

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031603.D
 Acq On : 16 Dec 2017 00:36
 Operator : SJ/JU
 Sample : I6924-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Manual Integrations
 APPROVED

Sohil
 12/18/2017 5:07:52 PM

Quant Time: Dec 18 16:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	66867	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	308109	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	212860	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	555978	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	590305	20.00	ng	-0.01
86) Perylene-d12	25.02	264	530744	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	477935	126.69	ng	-0.01
7) Phenol-d6	7.27	99	639549	122.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	371760	74.37	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	323605	129.77	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1008362	69.54	ng	0.00
78) Terphenyl-d14	20.06	244	1837444	70.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	50165	27.870	ng	# 78
3) Pyridine	3.91	79	135584	28.609	ng	88
4) n-Nitrosodimethylamine	3.82	42	67060	30.042	ng	# 94
6) Aniline	7.42	93	156571	22.702	ng	95
8) 2-Chlorophenol	7.67	128	167033	39.695	ng	88
9) Benzaldehyde	7.23	77	96009	31.628	ng	89
10) Phenol	7.30	94	228456	42.465	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	146847	33.443	ng	88
12) 1,3-Dichlorobenzene	7.98	146	175085m	34.988	ng	
13) 1,4-Dichlorobenzene	8.13	146	177009	34.036	ng	95
14) 1,2-Dichlorobenzene	8.45	146	167731	33.857	ng	97
15) Benzyl Alcohol	8.34	79	137149	33.478	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	212195	43.016	ng	95
17) 2-Methylphenol	8.55	107	142172	38.768	ng	96
18) Hexachloroethane	9.18	117	59610	34.003	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	120981	29.350	ng	# 95
20) 3+4-Methylphenols	8.88	107	200095	36.627	ng	94
22) Acetophenone	8.92	105	250053	33.830	ng	# 92
24) Nitrobenzene	9.31	77	178184	34.786	ng	91
25) Isophorone	9.83	82	340272	36.019	ng	# 91
26) 2-Nitrophenol	10.03	139	98545	38.906	ng	# 86
27) 2,4-Dimethylphenol	10.08	122	168781	43.865	ng	93
28) bis(2-Chloroethoxy)methane	10.30	93	213350	34.981	ng	97
29) 2,4-Dichlorophenol	10.57	162	191503	42.244	ng	91
30) 1,2,4-Trichlorobenzene	10.77	180	204986	35.399	ng	94
31) Naphthalene	10.96	128	511440	33.788	ng	98
33) 4-Chloroaniline	11.08	127	114798	17.467	ng	95
34) Hexachlorobutadiene	11.24	225	129835	33.802	ng	95
35) Caprolactam	11.84	113	70385m	39.541	ng	
36) 4-Chloro-3-methylphenol	12.20	107	193732	37.439	ng	# 85
37) 2-Methylnaphthalene	12.56	142	408725	34.875	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	275126	33.072	ng	96
40) Hexachlorocyclopentadiene	12.90	237	131609	55.070	ng	89
42) 2,4,6-Trichlorophenol	13.17	196	168169	39.566	ng	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031603.D
 Acq On : 16 Dec 2017 00:36
 Operator : SJ/JU
 Sample : I6924-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

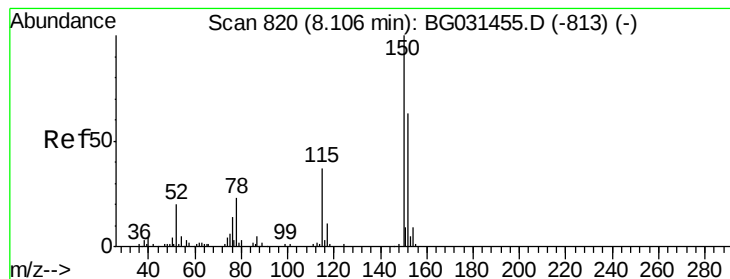
Manual Integrations
 APPROVED

Sohil
 12/18/2017 5:07:52 PM

Quant Time: Dec 18 16:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	186524	40.739	ng	# 94
45) 1,1'-Biphenyl	13.56	154	583128	33.354	ng	97
46) 2-Chloronaphthalene	13.61	162	450947	35.241	ng	95
47) 2-Nitroaniline	13.81	65	125776	34.979	ng	# 77
48) Acenaphthylene	14.45	152	688469	33.437	ng	99
49) Dimethylphthalate	14.18	163	720741	40.899	ng	98
50) 2,6-Dinitrotoluene	14.30	165	142325	37.785	ng	# 75
51) Acenaphthene	14.79	154	430867	33.095	ng	99
52) 3-Nitroaniline	14.64	138	97735	25.453	ng	# 74
53) 2,4-Dinitrophenol	14.86	184	64805	45.614	ng	# 49
54) Dibenzofuran	15.12	168	713950	34.365	ng	99
55) 4-Nitrophenol	14.96	139	201089	77.615	ng	# 81
56) 2,4-Dinitrotoluene	15.10	165	208405	38.954	ng	# 70
57) Fluorene	15.77	166	578549	34.755	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	178257	41.421	ng	# 89
59) Diethylphthalate	15.53	149	624588	35.359	ng	98
60) 4-Chlorophenyl-phenylether	15.75	204	341499	33.531	ng	91
61) 4-Nitroaniline	15.80	138	152511	37.849	ng	86
62) Azobenzene	16.05	77	485091	33.151	ng	91
64) 4,6-Dinitro-2-methylphenol	15.87	198	99392	31.424	ng	# 73
65) n-Nitrosodiphenylamine	15.97	169	547754	33.659	ng	98
66) 4-Bromophenyl-phenylether	16.64	248	229487	35.496	ng	96
67) Hexachlorobenzene	16.78	284	235441	35.267	ng	95
68) Atrazine	16.91	200	241357	40.561	ng	98
69) Pentachlorophenol	17.12	266	174984	56.331	ng	99
70) Phenanthrene	17.51	178	1001440	34.489	ng	99
71) Anthracene	17.60	178	1023145	35.628	ng	99
72) Carbazole	17.87	167	958284	36.874	ng	100
73) Di-n-butylphthalate	18.41	149	1083833	36.114	ng	100
74) Fluoranthene	19.51	202	1305051	35.914	ng	97
76) Benzidine	19.69	184	592979	43.165	ng	98
77) Pyrene	19.87	202	1336219	36.430	ng	96
79) Butylbenzylphthalate	20.74	149	497760	38.684	ng	# 83
80) Benzo(a)anthracene	21.72	228	1279583	35.913	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	324092	26.135	ng	98
82) Chrysene	21.79	228	1198418	35.085	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	683980	36.947	ng	100
84) Di-n-octyl phthalate	22.81	149	1089291	35.672	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1171093	32.081	ng	# 79
87) Benzo(b)fluoranthene	23.98	252	1162451	36.635	ng	98
88) Benzo(k)fluoranthene	24.05	252	1119419	34.570	ng	97
89) Benzo(a)pyrene	24.86	252	1087242	36.120	ng	99
90) Dibenzo(a,h)anthracene	28.83	278	985789	34.247	ng	96
91) Benzo(g,h,i)perylene	29.97	276	972147	34.353	ng	96

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



#1

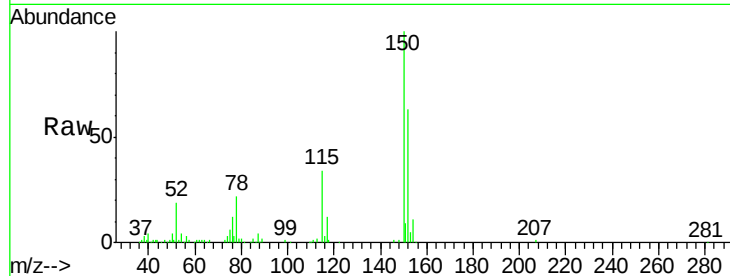
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

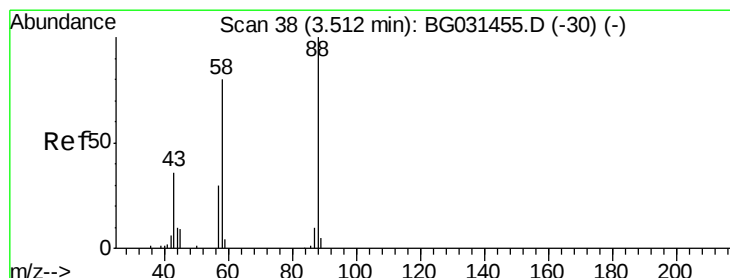
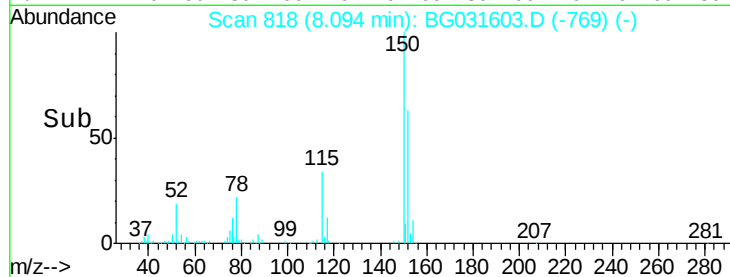
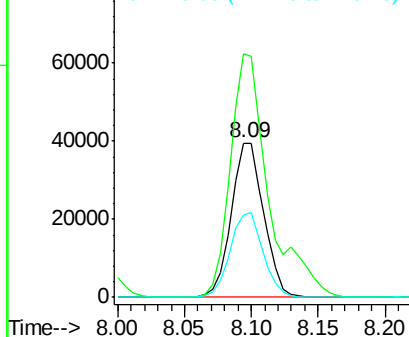
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	53.4	53.0	79.4

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



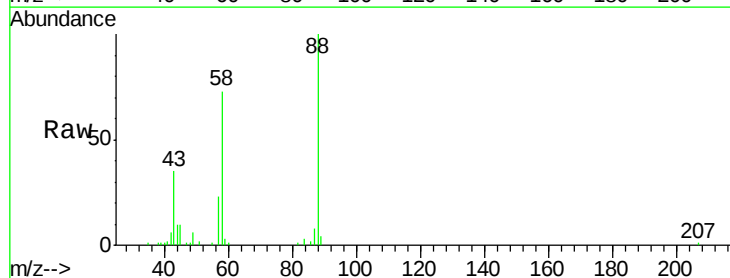
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



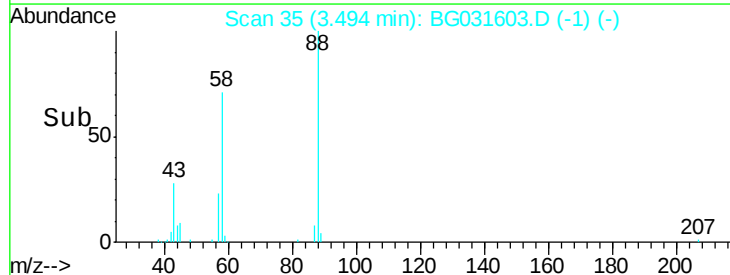
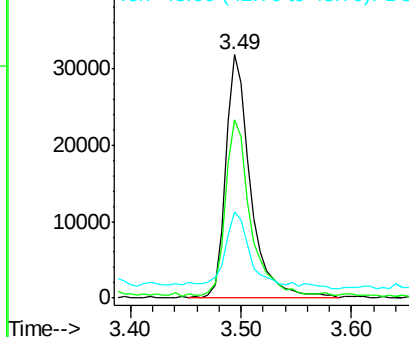
#2

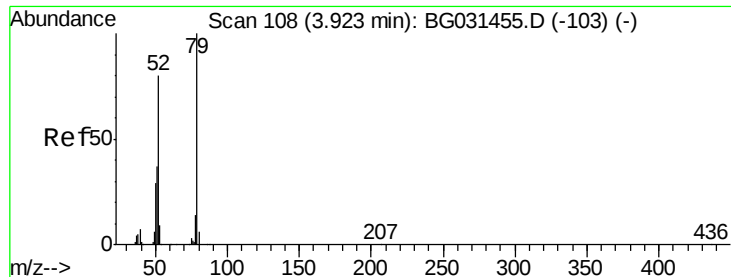
1,4-Dioxane
Concen: 27.870 ng
RT: 3.49 min Scan# 35
Delta R.T. -0.02 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	79.6	119.4#
43	29.6	27.4	41.0



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

Pyridine

Concen: 28.609 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

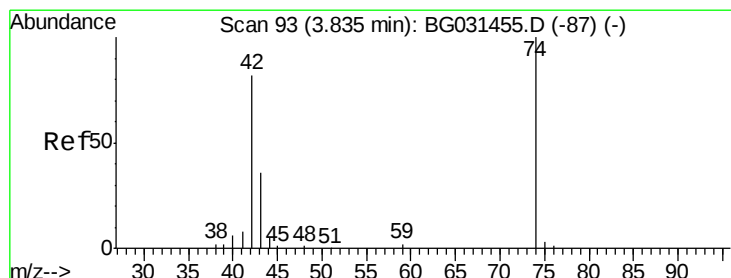
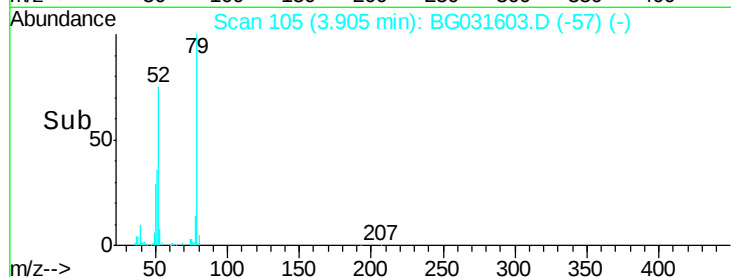
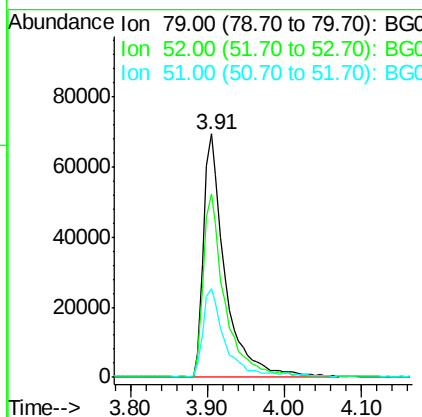
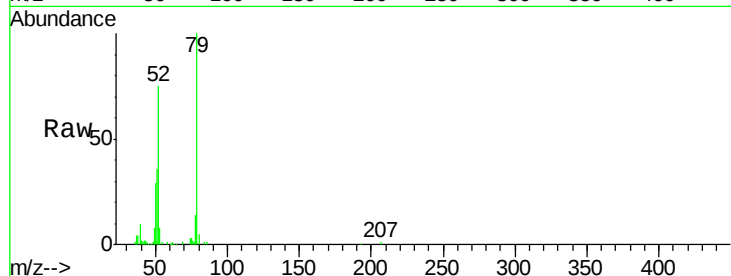
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	79	Resp:	135584
Ion Ratio	Lower	Upper	
79	100		
52	75.5	69.9	104.9
51	36.3	34.0	51.0

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#4

n-Nitrosodimethylamine

Concen: 30.042 ng

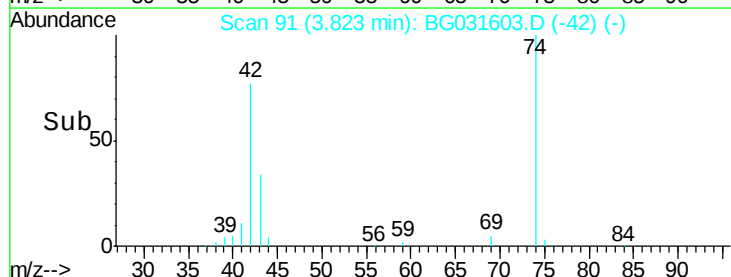
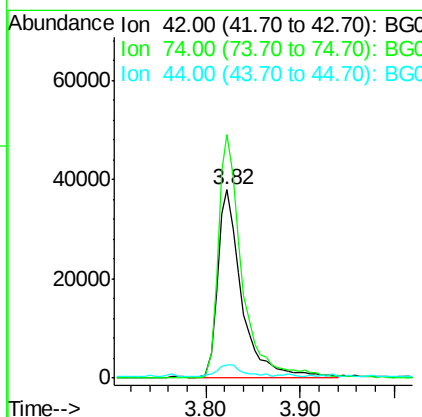
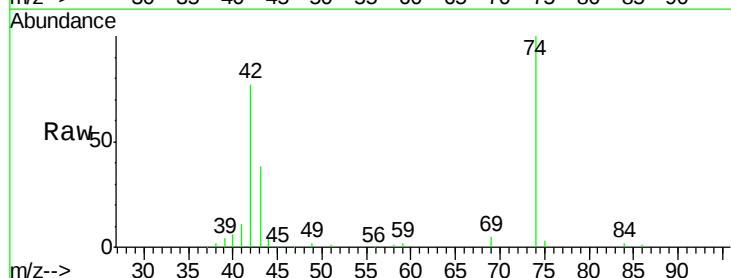
RT: 3.82 min Scan# 91

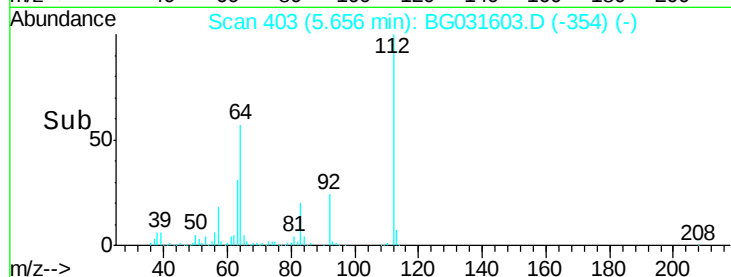
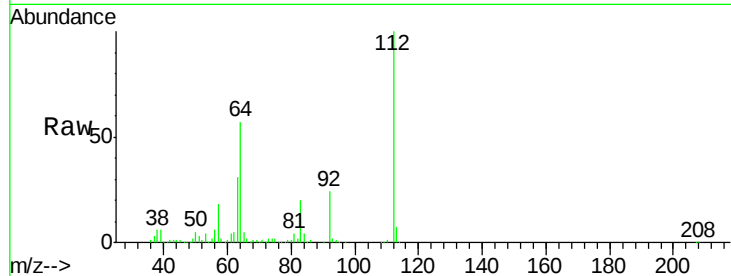
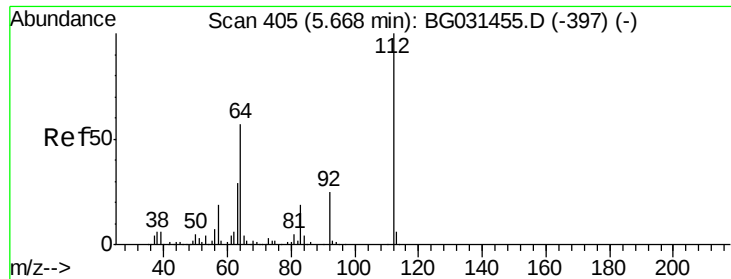
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	42	Resp:	67060
Ion Ratio	Lower	Upper	
42	100		
74	129.2	102.5	153.7
44	7.1	18.9	28.3





#5

2-Fluorophenol

Concen: 126.692 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	112	Resp:	477935
Ion Ratio	Lower	Upper	
112	100		
64	56.6	56.3	84.5
63	30.7	30.1	45.1

Instrument :

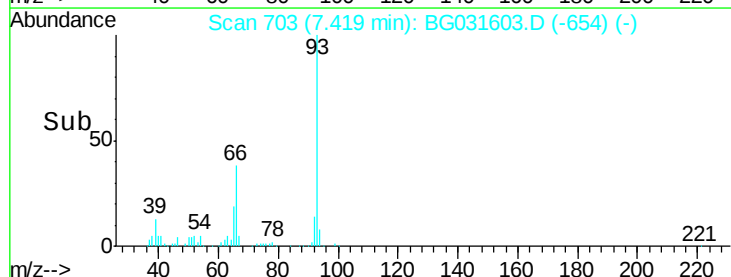
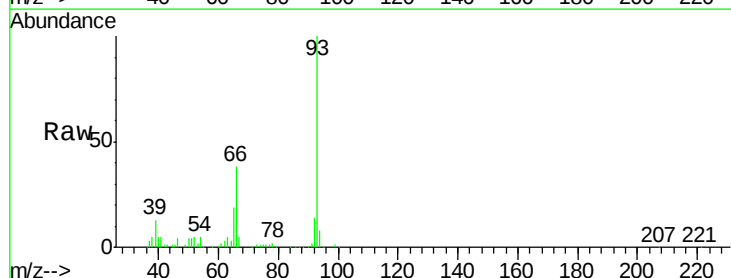
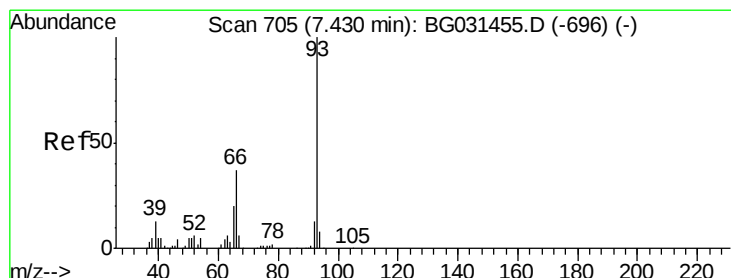
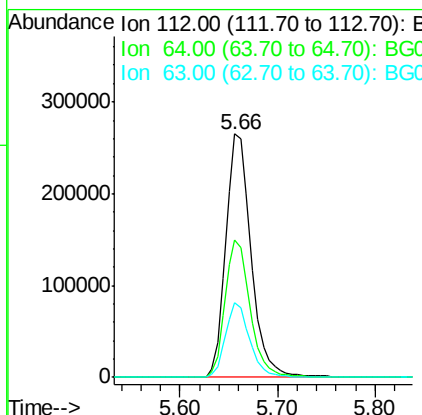
BNA_G

ClientSampleId :

EPE-125-4(0-5)MS

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#6

Aniline

Concen: 22.702 ng

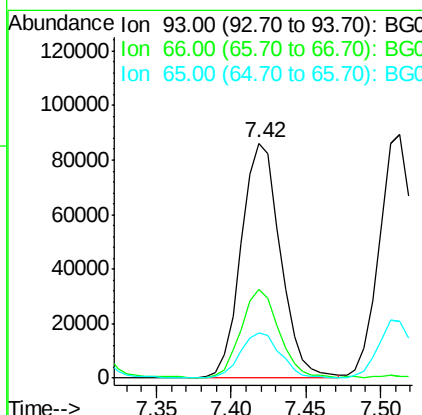
RT: 7.42 min Scan# 703

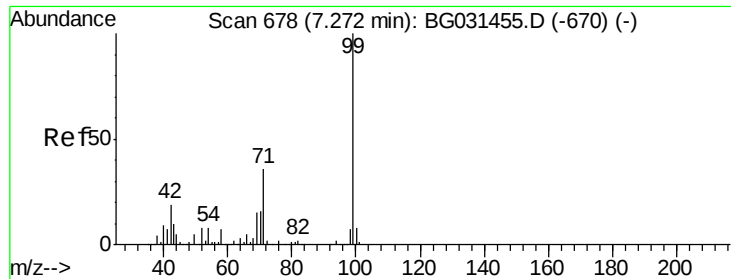
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	93	Resp:	156571
Ion Ratio	Lower	Upper	
93	100		
66	38.0	33.7	50.5
65	19.2	16.1	24.1





#7

Phenol-d6

Concen: 122.121 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

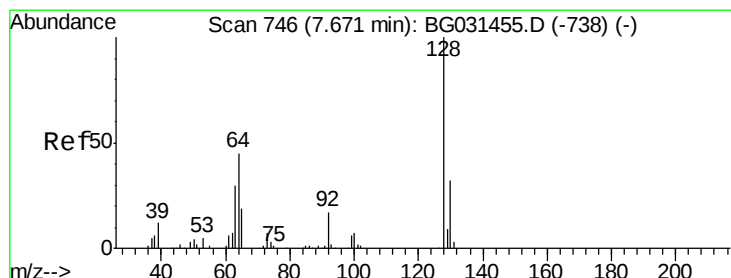
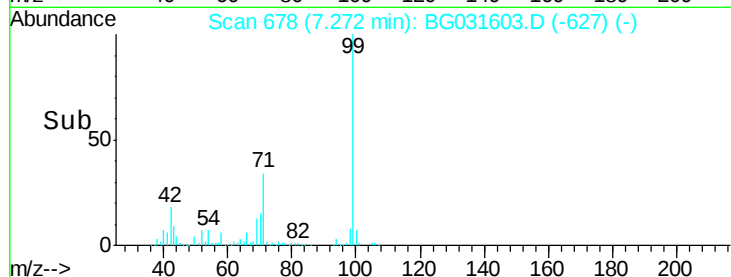
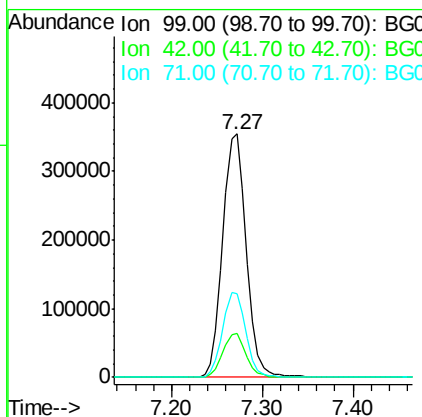
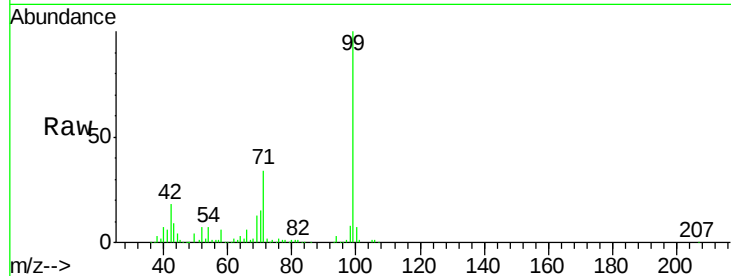
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	99	Resp:	639549
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	34.4	26.1	39.1

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#8

2-Chlorophenol

Concen: 39.695 ng

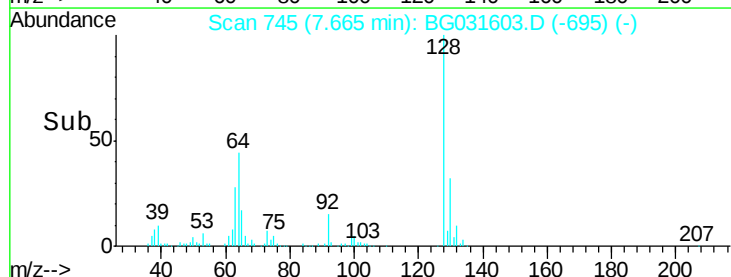
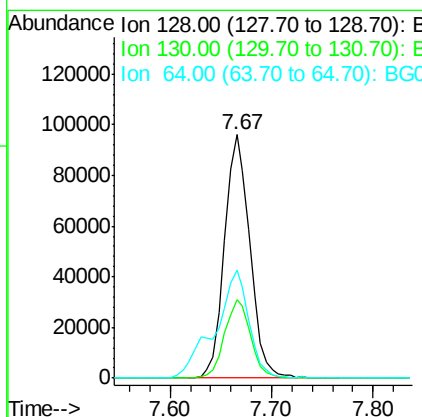
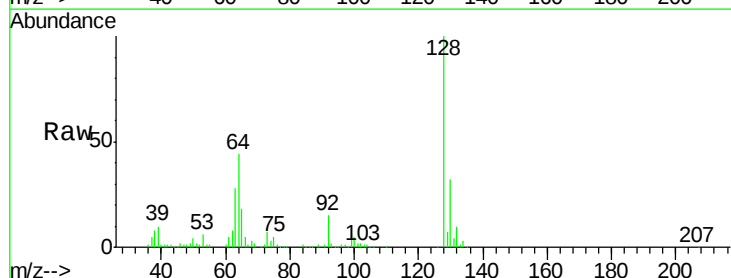
RT: 7.67 min Scan# 745

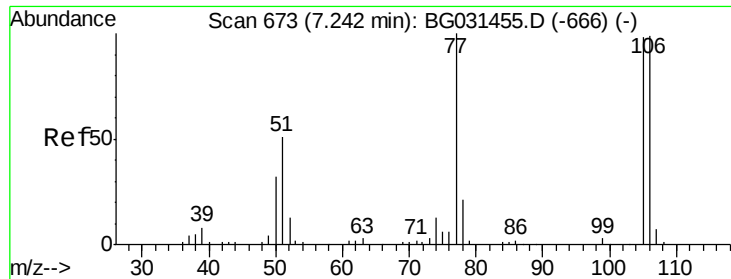
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	128	Resp:	167033
Ion	Ratio	Lower	Upper
128	100		
130	32.2	14.0	54.0
64	44.5	37.7	77.7





#9

Benzaldehyde

Concen: 31.628 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

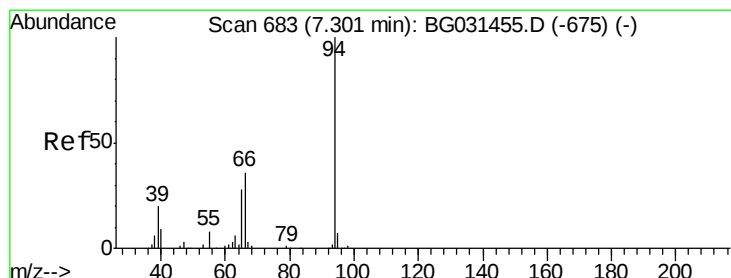
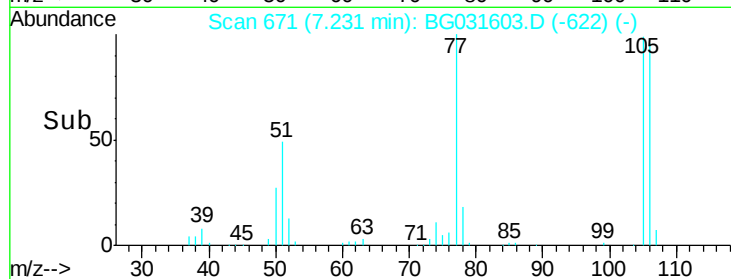
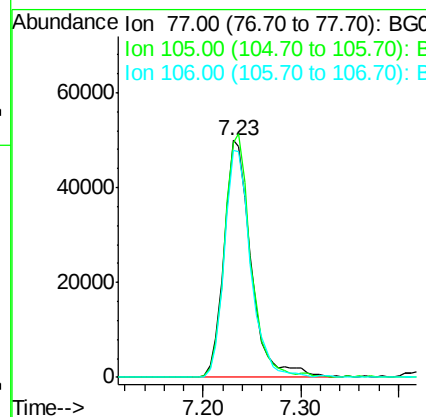
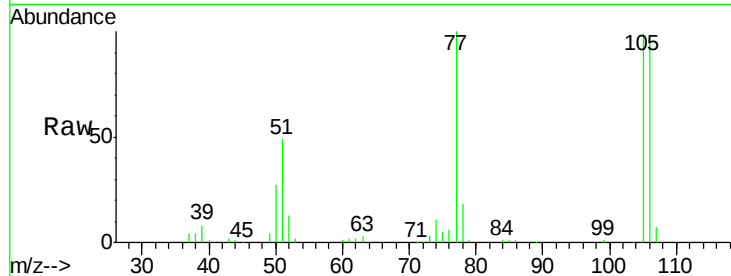
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	77	Resp:	96009
Ion	Ratio	Lower	Upper
77	100		
105	99.2	71.3	111.3
106	96.0	64.2	104.2

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#10

Phenol

Concen: 42.465 ng

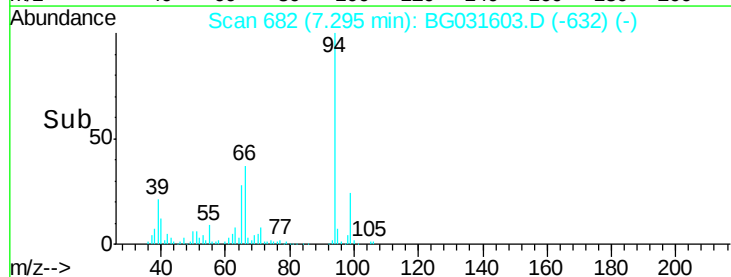
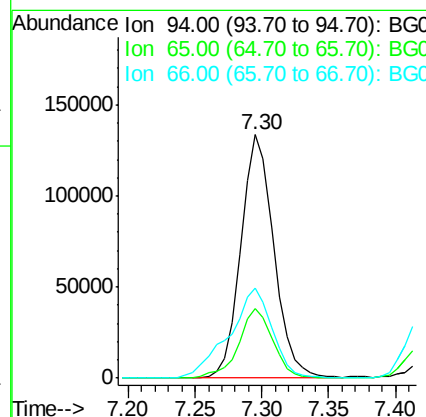
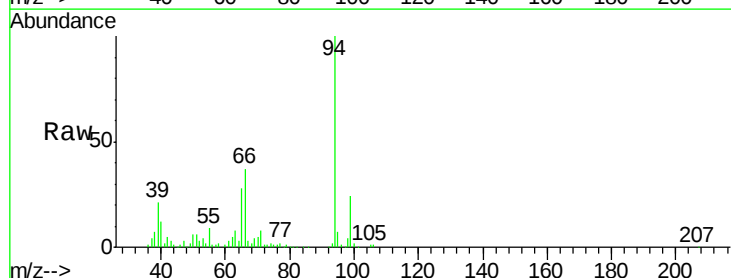
RT: 7.30 min Scan# 682

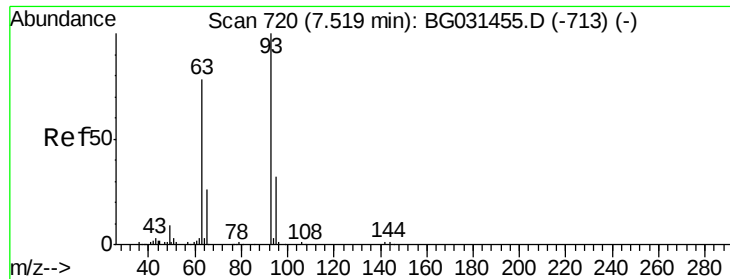
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	94	Resp:	228456
Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	36.9	22.2	62.2





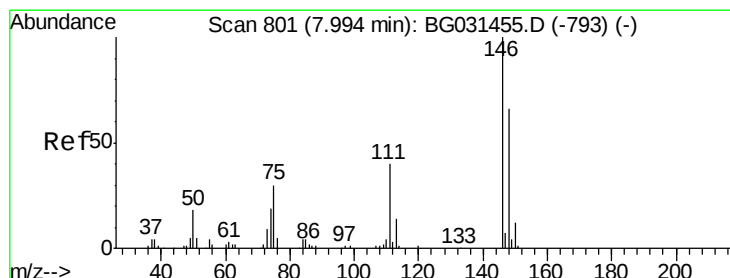
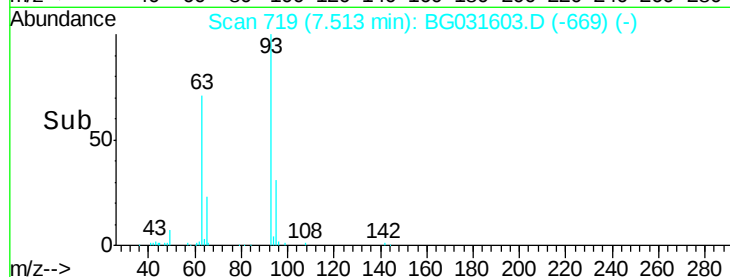
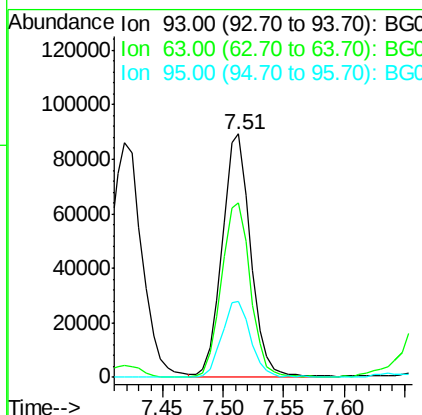
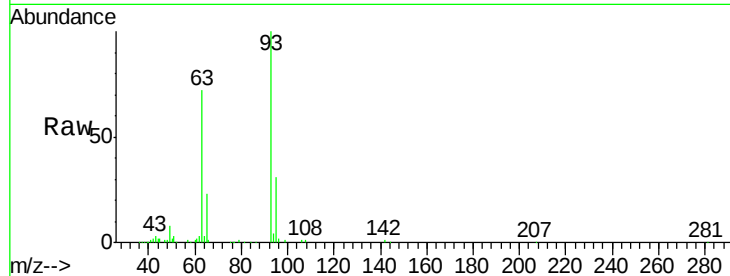
#11
bis(2-Chloroethyl)ether
Concen: 33.443 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.7	67.1	107.1
95	31.1	11.5	51.5

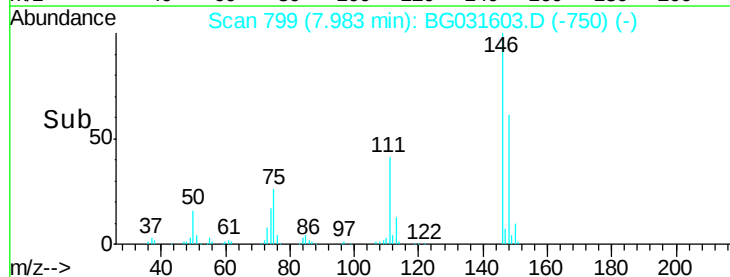
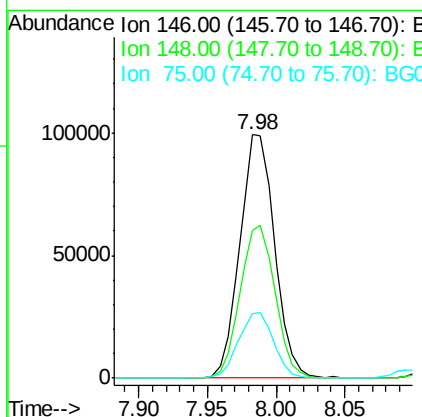
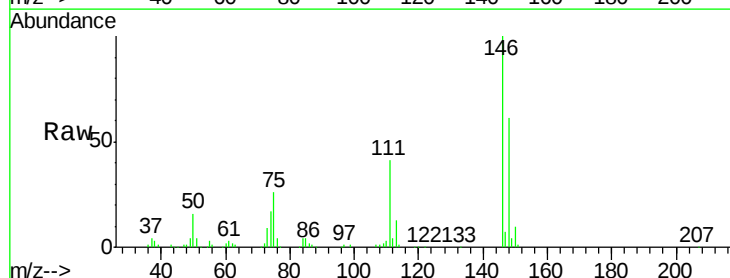
Manual Integrations
APPROVED

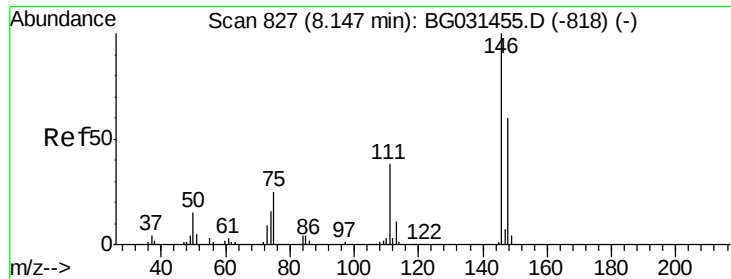
Sohil
12/18/2017 5:07:52 PM



#12
1,3-Dichlorobenzene
Concen: 34.988 ng m
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.4	77.2
75	26.3	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 34.036 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

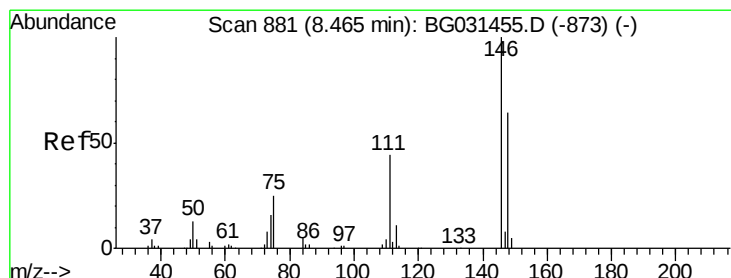
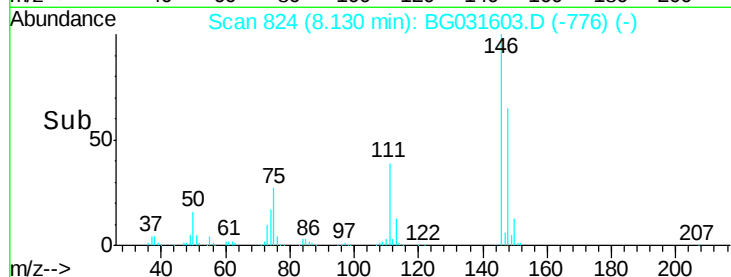
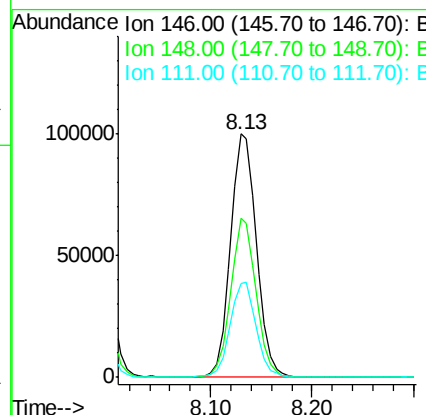
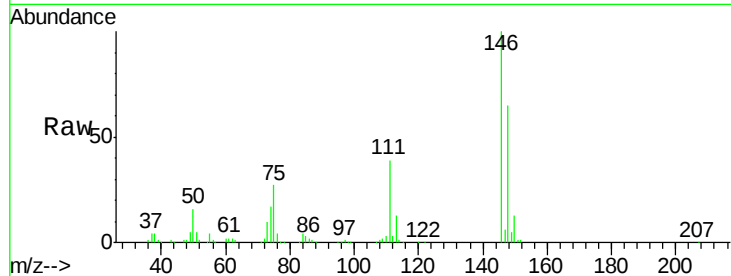
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	146	Resp:	177009
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.7	80.5
111	38.7	35.2	52.8

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#14

1,2-Dichlorobenzene

Concen: 33.857 ng

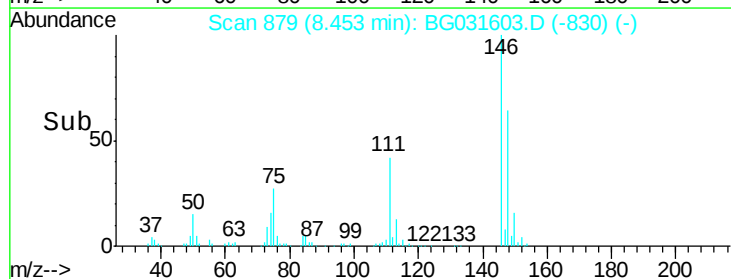
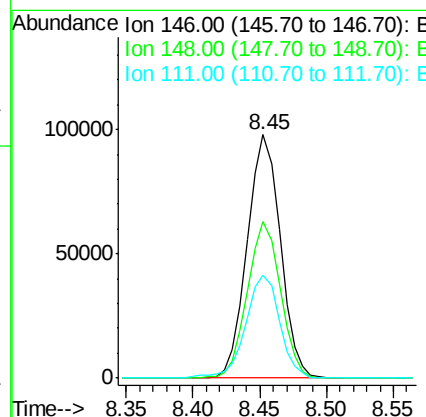
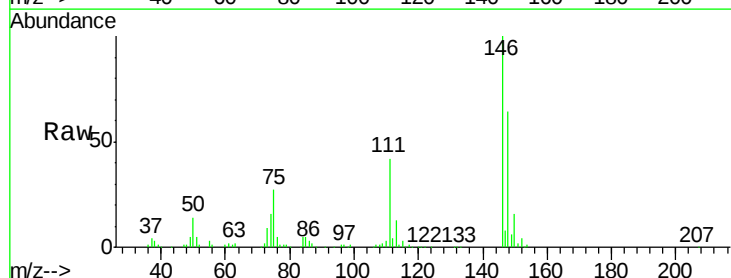
RT: 8.45 min Scan# 879

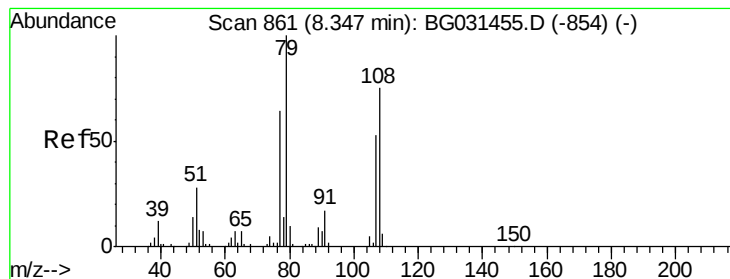
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	146	Resp:	167731
Ion Ratio	Lower	Upper	
146	100		
148	64.5	49.3	73.9
111	42.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 33.478 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

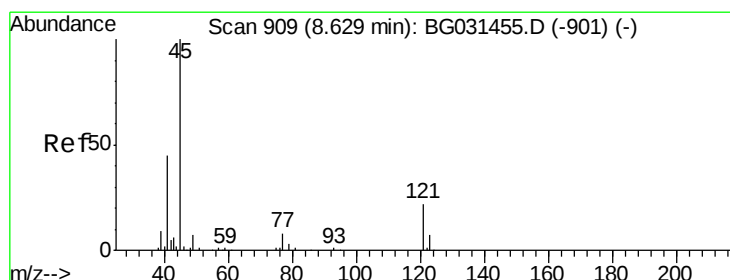
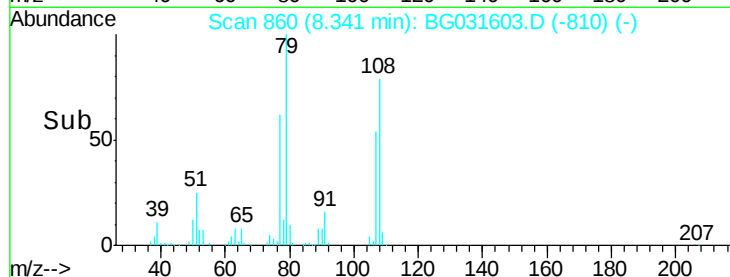
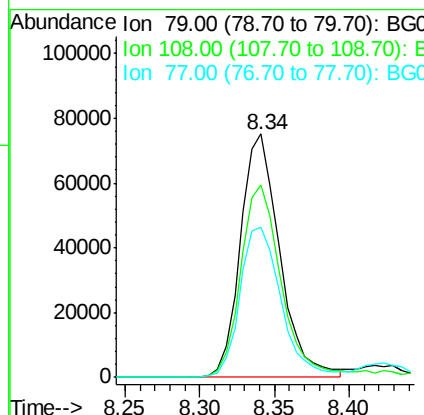
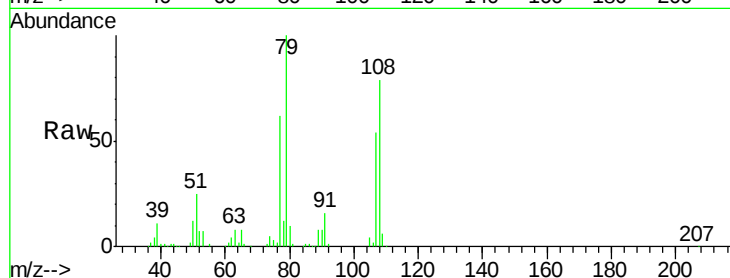
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	79	Resp:	137149
Ion Ratio	Lower	Upper	
79	100		
108	78.9	57.2	85.8
77	61.9	46.1	69.1

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.016 ng

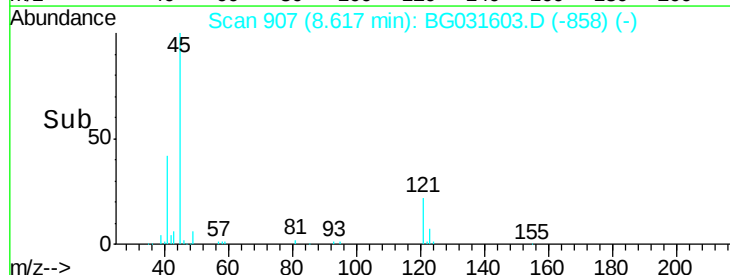
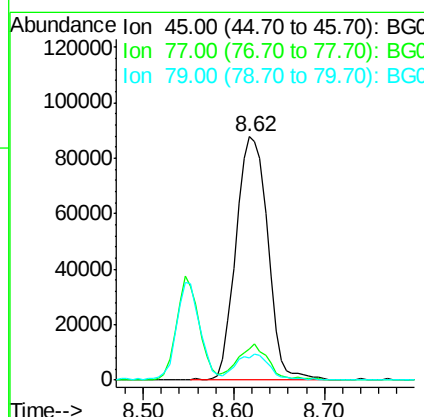
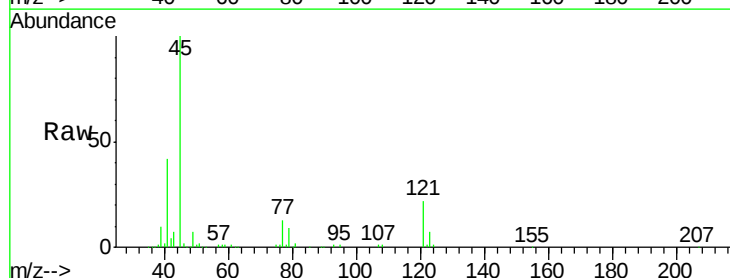
RT: 8.62 min Scan# 907

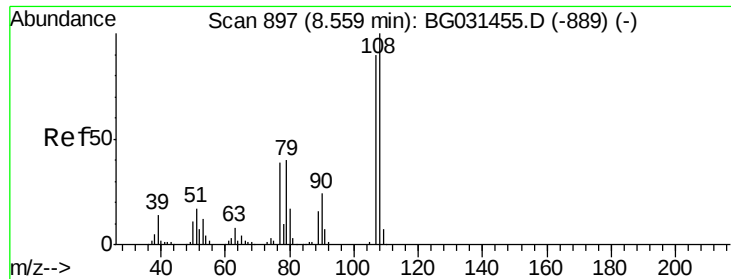
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	45	Resp:	212195
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	30.2
79	9.1	0.0	27.9





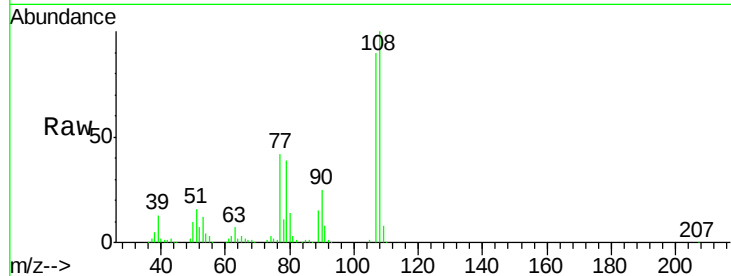
#17
2-Methylphenol
Concen: 38.768 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

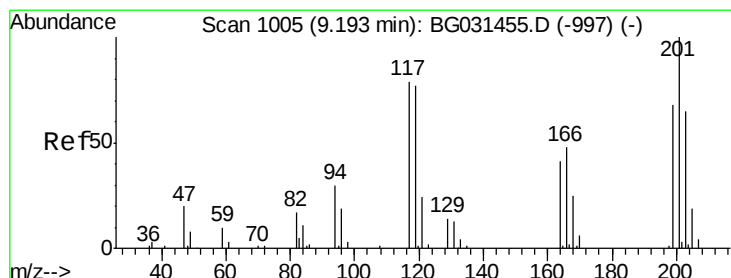
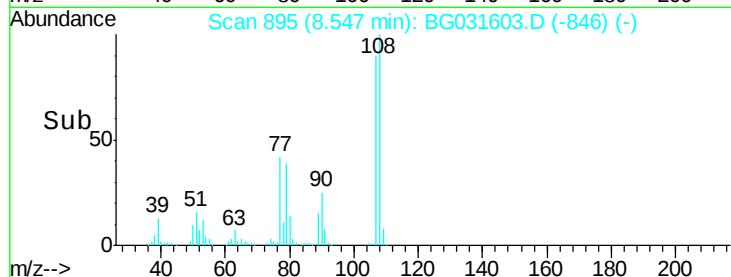
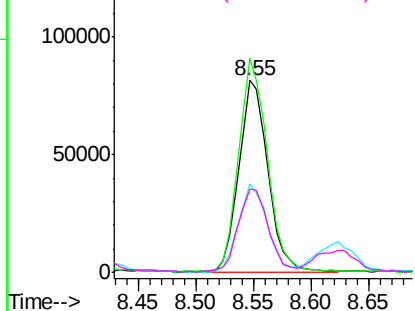
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	142172		
108	111.6	83.9	125.9	
77	46.3	37.2	55.8	
79	43.5	36.2	54.2	

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



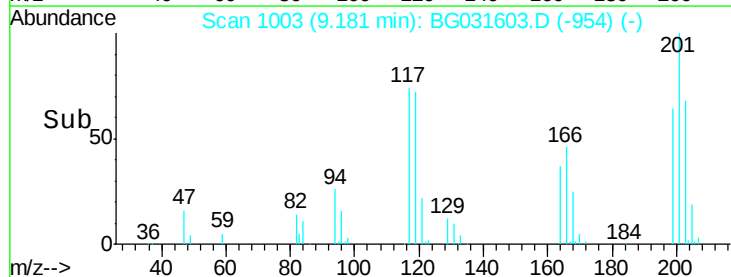
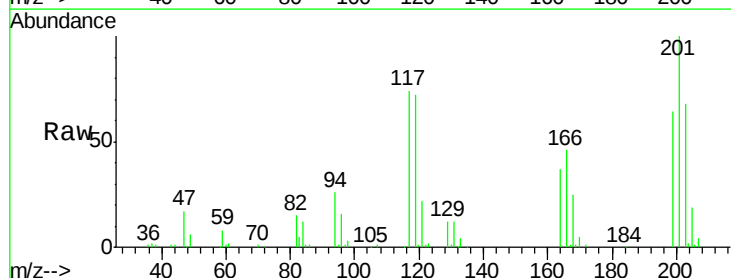
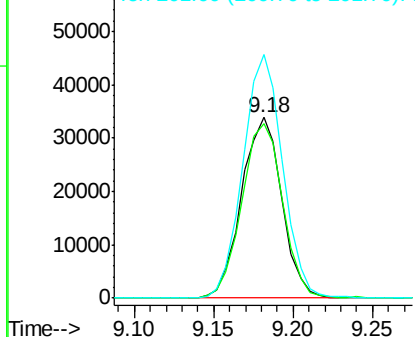
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

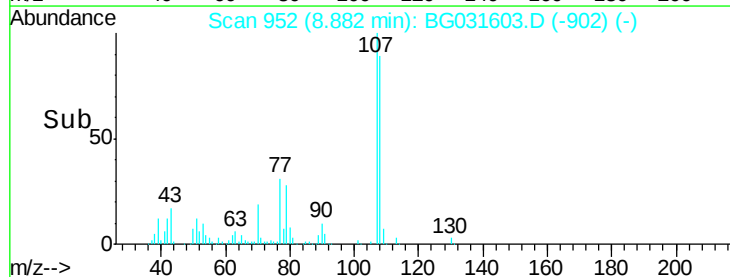
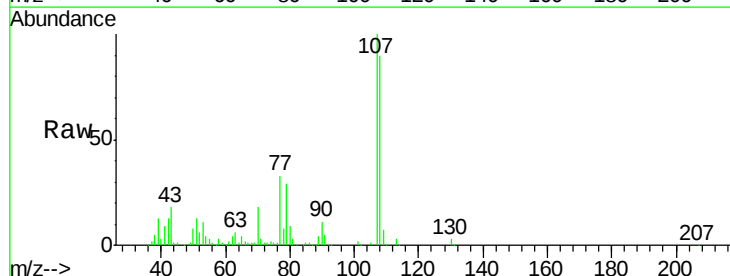
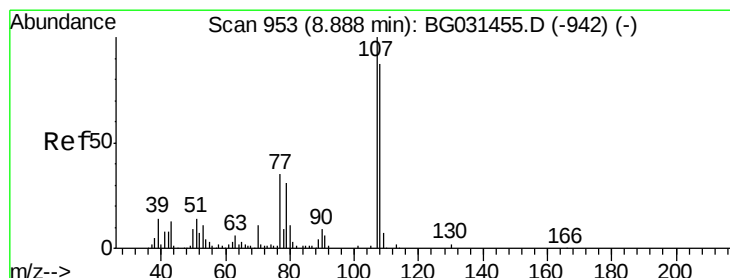
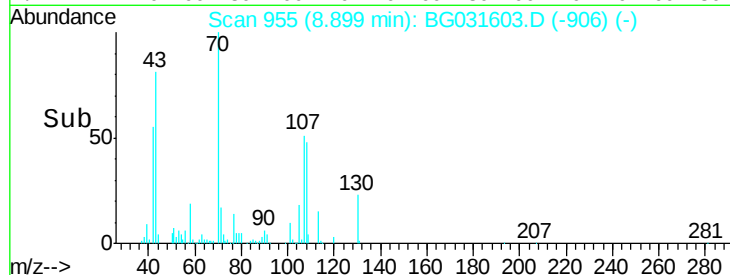
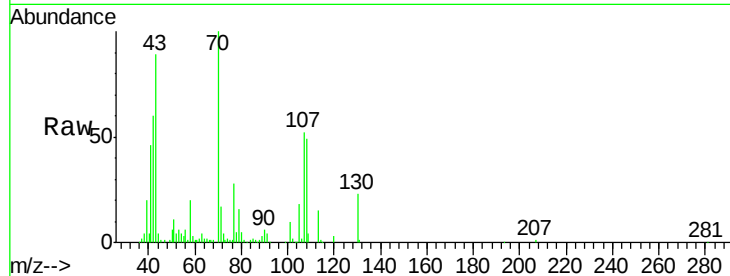
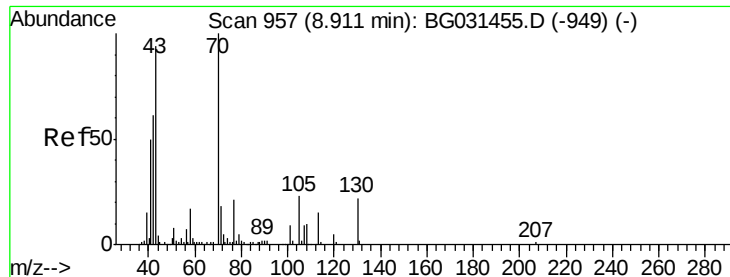


#18
Hexachloroethane
Concen: 34.003 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59610		
119	96.7	76.7	115.1	
201	134.8	95.7	143.5	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





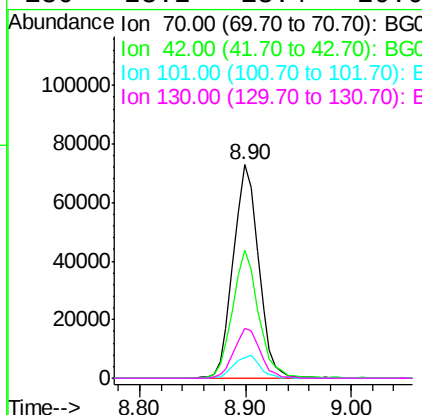
#19
n-Nitroso-di-n-propylamine
Concen: 29.350 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.7	49.1	73.7
101	9.8	8.5	12.7
130	23.2	13.4	20.0

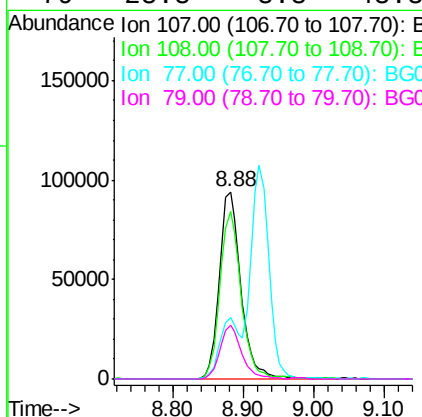
Manual Integrations
APPROVED

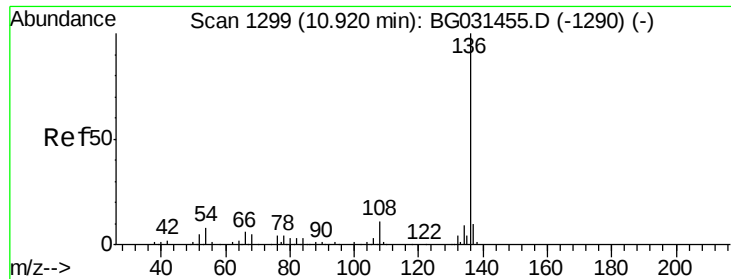
Sohil
12/18/2017 5:07:52 PM



#20
3+4-Methylphenols
Concen: 36.627 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	61.6	101.6
77	32.7	13.9	53.9
79	28.8	8.8	48.8





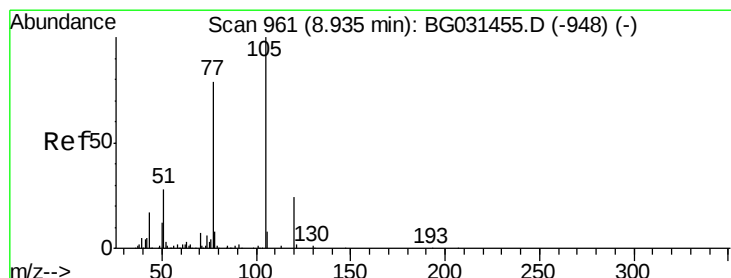
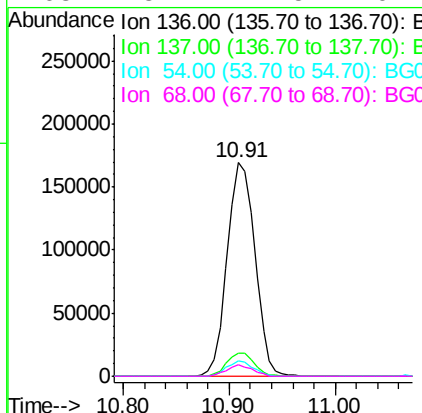
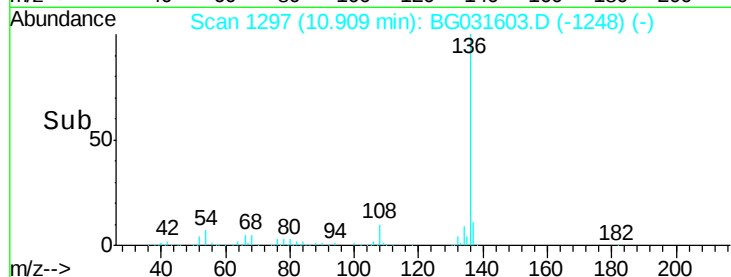
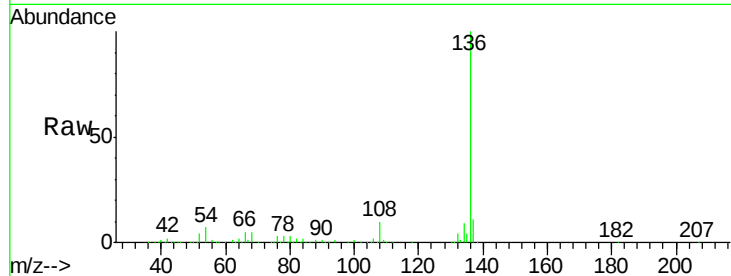
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	308109		
137	10.9	9.2	13.8	
54	7.4	10.3	15.5	
68	5.2	4.5	6.7	

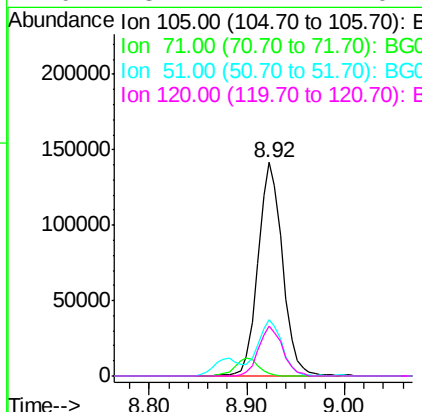
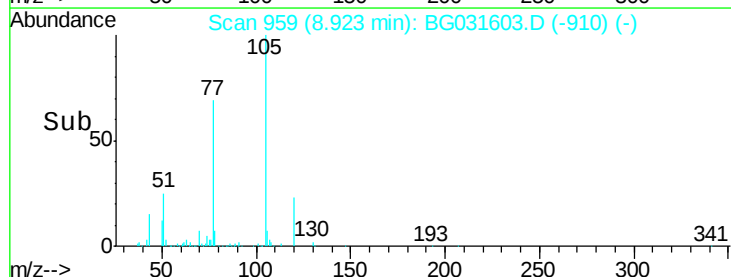
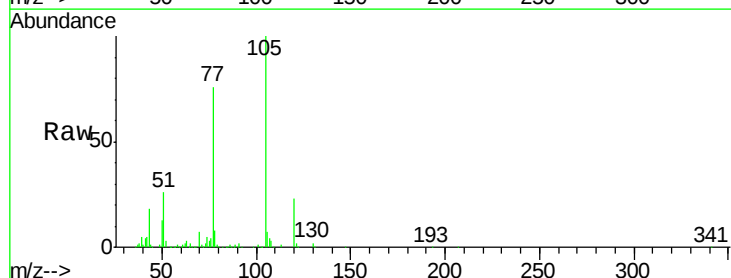
Manual Integrations
APPROVED

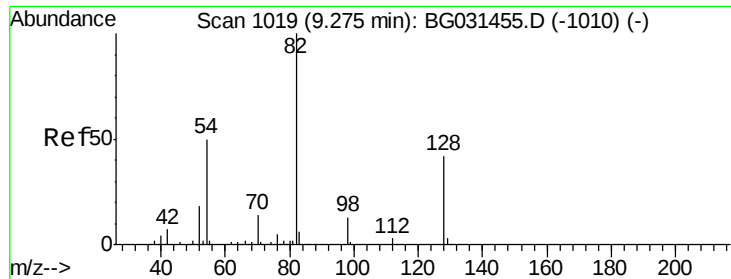
Sohil
12/18/2017 5:07:52 PM



#22
Acetophenone
Concen: 33.830 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250053		
71	1.2	3.0	4.4	
51	26.1	26.1	39.1	
120	23.2	17.4	26.2	





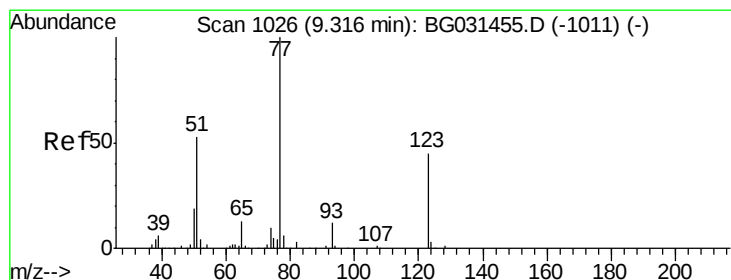
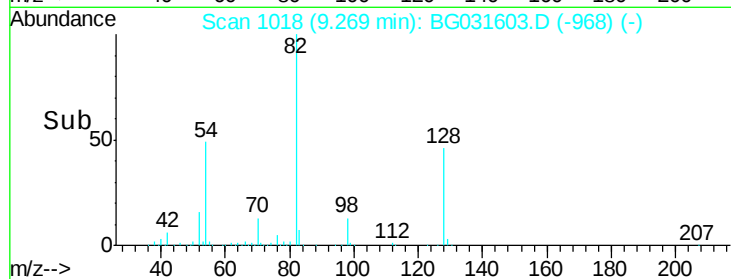
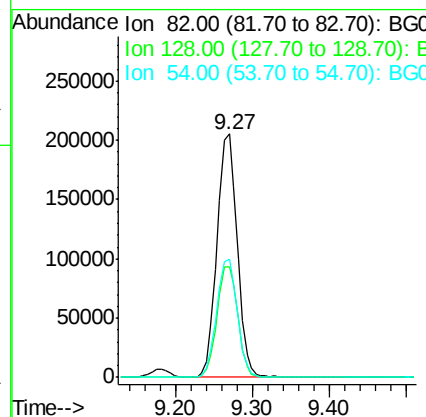
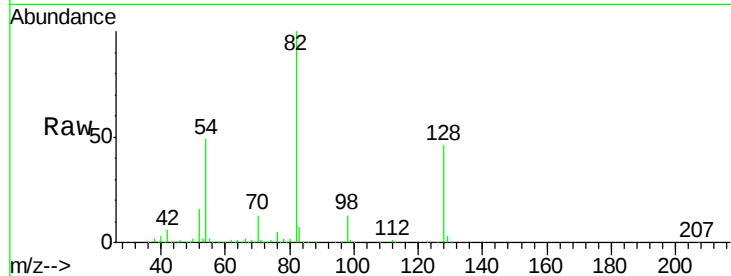
#23
Nitrobenzene-d5
Concen: 74.370 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	48.6	43.1	64.7

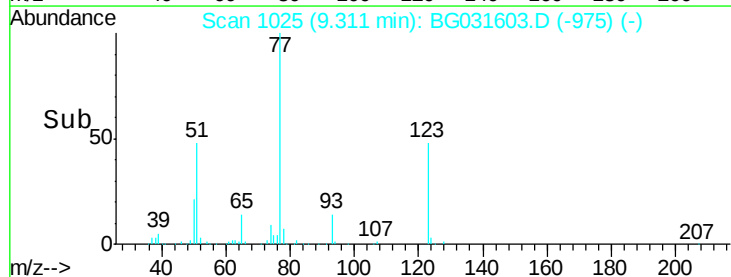
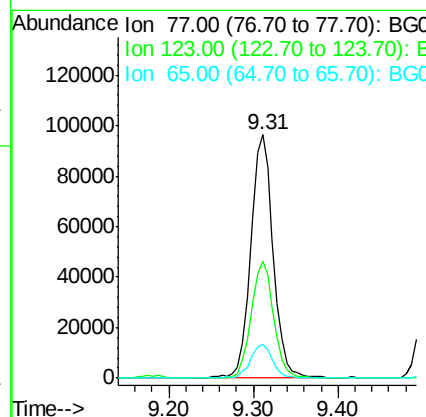
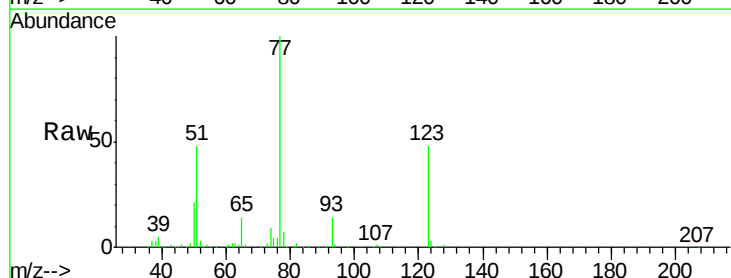
Manual Integrations
APPROVED

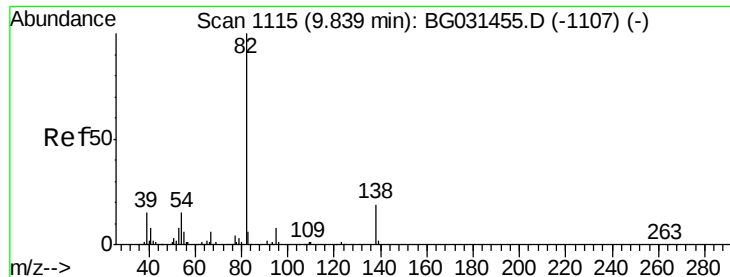
Sohil
12/18/2017 5:07:52 PM



#24
Nitrobenzene
Concen: 34.786 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 36.019 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

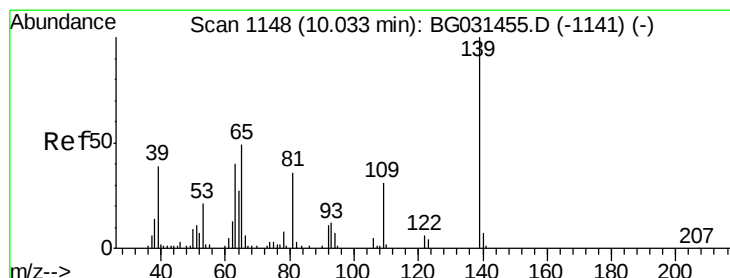
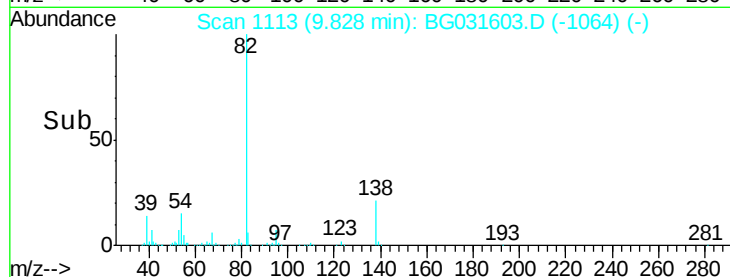
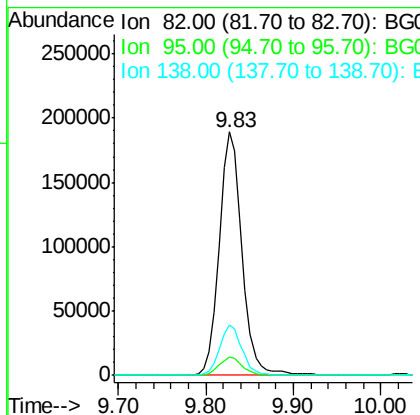
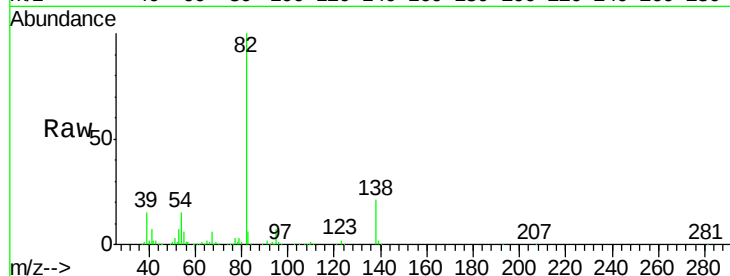
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	82	Resp:	340272
Ion Ratio		Lower	Upper
82	100		
95	7.4	6.2	9.2
138	20.6	12.1	18.1#

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#26

2-Nitrophenol

Concen: 38.906 ng

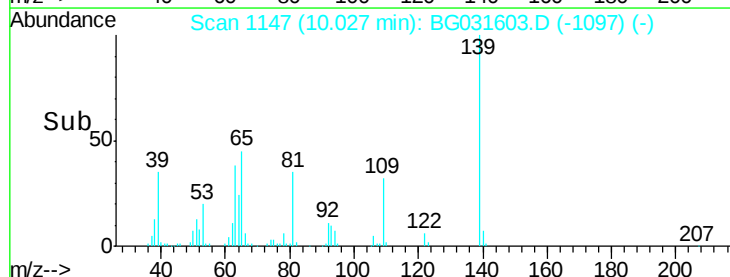
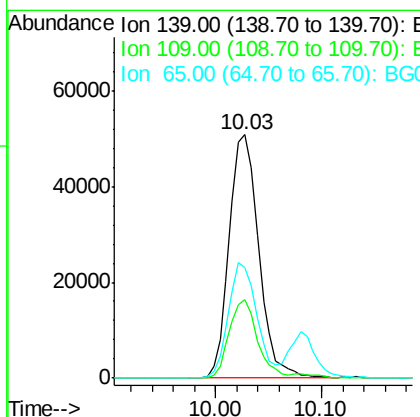
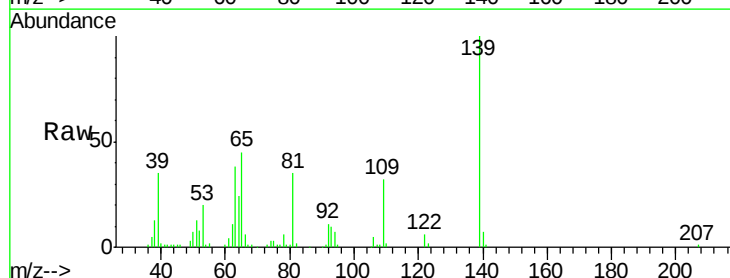
RT: 10.03 min Scan# 1147

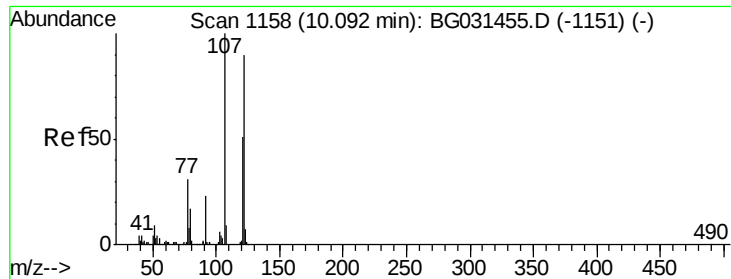
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	139	Resp:	98545
Ion Ratio		Lower	Upper
139	100		
109	32.3	24.2	36.2
65	45.3	47.4	71.0#





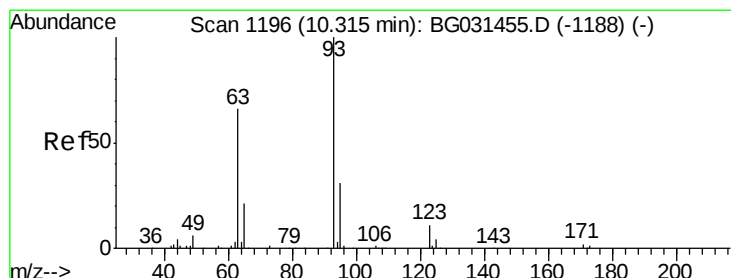
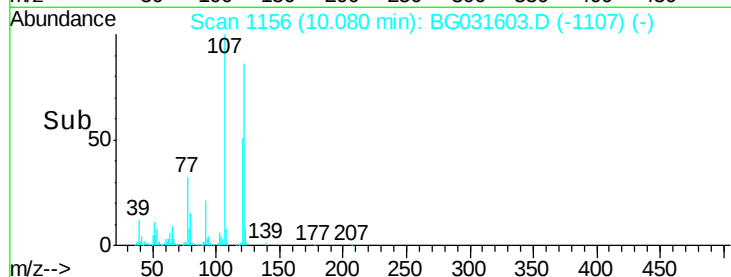
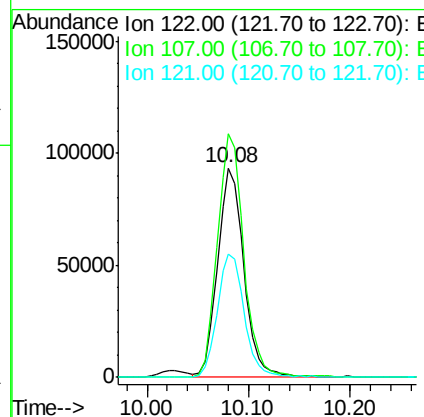
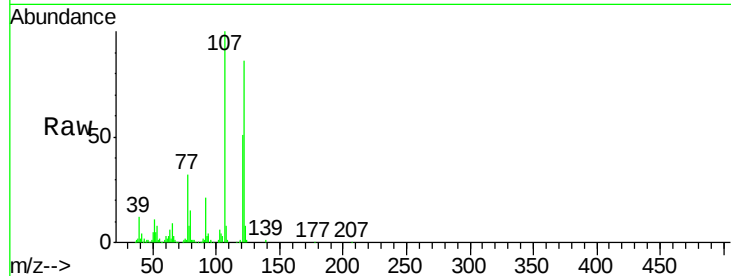
#27
2,4-Dimethylphenol
Concen: 43.865 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168781		
107	116.3	100.2	150.2	
121	59.0	44.4	66.6	

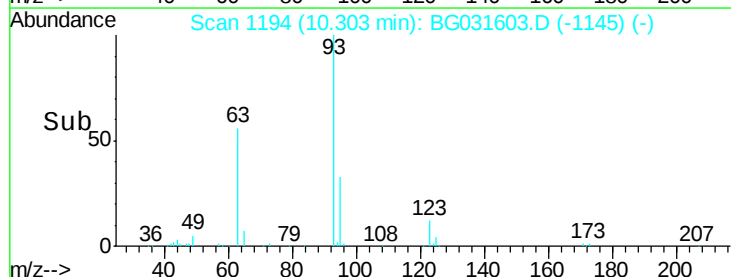
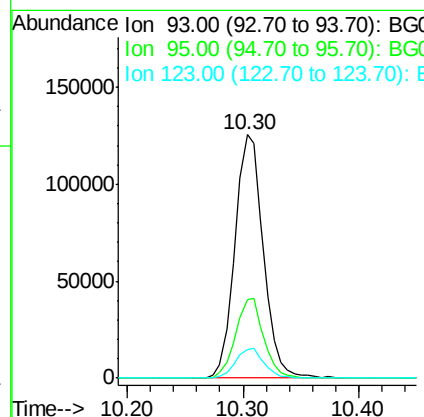
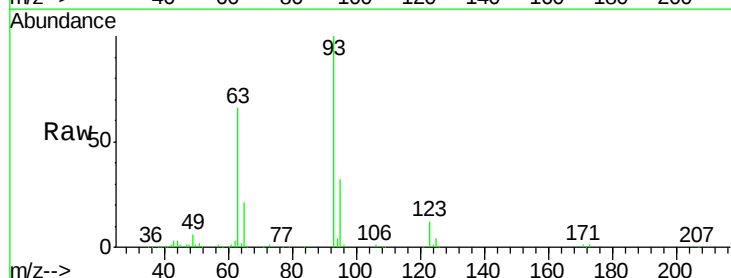
Manual Integrations
APPROVED

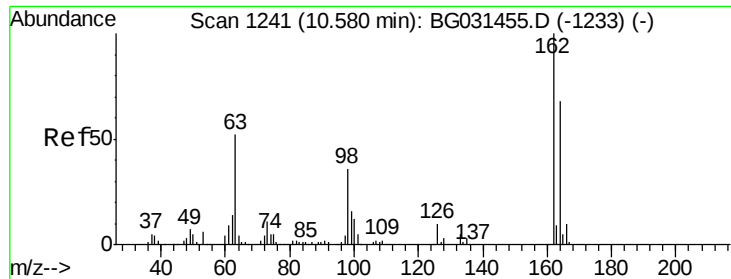
Sohil
12/18/2017 5:07:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.981 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213350		
95	32.2	24.3	36.5	
123	12.0	8.4	12.6	





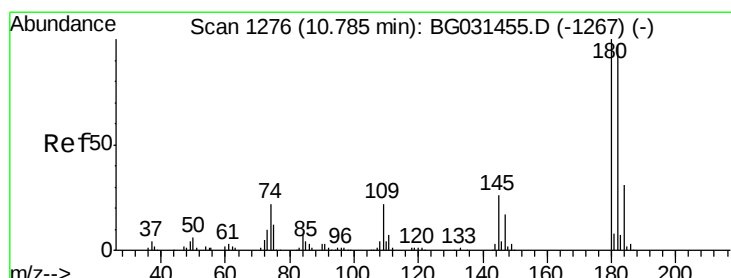
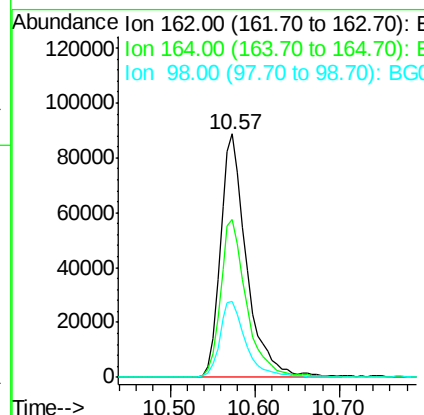
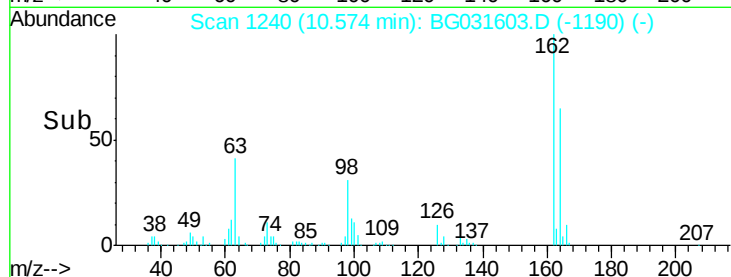
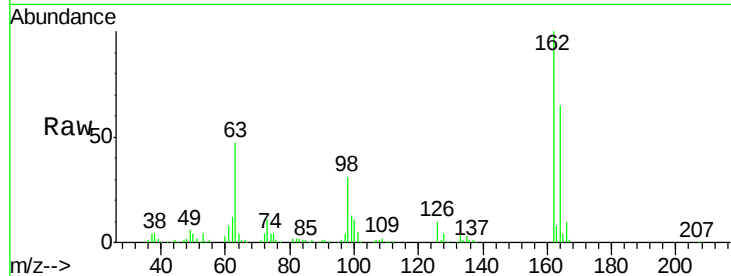
#29
 2,4-Dichlorophenol
 Concen: 42.244 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	48.0	88.0
98	31.2	21.1	61.1

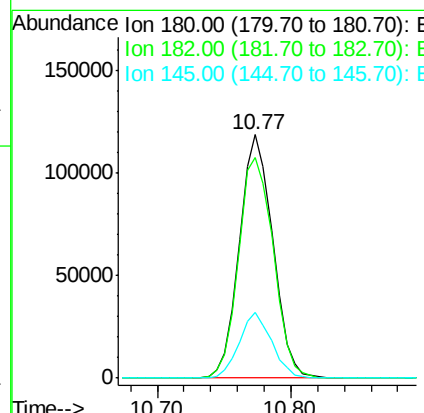
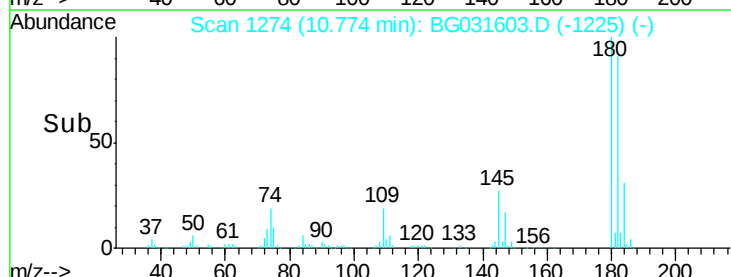
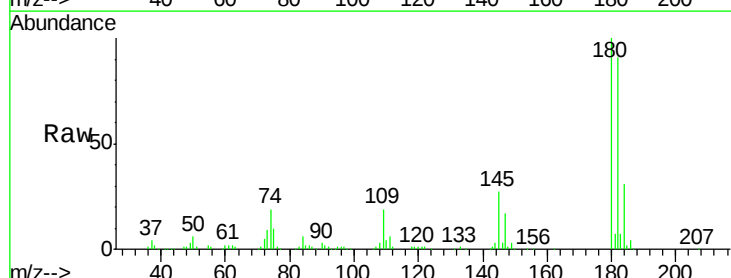
Manual Integrations
 APPROVED

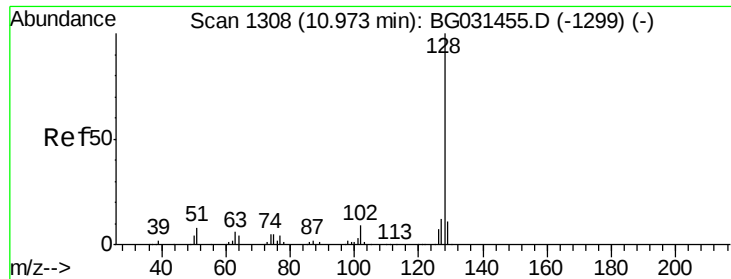
Sohil
 12/18/2017 5:07:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.399 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.8	77.5	116.3
145	26.8	23.4	35.2





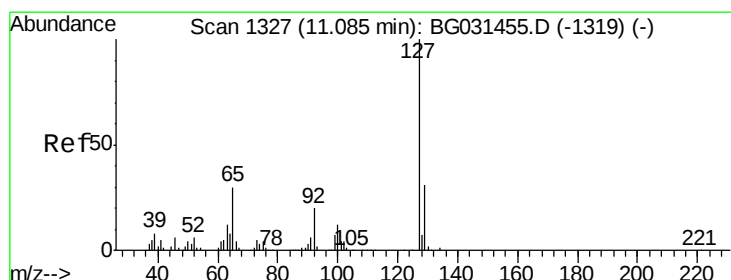
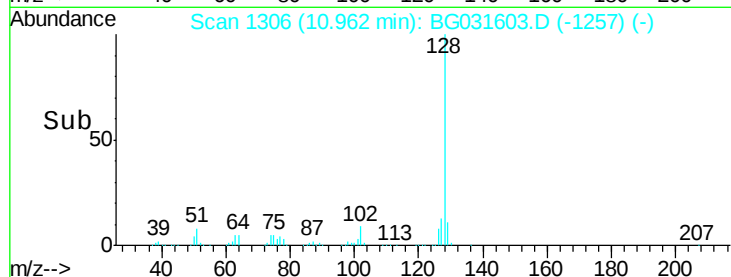
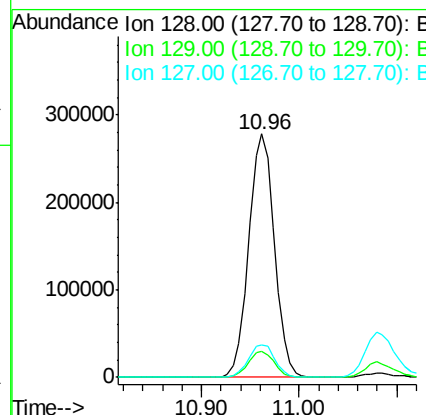
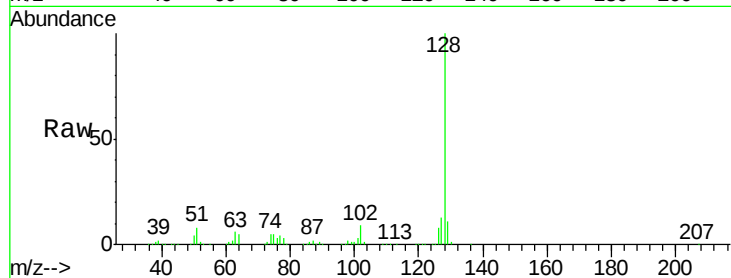
#31
Naphthalene
Concen: 33.788 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.4	11.6	17.4

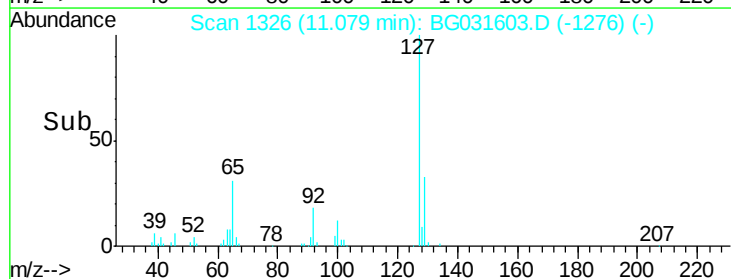
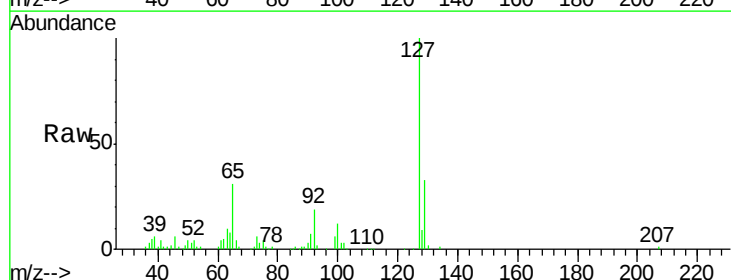
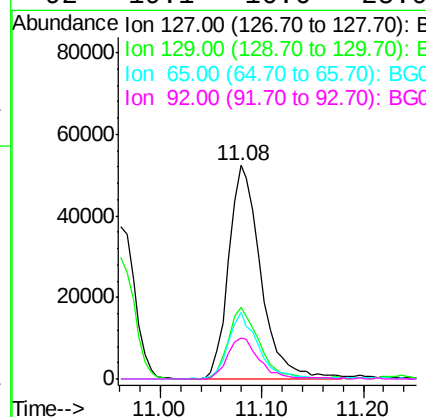
Manual Integrations
APPROVED

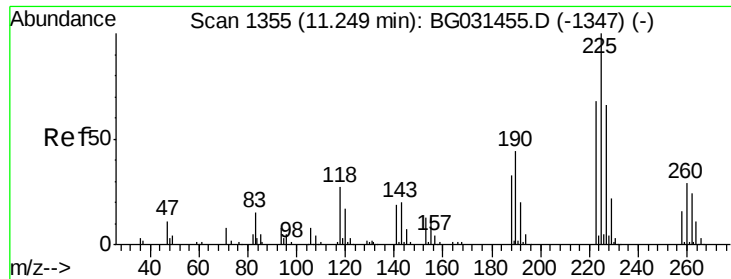
Sohil
12/18/2017 5:07:52 PM



#33
4-Chloroaniline
Concen: 17.467 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	31.0	27.0	40.4
92	19.1	16.6	25.0





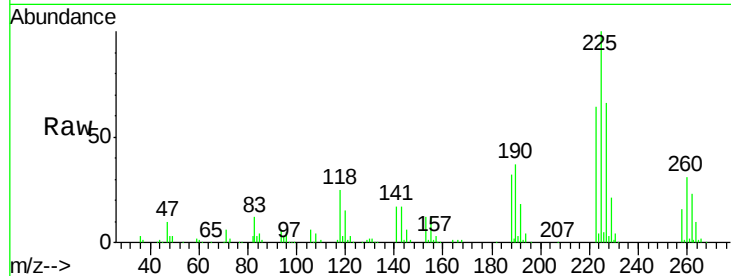
#34
Hexachlorobutadiene
Concen: 33.802 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	66.3	48.1	72.1

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM

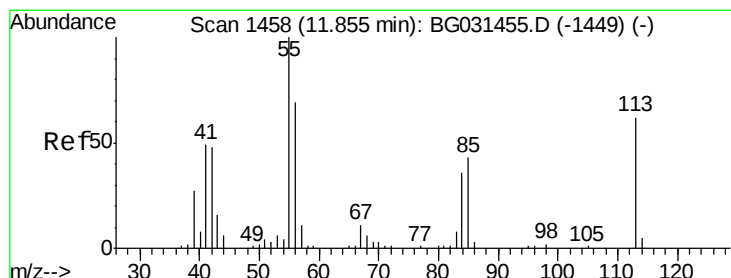
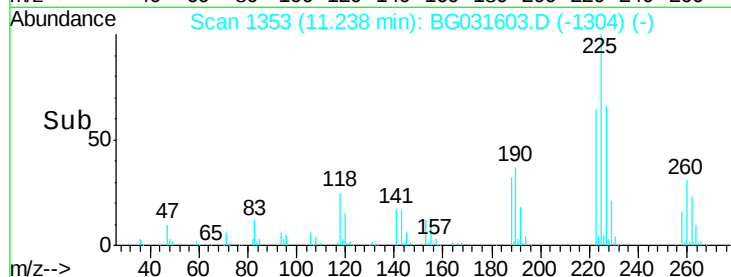
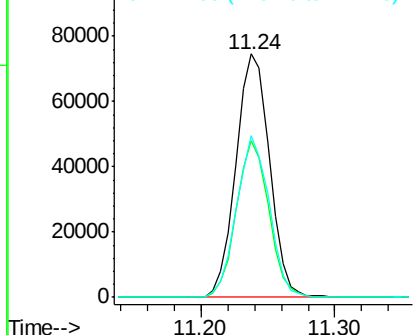


Abundance

Ion 225.00 (224.70 to 225.70): E

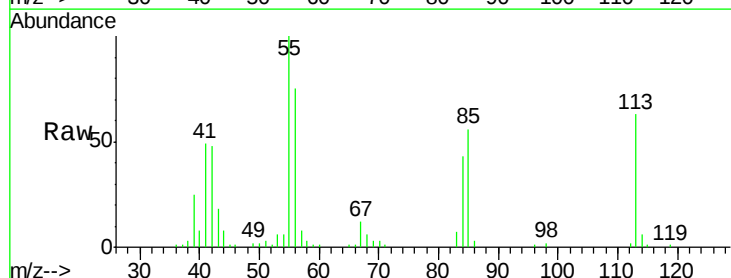
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 39.541 ng m
RT: 11.84 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
113	100		
55	158.2	186.9	226.9#
56	119.3	130.9	170.9#

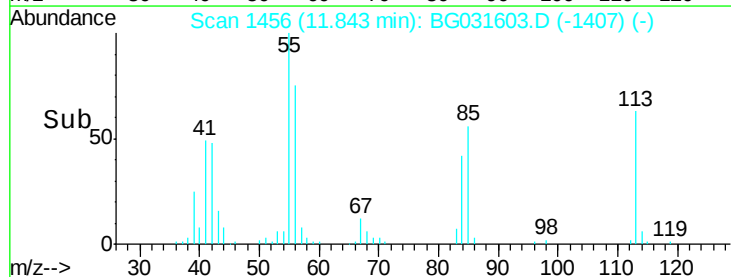
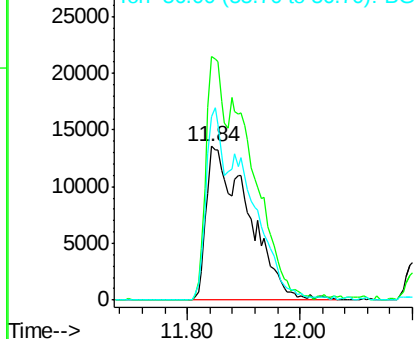


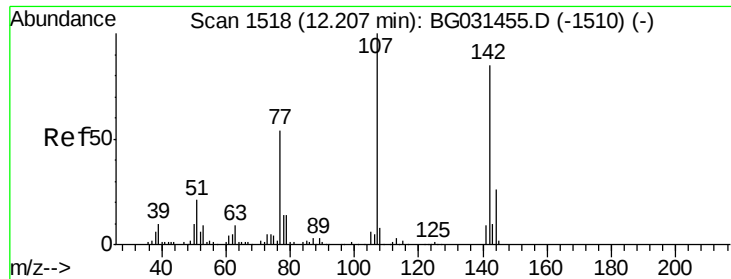
Abundance

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





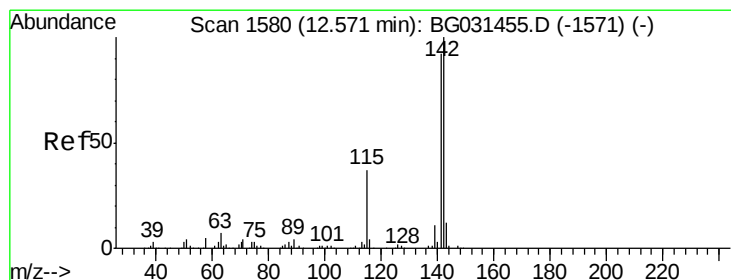
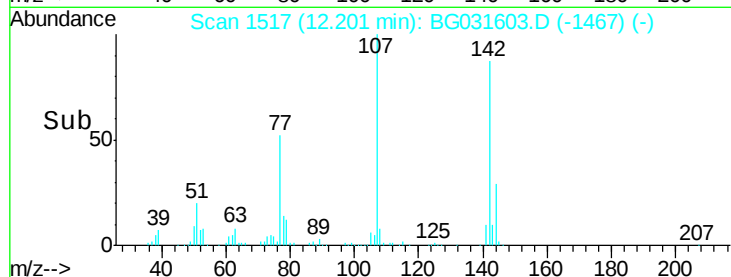
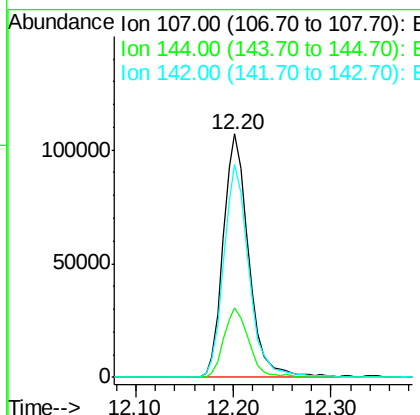
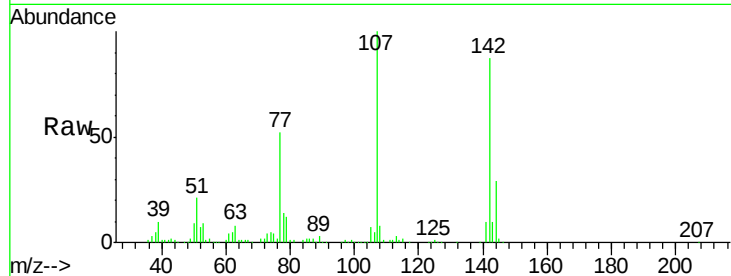
#36
 4-Chloro-3-methylphenol
 Concen: 37.439 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	18.2	27.4#
142	87.5	59.0	88.4

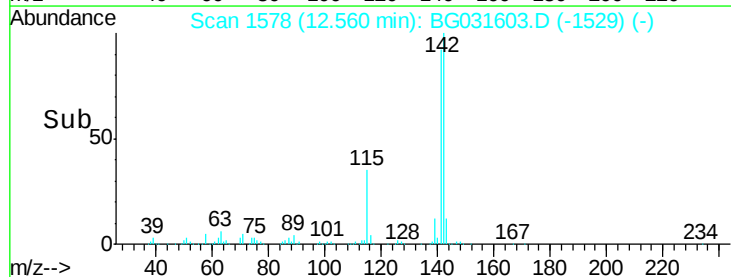
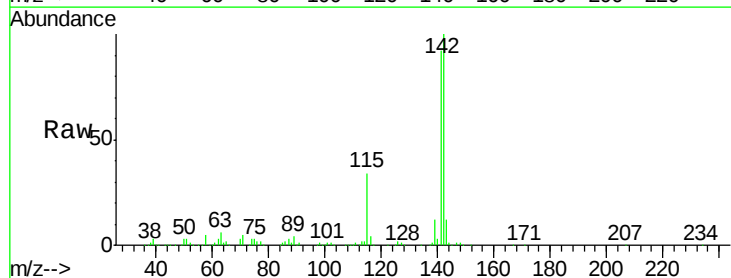
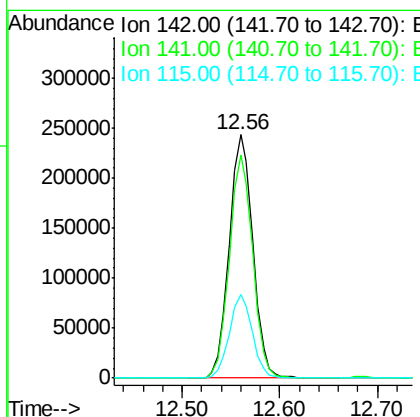
Manual Integrations
 APPROVED

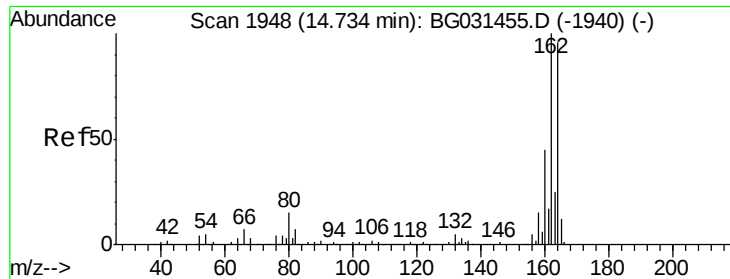
Sohil
 12/18/2017 5:07:52 PM



#37
 2-Methylnaphthalene
 Concen: 34.875 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	34.4	30.7	46.1





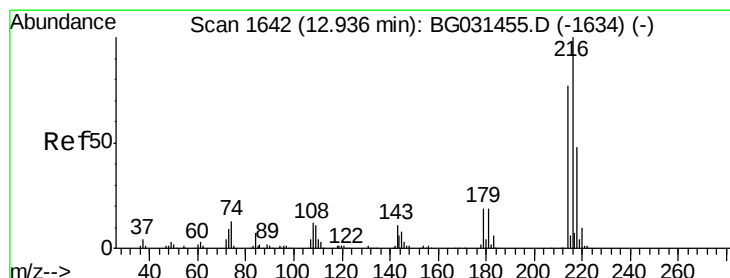
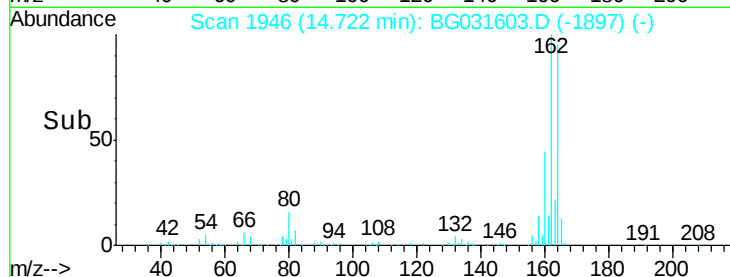
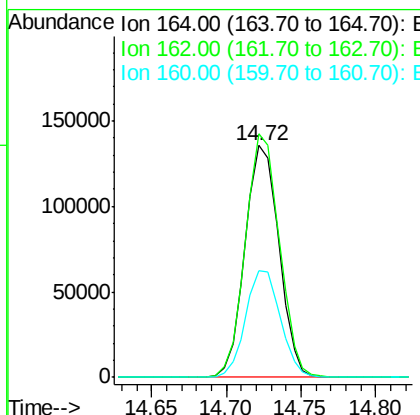
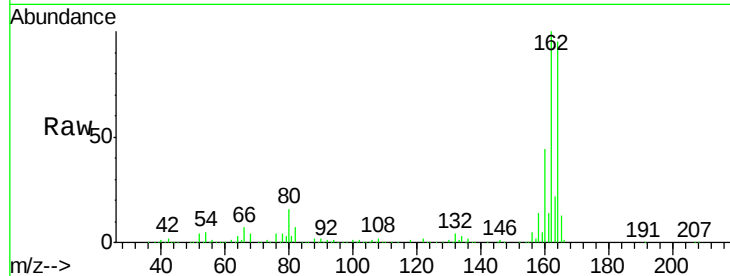
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212860		
162	105.1	78.8	118.2	
160	46.1	35.4	53.0	

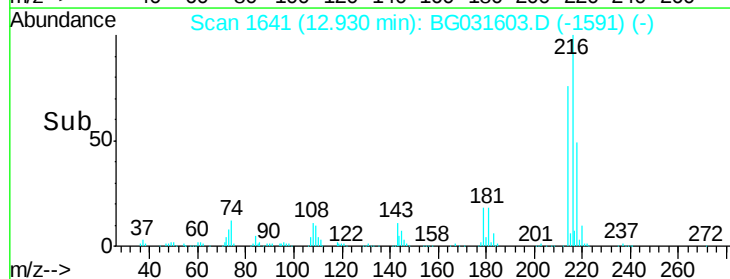
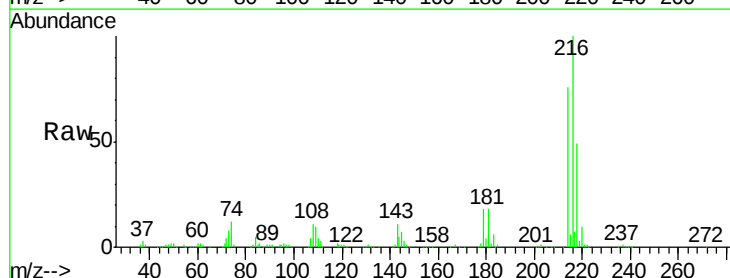
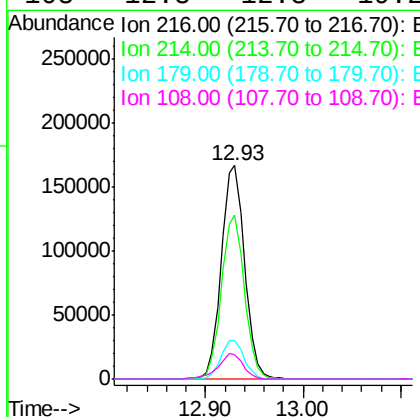
Manual Integrations
APPROVED

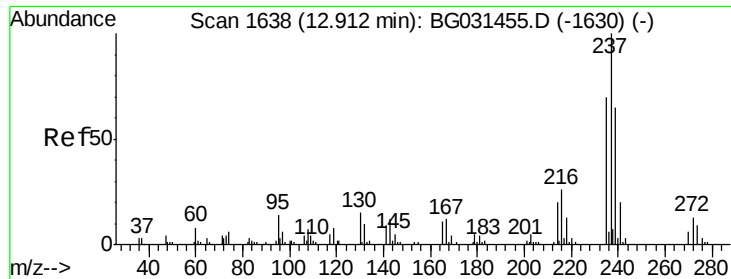
Sohil
12/18/2017 5:07:52 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.072 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	275126		
214	76.0	63.0	94.4	
179	18.1	17.0	25.6	
108	12.8	12.8	19.2	





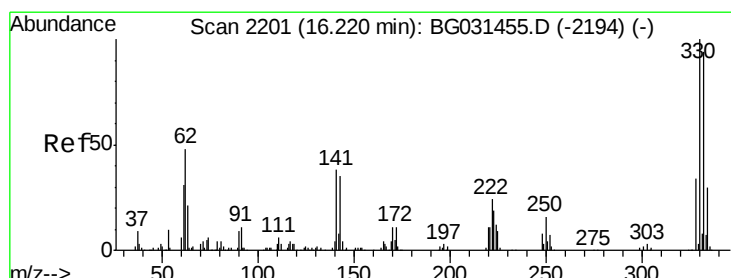
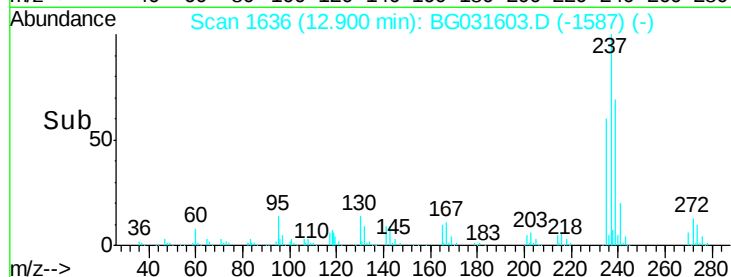
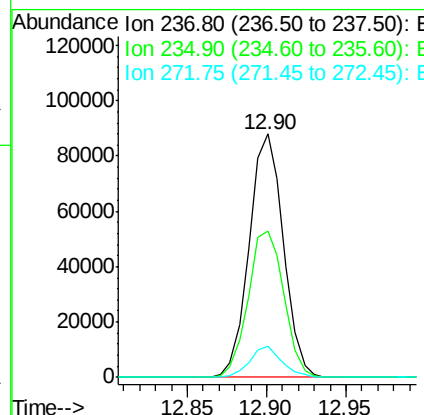
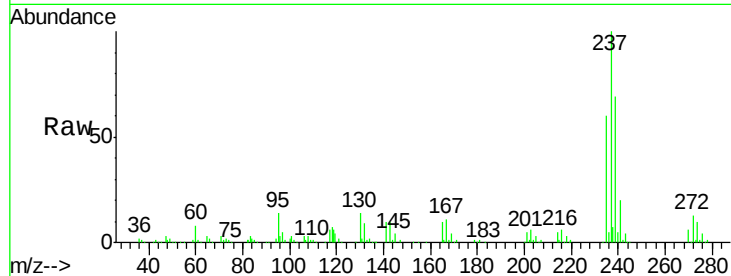
#40
Hexachlorocyclopentadiene
Concen: 55.070 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.2	50.4	90.4
272	12.6	0.0	31.8

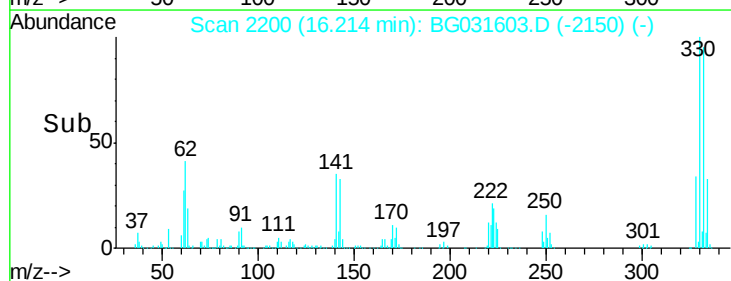
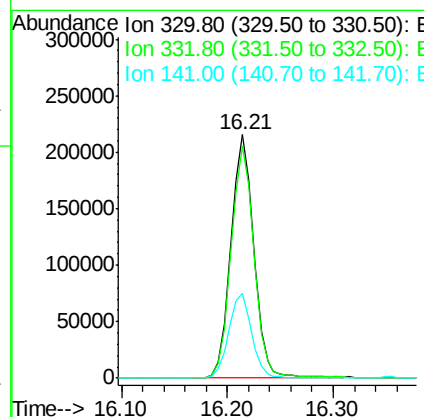
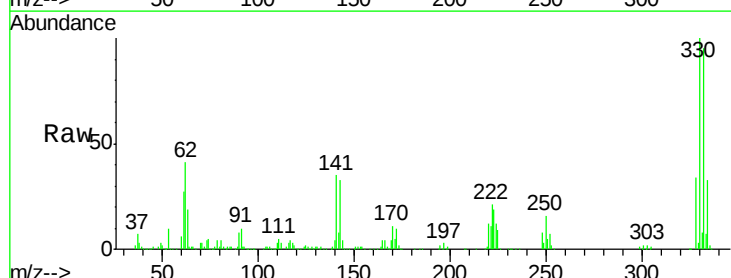
Manual Integrations
APPROVED

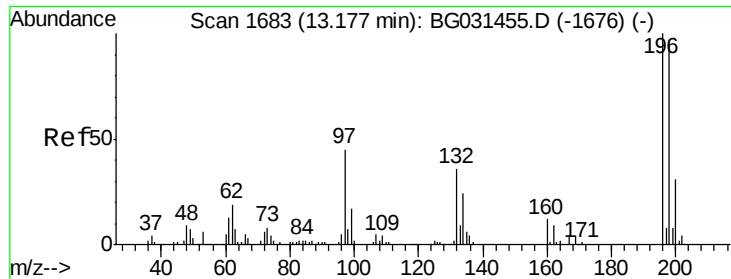
Sohil
12/18/2017 5:07:52 PM



#41
2,4,6-Tribromophenol
Concen: 129.767 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.3	77.0	115.6
141	34.9	25.2	37.8





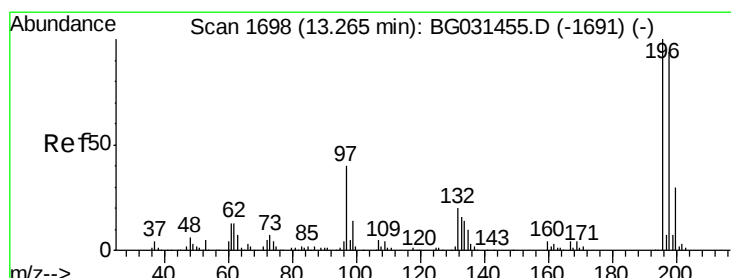
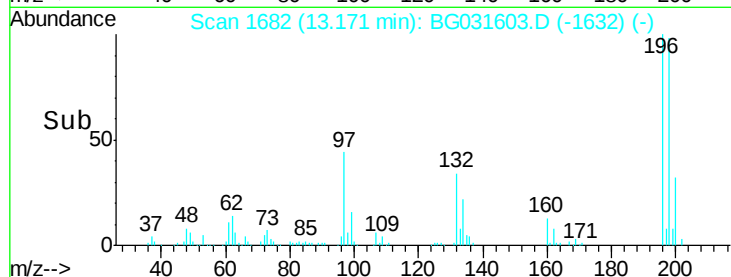
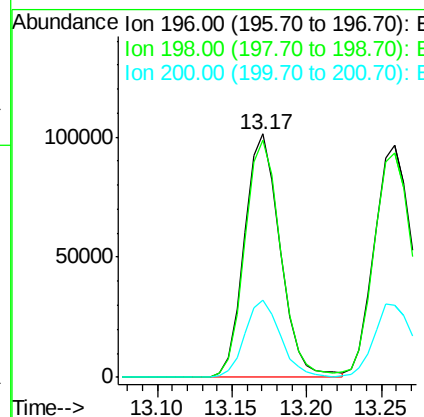
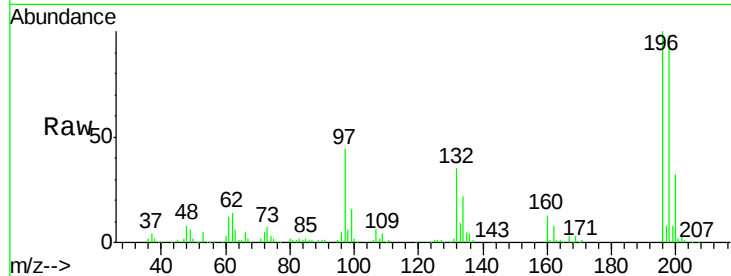
#42
 2,4,6-Trichlorophenol
 Concen: 39.566 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168169		
198	97.6	78.2	117.2	
200	31.8	24.6	36.8	

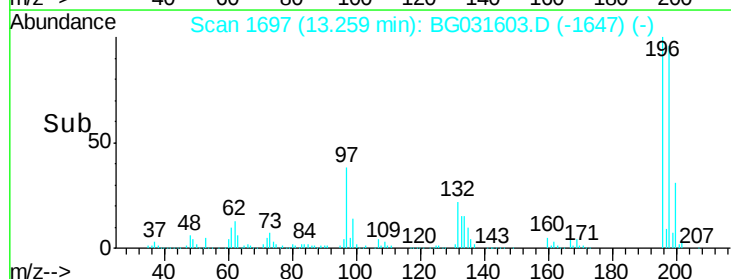
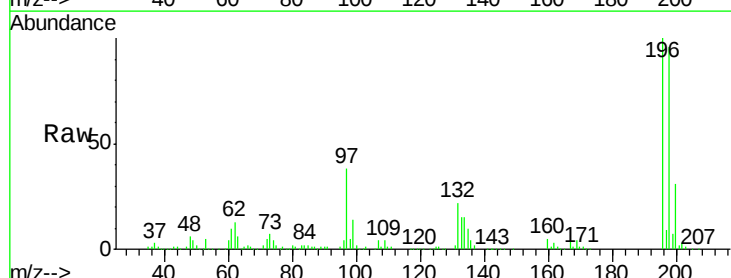
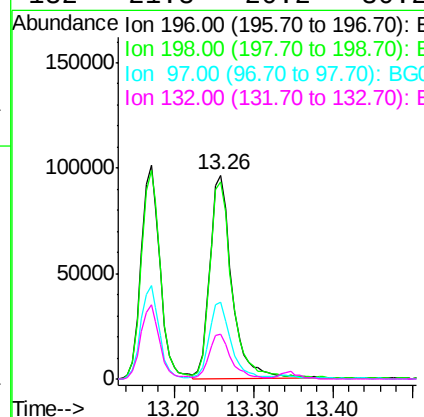
Manual Integrations
 APPROVED

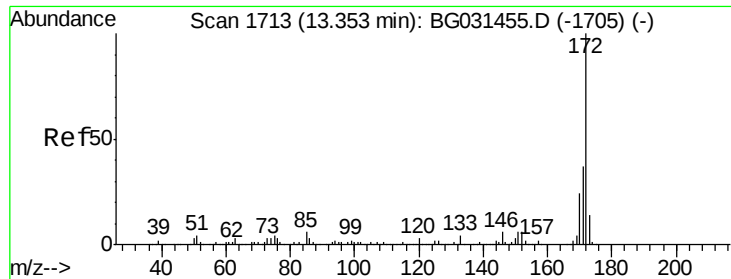
Sohil
 12/18/2017 5:07:52 PM



#43
 2,4,5-Trichlorophenol
 Concen: 40.739 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186524		
198	96.4	76.2	114.4	
97	37.6	38.7	58.1#	
132	21.8	20.2	30.2	





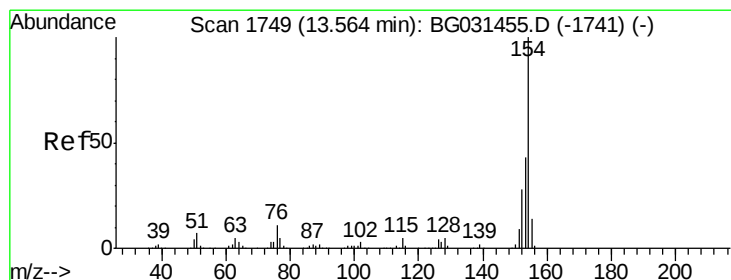
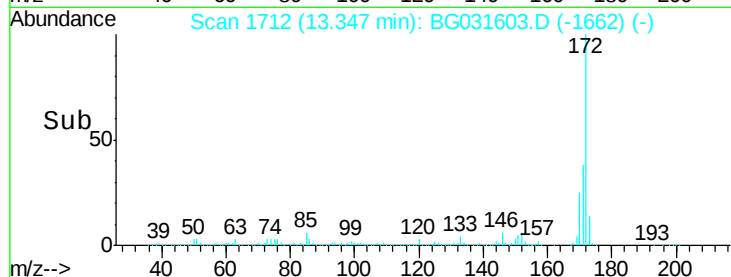
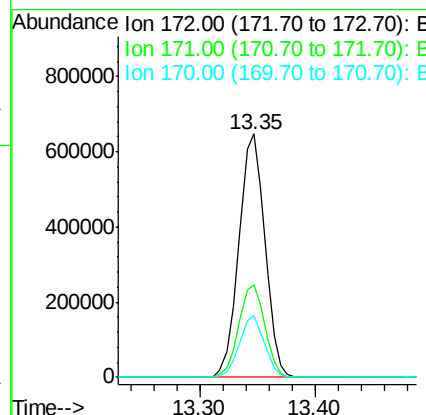
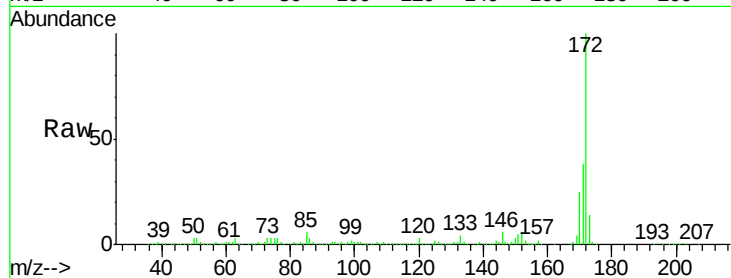
#44
 2-Fluorobiphenyl
 Concen: 69.536 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.2	19.5	29.3

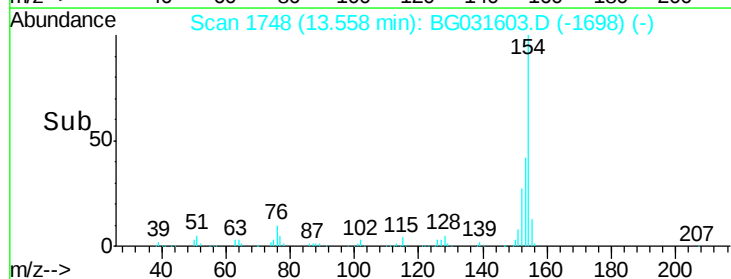
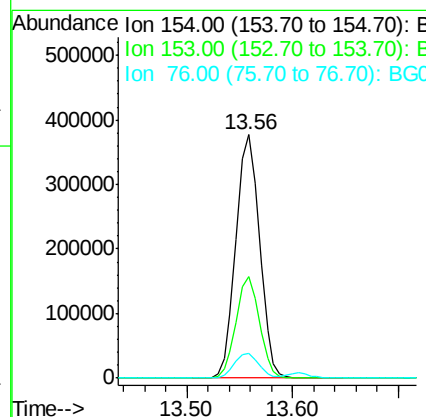
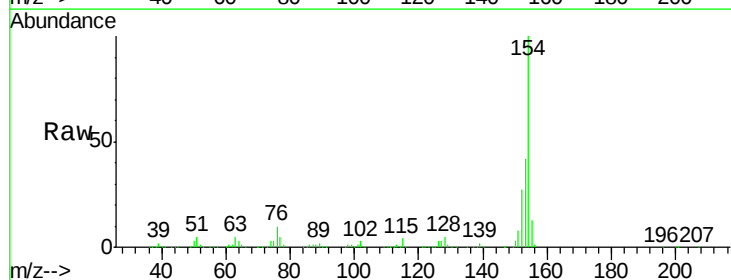
Manual Integrations
 APPROVED

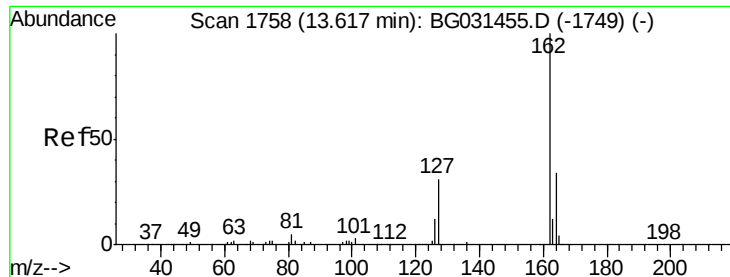
Sohil
 12/18/2017 5:07:52 PM



#45
 1,1'-Biphenyl
 Concen: 33.354 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	9.9	0.0	31.9





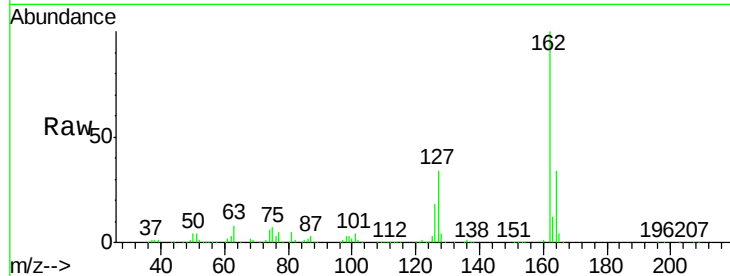
#46
2-Chloronaphthalene
Concen: 35.241 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

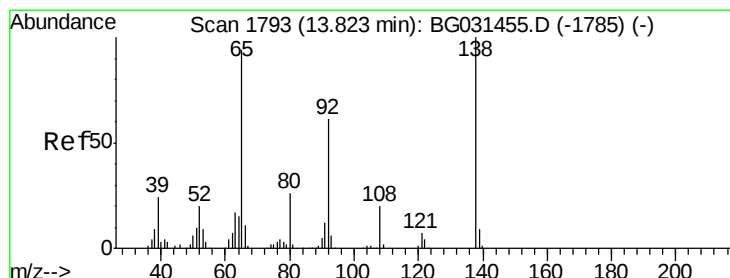
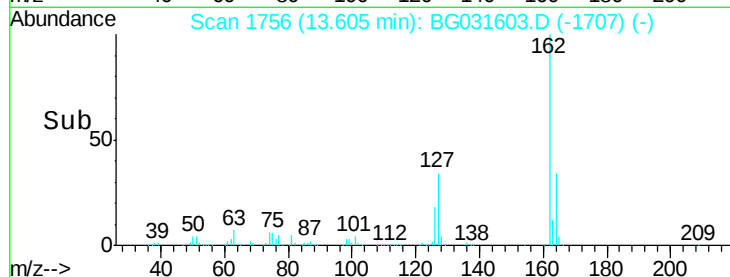
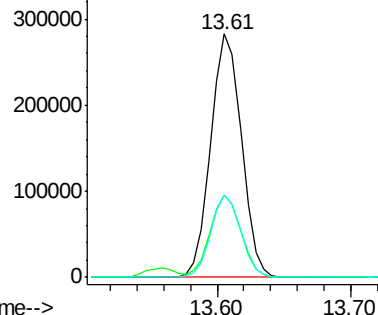
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450947		
127	33.6	30.7	46.1	
164	33.8	26.0	39.0	

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM

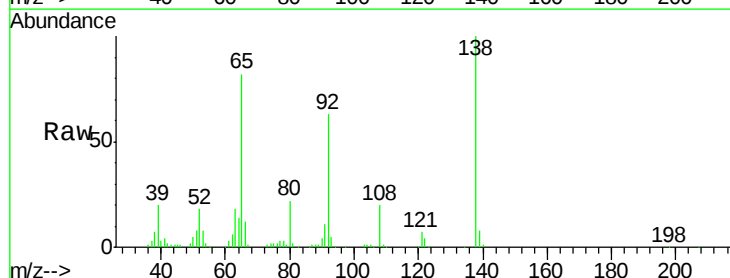


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

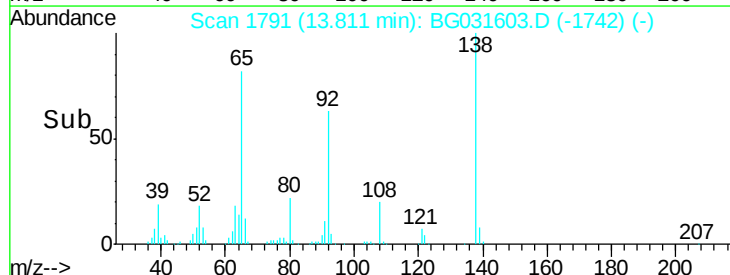
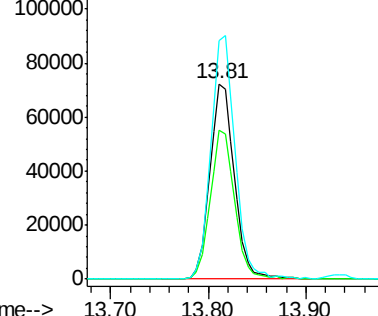


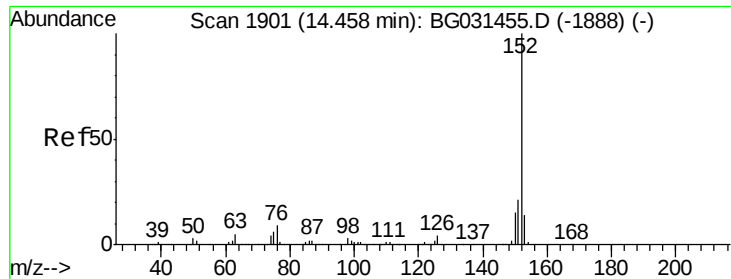
#47
2-Nitroaniline
Concen: 34.979 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	125776		
92	76.6	54.6	82.0	
138	122.5	72.9	109.3	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





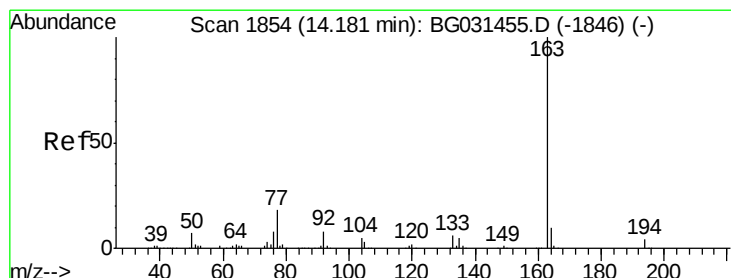
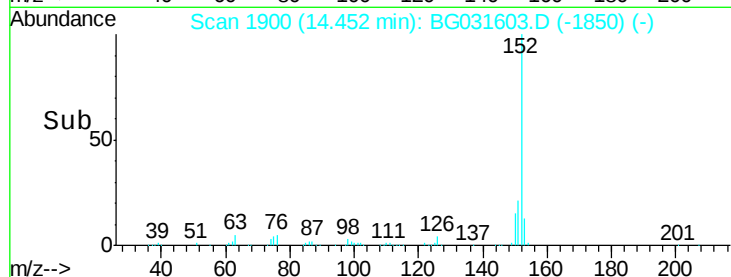
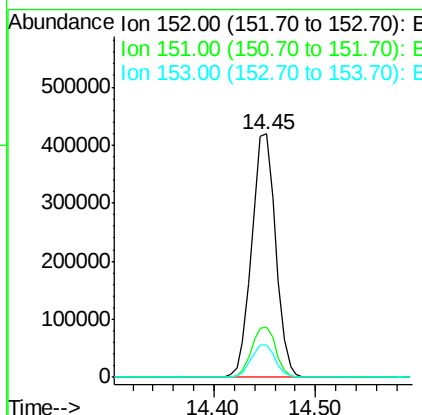
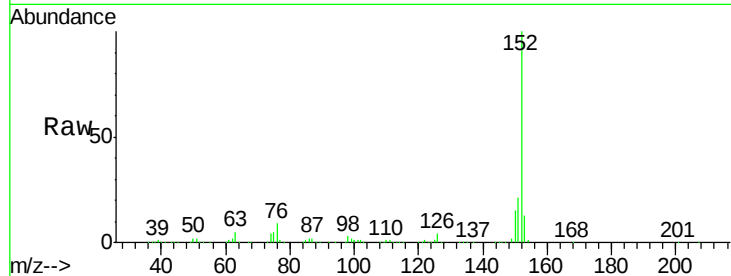
#48
Acenaphthylene
Concen: 33.437 ng
RT: 14.45 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.4	10.2	15.4

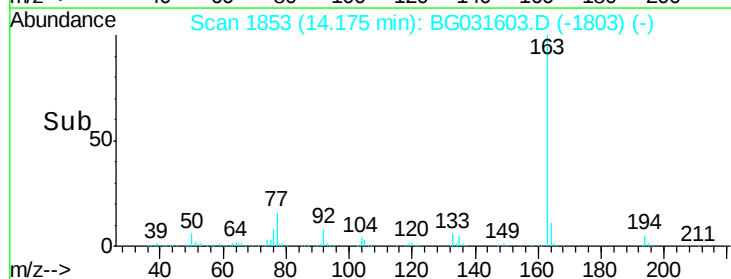
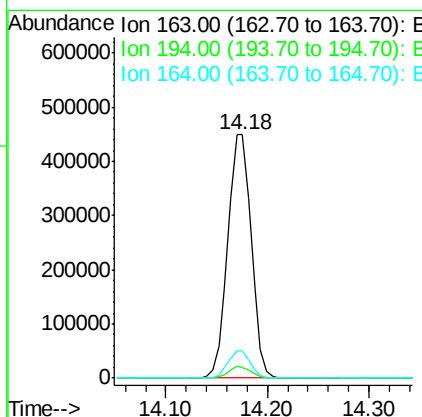
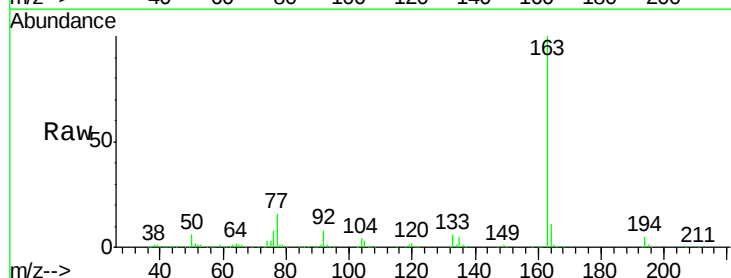
Manual Integrations
APPROVED

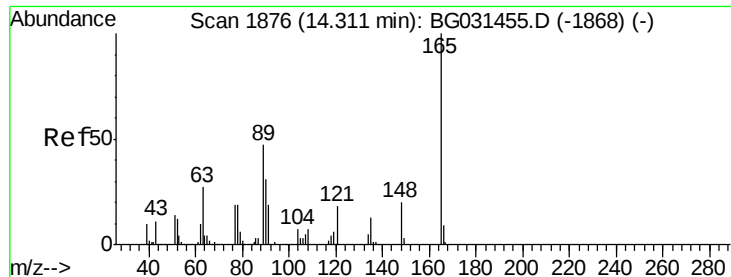
Sohil
12/18/2017 5:07:52 PM



#49
Dimethylphthalate
Concen: 40.899 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	11.0	8.2	12.4





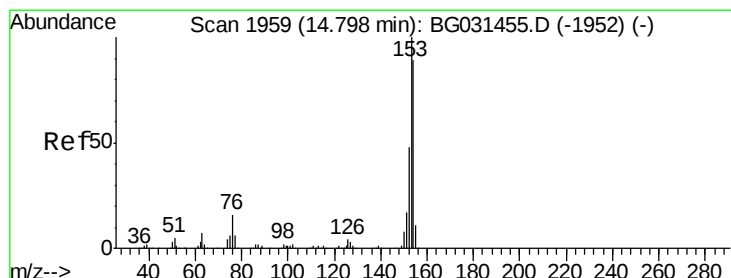
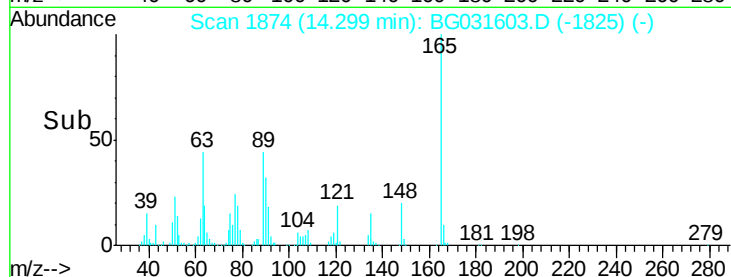
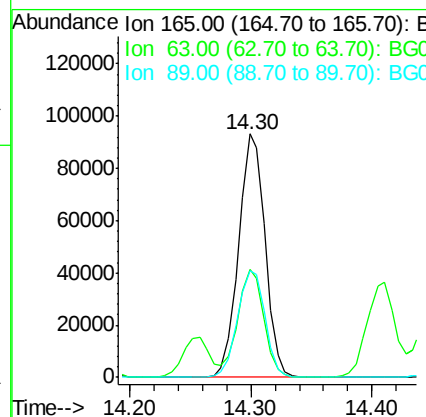
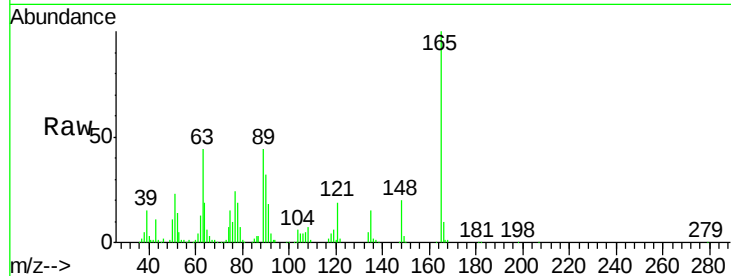
#50
2,6-Dinitrotoluene
Concen: 37.785 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142325		
63	44.2	52.7	79.1#	
89	43.7	49.2	73.8#	

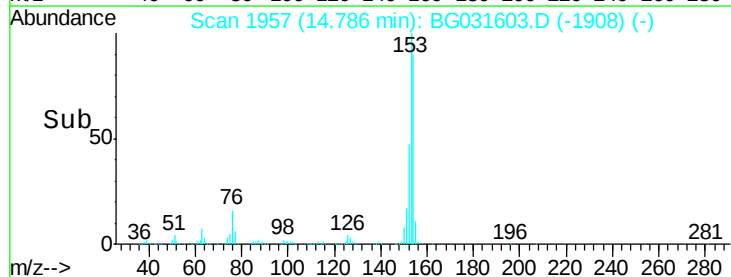
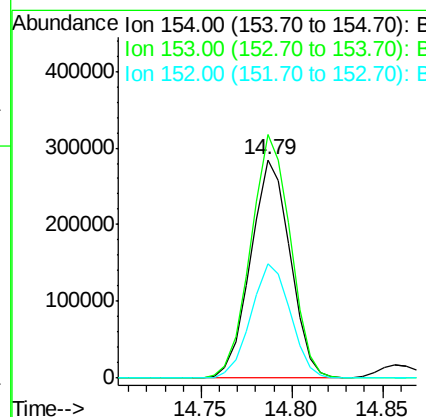
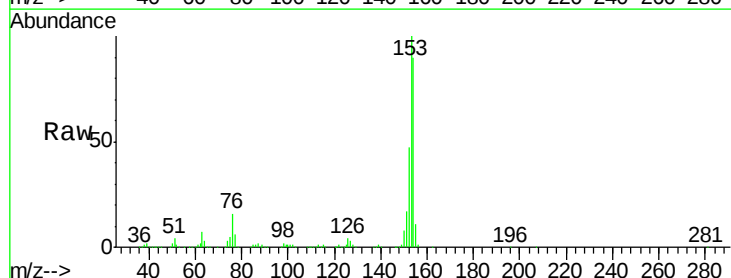
Manual Integrations
APPROVED

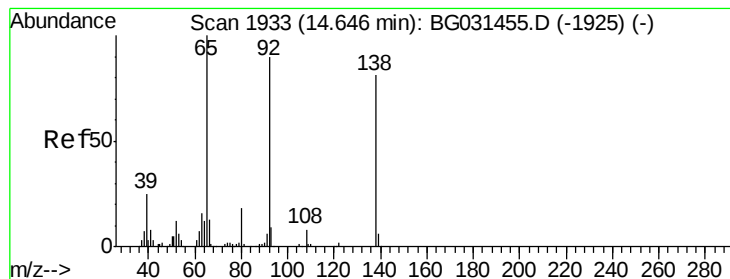
Sohil
12/18/2017 5:07:52 PM



#51
Acenaphthene
Concen: 33.095 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	430867		
153	111.5	90.4	135.6	
152	52.4	41.6	62.4	





#52

3-Nitroaniline

Concen: 25.453 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

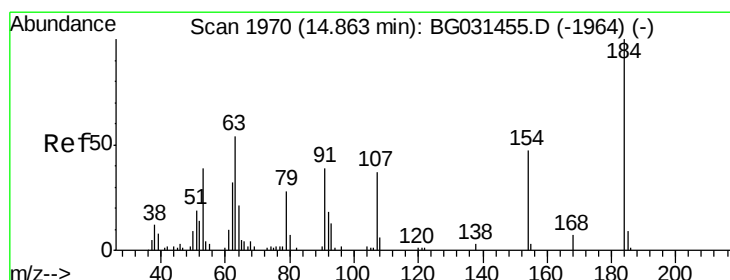
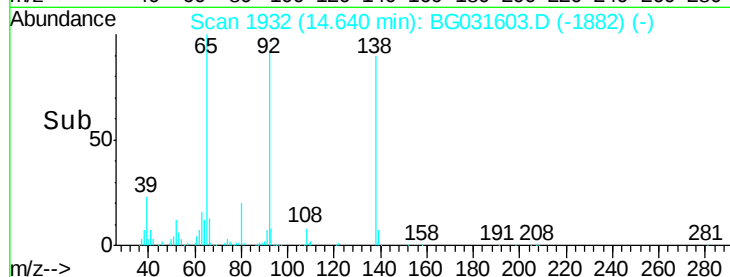
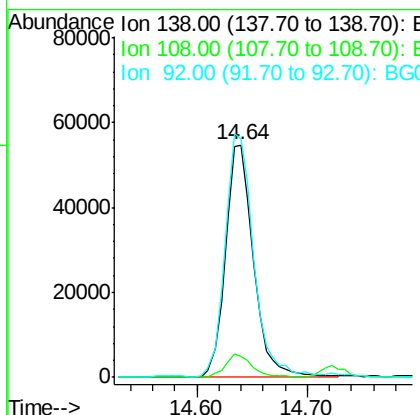
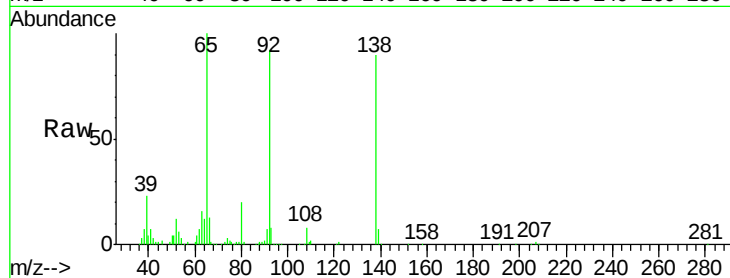
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	17.5	26.3#
92	102.4	105.8	158.8#

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#53

2,4-Dinitrophenol

Concen: 45.614 ng

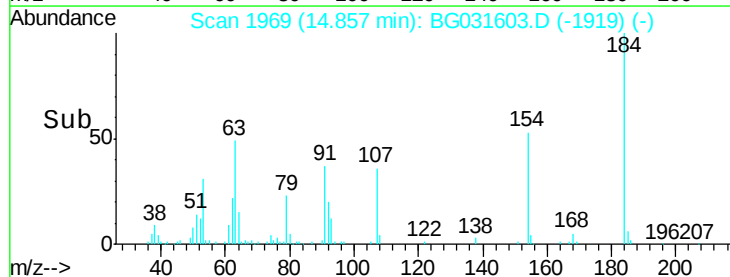
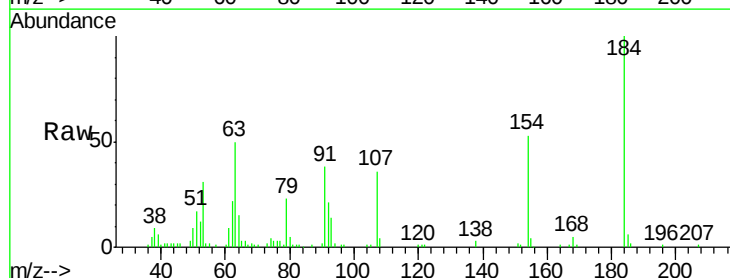
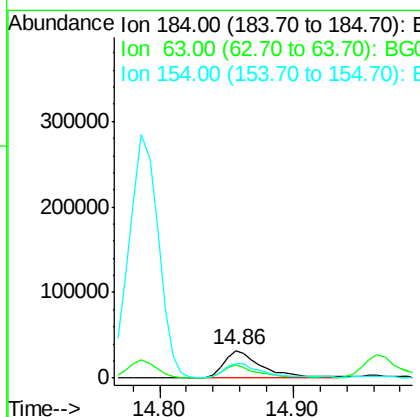
RT: 14.86 min Scan# 1969

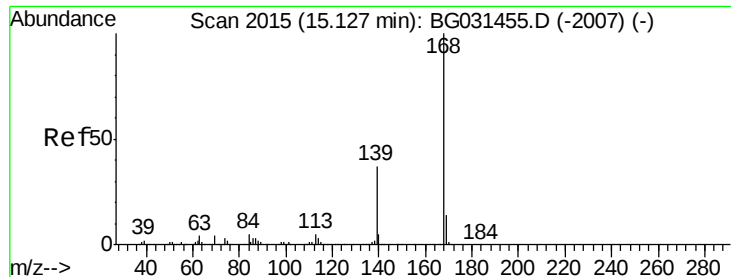
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.2	59.8	89.8#
154	52.9	101.8	152.8#





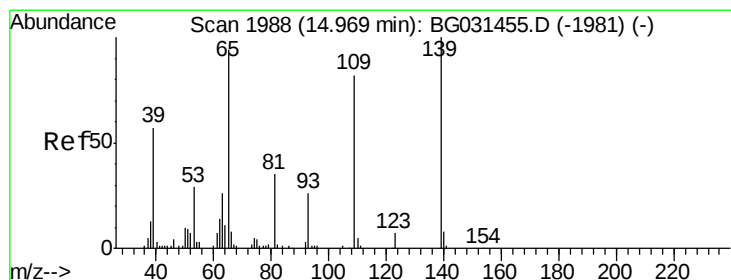
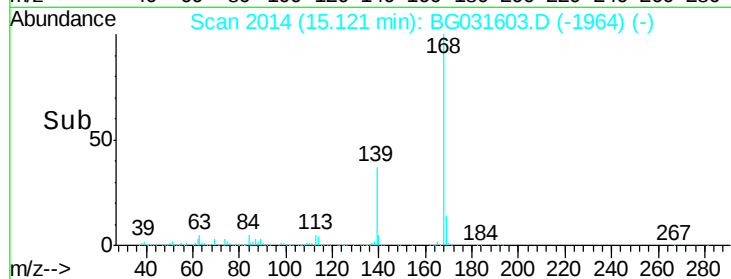
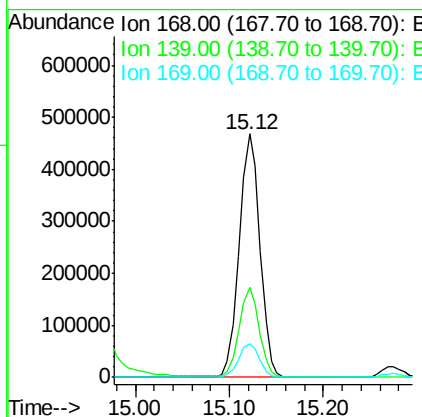
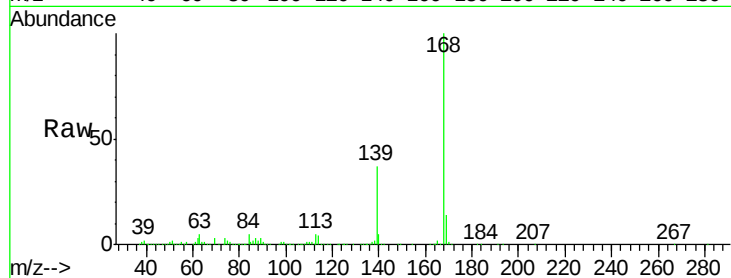
#54
Dibenzofuran
Concen: 34.365 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.6	43.0
169	13.6	11.2	16.8

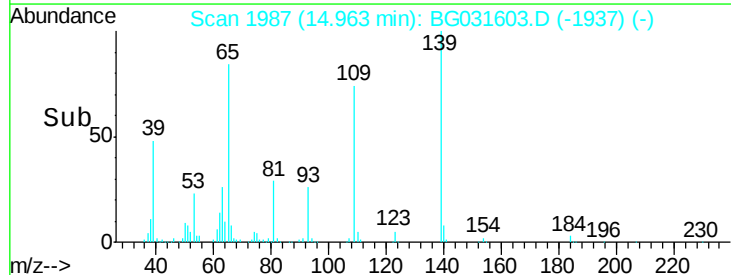
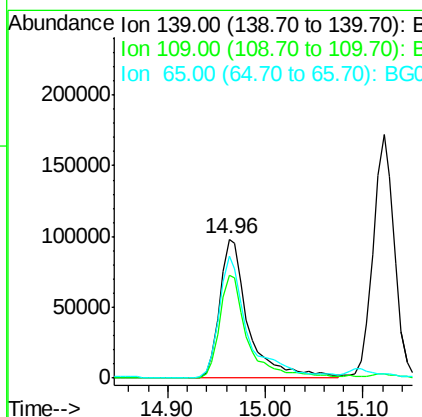
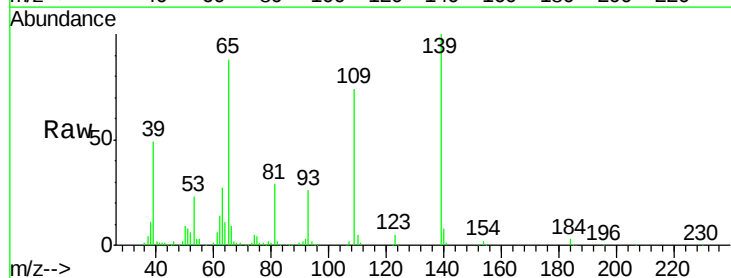
Manual Integrations
APPROVED

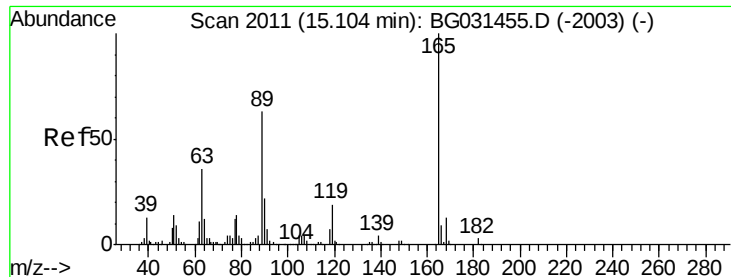
Sohil
12/18/2017 5:07:52 PM



#55
4-Nitrophenol
Concen: 77.615 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	62.2	102.2
65	88.1	97.2	137.2#





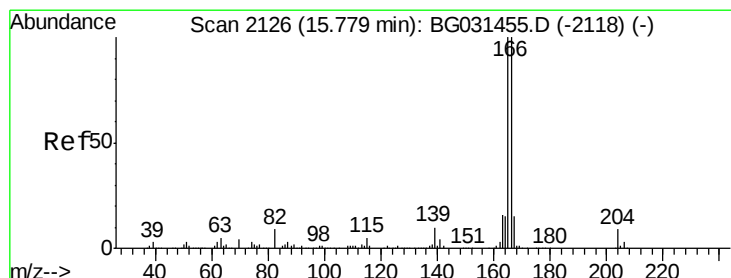
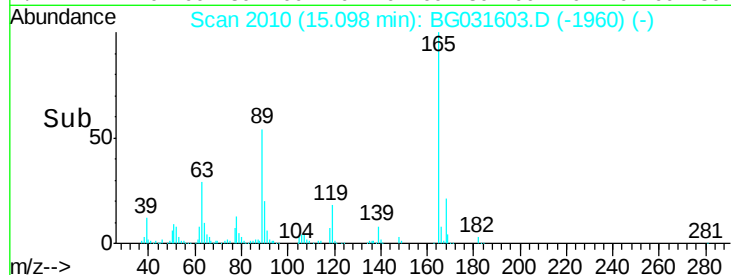
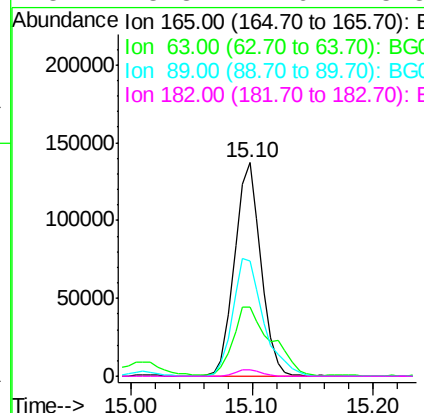
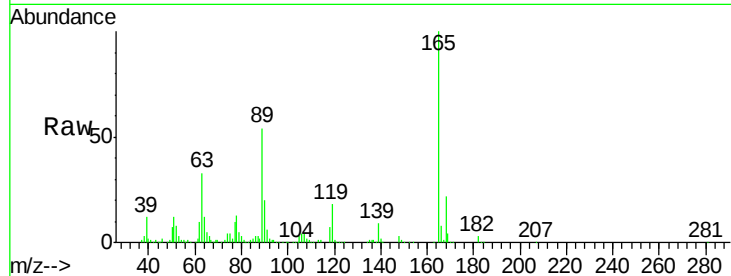
#56
2,4-Dinitrotoluene
Concen: 38.954 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208405		
63	32.6	42.0	63.0#	
89	54.1	66.9	100.3#	
182	3.3	2.6	3.8	

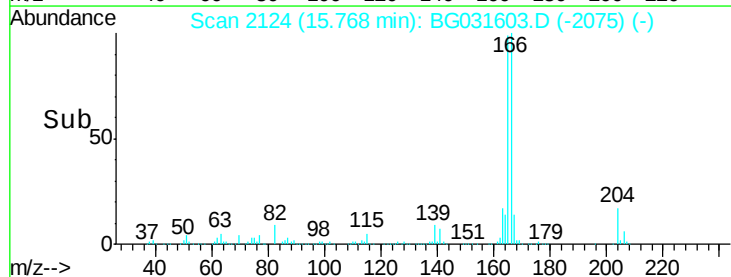
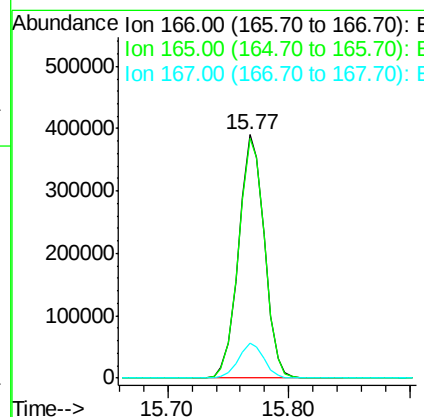
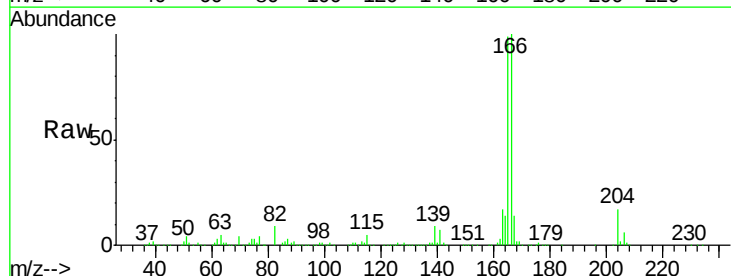
Manual Integrations
APPROVED

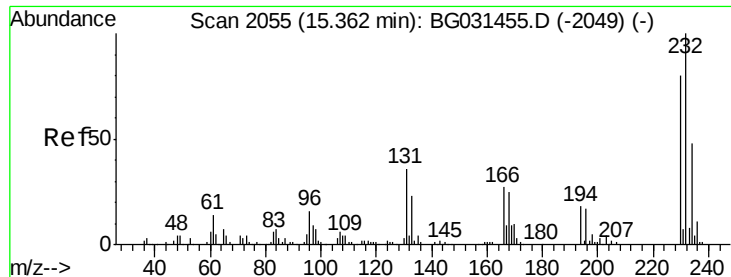
Sohil
12/18/2017 5:07:52 PM



#57
Fluorene
Concen: 34.755 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	578549		
165	98.5	80.6	121.0	
167	14.5	10.4	15.6	





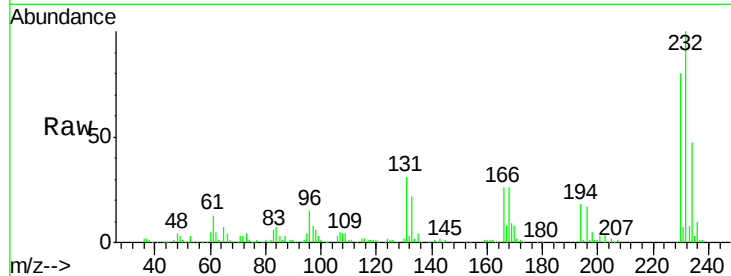
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.421 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

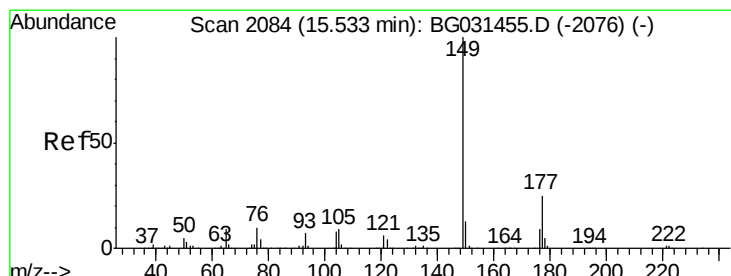
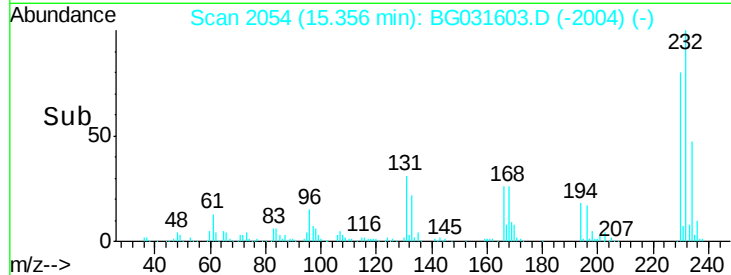
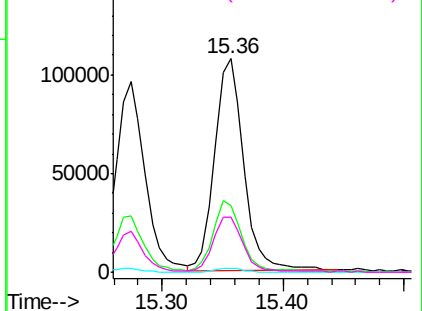
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178257		
131	33.4	33.5	50.3#	
130	2.1	2.2	3.2#	
166	26.4	24.8	37.2	

Manual Integrations
 APPROVED

Sohil
 12/18/2017 5:07:52 PM

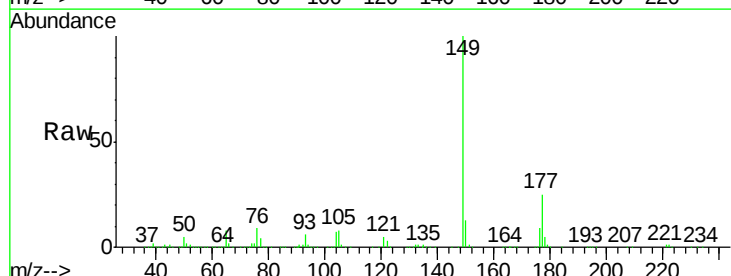


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

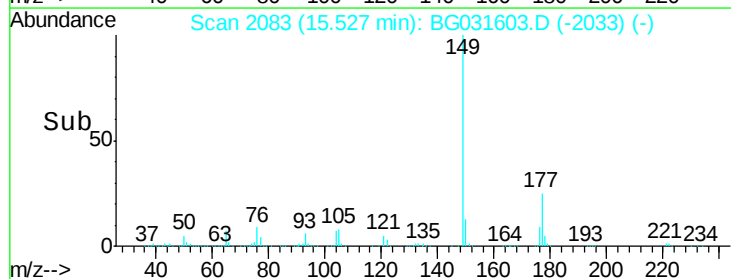
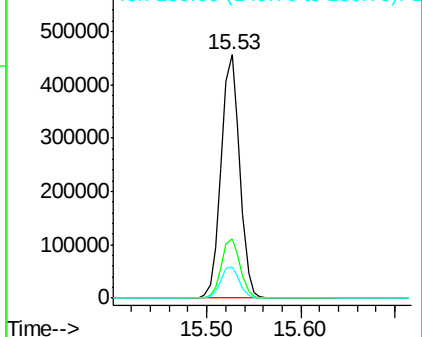


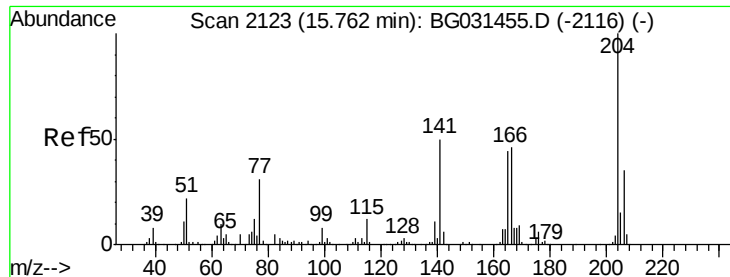
#59
 Diethylphthalate
 Concen: 35.359 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	624588		
177	24.5	18.5	27.7	
150	12.9	10.2	15.2	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





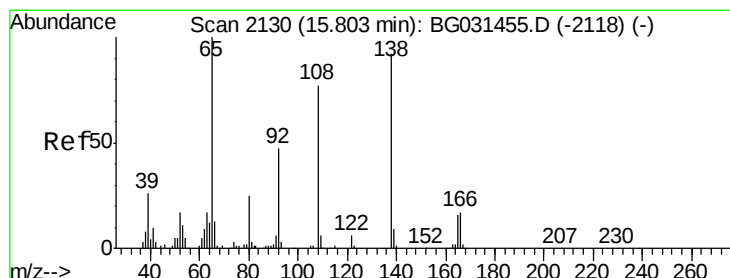
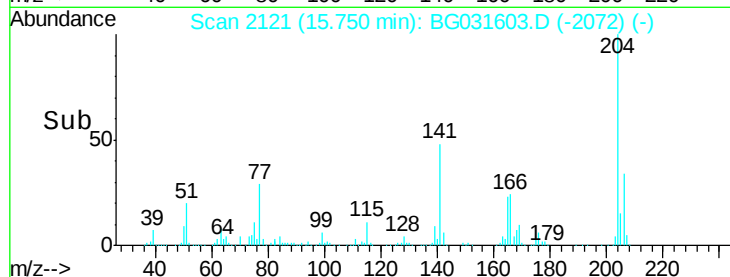
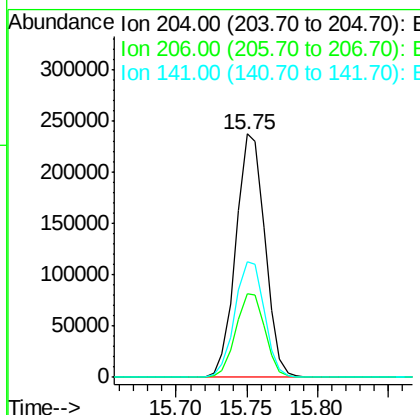
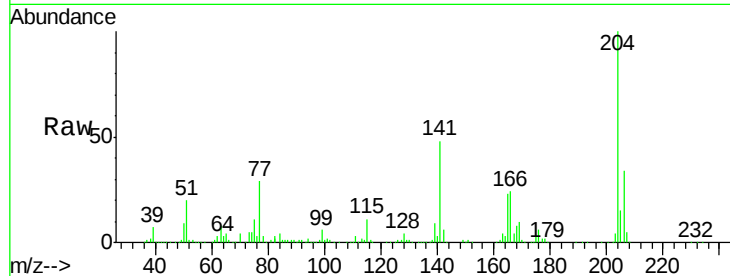
#60
 4-Chlorophenyl-phenylether
 Concen: 33.531 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	47.6	45.8	68.6

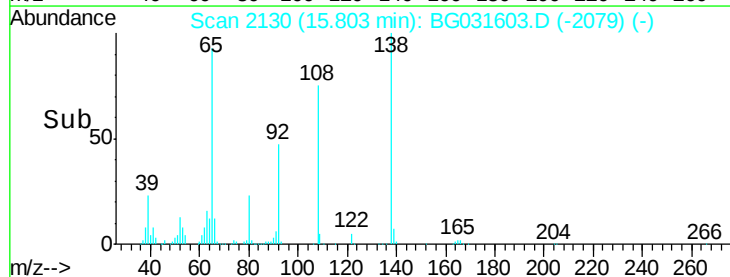
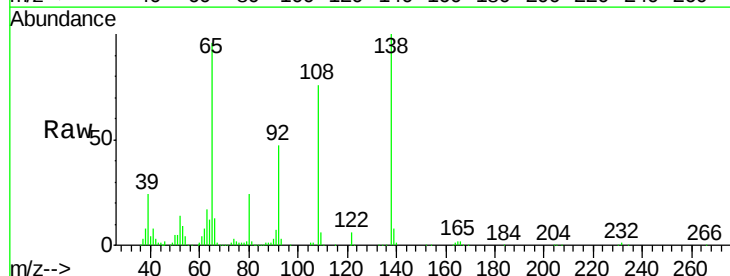
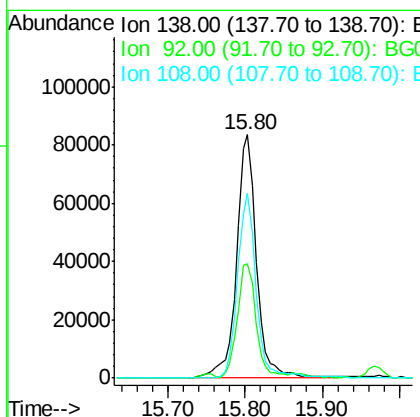
Manual Integrations
 APPROVED

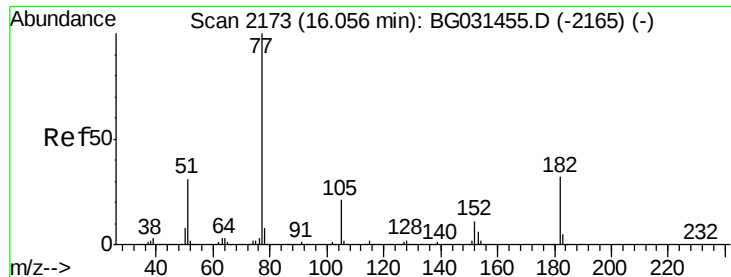
Sohil
 12/18/2017 5:07:52 PM



#61
 4-Nitroaniline
 Concen: 37.849 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	40.1	80.1
108	75.7	65.4	105.4





#62

Azobenzene

Concen: 33.151 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

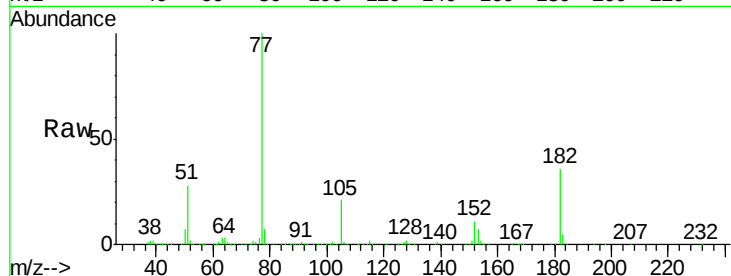
ClientSampleId :

EPE-125-4(0-5)MS

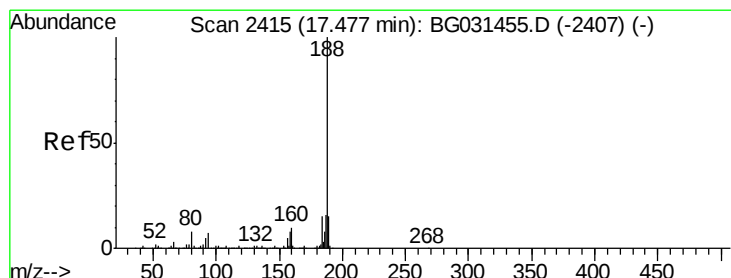
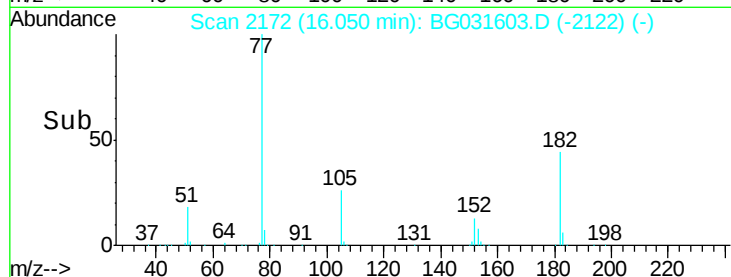
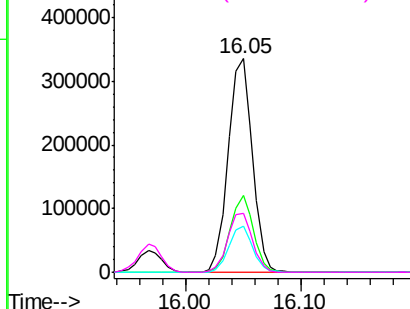
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	36.0	7.4	47.4	
105	21.4	0.3	40.3	
51	27.7	11.6	51.6	

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

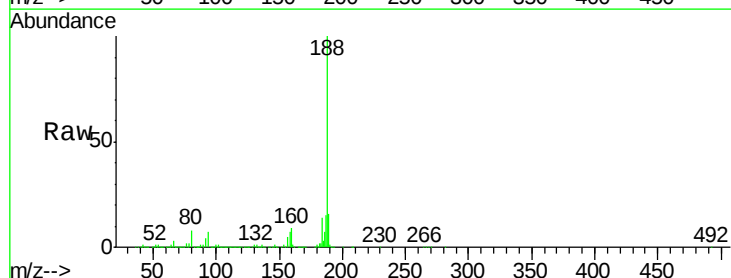
RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

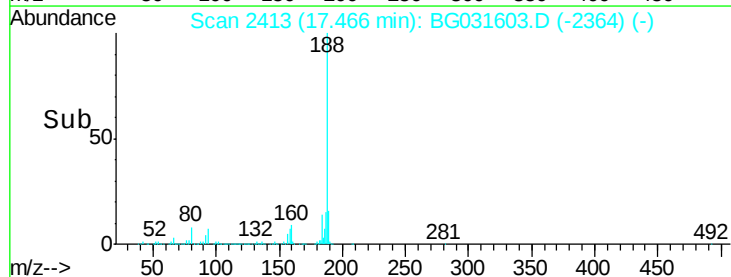
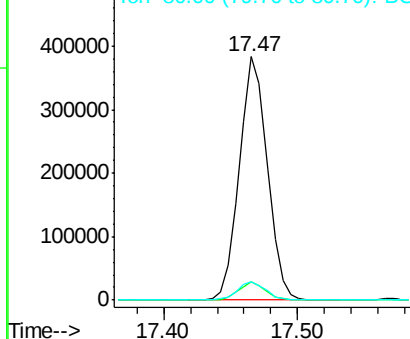
Lab File: BG031603.D

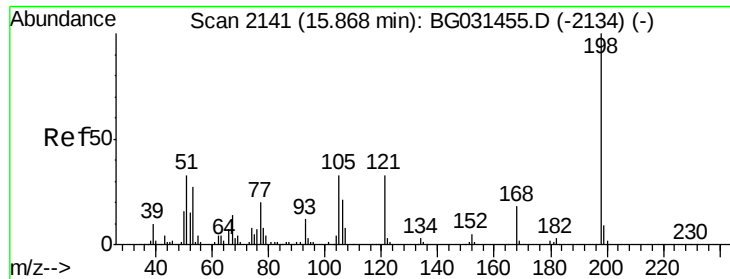
Acq: 16 Dec 2017 00:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.3	6.9	10.3	
80	7.5	7.7	11.5#	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





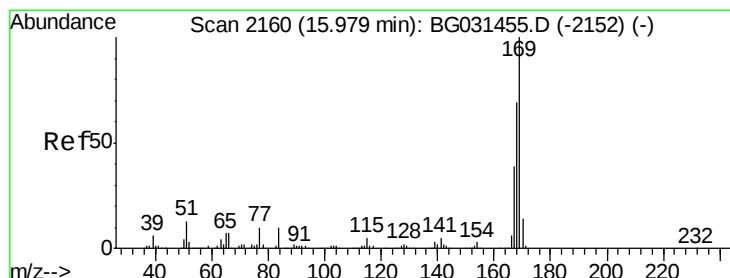
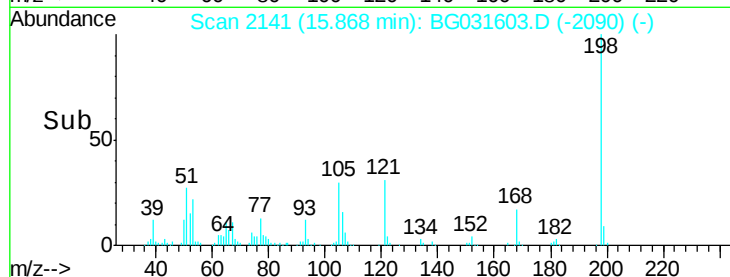
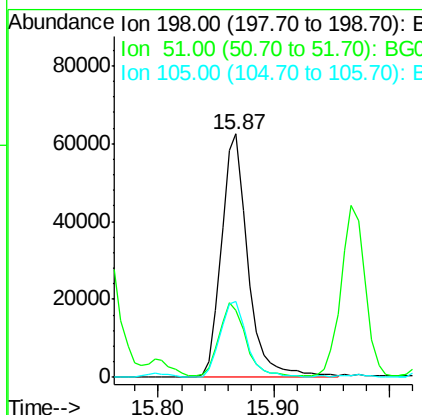
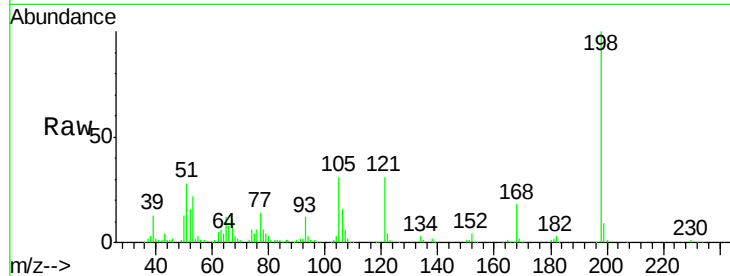
#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.424 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	27.6	30.6	70.6#
105	30.9	23.8	63.8

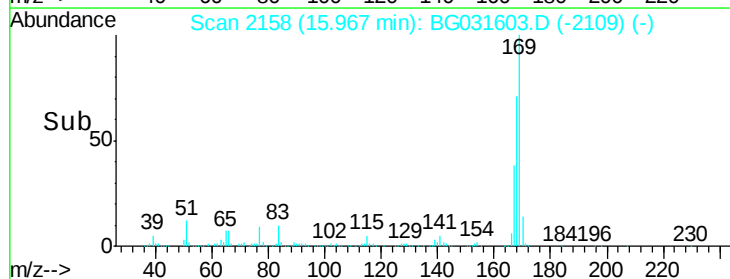
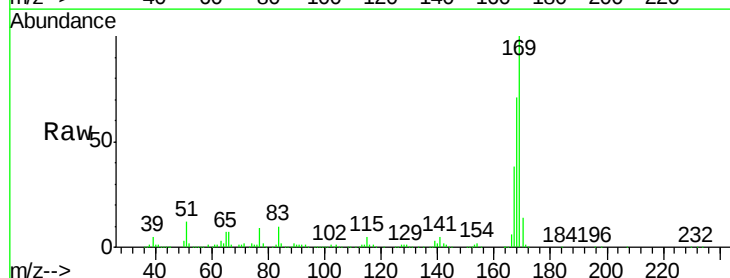
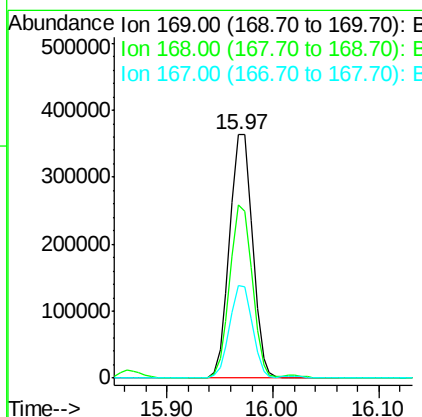
Manual Integrations
 APPROVED

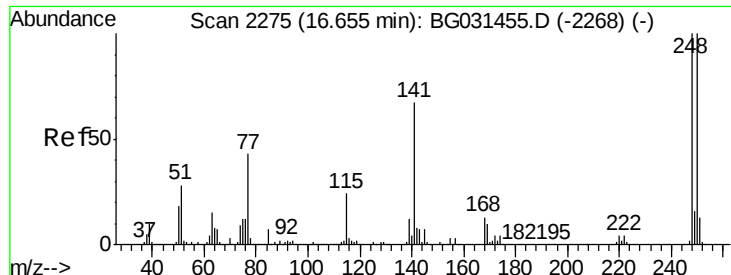
Sohil
 12/18/2017 5:07:52 PM



#65
 n-Nitrosodiphenylamine
 Concen: 33.659 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	38.3	30.1	45.1





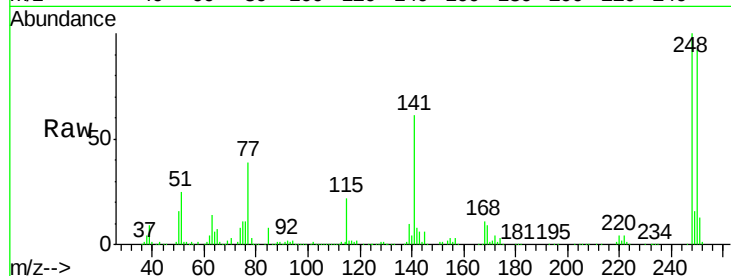
#66
 4-Bromophenyl-phenylether
 Concen: 35.496 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

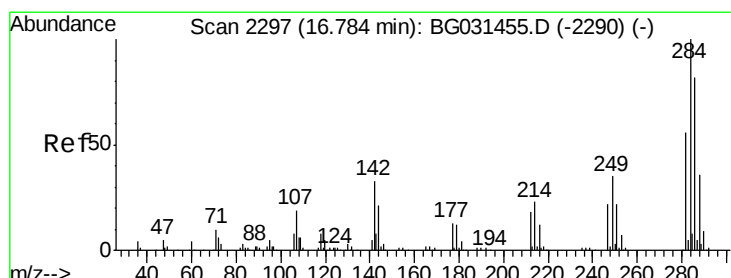
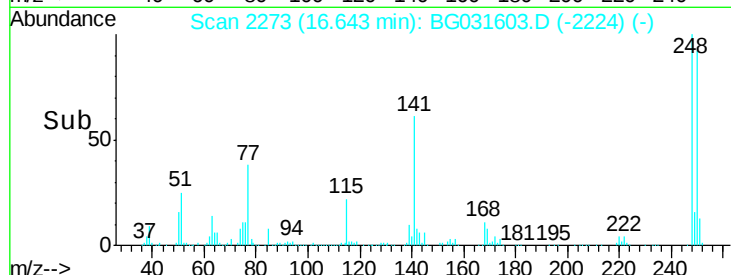
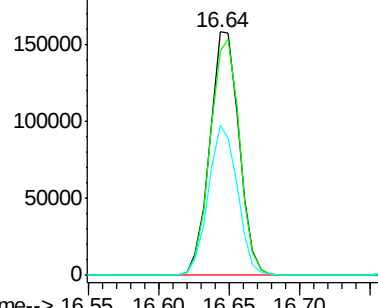
Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.0	77.1	115.7
141	61.5	50.8	76.2

Manual Integrations
 APPROVED

Sohil
 12/18/2017 5:07:52 PM

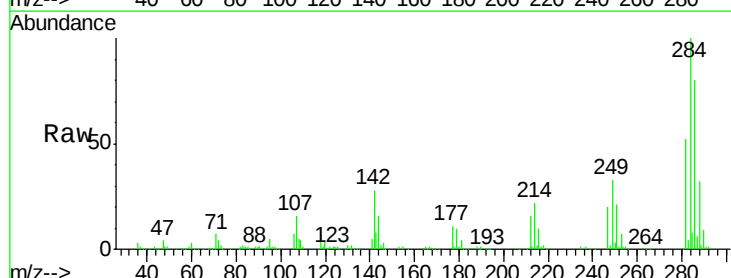


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

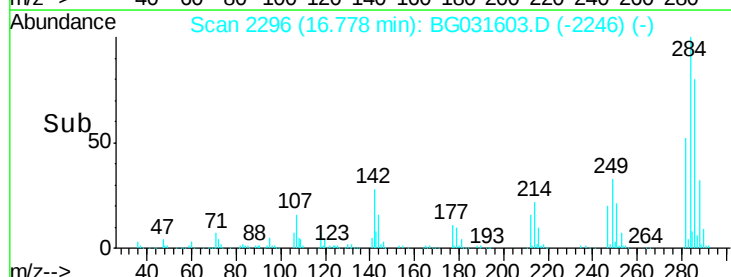
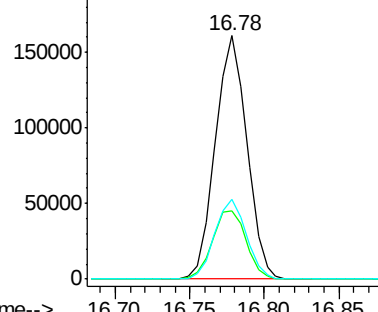


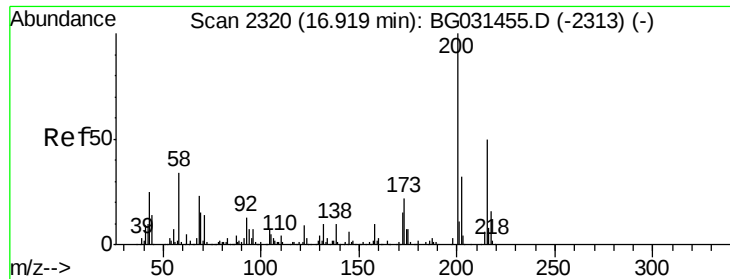
#67
 Hexachlorobenzene
 Concen: 35.267 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	26.8	40.2
249	33.0	26.3	39.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





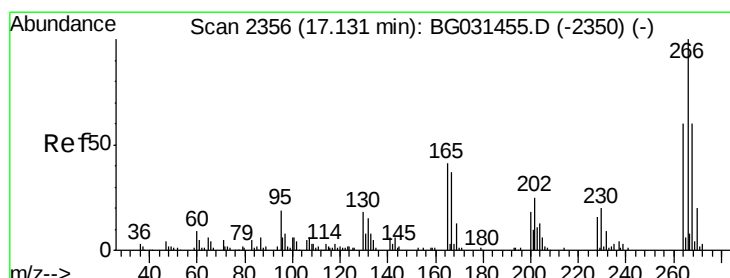
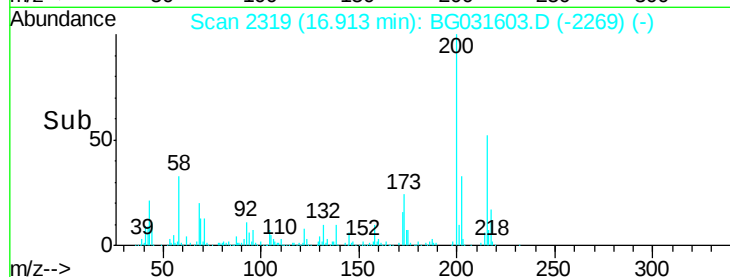
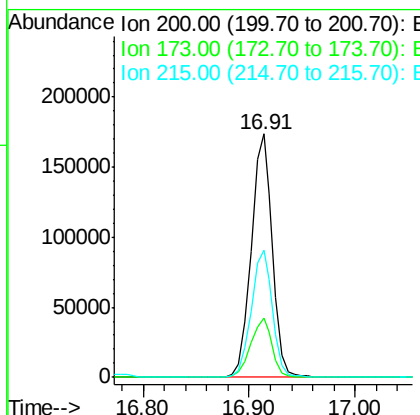
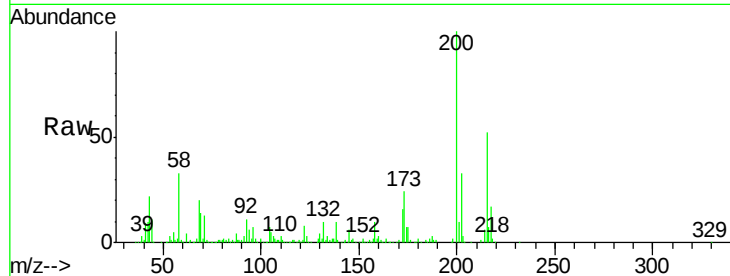
#68
Atrazine
Concen: 40.561 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.2	5.2	45.2
215	52.3	30.4	70.4

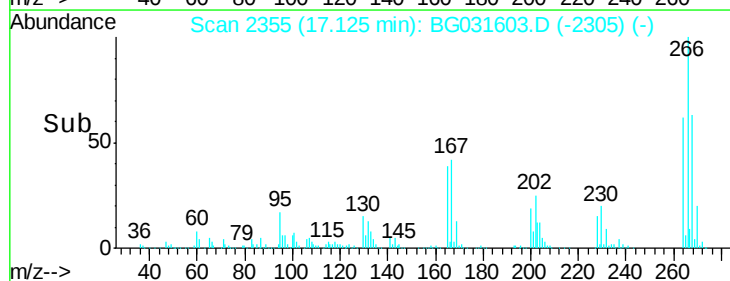
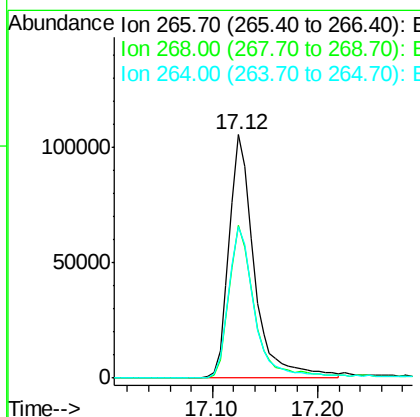
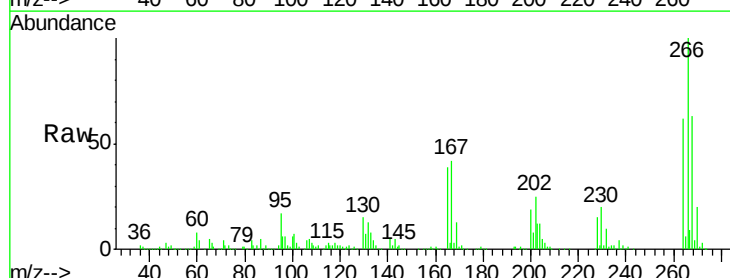
Manual Integrations
APPROVED

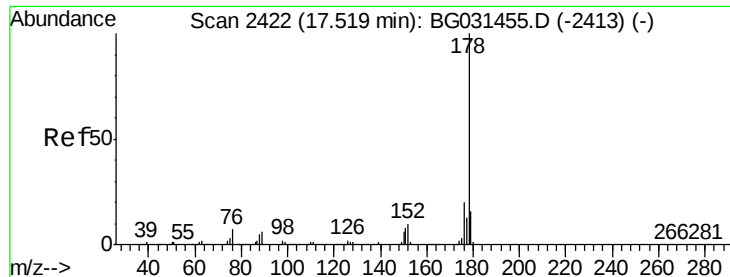
Sohil
12/18/2017 5:07:52 PM



#69
Pentachlorophenol
Concen: 56.331 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.1	76.7
264	62.1	49.6	74.4





#70

Phenanthrene

Concen: 34.489 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:178 Resp: 1001440

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

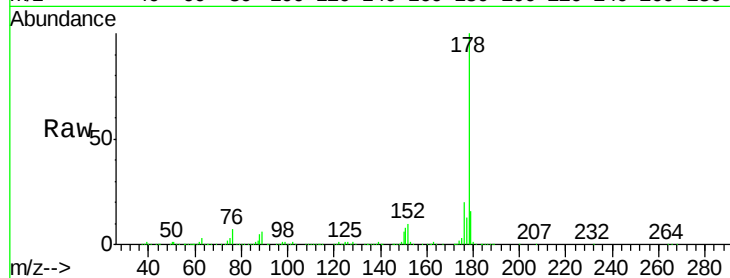
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Sohil

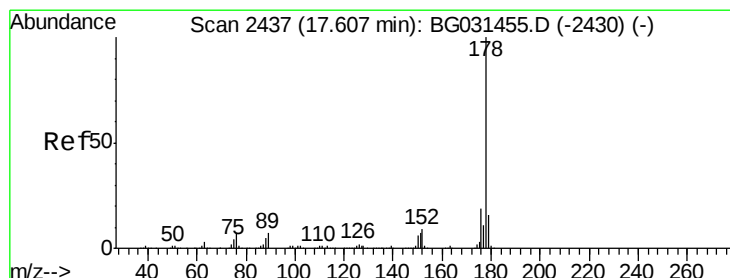
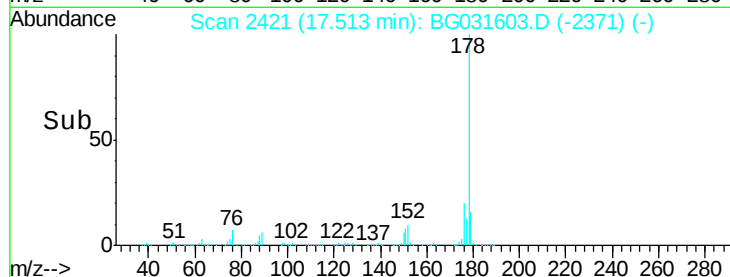
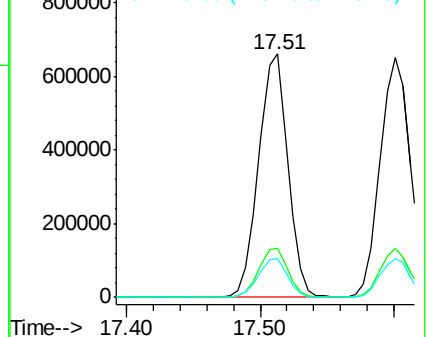
12/18/2017 5:07:52 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.628 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

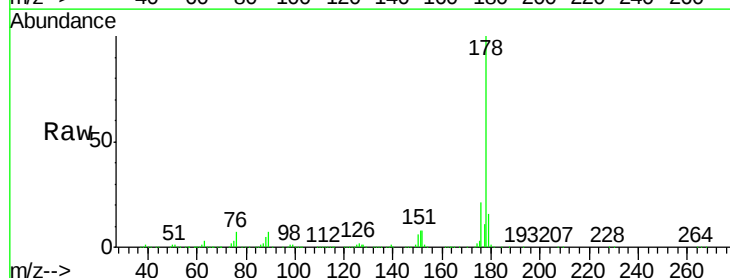
Tgt Ion:178 Resp: 1023145

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

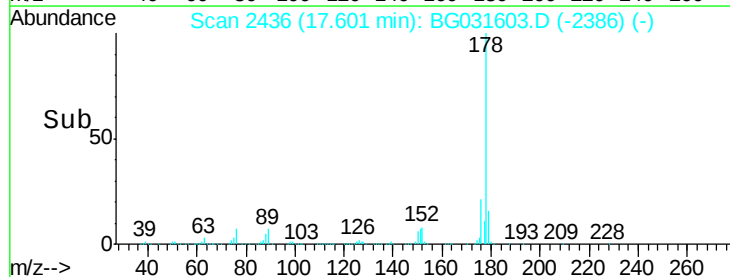
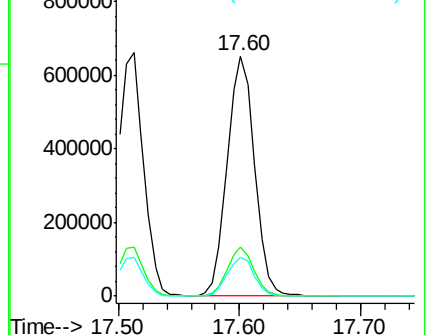
179 16.3 12.5 18.7

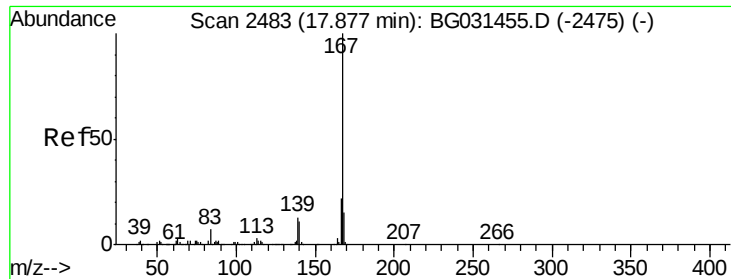


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.874 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

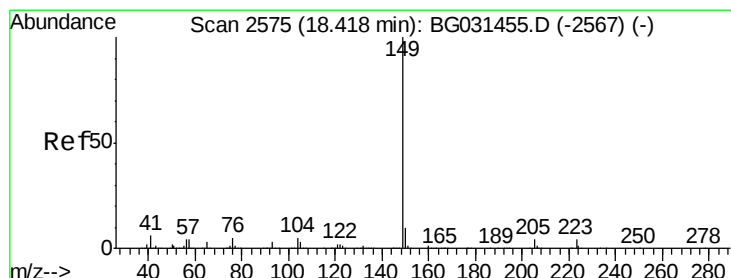
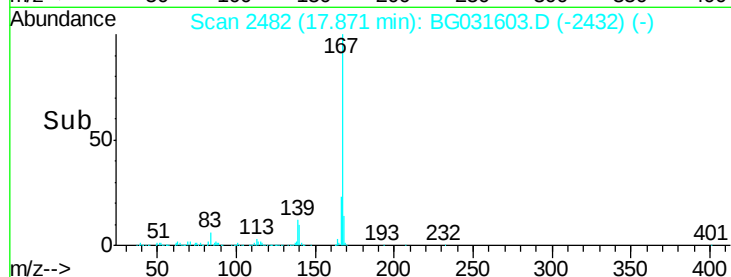
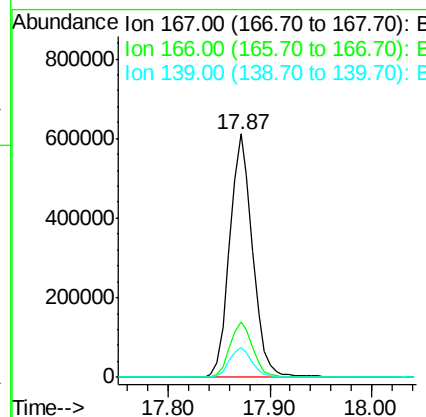
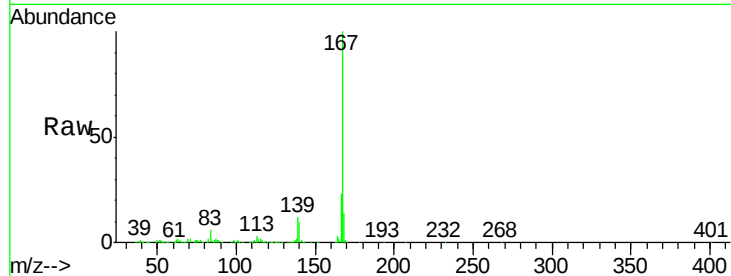
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	167	Resp:	958284
Ion Ratio		Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.1	9.4	14.2

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#73

Di-n-butylphthalate

Concen: 36.114 ng

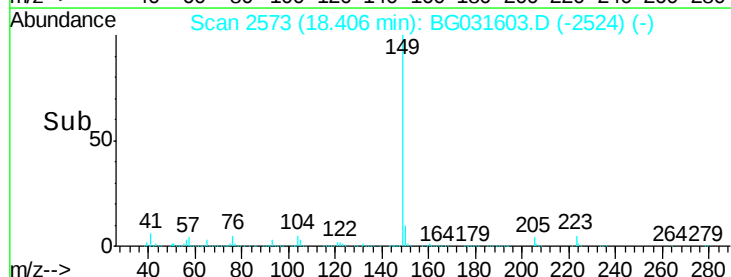
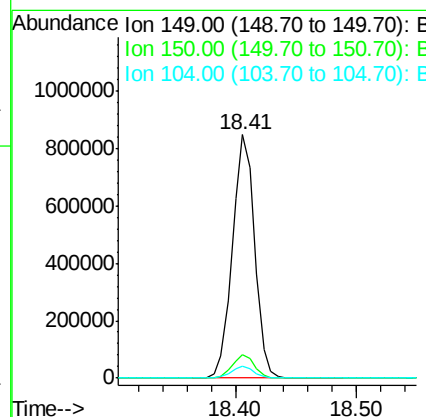
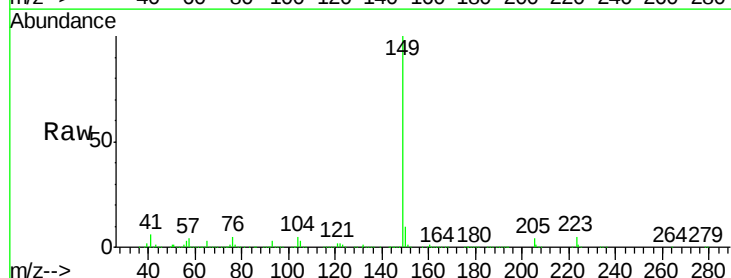
RT: 18.41 min Scan# 2573

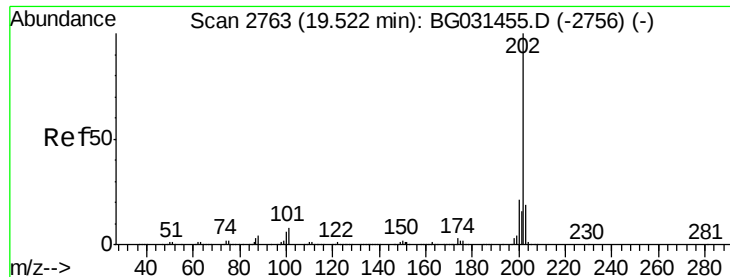
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	149	Resp:	1083833
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	3.9	5.9





#74

Fluoranthene

Concen: 35.914 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

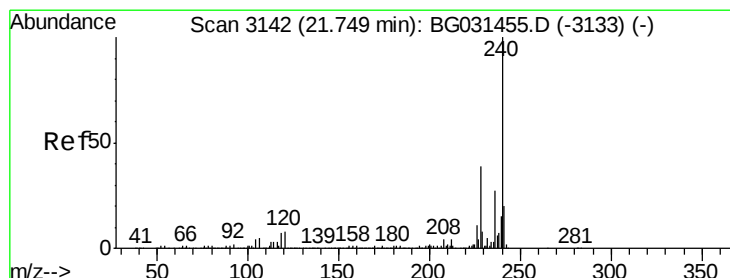
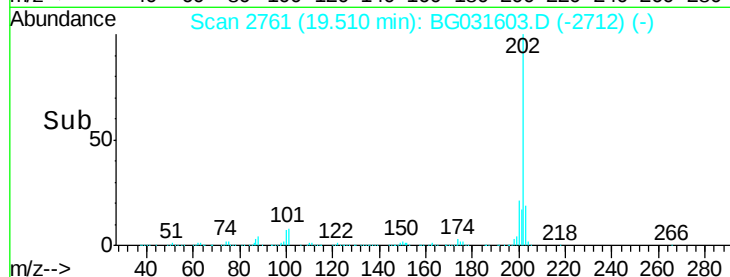
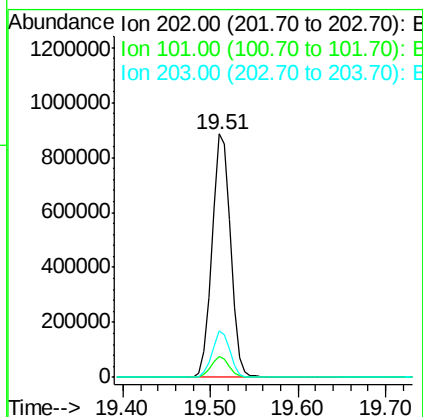
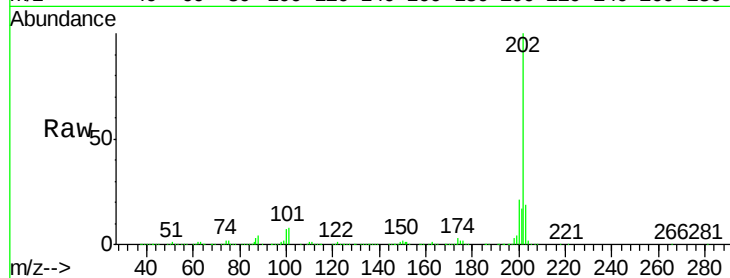
ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:	202	Resp:	1305051
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.9
203	19.1	0.0	37.5

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#75

Chrysene-d12

Concen: 20.000 ng

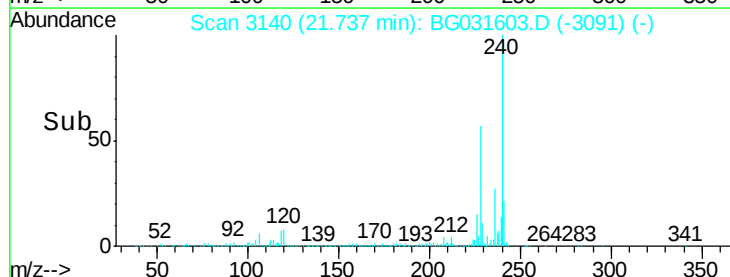
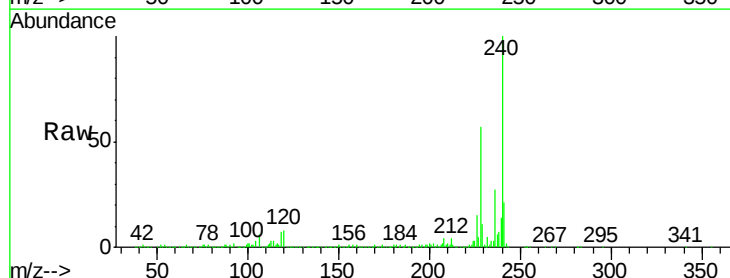
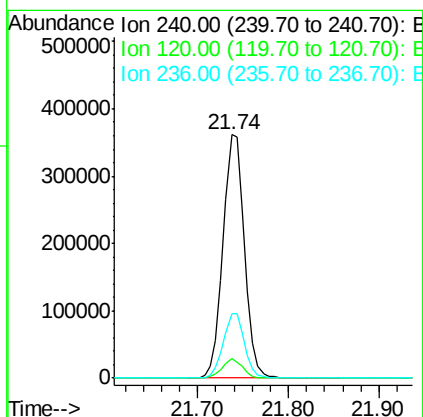
RT: 21.74 min Scan# 3140

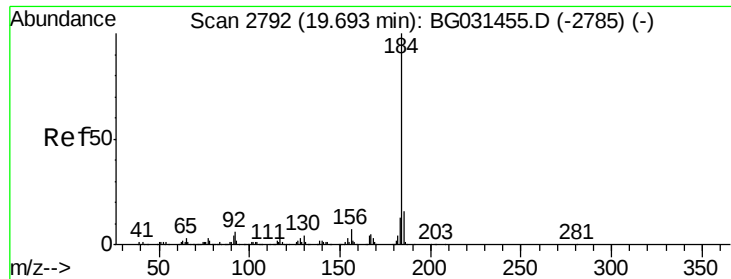
Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Tgt Ion:	240	Resp:	590305
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.8	10.2
236	26.6	20.9	31.3





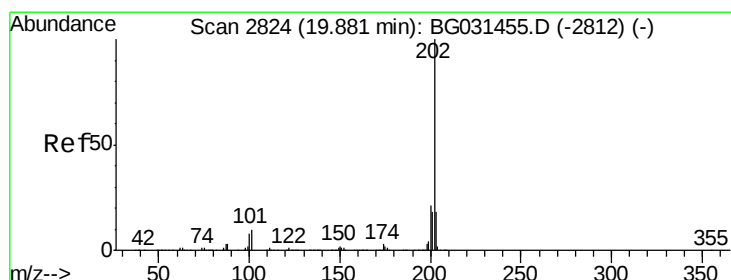
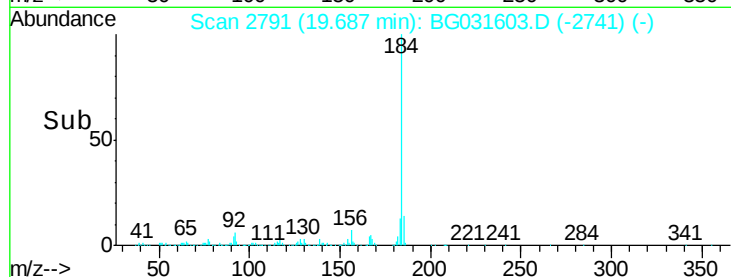
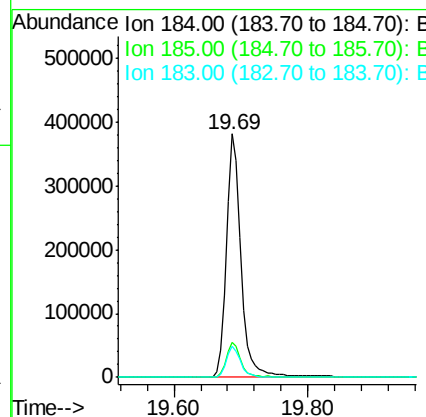
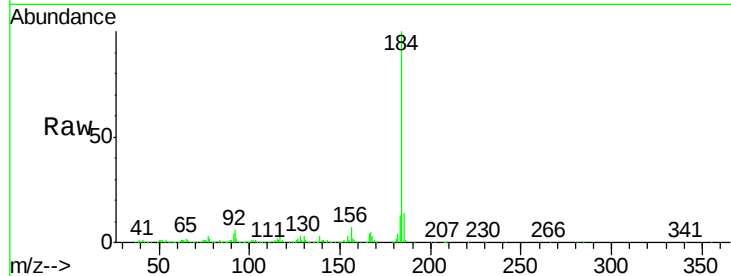
#76
Benzidine
Concen: 43.165 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	592979		
185	14.5		11.1	16.7
183	12.6		10.6	16.0

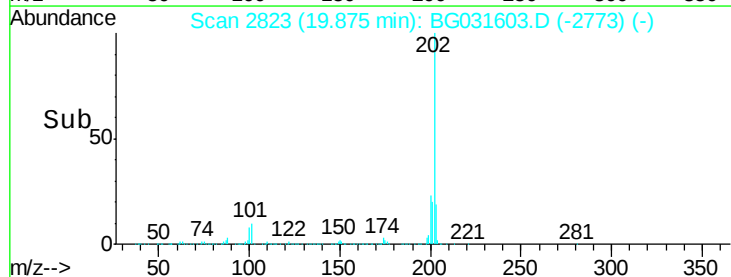
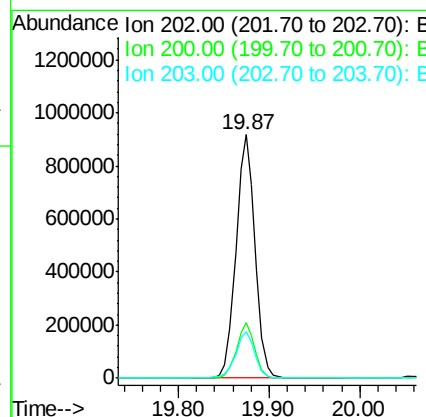
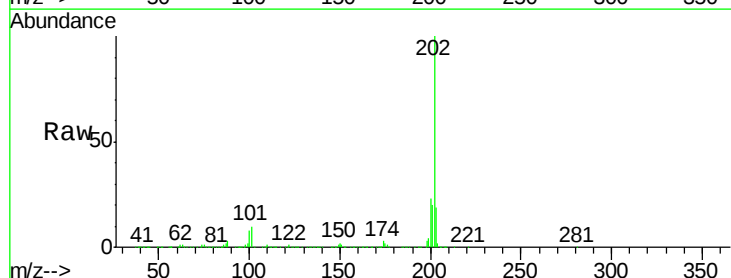
Manual Integrations
APPROVED

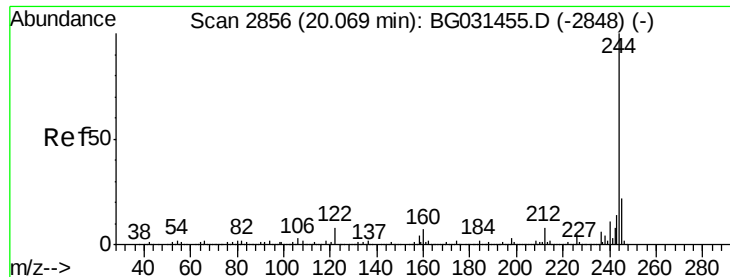
Sohil
12/18/2017 5:07:52 PM



#77
Pyrene
Concen: 36.430 ng
RT: 19.87 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1336219		
200	22.8		16.9	25.3
203	19.3		13.9	20.9





#78

Terphenyl-d14

Concen: 70.819 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

Instrument :

BNA_G

ClientSampleId :

EPE-125-4(0-5)MS

Tgt Ion:244 Resp: 1837444

Ion Ratio Lower Upper

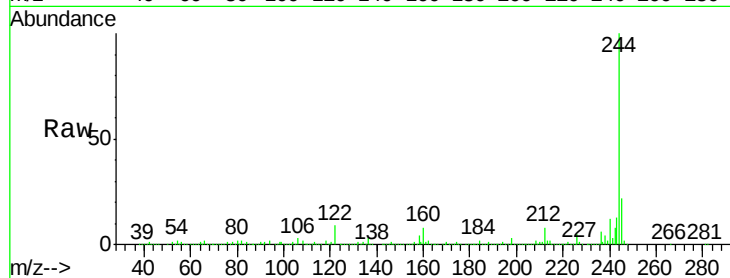
244 100

212 8.2 5.8 8.8

122 8.9 7.0 10.4

Manual Integrations
APPROVED

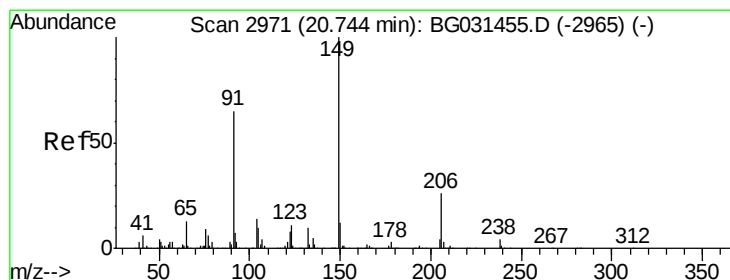
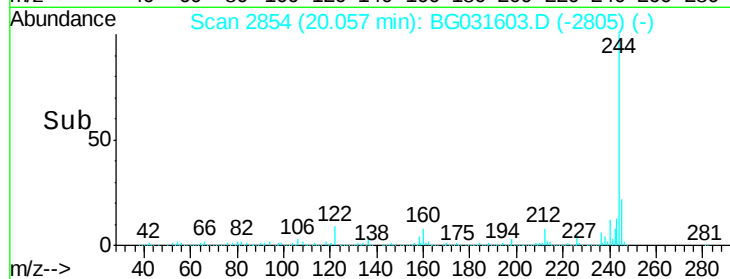
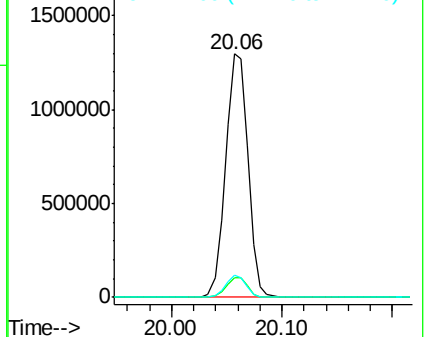
Sohil
12/18/2017 5:07:52 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.684 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG031603.D

Acq: 16 Dec 2017 00:36

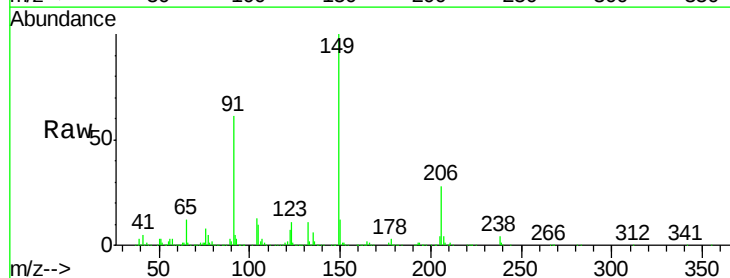
Tgt Ion:149 Resp: 497760

Ion Ratio Lower Upper

149 100

91 60.7 62.2 93.2#

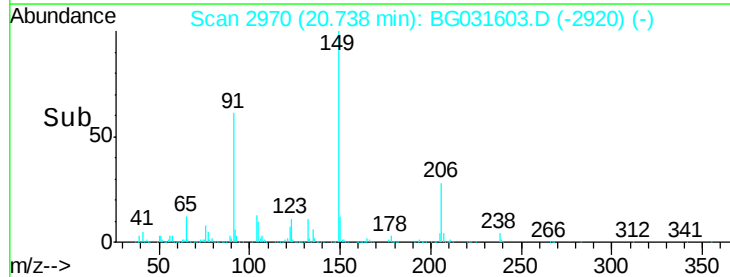
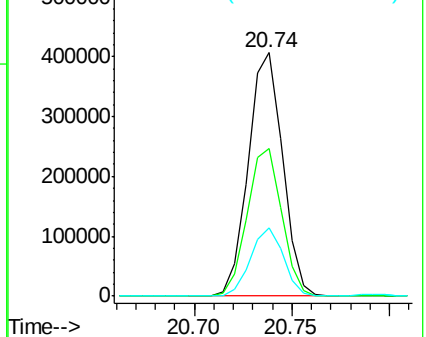
206 27.9 18.6 27.8#

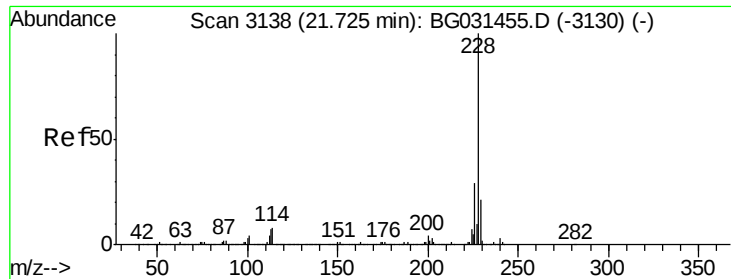


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





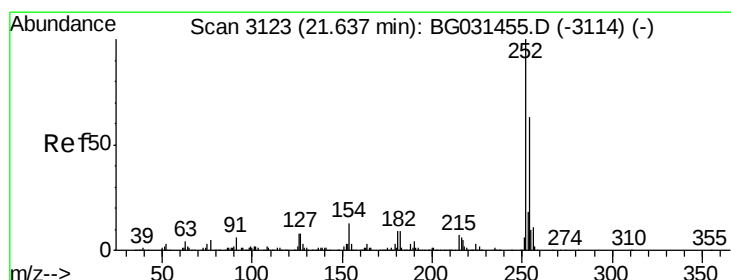
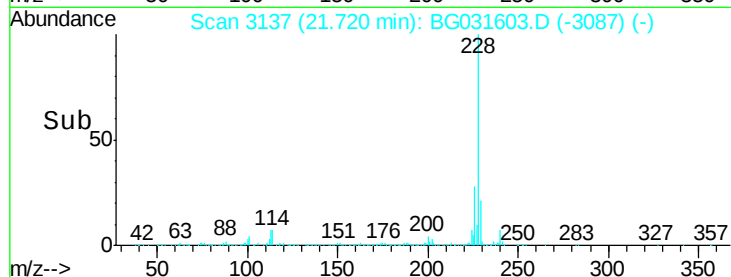
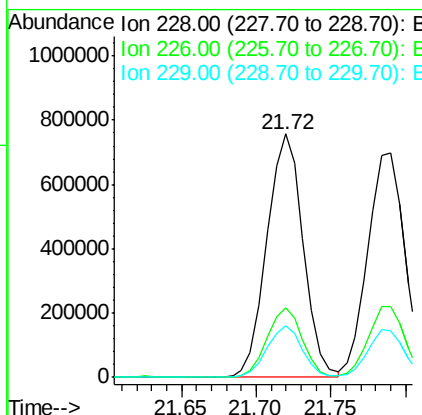
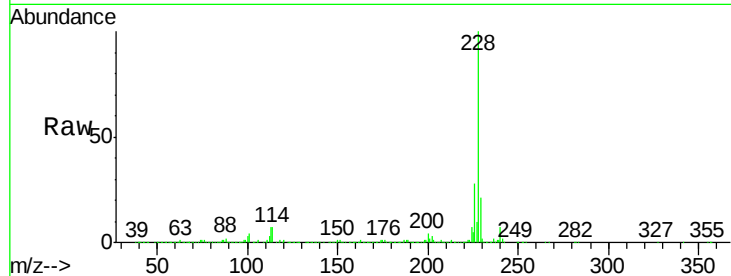
#80
Benzo(a)anthracene
Concen: 35.913 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.3	16.2	24.2

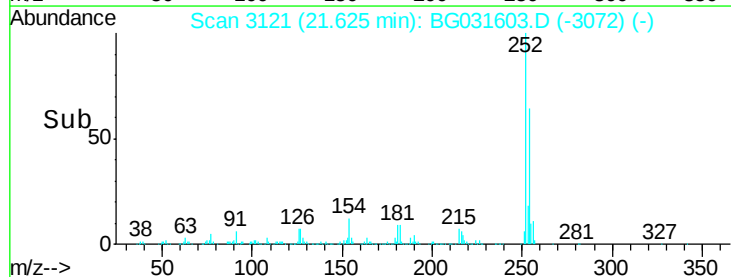
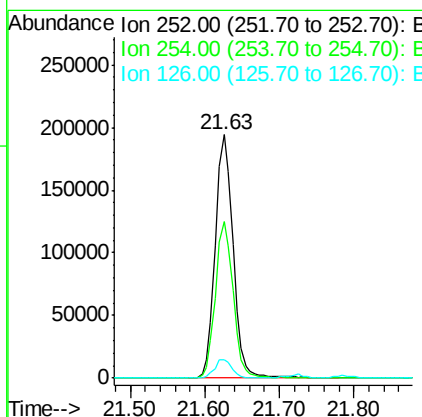
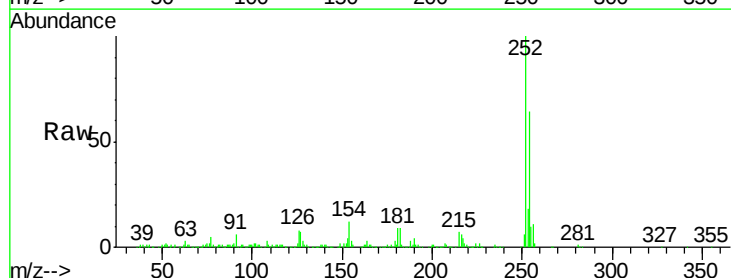
Manual Integrations
APPROVED

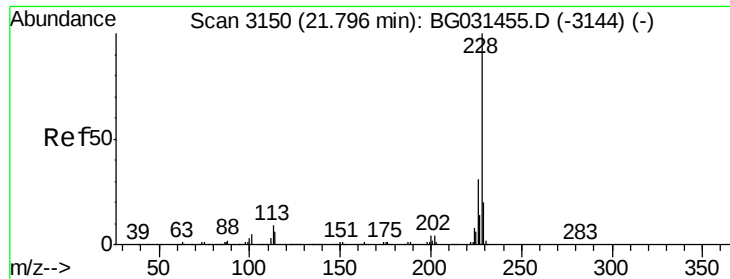
Sohil
12/18/2017 5:07:52 PM



#81
3,3'-Dichlorobenzidine
Concen: 26.135 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	7.5	7.4	11.2





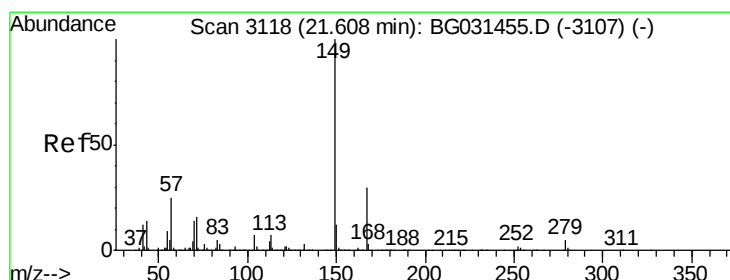
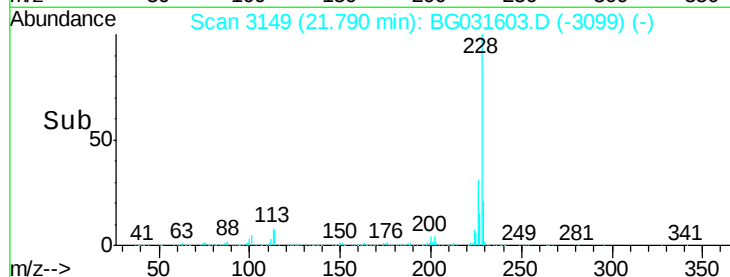
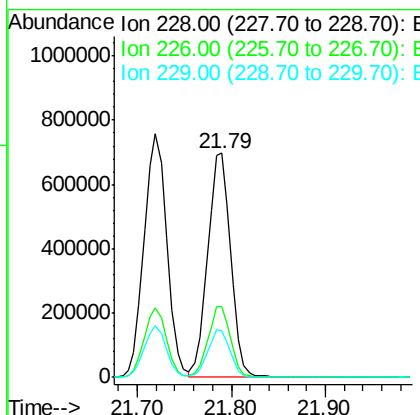
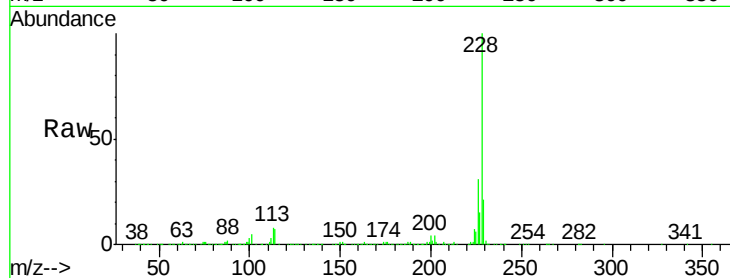
#82
 Chrysene
 Concen: 35.085 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-4(0-5)MS

Tgt Ion: 228 Resp: 1198418
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.7 15.0 22.4

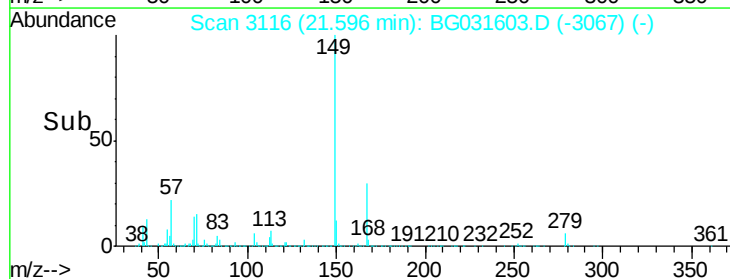
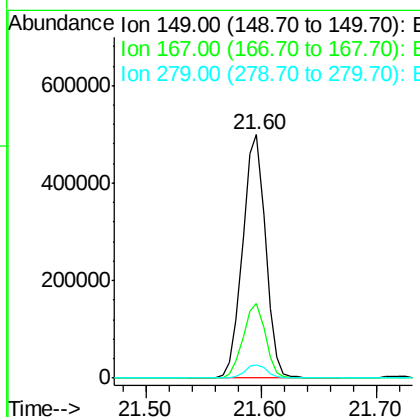
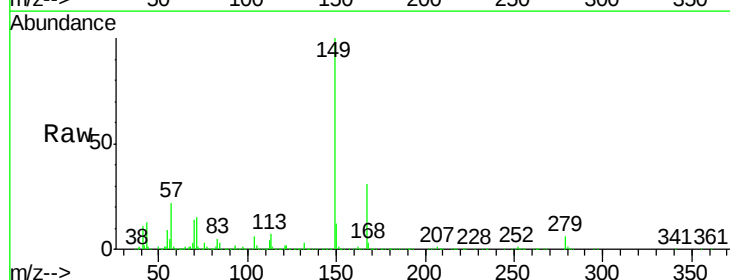
Manual Integrations
 APPROVED

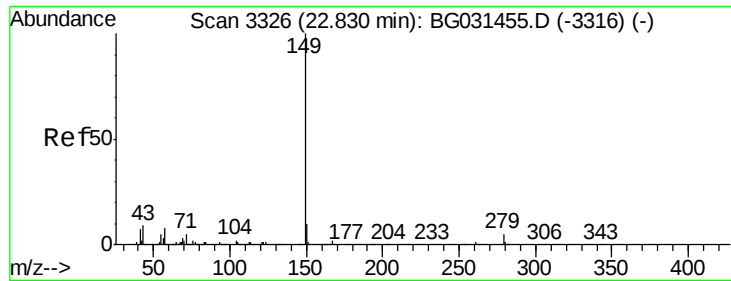
Sohil
 12/18/2017 5:07:52 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.947 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031603.D
 Acq: 16 Dec 2017 00:36

Tgt Ion: 149 Resp: 683980
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.3 36.5
 279 5.6 4.0 6.0





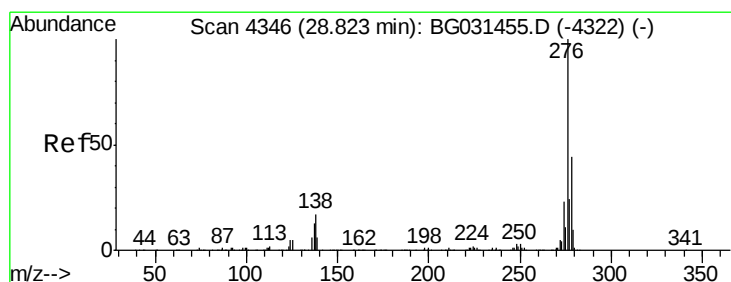
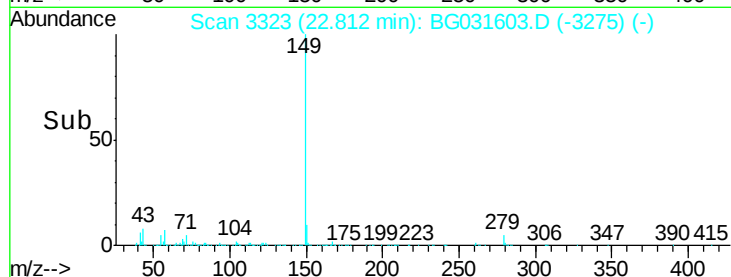
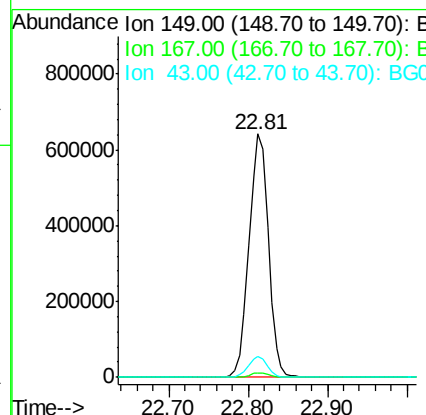
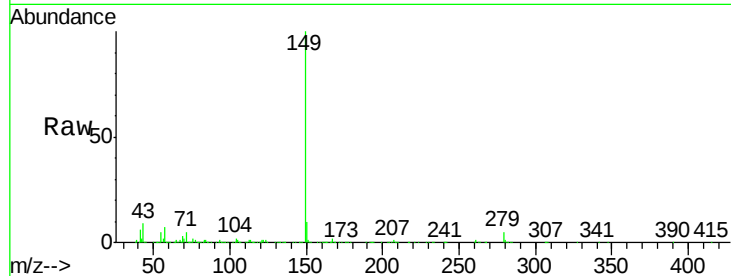
#84
Di-n-octyl phthalate
Concen: 35.672 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.02 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.0	8.9	13.3#

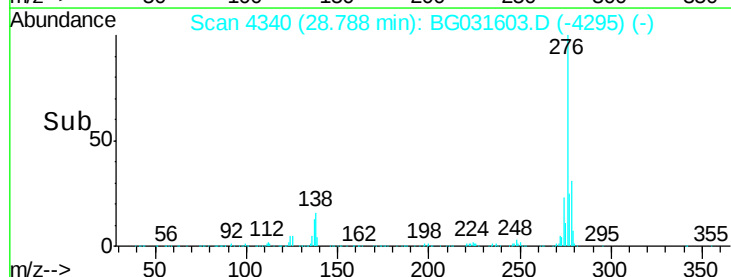
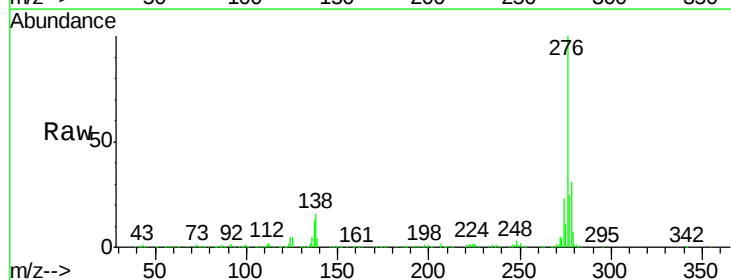
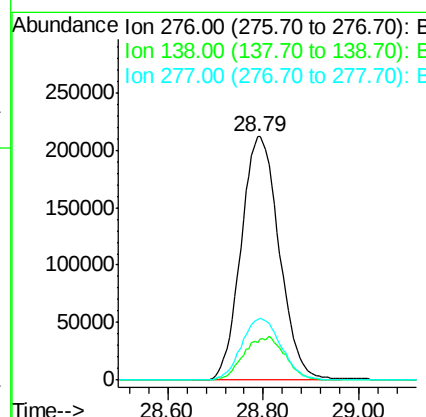
Manual Integrations
APPROVED

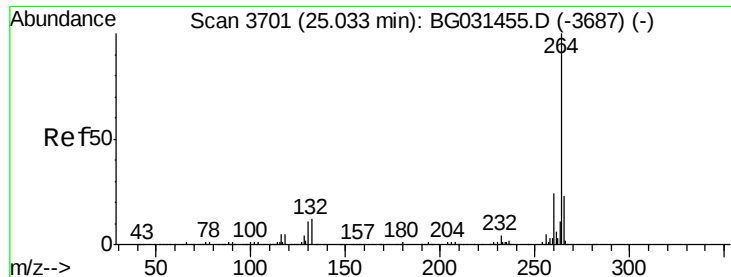
Sohil
12/18/2017 5:07:52 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 32.081 ng
RT: 28.79 min Scan# 4340
Delta R.T. -0.04 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.2	20.0	30.0





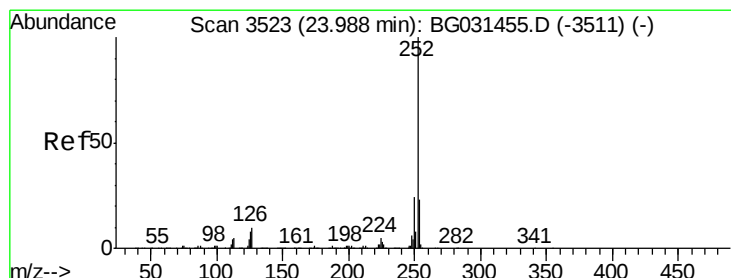
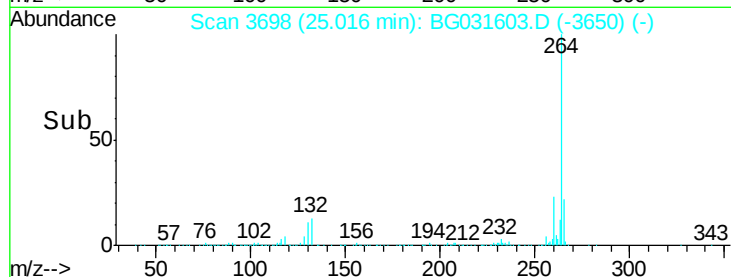
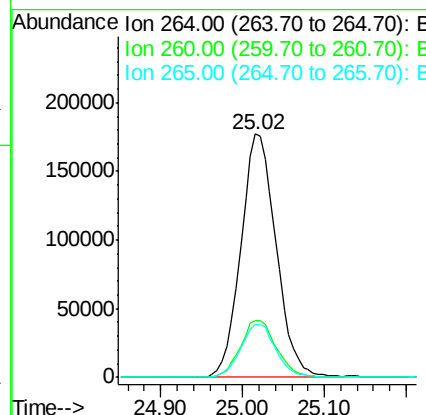
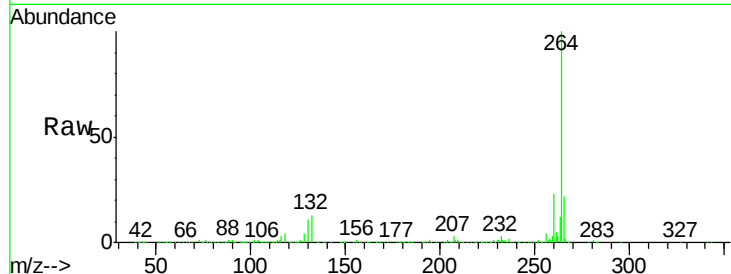
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.8	17.7	26.5

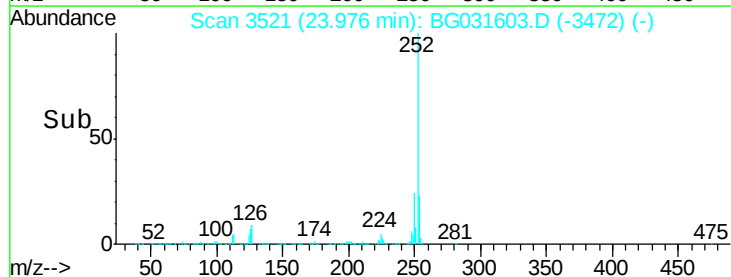
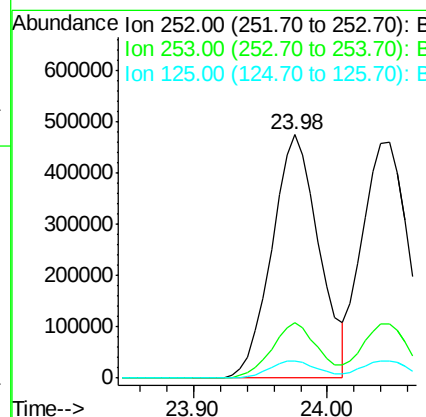
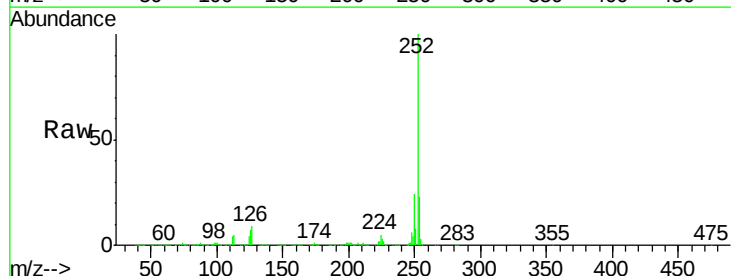
Manual Integrations
APPROVED

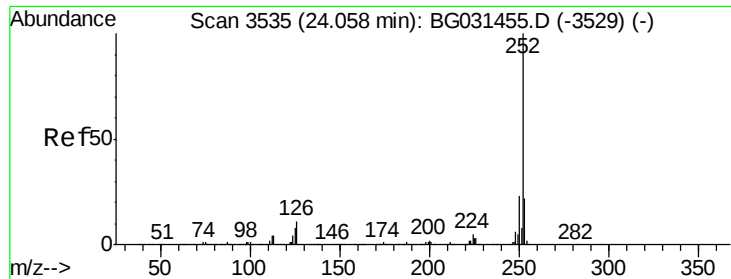
Sohil
12/18/2017 5:07:52 PM



#87
Benzo(b)fluoranthene
Concen: 36.635 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	7.2	7.2	10.8





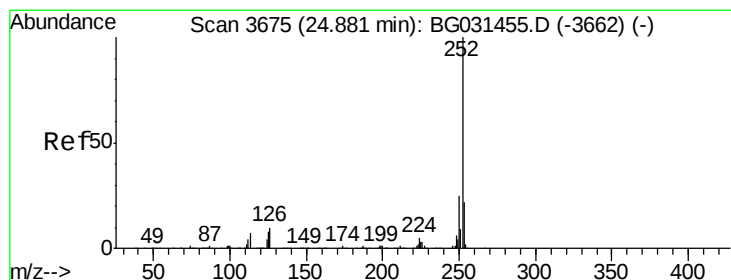
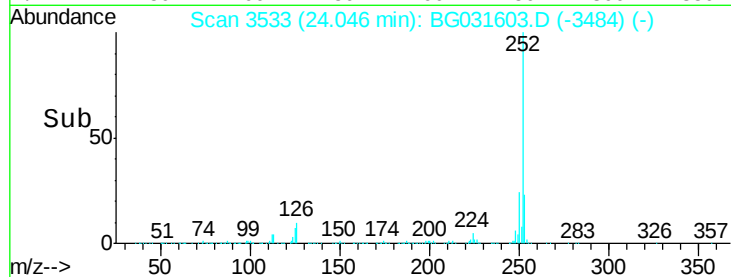
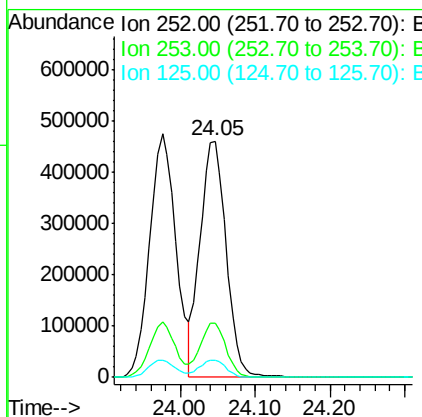
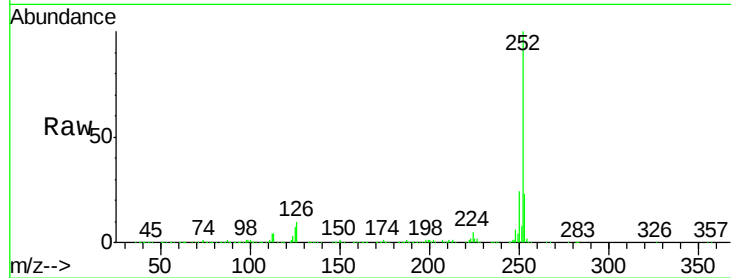
#88
Benzo(k)fluoranthene
Concen: 34.570 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion:252 Resp: 1119419
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 7.2 6.6 9.8

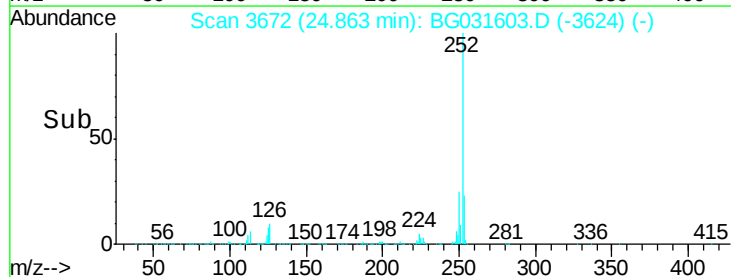
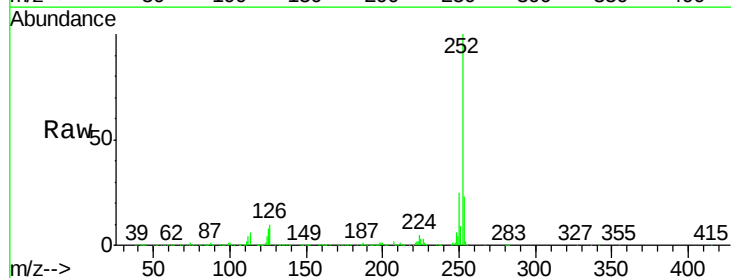
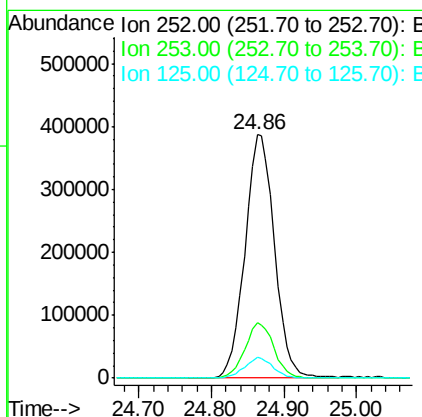
Manual Integrations
APPROVED

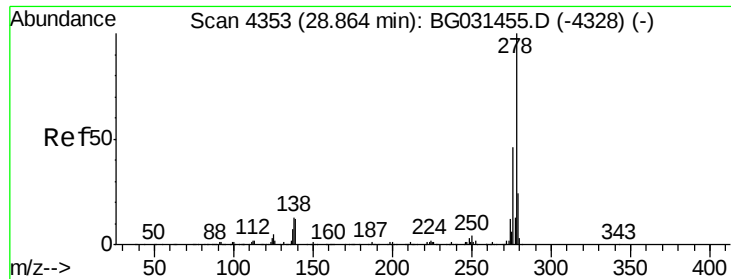
Sohil
12/18/2017 5:07:52 PM



#89
Benzo(a)pyrene
Concen: 36.120 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion:252 Resp: 1087242
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 8.3 7.3 10.9





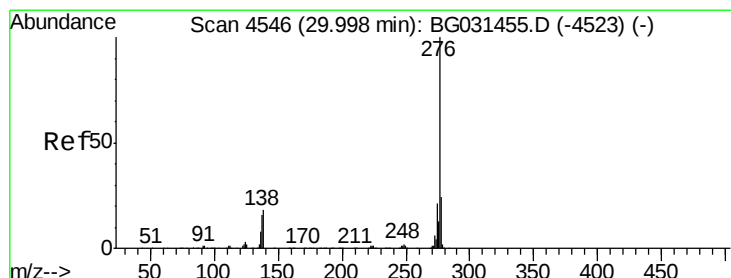
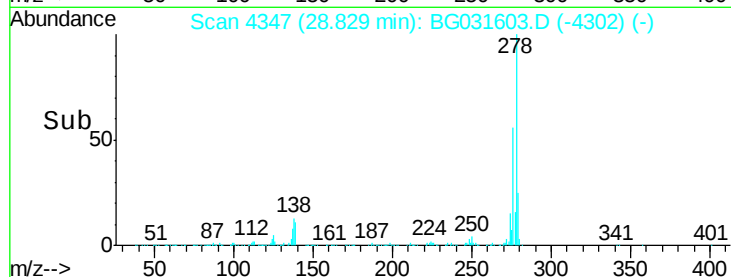
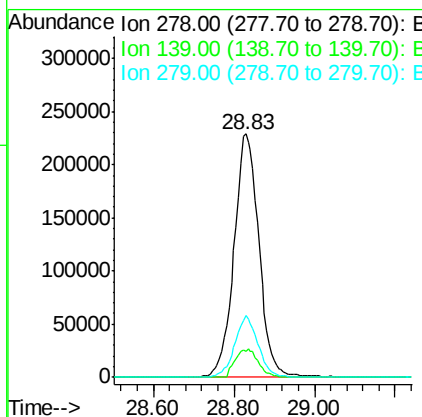
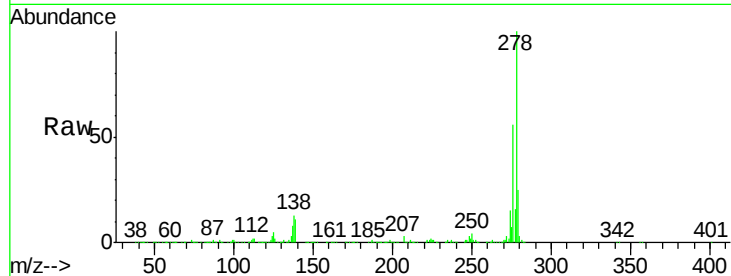
#90
Dibenzo(a,h)anthracene
Concen: 34.247 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.04 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.8	14.6
279	25.4	18.4	27.6

Manual Integrations
APPROVED

Sohil
12/18/2017 5:07:52 PM



#91
Benzo(g,h,i)perylene
Concen: 34.353 ng
RT: 29.97 min Scan# 4541
Delta R.T. -0.03 min
Lab File: BG031603.D
Acq: 16 Dec 2017 00:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	14.9	13.9	20.9

