

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032510.D
 Acq On : 2 Feb 2018 13:52
 Operator : SJ/JU
 Sample : J1430-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:15:03 AM

Quant Time: Feb 05 10:02:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26790	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	107998	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	76789	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	201767	20.00	ng	0.00
75) Chrysene-d12	22.41	240	254881	20.00	ng	0.00
86) Perylene-d12	26.09	264	278600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	150331	112.71	ng	0.00
7) Phenol-d6	7.83	99	191065	107.35	ng	0.00
23) Nitrobenzene-d5	9.91	82	124378	71.93	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	161093	110.21	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	416367	64.45	ng	-0.01
78) Terphenyl-d14	20.62	244	818986	68.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	13931	31.043	ng	# 78
3) Pyridine	4.26	79	38185	31.513	ng	90
4) n-Nitrosodimethylamine	4.17	42	24235	38.421	ng	# 62
6) Aniline	8.01	93	52555	23.683	ng	89
8) 2-Chlorophenol	8.27	128	62901	39.896	ng	# 80
9) Benzaldehyde	7.81	77	18125	19.717	ng	94
10) Phenol	7.86	94	73675	43.589	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	44097	34.241	ng	86
12) 1,3-Dichlorobenzene	8.60	146	74080	34.744	ng	93
13) 1,4-Dichlorobenzene	8.75	146	74359	34.795	ng	91
14) 1,2-Dichlorobenzene	9.08	146	73497	35.108	ng	99
15) Benzyl Alcohol	8.95	79	49971	34.066	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.24	45	41048	33.636	ng	62
17) 2-Methylphenol	9.15	107	47776	34.803	ng	# 89
18) Hexachloroethane	9.83	117	24839	34.619	ng	# 70
19) n-Nitroso-di-n-propylamine	9.52	70	37206	31.528	ng	# 94
20) 3+4-Methylphenols	9.49	107	65625	34.081	ng	94
22) Acetophenone	9.55	105	89923	35.520	ng	# 96
24) Nitrobenzene	9.95	77	61025	36.499	ng	# 88
25) Isophorone	10.48	82	105937	35.982	ng	# 82
26) 2-Nitrophenol	10.68	139	39295	38.879	ng	# 77
27) 2,4-Dimethylphenol	10.72	122	57990	39.975	ng	92
28) bis(2-Chloroethoxy)methane	10.96	93	60517	37.485	ng	# 96
29) 2,4-Dichlorophenol	11.23	162	76003	39.549	ng	90
30) 1,2,4-Trichlorobenzene	11.44	180	88566	34.578	ng	99
31) Naphthalene	11.64	128	189066	35.844	ng	99
32) Benzoic acid	10.80	122	15336m	19.304	ng	
33) 4-Chloroaniline	11.74	127	58597	24.907	ng	# 91
34) Hexachlorobutadiene	11.91	225	68196	34.221	ng	97
35) Caprolactam	12.49	113	21135	38.310	ng	# 37
36) 4-Chloro-3-methylphenol	12.82	107	71741	39.356	ng	# 92
37) 2-Methylnaphthalene	13.21	142	157146	35.462	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	124313	34.604	ng	97
40) Hexachlorocyclopentadiene	13.54	237	160594	71.548	ng	92

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032510.D
 Acq On : 2 Feb 2018 13:52
 Operator : SJ/JU
 Sample : J1430-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

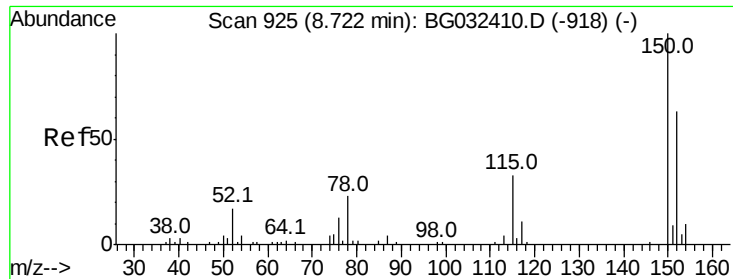
Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:15:03 AM

Quant Time: Feb 05 10:02:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	71635	36.660	nq	97
43) 2,4,5-Trichlorophenol	13.87	196	83184	36.518	nq #	90
45) 1,1'-Biphenyl	14.18	154	229184	35.327	nq	95
46) 2-Chloronaphthalene	14.24	162	177144	34.838	nq	96
47) 2-Nitroaniline	14.43	65	41545	36.947	nq #	76
48) Acenaphthylene	15.08	152	261905	34.071	nq	98
49) Dimethylphthalate	14.78	163	279668	39.499	nq	99
50) 2,6-Dinitrotoluene	14.91	165	52080	35.045	nq #	76
51) Acenaphthene	15.41	154	203180	38.112	nq	97
52) 3-Nitroaniline	15.25	138	36201	27.889	nq #	78
53) 2,4-Dinitrophenol	15.45	184	54003	59.334	nq #	62
54) Dibenzofuran	15.74	168	282152	35.758	nq	96
55) 4-Nitrophenol	15.54	139	75205	77.390	nq #	81
56) 2,4-Dinitrotoluene	15.69	165	80551	38.070	nq #	71
57) Fluorene	16.39	166	233938	35.679	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	90063	40.088	nq #	85
59) Diethylphthalate	16.12	149	235266	34.117	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	146230	35.367	nq	95
61) 4-Nitroaniline	16.40	138	46654	33.534	nq #	71
62) Azobenzene	16.66	77	152081	36.904	nq #	80
64) 4,6-Dinitro-2-methylphenol	16.44	198	47660	31.619	nq #	70
65) n-Nitrosodiphenylamine	16.57	169	216617	35.974	nq	98
66) 4-Bromophenyl-phenylether	17.26	248	108394	36.262	nq	96
67) Hexachlorobenzene	17.38	284	115447	34.900	nq #	92
68) Atrazine	17.50	200	103516	40.047	nq	95
69) Pentachlorophenol	17.72	266	137156	66.188	nq	98
70) Phenanthrene	18.13	178	406538	36.130	nq	99
71) Anthracene	18.21	178	413781	36.933	nq	98
72) Carbazole	18.48	167	358977	36.264	nq	98
73) Di-n-butylphthalate	18.98	149	404388	36.897	nq	99
74) Fluoranthene	20.09	202	537131	36.401	nq	95
76) Benzidine	20.25	184	203579	40.676	nq	99
77) Pyrene	20.45	202	546949	34.987	nq	98
79) Butylbenzylphthalate	21.30	149	185097	37.538	nq #	80
80) Benzo(a)anthracene	22.38	228	584690	37.003	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	154960	25.312	nq #	98
82) Chrysene	22.46	228	541219	35.467	nq	97
83) Bis(2-ethylhexyl)phthalate	22.23	149	260413	37.246	nq #	98
84) Di-n-octyl phthalate	23.59	149	453779	40.919	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	735654	38.108	nq #	83
87) Benzo(b)fluoranthene	24.90	252	617775	36.699	nq #	95
88) Benzo(k)fluoranthene	24.98	252	610963	36.638	nq #	96
89) Benzo(a)pyrene	25.91	252	604020	37.637	nq #	95
90) Dibenzo(a,h)anthracene	30.42	278	610726	37.201	nq #	93
91) Benzo(g,h,i)perylene	31.68	276	608580	37.347	nq #	92

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



#1

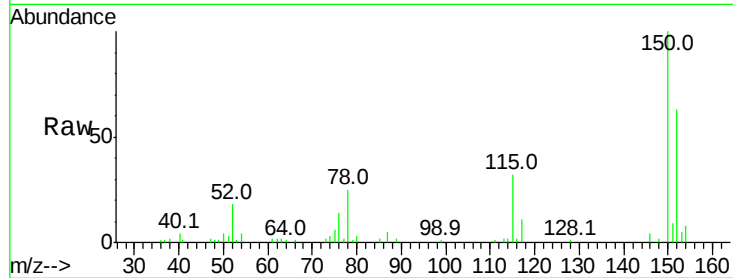
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

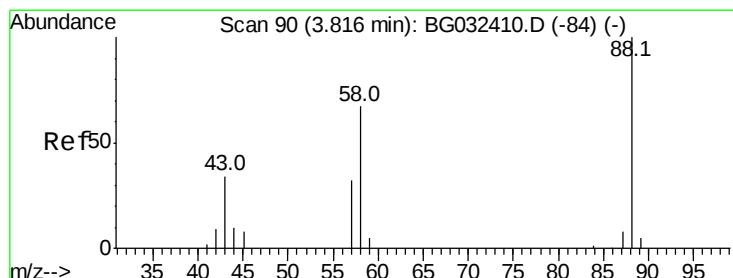
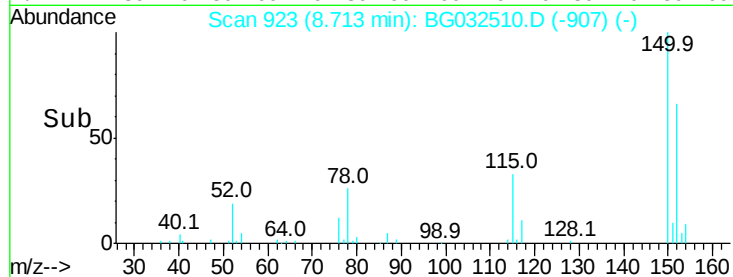
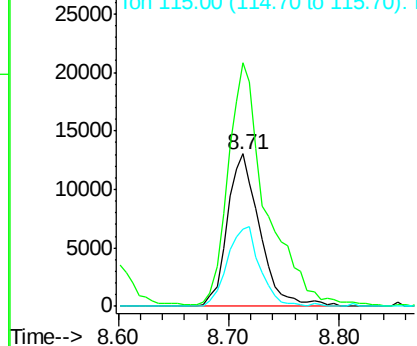
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	50.5	53.0	79.4

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



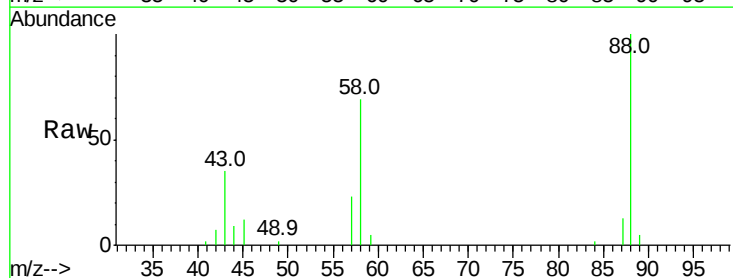
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



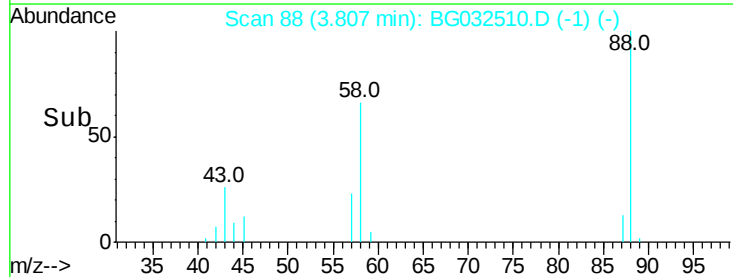
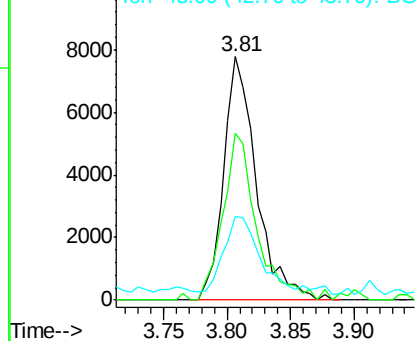
#2

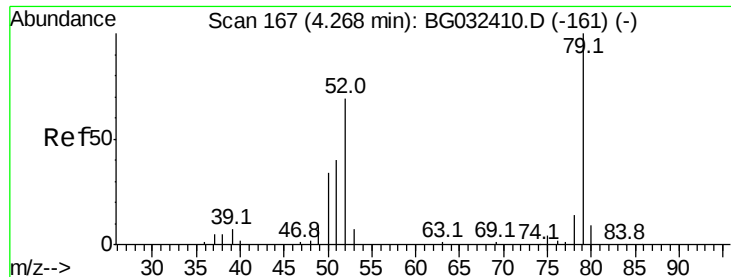
1,4-Dioxane
Concen: 31.043 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	79.6	119.4
43	33.6	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

Pvridine

Concen: 31.513 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

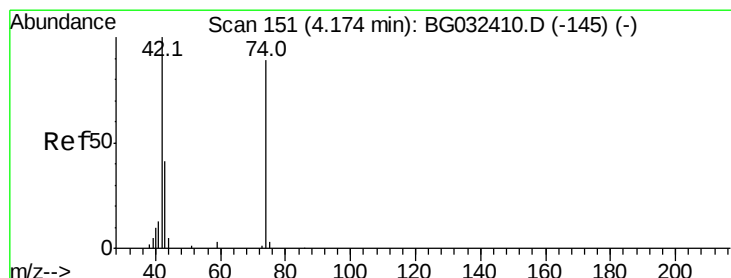
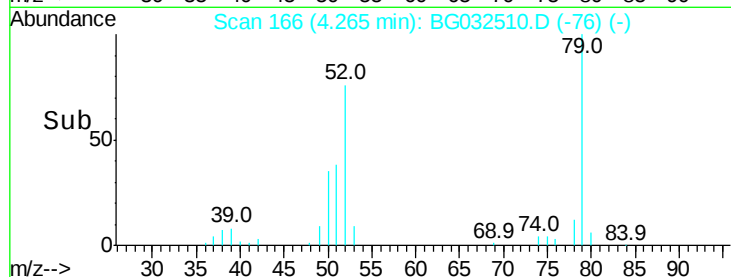
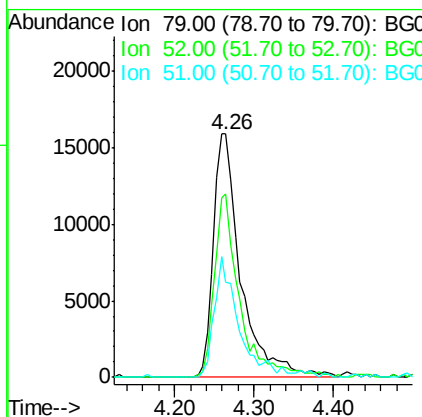
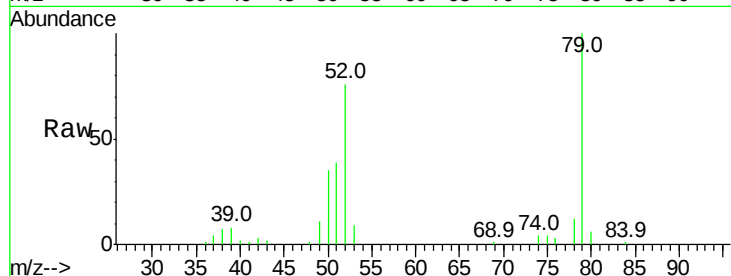
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	79	Resp:	38185
Ion	Ratio	Lower	Upper
79	100		
52	75.5	69.9	104.9
51	39.0	34.0	51.0

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#4

n-Nitrosodimethylamine

Concen: 38.421 ng

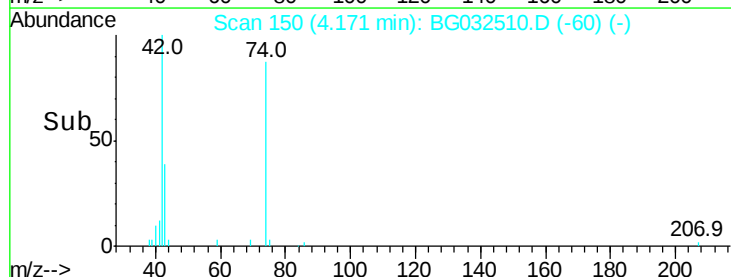
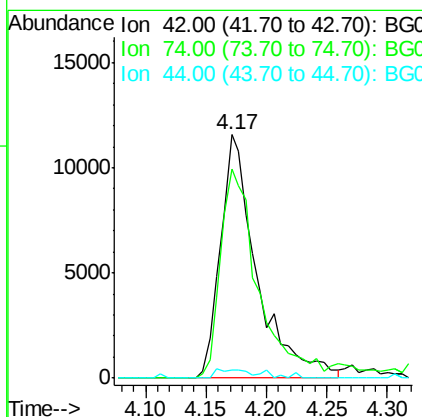
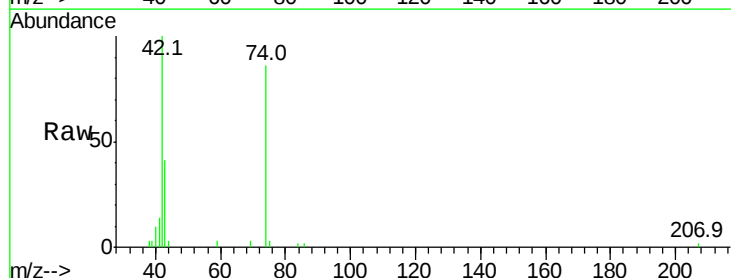
RT: 4.17 min Scan# 150

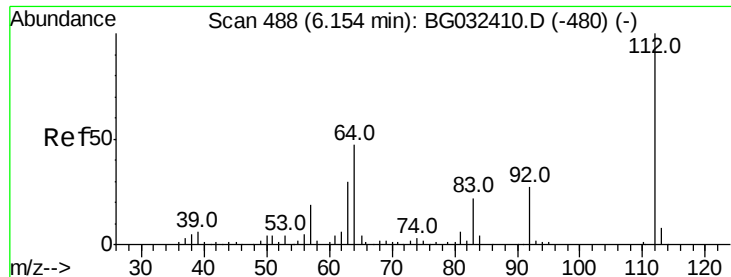
Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	42	Resp:	24235
Ion	Ratio	Lower	Upper
42	100		
74	85.6	102.5	153.7#
44	3.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 112.709 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

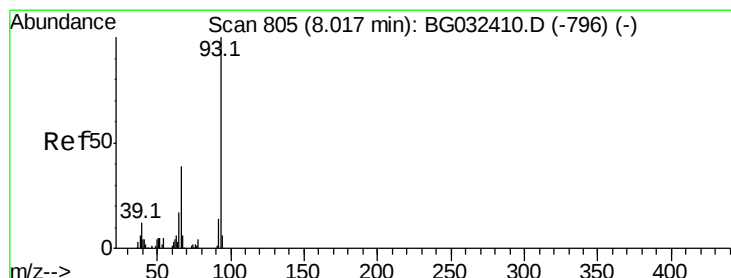
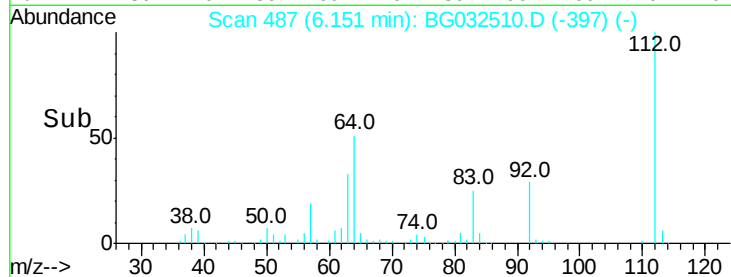
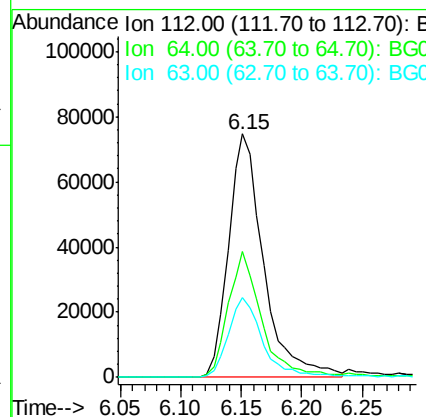
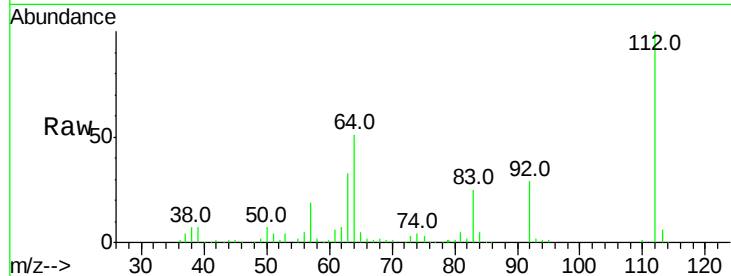
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	112	Resp:	150331
Ion Ratio	Lower	Upper	
112	100		
64	51.4	56.3	84.5#
63	32.7	30.1	45.1

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#6

Aniline

Concen: 23.683 ng

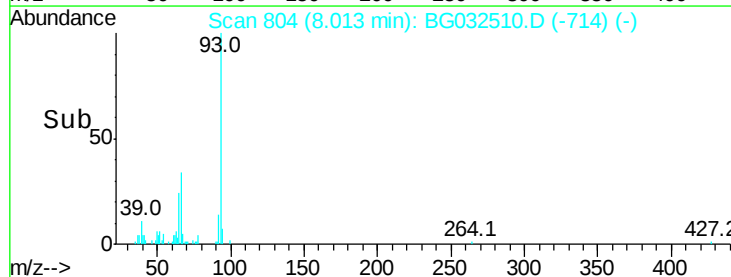
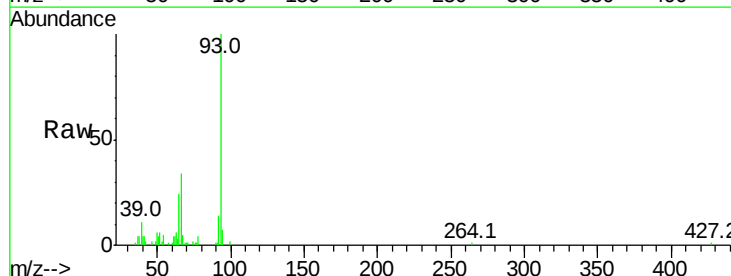
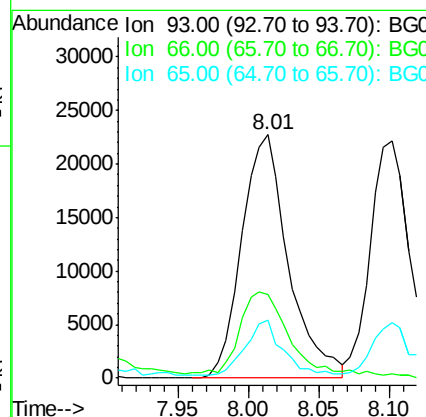
RT: 8.01 min Scan# 804

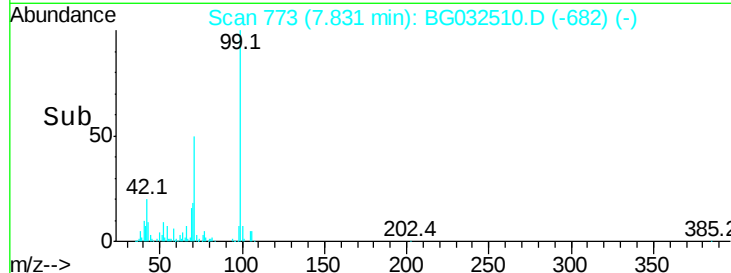
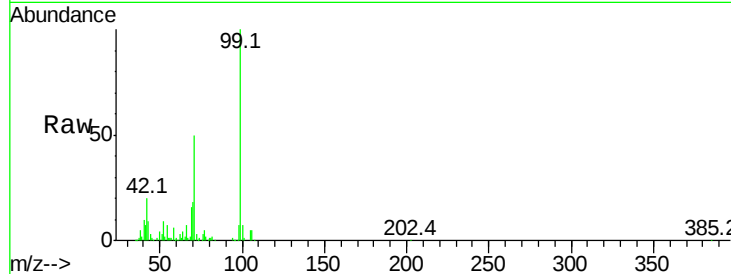
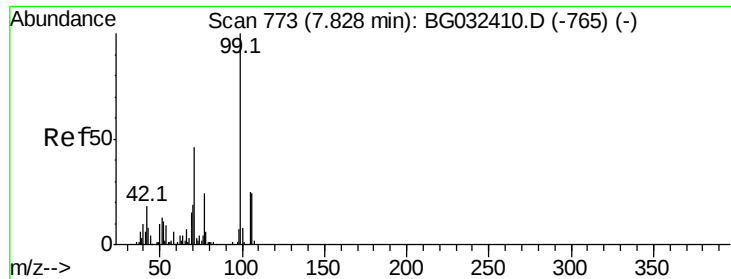
Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	93	Resp:	52555
Ion Ratio	Lower	Upper	
93	100		
66	34.5	33.7	50.5
65	23.9	16.1	24.1





#7

Phenol-d6

Concen: 107.350 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		191065		
42	20.1	14.1	21.1		
71	49.8	26.1	39.1#		

Instrument :

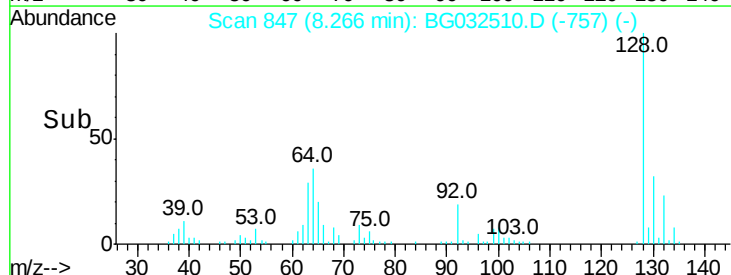
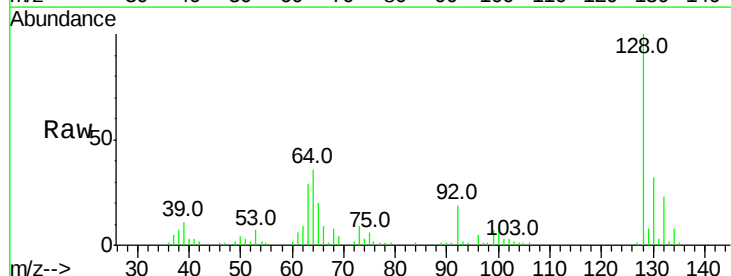
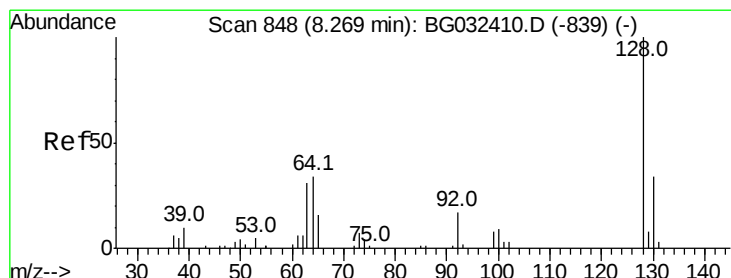
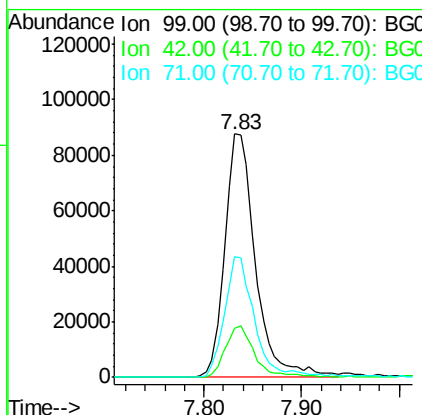
BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#8

2-Chlorophenol

Concen: 39.896 ng

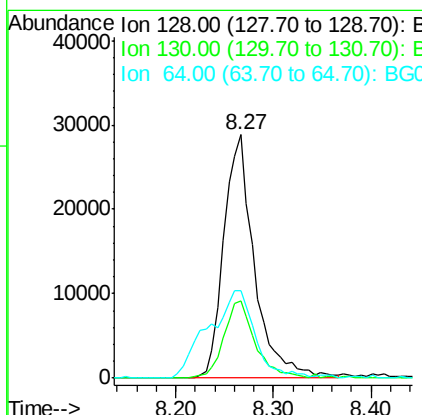
RT: 8.27 min Scan# 847

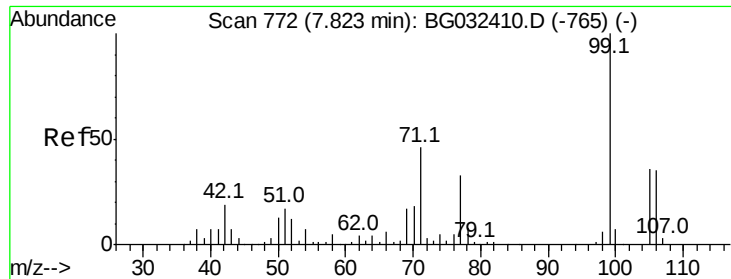
Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		62901		
130	31.8	14.0	54.0		
64	35.7	37.7	77.7#		





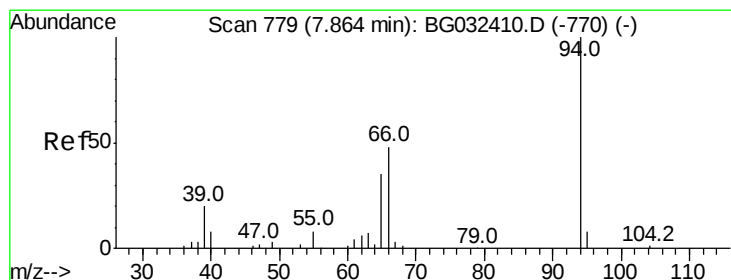
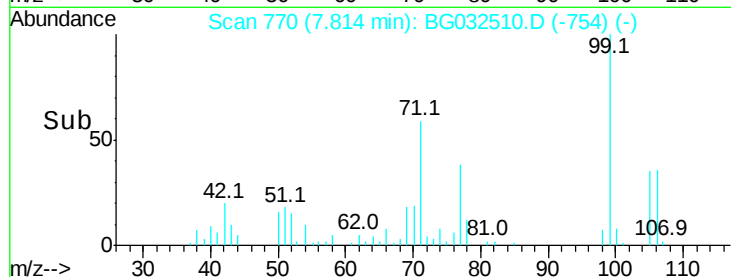
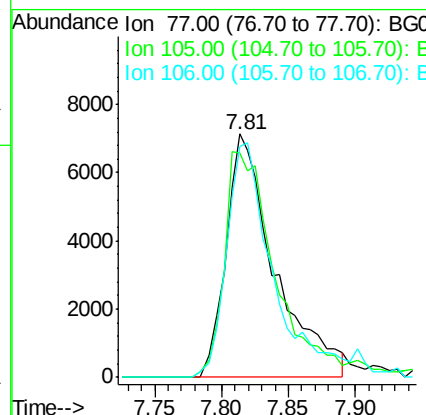
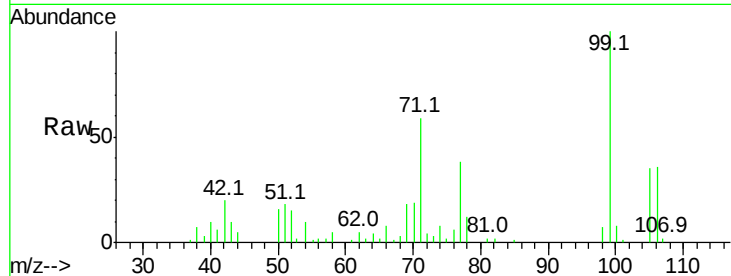
#9
Benzaldehyde
Concen: 19.717 ng
RT: 7.81 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.4	71.3	111.3
106	94.8	64.2	104.2

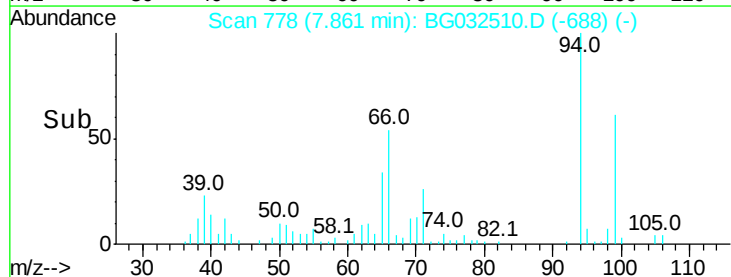
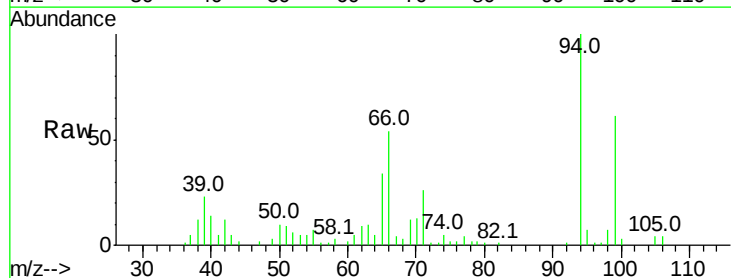
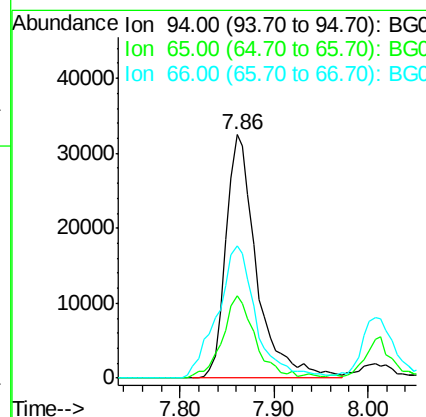
Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#10
Phenol
Concen: 43.589 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	11.9	51.9
66	54.5	22.2	62.2





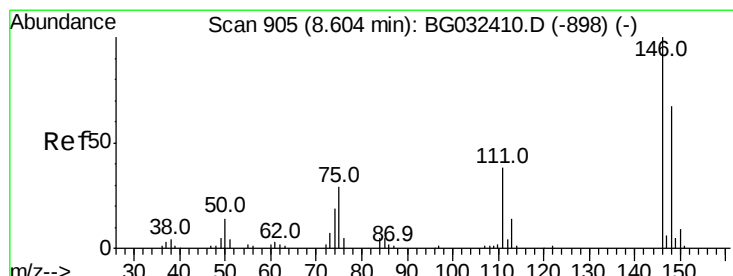
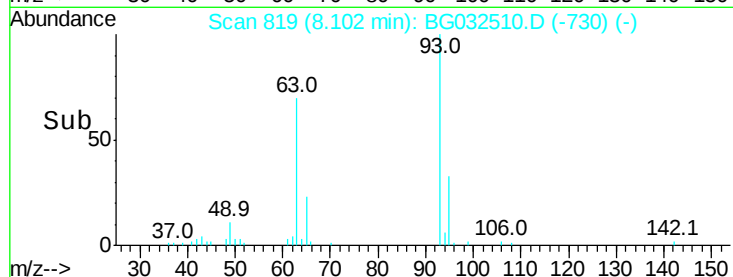
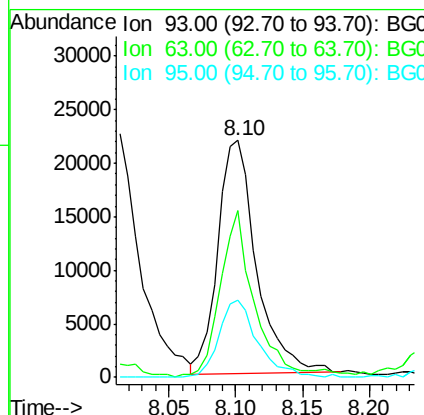
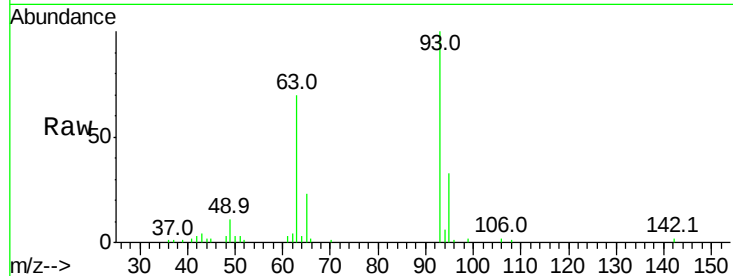
#11
bis(2-Chloroethyl)ether
Concen: 34.241 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	67.1	107.1
95	32.5	11.5	51.5

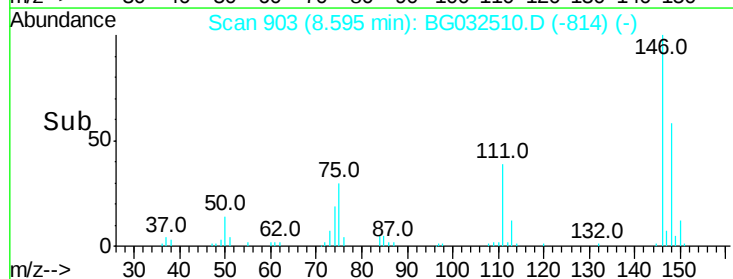
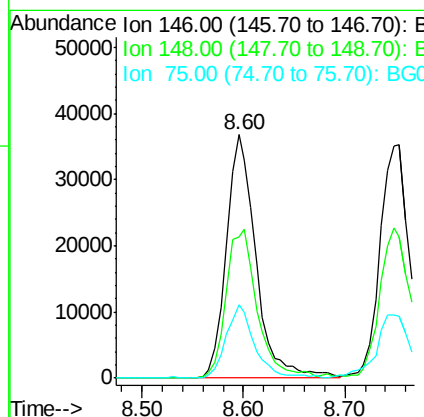
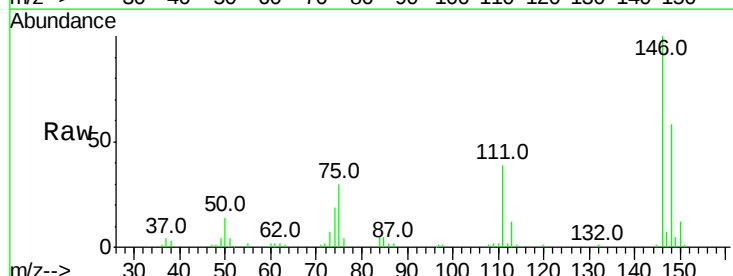
Manual Integrations
APPROVED

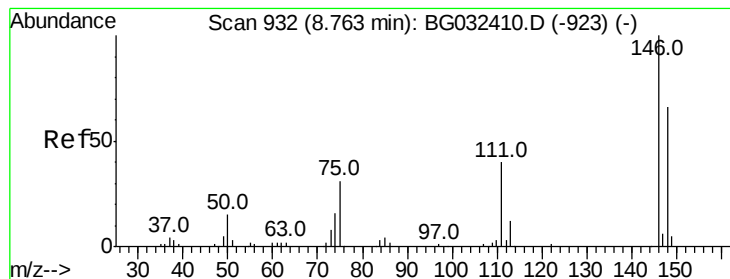
Sohil
2/5/2018 11:15:03 AM



#12
1,3-Dichlorobenzene
Concen: 34.744 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.8	51.4	77.2
75	30.4	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 34.795 ng

RT: 8.75 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

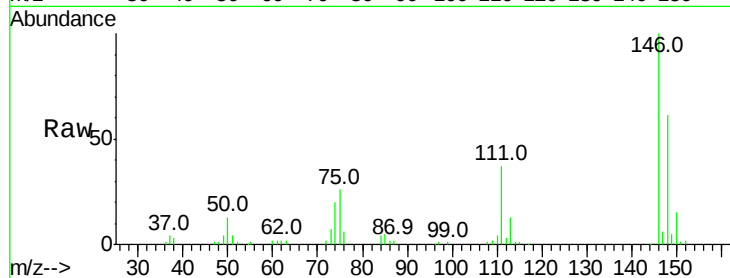
ClientSampleId :

EPE-125-7A(0-5)MSD

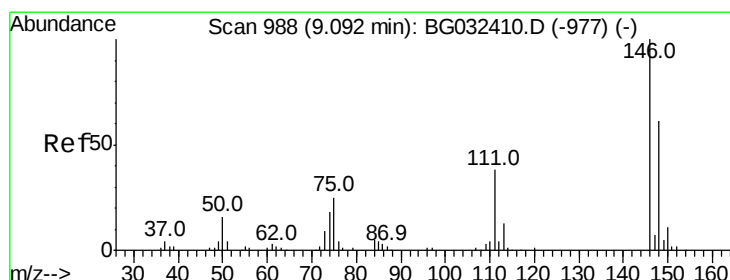
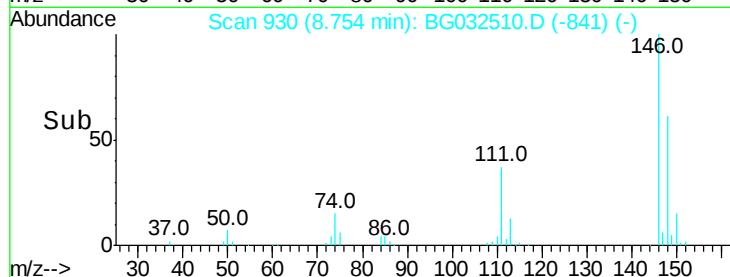
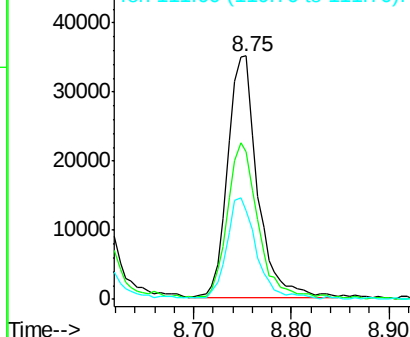
Tot Ion:	146	Resp:	74359
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.7	80.5
111	36.5	35.2	52.8

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



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



#14

1,2-Dichlorobenzene

Concen: 35.108 ng

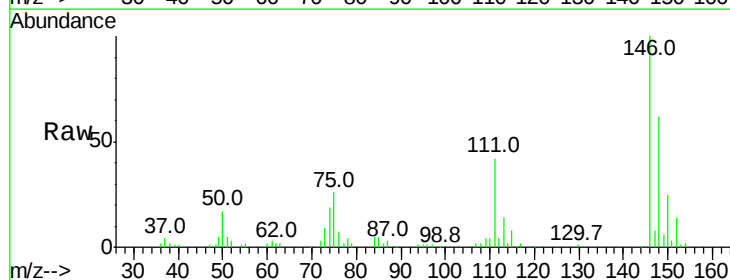
RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

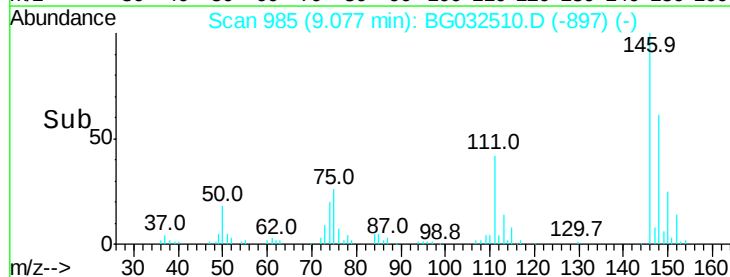
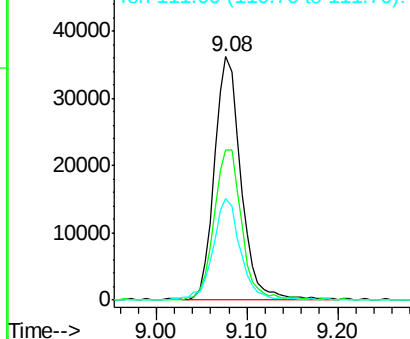
Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	146	Resp:	73497
Ion Ratio	Lower	Upper	
146	100		
148	61.9	49.3	73.9
111	41.9	34.3	51.5



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





#15

Benzyl Alcohol

Concen: 34.066 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

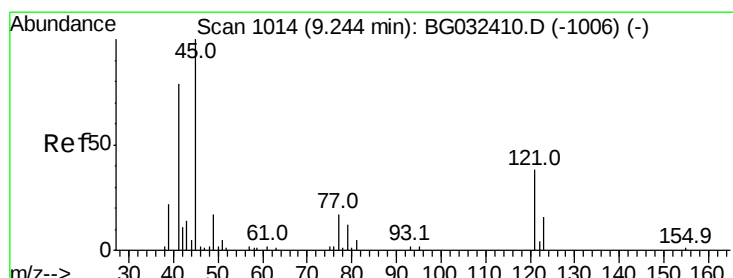
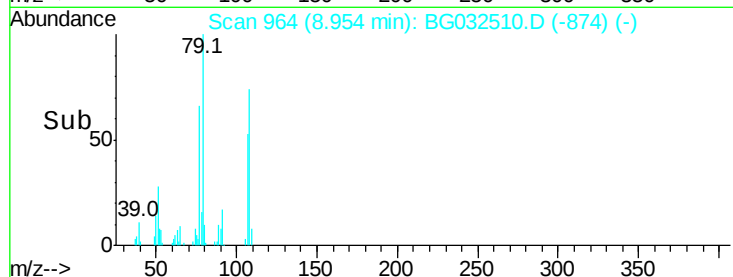
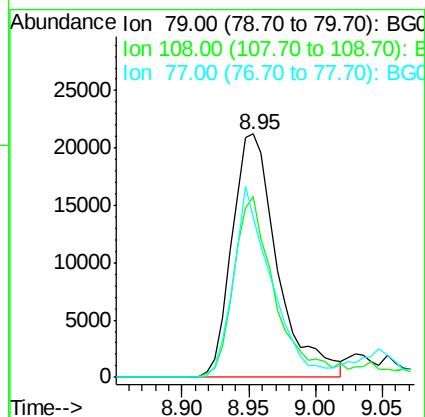
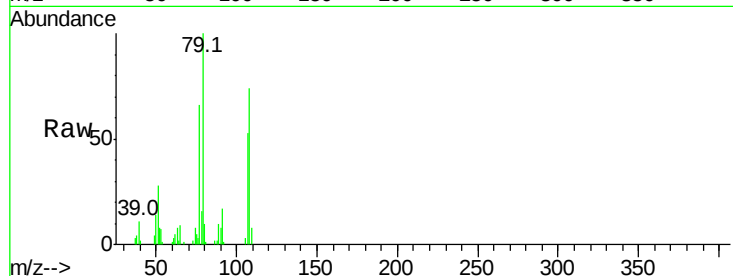
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	79	Resp:	49971
Ion Ratio	Lower	Upper	
79	100		
108	74.3	57.2	85.8
77	65.9	46.1	69.1

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.636 ng

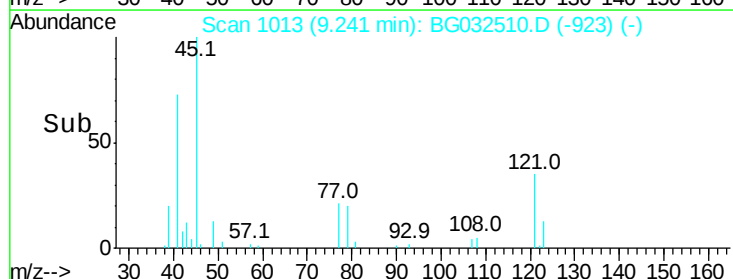
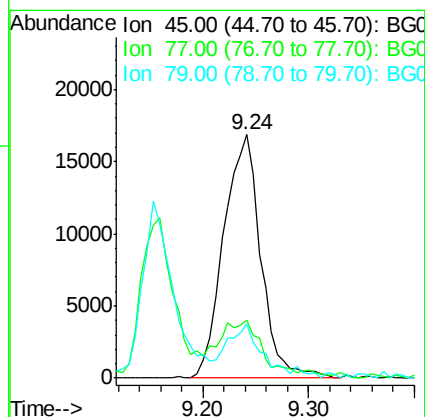
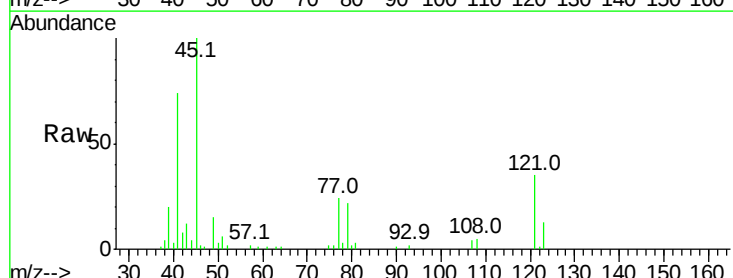
RT: 9.24 min Scan# 1013

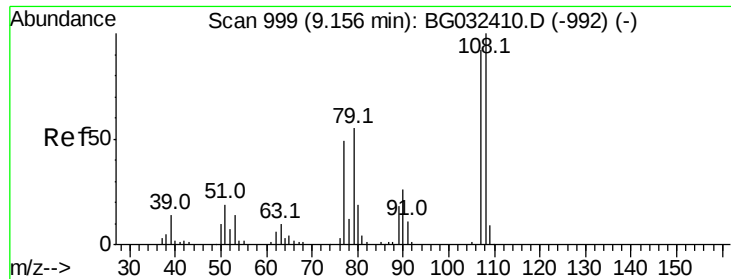
Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	45	Resp:	41048
Ion Ratio	Lower	Upper	
45	100		
77	23.6	0.0	30.2
79	22.1	0.0	27.9





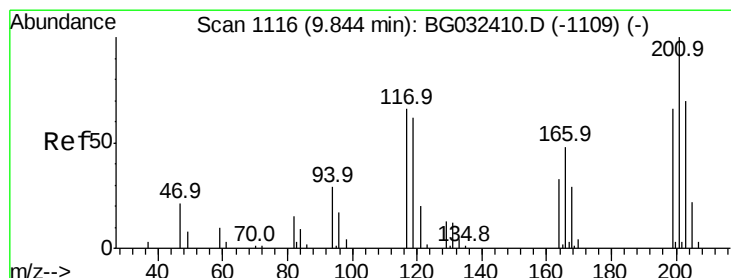
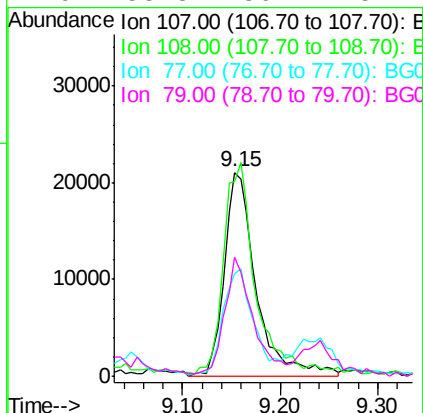
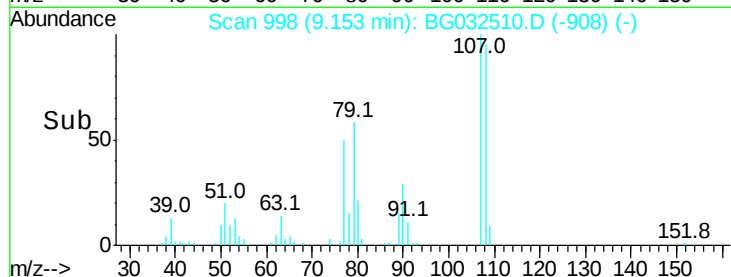
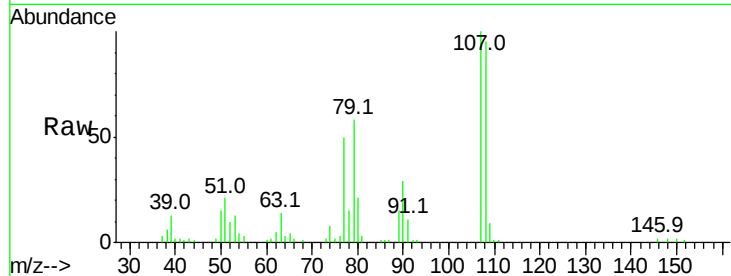
#17
2-Methylphenol
Concen: 34.803 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	95.4	83.9	125.9
77	50.1	37.2	55.8
79	58.3	36.2	54.2

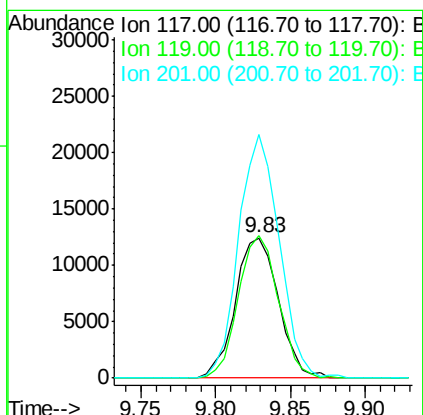
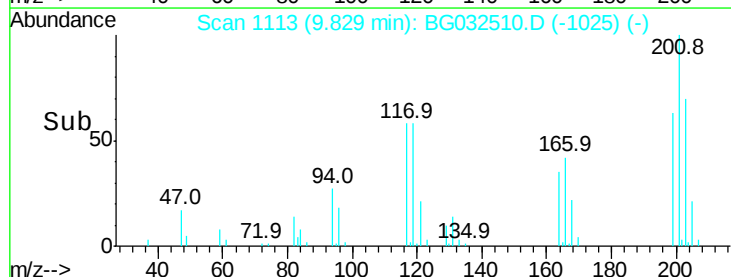
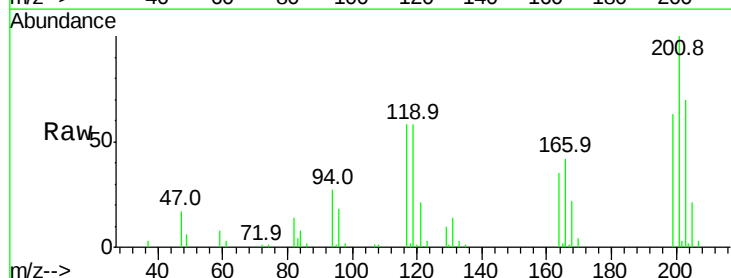
Manual Integrations
APPROVED

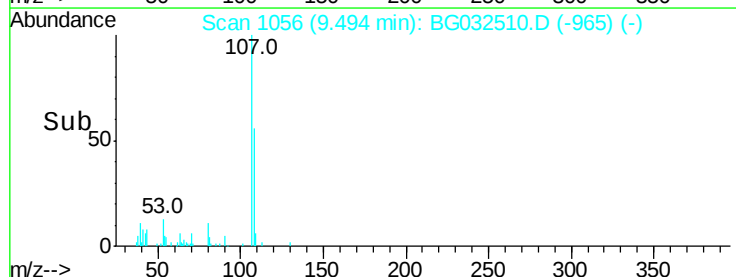
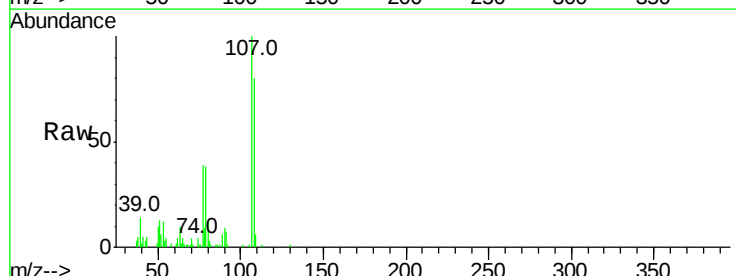
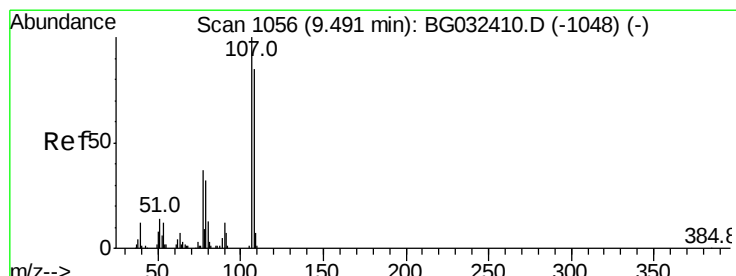
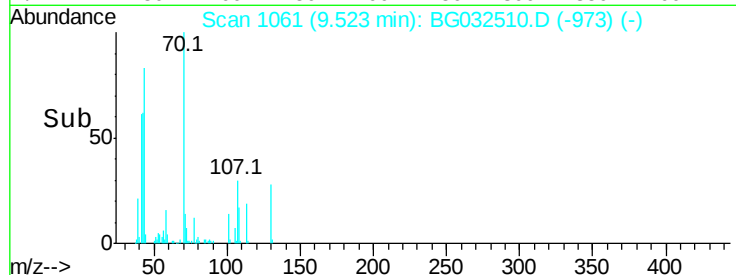
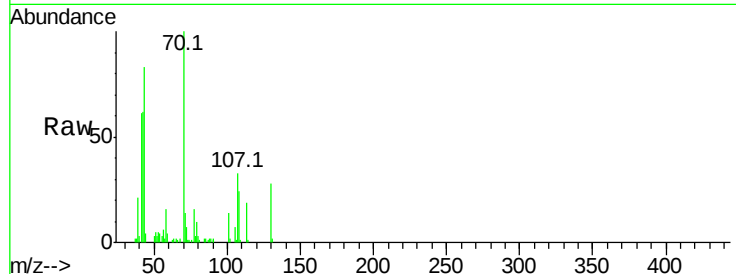
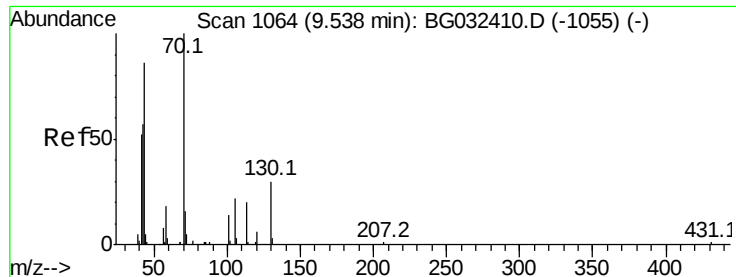
Sohil
2/5/2018 11:15:03 AM



#18
Hexachloroethane
Concen: 34.619 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	76.7	115.1
201	173.6	95.7	143.5





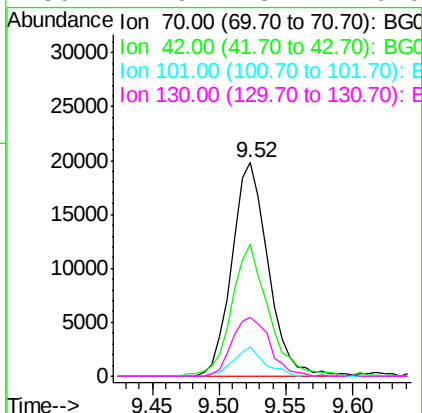
#19
n-Nitroso-di-n-propylamine
Concen: 31.528 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	49.1	73.7	
101	14.0	8.5	12.7	
130	27.6	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

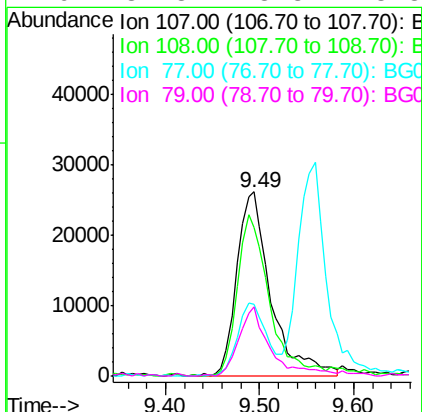
Manual Integrations
APPROVED

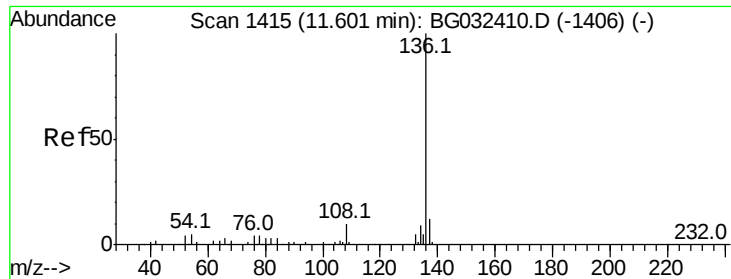
Sohil
2/5/2018 11:15:03 AM



#20
3+4-Methylphenols
Concen: 34.081 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.5	61.6	101.6	
77	38.8	13.9	53.9	
79	37.8	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

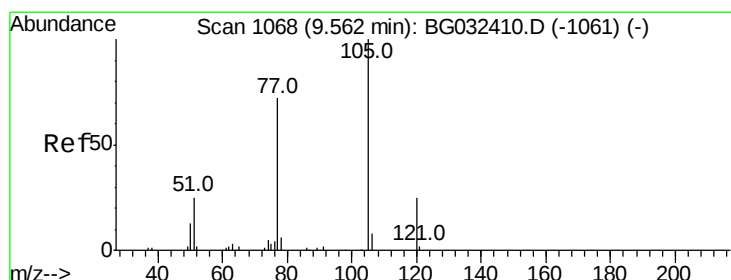
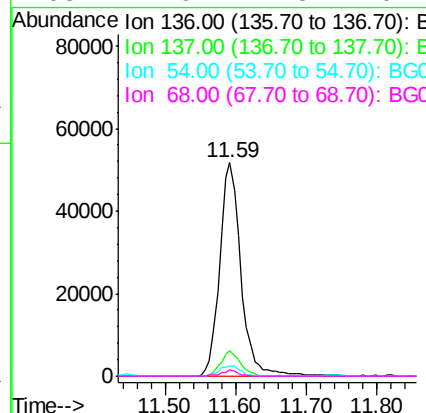
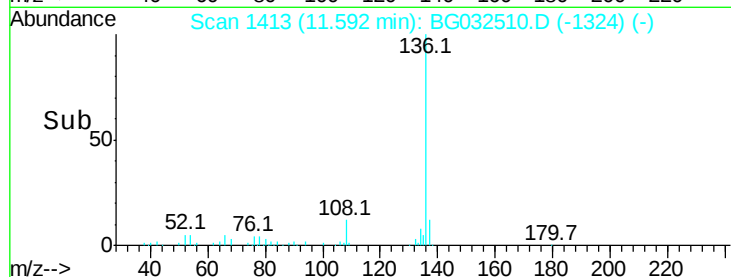
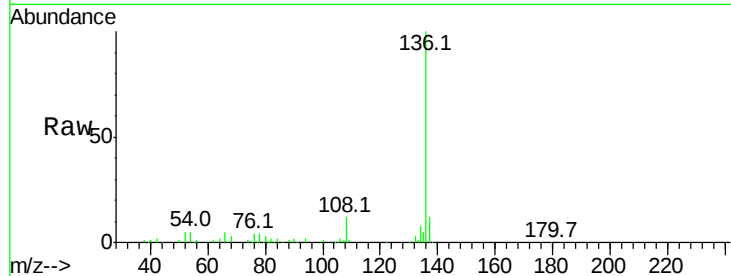
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	107998		
137	11.9		9.2	13.8
54	5.0		10.3	15.5#
68	2.9		4.5	6.7#

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#22

Acetophenone

Concen: 35.520 ng

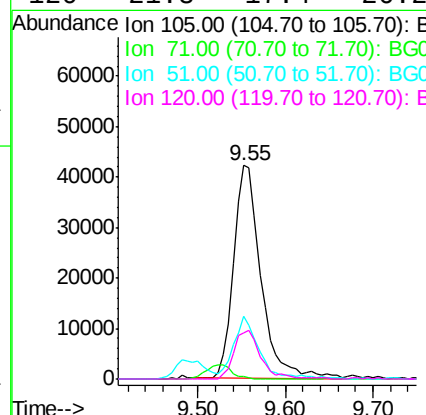
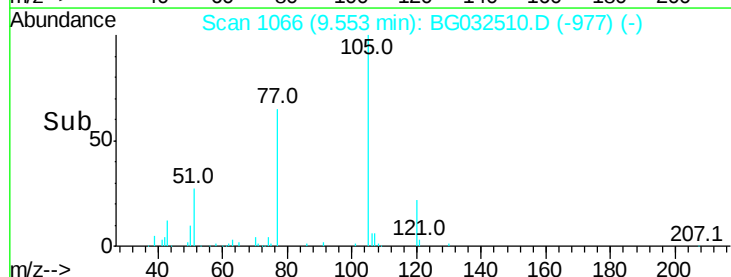
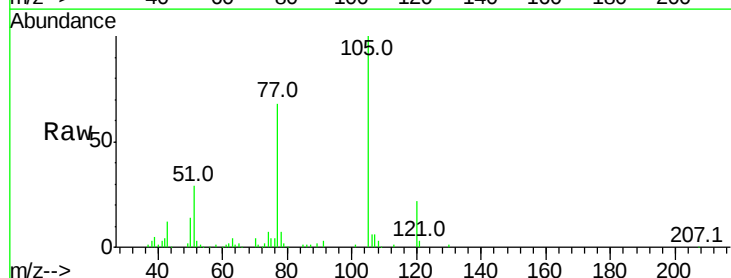
RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	89923		
71	1.0		3.0	4.4#
51	29.2		26.1	39.1
120	21.8		17.4	26.2





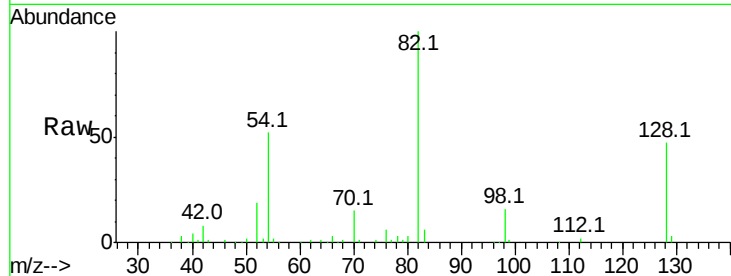
#23
 Nitrobenzene-d5
 Concen: 71.934 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

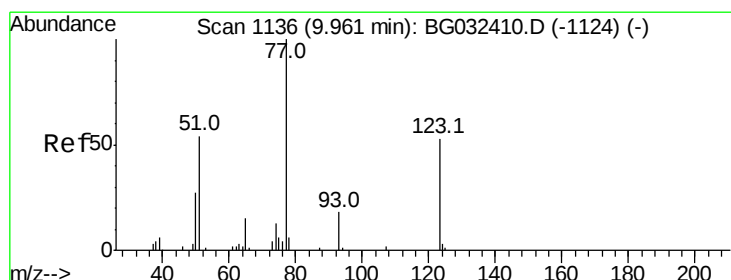
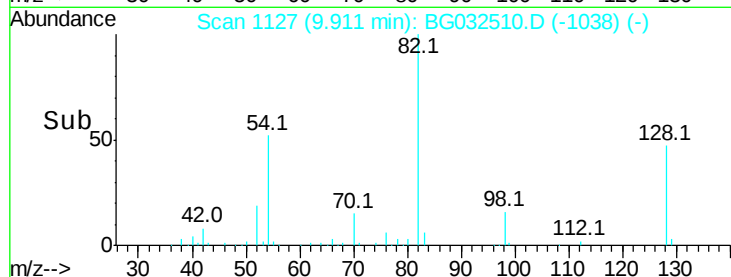
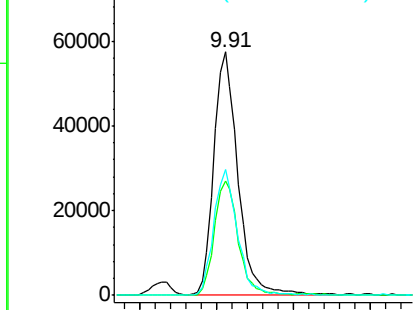
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	51.7	43.1	64.7

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:15:03 AM

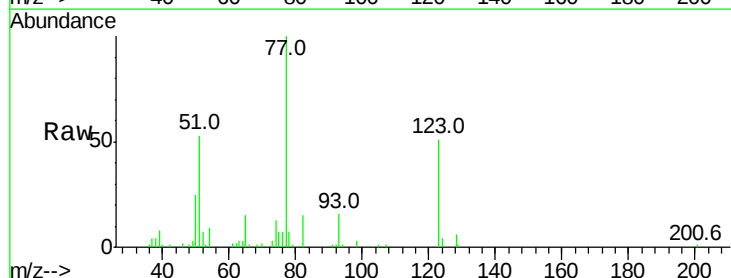


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

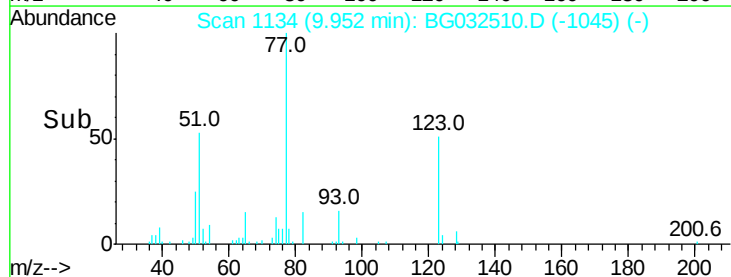
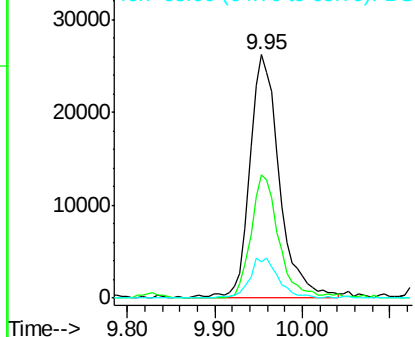


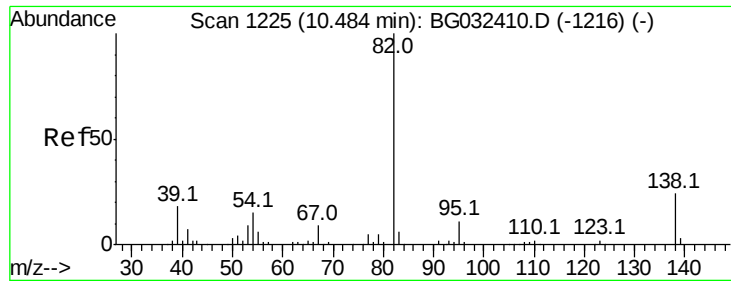
#24
 Nitrobenzene
 Concen: 36.499 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.6#
65	15.1	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.982 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion: 82 Resp: 105937
Ion Ratio Lower Upper

82 100

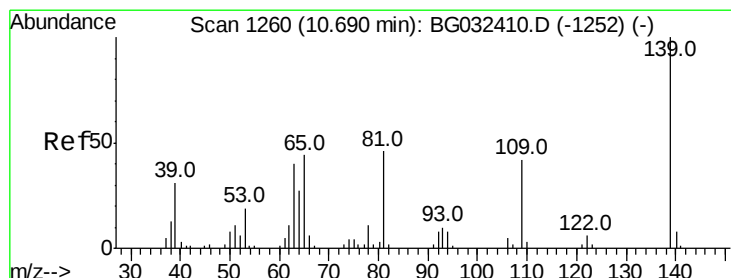
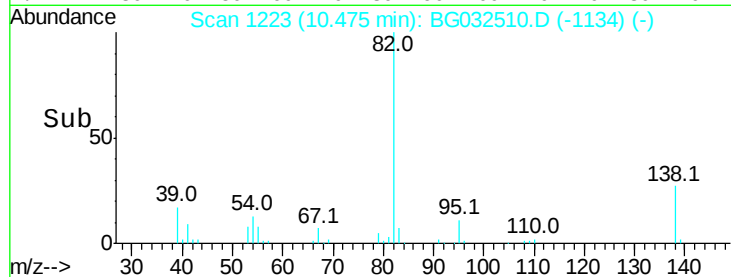
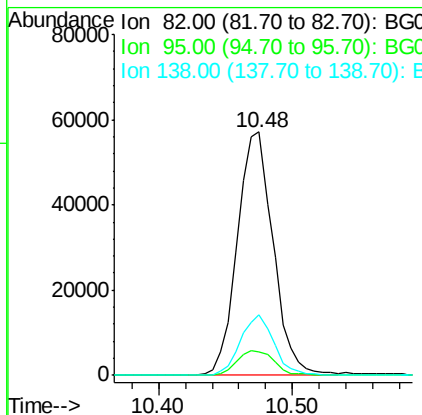
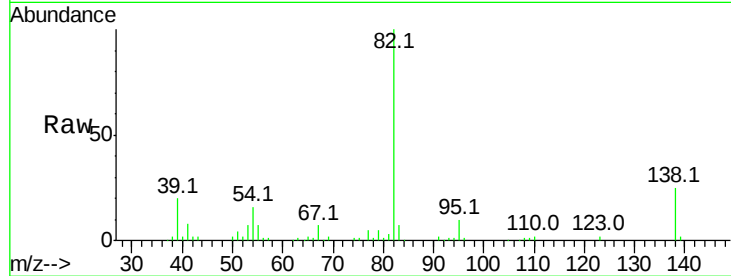
95 9.8 6.2 9.2#

138 24.9 12.1 18.1#

Manual Integrations
APPROVED

Sohil

2/5/2018 11:15:03 AM



#26

2-Nitrophenol

Concen: 38.879 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032510.D

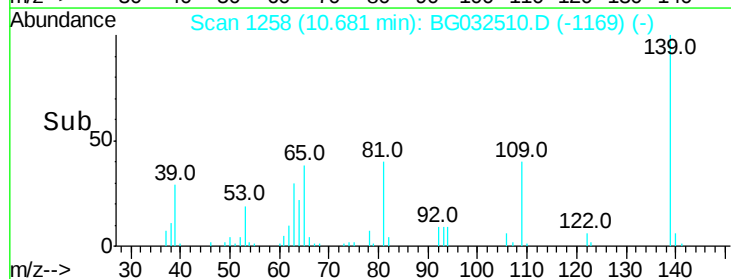
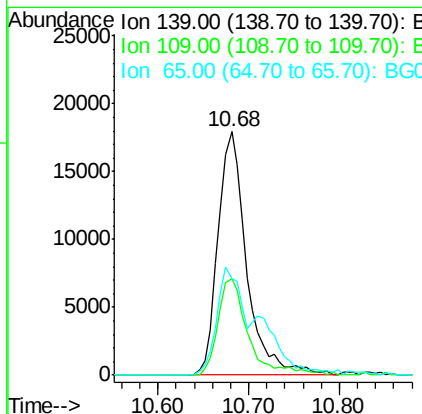
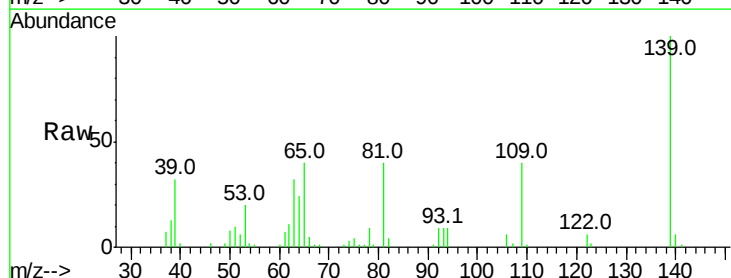
Acq: 2 Feb 2018 13:52

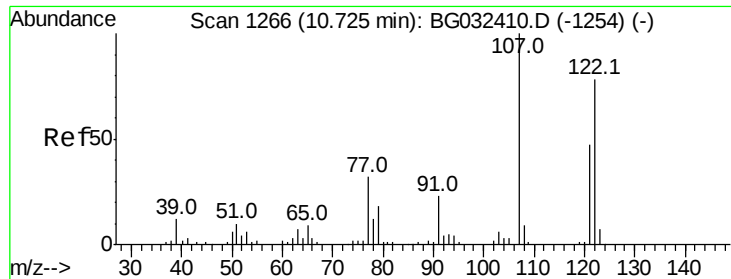
Tgt Ion: 139 Resp: 39295
Ion Ratio Lower Upper

139 100

109 39.6 24.2 36.2#

65 39.6 47.4 71.0#





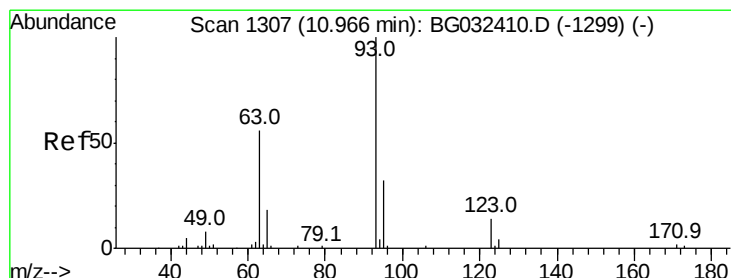
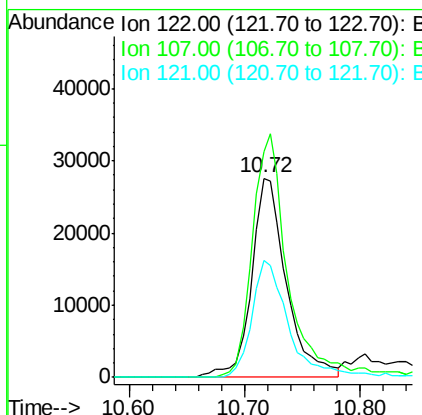
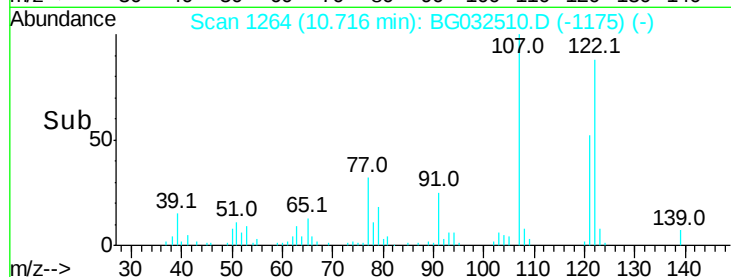
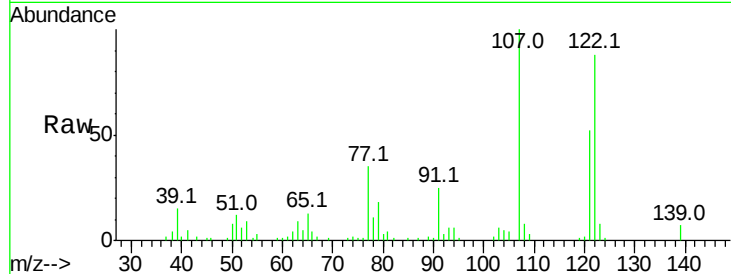
#27
 2,4-Dimethylphenol
 Concen: 39.975 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion:	122	Resp:	57990
Ion	Ratio	Lower	Upper
122	100		
107	113.6	100.2	150.2
121	58.8	44.4	66.6

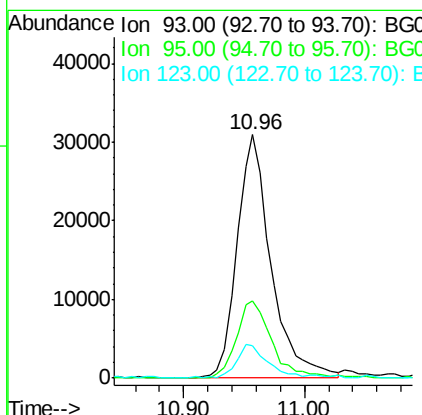
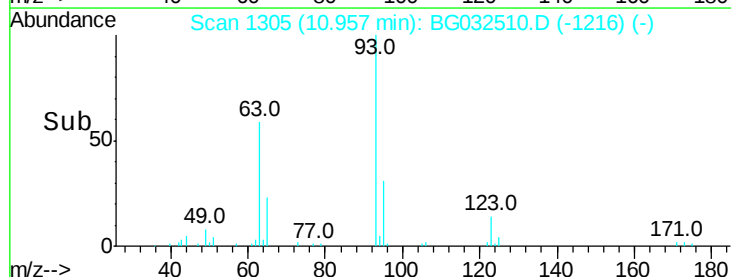
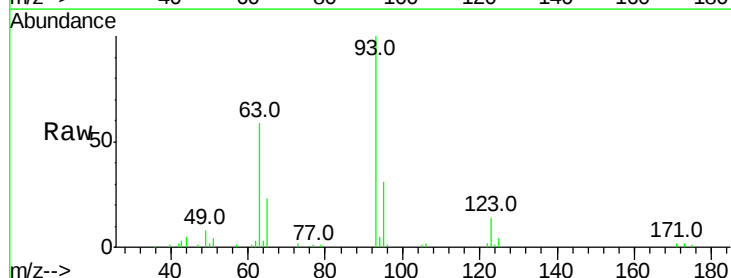
Manual Integrations
 APPROVED

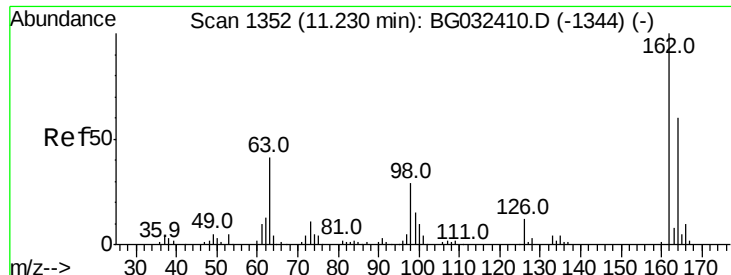
Sohil
 2/5/2018 11:15:03 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.485 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion:	93	Resp:	60517
Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.3	36.5
123	13.6	8.4	12.6#





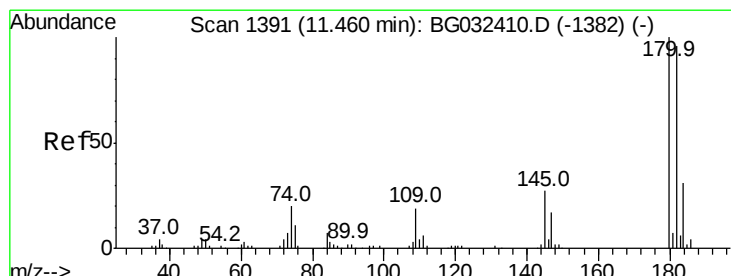
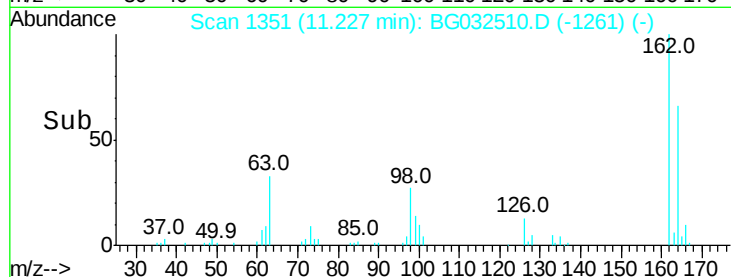
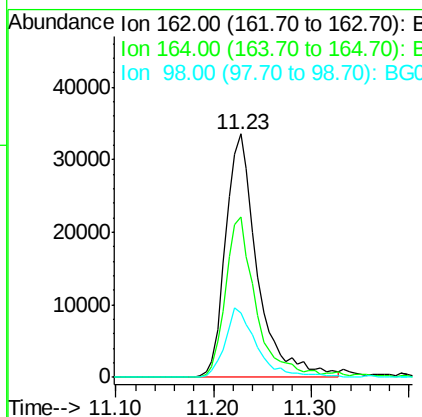
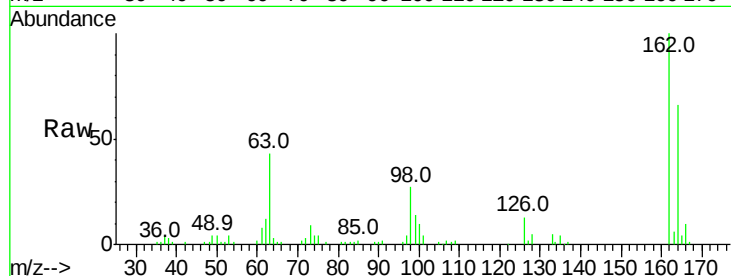
#29
 2,4-Dichlorophenol
 Concen: 39.549 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.0	88.0
98	26.5	21.1	61.1

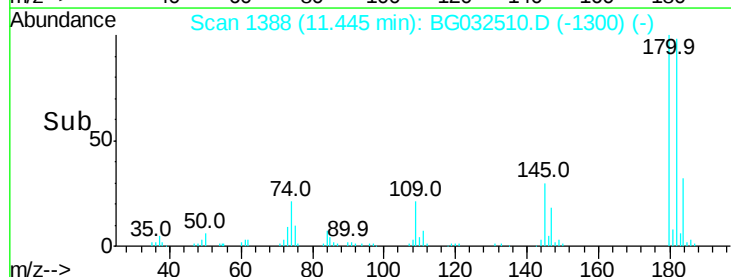
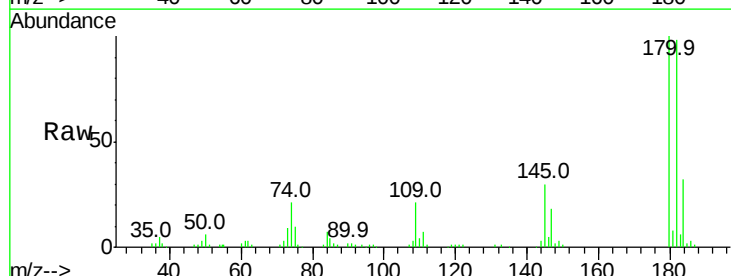
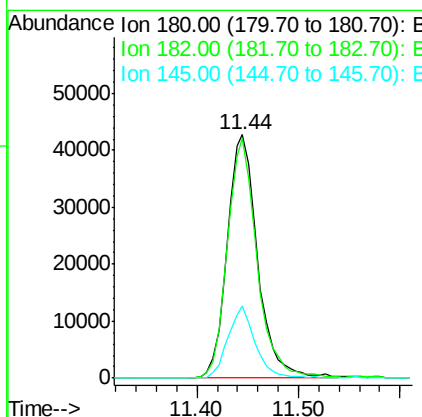
Manual Integrations
 APPROVED

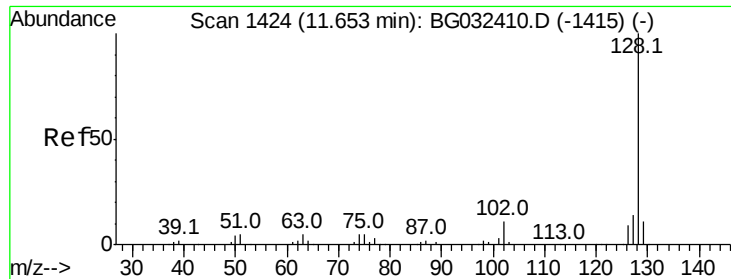
Sohil
 2/5/2018 11:15:03 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.578 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.5	116.3
145	29.7	23.4	35.2





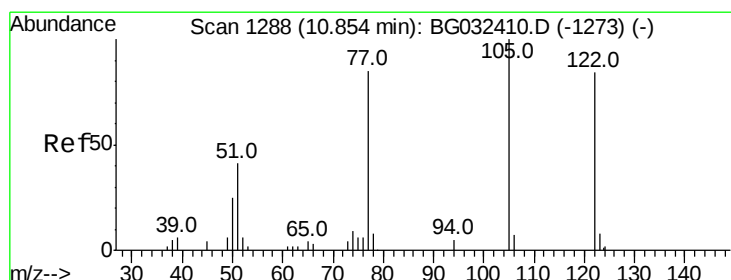
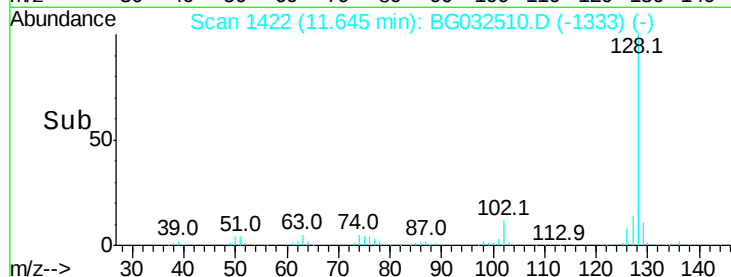
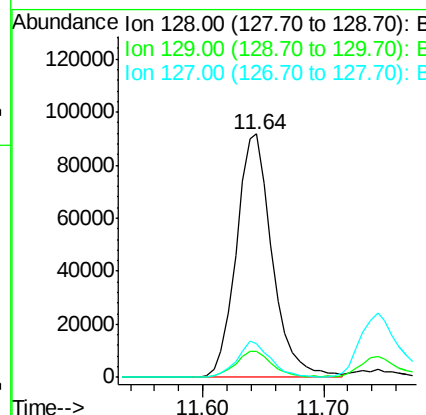
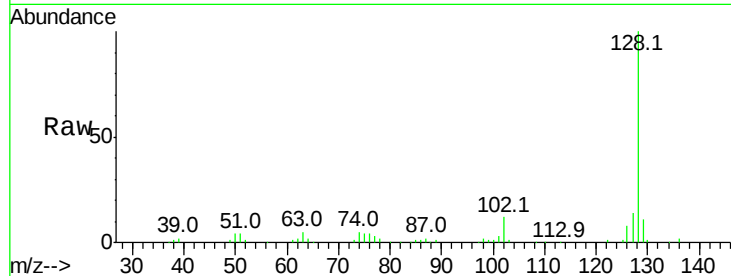
#31
Naphthalene
Concen: 35.844 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	189066		
129	10.6		8.6	12.8
127	13.9		11.6	17.4

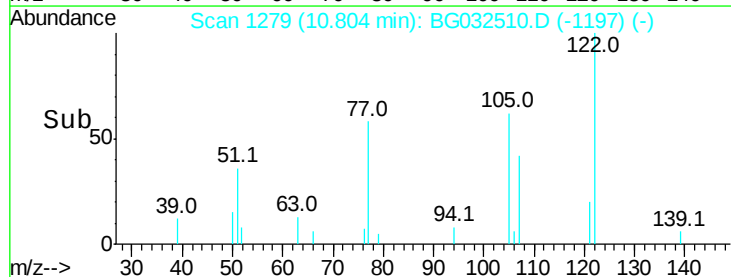
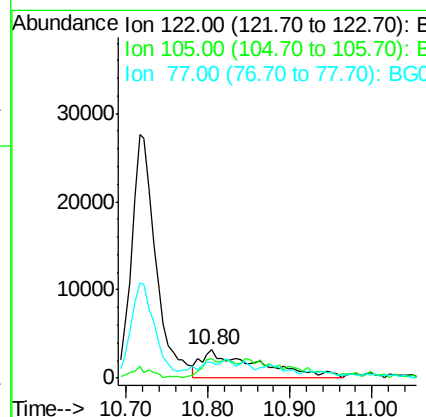
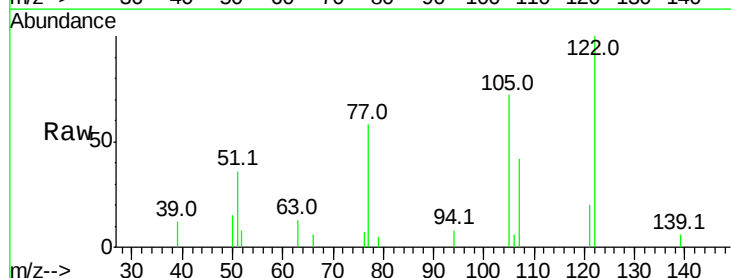
Manual Integrations
APPROVED

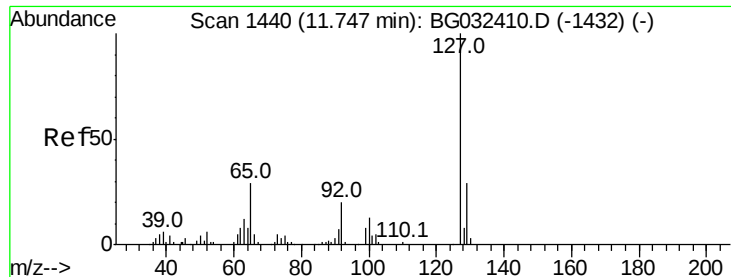
Sohil
2/5/2018 11:15:03 AM



#32
Benzoic acid
Concen: 19.304 ng m
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15336		
105	71.6		123.5	163.5#
77	57.9		85.7	125.7#





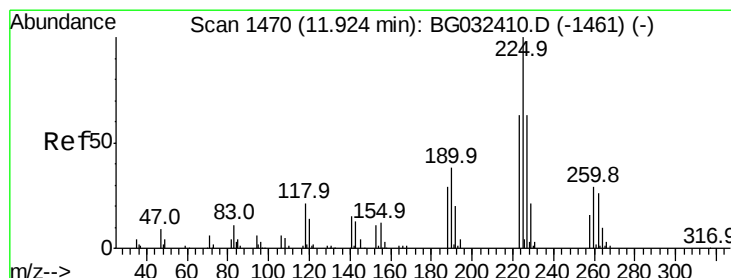
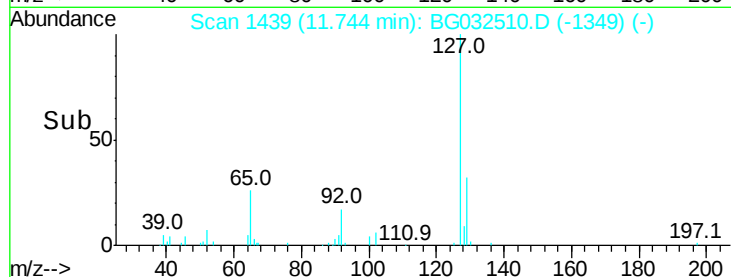
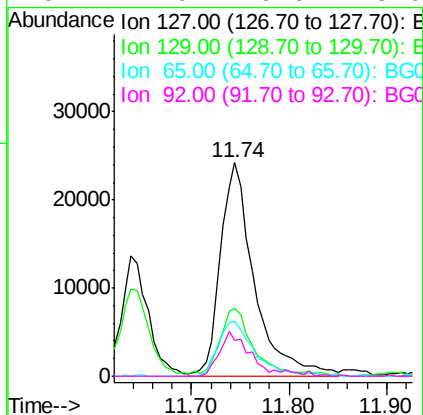
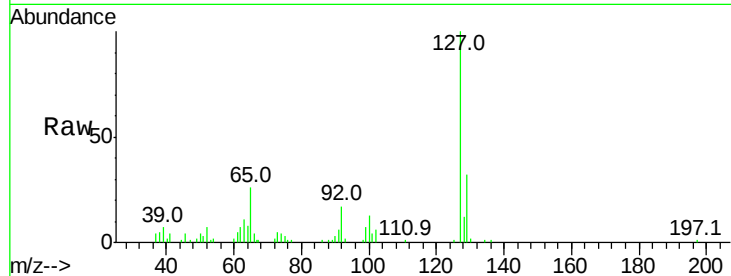
#33
4-Chloroaniline
Concen: 24.907 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	24.0	36.0		
65	25.9	27.0	40.4		
92	17.0	16.6	25.0		

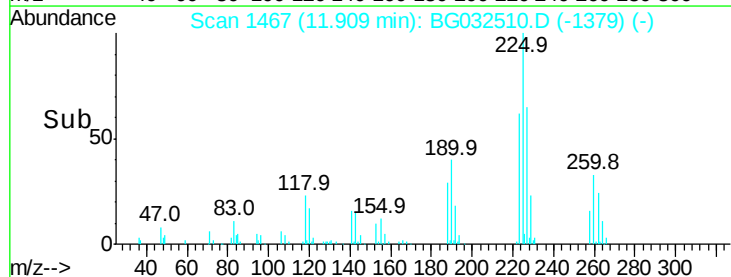
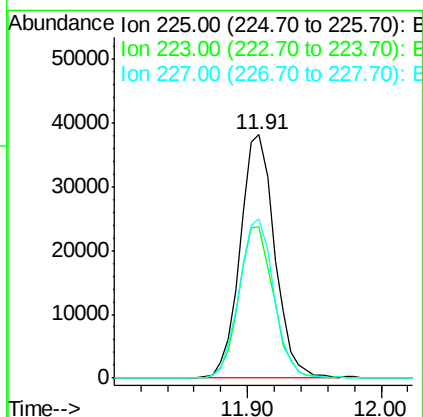
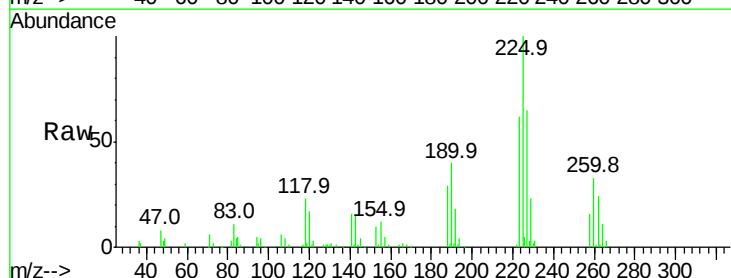
Manual Integrations
APPROVED

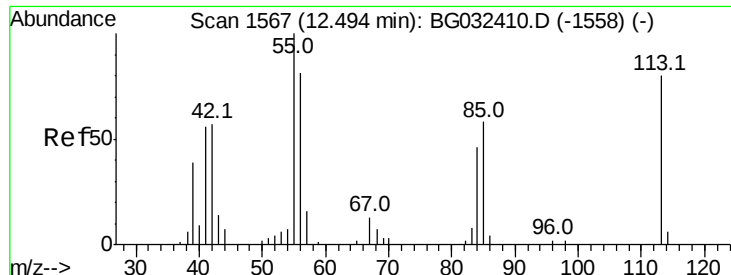
Sohil
2/5/2018 11:15:03 AM



#34
Hexachlorobutadiene
Concen: 34.221 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.7	74.5		
227	65.1	48.1	72.1		





#35

Caprolactam

Concen: 38.310 ng

RT: 12.49 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:113 Resp: 21135

Ion Ratio Lower Upper

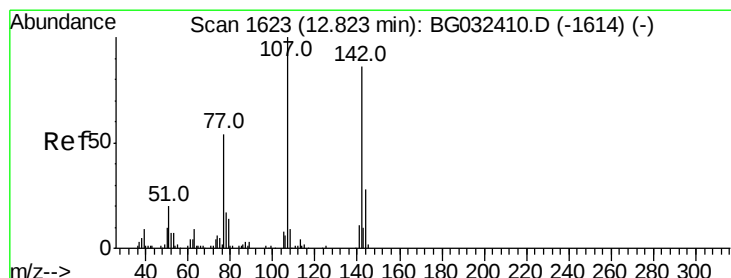
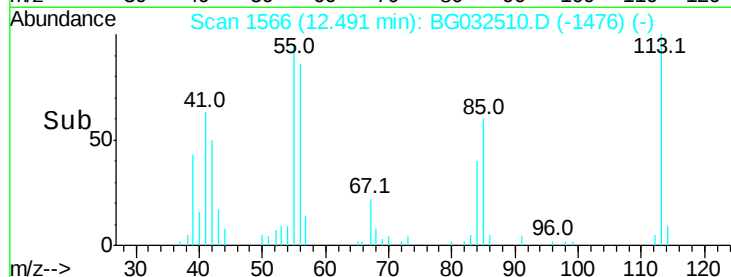
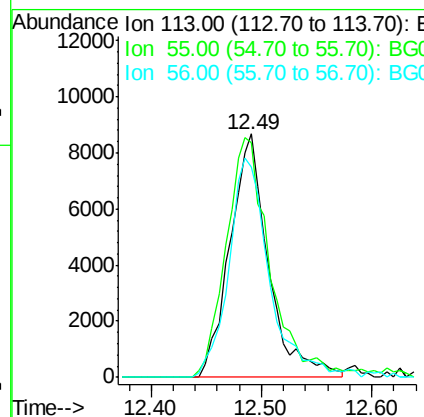
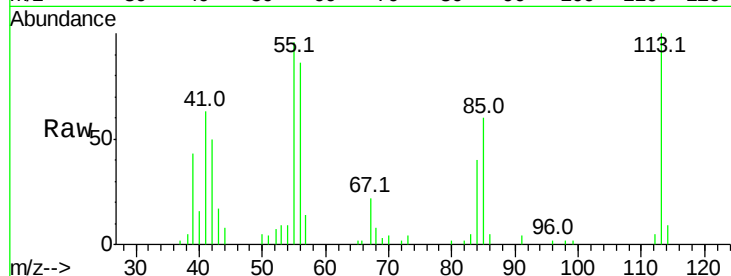
113 100

55 96.4 186.9 226.9#

56 86.4 130.9 170.9#

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#36

4-Chloro-3-methylphenol

Concen: 39.356 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

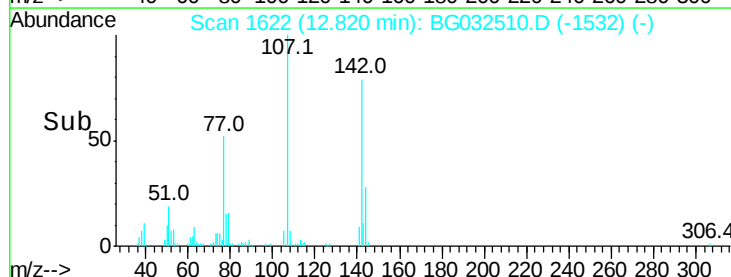
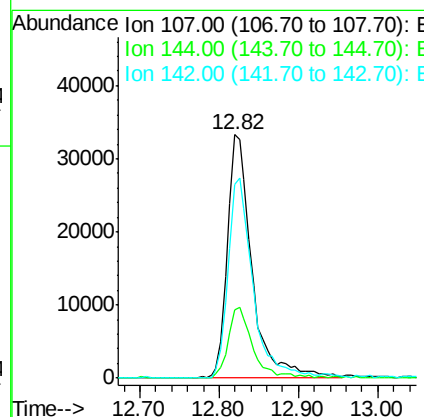
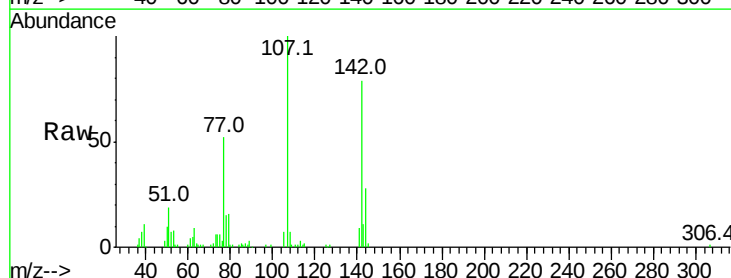
Tgt Ion:107 Resp: 71741

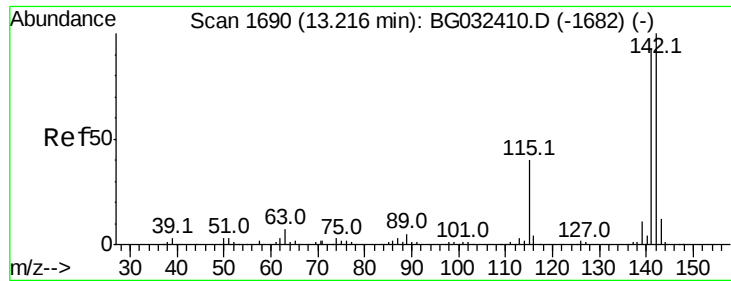
Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

142 79.3 59.0 88.4





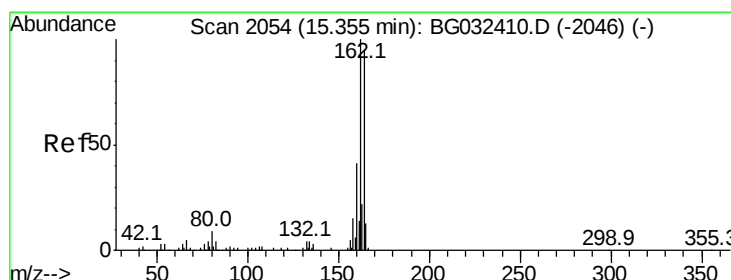
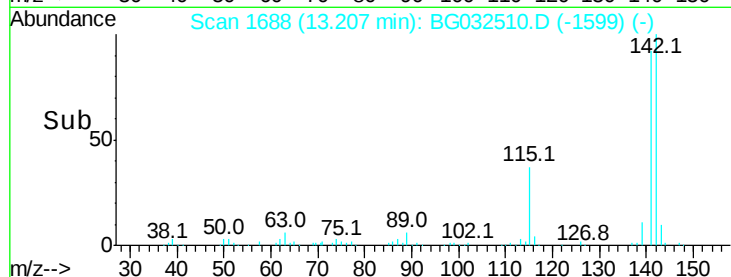
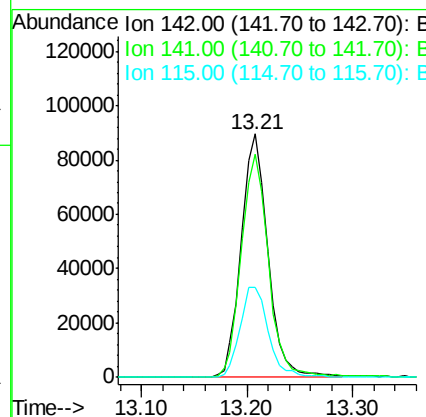
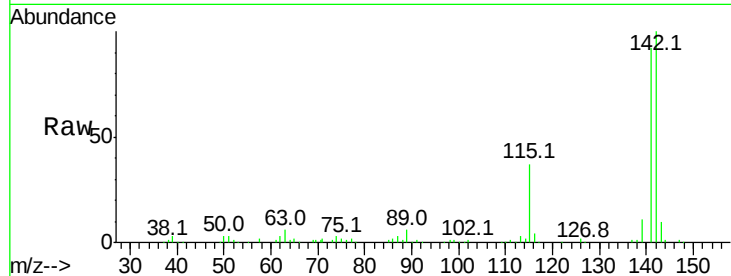
#37
2-Methylnaphthalene
Concen: 35.462 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	36.9	30.7	46.1

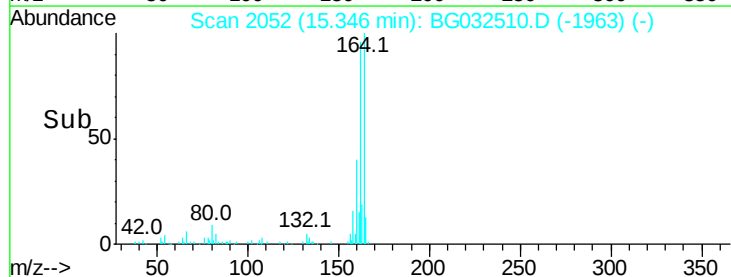
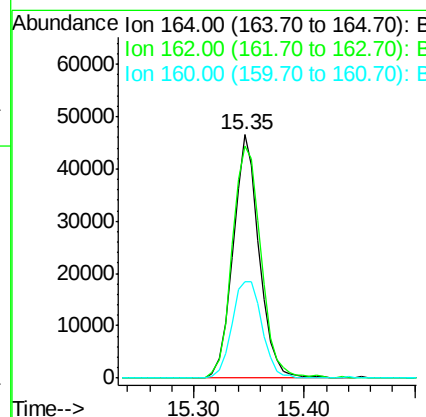
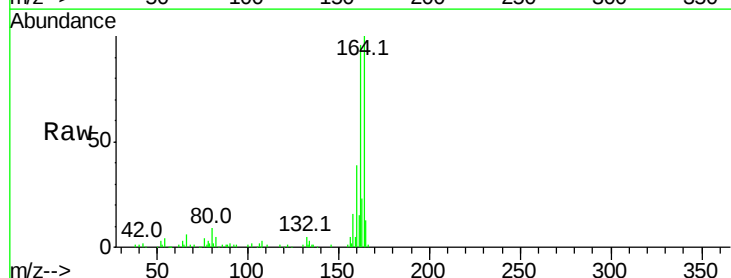
Manual Integrations
APPROVED

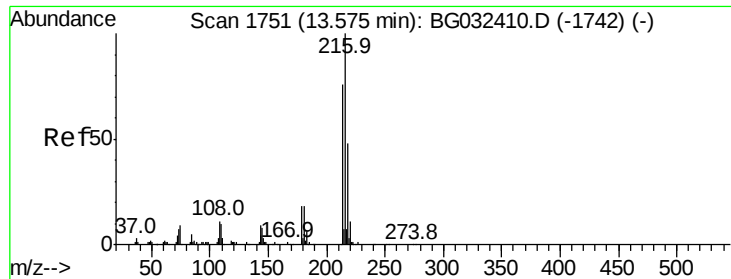
Sohil
2/5/2018 11:15:03 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.8	118.2
160	39.4	35.4	53.0





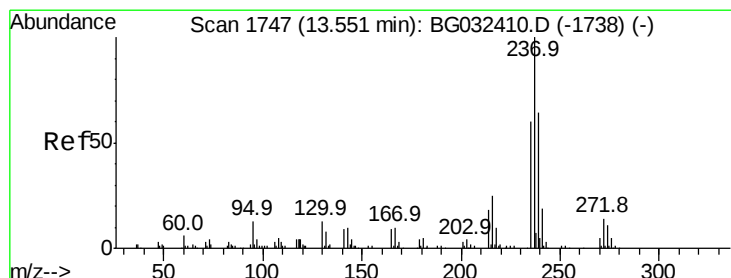
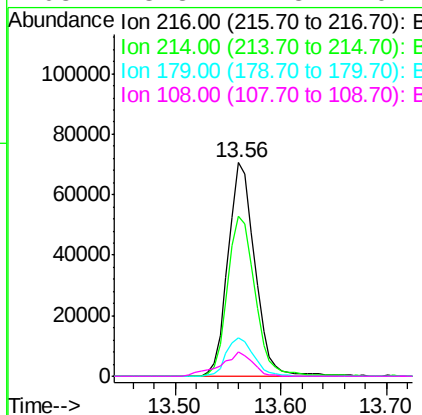
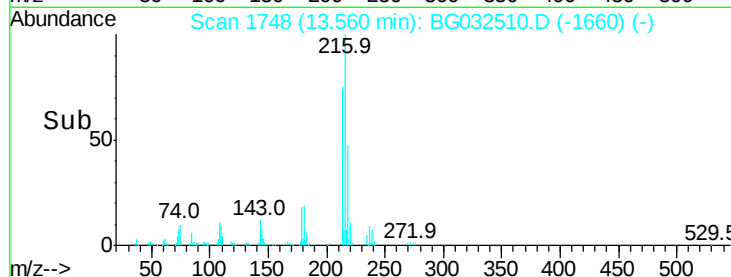
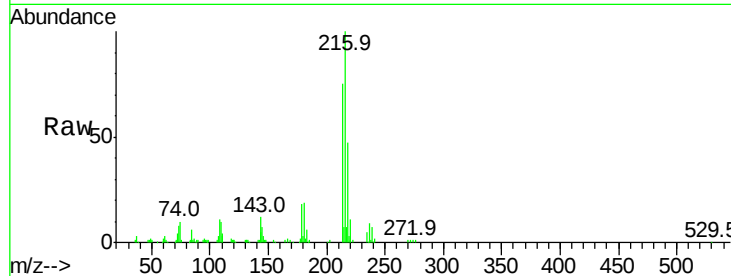
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.604 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	124313		
214	77.0	63.0	94.4	
179	18.4	17.0	25.6	
108	13.3	12.8	19.2	

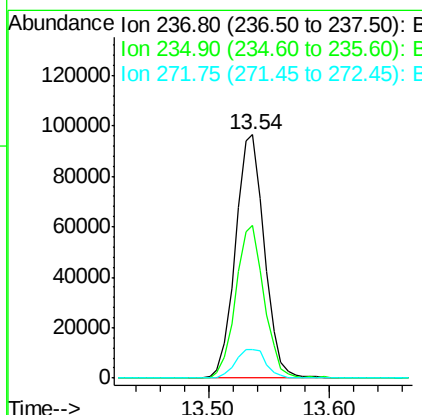
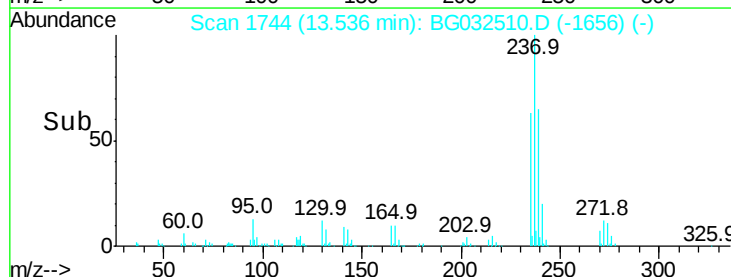
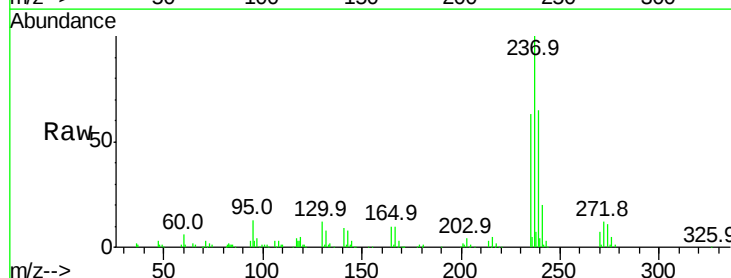
Manual Integrations
 APPROVED

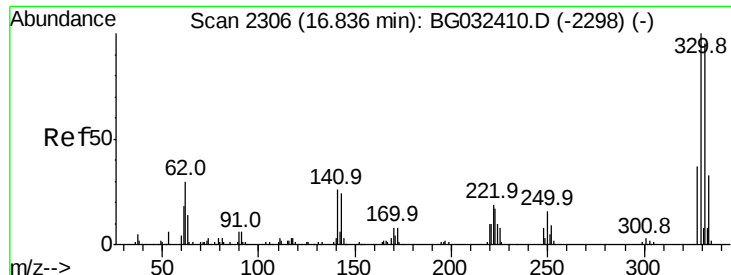
Sohil
 2/5/2018 11:15:03 AM



#40
 Hexachlorocyclopentadiene
 Concen: 71.548 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	160594		
235	62.9	50.4	90.4	
272	11.8	0.0	31.8	





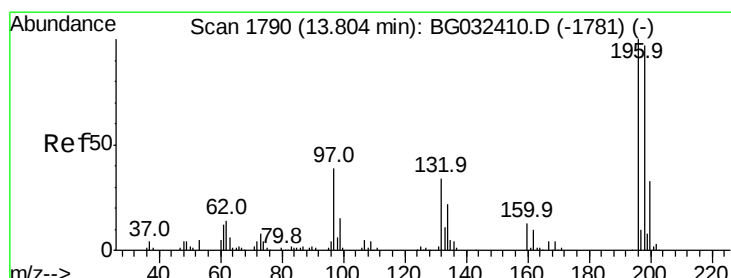
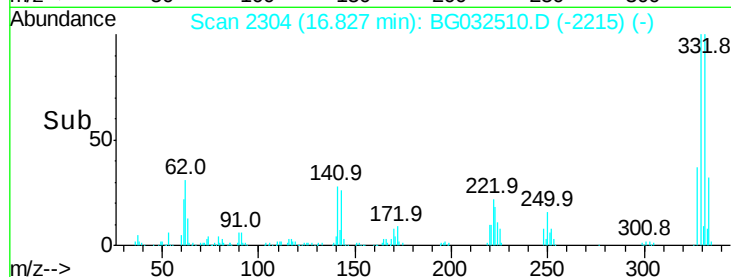
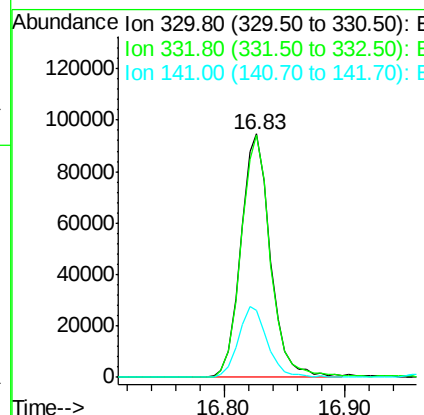
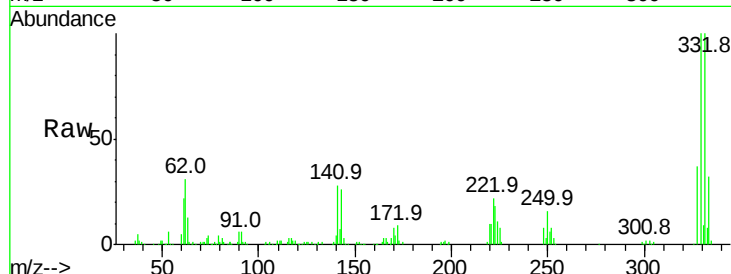
#41
 2,4,6-Tribromophenol
 Concen: 110.211 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161093		
332	99.0	77.0	115.6	
141	28.6	25.2	37.8	

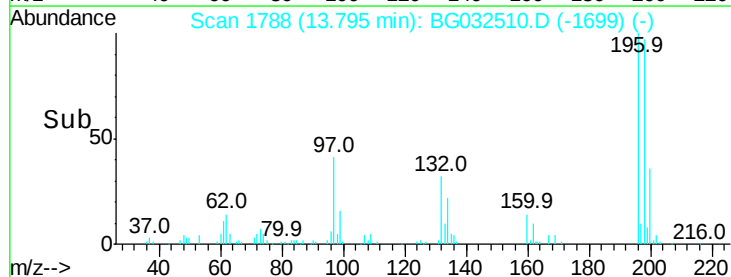
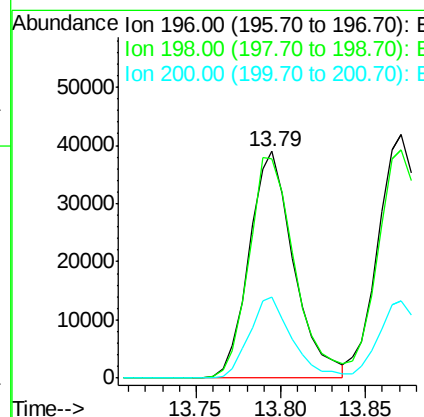
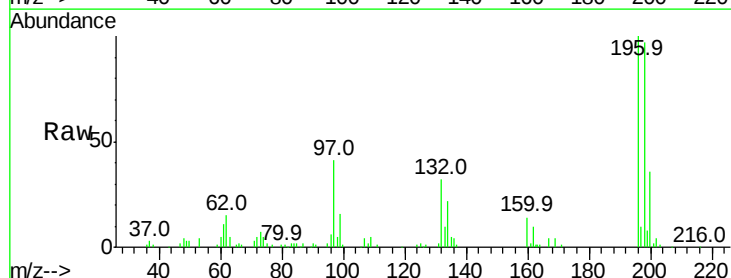
Manual Integrations
 APPROVED

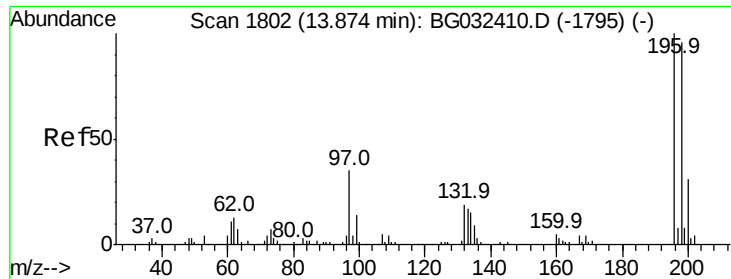
Sohil
 2/5/2018 11:15:03 AM



#42
 2,4,6-Trichlorophenol
 Concen: 36.660 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71635		
198	96.5	78.2	117.2	
200	35.8	24.6	36.8	





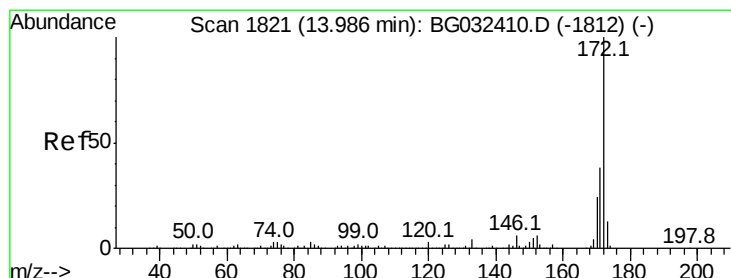
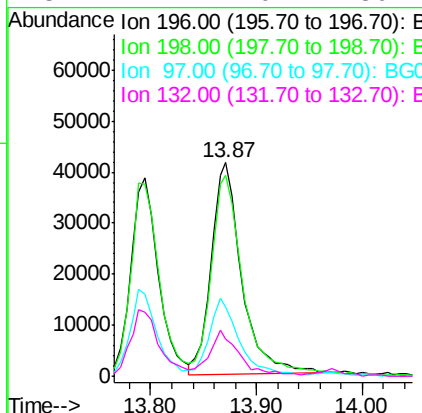
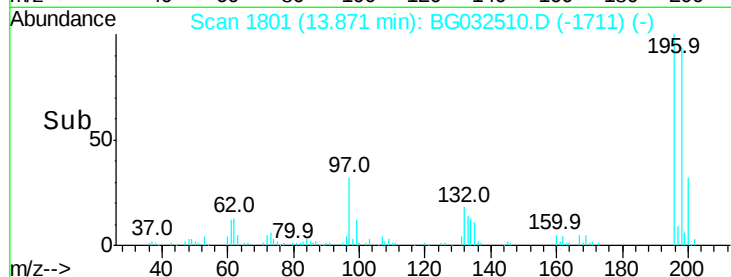
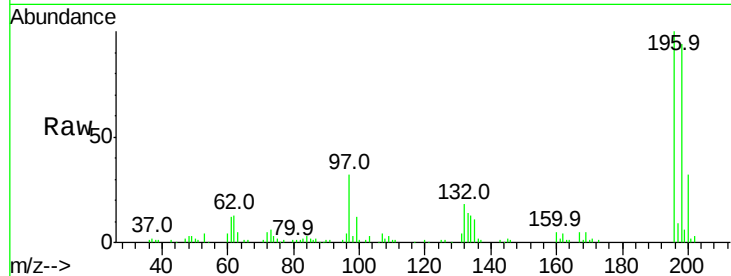
#43
 2,4,5-Trichlorophenol
 Concen: 36.518 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.4
97	32.4	38.7	58.1#
132	17.7	20.2	30.2#

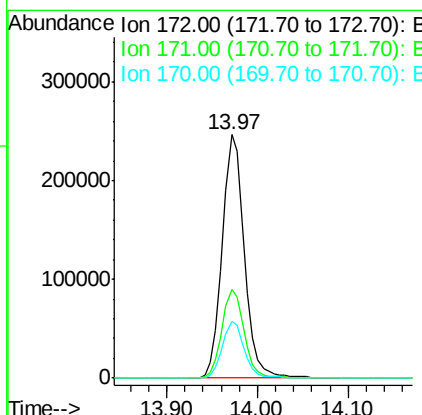
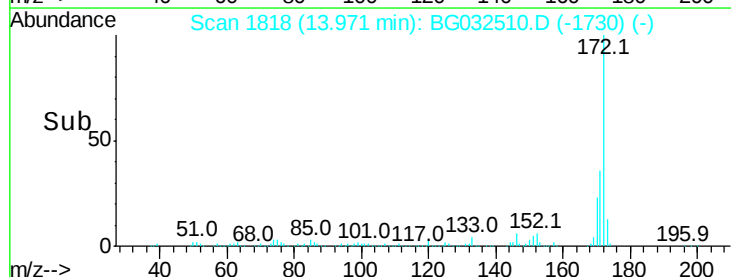
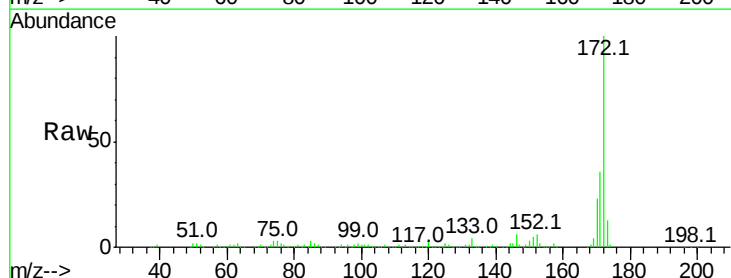
Manual Integrations
 APPROVED

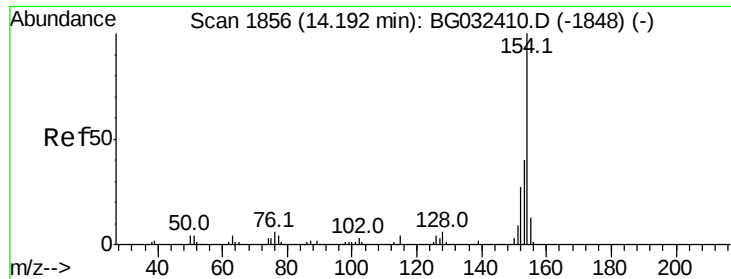
Sohil
 2/5/2018 11:15:03 AM



#44
 2-Fluorobiphenyl
 Concen: 64.447 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.4	19.5	29.3





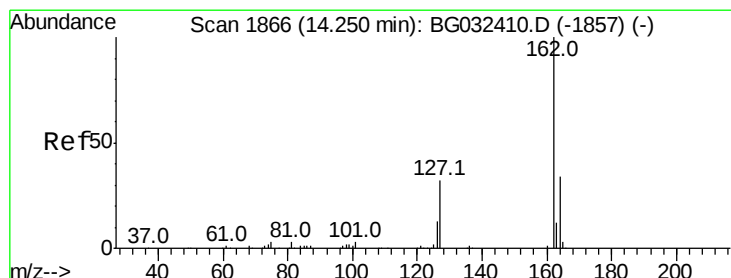
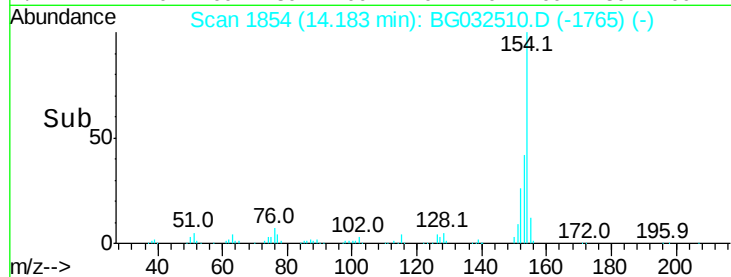
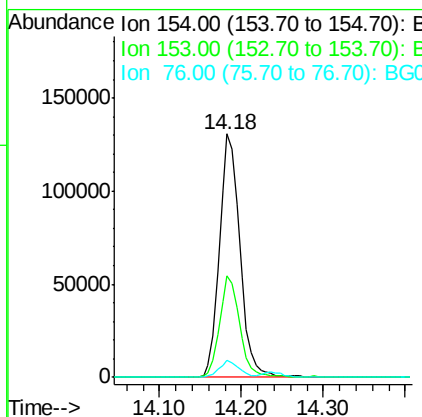
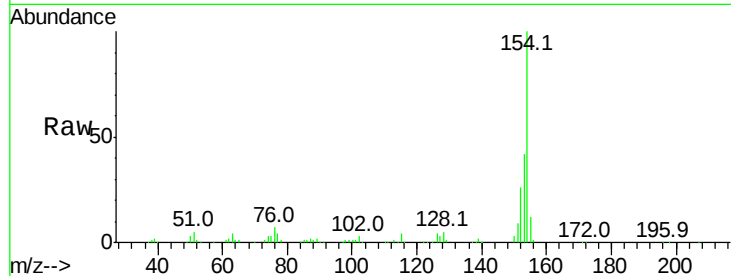
#45
 1,1'-Biphenyl
 Concen: 35.327 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	6.9	0.0	31.9

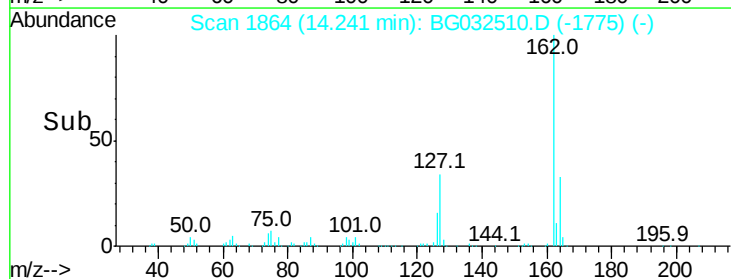
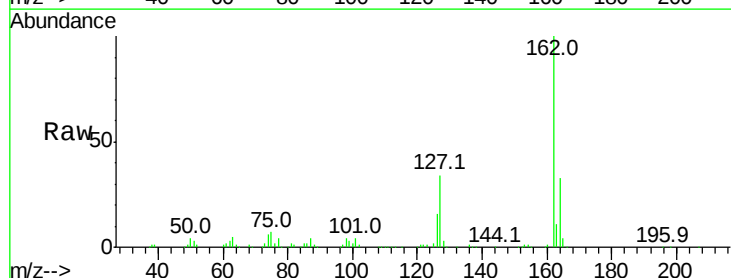
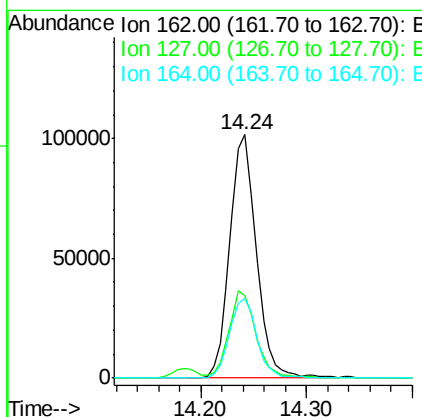
Manual Integrations
 APPROVED

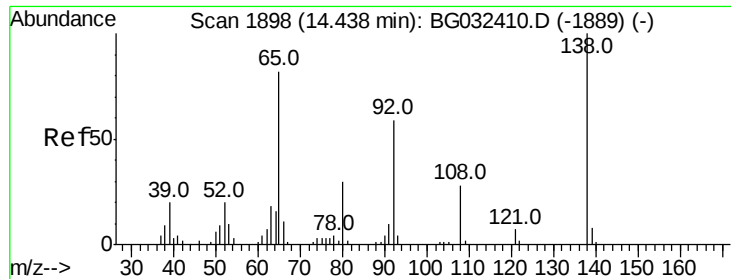
Sohil
 2/5/2018 11:15:03 AM



#46
 2-Chloronaphthalene
 Concen: 34.838 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.7	30.7	46.1
164	32.8	26.0	39.0





#47

2-Nitroaniline

Concen: 36.947 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion: 65 Resp: 41545

Ion Ratio Lower Upper

65 100

92 69.6 54.6 82.0

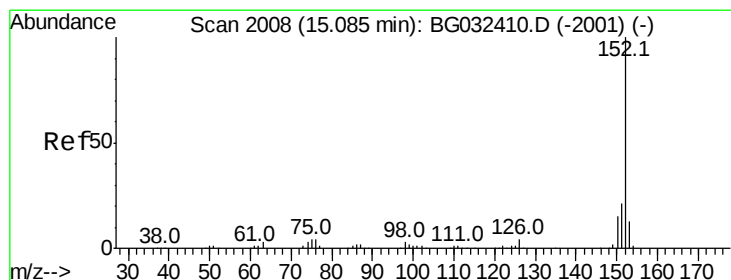
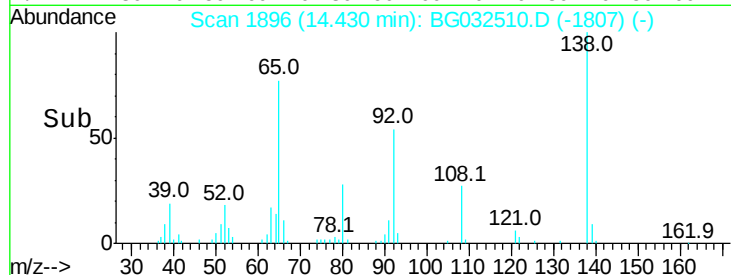
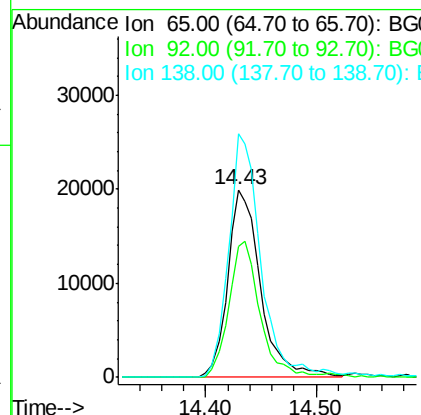
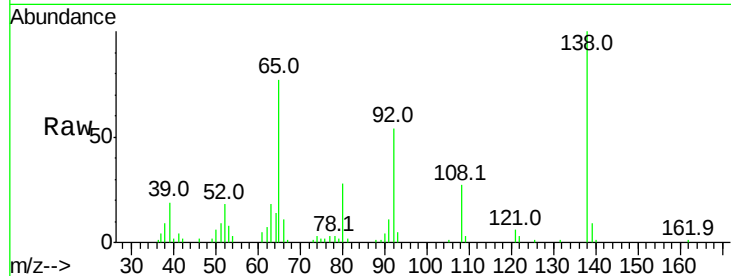
138 130.0 72.9 109.3#

Manual Integrations

APPROVED

Sohil

2/5/2018 11:15:03 AM



#48

Acenaphthylene

Concen: 34.071 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

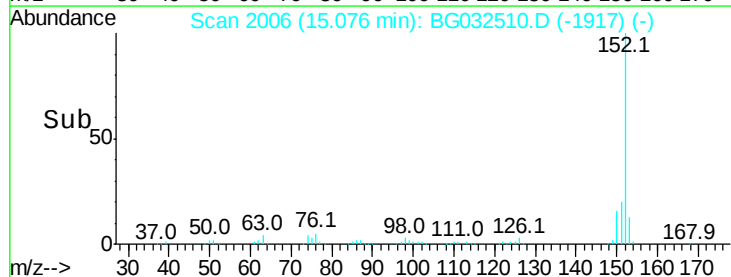
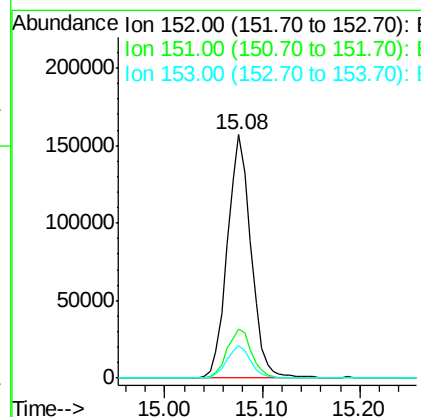
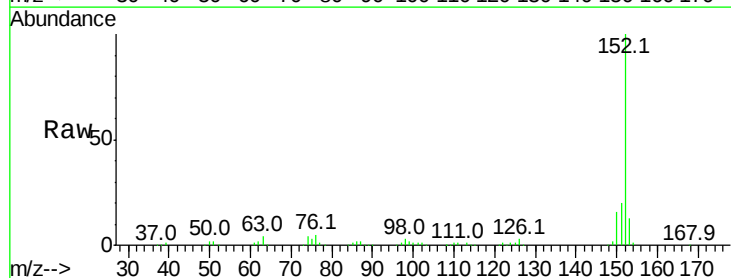
Tgt Ion: 152 Resp: 261905

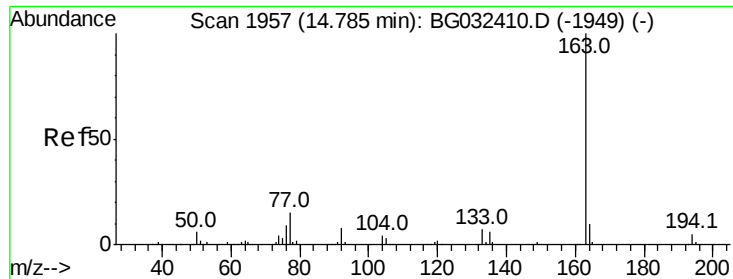
Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

153 13.1 10.2 15.4





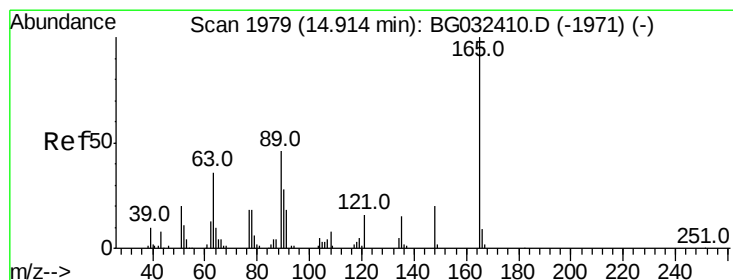
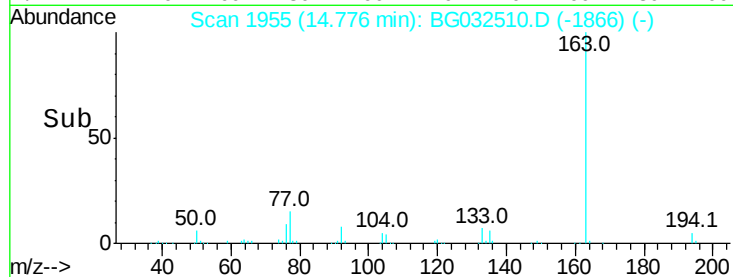
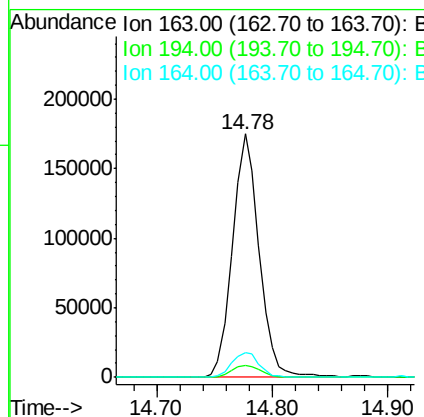
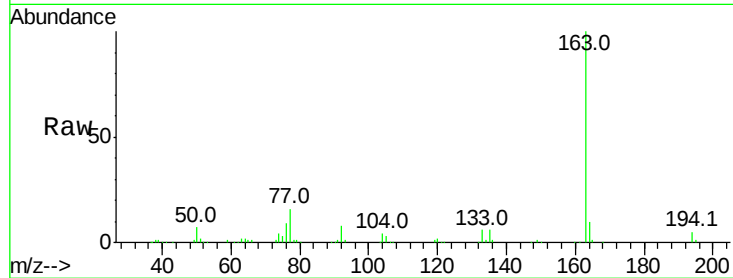
#49
Dimethylphthalate
Concen: 39.499 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	279668		
194	4.9		3.4	5.2
164	10.2		8.2	12.4

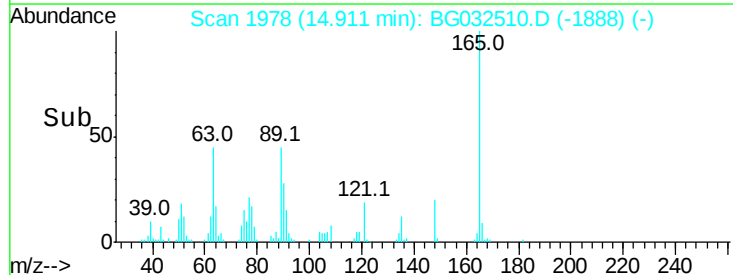
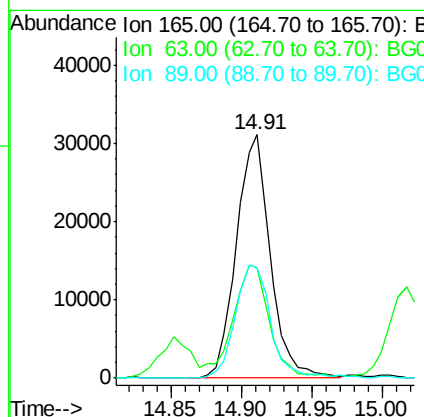
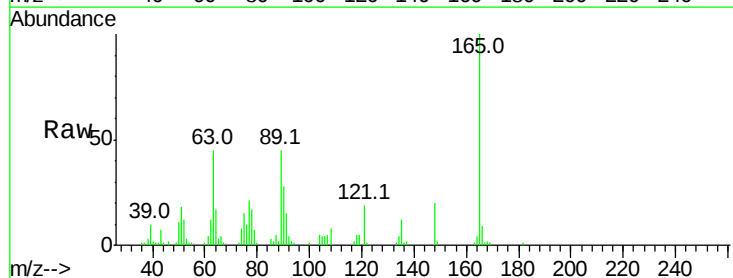
Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#50
2,6-Dinitrotoluene
Concen: 35.045 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52080		
63	45.4		52.7	79.1#
89	45.2		49.2	73.8#





#51

Acenaphthene

Concen: 38.112 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

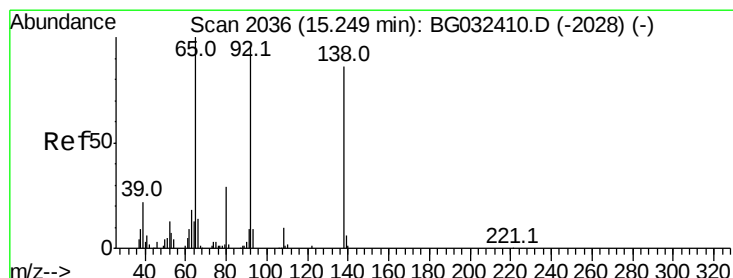
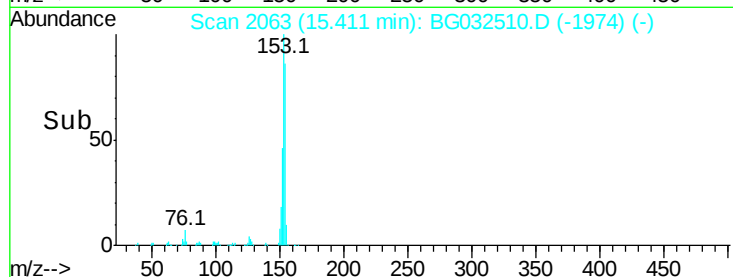
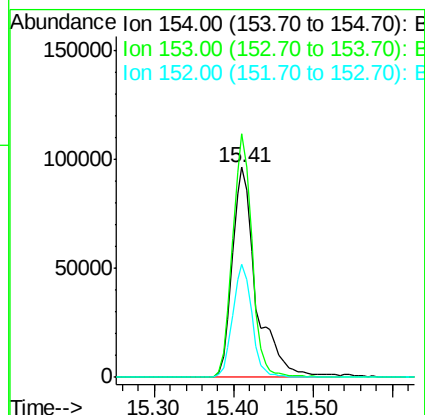
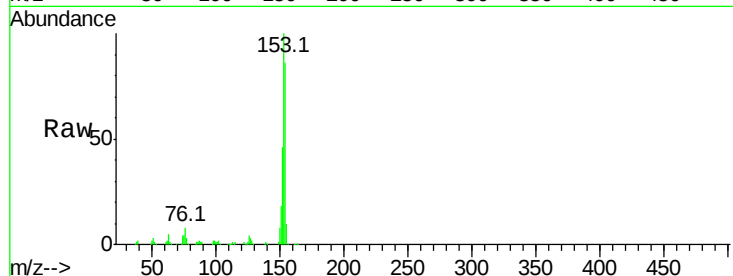
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	154	Resp:	203180
Ion Ratio	Lower	Upper	
154	100		
153	115.8	90.4	135.6
152	53.6	41.6	62.4

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#52

3-Nitroaniline

Concen: 27.889 ng

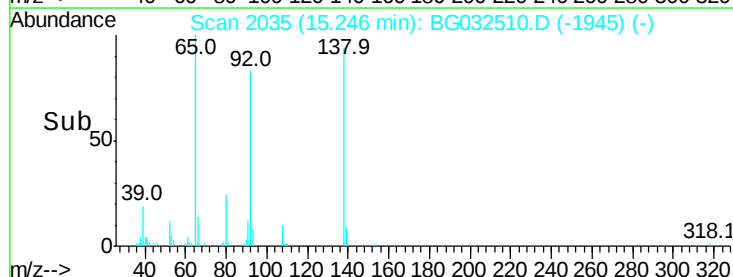
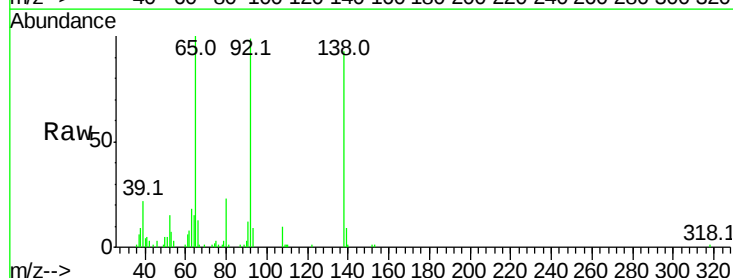
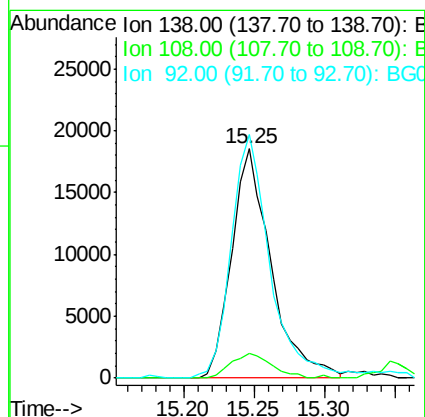
RT: 15.25 min Scan# 2035

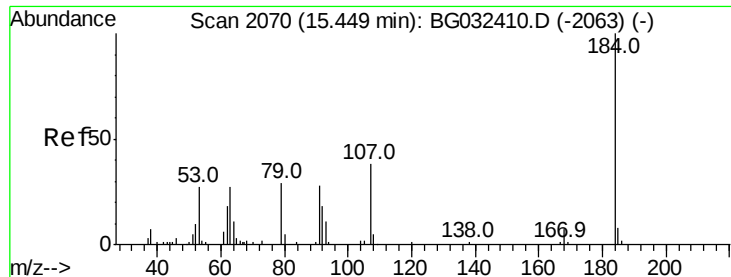
Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	138	Resp:	36201
Ion Ratio	Lower	Upper	
138	100		
108	11.0	17.5	26.3#
92	106.3	105.8	158.8





#53

2,4-Dinitrophenol

Concen: 59.334 ng

RT: 15.45 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:184 Resp: 54003

Ion Ratio Lower Upper

184 100

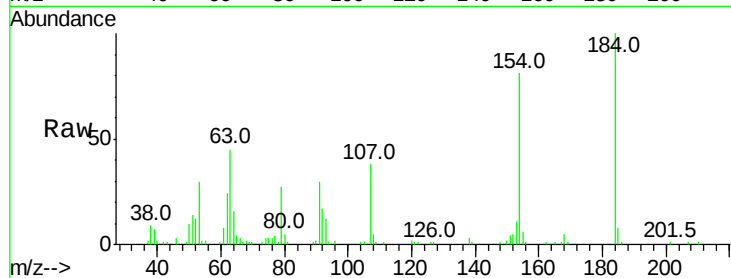
63 44.5 59.8 89.8#

154 81.1 101.8 152.8#

Manual Integrations
APPROVED

Sohil

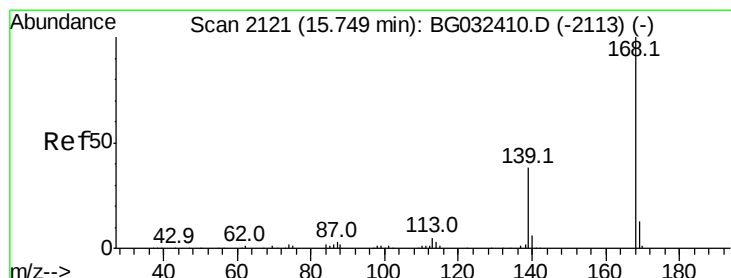
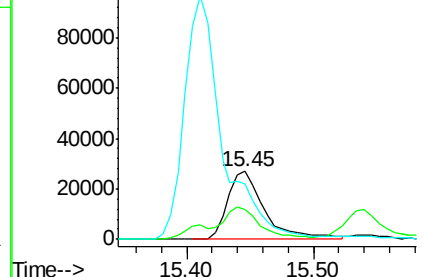
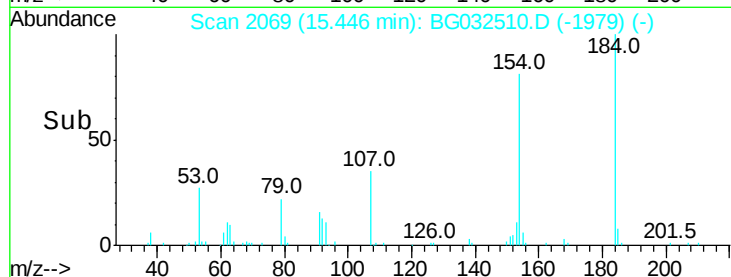
2/5/2018 11:15:03 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.758 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

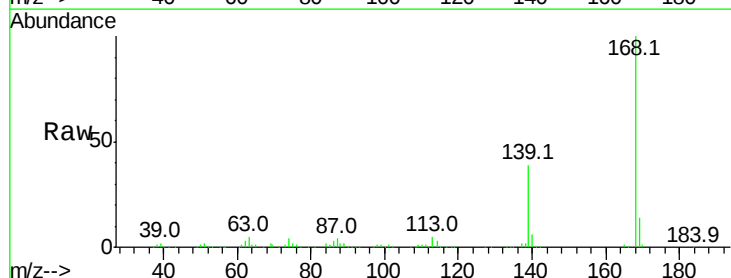
Tgt Ion:168 Resp: 282152

Ion Ratio Lower Upper

168 100

139 39.0 28.6 43.0

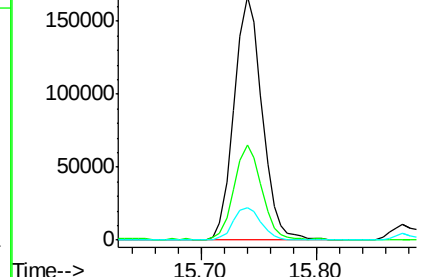
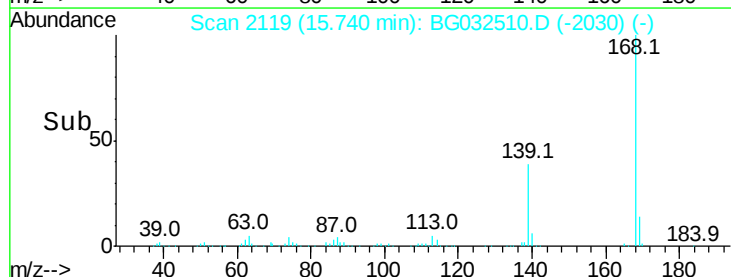
169 13.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





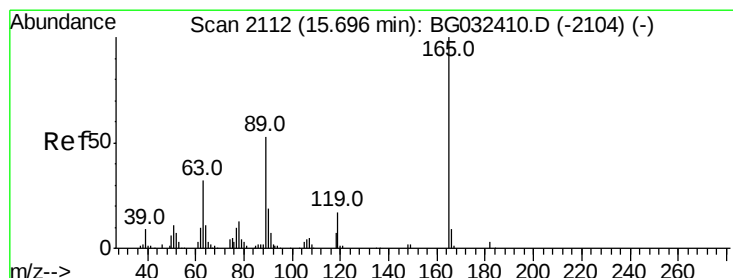
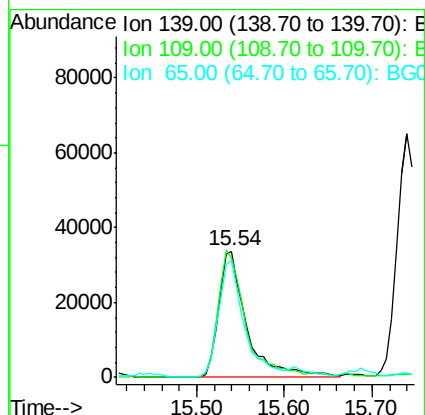
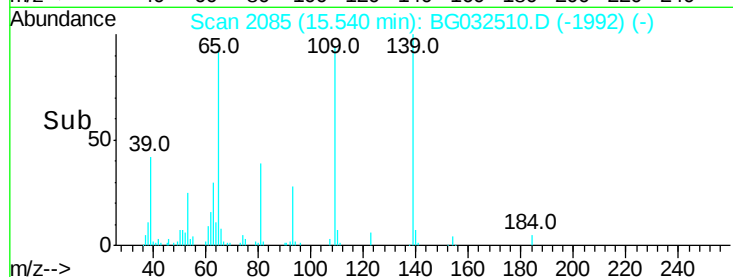
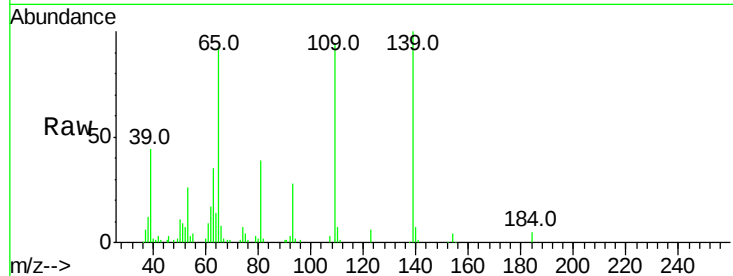
#55
4-Nitrophenol
Concen: 77.390 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	94.2	62.2	102.2
65	92.5	97.2	137.2#

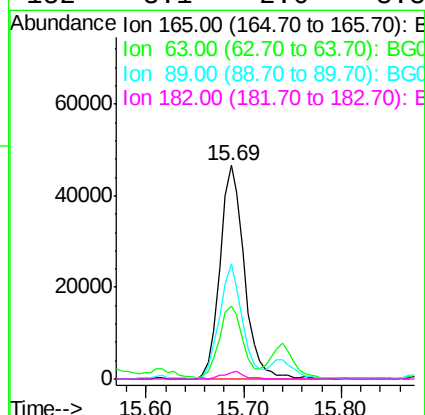
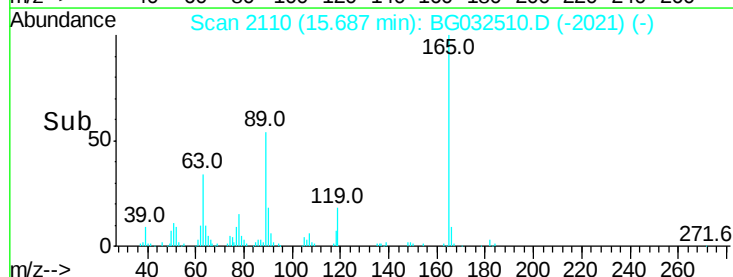
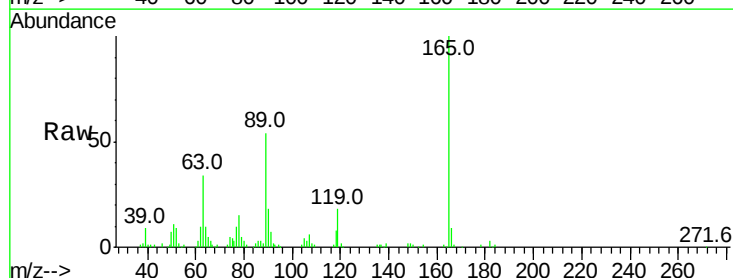
Manual Integrations
APPROVED

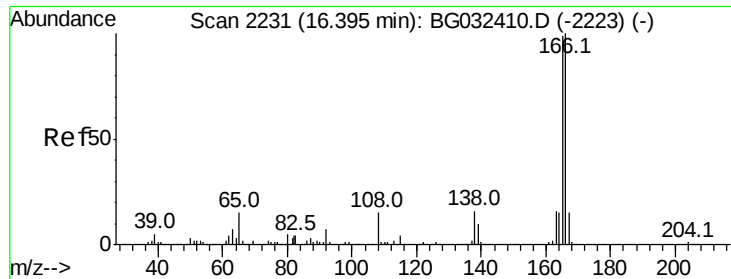
Sohil
2/5/2018 11:15:03 AM



#56
2,4-Dinitrotoluene
Concen: 38.070 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.1	42.0	63.0#
89	54.2	66.9	100.3#
182	3.1	2.6	3.8





#57

Fluorene

Concen: 35.679 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

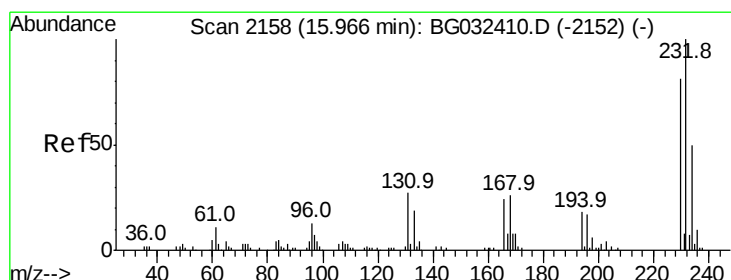
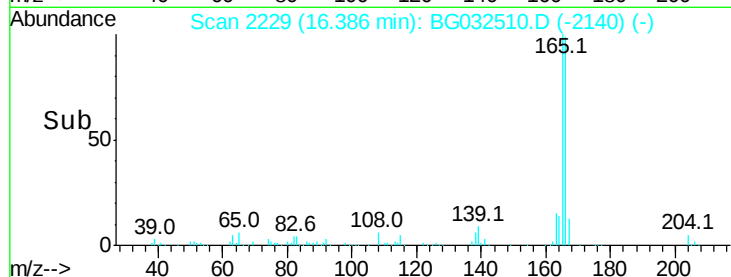
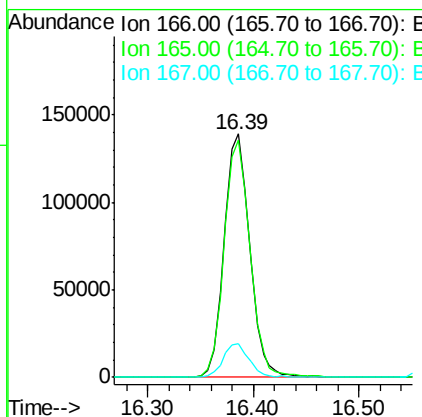
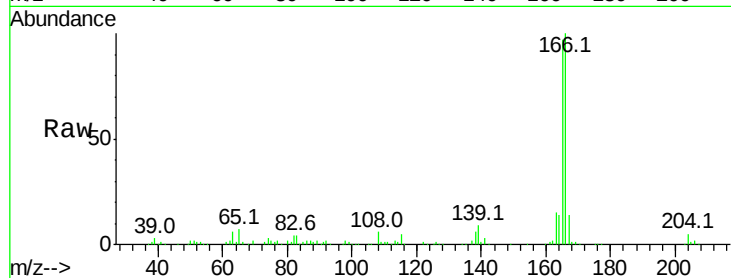
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	166	Resp:	233938
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.6	121.0
167	13.8	10.4	15.6

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.088 ng

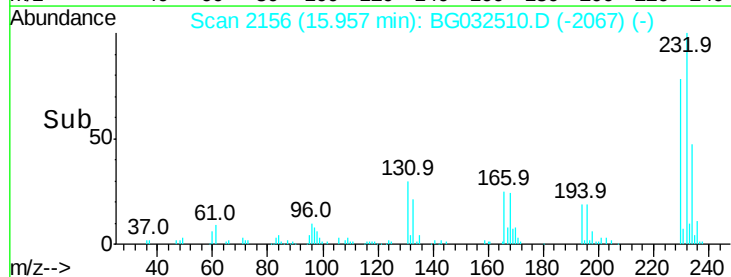
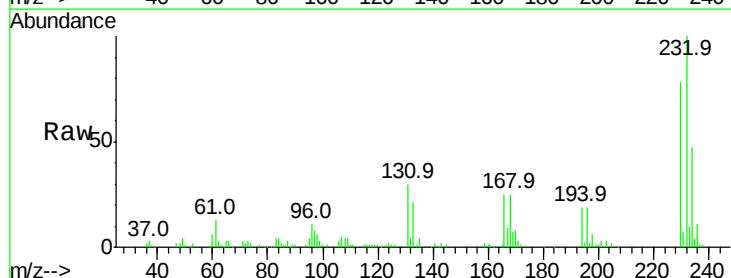
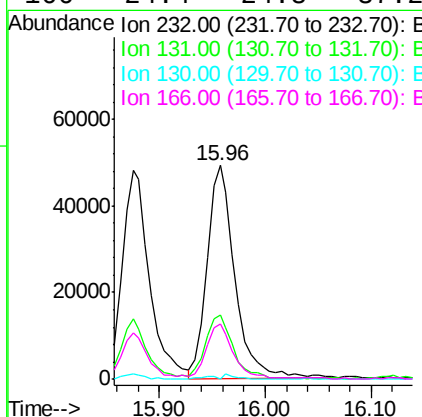
RT: 15.96 min Scan# 2156

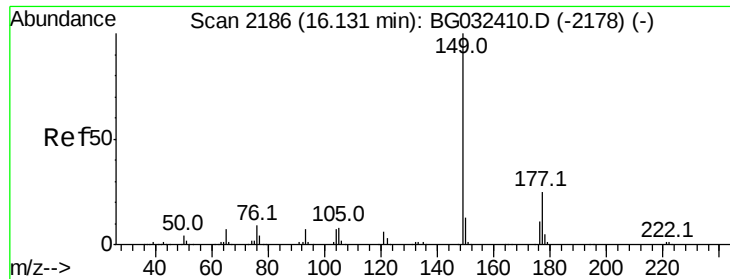
Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	232	Resp:	90063
Ion Ratio	Lower	Upper	
232	100		
131	31.1	33.5	50.3#
130	0.9	2.2	3.2#
166	24.4	24.8	37.2#





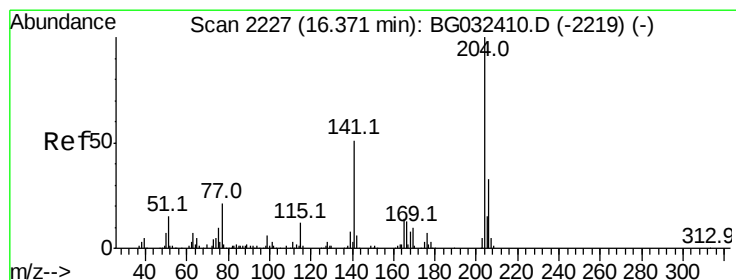
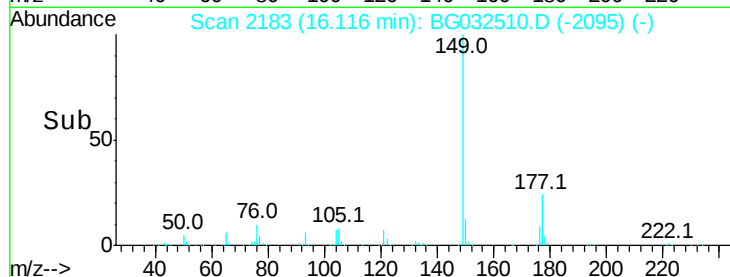
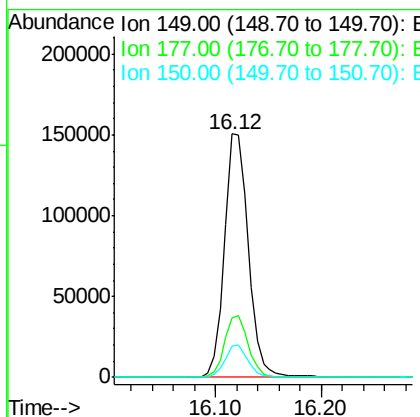
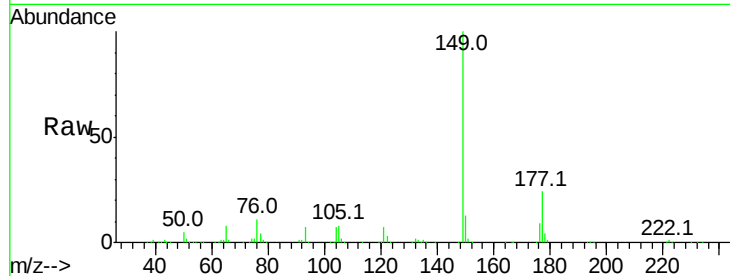
#59
Diethylphthalate
Concen: 34.117 ng
RT: 16.12 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	12.8	10.2	15.2

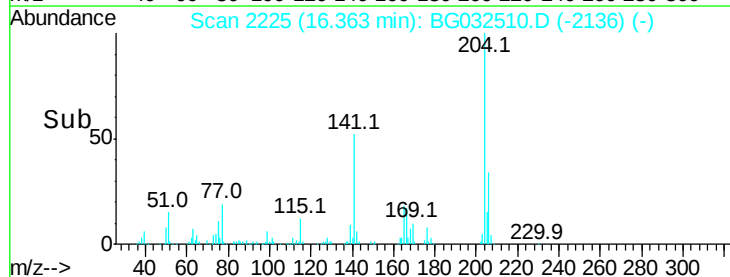
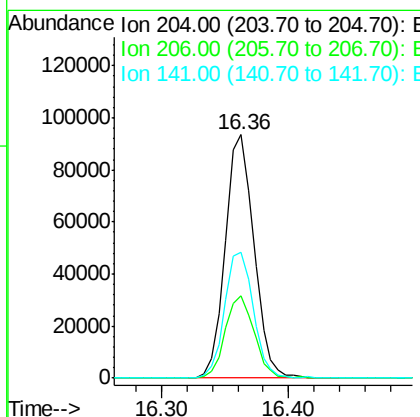
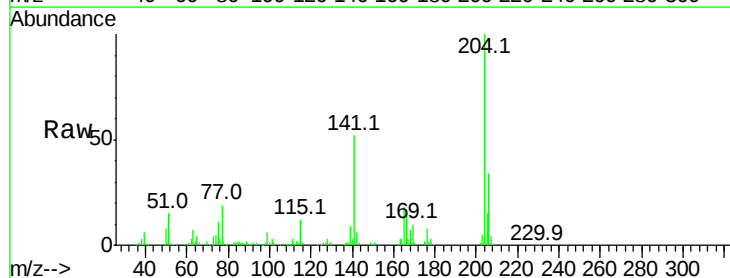
Manual Integrations
APPROVED

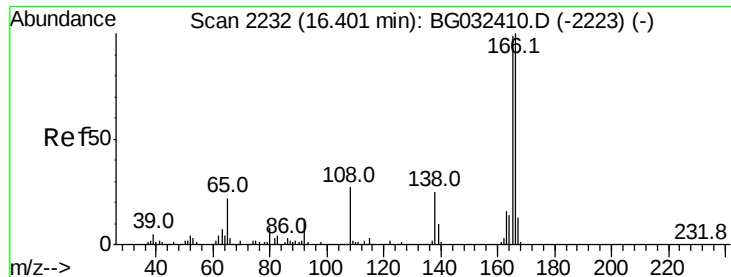
Sohil
2/5/2018 11:15:03 AM



#60
4-Chlorophenyl-phenylether
Concen: 35.367 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	51.8	45.8	68.6





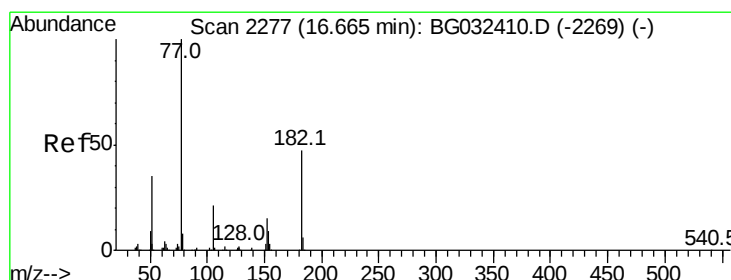
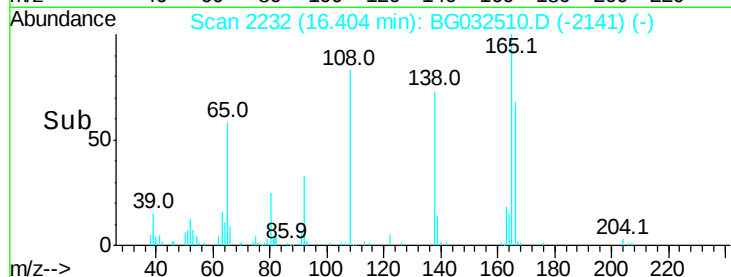
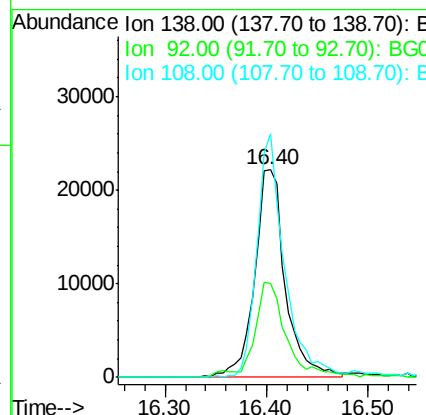
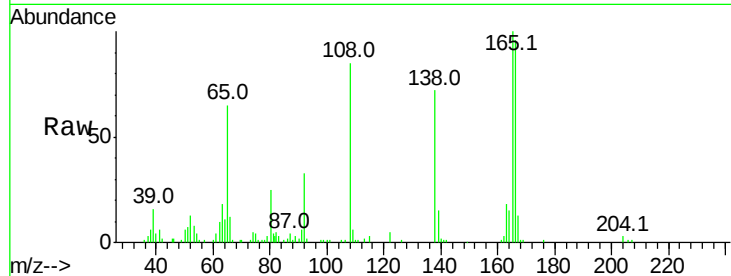
#61
4-Nitroaniline
Concen: 33.534 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	40.1	80.1
108	117.5	65.4	105.4#

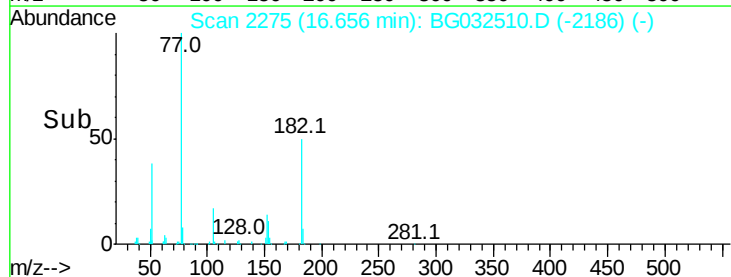
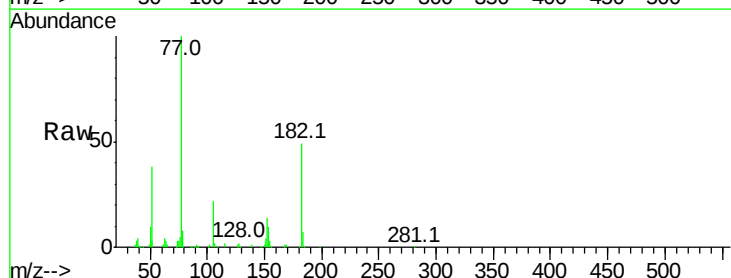
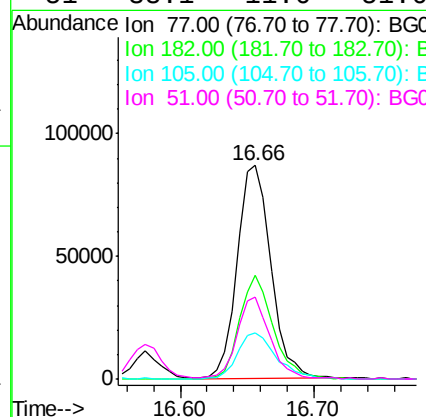
Manual Integrations
APPROVED

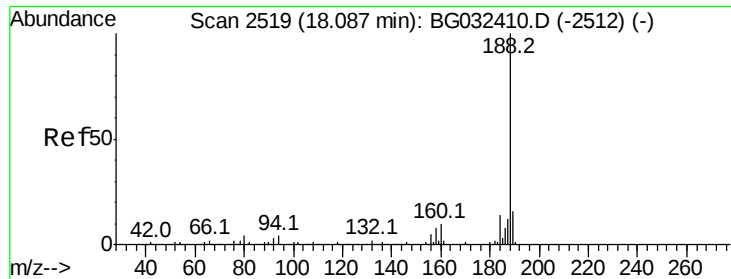
Sohil
2/5/2018 11:15:03 AM



#62
Azobenzene
Concen: 36.904 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	48.8	7.4	47.4#
105	21.7	0.3	40.3
51	38.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

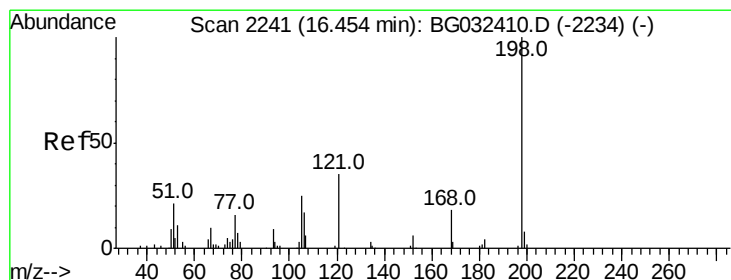
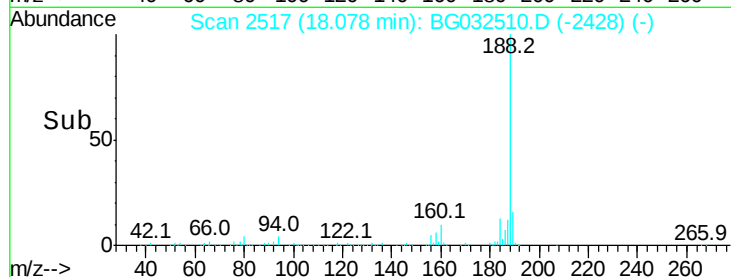
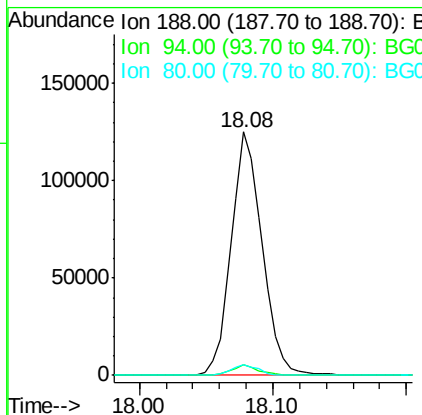
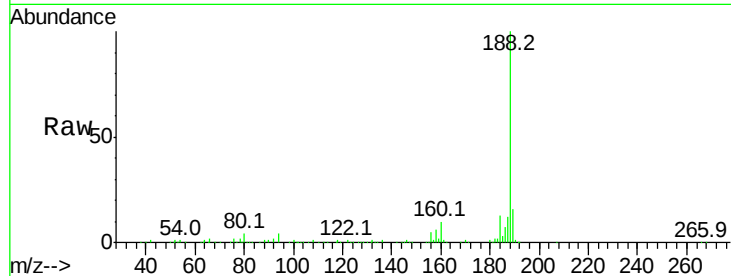
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:188	Resp:	201767
Ion Ratio	Lower	Upper
188	100	
94	4.3	6.9 10.3#
80	4.2	7.7 11.5#

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 31.619 ng

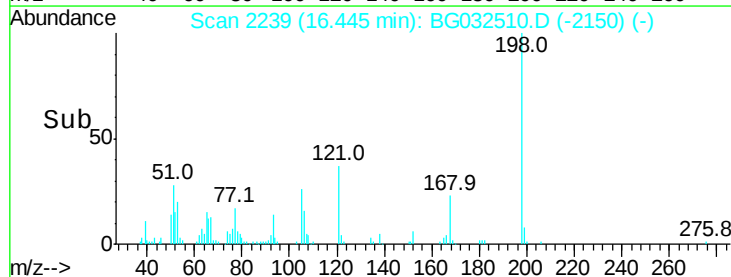
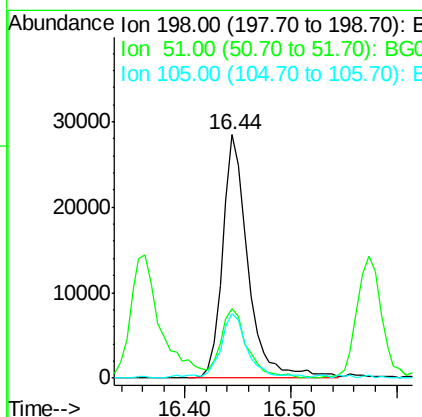
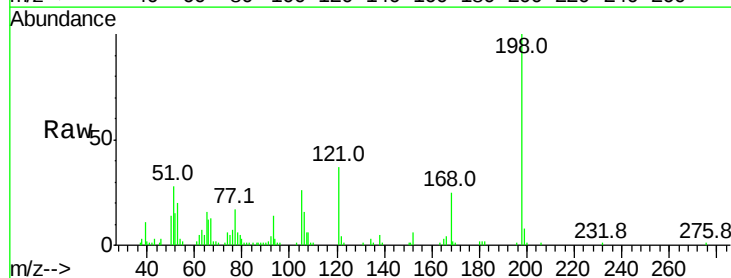
RT: 16.44 min Scan# 2239

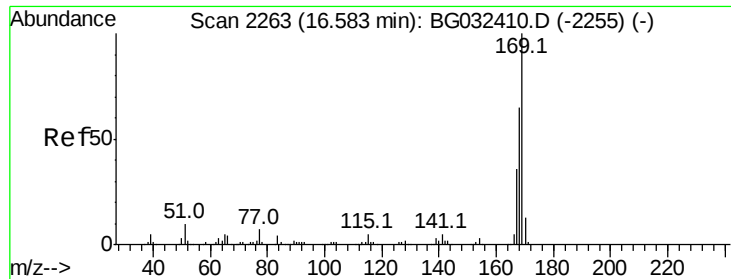
Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:198	Resp:	47660
Ion Ratio	Lower	Upper
198	100	
51	28.5	30.6 70.6#
105	26.2	23.8 63.8





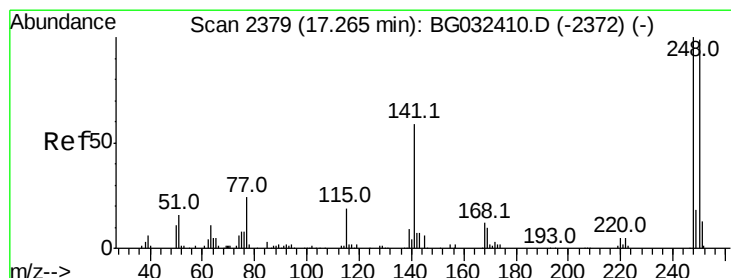
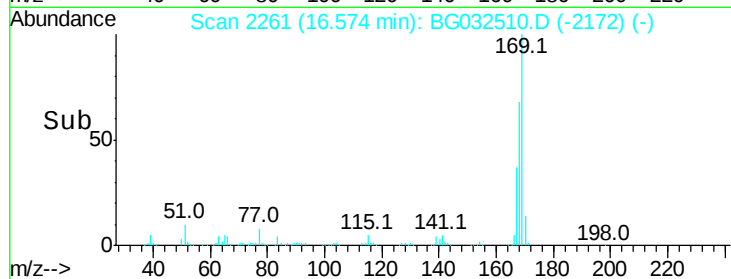
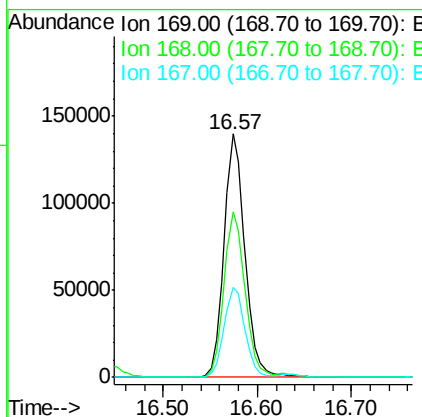
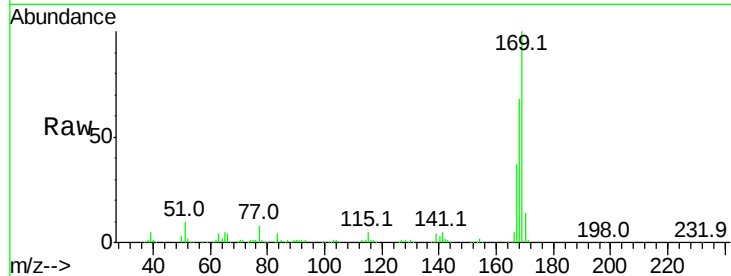
#65
n-Nitrosodiphenylamine
Concen: 35.974 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	216617		
168	67.8		55.7	83.5
167	36.8		30.1	45.1

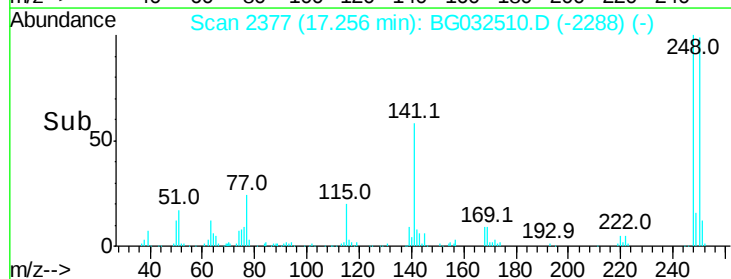
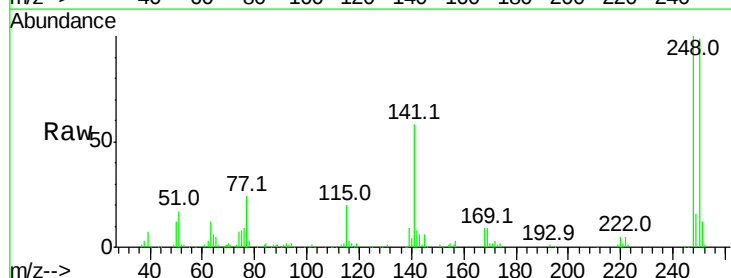
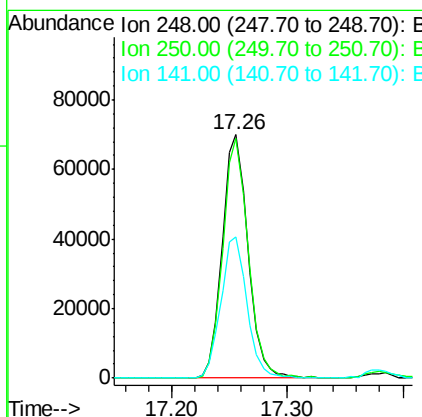
Manual Integrations
APPROVED

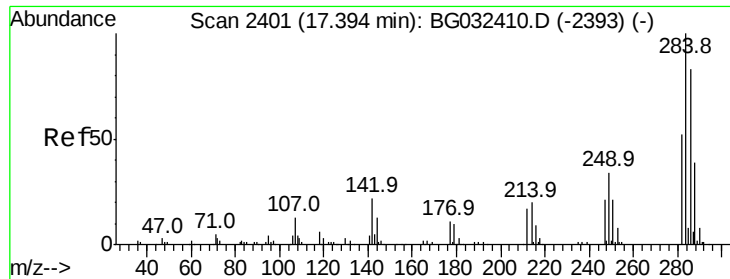
Sohil
2/5/2018 11:15:03 AM



#66
4-Bromophenyl-phenylether
Concen: 36.262 ng
RT: 17.26 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	108394		
250	98.5		77.1	115.7
141	58.0		50.8	76.2





#67

Hexachlorobenzene

Concen: 34.900 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

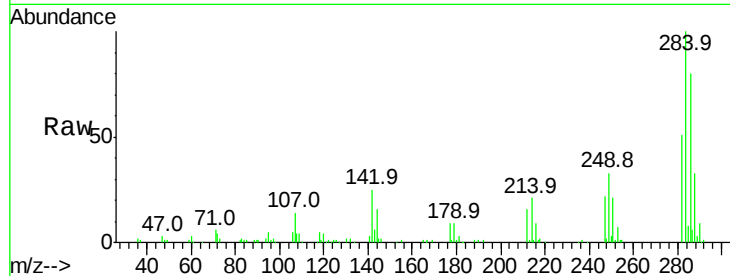
EPE-125-7A(0-5)MSD

Tot Ion:284 Resp: 115447
Ion Ratio Lower Upper

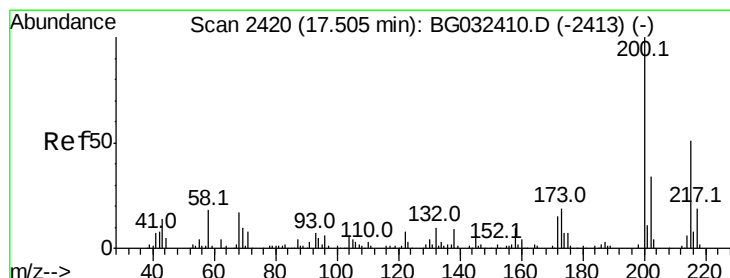
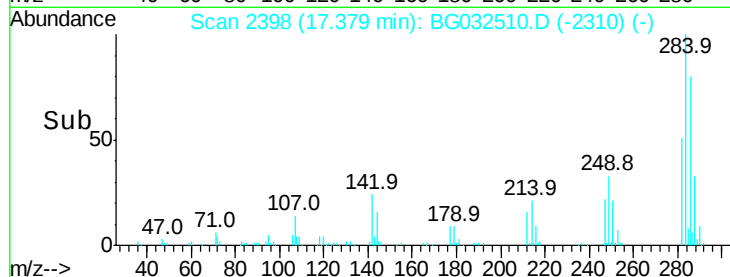
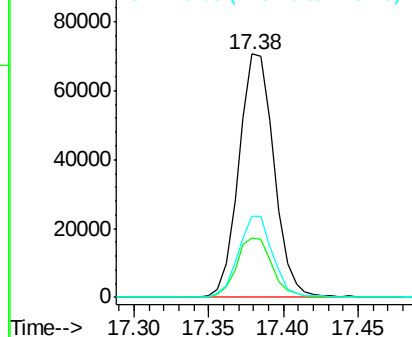
284	100		
142	24.5	26.8	40.2#
249	33.5	26.3	39.5

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



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: 40.047 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

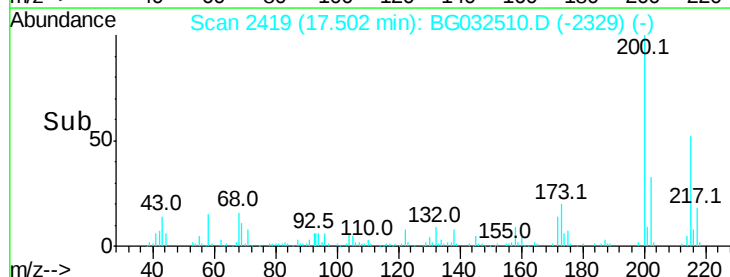
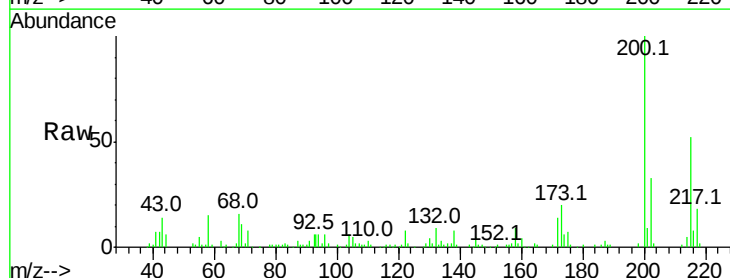
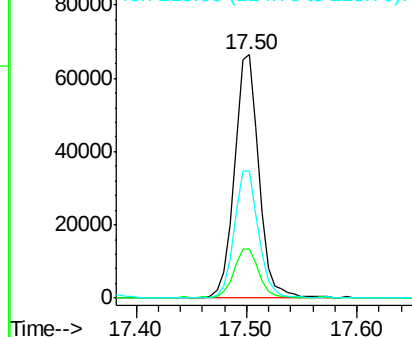
Lab File: BG032510.D

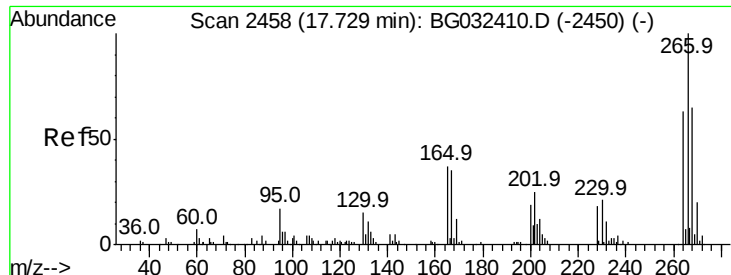
Acq: 2 Feb 2018 13:52

Tgt Ion:200 Resp: 103516
Ion Ratio Lower Upper

200	100		
173	20.4	5.2	45.2
215	52.1	30.4	70.4

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





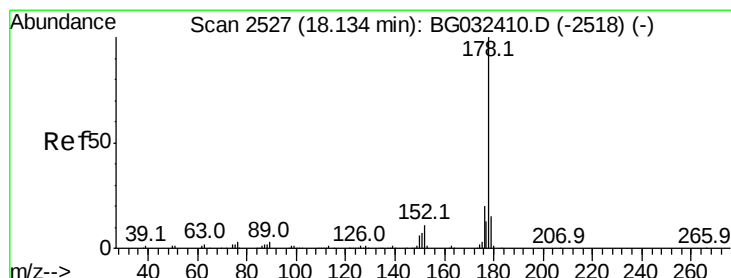
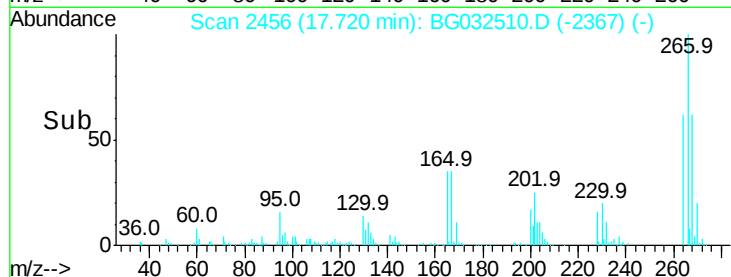
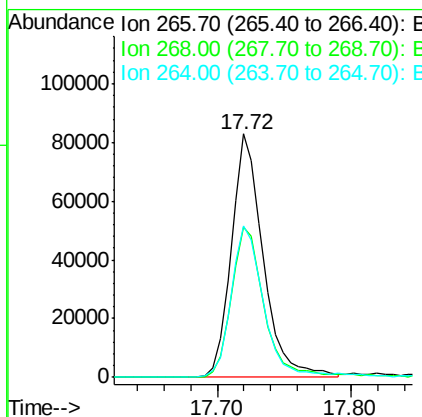
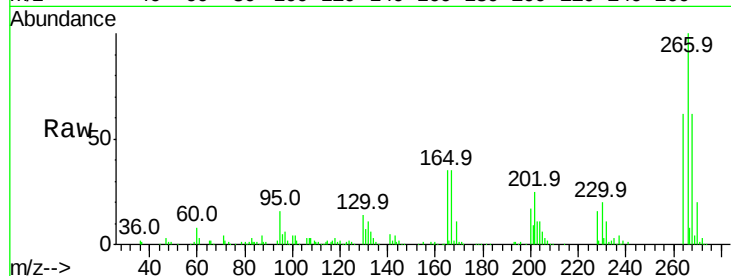
#69
 Pentachlorophenol
 Concen: 66.188 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.8	51.1	76.7	
264	62.3	49.6	74.4	

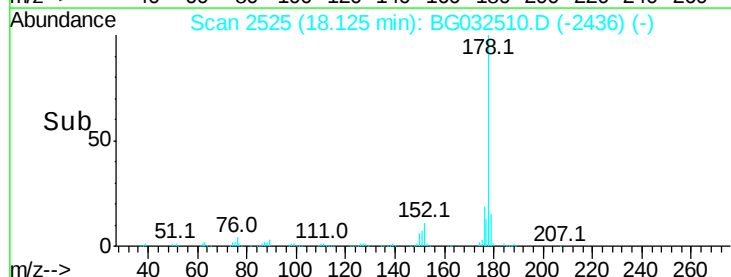
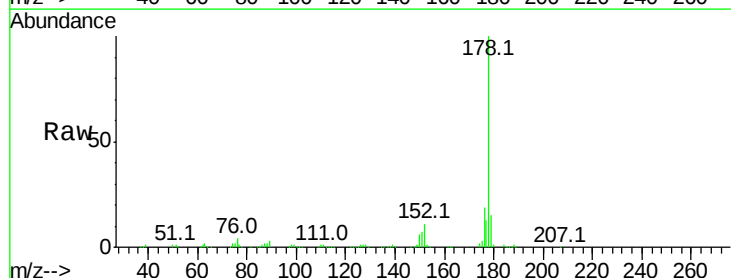
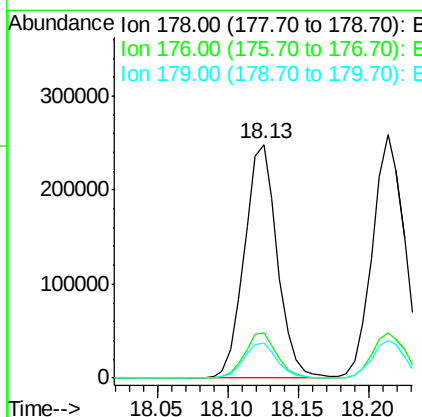
Manual Integrations
 APPROVED

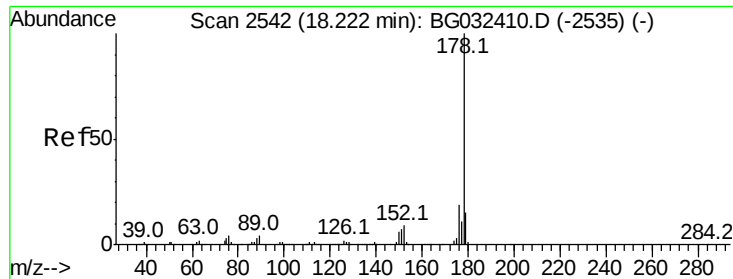
Sohil
 2/5/2018 11:15:03 AM



#70
 Phenanthrene
 Concen: 36.130 ng
 RT: 18.13 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.3	15.7	23.5	
179	15.2	12.5	18.7	





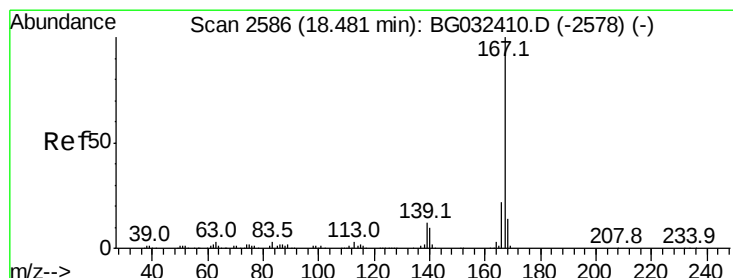
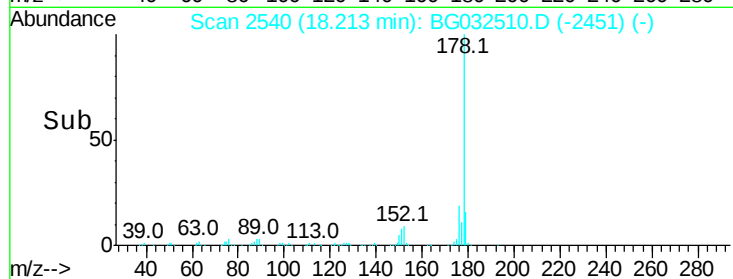
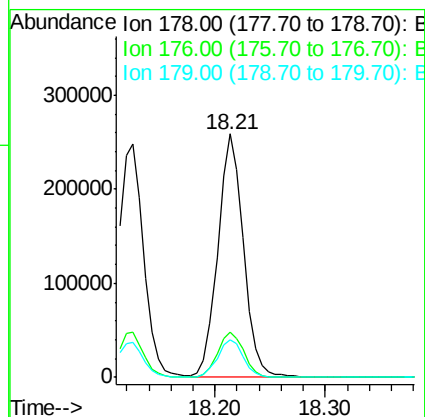
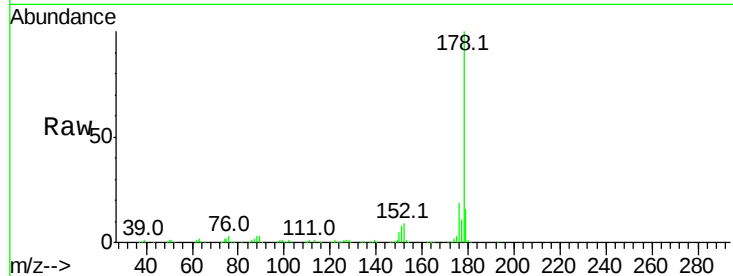
#71
 Anthracene
 Concen: 36.933 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.5	12.5	18.7

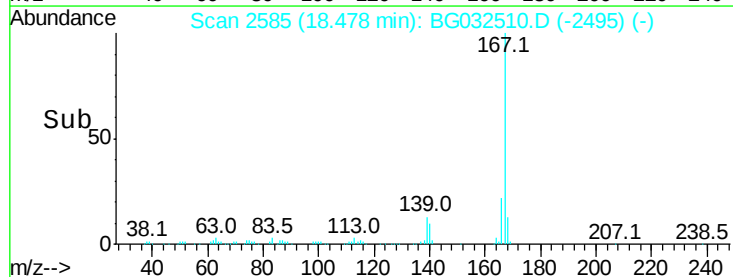
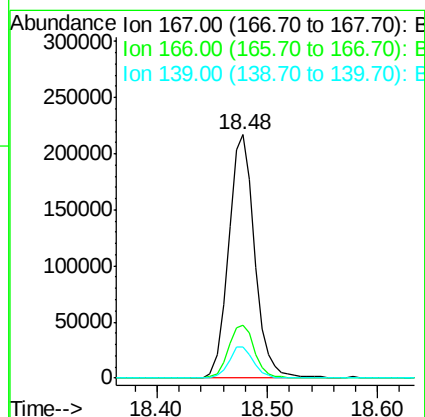
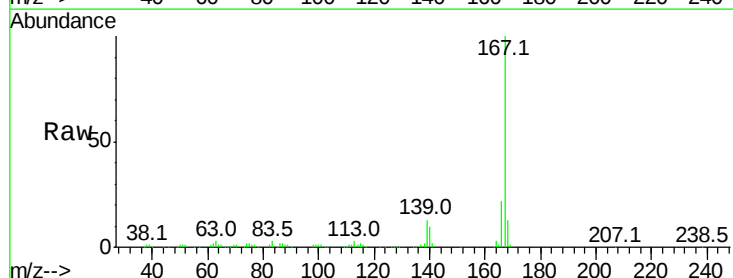
Manual Integrations
 APPROVED

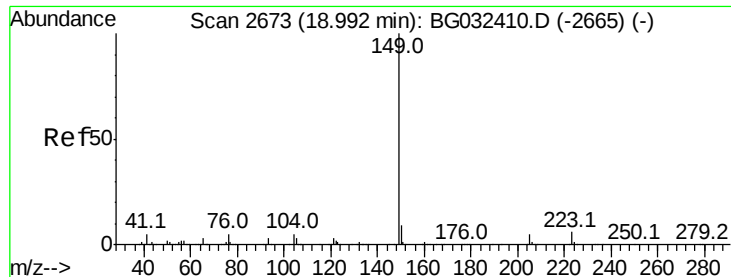
Sohil
 2/5/2018 11:15:03 AM



#72
 Carbazole
 Concen: 36.264 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 36.897 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

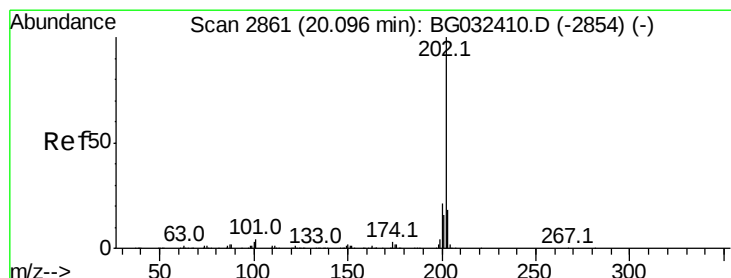
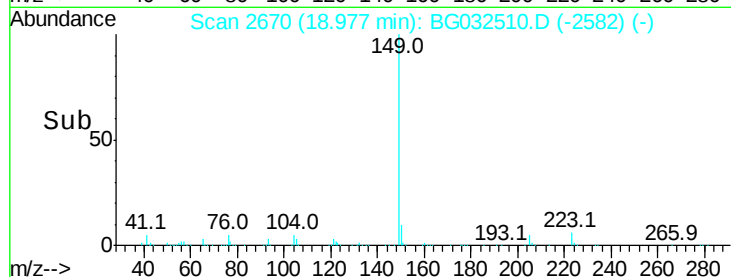
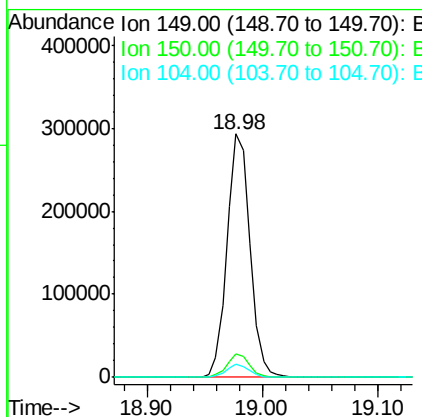
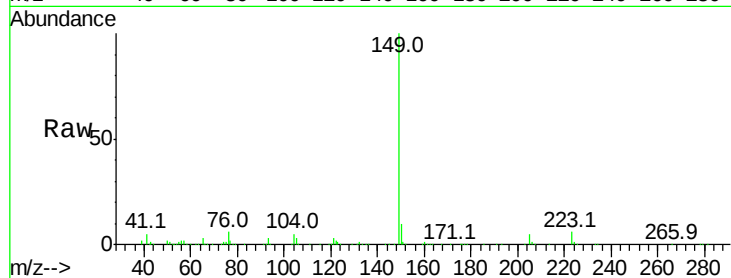
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	149	Resp:	404388
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.5	3.9	5.9

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#74

Fluoranthene

Concen: 36.401 ng

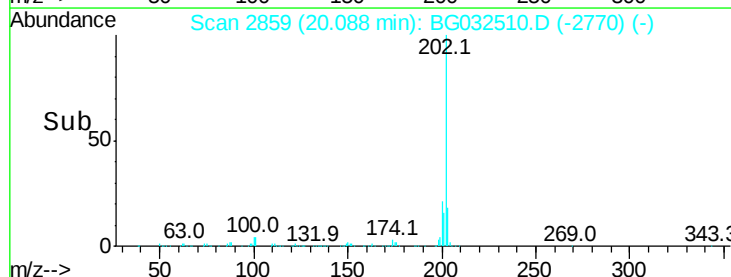
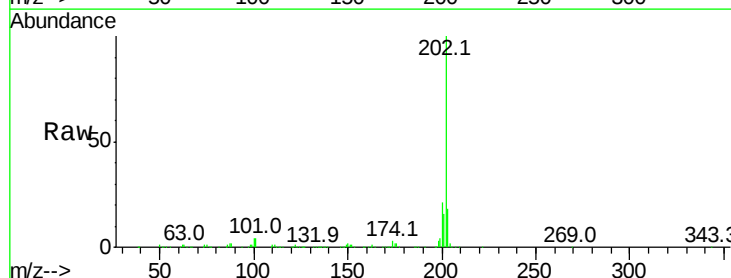
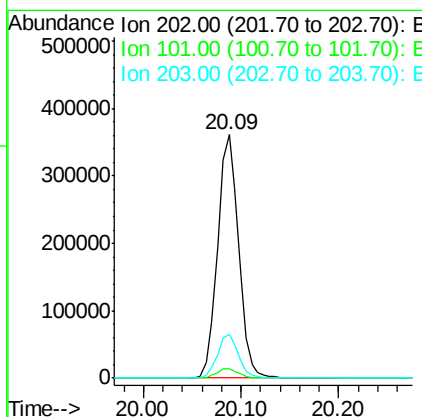
RT: 20.09 min Scan# 2859

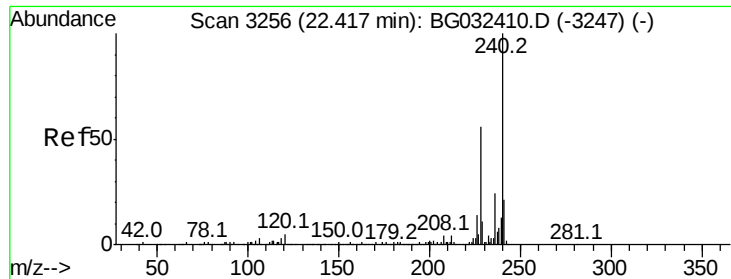
Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	202	Resp:	537131
Ion Ratio	Lower	Upper	
202	100		
101	4.0	0.0	28.9
203	17.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

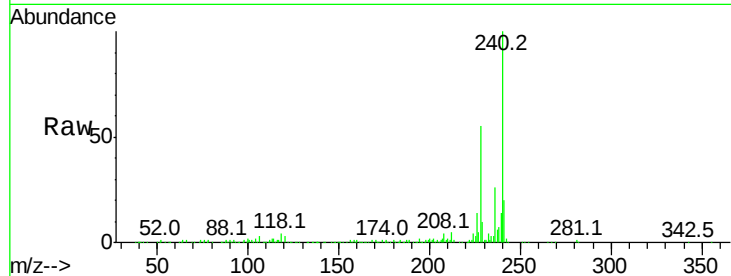
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.4	6.8	10.2#
236	26.4	20.9	31.3

Manual Integrations
APPROVED

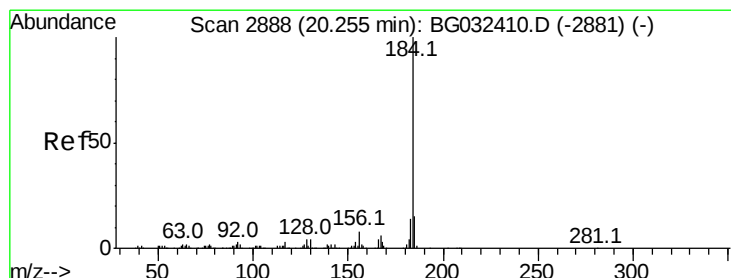
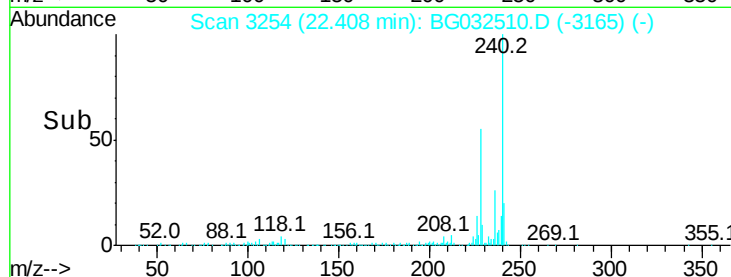
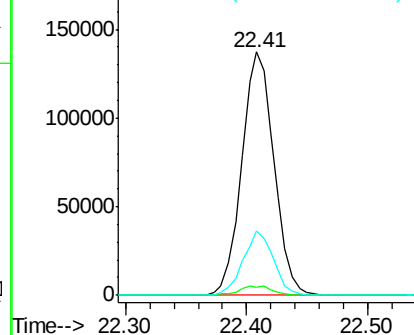
Sohil
2/5/2018 11:15:03 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.676 ng

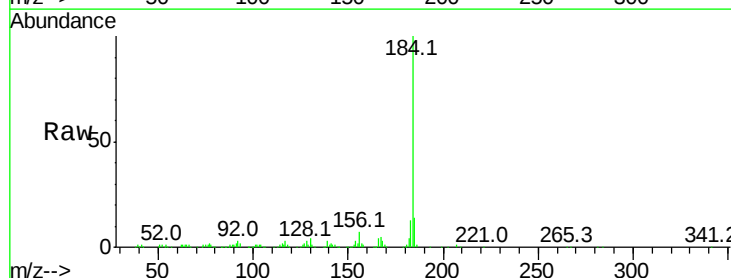
RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

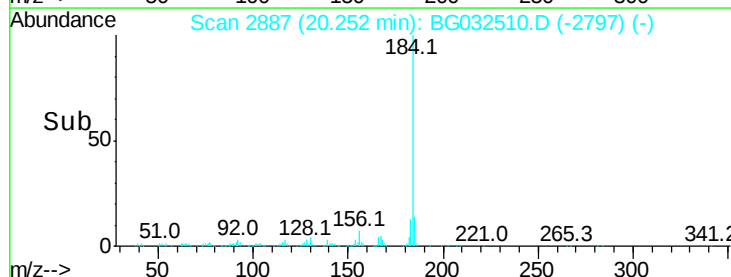
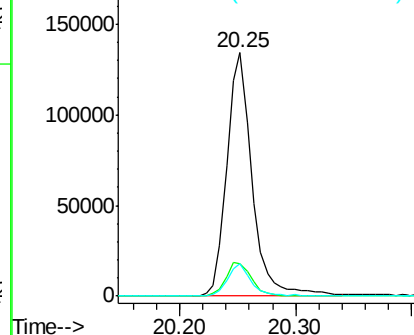
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.1	16.7
183	13.4	10.6	16.0

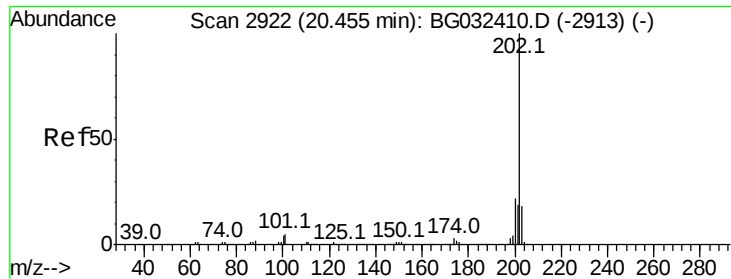


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





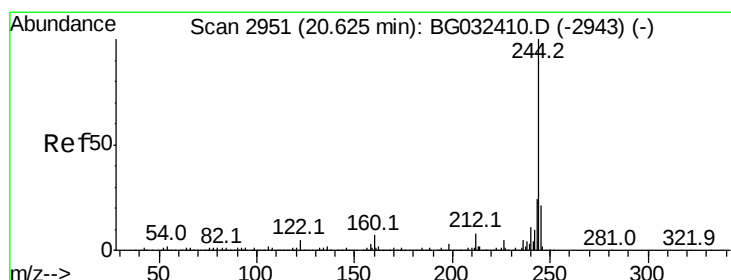
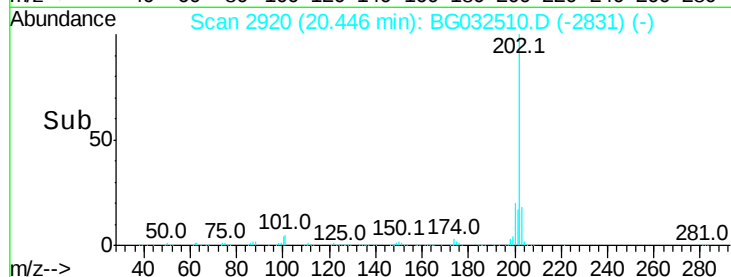
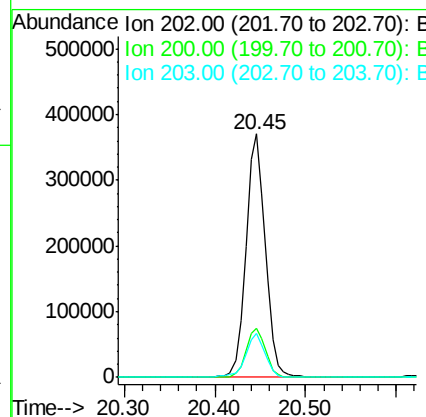
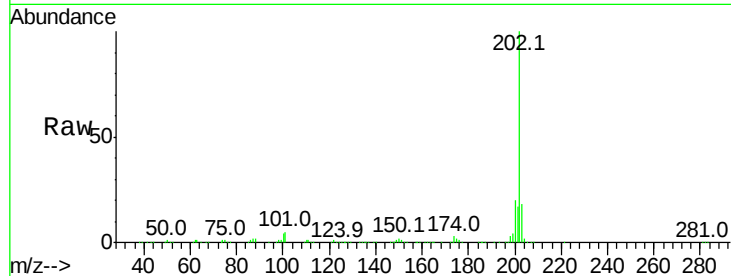
#77
Pvrene
Concen: 34.987 ng
RT: 20.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.9	25.3
203	18.3	13.9	20.9

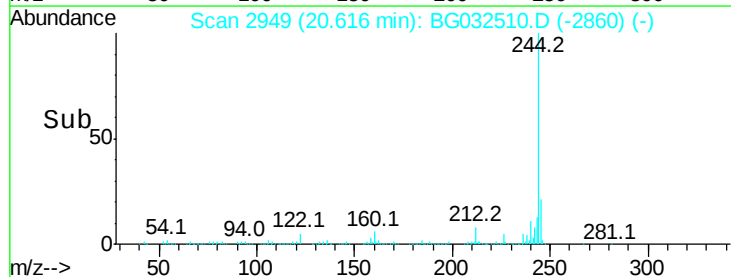
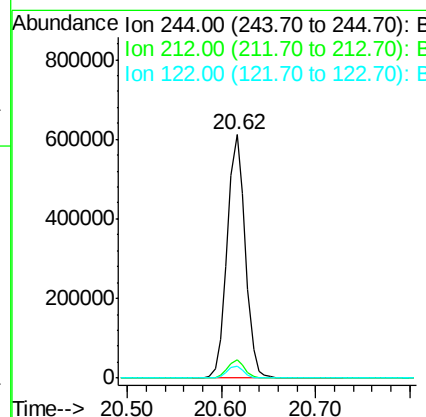
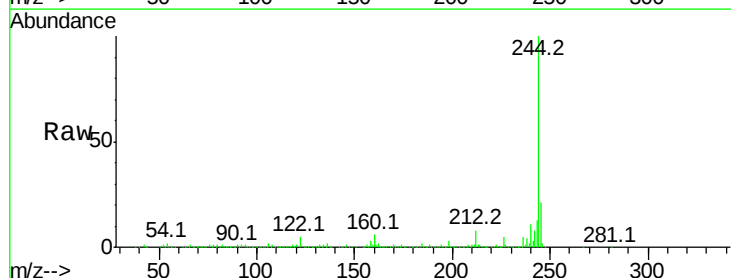
Manual Integrations
APPROVED

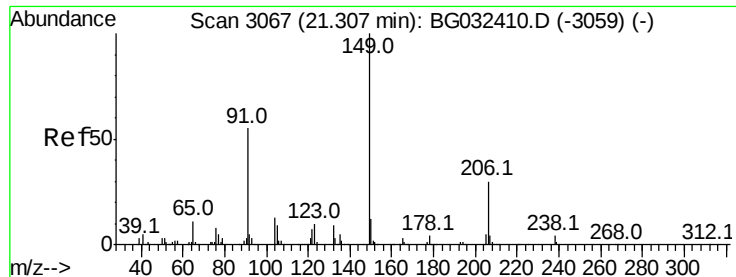
Sohil
2/5/2018 11:15:03 AM



#78
Terphenyl-d14
Concen: 68.830 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.1	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 37.538 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:149 Resp: 185097
Ion Ratio Lower Upper

149 100

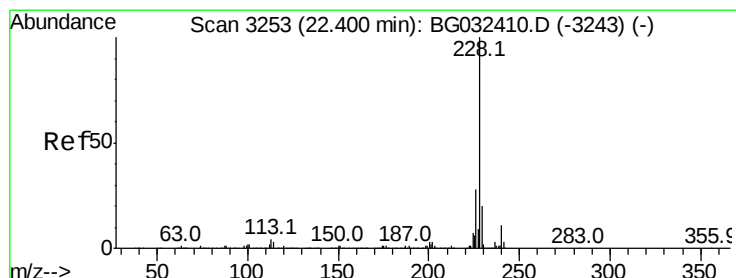
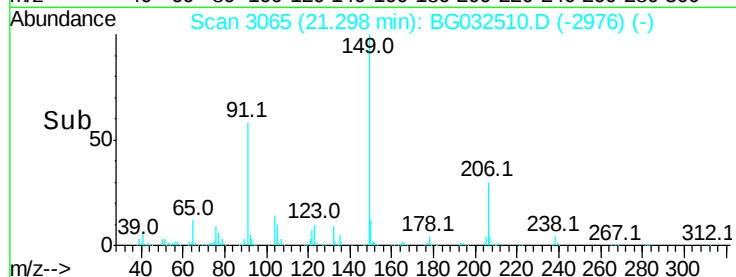
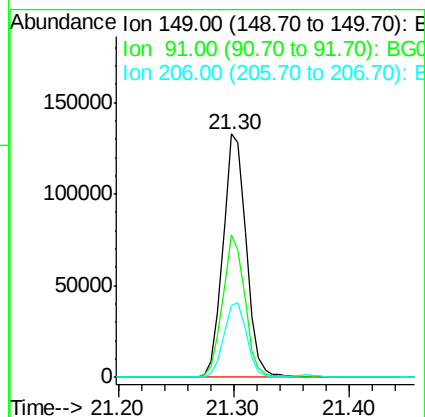
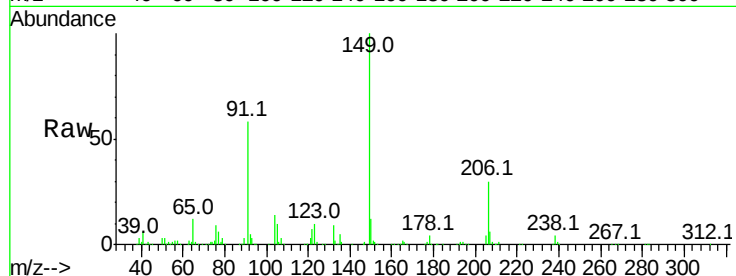
91 58.5 62.2 93.2#

206 29.6 18.6 27.8#

Manual Integrations
APPROVED

Sohil

2/5/2018 11:15:03 AM



#80

Benzo(a)anthracene

Concen: 37.003 ng

RT: 22.38 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BG032510.D

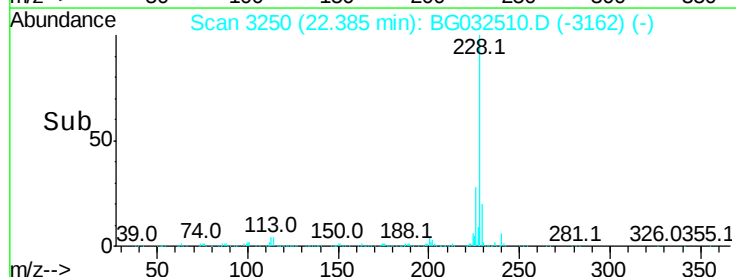
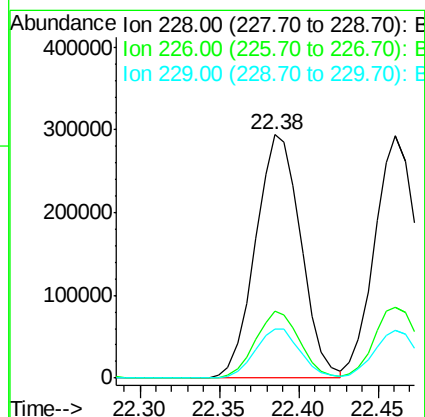
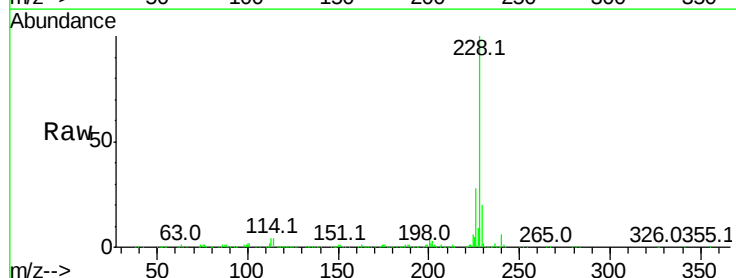
Acq: 2 Feb 2018 13:52

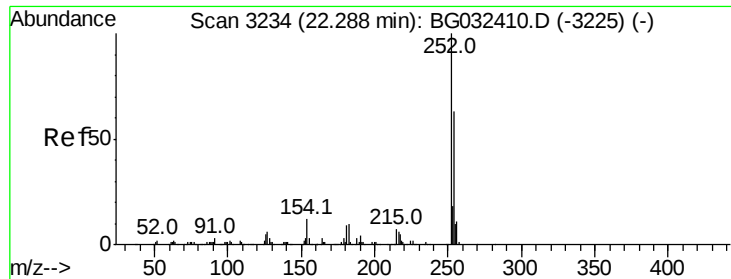
Tgt Ion:228 Resp: 584690
Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

229 20.2 16.2 24.2





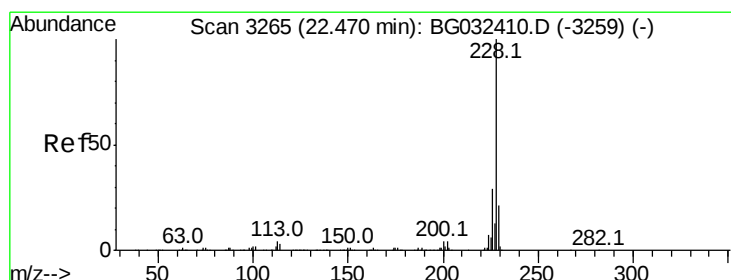
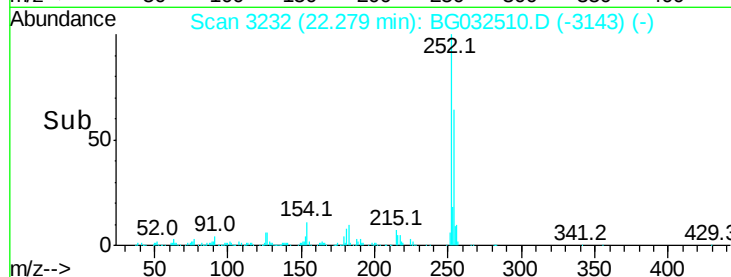
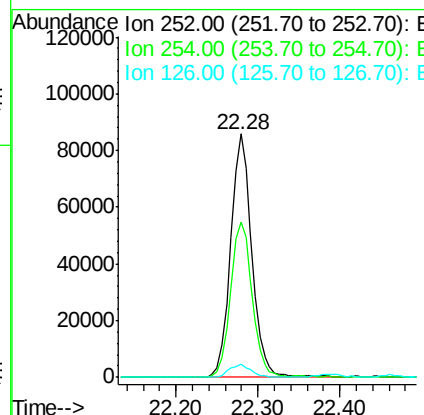
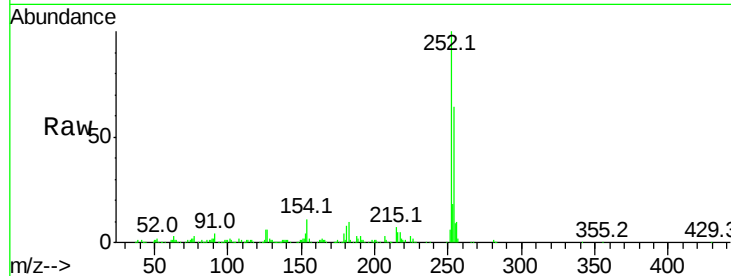
#81
 3,3'-Dichlorobenzidine
 Concen: 25.312 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	5.5	7.4	11.2

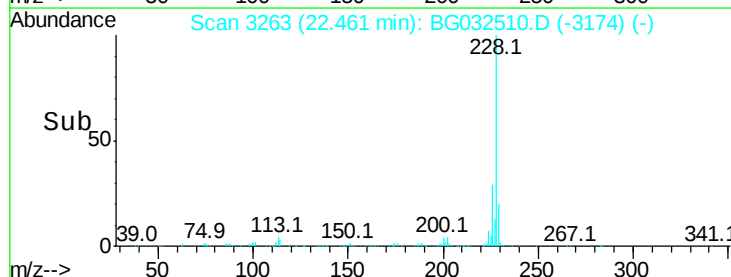
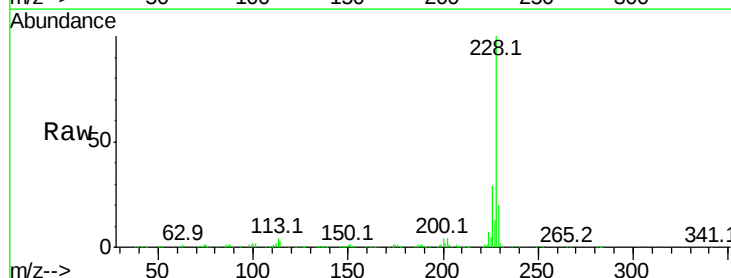
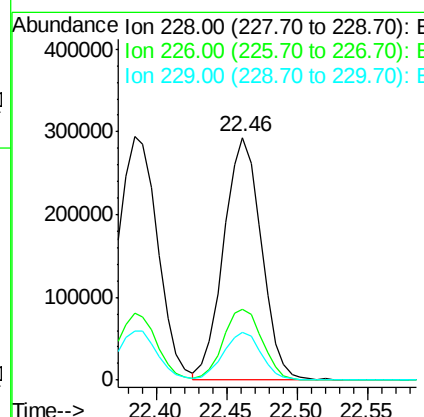
Manual Integrations
 APPROVED

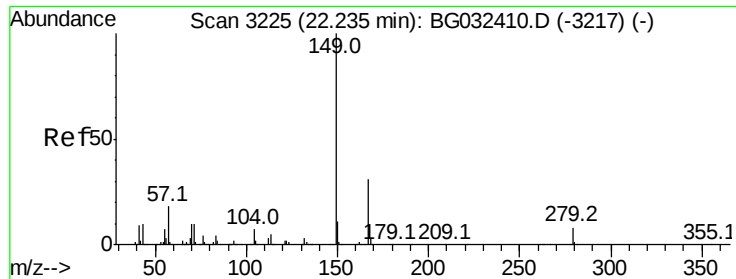
Sohil
 2/5/2018 11:15:03 AM



#82
 Chrysene
 Concen: 35.467 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	19.8	15.0	22.4





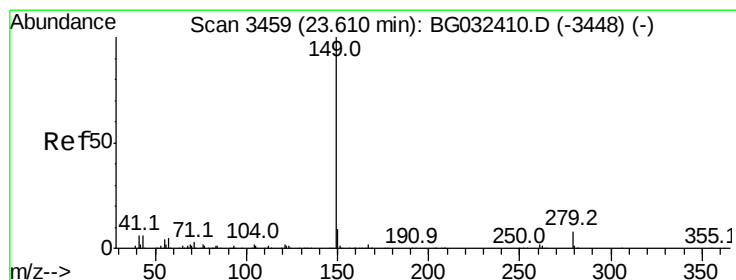
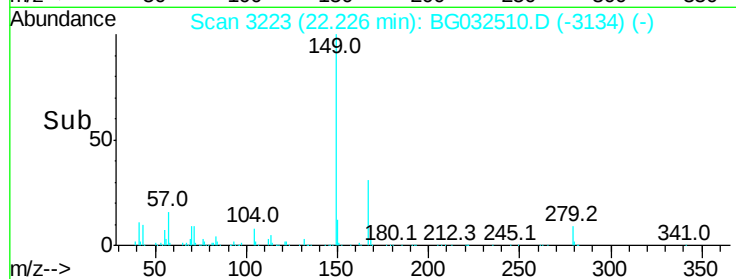
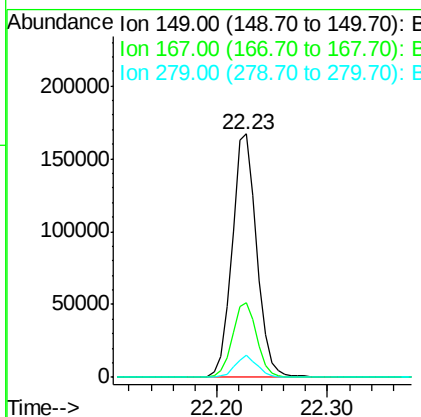
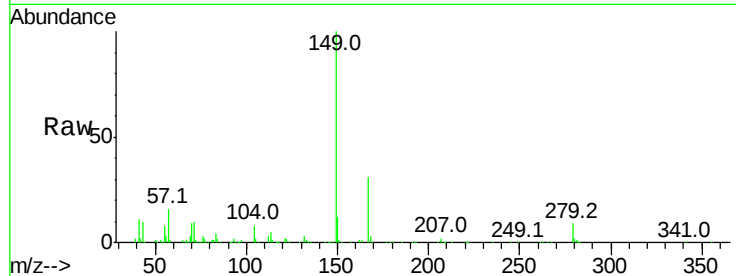
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.246 ng
 RT: 22.23 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.7	24.3	36.5
279	8.9	4.0	6.0

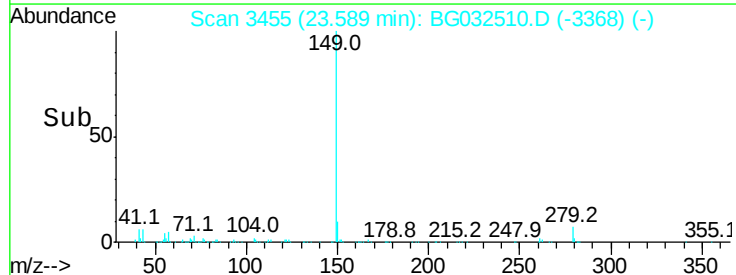
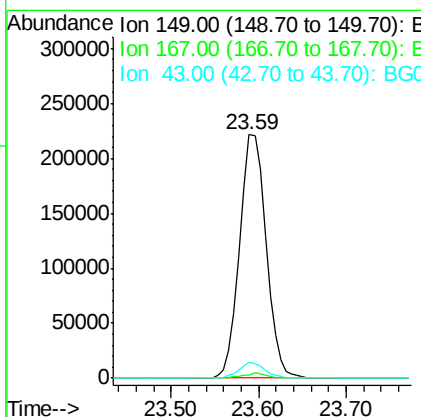
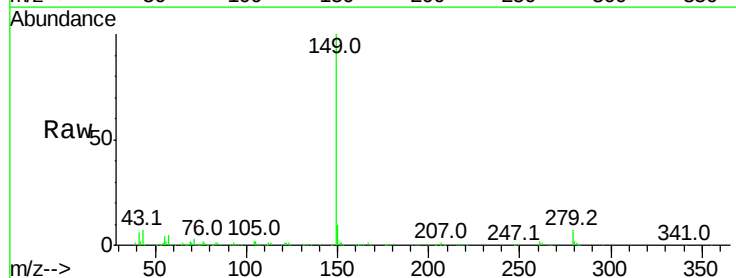
Manual Integrations
 APPROVED

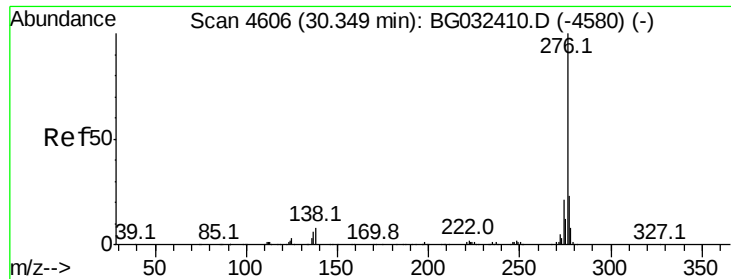
Sohil
 2/5/2018 11:15:03 AM



#84
 Di-n-octyl phthalate
 Concen: 40.919 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.4	8.9	13.3





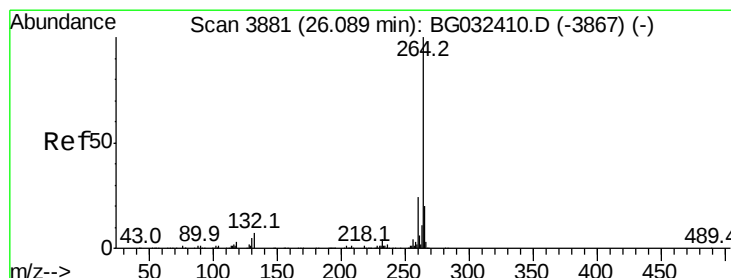
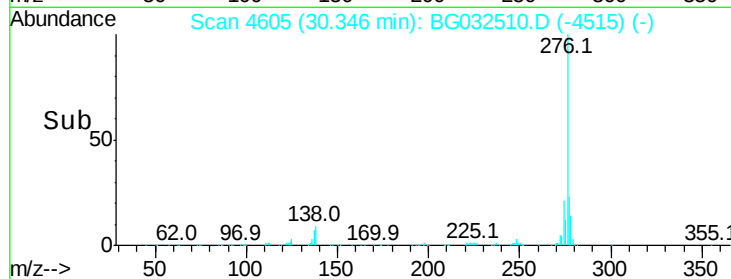
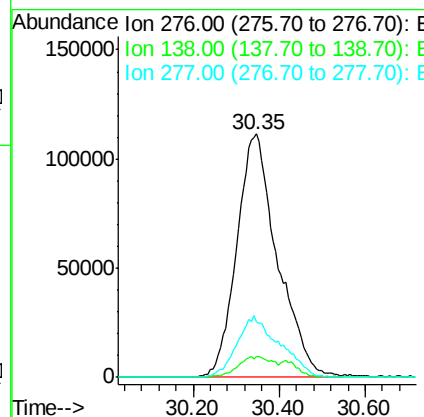
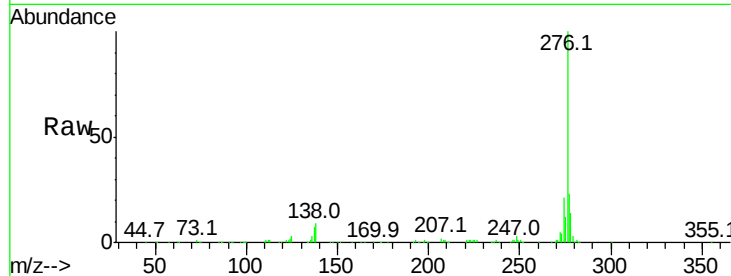
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.108 ng
 RT: 30.35 min Scan# 4605
 Delta R.T. -0.00 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Instrument :
 BNA_G
 ClientSampleId :
 EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.7	16.0	24.0#
277	26.3	20.0	30.0

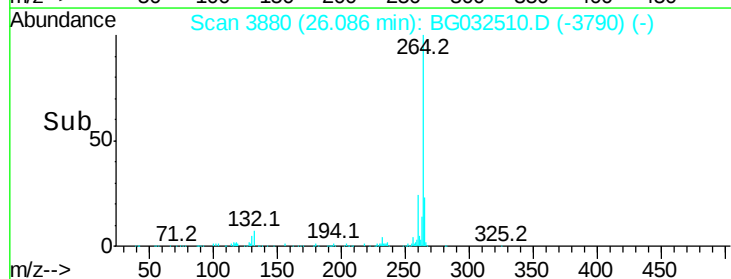
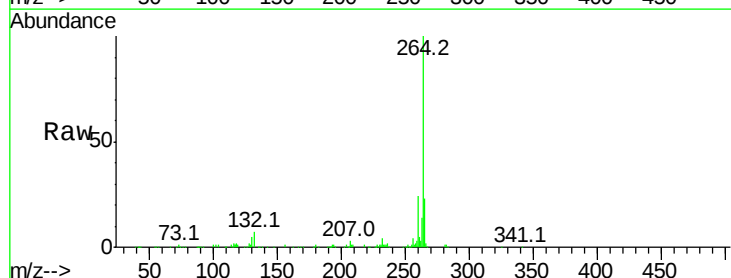
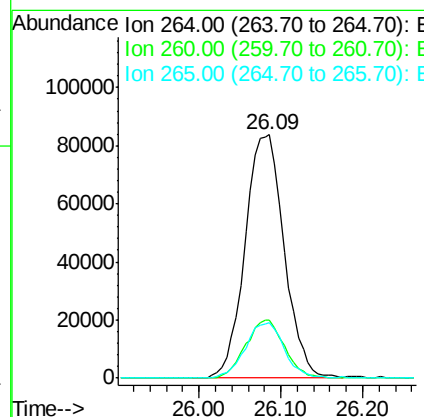
Manual Integrations
 APPROVED

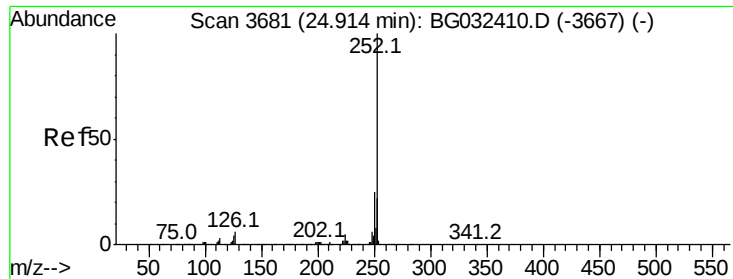
Sohil
 2/5/2018 11:15:03 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032510.D
 Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 36.699 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Instrument :

BNA_G

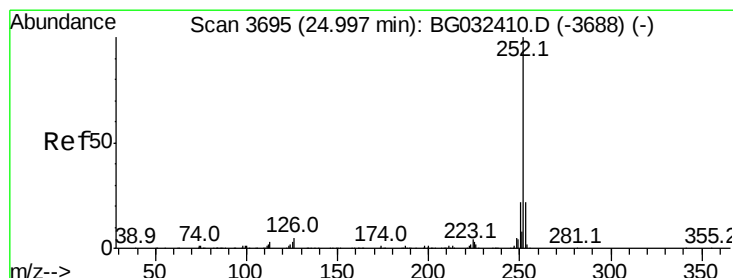
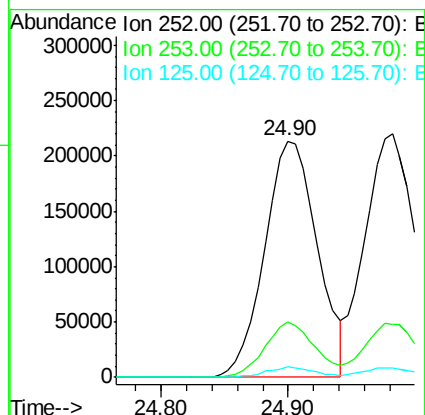
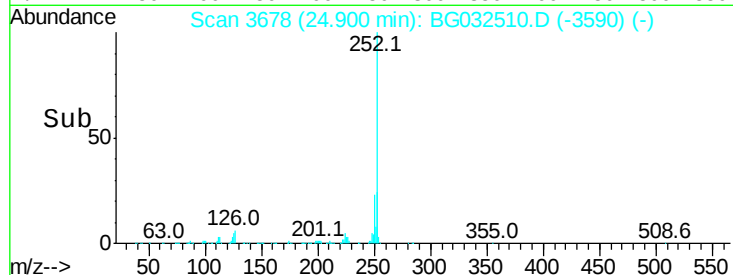
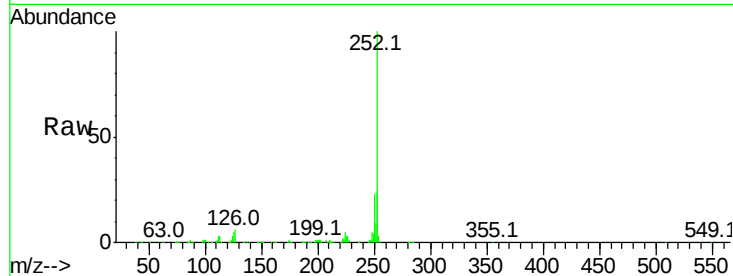
ClientSampleId :

EPE-125-7A(0-5)MSD

Tot Ion:	252	Resp:	617775
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.4
125	4.6	7.2	10.8#

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM



#88

Benzo(k)fluoranthene

Concen: 36.638 ng

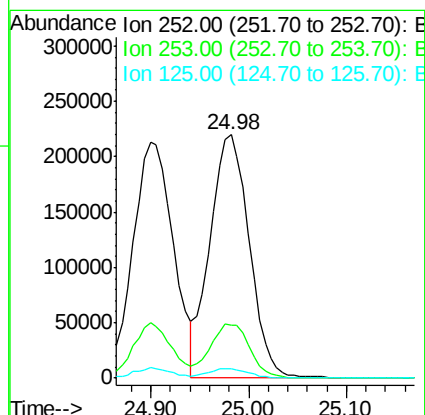
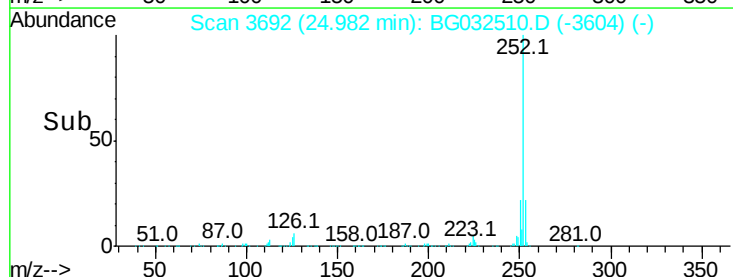
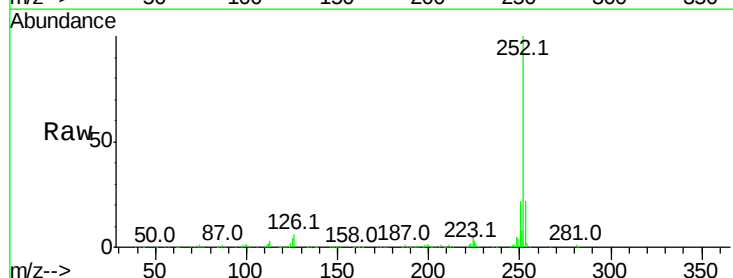
RT: 24.98 min Scan# 3692

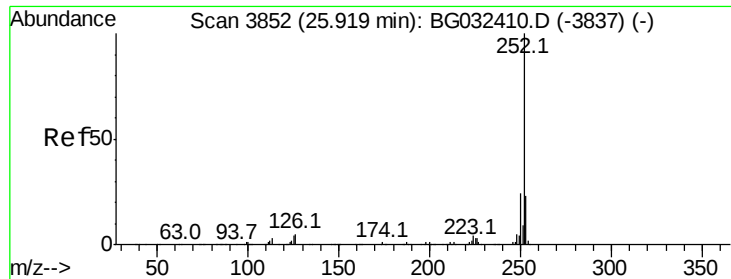
Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tgt Ion:	252	Resp:	610963
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	3.6	6.6	9.8#





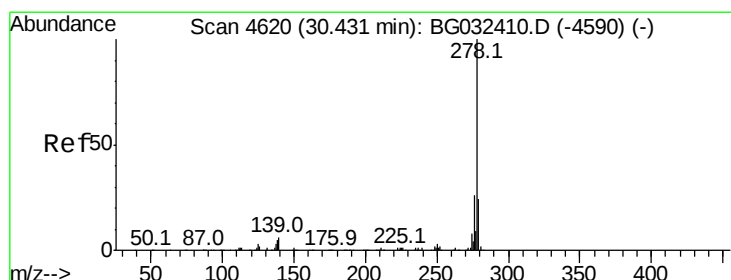
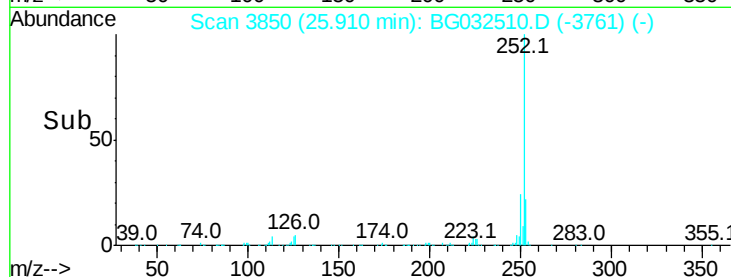
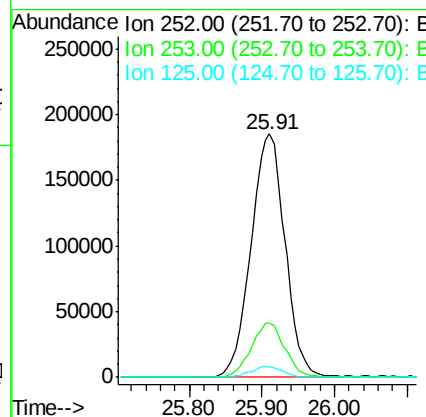
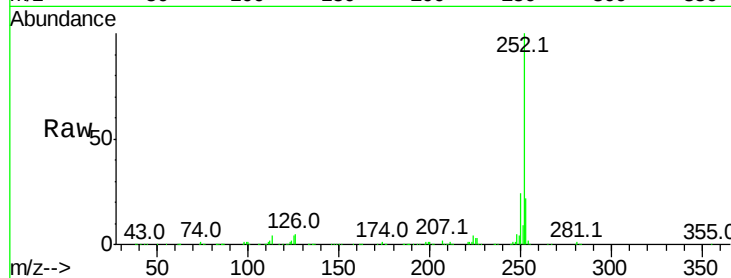
#89
Benzo(a)pyrene
Concen: 37.637 ng
RT: 25.91 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Instrument :
BNA_G
ClientSampleId :
EPE-125-7A(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	4.2	7.3	10.9#

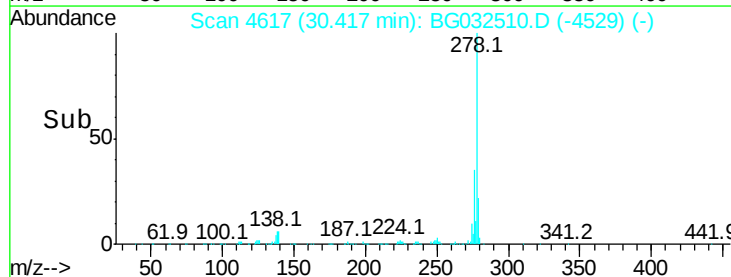
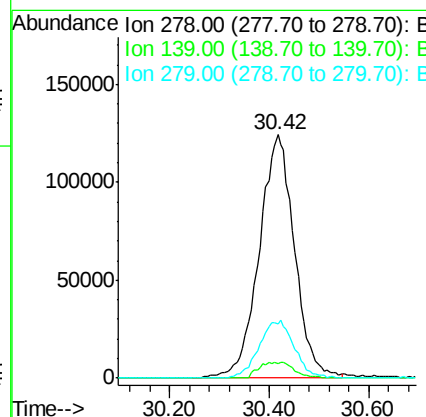
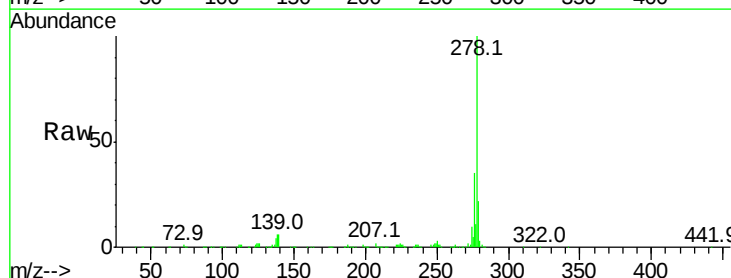
Manual Integrations
APPROVED

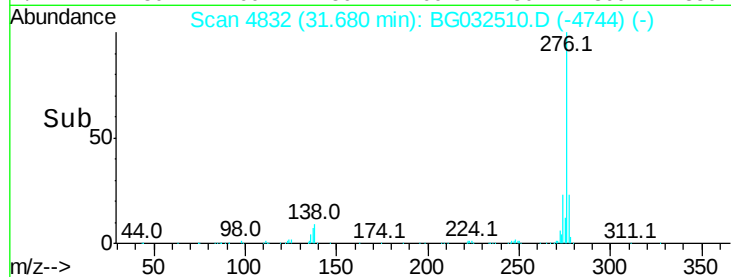
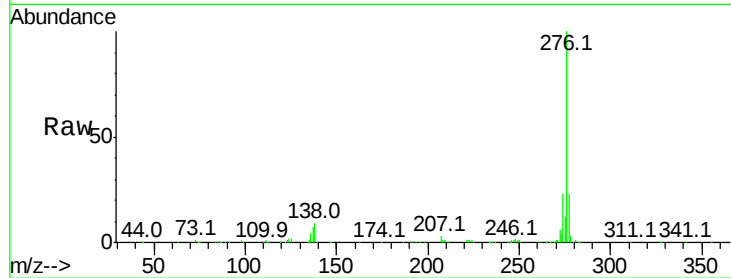
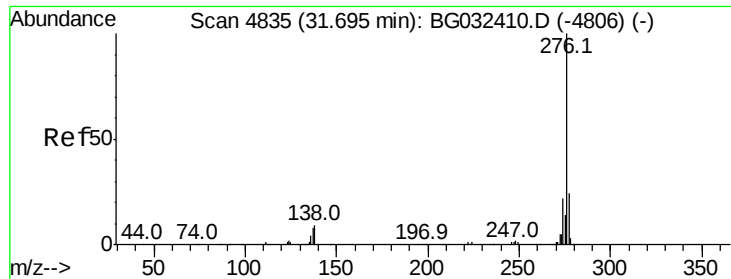
Sohil
2/5/2018 11:15:03 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.201 ng
RT: 30.42 min Scan# 4617
Delta R.T. -0.01 min
Lab File: BG032510.D
Acq: 2 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.2	9.8	14.6#
279	22.1	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 37.347 ng

RT: 31.68 min Scan# 4832

Delta R.T. -0.01 min

Lab File: BG032510.D

Acq: 2 Feb 2018 13:52

Tot Ion:	276	Resp:	608580
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.3	27.5
138	9.4	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

EPE-125-7A(0-5)MSD

Manual Integrations
APPROVED

Sohil
2/5/2018 11:15:03 AM

