nq	81
66) n-Nitrosodiphenylamine	15.93	169	513746	49.032	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	222019	46.857	nq	96
68) Hexachlorobenzene	16.74	284	233577	47.121	nq #	90
69) Atrazine	16.88	200	192476	46.754	nq	99
70) Pentachlorophenol	17.08	266	264780	94.028	nq	99
71) Phenanthrene	17.47	178	926237	50.236	nq	95
72) Anthracene	17.56	178	941841	51.219	nq	94
73) Carbazole	17.83	167	855175	51.815	nq	94
74) Di-n-butylphthalate	18.38	149	970747	51.881	nq #	95
75) Fluoranthene	19.48	202	1188279	53.021	nq	91
78) Pyrene	19.84	202	1193262	49.356	nq	92
80) Butylbenzylphthalate	20.72	149	470407	50.749	nq #	86
81) Benzo(a)anthracene	21.69	228	1173880	48.624	nq	93
82) 3,3'-Dichlorobenzidine	21.60	252	173710	17.921	nq #	98
83) Chrysene	21.76	228	1144030	49.435	nq	93
84) Bis(2-ethylhexyl)phthalate	21.60	149	654460	51.185	nq #	97
85) Di-n-octyl phthalate	22.82	149	1128012	52.421	nq #	85
86) Indeno(1,2,3-cd)pyrene	28.70	276	1557083	50.827	nq #	94
88) Benzo(b)fluoranthene	23.94	252	1295795	47.965	nq #	96
89) Benzo(k)fluoranthene	24.00	252	1272100	48.339	nq #	96
90) Benzo(a)pyrene	24.82	252	1281786	49.471	nq #	95
91) Dibenzo(a,h)anthracene	28.76	278	1280545	50.333	nq #	95
92) Benzo(g,h,i)perylene	29.85	276	1298659	51.092	nq #	94

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



#1

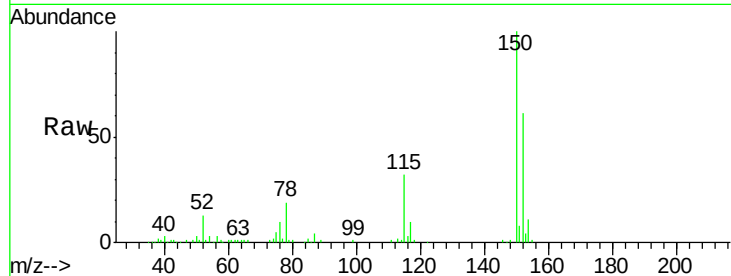
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

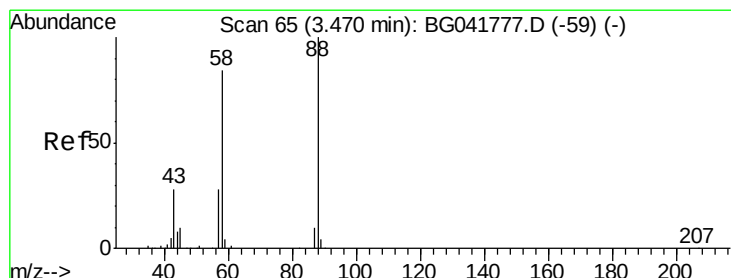
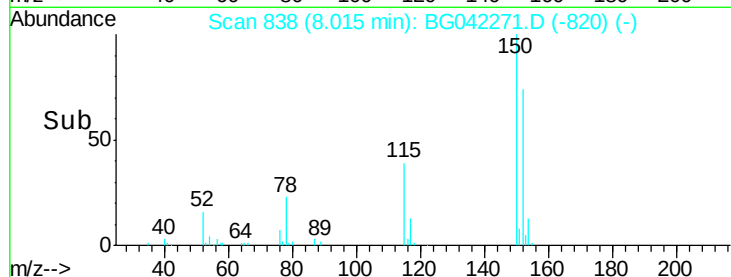
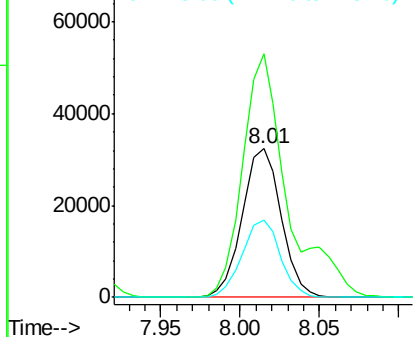
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.9	190.3
115	51.9	45.0	67.6

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



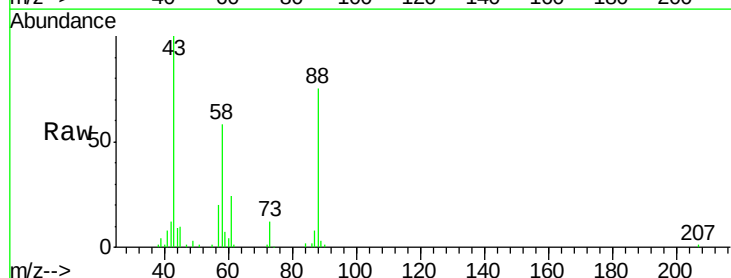
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



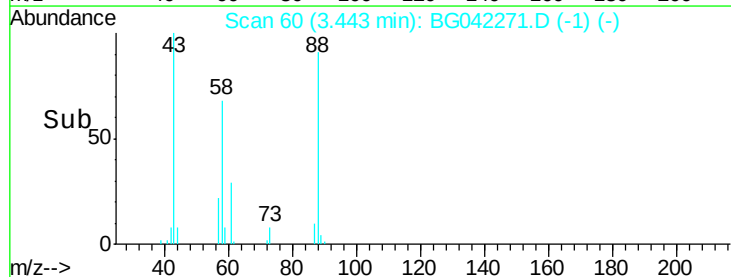
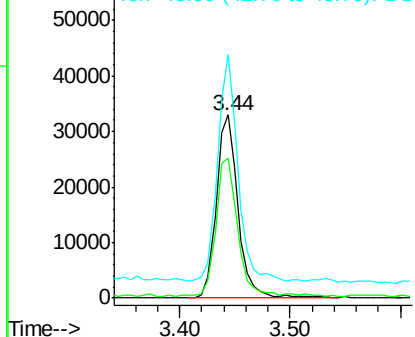
#2

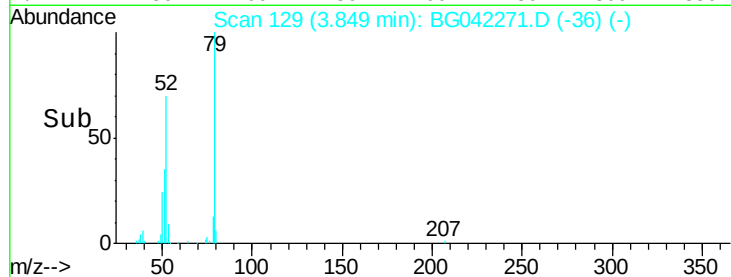
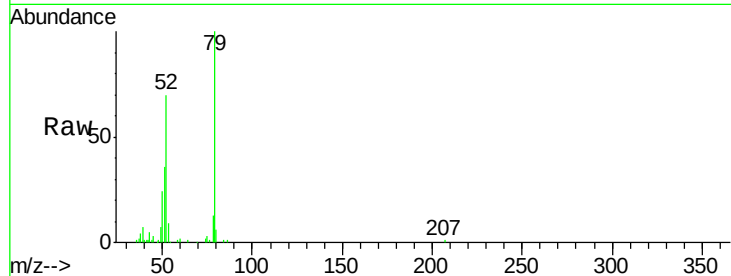
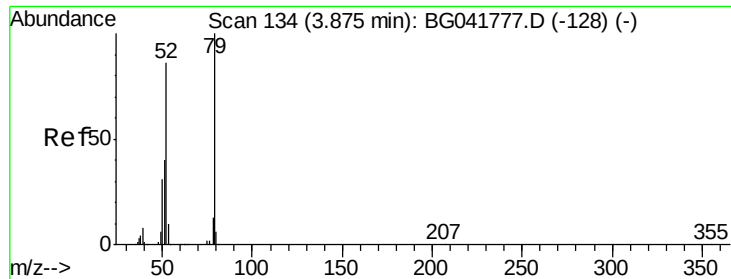
1,4-Dioxane
Concen: 33.412 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	76.2	114.2#
43	115.9	27.2	40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





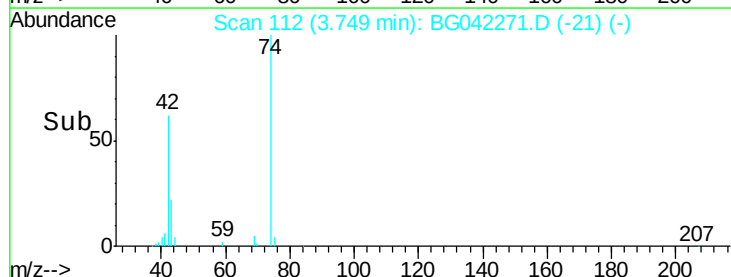
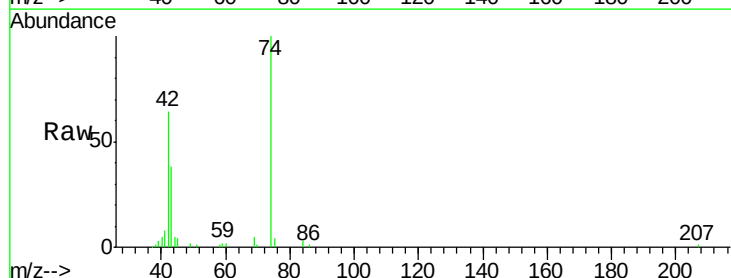
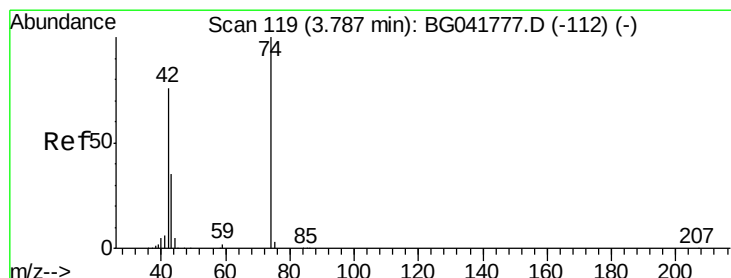
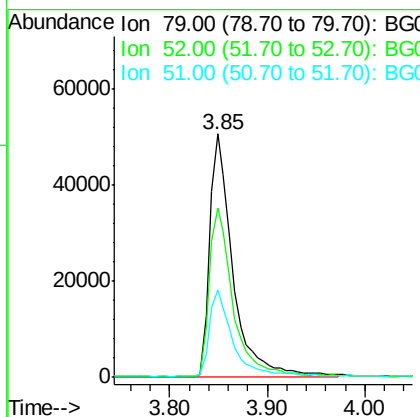
#3
 Pvridine
 Concen: 22.936 ng
 RT: 3.85 min Scan# 129
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.7	77.1	115.7#
51	36.0	37.8	56.8#

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

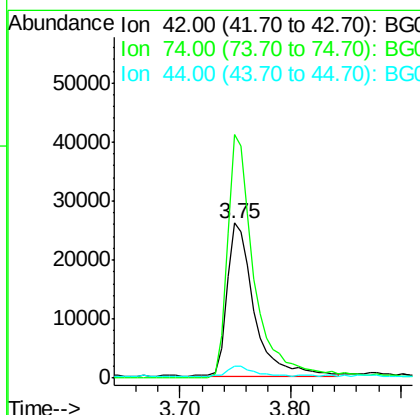
Manual Integrations
 APPROVED

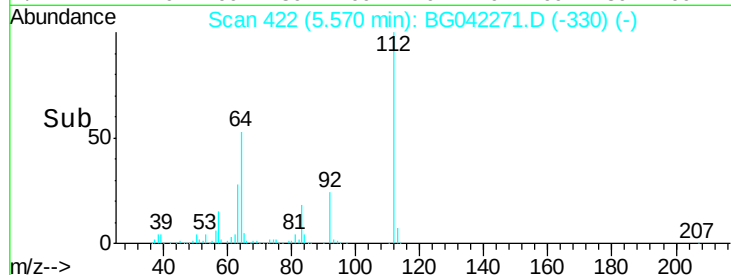
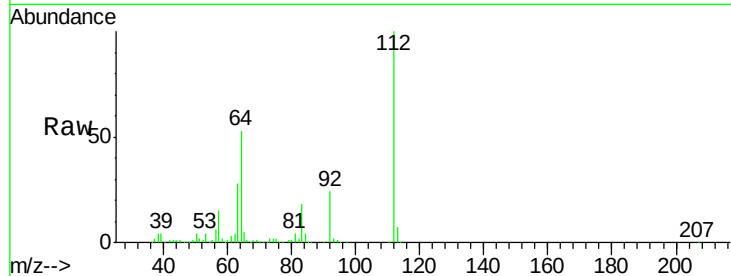
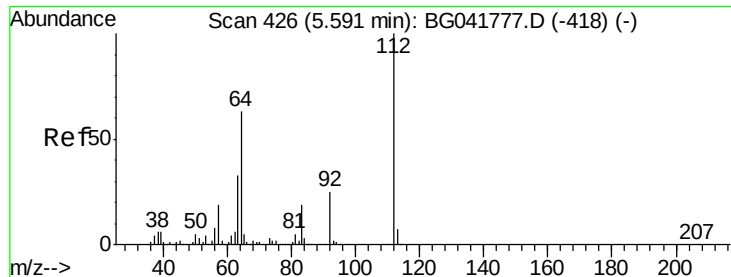
Jagrut
 8/20/2019 9:52:02 AM



#4
 n-Nitrosodimethylamine
 Concen: 31.125 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.8	97.4	146.2#
44	8.0	6.6	9.8





#5

2-Fluorophenol

Concen: 137.437 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

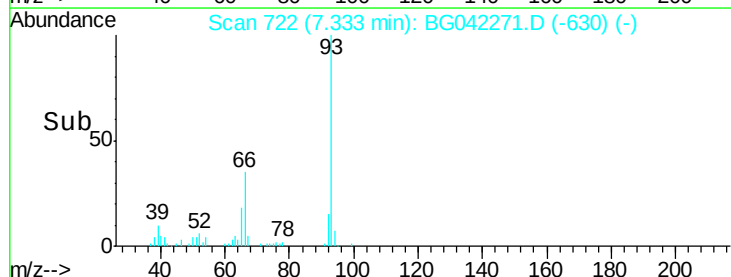
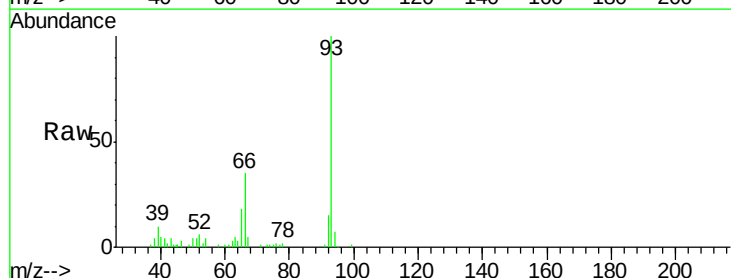
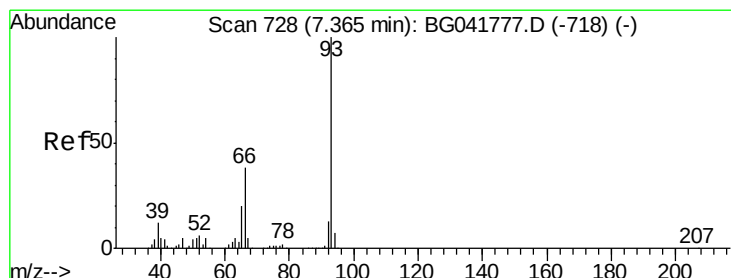
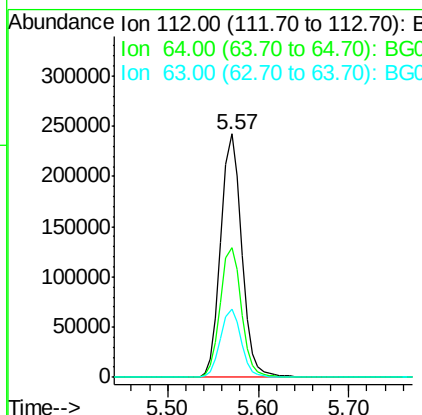
ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.1	55.4	83.2#
63	27.8	29.1	43.7#

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#6

Aniline

Concen: 10.845 ng

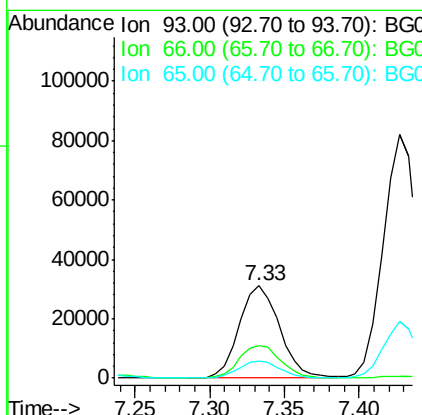
RT: 7.33 min Scan# 722

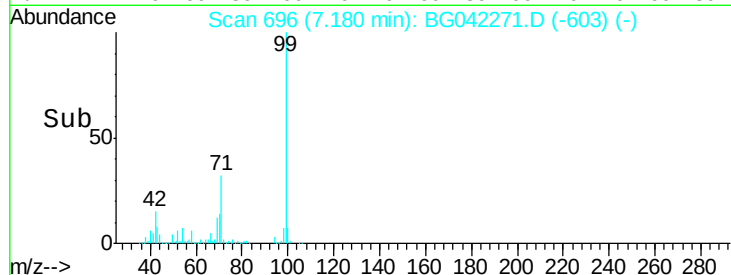
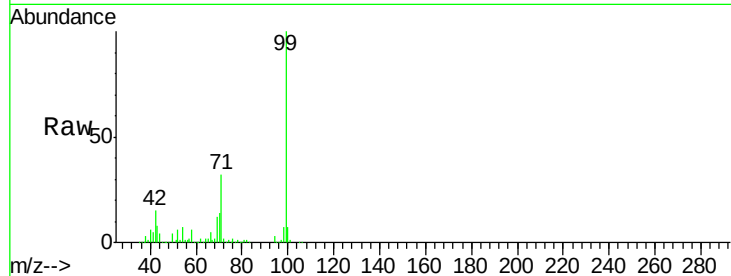
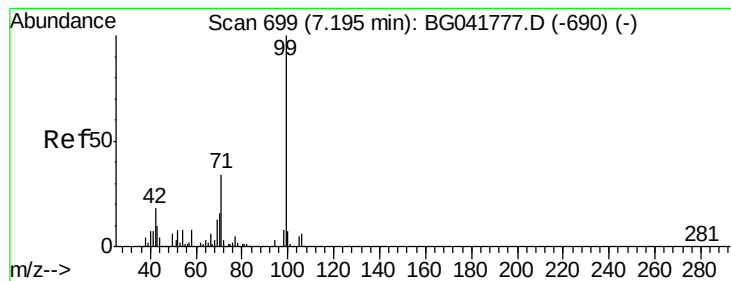
Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	35.2	34.2	51.2
65	18.4	18.2	27.2





#7

Phenol-d6

Concen: 131.488 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		503351		
42	14.6	17.6	26.4#		
71	32.1	27.8	41.6		

Instrument :

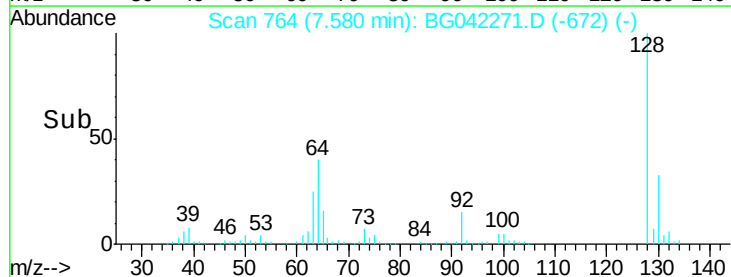
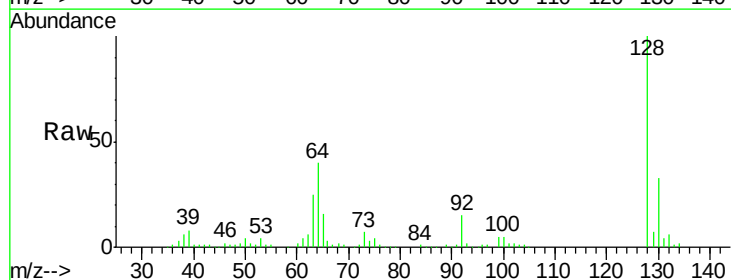
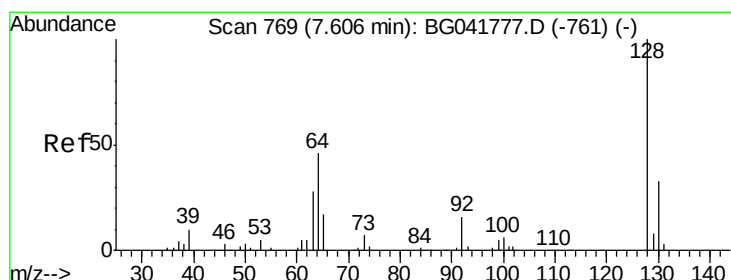
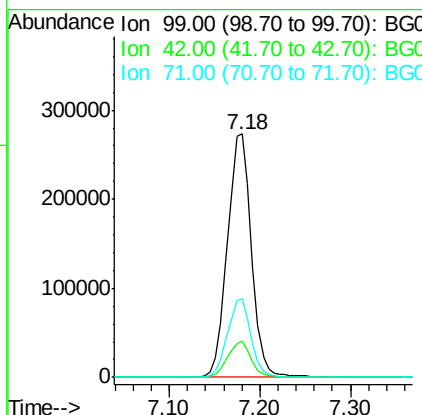
BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#8

2-Chlorophenol

Concen: 49.656 ng

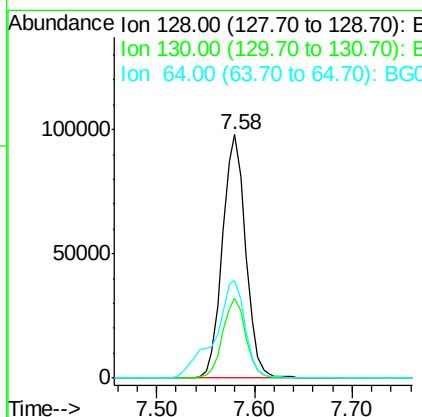
RT: 7.58 min Scan# 764

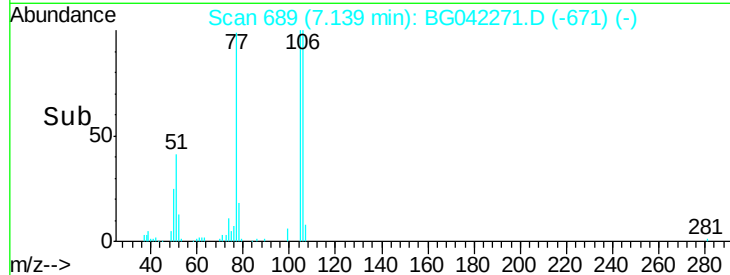
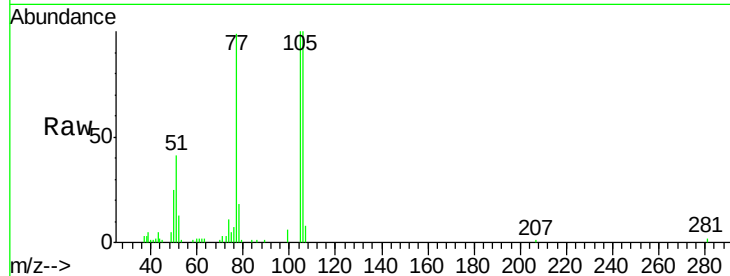
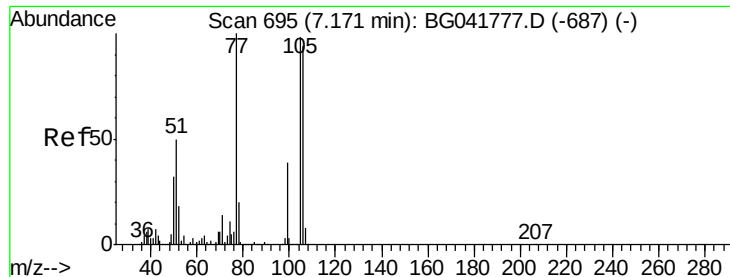
Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		161457		
130	32.8	12.4	52.4		
64	40.3	34.9	74.9		





#9

Benzaldehyde

Concen: 12.869 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tot Ion:	77	Resp:	34663
Ion	Ratio	Lower	Upper
77	100		
105	100.7	74.6	114.6
106	100.4	71.1	111.1

Instrument :

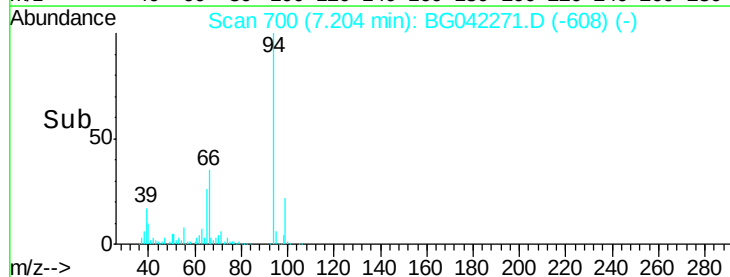
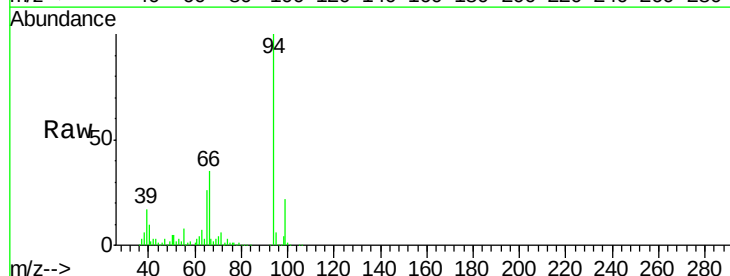
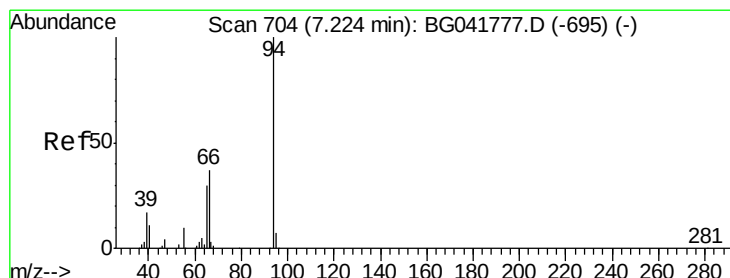
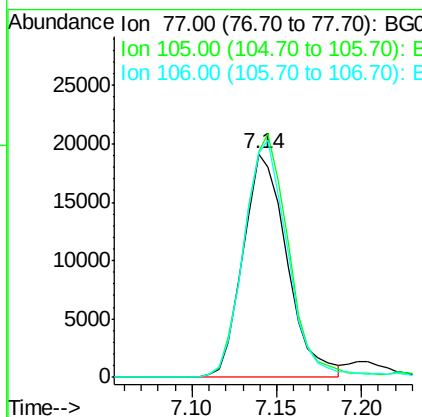
BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#10

Phenol

Concen: 41.953 ng

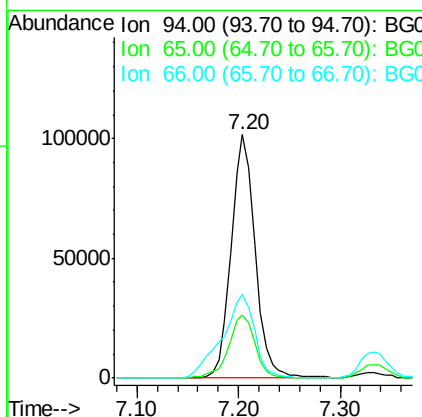
RT: 7.20 min Scan# 700

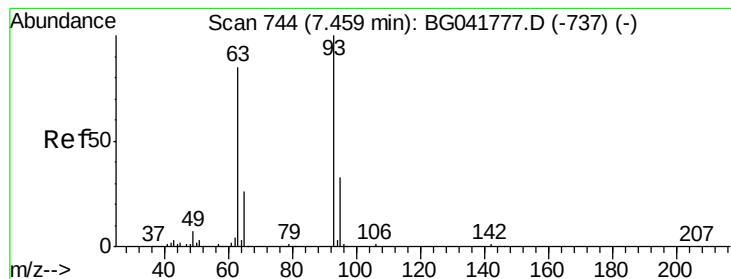
Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion:	94	Resp:	167080
Ion	Ratio	Lower	Upper
94	100		
65	25.8	10.6	50.6
66	34.6	18.2	58.2





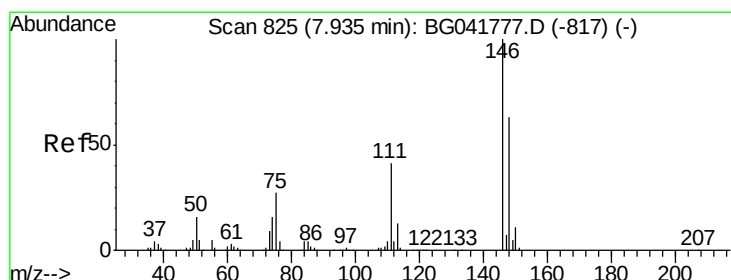
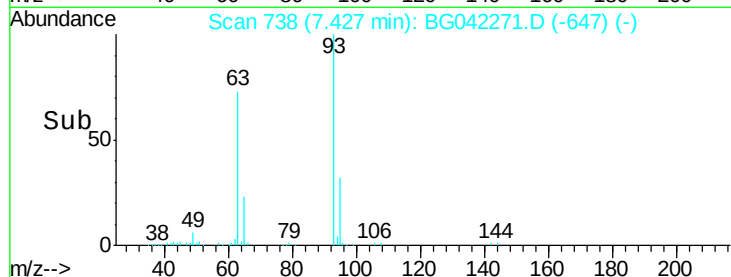
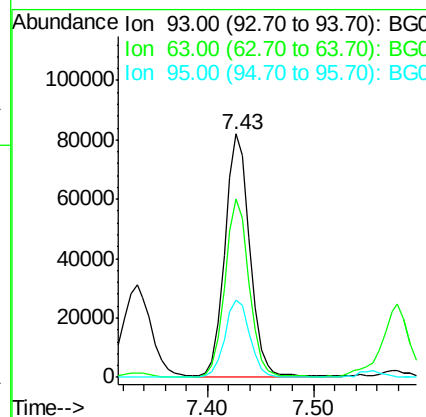
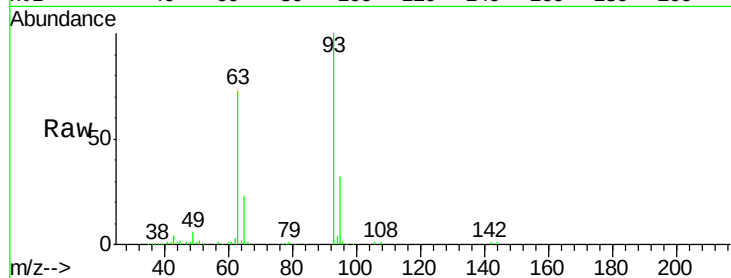
#11
bis(2-Chloroethyl)ether
Concen: 41.023 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	70.4	110.4
95	31.7	12.8	52.8

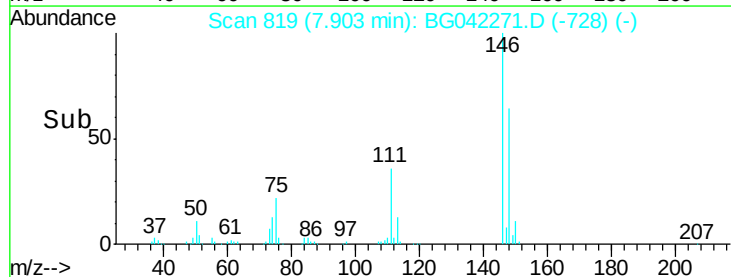
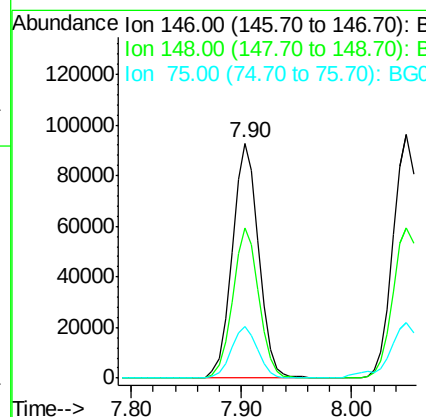
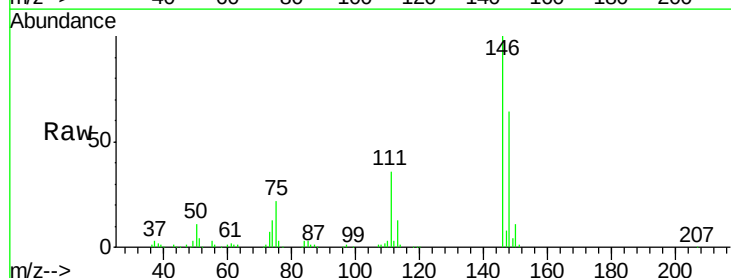
Manual Integrations
APPROVED

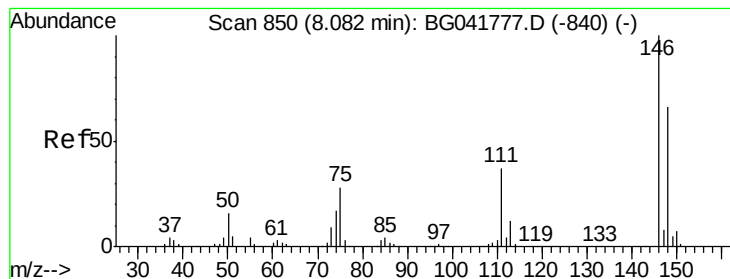
Jagrut
8/20/2019 9:52:02 AM



#12
1,3-Dichlorobenzene
Concen: 36.504 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
75	22.0	23.2	34.8#





#13

1,4-Dichlorobenzene

Concen: 37.542 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

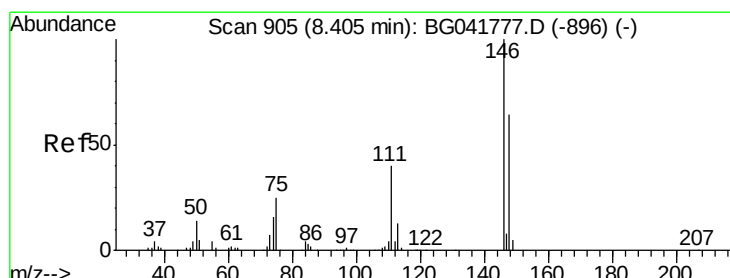
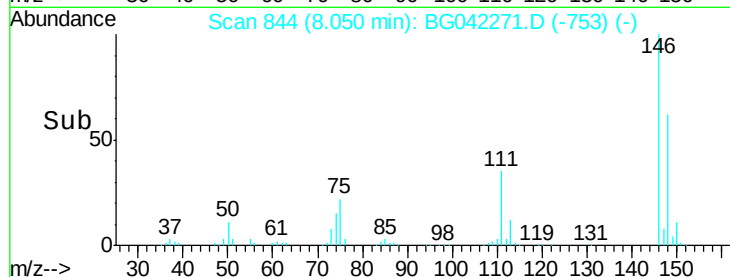
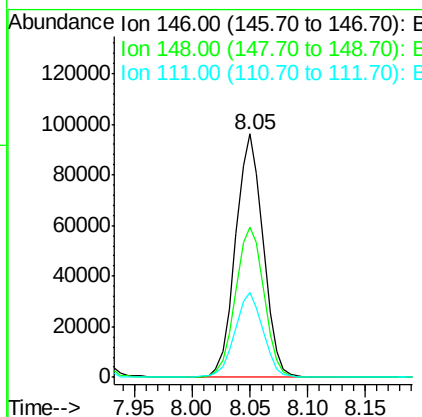
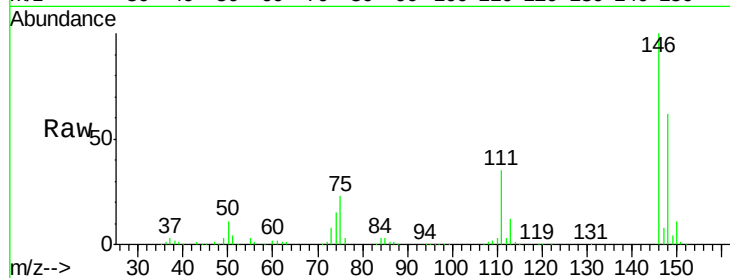
ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion:	146	Resp:	159414
Ion Ratio	Lower	Upper	
146	100		
148	61.9	52.6	79.0
111	35.1	32.5	48.7

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#14

1,2-Dichlorobenzene

Concen: 37.482 ng

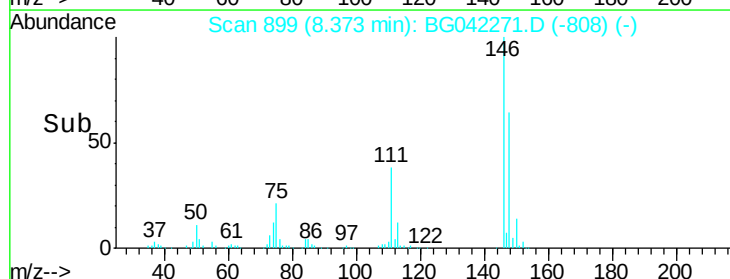
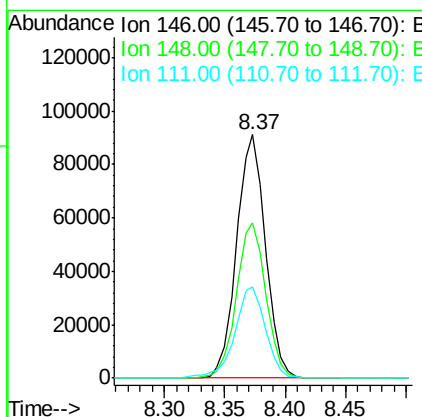
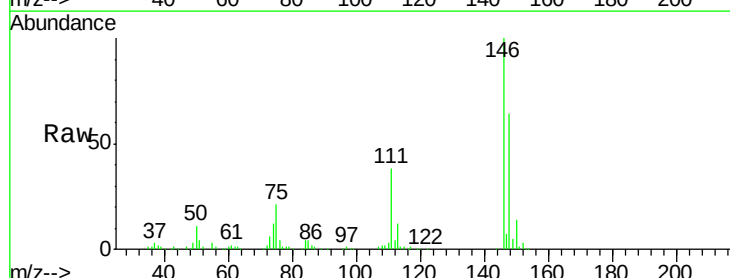
RT: 8.37 min Scan# 899

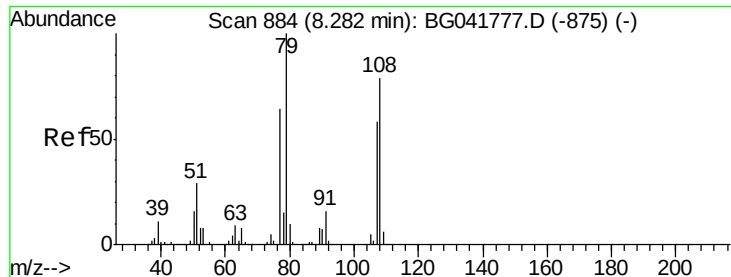
Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion:	146	Resp:	151869
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.5	80.3
111	37.7	35.4	53.0





#15

Benzyl Alcohol

Concen: 39.801 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

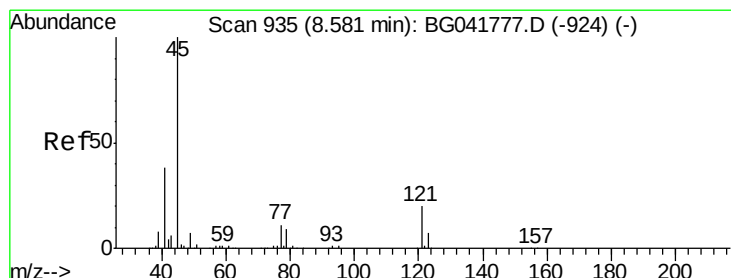
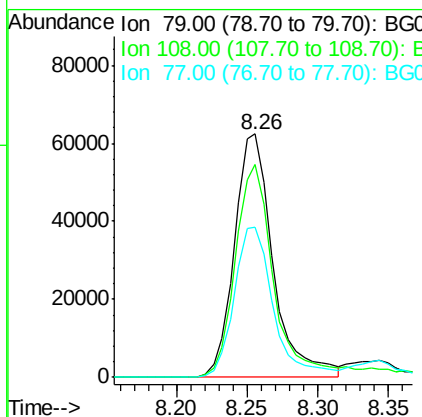
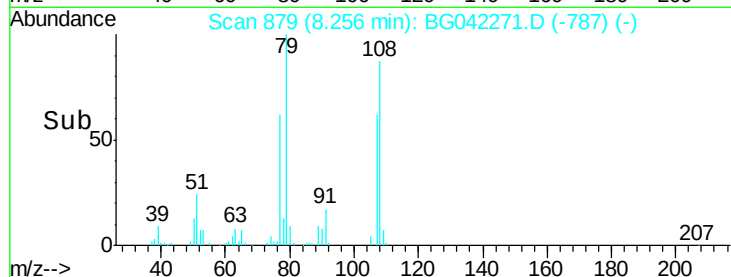
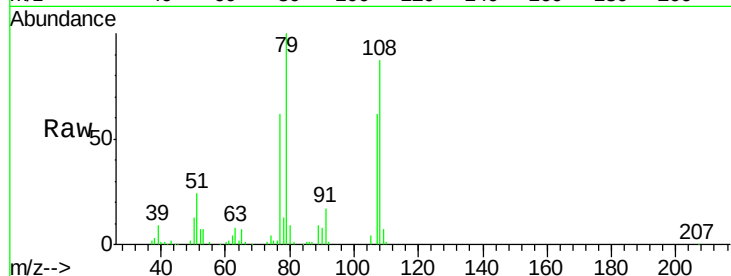
ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion:	79	Resp:	119869
Ion Ratio	Lower	Upper	
79	100		
108	87.4	60.5	90.7
77	61.9	50.6	75.8

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.877 ng

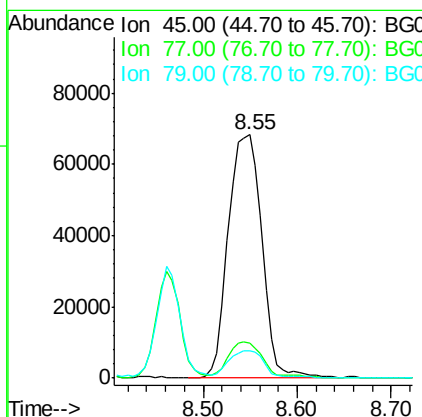
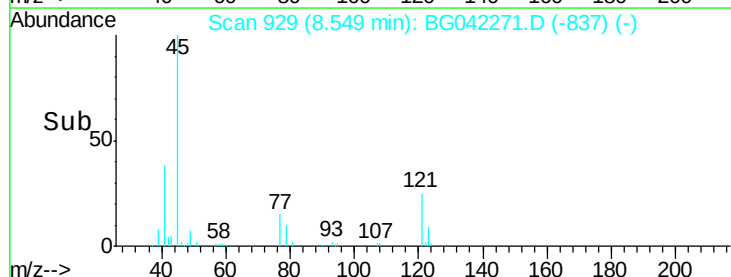
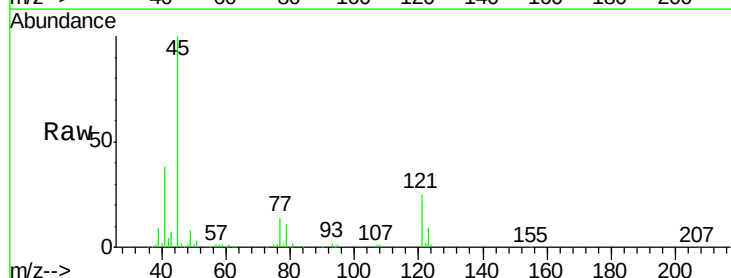
RT: 8.55 min Scan# 929

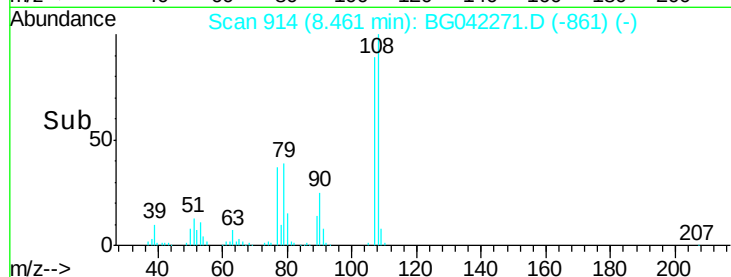
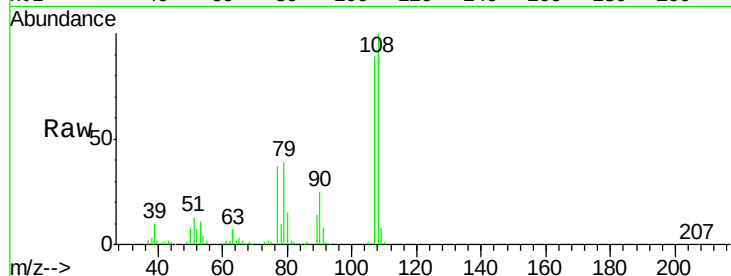
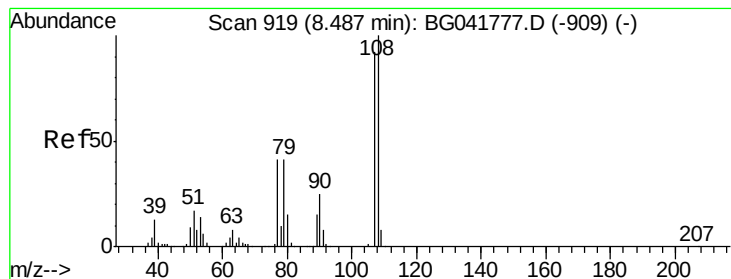
Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion:	45	Resp:	168203
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	30.4
79	11.3	0.0	27.9





#17

2-Methylphenol

Concen: 45.191 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	87.6	131.4	
77	41.4	36.1	54.1	
79	43.6	36.4	54.6	

Instrument :

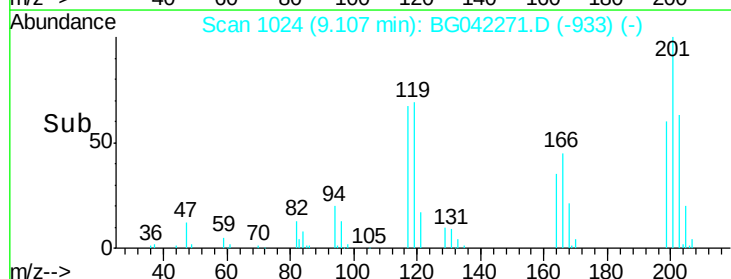
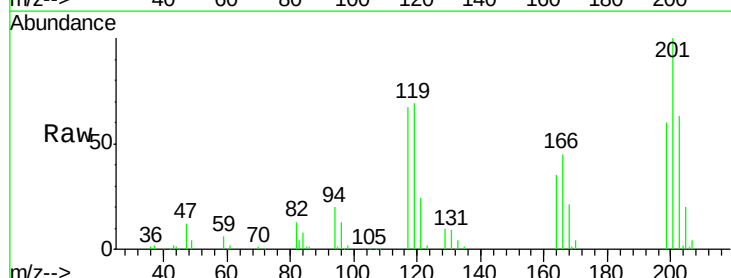
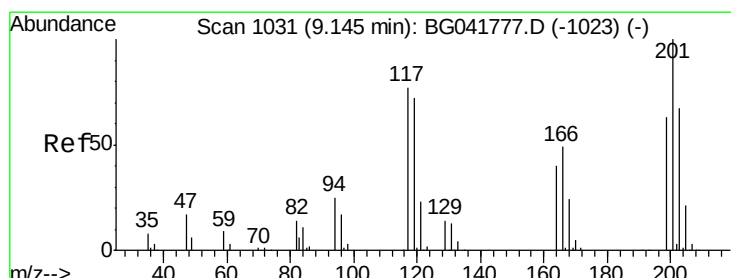
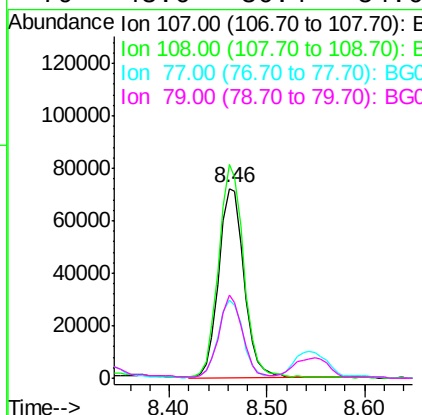
BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#18

Hexachloroethane

Concen: 36.007 ng

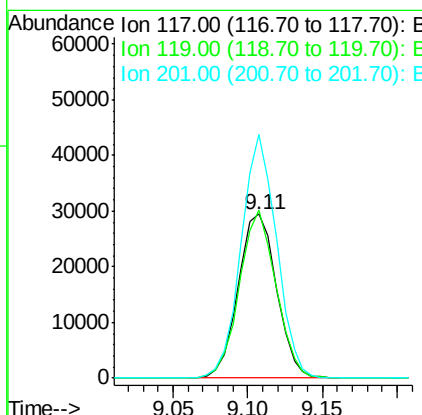
RT: 9.11 min Scan# 1024

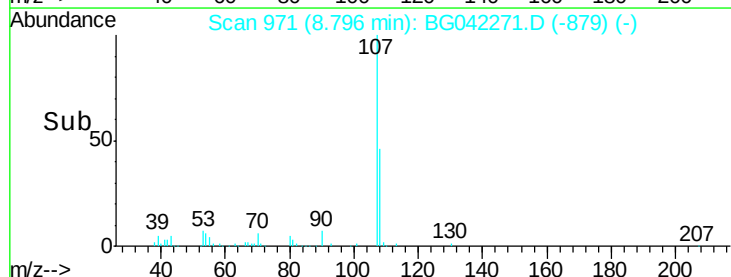
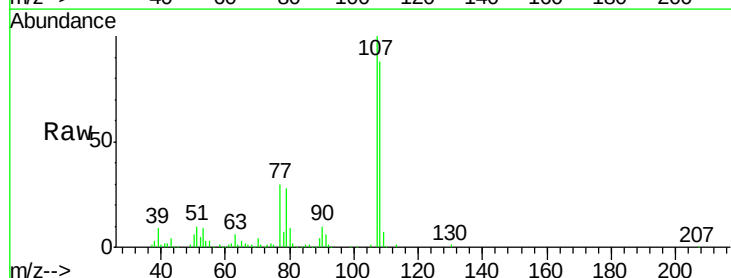
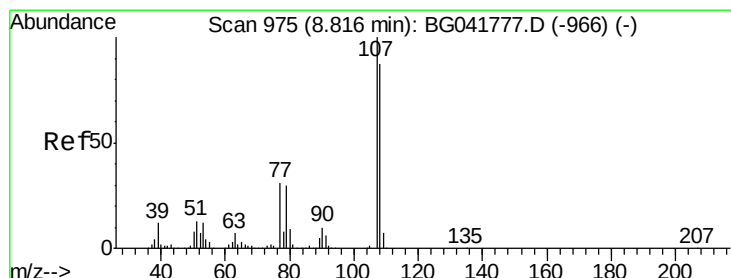
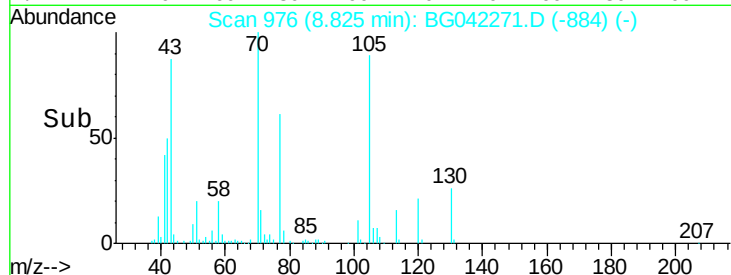
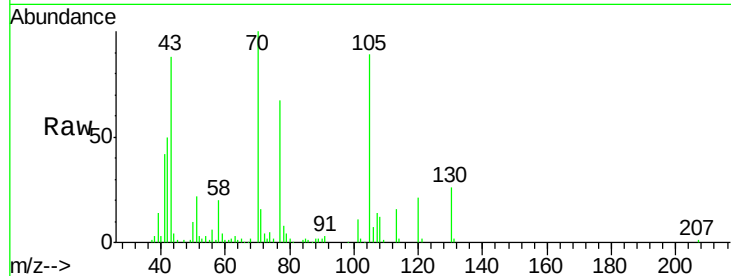
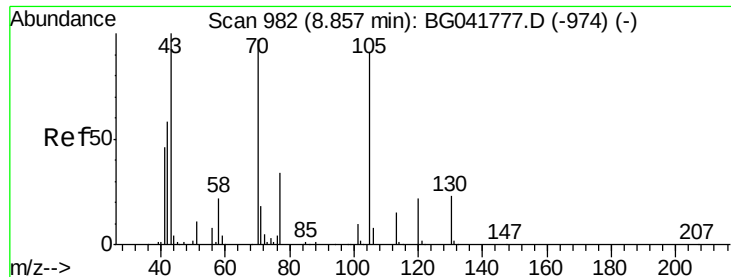
Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.5	76.2	114.2	
201	148.5	94.1	141.1#	





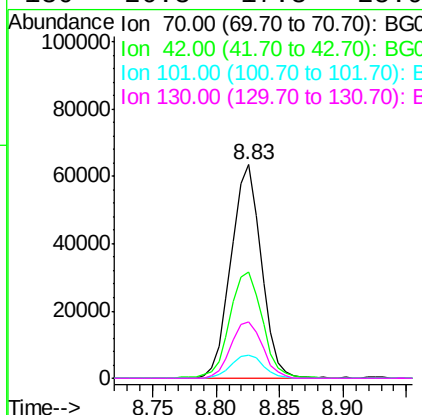
#19
n-Nitroso-di-n-propylamine
Concen: 37.912 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.7	55.8	83.6#
101	10.7	8.1	12.1
130	26.3	17.3	25.9#

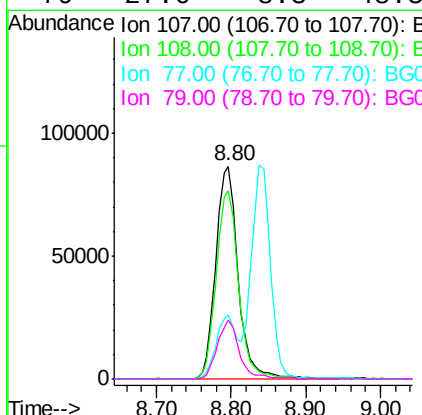
Manual Integrations
APPROVED

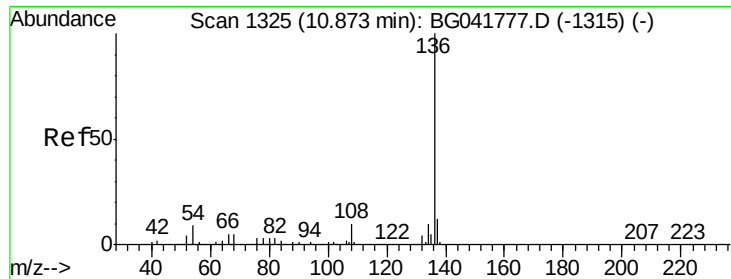
Jagrut
8/20/2019 9:52:02 AM



#20
3+4-Methylphenols
Concen: 45.491 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.5	107.5
77	30.0	12.3	52.3
79	27.6	8.3	48.3





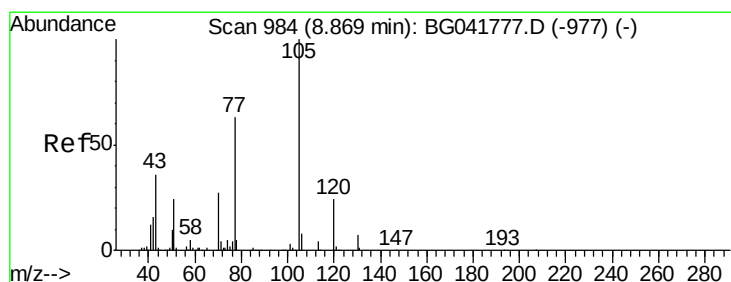
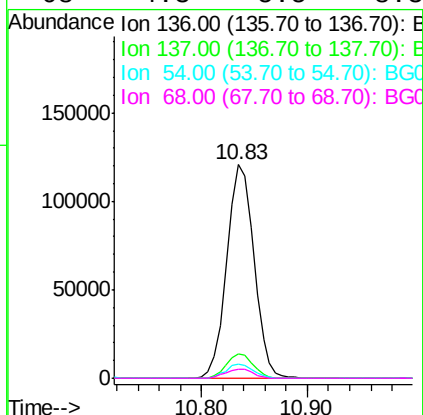
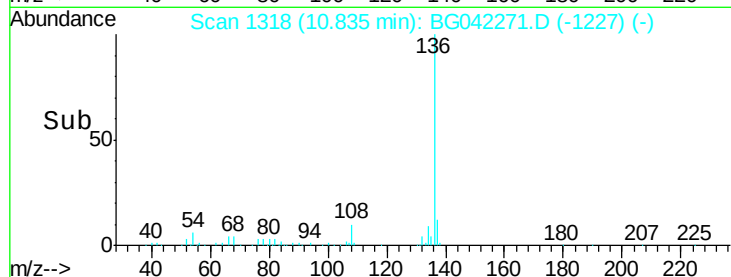
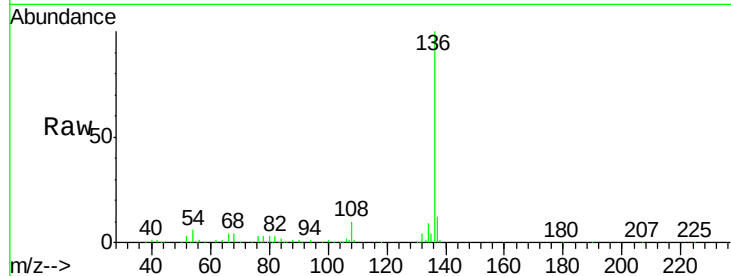
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214400		
137	11.5	9.2	13.8	
54	6.4	8.7	13.1#	
68	4.3	5.5	8.3#	

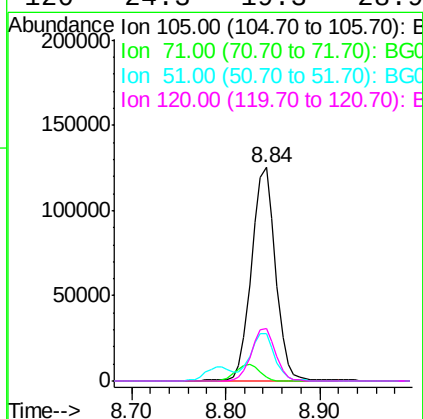
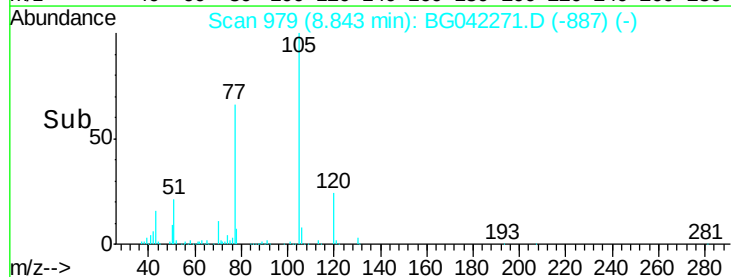
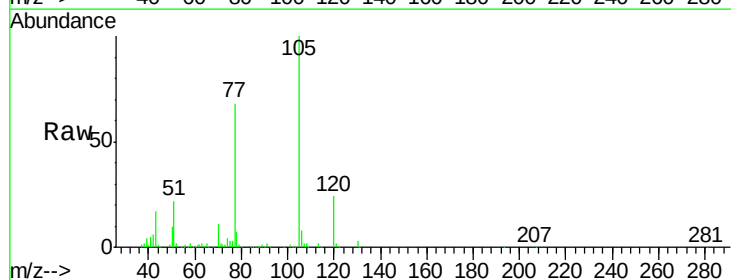
Manual Integrations
APPROVED

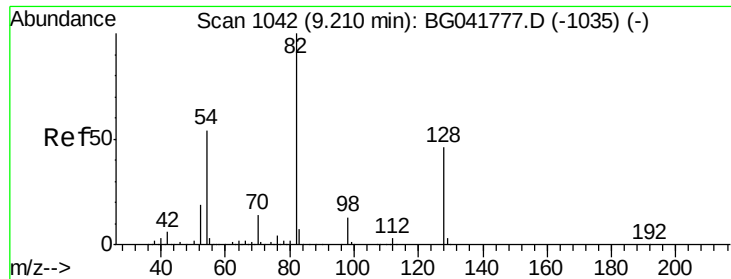
Jagrut
8/20/2019 9:52:02 AM



#22
Acetophenone
Concen: 46.536 ng
RT: 8.84 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223167		
71	1.6	5.9	8.9#	
51	22.2	27.7	41.5#	
120	24.3	19.3	28.9	





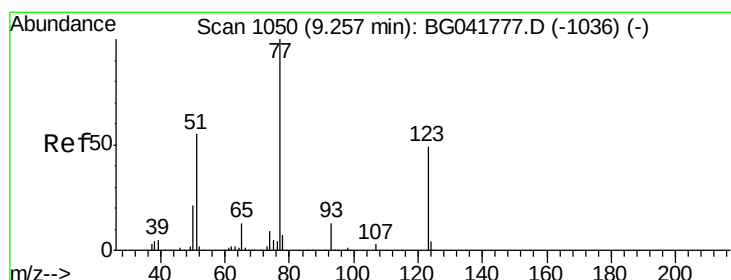
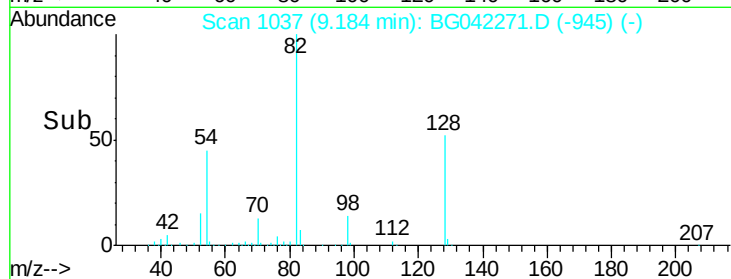
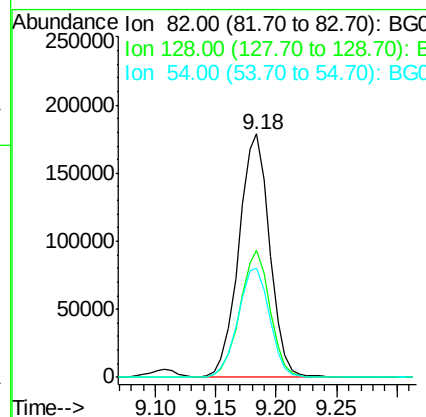
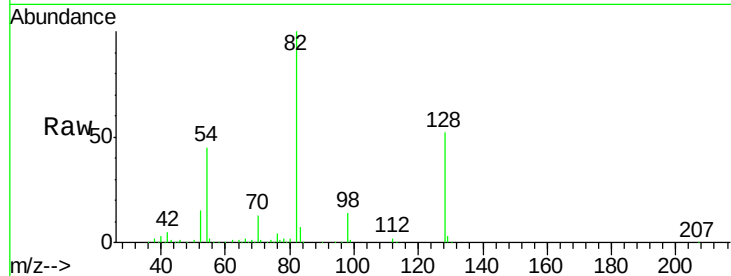
#23
 Nitrobenzene-d5
 Concen: 101.769 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	35.1	52.7
54	45.0	48.7	73.1

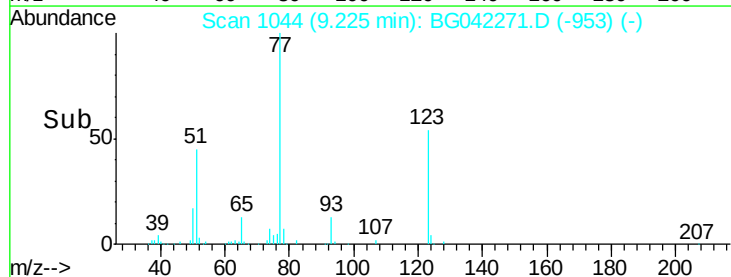
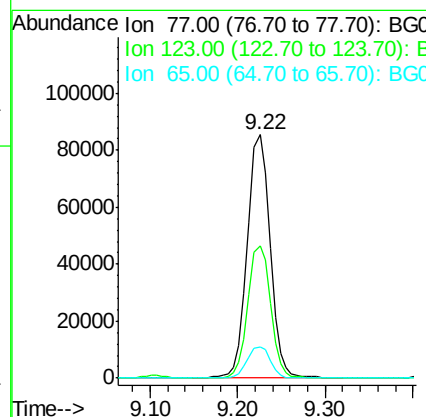
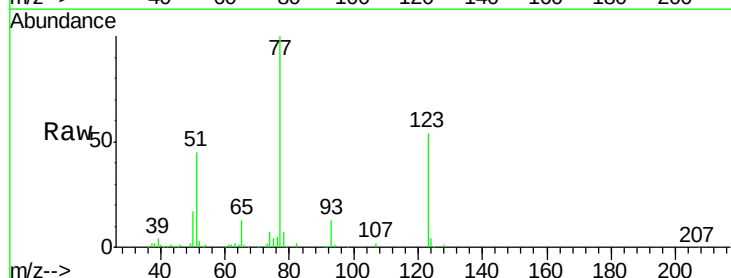
Manual Integrations
 APPROVED

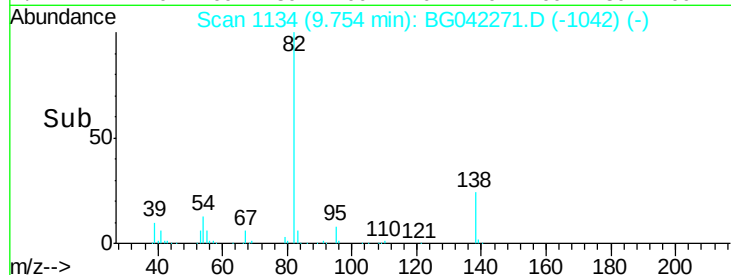
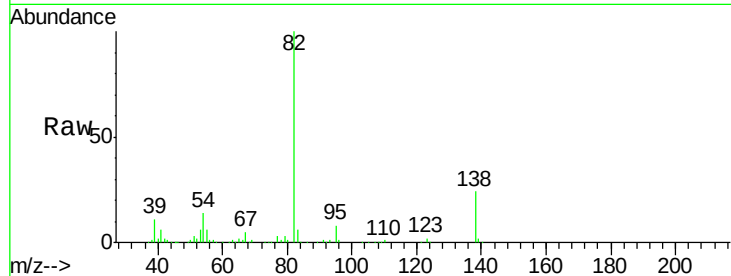
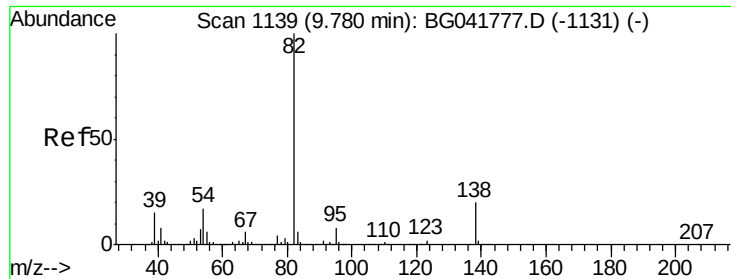
Jagrut
 8/20/2019 9:52:02 AM



#24
 Nitrobenzene
 Concen: 45.910 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.2	38.1	57.1
65	13.0	11.0	16.6





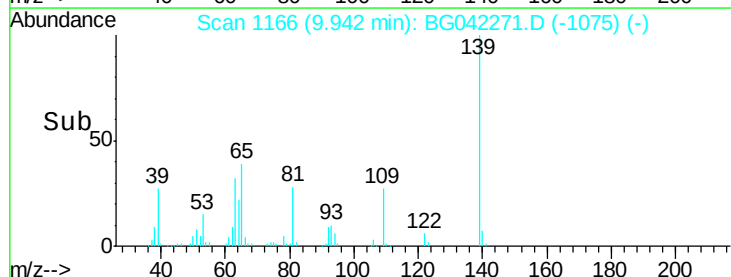
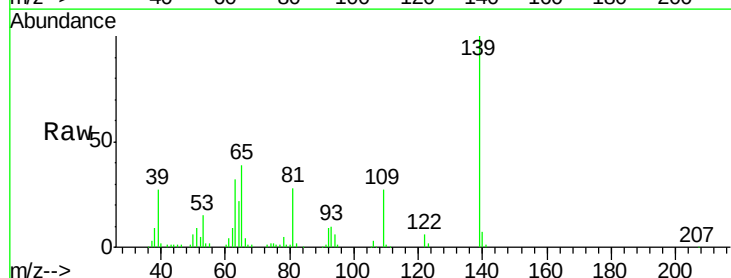
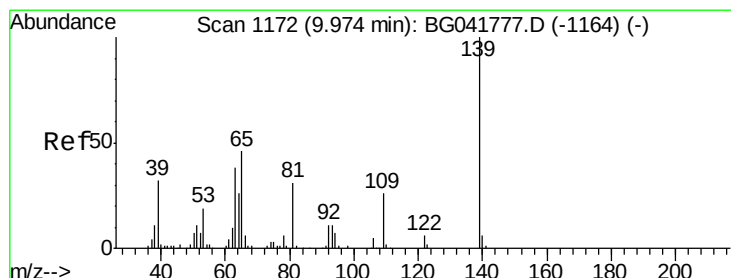
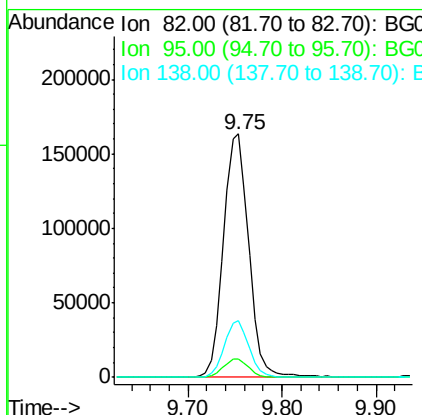
#25
Isophorone
Concen: 45.336 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tot Ion	Ratio	Resp	Lower	Upper
82	100	307260		
95	7.7		5.9	8.9
138	23.5		16.3	24.5

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

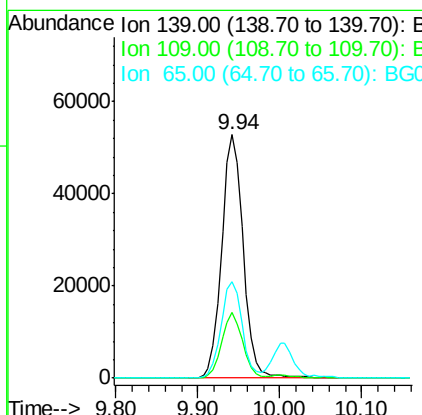
Manual Integrations
APPROVED

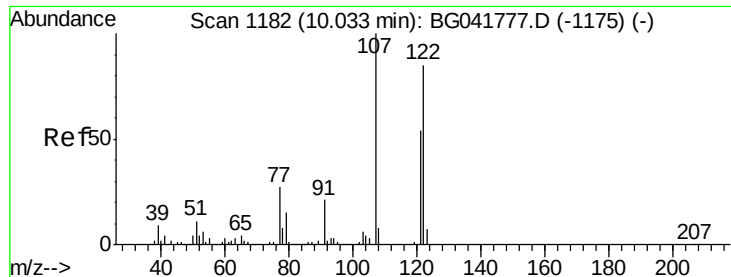
Jagrut
8/20/2019 9:52:02 AM



#26
2-Nitrophenol
Concen: 63.562 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96826		
109	27.1		22.7	34.1
65	39.3		41.1	61.7#





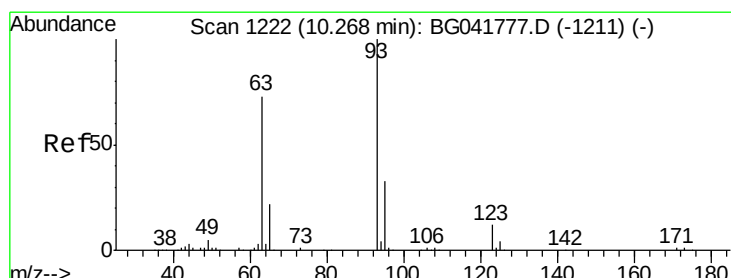
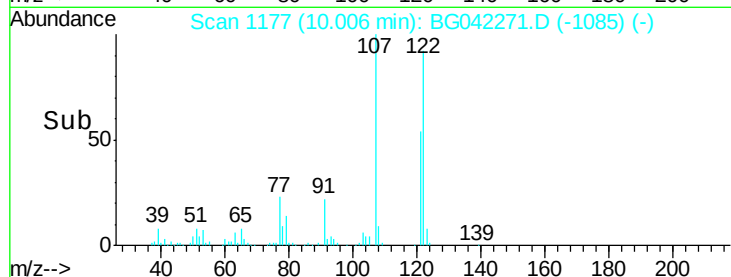
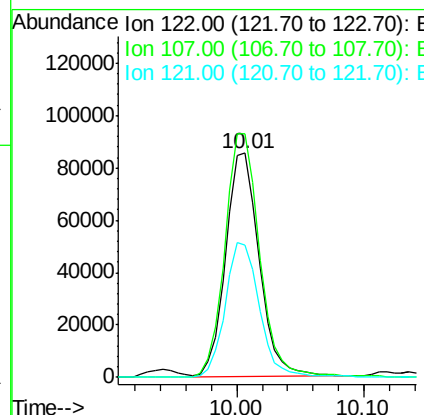
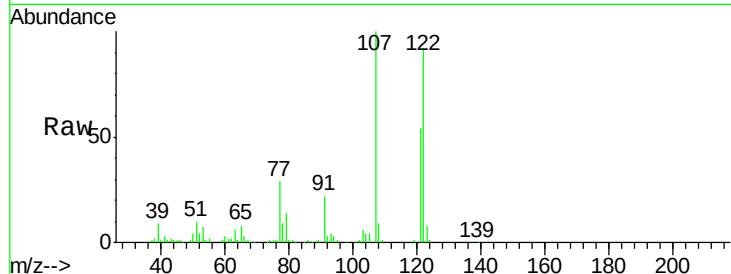
#27
2,4-Dimethylphenol
Concen: 58.264 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	156647		
107	108.6	91.3	136.9	
121	59.0	49.2	73.8	

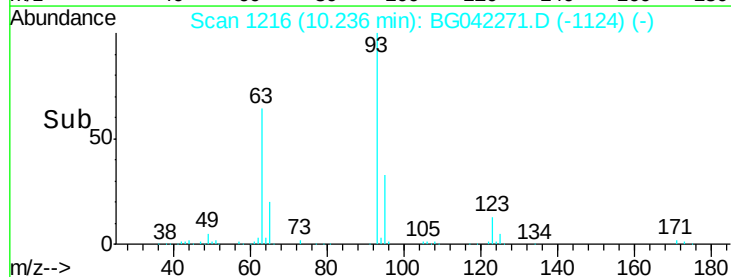
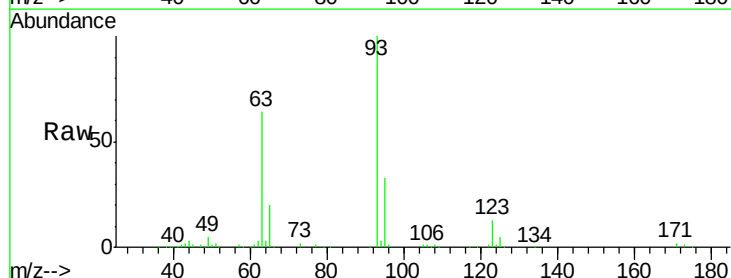
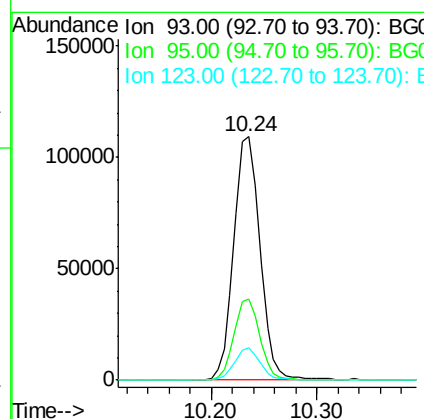
Manual Integrations
APPROVED

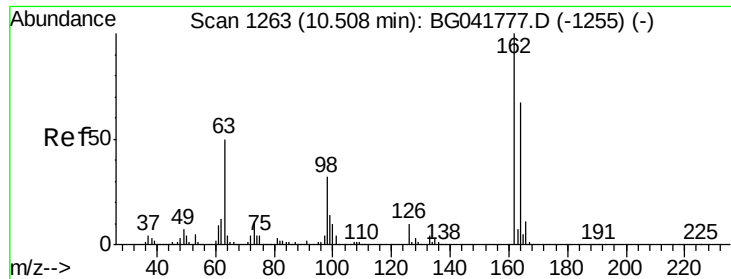
Jagrut
8/20/2019 9:52:02 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.521 ng
RT: 10.24 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	188558		
95	33.4	26.2	39.4	
123	13.1	9.9	14.9	





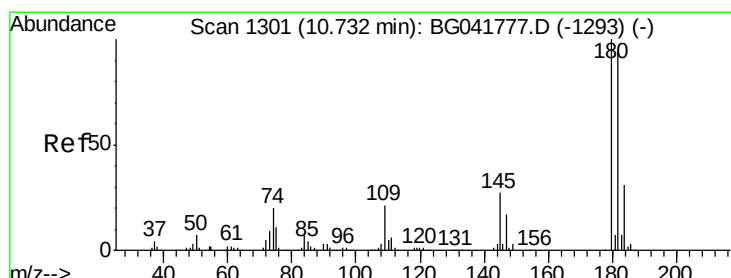
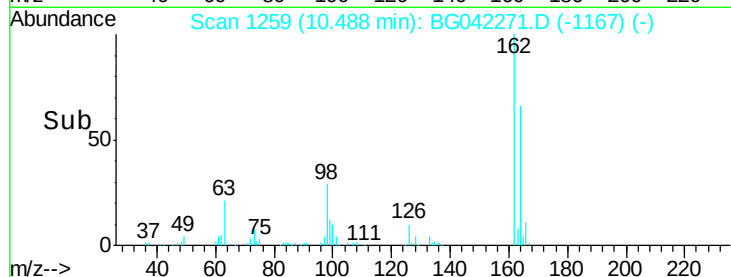
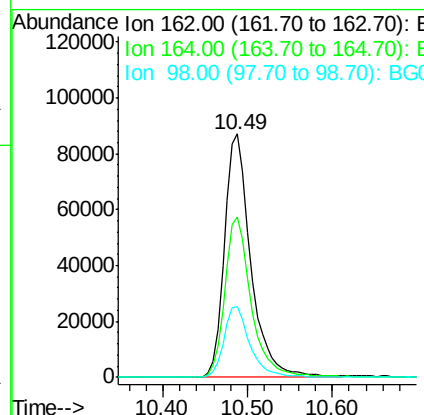
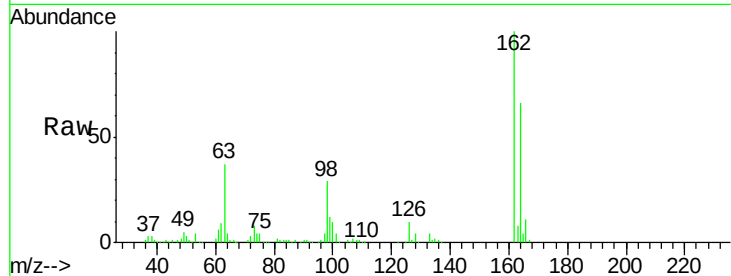
#29
2,4-Dichlorophenol
Concen: 57.523 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.1	46.1	86.1
98	29.2	14.7	54.7

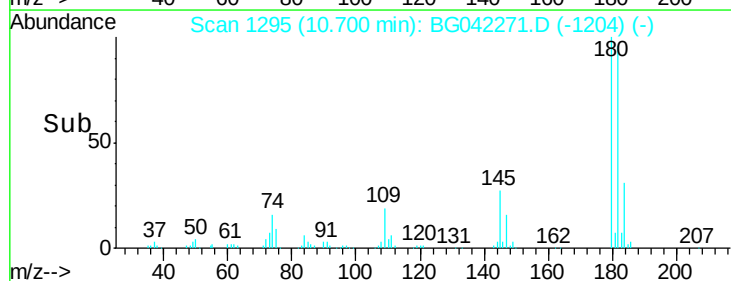
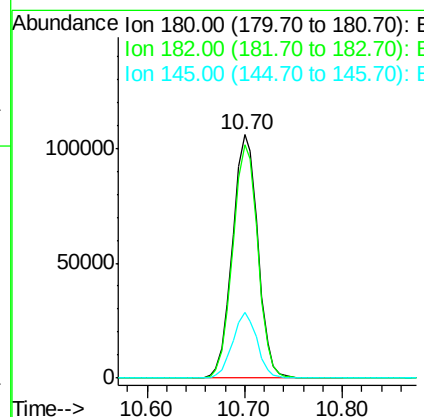
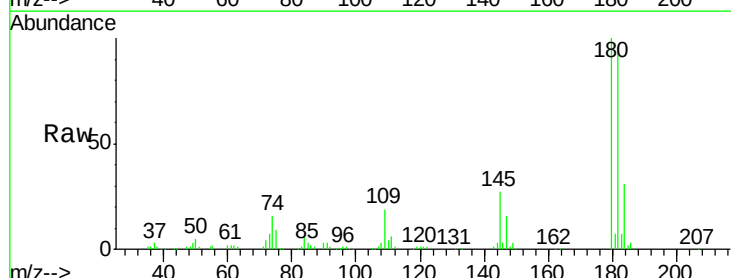
Manual Integrations
APPROVED

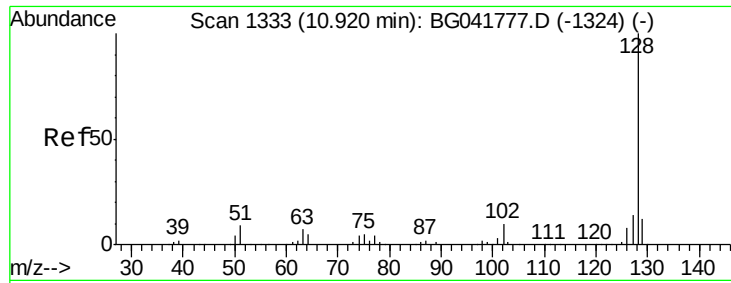
Jagrut
8/20/2019 9:52:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.809 ng
RT: 10.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.2	114.2
145	27.0	23.8	35.8





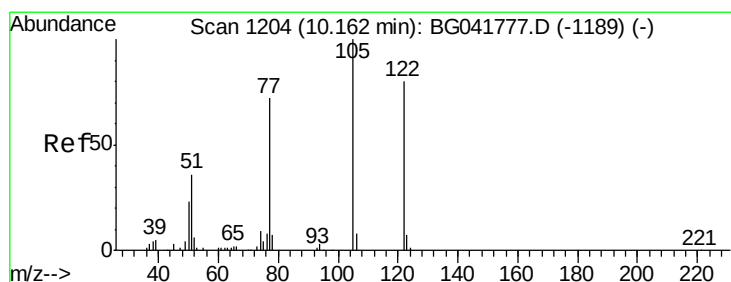
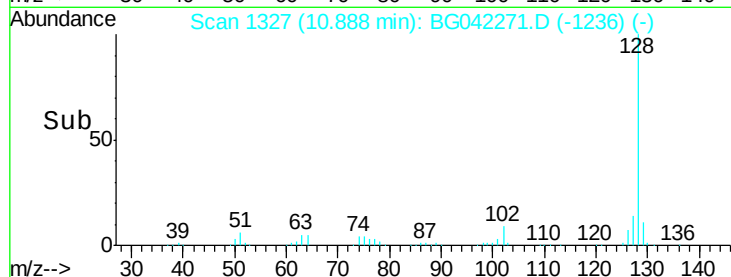
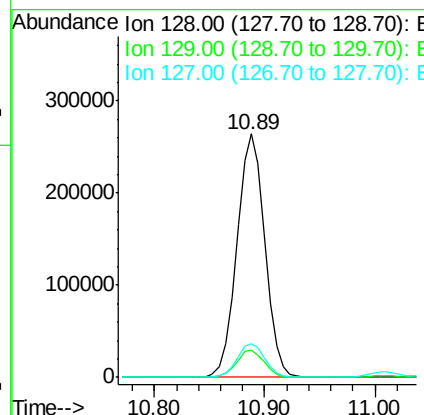
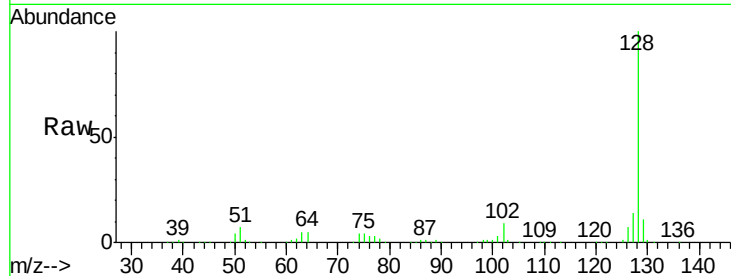
#31
Naphthalene
Concen: 47.633 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.0	15.0
127	13.9	12.3	18.5

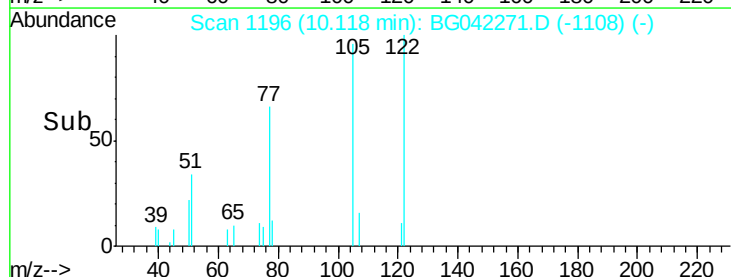
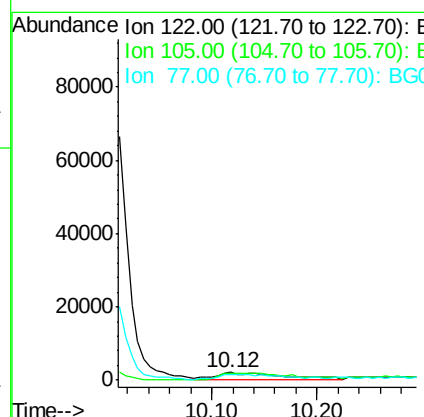
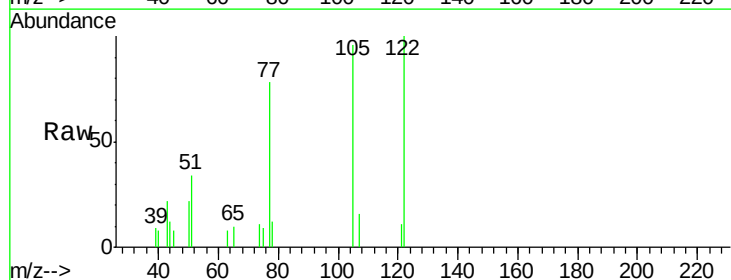
Manual Integrations
APPROVED

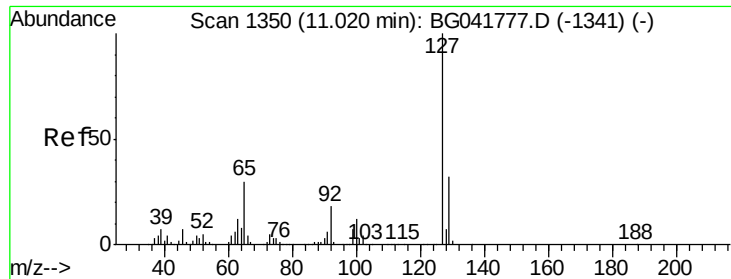
Jagrut
8/20/2019 9:52:02 AM



#32
Benzoic acid
Concen: 12.805 ng m
RT: 10.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	96.2	101.5	141.5#
77	77.7	73.0	113.0





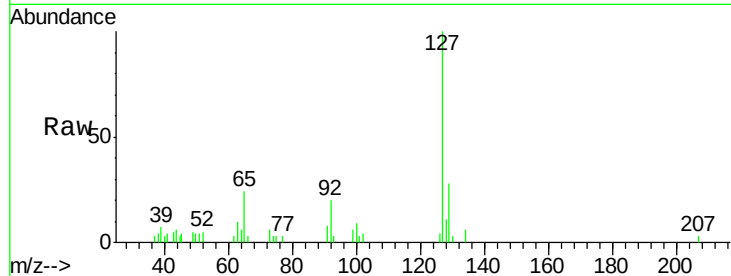
#33
 4-Chloroaniline
 Concen: 3.118 ng
 RT: 11.01 min Scan# 1347
 Delta R.T. 0.02 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

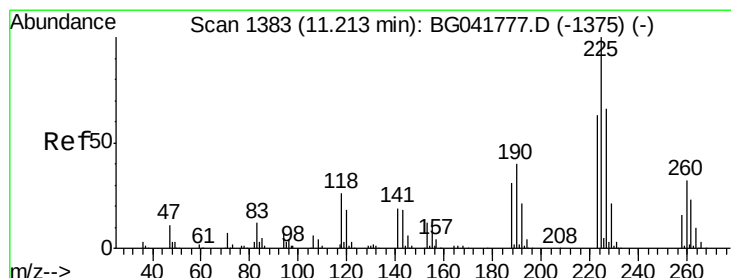
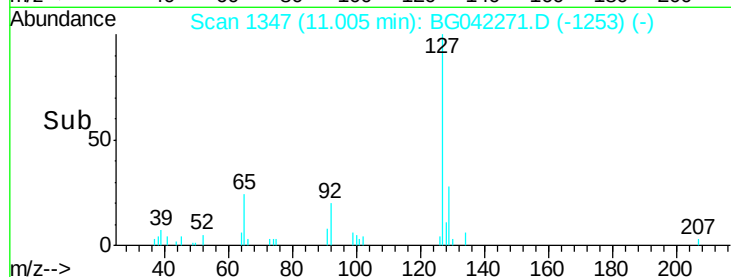
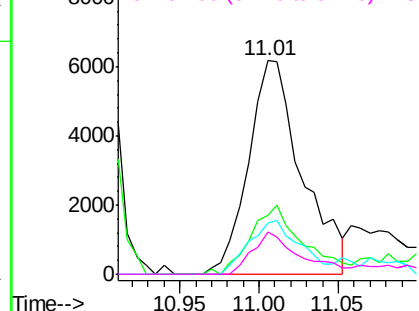
Tot Ion	Ratio	Lower	Upper
127	100		
129	27.6	25.8	38.8
65	24.2	26.7	40.1
92	20.0	15.4	23.0

Manual Integrations
 APPROVED

Jagrut
 8/20/2019 9:52:02 AM

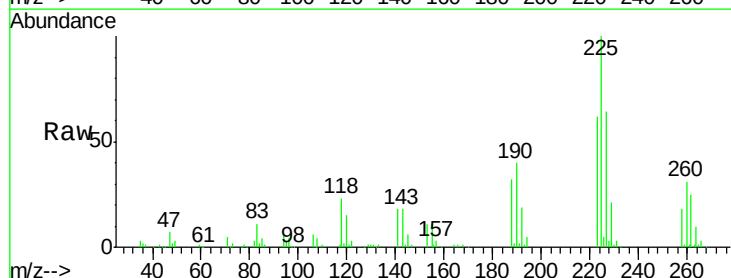


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

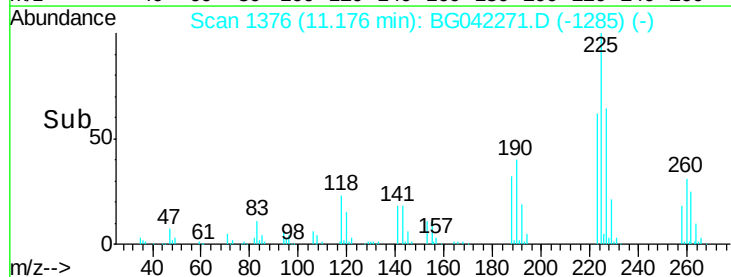
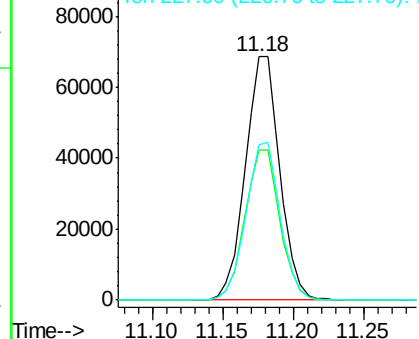


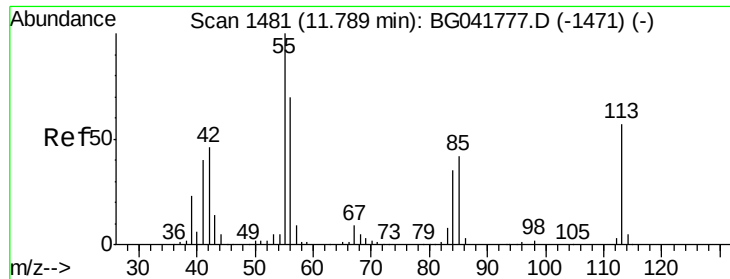
#34
 Hexachlorobutadiene
 Concen: 41.865 ng
 RT: 11.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.1	76.7
227	63.9	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.667 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion:113 Resp: 48548

Ion Ratio Lower Upper

113 100

55 131.5 199.4 239.4#

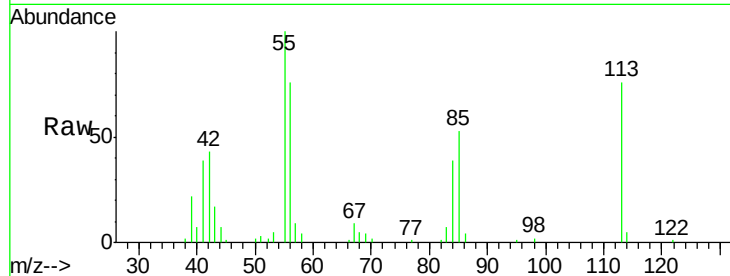
56 99.8 133.6 173.6#

Manual Integrations

APPROVED

Jagrut

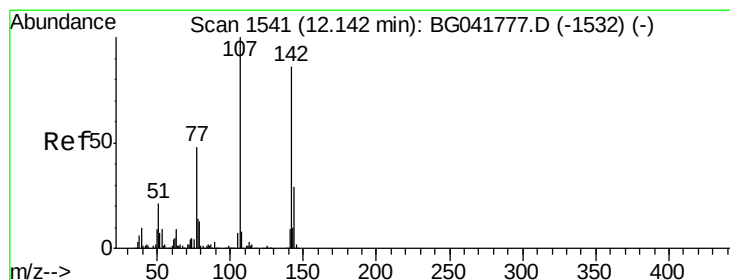
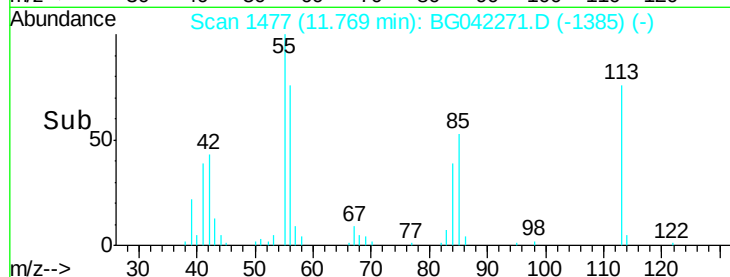
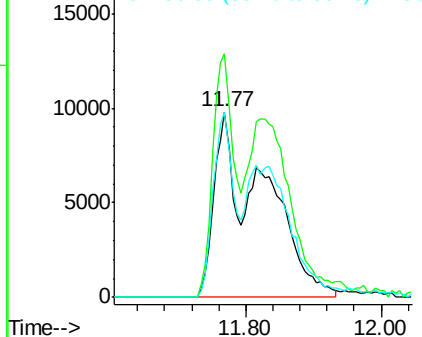
8/20/2019 9:52:02 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.609 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

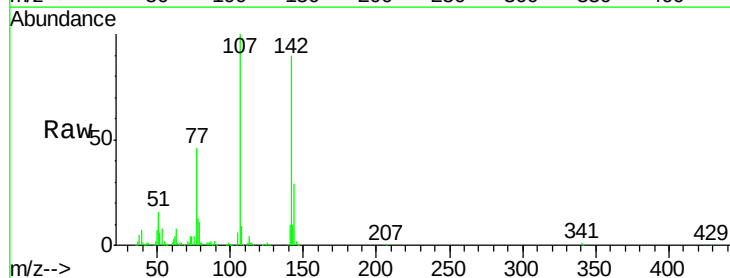
Tgt Ion:107 Resp: 177261

Ion Ratio Lower Upper

107 100

144 29.1 22.2 33.2

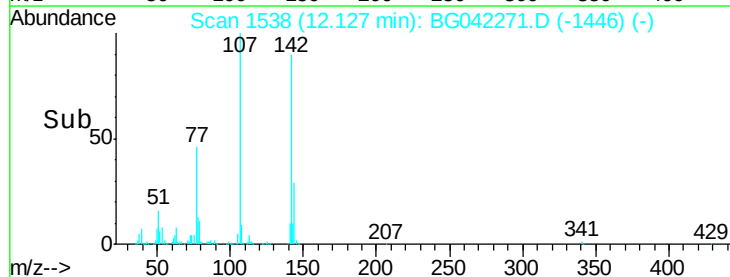
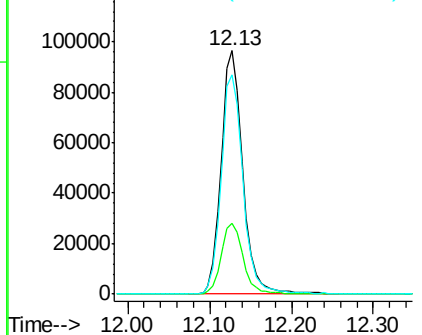
142 90.0 67.3 100.9

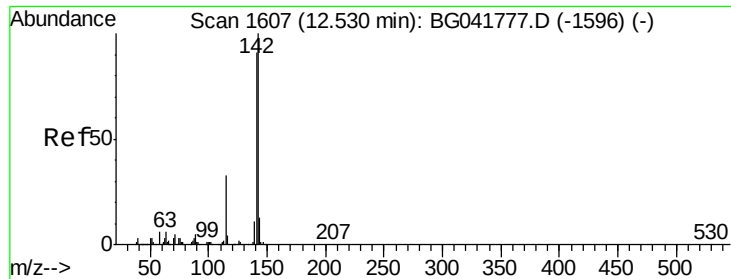


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





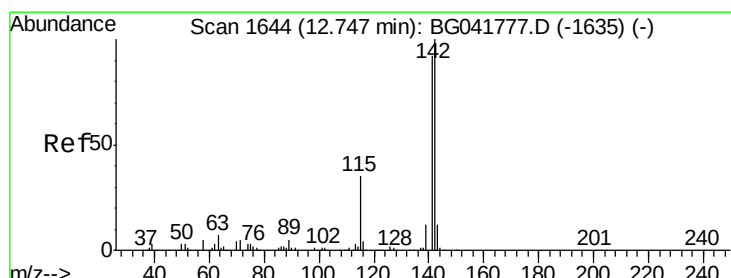
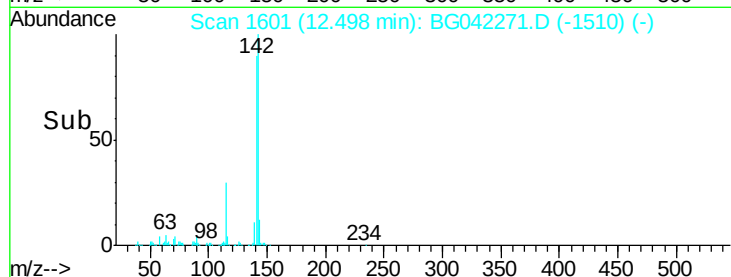
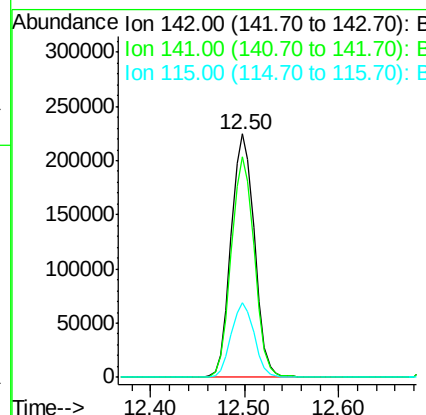
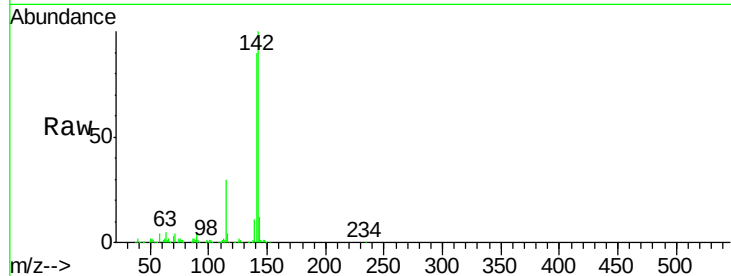
#37
2-Methylnaphthalene
Concen: 50.020 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
115	30.5	27.0	40.4

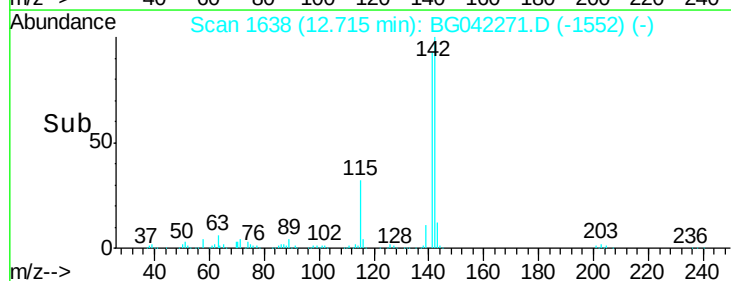
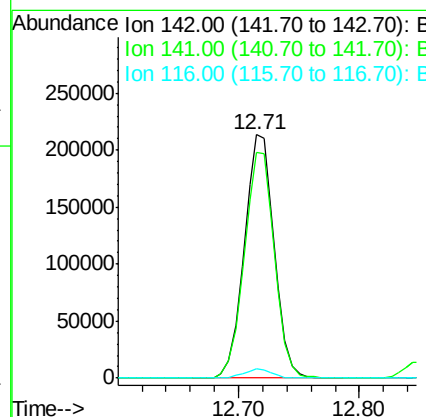
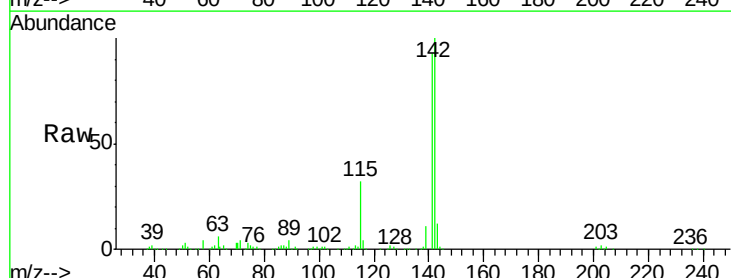
Manual Integrations
APPROVED

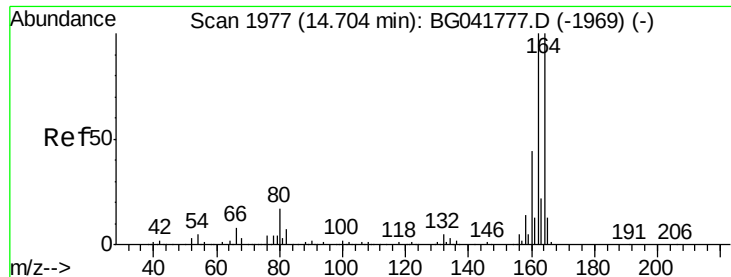
Jagrut
8/20/2019 9:52:02 AM



#38
1-Methylnaphthalene
Concen: 49.596 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.4	113.2
116	3.7	3.2	4.8





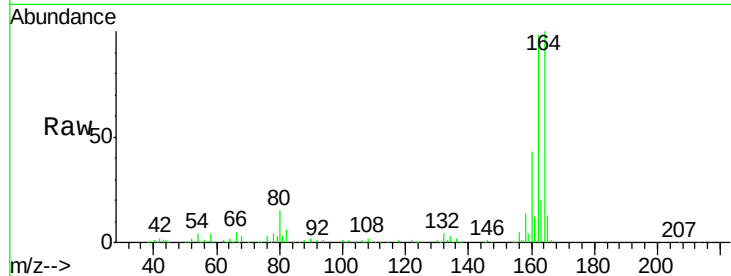
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.6	119.4
160	42.6	35.4	53.0

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM

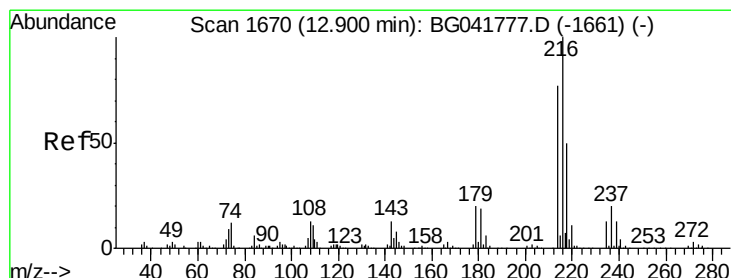
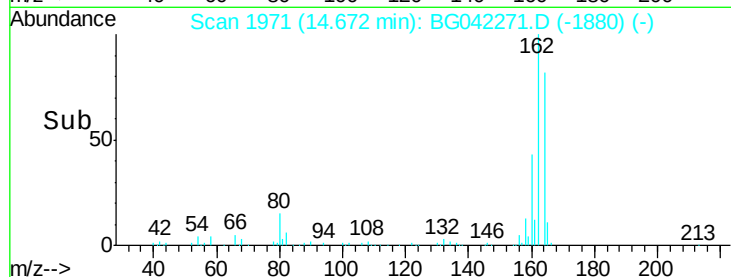
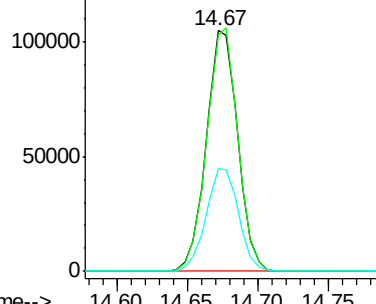


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.195 ng
RT: 12.87 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.5	92.3
179	19.8	16.2	24.2
108	13.5	13.2	19.8

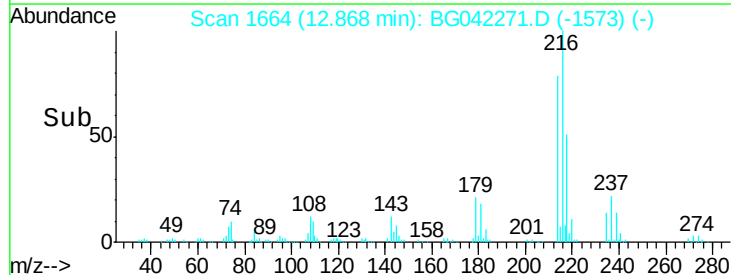
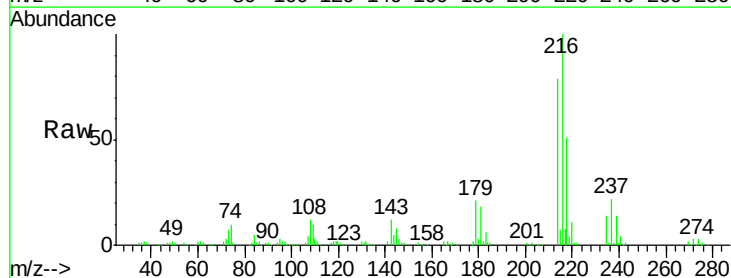
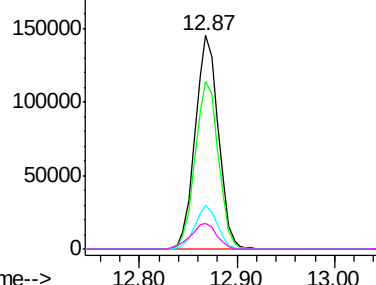
Abundance

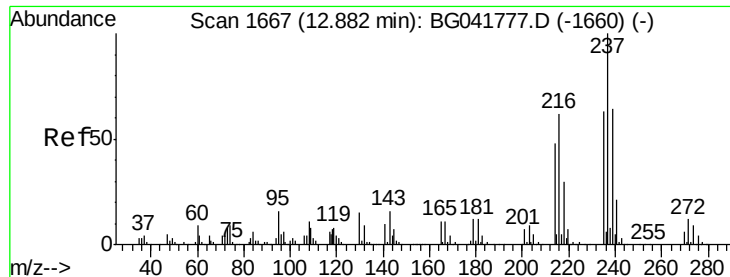
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





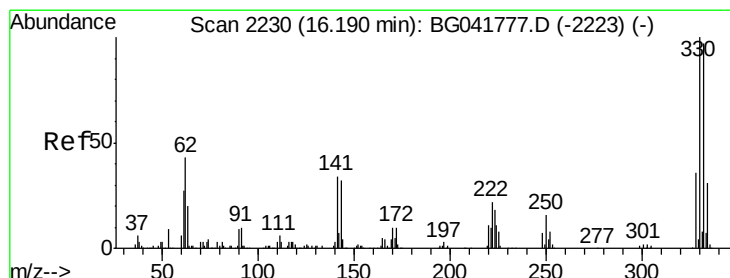
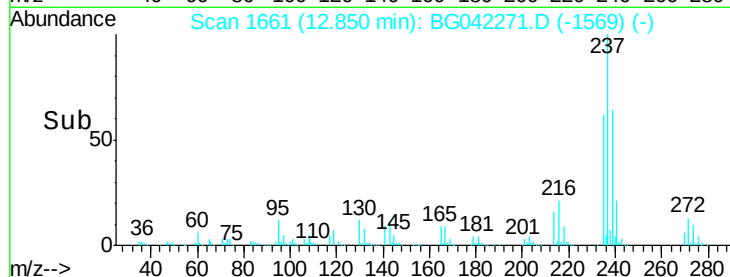
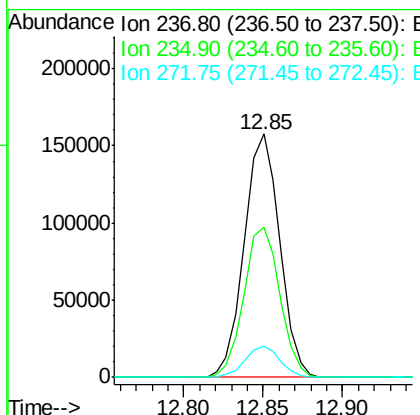
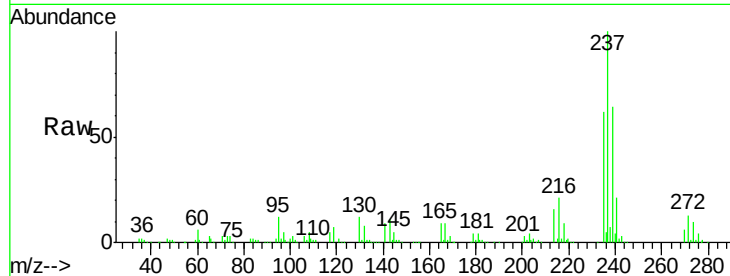
#41
Hexachlorocyclopentadiene
Concen: 84.847 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.7	43.5	83.5
272	12.9	0.0	31.2

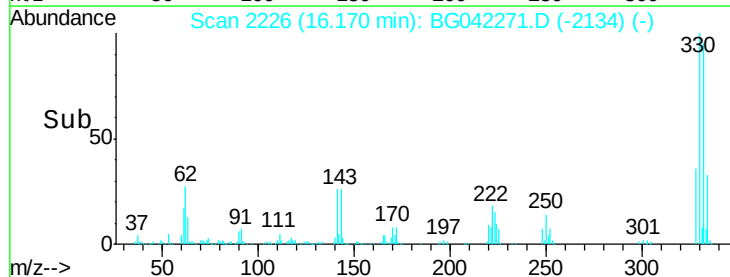
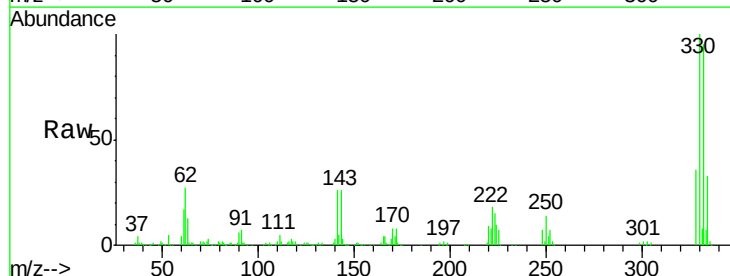
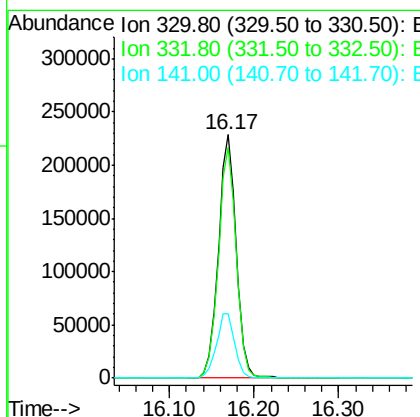
Manual Integrations
APPROVED

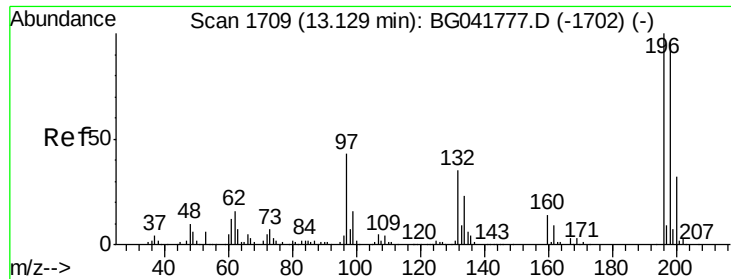
Jagrut
8/20/2019 9:52:02 AM



#42
2,4,6-Tribromophenol
Concen: 182.910 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.1	77.4	116.0
141	27.4	31.9	47.9





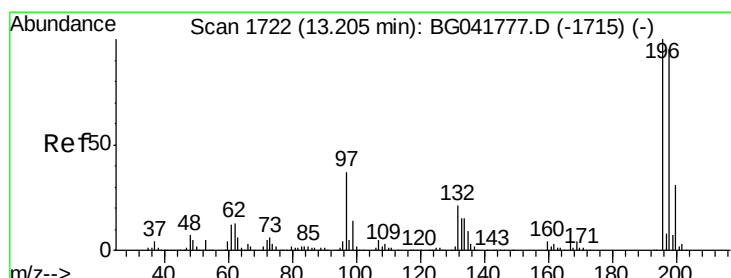
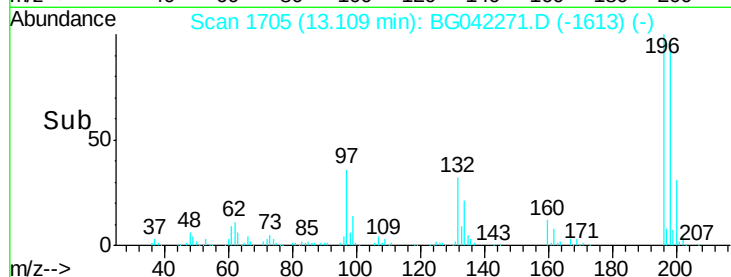
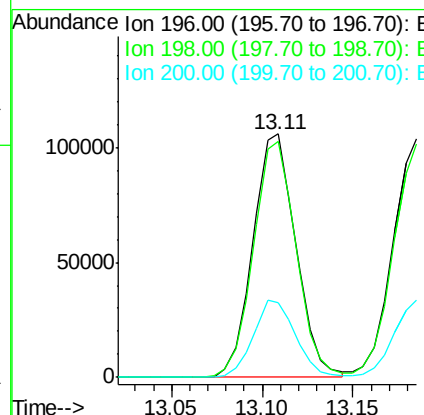
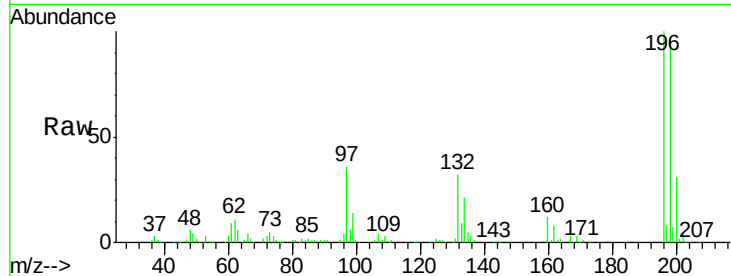
#43
 2,4,6-Trichlorophenol
 Concen: 53.456 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173879		
198	96.8	79.6	119.4	
200	30.6	25.2	37.8	

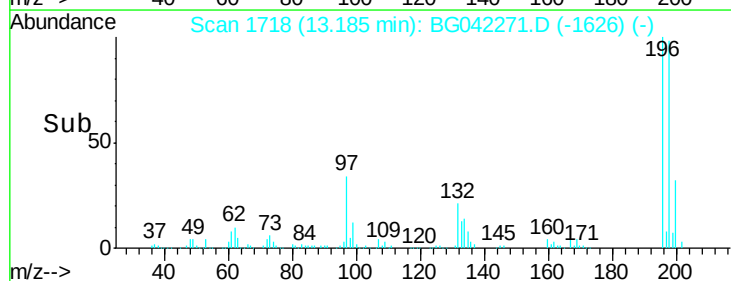
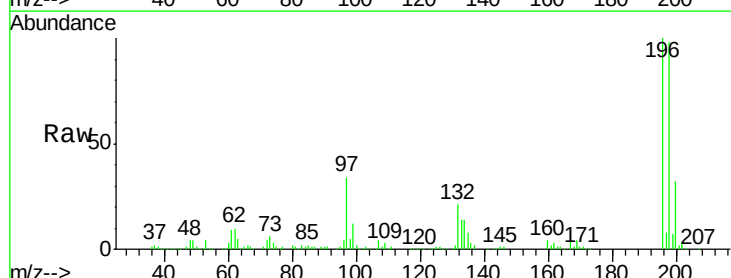
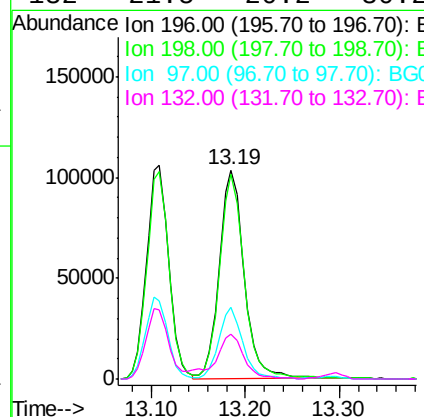
Manual Integrations
 APPROVED

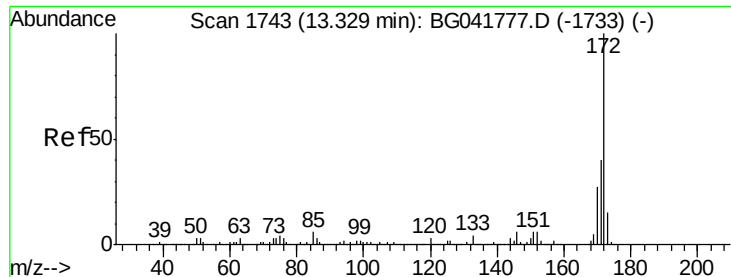
Jagrut
 8/20/2019 9:52:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 56.665 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191543		
198	97.9	80.6	121.0	
97	34.0	33.9	50.9	
132	21.5	20.2	30.2	





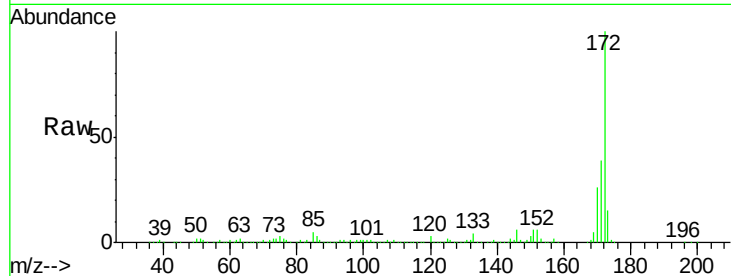
#45
2-Fluorobiphenyl
Concen: 103.868 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

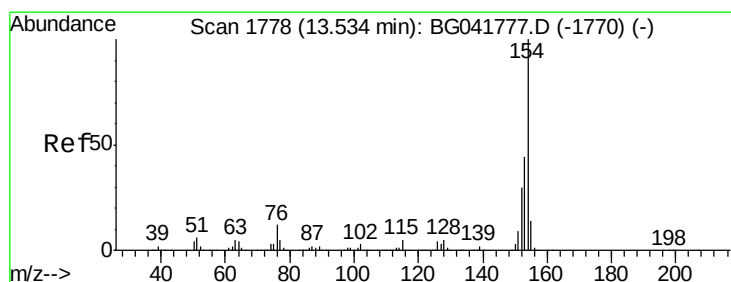
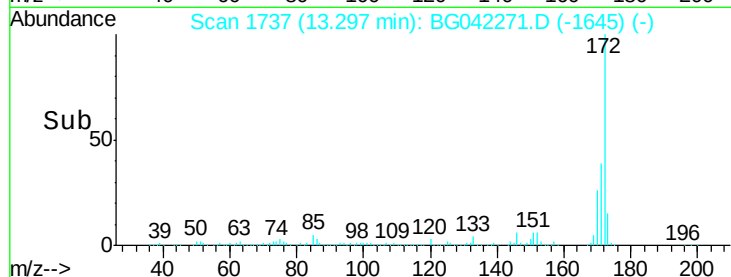
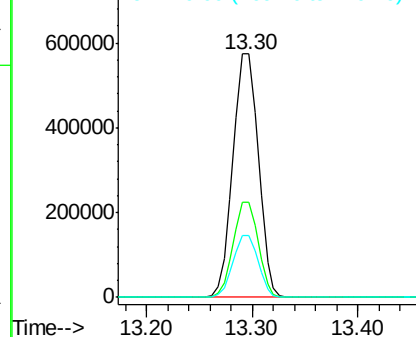
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.0	52.4
170	25.5	23.5	35.3

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM

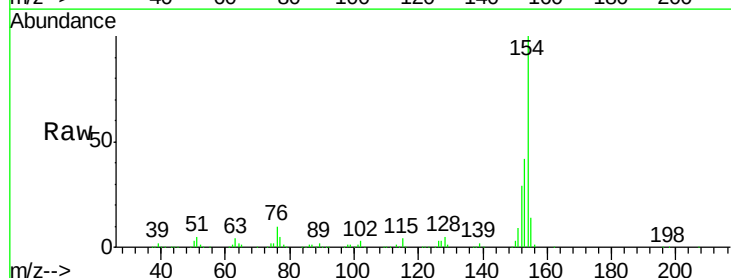


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

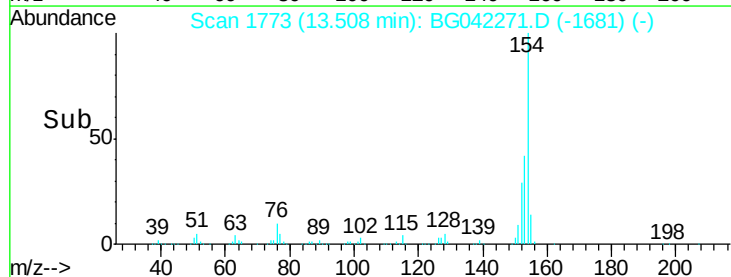
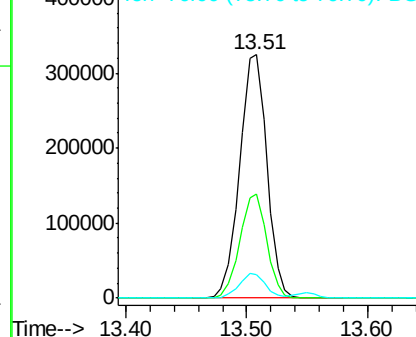


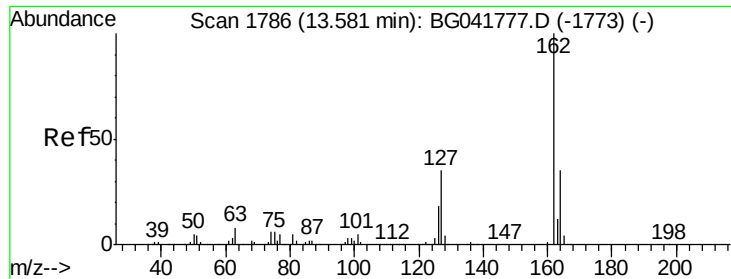
#46
1,1'-Biphenyl
Concen: 48.978 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	25.0	65.0
76	9.5	0.0	34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





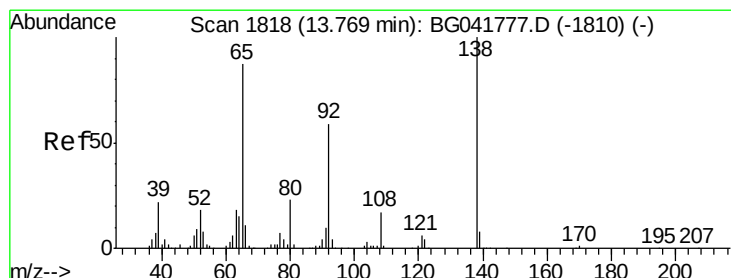
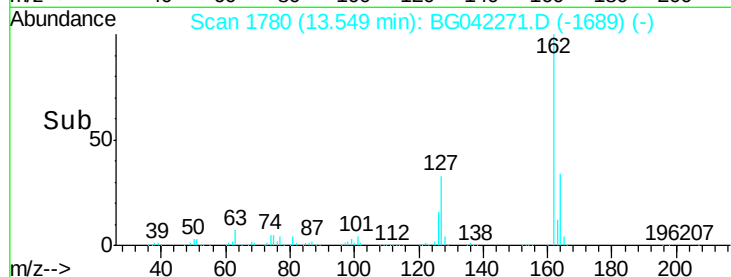
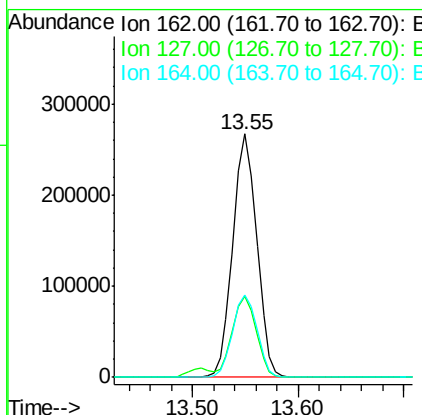
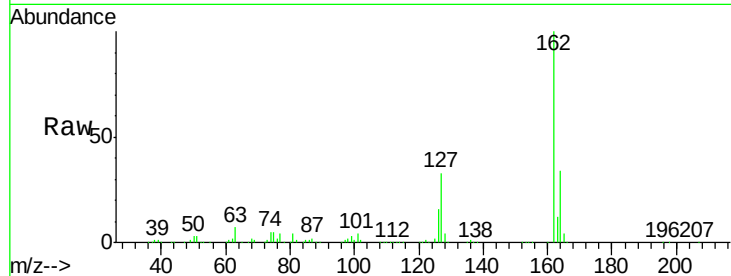
#47
 2-Chloronaphthalene
 Concen: 47.123 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	419310		
127	33.2	30.4	45.6	
164	33.7	28.6	42.8	

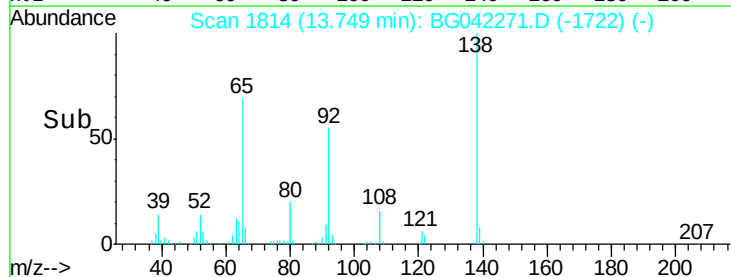
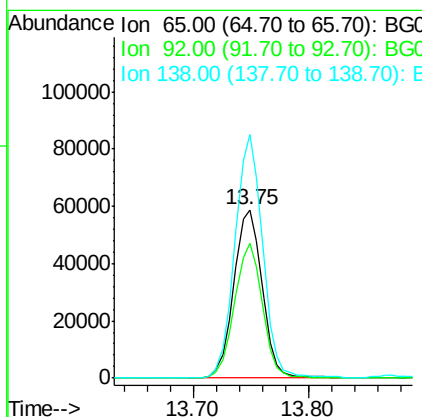
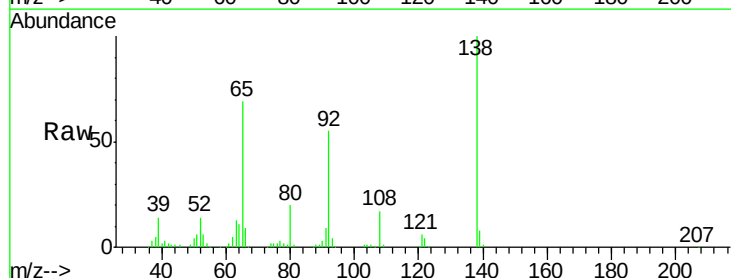
Manual Integrations
 APPROVED

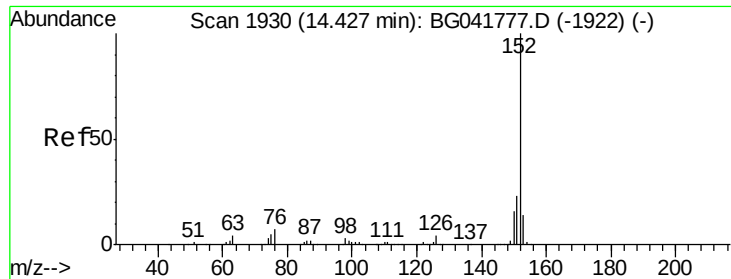
Jagrut
 8/20/2019 9:52:02 AM



#48
 2-Nitroaniline
 Concen: 44.477 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	100375		
92	80.2	53.9	80.9	
138	144.5	83.5	125.3	





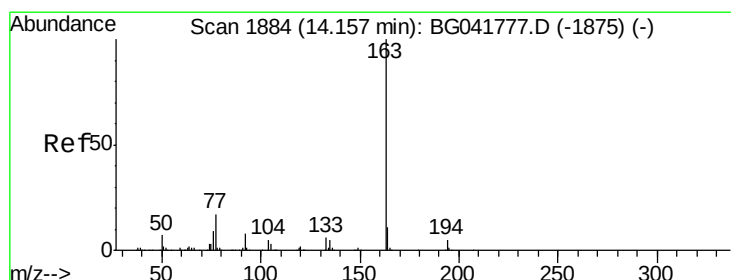
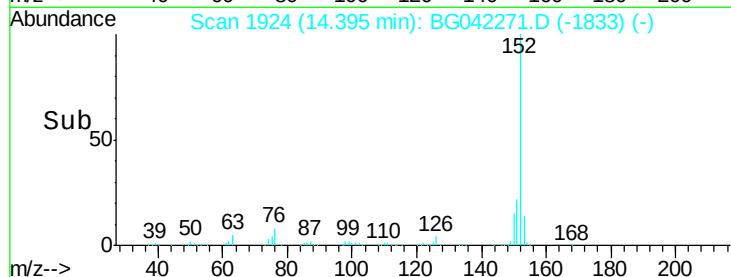
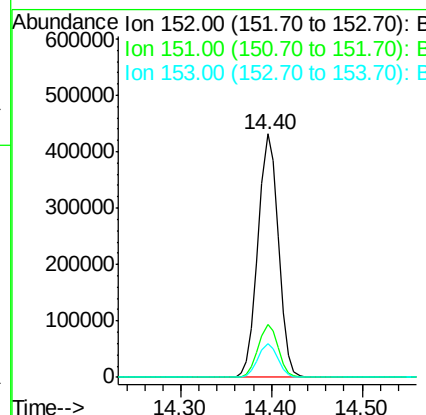
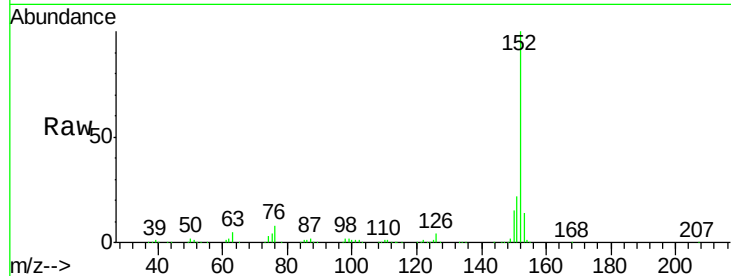
#49
Acenaphthylene
Concen: 50.558 ng
RT: 14.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.7	28.1
153	13.8	12.4	18.6

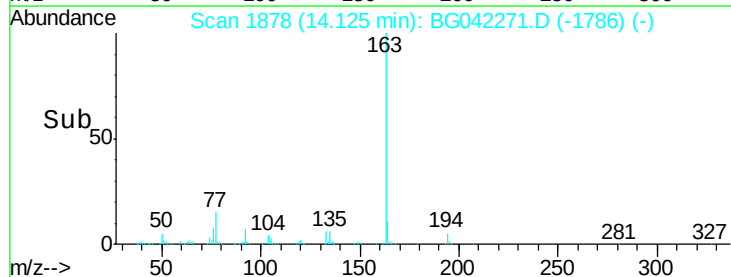
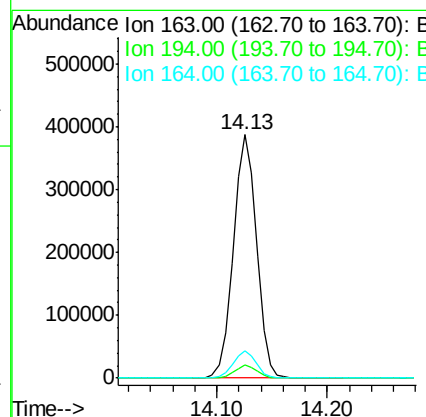
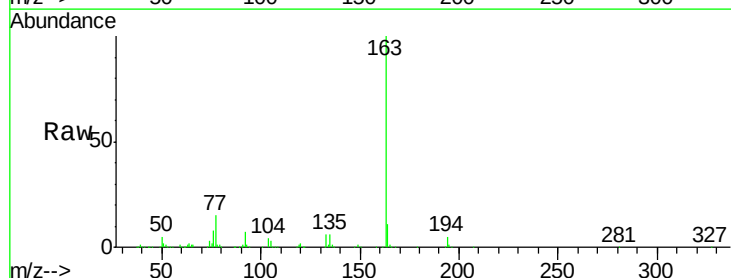
Manual Integrations
APPROVED

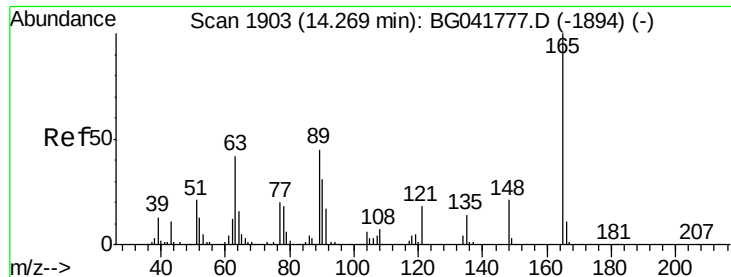
Jagrut
8/20/2019 9:52:02 AM



#50
Dimethylphthalate
Concen: 51.420 ng
RT: 14.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	11.4	9.4	14.2





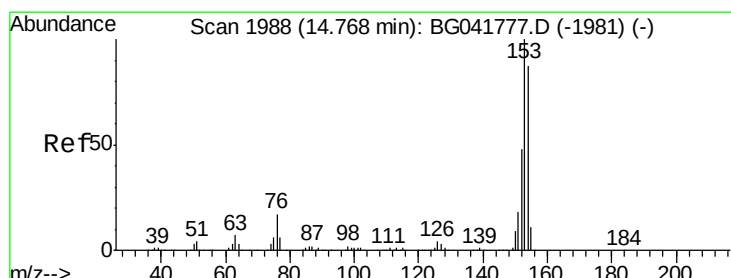
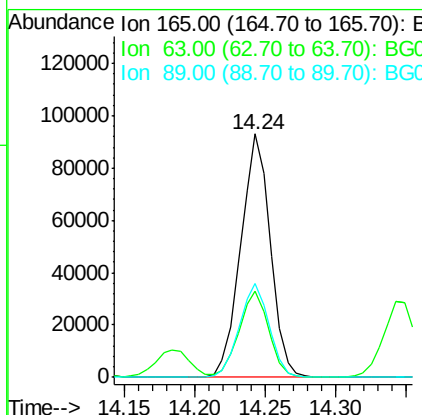
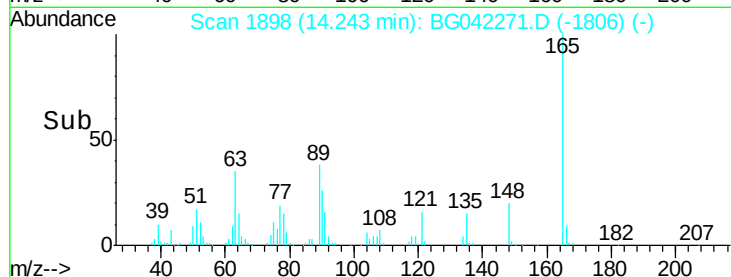
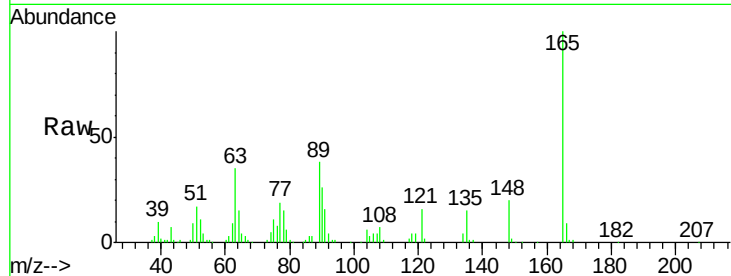
#51
 2,6-Dinitrotoluene
 Concen: 58.697 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.2	42.4	63.6#
89	38.3	42.1	63.1#

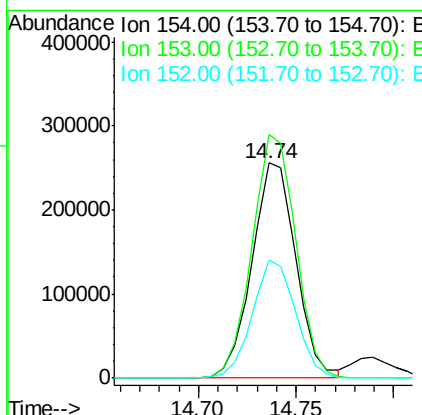
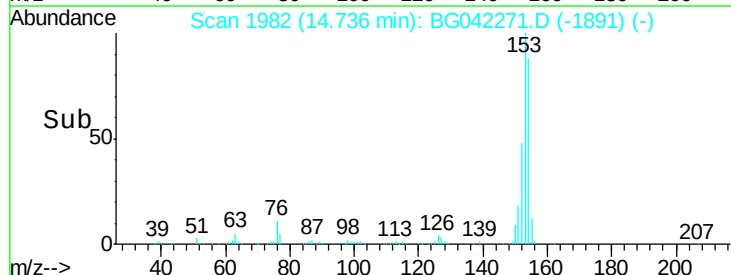
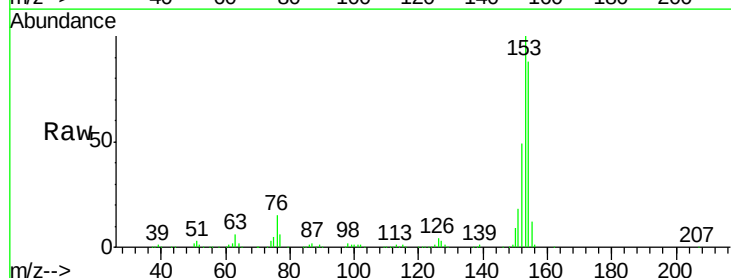
Manual Integrations
 APPROVED

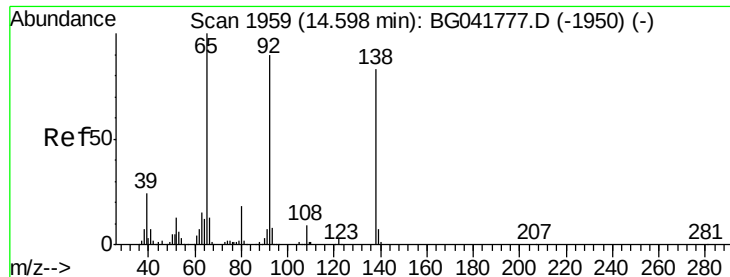
Jagrut
 8/20/2019 9:52:02 AM



#52
 Acenaphthene
 Concen: 46.176 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.6
152	55.0	44.9	67.3





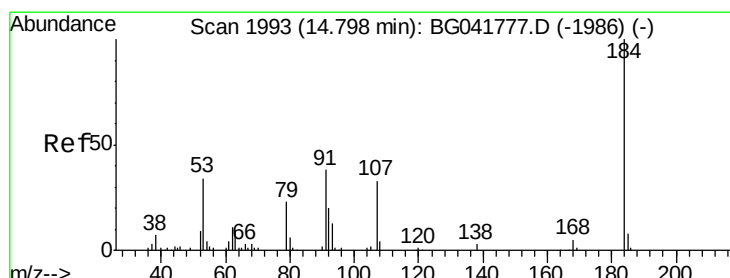
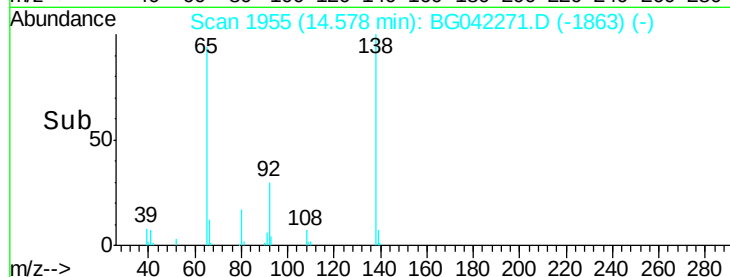
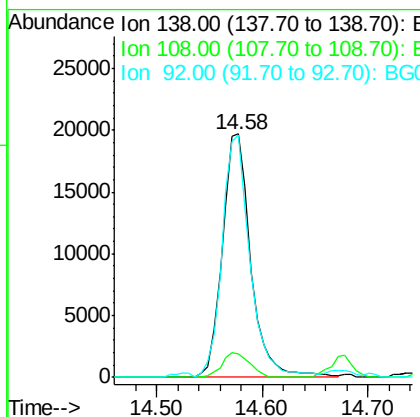
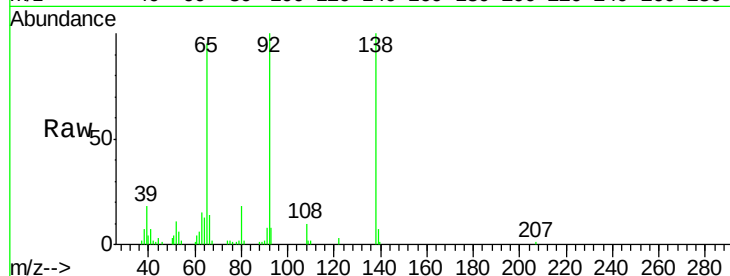
#53
3-Nitroaniline
Concen: 14.769 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	10.3	15.5#
92	99.6	93.0	139.4

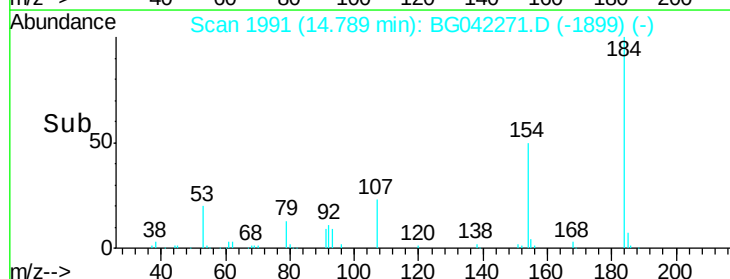
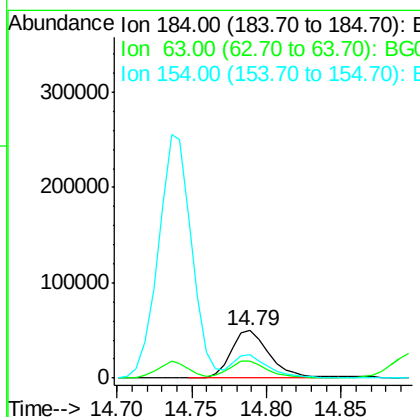
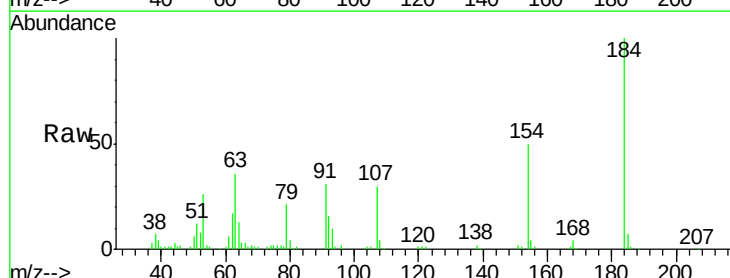
Manual Integrations
APPROVED

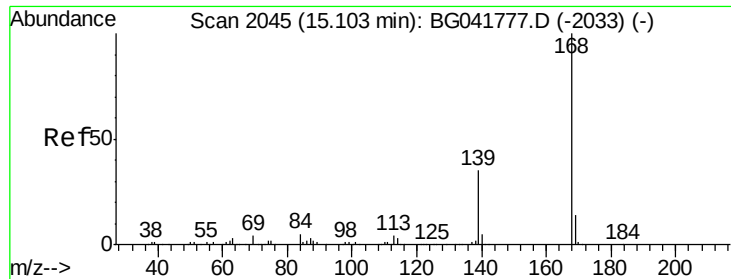
Jagrut
8/20/2019 9:52:02 AM



#54
2,4-Dinitrophenol
Concen: 68.027 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.1	43.2	64.8#
154	49.6	51.4	77.2#





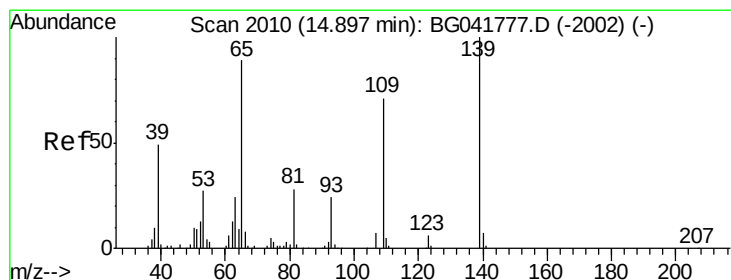
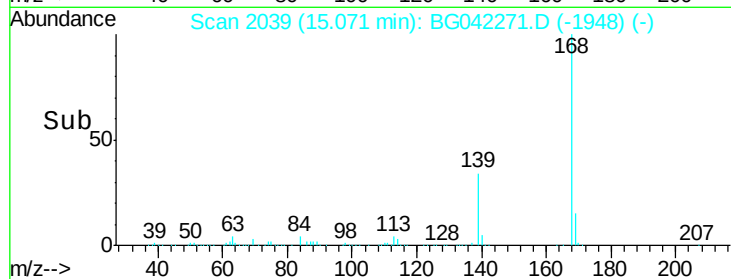
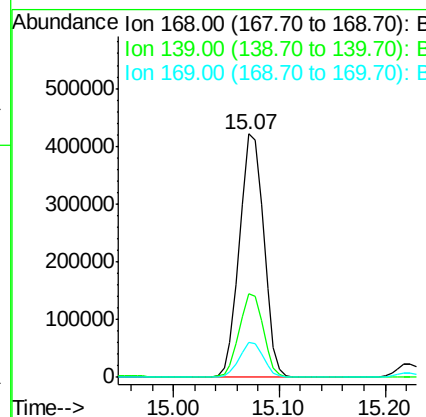
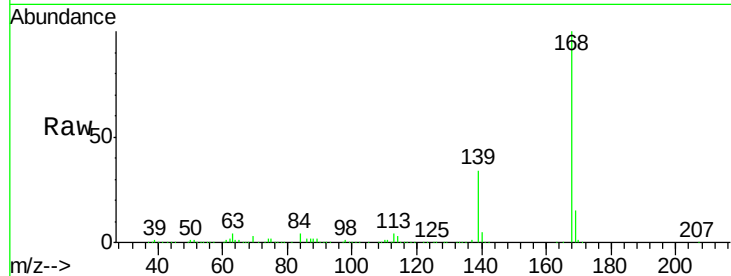
#55
Dibenzenofuran
Concen: 50.624 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.3	31.9	47.9
169	14.5	12.5	18.7

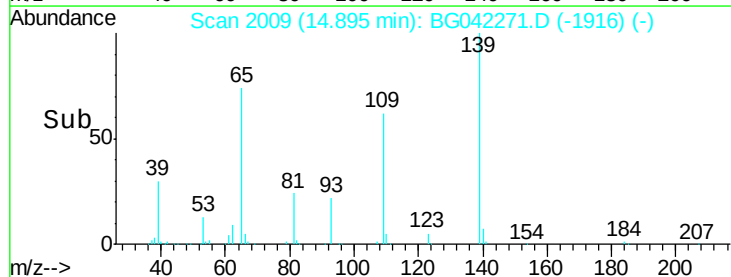
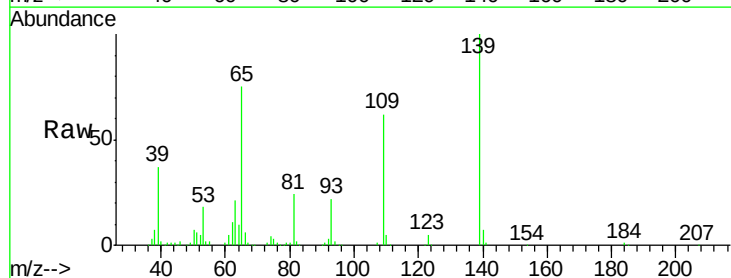
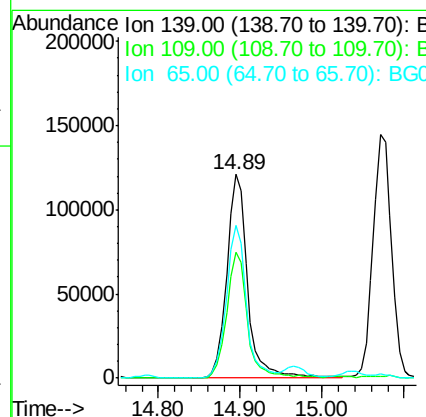
Manual Integrations
APPROVED

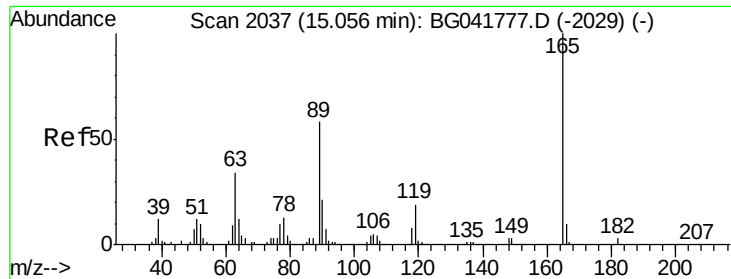
Jagrut
8/20/2019 9:52:02 AM



#56
4-Nitrophenol
Concen: 113.522 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	51.3	91.3
65	74.9	77.6	117.6#





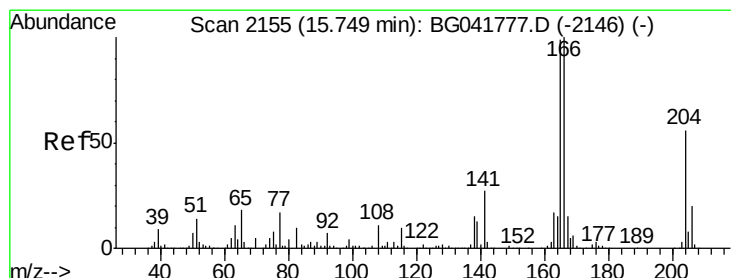
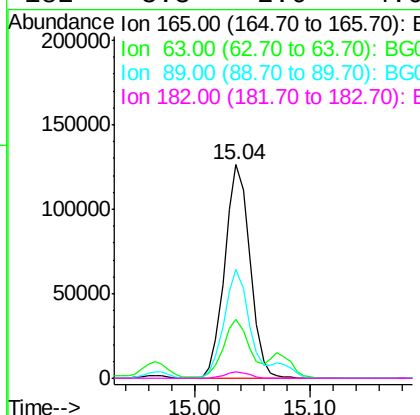
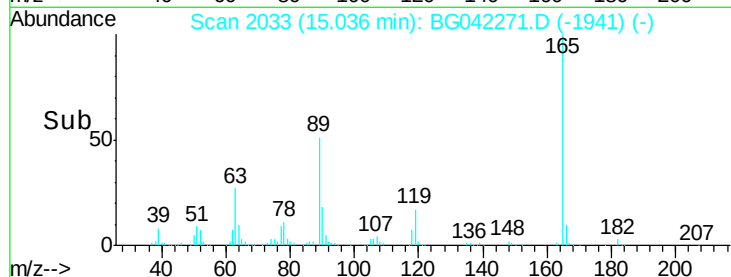
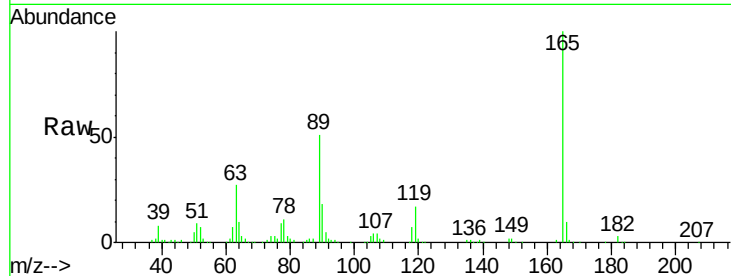
#57
2,4-Dinitrotoluene
Concen: 60.033 ng
RT: 15.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191686		
63	27.3	31.7	47.5#	
89	51.0	50.2	75.4	
182	3.3	2.6	4.0	

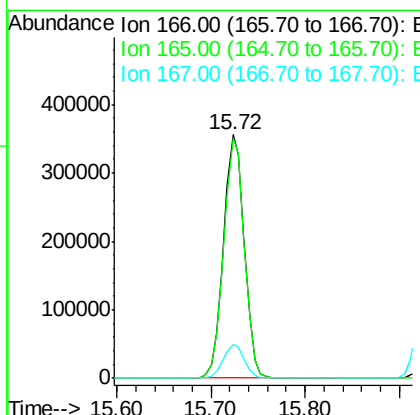
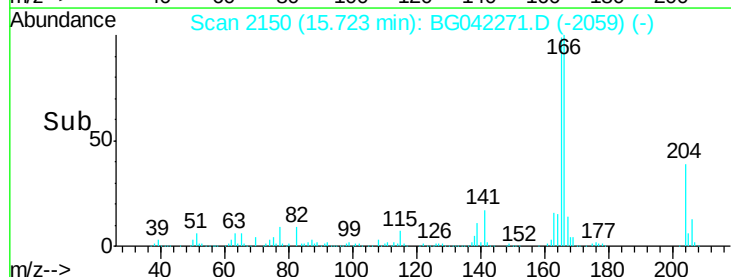
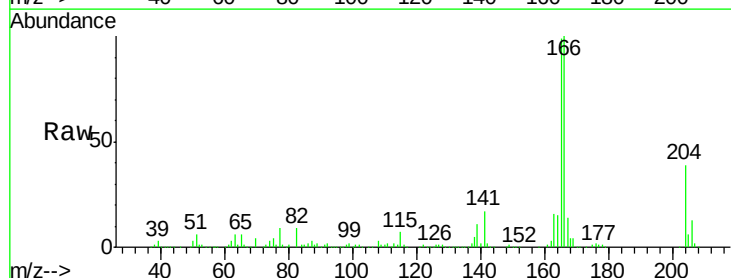
Manual Integrations
APPROVED

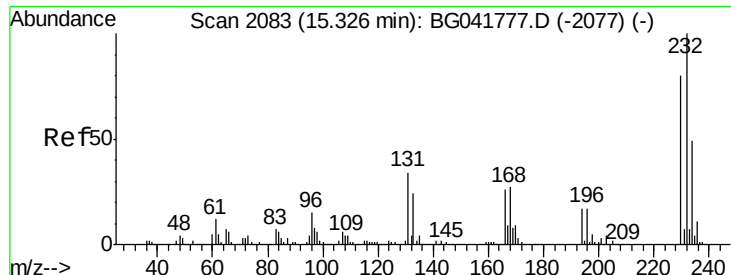
Jagrut
8/20/2019 9:52:02 AM



#58
Fluorene
Concen: 51.432 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	546525		
165	98.5	80.5	120.7	
167	13.9	12.4	18.6	





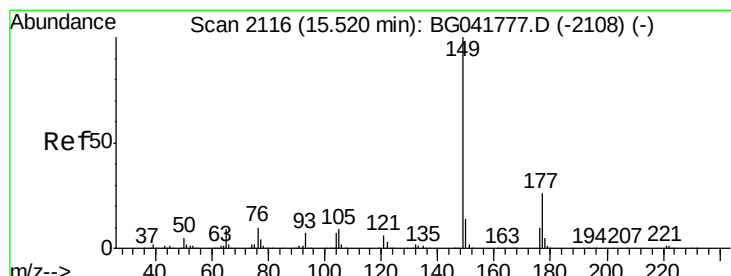
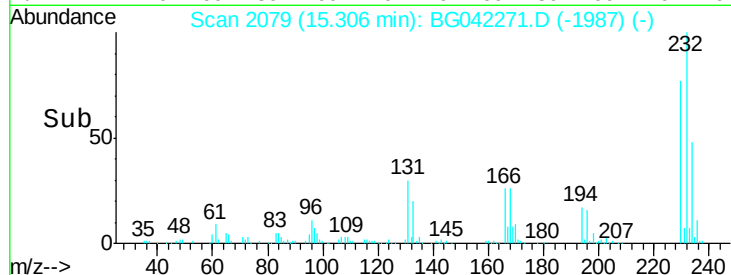
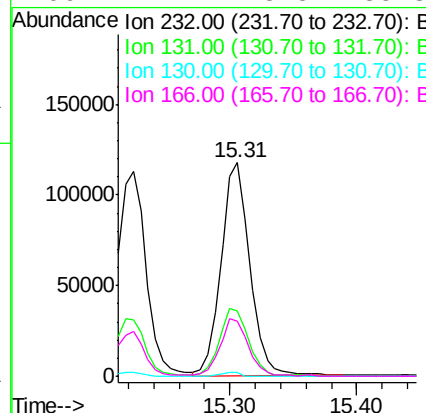
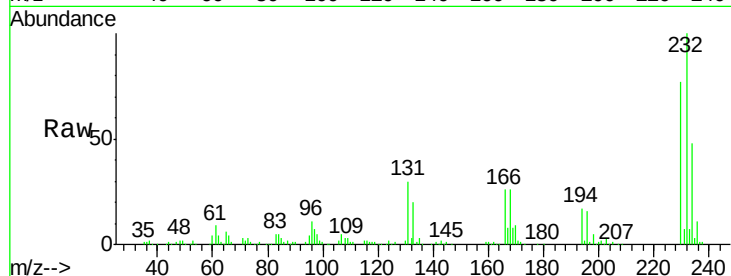
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.113 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184510		
131	32.2	31.8	47.6	
130	1.2	1.8	2.8	
166	27.2	23.5	35.3	

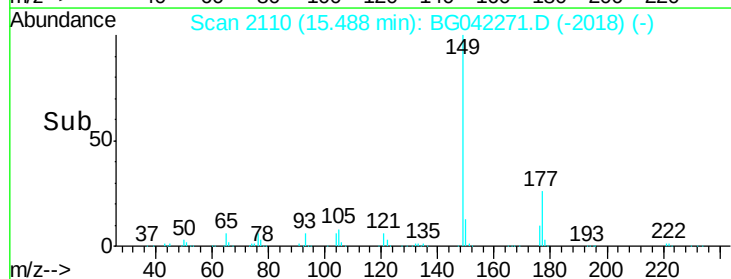
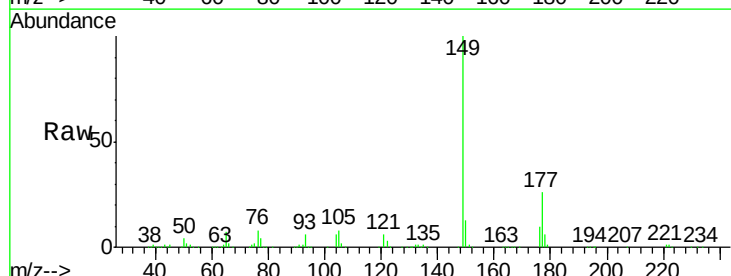
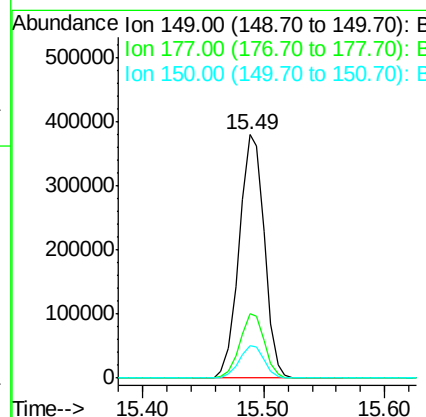
Manual Integrations
 APPROVED

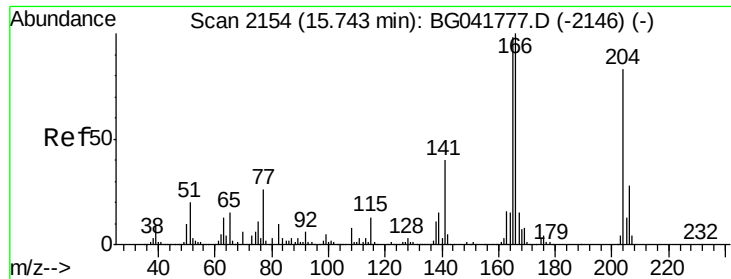
Jagrut
 8/20/2019 9:52:02 AM



#60
 Diethylphthalate
 Concen: 50.594 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	551545		
177	26.4	20.7	31.1	
150	13.2	11.5	17.3	





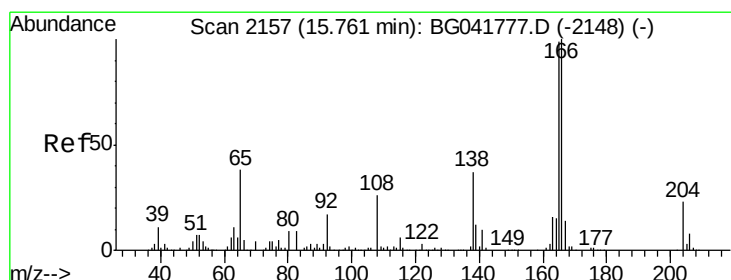
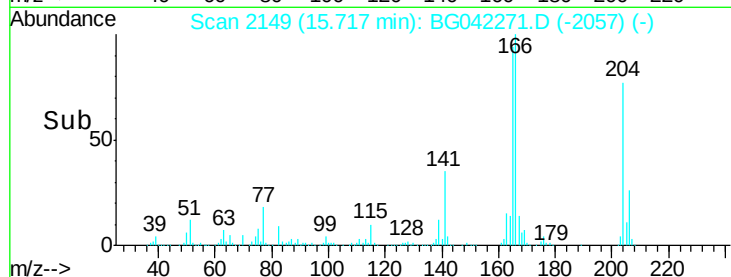
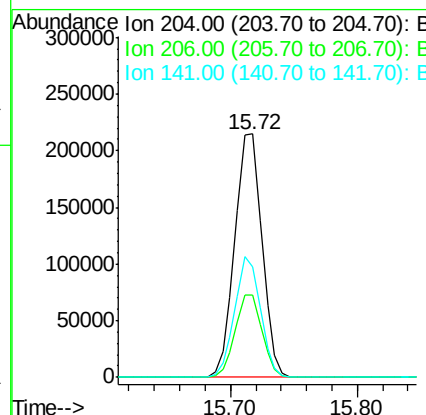
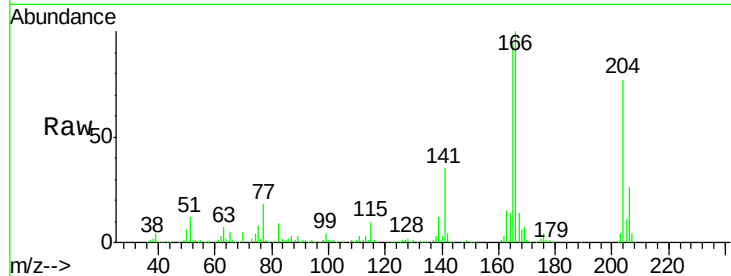
#61
4-Chlorophenyl-phenylether
Concen: 49.022 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.6	42.8
141	45.2	42.9	64.3

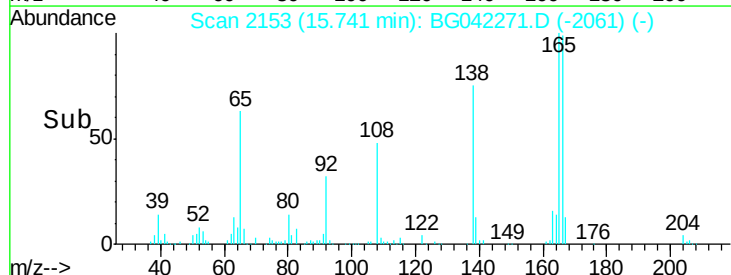
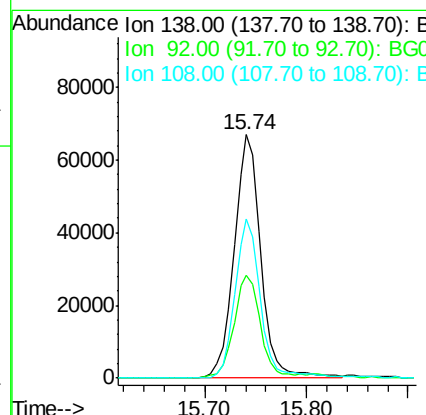
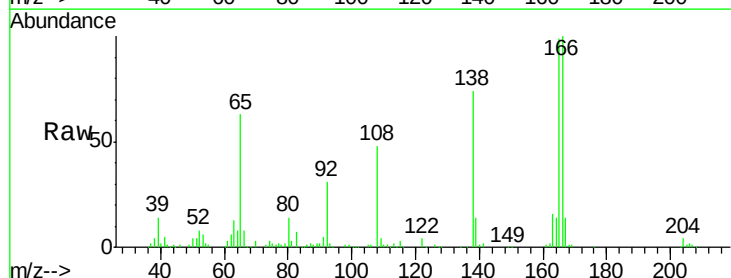
Manual Integrations
APPROVED

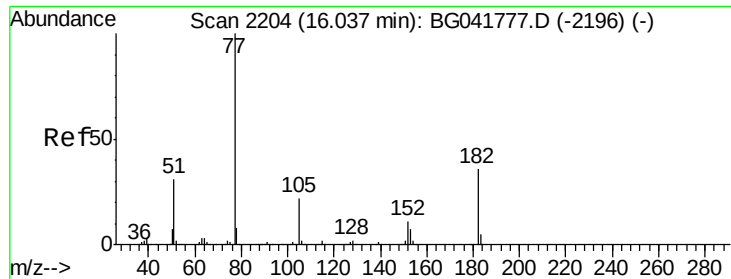
Jagrut
8/20/2019 9:52:02 AM



#62
4-Nitroaniline
Concen: 45.232 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.4	29.8	69.8
108	65.2	52.2	92.2





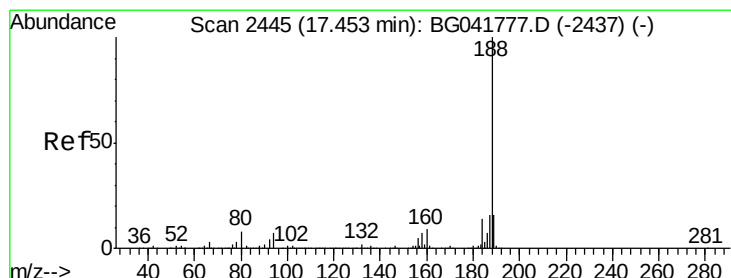
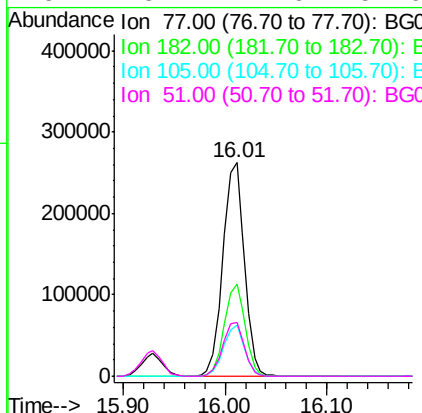
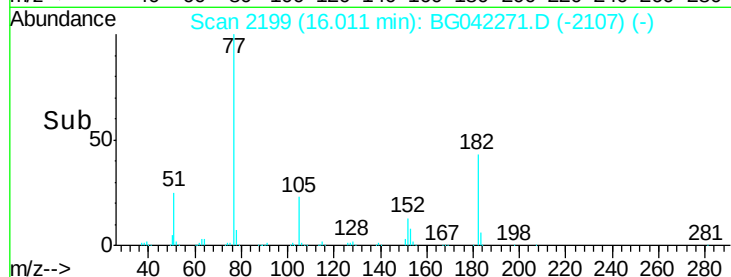
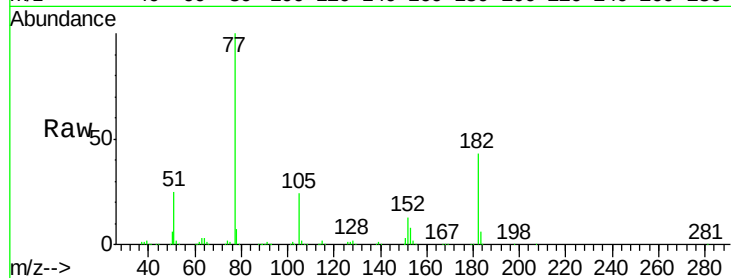
#63
Azobenzene
Concen: 43.147 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	43.0	13.2	53.2
105	24.2	2.2	42.2
51	25.1	14.6	54.6

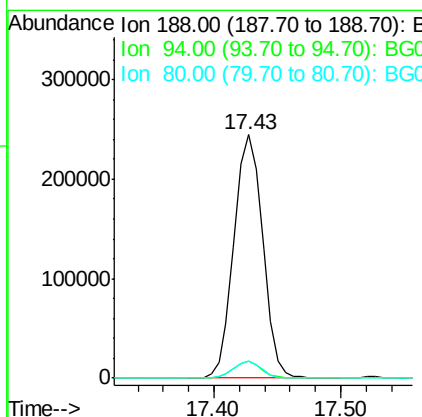
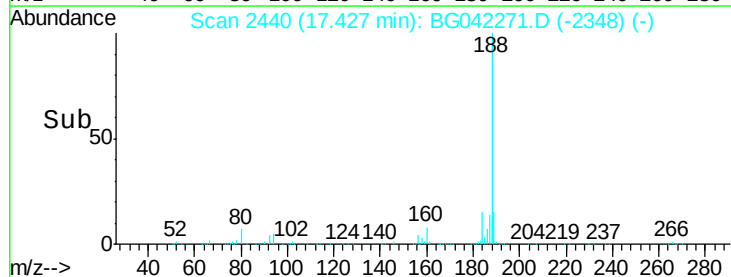
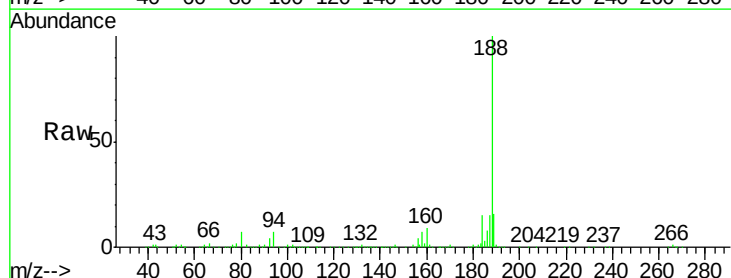
Manual Integrations
APPROVED

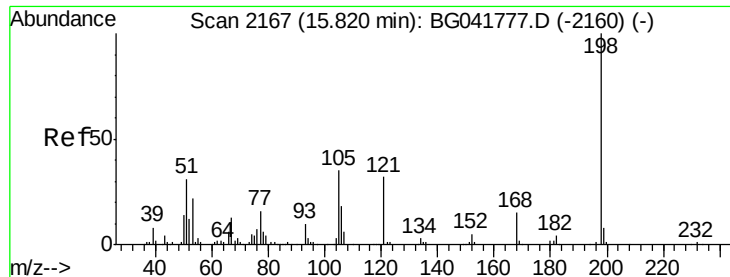
Jagrut
8/20/2019 9:52:02 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.0	8.0	12.0#





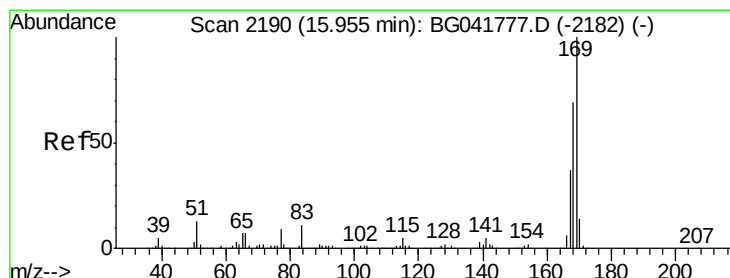
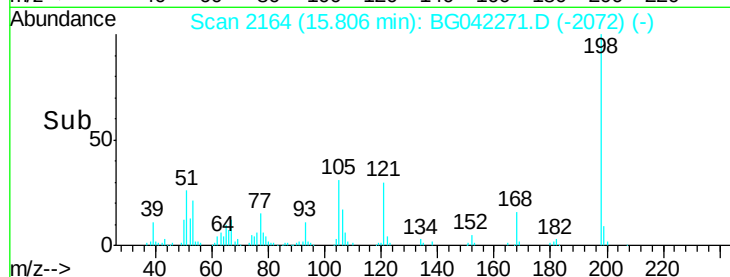
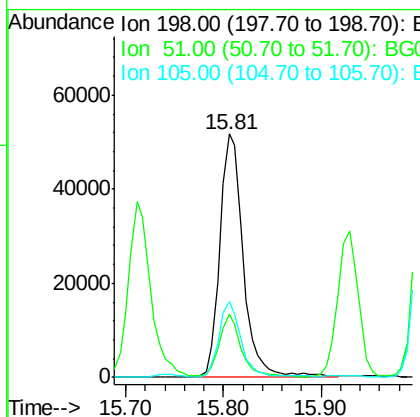
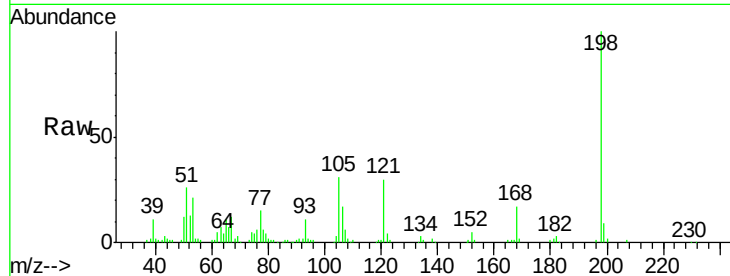
#65
4,6-Dinitro-2-methylphenol
Concen: 46.024 ng
RT: 15.81 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	26.2	22.3	62.3
105	31.1	18.0	58.0

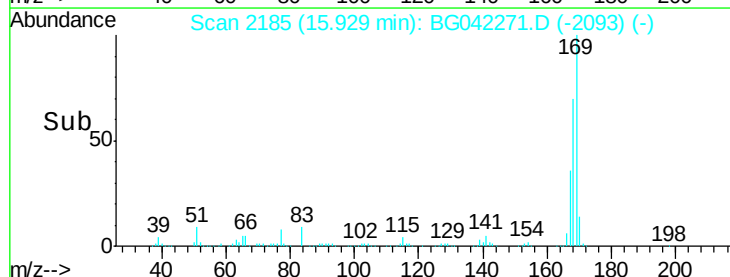
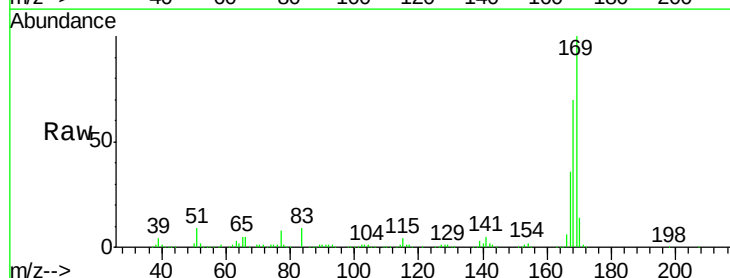
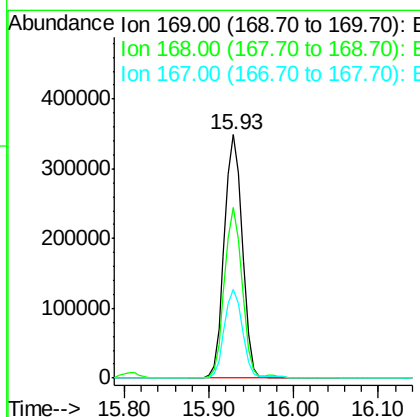
Manual Integrations
APPROVED

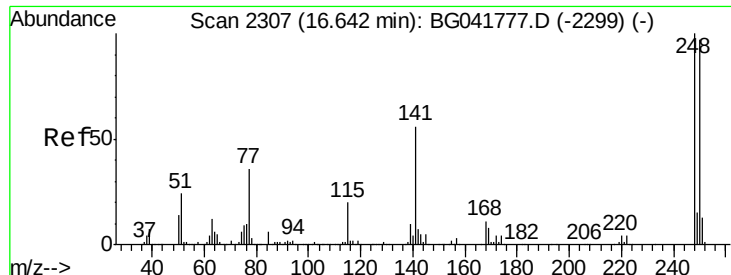
Jagrut
8/20/2019 9:52:02 AM



#66
n-Nitrosodiphenylamine
Concen: 49.032 ng
RT: 15.93 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.9	85.3
167	36.3	31.5	47.3





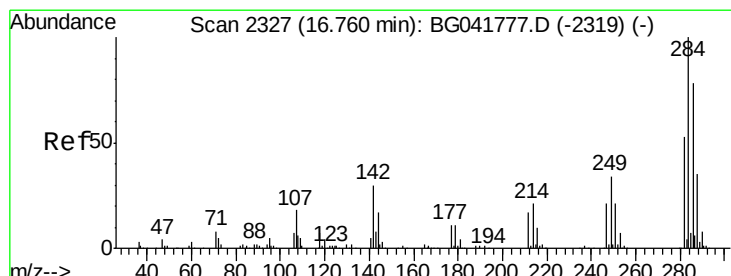
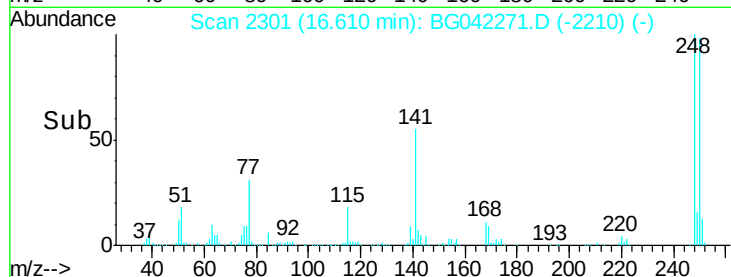
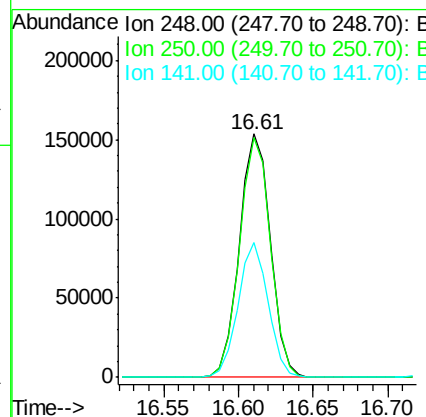
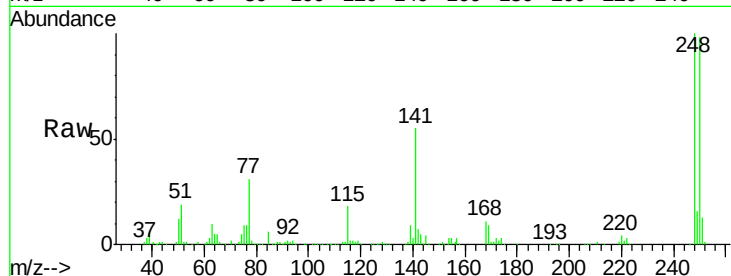
#67
 4-Bromophenyl-phenylether
 Concen: 46.857 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.1	117.1
141	55.3	49.6	74.4

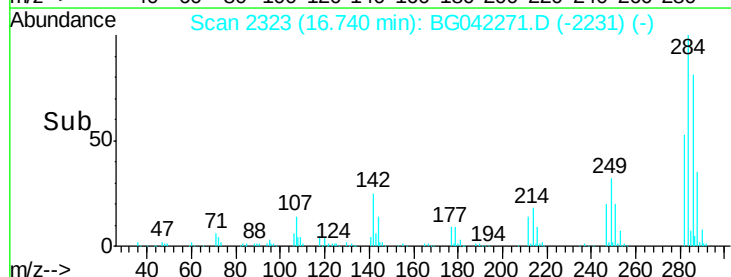
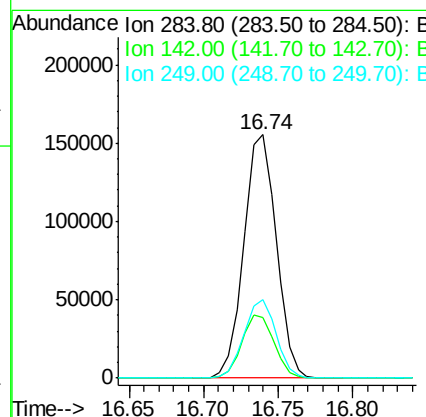
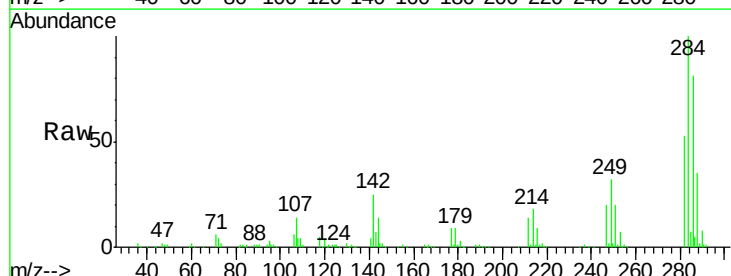
Manual Integrations
 APPROVED

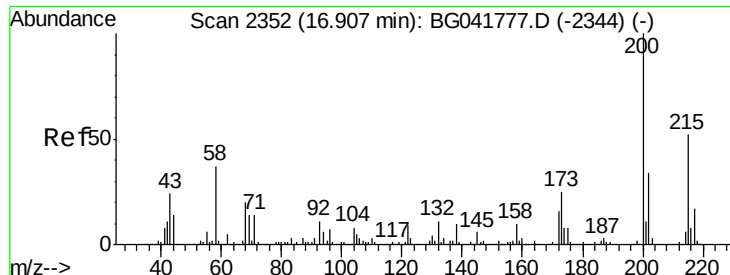
Jagrut
 8/20/2019 9:52:02 AM



#68
 Hexachlorobenzene
 Concen: 47.121 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	27.0	40.6#
249	32.4	28.4	42.6





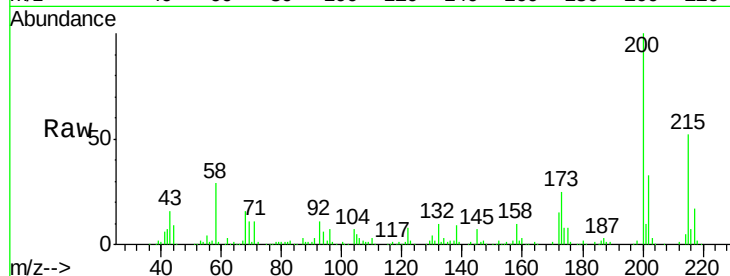
#69
Atrazine
Concen: 46.754 ng
RT: 16.88 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

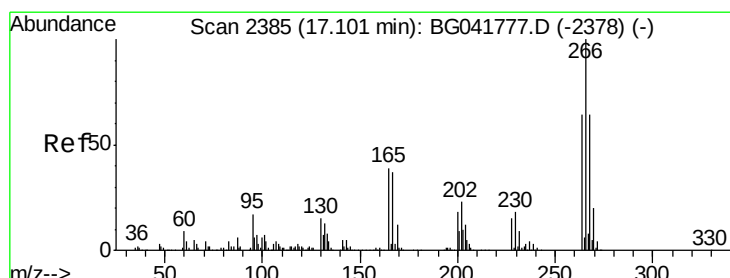
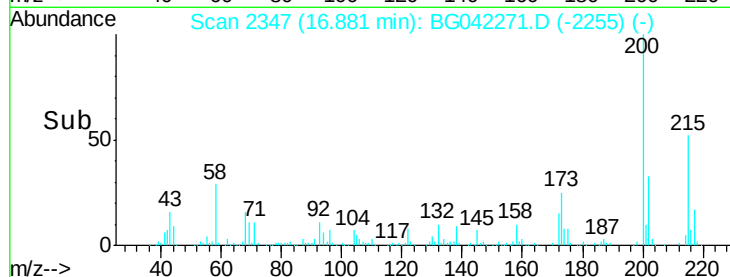
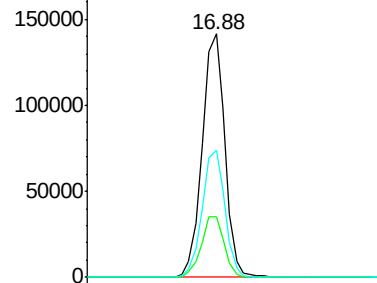
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	5.3	45.3
215	52.4	31.8	71.8

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM

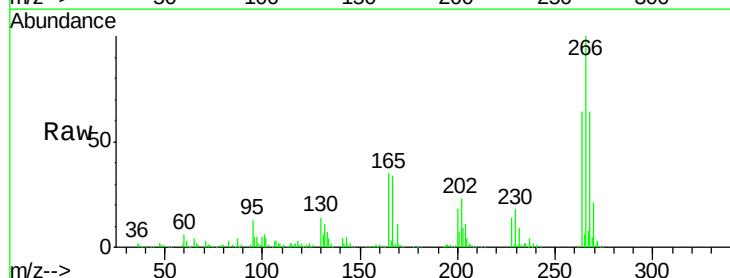


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

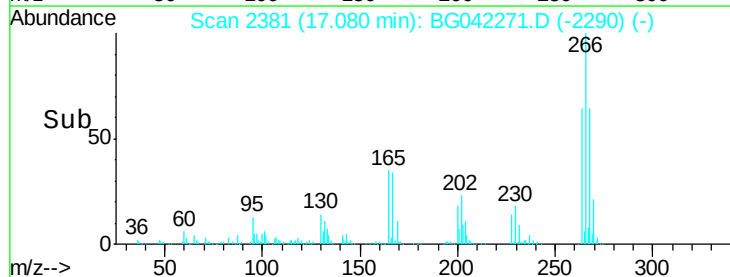
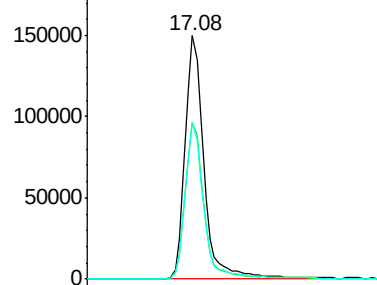


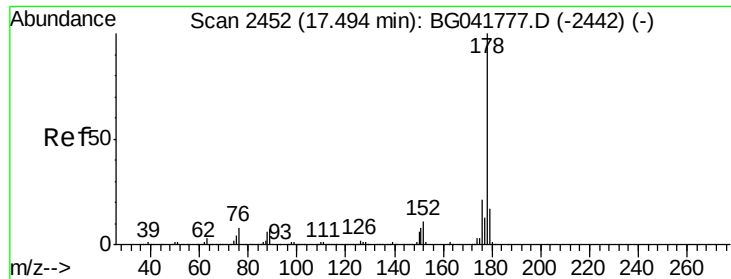
#70
Pentachlorophenol
Concen: 94.028 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	52.9	79.3
264	64.1	51.4	77.2



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





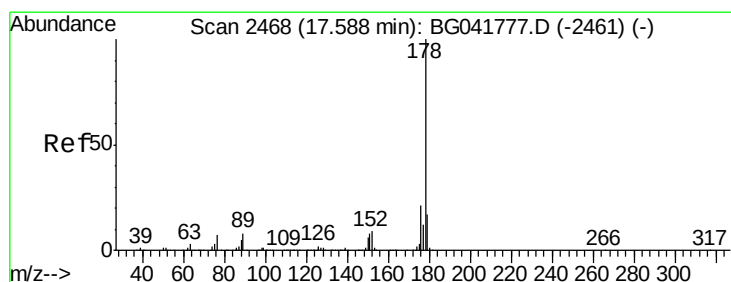
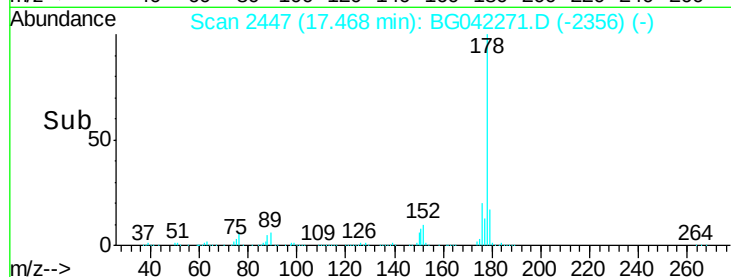
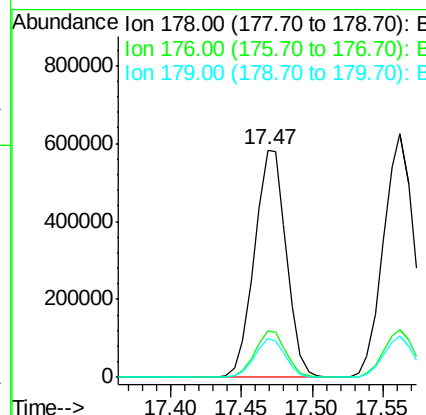
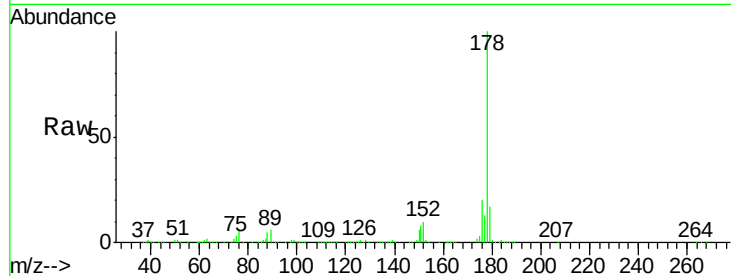
#71
Phenanthrene
Concen: 50.236 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	18.6	28.0
179	17.0	15.4	23.0

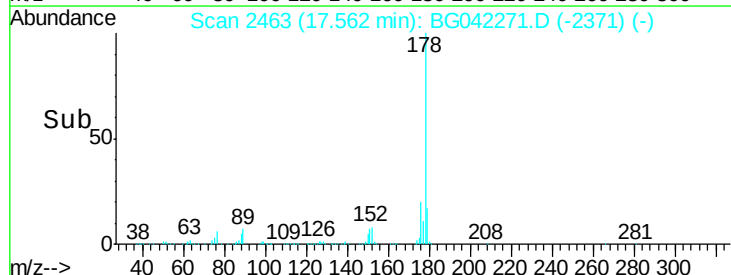
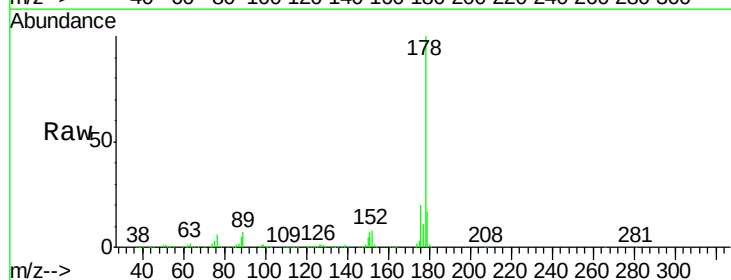
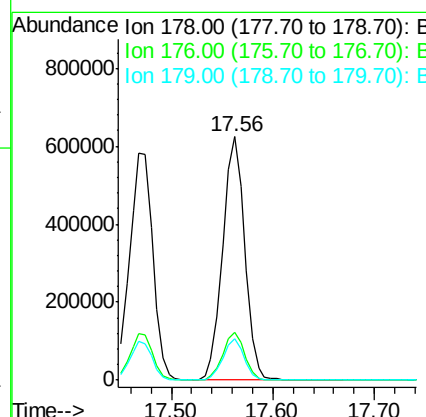
Manual Integrations
APPROVED

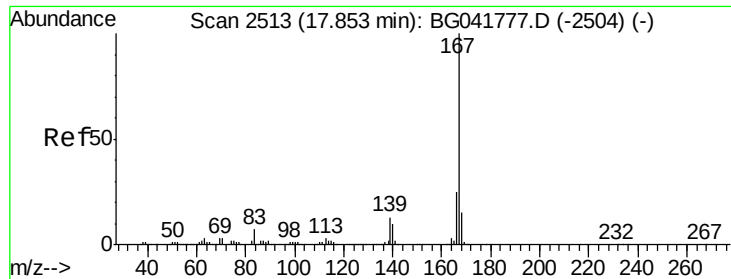
Jagrut
8/20/2019 9:52:02 AM



#72
Anthracene
Concen: 51.219 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.6	28.0
179	16.8	15.1	22.7





#73

Carbazole

Concen: 51.815 ng

RT: 17.83 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

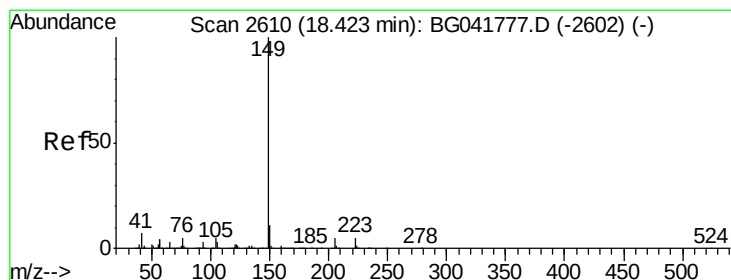
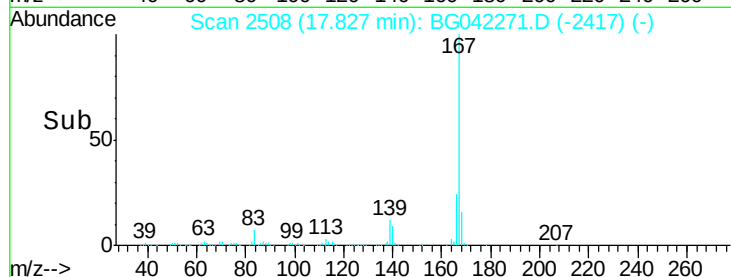
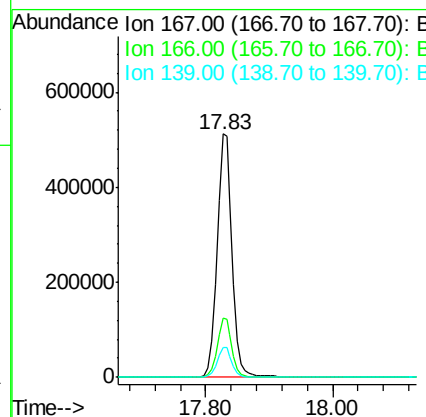
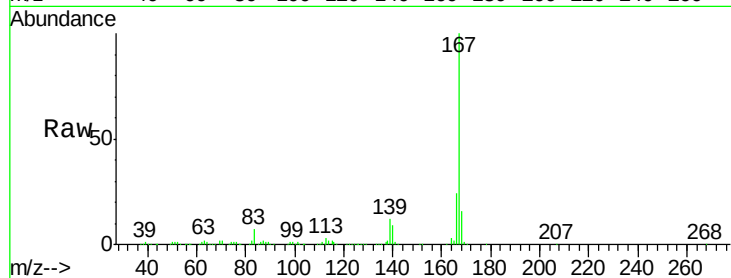
ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion:	167	Resp:	855175
Ion Ratio	Lower	Upper	
167	100		
166	24.2	21.4	32.2
139	12.3	12.1	18.1

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



#74

Di-n-butylphthalate

Concen: 51.881 ng

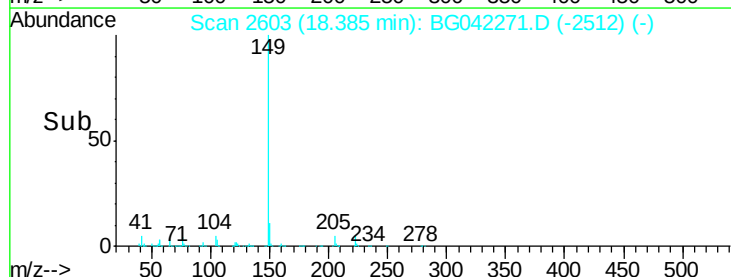
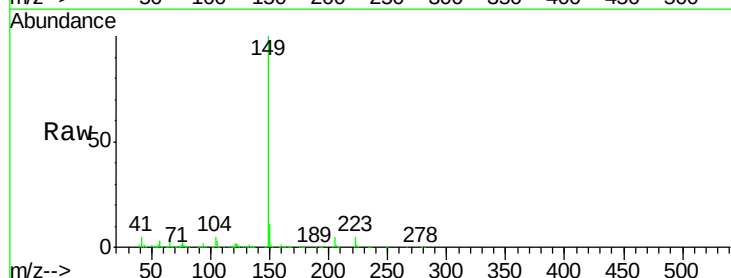
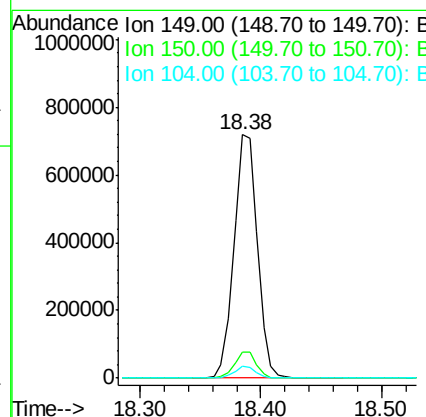
RT: 18.38 min Scan# 2603

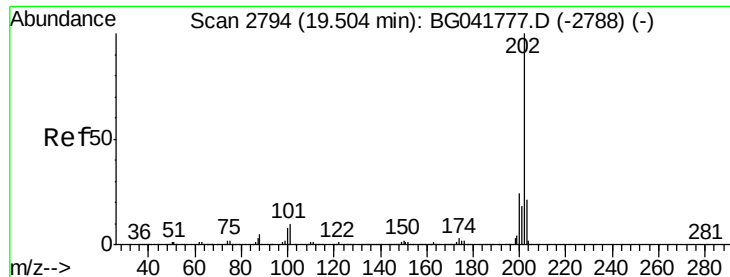
Delta R.T. 0.00 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion:	149	Resp:	970747
Ion Ratio	Lower	Upper	
149	100		
150	10.7	10.2	15.2
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 53.021 ng

RT: 19.48 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

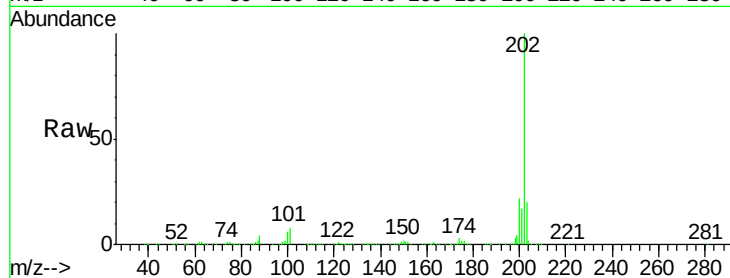
ClientSampleId :

REACTOR-3-B-(0-3)MS

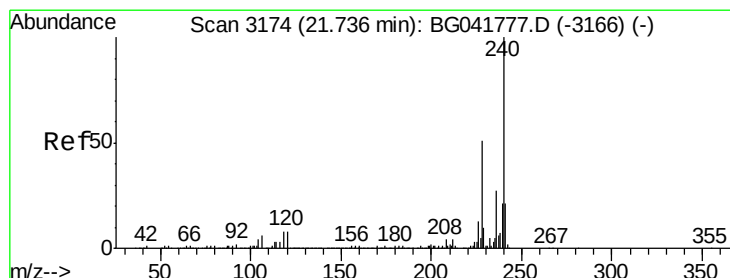
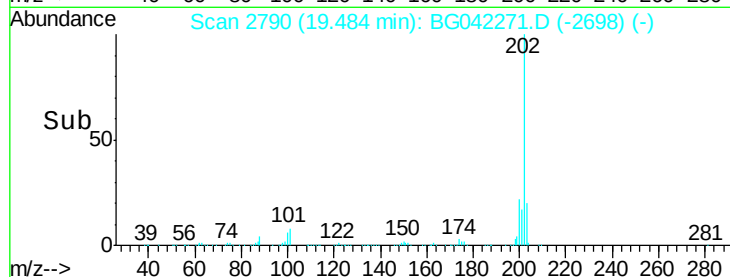
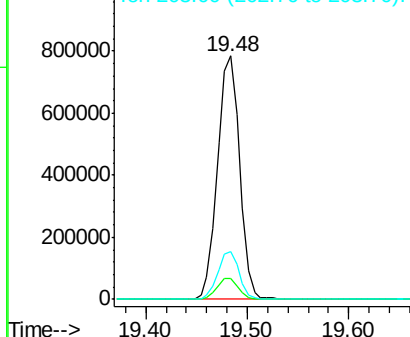
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.8
203	19.7	3.7	43.7

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

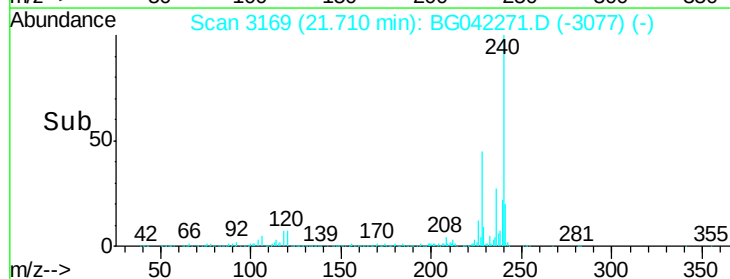
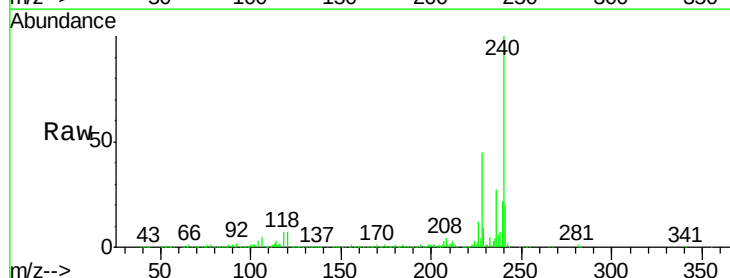
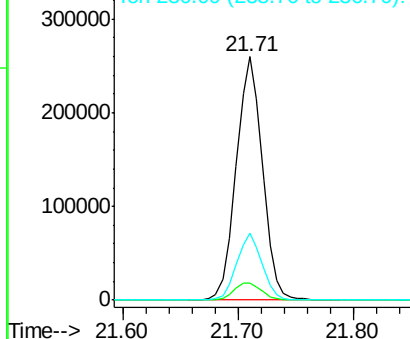
Delta R.T. 0.01 min

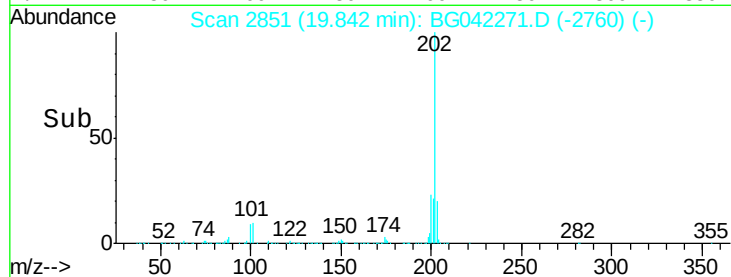
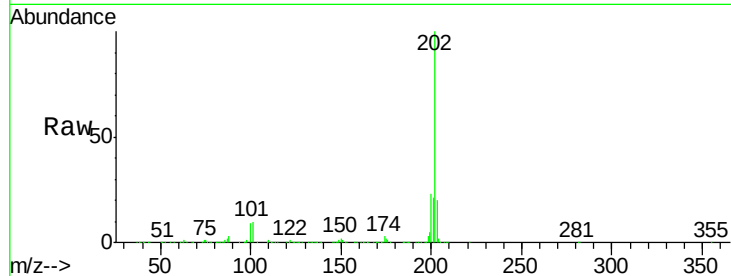
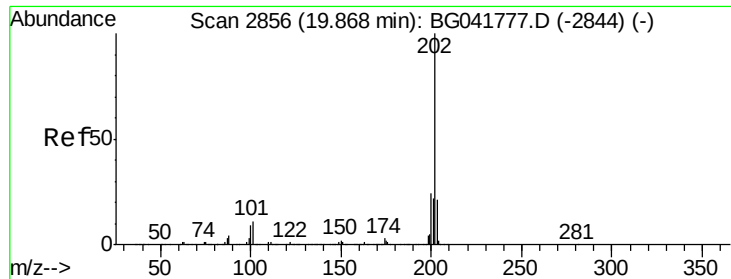
Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.0	12.0#
236	27.3	22.6	33.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





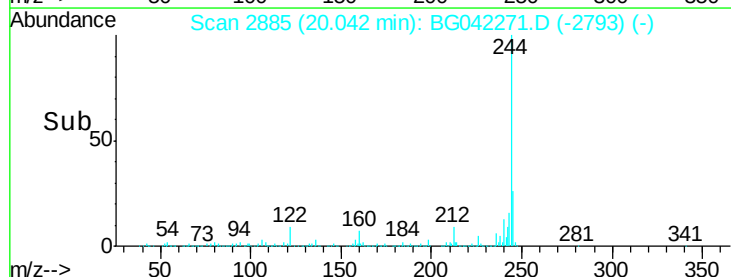
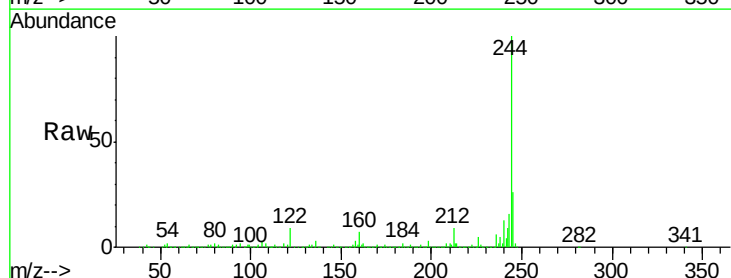
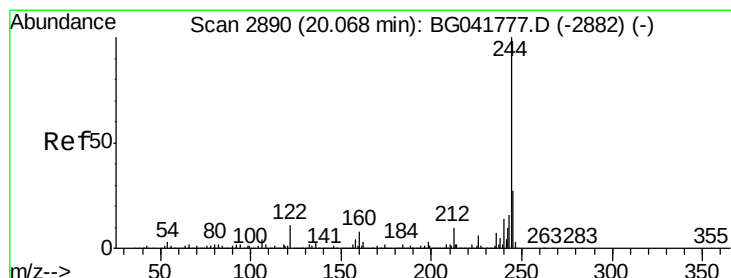
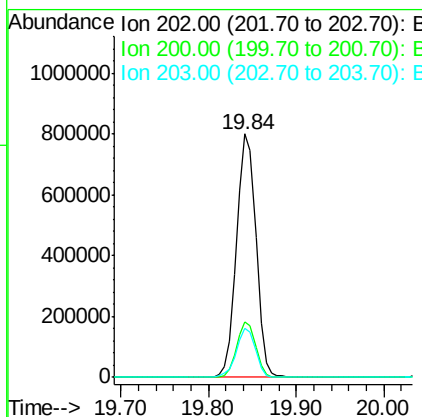
#78
Pvrene
Concen: 49.356 ng
RT: 19.84 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	22.2	33.2
203	20.0	18.9	28.3

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

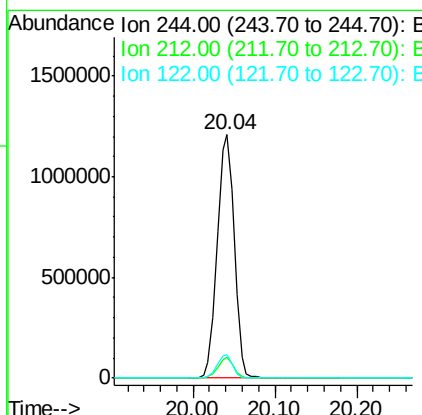
Manual Integrations
APPROVED

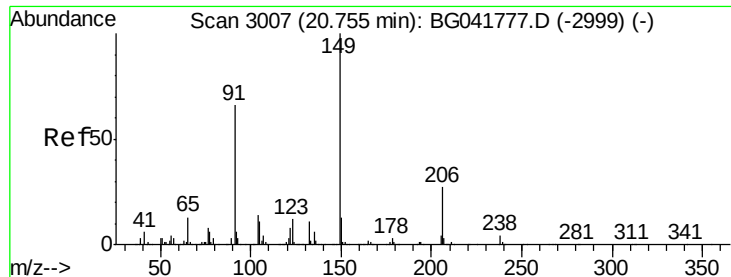
Jagrut
8/20/2019 9:52:02 AM



#79
Terphenyl-d14
Concen: 98.472 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	9.7	14.5#
122	9.4	12.5	18.7#





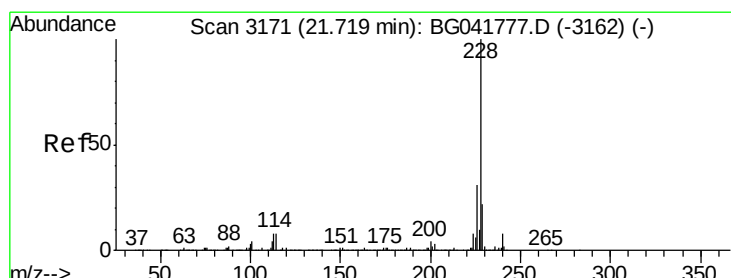
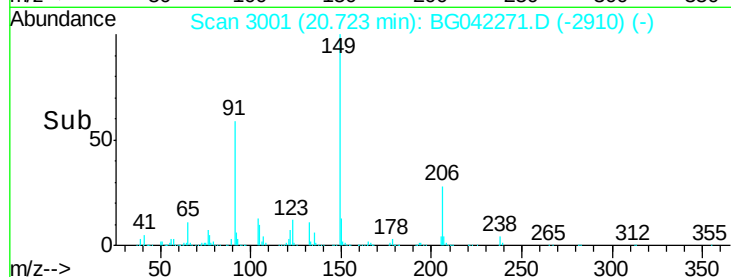
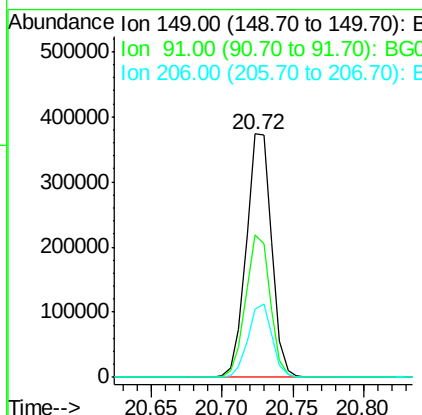
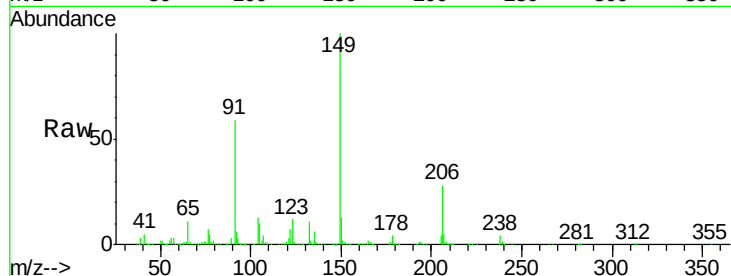
#80
Butylbenzylphthalate
Concen: 50.749 ng
RT: 20.72 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.7	58.9	88.3#
206	28.2	20.8	31.2

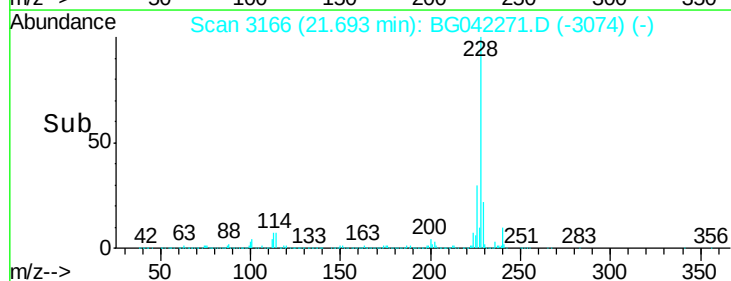
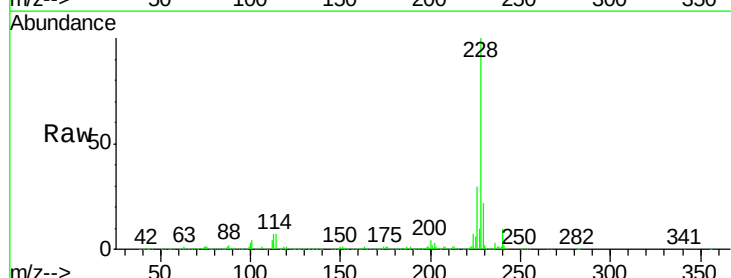
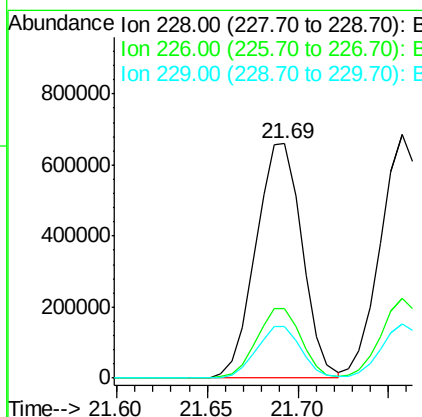
Manual Integrations
APPROVED

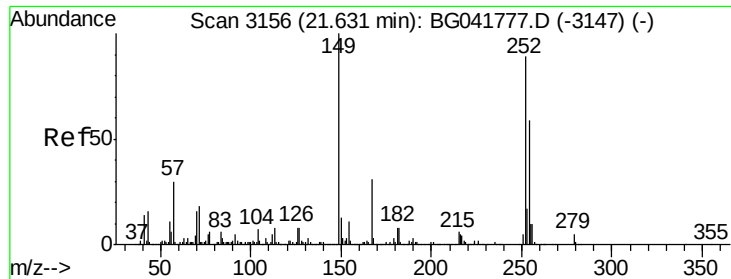
Jagrut
8/20/2019 9:52:02 AM



#81
Benzo(a)anthracene
Concen: 48.624 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	27.3	40.9
229	22.0	19.7	29.5





#82

3,3'-Dichlorobenzidine

Concen: 17.921 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

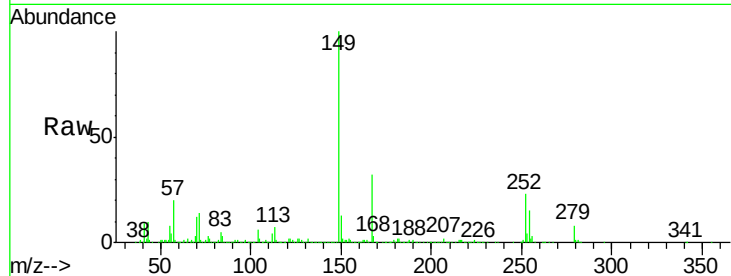
ClientSampleId :

REACTOR-3-B-(0-3)MS

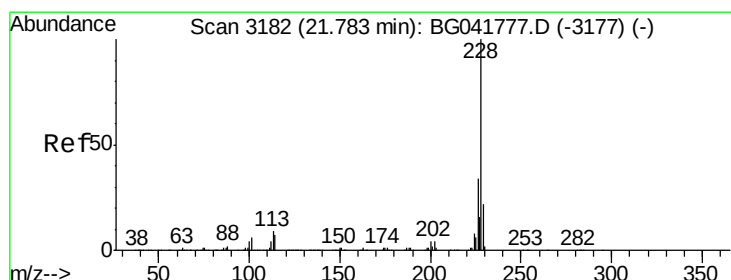
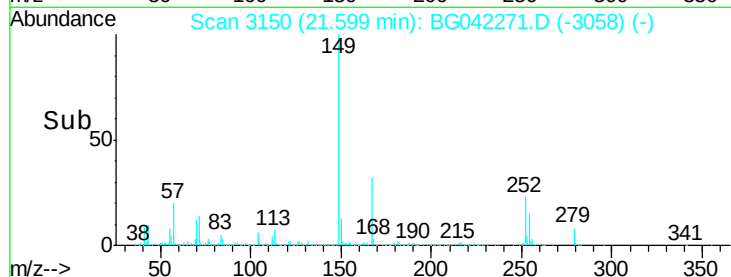
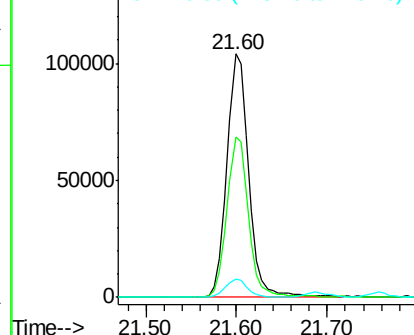
Tot Ion:	252	Resp:	173710
Ion Ratio	Lower	Upper	
252	100		
254	65.8	53.8	80.6
126	7.6	7.8	11.8#

Manual Integrations
APPROVED

Jagrut
8/20/2019 9:52:02 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 49.435 ng

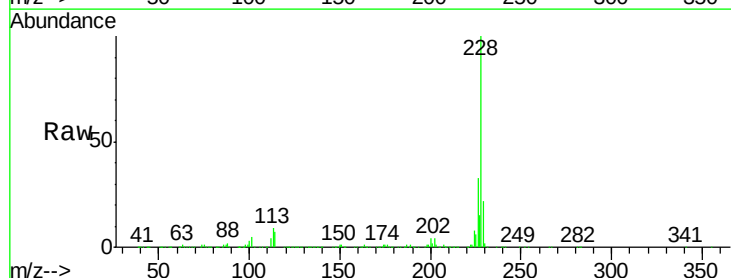
RT: 21.76 min Scan# 3177

Delta R.T. 0.01 min

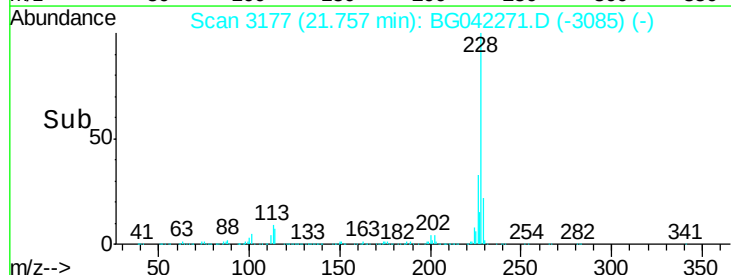
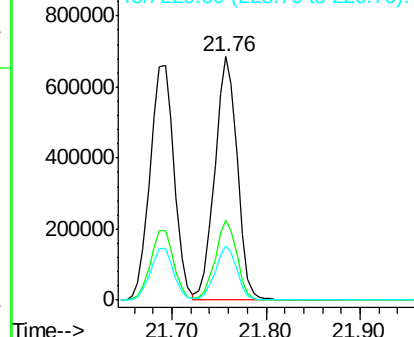
Lab File: BG042271.D

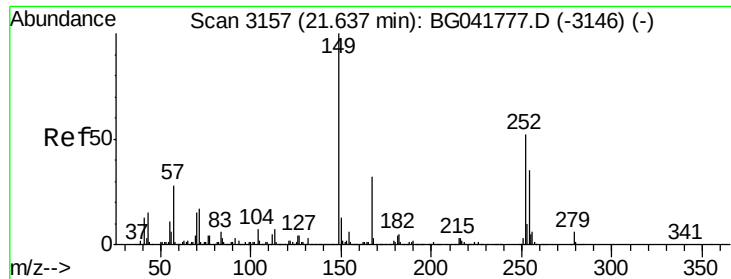
Acq: 16 Aug 2019 22:26

Tgt Ion:	228	Resp:	1144030
Ion Ratio	Lower	Upper	
228	100		
226	32.9	30.1	45.1
229	22.1	19.8	29.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.185 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion:149 Resp: 654460

Ion Ratio Lower Upper

149 100

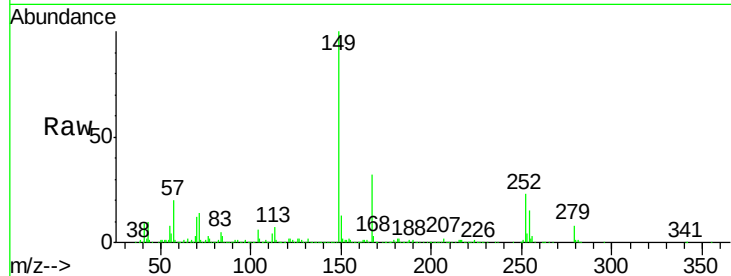
167 31.9 27.0 40.4

279 7.6 5.0 7.6#

Manual Integrations
APPROVED

Jagrut

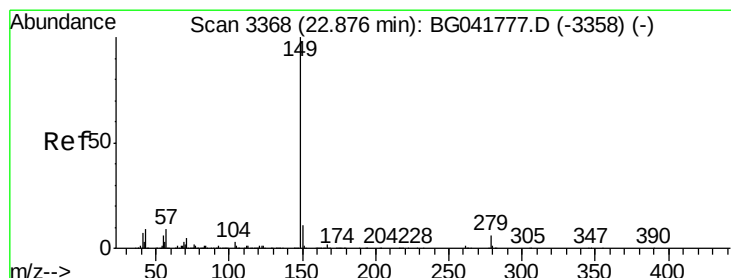
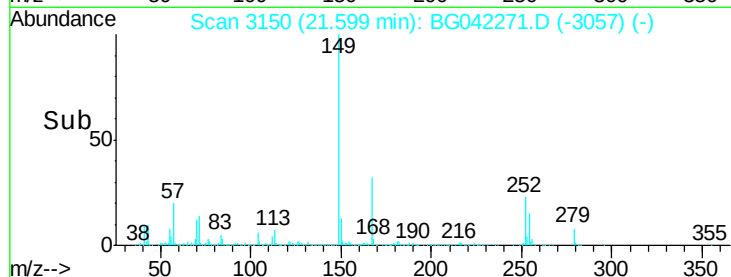
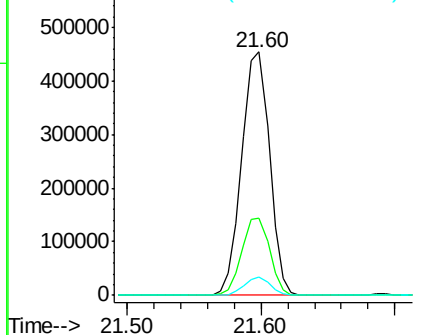
8/20/2019 9:52:02 AM



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



#85

Di-n-octyl phthalate

Concen: 52.421 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

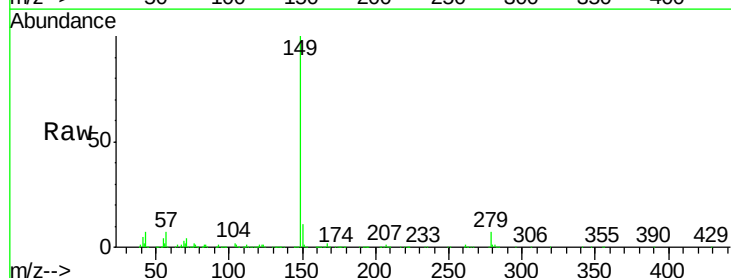
Tgt Ion:149 Resp: 1128012

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

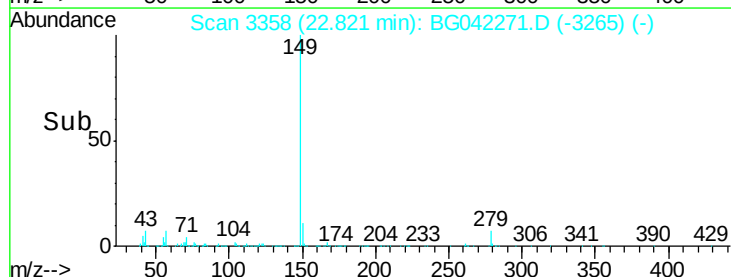
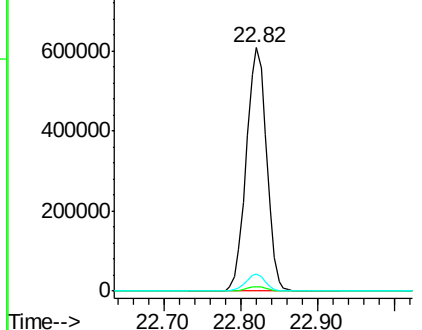
43 6.6 10.6 16.0#

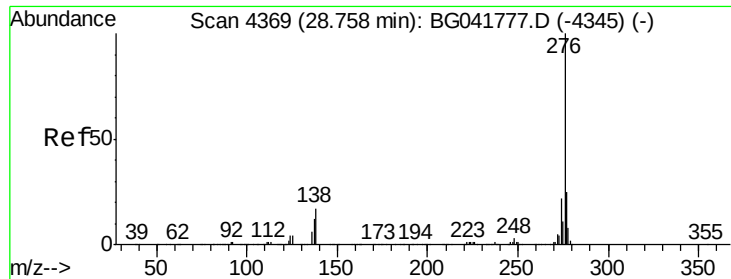


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





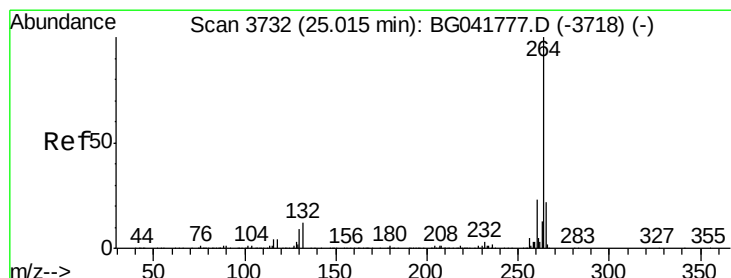
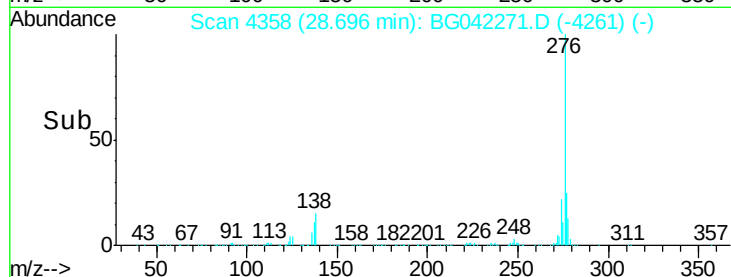
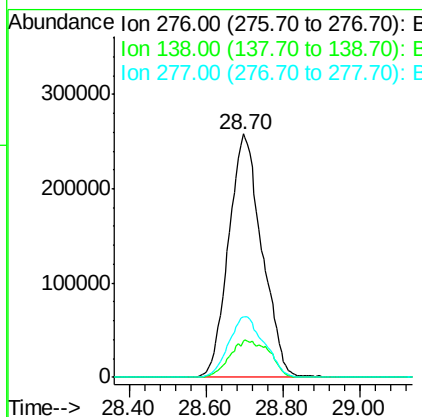
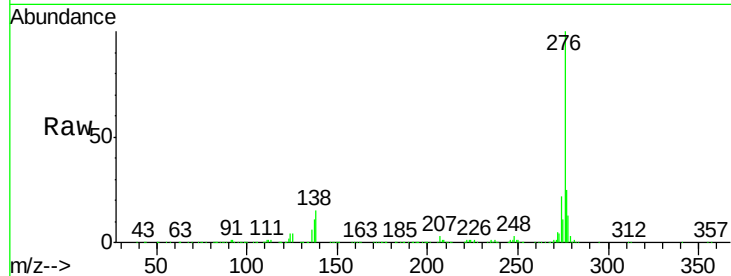
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 50.827 ng
 RT: 28.70 min Scan# 4358
 Delta R.T. 0.04 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	19.4	29.0#
277	26.6	21.2	31.8

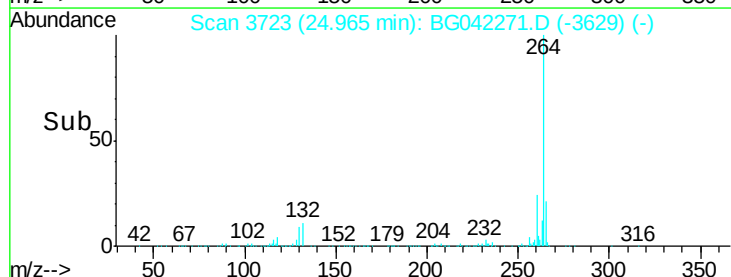
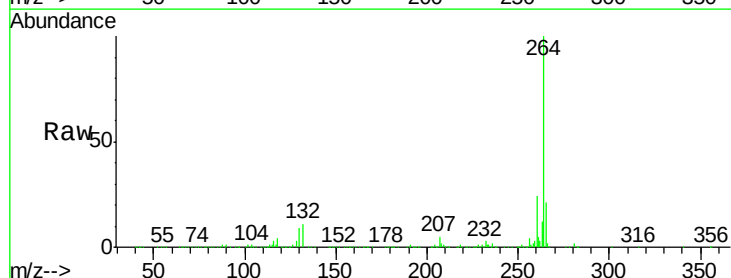
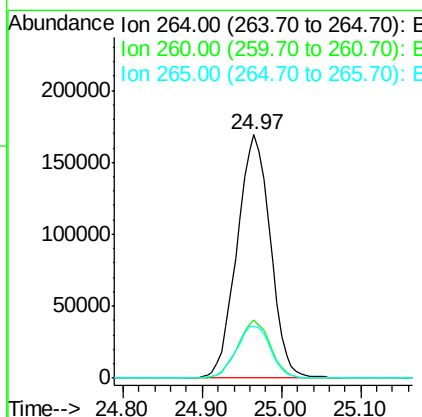
Manual Integrations
 APPROVED

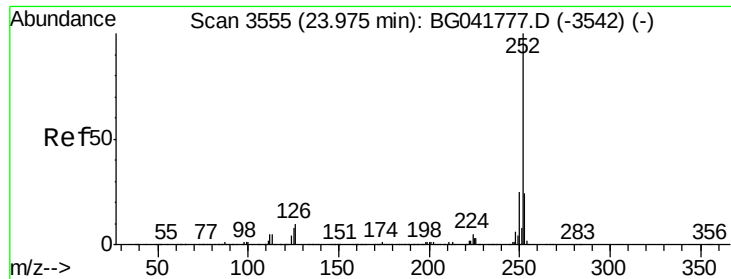
Jagrut
 8/20/2019 9:52:02 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3723
 Delta R.T. 0.02 min
 Lab File: BG042271.D
 Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.3	18.0	27.0





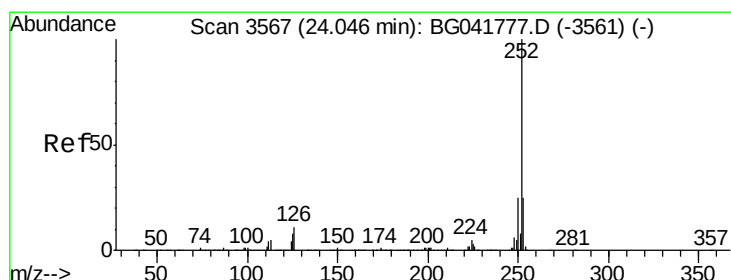
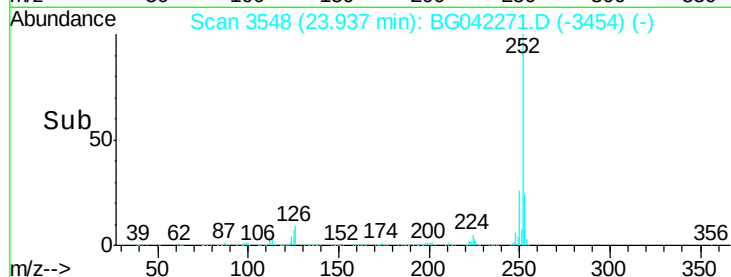
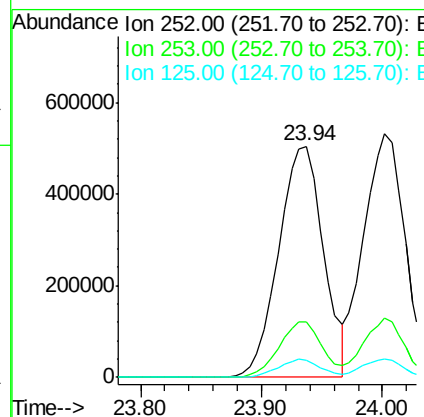
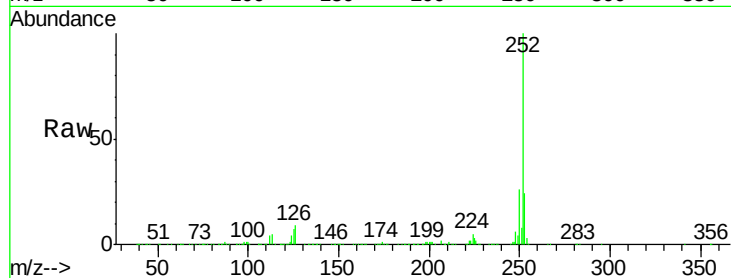
#88
Benzo(b)fluoranthene
Concen: 47.965 ng
RT: 23.94 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	30.8
125	7.5	8.0	12.0#

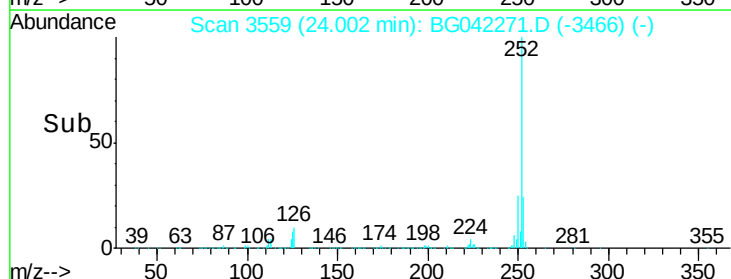
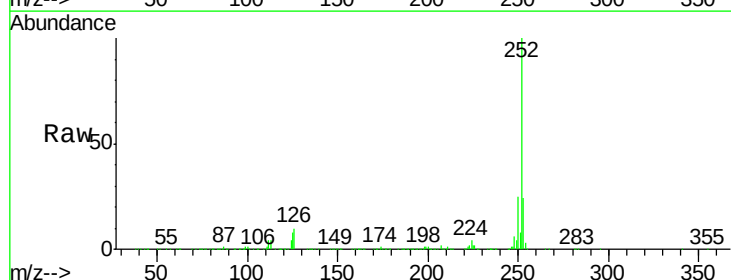
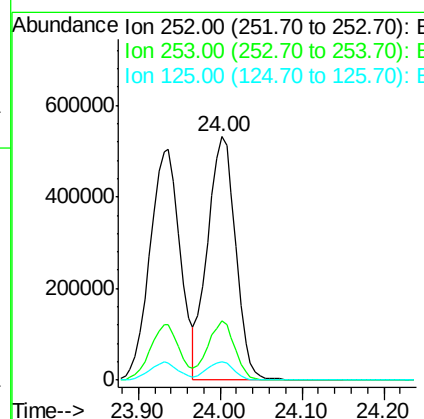
Manual Integrations
APPROVED

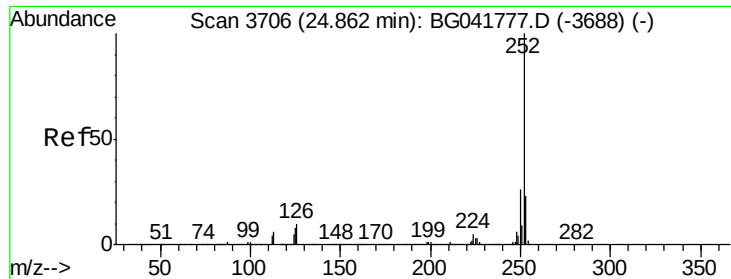
Jagrut
8/20/2019 9:52:02 AM



#89
Benzo(k)fluoranthene
Concen: 48.339 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.01 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.5	30.7
125	7.5	8.4	12.6#





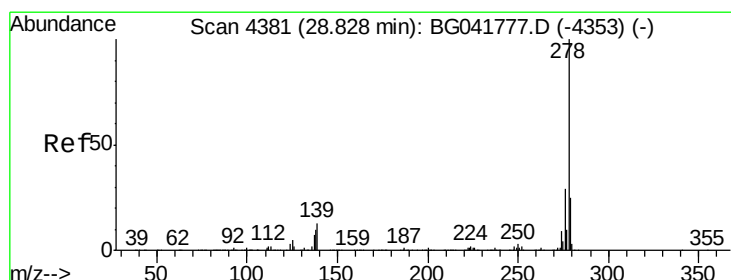
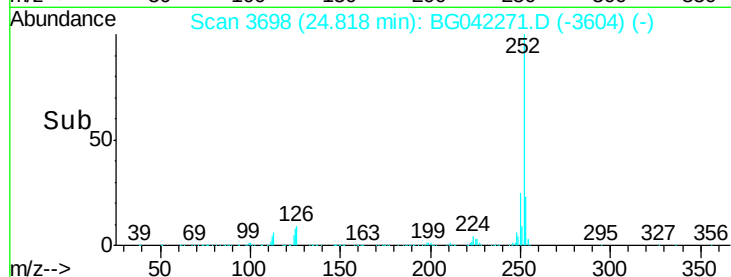
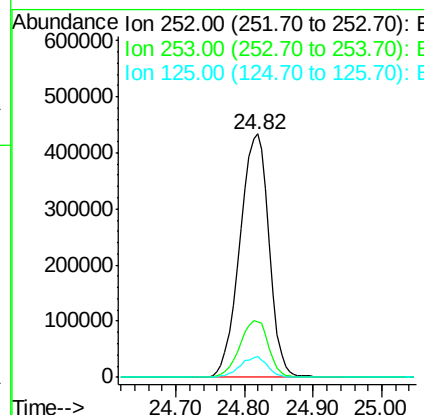
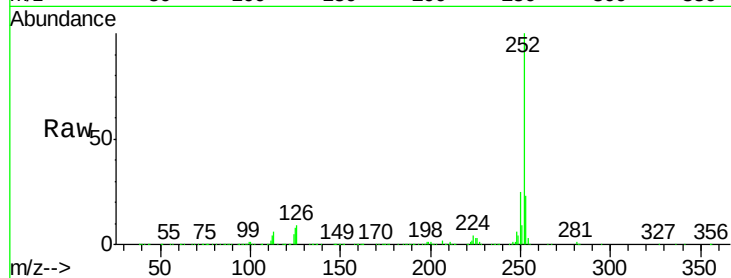
#90
Benzo(a)pyrene
Concen: 49.471 ng
RT: 24.82 min Scan# 3698
Delta R.T. 0.02 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-B-(0-3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	8.3	8.8	13.2

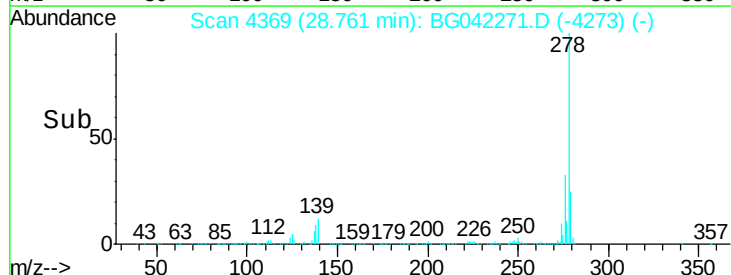
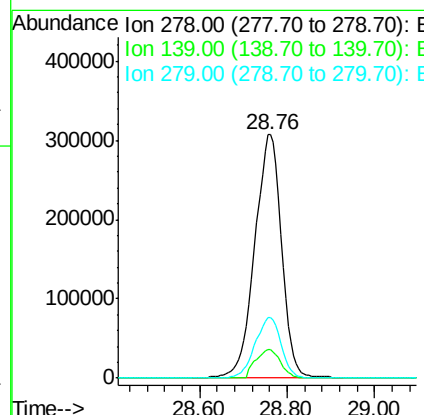
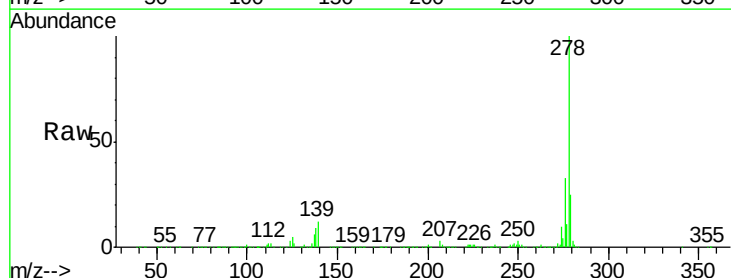
Manual Integrations
APPROVED

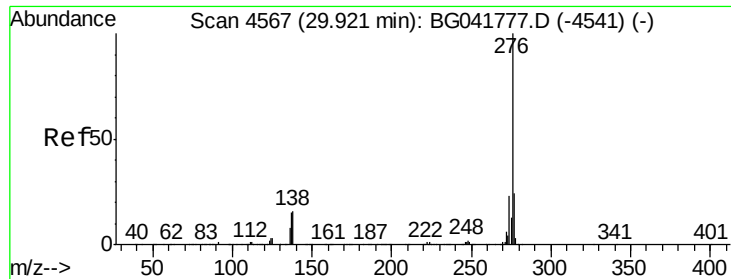
Jagrut
8/20/2019 9:52:02 AM



#91
Dibenzo(a,h)anthracene
Concen: 50.333 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.03 min
Lab File: BG042271.D
Acq: 16 Aug 2019 22:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	12.6	19.0
279	24.8	20.5	30.7





#92

Benzo(a,h,i)perylene

Concen: 51.092 ng

RT: 29.85 min Scan# 4555

Delta R.T. 0.03 min

Lab File: BG042271.D

Acq: 16 Aug 2019 22:26

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-B-(0-3)MS

Tot Ion: 276 Resp: 1298659

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

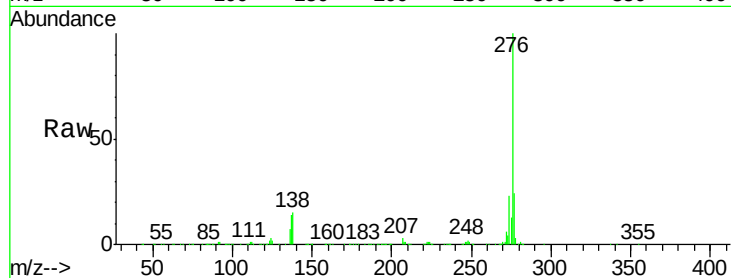
138 15.2 16.6 25.0#

Manual Integrations

APPROVED

Jagrut

8/20/2019 9:52:02 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

