

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042586.D
 Acq On : 30 Aug 2019 4:31
 Operator : HP/JU
 Sample : K4095-16MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM

Quant Time: Aug 30 06:42:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34694	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131714	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98793	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233880	20.00	ng	0.00
76) Chrysene-d12	21.69	240	249097	20.00	ng	0.00
87) Perylene-d12	24.93	264	301184	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	228042	133.12	ng	0.00
7) Phenol-d6	7.17	99	283693	122.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	186540	97.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	215046	153.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	582681	99.75	ng	0.00
79) Terphenyl-d14	20.02	244	1169019	101.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	24864	34.780	ng	# 49
3) Pyridine	3.84	79	46266	25.239	ng	96
4) n-Nitrosodimethylamine	3.74	42	30392	46.419	ng	86
6) Aniline	7.32	93	48022	15.560	ng	96
8) 2-Chlorophenol	7.57	128	99574	47.963	ng	98
9) Benzaldehyde	7.13	77	39083	33.737	ng	97
10) Phenol	7.20	94	96890	41.183	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	79716	43.144	ng	99
12) 1,3-Dichlorobenzene	7.89	146	112996	42.785	ng	99
13) 1,4-Dichlorobenzene	8.04	146	116864	43.685	ng	99
14) 1,2-Dichlorobenzene	8.36	146	111773	43.629	ng	98
15) Benzyl Alcohol	8.24	79	74821	44.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102537	40.944	ng	98
17) 2-Methylphenol	8.45	107	78076	45.056	ng	96
18) Hexachloroethane	9.09	117	38127	41.631	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	65023	43.375	ng	95
20) 3+4-Methylphenols	8.78	107	105090	43.827	ng	97
22) Acetophenone	8.82	105	141989	50.402	ng	99
24) Nitrobenzene	9.21	77	95958	49.716	ng	99
25) Isophorone	9.73	82	179065	47.603	ng	99
26) 2-Nitrophenol	9.93	139	61449	50.804	ng	94
27) 2,4-Dimethylphenol	9.99	122	94740	56.862	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	110247	46.501	ng	97
29) 2,4-Dichlorophenol	10.47	162	115892	53.164	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	132192	49.405	ng	96
31) Naphthalene	10.87	128	303254	49.591	ng	99
32) Benzoic acid	10.15	122	41697m	36.784	ng	
33) 4-Chloroaniline	11.00	127	10844	3.841	ng	95
34) Hexachlorobutadiene	11.16	225	87233	48.510	ng	98
35) Caprolactam	11.76	113	26229m	36.059	ng	
36) 4-Chloro-3-methylphenol	12.11	107	106244	51.341	ng	97
37) 2-Methylnaphthalene	12.48	142	245013	49.899	ng	98
38) 1-Methylnaphthalene	12.70	142	228389	48.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167853	52.907	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042586.D
 Acq On : 30 Aug 2019 4:31
 Operator : HP/JU
 Sample : K4095-16MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM

Quant Time: Aug 30 06:42:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	178179	106.916	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	109289	50.963	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	116564	52.452	nq	96
46) 1,1'-Biphenyl	13.49	154	326406	51.112	nq	98
47) 2-Chloronaphthalene	13.54	162	267222	48.529	nq	99
48) 2-Nitroaniline	13.73	65	60109	45.268	nq	99
49) Acenaphthylene	14.38	152	422886	51.047	nq	99
50) Dimethylphthalate	14.11	163	362119	50.800	nq	100
51) 2,6-Dinitrotoluene	14.23	165	83138	50.317	nq	97
52) Acenaphthene	14.72	154	247903	49.281	nq	98
53) 3-Nitroaniline	14.56	138	22882	13.847	nq	99
54) 2,4-Dinitrophenol	14.78	184	104374	92.638	nq	95
55) Dibenzofuran	15.06	168	429088	51.532	nq	100
56) 4-Nitrophenol	14.89	139	108438	92.352	nq	92
57) 2,4-Dinitrotoluene	15.02	165	119269	50.409	nq	97
58) Fluorene	15.71	166	348305	51.172	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	117716m	53.564	nq	
60) Diethylphthalate	15.47	149	334930	48.065	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	206606	50.354	nq	98
62) 4-Nitroaniline	15.73	138	75645	42.773	nq	94
63) Azobenzene	15.99	77	230110	48.192	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	78836	53.764	nq	99
66) n-Nitrosodiphenylamine	15.91	169	309928	48.186	nq	100
67) 4-Bromophenyl-phenylether	16.59	248	147010	49.555	nq	96
68) Hexachlorobenzene	16.73	284	156343	48.479	nq	100
69) Atrazine	16.86	200	74070	32.565	nq	98
70) Pentachlorophenol	17.07	266	193516	115.489	nq	98
71) Phenanthrene	17.45	178	592092	50.967	nq	99
72) Anthracene	17.54	178	608392	52.459	nq	99
73) Carbazole	17.81	167	512174	49.552	nq	99
74) Di-n-butylphthalate	18.37	149	606996	49.679	nq	99
75) Fluoranthene	19.46	202	774986	54.661	nq	97
77) Benzidine	19.66	184	26629	3.729	nq	95
78) Pyrene	19.83	202	775602	50.786	nq	99
80) Butylbenzylphthalate	20.71	149	281287	46.828	nq	97
81) Benzo(a)anthracene	21.67	228	767391	50.643	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	87991	14.438	nq	98
83) Chrysene	21.74	228	738589	50.541	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	395176	47.383	nq	98
85) Di-n-octyl phthalate	22.78	149	699911	48.794	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	989565	49.828	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	843097	50.918	nq	99
89) Benzo(k)fluoranthene	23.97	252	826302	51.917	nq	99
90) Benzo(a)pyrene	24.78	252	833950	53.077	nq	99
91) Dibenzo(a,h)anthracene	28.71	278	818753	51.466	nq	98
92) Benzo(g,h,i)perylene	29.80	276	821375	51.623	nq	97

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

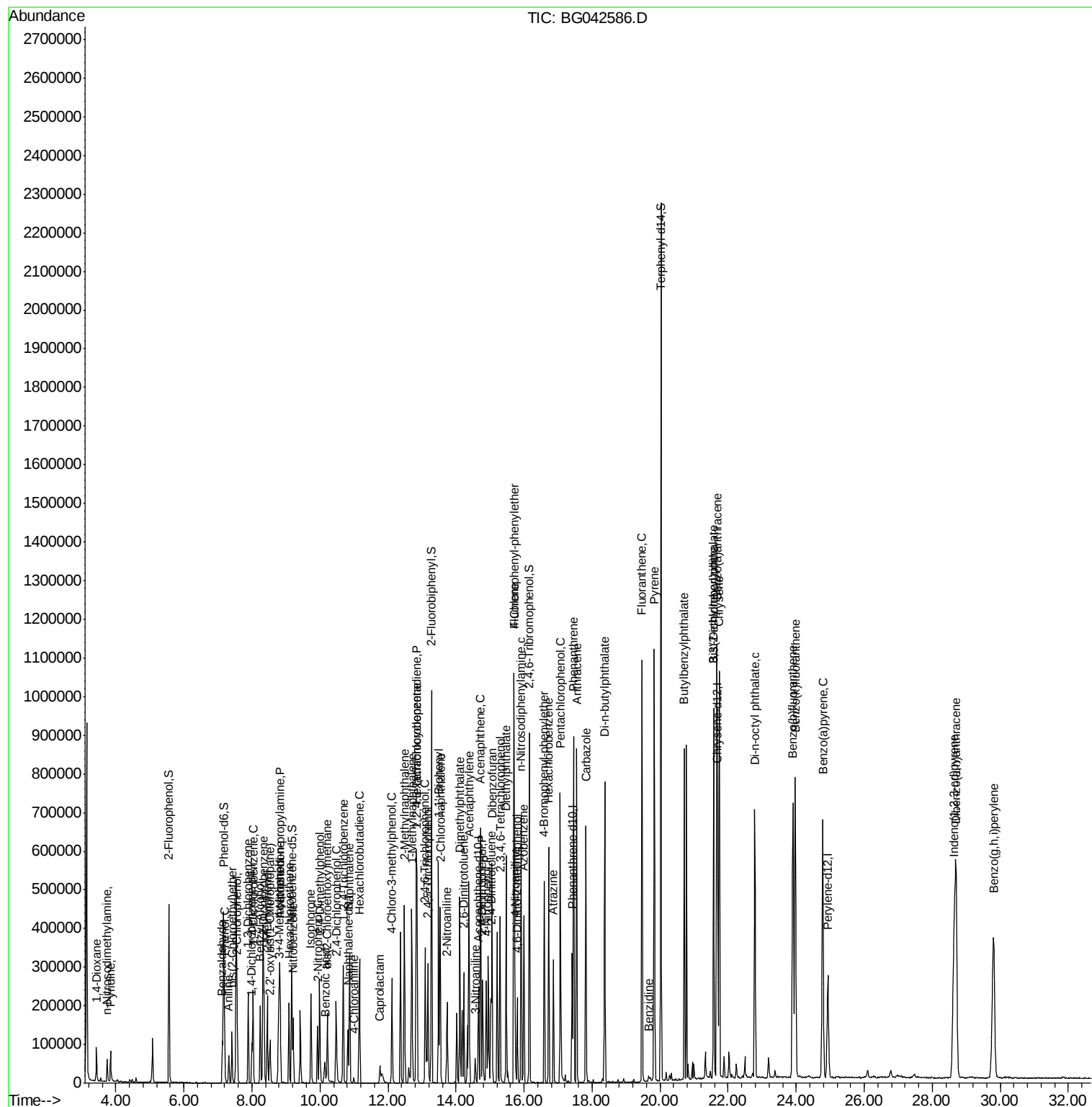
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042586.D
Acq On : 30 Aug 2019 4:31
Operator : HP/JU
Sample : K4095-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

Quant Time: Aug 30 06:42:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration





#1

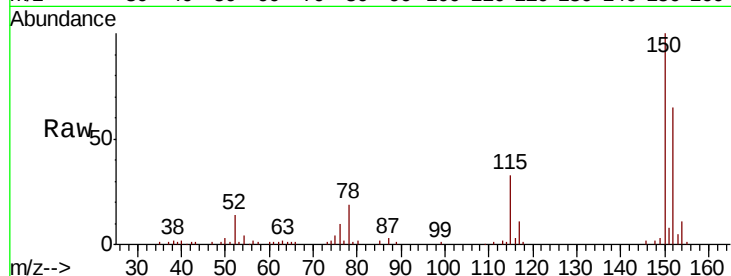
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.4	188.0
115	50.6	38.5	57.7

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

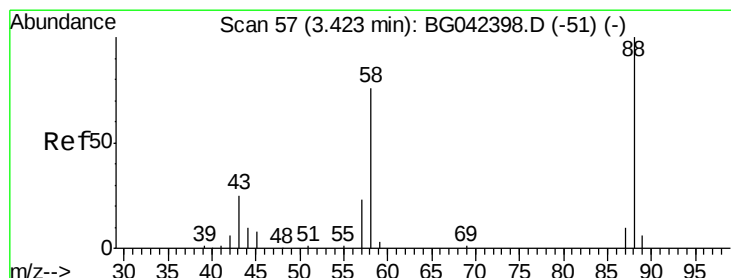
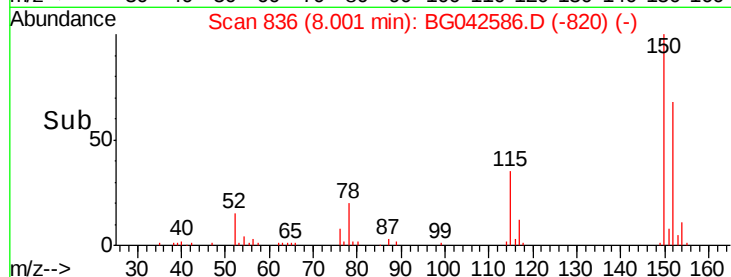
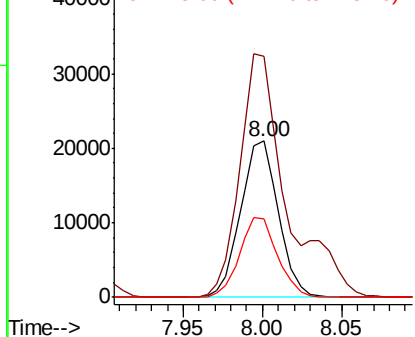


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

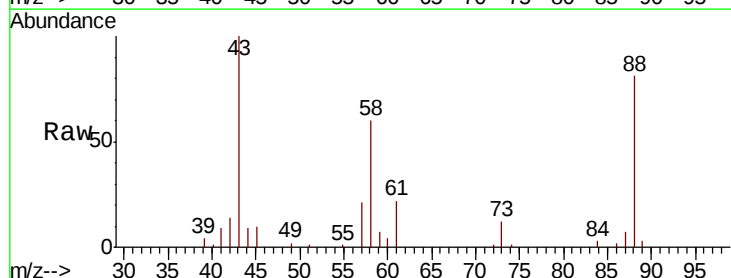
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.780 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	58.3	87.5
43	117.9	20.2	30.2#

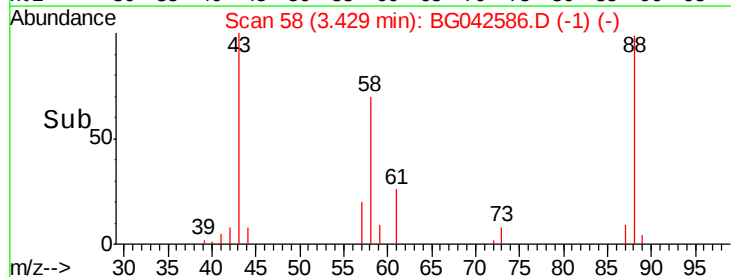
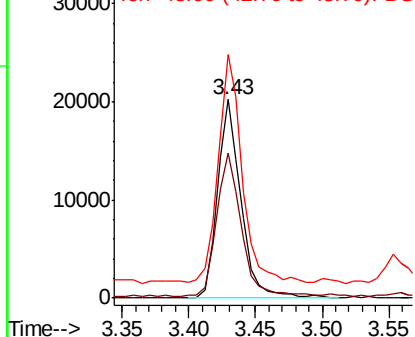


Abundance

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





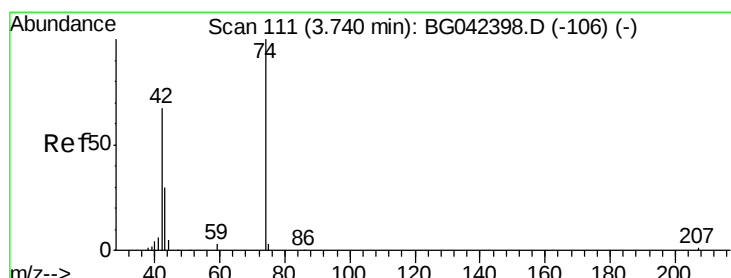
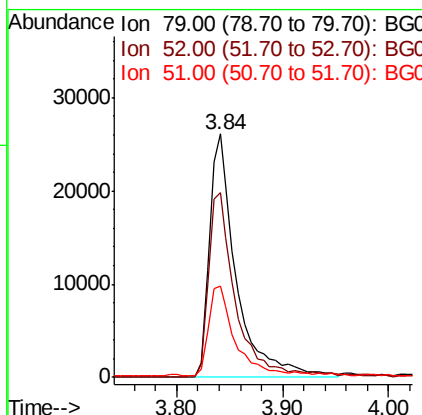
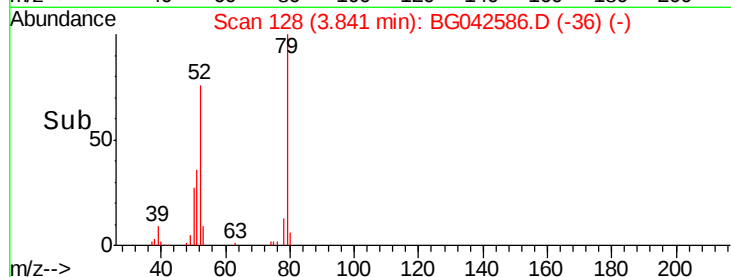
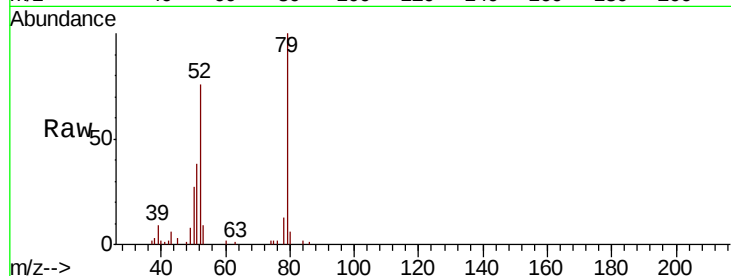
#3
 Pvridine
 Concen: 25.239 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.8	57.7	86.5
51	37.6	28.8	43.2

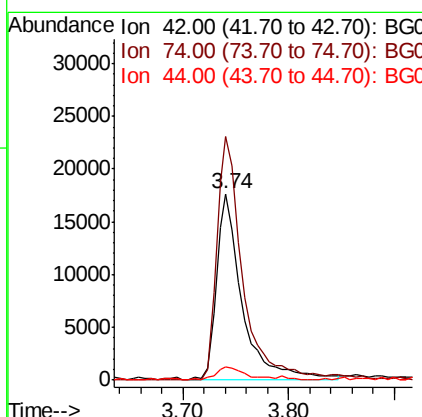
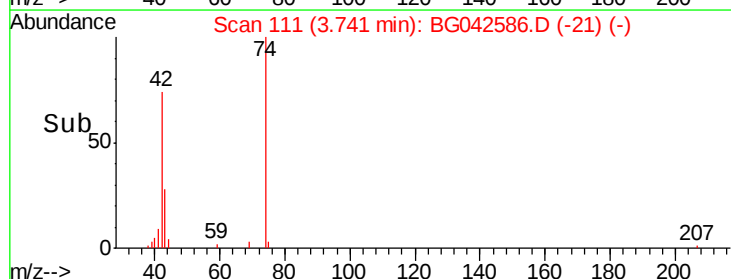
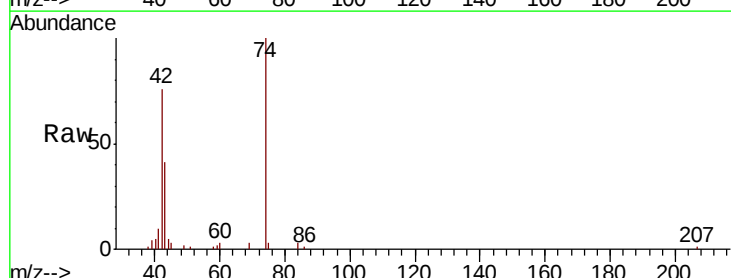
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 46.419 ng
 RT: 3.74 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.7	119.6	179.4
44	7.0	6.5	9.7





#5

2-Fluorophenol

Concen: 133.121 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

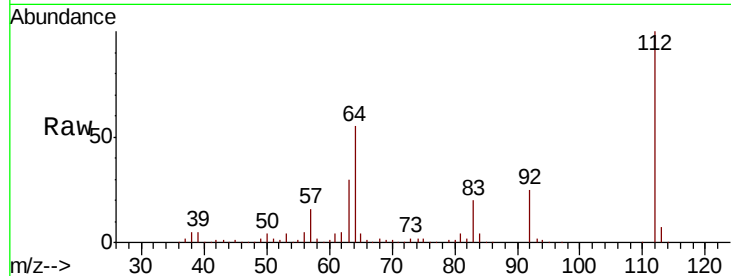
ClientSampleId :

SU-01-082819MSD

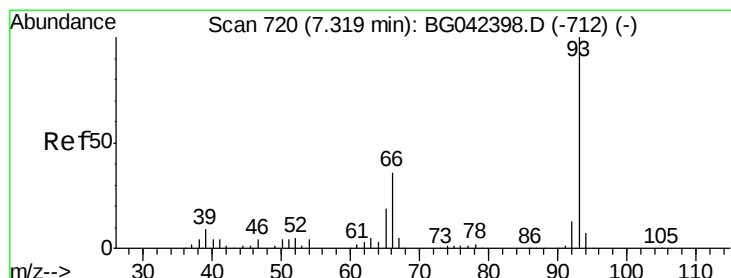
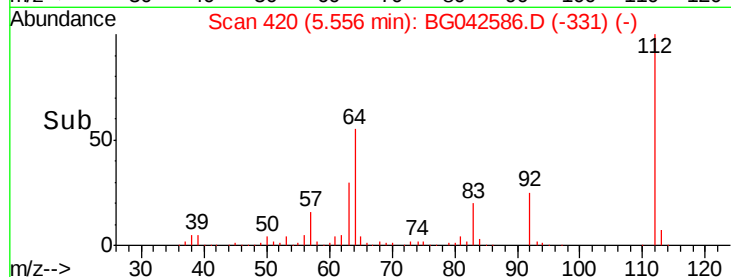
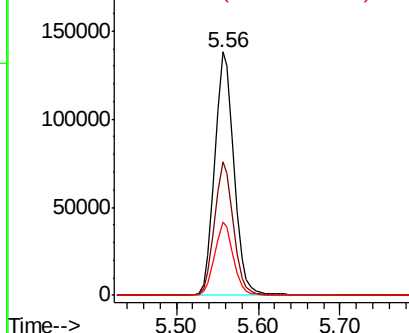
Tot Ion:	112	Resp:	228042
Ion Ratio	Lower	Upper	
112	100		
64	54.8	42.8	64.2
63	30.1	22.7	34.1

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.560 ng

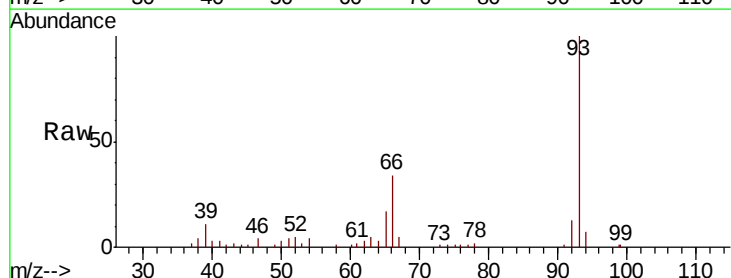
RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

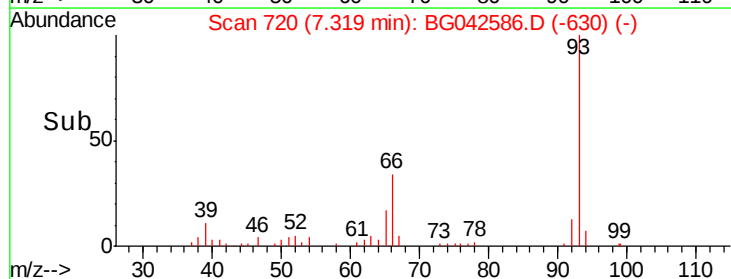
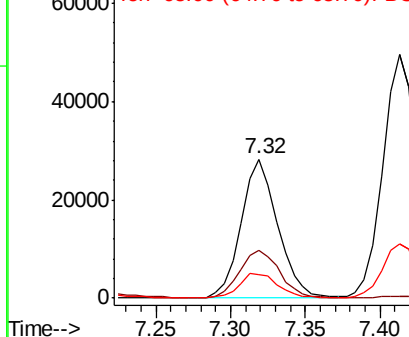
Lab File: BG042586.D

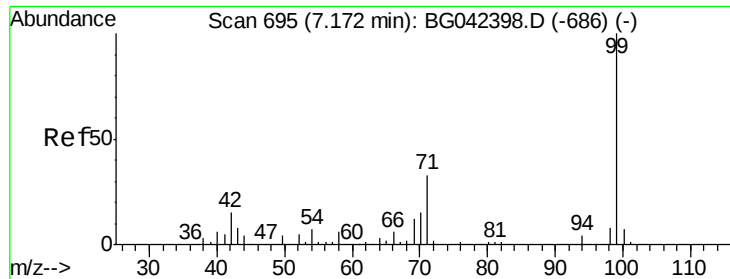
Acq: 30 Aug 2019 4:31

Tgt Ion:	93	Resp:	48022
Ion Ratio	Lower	Upper	
93	100		
66	34.5	29.0	43.6
65	16.8	15.2	22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.602 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

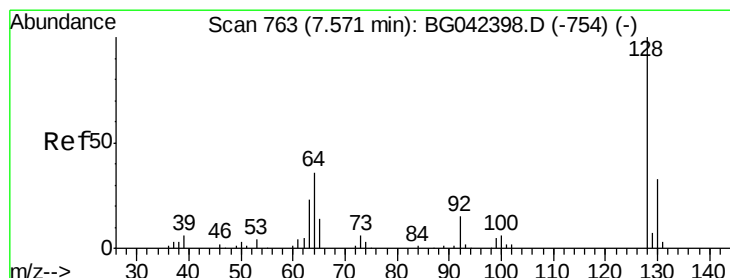
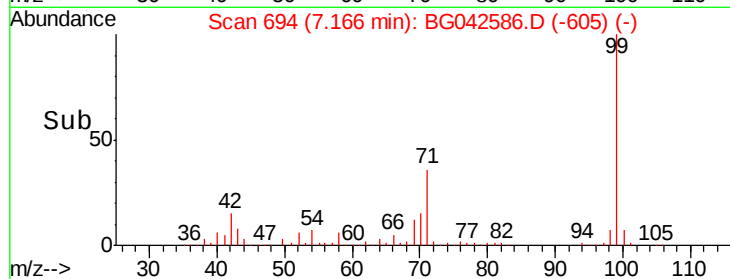
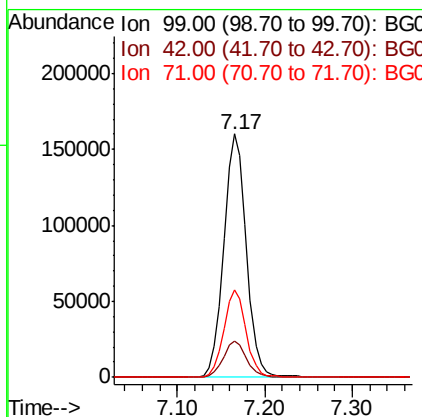
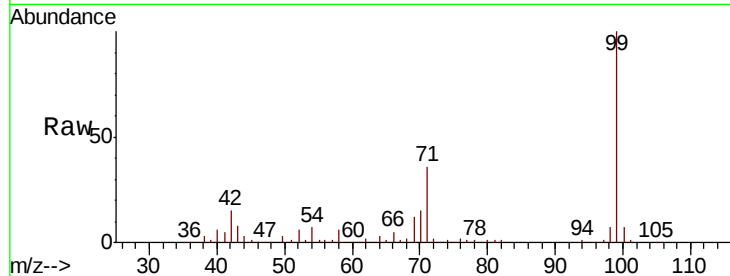
ClientSampleId :

SU-01-082819MSD

Tot Ion:	99	Resp:	283693
Ion Ratio	Lower	Upper	
99	100		
42	14.6	12.0	18.0
71	36.0	26.3	39.5

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#8

2-Chlorophenol

Concen: 47.963 ng

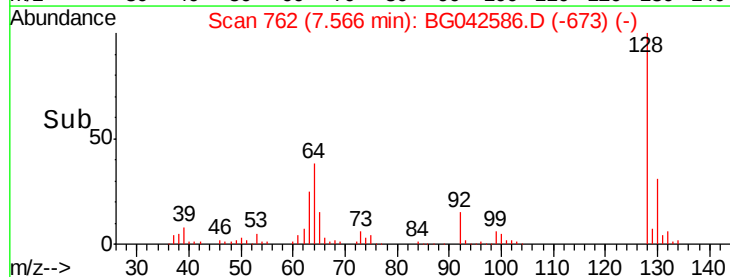
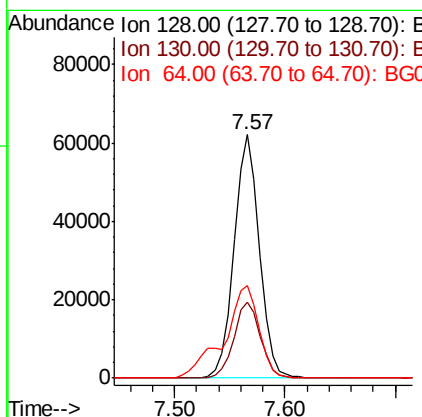
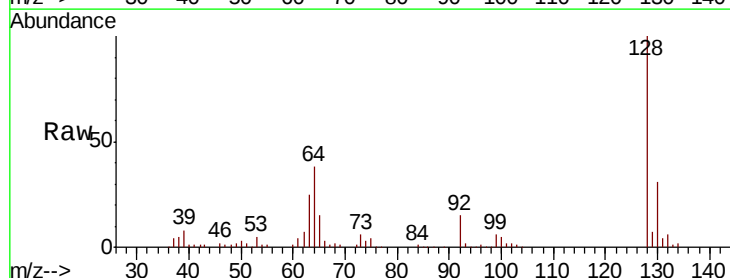
RT: 7.57 min Scan# 762

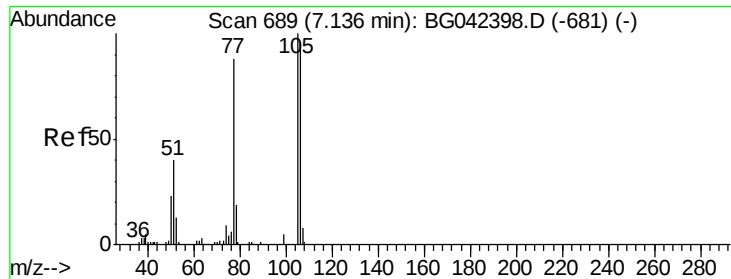
Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:	128	Resp:	99574
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.8	52.8
64	38.2	19.2	59.2





#9

Benzaldehyde

Concen: 33.737 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

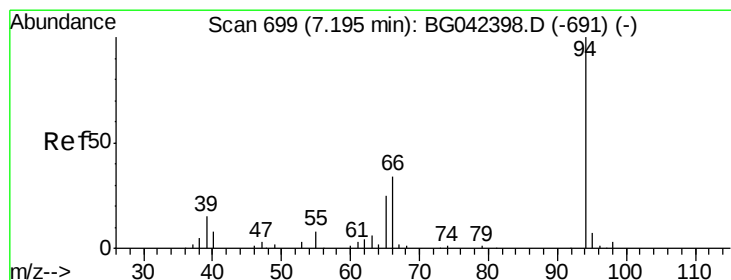
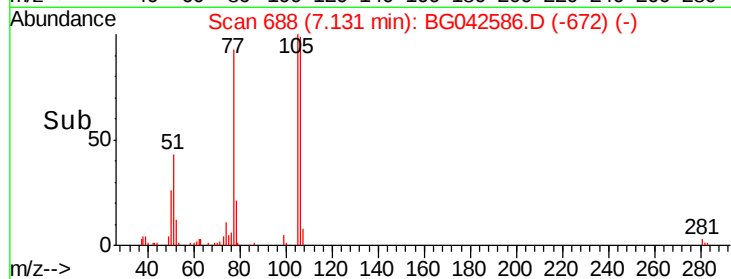
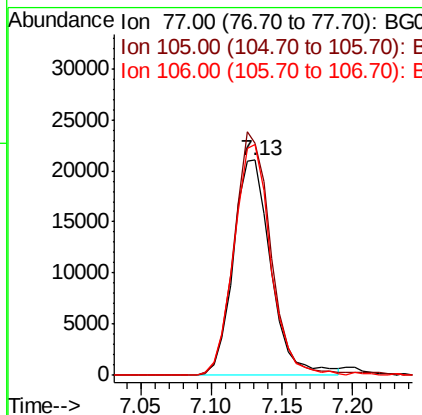
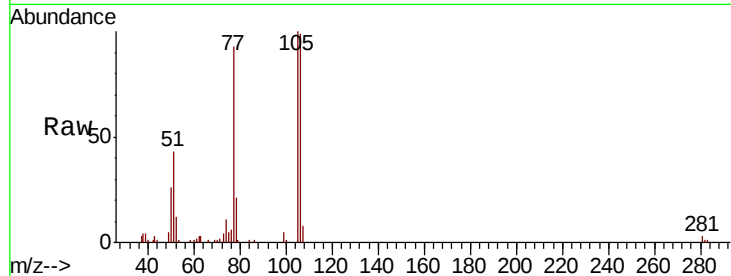
ClientSampleId :

SU-01-082819MSD

Tot Ion:	77	Resp:	39083
Ion Ratio	Lower	Upper	
77	100		
105	107.9	93.4	133.4
106	107.3	88.4	128.4

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#10

Phenol

Concen: 41.183 ng

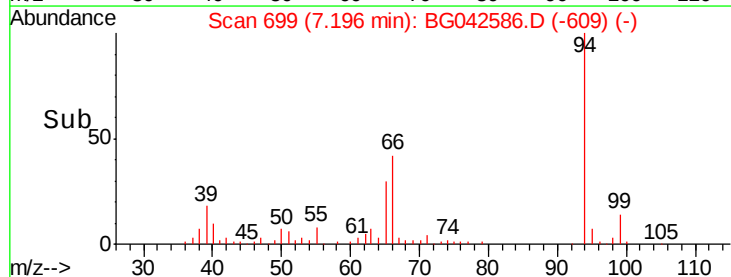
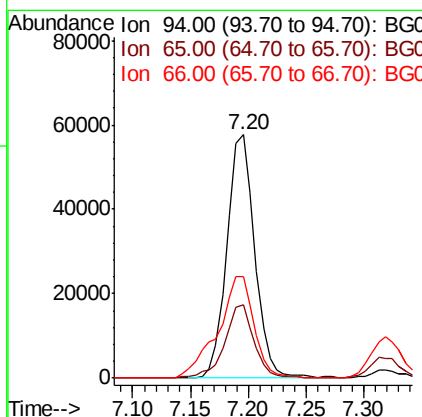
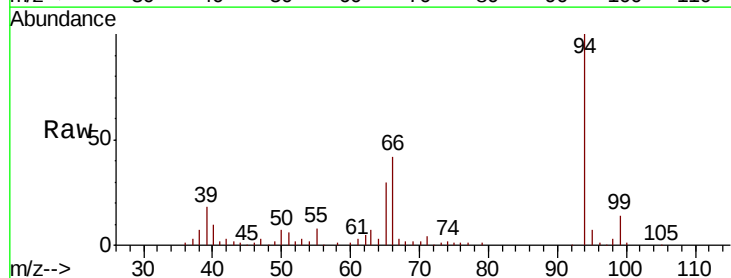
RT: 7.20 min Scan# 699

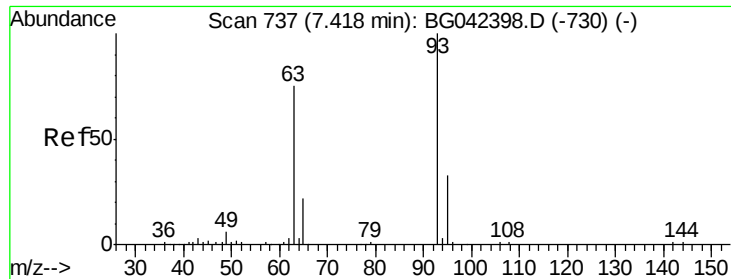
Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:	94	Resp:	96890
Ion Ratio	Lower	Upper	
94	100		
65	30.0	5.6	45.6
66	41.5	16.0	56.0





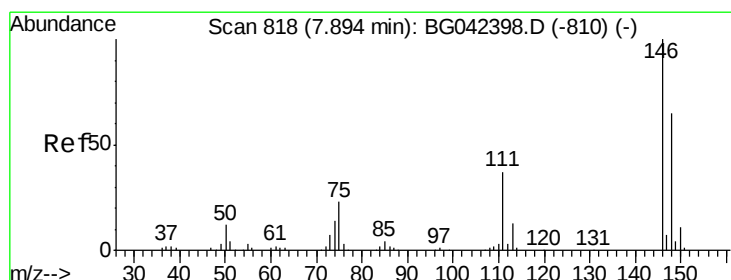
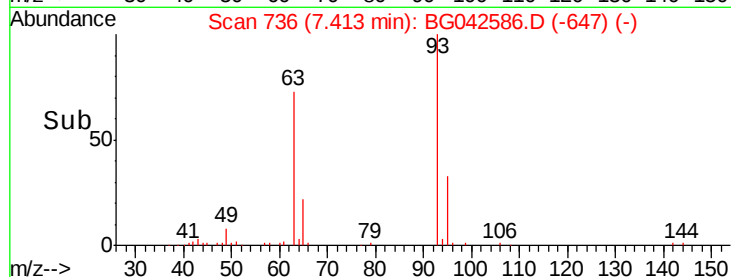
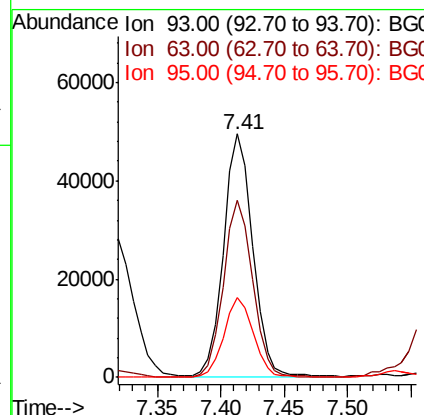
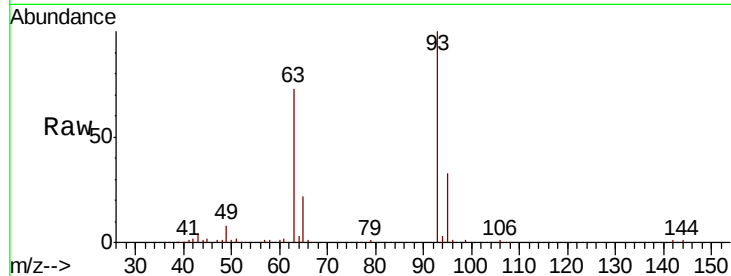
#11
bis(2-Chloroethyl)ether
Concen: 43.144 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	53.8	93.8
95	33.0	13.1	53.1

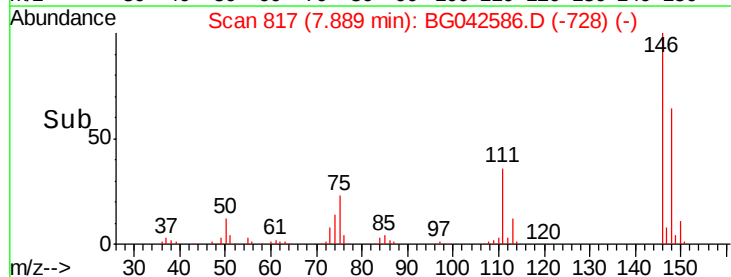
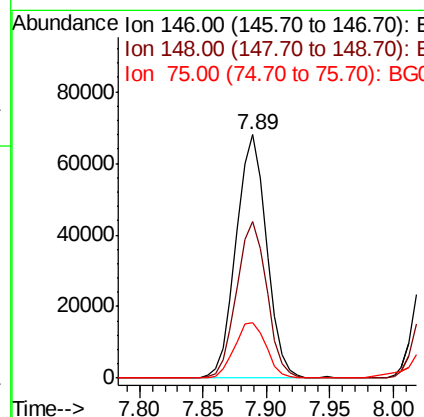
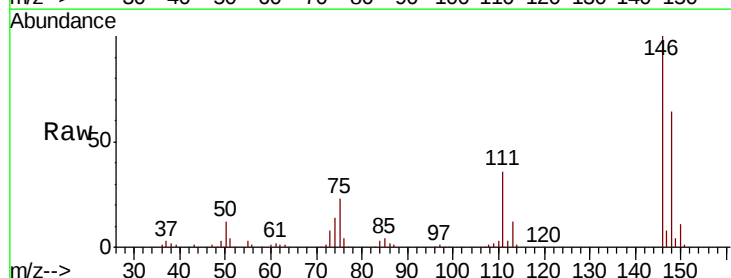
Manual Integrations
APPROVED

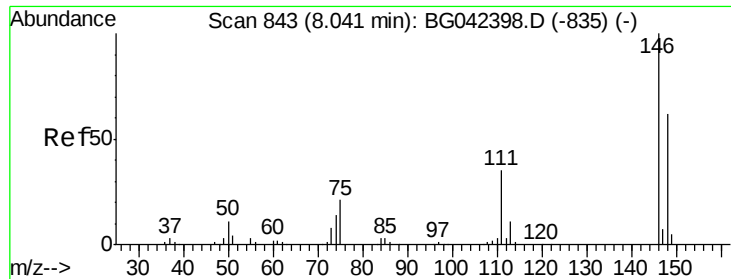
Jagrut
8/30/2019 7:58:22 PM



#12
1,3-Dichlorobenzene
Concen: 42.785 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
75	22.8	18.0	27.0





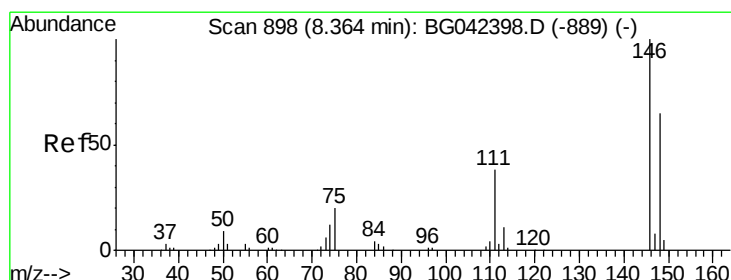
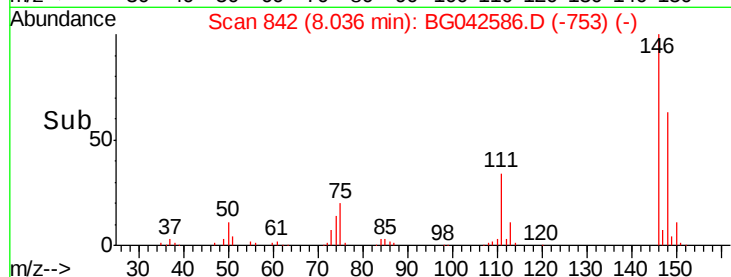
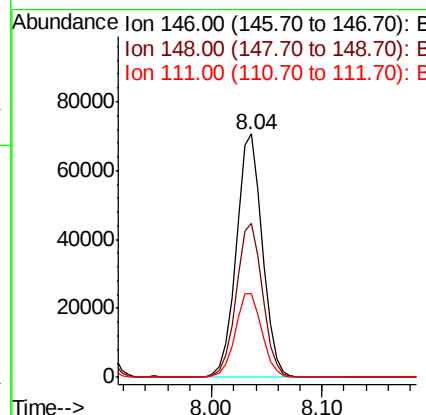
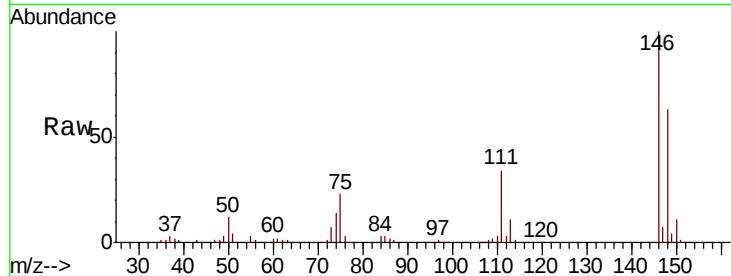
#13
 1,4-Dichlorobenzene
 Concen: 43.685 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.5	74.3
111	34.4	28.1	42.1

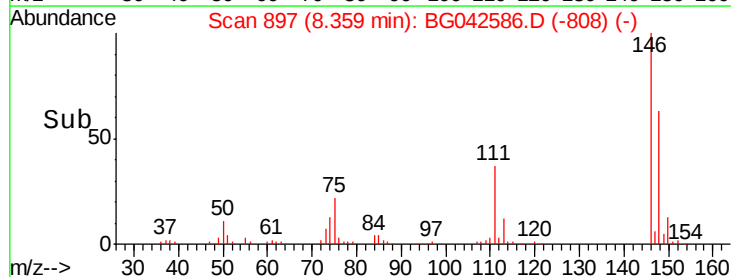
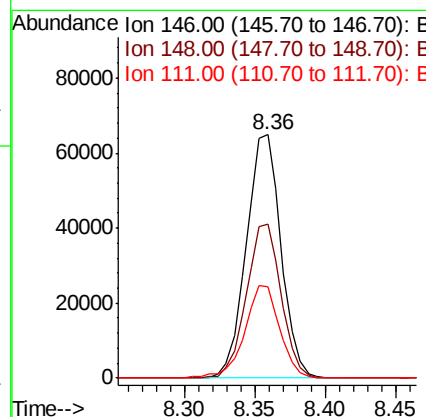
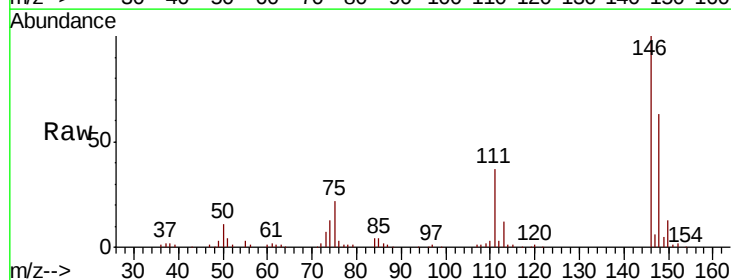
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.629 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	37.5	30.9	46.3





#15

Benzyl Alcohol

Concen: 44.945 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tot Ion: 79 Resp: 74821

Ion Ratio Lower Upper

79 100

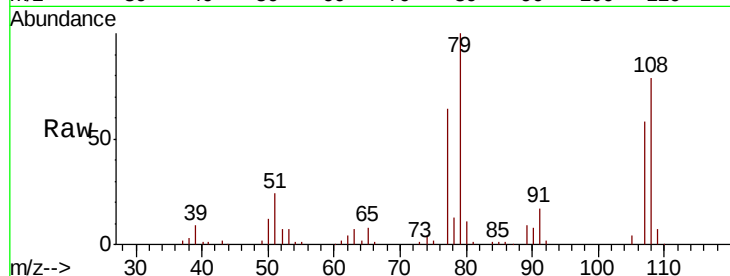
108 78.9 67.4 101.2

77 63.8 50.8 76.2

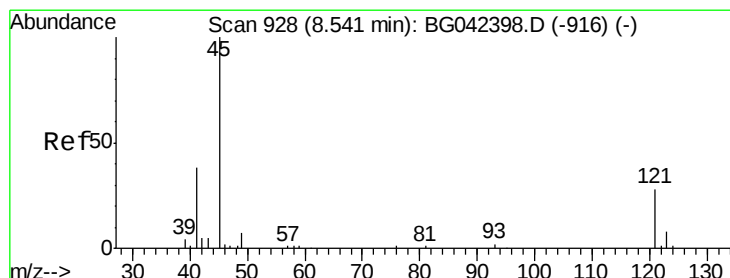
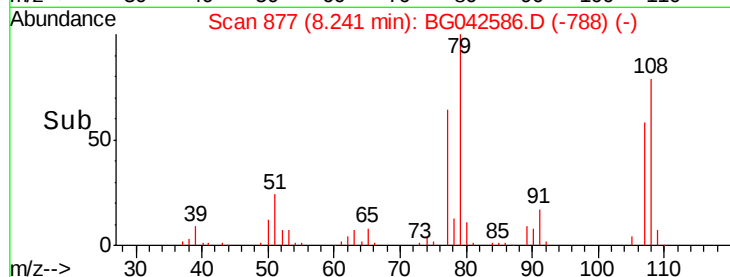
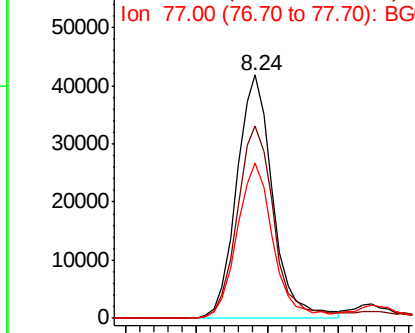
Manual Integrations
APPROVED

Jagrut

8/30/2019 7:58:22 PM



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.944 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

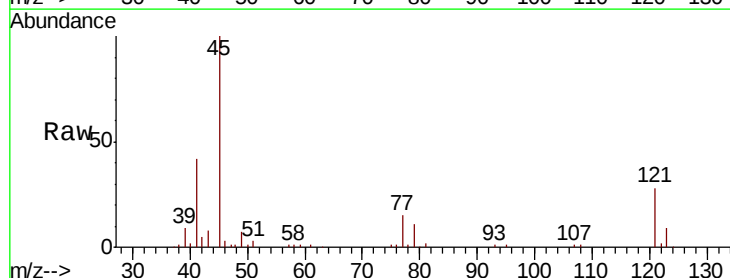
Tgt Ion: 45 Resp: 102537

Ion Ratio Lower Upper

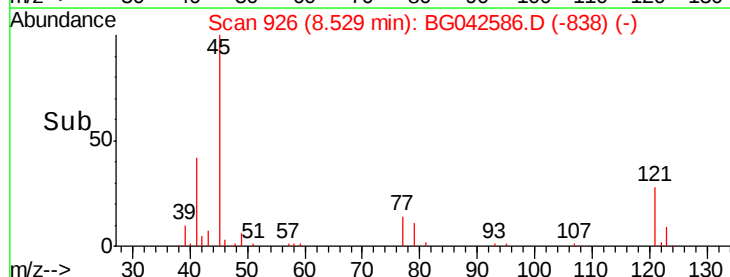
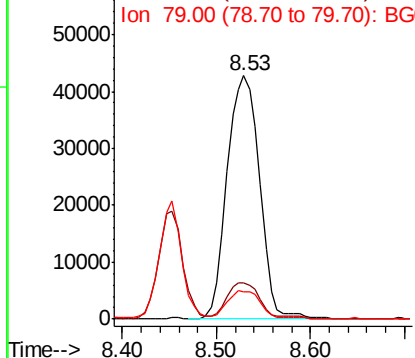
45 100

77 14.7 0.0 35.6

79 11.0 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





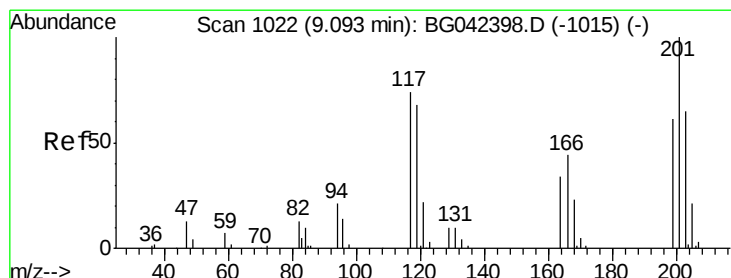
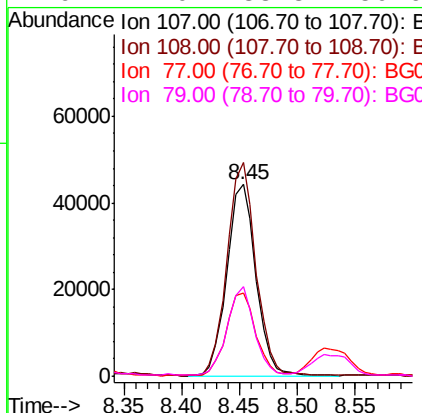
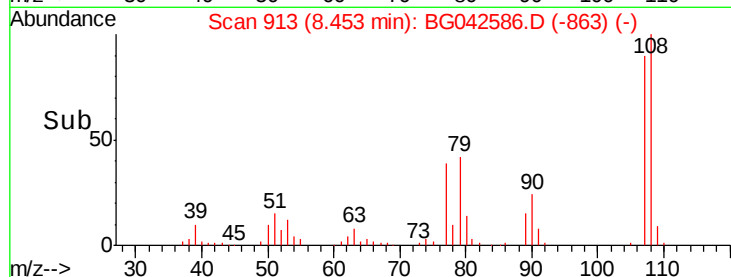
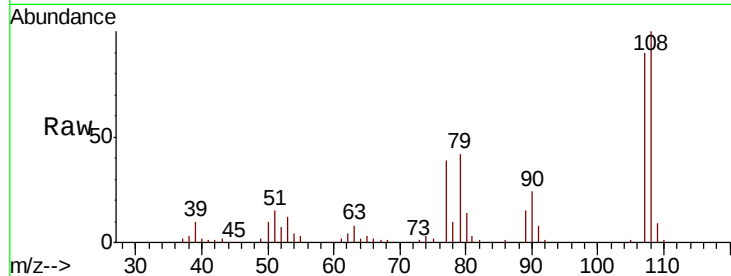
#17
2-Methylphenol
Concen: 45.056 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.9	139.3
77	43.1	34.4	51.6
79	47.0	33.8	50.6

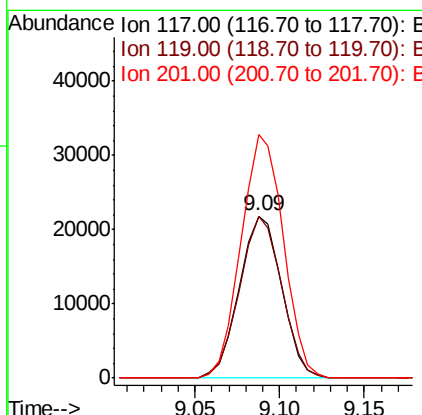
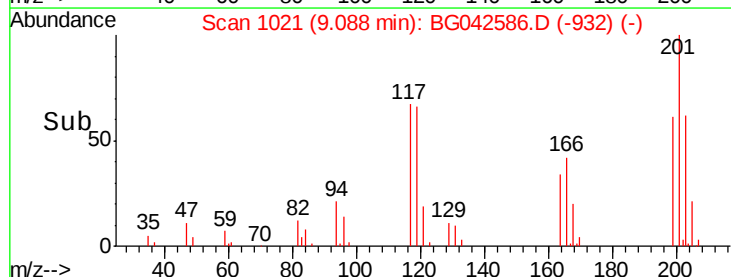
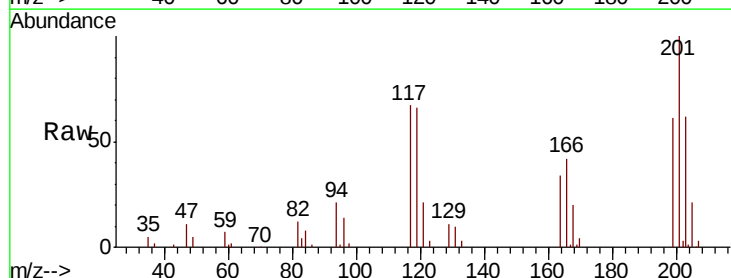
Manual Integrations
APPROVED

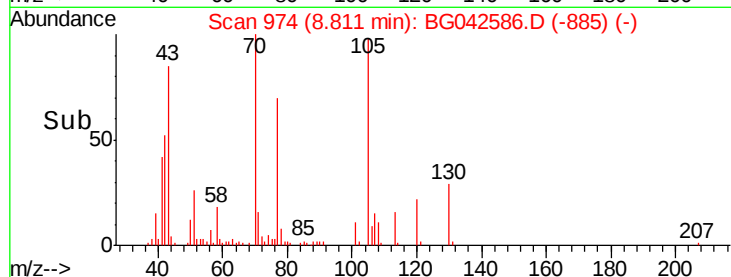
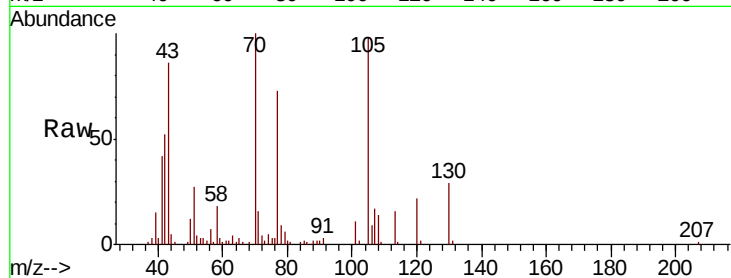
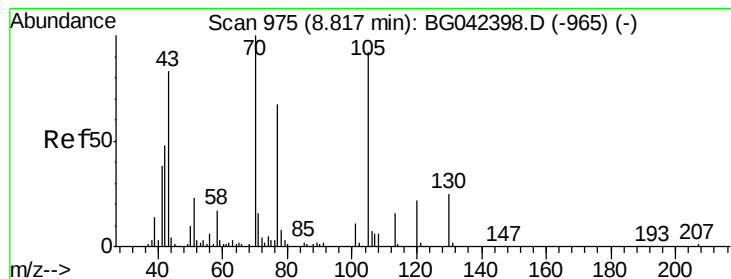
Jagrut
8/30/2019 7:58:22 PM



#18
Hexachloroethane
Concen: 41.631 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	73.8	110.8
201	150.3	108.3	162.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.375 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tot Ion: 70 Resp: 65023

Ion Ratio Lower Upper

70 100

42 51.7 38.8 58.2

101 11.4 9.0 13.6

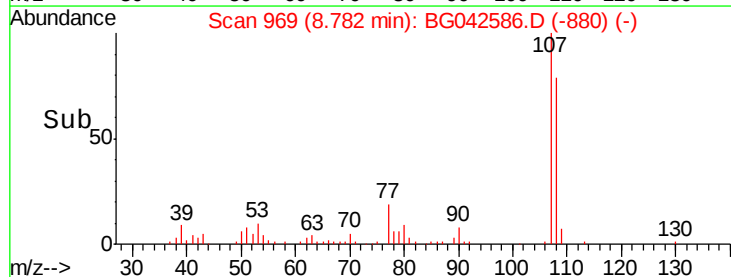
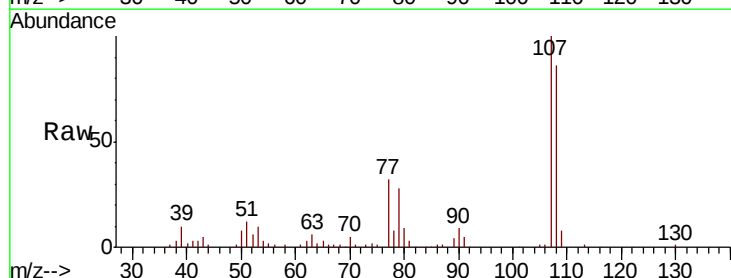
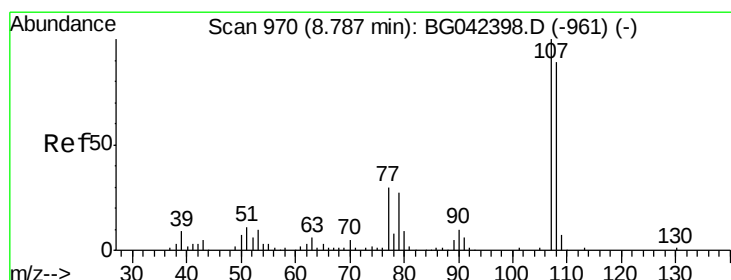
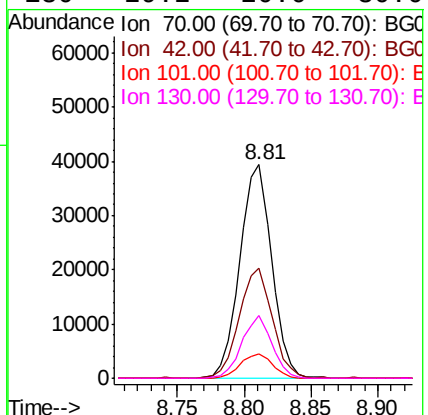
130 29.2 20.0 30.0

Manual Integrations

APPROVED

Jagrut

8/30/2019 7:58:22 PM



#20

3+4-Methylphenols

Concen: 43.827 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion: 107 Resp: 105090

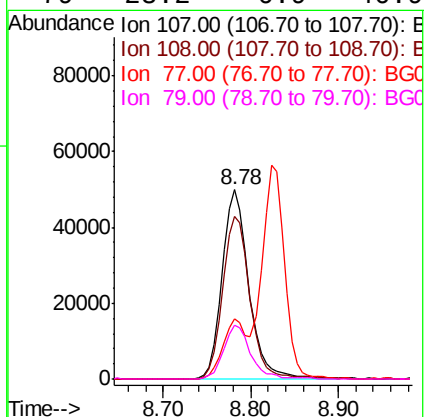
Ion Ratio Lower Upper

107 100

108 86.0 68.7 108.7

77 31.9 10.2 50.2

79 28.2 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

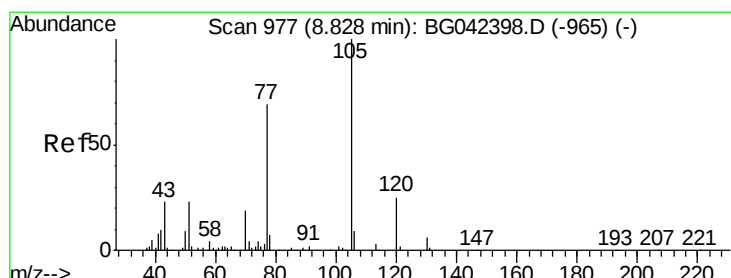
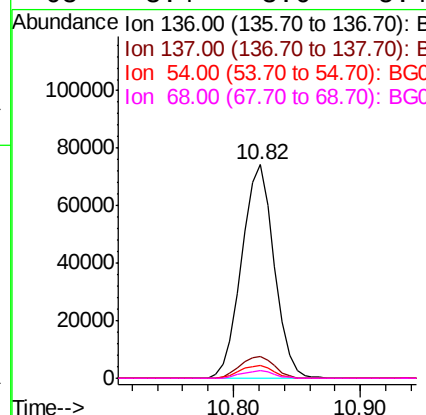
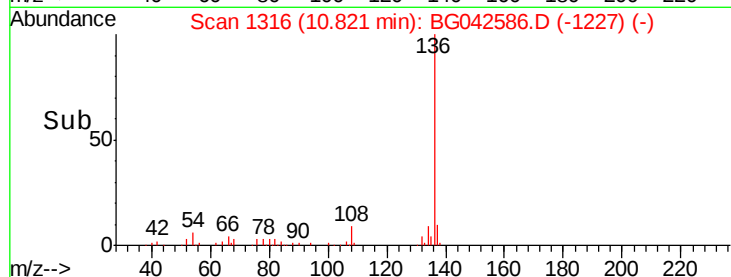
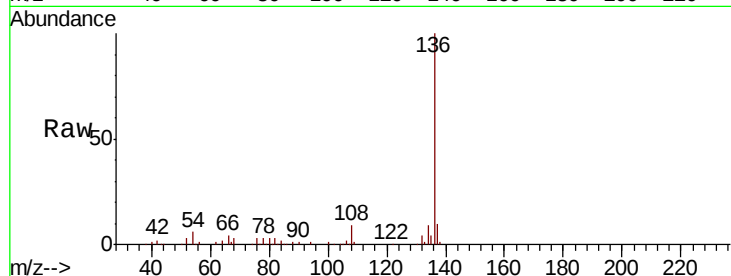
ClientSampleId :

SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	131714		
137	10.3	8.7	13.1	
54	5.9	4.9	7.3	
68	3.4	3.6	5.4	

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#22

Acetophenone

Concen: 50.402 ng

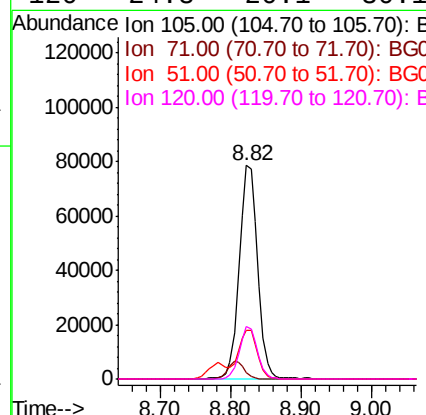
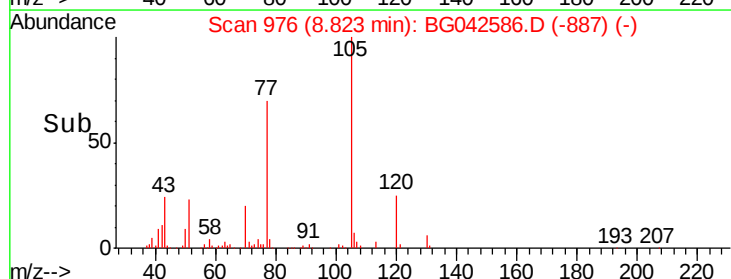
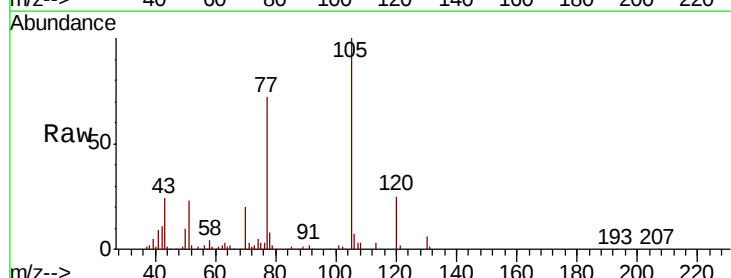
RT: 8.82 min Scan# 976

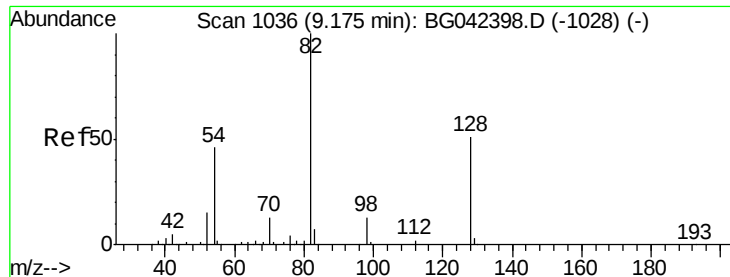
Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141989		
71	3.1	2.8	4.2	
51	23.1	18.7	28.1	
120	24.8	20.1	30.1	





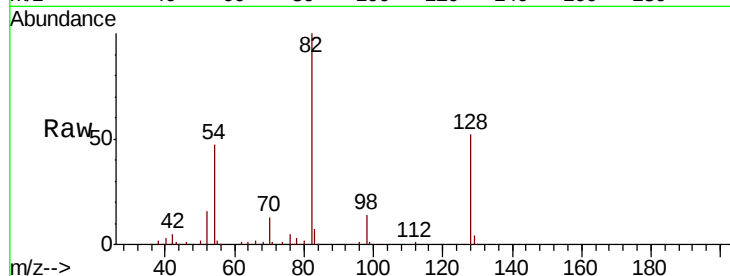
#23
Nitrobenzene-d5
Concen: 97.869 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	186540		
128	51.8		40.7	61.1
54	47.1		36.3	54.5

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

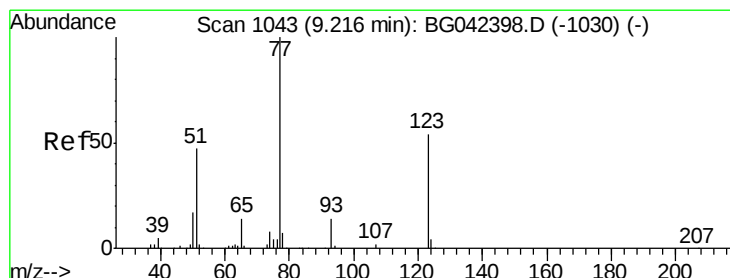
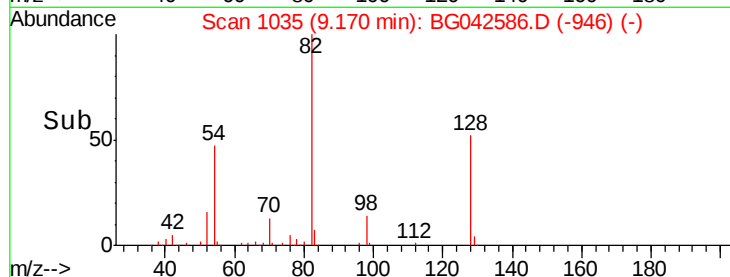
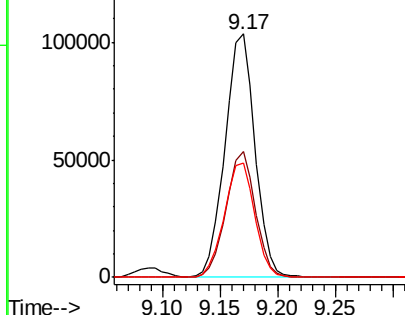


Abundance

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: 49.716 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

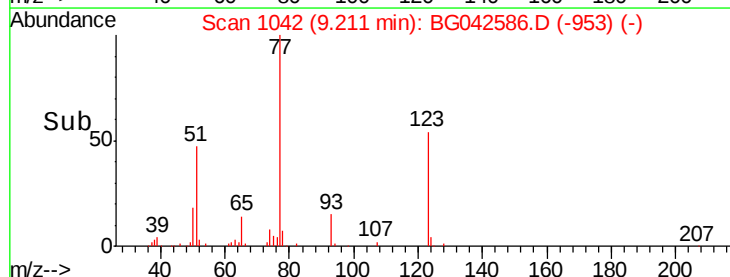
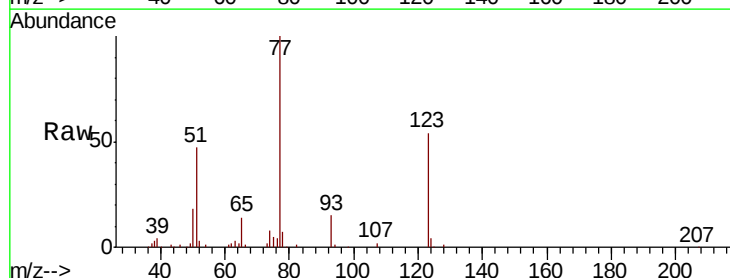
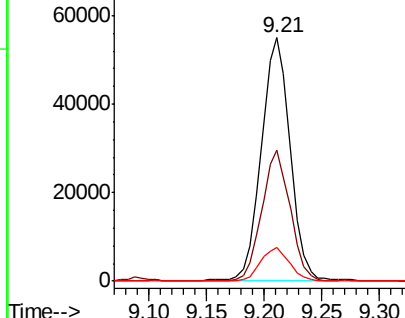
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	95958		
123	53.7		43.4	65.0
65	13.7		11.0	16.6

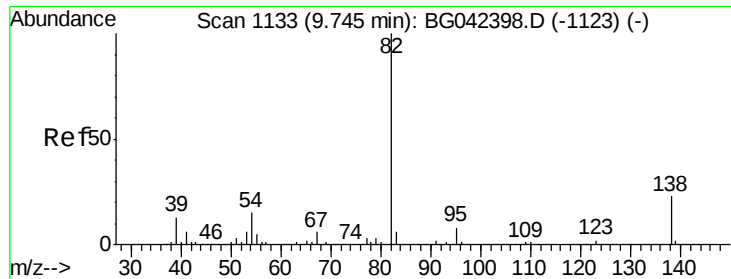
Abundance

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





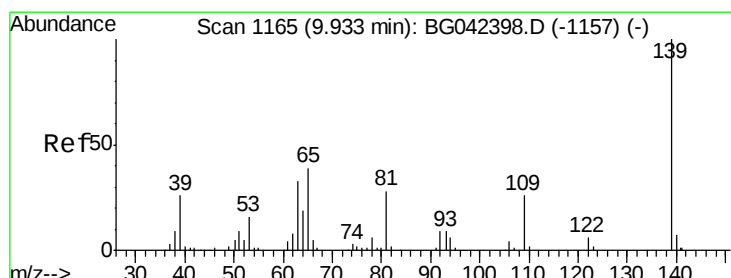
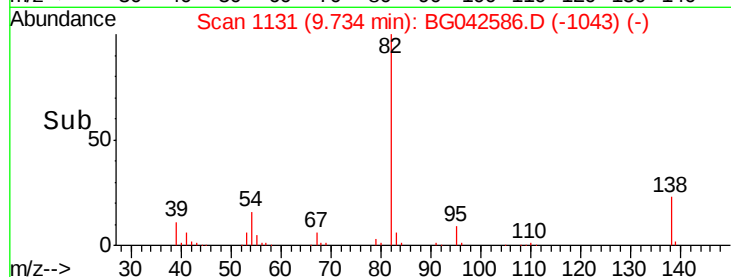
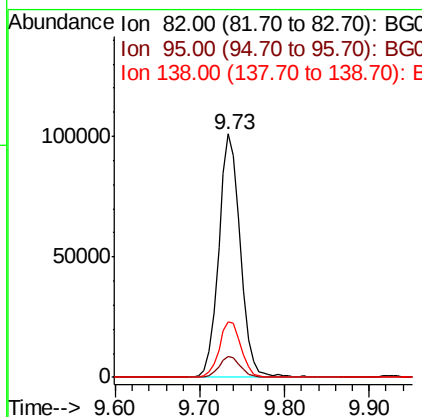
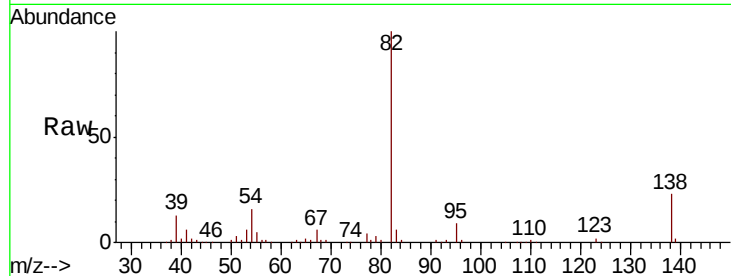
#25
Isophorone
Concen: 47.603 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	179065		
95	8.7	6.6	9.8	
138	22.9	18.6	27.8	

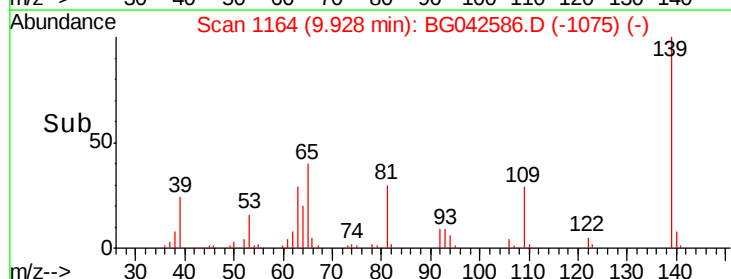
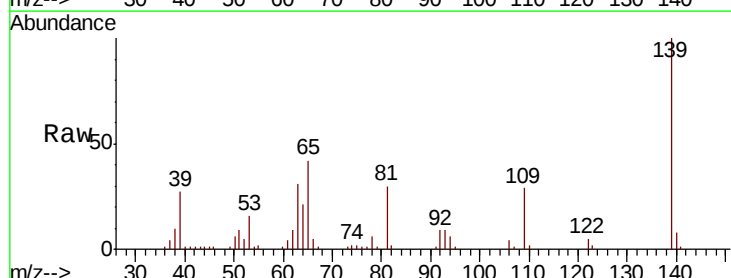
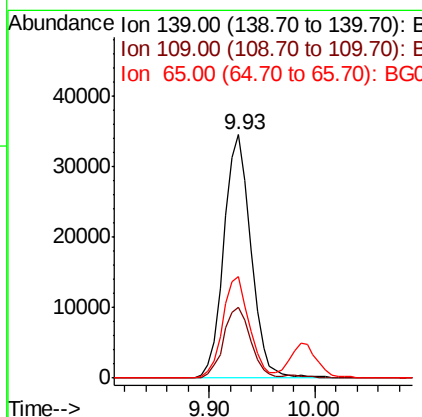
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#26
2-Nitrophenol
Concen: 50.804 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61449		
109	29.0	20.5	30.7	
65	41.6	30.9	46.3	





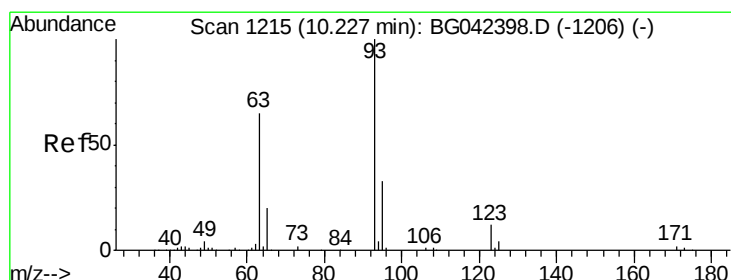
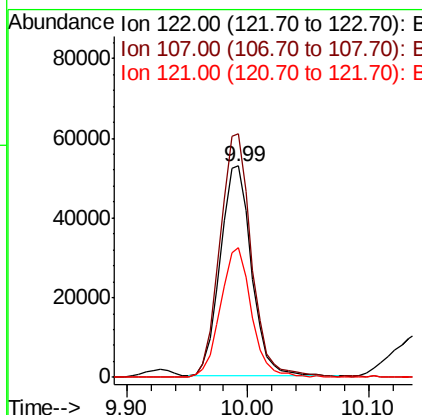
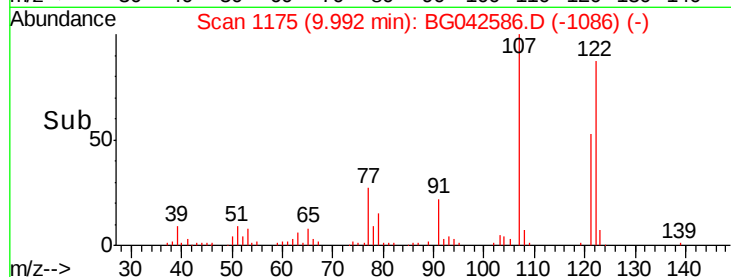
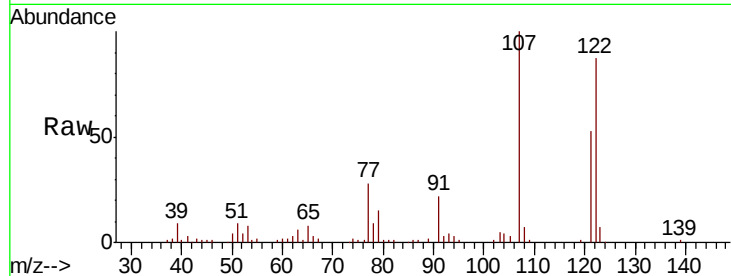
#27
 2,4-Dimethylphenol
 Concen: 56.862 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		94740		
107	115.4	90.8	136.2		
121	61.5	49.6	74.4		

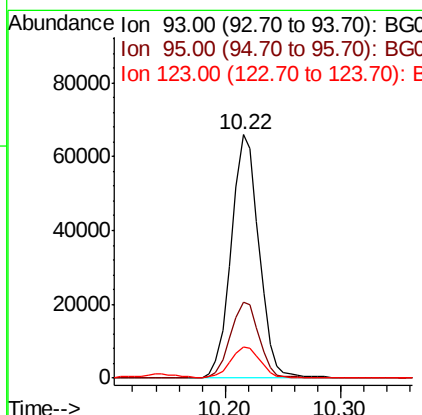
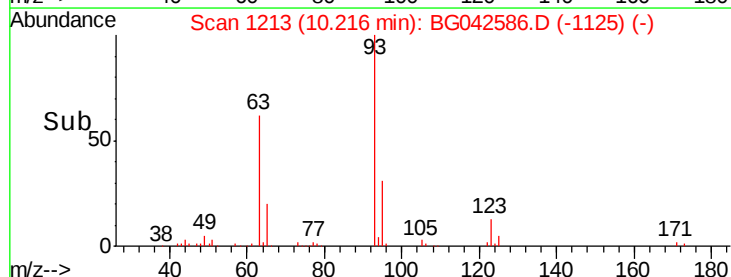
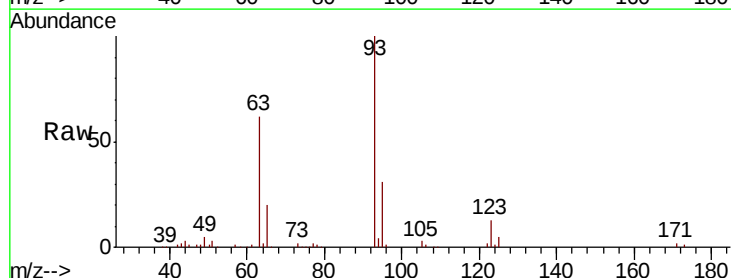
Manual Integrations
 APPROVED

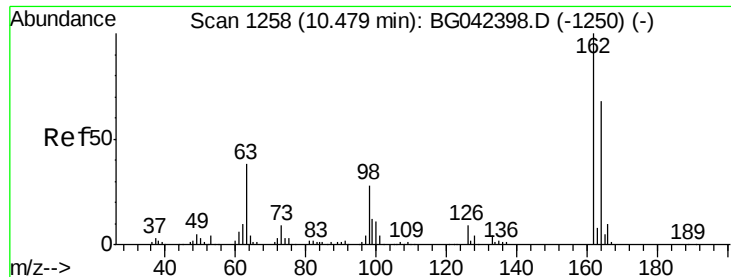
Jagrut
 8/30/2019 7:58:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.501 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		110247		
95	31.2	26.6	40.0		
123	13.0	10.1	15.1		





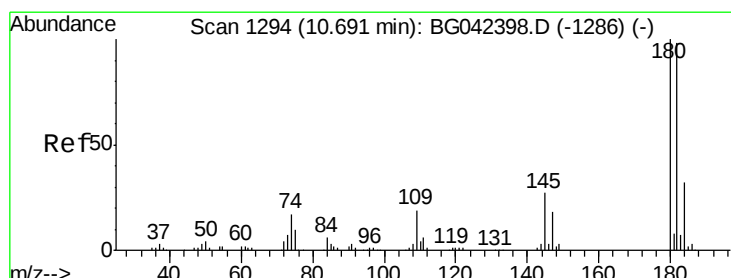
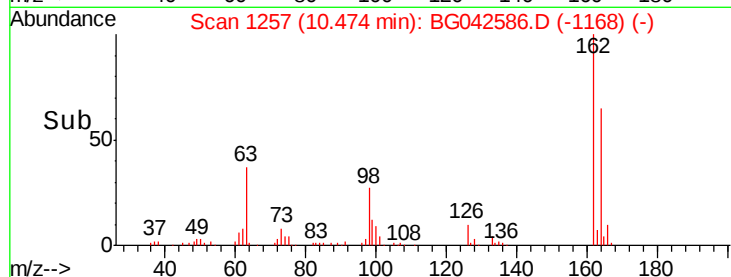
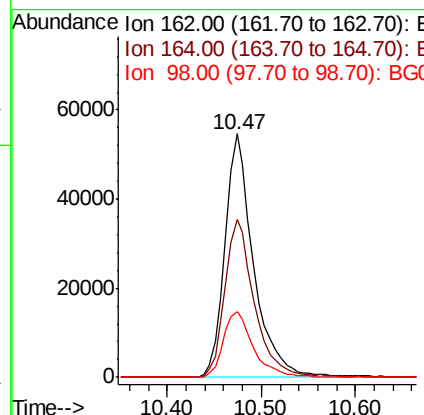
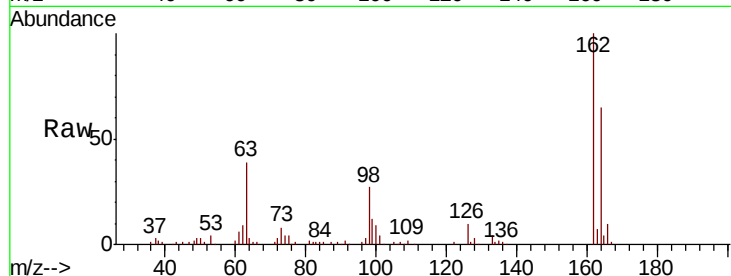
#29
2,4-Dichlorophenol
Concen: 53.164 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	115892		
164	65.0	48.1	88.1	
98	27.2	7.6	47.6	

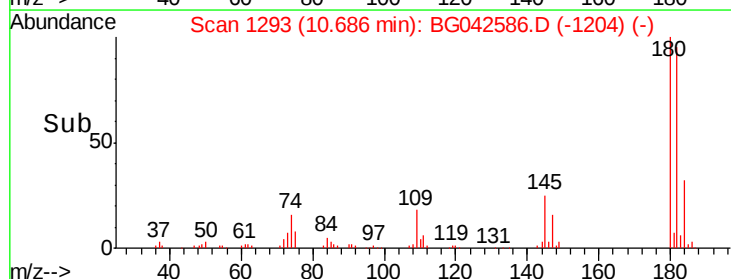
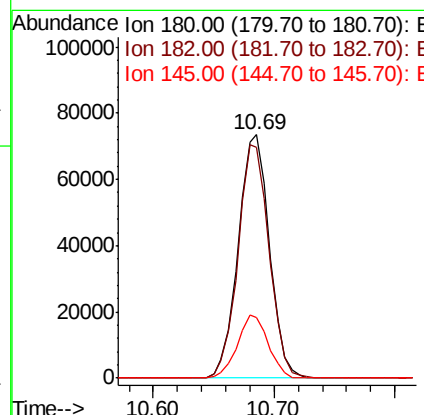
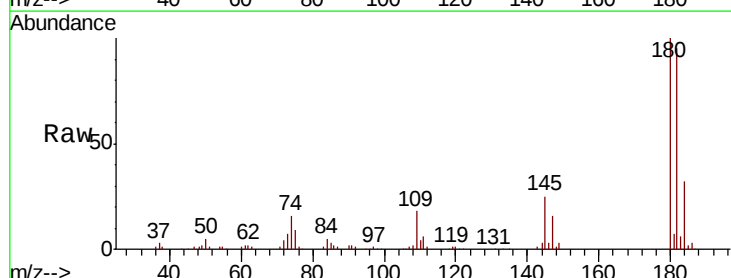
Manual Integrations
APPROVED

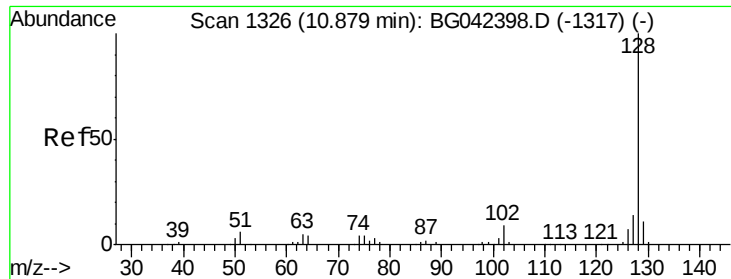
Jagrut
8/30/2019 7:58:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.405 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132192		
182	94.6	78.7	118.1	
145	25.1	21.6	32.4	





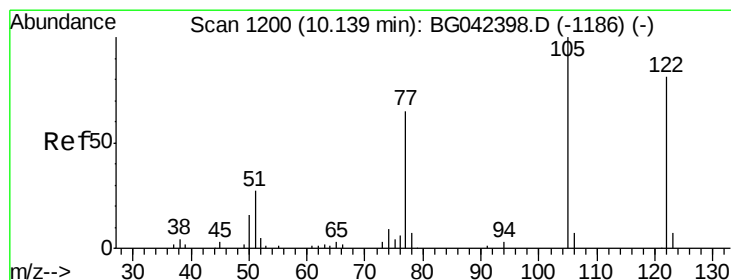
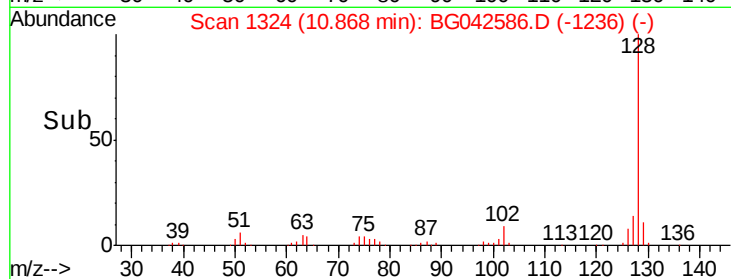
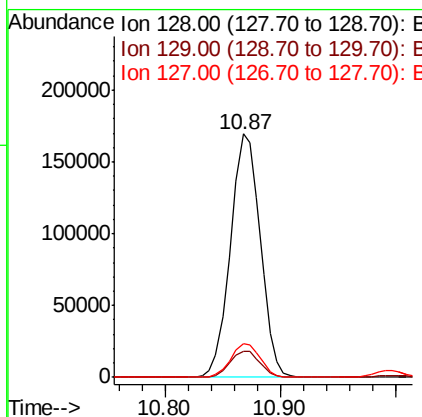
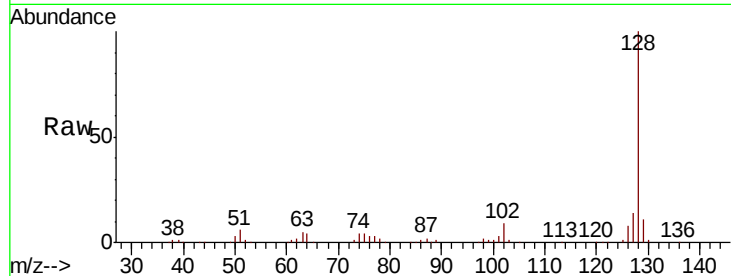
#31
Naphthalene
Concen: 49.591 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	303254		
129	10.8		8.8	13.2
127	13.9		11.4	17.0

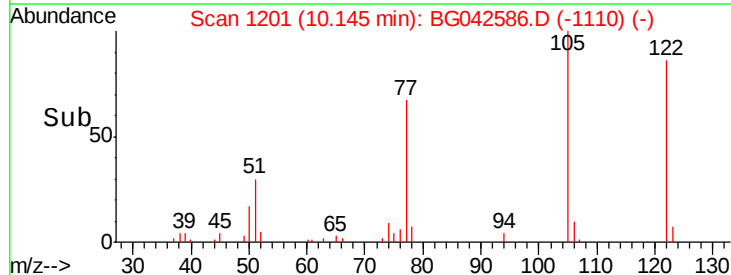
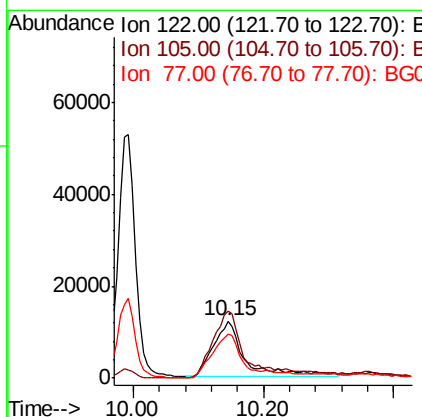
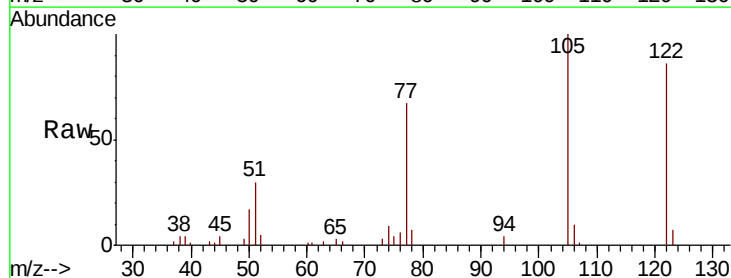
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#32
Benzoic acid
Concen: 36.784 ng m
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41697		
105	116.9		99.6	139.6
77	78.0		59.5	99.5





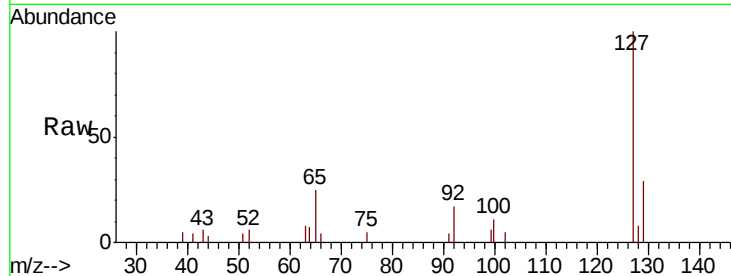
#33
4-Chloroaniline
Concen: 3.841 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

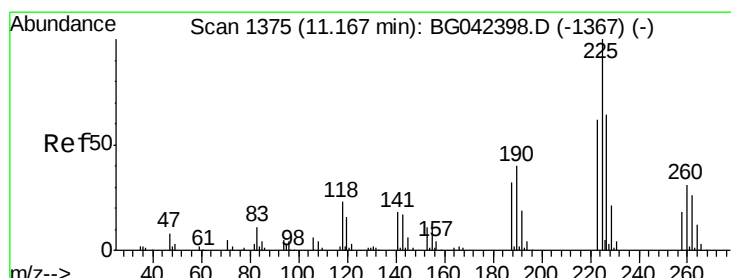
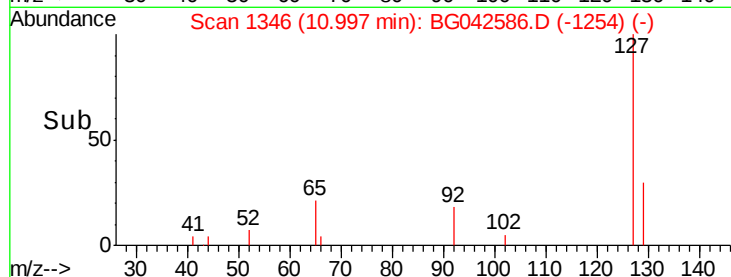
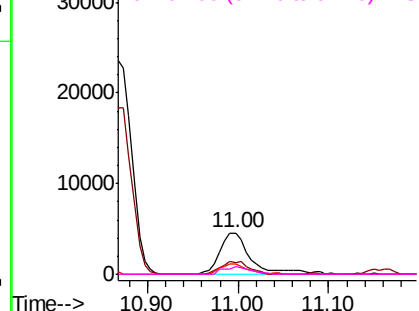
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.6	26.8	40.2		
65	24.5	20.7	31.1		
92	17.2	13.6	20.4		

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

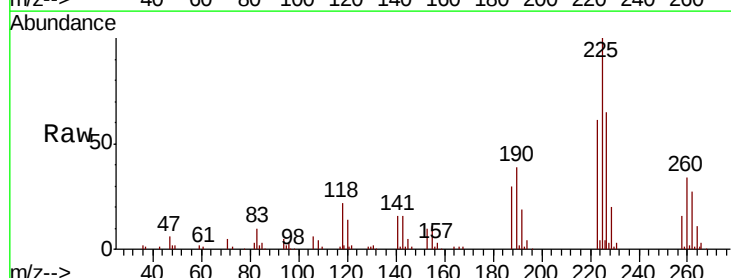


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

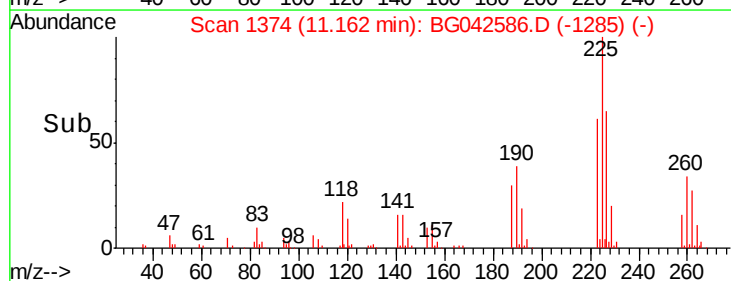
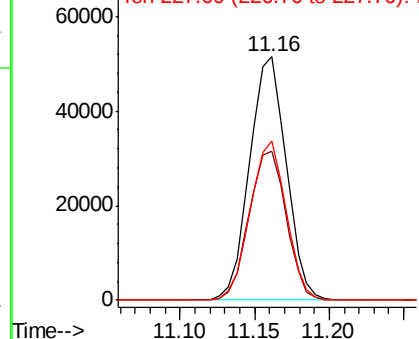


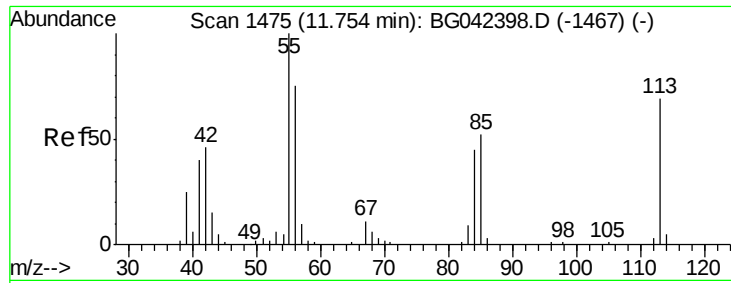
#34
Hexachlorobutadiene
Concen: 48.510 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.8	74.6		
227	65.4	50.9	76.3		



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





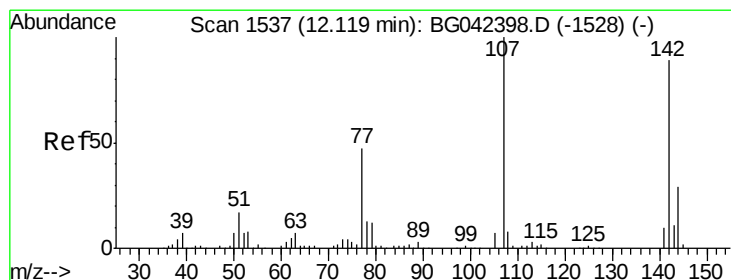
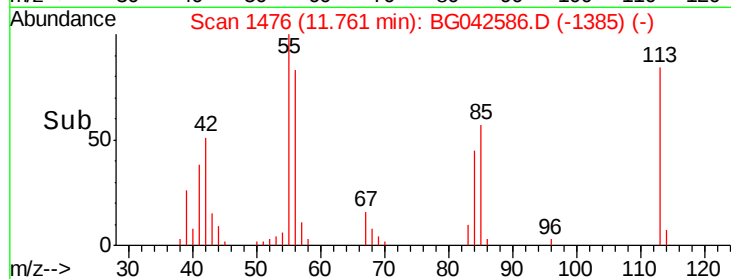
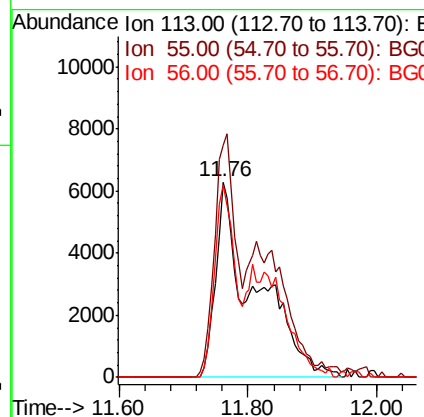
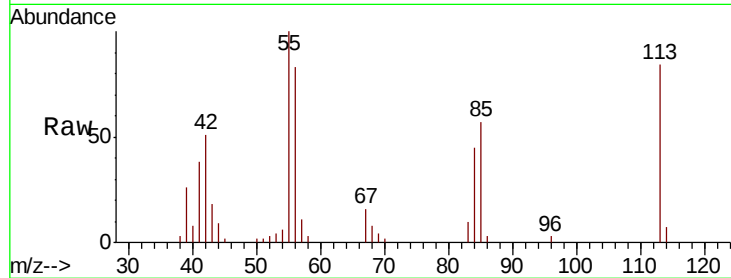
#35
 Caprolactam
 Concen: 36.059 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleID :
 SU-01-082819MSD

Tot Ion: 113 Resp: 26229
 Ion Ratio Lower Upper
 113 100
 55 119.1 124.6 164.6#
 56 98.8 88.3 128.3

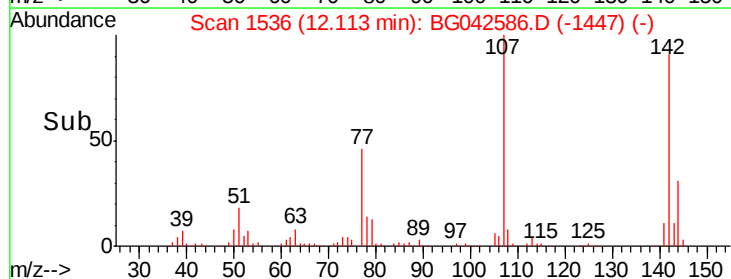
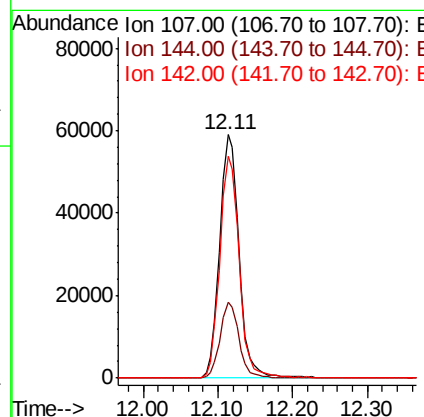
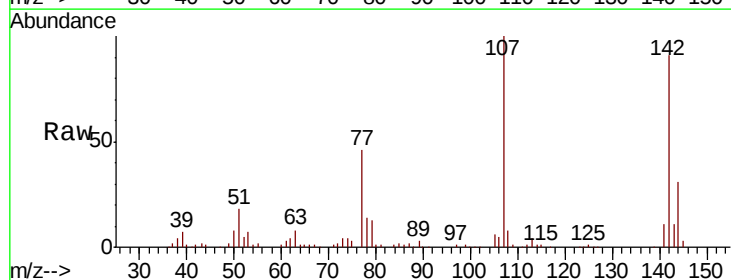
Manual Integrations
 APPROVED

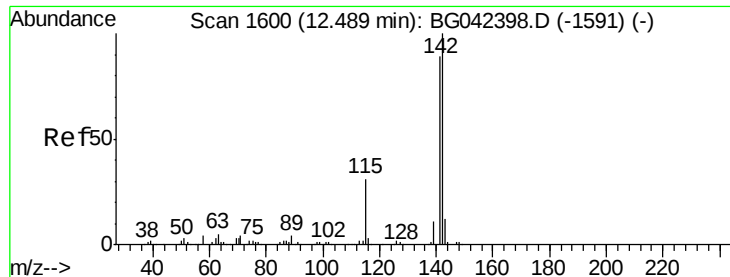
Jagrut
 8/30/2019 7:58:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.341 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion: 107 Resp: 106244
 Ion Ratio Lower Upper
 107 100
 144 31.1 23.6 35.4
 142 91.2 71.0 106.4





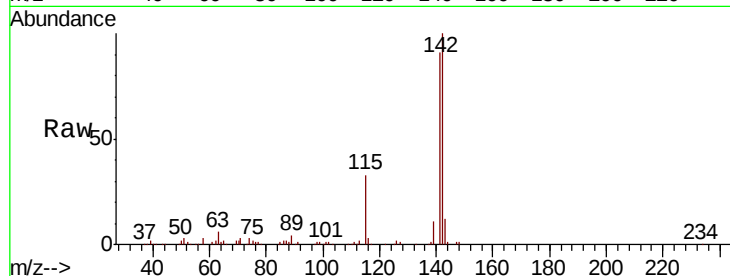
#37
2-Methylnaphthalene
Concen: 49.899 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2
115	32.6	25.2	37.8

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

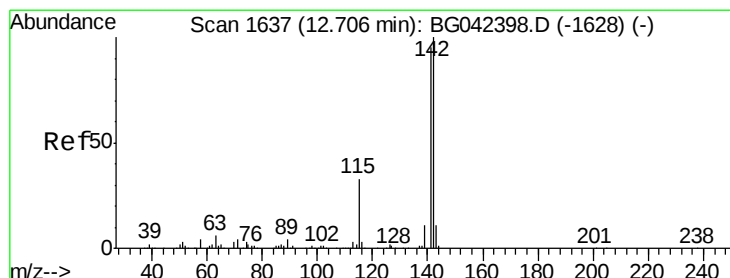
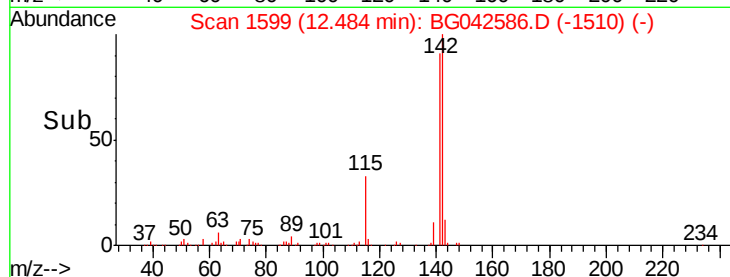
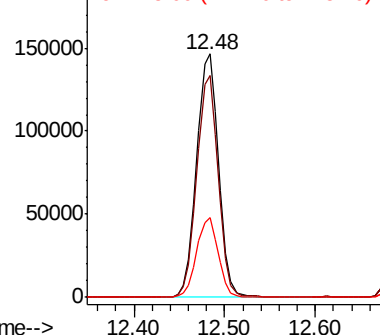


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.968 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

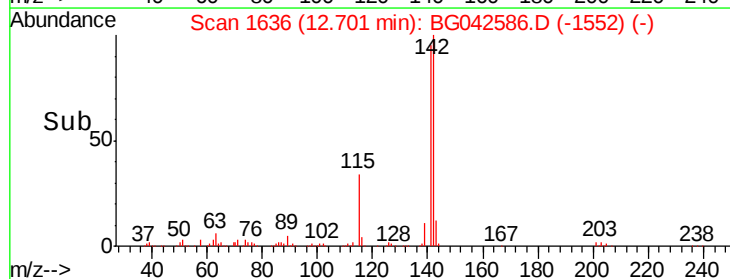
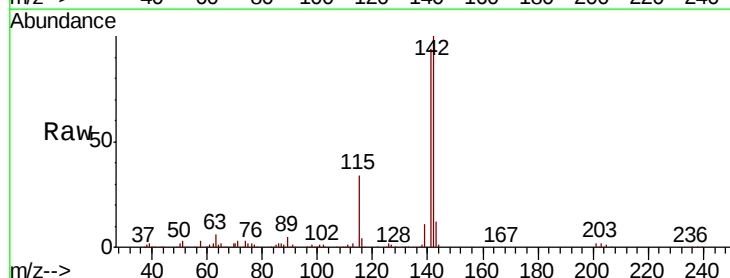
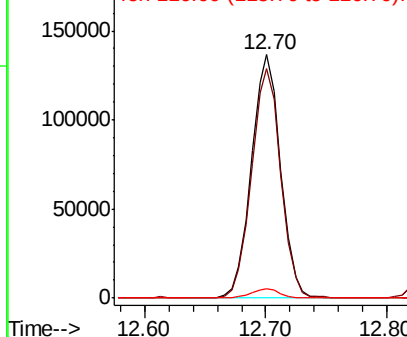
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	76.2	114.2
116	3.9	2.8	4.2

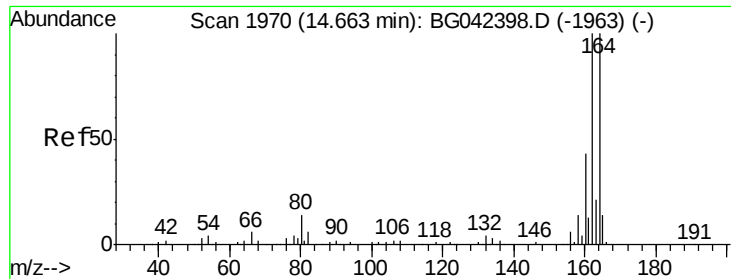
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





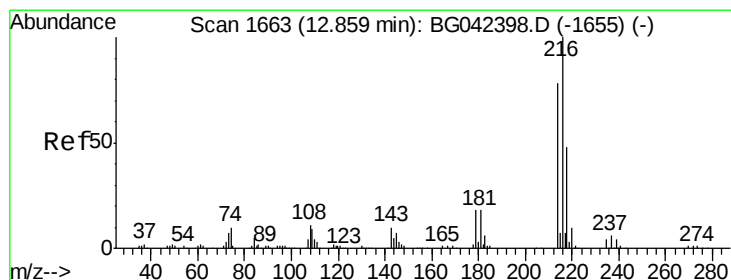
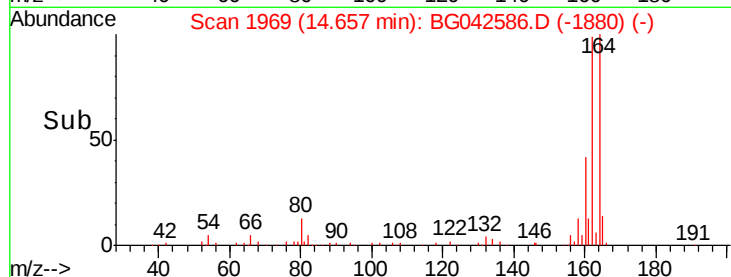
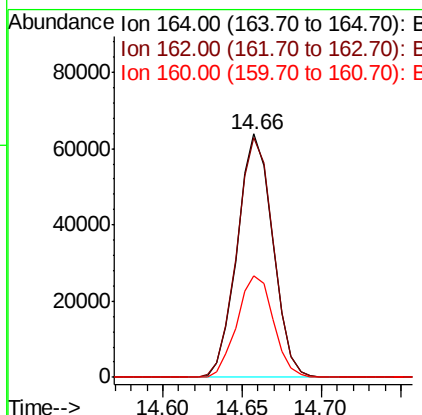
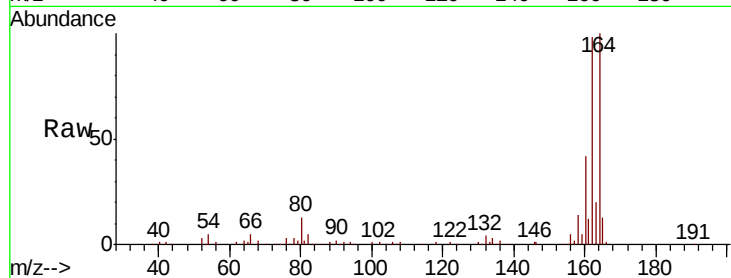
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.9	119.9
160	41.7	34.3	51.5

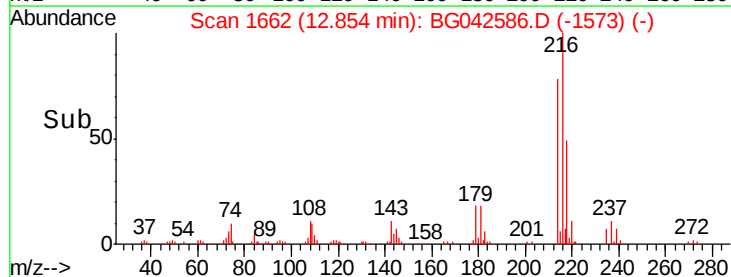
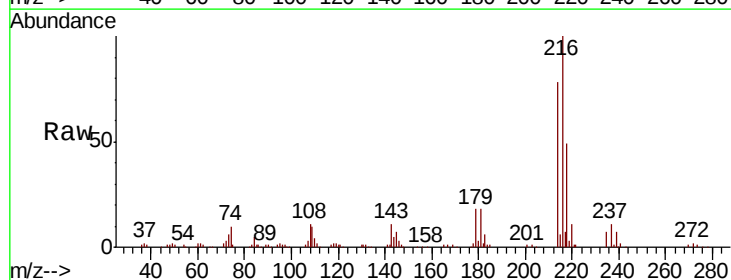
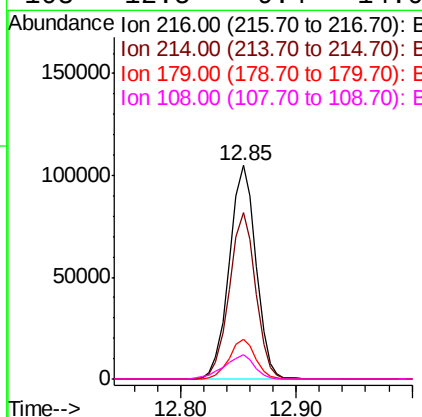
Manual Integrations
APPROVED

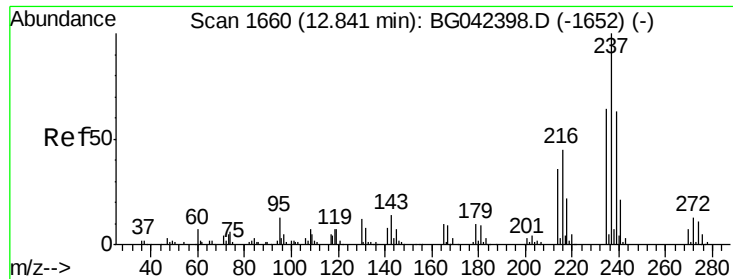
Jagrut
8/30/2019 7:58:22 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.907 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	18.2	15.1	22.7
108	12.5	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 106.916 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

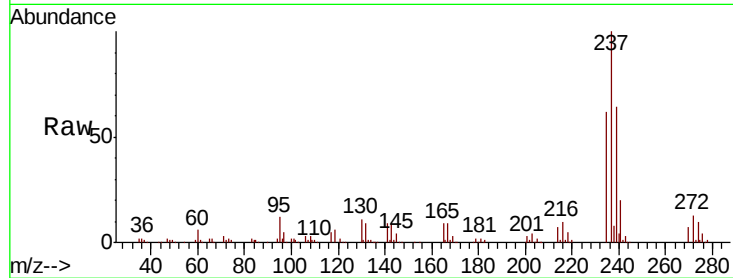
ClientSampleId :

SU-01-082819MSD

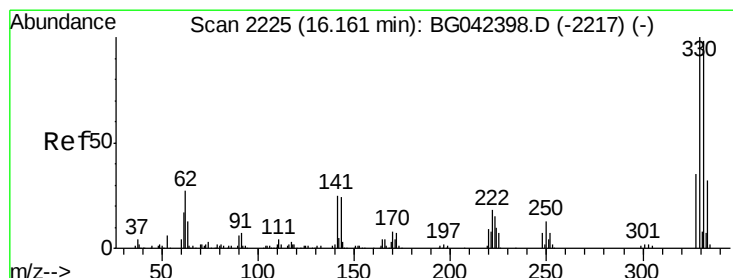
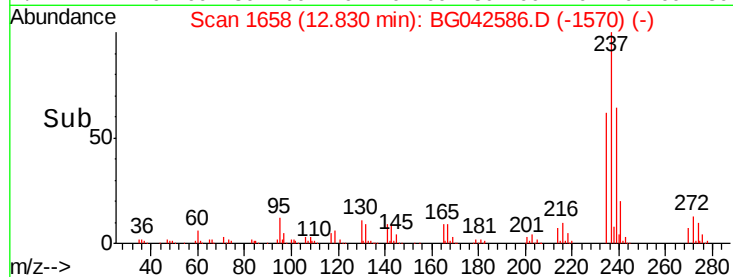
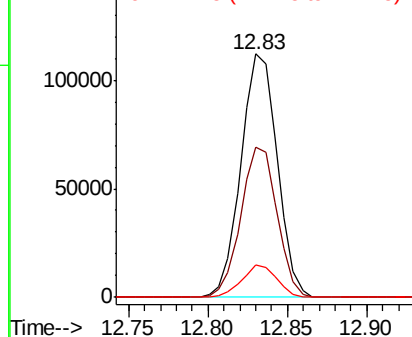
Tot Ion:	237	Resp:	178179
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.7	83.7
272	13.3	0.0	33.3

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.147 ng

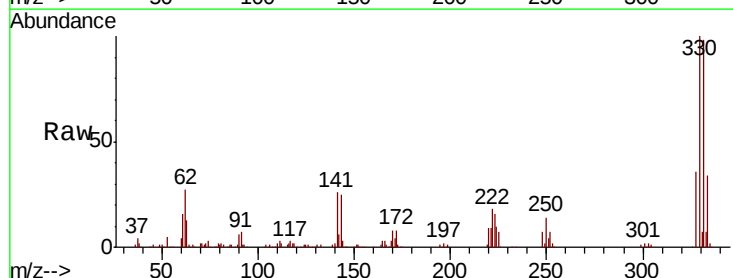
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

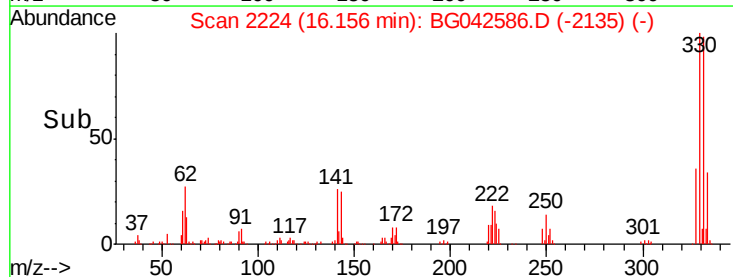
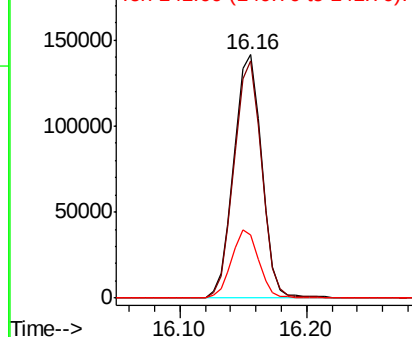
Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:	330	Resp:	215046
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	27.3	21.4	32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





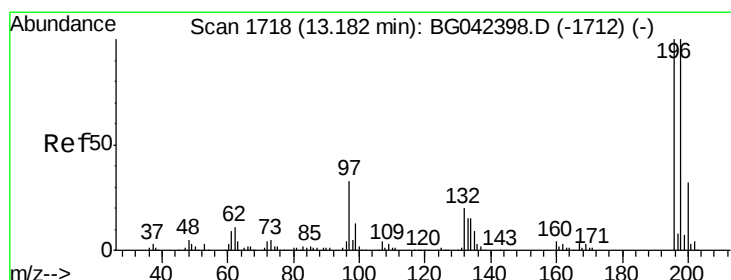
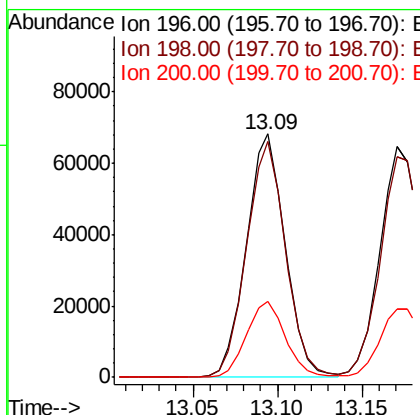
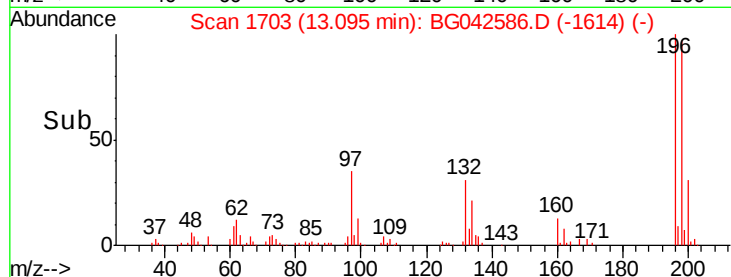
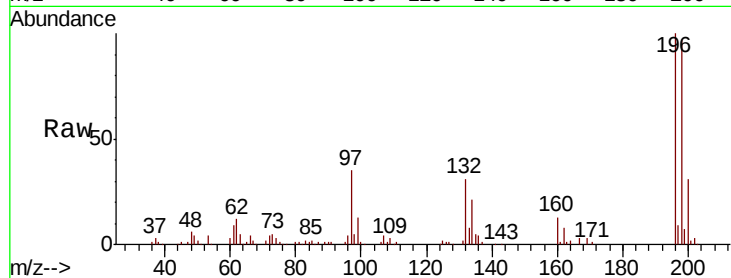
#43
 2,4,6-Trichlorophenol
 Concen: 50.963 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109289		
198	97.1	80.7	121.1	
200	31.0	25.7	38.5	

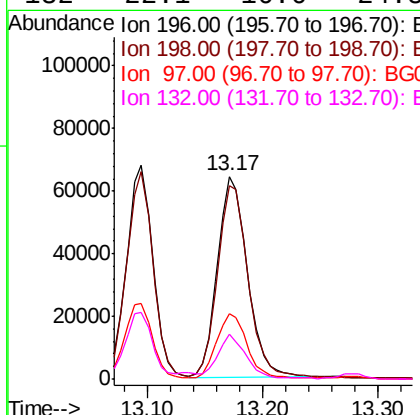
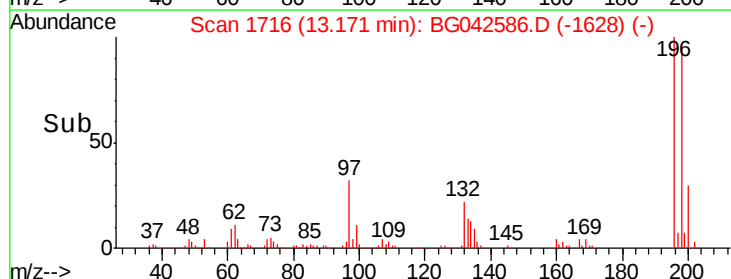
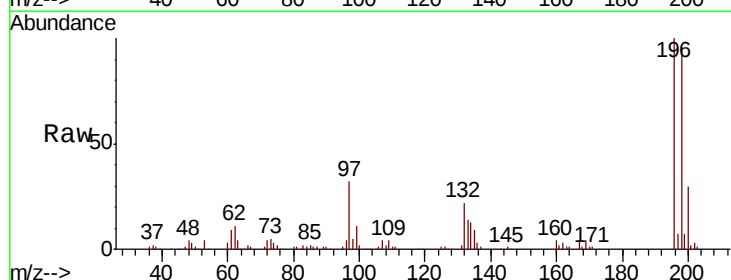
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.452 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116564		
198	95.8	80.2	120.4	
97	32.4	26.3	39.5	
132	22.1	16.6	24.8	





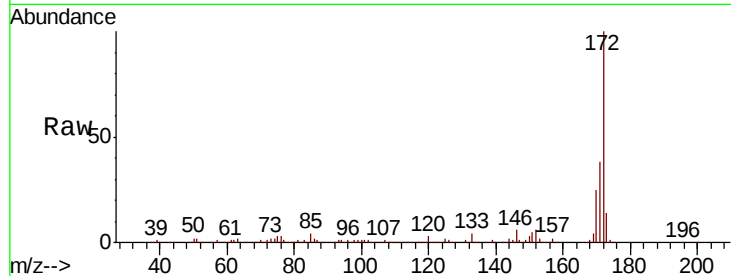
#45
2-Fluorobiphenyl
Concen: 99.752 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

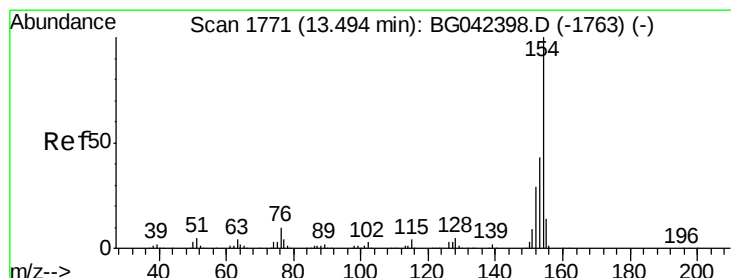
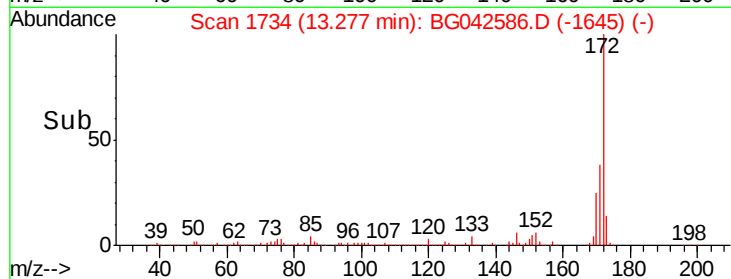
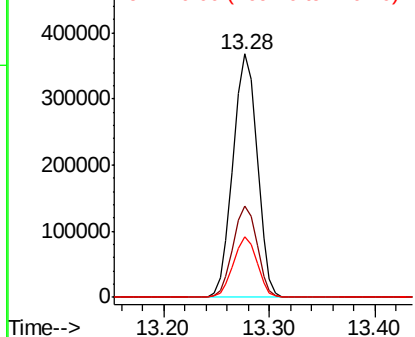
Tot Ion:172	Resp:	582681
Ion Ratio	Lower	Upper
172 100		
171 37.7	30.5	45.7
170 24.7	20.2	30.2

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

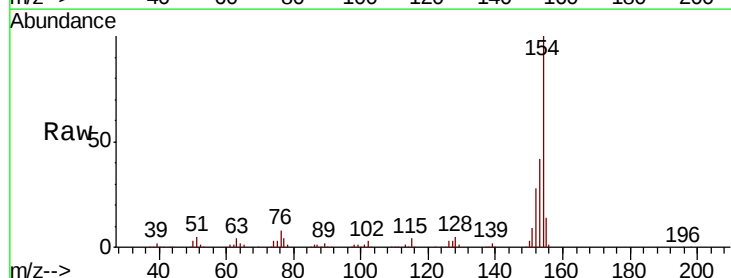


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

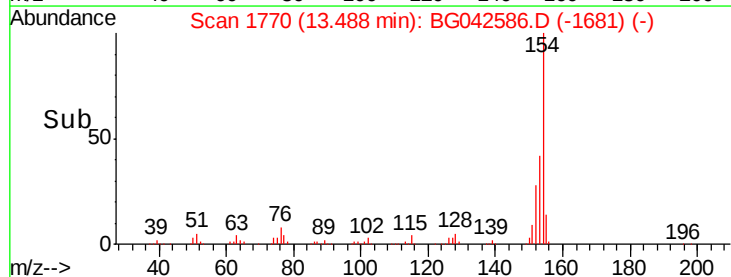
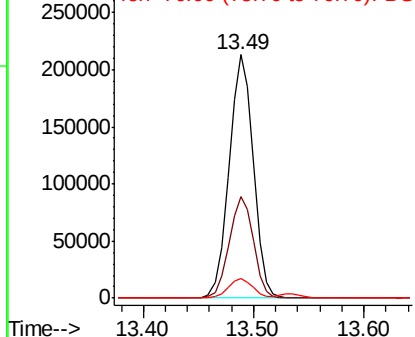


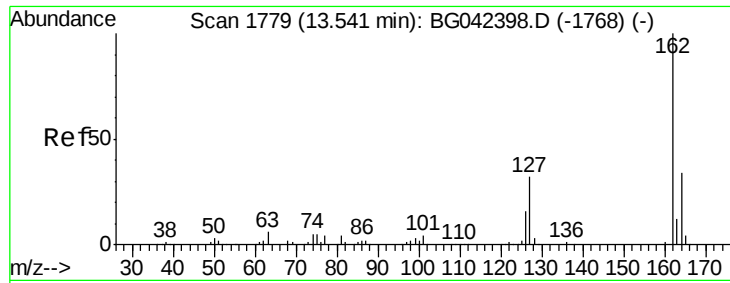
#46
1,1'-Biphenyl
Concen: 51.112 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:154	Resp:	326406
Ion Ratio	Lower	Upper
154 100		
153 41.7	23.0	63.0
76 8.3	0.0	29.6



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





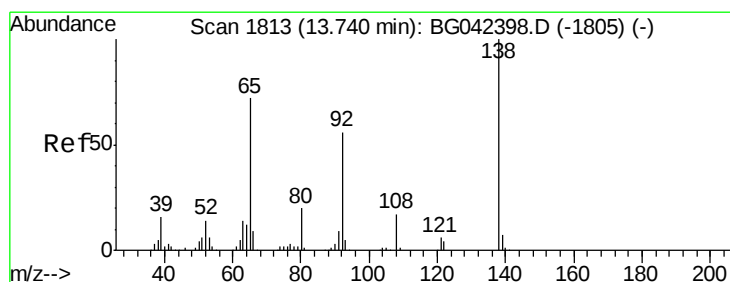
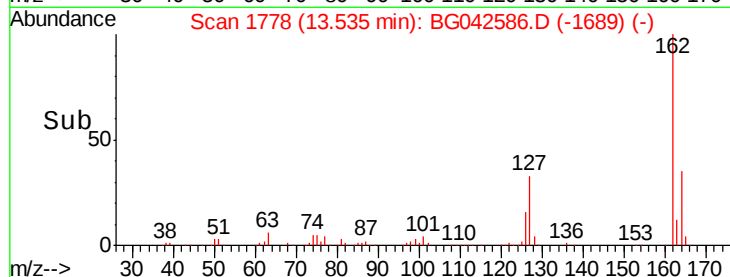
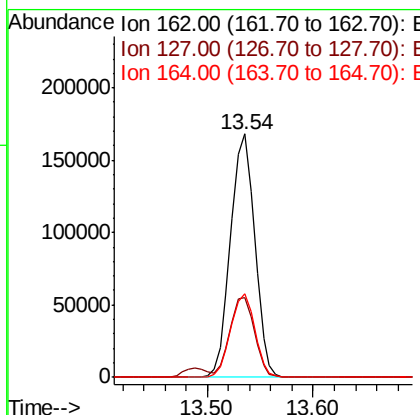
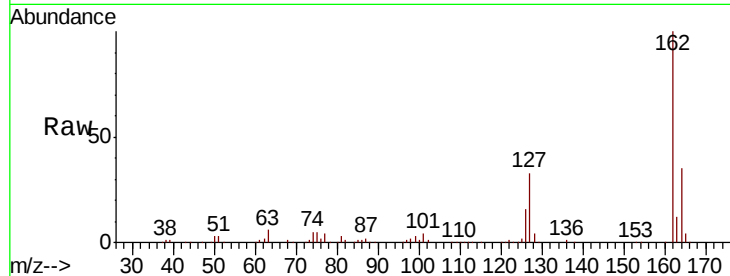
#47
2-Chloronaphthalene
Concen: 48.529 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.9	26.0	39.0
164	34.6	27.4	41.0

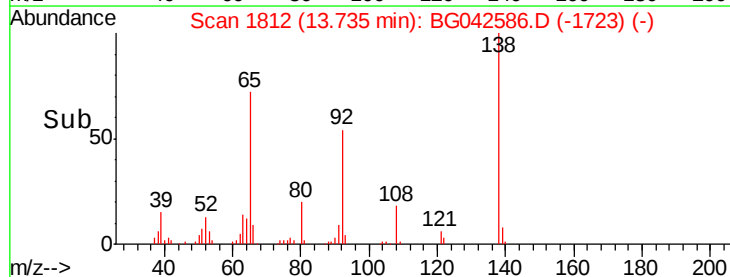
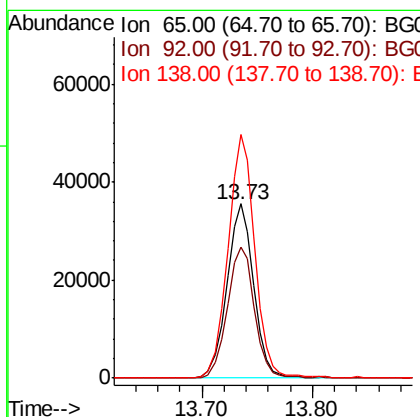
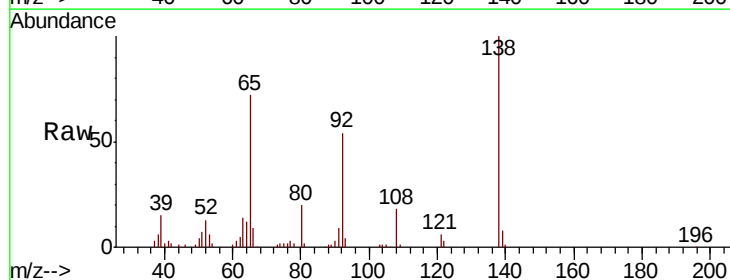
Manual Integrations
APPROVED

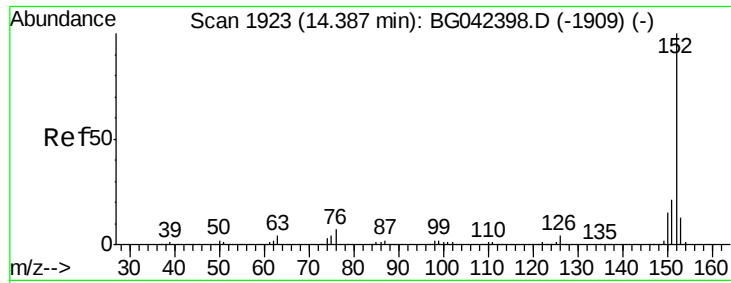
Jagrut
8/30/2019 7:58:22 PM



#48
2-Nitroaniline
Concen: 45.268 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	61.8	92.6
138	139.7	111.0	166.6





#49

Acenaphthylene

Concen: 51.047 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tot Ion:152 Resp: 422886

Ion Ratio Lower Upper

152 100

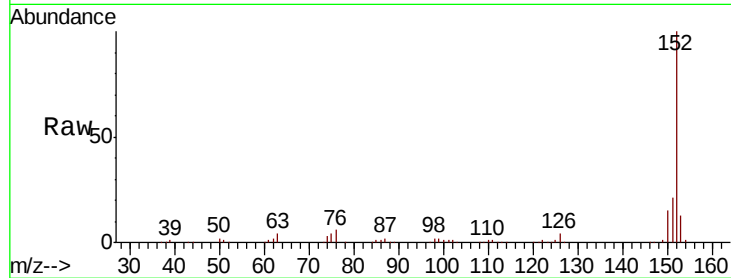
151 20.8 17.0 25.4

153 13.3 10.6 16.0

Manual Integrations
APPROVED

Jagrut

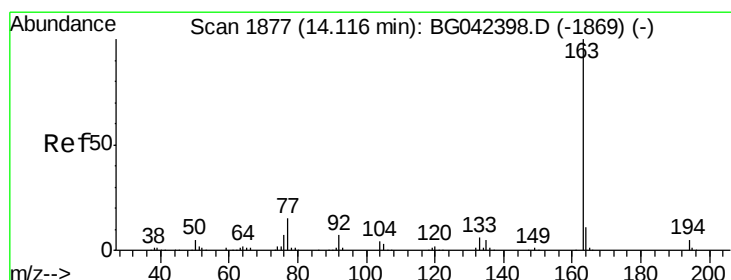
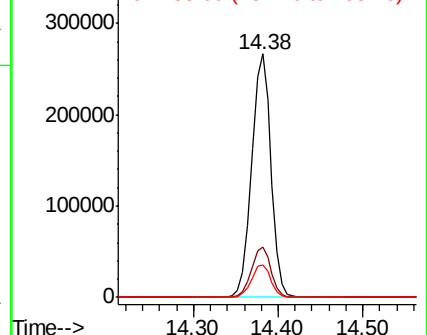
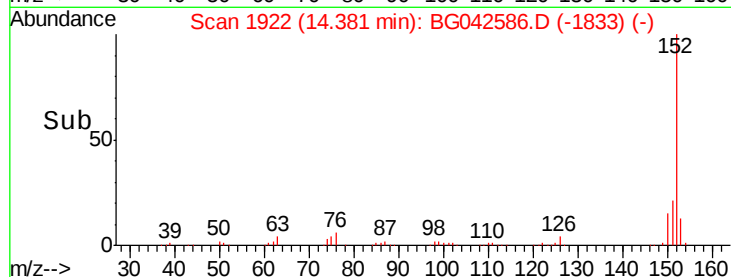
8/30/2019 7:58:22 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.800 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

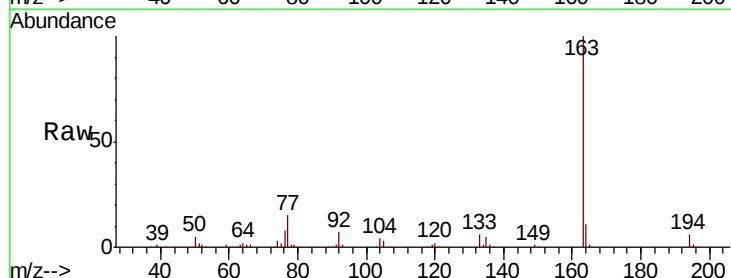
Tgt Ion:163 Resp: 362119

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

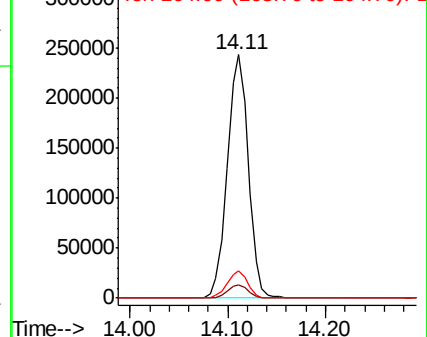
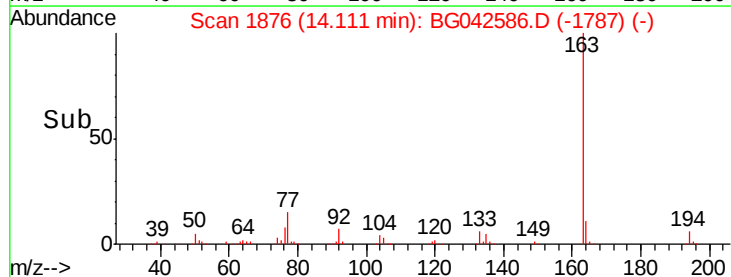
164 11.0 8.8 13.2

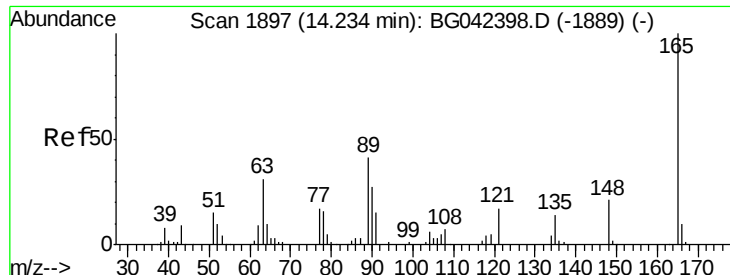


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





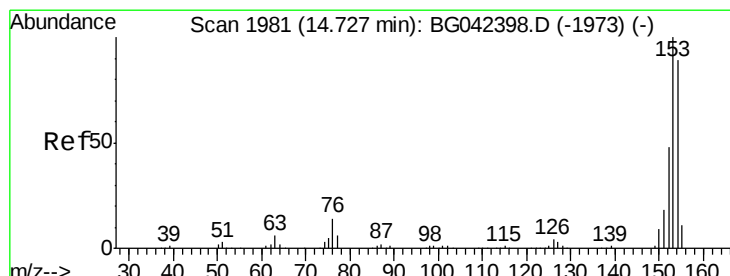
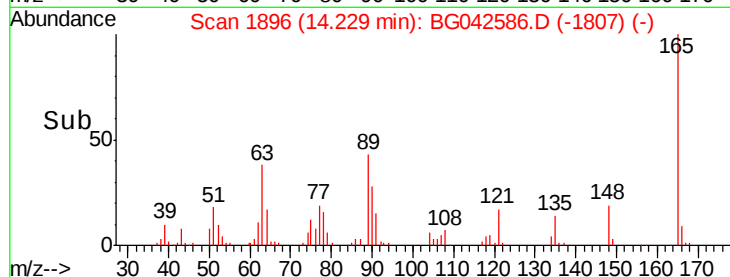
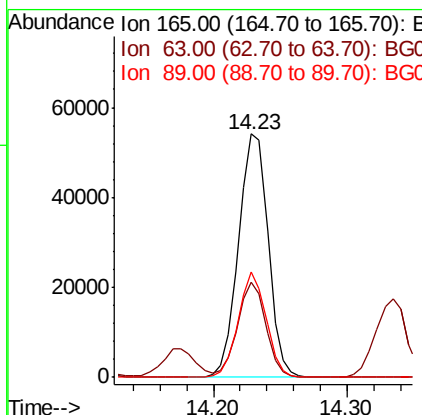
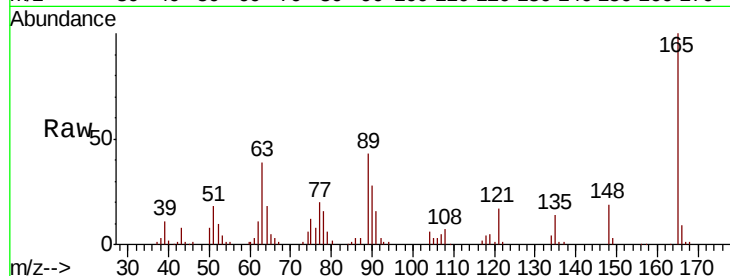
#51
 2,6-Dinitrotoluene
 Concen: 50.317 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	83138		
63	39.1	30.6	45.8	
89	43.4	32.6	49.0	

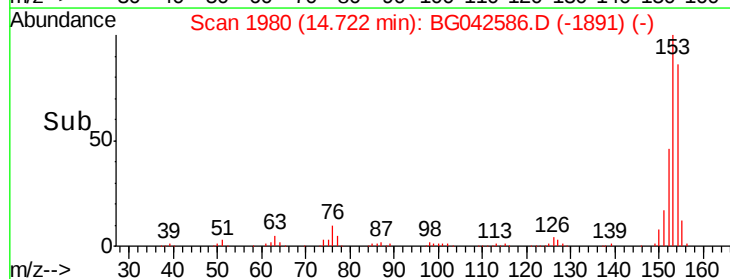
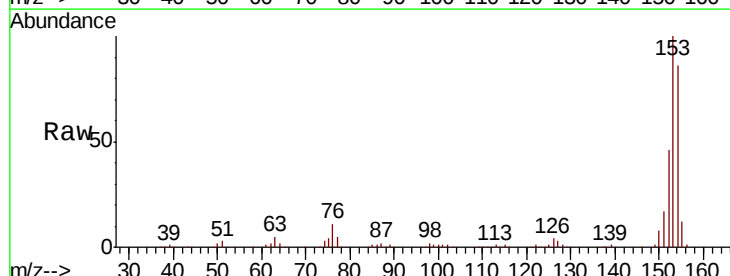
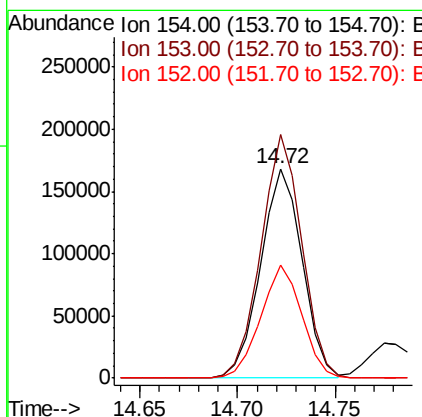
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#52
 Acenaphthene
 Concen: 49.281 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	247903		
153	116.3	90.2	135.4	
152	53.7	43.2	64.8	





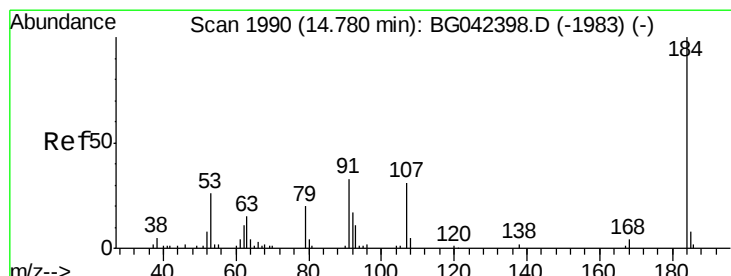
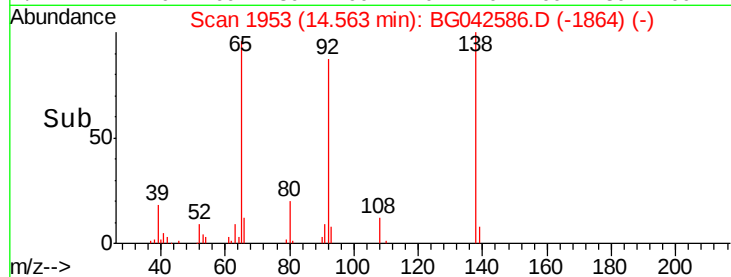
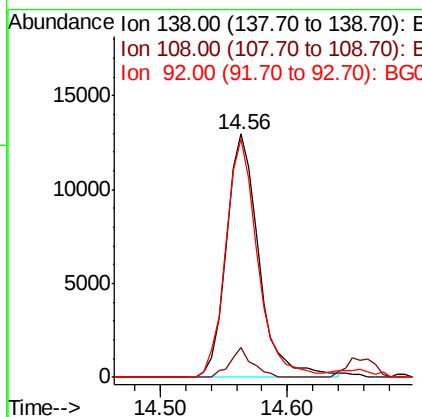
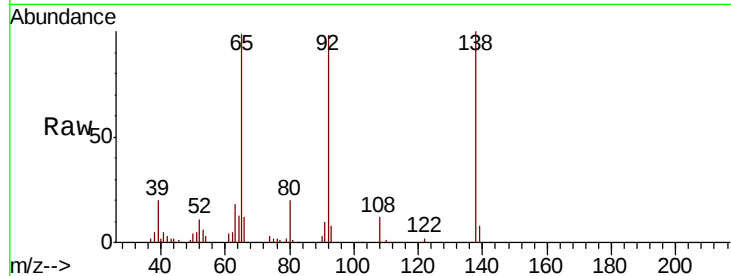
#53
3-Nitroaniline
Concen: 13.847 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.3	12.5
92	98.1	78.2	117.4

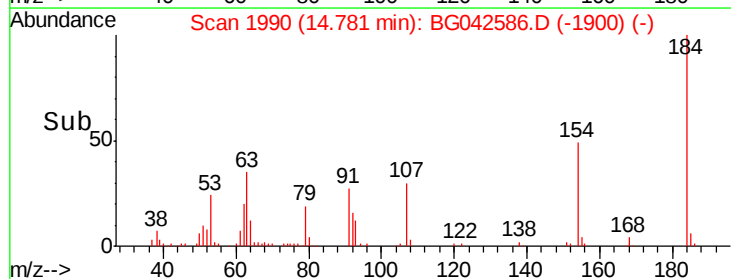
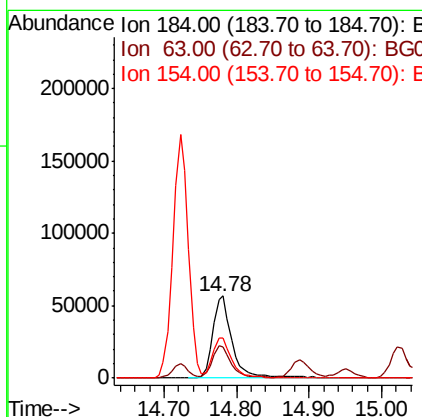
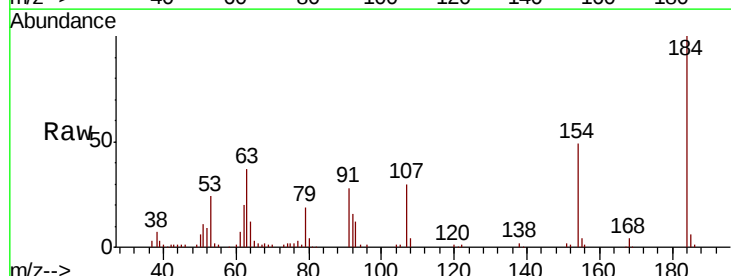
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#54
2,4-Dinitrophenol
Concen: 92.638 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.2	31.7	47.5
154	48.6	42.0	63.0





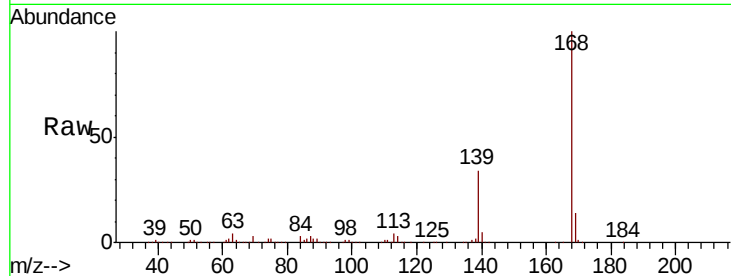
#55
Dibenzenofuran
Concen: 51.532 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.2	40.8
169	14.0	11.5	17.3

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM

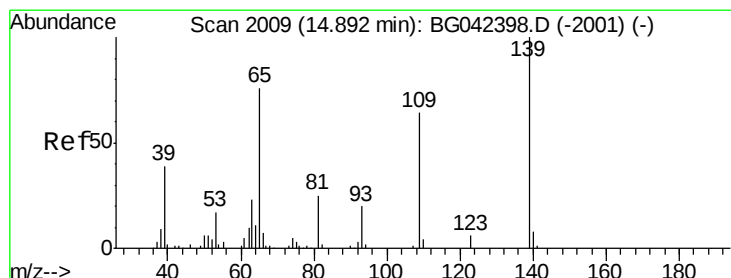
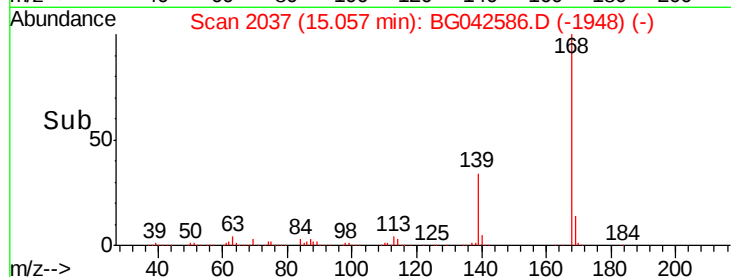
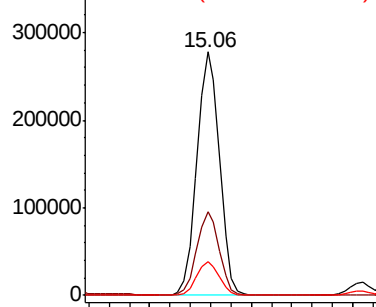


Abundance

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



#56
4-Nitrophenol
Concen: 92.352 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

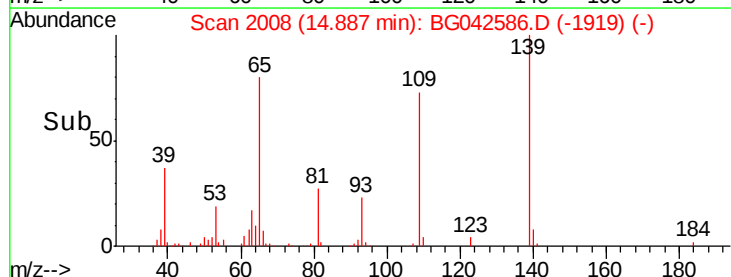
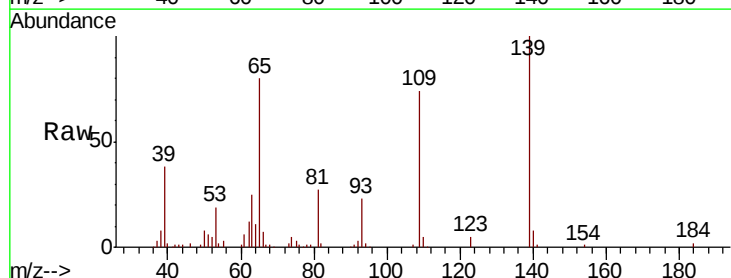
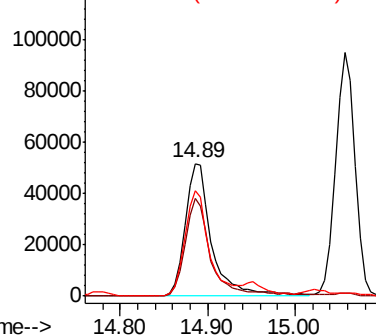
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	43.9	83.9
65	79.6	56.3	96.3

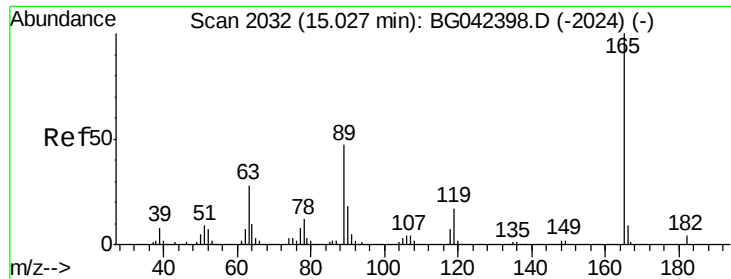
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





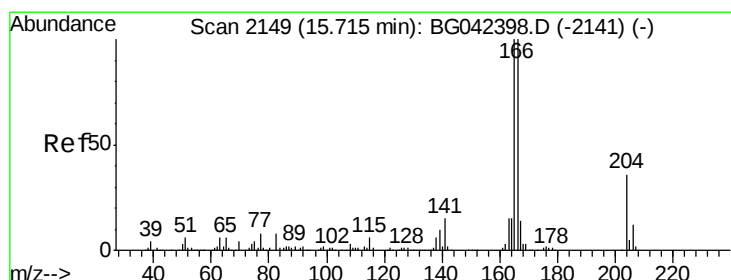
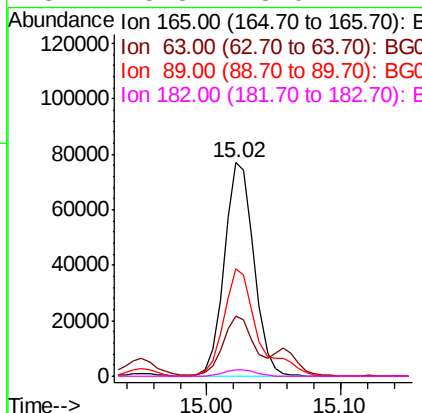
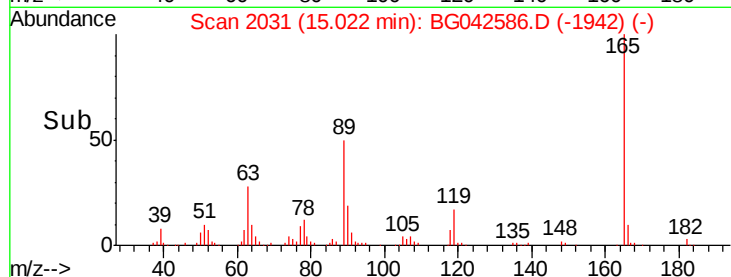
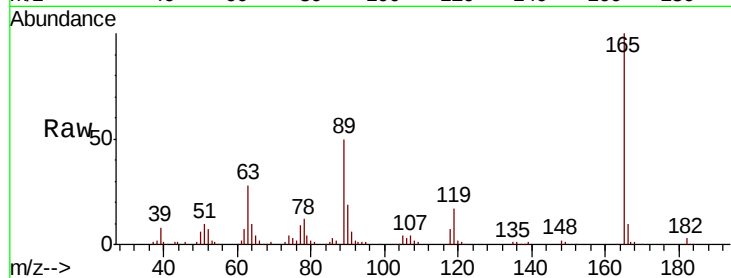
#57
 2,4-Dinitrotoluene
 Concen: 50.409 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	119269		
63	28.4	22.5	33.7	
89	50.5	37.8	56.6	
182	3.3	3.0	4.4	

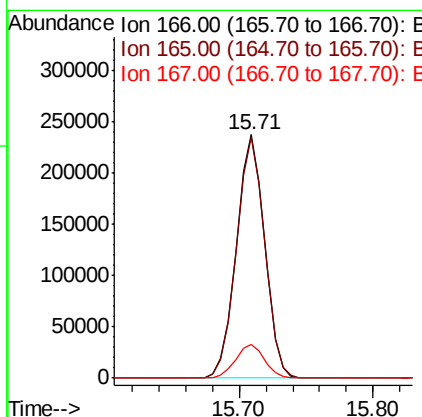
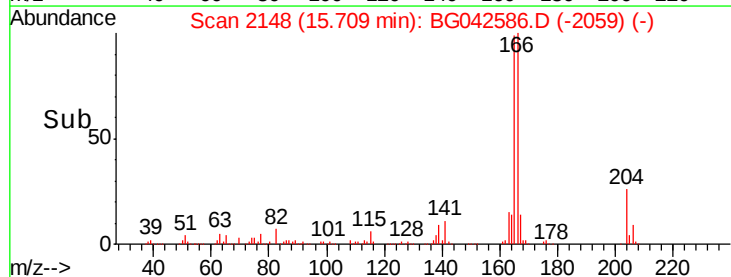
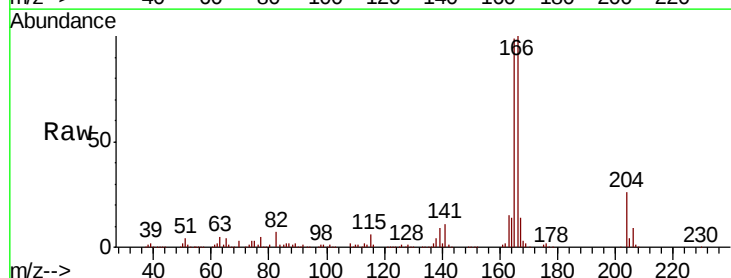
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#58
 Fluorene
 Concen: 51.172 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	348305		
165	98.8	79.7	119.5	
167	13.9	10.9	16.3	





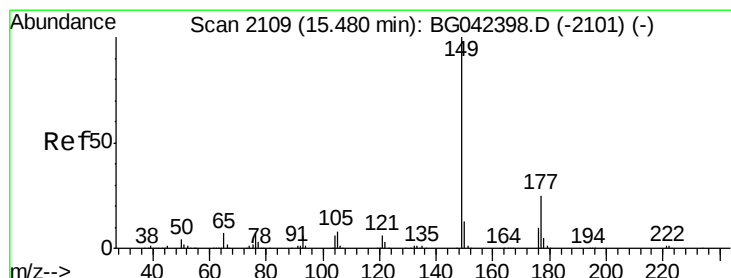
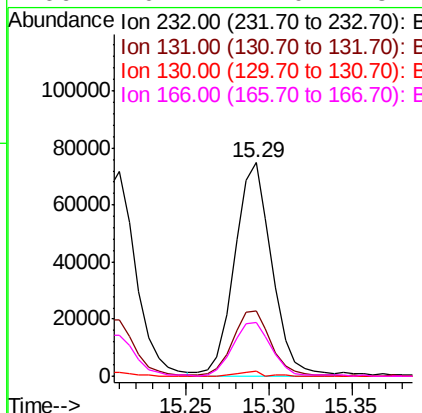
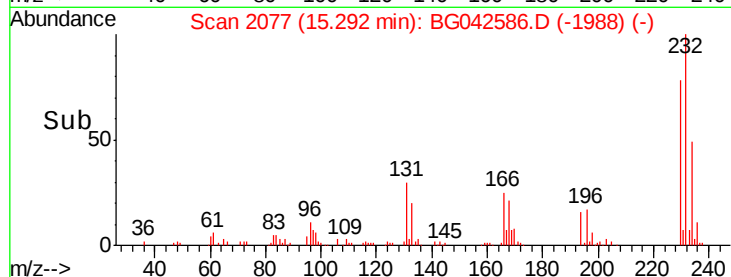
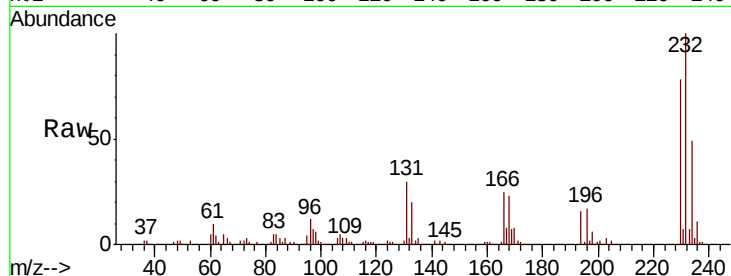
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.564 ng/ml
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117716		
131	27.4		22.9	34.3
130	1.6		1.4	2.0
166	20.1		17.0	25.4

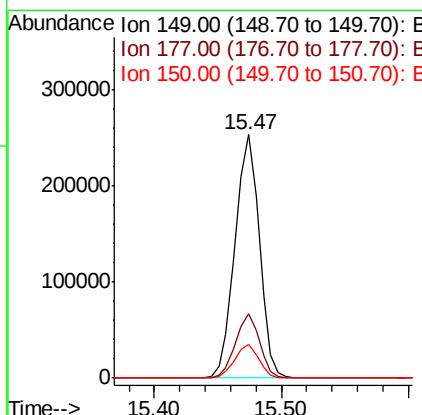
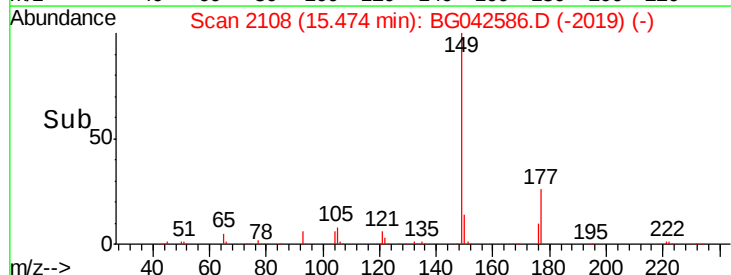
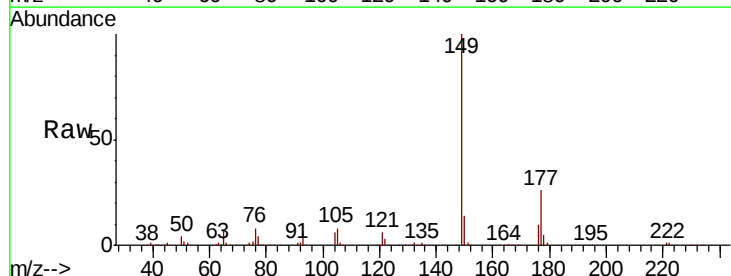
Manual Integrations
 APPROVED

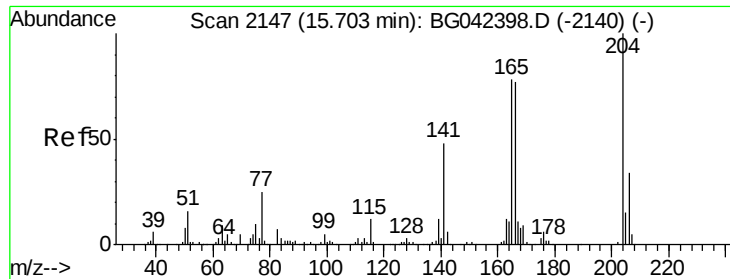
Jagrut
 8/30/2019 7:58:22 PM



#60
 Diethylphthalate
 Concen: 48.065 ng/ml
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	334930		
177	26.4		20.4	30.6
150	13.6		10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 50.354 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

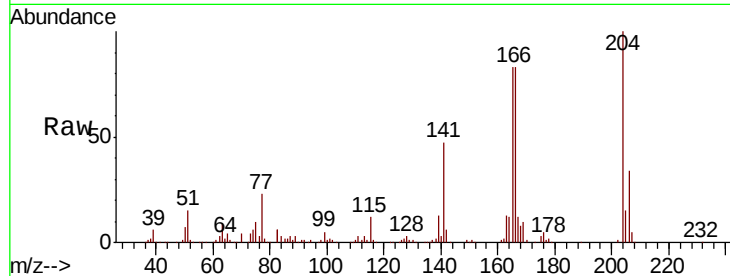
ClientSampleId :

SU-01-082819MSD

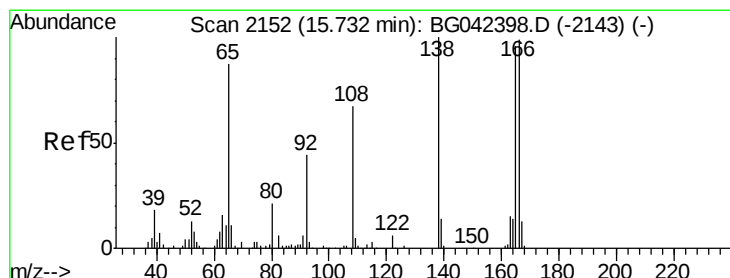
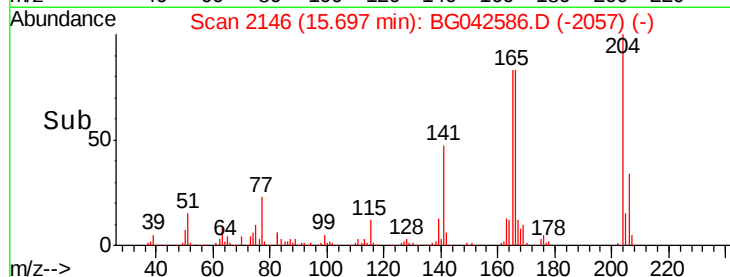
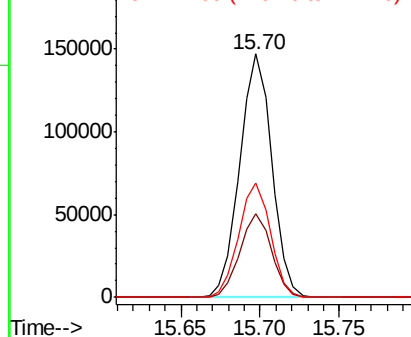
Tot Ion:	204	Resp:	206606
Ion Ratio	Lower	Upper	
204	100		
206	34.4	27.2	40.8
141	46.8	38.7	58.1

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.773 ng

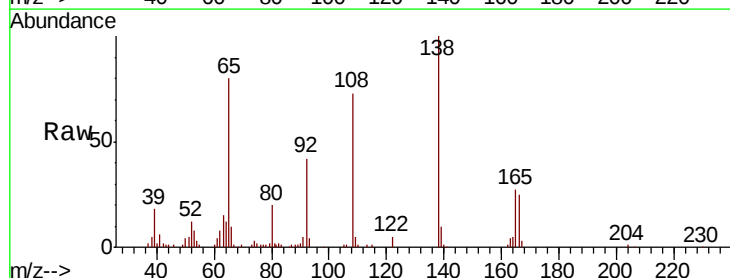
RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

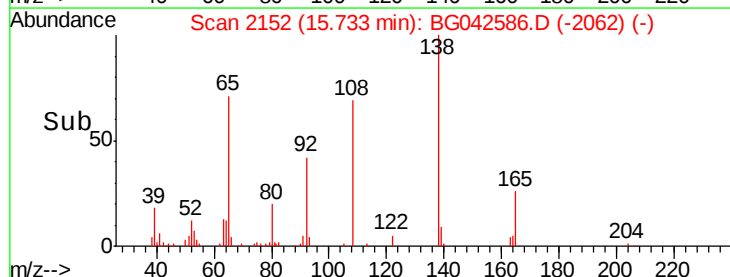
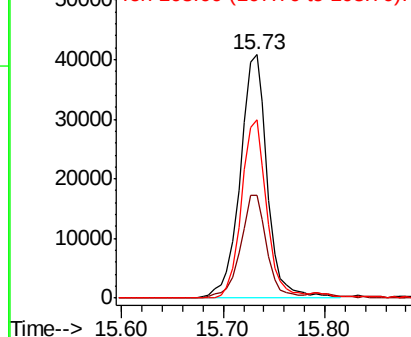
Lab File: BG042586.D

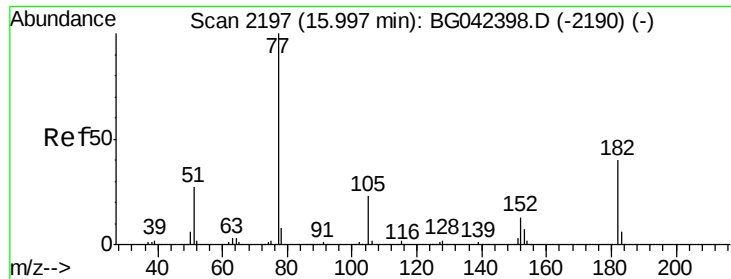
Acq: 30 Aug 2019 4:31

Tgt Ion:	138	Resp:	75645
Ion Ratio	Lower	Upper	
138	100		
92	42.2	24.2	64.2
108	73.1	46.8	86.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





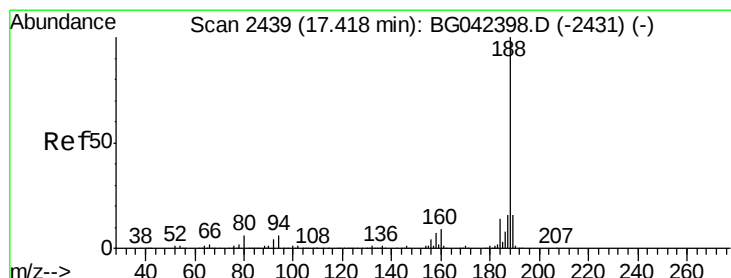
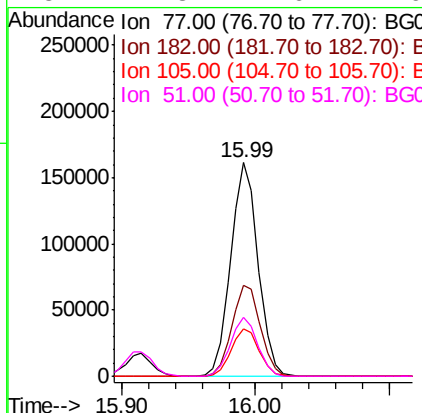
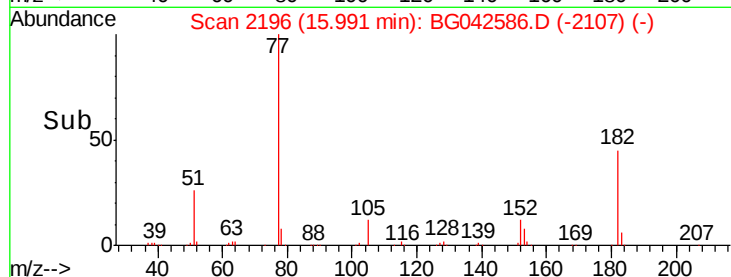
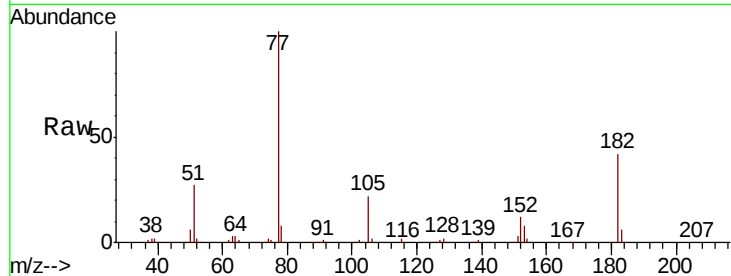
#63
Azobenzene
Concen: 48.192 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	42.4	19.9	59.9
105	22.3	2.9	42.9
51	27.3	7.6	47.6

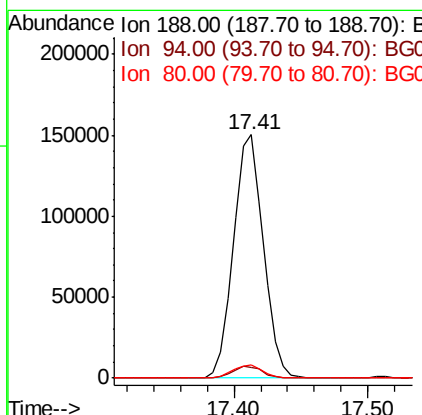
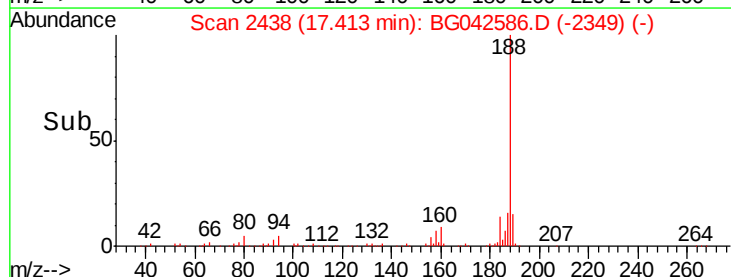
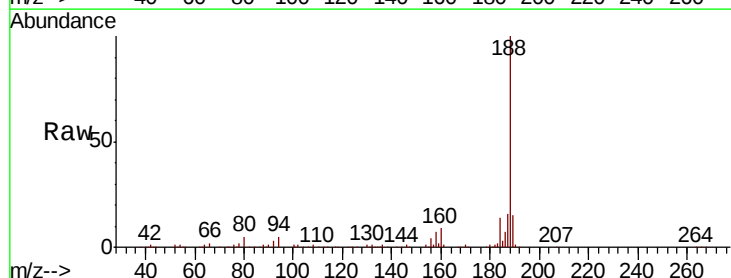
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.4	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 53.764 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

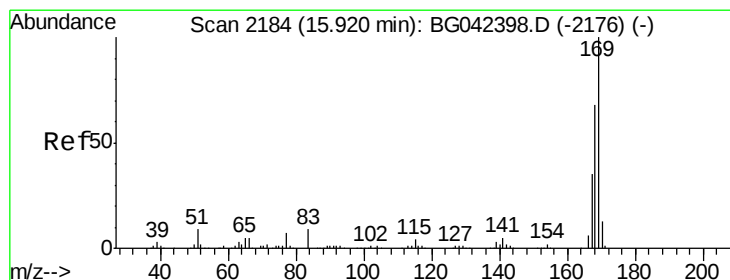
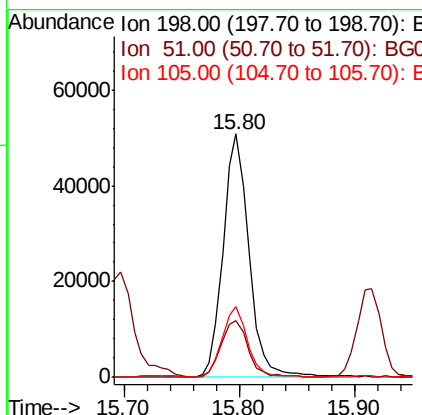
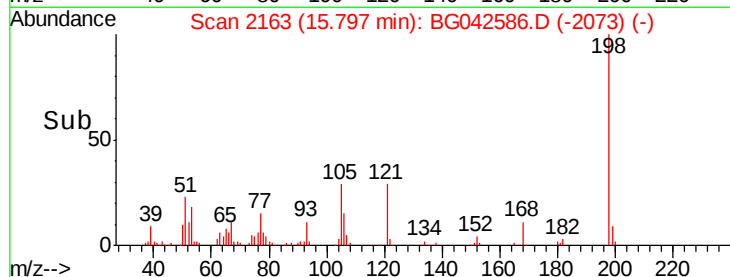
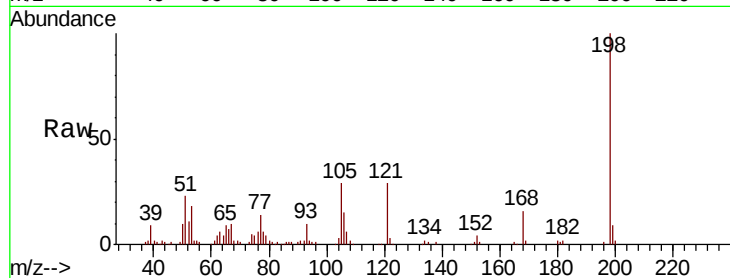
ClientSampleId :

SU-01-082819MSD

Tot Ion:	198	Resp:	78836
Ion Ratio	Lower	Upper	
198	100		
51	23.1	4.2	44.2
105	29.1	8.8	48.8

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#66

n-Nitrosodiphenylamine

Concen: 48.186 ng

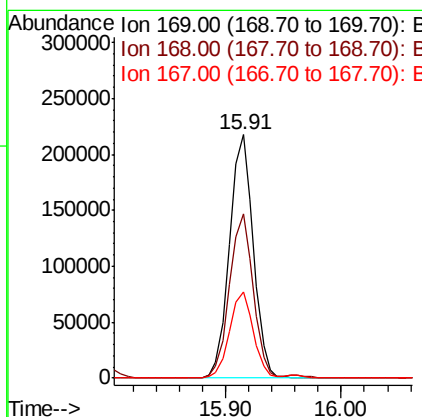
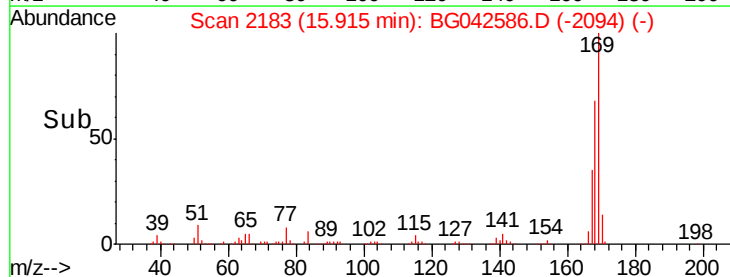
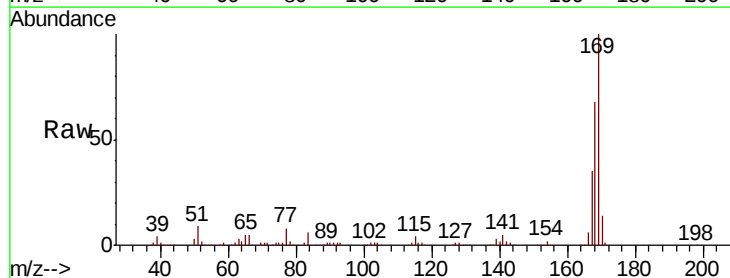
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:	169	Resp:	309928
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.3	81.5
167	35.5	28.2	42.2





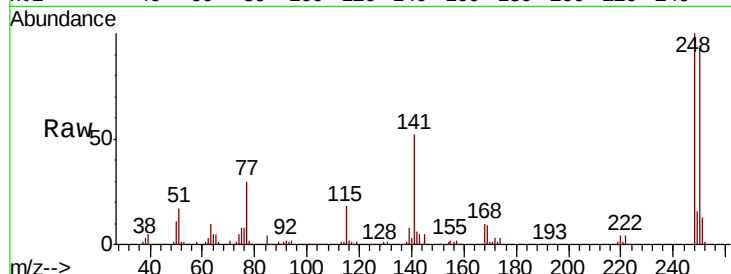
#67
 4-Bromophenyl-phenylether
 Concen: 49.555 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	78.9	118.3
141	52.4	43.3	64.9

Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM

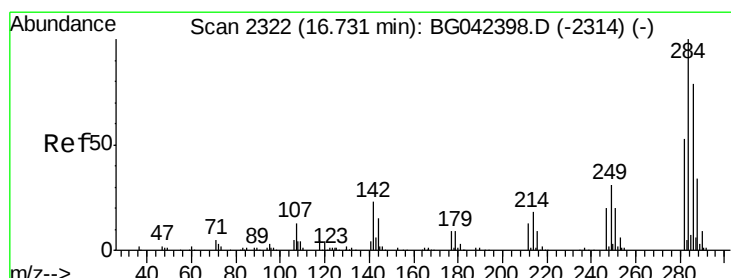
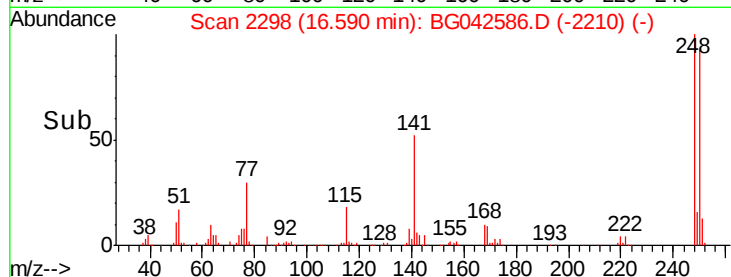
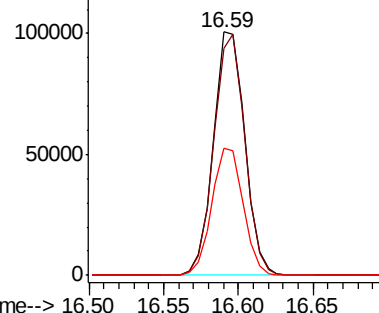


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 48.479 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

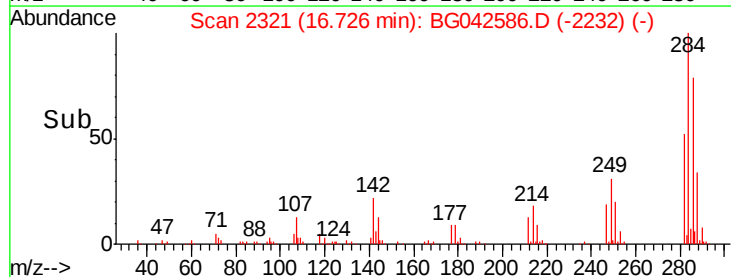
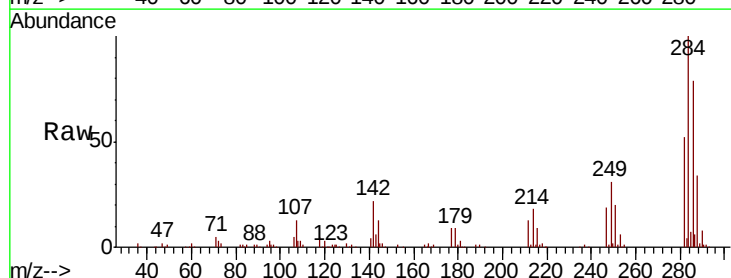
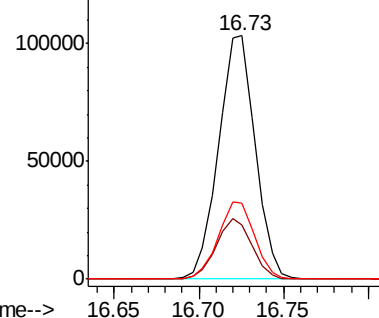
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.5	18.2	27.4
249	31.1	25.0	37.4

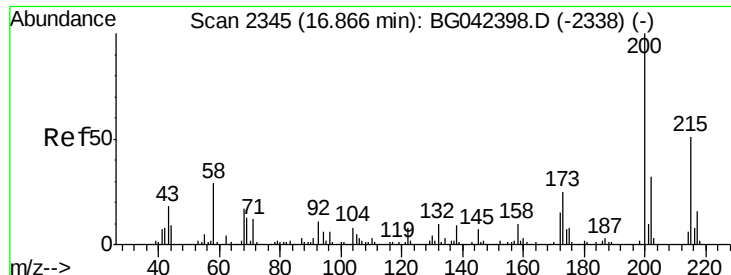
Abundance

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





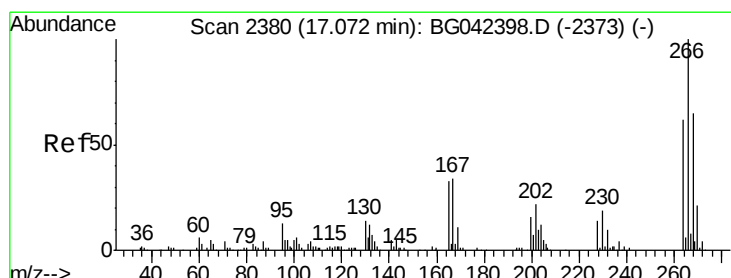
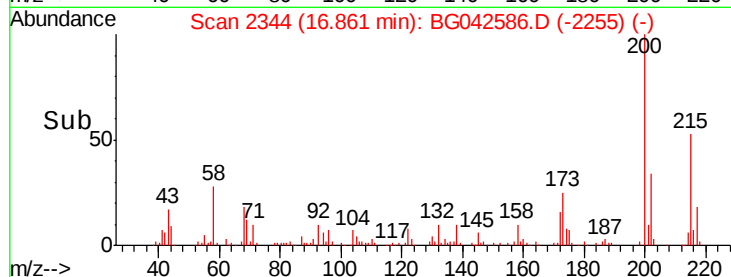
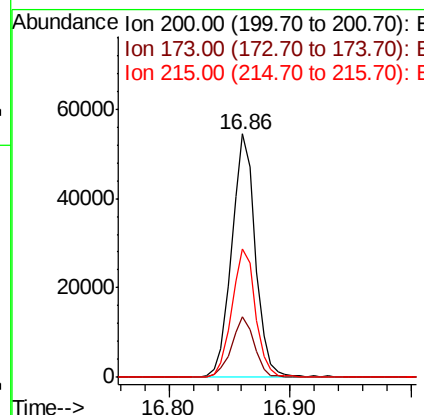
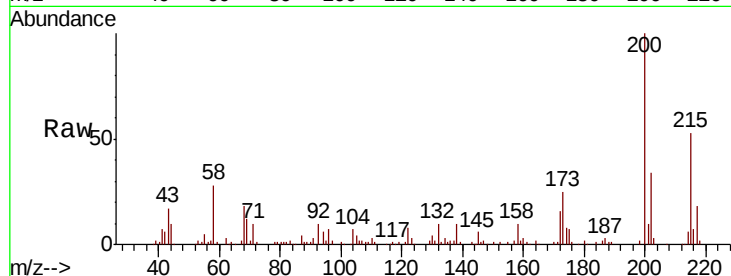
#69
Atrazine
Concen: 32.565 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.9	4.9	44.9
215	52.7	30.7	70.7

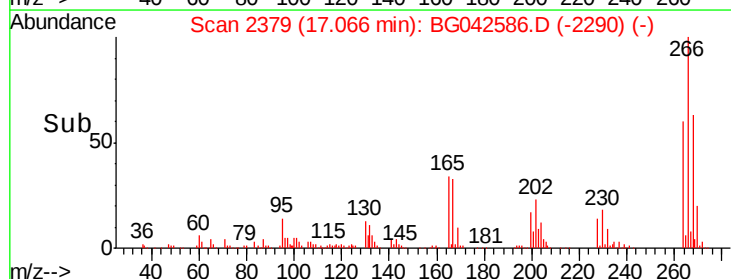
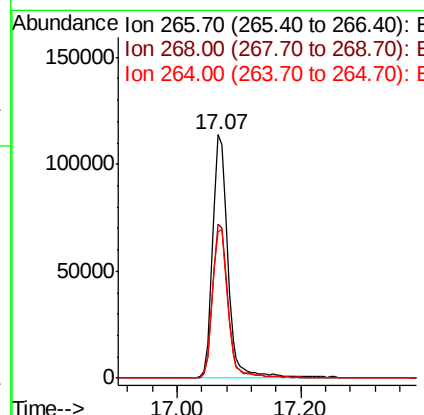
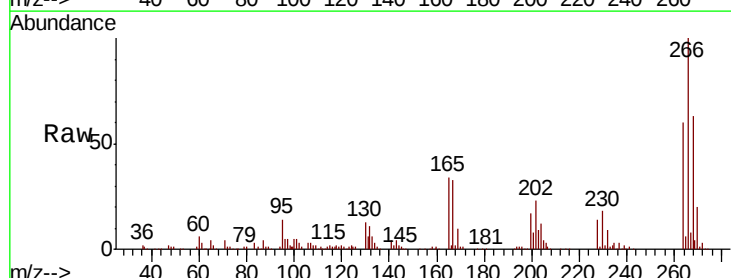
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#70
Pentachlorophenol
Concen: 115.489 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	52.1	78.1
264	60.1	49.4	74.2





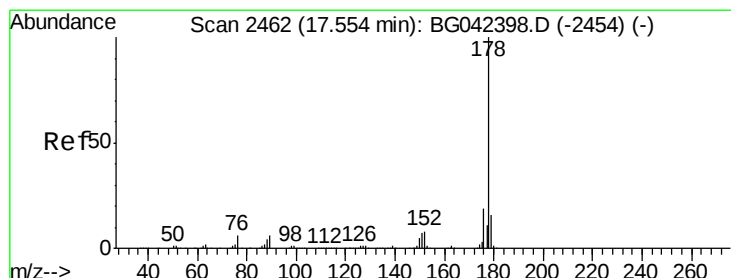
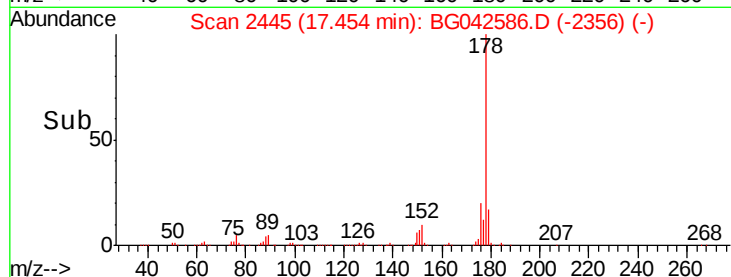
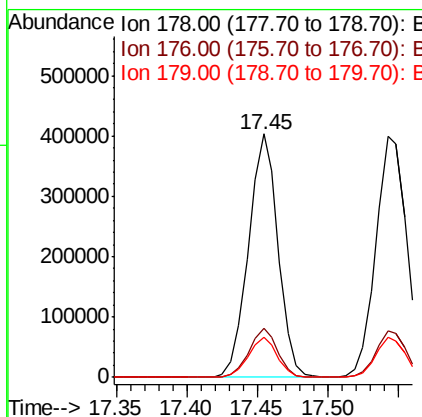
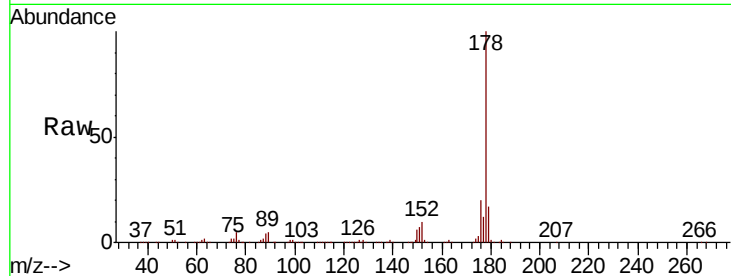
#71
Phenanthrene
Concen: 50.967 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.7	12.7	19.1

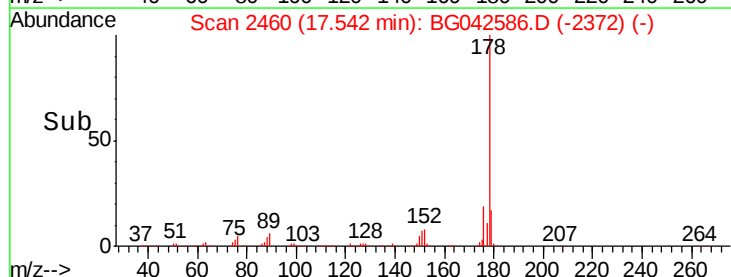
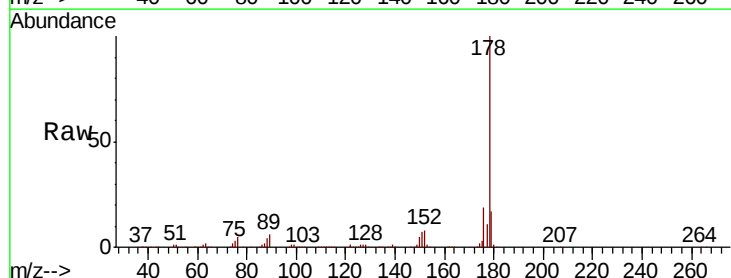
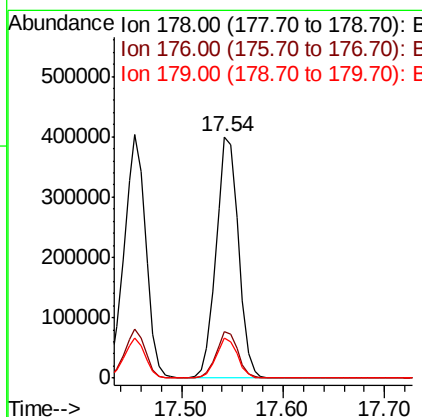
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#72
Anthracene
Concen: 52.459 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.8	12.9	19.3





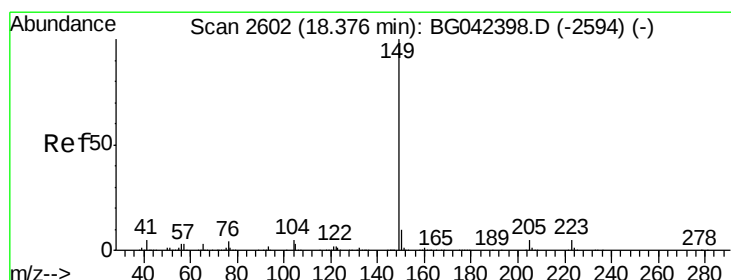
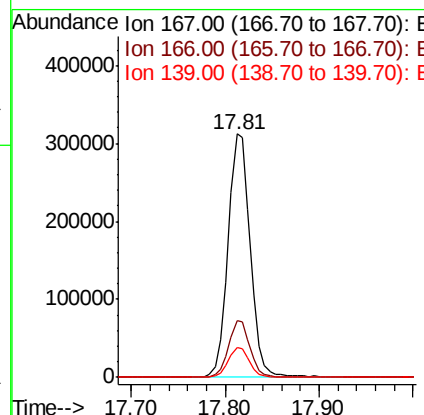
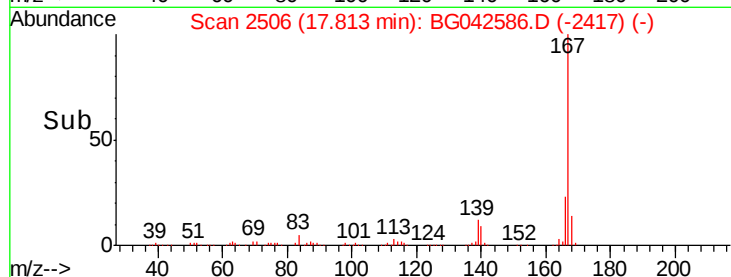
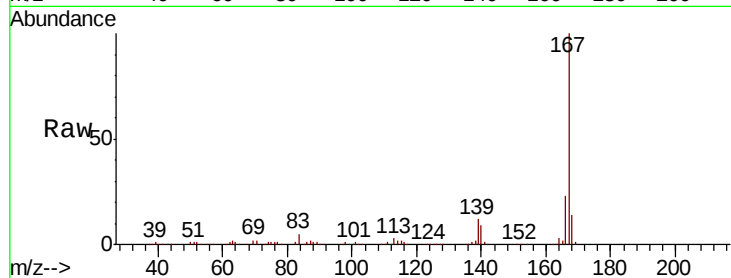
#73
 Carbazole
 Concen: 49.552 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	12.4	9.8	14.6

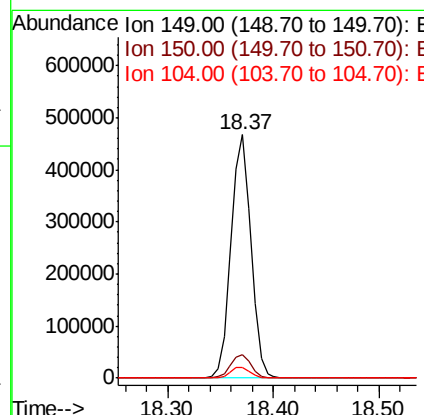
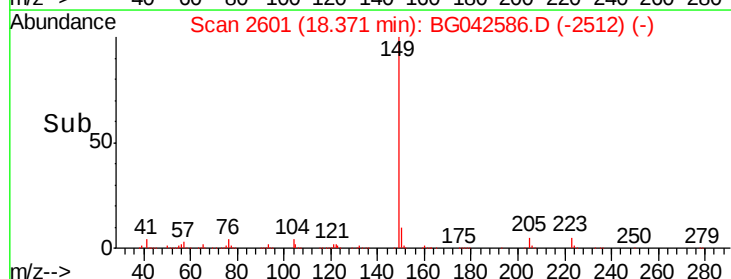
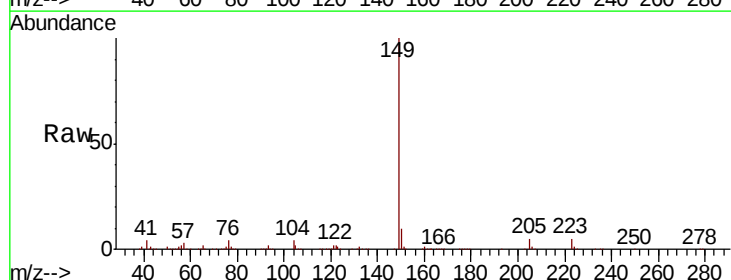
Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:22 PM



#74
 Di-n-butylphthalate
 Concen: 49.679 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 54.661 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

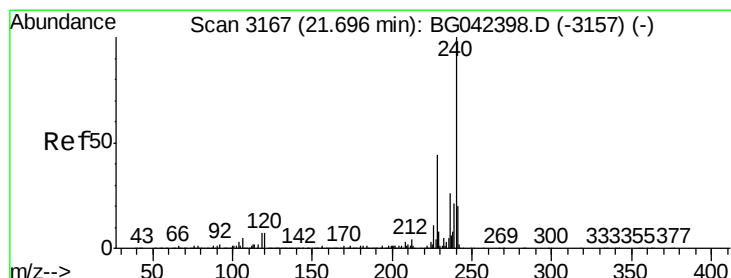
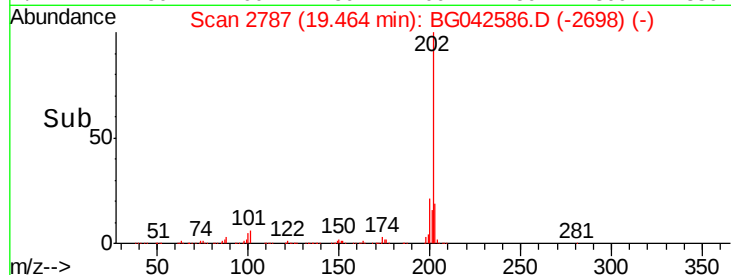
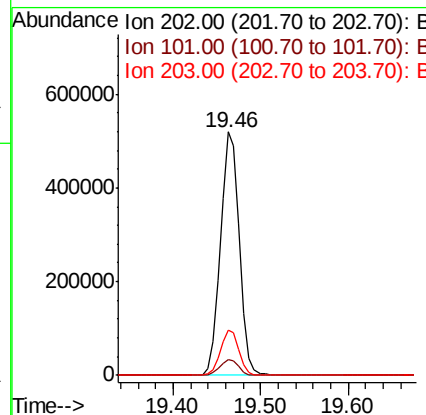
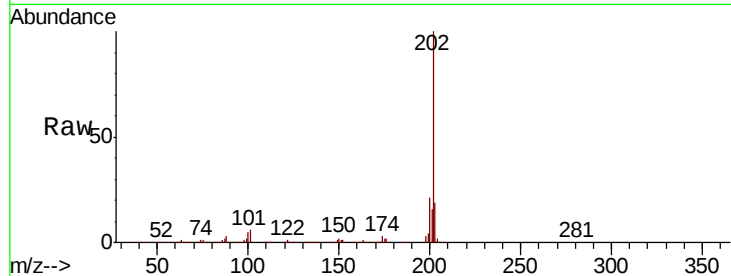
ClientSampleId :

SU-01-082819MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	28.3
203	18.6	0.0	39.6

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#76

Chrysene-d12

Concen: 20.000 ng

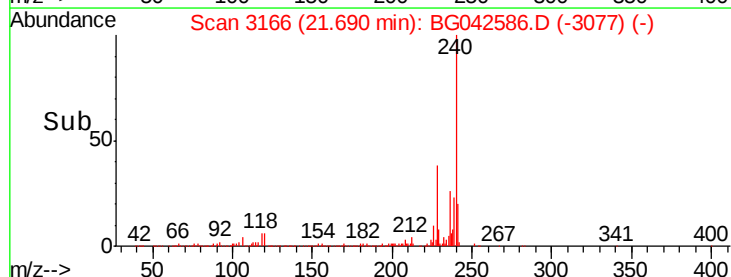
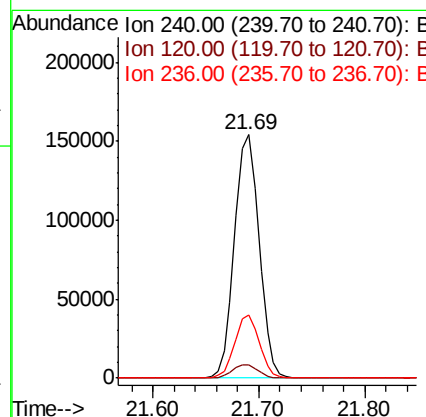
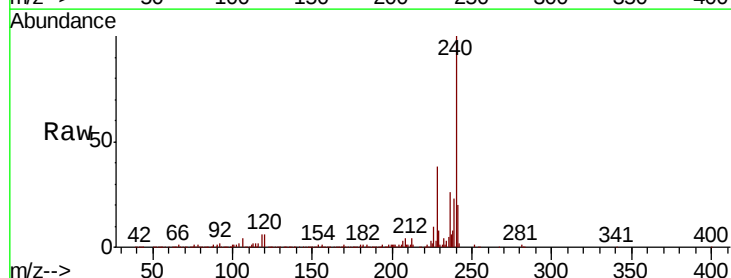
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	25.8	21.0	31.4





#77

Benzidine

Concen: 3.729 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.02 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tot Ion:184 Resp: 26629

Ion Ratio Lower Upper

184 100

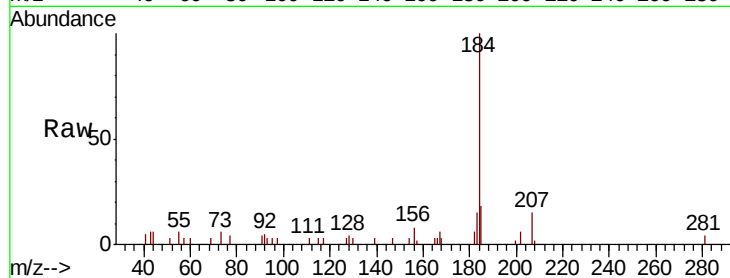
185 17.6 12.2 18.4

183 15.1 10.8 16.2

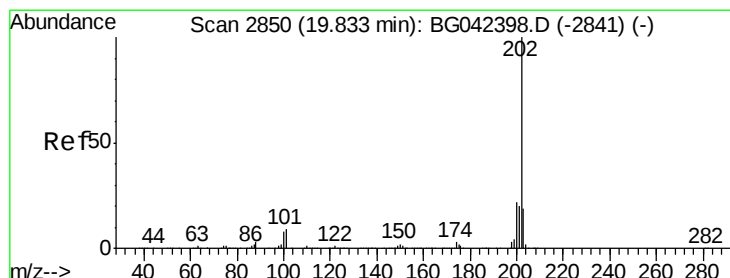
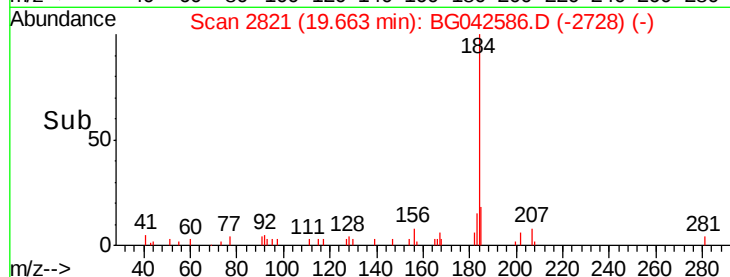
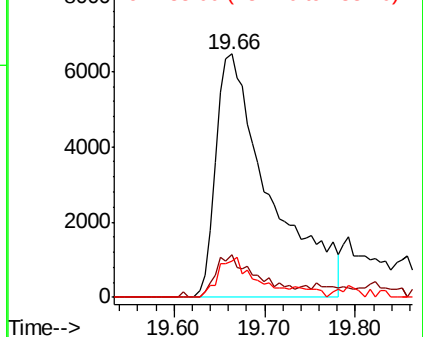
Manual Integrations
APPROVED

Jagrut

8/30/2019 7:58:22 PM



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



#78

Pyrene

Concen: 50.786 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

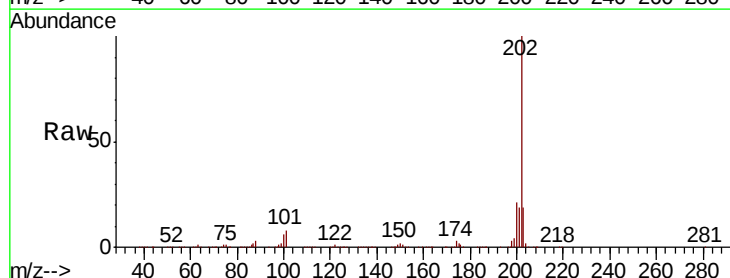
Tgt Ion:202 Resp: 775602

Ion Ratio Lower Upper

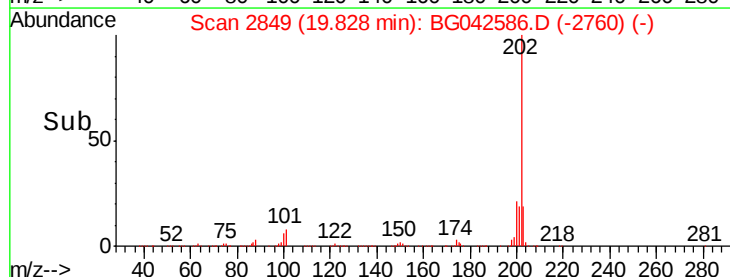
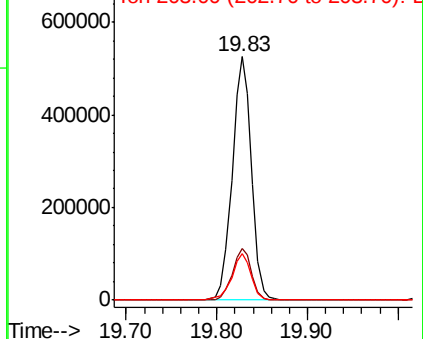
202 100

200 21.3 17.8 26.6

203 19.3 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.459 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tot Ion:244 Resp: 1169019

Ion Ratio Lower Upper

244 100

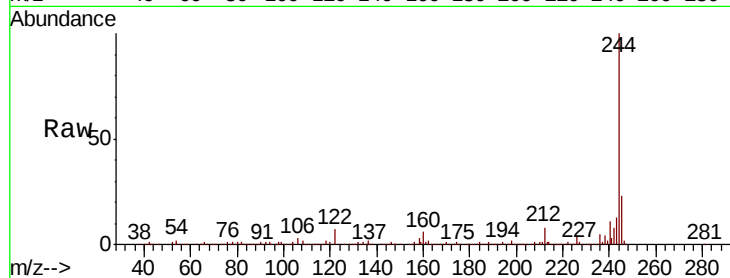
212 7.5 6.0 9.0

122 7.0 6.7 10.1

Manual Integrations
APPROVED

Jagrut

8/30/2019 7:58:22 PM

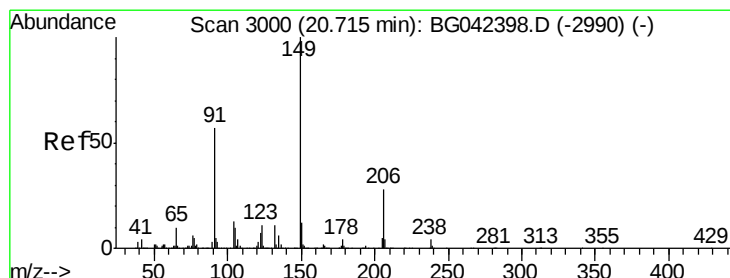
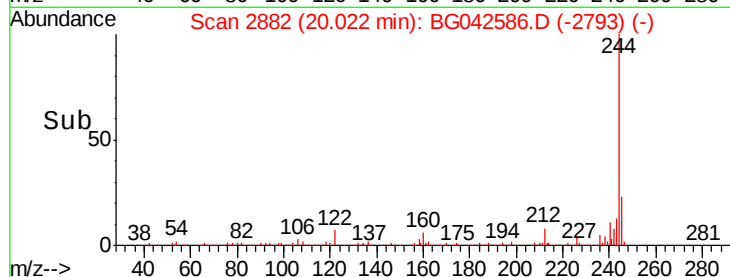
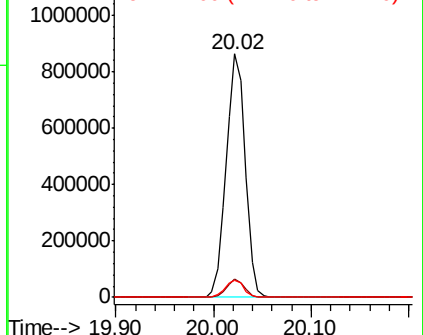


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.828 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

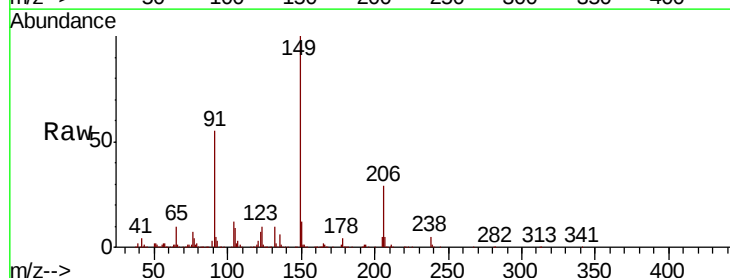
Tgt Ion:149 Resp: 281287

Ion Ratio Lower Upper

149 100

91 55.4 45.9 68.9

206 29.5 22.5 33.7

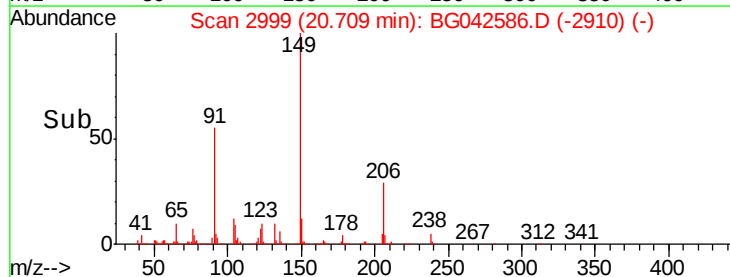
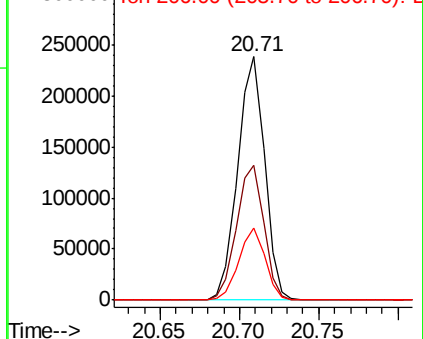


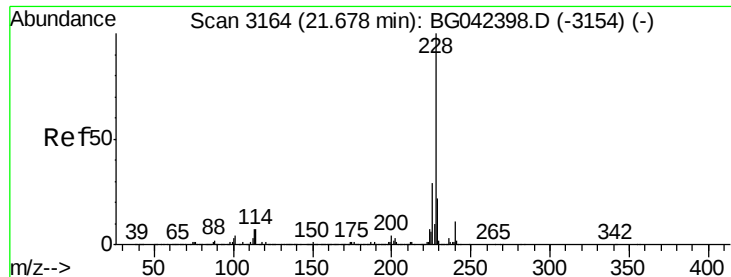
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





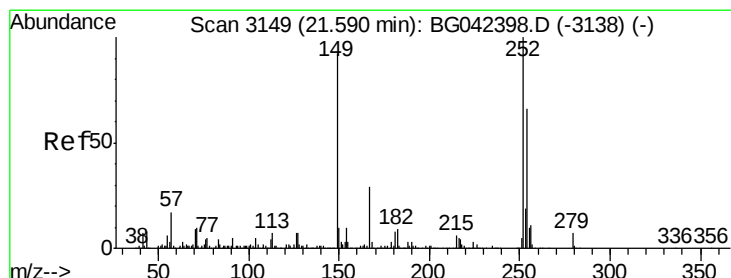
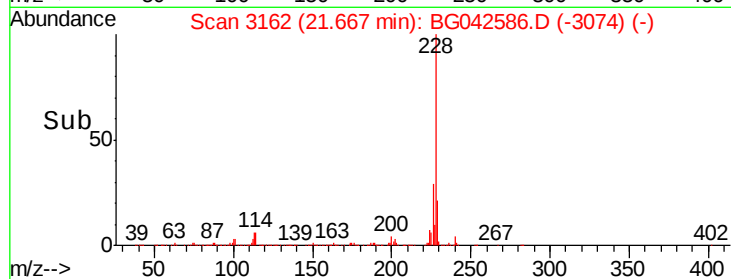
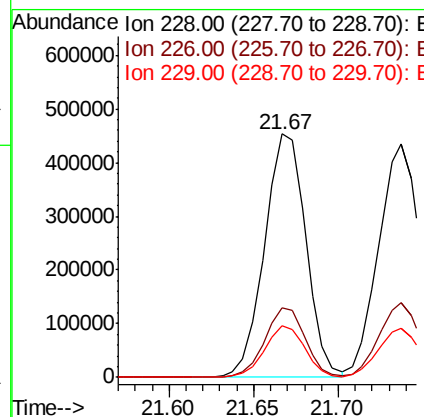
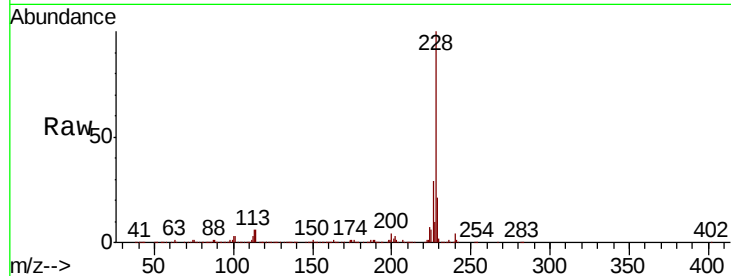
#81
Benzo(a)anthracene
Concen: 50.643 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.9	17.4	26.2

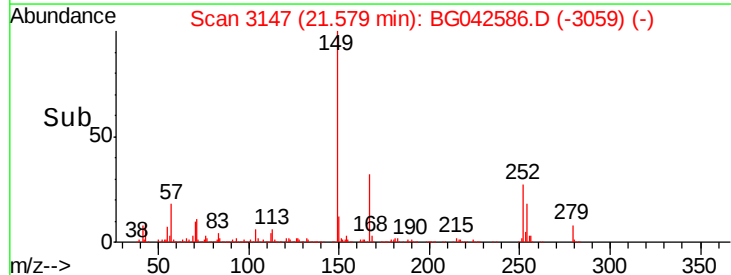
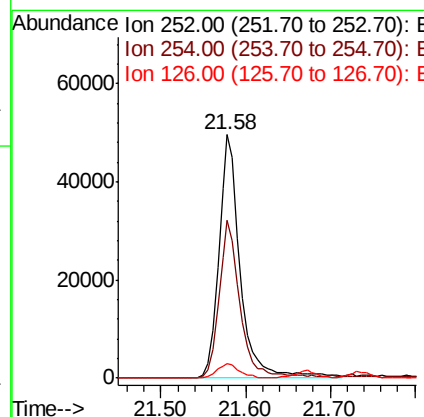
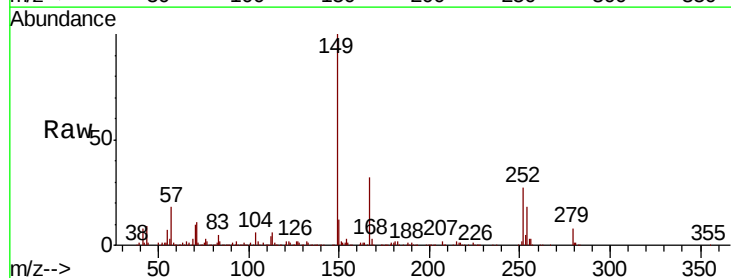
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#82
3,3'-Dichlorobenzidine
Concen: 14.438 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.0	79.4
126	5.9	5.7	8.5





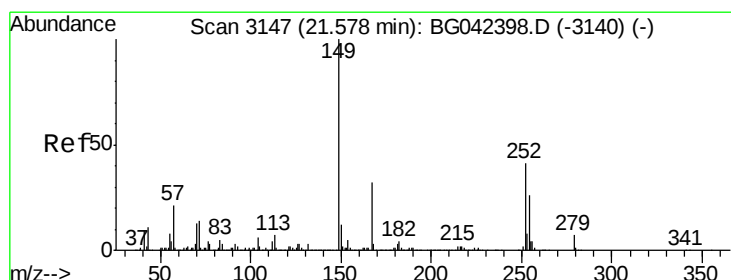
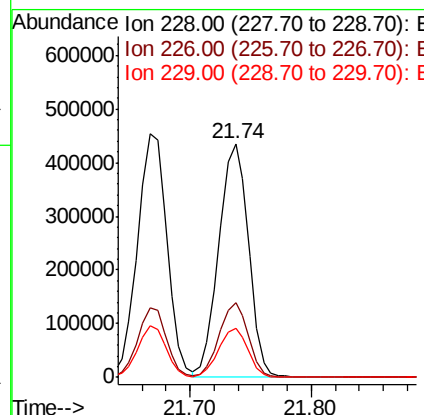
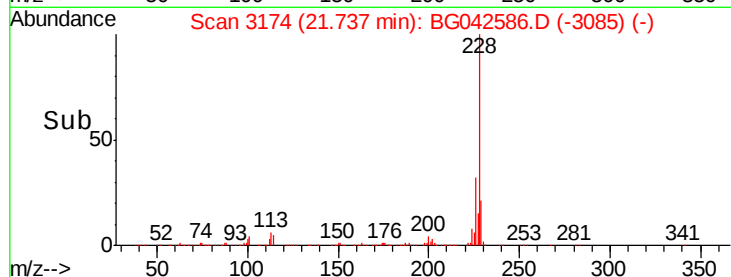
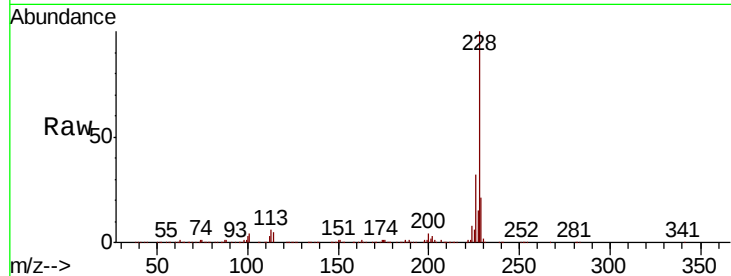
#83
Chrysene
Concen: 50.541 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.0	16.9	25.3

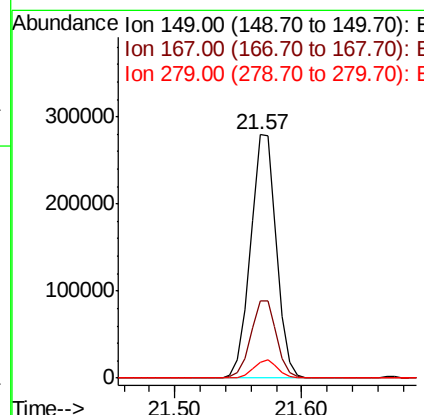
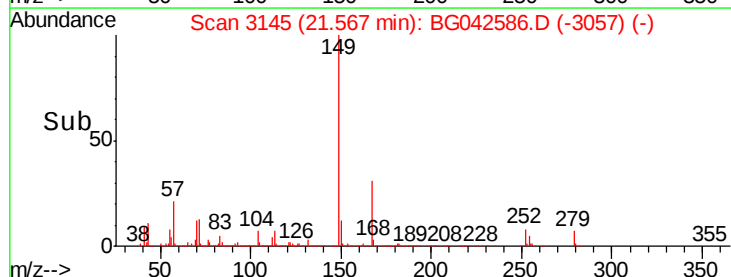
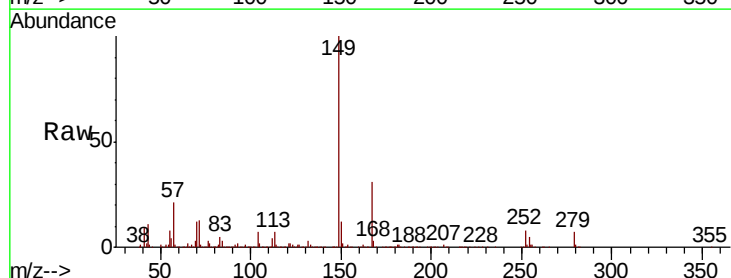
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.383 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	26.0	39.0
279	6.7	5.4	8.0





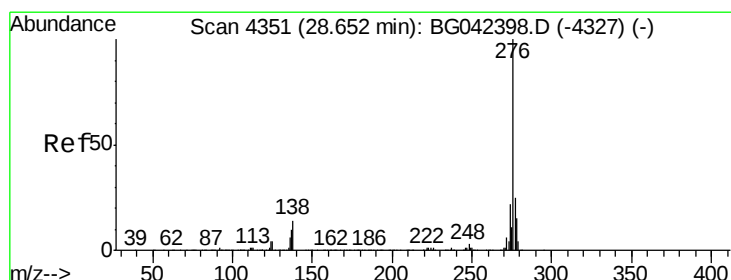
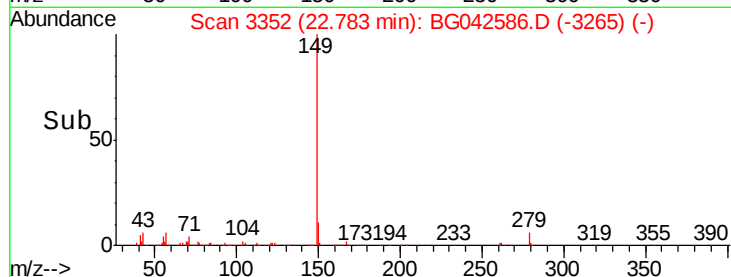
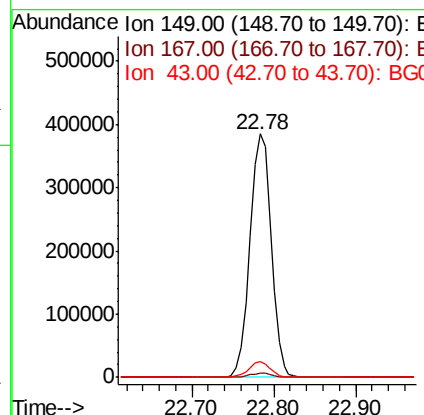
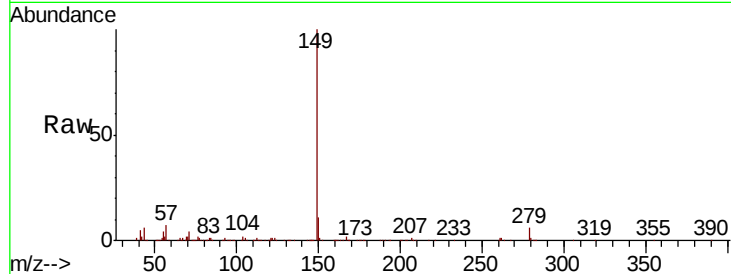
#85
Di-n-octyl phthalate
Concen: 48.794 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	699911		
167	1.8		1.6	2.4
43	6.4		5.3	7.9

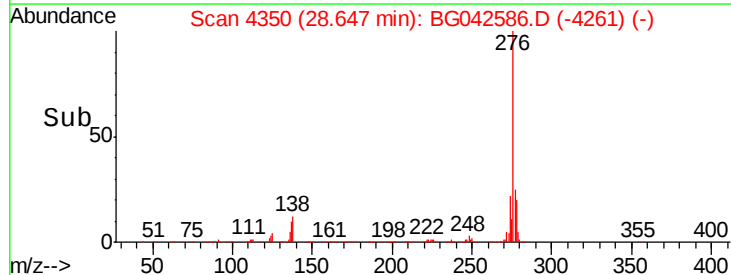
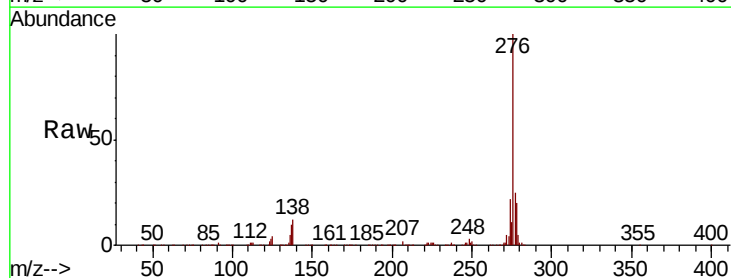
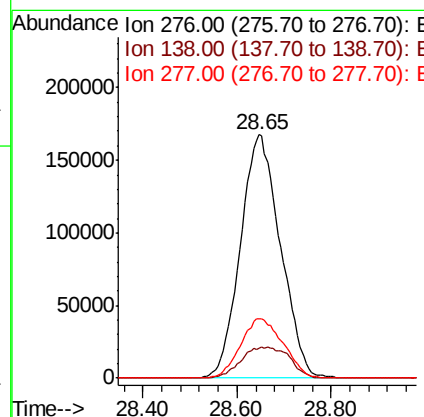
Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.828 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	989565		
138	7.7		9.2	13.8#
277	26.1		21.0	31.6





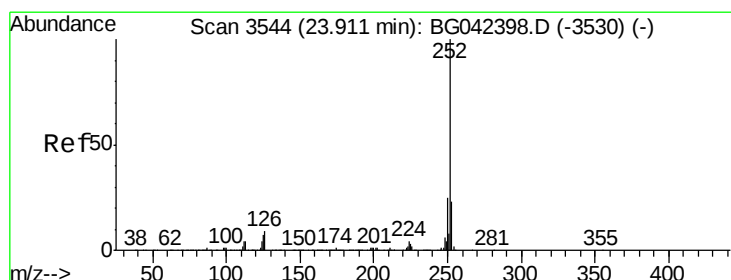
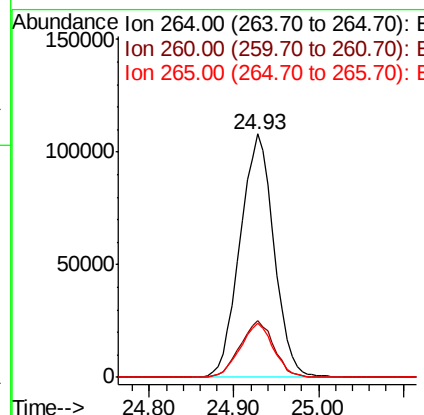
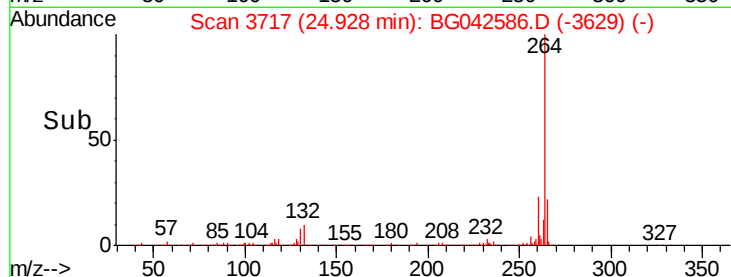
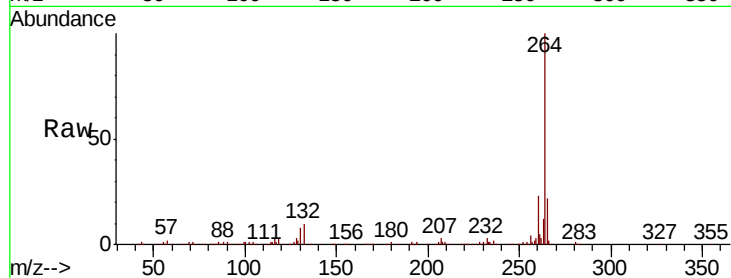
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.3	17.6	26.4

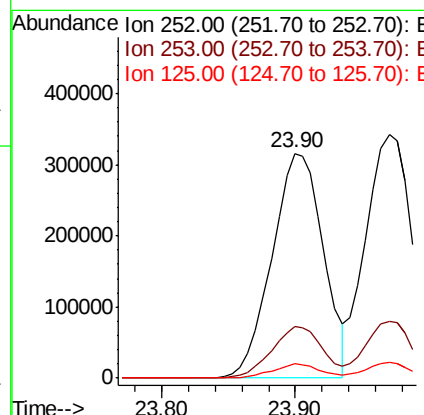
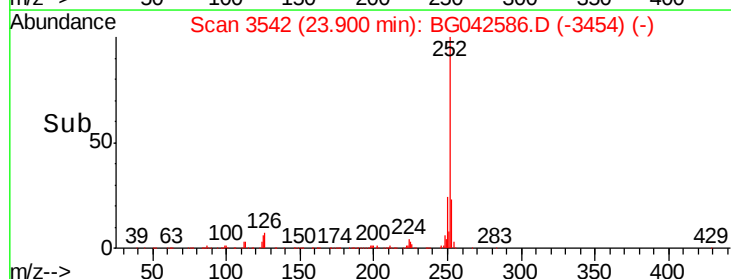
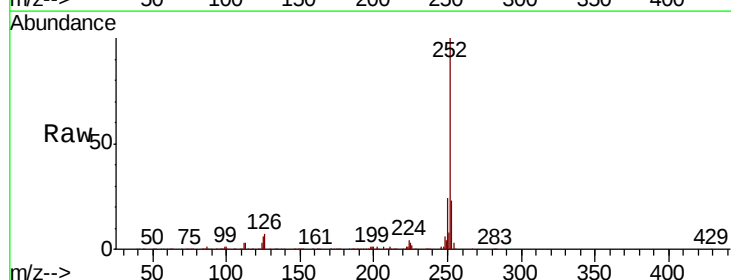
Manual Integrations
APPROVED

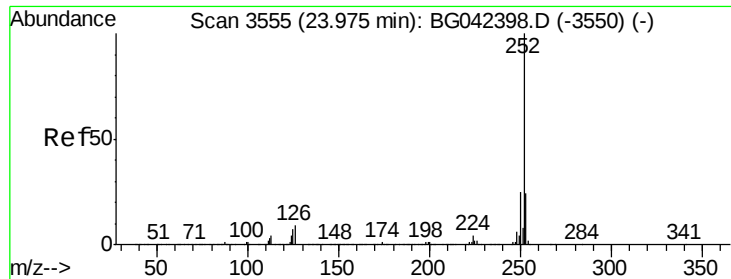
Jagrut
8/30/2019 7:58:22 PM



#88
Benzo(b)fluoranthene
Concen: 50.918 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.2	5.6	8.4





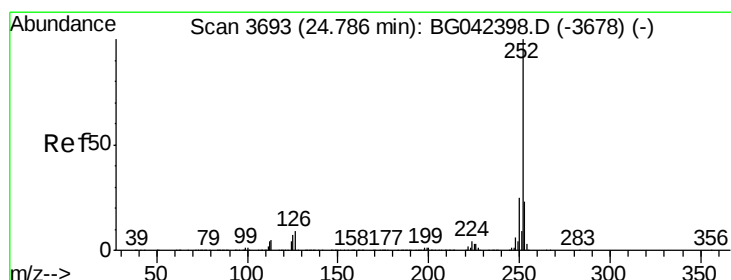
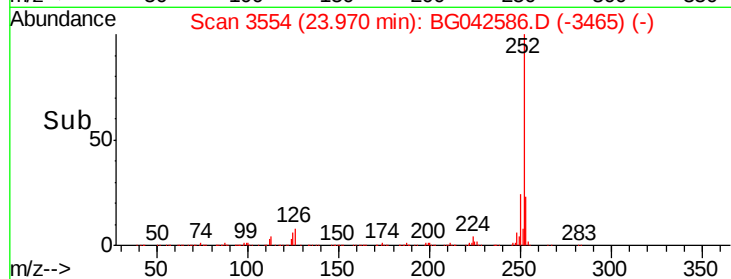
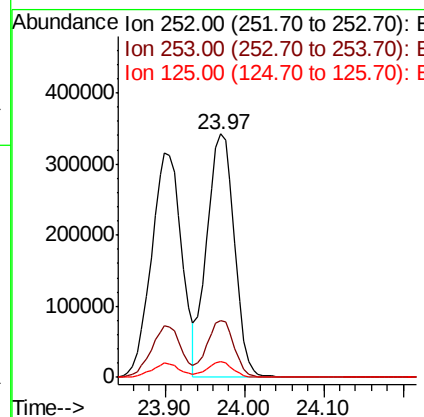
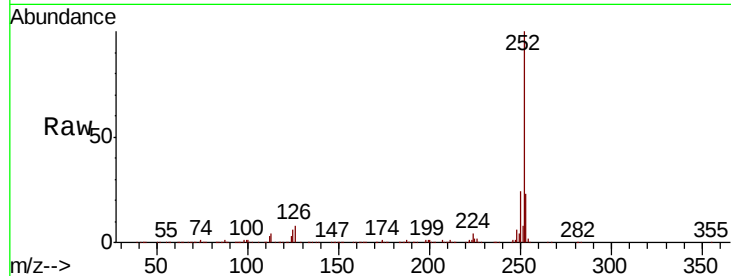
#89
Benzo(k)fluoranthene
Concen: 51.917 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.4	5.8	8.6

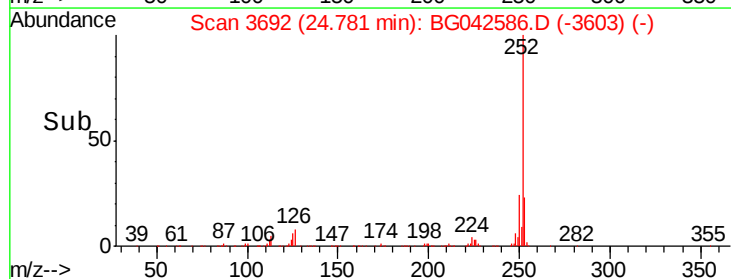
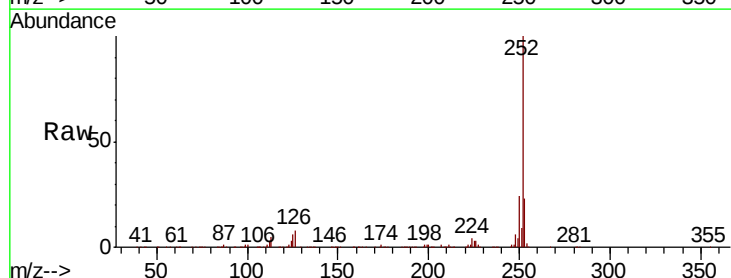
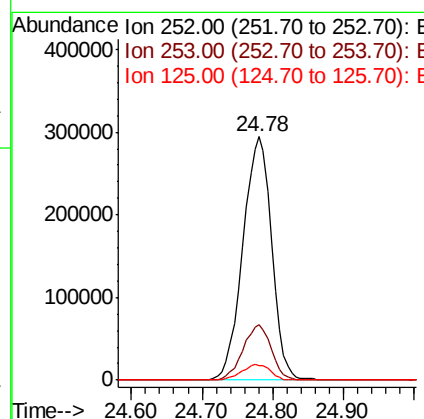
Manual Integrations
APPROVED

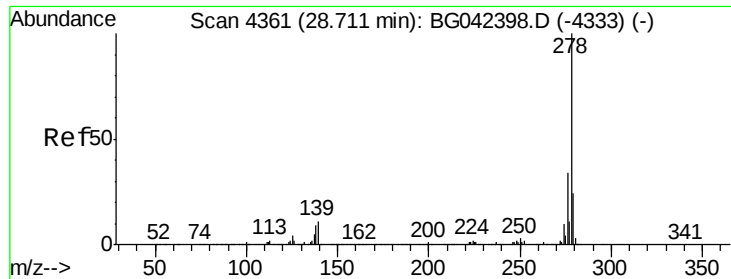
Jagrut
8/30/2019 7:58:22 PM



#90
Benzo(a)pyrene
Concen: 53.077 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.0	6.0	9.0





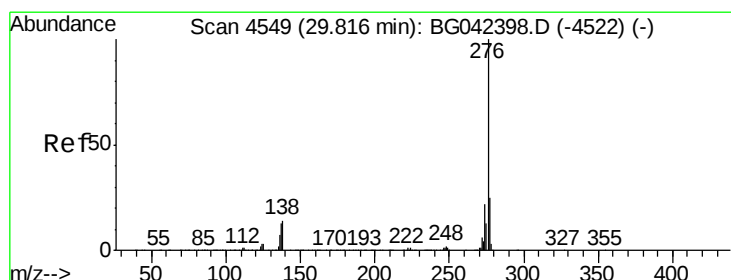
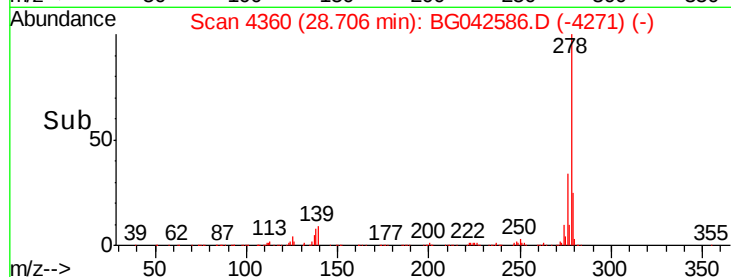
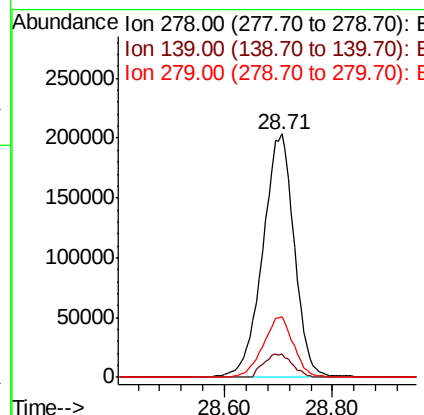
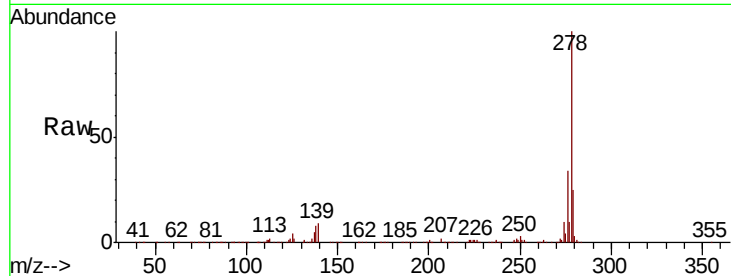
#91
Dibenzo(a,h)anthracene
Concen: 51.466 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	24.8	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:22 PM



#92
Benzo(g,h,i)perylene
Concen: 51.623 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	12.4	11.4	17.0

