

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043615.D
 Acq On : 13 Nov 2019 16:44
 Operator : JU
 Sample : PB124718BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Manual Integrations
 APPROVED

mohammad
 11/14/2019 2:07:52 PM

Quant Time: Nov 14 03:03:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25976	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	101766	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	73231	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	169916	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	190161	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215812	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169702	119.71	ng	0.00
7) Phenol-d6	7.20	99	224996	110.32	ng	0.00
23) Nitrobenzene-d5	9.16	82	118118	59.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	137430	98.62	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	319181	60.23	ng	-0.02
79) Terphenyl-d14	19.98	244	626652	61.82	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	19347	35.023	ng	95
3) Pyridine	3.86	79	46375	33.280	ng	94
4) n-Nitrosodimethylamine	3.78	42	28498	40.528	ng	# 87
6) Aniline	7.33	93	67674	28.804	ng	96
8) 2-Chlorophenol	7.58	128	67433	43.093	ng	98
9) Benzaldehyde	7.14	77	36301	36.217	ng	92
10) Phenol	7.23	94	81878	43.933	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	50399	34.977	ng	99
12) 1,3-Dichlorobenzene	7.88	146	74038	37.763	ng	94
13) 1,4-Dichlorobenzene	8.03	146	74220	37.416	ng	98
14) 1,2-Dichlorobenzene	8.35	146	73579	37.990	ng	96
15) Benzyl Alcohol	8.25	79	58396	40.769	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73456	35.059	ng	94
17) 2-Methylphenol	8.47	107	57132	42.051	ng	92
18) Hexachloroethane	9.08	117	27952	39.057	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	47521	36.058	ng	# 90
20) 3+4-Methylphenols	8.80	107	74950m	40.230	ng	
22) Acetophenone	8.82	105	94395	36.220	ng	# 94
24) Nitrobenzene	9.20	77	72724	38.675	ng	# 96
25) Isophorone	9.72	82	136418	37.800	ng	97
26) 2-Nitrophenol	9.92	139	39125	43.097	ng	# 94
27) 2,4-Dimethylphenol	9.99	122	63351	48.688	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	75018	37.663	ng	98
29) 2,4-Dichlorophenol	10.48	162	71667	42.988	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	78695	37.452	ng	88
31) Naphthalene	10.85	128	207243	40.120	ng	99
32) Benzoic acid	10.16	122	27872	31.814	ng	94
33) 4-Chloroaniline	10.98	127	54465	25.722	ng	97
34) Hexachlorobutadiene	11.13	225	56143	36.145	ng	98
35) Caprolactam	11.74	113	21019	36.607	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	74053	40.722	ng	91
37) 2-Methylnaphthalene	12.46	142	157742	39.799	ng	99
38) 1-Methylnaphthalene	12.67	142	151132	40.076	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	101600	37.488	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043615.D
 Acq On : 13 Nov 2019 16:44
 Operator : JU
 Sample : PB124718BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Manual Integrations
 APPROVED

mohammad
 11/14/2019 2:07:52 PM

Quant Time: Nov 14 03:03:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79687	55.973	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	63099	39.535	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	67968	42.123	nq	96
46) 1,1'-Biphenyl	13.46	154	210095	37.712	nq	99
47) 2-Chloronaphthalene	13.51	162	159479	37.623	nq	99
48) 2-Nitroaniline	13.72	65	49399	38.992	nq	93
49) Acenaphthylene	14.35	152	259443	39.327	nq	100
50) Dimethylphthalate	14.08	163	210889	37.179	nq	97
51) 2,6-Dinitrotoluene	14.21	165	47800	38.790	nq	94
52) Acenaphthene	14.69	154	154898	38.502	nq	93
53) 3-Nitroaniline	14.55	138	33557	28.205	nq	# 94
54) 2,4-Dinitrophenol	14.75	184	39357	53.773	nq	97
55) Dibenzofuran	15.03	168	256659	39.340	nq	98
56) 4-Nitrophenol	14.89	139	60294	75.624	nq	93
57) 2,4-Dinitrotoluene	14.99	165	69011	39.187	nq	# 92
58) Fluorene	15.68	166	213242	38.970	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	66381m	38.721	nq	
60) Diethylphthalate	15.44	149	209990	36.844	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	120389	37.714	nq	97
62) 4-Nitroaniline	15.71	138	45410	36.958	nq	97
63) Azobenzene	15.96	77	178286	38.652	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37400	37.402	nq	92
66) n-Nitrosodiphenylamine	15.88	169	187222	39.028	nq	96
67) 4-Bromophenyl-phenylether	16.56	248	84997	37.170	nq	92
68) Hexachlorobenzene	16.69	284	94362	35.950	nq	99
69) Atrazine	16.83	200	80477	48.279	nq	98
70) Pentachlorophenol	17.04	266	68903	57.609	nq	97
71) Phenanthrene	17.41	178	338988	38.960	nq	99
72) Anthracene	17.51	178	349494	40.146	nq	99
73) Carbazole	17.79	167	318338	40.380	nq	97
74) Di-n-butylphthalate	18.33	149	372455	38.937	nq	99
75) Fluoranthene	19.42	202	453631	39.991	nq	99
77) Benzidine	19.61	184	171967	44.935	nq	99
78) Pyrene	19.79	202	464293	39.445	nq	100
80) Butylbenzylphthalate	20.67	149	174983	39.239	nq	97
81) Benzo(a)anthracene	21.62	228	475548	39.923	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	159298	34.576	nq	99
83) Chrysene	21.69	228	464582	39.255	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	253872	40.076	nq	99
85) Di-n-octyl phthalate	22.71	149	442360	41.160	nq	97
86) Indeno(1,2,3-cd)pyrene	28.44	276	600680	40.434	nq	98
88) Benzo(b)fluoranthene	23.81	252	496141	40.591	nq	99
89) Benzo(k)fluoranthene	23.88	252	521689	42.397	nq	98
90) Benzo(a)pyrene	24.67	252	470839	40.339	nq	100
91) Dibenzo(a,h)anthracene	28.50	278	505268	42.322	nq	99
92) Benzo(g,h,i)perylene	29.58	276	505569	42.931	nq	97

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



#1

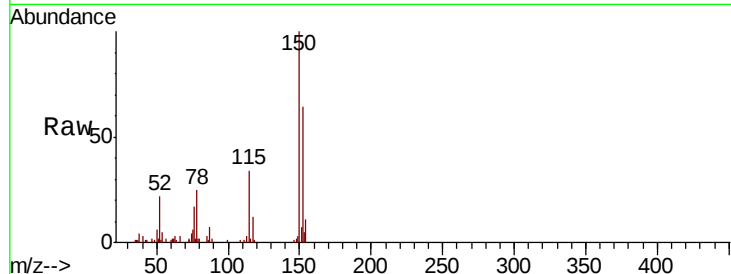
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.4	194.0
115	53.7	48.8	73.2

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

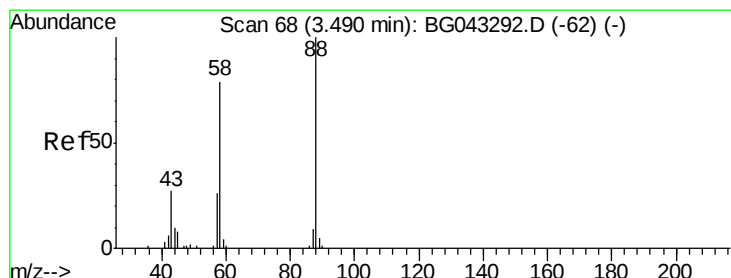
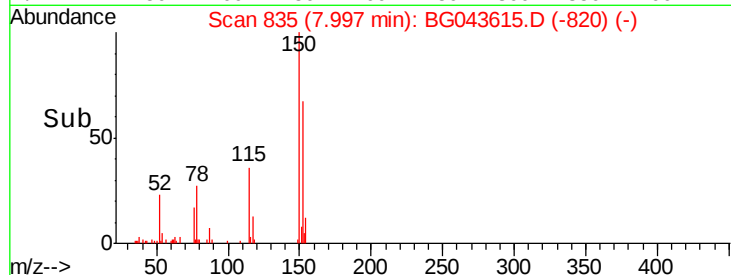
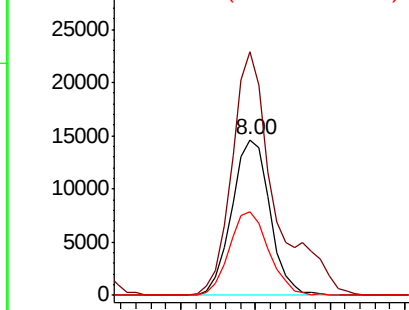


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

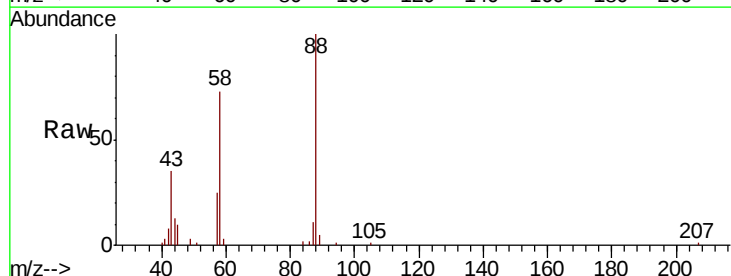
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.023 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	62.7	94.1
43	34.2	23.7	35.5

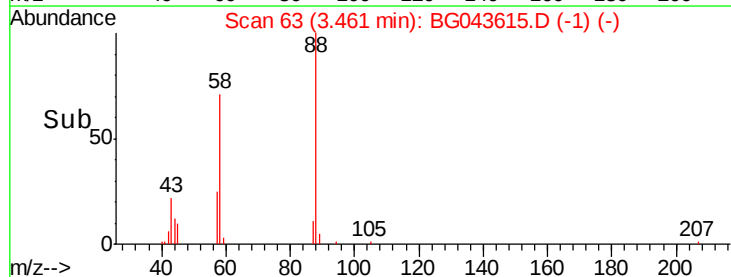
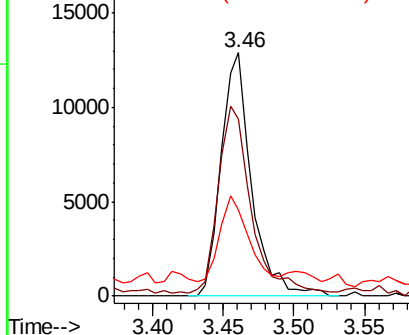


Abundance

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: 33.280 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

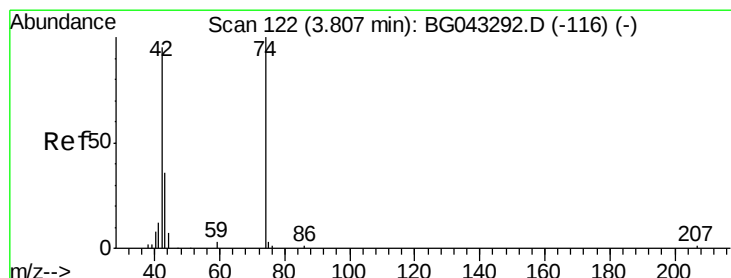
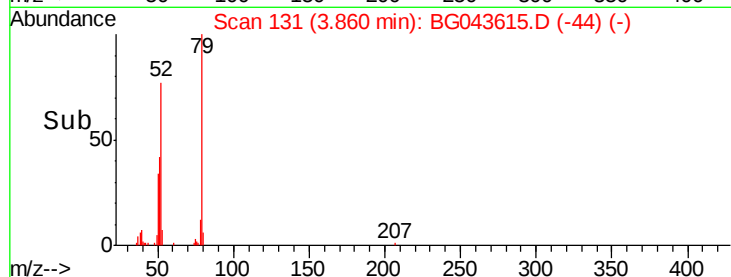
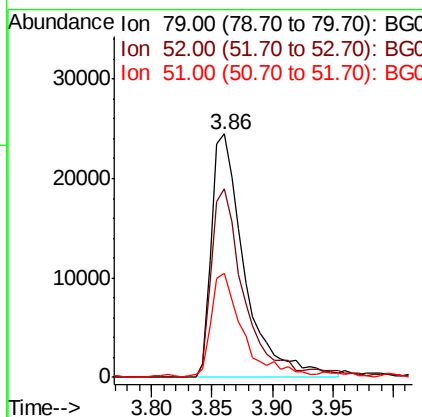
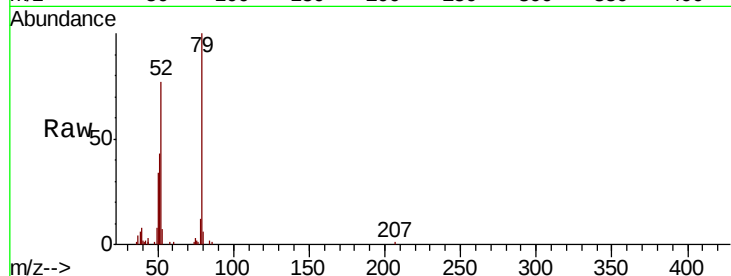
ClientSampleId :

PB124718BS

Tot Ion:	79	Resp:	46375
Ion	Ratio	Lower	Upper
79	100		
52	77.2	56.5	84.7
51	42.9	33.2	49.8

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#4

n-Nitrosodimethylamine

Concen: 40.528 ng

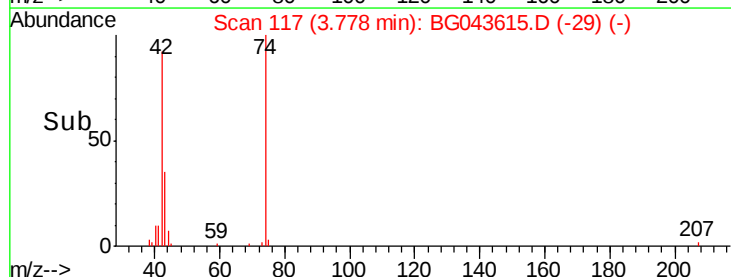
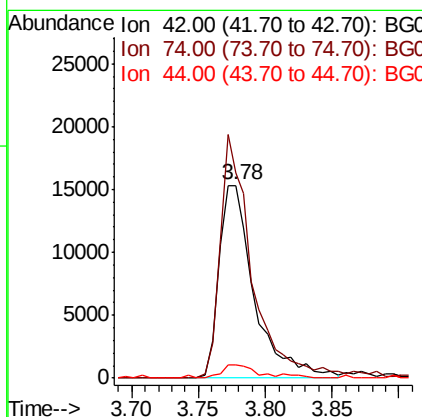
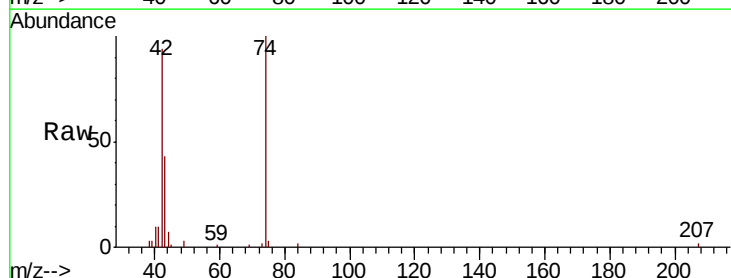
RT: 3.78 min Scan# 117

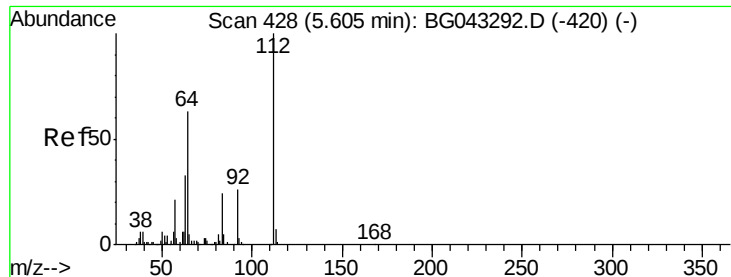
Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	42	Resp:	28498
Ion	Ratio	Lower	Upper
42	100		
74	106.5	97.3	145.9
44	7.2	4.4	6.6#





#5

2-Fluorophenol

Concen: 119.714 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

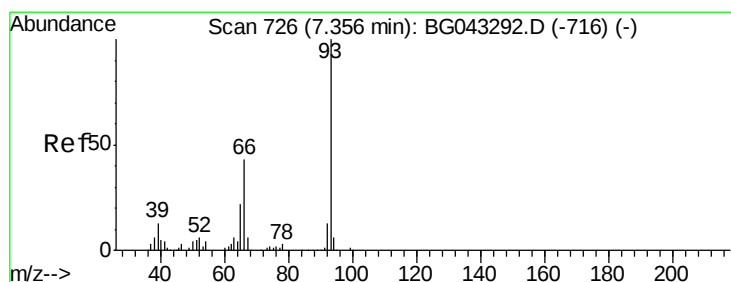
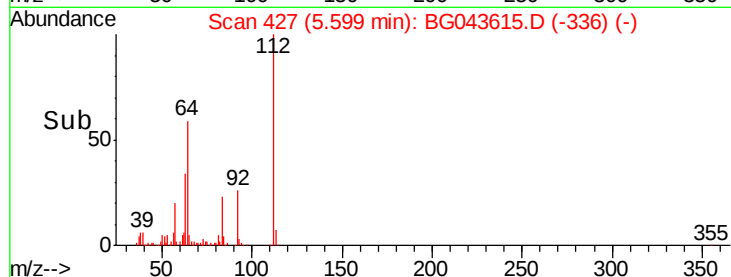
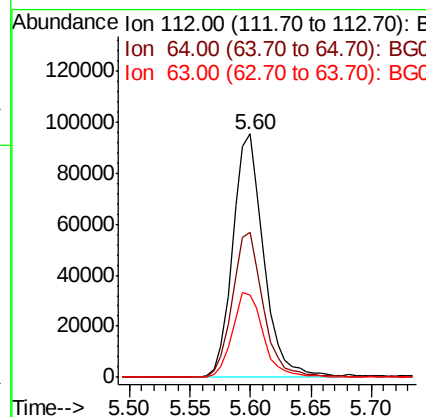
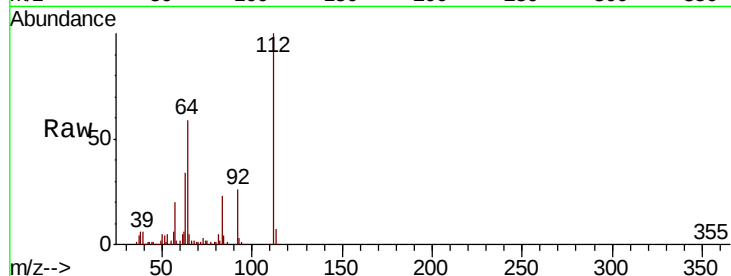
ClientSampleId :

PB124718BS

Tot Ion:	112	Resp:	169702
Ion Ratio	Lower	Upper	
112	100		
64	59.5	50.0	75.0
63	33.6	26.6	40.0

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#6

Aniline

Concen: 28.804 ng

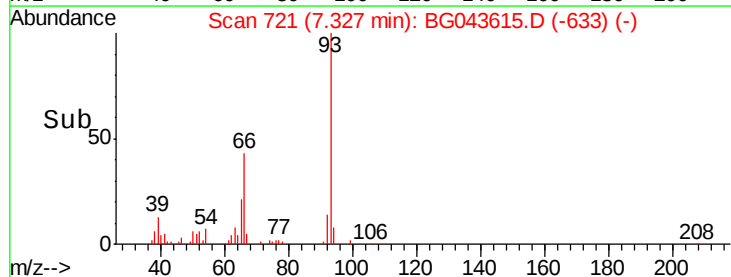
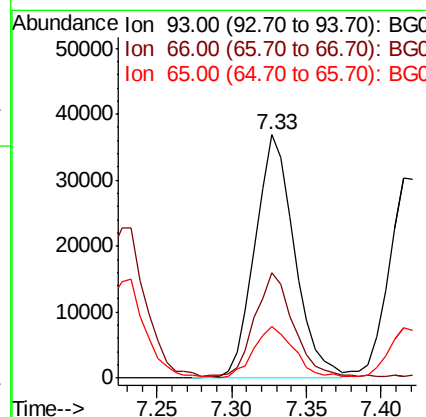
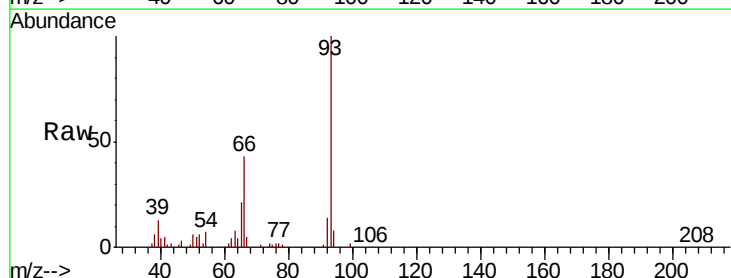
RT: 7.33 min Scan# 721

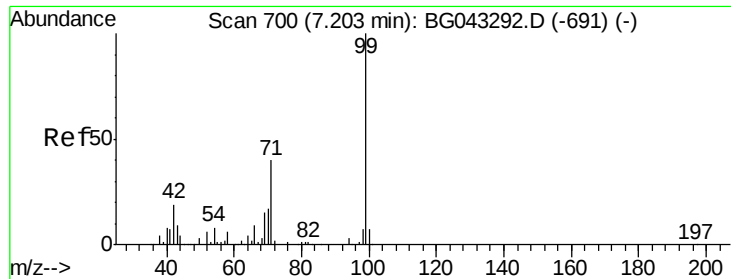
Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	93	Resp:	67674
Ion Ratio	Lower	Upper	
93	100		
66	43.1	32.3	48.5
65	21.2	16.1	24.1





#7

Phenol-d6

Concen: 110.317 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

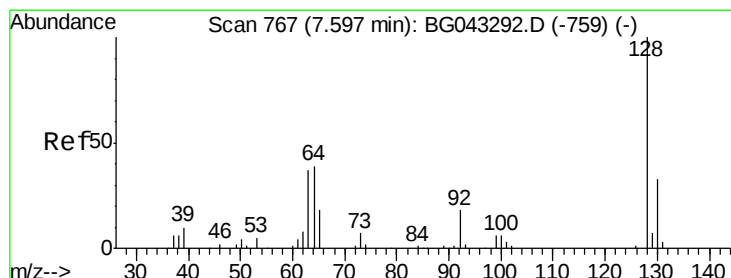
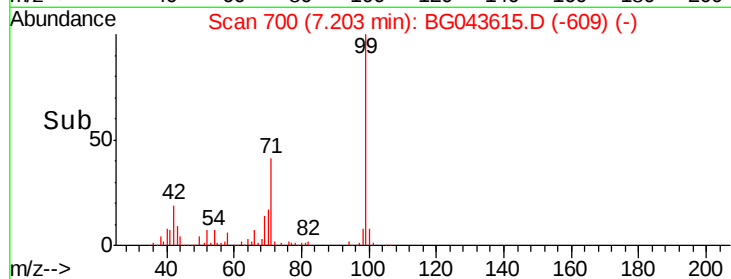
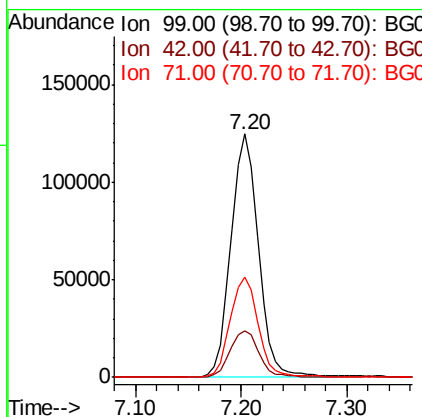
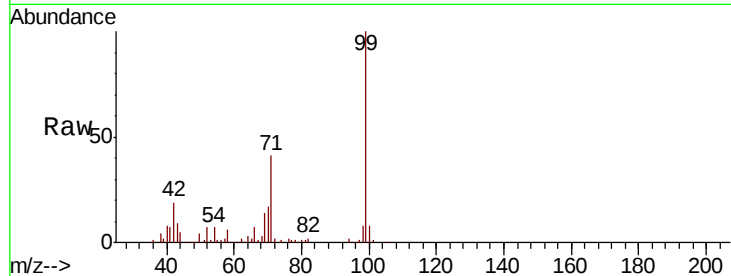
ClientSampleId :

PB124718BS

Tot Ion:	99	Resp:	224996
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.6	21.8
71	41.2	32.5	48.7

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#8

2-Chlorophenol

Concen: 43.093 ng

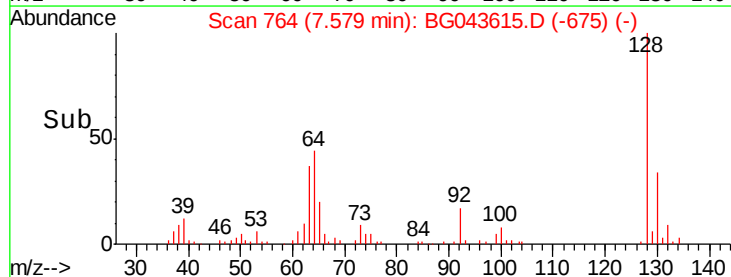
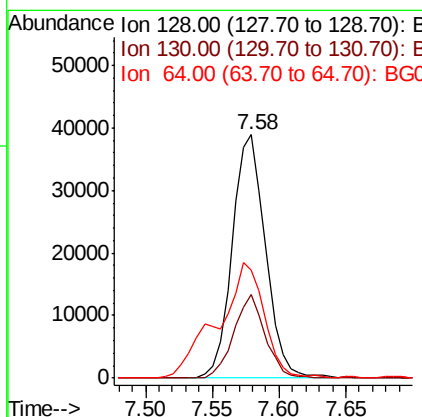
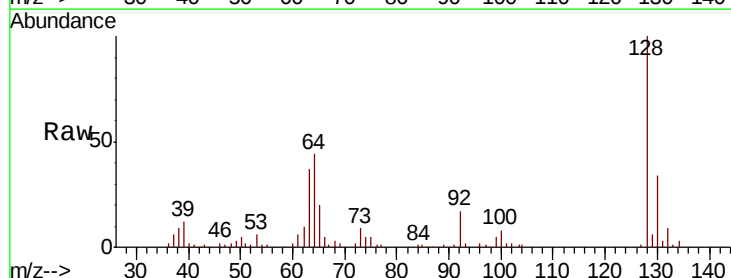
RT: 7.58 min Scan# 764

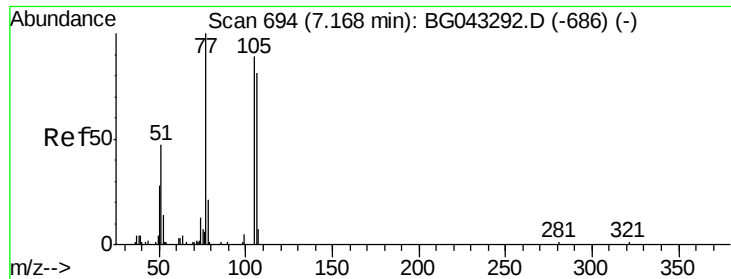
Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	128	Resp:	67433
Ion Ratio	Lower	Upper	
128	100		
130	34.1	12.5	52.5
64	44.5	25.3	65.3





#9

Benzaldehyde

Concen: 36.217 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

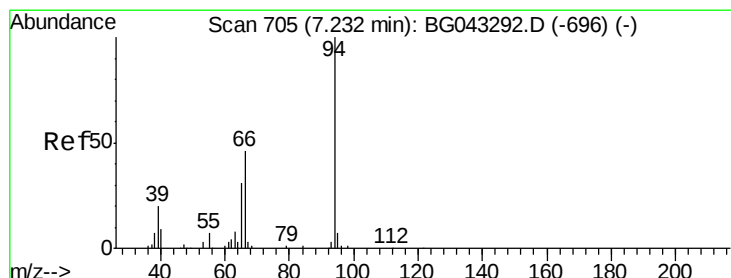
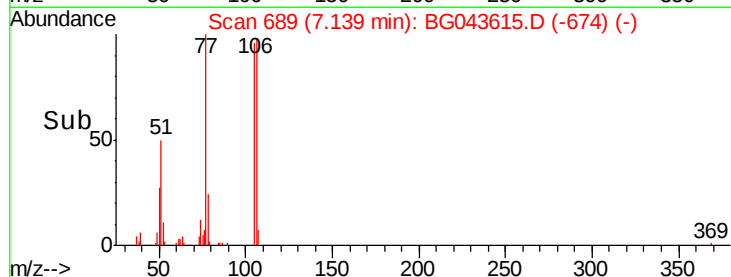
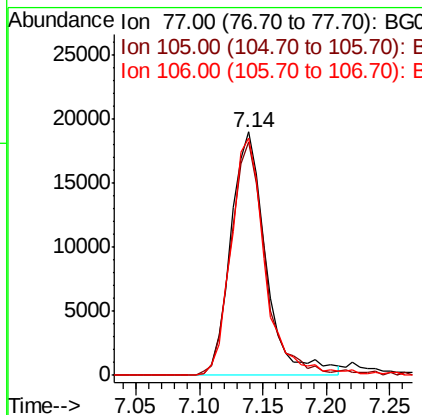
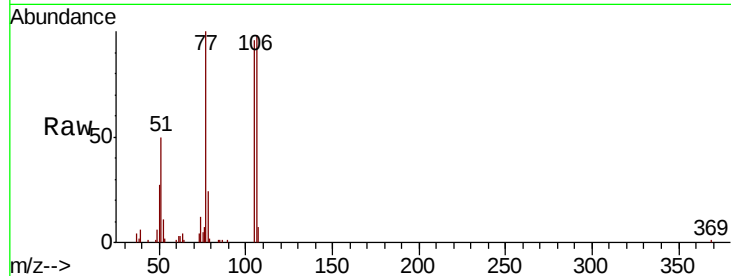
ClientSampleId :

PB124718BS

Tot Ion:	77	Resp:	36301
Ion	Ratio	Lower	Upper
77	100		
105	95.6	68.6	108.6
106	97.5	69.9	109.9

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#10

Phenol

Concen: 43.933 ng

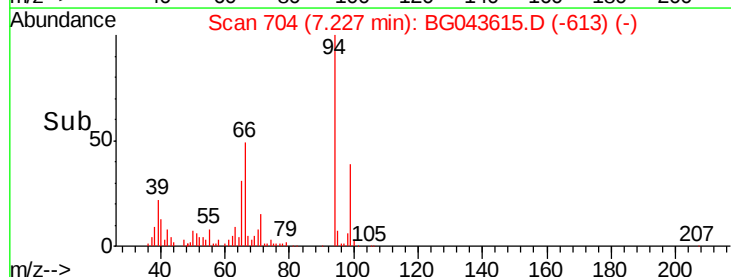
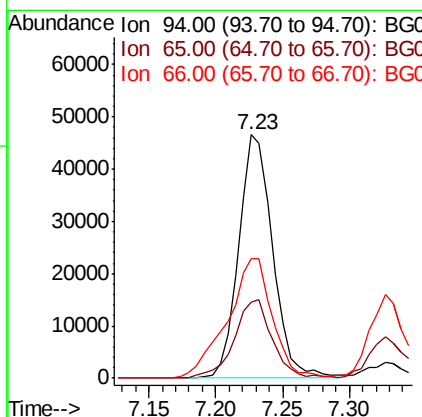
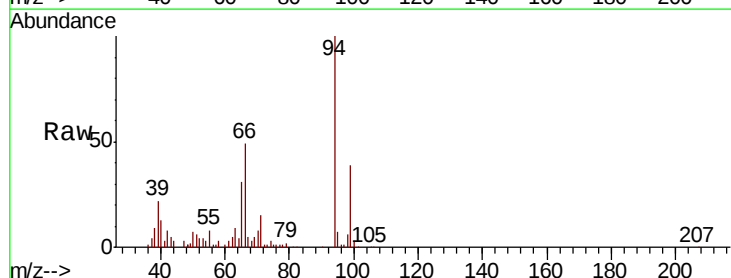
RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	94	Resp:	81878
Ion	Ratio	Lower	Upper
94	100		
65	31.3	12.6	52.6
66	49.0	30.7	70.7





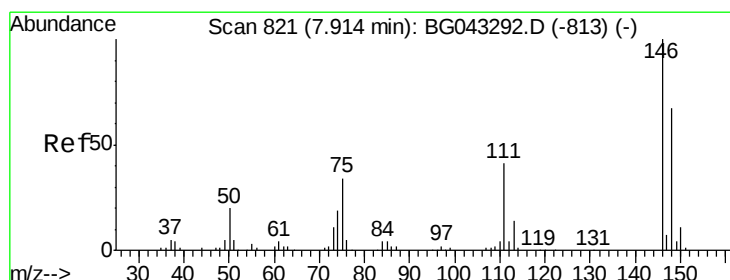
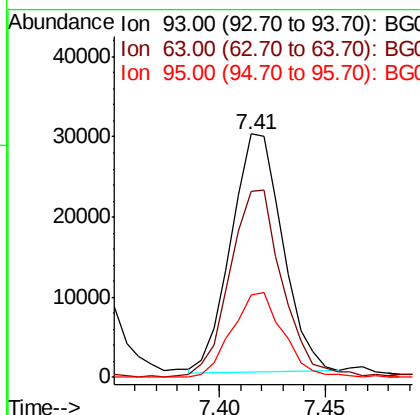
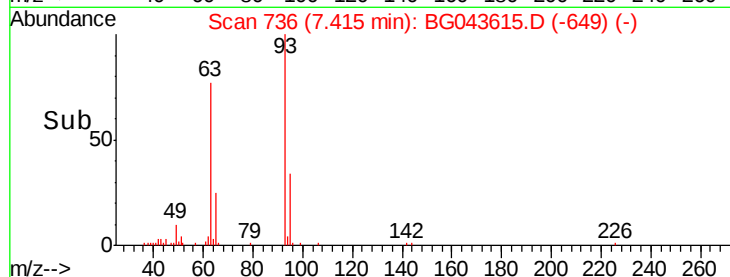
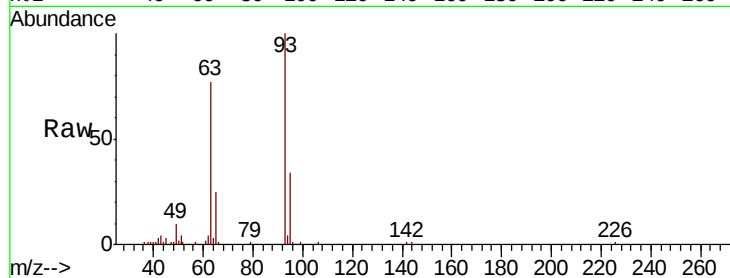
#11
bis(2-Chloroethyl)ether
Concen: 34.977 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	56.3	96.3
95	34.0	12.2	52.2

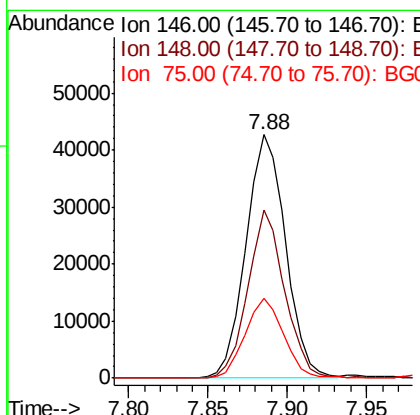
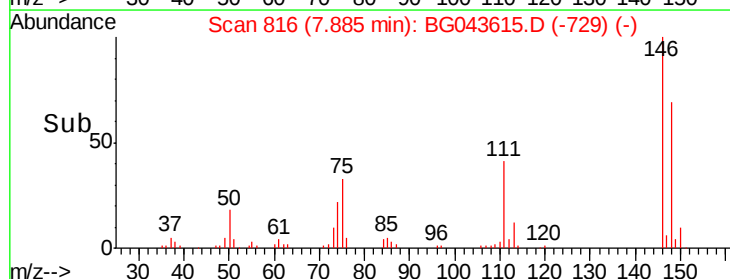
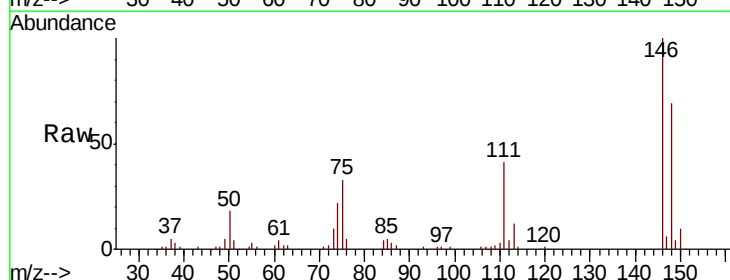
Manual Integrations
APPROVED

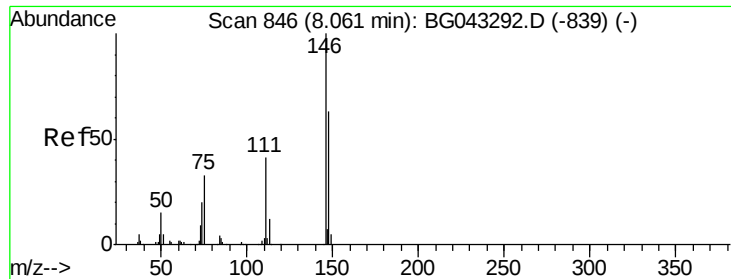
mohammad
11/14/2019 2:07:52 PM



#12
1,3-Dichlorobenzene
Concen: 37.763 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	50.3	75.5
75	32.7	24.6	37.0





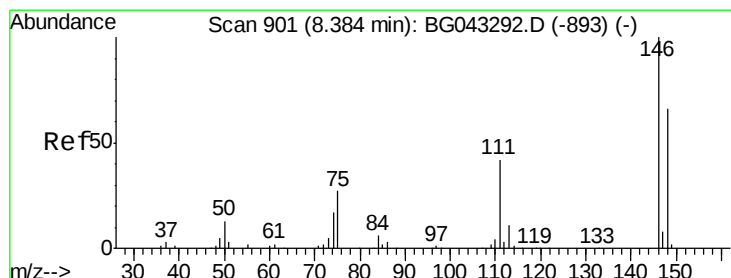
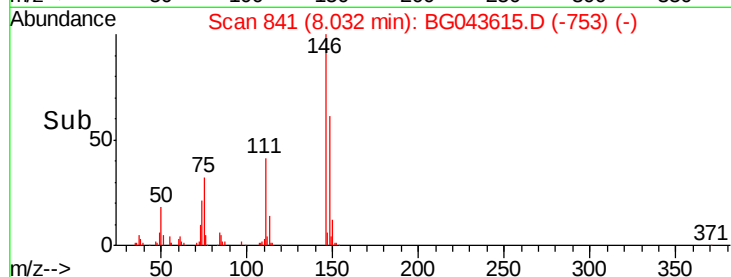
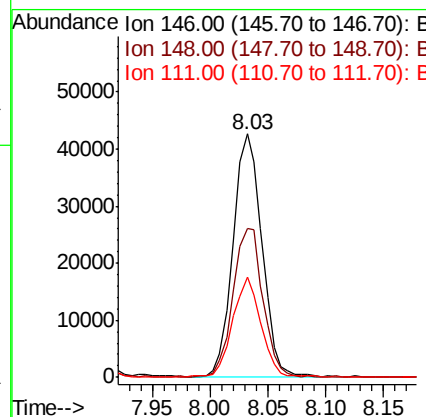
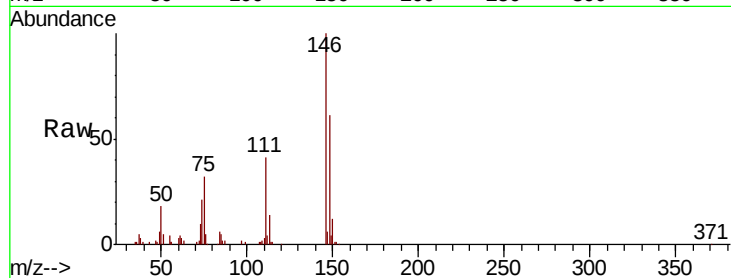
#13
1,4-Dichlorobenzene
Concen: 37.416 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.7	76.1
111	41.2	33.4	50.2

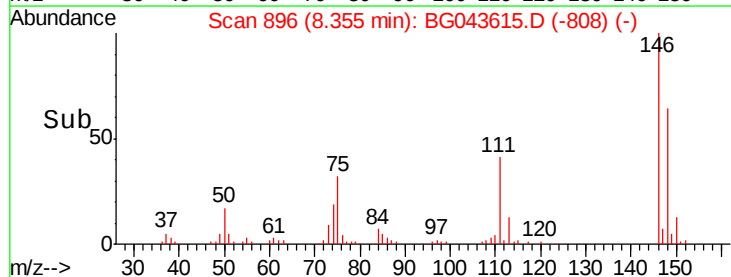
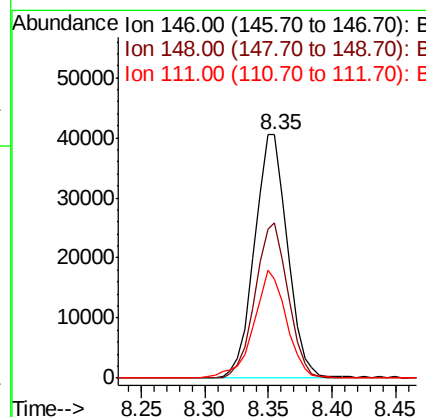
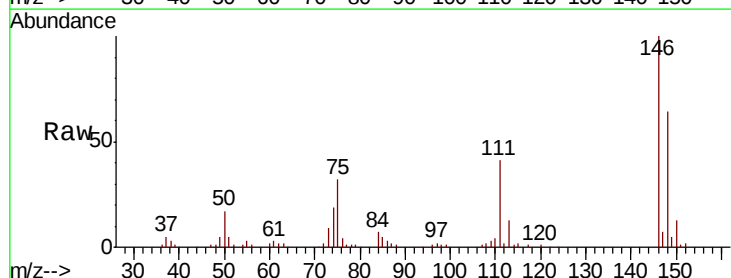
Manual Integrations
APPROVED

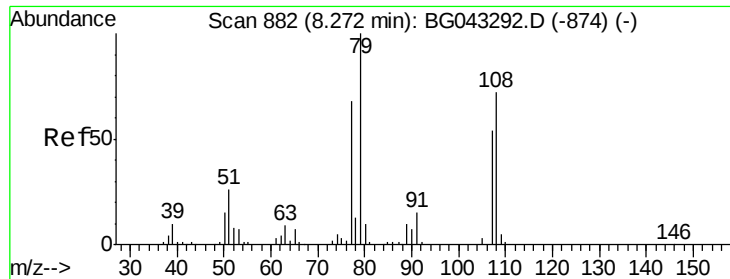
mohammad
11/14/2019 2:07:52 PM



#14
1,2-Dichlorobenzene
Concen: 37.990 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.2	79.8
111	40.8	35.8	53.6





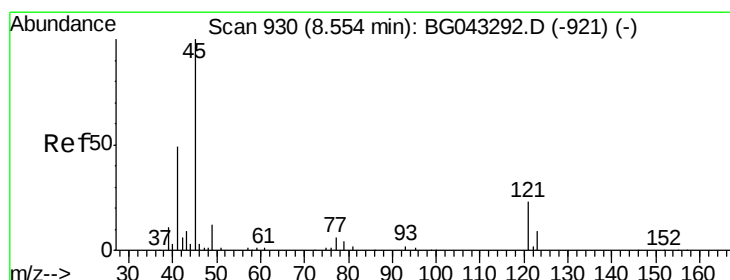
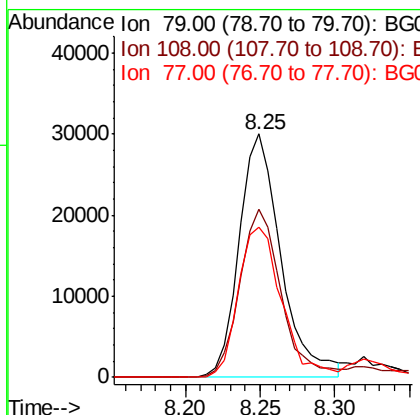
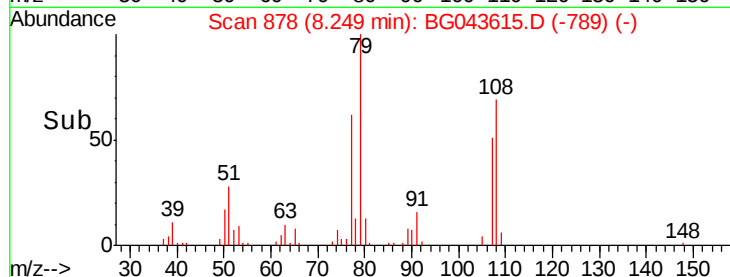
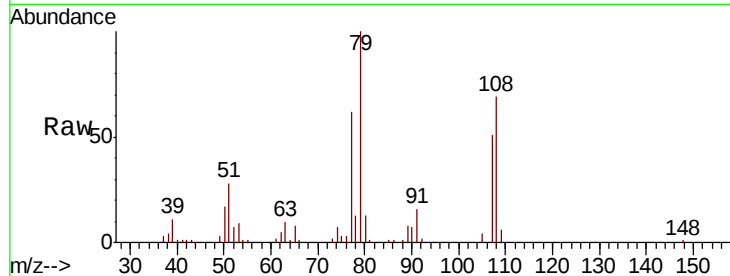
#15
Benzyl Alcohol
Concen: 40.769 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	53.6	80.4
77	61.6	49.6	74.4

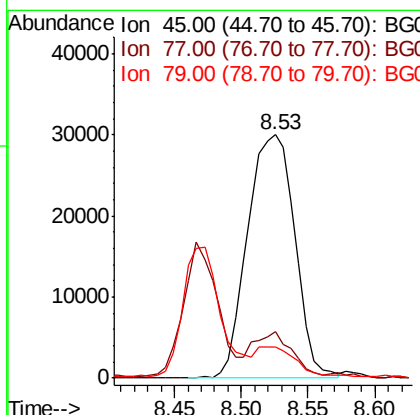
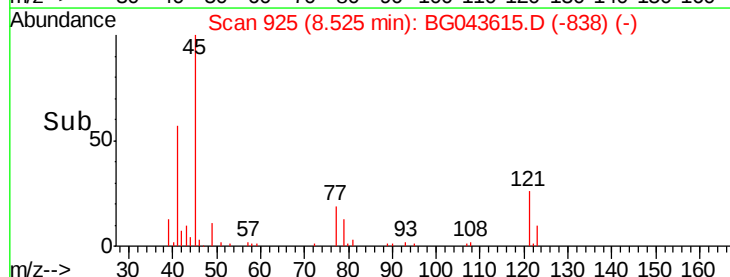
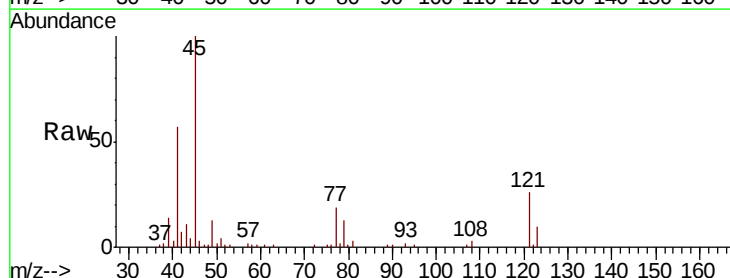
Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.059 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	34.9
79	12.6	0.0	33.0





#17

2-Methylphenol

Concen: 42.051 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

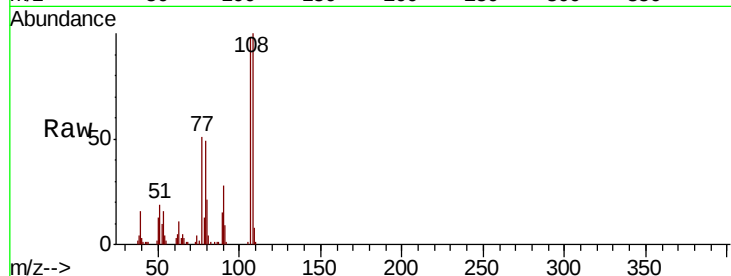
ClientSampleId :

PB124718BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.5	90.2	135.4	
77	51.8	40.2	60.2	
79	49.5	44.0	66.0	

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



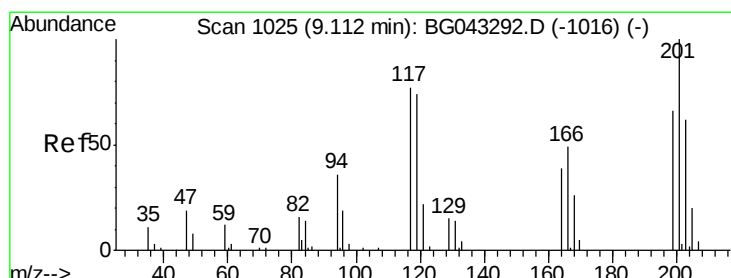
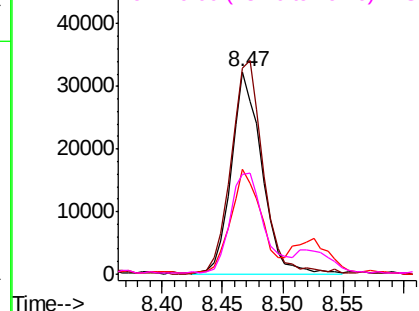
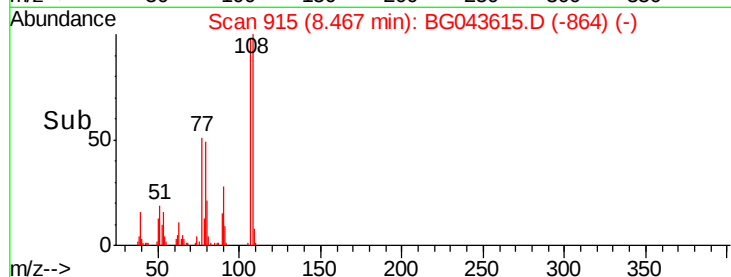
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.057 ng

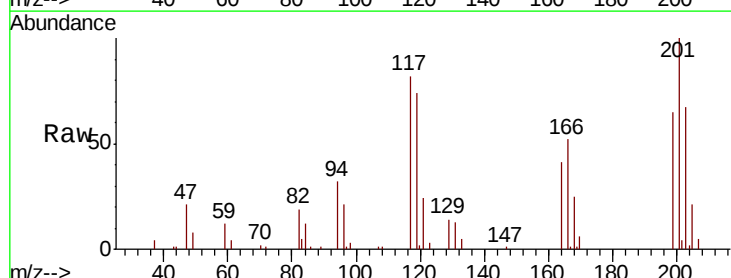
RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.9	79.0	118.4	
201	122.3	105.4	158.2	

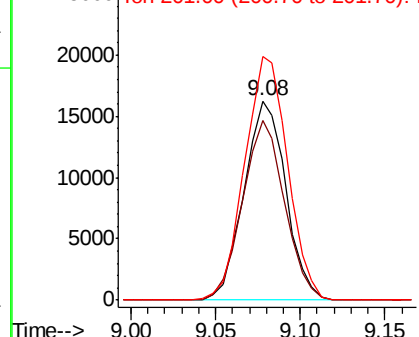
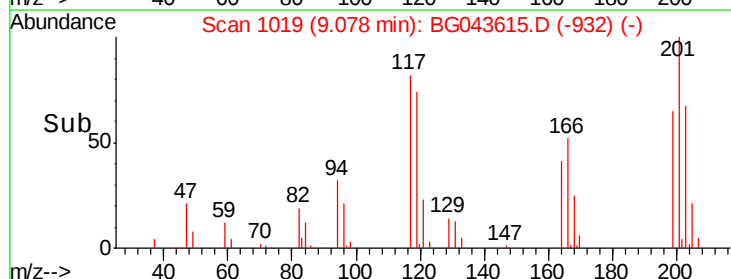


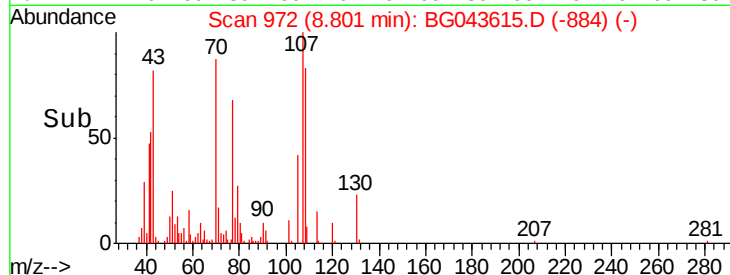
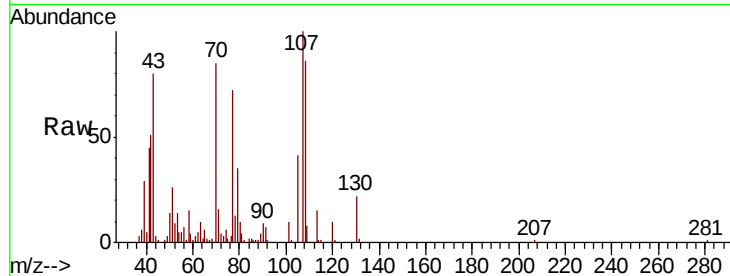
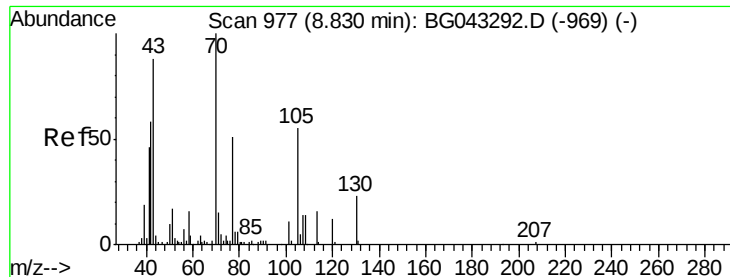
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





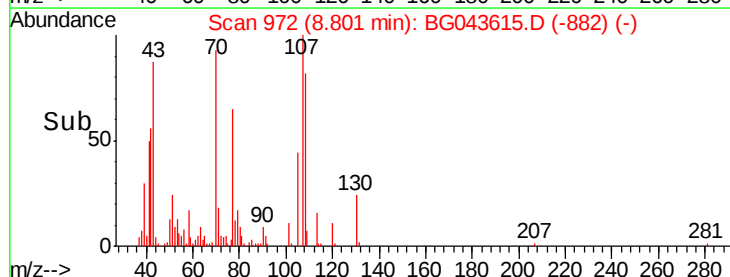
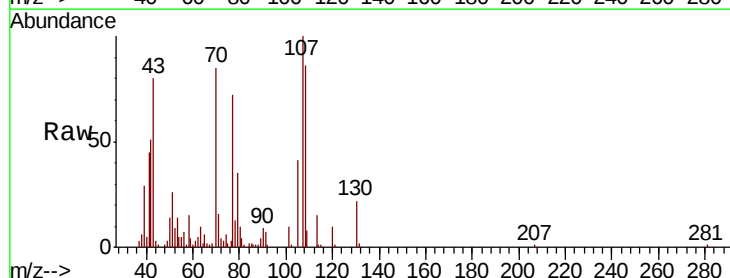
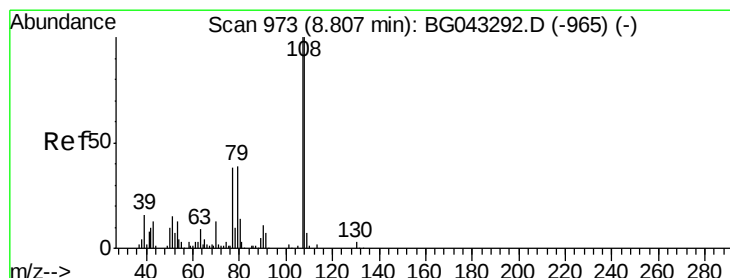
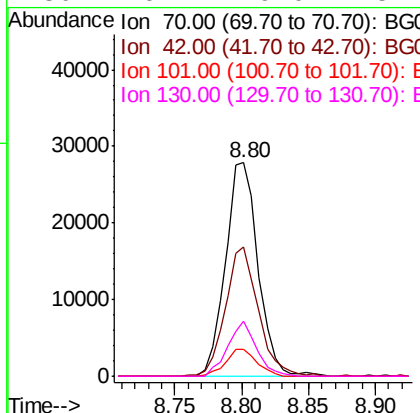
#19
n-Nitroso-di-n-propylamine
Concen: 36.058 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	41.4	62.2	
101	12.4	7.9	11.9	
130	26.1	19.0	28.4	

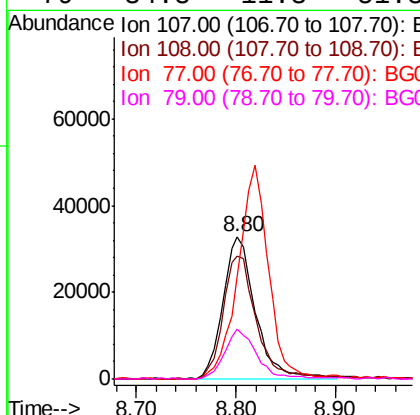
Manual Integrations
APPROVED

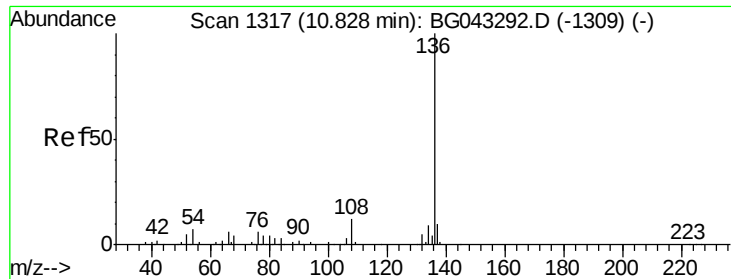
mohammad
11/14/2019 2:07:52 PM



#20
3+4-Methylphenols
Concen: 40.230 ng m
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	66.6	106.6	
77	71.8	20.9	60.9	
79	34.8	11.3	51.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

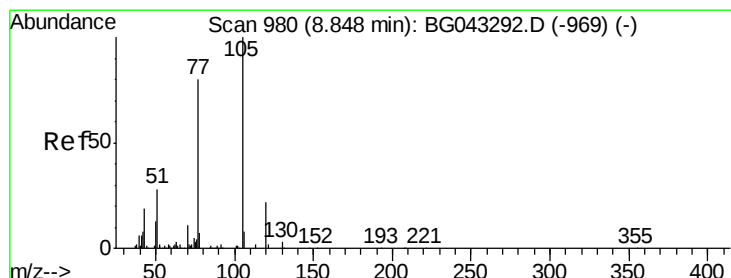
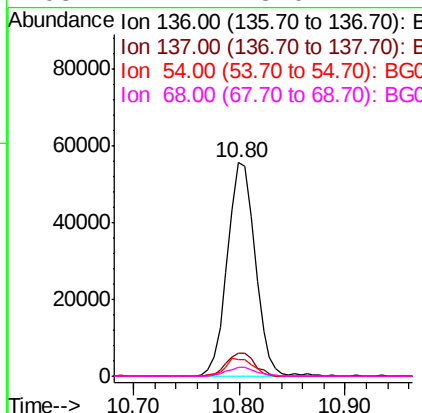
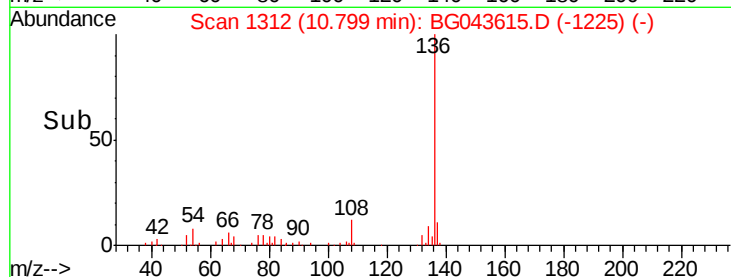
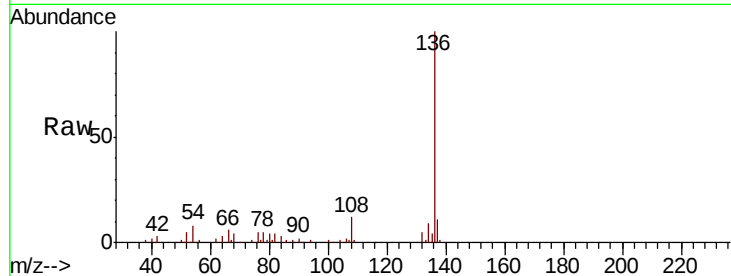
ClientSampleId :

PB124718BS

Tot Ion	136	Resp	101766
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	7.9	5.4	8.2
68	4.4	3.0	4.4

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#22

Acetophenone

Concen: 36.220 ng

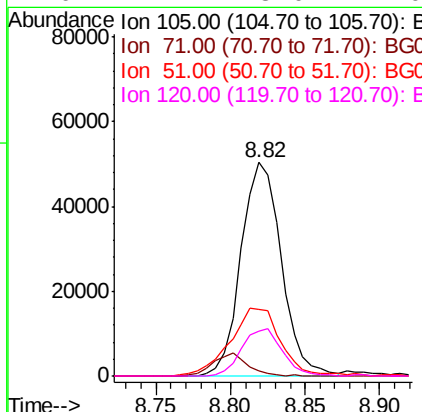
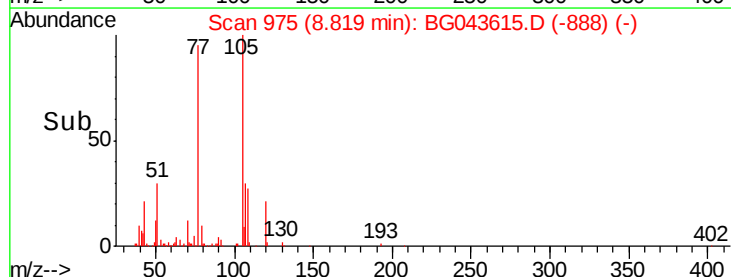
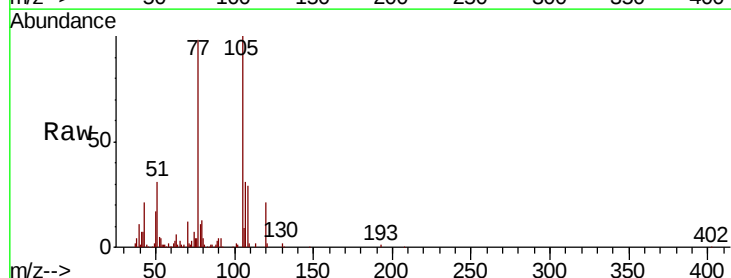
RT: 8.82 min Scan# 975

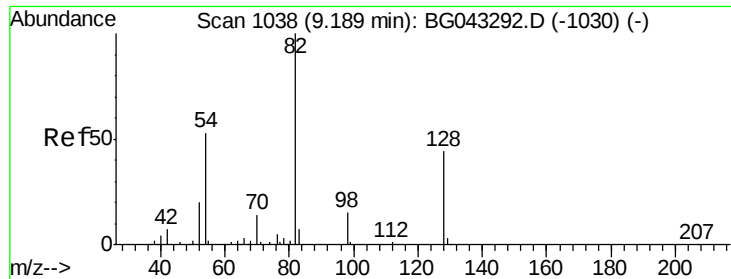
Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion	105	Resp	94395
Ion Ratio	Lower	Upper	
105	100		
71	2.1	0.8	1.2#
51	31.1	21.0	31.4
120	21.1	18.0	27.0





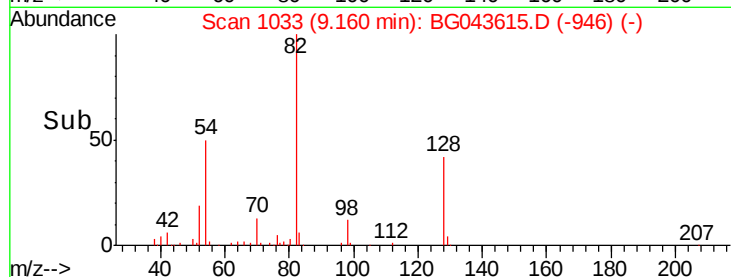
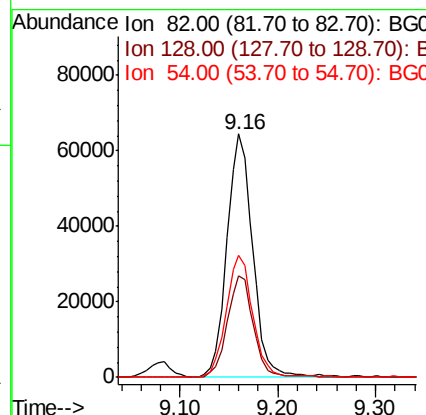
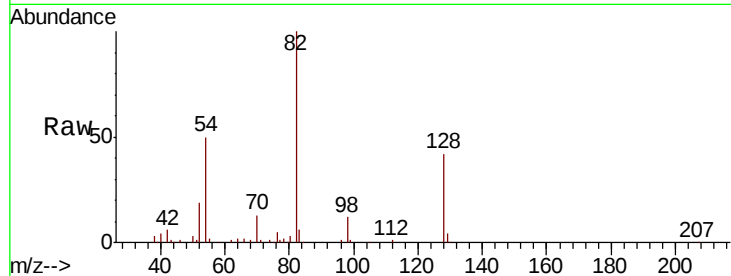
#23
Nitrobenzene-d5
Concen: 59.838 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.6
54	50.2	40.2	60.2

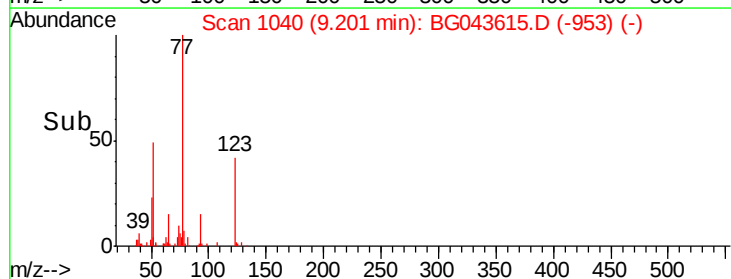
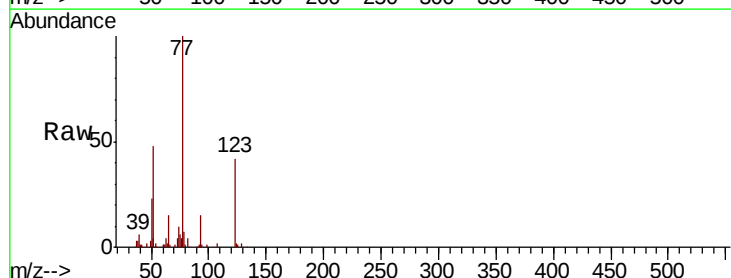
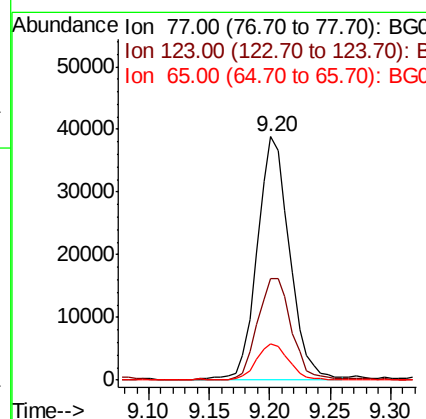
Manual Integrations
APPROVED

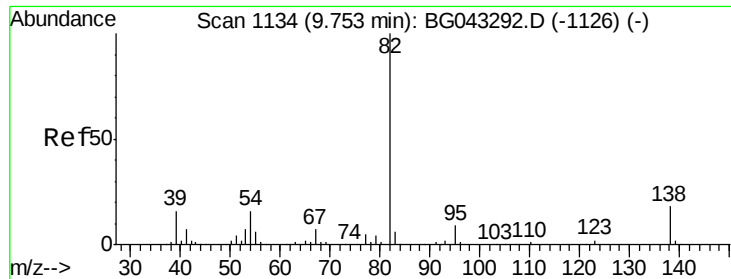
mohammad
11/14/2019 2:07:52 PM



#24
Nitrobenzene
Concen: 38.675 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	35.0	52.6
65	15.1	9.5	14.3





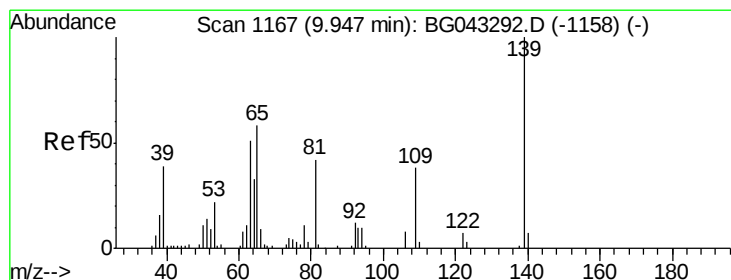
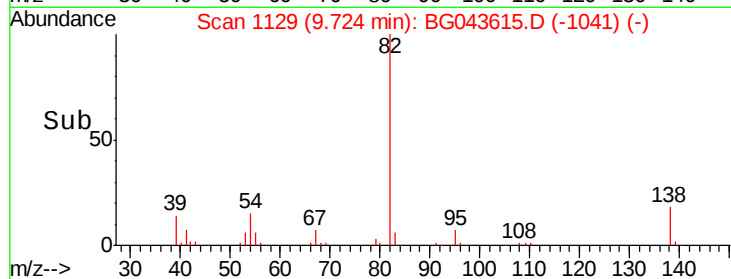
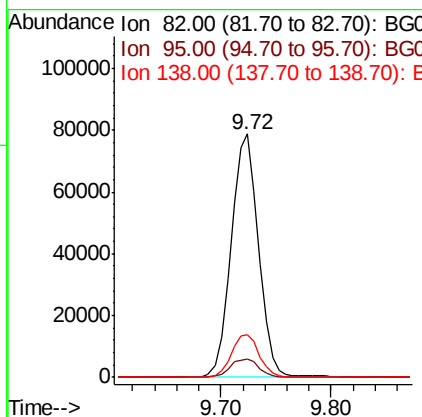
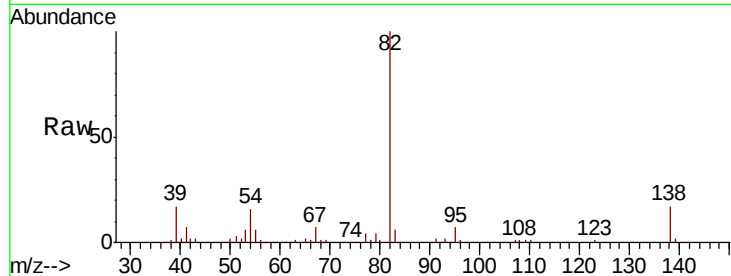
#25
Isophorone
Concen: 37.800 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.6	9.8
138	17.3	15.2	22.8

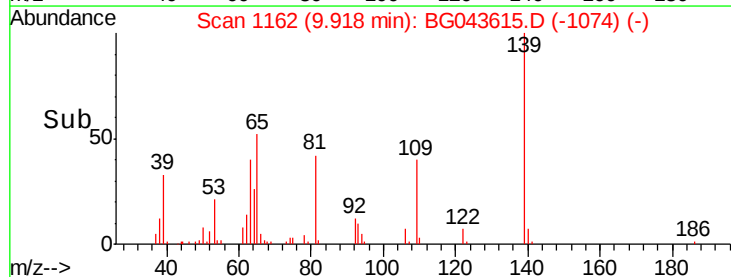
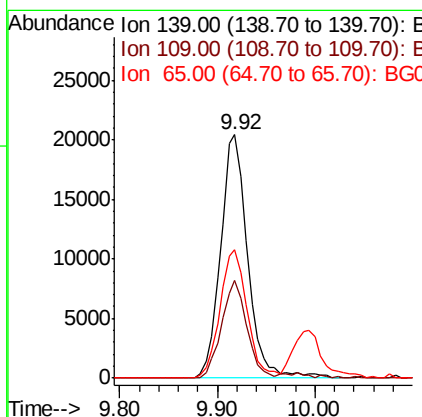
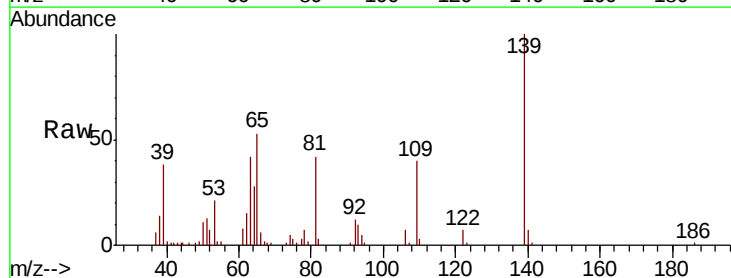
Manual Integrations
APPROVED

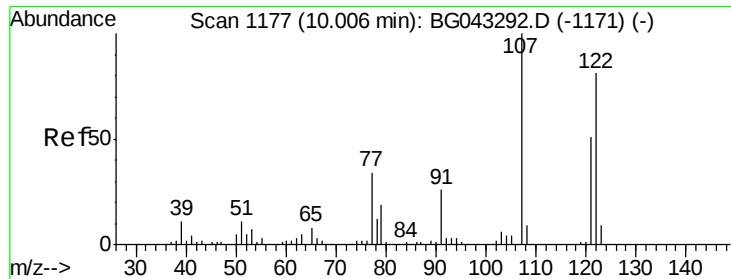
mohammad
11/14/2019 2:07:52 PM



#26
2-Nitrophenol
Concen: 43.097 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.1	26.5	39.7#
65	52.9	43.8	65.8





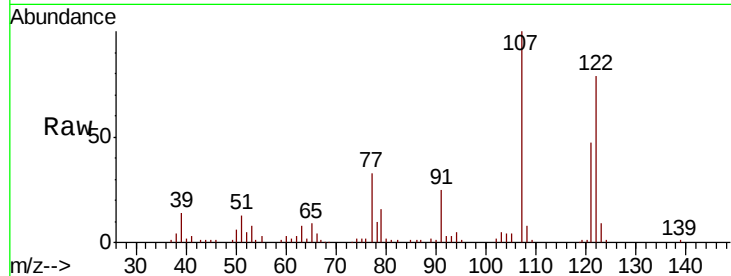
#27
2,4-Dimethylphenol
Concen: 48.688 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.3	104.4	156.6
121	59.4	47.2	70.8

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

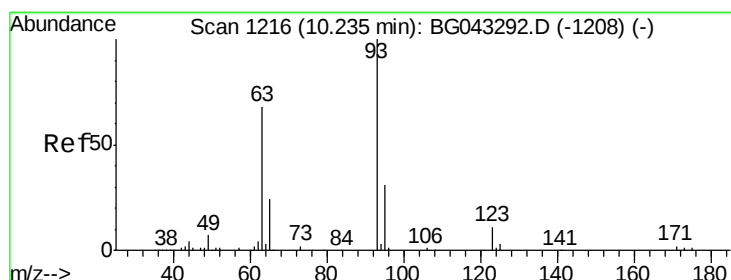
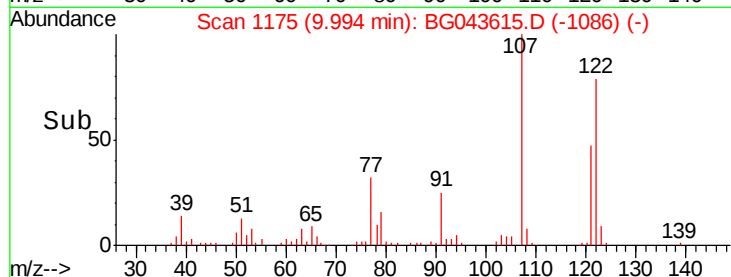
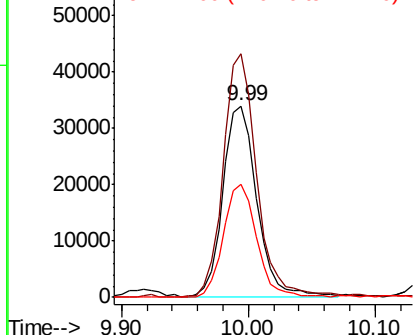


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.663 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

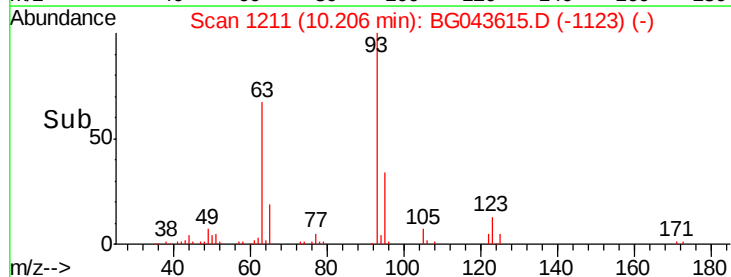
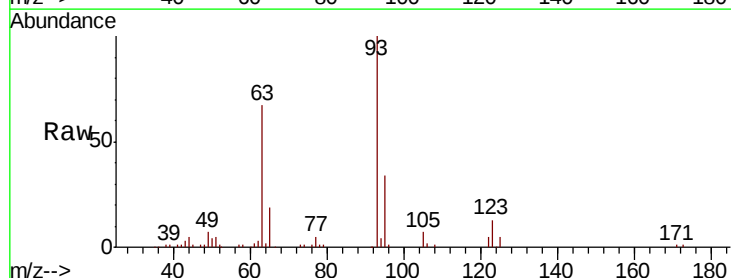
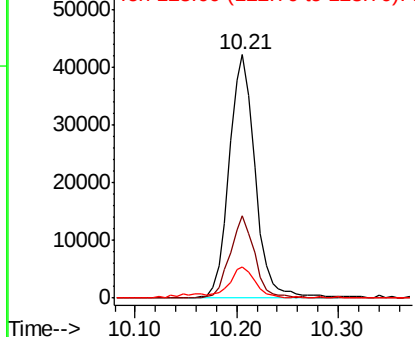
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.0	39.0
123	13.0	10.6	15.8

Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





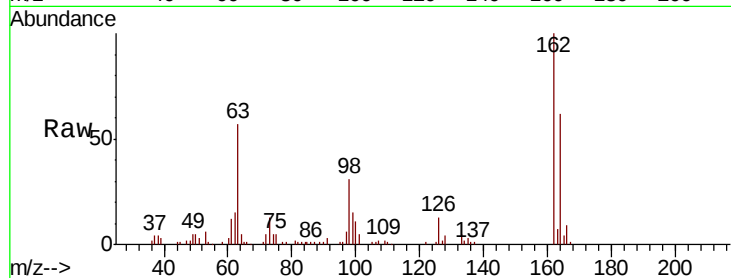
#29
2,4-Dichlorophenol
Concen: 42.988 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	48.9	88.9
98	31.4	15.1	55.1

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

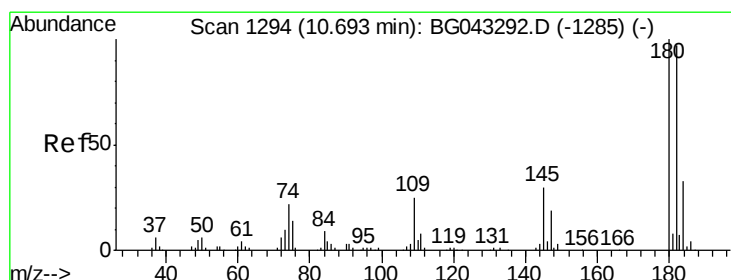
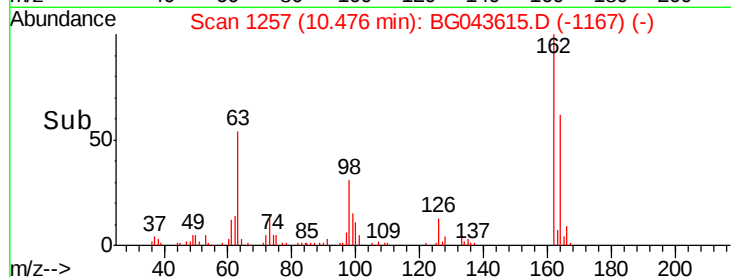
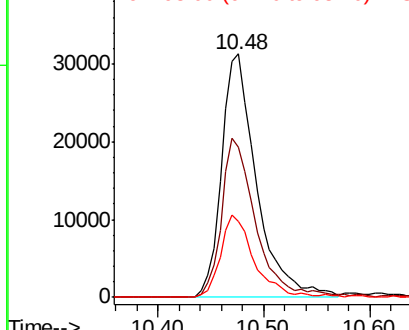


Abundance

Ion 162.00 (161.70 to 162.70): E

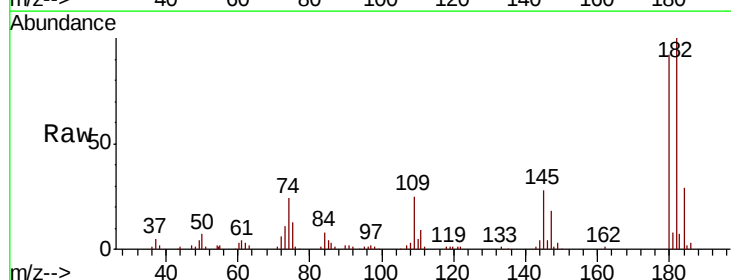
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 37.452 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	108.5	75.1	112.7
145	30.4	23.9	35.9

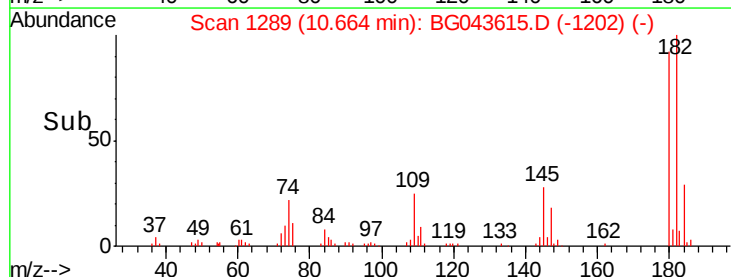
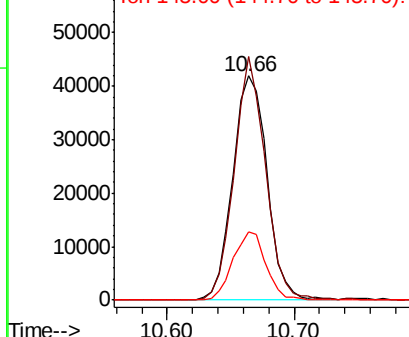


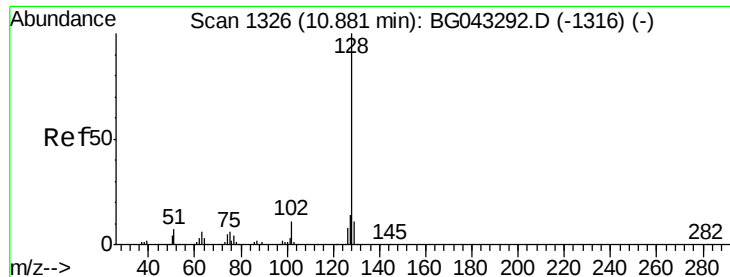
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





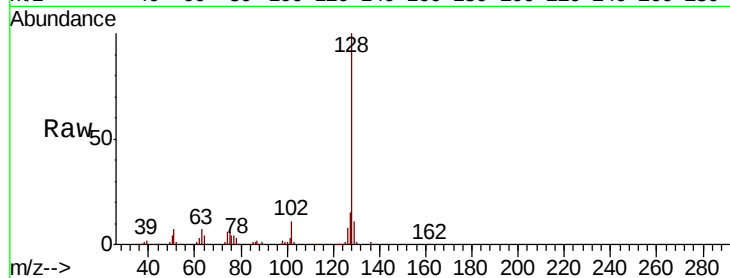
#31
Naphthalene
Concen: 40.120 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	207243		
129	11.5		9.4	14.0
127	14.6		11.1	16.7

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

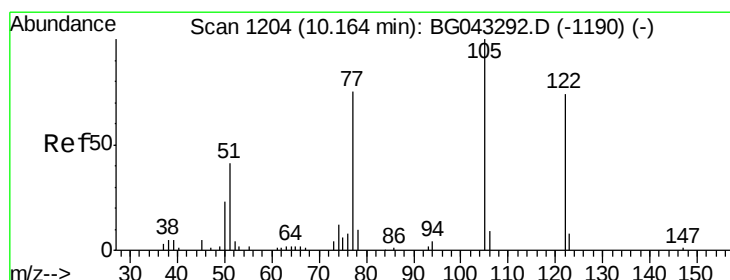
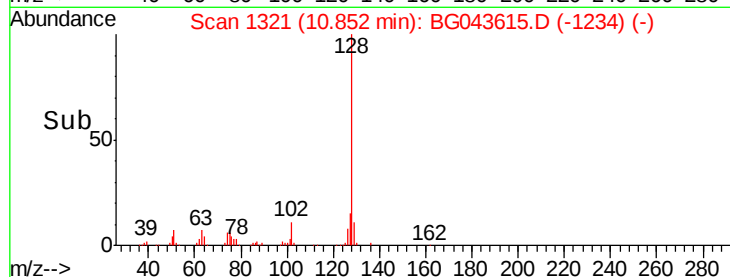
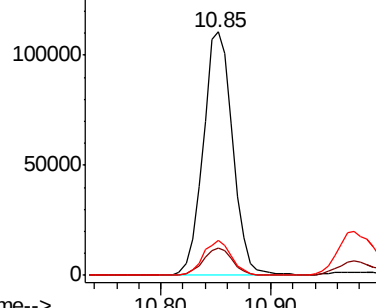


Abundance

Ion 128.00 (127.70 to 128.70): E

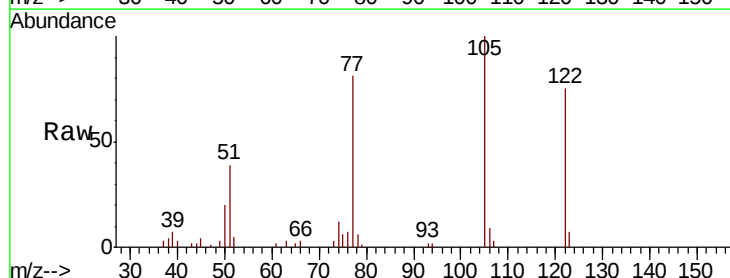
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.814 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27872		
105	133.1		103.3	143.3
77	107.7		84.9	124.9

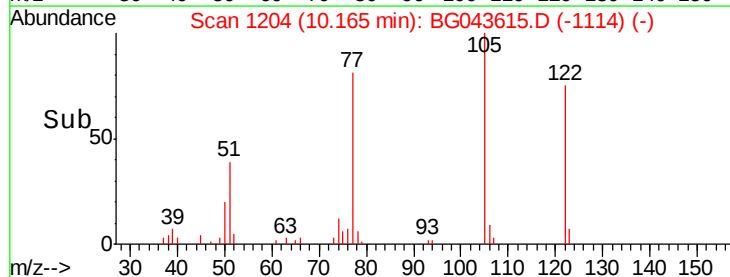
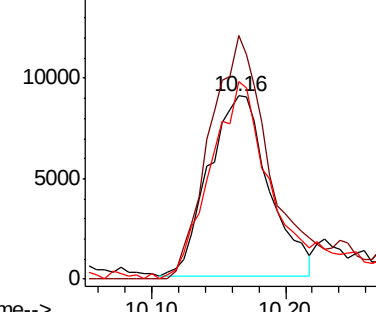


Abundance

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





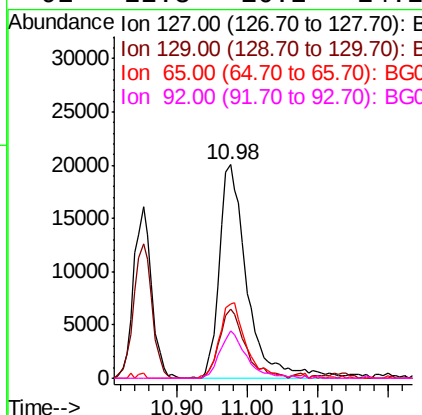
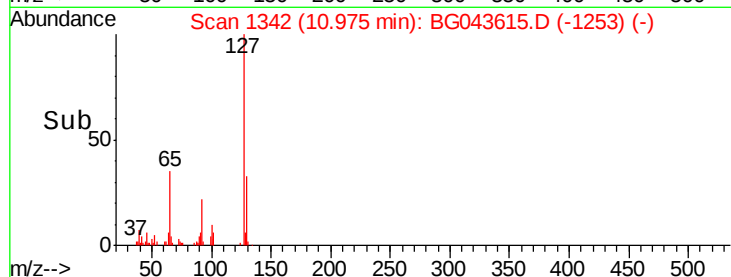
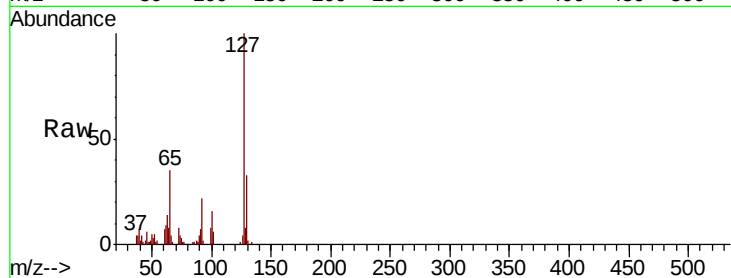
#33
4-Chloroaniline
Concen: 25.722 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.5	39.7		
65	34.9	26.4	39.6		
92	22.3	16.2	24.2		

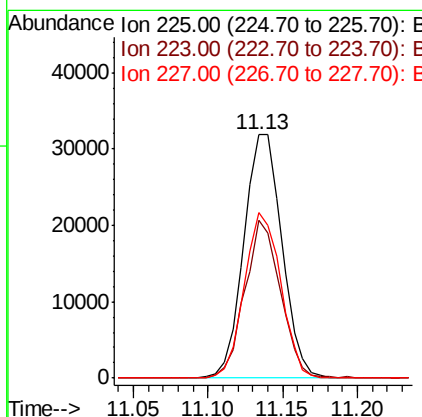
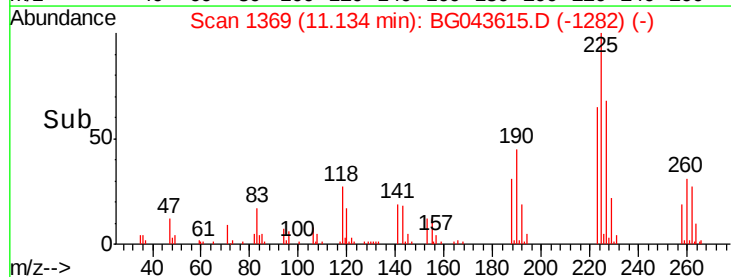
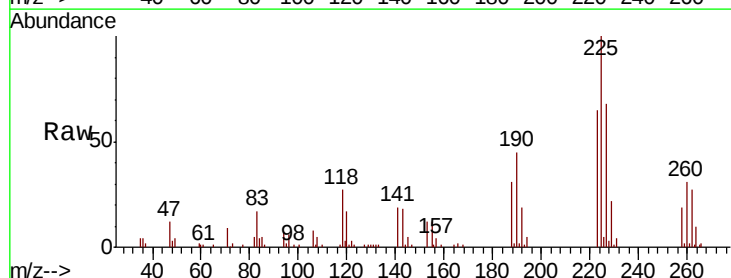
Manual Integrations
APPROVED

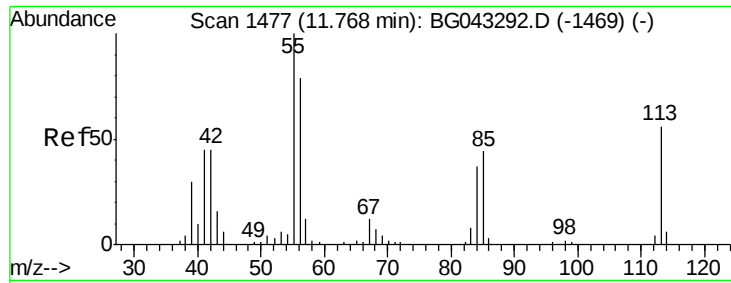
mohammad
11/14/2019 2:07:52 PM



#34
Hexachlorobutadiene
Concen: 36.145 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	52.7	79.1		
227	71.0	54.8	82.2		





#35

Caprolactam

Concen: 36.607 ng

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

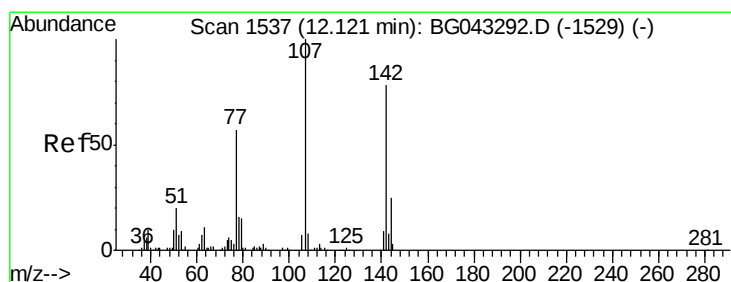
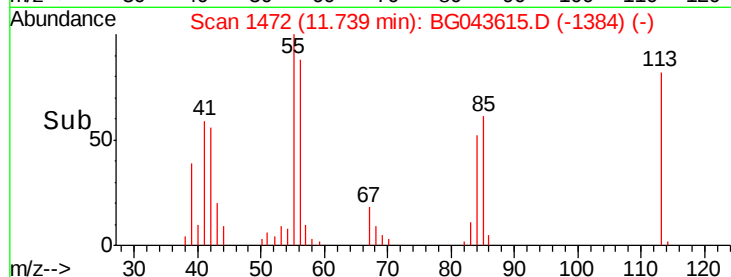
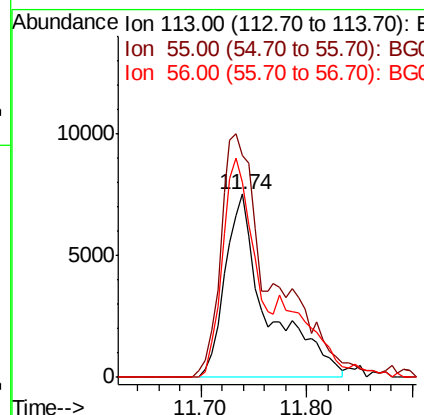
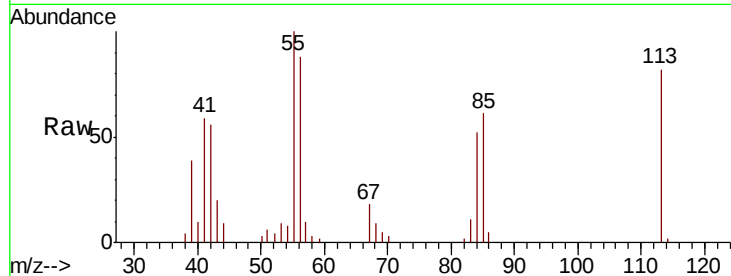
ClientSampleId :

PB124718BS

Tot Ion:	113	Resp:	21019
Ion Ratio	Lower	Upper	
113	100		
55	121.4	134.1	174.1#
56	106.3	100.4	140.4

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#36

4-Chloro-3-methylphenol

Concen: 40.722 ng

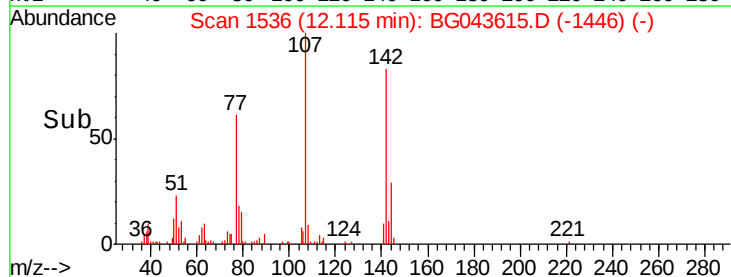
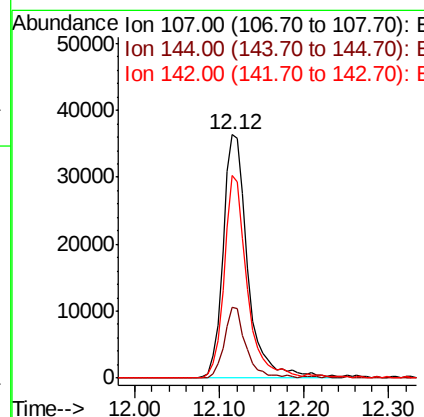
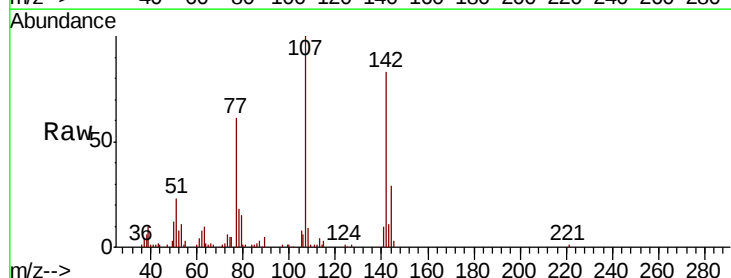
RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	107	Resp:	74053
Ion Ratio	Lower	Upper	
107	100		
144	29.1	20.9	31.3
142	83.4	59.6	89.4





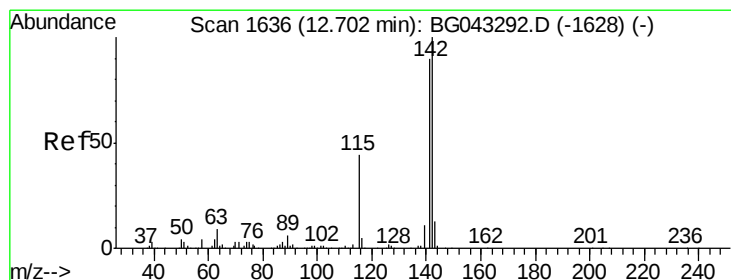
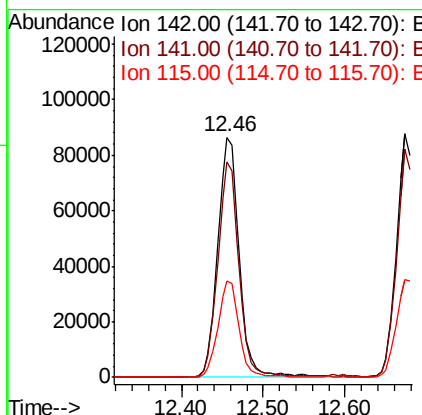
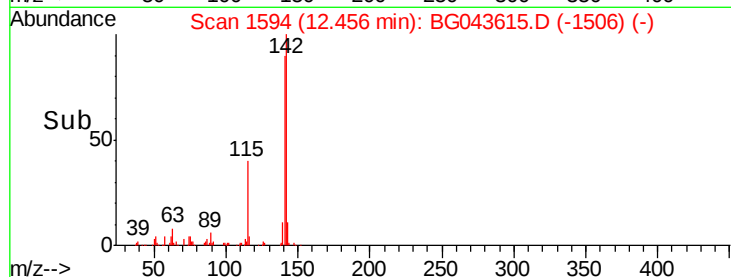
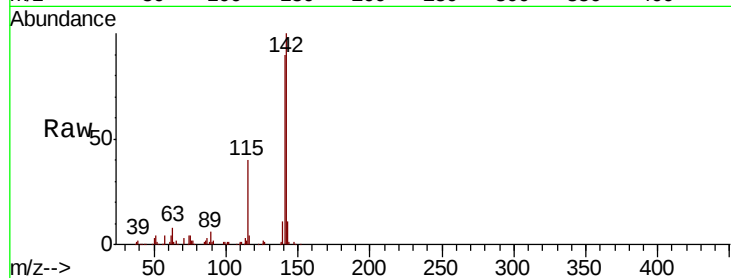
#37
2-Methylnaphthalene
Concen: 39.799 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2
115	40.2	33.2	49.8

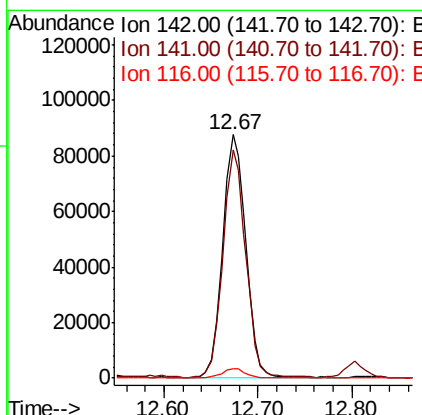
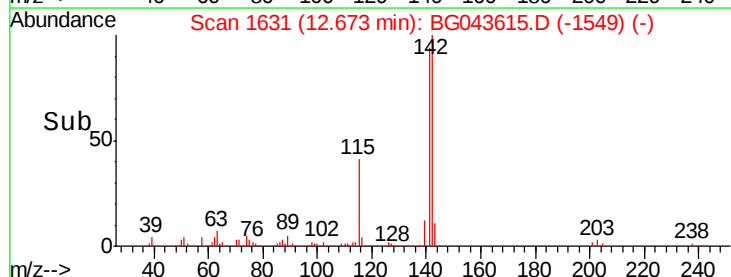
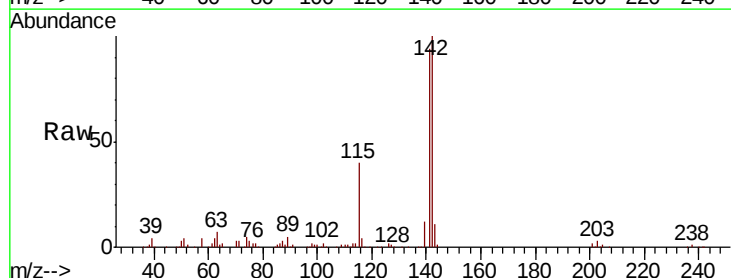
Manual Integrations
APPROVED

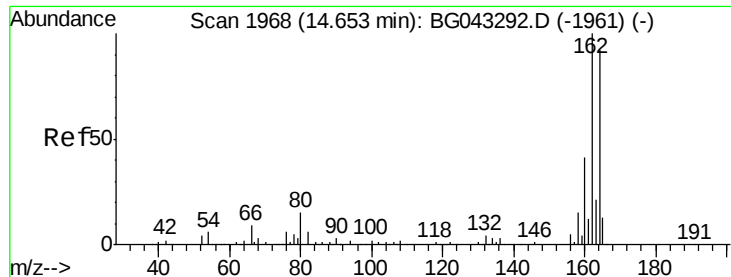
mohammad
11/14/2019 2:07:52 PM



#38
1-Methylnaphthalene
Concen: 40.076 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.2	109.8
116	3.9	3.6	5.4





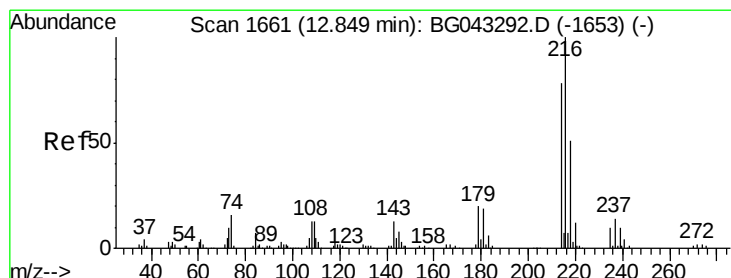
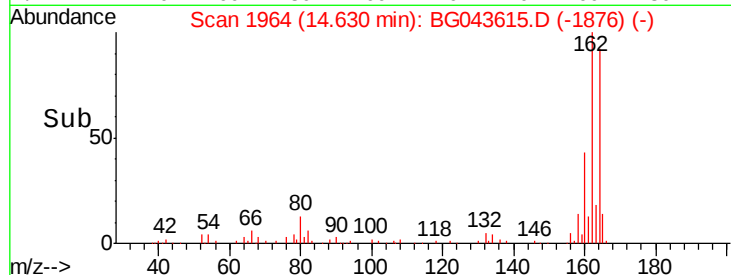
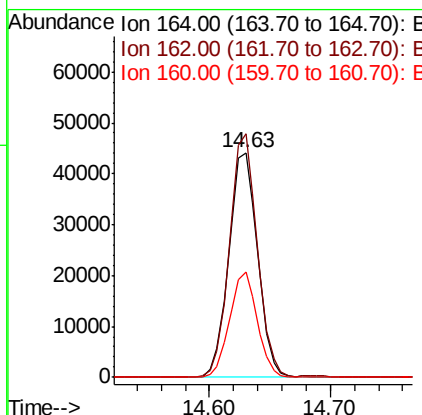
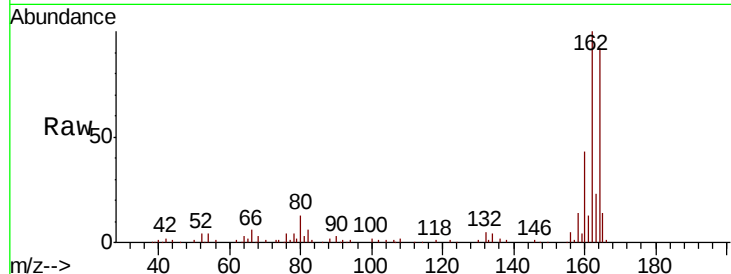
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.5	125.3
160	46.8	36.5	54.7

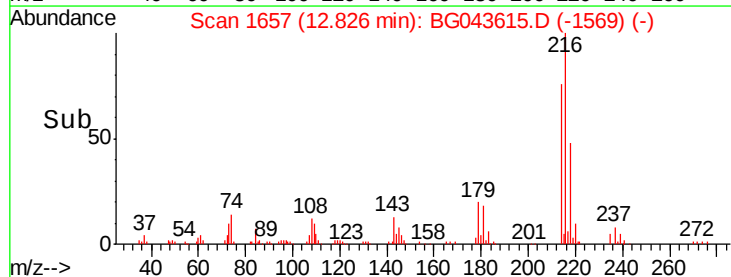
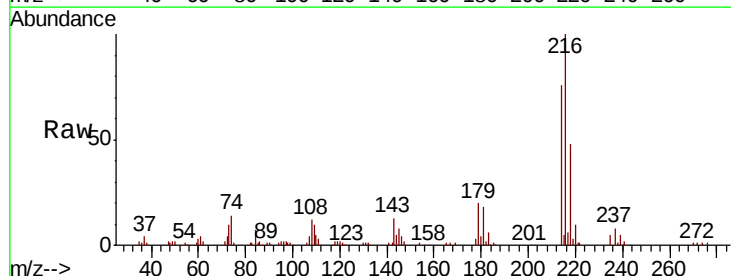
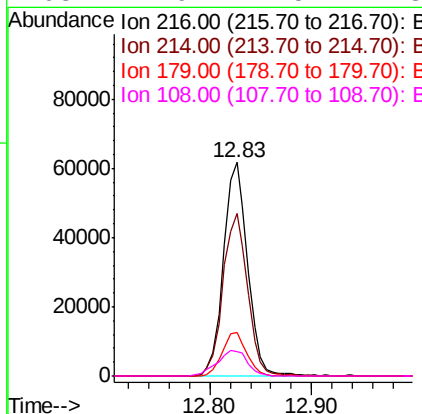
Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.488 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.7	92.5
179	20.6	15.8	23.8
108	14.9	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 55.973 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

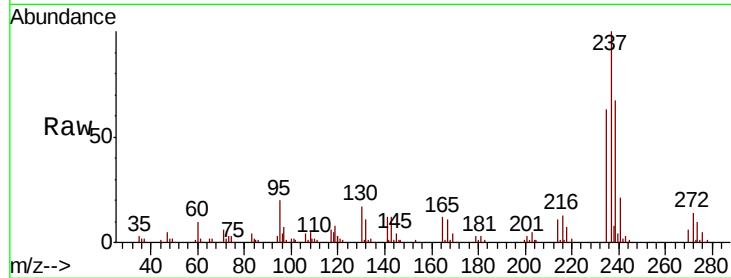
ClientSampleId :

PB124718BS

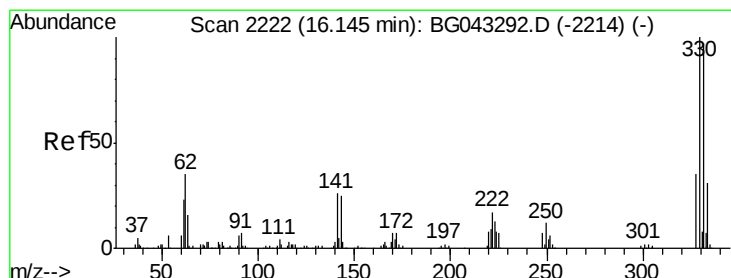
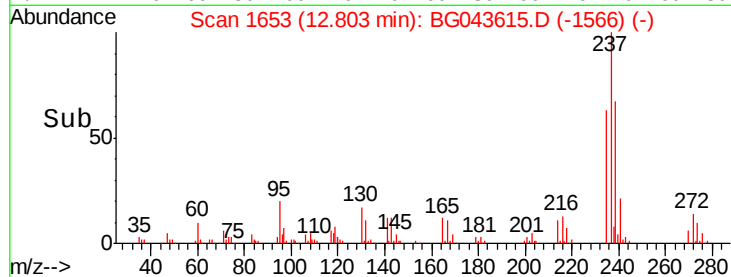
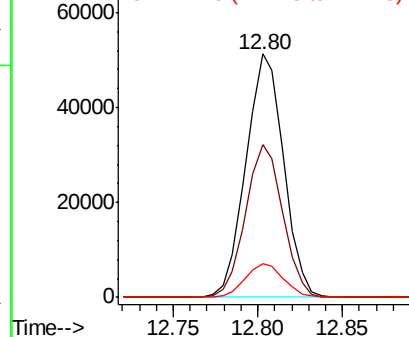
Tot Ion:	237	Resp:	79687
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.6	81.6
272	13.7	0.0	32.5

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 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: 98.616 ng

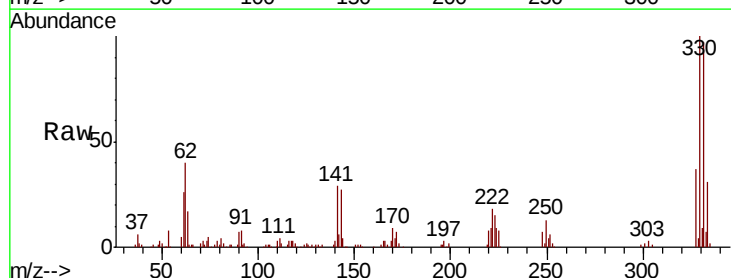
RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

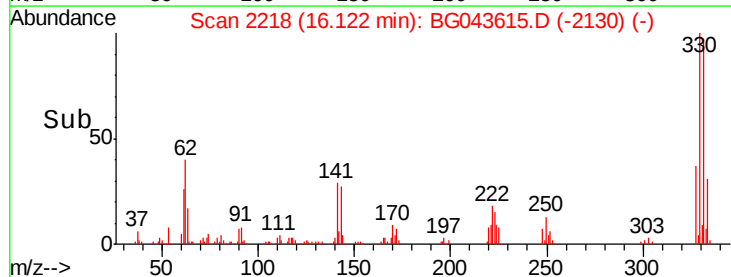
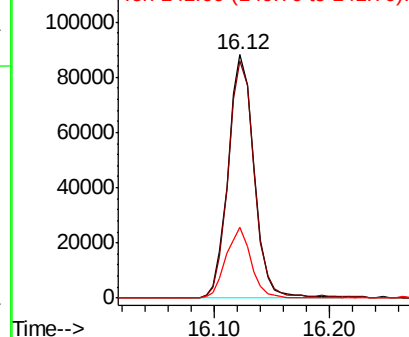
Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	330	Resp:	137430
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.0
141	28.1	22.8	34.2



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





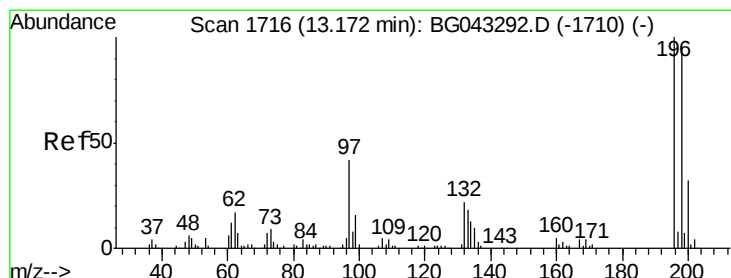
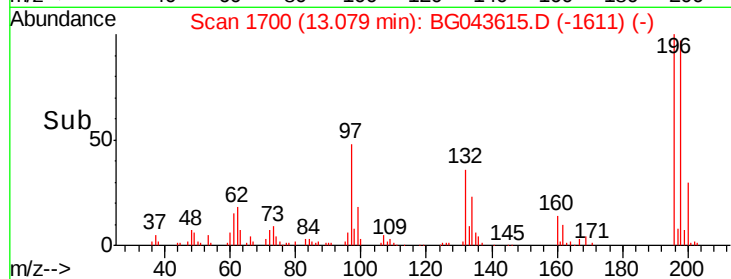
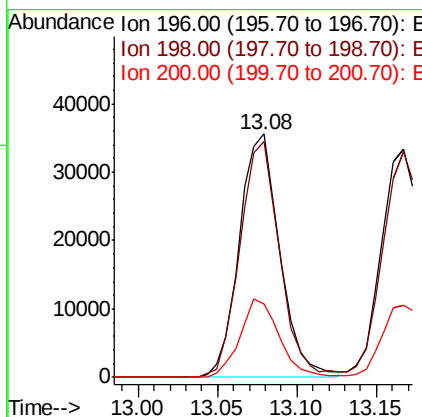
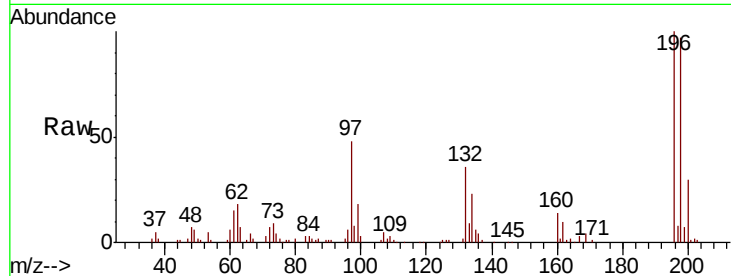
#43
 2,4,6-Trichlorophenol
 Concen: 39.535 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63099		
198	97.1	75.8	113.6	
200	30.2	23.9	35.9	

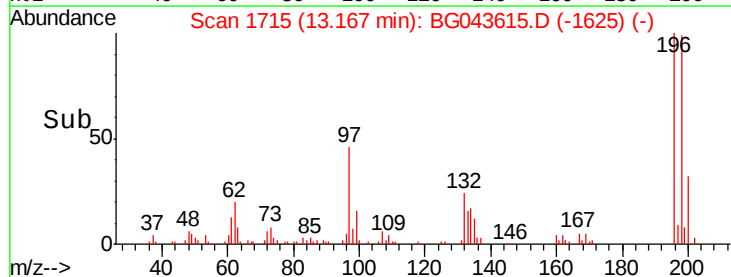
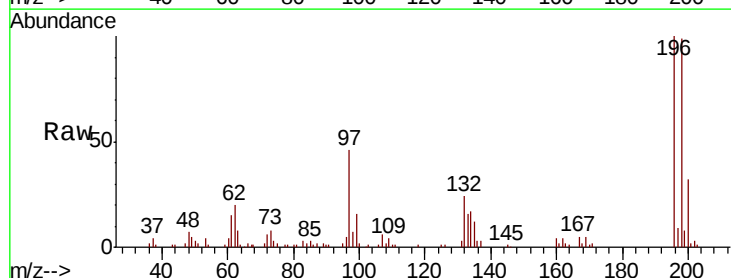
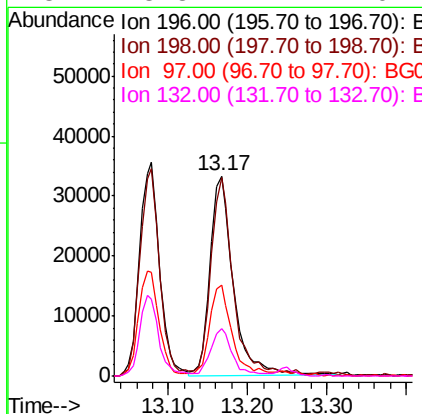
Manual Integrations
 APPROVED

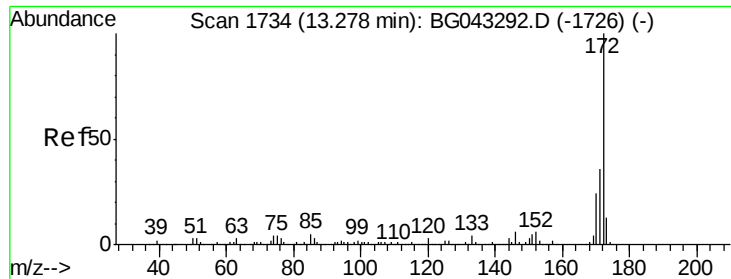
mohammad
 11/14/2019 2:07:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.123 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67968		
198	99.0	74.5	111.7	
97	45.6	36.3	54.5	
132	23.8	17.4	26.2	





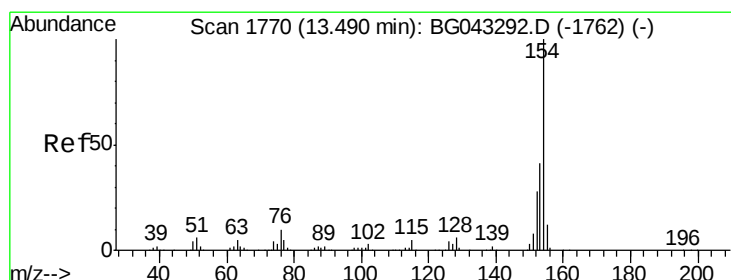
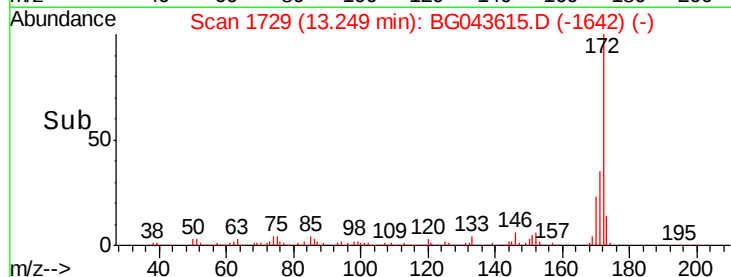
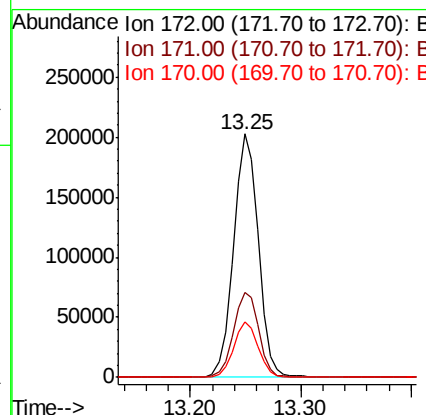
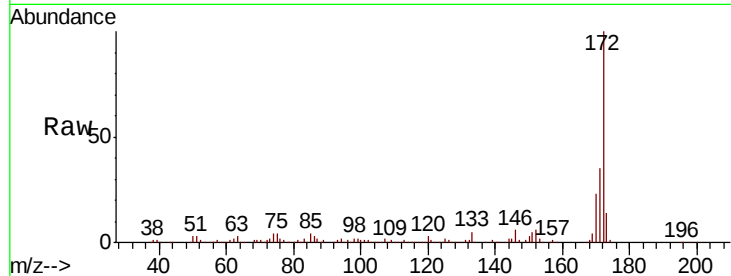
#45
2-Fluorobiphenyl
Concen: 60.227 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	22.6	18.5	27.7

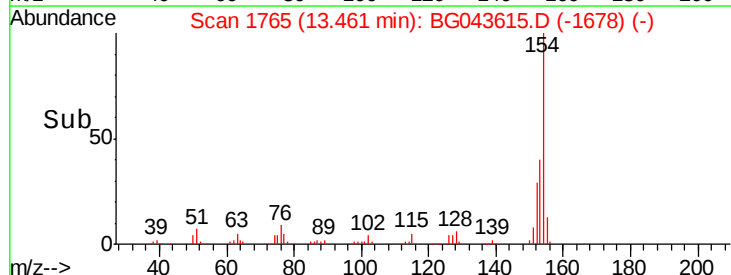
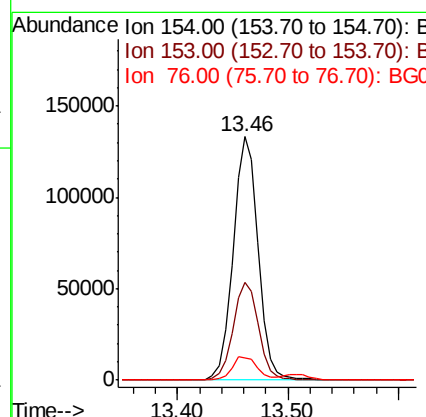
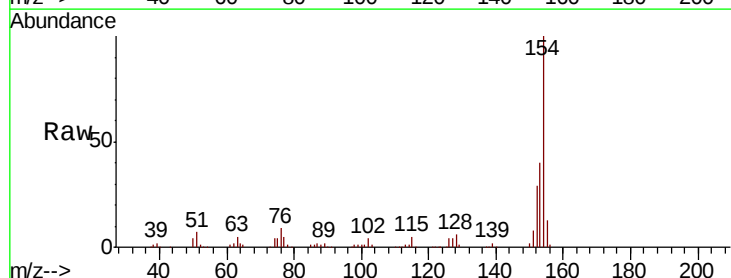
Manual Integrations
APPROVED

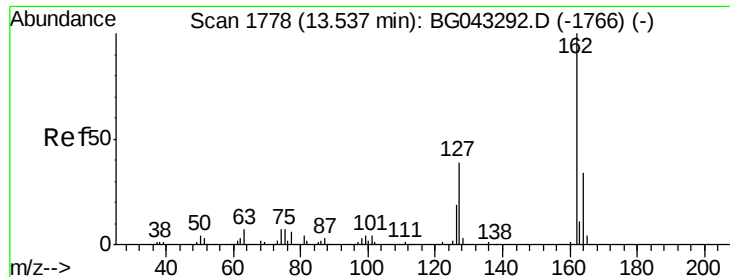
mohammad
11/14/2019 2:07:52 PM



#46
1,1'-Biphenyl
Concen: 37.712 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.9	59.9
76	9.3	0.0	29.4





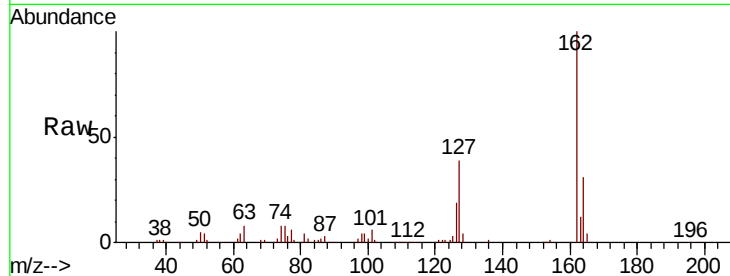
#47
2-Chloronaphthalene
Concen: 37.623 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.2	46.8
164	31.5	25.8	38.8

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

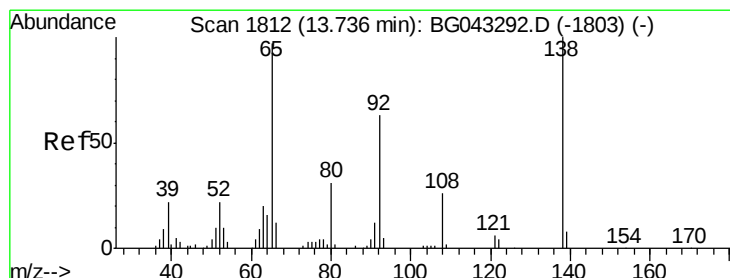
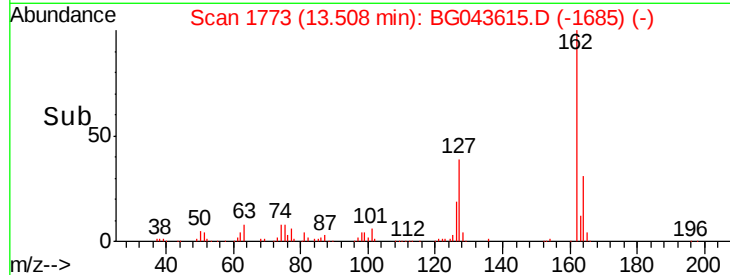
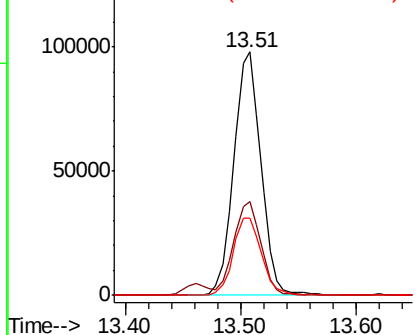


Abundance

Ion 162.00 (161.70 to 162.70): E

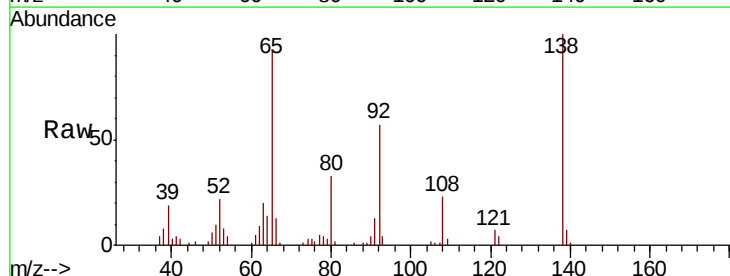
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.992 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	56.2	84.2
138	107.7	82.6	123.8

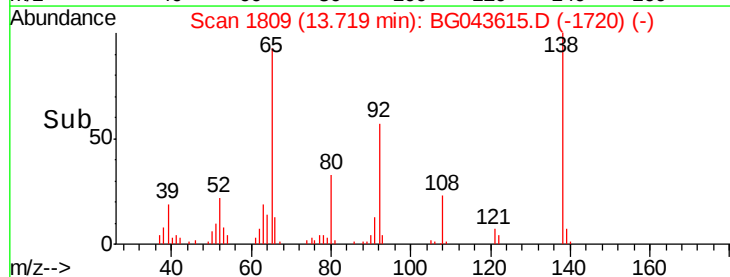
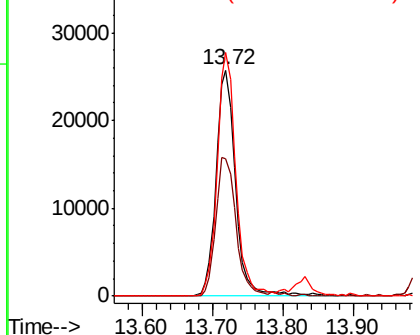


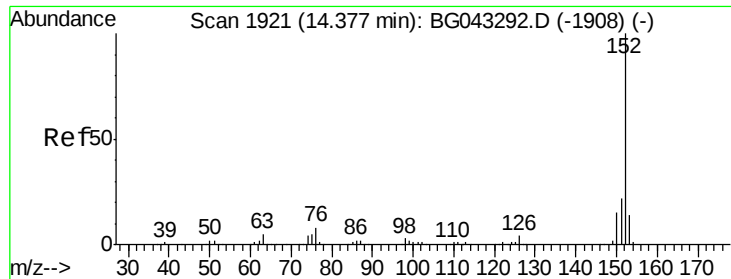
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.327 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

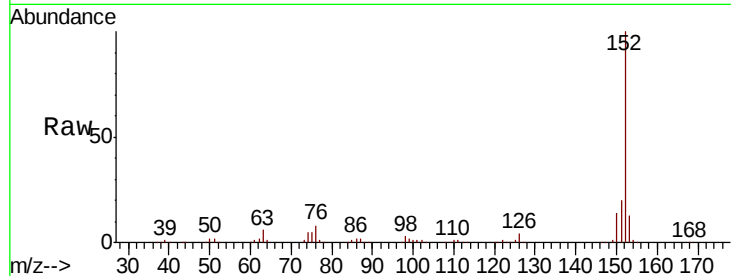
ClientSampleId :

PB124718BS

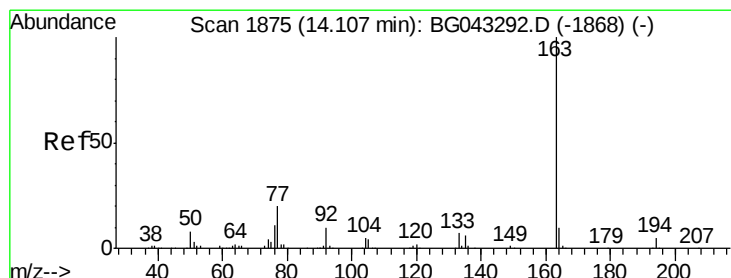
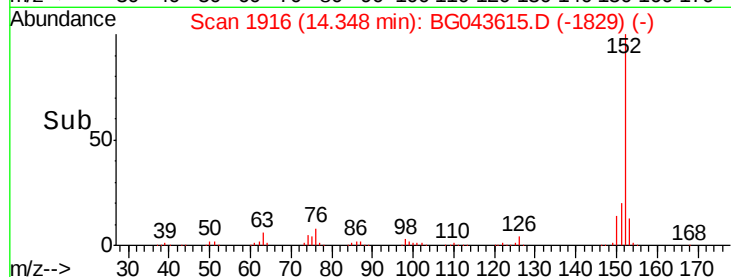
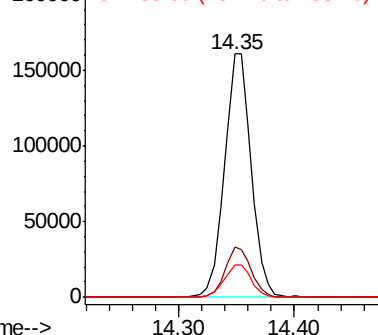
Tot Ion:	152	Resp:	259443
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	13.1	10.6	15.8

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.179 ng

RT: 14.08 min Scan# 1871

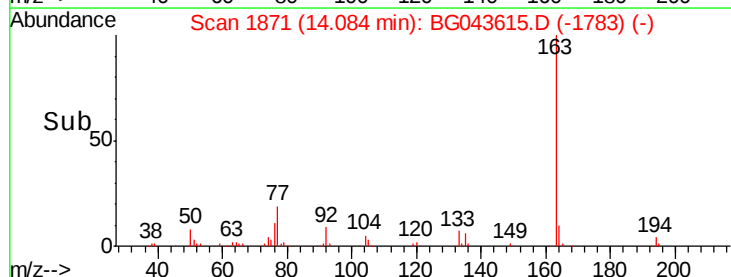
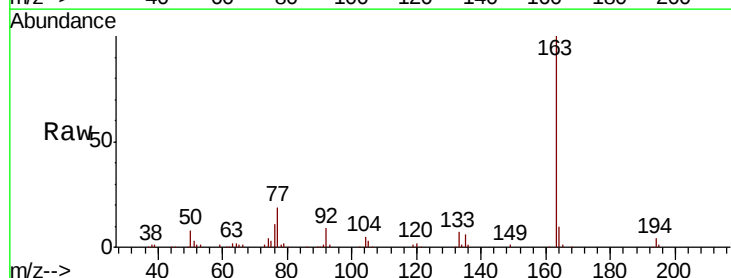
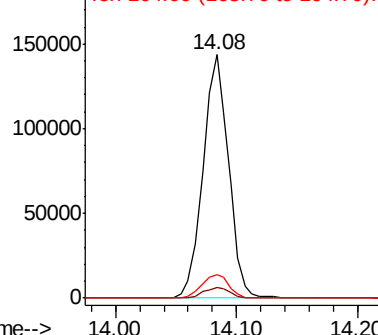
Delta R.T. -0.01 min

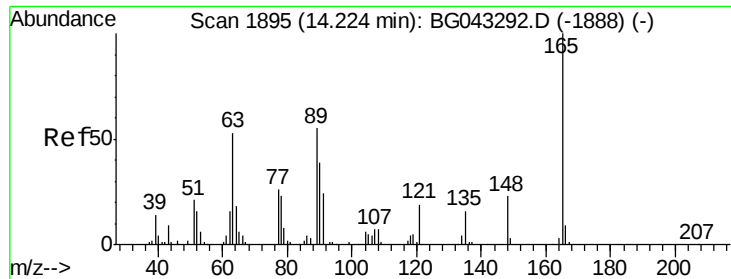
Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	163	Resp:	210889
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	9.9	8.9	13.3

Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.790 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

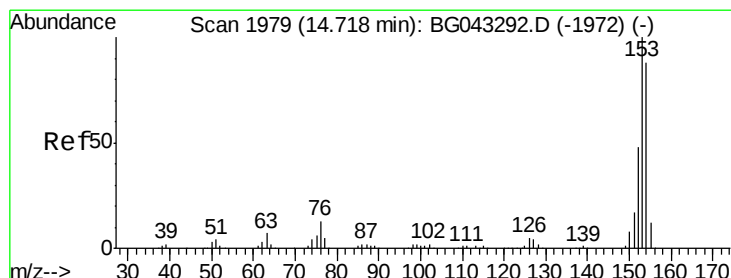
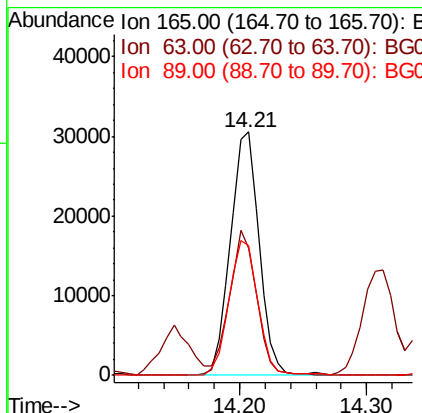
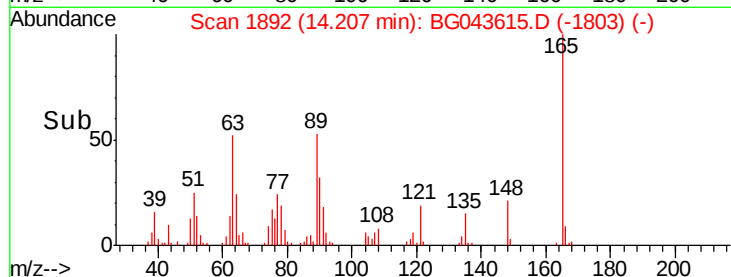
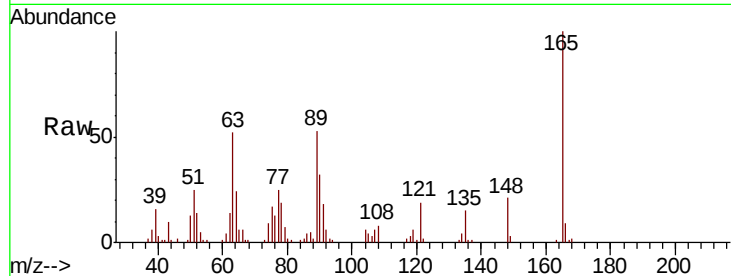
ClientSampleId :

PB124718BS

Tot Ion:	165	Resp:	47800
Ion Ratio	Lower	Upper	
165	100		
63	52.2	46.6	69.8
89	53.3	45.1	67.7

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#52

Acenaphthene

Concen: 38.502 ng

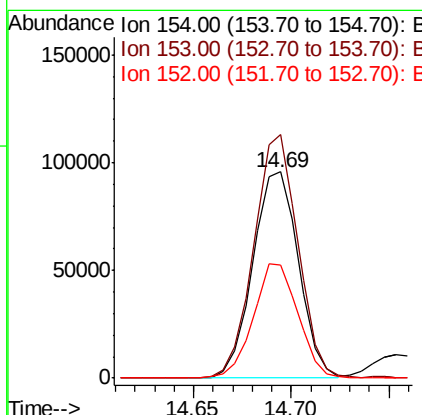
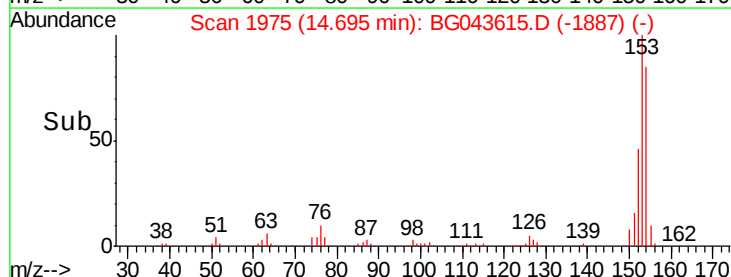
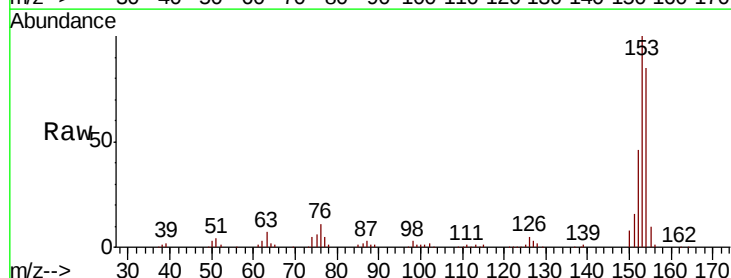
RT: 14.69 min Scan# 1975

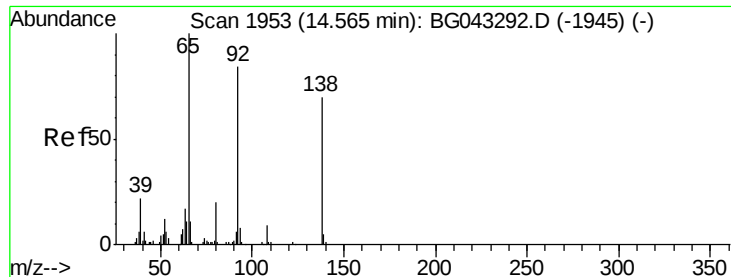
Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	154	Resp:	154898
Ion Ratio	Lower	Upper	
154	100		
153	117.9	88.2	132.2
152	54.5	40.0	60.0





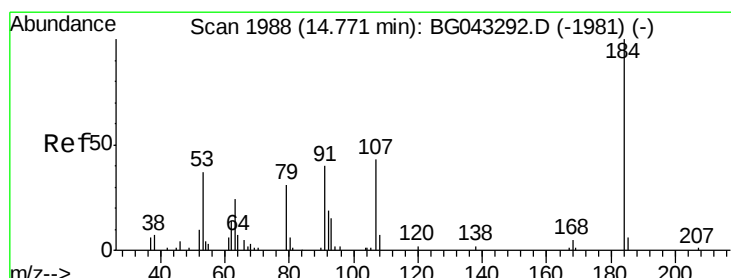
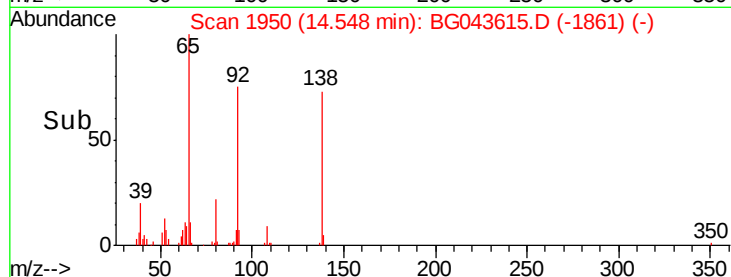
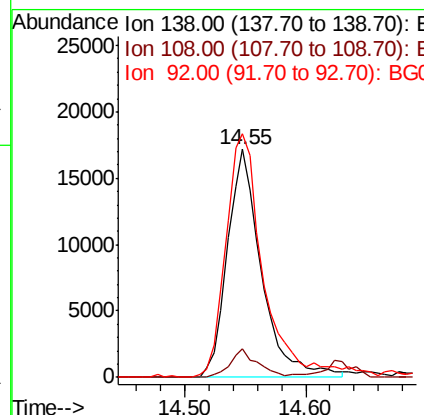
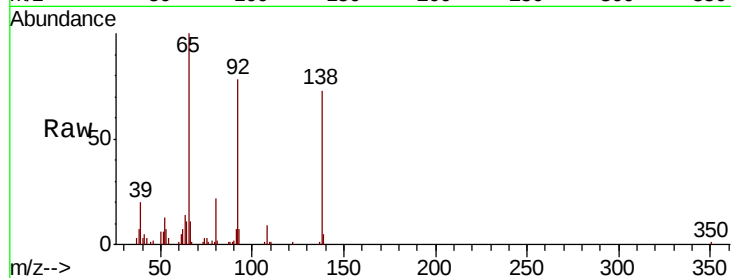
#53
3-Nitroaniline
Concen: 28.205 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.0	12.0
92	106.8	90.9	136.3

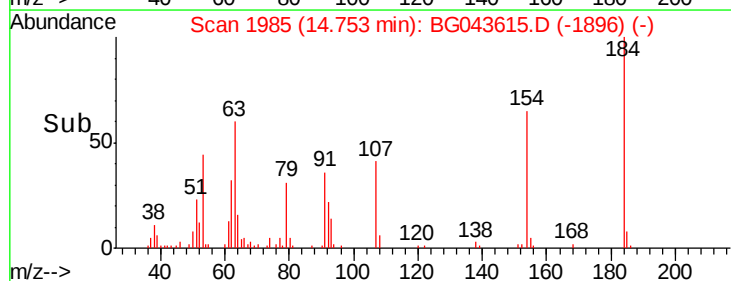
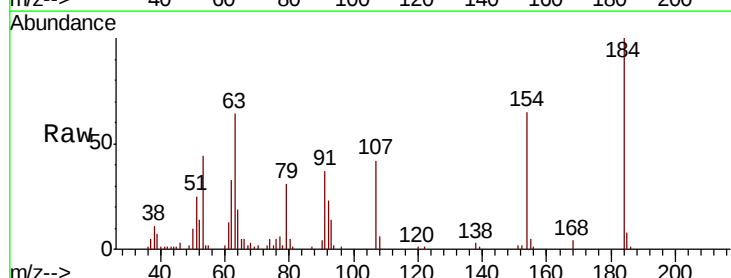
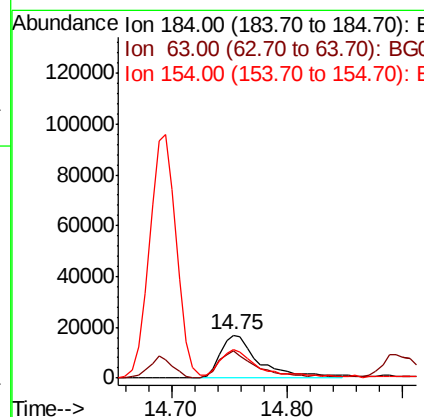
Manual Integrations
APPROVED

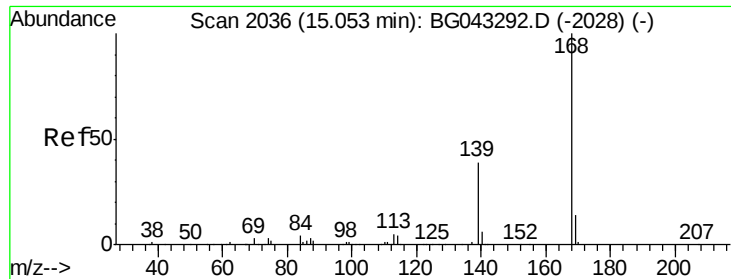
mohammad
11/14/2019 2:07:52 PM



#54
2,4-Dinitrophenol
Concen: 53.773 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	51.3	76.9
154	65.0	55.4	83.0





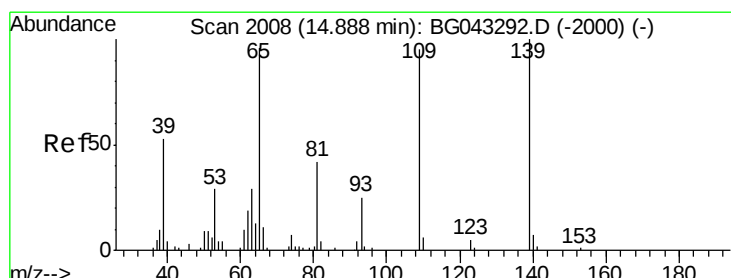
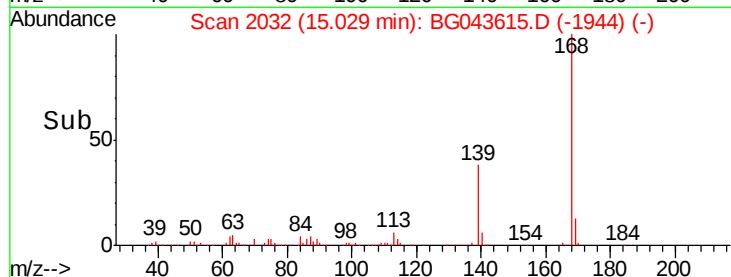
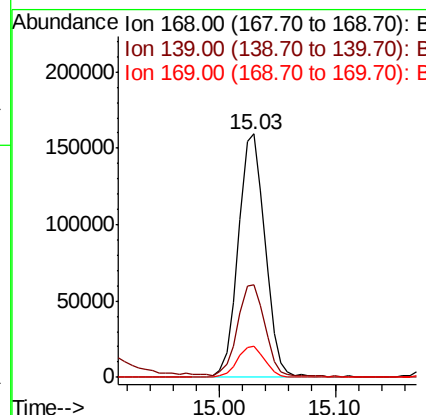
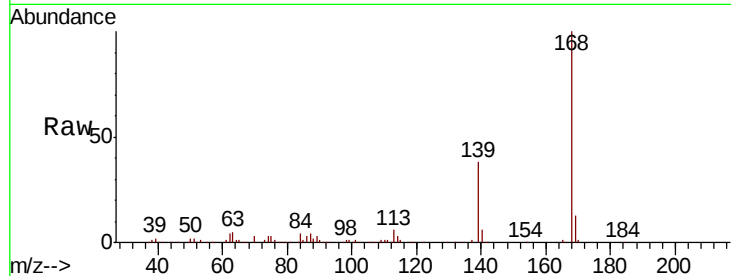
#55
Dibenzofuran
Concen: 39.340 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.0	46.6
169	13.0	11.7	17.5

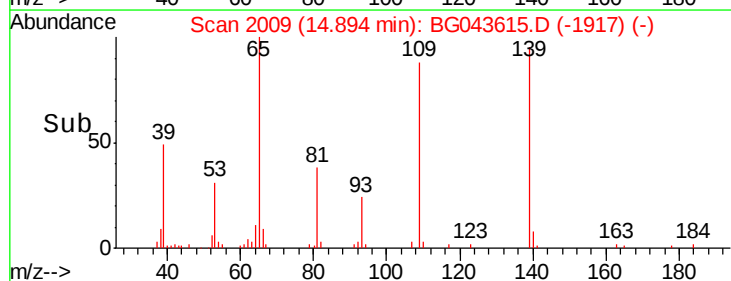
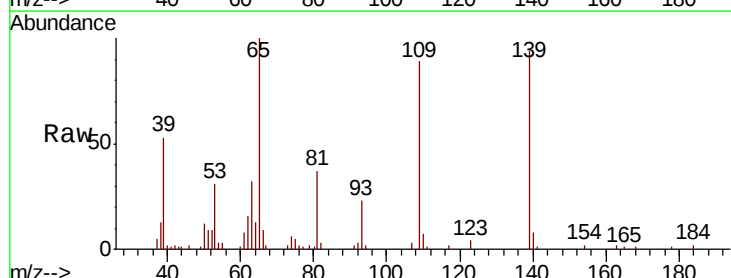
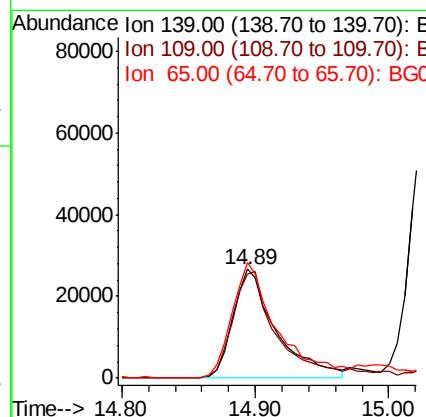
Manual Integrations
APPROVED

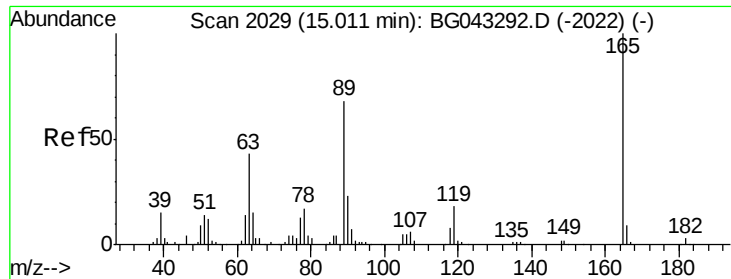
mohammad
11/14/2019 2:07:52 PM



#56
4-Nitrophenol
Concen: 75.624 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	87.2	127.2
65	106.6	83.8	123.8





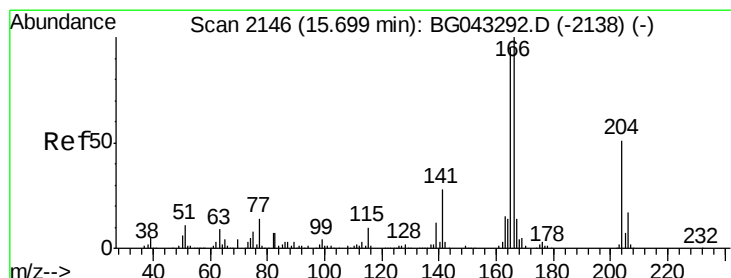
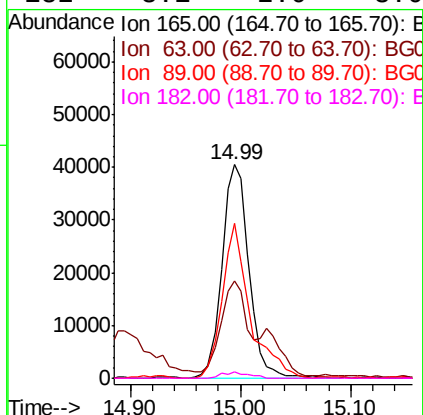
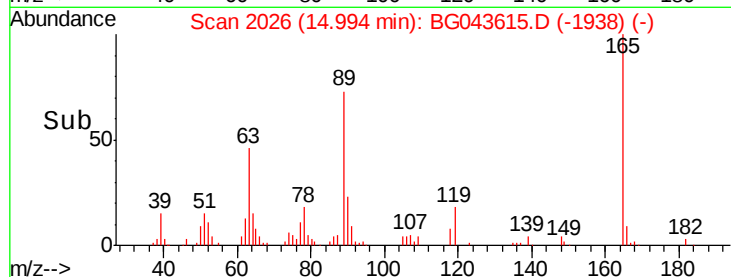
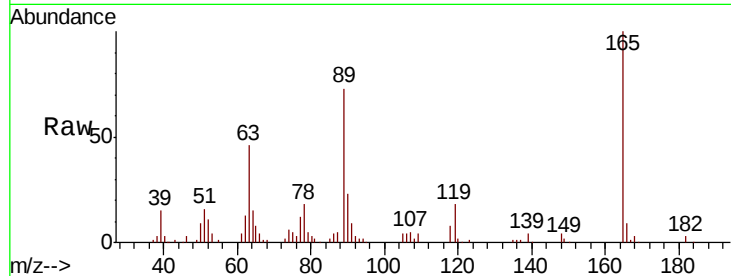
#57
2,4-Dinitrotoluene
Concen: 39.187 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.6	33.2	49.8
89	72.5	52.2	78.4
182	3.1	2.0	3.0#

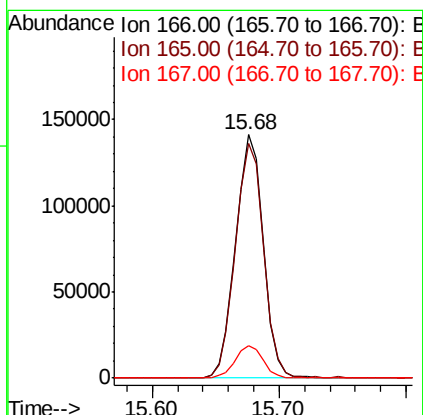
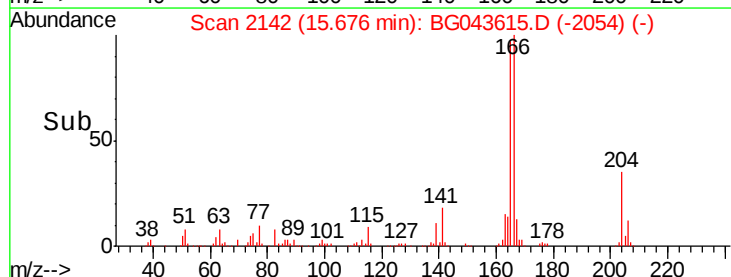
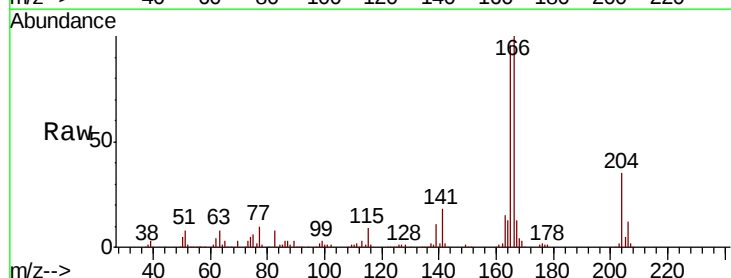
Manual Integrations
APPROVED

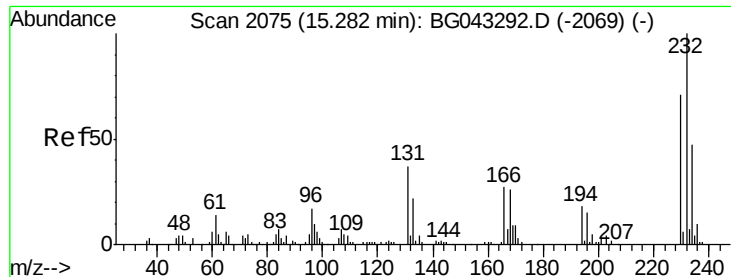
mohammad
11/14/2019 2:07:52 PM



#58
Fluorene
Concen: 38.970 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.2	79.0	118.6
167	13.4	10.5	15.7





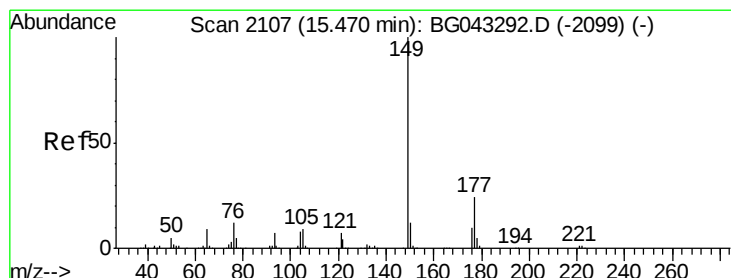
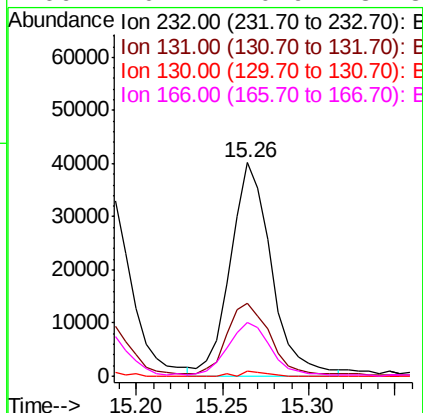
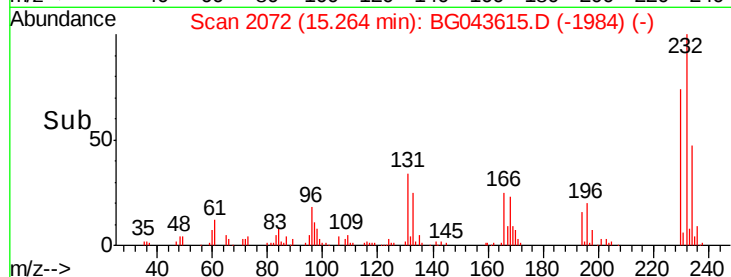
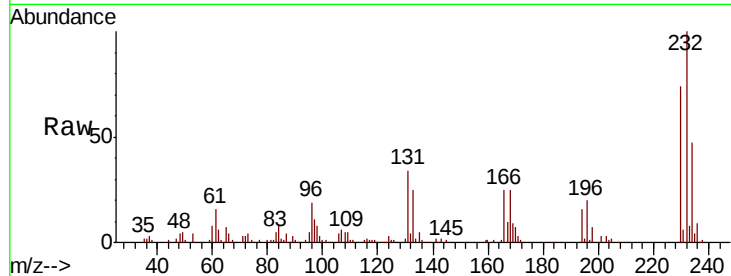
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.721 ng m
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	66381		
131	29.5		26.9	40.3
130	2.0		1.8	2.6
166	20.1		20.9	31.3#

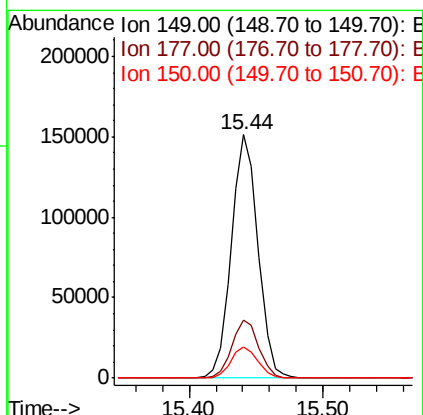
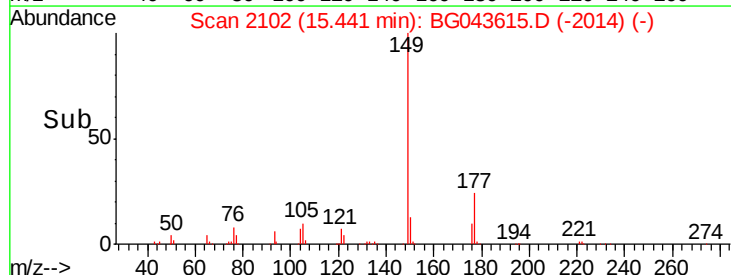
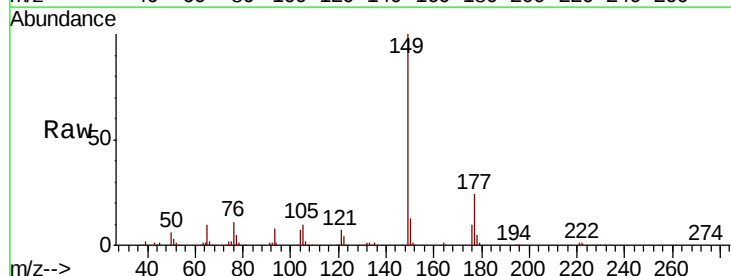
Manual Integrations
 APPROVED

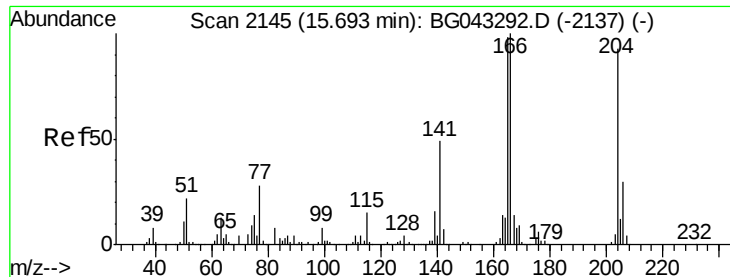
mohammad
 11/14/2019 2:07:52 PM



#60
 Diethylphthalate
 Concen: 36.844 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	209990		
177	23.7		19.6	29.4
150	12.9		10.8	16.2





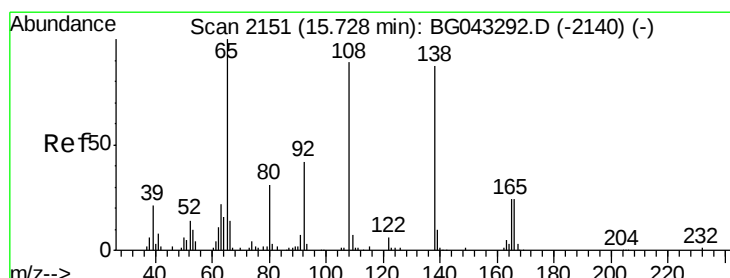
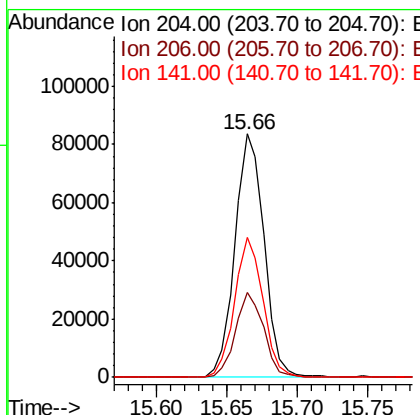
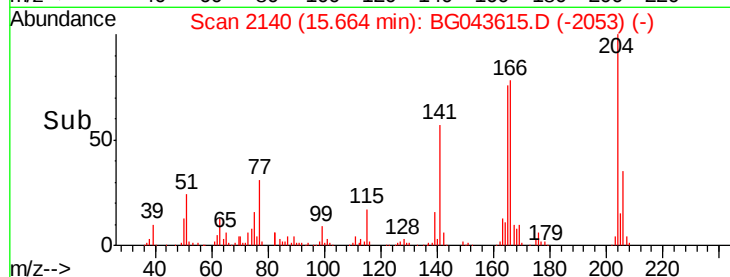
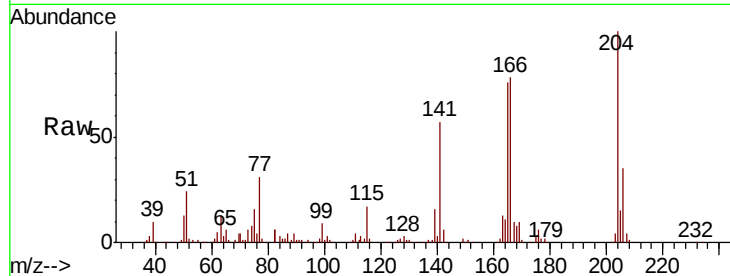
#61
 4-Chlorophenyl-phenylether
 Concen: 37.714 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleID :
 PB124718BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.4	42.6
141	57.3	43.0	64.6

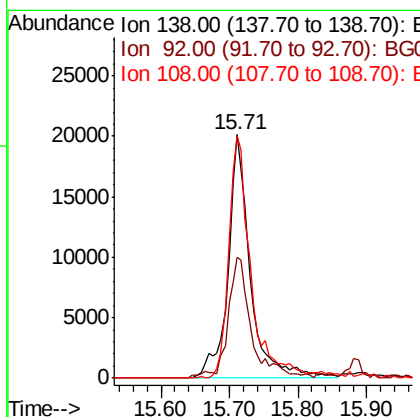
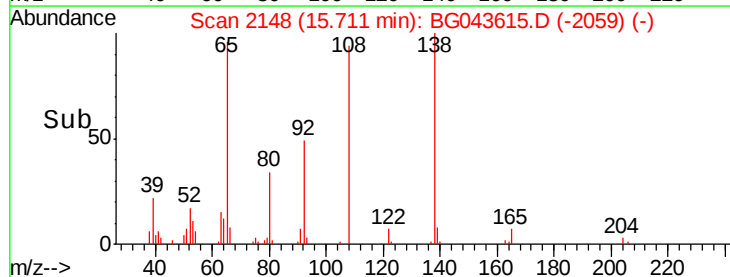
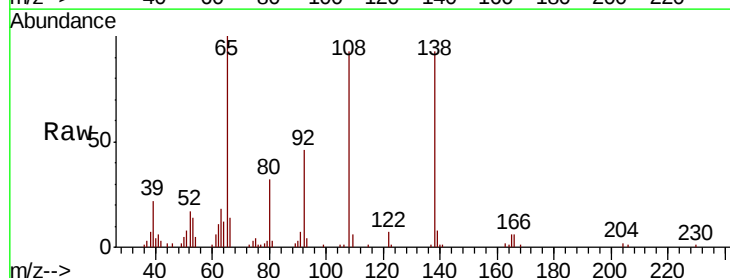
Manual Integrations
 APPROVED

mohammad
 11/14/2019 2:07:52 PM



#62
 4-Nitroaniline
 Concen: 36.958 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.4	73.4
108	99.6	78.0	118.0





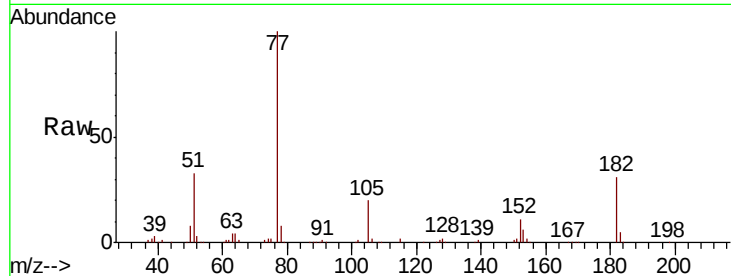
#63
Azobenzene
Concen: 38.652 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

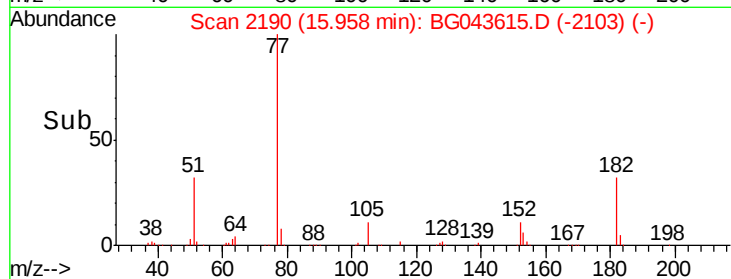
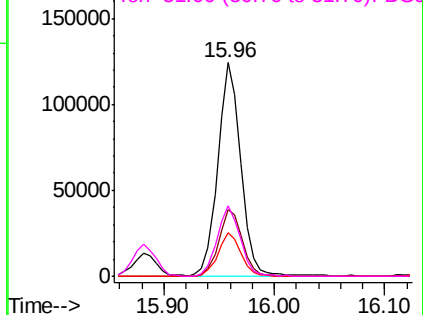
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.0	13.7	53.7
105	20.2	0.4	40.4
51	33.2	11.0	51.0

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



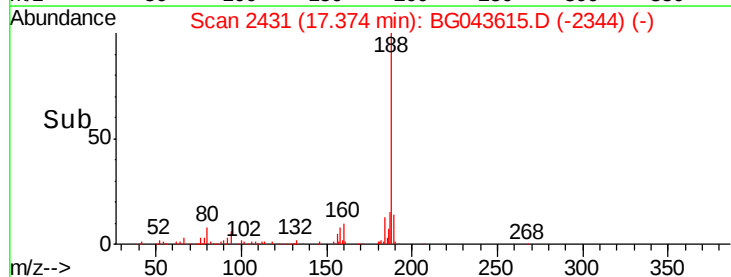
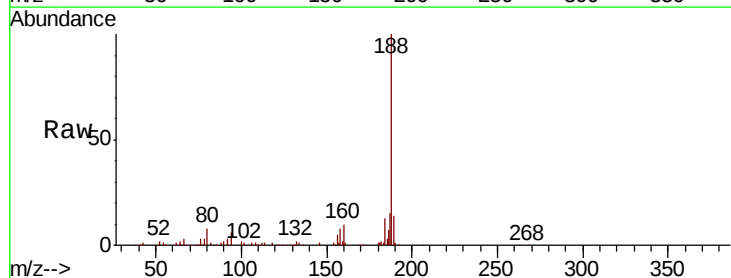
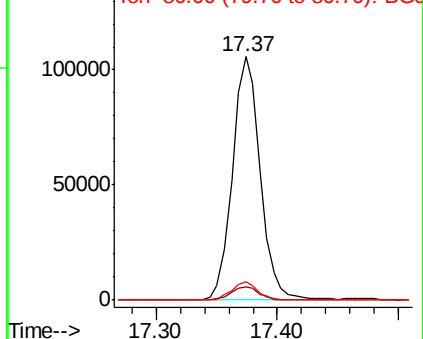
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

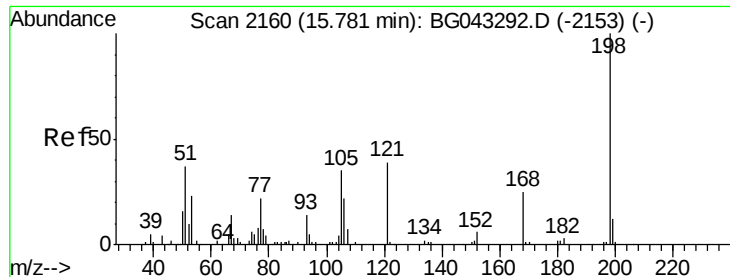


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	7.6	4.5	6.7#

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: 37.402 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

ClientSampleId :

PB124718BS

Tot Ion:198 Resp: 37400

Ion Ratio Lower Upper

198 100

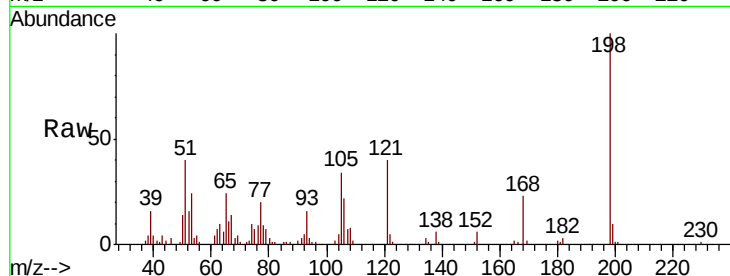
51 40.1 13.2 53.2

105 33.7 15.8 55.8

Manual Integrations
APPROVED

mohammad

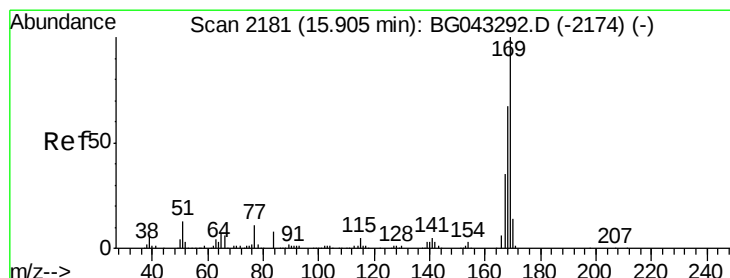
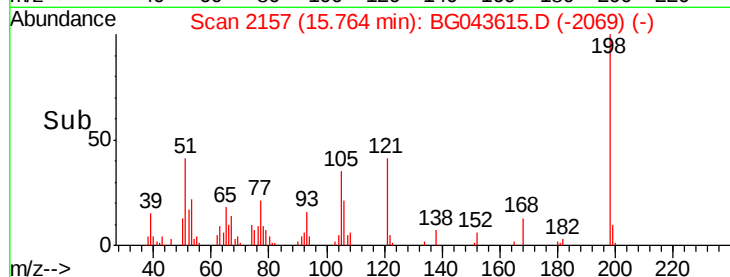
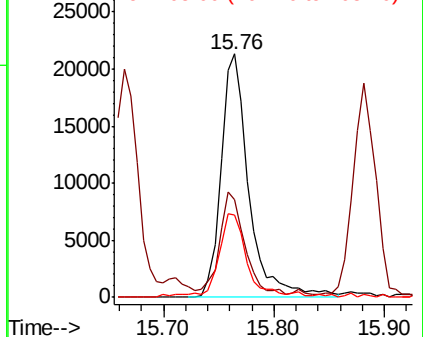
11/14/2019 2:07:52 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.028 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

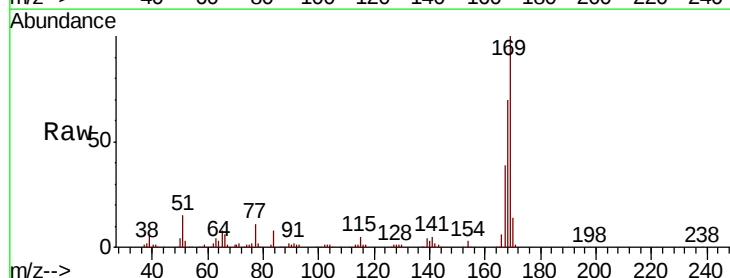
Tgt Ion:169 Resp: 187222

Ion Ratio Lower Upper

169 100

168 69.6 53.8 80.6

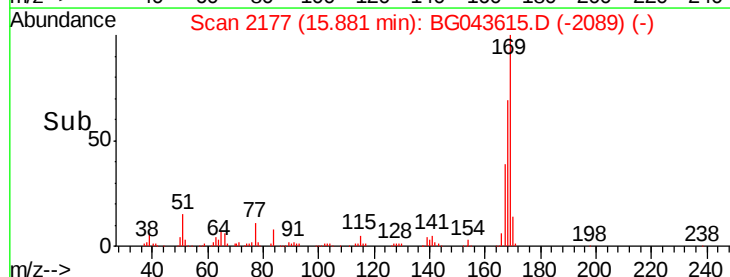
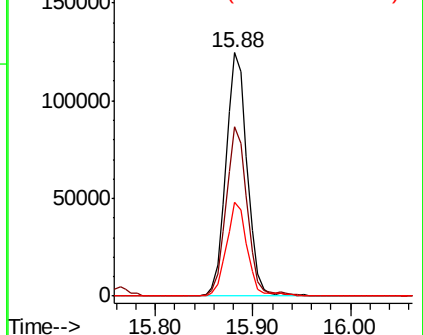
167 38.5 27.5 41.3

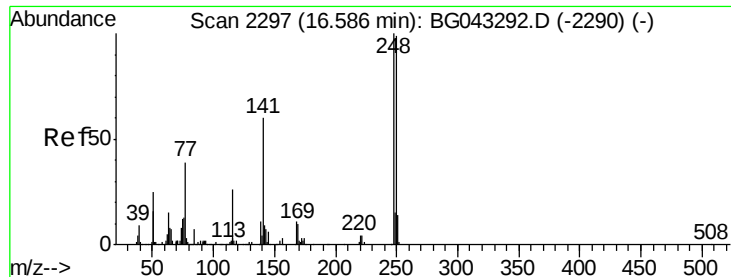


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.170 ng

RT: 16.56 min Scan# 2292

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

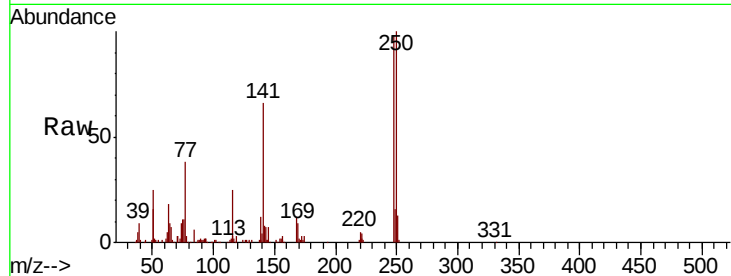
ClientSampleId :

PB124718BS

Tot Ion:	248	Resp:	84997
Ion	Ratio	Lower	Upper
248	100		
250	102.5	77.0	115.4
141	67.7	47.5	71.3

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

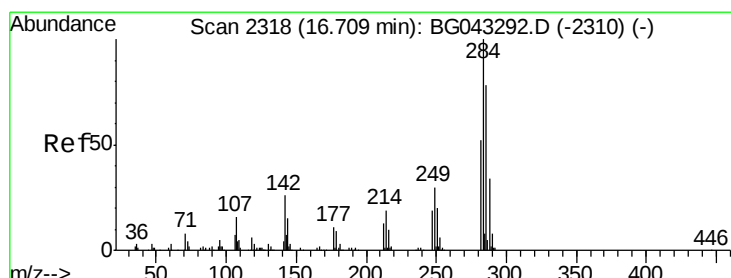
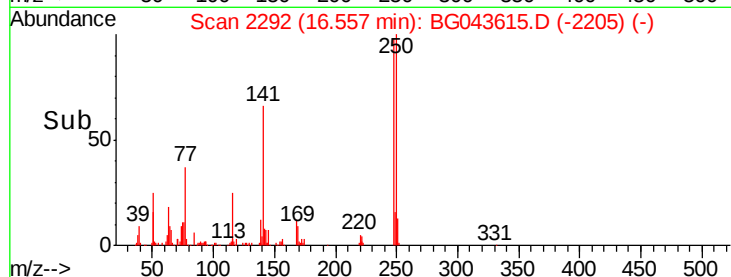
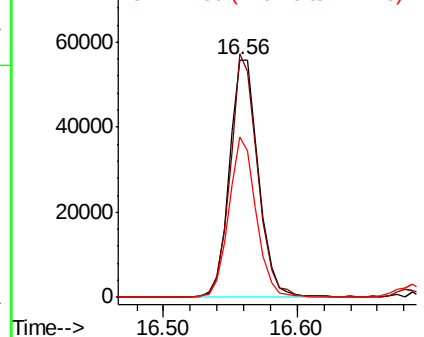


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 35.950 ng

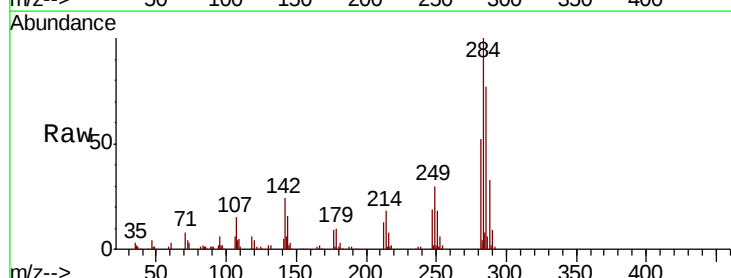
RT: 16.69 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	284	Resp:	94362
Ion	Ratio	Lower	Upper
284	100		
142	24.4	19.8	29.8
249	29.9	23.8	35.6

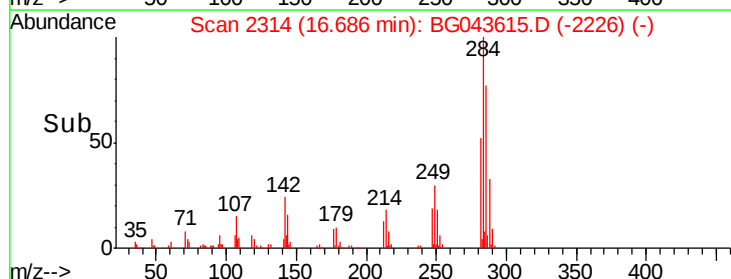
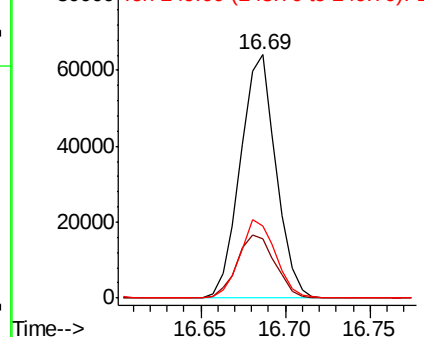


Abundance

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





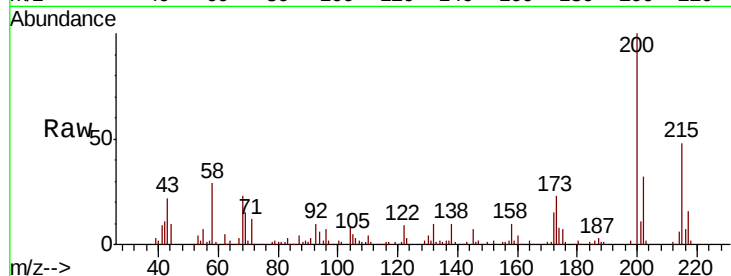
#69
Atrazine
Concen: 48.279 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

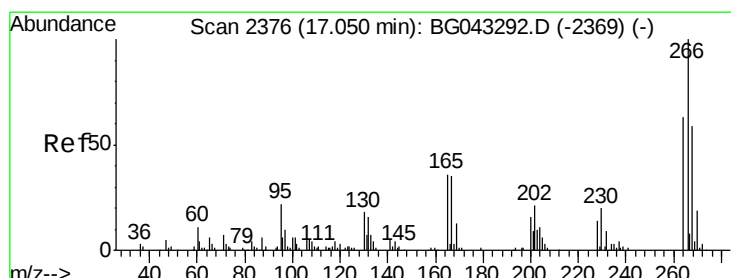
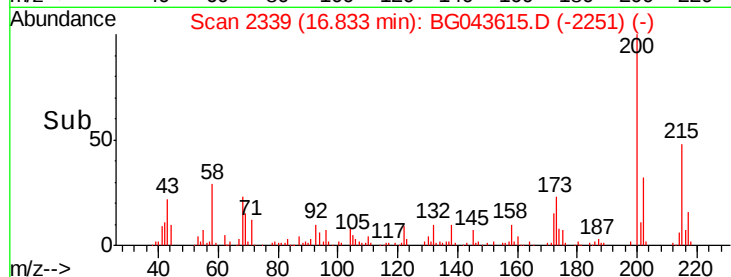
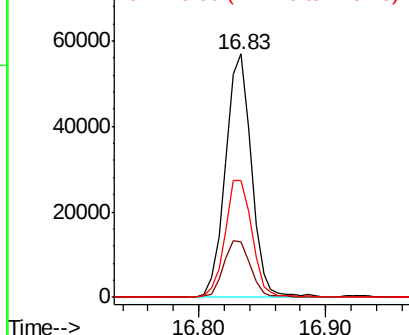
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.7	44.7
215	47.9	28.5	68.5

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

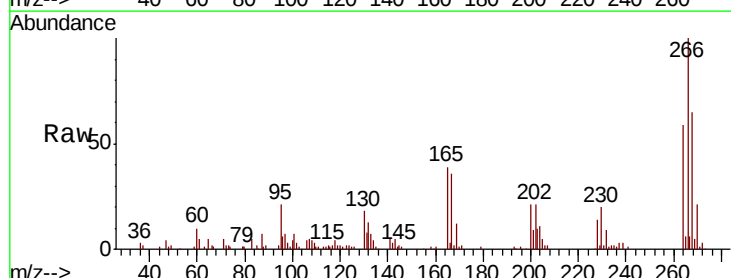


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

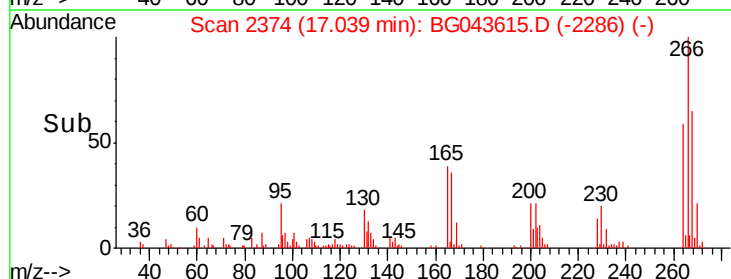
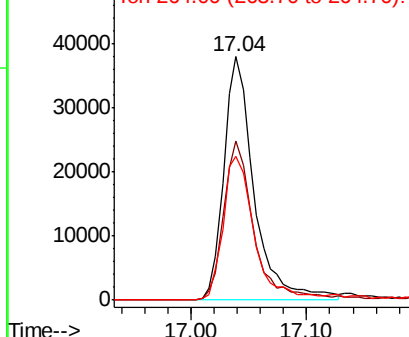


#70
Pentachlorophenol
Concen: 57.609 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.4	75.6
264	59.2	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.960 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

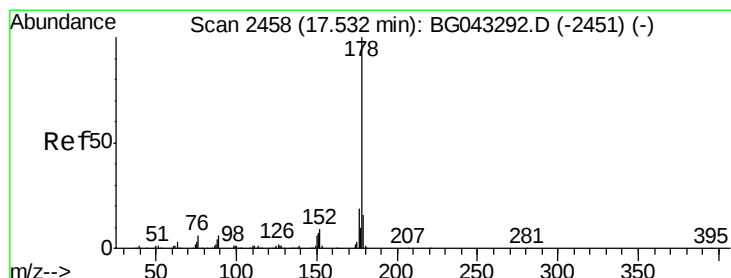
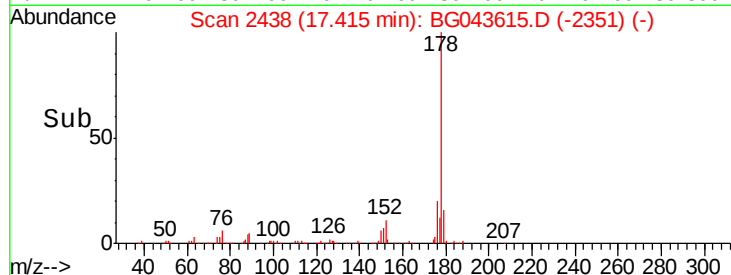
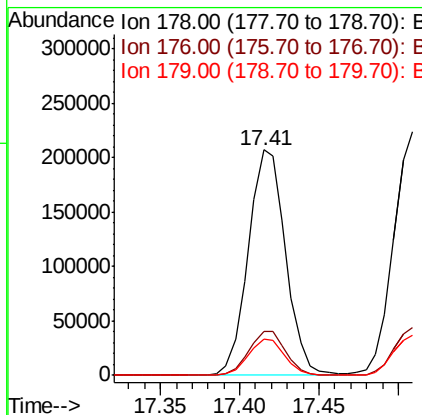
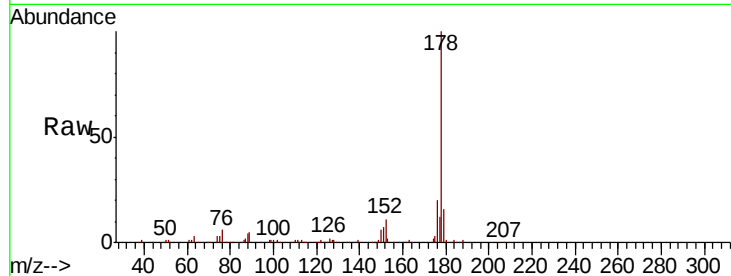
ClientSampleId :

PB124718BS

Tot Ion:178	Resp:	338988
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.4 23.0
179	16.2	13.0 19.6

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#72

Anthracene

Concen: 40.146 ng

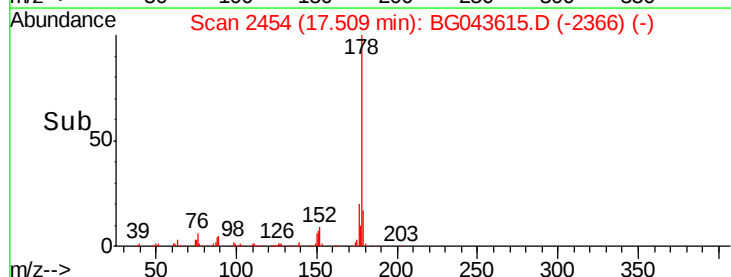
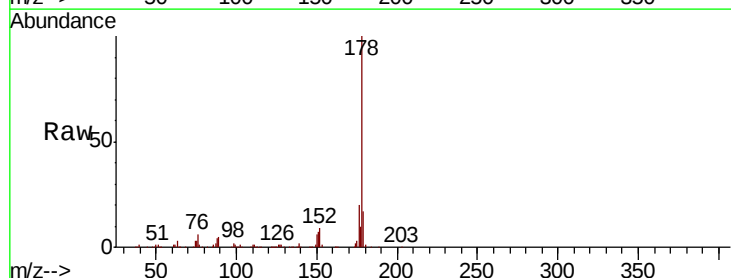
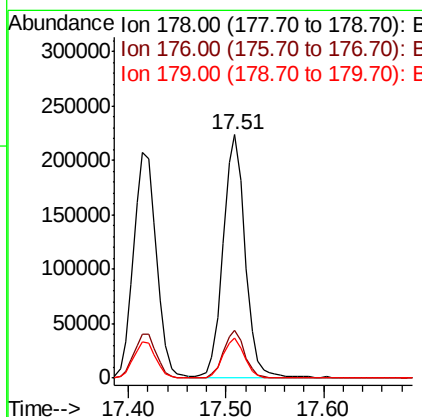
RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:178	Resp:	349494
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.5 23.3
179	16.7	13.7 20.5





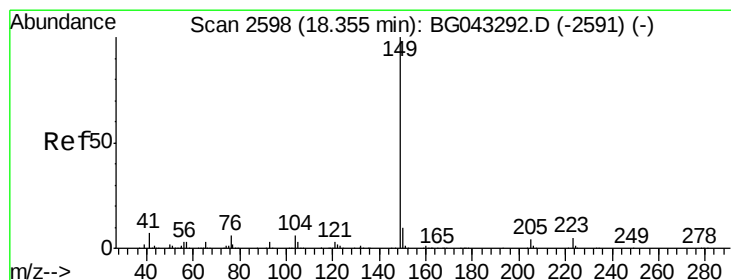
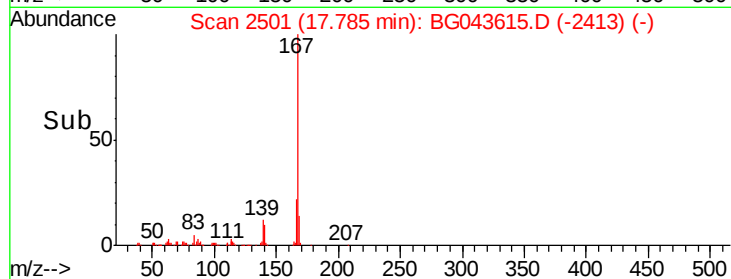
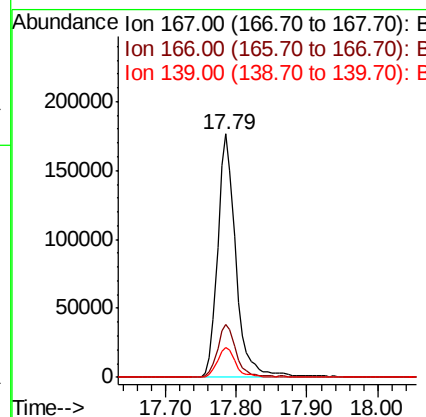
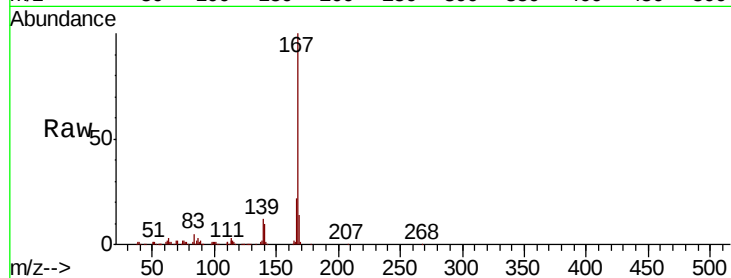
#73
 Carbazole
 Concen: 40.380 ng
 RT: 17.79 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.7	28.1
139	12.4	10.0	15.0

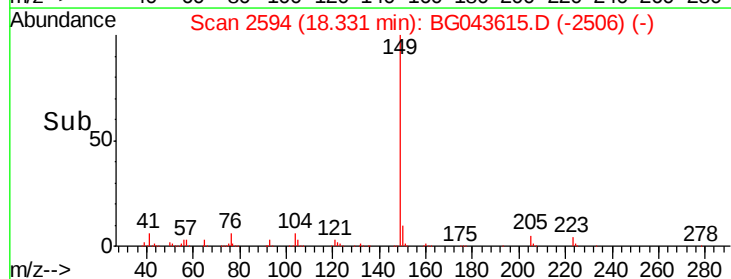
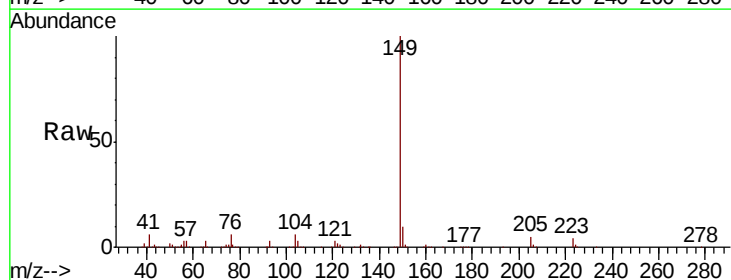
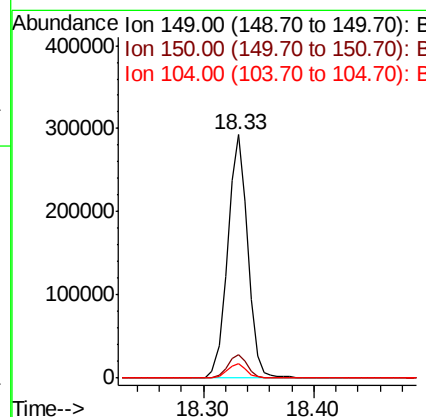
Manual Integrations
 APPROVED

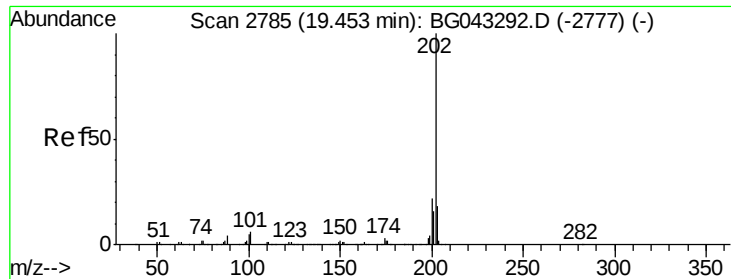
mohammad
 11/14/2019 2:07:52 PM



#74
 Di-n-butylphthalate
 Concen: 38.937 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 39.991 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

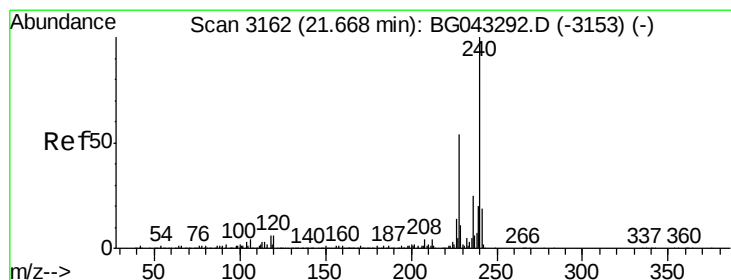
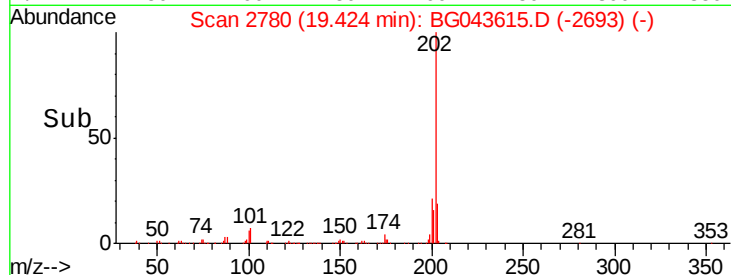
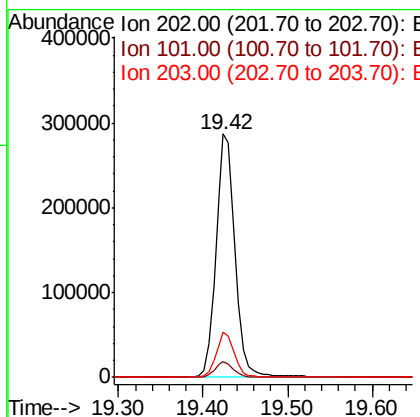
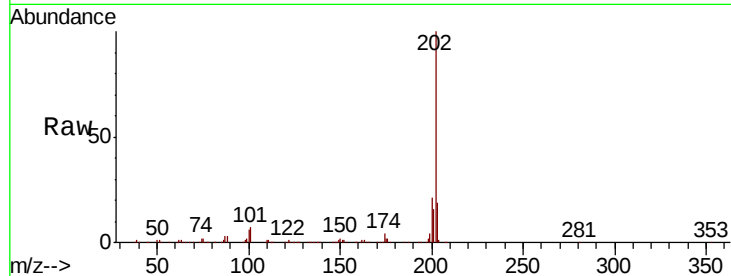
ClientSampleId :

PB124718BS

Tot Ion:	202	Resp:	453631
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.3
203	18.6	0.0	37.9

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#76

Chrysene-d12

Concen: 20.000 ng

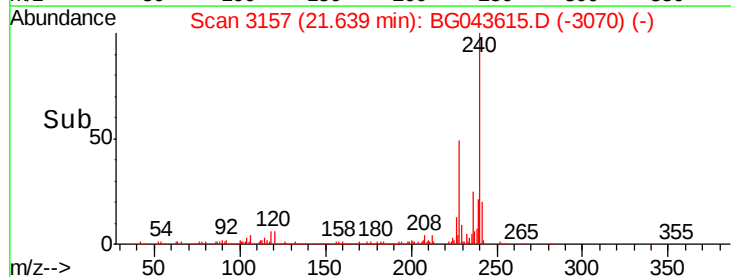
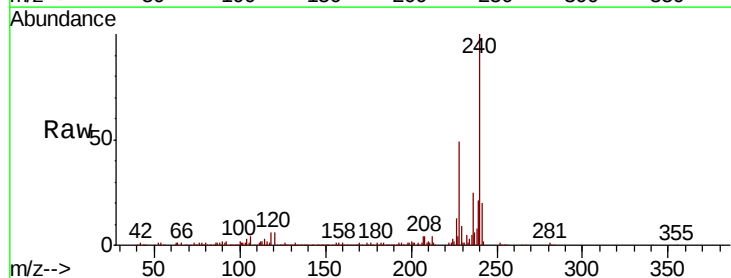
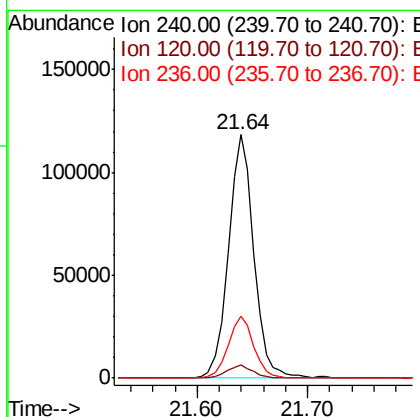
RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	240	Resp:	190161
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.6	6.8
236	25.2	19.8	29.8





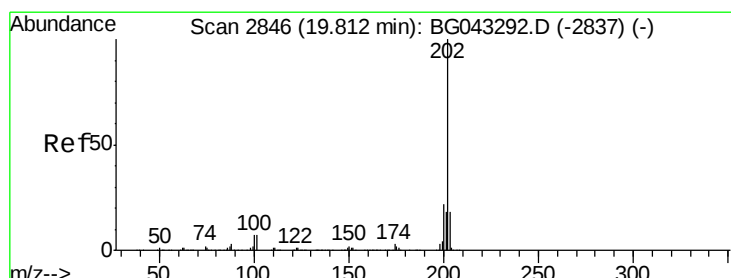
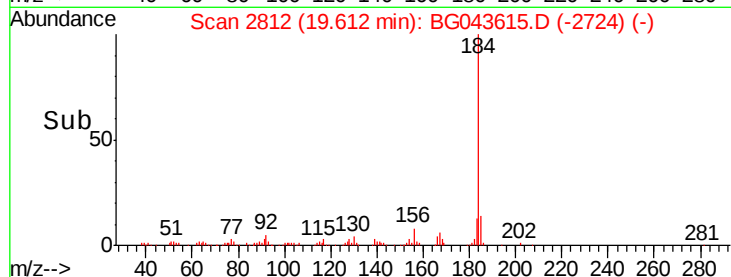
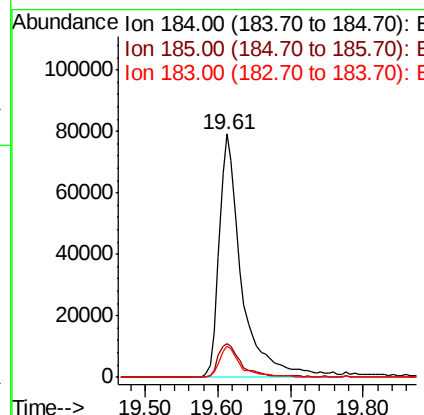
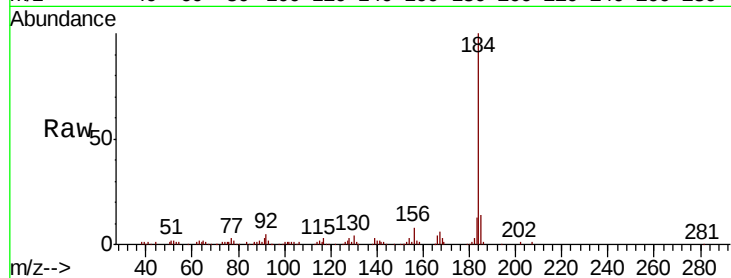
#77
Benzidine
Concen: 44.935 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.4
183	12.9	10.0	15.0

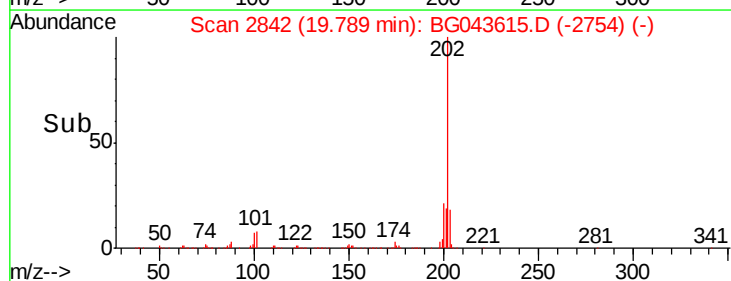
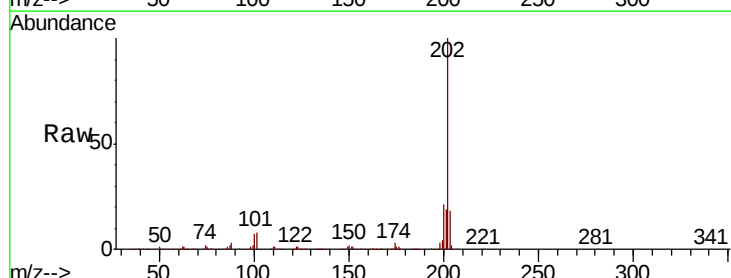
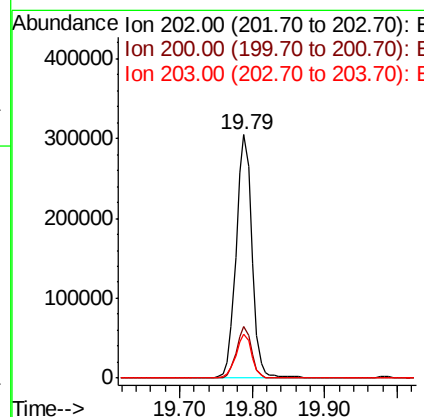
Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#78
Pyrene
Concen: 39.445 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.0	14.7	22.1





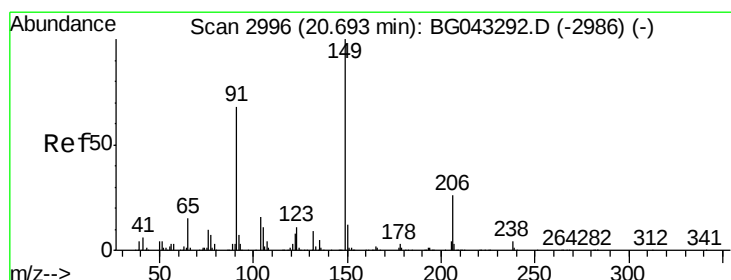
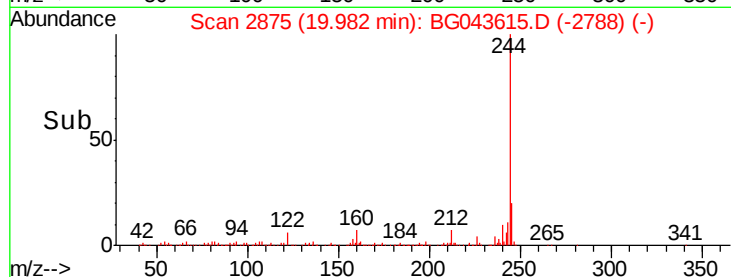
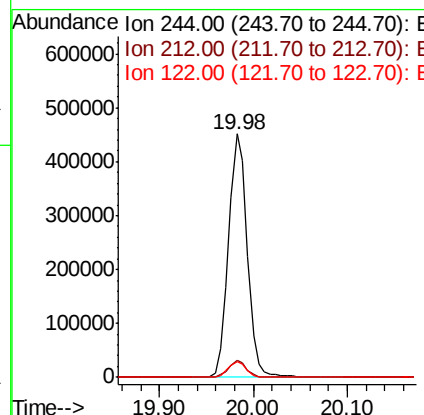
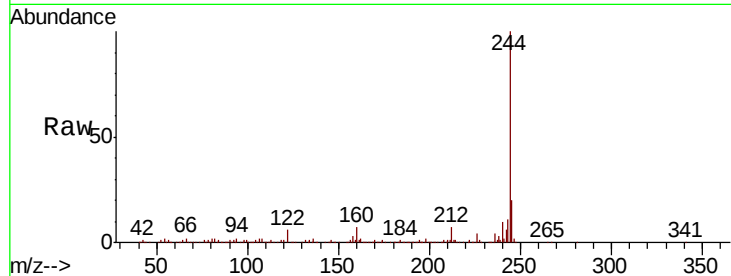
#79
 Terphenyl-d14
 Concen: 61.823 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.2	5.4	8.2

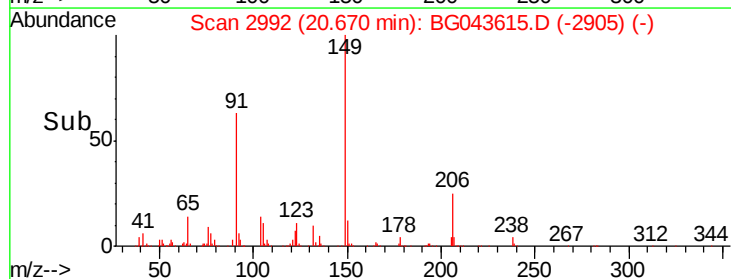
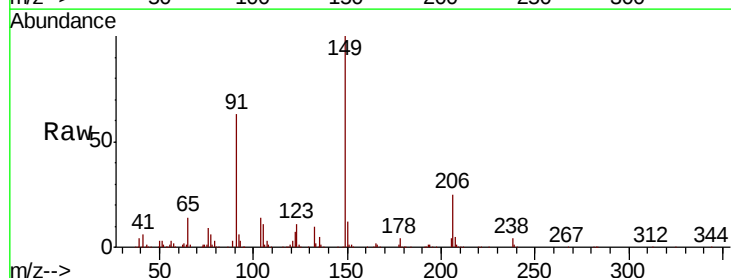
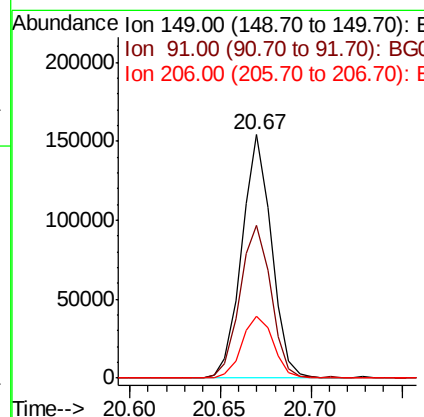
Manual Integrations
 APPROVED

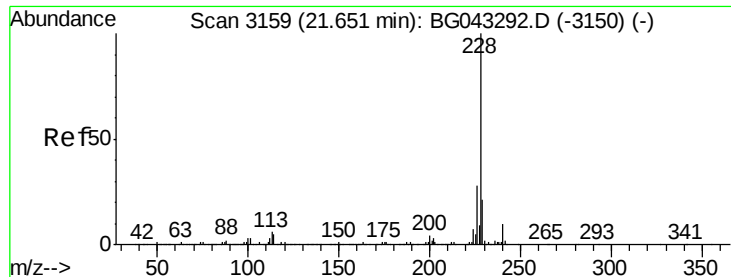
mohammad
 11/14/2019 2:07:52 PM



#80
 Butylbenzylphthalate
 Concen: 39.239 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043615.D
 Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.7	51.2	76.8
206	25.3	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.923 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Instrument :

BNA_G

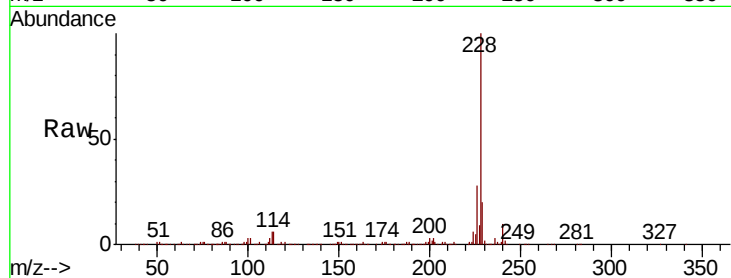
ClientSampleId :

PB124718BS

Tot Ion:	228	Resp:	475548
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.2
229	20.1	17.0	25.4

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM

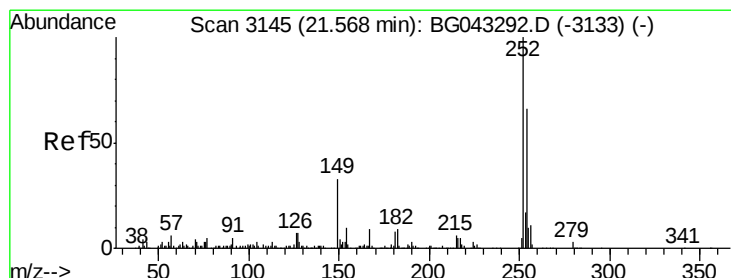
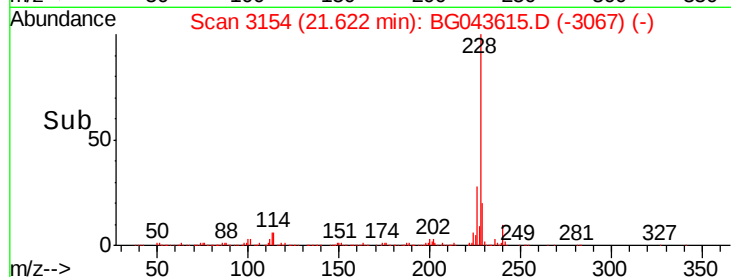
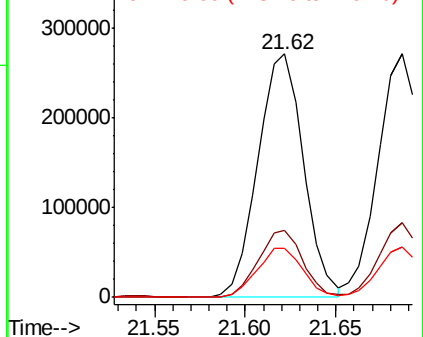


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.576 ng

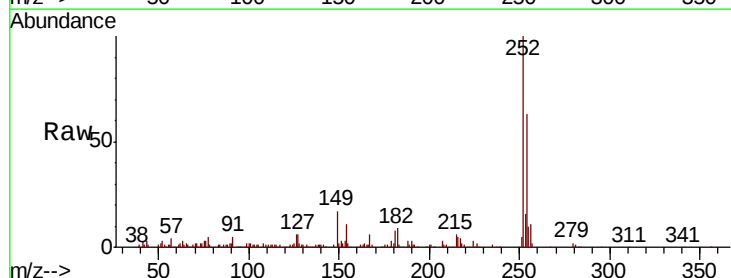
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043615.D

Acq: 13 Nov 2019 16:44

Tgt Ion:	252	Resp:	159298
Ion Ratio	Lower	Upper	
252	100		
254	62.8	50.8	76.2
126	6.3	6.1	9.1

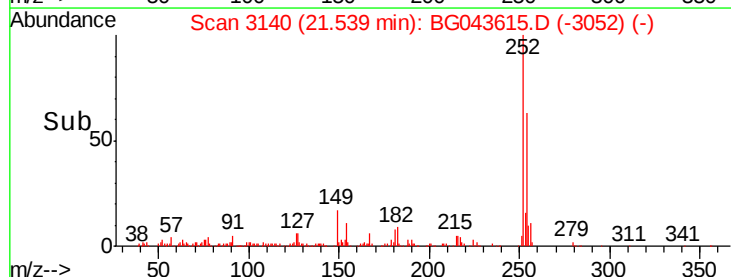
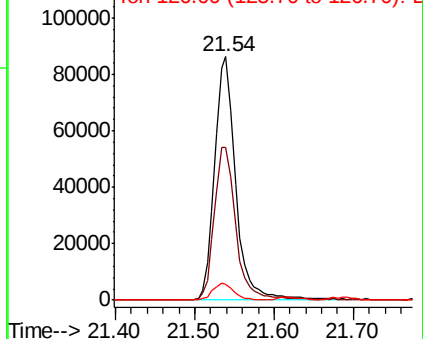


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





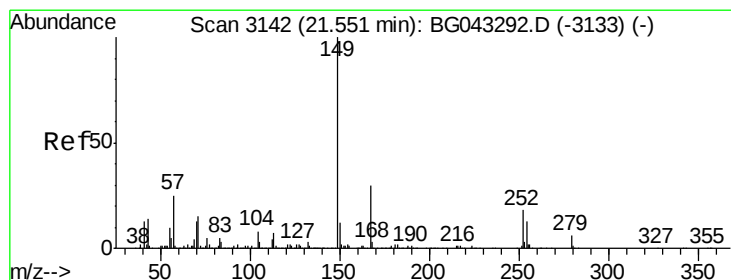
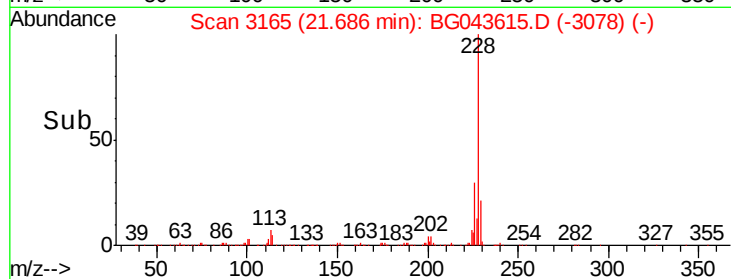
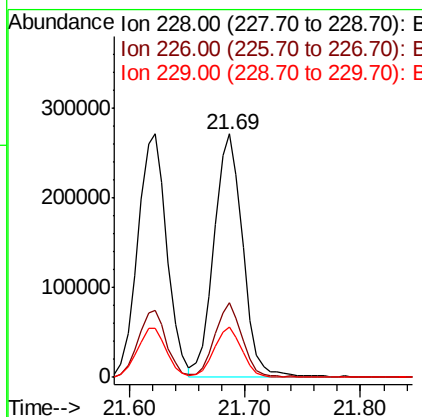
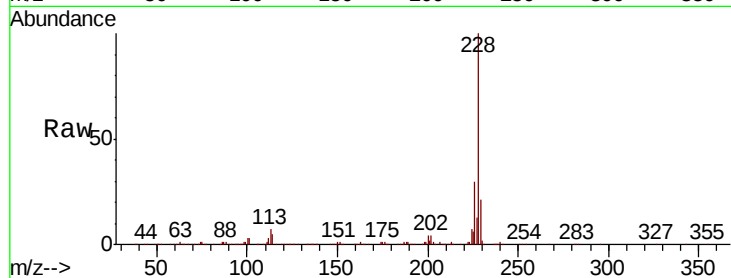
#83
Chrysene
Concen: 39.255 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	20.8	17.0	25.4

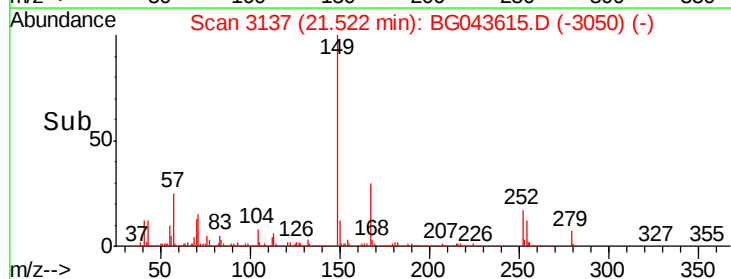
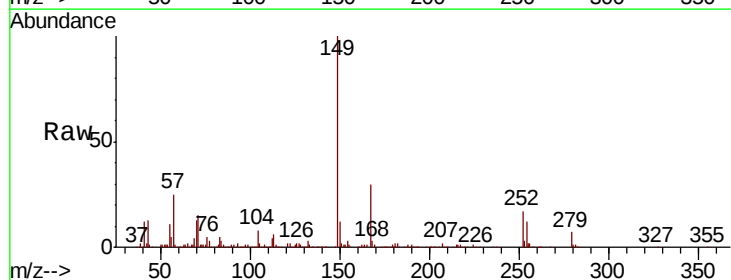
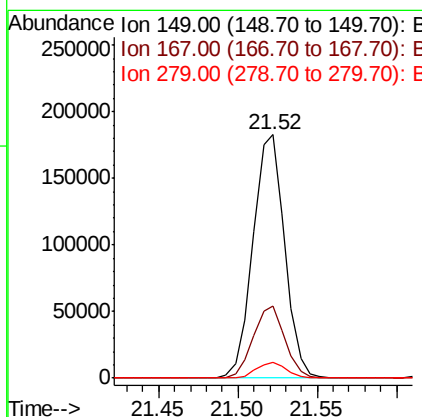
Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.076 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	6.5	5.4	8.2





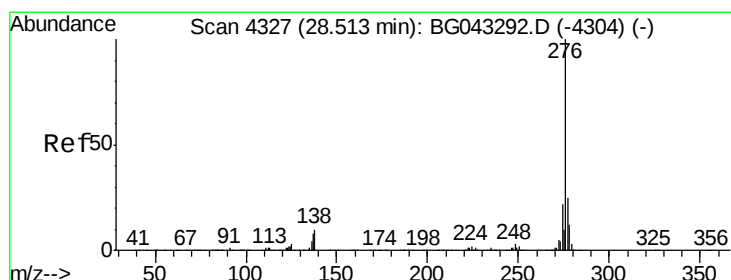
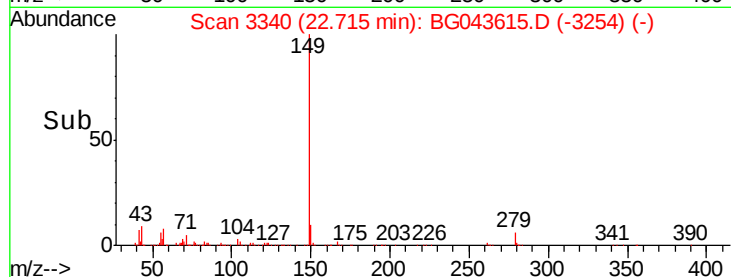
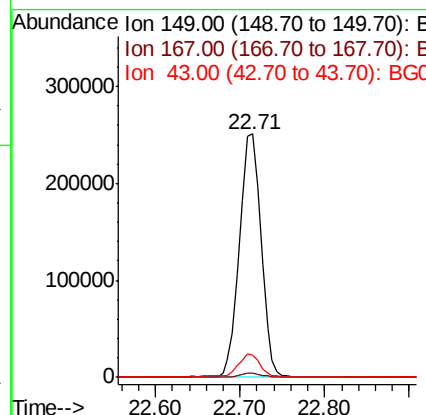
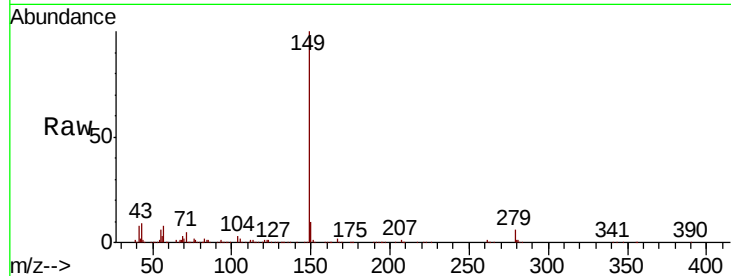
#85
Di-n-octyl phthalate
Concen: 41.160 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.02 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	442360		
167	1.8		1.4	2.2
43	10.1		7.0	10.6

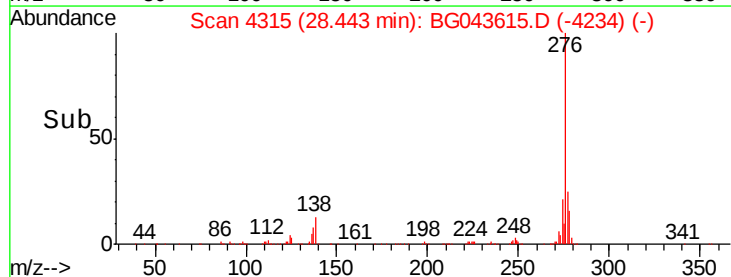
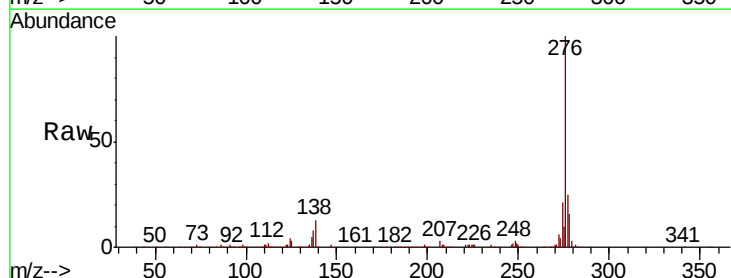
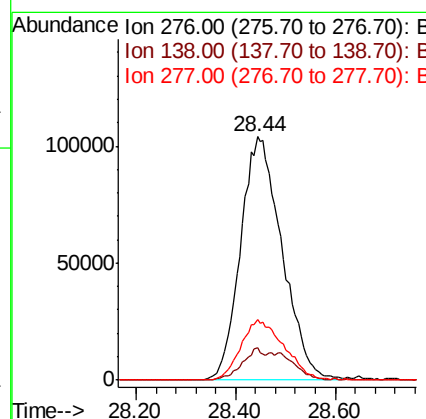
Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.434 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.05 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	600680		
138	7.1		6.8	10.2
277	25.7		20.9	31.3





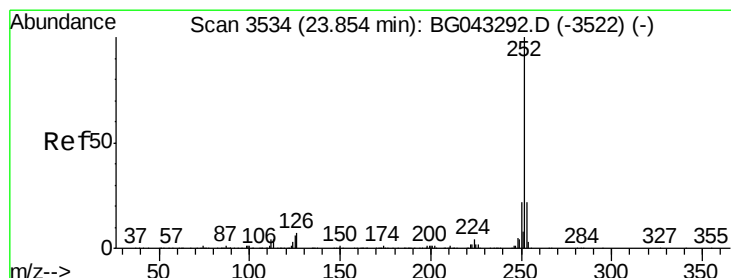
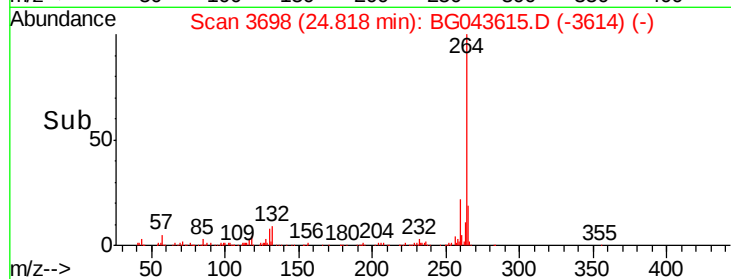
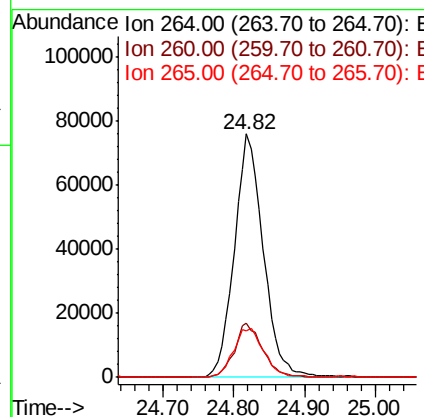
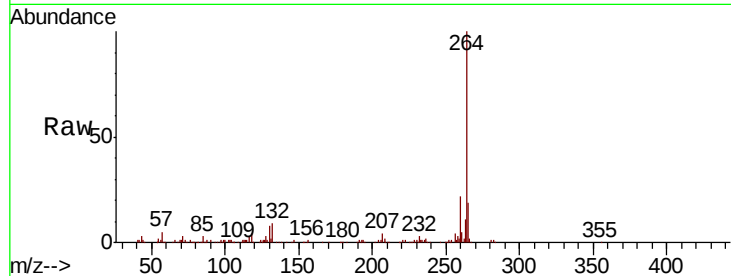
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	19.1	17.4	26.0

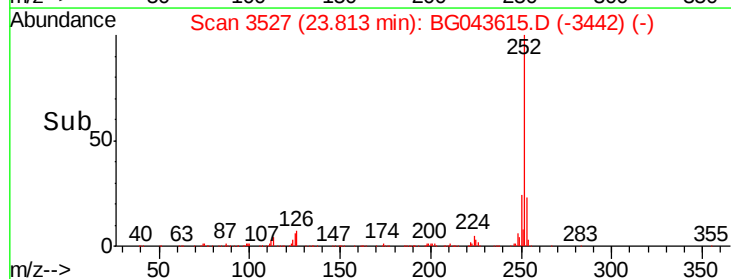
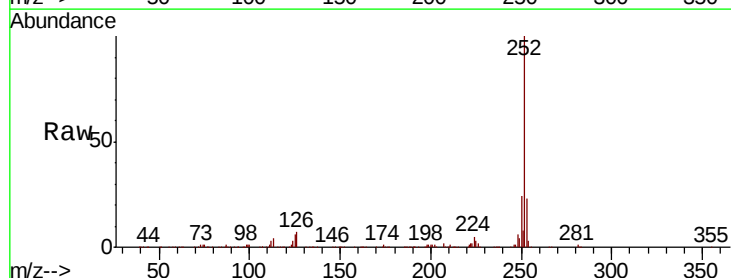
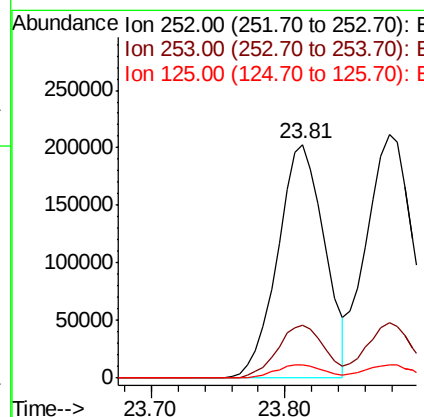
Manual Integrations
APPROVED

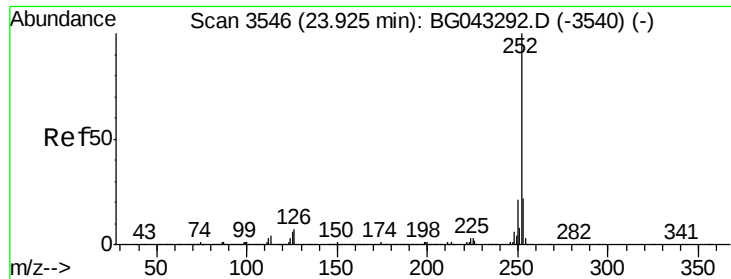
mohammad
11/14/2019 2:07:52 PM



#88
Benzo(b)fluoranthene
Concen: 40.591 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.7	4.5	6.7





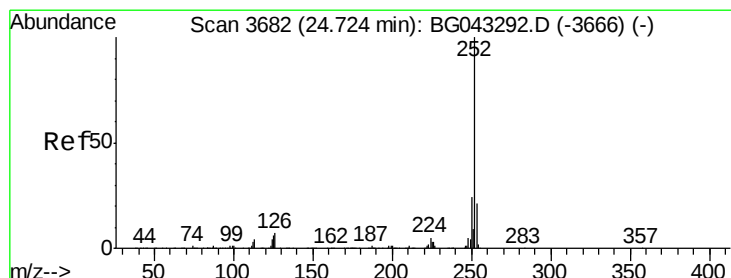
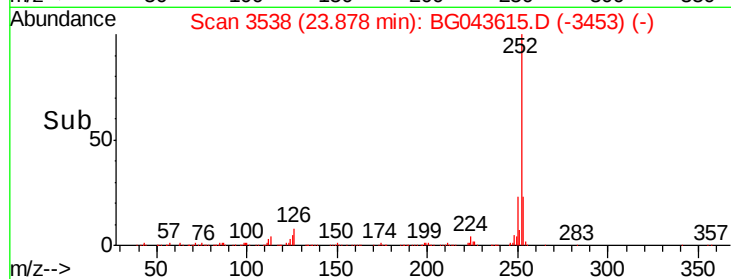
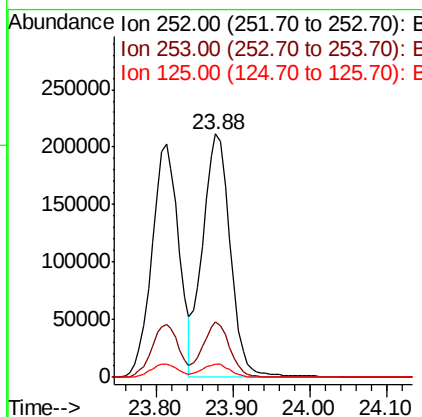
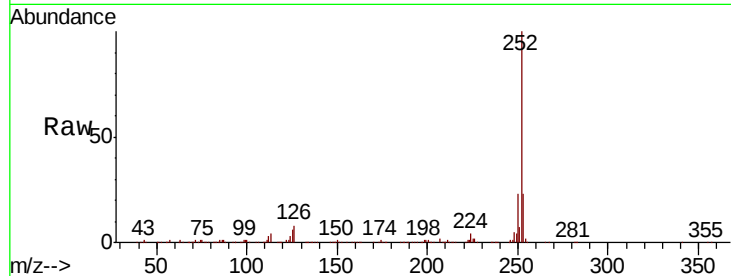
#89
Benzo(k)fluoranthene
Concen: 42.397 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	5.5	4.6	6.8

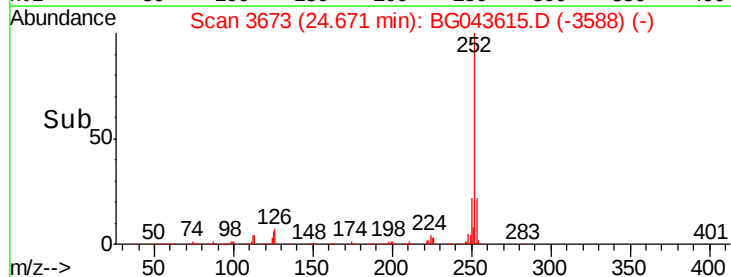
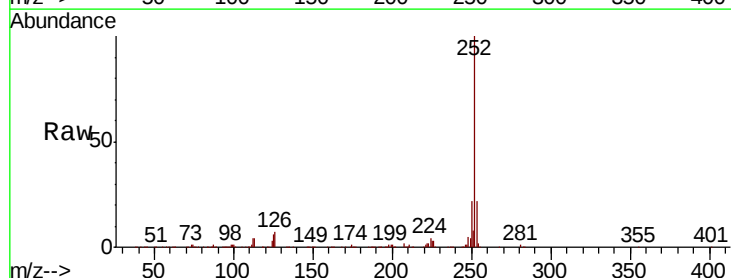
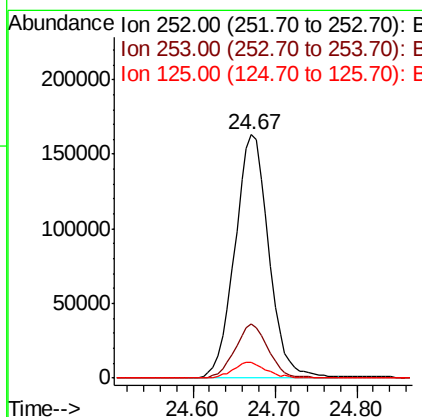
Manual Integrations
APPROVED

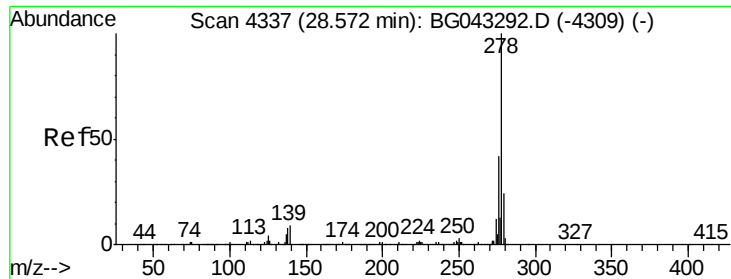
mohammad
11/14/2019 2:07:52 PM



#90
Benzo(a)pyrene
Concen: 40.339 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	6.3	5.4	8.2





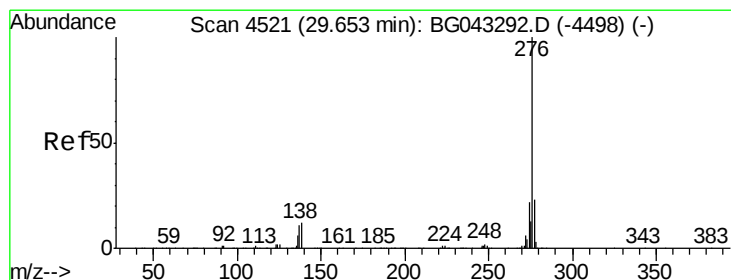
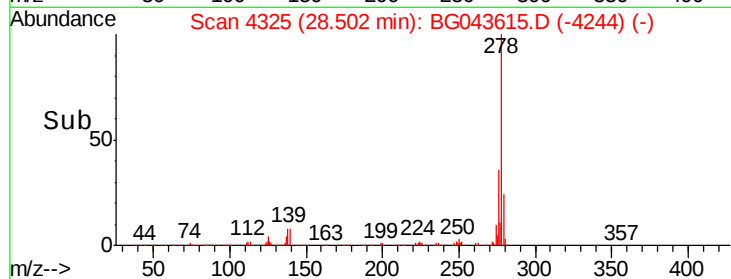
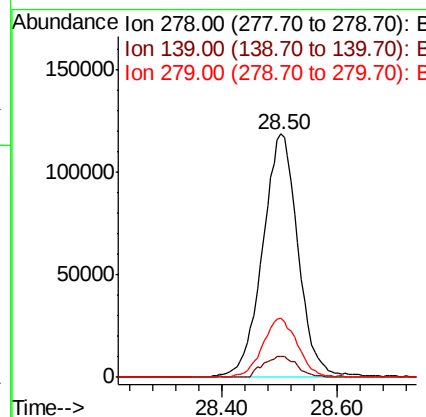
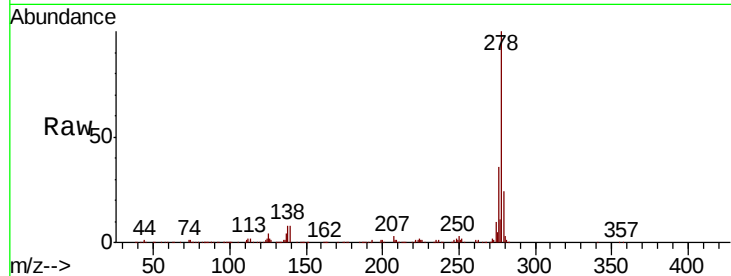
#91
Dibenzo(a,h)anthracene
Concen: 42.322 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.05 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Instrument :
BNA_G
ClientSampleId :
PB124718BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.4	11.0
279	24.4	19.1	28.7

Manual Integrations
APPROVED

mohammad
11/14/2019 2:07:52 PM



#92
Benzo(g,h,i)perylene
Concen: 42.931 ng
RT: 29.58 min Scan# 4508
Delta R.T. -0.05 min
Lab File: BG043615.D
Acq: 13 Nov 2019 16:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.9	28.3
138	11.9	8.9	13.3

