

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042449.D
 Acq On : 24 Aug 2019 1:14
 Operator : HP/JU
 Sample : K4090-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM

Quant Time: Aug 24 02:38:24 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	8.01	152	74310	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	282666	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	201443	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	438960	20.00	ng	0.00
76) Chrysene-d12	21.70	240	422253	20.00	ng	0.00
87) Perylene-d12	24.94	264	500647	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	467509	127.42	ng	0.00
7) Phenol-d6	7.17	99	589744	118.99	ng	0.00
23) Nitrobenzene-d5	9.17	82	411004	100.48	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	328518	114.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1097383	92.13	ng	0.00
79) Terphenyl-d14	20.03	244	1748978	89.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	56080	36.625	ng	# 61
3) Pyridine	3.84	79	117258	29.865	ng	97
4) n-Nitrosodimethylamine	3.75	42	56535	40.315	ng	90
6) Aniline	7.32	93	134524	20.350	ng	98
8) 2-Chlorophenol	7.57	128	193704	43.561	ng	96
9) Benzaldehyde	7.13	77	68634	27.661	ng	97
10) Phenol	7.20	94	201539	39.995	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	179870	45.450	ng	97
12) 1,3-Dichlorobenzene	7.89	146	227091	40.145	ng	98
13) 1,4-Dichlorobenzene	8.04	146	229237	40.007	ng	99
14) 1,2-Dichlorobenzene	8.36	146	216651	39.483	ng	99
15) Benzyl Alcohol	8.25	79	149357	41.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	242401	45.191	ng	98
17) 2-Methylphenol	8.46	107	156536	42.175	ng	95
18) Hexachloroethane	9.10	117	74910	38.189	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	136618	42.549	ng	96
20) 3+4-Methylphenols	8.79	107	213523	41.575	ng	98
22) Acetophenone	8.83	105	285053	47.149	ng	99
24) Nitrobenzene	9.22	77	198588	47.943	ng	98
25) Isophorone	9.74	82	377451	46.757	ng	97
26) 2-Nitrophenol	9.93	139	111454	42.937	ng	97
27) 2,4-Dimethylphenol	10.00	122	184322	51.549	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	240492	47.267	ng	99
29) 2,4-Dichlorophenol	10.48	162	213263	45.586	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	239661	41.737	ng	97
31) Naphthalene	10.88	128	605360	46.128	ng	99
32) Benzoic acid	10.13	122	7133m	10.450	ng	
33) 4-Chloroaniline	10.99	127	51281	8.465	ng	99
34) Hexachlorobutadiene	11.17	225	151016	39.132	ng	98
35) Caprolactam	11.76	113	52681m	33.748	ng	
36) 4-Chloro-3-methylphenol	12.12	107	202879	45.683	ng	98
37) 2-Methylnaphthalene	12.49	142	474853	45.063	ng	99
38) 1-Methylnaphthalene	12.71	142	447698	44.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	285068	44.066	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042449.D
 Acq On : 24 Aug 2019 1:14
 Operator : HP/JU
 Sample : K4090-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

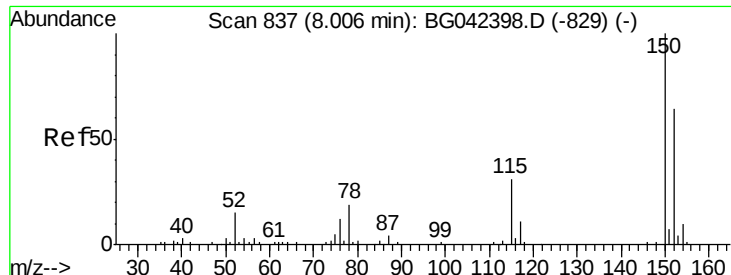
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM

Quant Time: Aug 24 02:38:24 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	152507	44.880	nq	100
43) 2,4,6-Trichlorophenol	13.10	196	184444	42.181	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	201883	44.553	nq	96
46) 1,1'-Biphenyl	13.49	154	603628	46.356	nq	99
47) 2-Chloronaphthalene	13.54	162	494592	44.050	nq	97
48) 2-Nitroaniline	13.74	65	132317	48.870	nq	96
49) Acenaphthylene	14.39	152	788630	46.687	nq	98
50) Dimethylphthalate	14.12	163	645535	44.413	nq	100
51) 2,6-Dinitrotoluene	14.23	165	147468	43.771	nq	97
52) Acenaphthene	14.73	154	459463	44.795	nq	99
53) 3-Nitroaniline	14.57	138	97268	28.868	nq	98
54) 2,4-Dinitrophenol	14.79	184	35958	20.855	nq	99
55) Dibenzofuran	15.06	168	765274	45.073	nq	97
56) 4-Nitrophenol	14.89	139	226618	94.653	nq	99
57) 2,4-Dinitrotoluene	15.03	165	206214	42.744	nq	91
58) Fluorene	15.71	166	612948	44.164	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194205	43.339	nq	# 89
60) Diethylphthalate	15.48	149	612055	43.076	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	347949	41.589	nq	99
62) 4-Nitroaniline	15.73	138	150304	41.681	nq	97
63) Azobenzene	16.00	77	482517	49.560	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	40784	14.819	nq	90
66) n-Nitrosodiphenylamine	15.92	169	565987	46.885	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	237242	42.609	nq	97
68) Hexachlorobenzene	16.72	284	246498	40.725	nq	# 93
69) Atrazine	16.87	200	211920	49.642	nq	99
70) Pentachlorophenol	17.07	266	208096	66.169	nq	97
71) Phenanthrene	17.46	178	993957	45.586	nq	97
72) Anthracene	17.55	178	1021686	46.938	nq	98
73) Carbazole	17.82	167	926586	47.763	nq	98
74) Di-n-butylphthalate	18.38	149	1057307	46.106	nq	99
75) Fluoranthene	19.47	202	1206675	45.347	nq	98
77) Benzidine	19.64	184	396267	32.733	nq	98
78) Pyrene	19.83	202	1214709	46.921	nq	98
80) Butylbenzylphthalate	20.71	149	488431	47.968	nq	98
81) Benzo(a)anthracene	21.67	228	1173795	45.697	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	315148	30.506	nq	98
83) Chrysene	21.74	228	1138971	45.978	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	686364	48.549	nq	98
85) Di-n-octyl phthalate	22.79	149	1183826	48.686	nq	98
86) Indeno(1,2,3-cd)pyrene	28.65	276	1433958	42.595	nq	100
88) Benzo(b)fluoranthene	23.91	252	1250178	45.422	nq	# 98
89) Benzo(k)fluoranthene	23.98	252	1265640	47.839	nq	98
90) Benzo(a)pyrene	24.79	252	1252386	47.952	nq	# 98
91) Dibenzo(a,h)anthracene	28.71	278	1201646	45.441	nq	98
92) Benzo(g,h,i)perylene	29.82	276	1138999	43.065	nq	# 97

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



#1

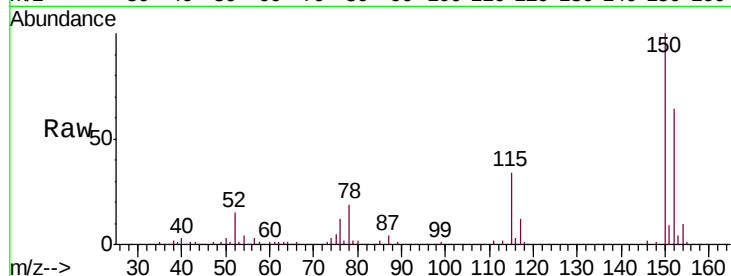
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

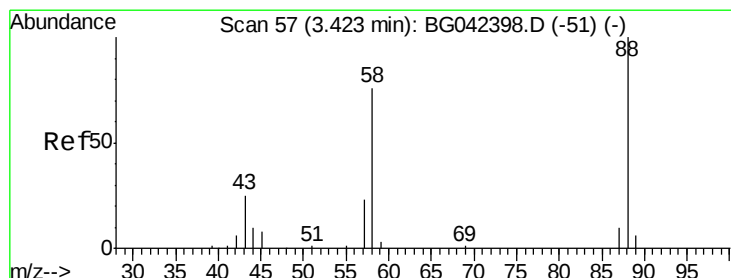
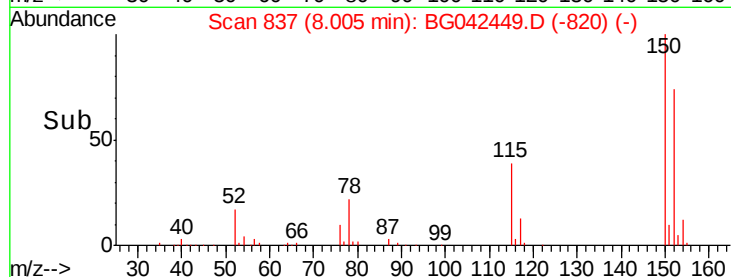
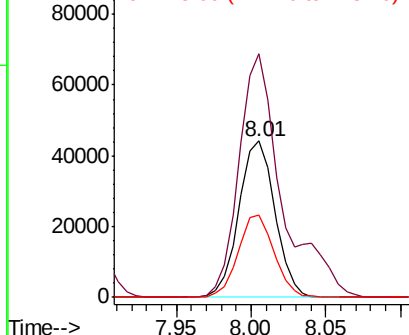
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.0
115	52.5	38.5	57.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



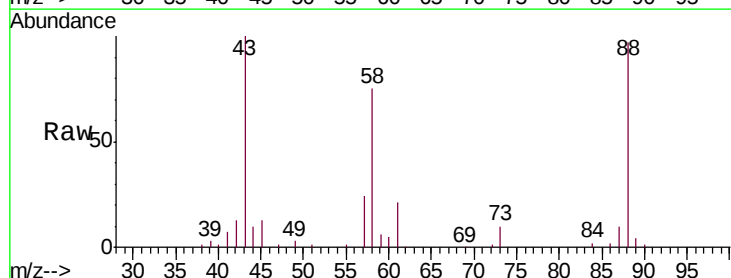
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



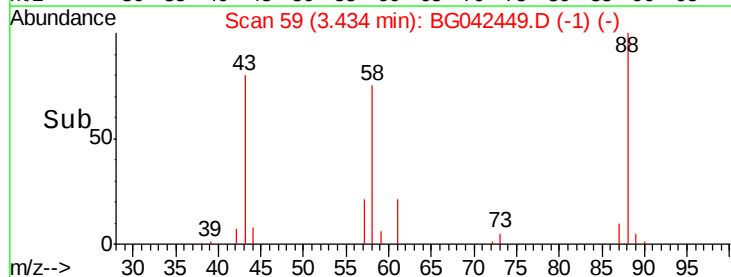
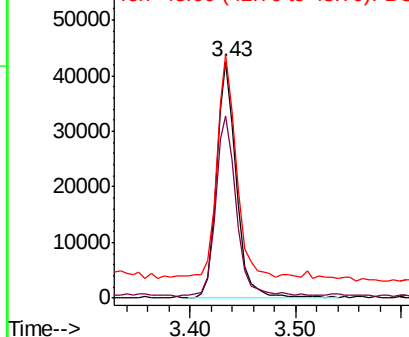
#2

1,4-Dioxane
Concen: 36.625 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	58.3	87.5
43	91.9	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: 29.865 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

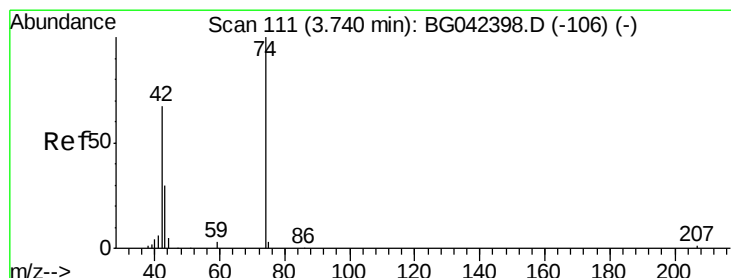
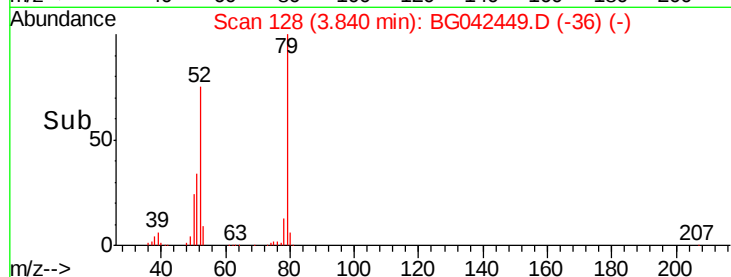
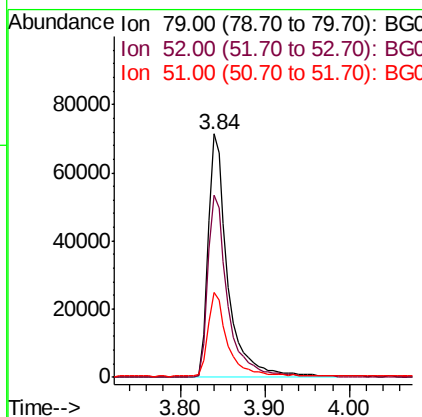
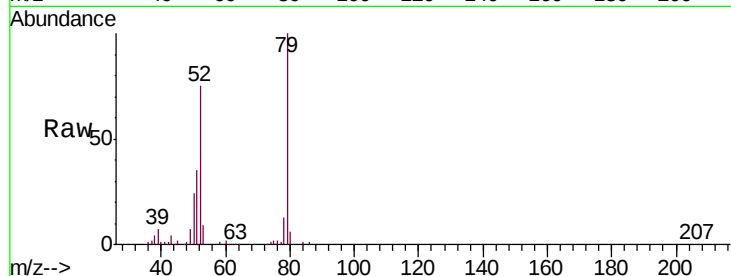
ClientSampleId :

OR-03-082219MSD

Tot Ion:	79	Resp:	117258
Ion Ratio	Lower	Upper	
79	100		
52	74.9	57.7	86.5
51	34.7	28.8	43.2

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#4

n-Nitrosodimethylamine

Concen: 40.315 ng

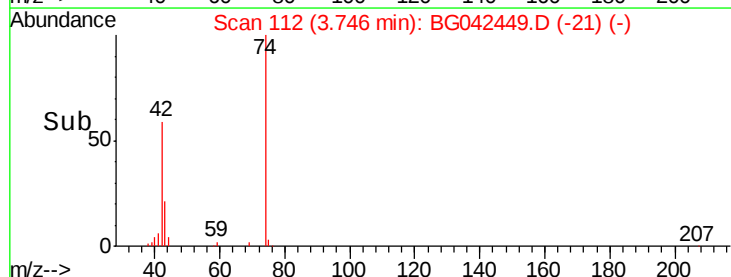
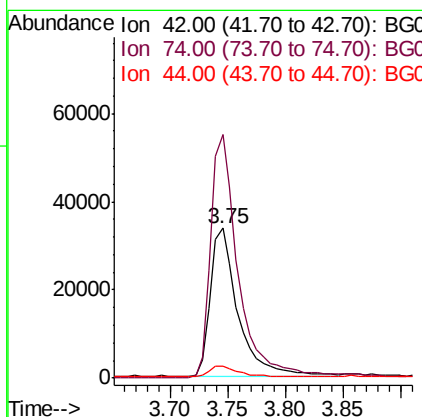
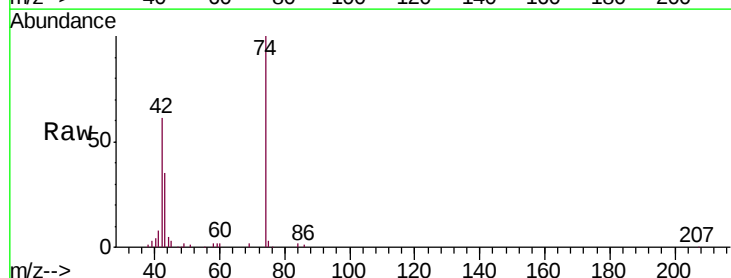
RT: 3.75 min Scan# 112

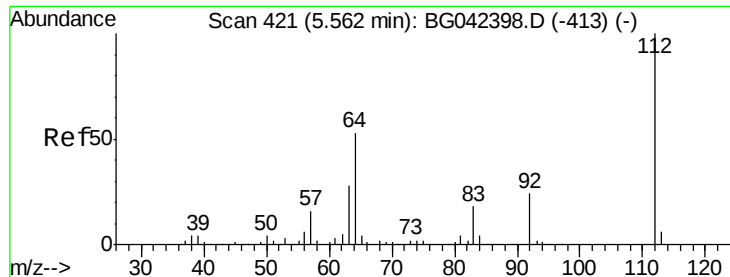
Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	42	Resp:	56535
Ion Ratio	Lower	Upper	
42	100		
74	162.8	119.6	179.4
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 127.418 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

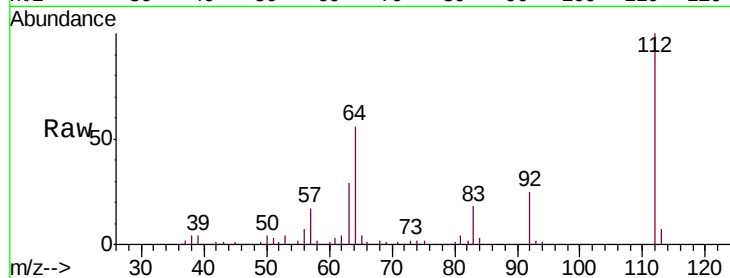
ClientSampleId :

OR-03-082219MSD

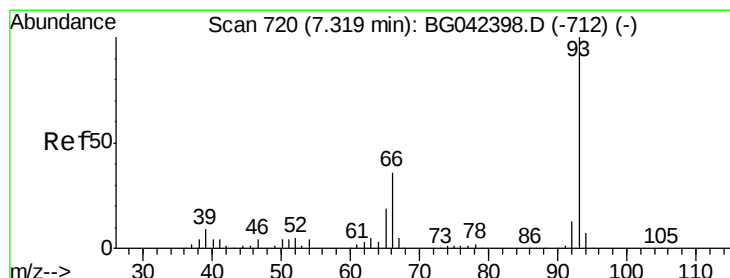
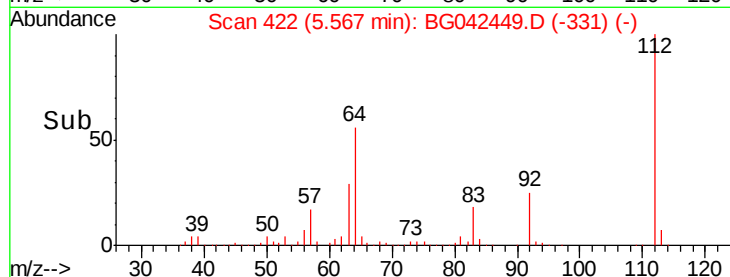
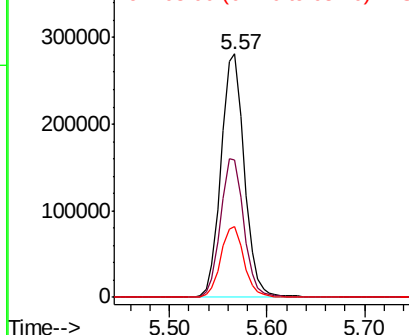
Tot Ion:	112	Resp:	467509
Ion Ratio	Lower	Upper	
112	100		
64	56.4	42.8	64.2
63	28.9	22.7	34.1

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 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: 20.350 ng

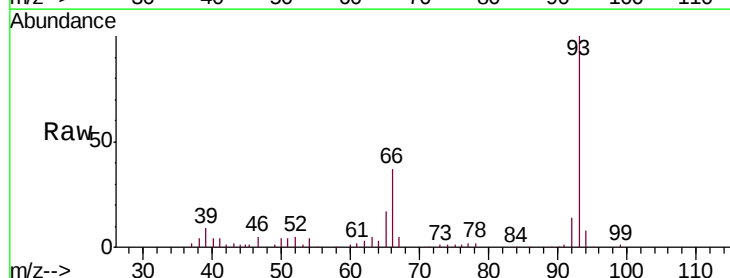
RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

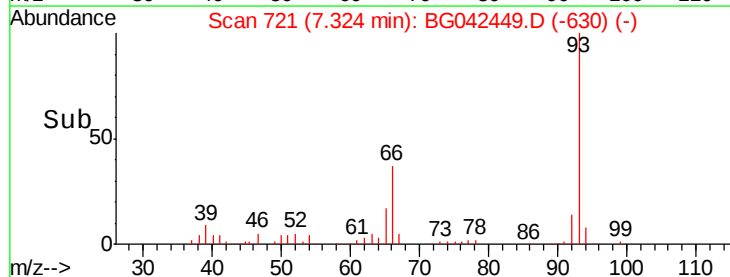
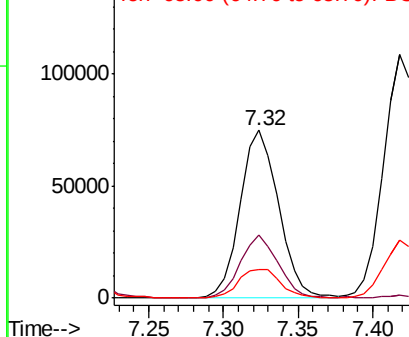
Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	93	Resp:	134524
Ion Ratio	Lower	Upper	
93	100		
66	37.4	29.0	43.6
65	17.3	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: 118.993 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

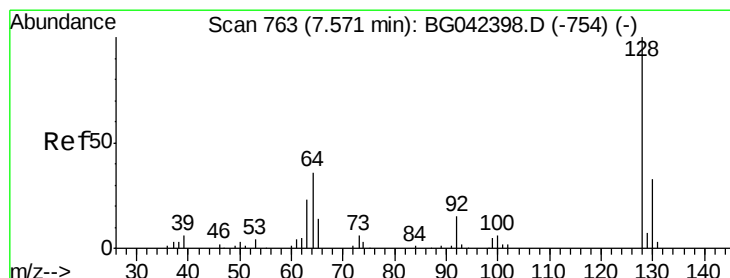
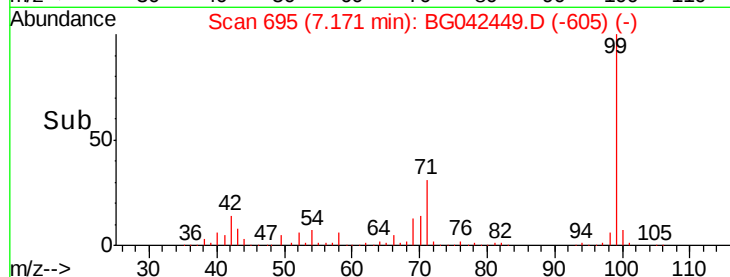
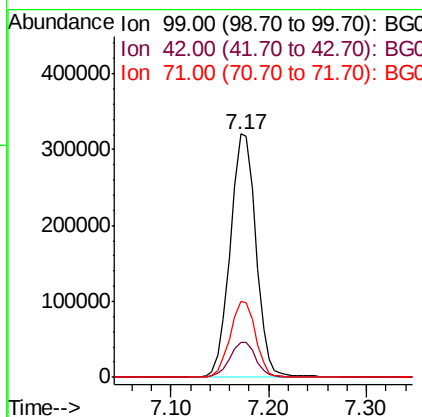
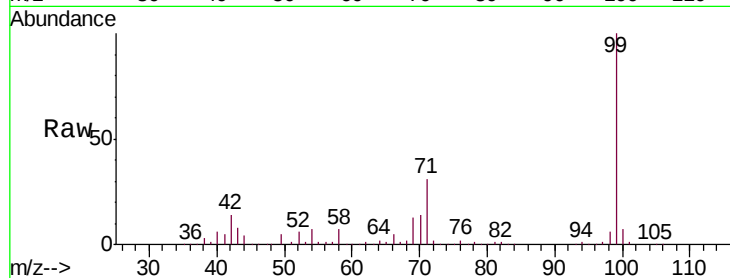
ClientSampleId :

OR-03-082219MSD

Tot Ion:	99	Resp:	589744
Ion Ratio	Lower	Upper	
99	100		
42	14.4	12.0	18.0
71	31.1	26.3	39.5

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#8

2-Chlorophenol

Concen: 43.561 ng

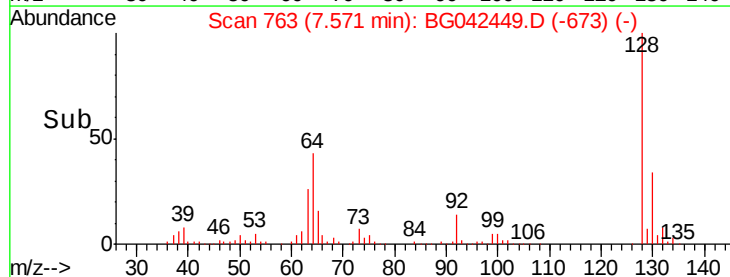
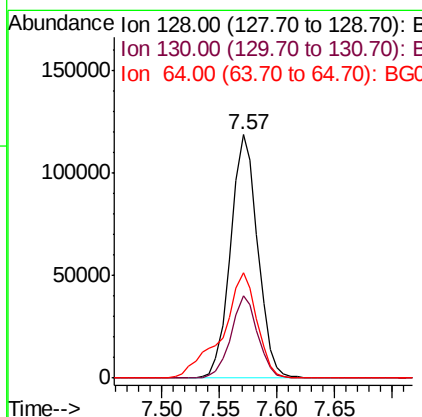
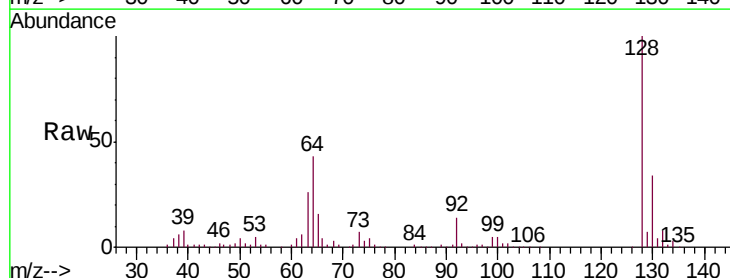
RT: 7.57 min Scan# 763

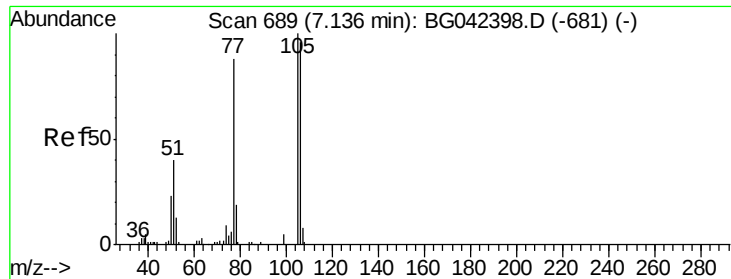
Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	128	Resp:	193704
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.8	52.8
64	43.2	19.2	59.2





#9

Benzaldehyde

Concen: 27.661 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

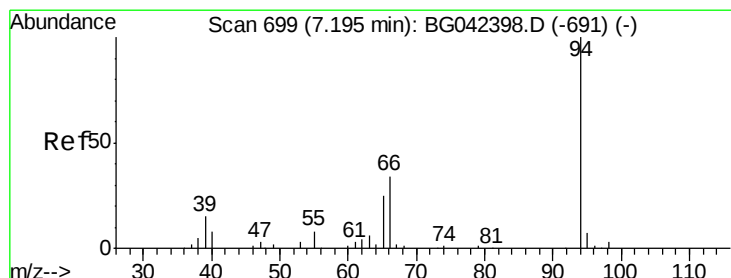
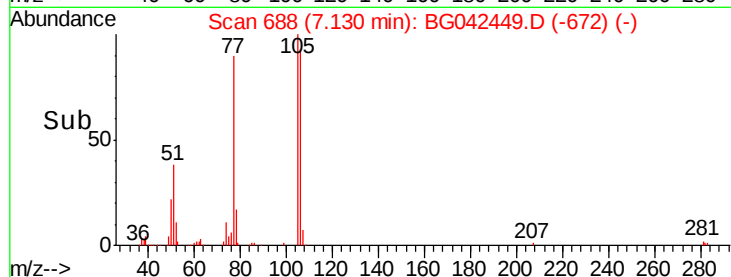
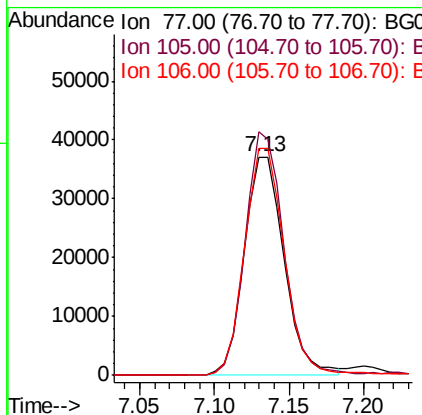
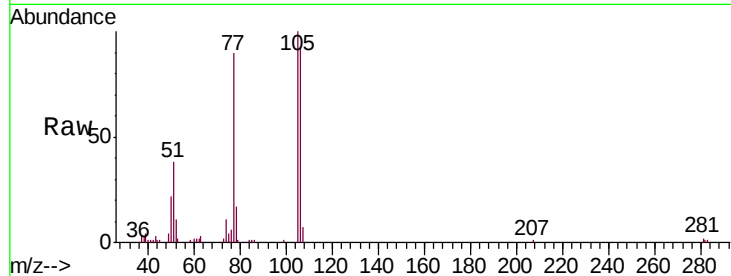
ClientSampleId :

OR-03-082219MSD

Tot Ion:	77	Resp:	68634
Ion	Ratio	Lower	Upper
77	100		
105	111.5	93.4	133.4
106	104.2	88.4	128.4

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#10

Phenol

Concen: 39.995 ng

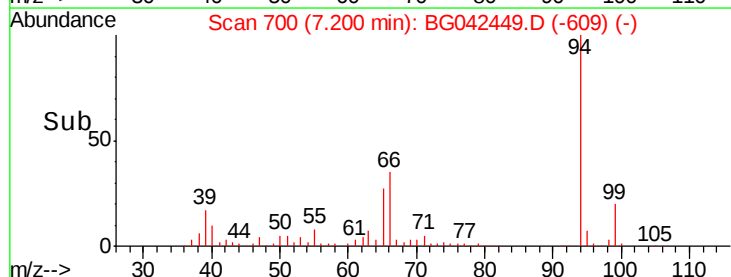
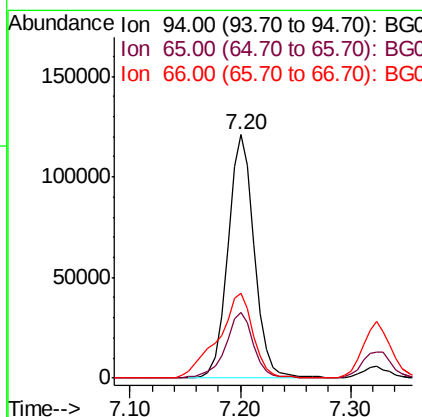
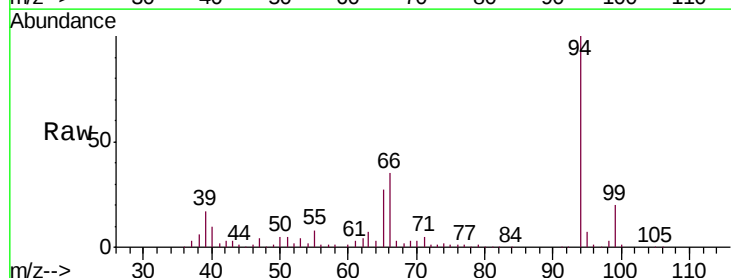
RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	94	Resp:	201539
Ion	Ratio	Lower	Upper
94	100		
65	27.2	5.6	45.6
66	34.8	16.0	56.0





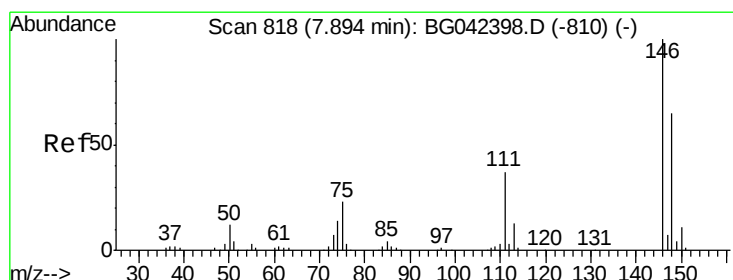
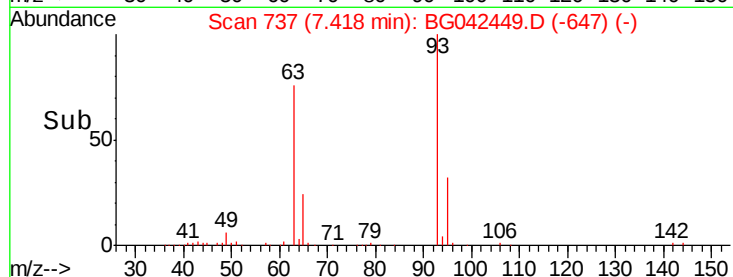
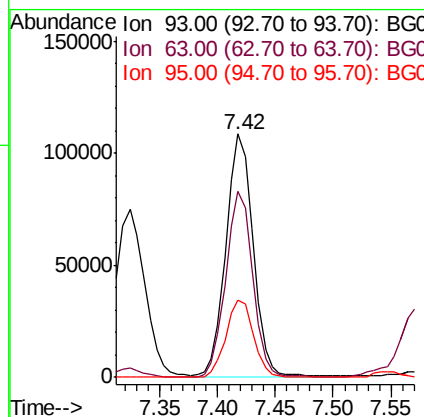
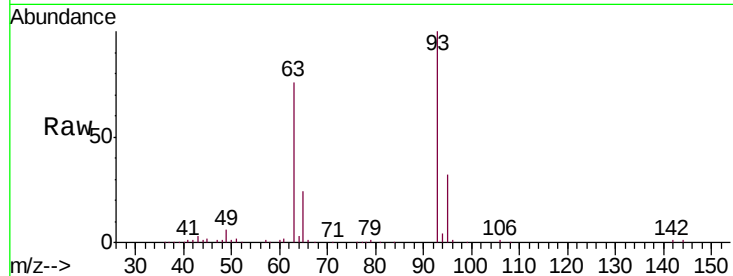
#11
bis(2-Chloroethyl)ether
Concen: 45.450 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	179870		
63	76.3	53.8	93.8	
95	32.0	13.1	53.1	

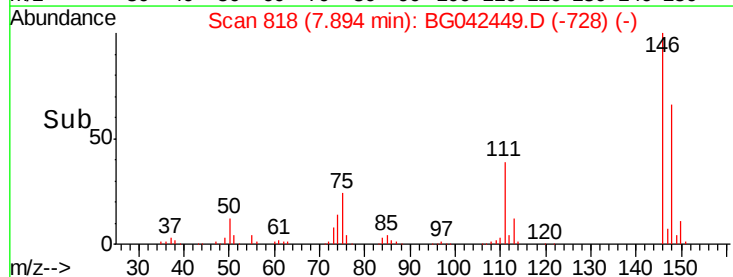
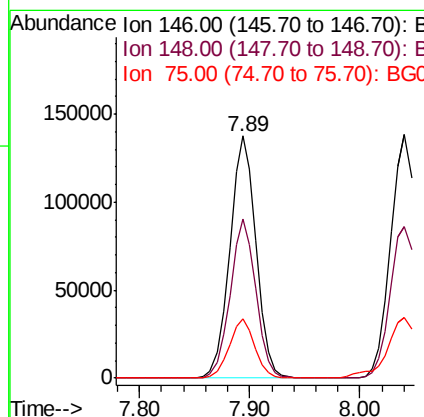
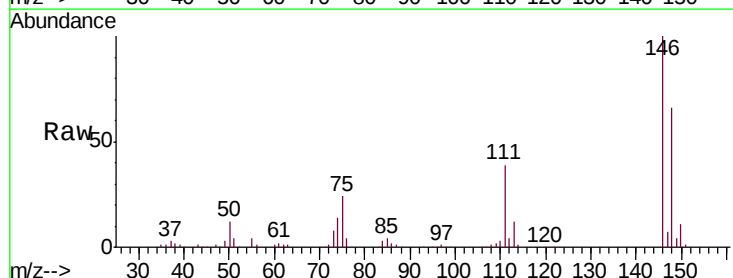
Manual Integrations
APPROVED

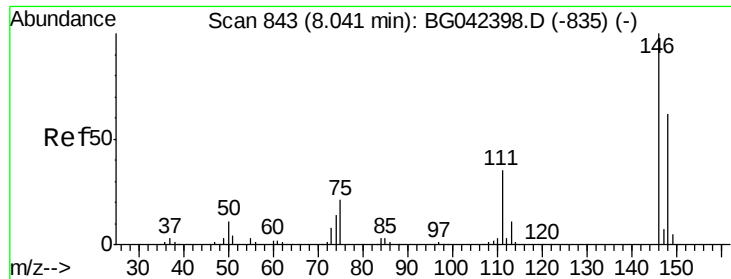
Jagrut
8/26/2019 2:02:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.145 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	227091		
148	66.0	52.2	78.2	
75	24.5	18.0	27.0	





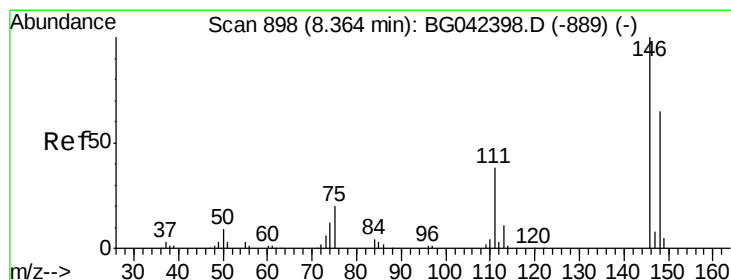
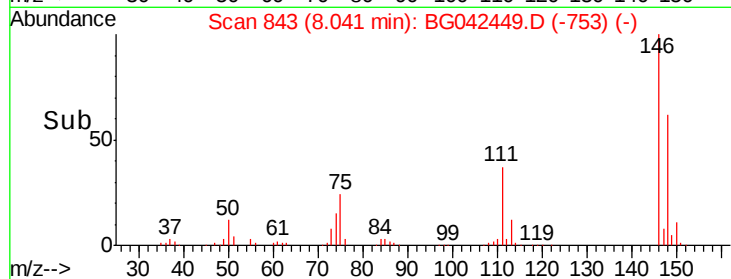
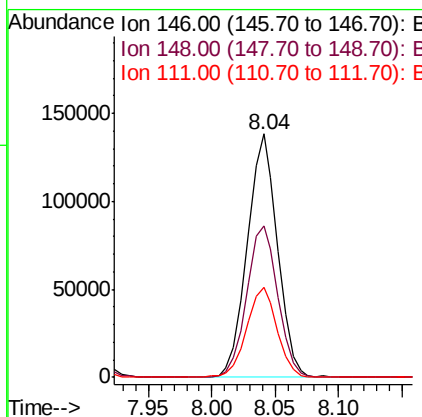
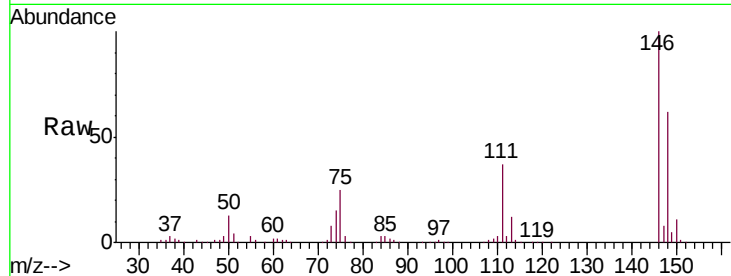
#13
 1,4-Dichlorobenzene
 Concen: 40.007 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.5	74.3
111	36.8	28.1	42.1

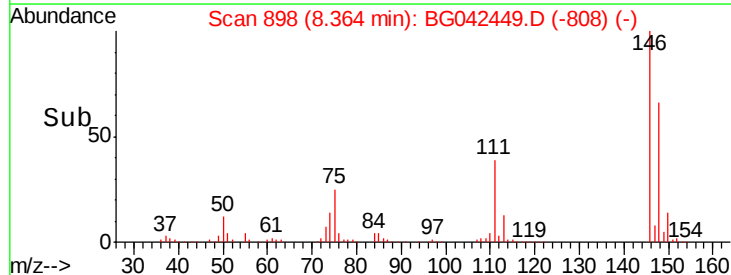
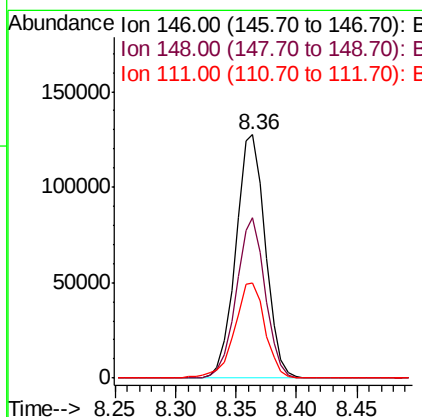
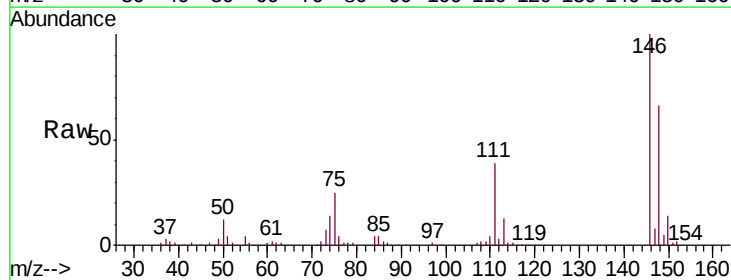
Manual Integrations
 APPROVED

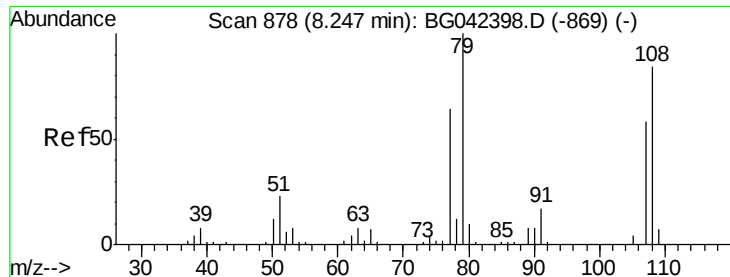
Jagrut
 8/26/2019 2:02:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.483 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.6
111	39.0	30.9	46.3





#15

Benzyl Alcohol

Concen: 41.888 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleID :

OR-03-082219MSD

Tot Ion: 79 Resp: 149357
Ion Ratio Lower Upper

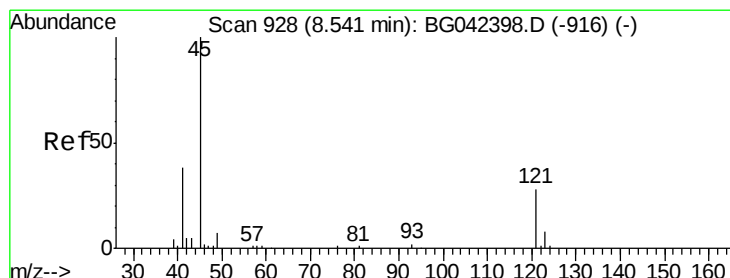
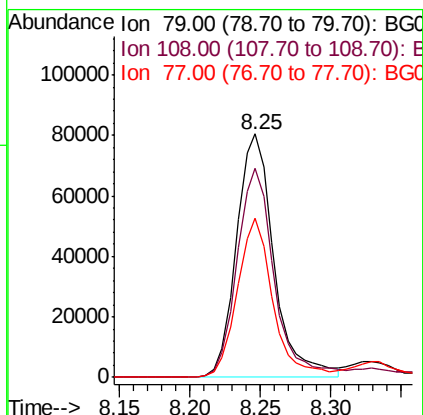
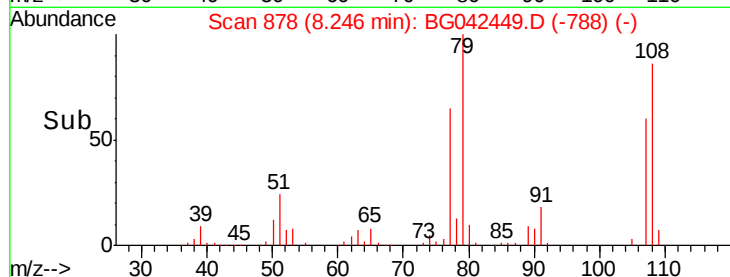
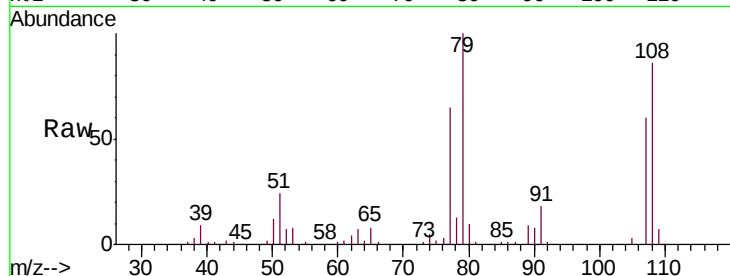
79 100

108 85.8 67.4 101.2

77 65.1 50.8 76.2

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.191 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042449.D

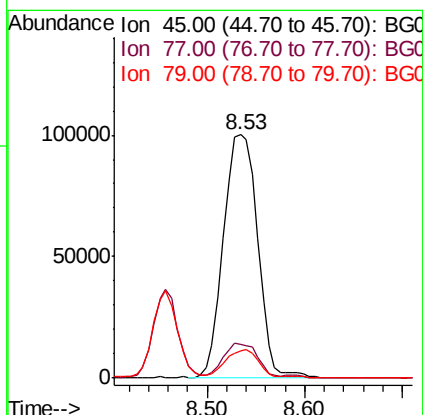
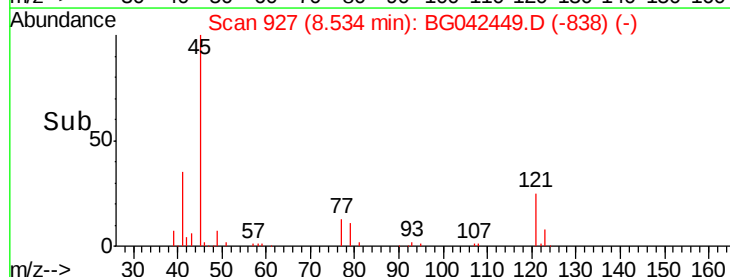
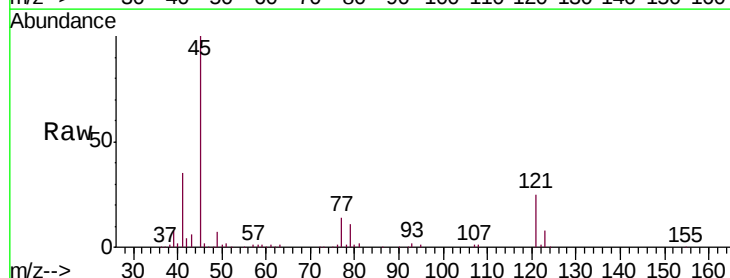
Acq: 24 Aug 2019 1:14

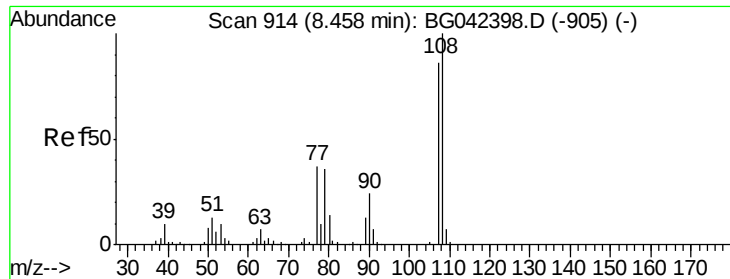
Tgt Ion: 45 Resp: 242401
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.6

79 11.4 0.0 31.6





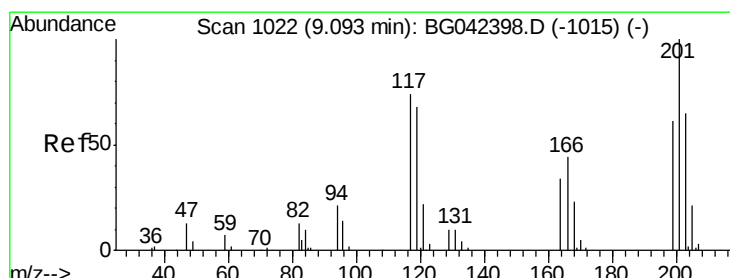
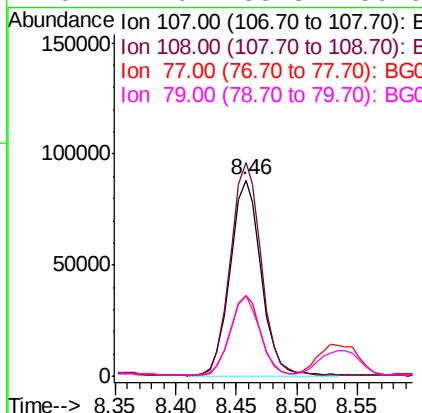
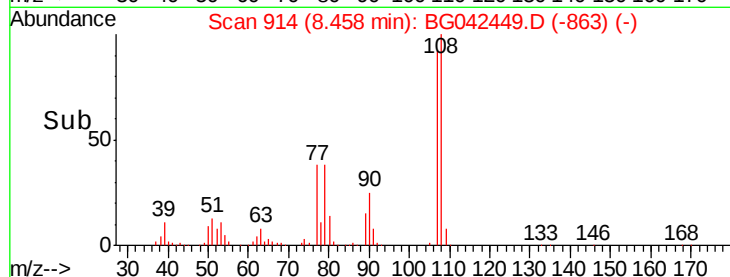
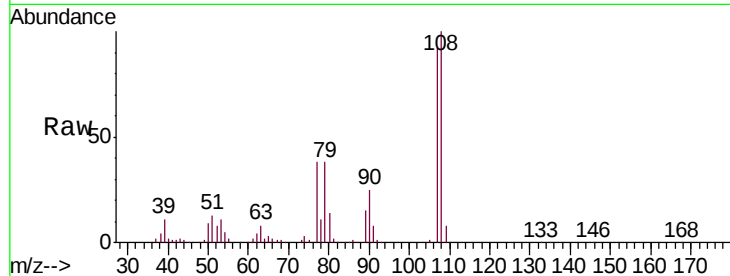
#17
2-Methylphenol
Concen: 42.175 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	156536		
108	108.00	108.8		92.9	139.3
77	77.00	41.1		34.4	51.6
79	79.00	41.0		33.8	50.6

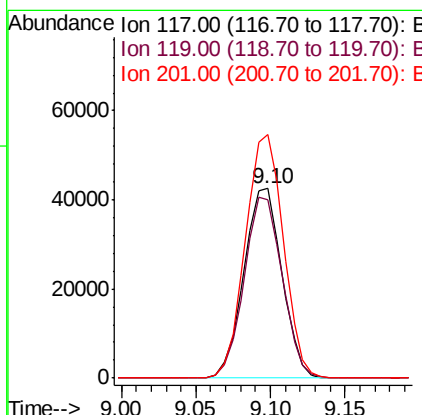
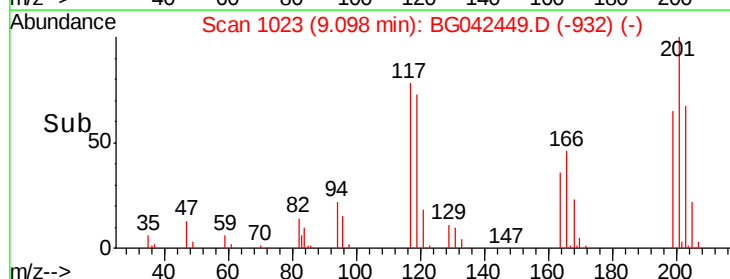
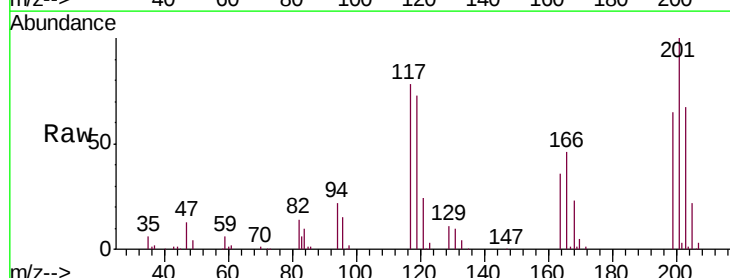
Manual Integrations
APPROVED

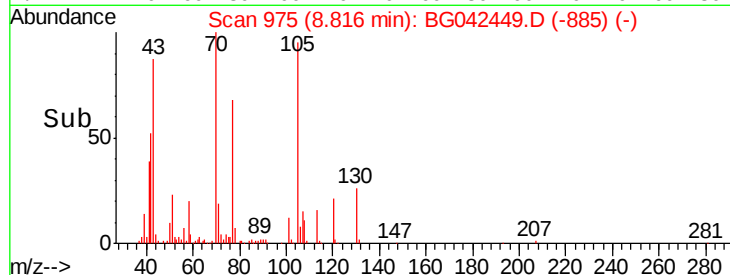
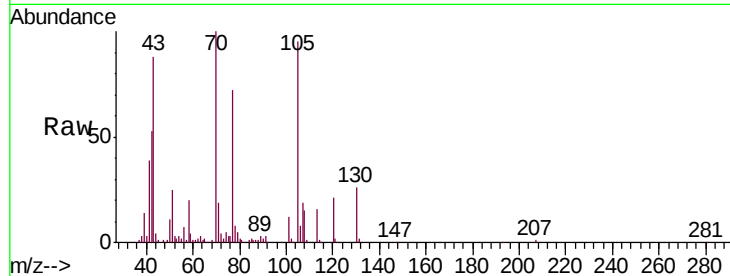
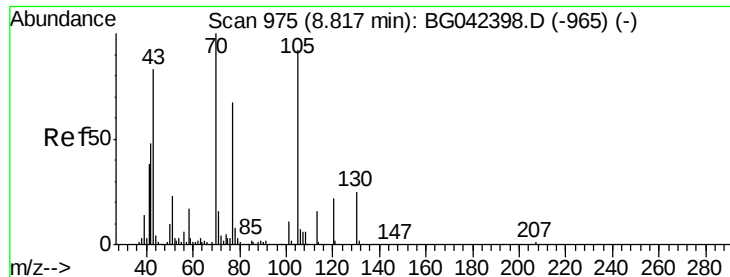
Jagrut
8/26/2019 2:02:03 PM



#18
Hexachloroethane
Concen: 38.189 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	74910		
119	119.00	94.4		73.8	110.8
201	201.00	128.5		108.3	162.5





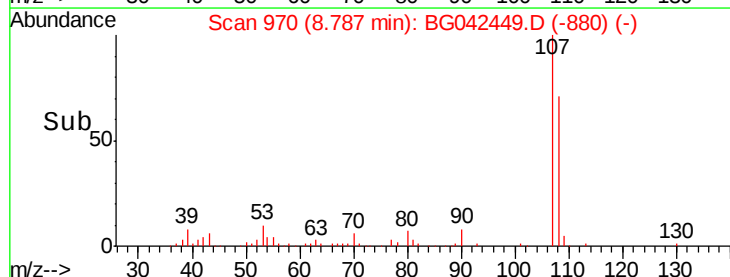
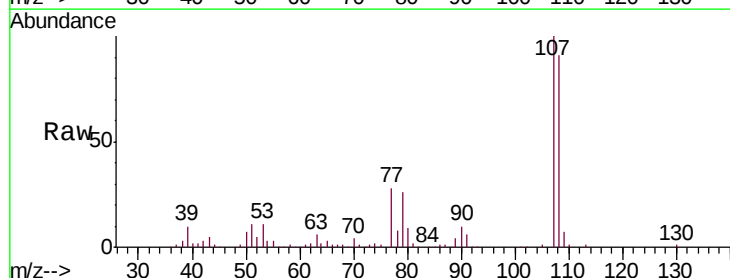
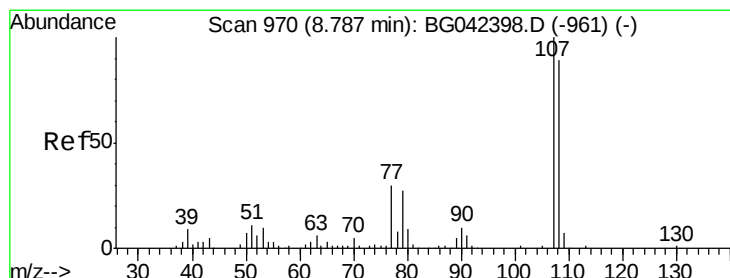
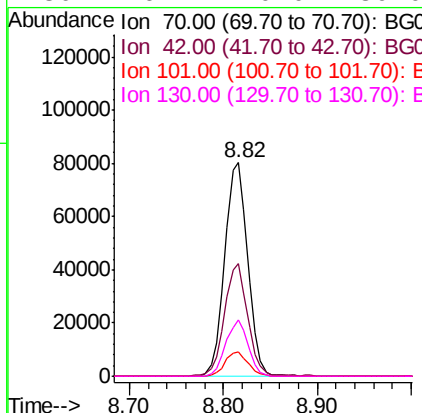
#19
n-Nitroso-di-n-propylamine
Concen: 42.549 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Manual Integrations
APPROVED

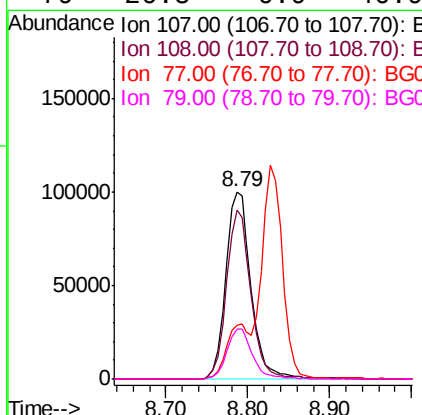
Jagrut
8/26/2019 2:02:03 PM

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	38.8	58.2	
101	11.7	9.0	13.6	
130	26.2	20.0	30.0	



#20
3+4-Methylphenols
Concen: 41.575 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.7	108.7	
77	28.5	10.2	50.2	
79	26.5	6.9	46.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

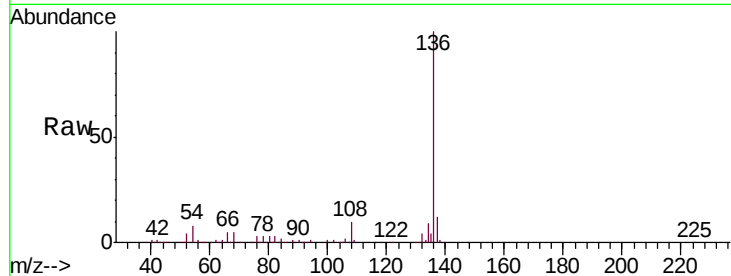
ClientSampleId :

OR-03-082219MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.5	4.9	7.3
68	4.9	3.6	5.4

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



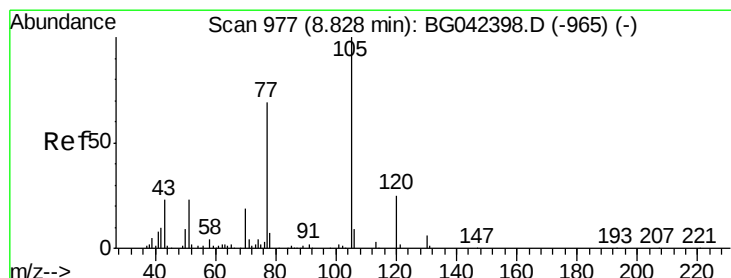
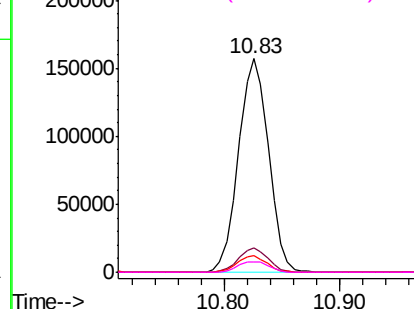
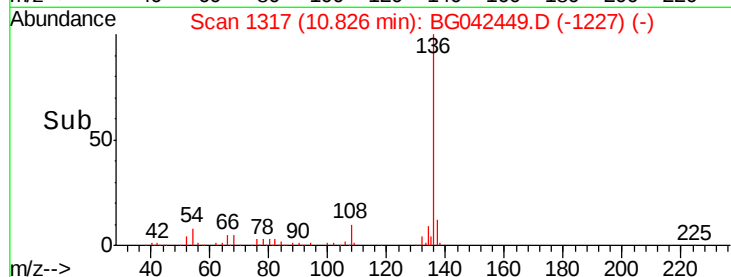
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.149 ng

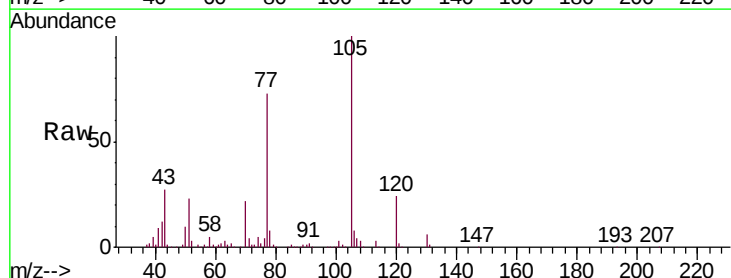
RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.9	2.8	4.2
51	23.4	18.7	28.1
120	24.1	20.1	30.1



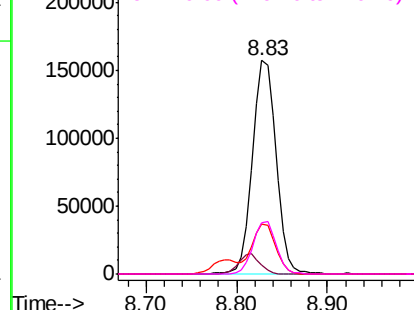
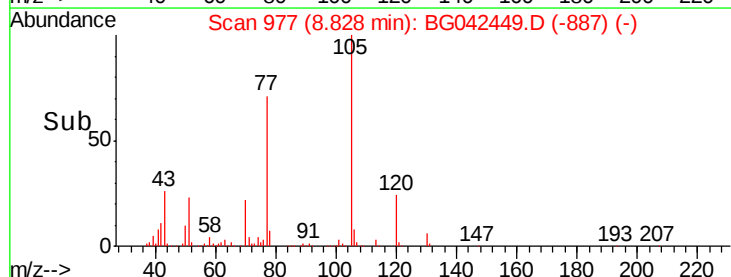
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





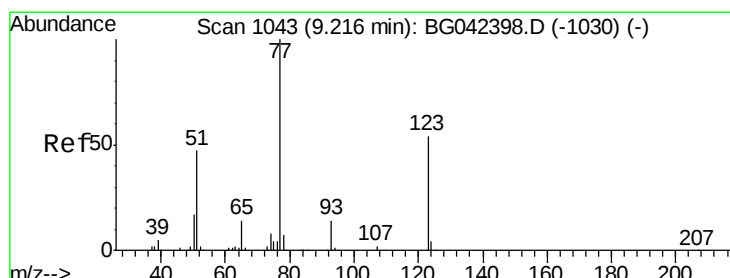
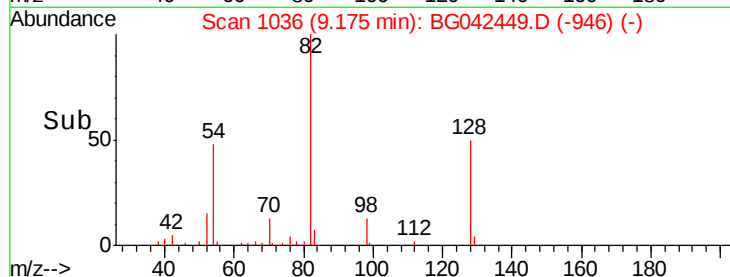
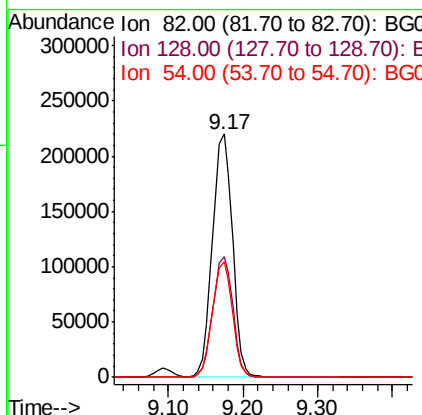
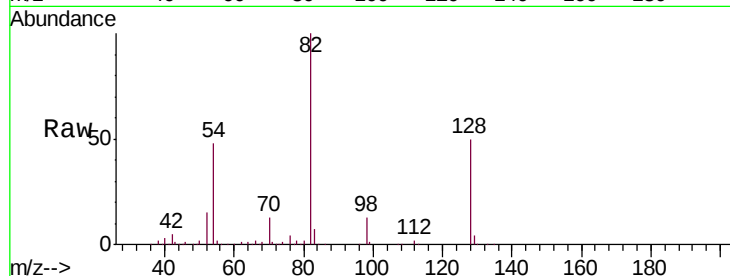
#23
 Nitrobenzene-d5
 Concen: 100.479 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	47.7	36.3	54.5

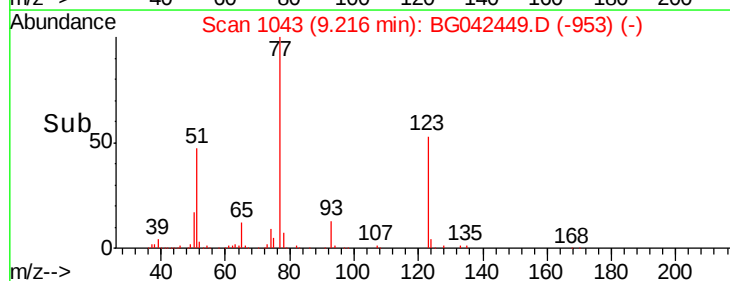
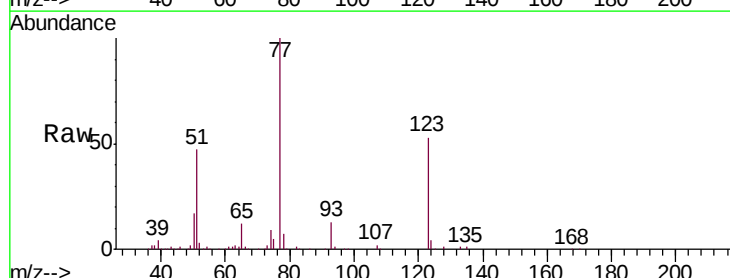
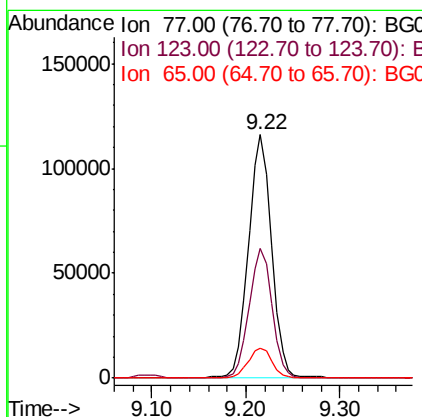
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM



#24
 Nitrobenzene
 Concen: 47.943 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	43.4	65.0
65	12.4	11.0	16.6





#25

Isophorone

Concen: 46.757 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

Tot Ion: 82 Resp: 377451

Ion Ratio Lower Upper

82 100

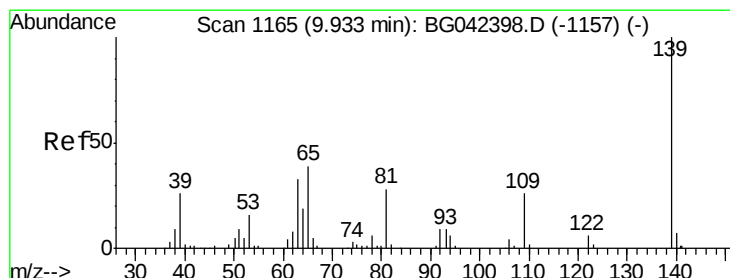
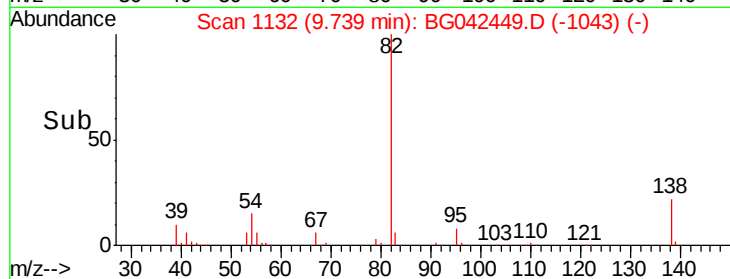
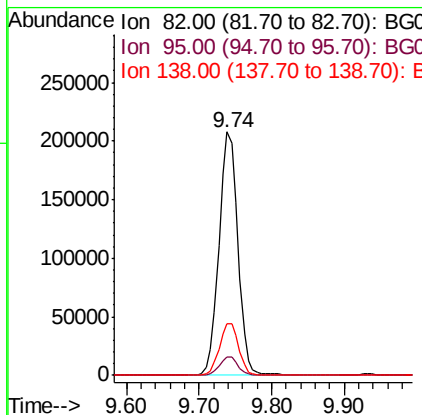
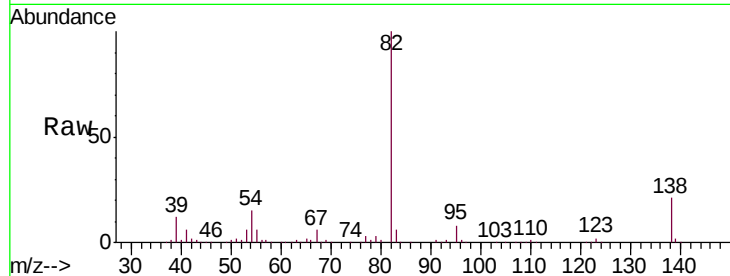
95 7.6 6.6 9.8

138 21.4 18.6 27.8

Manual Integrations
APPROVED

Jagrut

8/26/2019 2:02:03 PM



#26

2-Nitrophenol

Concen: 42.937 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

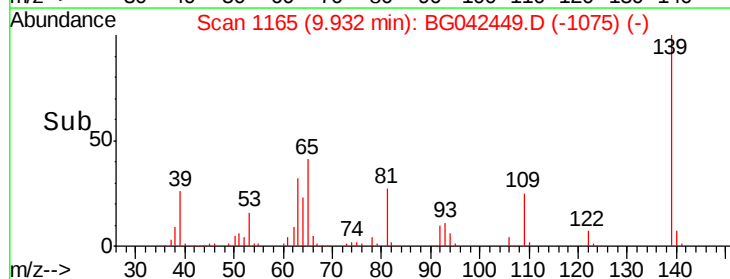
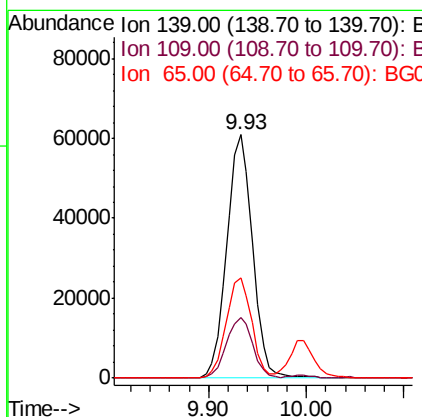
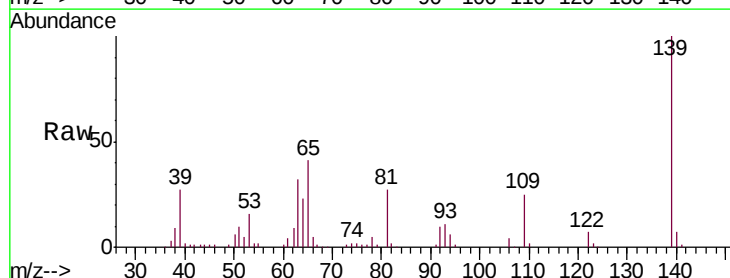
Tgt Ion: 139 Resp: 111454

Ion Ratio Lower Upper

139 100

109 24.9 20.5 30.7

65 41.4 30.9 46.3





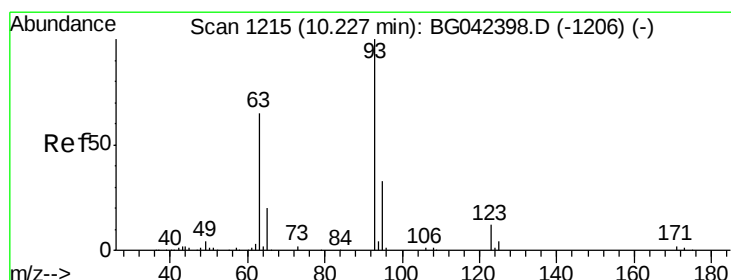
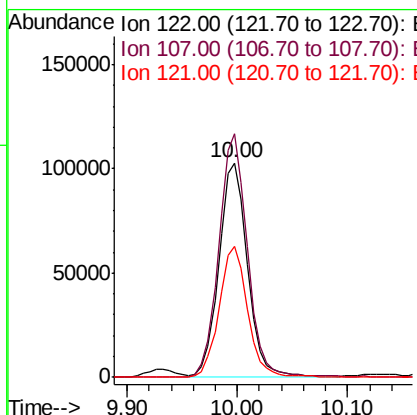
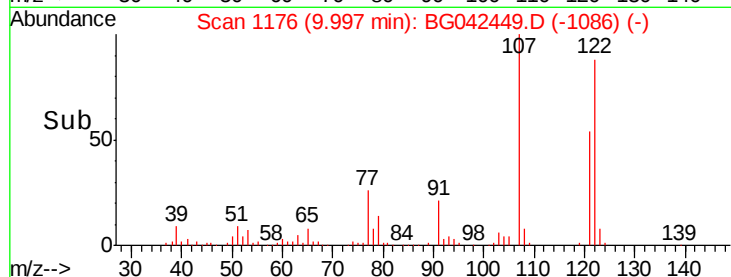
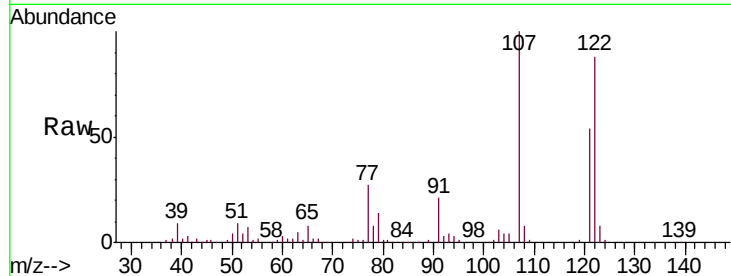
#27
 2,4-Dimethylphenol
 Concen: 51.549 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		184322		
107	113.5	90.8	136.2		
121	61.1	49.6	74.4		

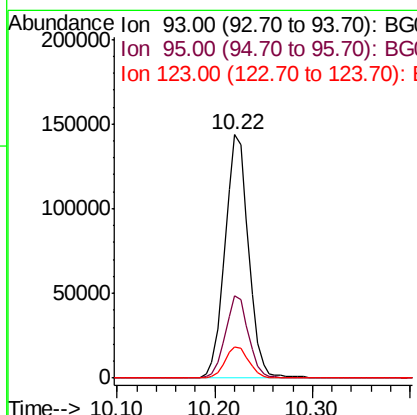
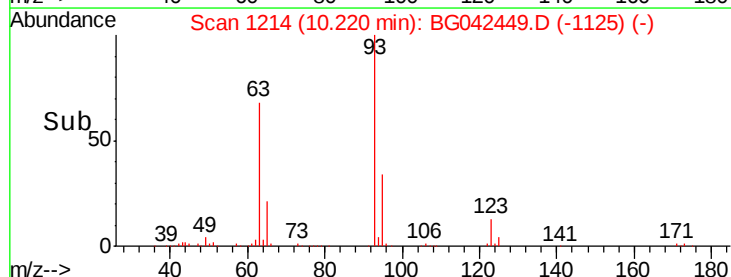
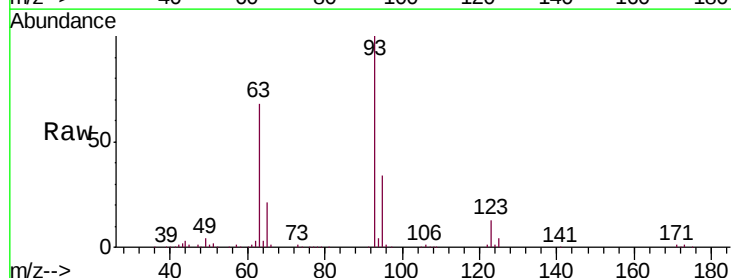
Manual Integrations
 APPROVED

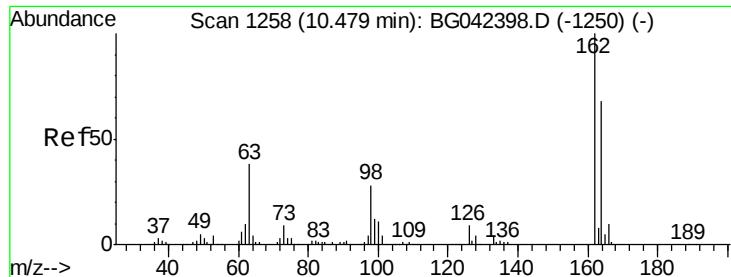
Jagrut
 8/26/2019 2:02:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.267 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		240492		
95	33.9	26.6	40.0		
123	12.9	10.1	15.1		





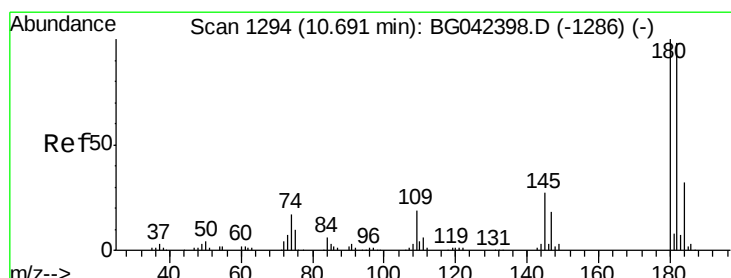
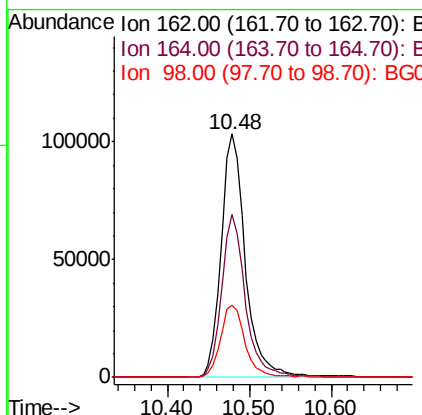
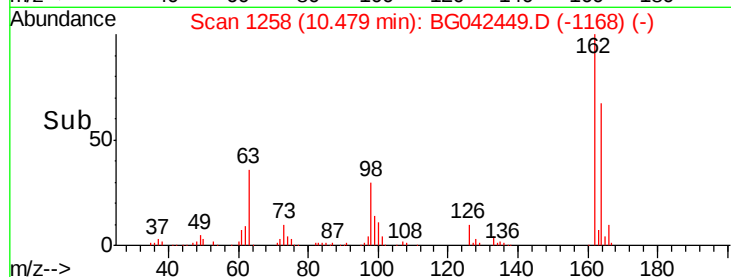
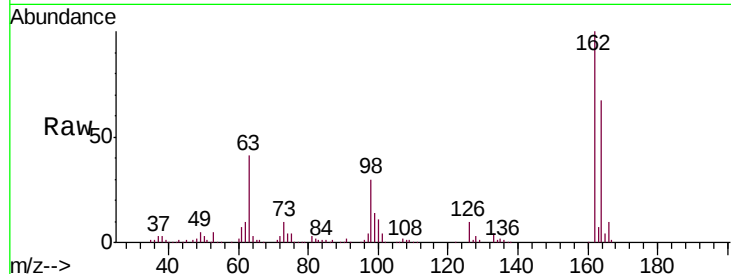
#29
2,4-Dichlorophenol
Concen: 45.586 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.1	48.1	88.1
98	29.6	7.6	47.6

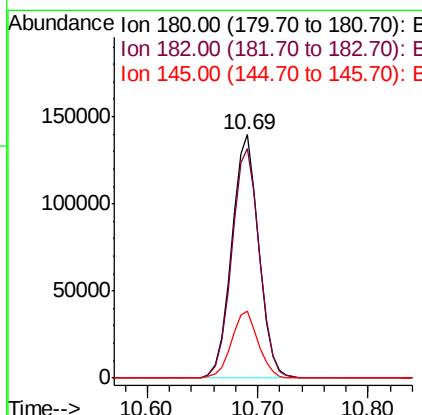
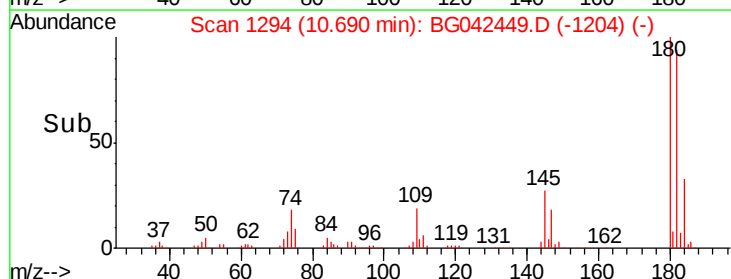
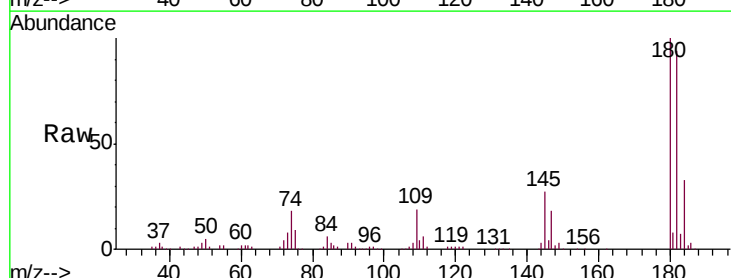
Manual Integrations
APPROVED

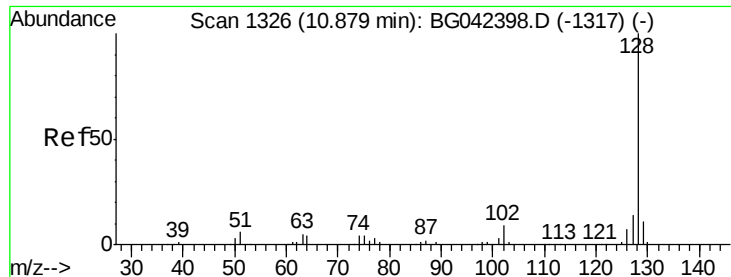
Jagrut
8/26/2019 2:02:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.737 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	78.7	118.1
145	27.3	21.6	32.4





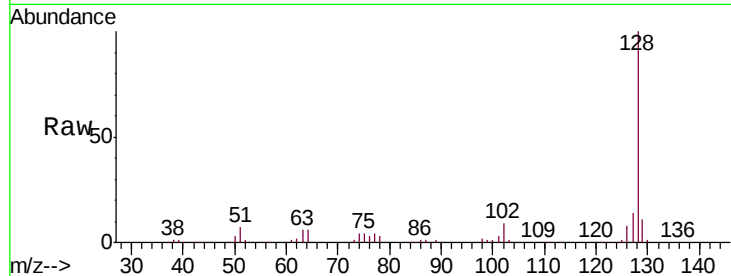
#31
Naphthalene
Concen: 46.128 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.4	11.4	17.0

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM

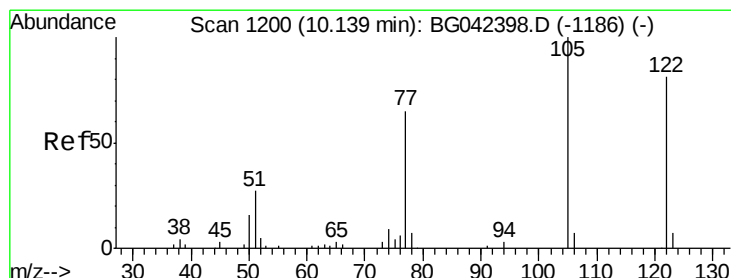
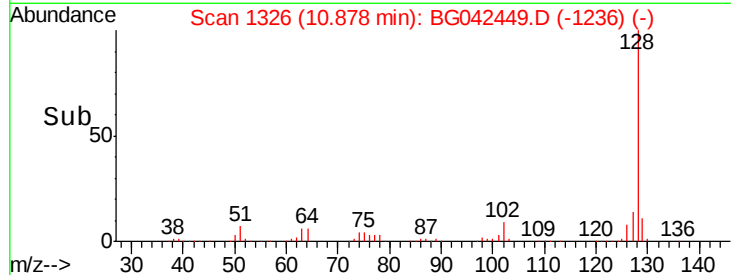
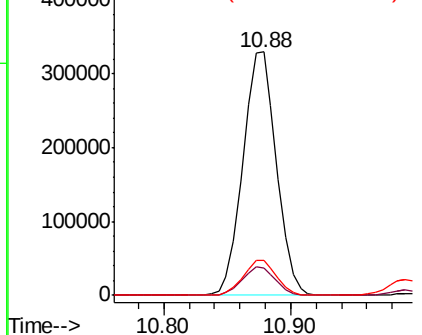


Abundance

Ion 128.00 (127.70 to 128.70): E

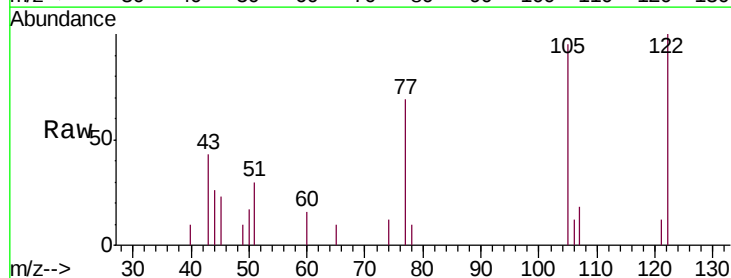
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 10.450 ng m
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	94.6	99.6	139.6#
77	69.2	59.5	99.5

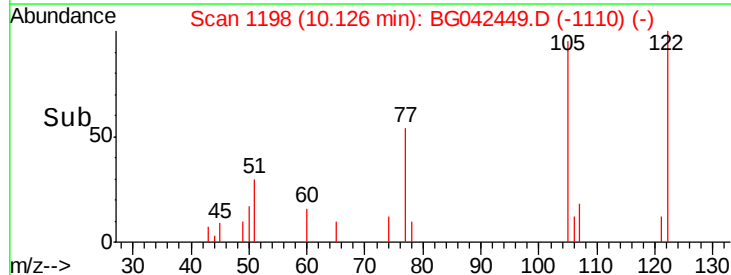
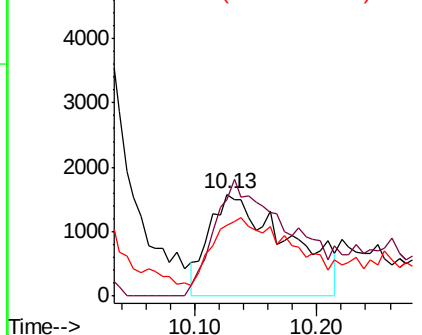


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





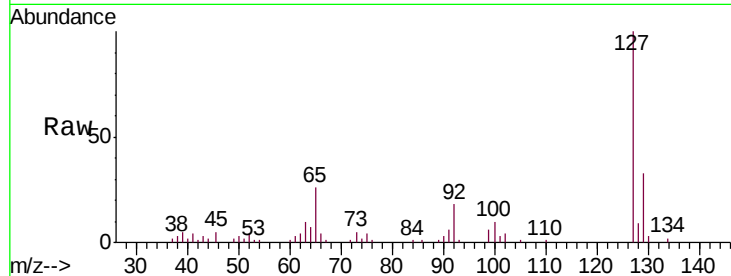
#33
4-Chloroaniline
Concen: 8.465 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

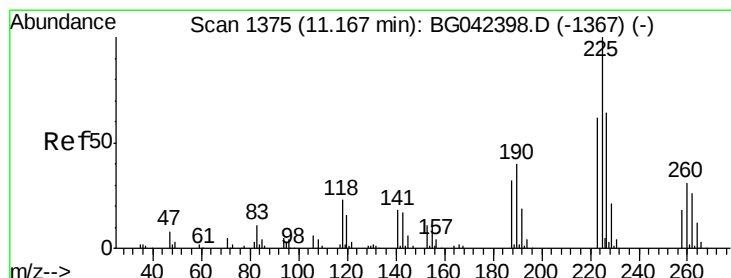
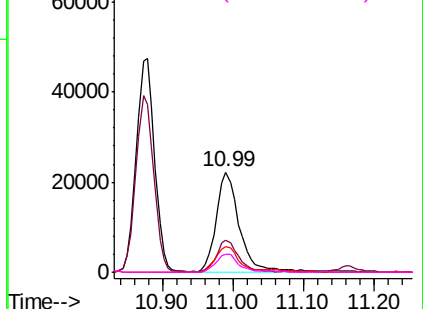
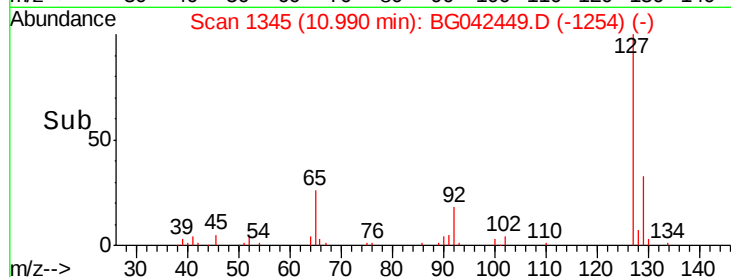
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.8	40.2
65	25.6	20.7	31.1
92	17.9	13.6	20.4

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM

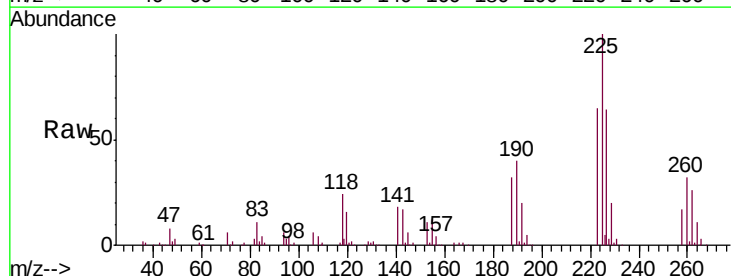


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

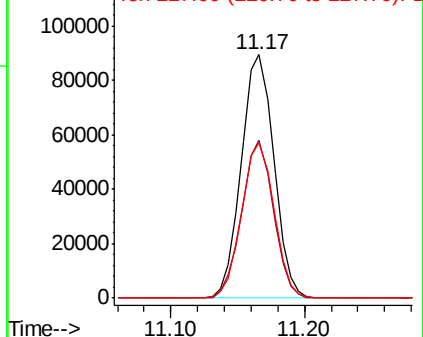
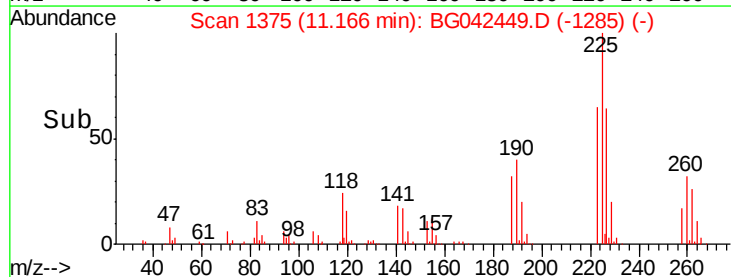


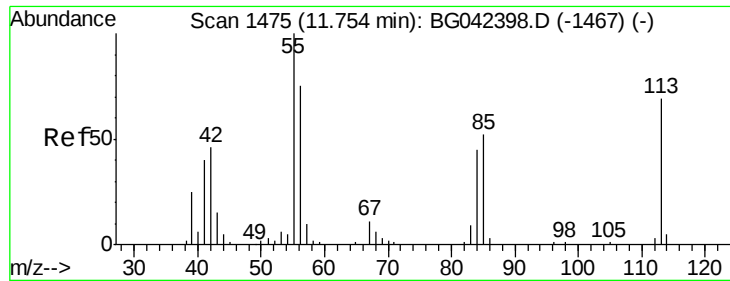
#34
Hexachlorobutadiene
Concen: 39.132 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	63.9	50.9	76.3



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





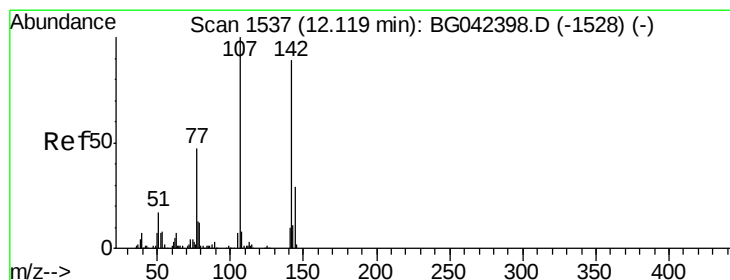
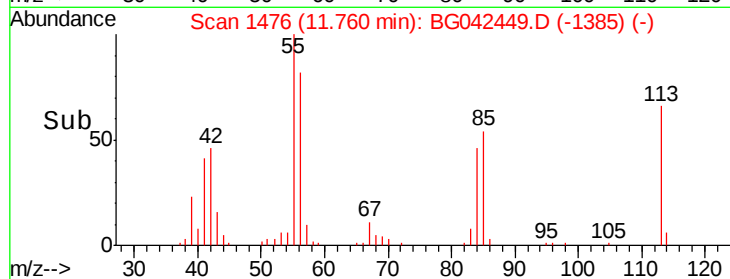
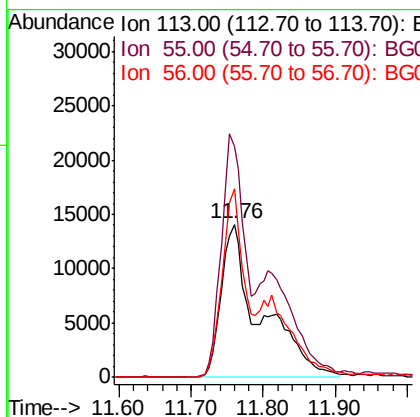
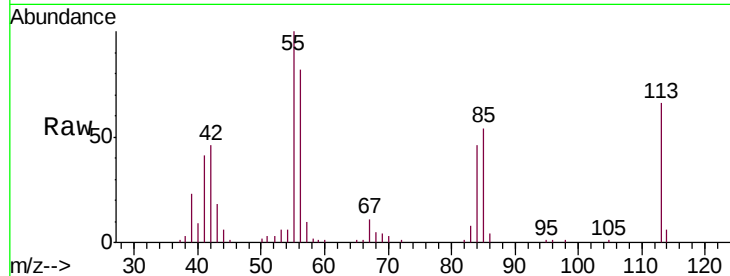
#35
 Caprolactam
 Concen: 33.748 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	150.9	124.6	164.6		
56	123.2	88.3	128.3		

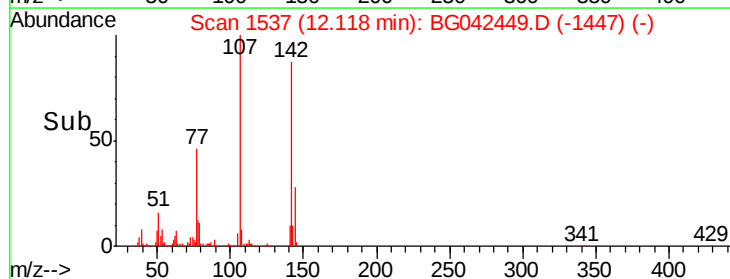
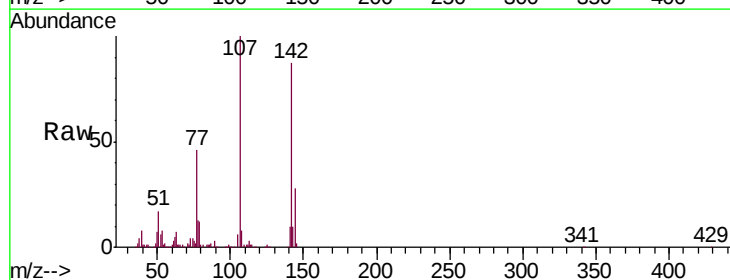
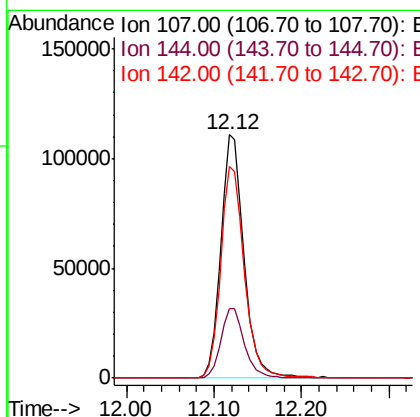
Manual Integrations
 APPROVED

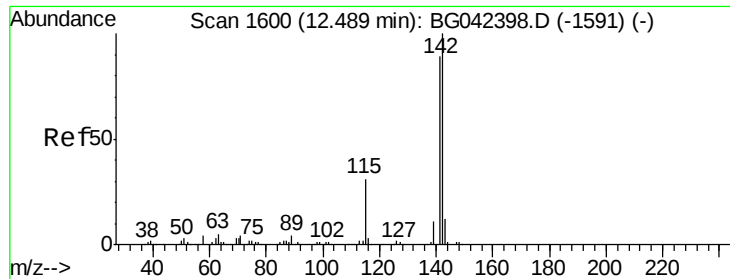
Jagrut
 8/26/2019 2:02:03 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.683 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.4	23.6	35.4		
142	86.7	71.0	106.4		





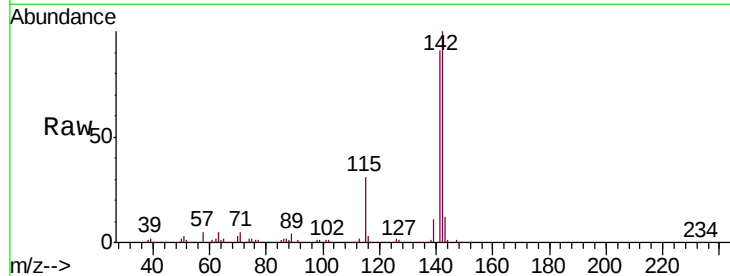
#37
 2-Methylnaphthalene
 Concen: 45.063 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	31.1	25.2	37.8

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM

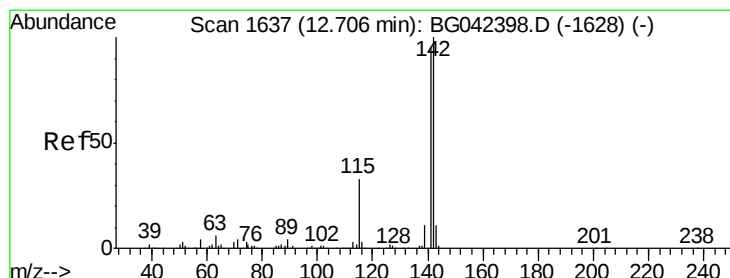
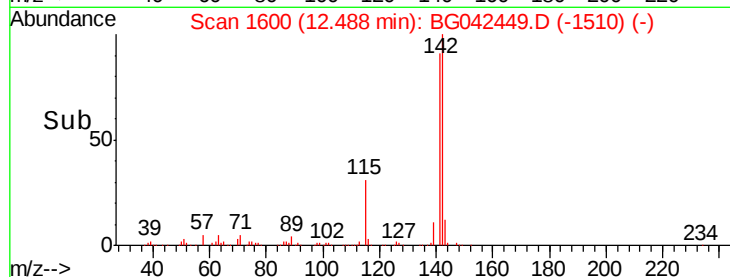
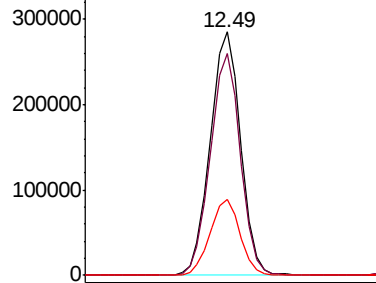


Abundance

Ion 142.00 (141.70 to 142.70): E

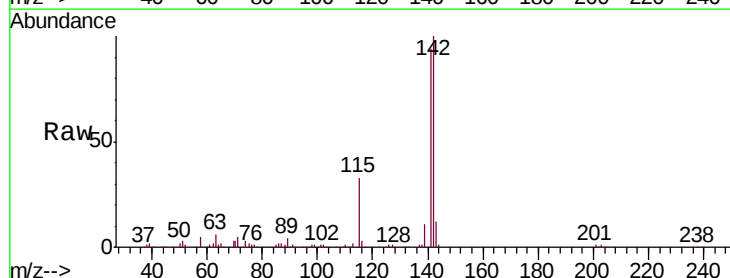
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.728 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.2	114.2
116	3.3	2.8	4.2

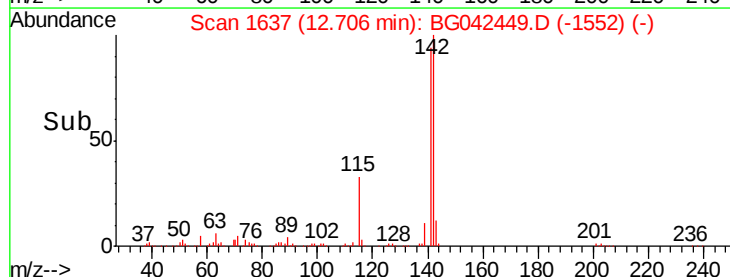
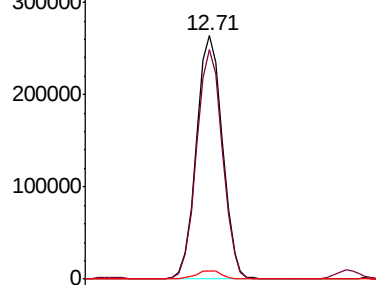


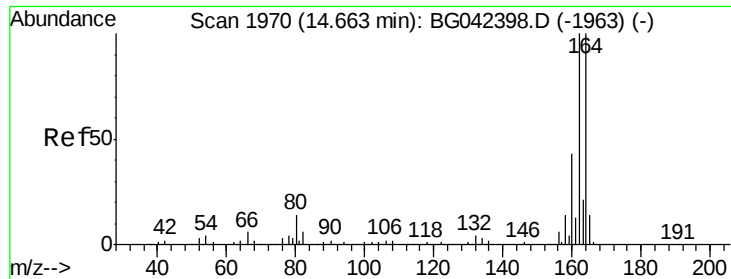
Abundance

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





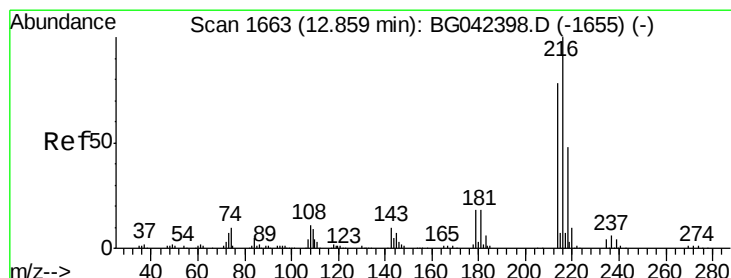
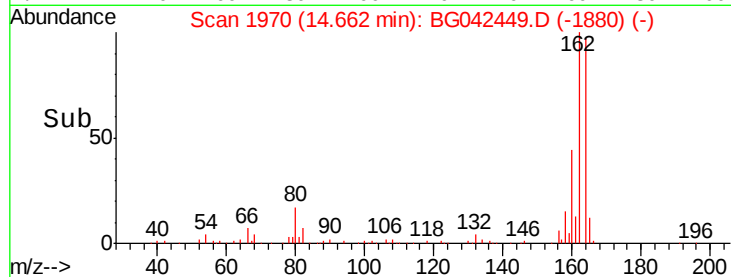
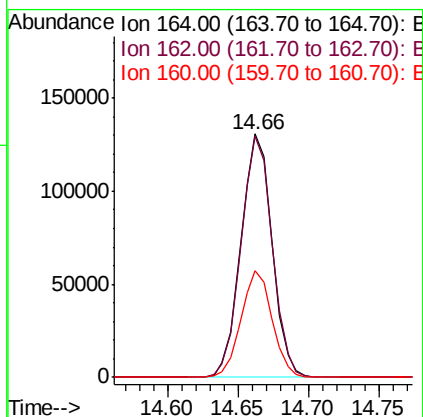
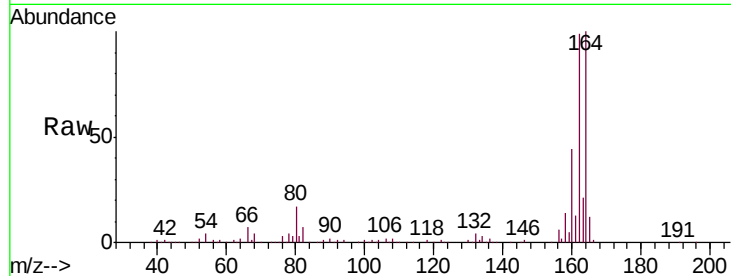
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.9	119.9
160	43.8	34.3	51.5

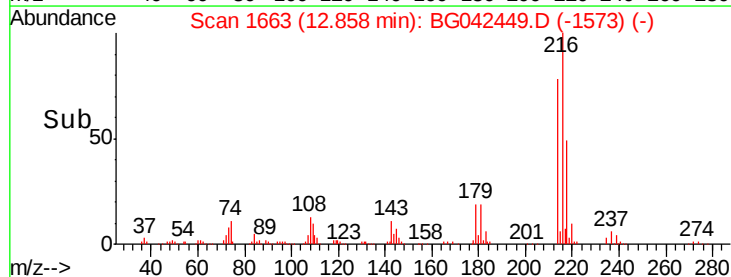
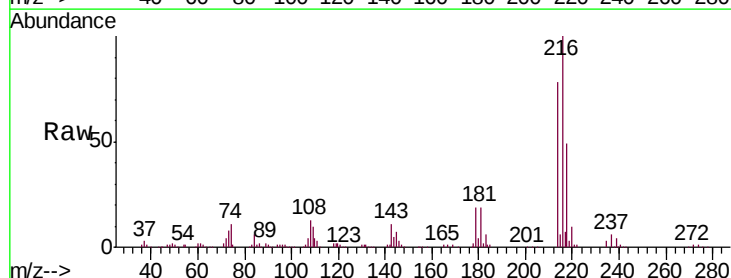
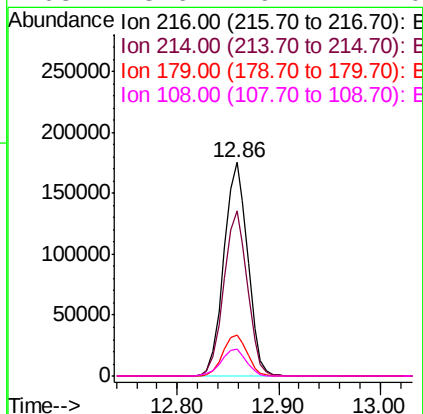
Manual Integrations
APPROVED

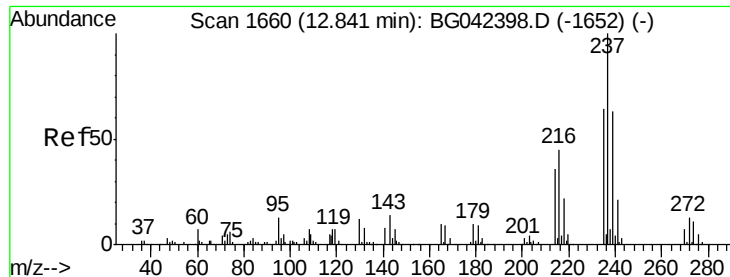
Jagrut
8/26/2019 2:02:03 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.066 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.4	92.2
179	19.5	15.1	22.7
108	13.6	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 44.880 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

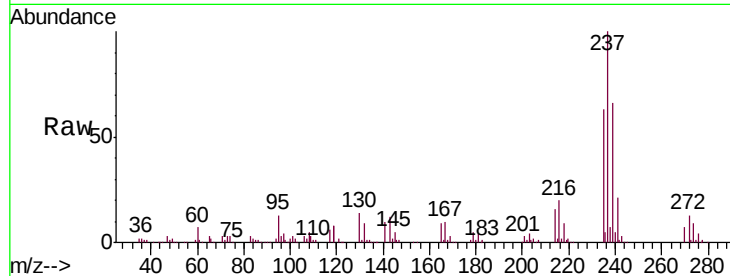
ClientSampleId :

OR-03-082219MSD

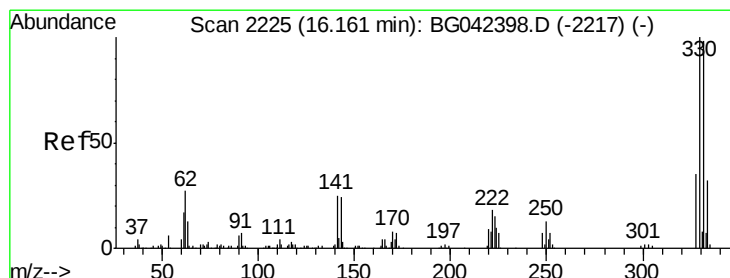
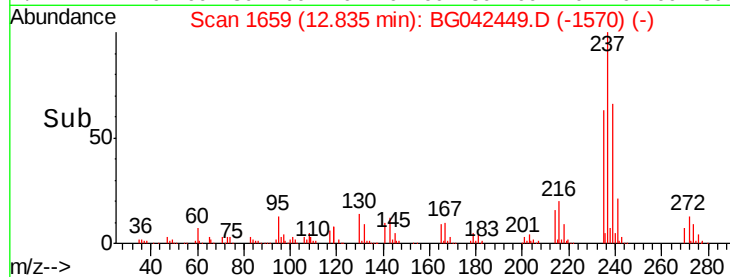
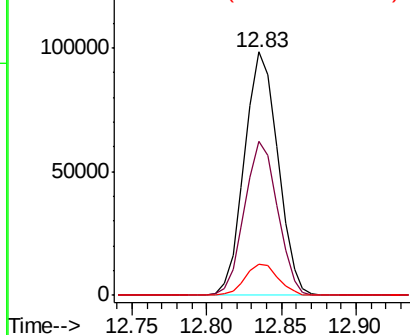
Tot Ion:	237	Resp:	152507
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.7	83.7
272	12.8	0.0	33.3

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 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: 114.739 ng

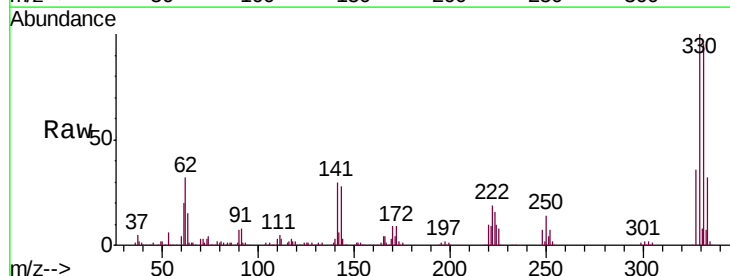
RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

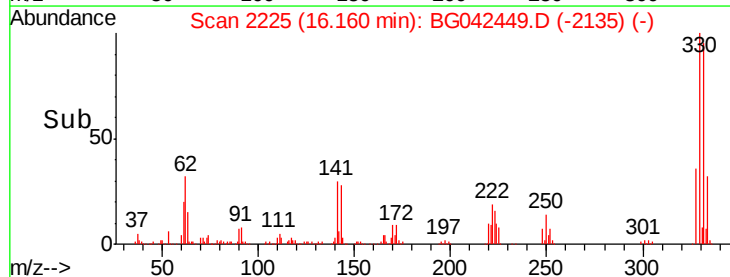
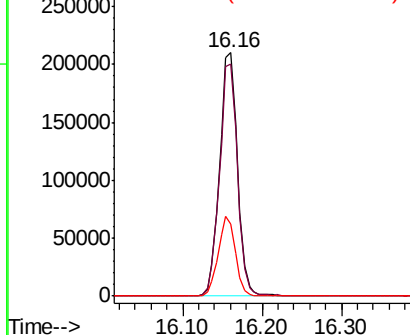
Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	330	Resp:	328518
Ion Ratio		Lower	Upper
330	100		
332	95.8	77.4	116.0
141	31.7	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





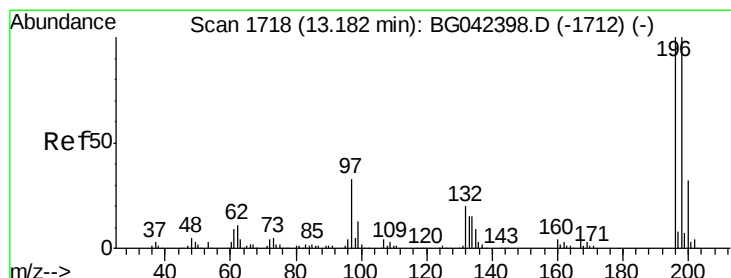
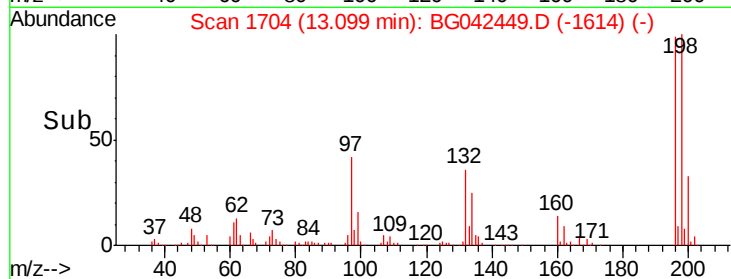
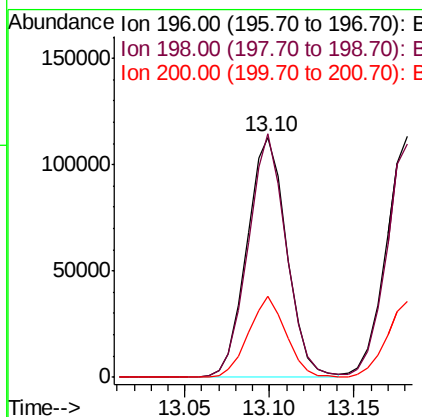
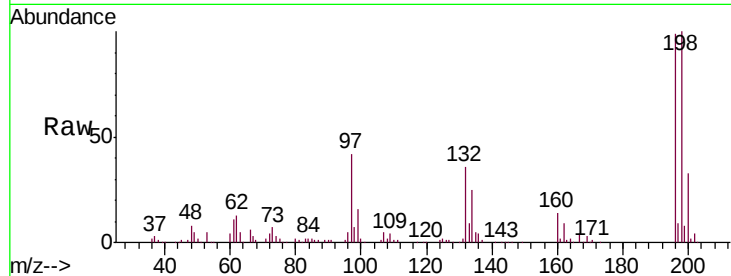
#43
 2,4,6-Trichlorophenol
 Concen: 42.181 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184444		
198	101.4	80.7	121.1	
200	33.5	25.7	38.5	

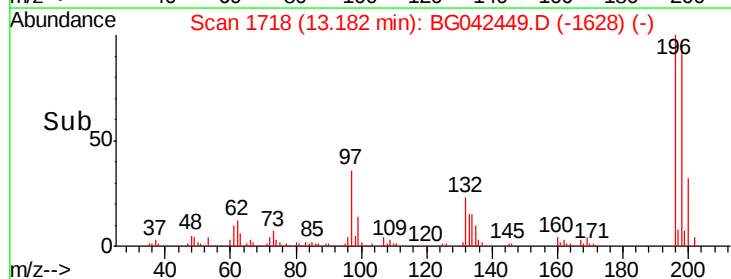
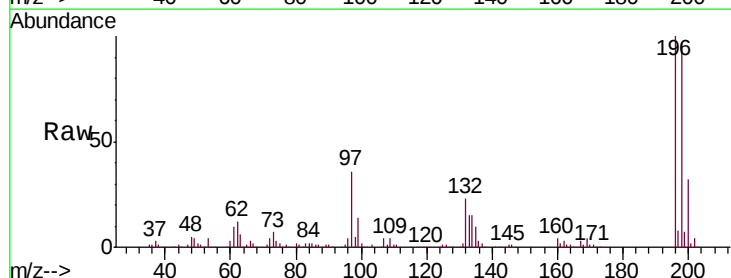
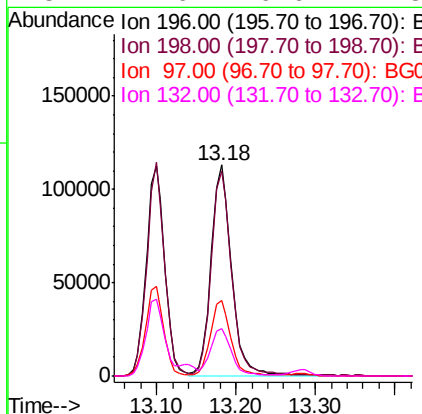
Manual Integrations
 APPROVED

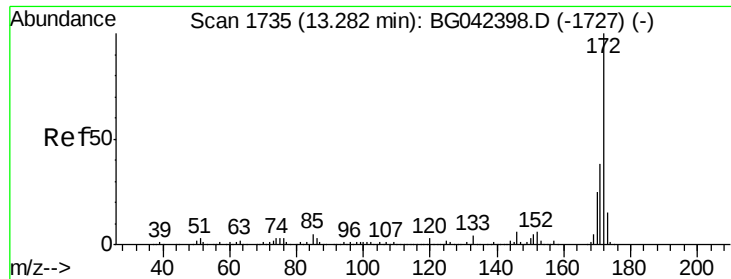
Jagrut
 8/26/2019 2:02:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.553 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201883		
198	97.1	80.2	120.4	
97	35.9	26.3	39.5	
132	22.6	16.6	24.8	





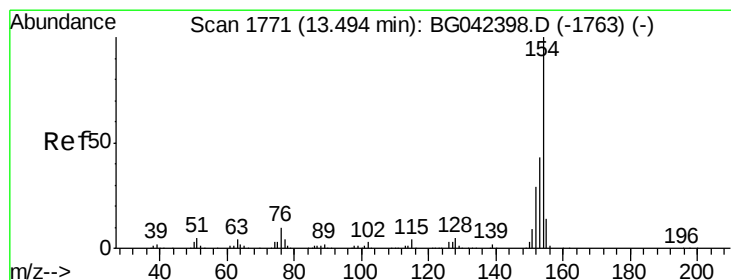
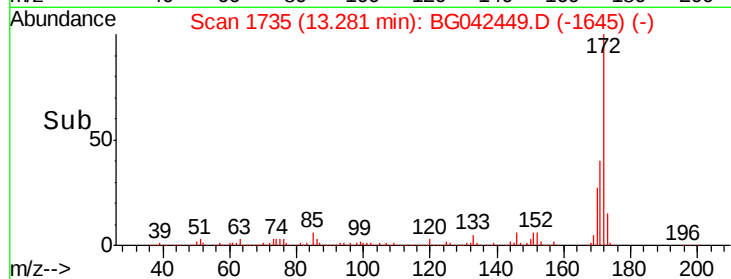
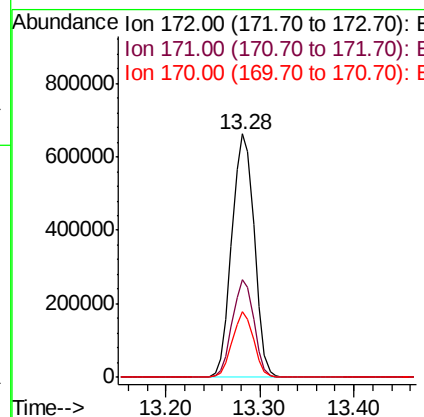
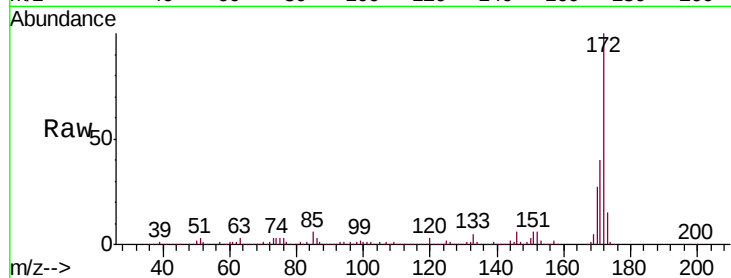
#45
2-Fluorobiphenyl
Concen: 92.135 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.5	45.7
170	27.0	20.2	30.2

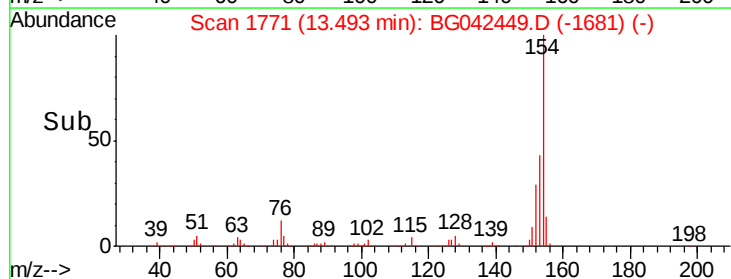
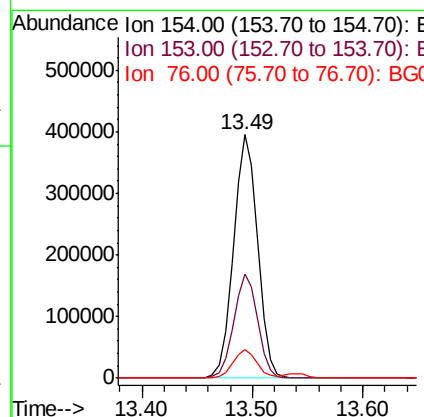
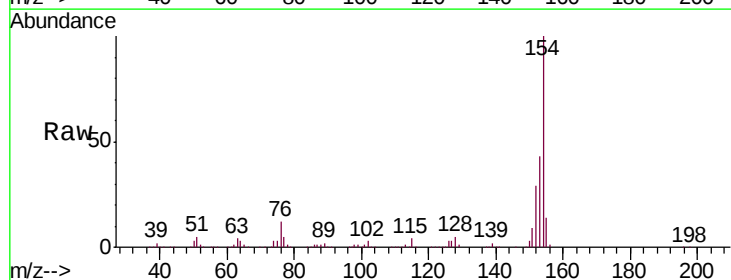
Manual Integrations
APPROVED

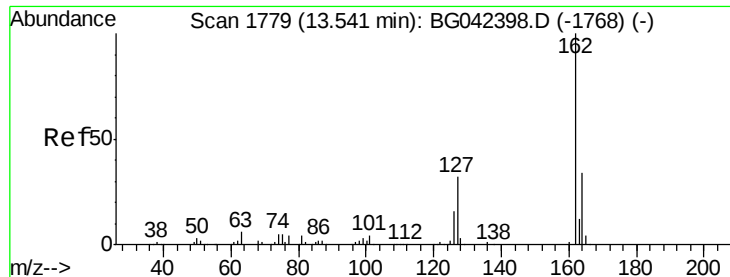
Jagrut
8/26/2019 2:02:03 PM



#46
1,1'-Biphenyl
Concen: 46.356 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.0	63.0
76	11.6	0.0	29.6





#47

2-Chloronaphthalene

Concen: 44.050 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

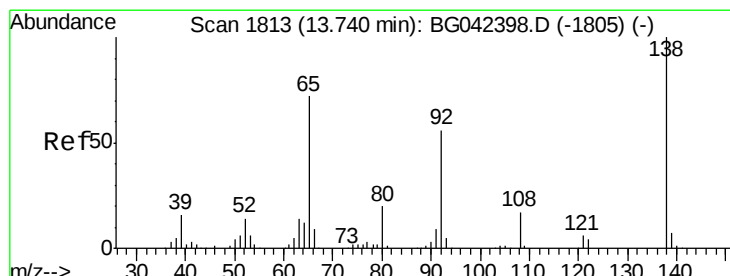
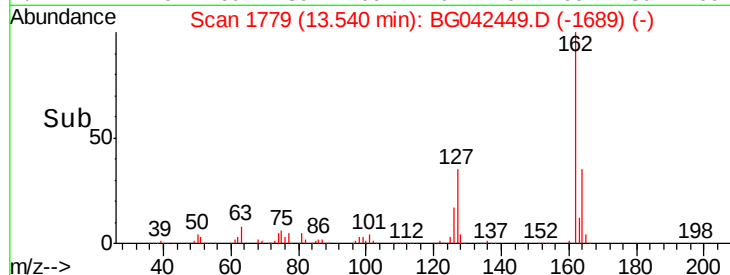
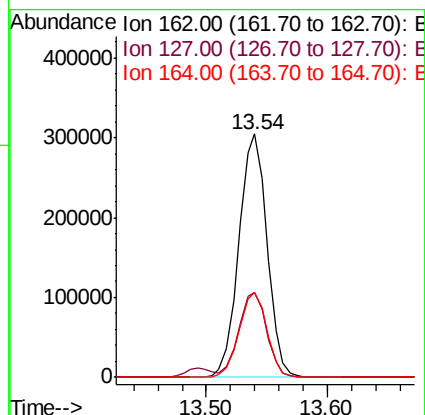
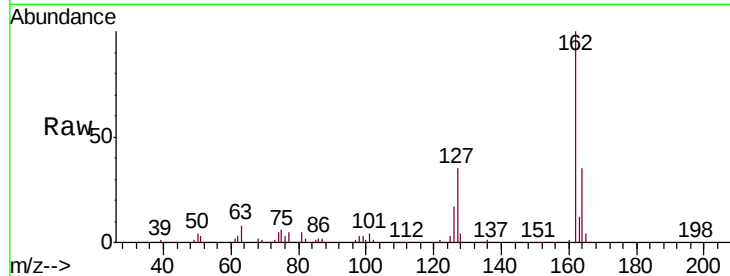
ClientSampleId :

OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	26.0	39.0
164	34.9	27.4	41.0

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#48

2-Nitroaniline

Concen: 48.870 ng

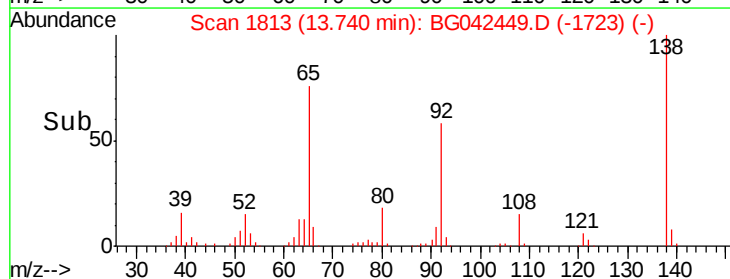
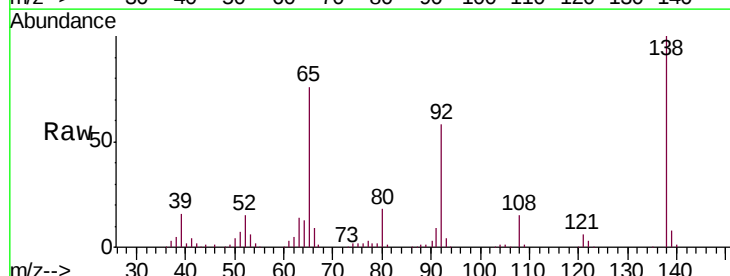
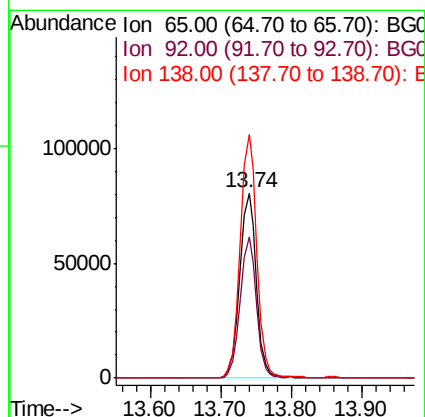
RT: 13.74 min Scan# 1813

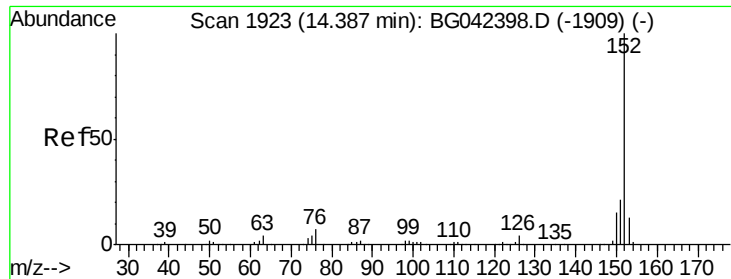
Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	61.8	92.6
138	131.8	111.0	166.6





#49

Acenaphthylene

Concen: 46.687 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

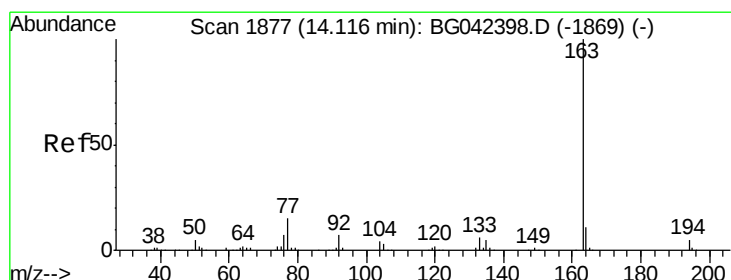
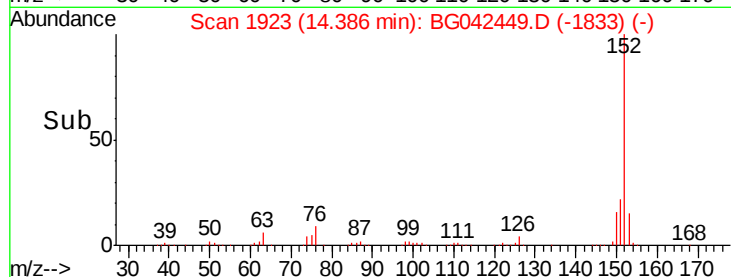
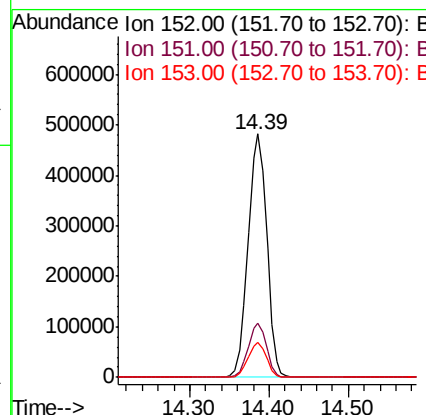
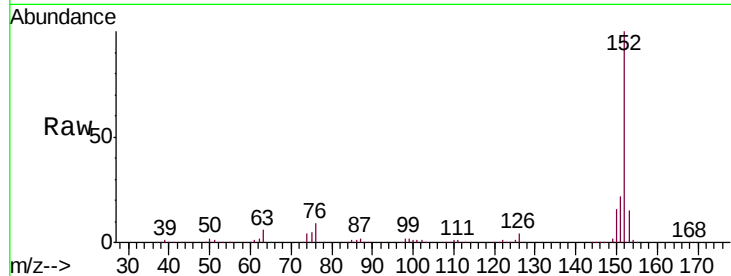
ClientSampleId :

OR-03-082219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		788630		
151	22.2	17.0	25.4		
153	14.5	10.6	16.0		

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#50

Dimethylphthalate

Concen: 44.413 ng

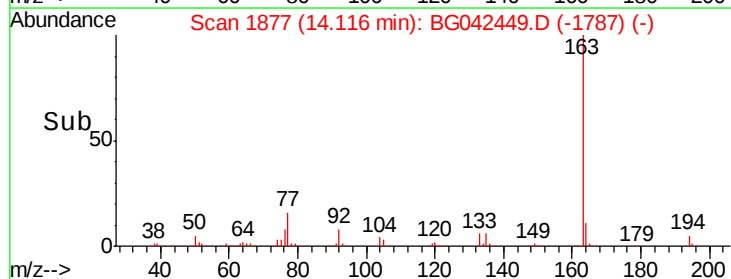
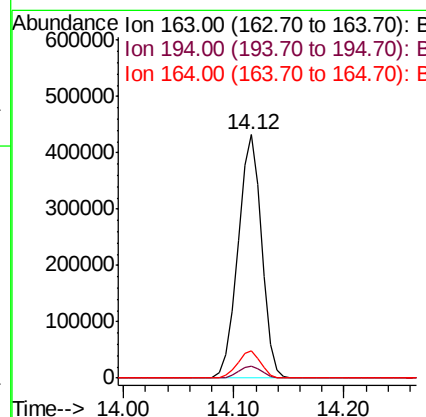
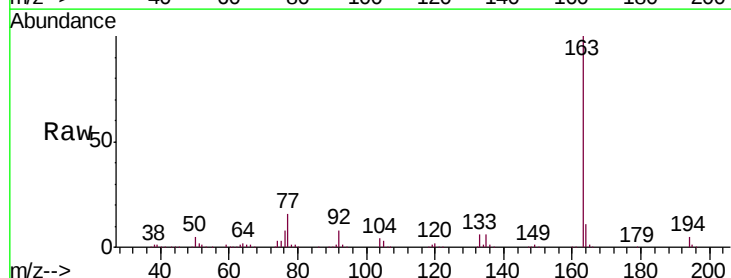
RT: 14.12 min Scan# 1877

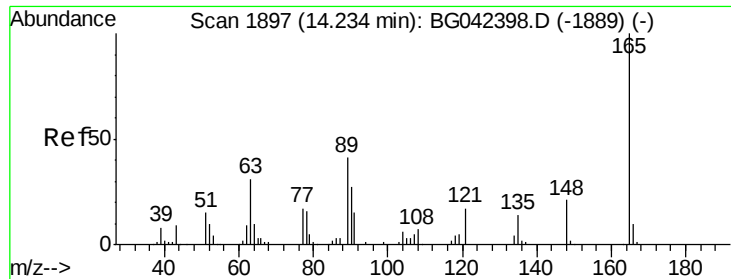
Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		645535		
194	5.0	4.2	6.2		
164	11.0	8.8	13.2		





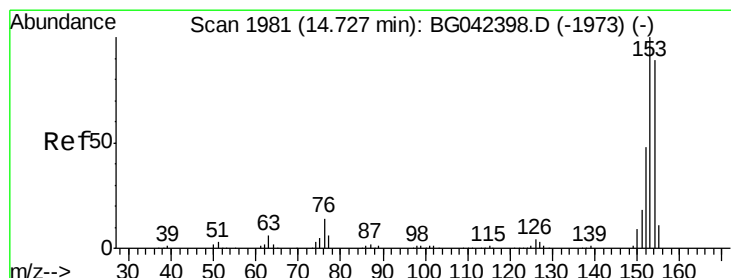
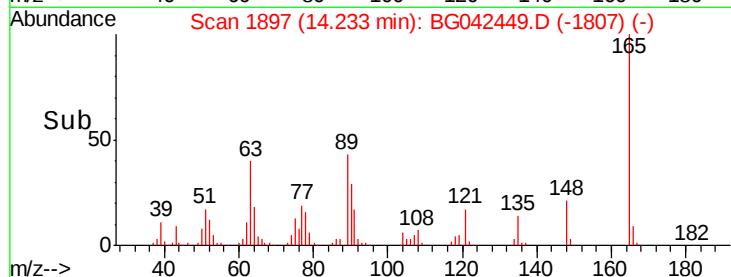
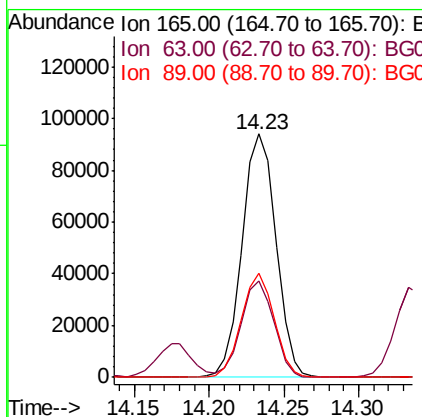
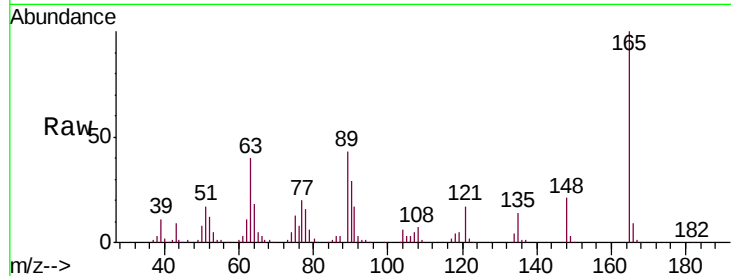
#51
2,6-Dinitrotoluene
Concen: 43.771 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	147468		
63	39.8	30.6	45.8	
89	42.6	32.6	49.0	

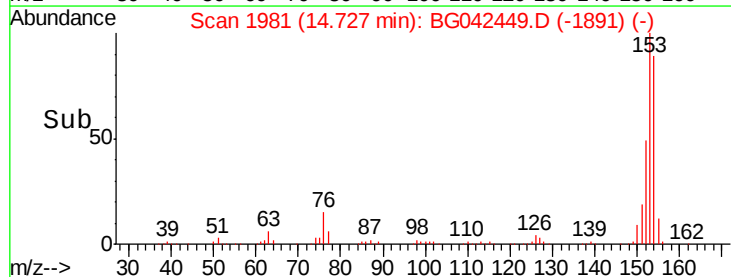
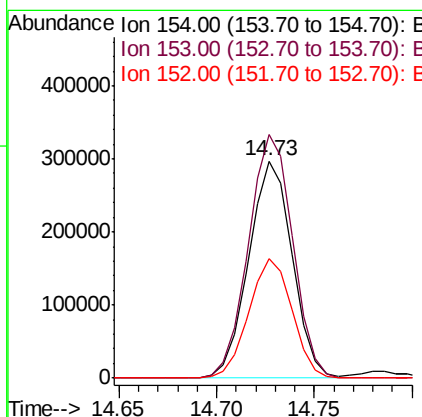
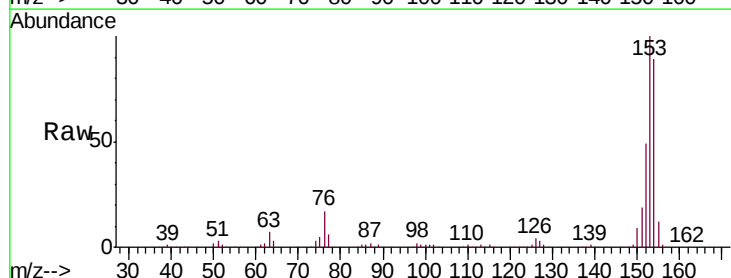
Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#52
Acenaphthene
Concen: 44.795 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	459463		
153	112.2	90.2	135.4	
152	55.1	43.2	64.8	





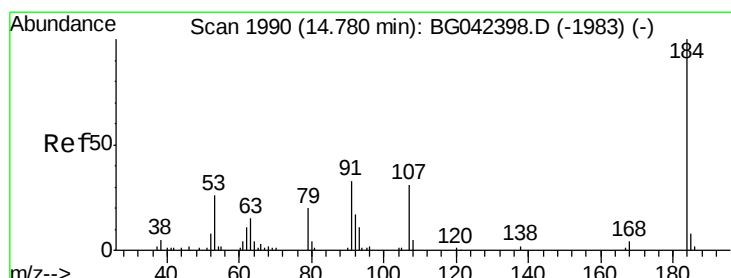
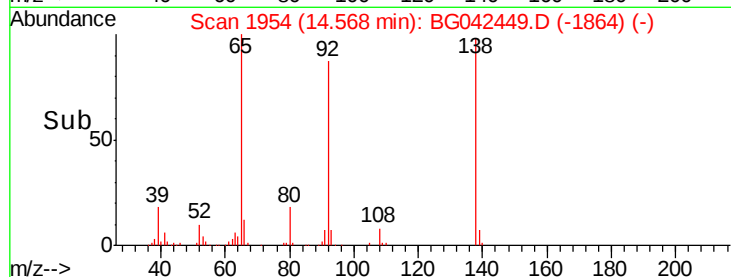
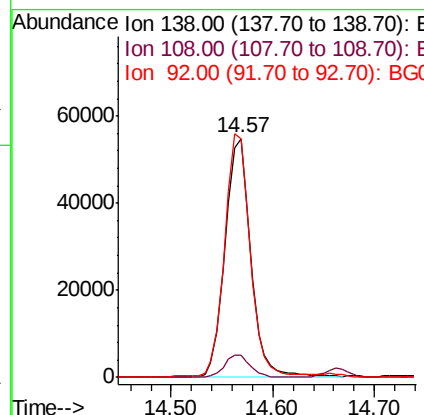
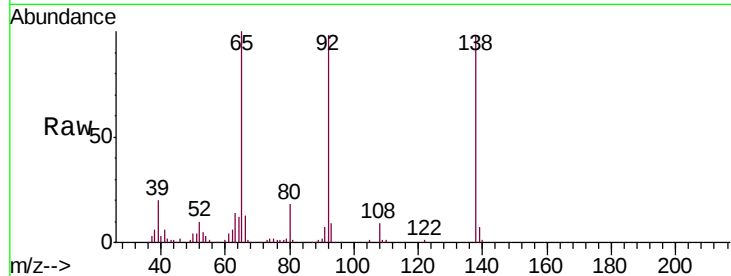
#53
3-Nitroaniline
Concen: 28.868 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	97268		
108	9.1		8.3	12.5
92	100.2		78.2	117.4

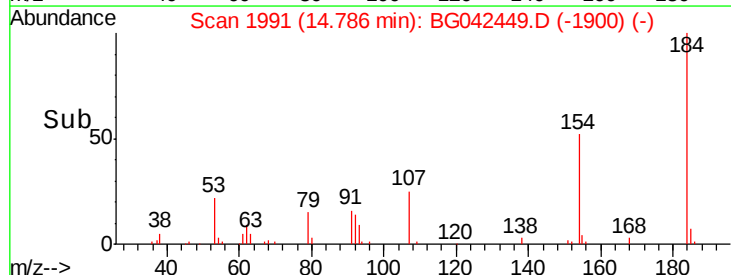
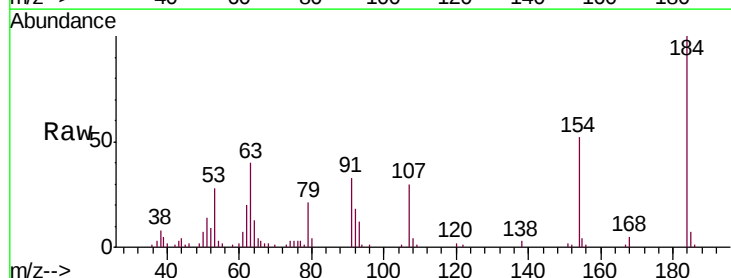
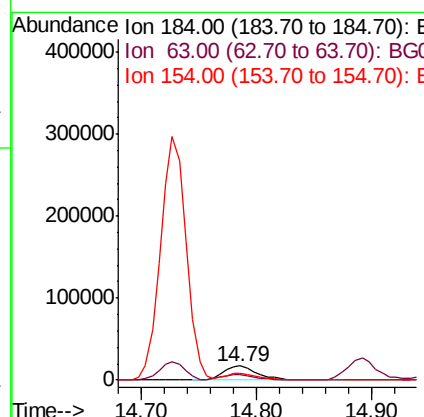
Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#54
2,4-Dinitrophenol
Concen: 20.855 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35958		
63	40.5		31.7	47.5
154	52.5		42.0	63.0





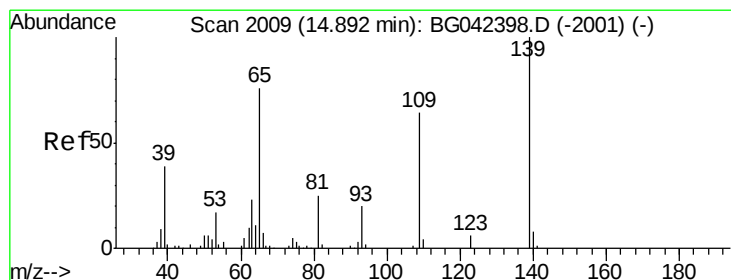
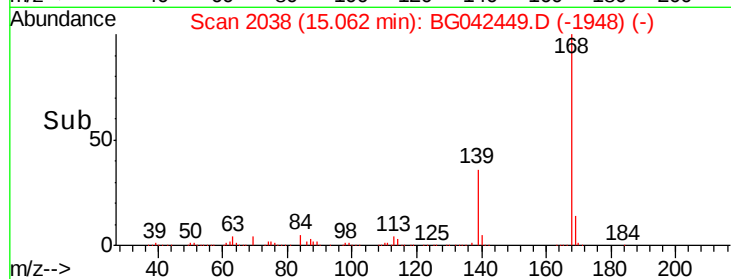
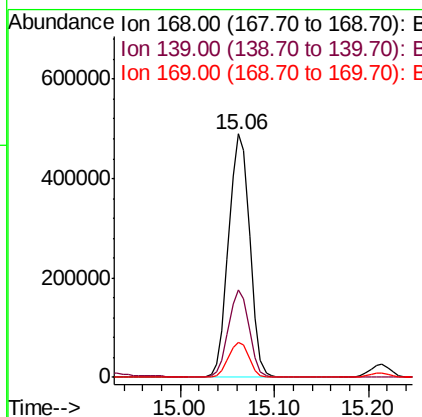
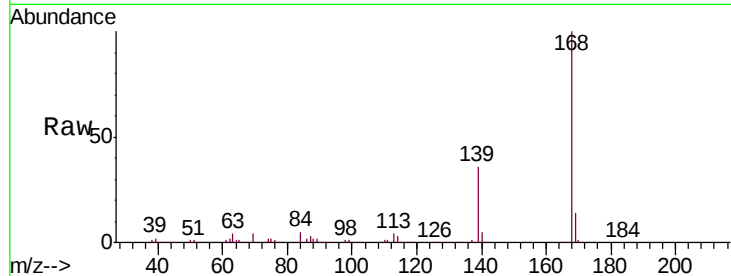
#55
Dibenzenofuran
Concen: 45.073 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.2	40.8
169	14.5	11.5	17.3

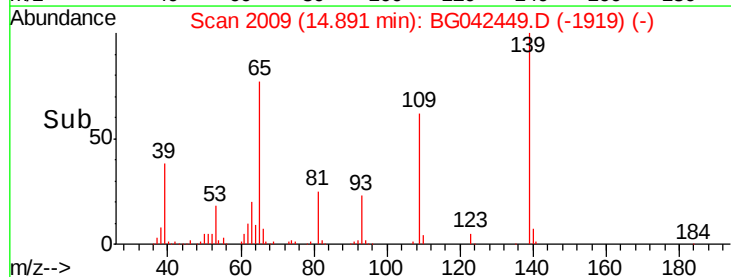
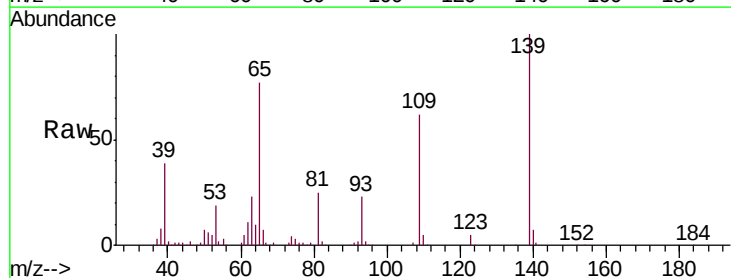
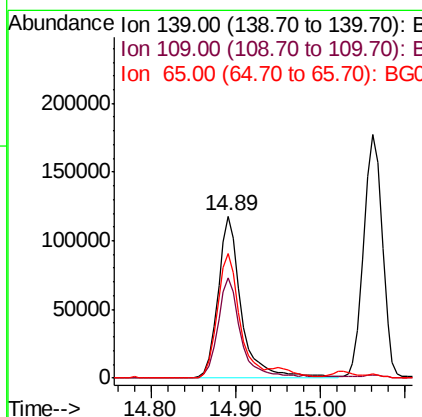
Manual Integrations
APPROVED

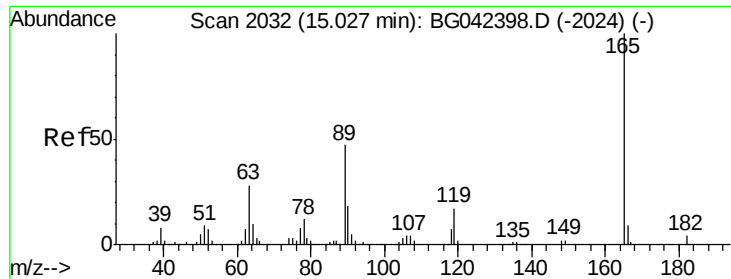
Jagrut
8/26/2019 2:02:03 PM



#56
4-Nitrophenol
Concen: 94.653 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	43.9	83.9
65	76.9	56.3	96.3





#57

2,4-Dinitrotoluene

Concen: 42.744 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

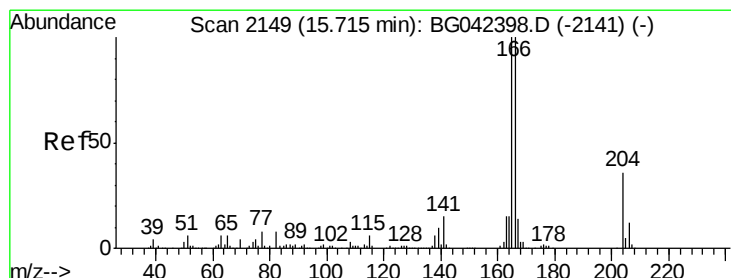
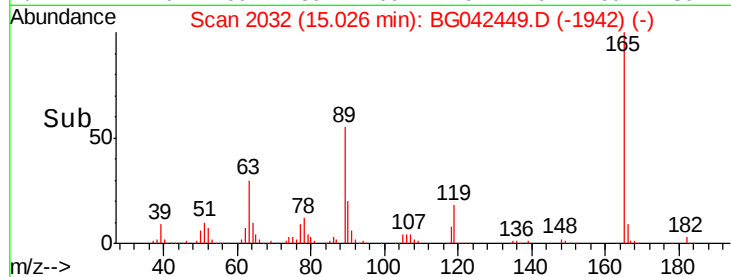
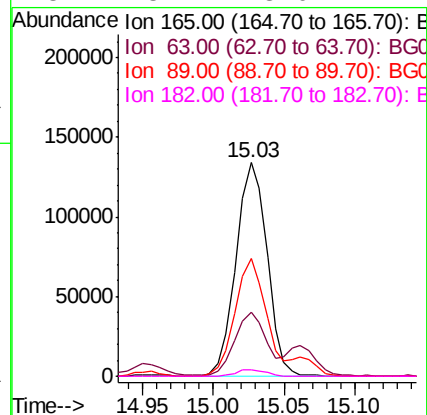
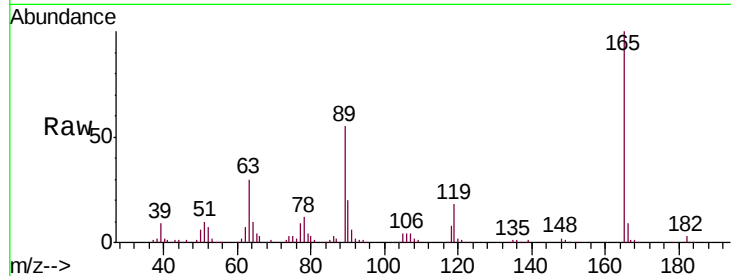
ClientSampleId :

OR-03-082219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		206214		
63	30.1	22.5	33.7		
89	55.4	37.8	56.6		
182	3.2	3.0	4.4		

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#58

Fluorene

Concen: 44.164 ng

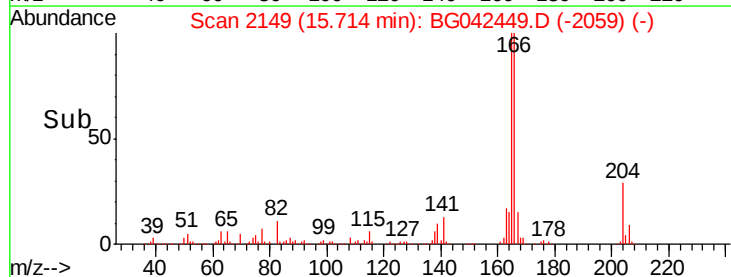
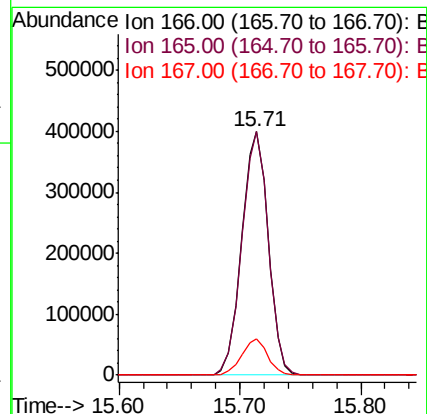
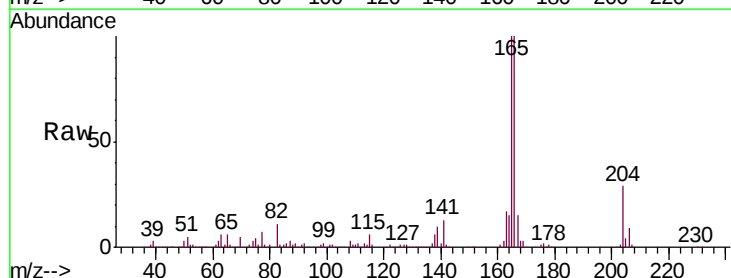
RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		612948		
165	100.1	79.7	119.5		
167	15.2	10.9	16.3		





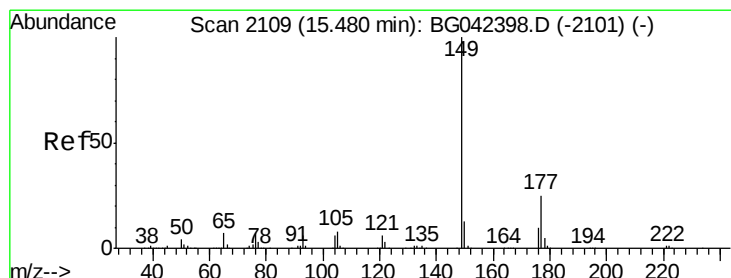
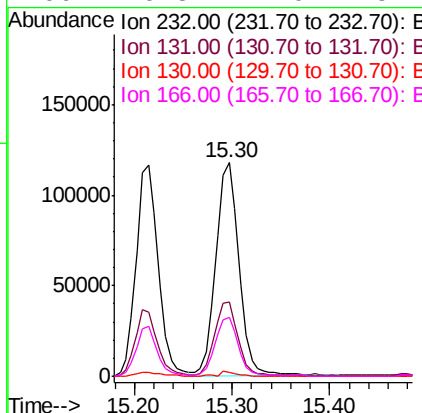
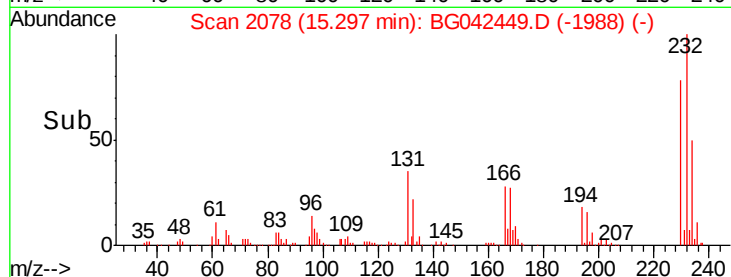
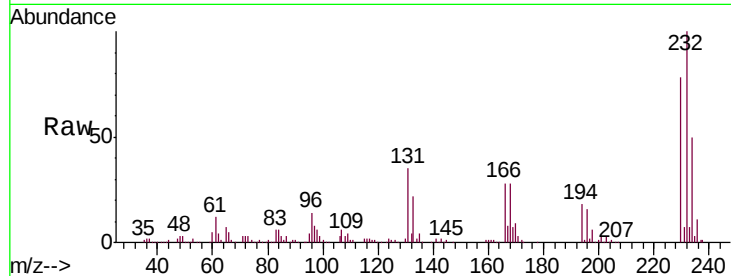
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.339 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	194205		
131	34.6	22.9	34.3#	
130	1.7	1.4	2.0	
166	26.8	17.0	25.4#	

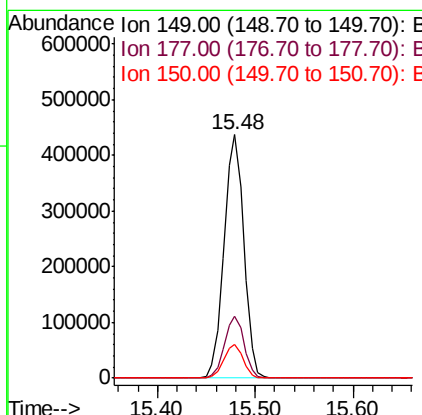
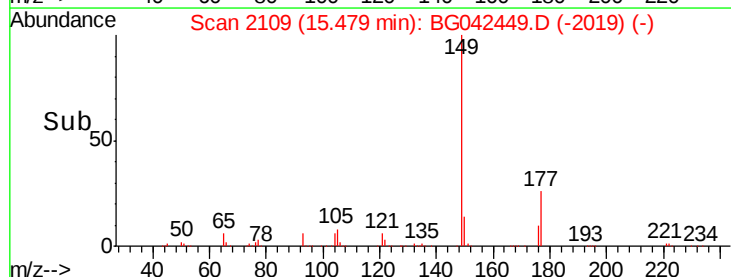
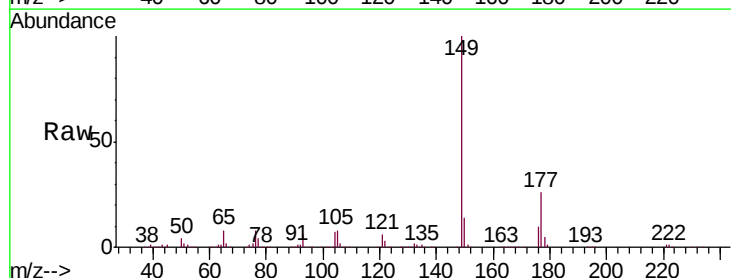
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM



#60
 Diethylphthalate
 Concen: 43.076 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	612055		
177	25.5	20.4	30.6	
150	13.7	10.3	15.5	





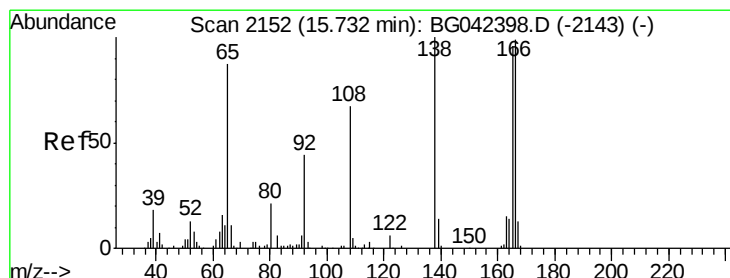
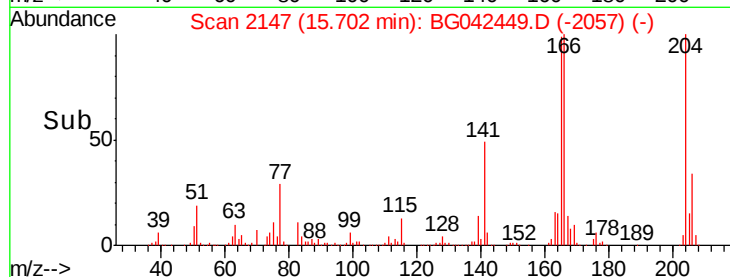
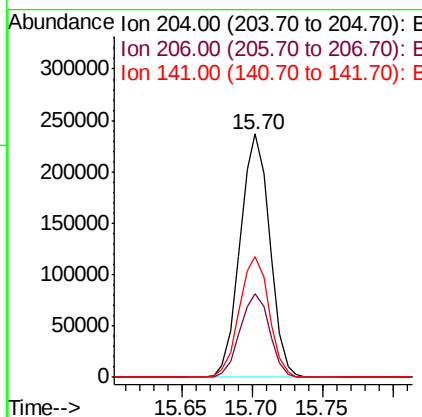
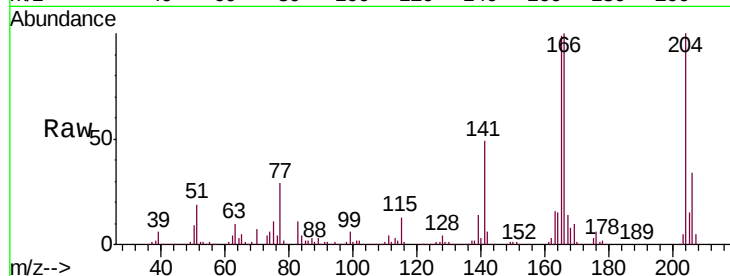
#61
4-Chlorophenyl-phenylether
Concen: 41.589 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.2	40.8
141	49.5	38.7	58.1

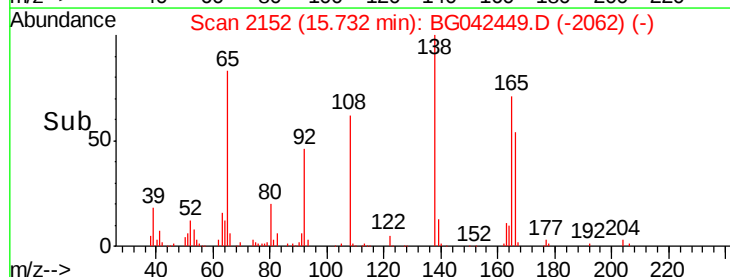
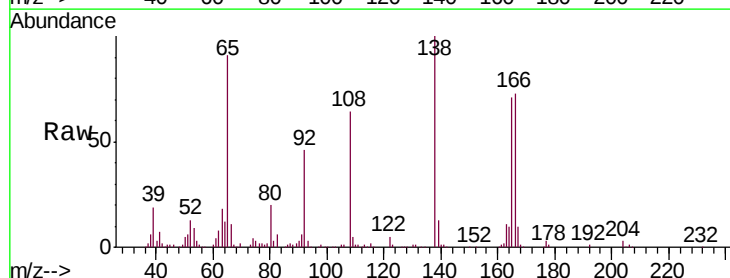
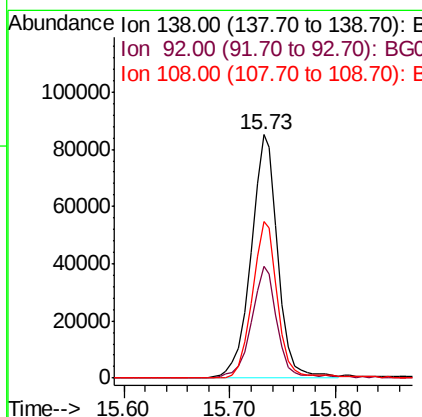
Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#62
4-Nitroaniline
Concen: 41.681 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	24.2	64.2
108	64.4	46.8	86.8





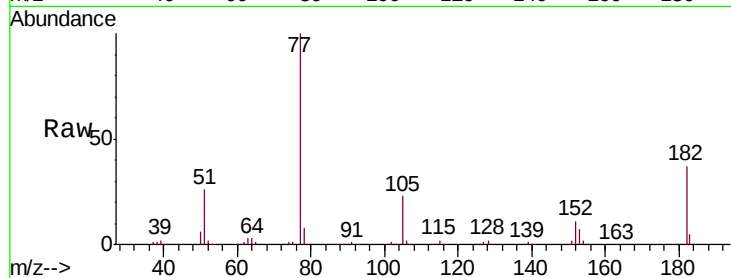
#63
Azobenzene
Concen: 49.560 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

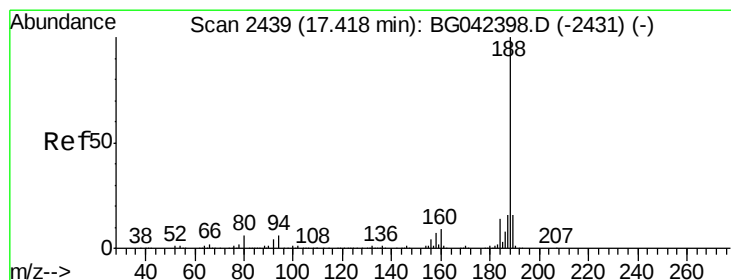
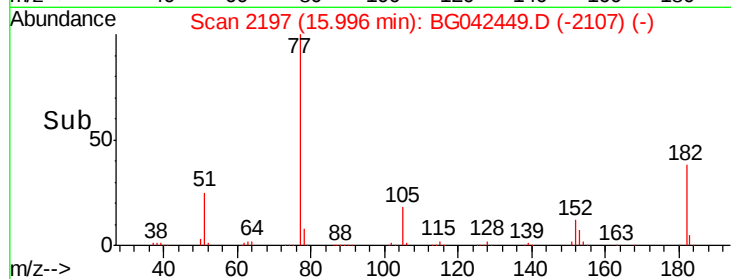
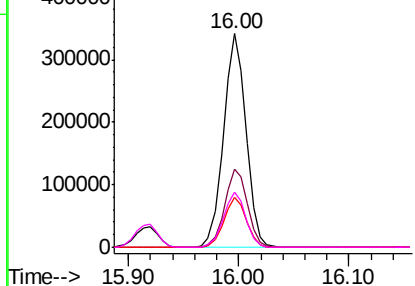
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		482517		
182	36.7	19.9	59.9		
105	23.3	2.9	42.9		
51	25.6	7.6	47.6		

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM

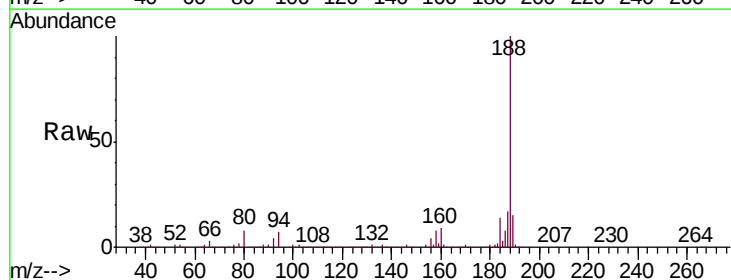


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

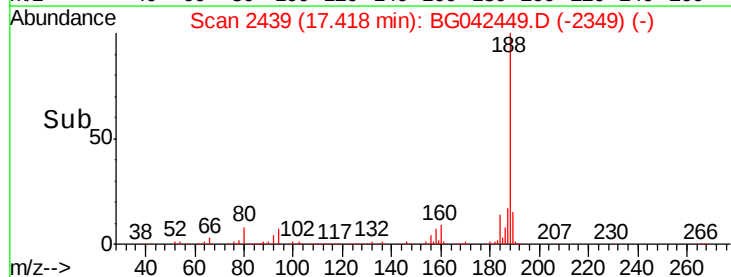
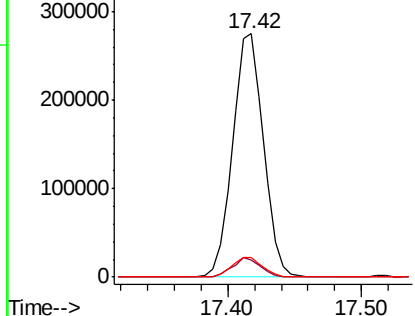


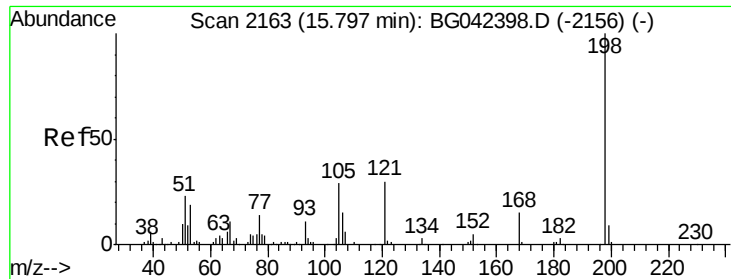
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		438960		
94	7.1	4.5	6.7#		
80	8.1	4.9	7.3#		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 14.819 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

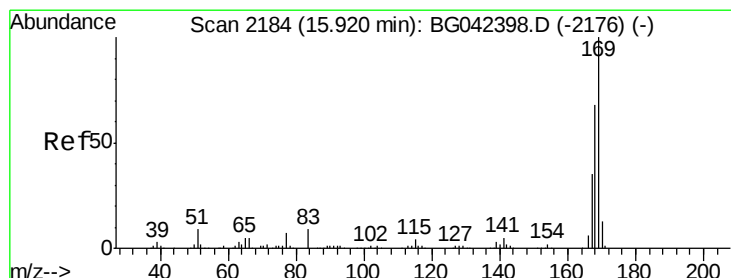
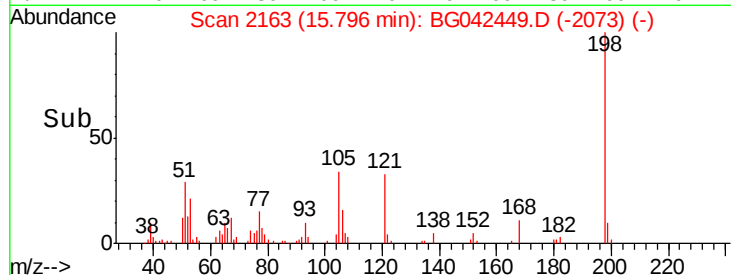
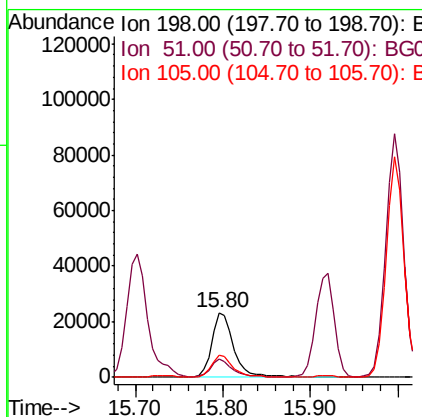
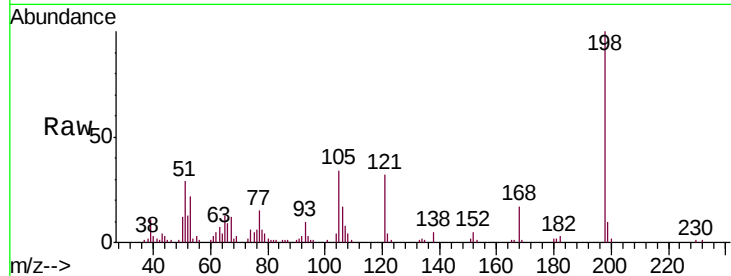
ClientSampleId :

OR-03-082219MSD

Tot Ion:	198	Resp:	40784
Ion Ratio	Lower	Upper	
198	100		
51	29.0	4.2	44.2
105	33.9	8.8	48.8

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#66

n-Nitrosodiphenylamine

Concen: 46.885 ng

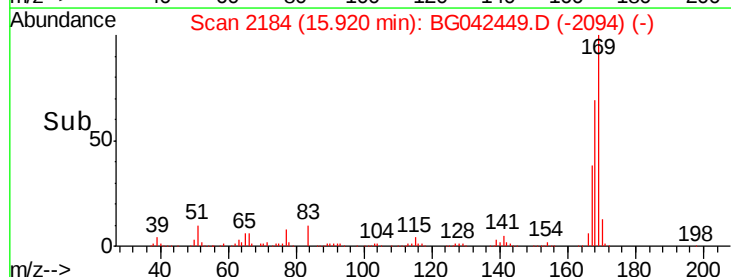
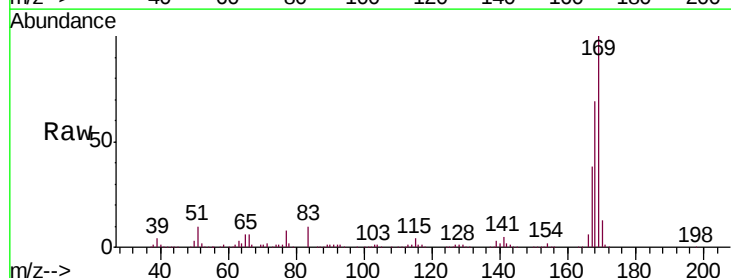
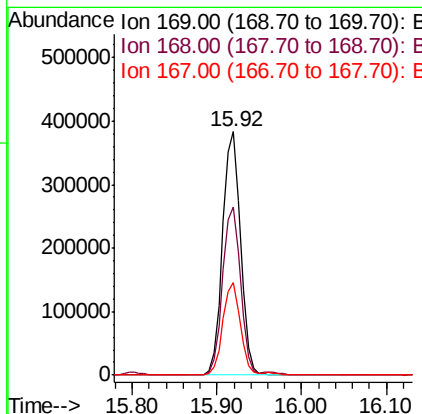
RT: 15.92 min Scan# 2184

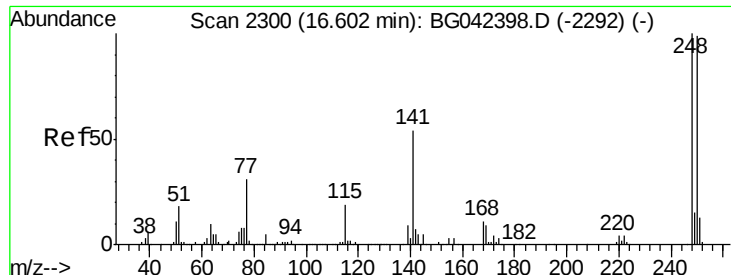
Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	169	Resp:	565987
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.3	81.5
167	37.9	28.2	42.2





#67

4-Bromophenyl-phenylether

Concen: 42.609 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

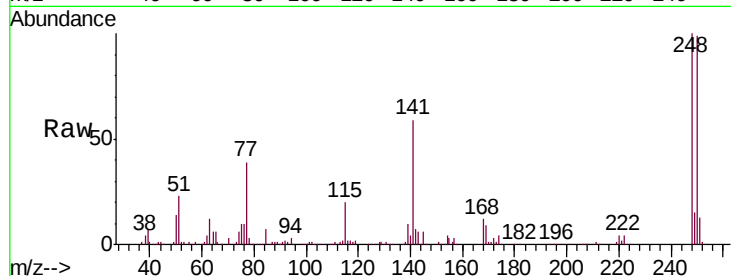
ClientSampleId :

OR-03-082219MSD

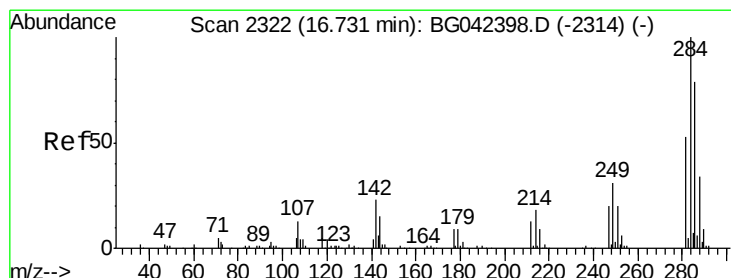
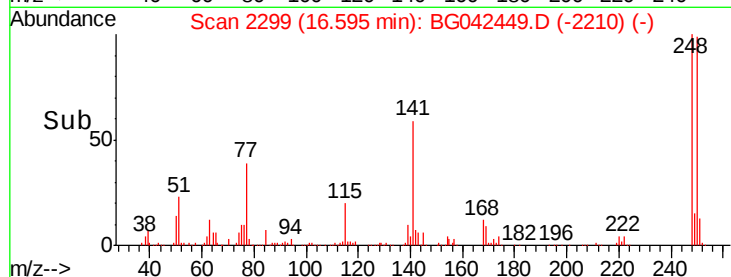
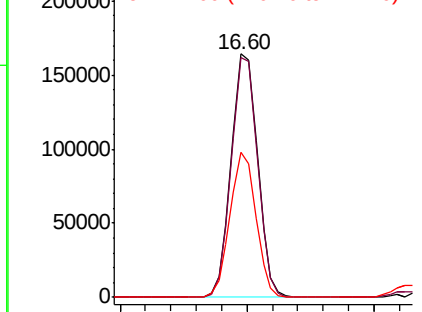
Tot Ion:	248	Resp:	237242
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.9	118.3
141	59.3	43.3	64.9

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 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: 40.725 ng

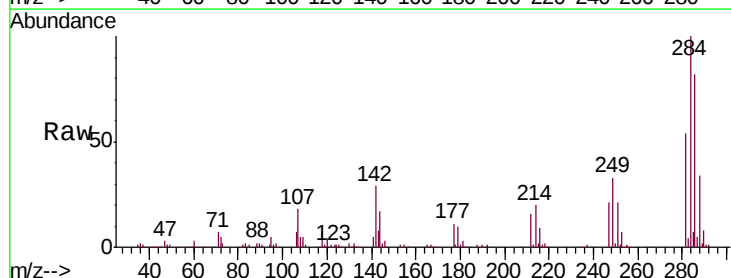
RT: 16.72 min Scan# 2321

Delta R.T. -0.01 min

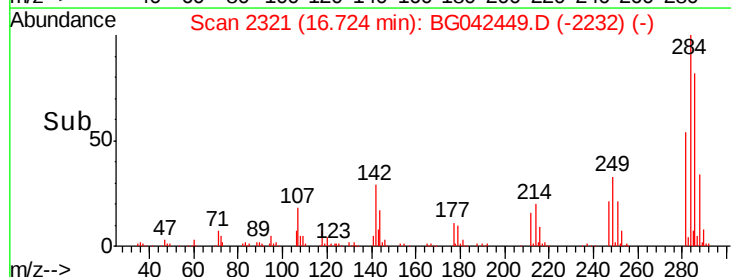
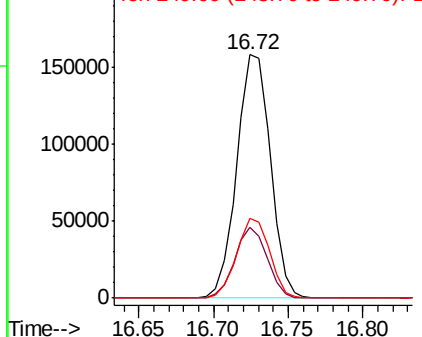
Lab File: BG042449.D

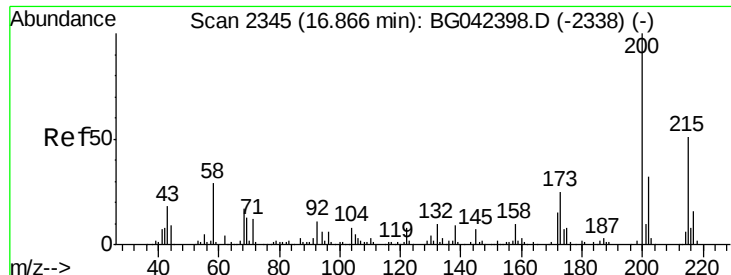
Acq: 24 Aug 2019 1:14

Tgt Ion:	284	Resp:	246498
Ion Ratio	Lower	Upper	
284	100		
142	29.2	18.2	27.4#
249	32.6	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





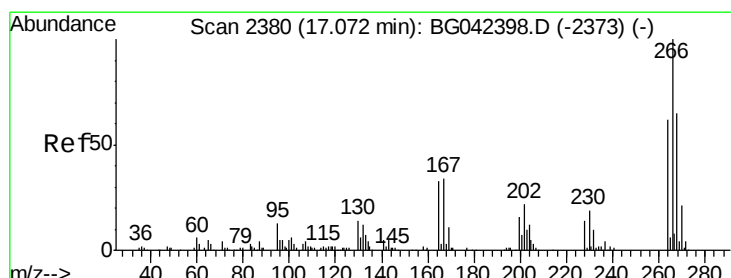
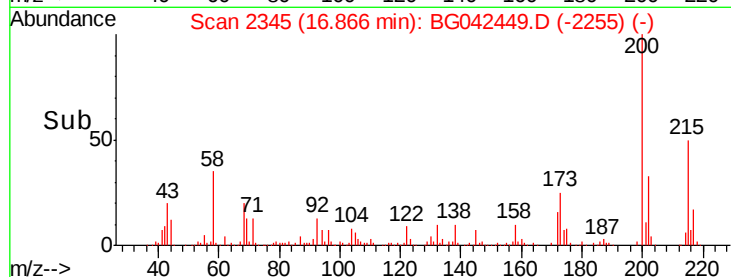
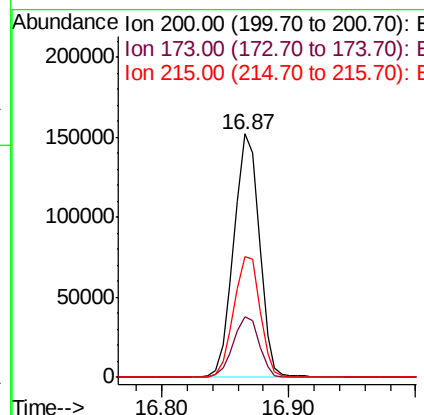
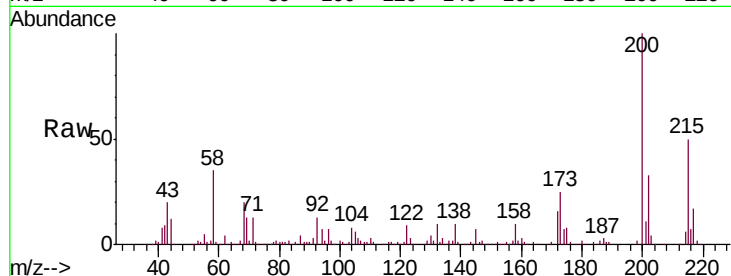
#69
 Atrazine
 Concen: 49.642 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	4.9	44.9
215	49.7	30.7	70.7

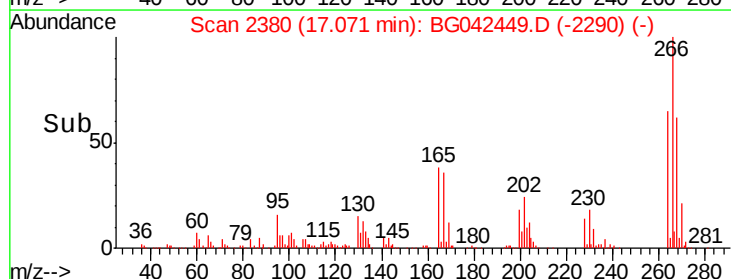
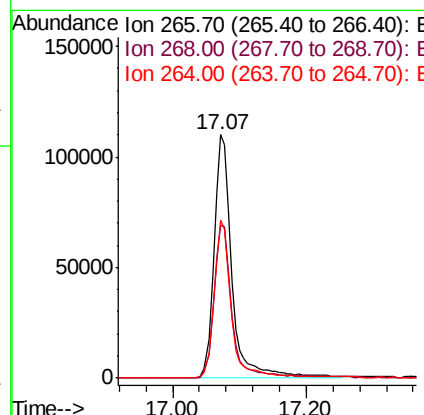
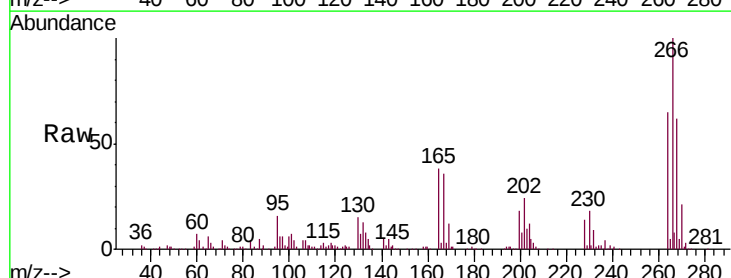
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM



#70
 Pentachlorophenol
 Concen: 66.169 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	52.1	78.1
264	64.6	49.4	74.2





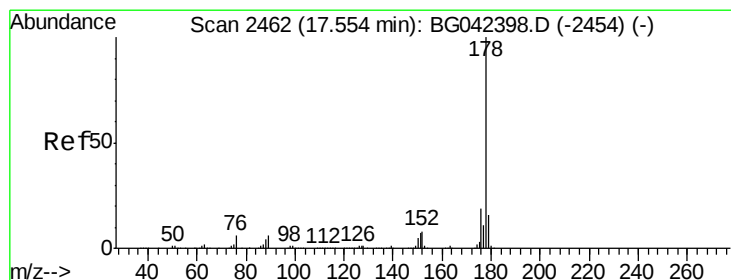
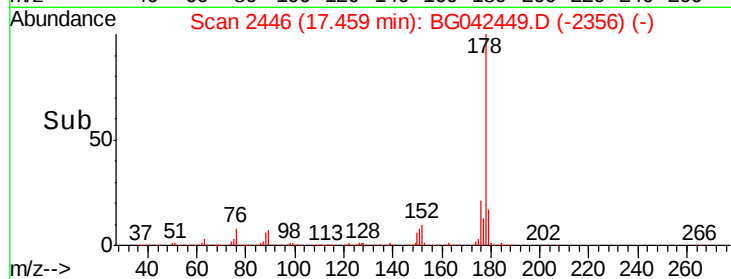
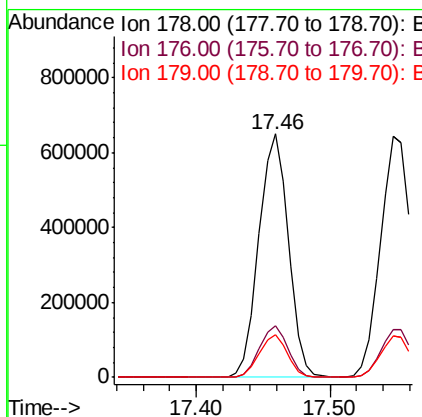
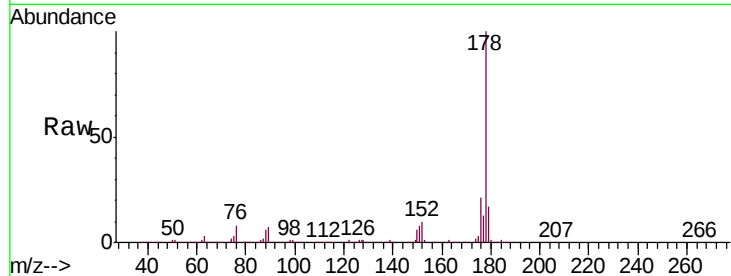
#71
Phenanthrene
Concen: 45.586 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.9	23.9
179	17.4	12.7	19.1

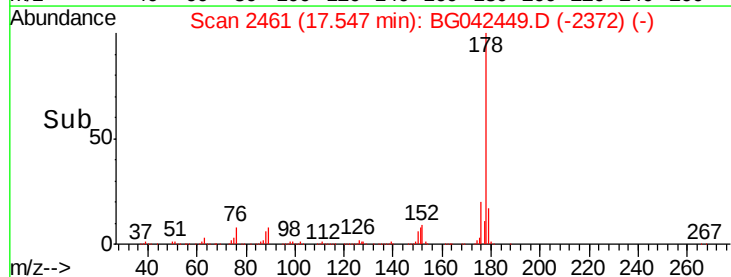
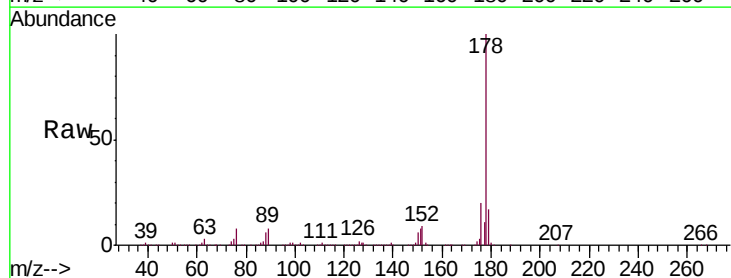
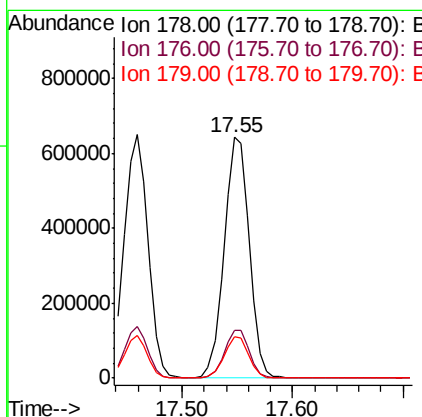
Manual Integrations
APPROVED

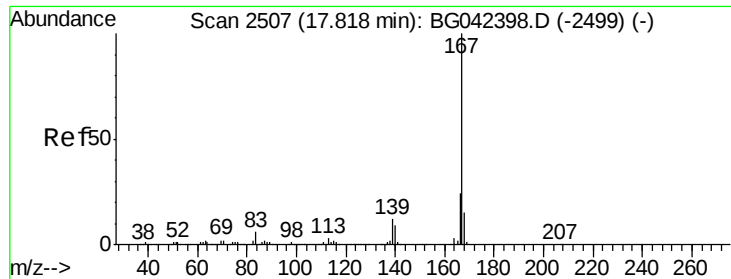
Jagrut
8/26/2019 2:02:03 PM



#72
Anthracene
Concen: 46.938 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.2	12.9	19.3





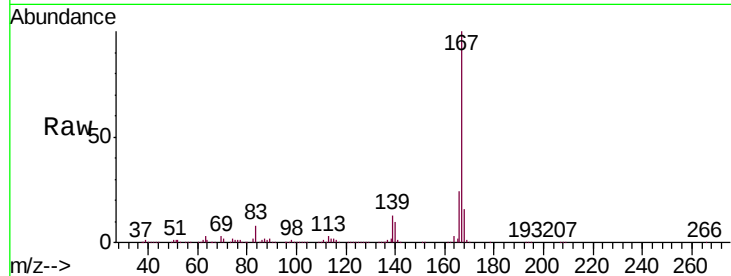
#73
 Carbazole
 Concen: 47.763 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

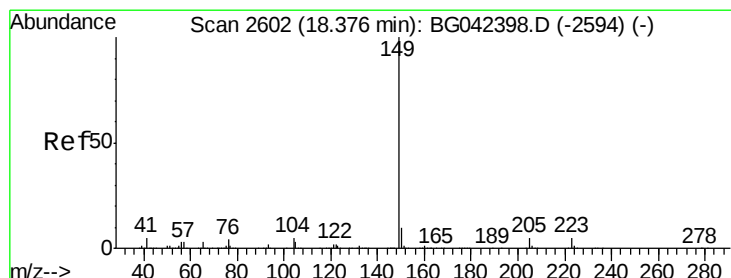
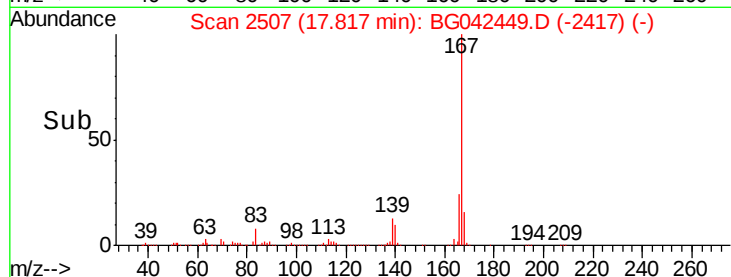
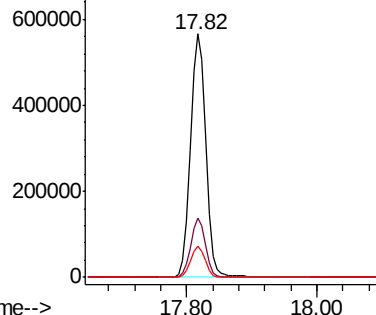
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.9	28.3
139	12.7	9.8	14.6

Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM

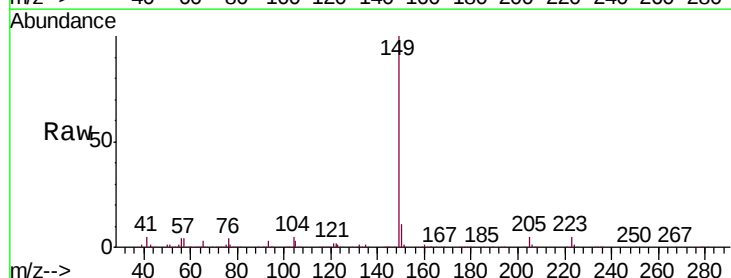


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

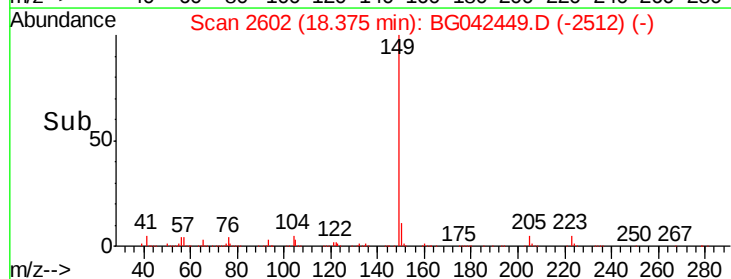
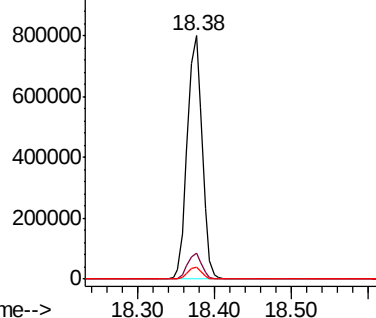


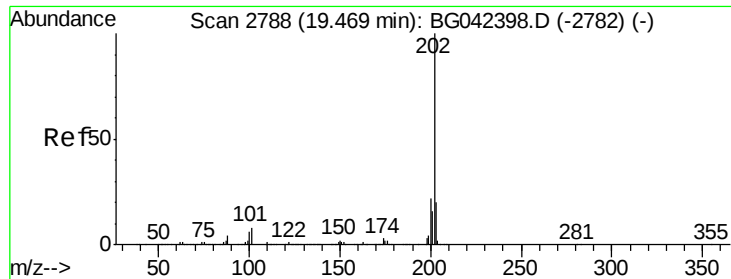
#74
 Di-n-butylphthalate
 Concen: 46.106 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.1	12.1
104	4.8	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.347 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

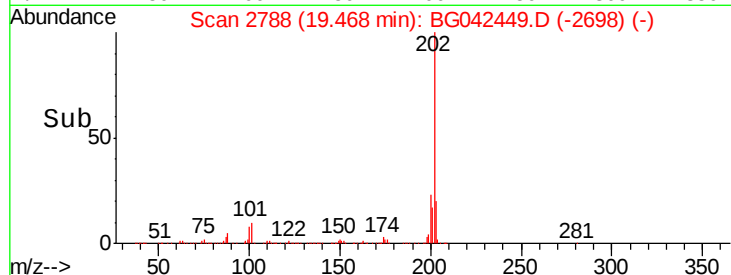
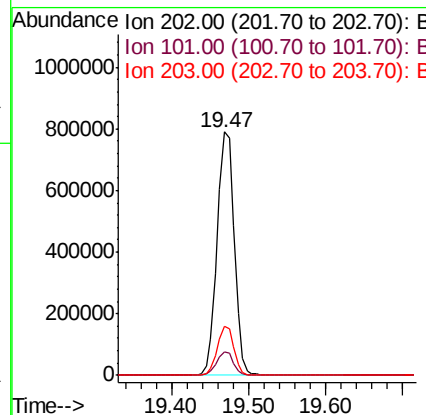
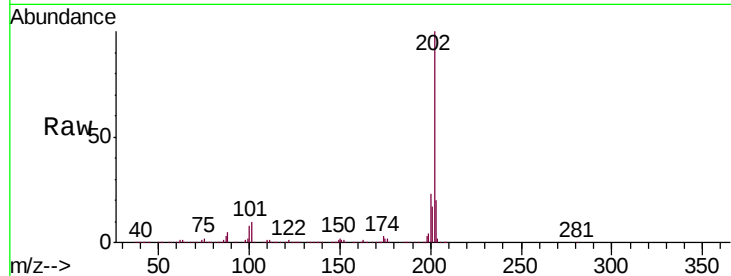
ClientSampleId :

OR-03-082219MSD

Tot Ion:	202	Resp:	1206675
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	28.3
203	20.2	0.0	39.6

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM



#76

Chrysene-d12

Concen: 20.000 ng

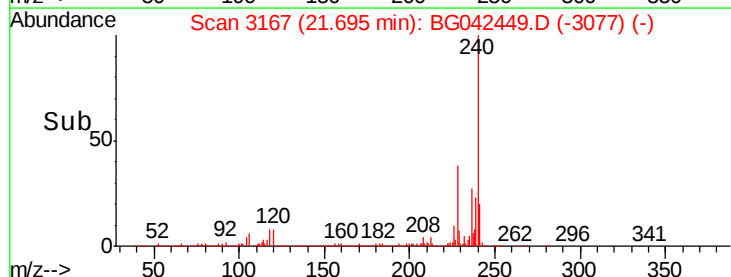
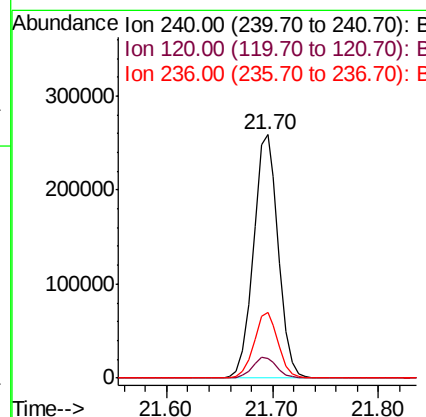
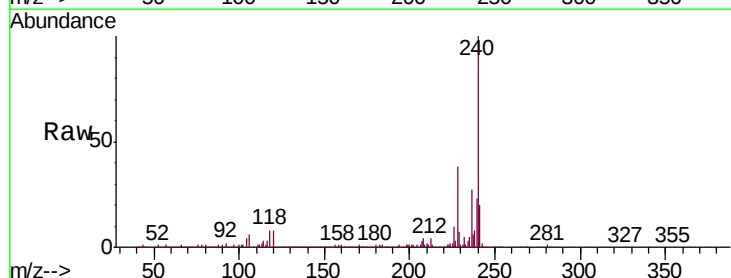
RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	240	Resp:	422253
Ion Ratio	Lower	Upper	
240	100		
120	8.3	5.7	8.5
236	27.0	21.0	31.4





#77

Benzidine

Concen: 32.733 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

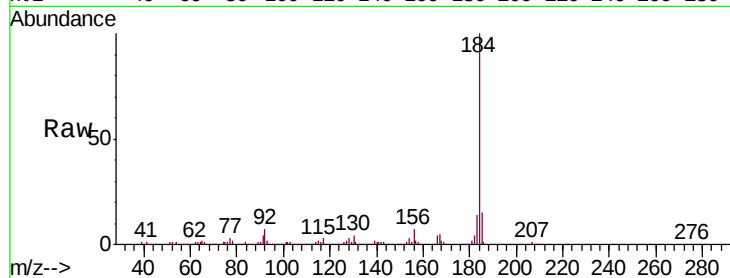
ClientSampleId :

OR-03-082219MSD

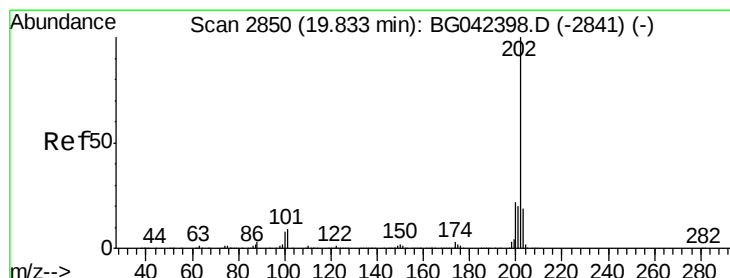
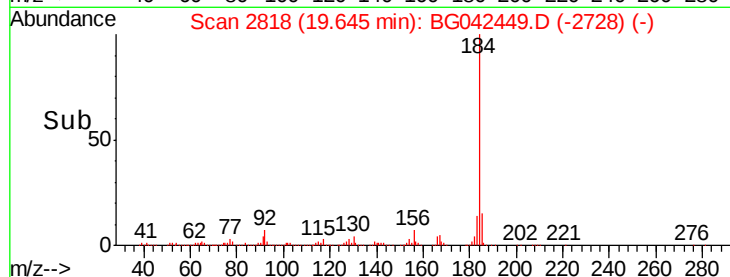
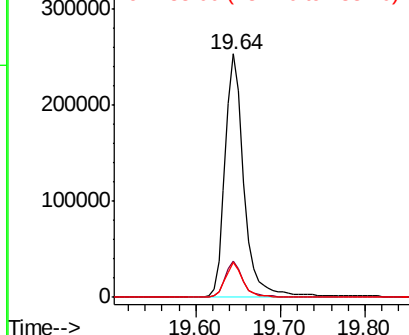
Tot Ion:	184	Resp:	396267
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.4
183	14.2	10.8	16.2

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 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: 46.921 ng

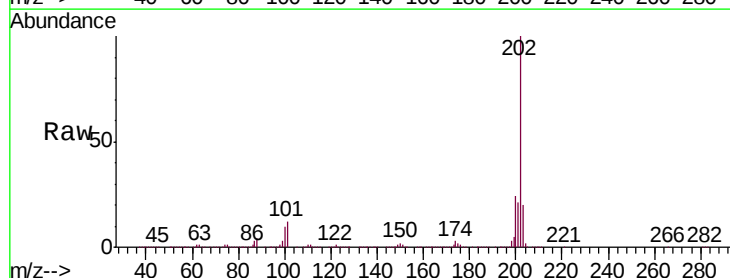
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

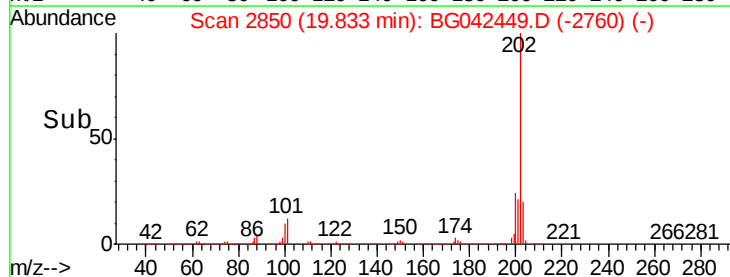
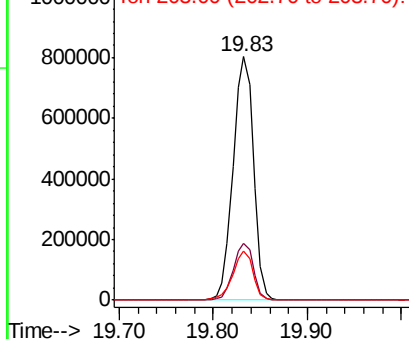
Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Tgt Ion:	202	Resp:	1214709
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.8	26.6
203	20.2	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: 89.547 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

Instrument :

BNA_G

ClientSampleId :

OR-03-082219MSD

Tot Ion:244 Resp: 1748978

Ion Ratio Lower Upper

244 100

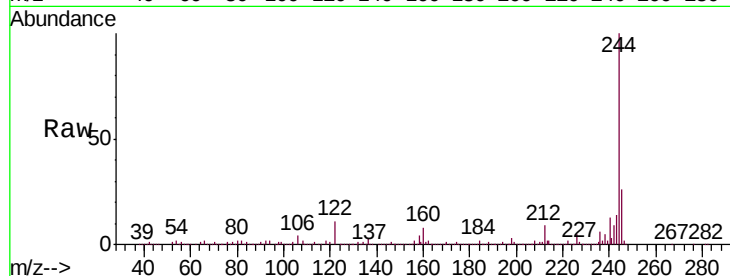
212 8.9 6.0 9.0

122 11.0 6.7 10.1#

Manual Integrations
APPROVED

Jagrut

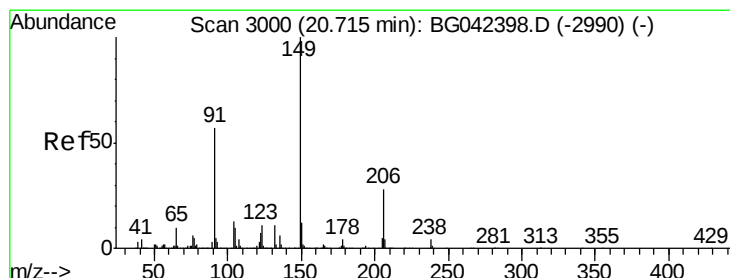
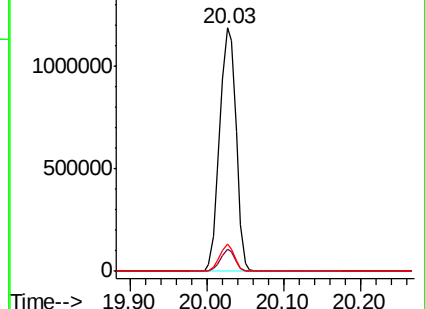
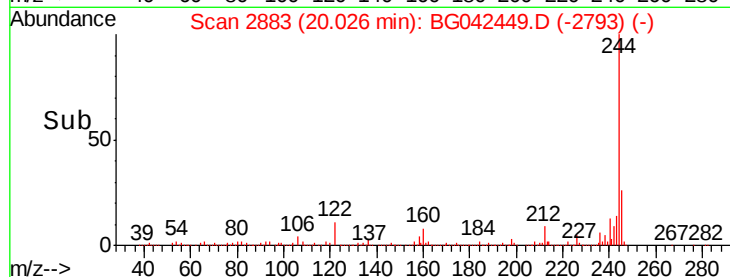
8/26/2019 2:02:03 PM



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: 47.968 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042449.D

Acq: 24 Aug 2019 1:14

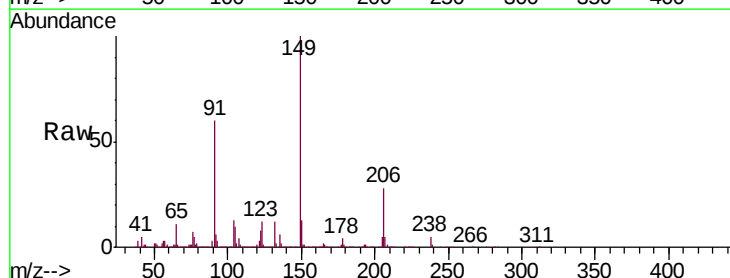
Tgt Ion:149 Resp: 488431

Ion Ratio Lower Upper

149 100

91 59.8 45.9 68.9

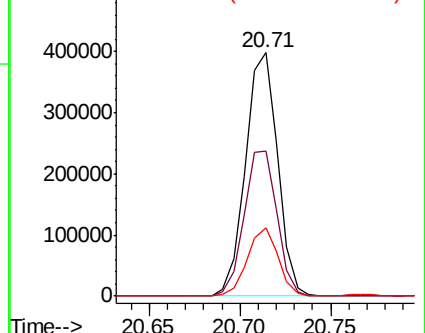
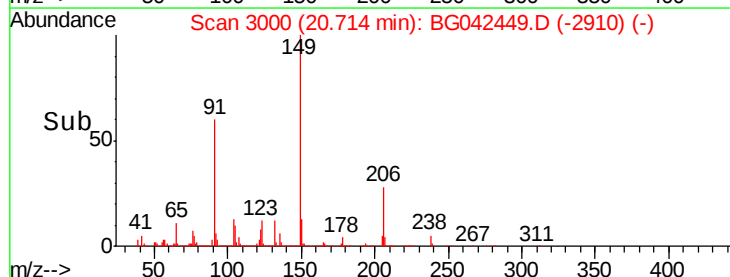
206 27.8 22.5 33.7

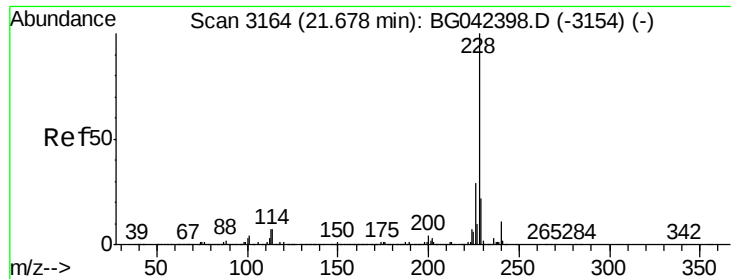


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





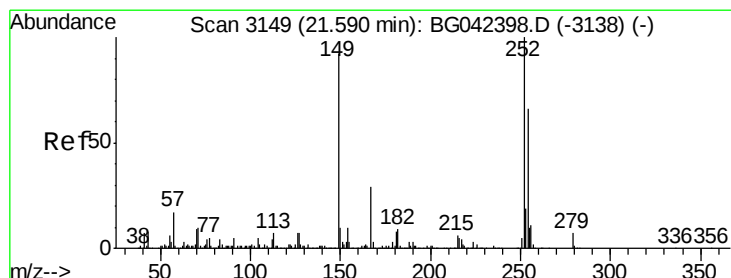
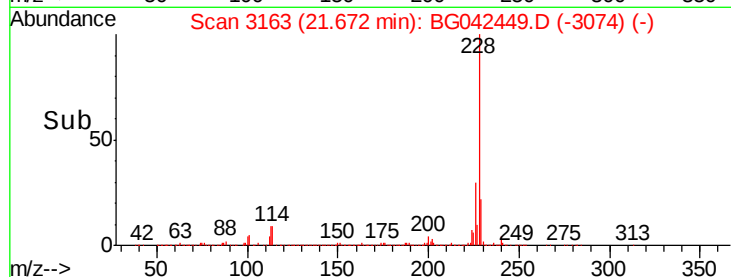
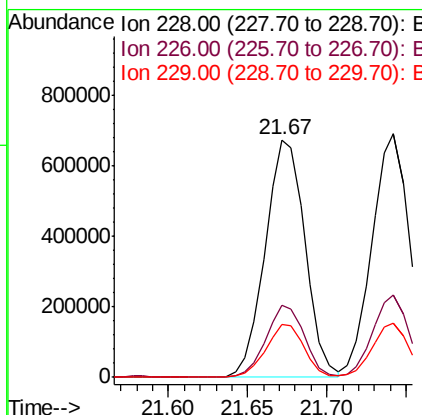
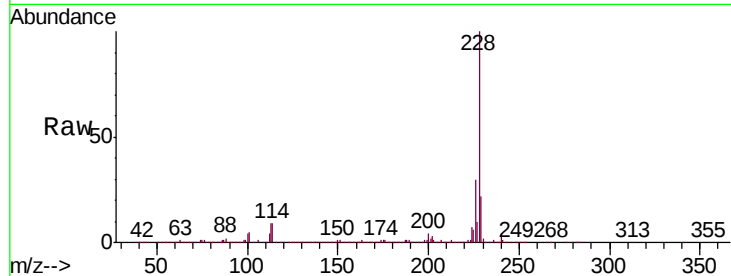
#81
Benzo(a)anthracene
Concen: 45.697 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.4	17.4	26.2

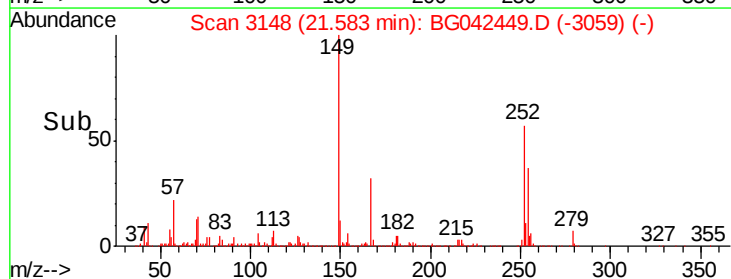
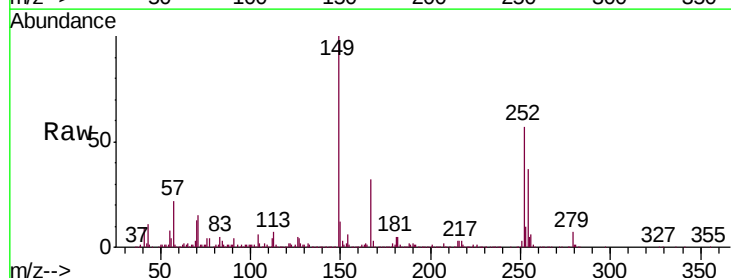
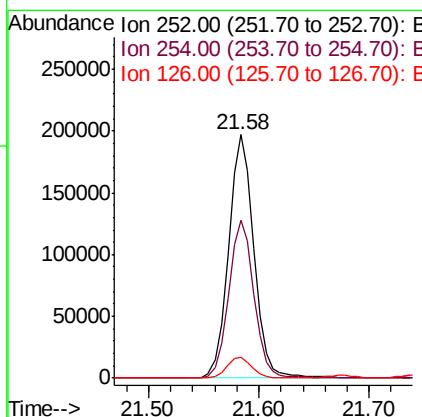
Manual Integrations
APPROVED

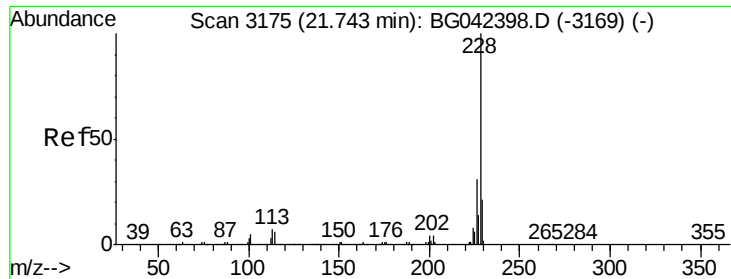
Jagrut
8/26/2019 2:02:03 PM



#82
3,3'-Dichlorobenzidine
Concen: 30.506 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.0	79.4
126	8.5	5.7	8.5





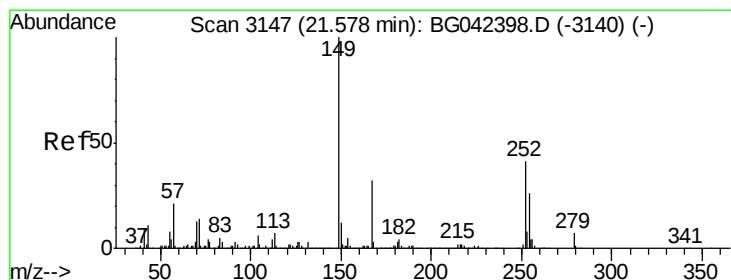
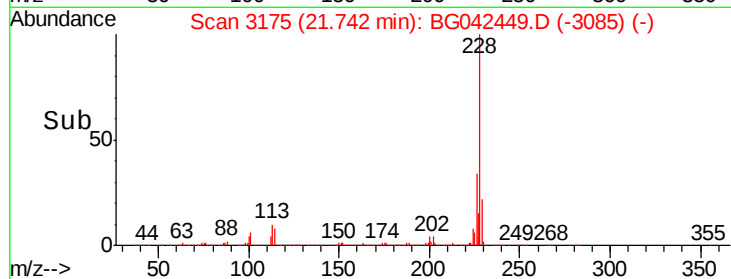
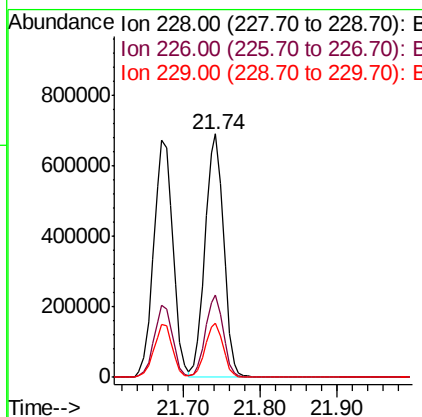
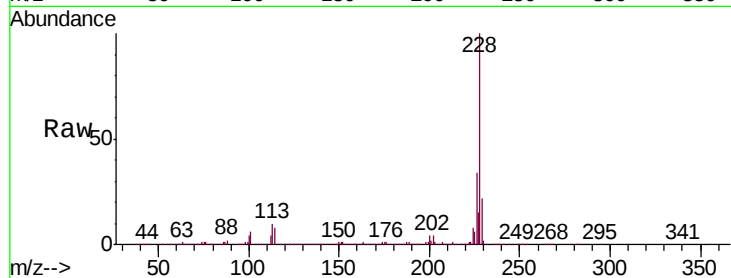
#83
 Chrysene
 Concen: 45.978 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	33.7	24.9	37.3	
229	22.3	16.9	25.3	

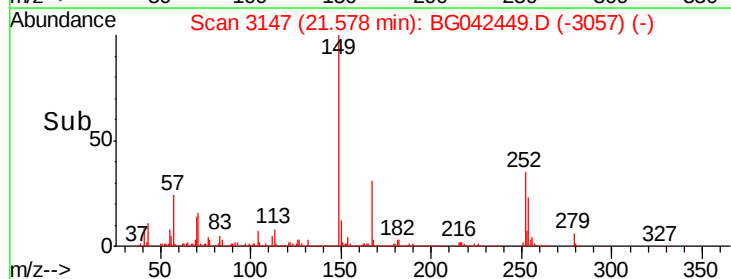
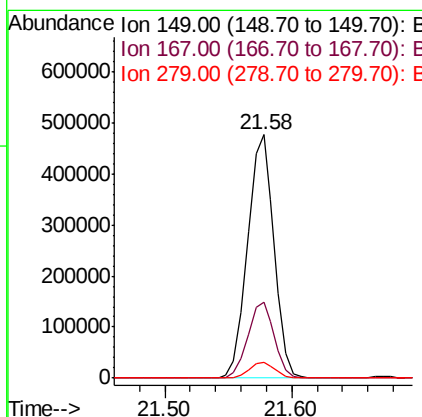
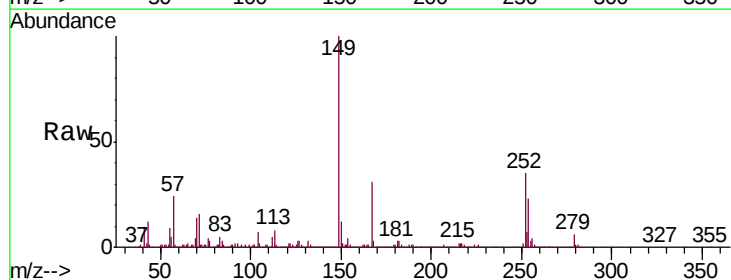
Manual Integrations
 APPROVED

Jagrut
 8/26/2019 2:02:03 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.549 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	31.4	26.0	39.0	
279	6.4	5.4	8.0	





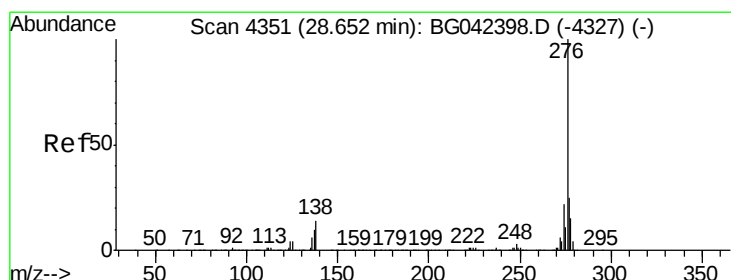
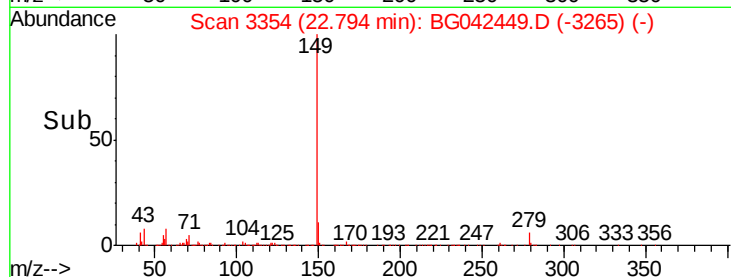
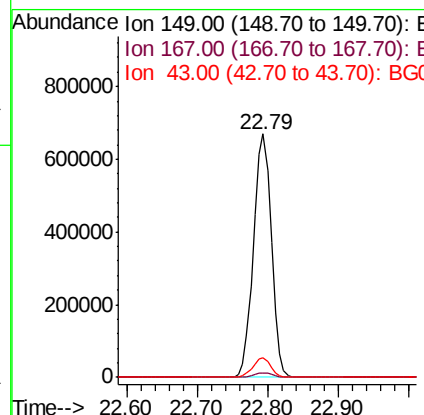
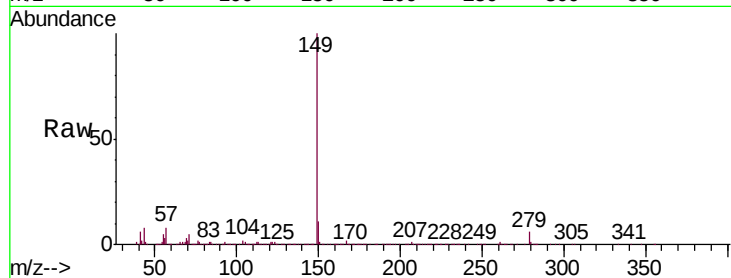
#85
Di-n-octyl phthalate
Concen: 48.686 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	7.6	5.3	7.9

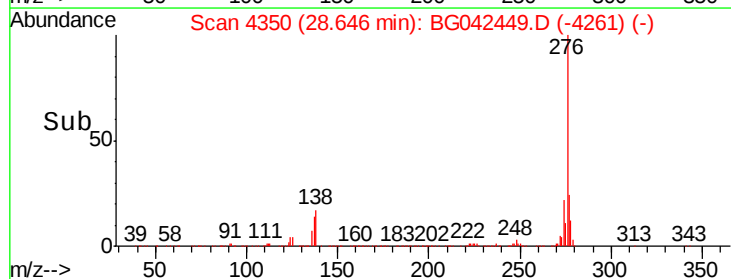
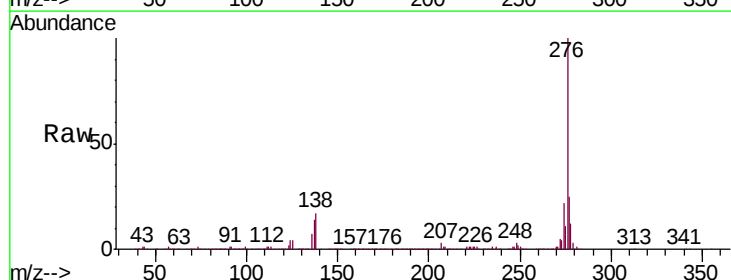
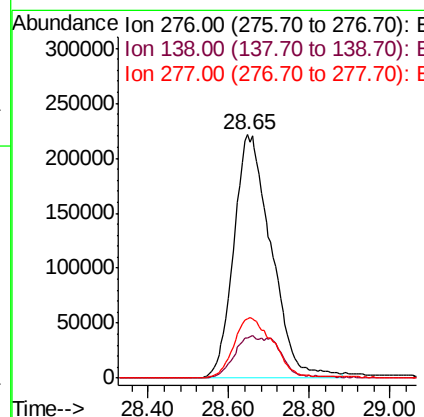
Manual Integrations
APPROVED

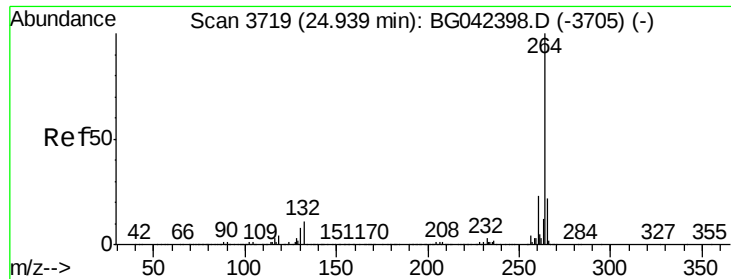
Jagrut
8/26/2019 2:02:03 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.595 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.1	9.2	13.8
277	26.3	21.0	31.6





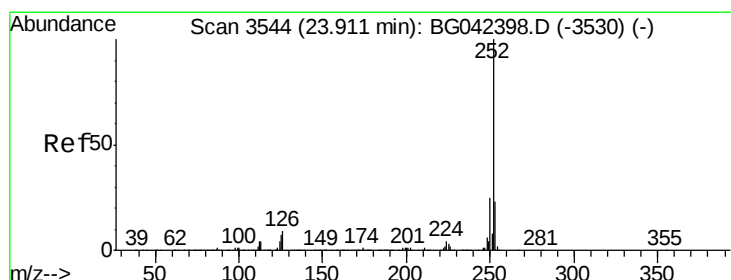
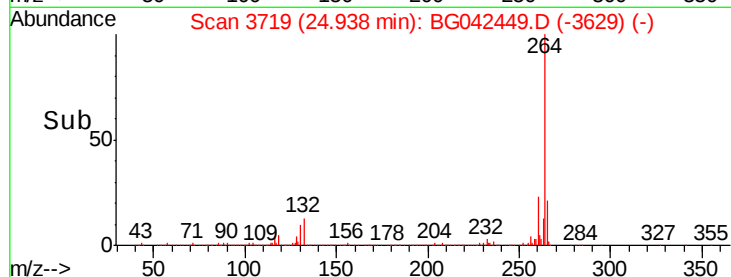
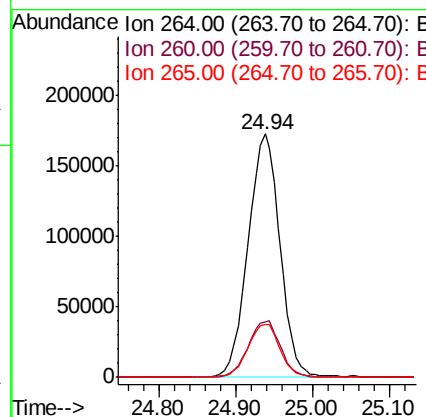
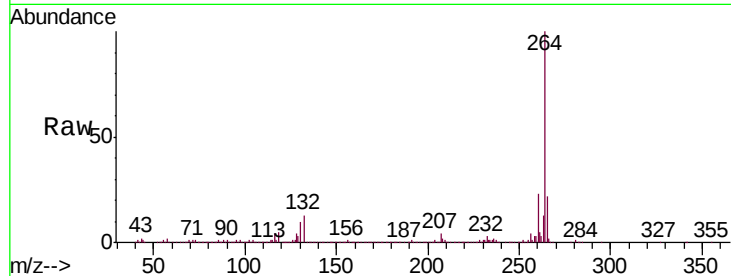
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.7	17.6	26.4

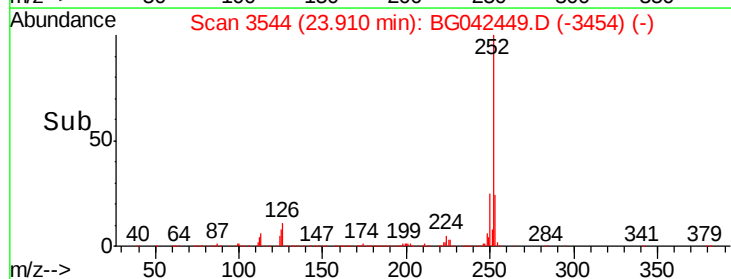
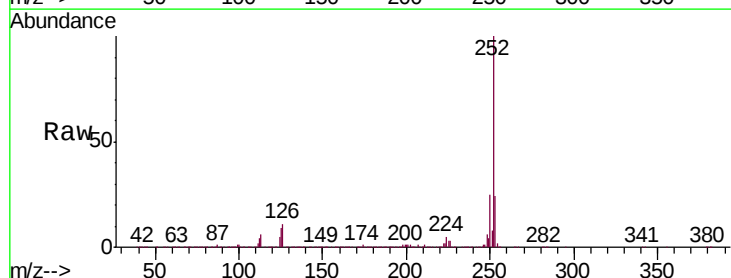
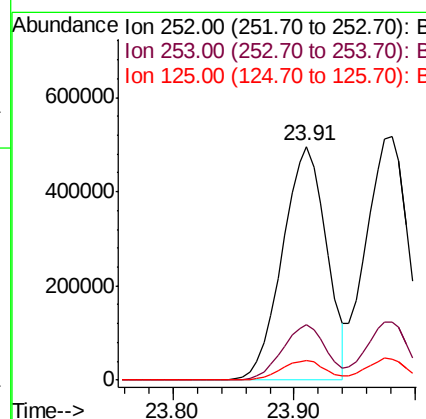
Manual Integrations
 APPROVED

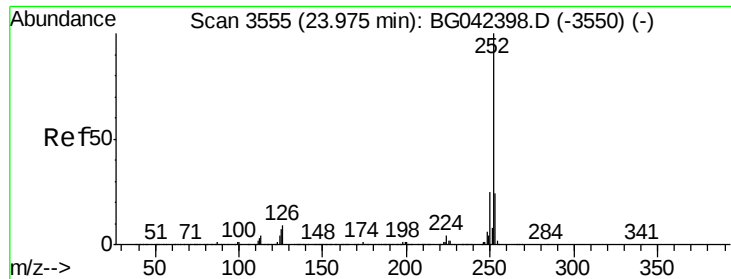
Jagrut
 8/26/2019 2:02:03 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.422 ng
 RT: 23.91 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BG042449.D
 Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	8.5	5.6	8.4#





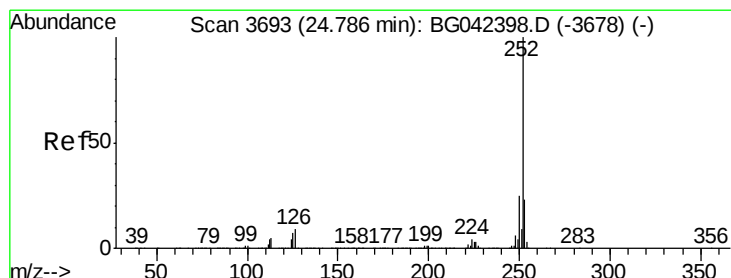
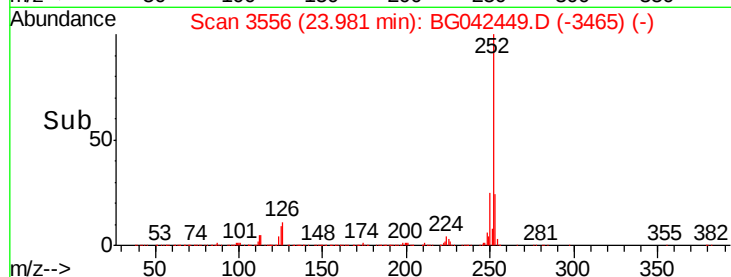
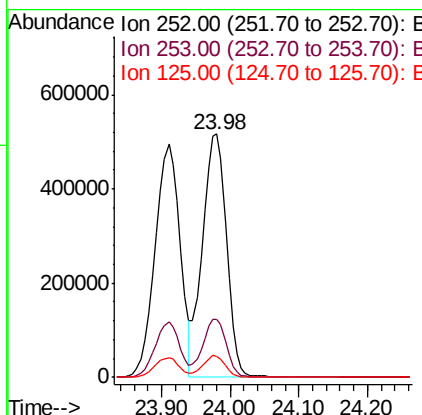
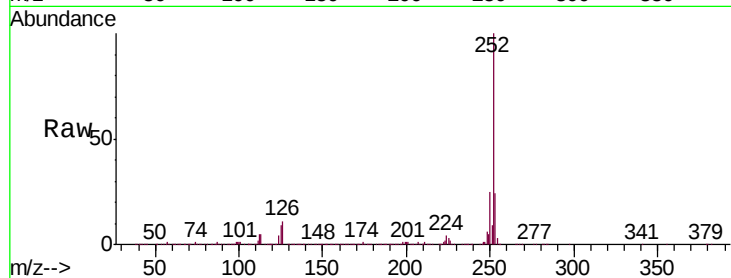
#89
Benzo(k)fluoranthene
Concen: 47.839 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	8.6	5.8	8.6

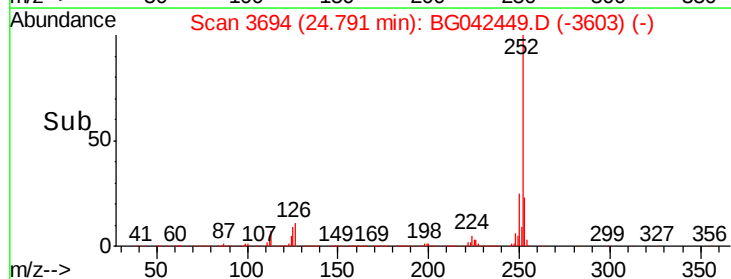
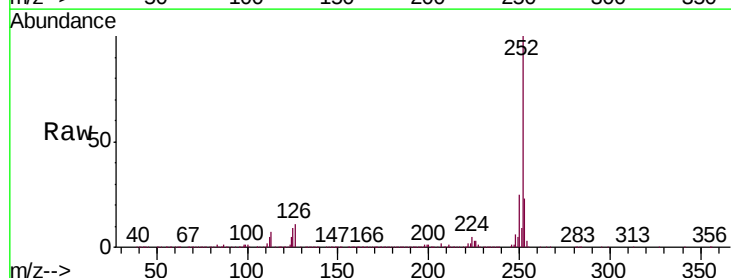
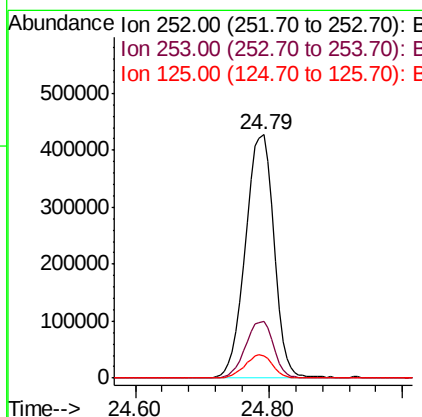
Manual Integrations
APPROVED

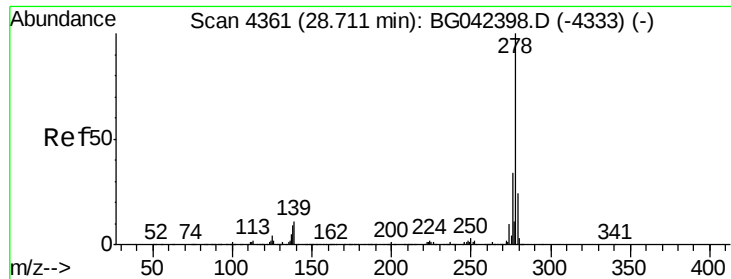
Jagrut
8/26/2019 2:02:03 PM



#90
Benzo(a)pyrene
Concen: 47.952 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.3	6.0	9.0#





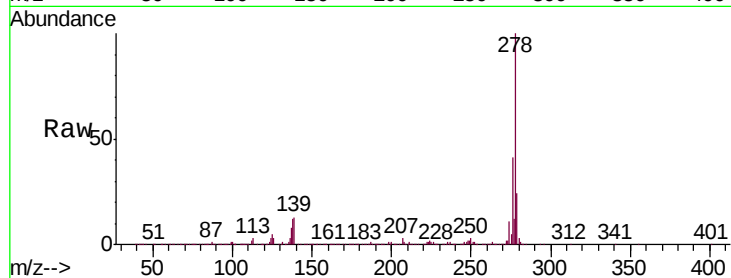
#91
Dibenzo(a,h)anthracene
Concen: 45.441 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.8	13.2
279	24.4	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:03 PM

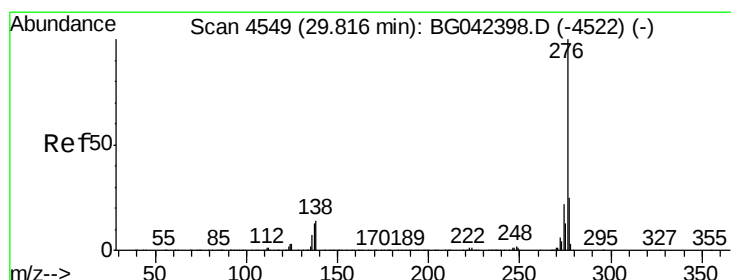
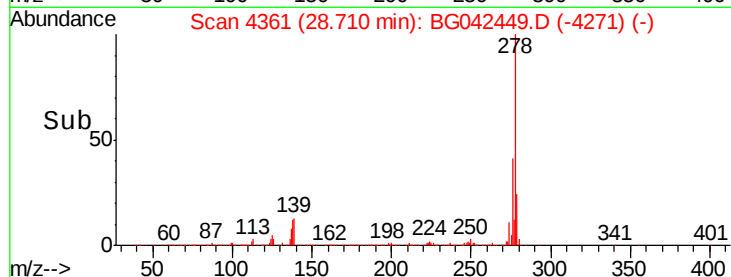
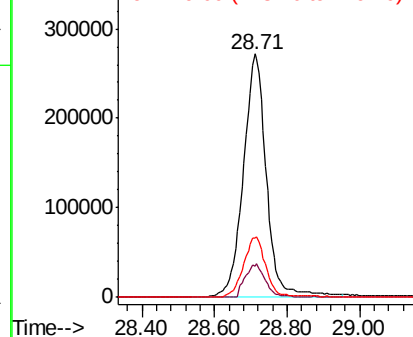


Abundance

Ion 278.00 (277.70 to 278.70): E

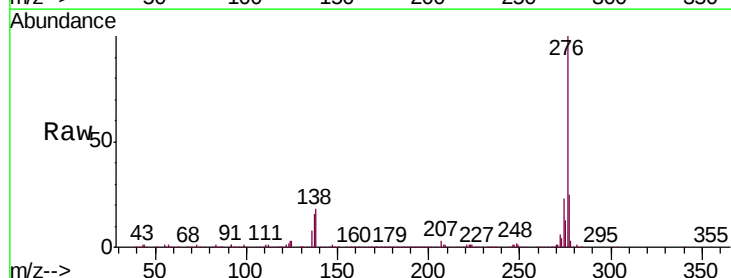
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.065 ng
RT: 29.82 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042449.D
Acq: 24 Aug 2019 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	17.6	11.4	17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

