

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043699.D
 Acq On : 19 Nov 2019 15:40
 Operator : JU
 Sample : PB124903BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:10 AM

Quant Time: Nov 20 02:51:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31147	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	128430	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	96810	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	230404	20.00	ng	0.00
76) Chrysene-d12	21.63	240	262760	20.00	ng	0.00
87) Perylene-d12	24.81	264	302259	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	240748	141.64	ng	0.00
7) Phenol-d6	7.19	99	324234	132.58	ng	0.00
23) Nitrobenzene-d5	9.15	82	166453	66.82	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	209881	113.92	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	460320	65.70	ng	0.00
79) Terphenyl-d14	19.98	244	949249	67.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	20958	31.641	ng	88
3) Pyridine	3.85	79	55439	33.180	ng	97
4) n-Nitrosodimethylamine	3.76	42	42425	50.318	ng	97
6) Aniline	7.32	93	112959	40.097	ng	99
8) 2-Chlorophenol	7.57	128	96806	51.593	ng	97
9) Benzaldehyde	7.13	77	41026	34.136	ng	96
10) Phenol	7.22	94	117092	52.397	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	73619	42.610	ng	94
12) 1,3-Dichlorobenzene	7.88	146	97730	41.572	ng	98
13) 1,4-Dichlorobenzene	8.03	146	100075	42.075	ng	99
14) 1,2-Dichlorobenzene	8.34	146	98906	42.589	ng	93
15) Benzyl Alcohol	8.24	79	84745	49.342	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	109341	43.522	ng	99
17) 2-Methylphenol	8.46	107	81783	50.201	ng	93
18) Hexachloroethane	9.07	117	36183	42.164	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	69051	43.696	ng	97
20) 3+4-Methylphenols	8.79	107	110973	49.676	ng	98
22) Acetophenone	8.81	105	139493	42.412	ng	96
24) Nitrobenzene	9.20	77	106887	45.041	ng	96
25) Isophorone	9.72	82	198560	43.596	ng	99
26) 2-Nitrophenol	9.91	139	54222	47.327	ng	95
27) 2,4-Dimethylphenol	9.98	122	91543	55.748	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	107737	42.860	ng	96
29) 2,4-Dichlorophenol	10.46	162	102196	48.573	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	114906	43.332	ng	97
31) Naphthalene	10.85	128	293641	45.044	ng	99
32) Benzoic acid	10.18	122	45766	38.669	ng	95
33) 4-Chloroaniline	10.98	127	51261	19.183	ng	95
34) Hexachlorobutadiene	11.13	225	79359	40.484	ng	99
35) Caprolactam	11.75	113	33164m	45.768	ng	
36) 4-Chloro-3-methylphenol	12.11	107	110113	47.980	ng	92
37) 2-Methylnaphthalene	12.45	142	227779	45.538	ng	98
38) 1-Methylnaphthalene	12.67	142	216061	45.398	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	146715	40.950	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043699.D
 Acq On : 19 Nov 2019 15:40
 Operator : JU
 Sample : PB124903BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:10 AM

Quant Time: Nov 20 02:51:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	162652	86.422	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	94989	45.020	nq	89
44) 2,4,5-Trichlorophenol	13.16	196	101648	47.652	nq	98
46) 1,1'-Biphenyl	13.46	154	305084	41.425	nq	98
47) 2-Chloronaphthalene	13.50	162	240432	42.906	nq	97
48) 2-Nitroaniline	13.71	65	74145	44.271	nq	98
49) Acenaphthylene	14.35	152	388291	44.522	nq	98
50) Dimethylphthalate	14.08	163	319022	42.544	nq	98
51) 2,6-Dinitrotoluene	14.20	165	72194	44.316	nq	94
52) Acenaphthene	14.69	154	232335	43.684	nq	98
53) 3-Nitroaniline	14.54	138	52117	33.136	nq #	97
54) 2,4-Dinitrophenol	14.75	184	85336	83.534	nq	94
55) Dibenzofuran	15.02	168	382431	44.341	nq	99
56) 4-Nitrophenol	14.88	139	99423	94.329	nq	89
57) 2,4-Dinitrotoluene	14.99	165	104742	44.990	nq #	96
58) Fluorene	15.67	166	317338	43.869	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	101542	44.805	nq	97
60) Diethylphthalate	15.44	149	321088	42.616	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	182383	43.219	nq	96
62) 4-Nitroaniline	15.71	138	71224	43.848	nq	97
63) Azobenzene	15.95	77	270680	44.390	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	67008	49.418	nq	95
66) n-Nitrosodiphenylamine	15.88	169	283434	43.572	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	129998	41.925	nq	98
68) Hexachlorobenzene	16.68	284	143797	40.401	nq	96
69) Atrazine	16.83	200	119218	52.744	nq	99
70) Pentachlorophenol	17.03	266	146548	90.361	nq	98
71) Phenanthrene	17.42	178	517161	43.833	nq	99
72) Anthracene	17.50	178	535330	45.350	nq	100
73) Carbazole	17.78	167	480534	44.952	nq	99
74) Di-n-butylphthalate	18.33	149	570236	43.964	nq	99
75) Fluoranthene	19.42	202	704420	45.797	nq	100
77) Benzidine	19.61	184	155618	29.428	nq	99
78) Pyrene	19.78	202	711748	43.761	nq	99
80) Butylbenzylphthalate	20.66	149	264823	42.977	nq	99
81) Benzo(a)anthracene	21.62	228	738415	44.864	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	248571	39.046	nq	98
83) Chrysene	21.68	228	708002	43.294	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	387890	44.314	nq	97
85) Di-n-octyl phthalate	22.70	149	668313	45.003	nq	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	920211	44.828	nq #	96
88) Benzo(b)fluoranthene	23.81	252	759298	44.354	nq	99
89) Benzo(k)fluoranthene	23.87	252	782504	45.405	nq	100
90) Benzo(a)pyrene	24.67	252	722265	44.182	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	776728	46.452	nq	100
92) Benzo(g,h,i)perylene	29.58	276	772607	46.843	nq	99

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

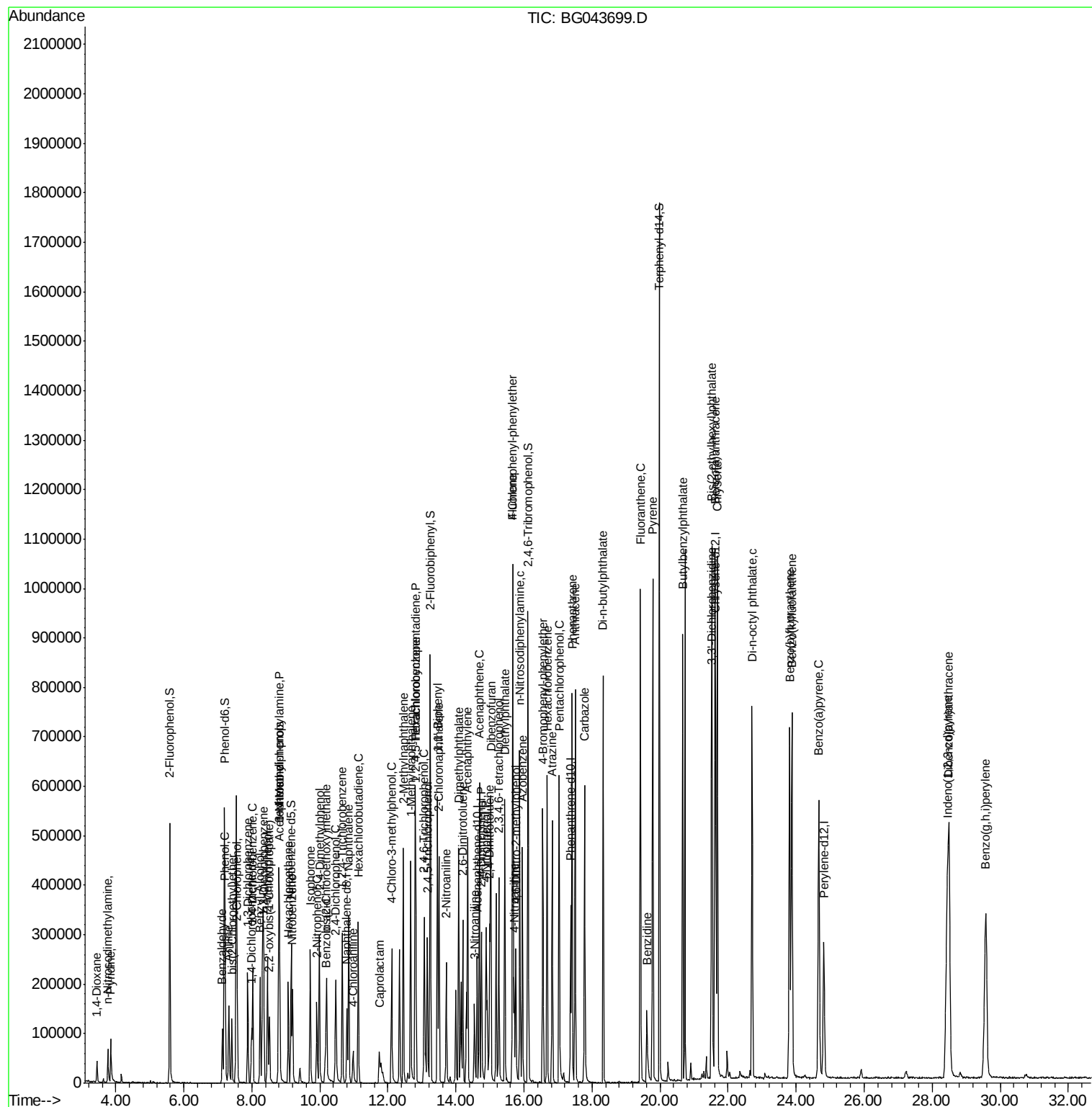
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043699.D
Acq On : 19 Nov 2019 15:40
Operator : JU
Sample : PB124903BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

Quant Time: Nov 20 02:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration





#1

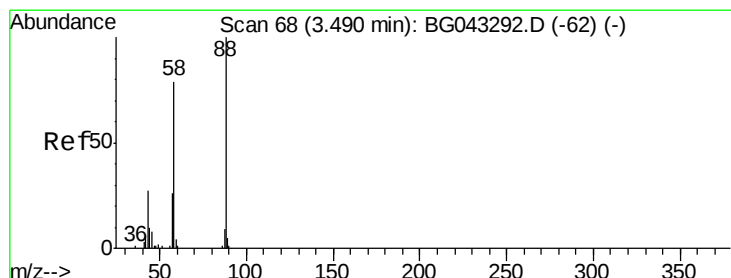
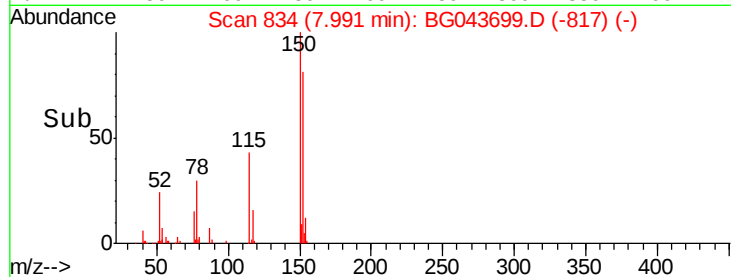
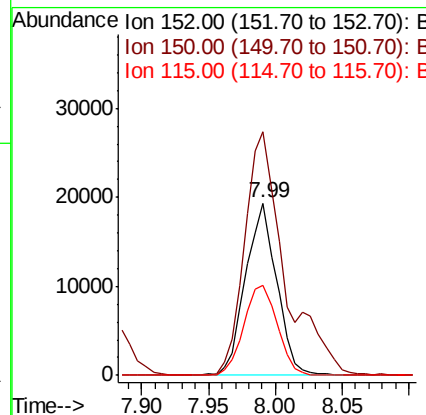
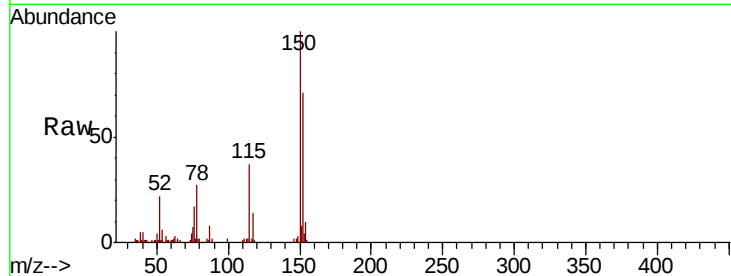
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	116.6	175.0
115	52.5	40.5	60.7

Manual Integrations
APPROVED

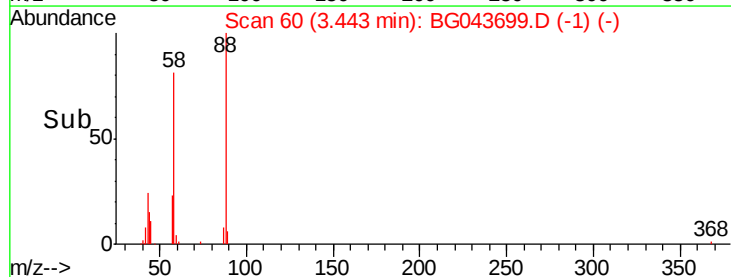
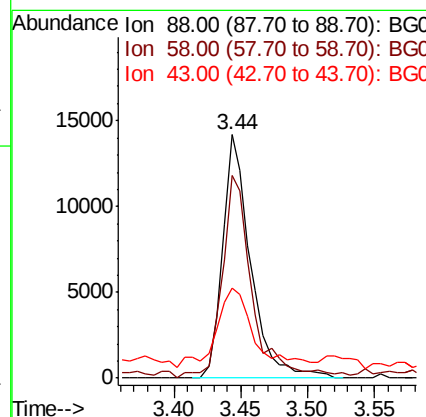
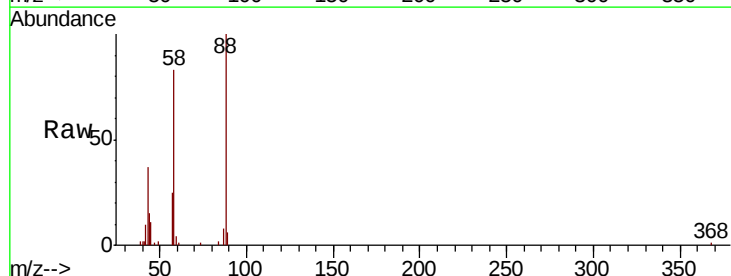
mohammad
11/21/2019 9:04:10 AM



#2

1,4-Dioxane
Concen: 31.641 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	62.2	93.4
43	43.1	30.1	45.1





#3

Pvridine

Concen: 33.180 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

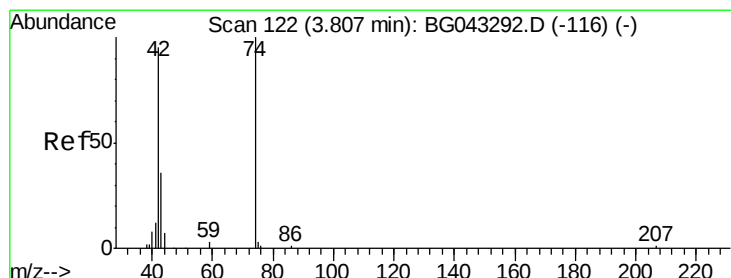
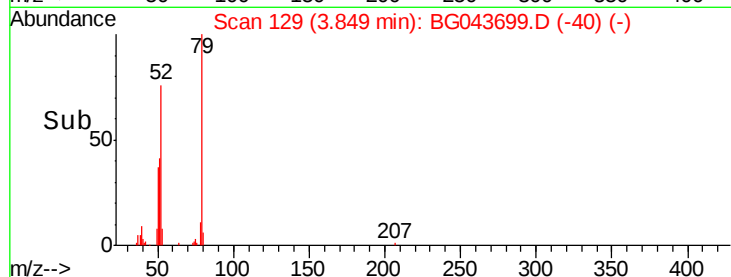
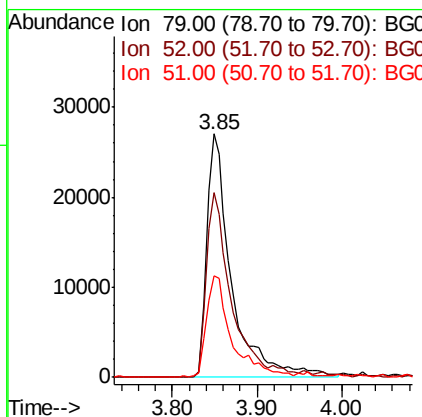
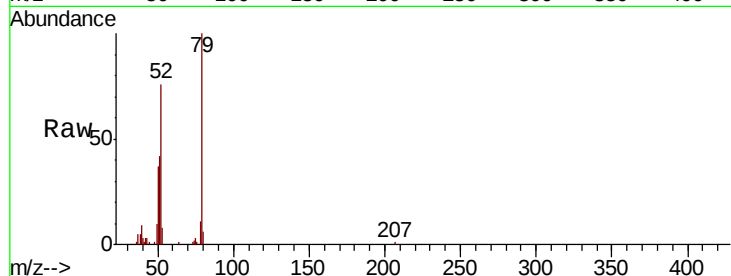
ClientSampleId :

PB124903BS

Tot Ion:	79	Resp:	55439
Ion Ratio	Lower	Upper	
79	100		
52	75.9	63.2	94.8
51	41.8	34.5	51.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#4

n-Nitrosodimethylamine

Concen: 50.318 ng

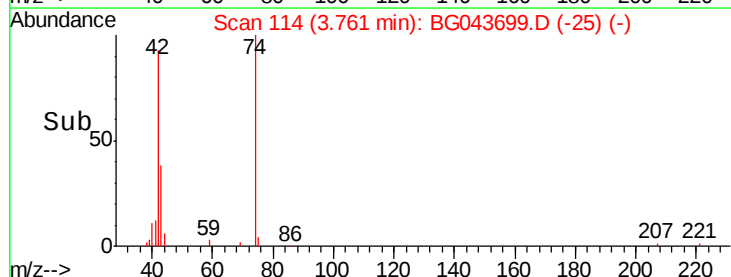
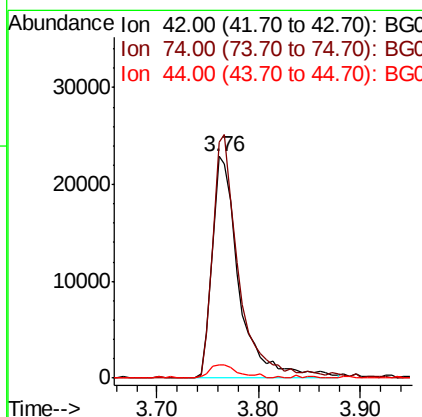
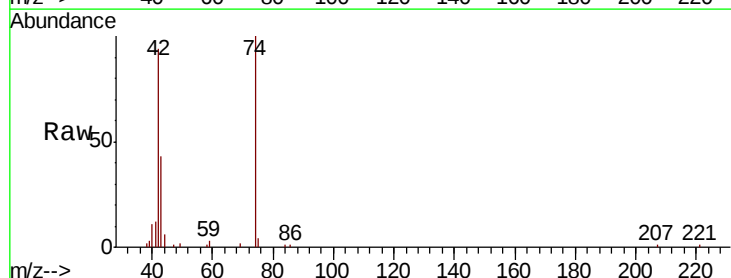
RT: 3.76 min Scan# 114

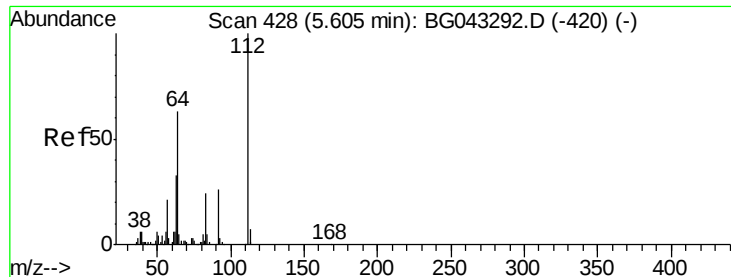
Delta R.T. -0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	42	Resp:	42425
Ion Ratio	Lower	Upper	
42	100		
74	106.6	83.0	124.6
44	6.1	4.4	6.6





#5

2-Fluorophenol

Concen: 141.637 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

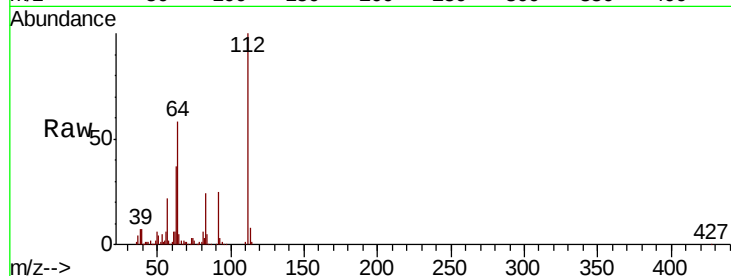
ClientSampleId :

PB124903BS

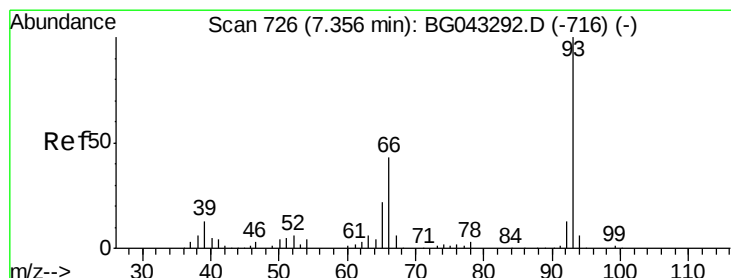
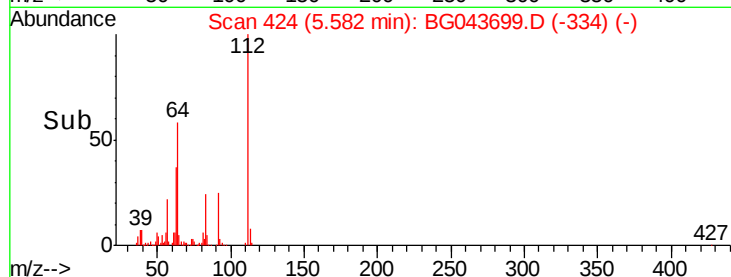
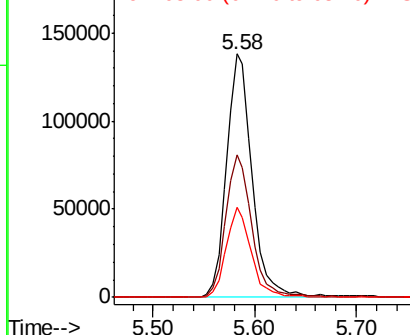
Tot Ion:	112	Resp:	240748
Ion Ratio	Lower	Upper	
112	100		
64	58.3	50.6	75.8
63	36.8	30.5	45.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



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



#6

Aniline

Concen: 40.097 ng

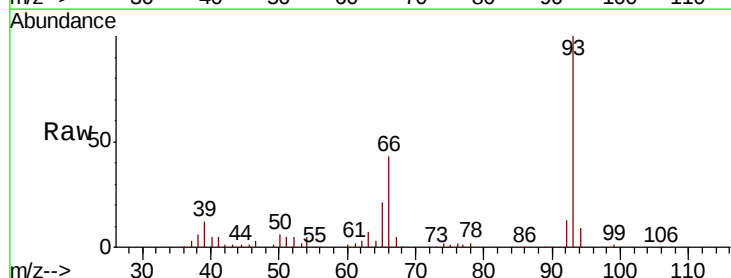
RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

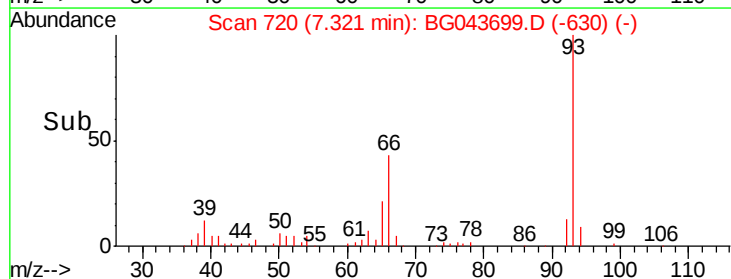
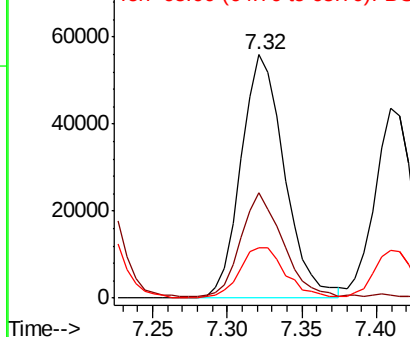
Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	93	Resp:	112959
Ion Ratio	Lower	Upper	
93	100		
66	43.4	35.4	53.2
65	20.9	17.1	25.7



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





#7

Phenol-d6

Concen: 132.582 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

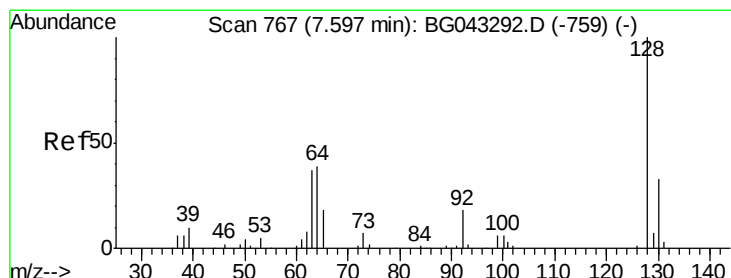
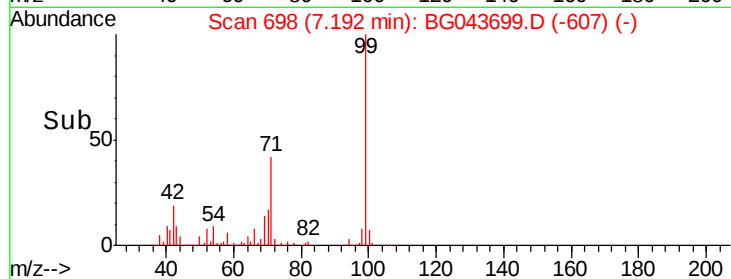
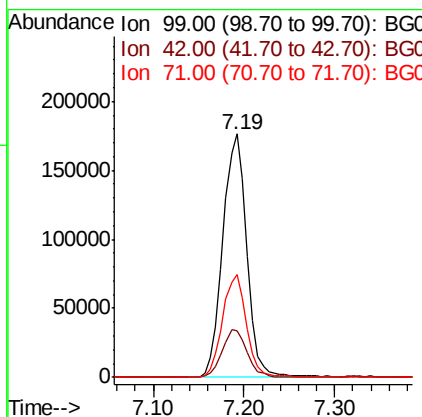
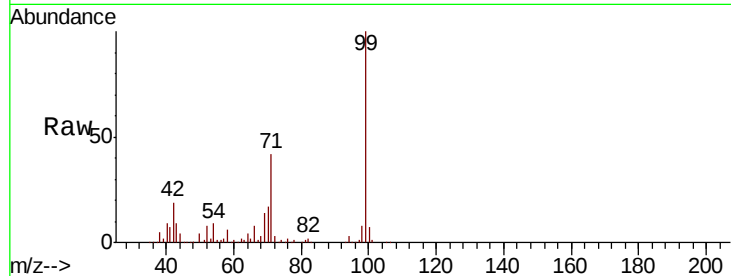
ClientSampleId :

PB124903BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		324234		
42	19.3	15.8	23.8		
71	42.2	34.4	51.6		

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#8

2-Chlorophenol

Concen: 51.593 ng

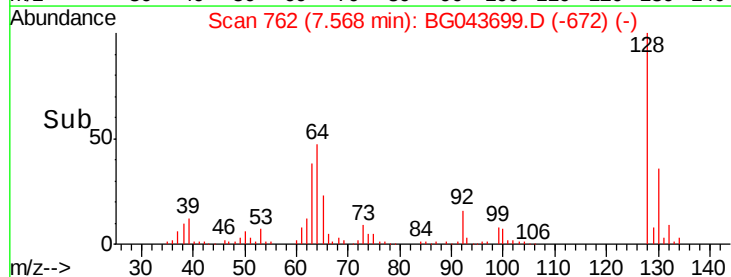
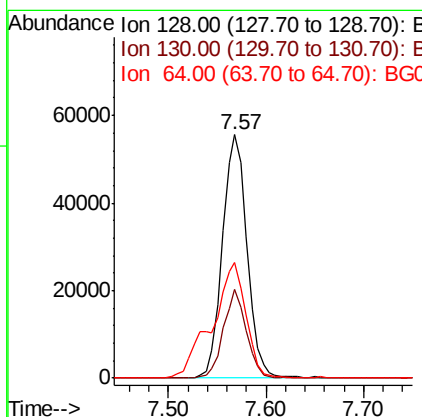
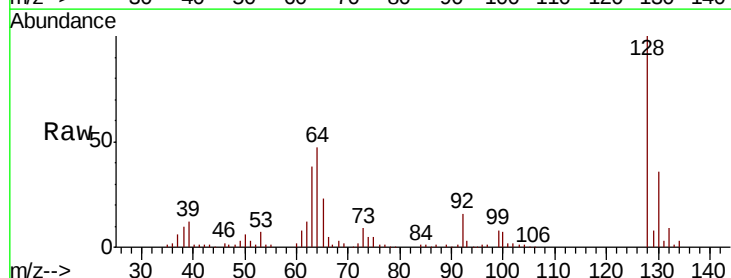
RT: 7.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		96806		
130	36.2	14.5	54.5		
64	47.4	29.2	69.2		





#9

Benzaldehyde

Concen: 34.136 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

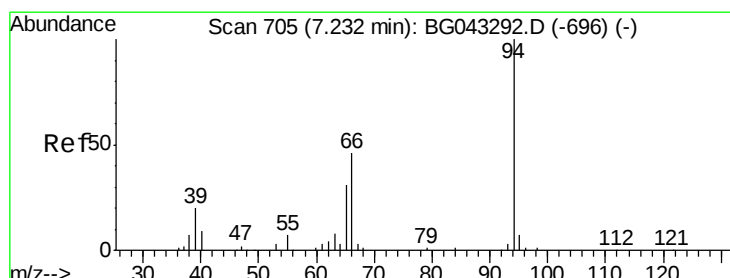
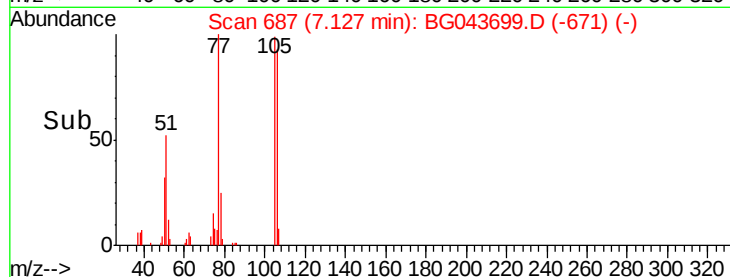
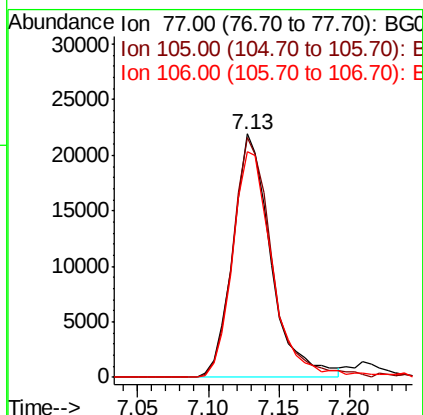
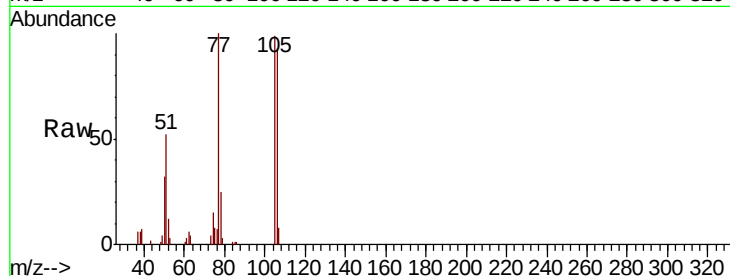
ClientSampleId :

PB124903BS

Tot Ion:	77	Resp:	41026
Ion	Ratio	Lower	Upper
77	100		
105	98.7	84.9	124.9
106	92.8	75.1	115.1

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#10

Phenol

Concen: 52.397 ng

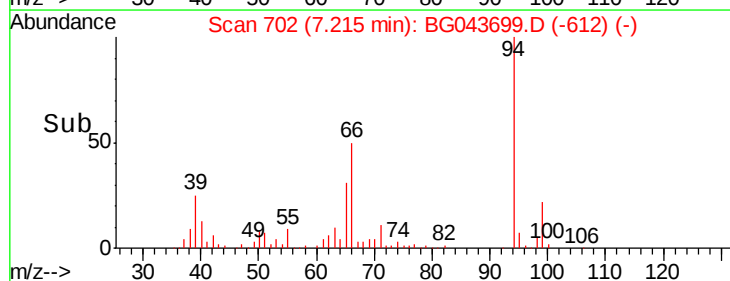
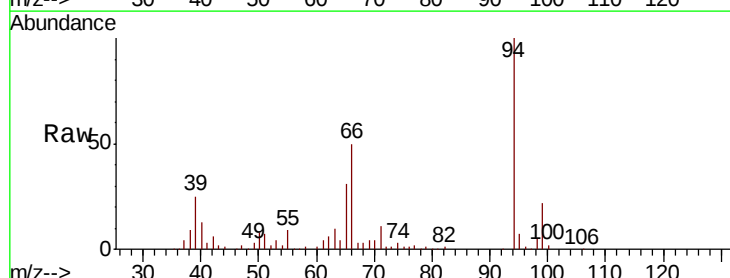
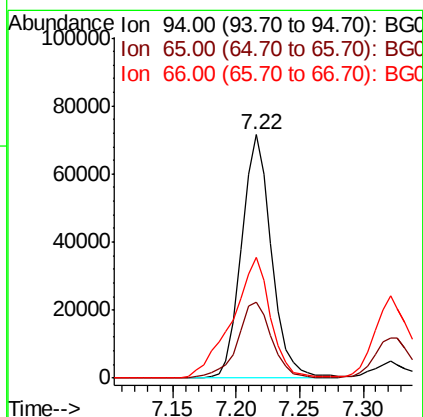
RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	94	Resp:	117092
Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.4	51.4
66	49.7	28.4	68.4





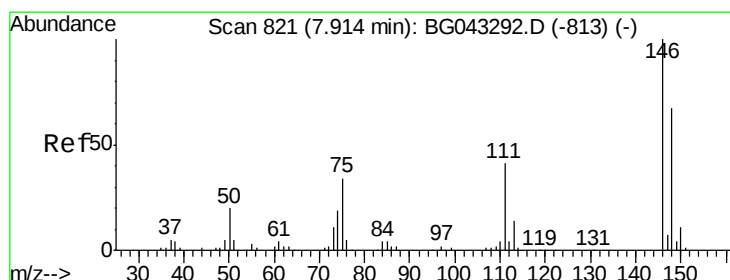
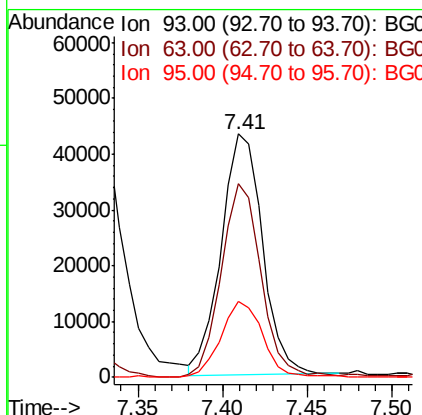
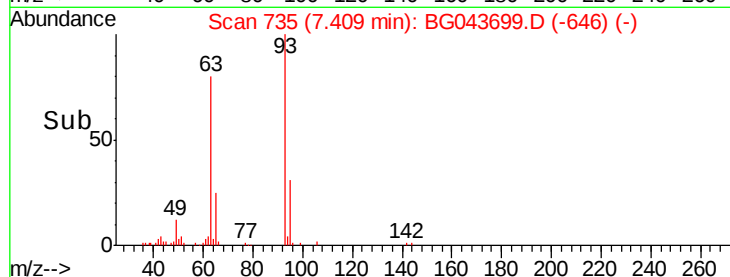
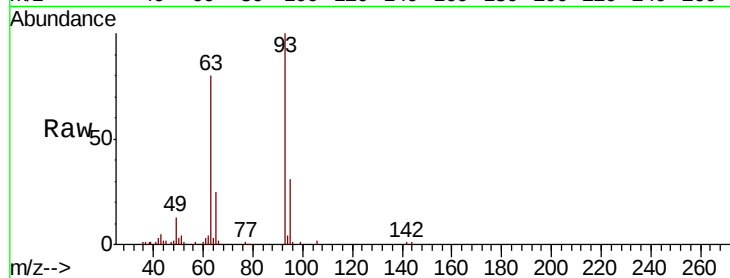
#11
bis(2-Chloroethyl)ether
Concen: 42.610 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	54.9	94.9
95	31.4	7.2	47.2

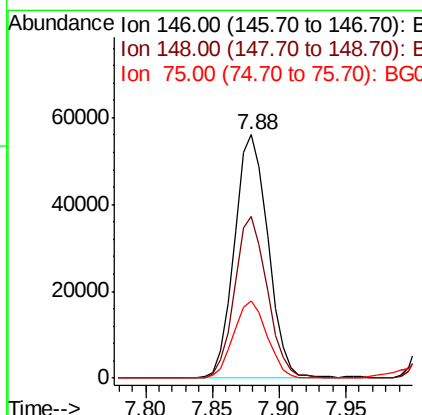
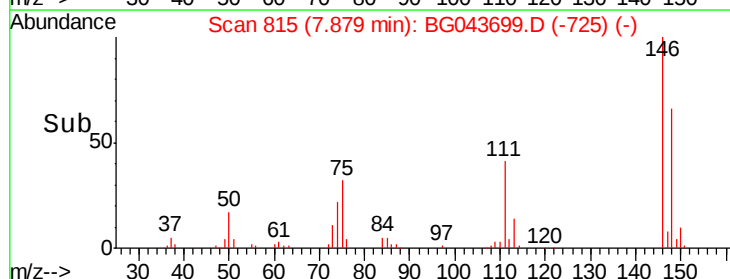
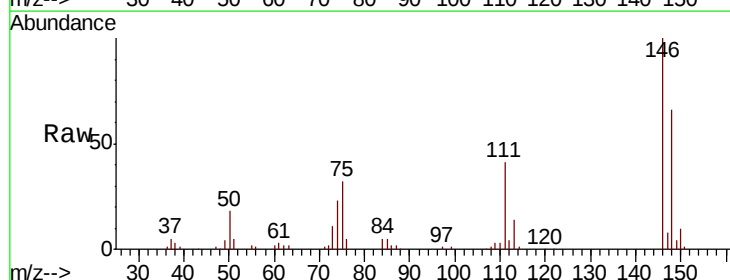
Manual Integrations
APPROVED

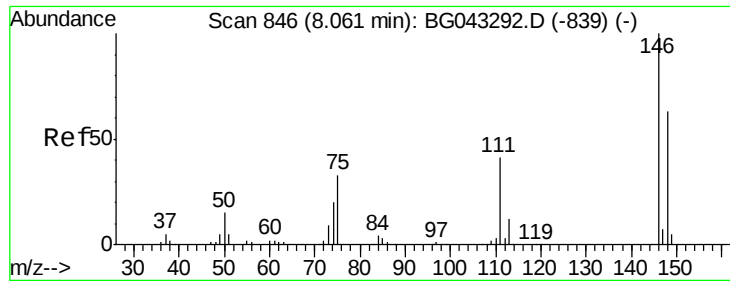
mohammad
11/21/2019 9:04:10 AM



#12
1,3-Dichlorobenzene
Concen: 41.572 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.4	77.2
75	31.8	26.2	39.2





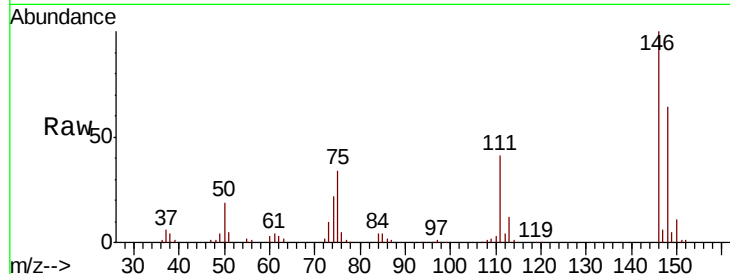
#13
 1,4-Dichlorobenzene
 Concen: 42.075 ng
 RT: 8.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	41.5	34.3	51.5

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:10 AM

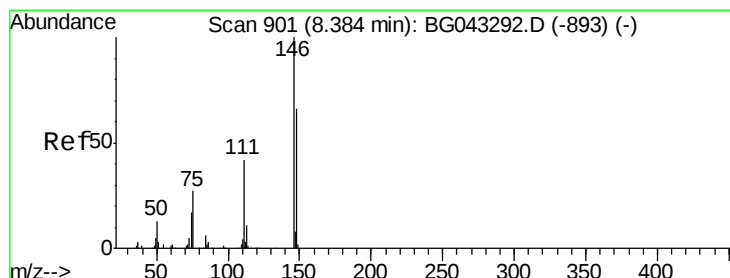
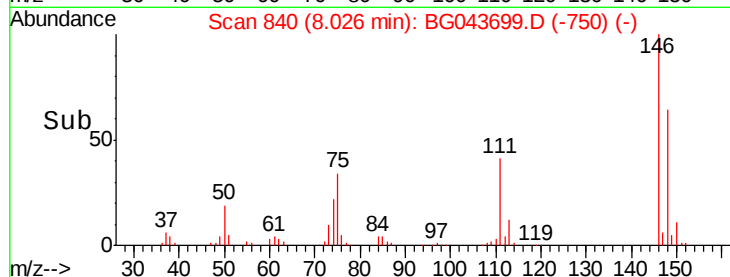
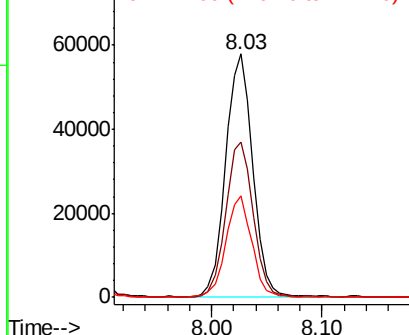


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.589 ng
 RT: 8.34 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

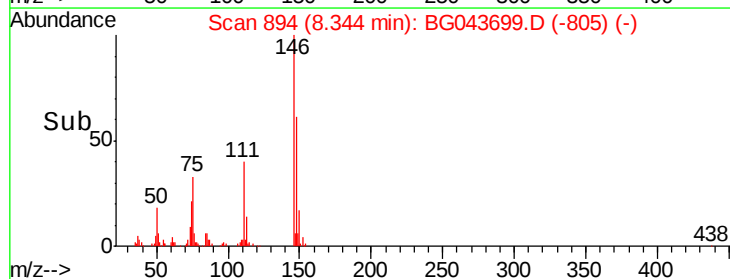
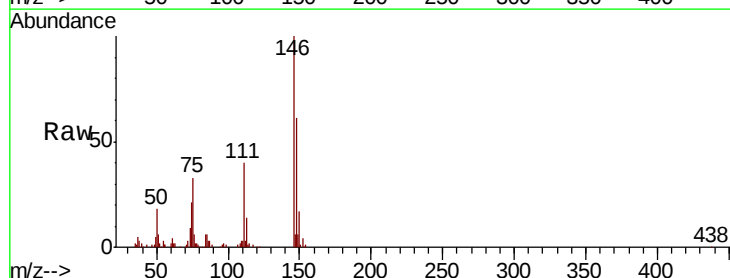
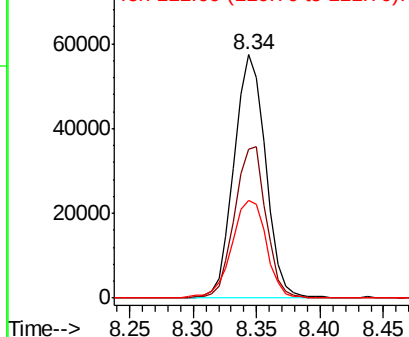
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	53.4	80.2
111	39.9	35.3	52.9

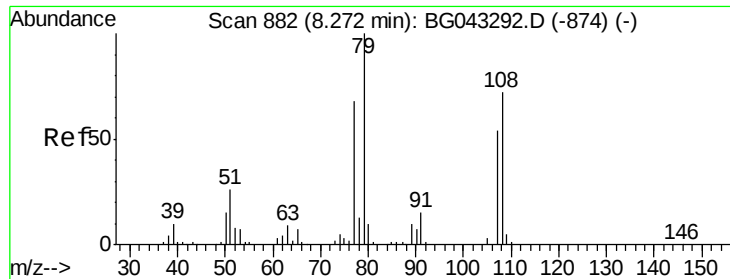
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.342 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

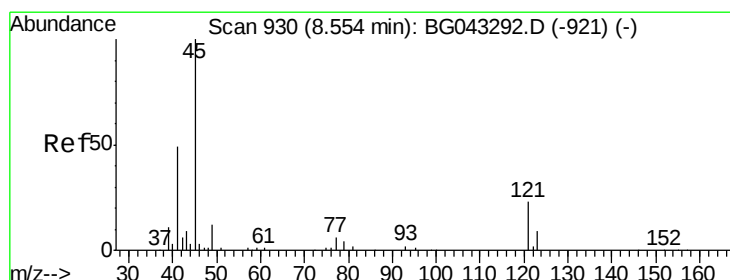
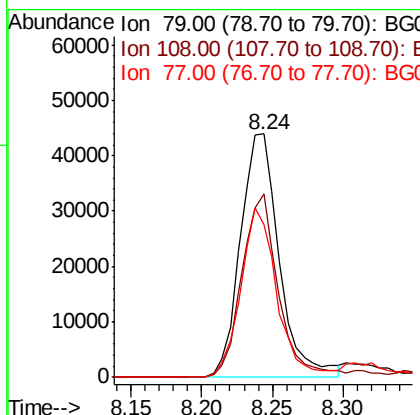
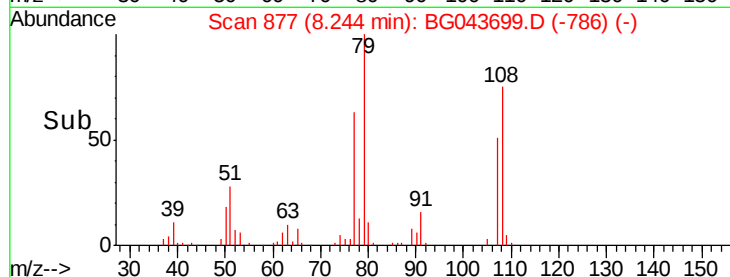
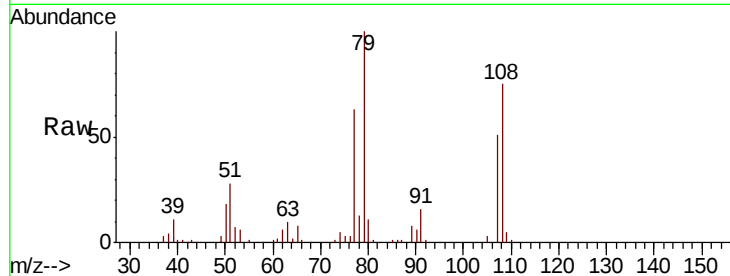
ClientSampleId :

PB124903BS

Tot Ion:	79	Resp:	84745
Ion Ratio	Lower	Upper	
79	100		
108	75.2	56.0	84.0
77	62.7	47.9	71.9

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.522 ng

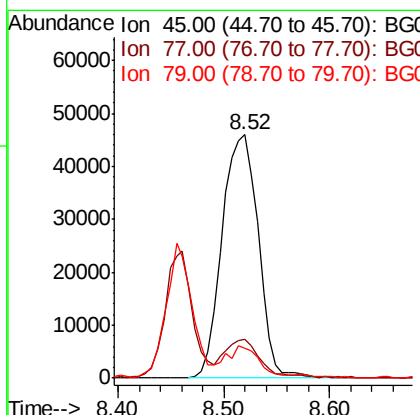
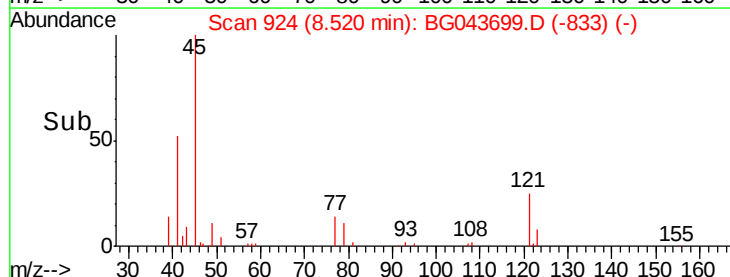
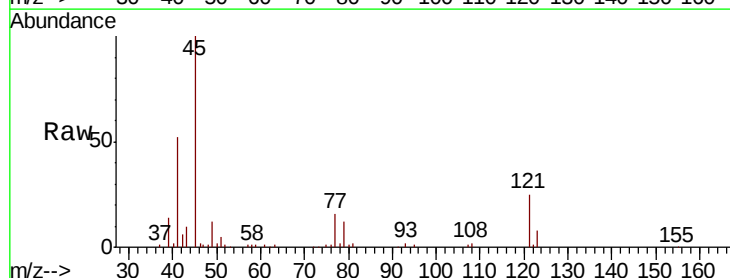
RT: 8.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	45	Resp:	109341
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.2
79	12.4	0.0	32.4





#17

2-Methylphenol

Concen: 50.201 ng

RT: 8.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

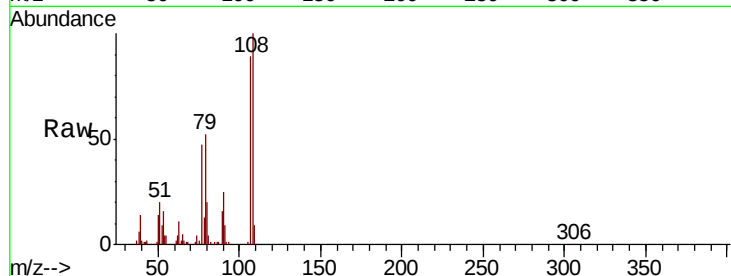
ClientSampleId :

PB124903BS

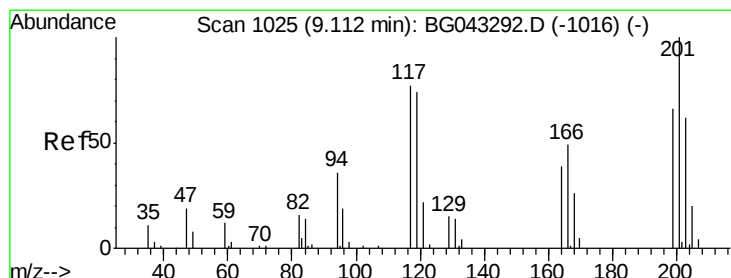
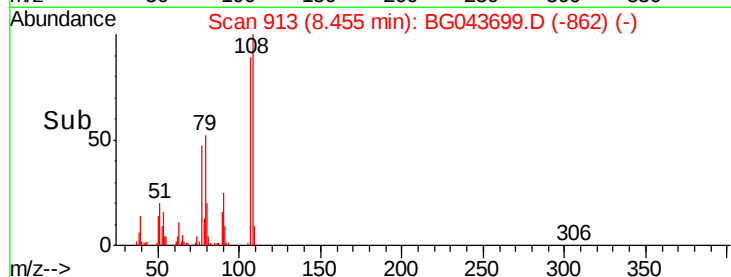
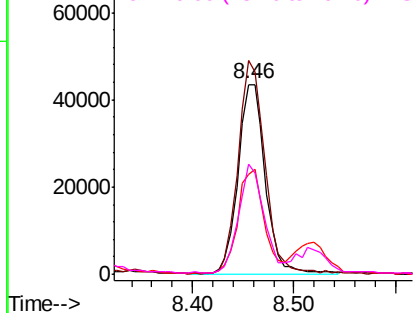
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	84.7	127.1	
77	52.9	46.2	69.4	
79	58.3	41.0	61.6	

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



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: 42.164 ng

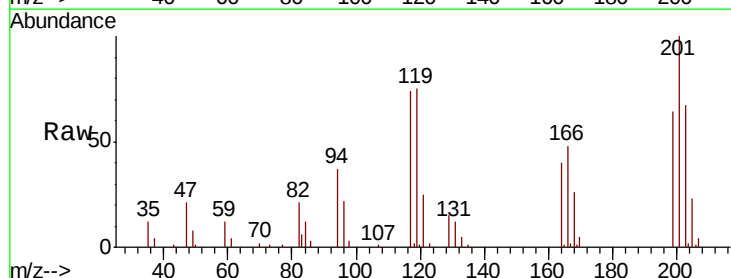
RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

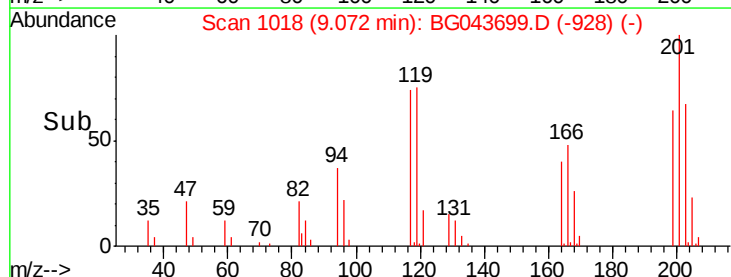
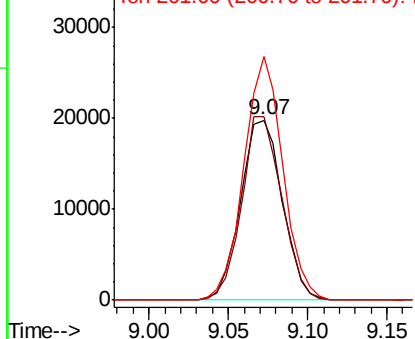
Lab File: BG043699.D

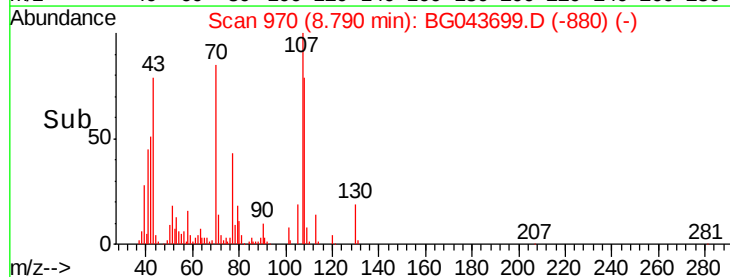
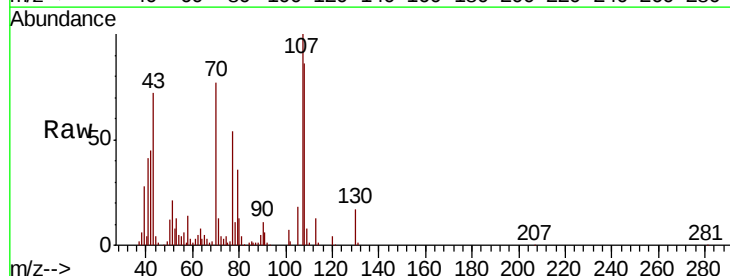
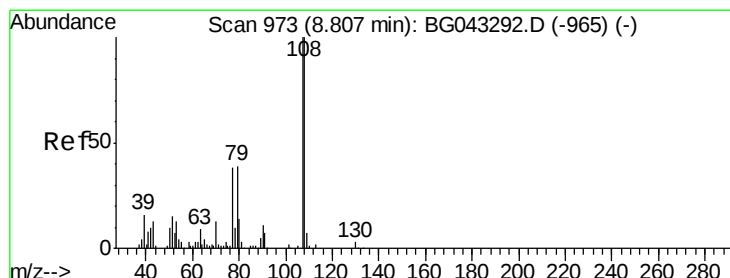
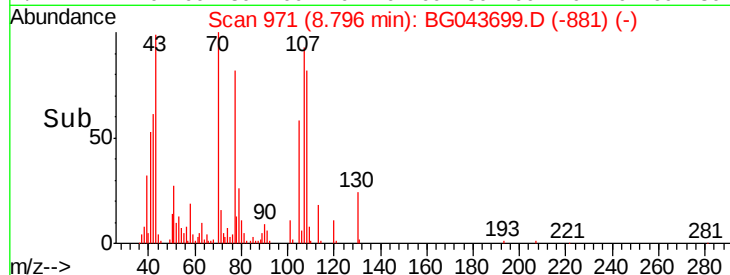
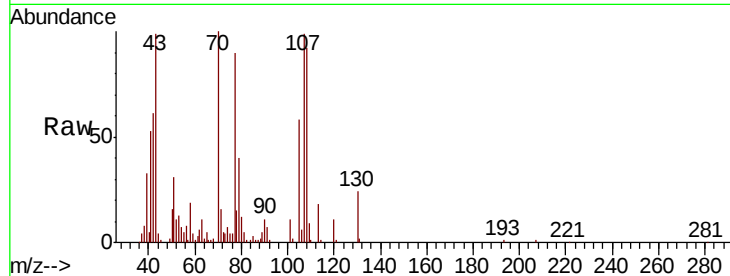
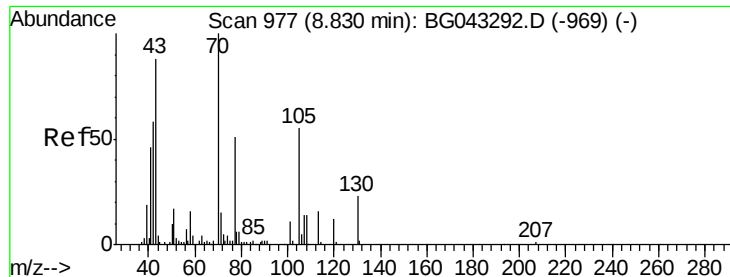
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	81.7	122.5	
201	135.5	98.6	147.8	



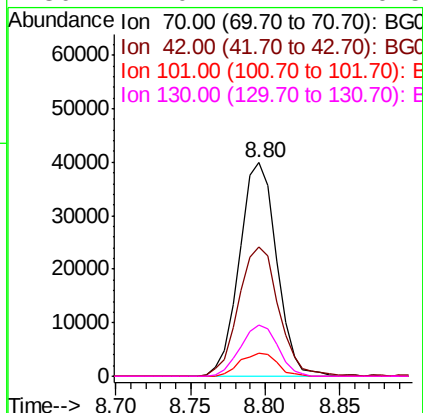
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.696 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.6	49.7	74.5	
101	10.7	9.7	14.5	
130	24.0	17.7	26.5	



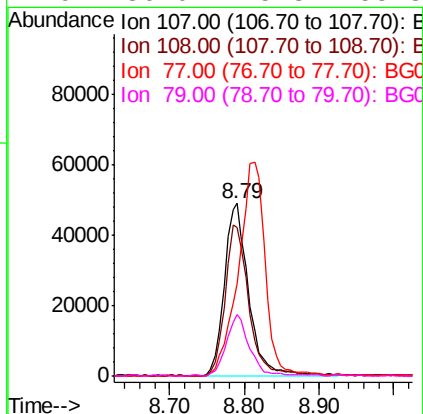
Instrument :
BNA_G
ClientSampleId :
PB124903BS

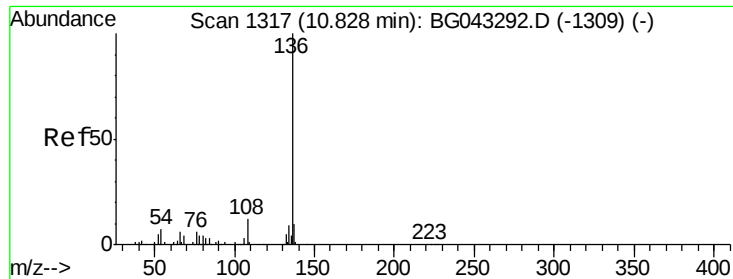
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

#20
3+4-Methylphenols
Concen: 49.676 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	69.5	109.5	
77	53.6	32.8	72.8	
79	36.0	15.3	55.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

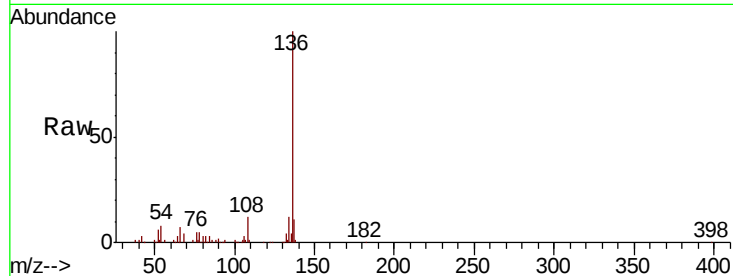
ClientSampleId :

PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	128430		
137	10.8		8.8	13.2
54	8.3		6.2	9.2
68	4.1		3.4	5.0

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



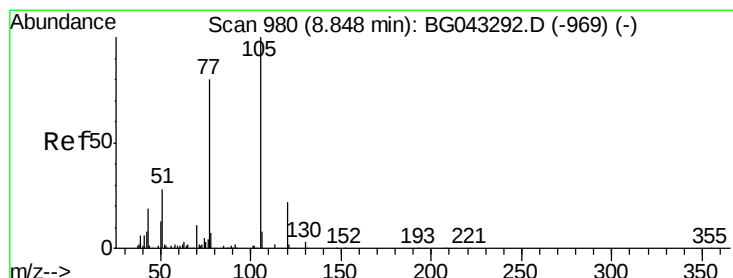
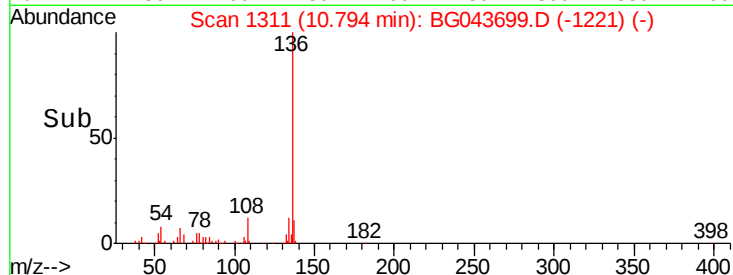
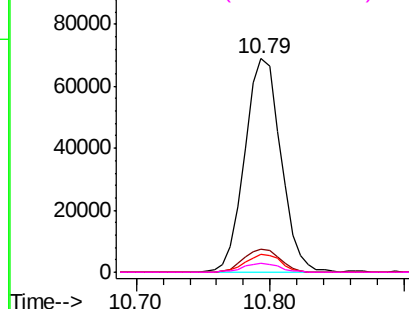
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.412 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139493		
71	2.2		1.5	2.3
51	33.8		25.0	37.6
120	21.7		18.3	27.5

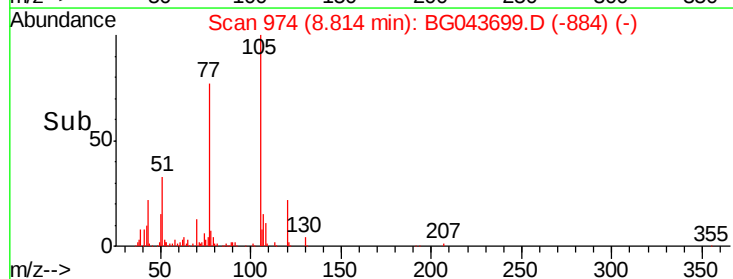
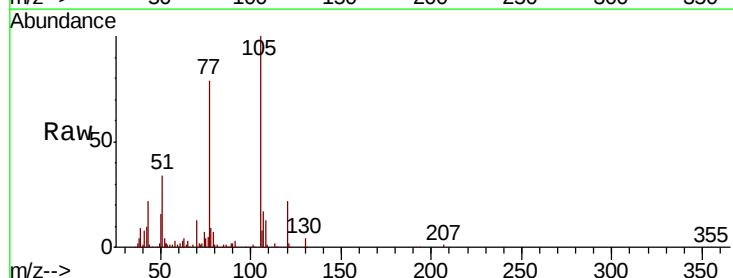
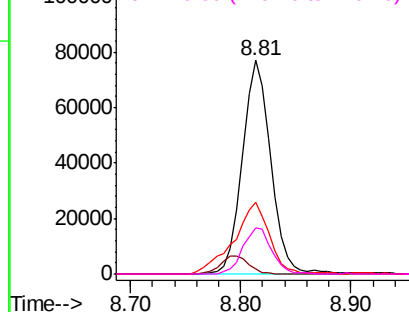
Abundance

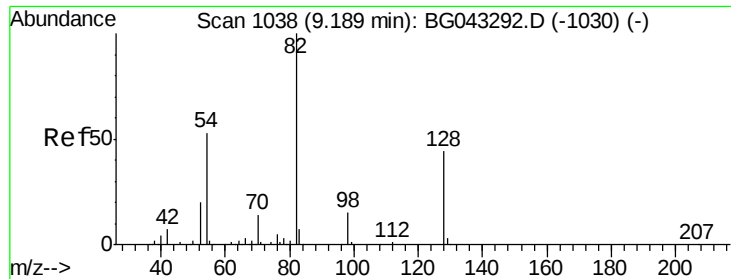
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





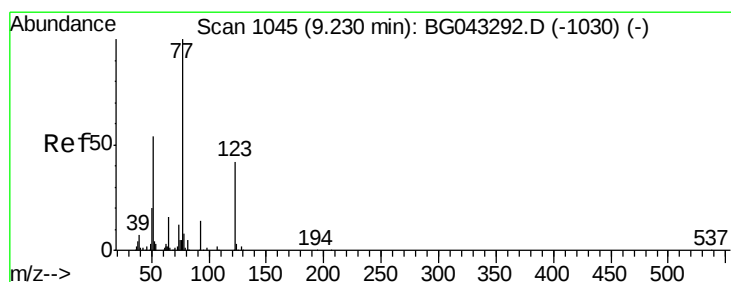
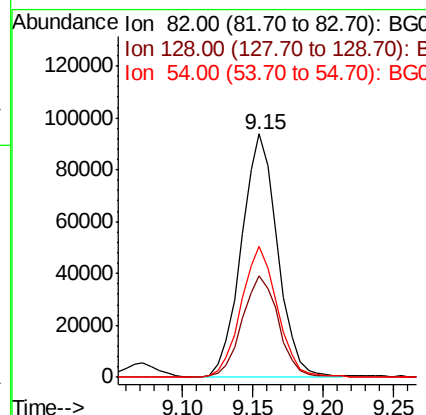
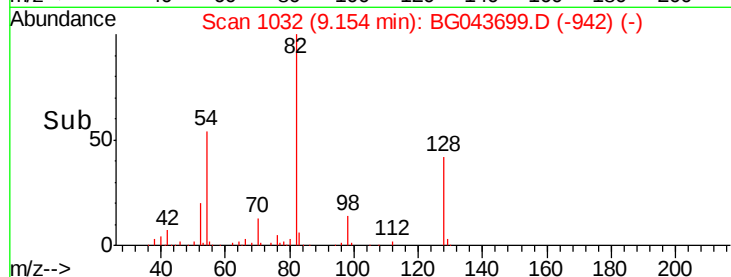
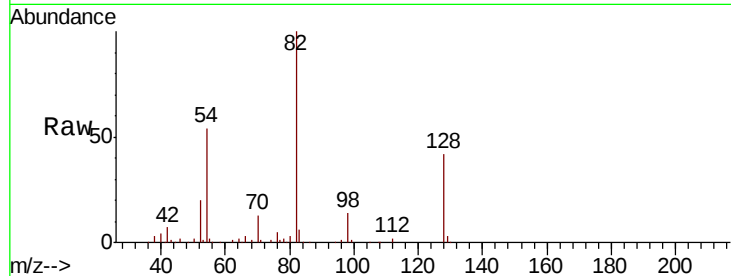
#23
Nitrobenzene-d5
Concen: 66.818 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.2	51.4
54	53.9	44.7	67.1

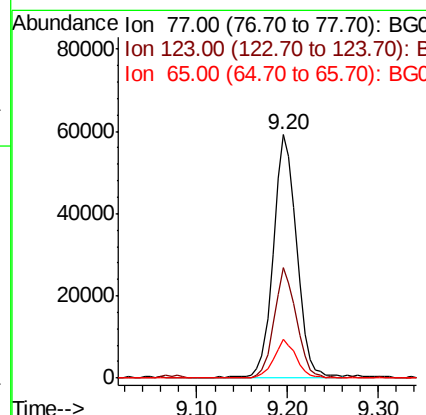
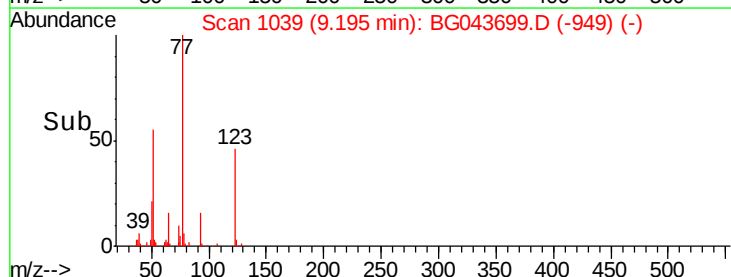
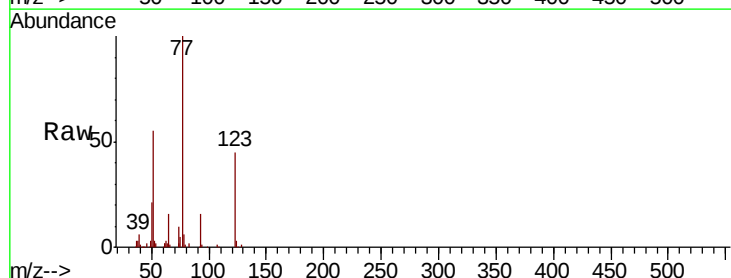
Manual Integrations
APPROVED

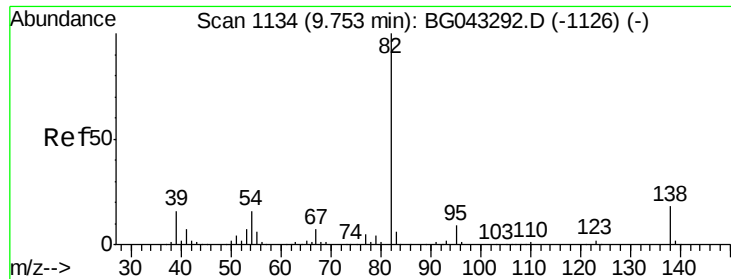
mohammad
11/21/2019 9:04:10 AM



#24
Nitrobenzene
Concen: 45.041 ng
RT: 9.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.6	50.4
65	15.9	12.9	19.3





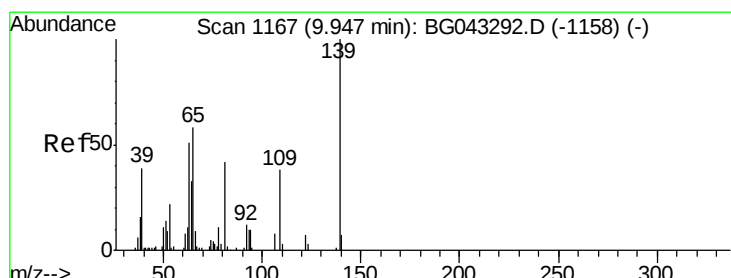
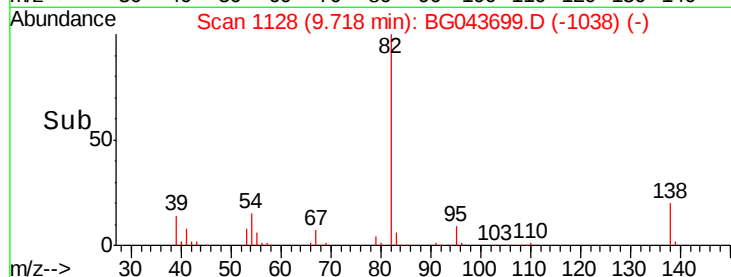
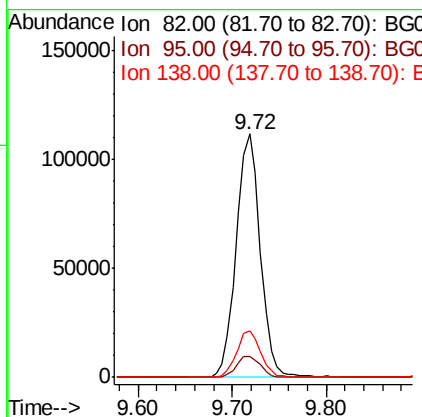
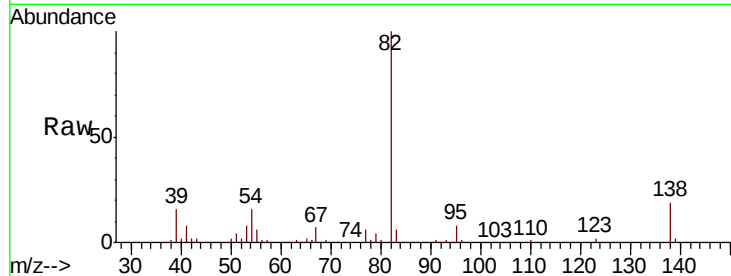
#25
Isophorone
Concen: 43.596 ng
RT: 9.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	198560		
95	8.4		7.4	11.0
138	19.1		15.1	22.7

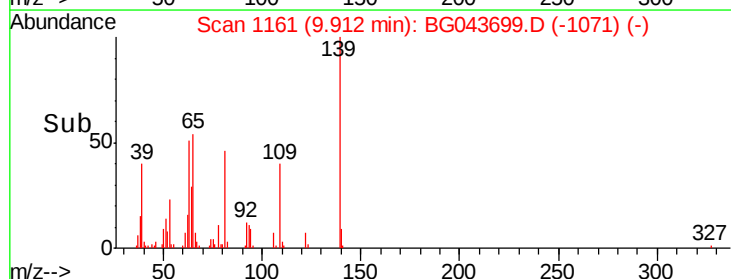
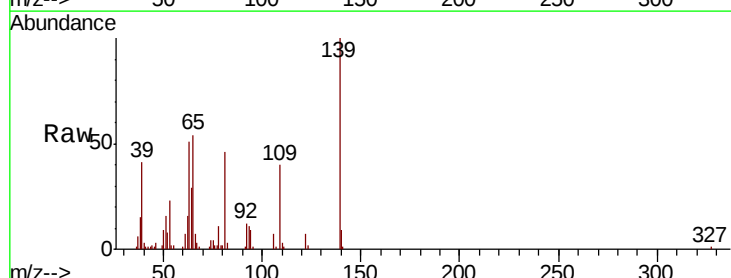
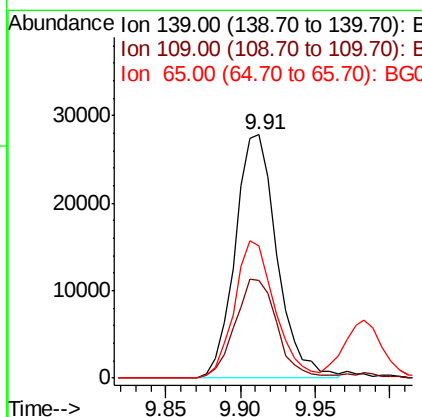
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#26
2-Nitrophenol
Concen: 47.327 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54222		
109	40.1		32.6	48.8
65	54.2		47.6	71.4





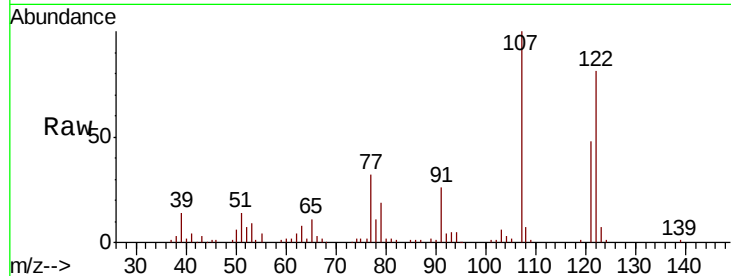
#27
 2,4-Dimethylphenol
 Concen: 55.748 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.9	100.7	151.1		
121	59.0	47.0	70.4		

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:10 AM

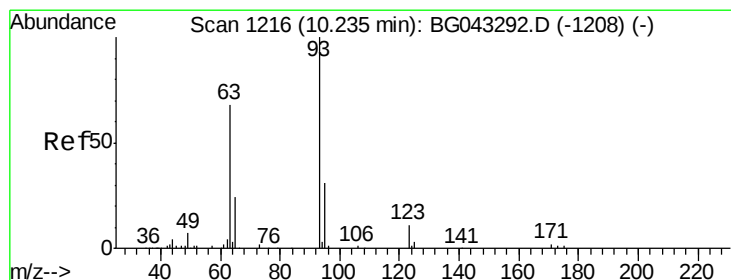
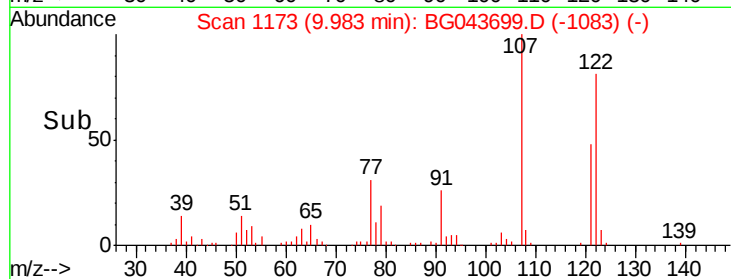
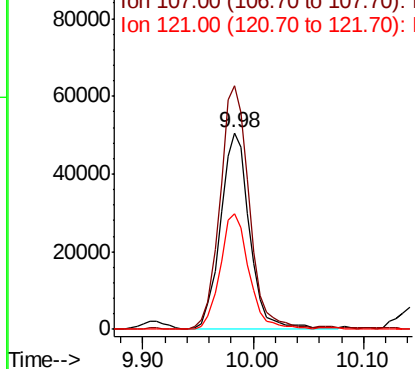


Abundance

Ion 122.00 (121.70 to 122.70): E

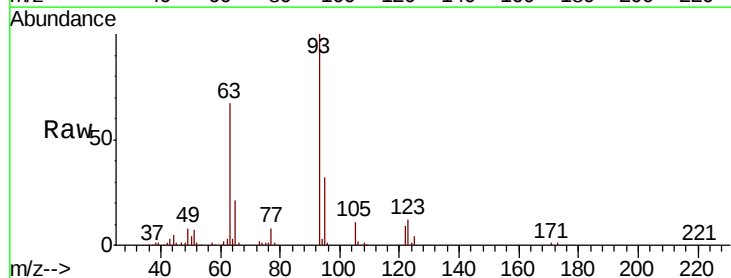
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.860 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	27.5	41.3		
123	12.0	10.7	16.1		

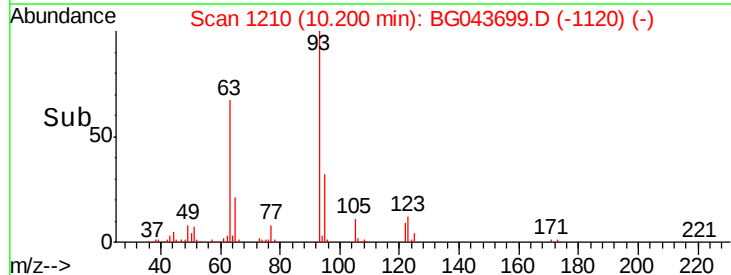
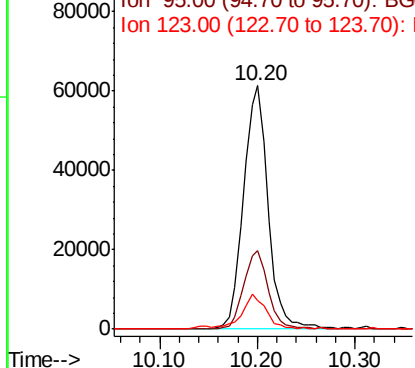


Abundance

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





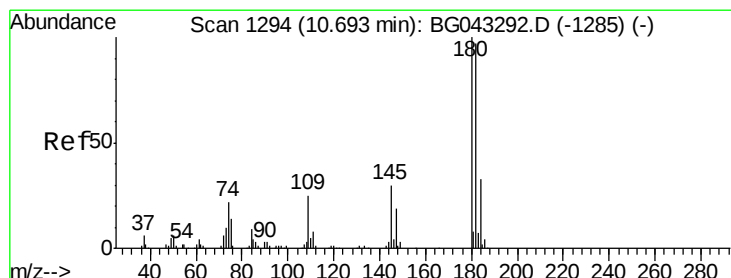
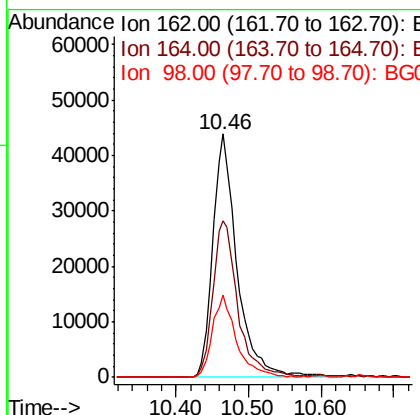
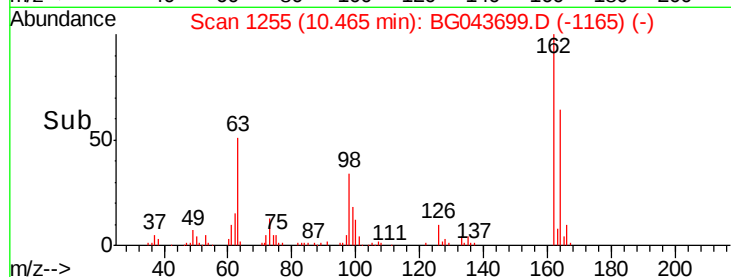
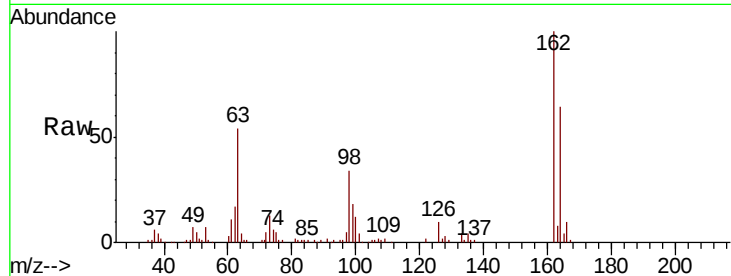
#29
 2,4-Dichlorophenol
 Concen: 48.573 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	102196		
164	64.1	45.4	85.4	
98	33.6	10.1	50.1	

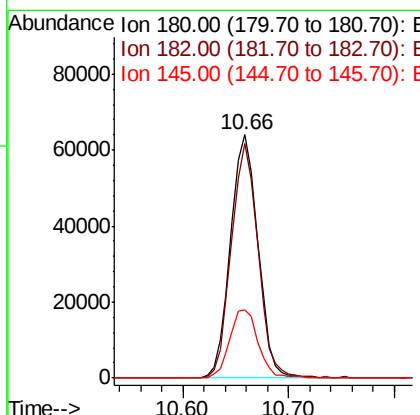
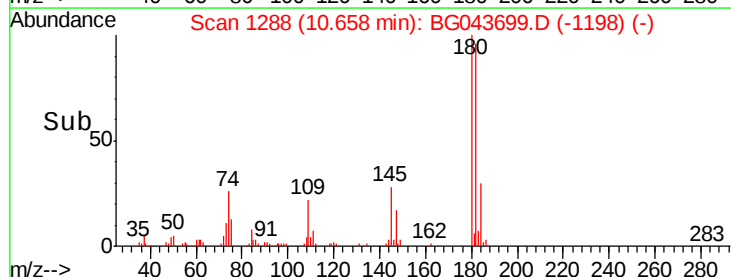
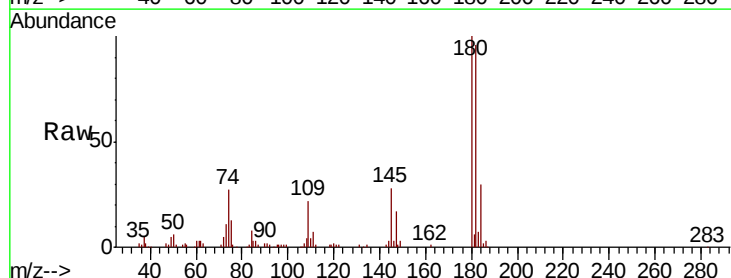
Manual Integrations
 APPROVED

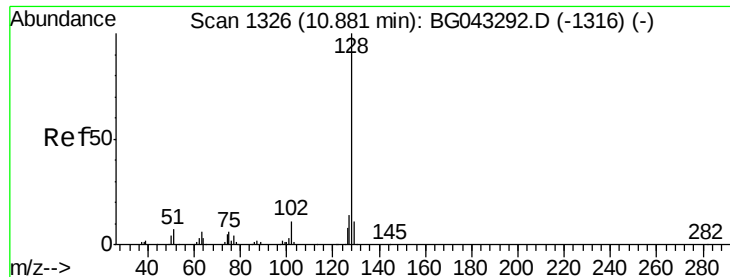
mohammad
 11/21/2019 9:04:10 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.332 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114906		
182	96.3	74.5	111.7	
145	28.3	21.4	32.0	





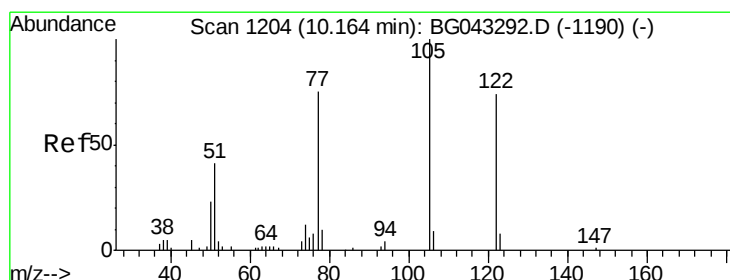
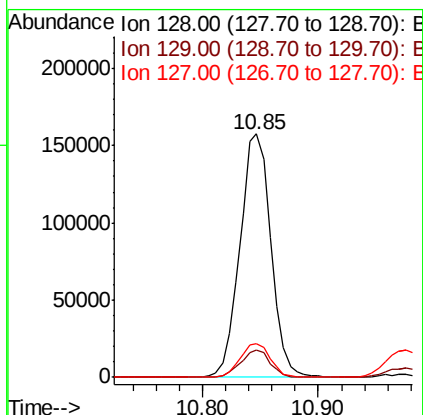
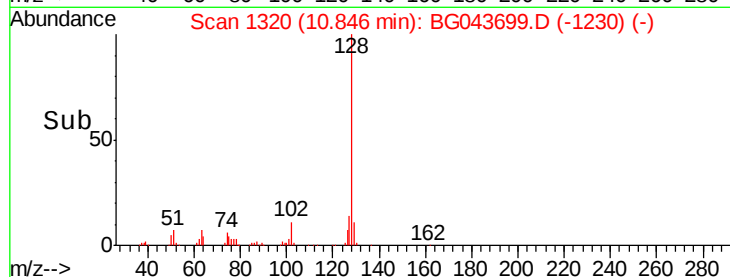
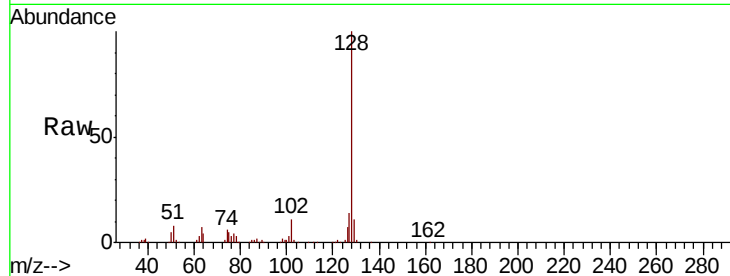
#31
Naphthalene
Concen: 45.044 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.6	11.0	16.4

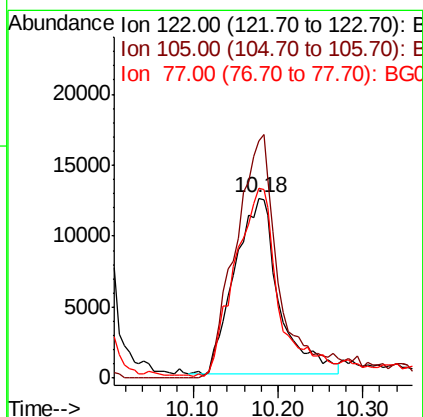
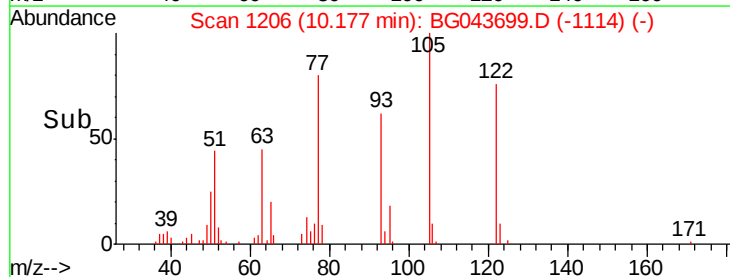
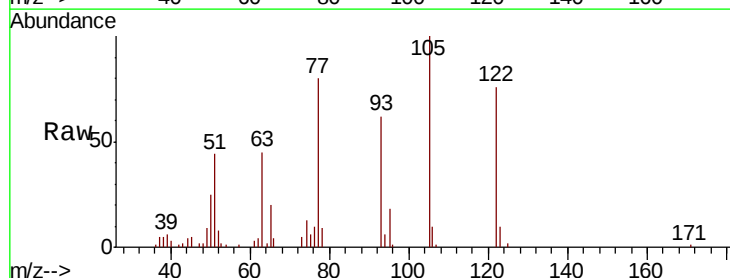
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#32
Benzoic acid
Concen: 38.669 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	101.8	141.8
77	105.4	86.8	126.8





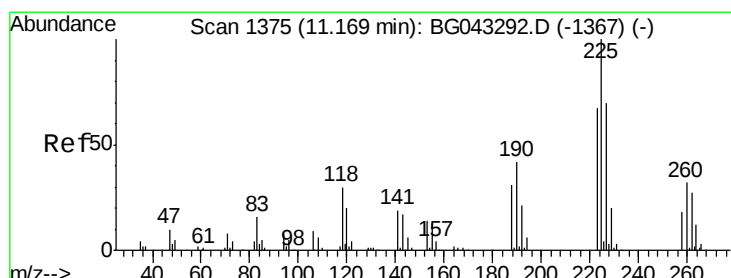
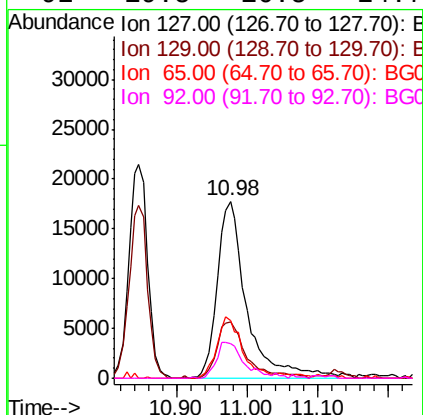
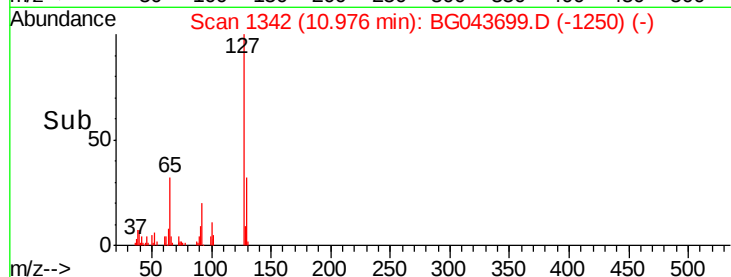
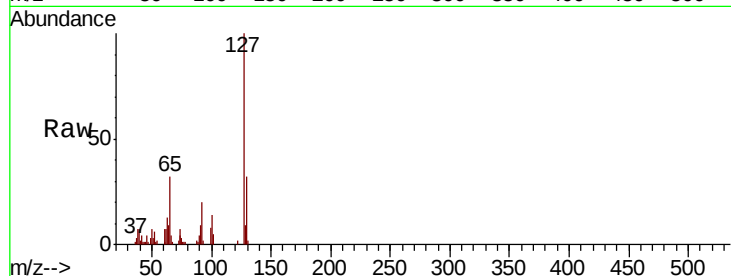
#33
4-Chloroaniline
Concen: 19.183 ng
RT: 10.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	28.0	42.0
65	32.2	28.3	42.5
92	19.5	16.5	24.7

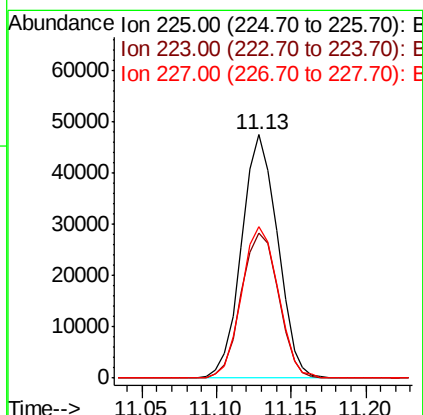
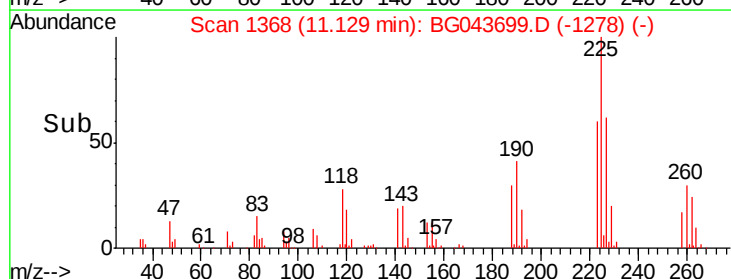
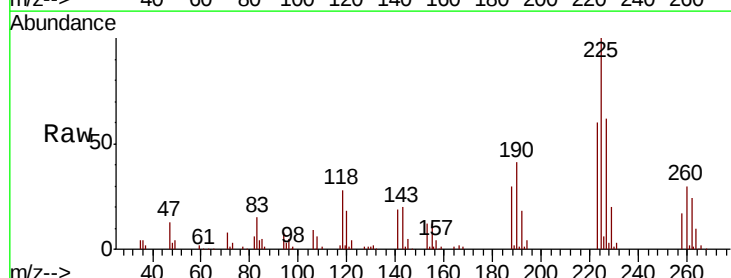
Manual Integrations
APPROVED

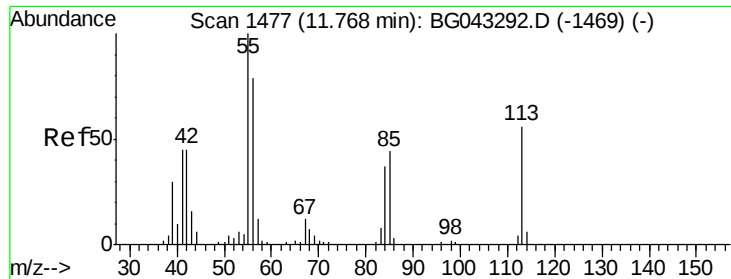
mohammad
11/21/2019 9:04:10 AM



#34
Hexachlorobutadiene
Concen: 40.484 ng
RT: 11.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.6	73.0
227	62.3	49.1	73.7





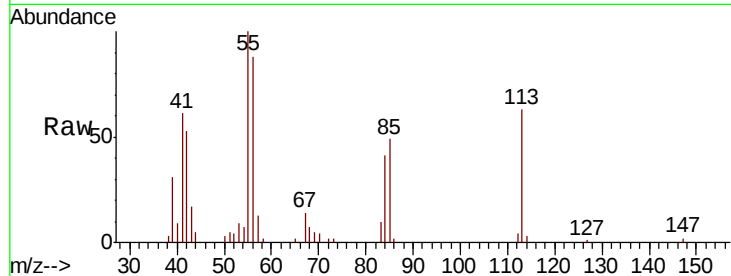
#35
Caprolactam
Concen: 45.768 ng/ml
RT: 11.75 min Scan# 1473
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.2	154.4	194.4
56	139.5	112.9	152.9

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

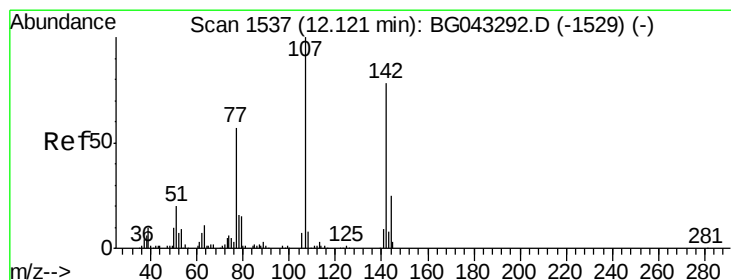
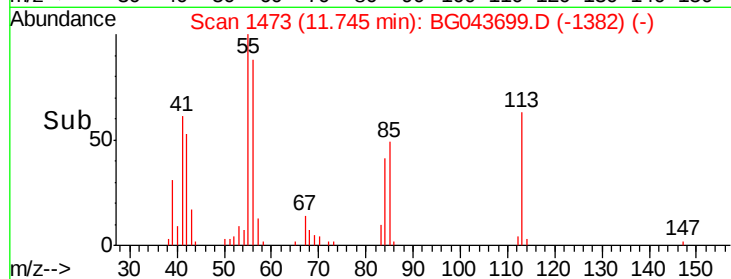
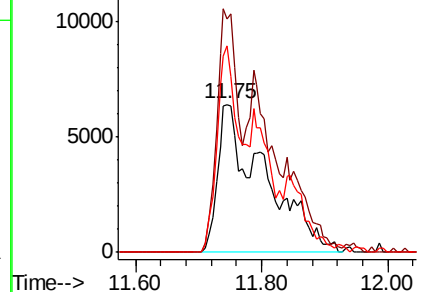


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36
4-Chloro-3-methylphenol
Concen: 47.980 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

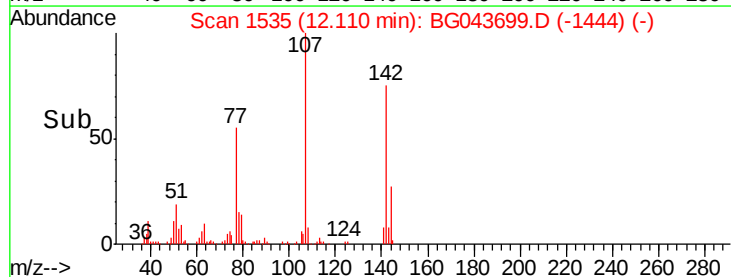
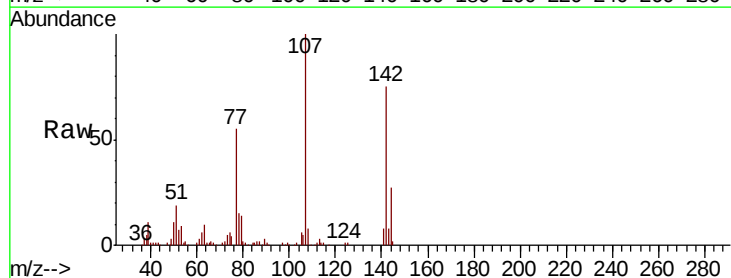
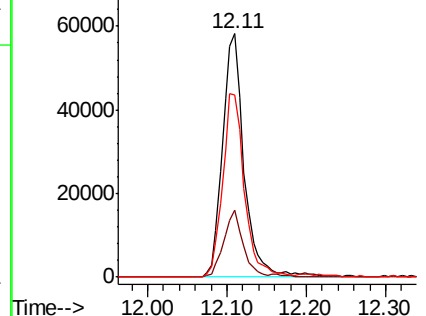
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.7	32.5
142	74.6	67.2	100.8

Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





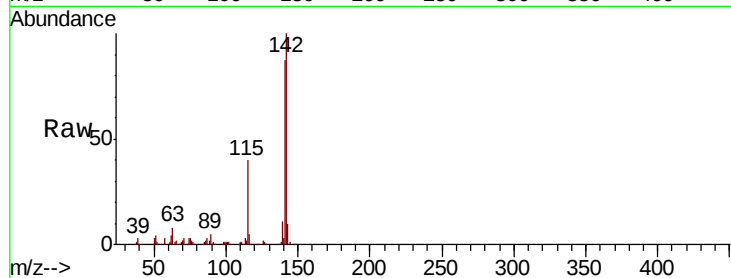
#37
2-Methylnaphthalene
Concen: 45.538 ng
RT: 12.45 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.2	106.8
115	40.3	31.9	47.9

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

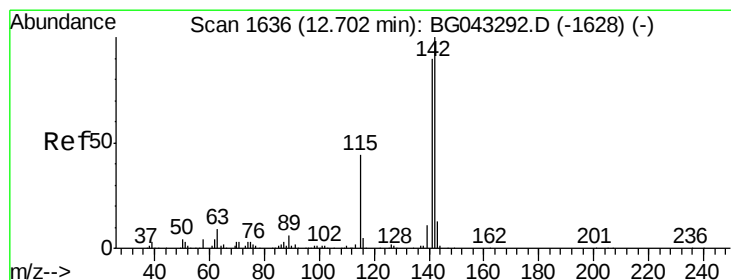
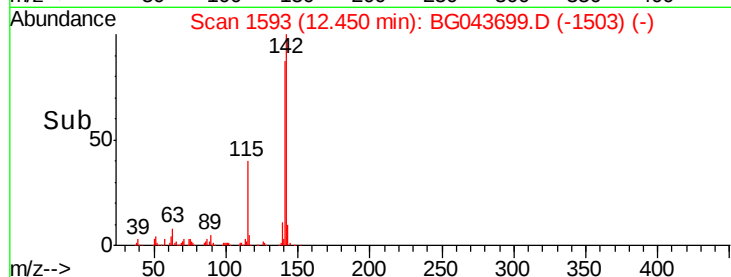
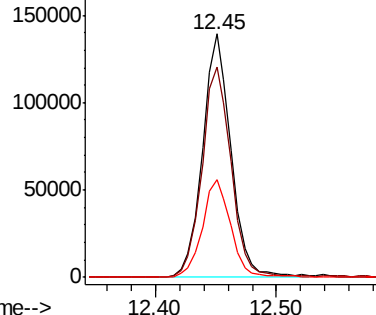


Abundance

Ion 142.00 (141.70 to 142.70): E

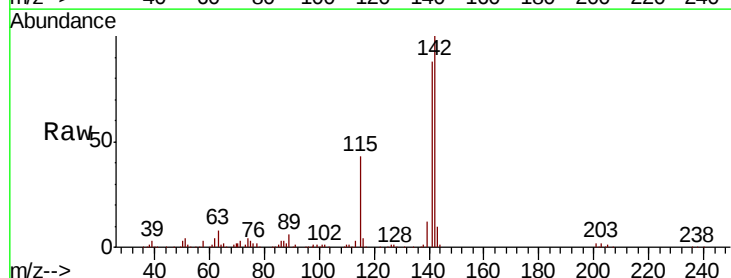
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.398 ng
RT: 12.67 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.5	111.7
116	4.2	3.8	5.6

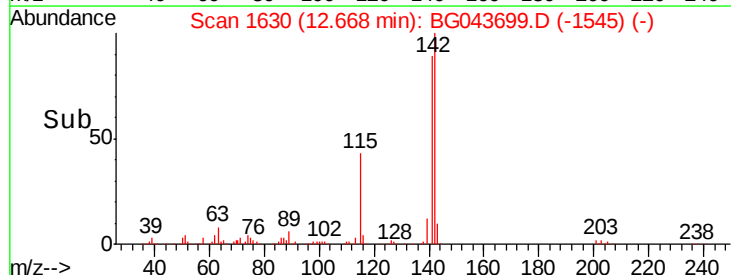
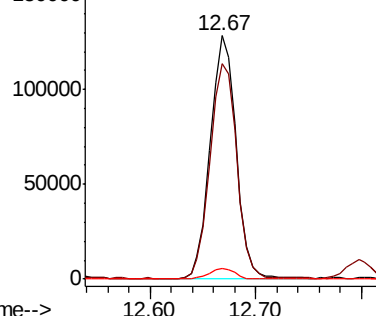


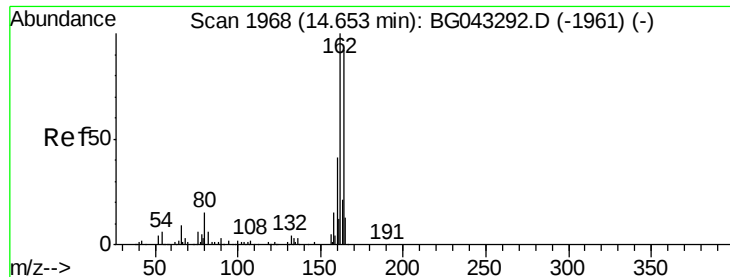
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

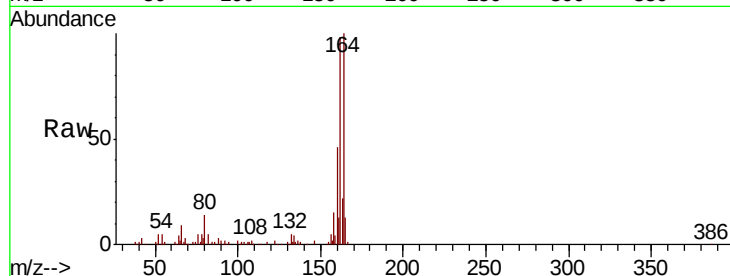
ClientSampleId :

PB124903BS

Tot Ion:	164	Resp:	96810
Ion Ratio	Lower	Upper	
164	100		
162	97.9	79.4	119.2
160	45.7	36.3	54.5

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

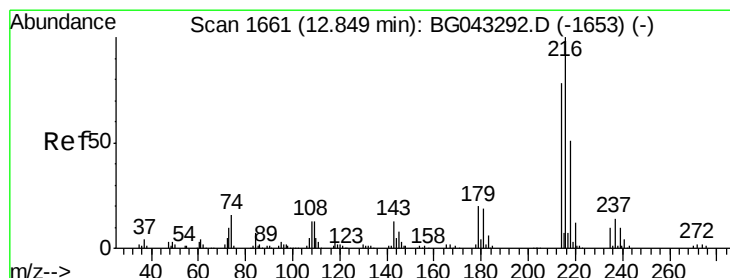
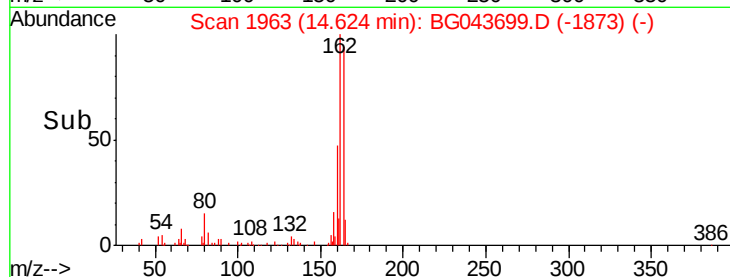
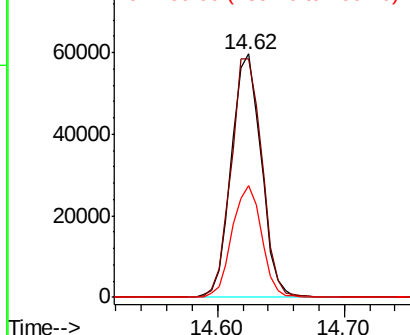


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.950 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	216	Resp:	146715
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.8	94.2
179	19.5	16.5	24.7
108	16.3	12.7	19.1

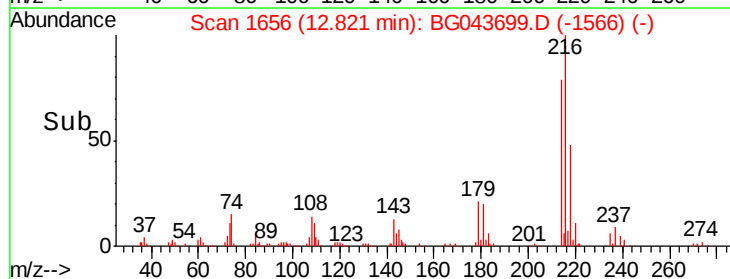
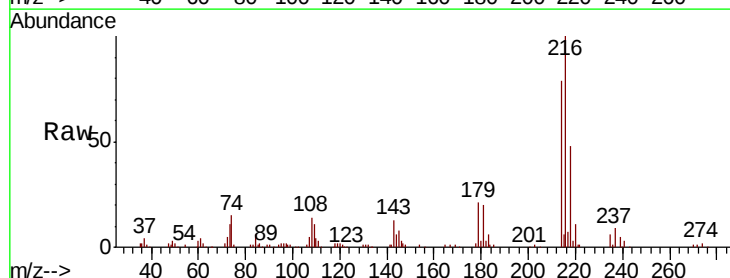
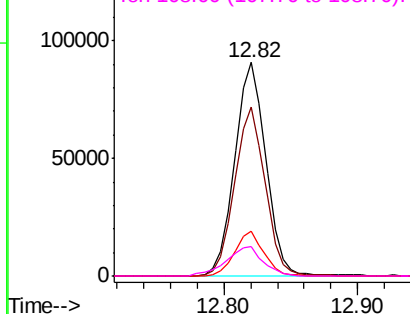
Abundance

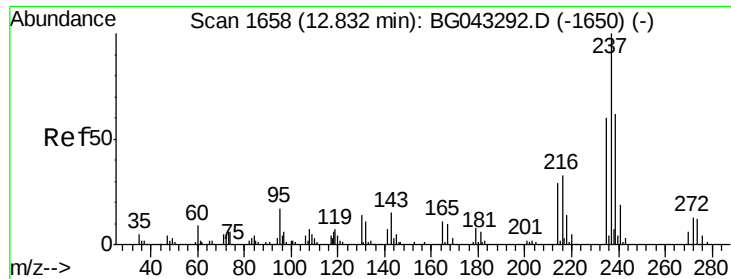
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





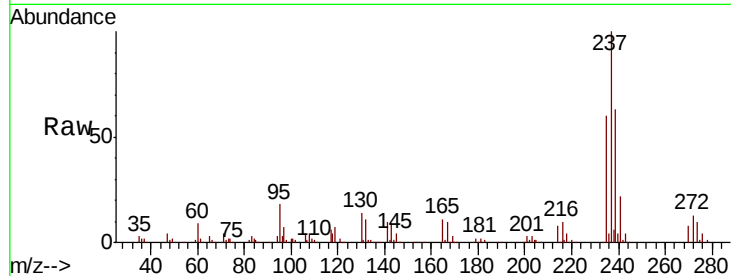
#41
Hexachlorocyclopentadiene
Concen: 86.422 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

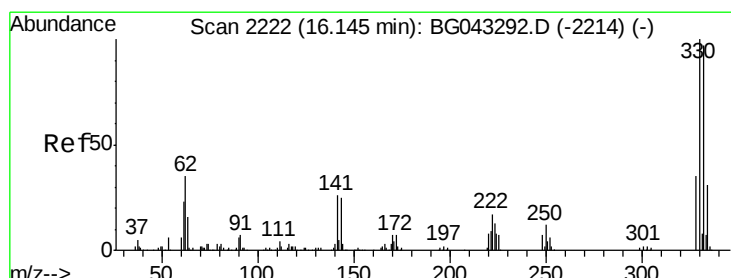
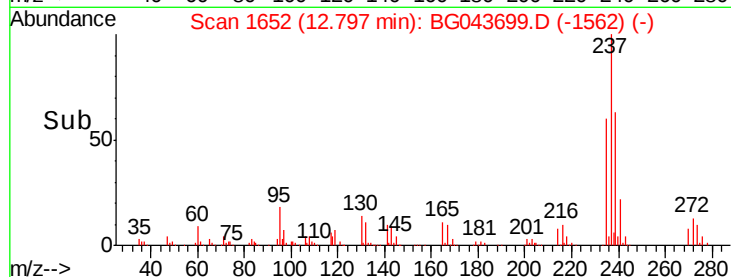
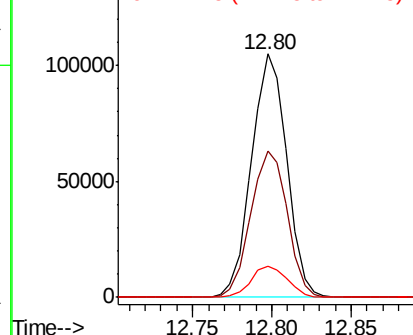
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.3	42.2	82.2
272	12.7	0.0	32.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



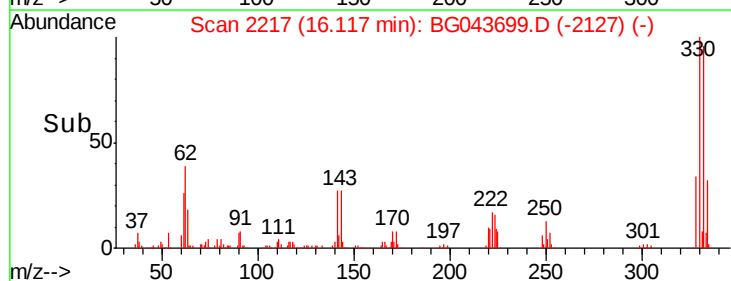
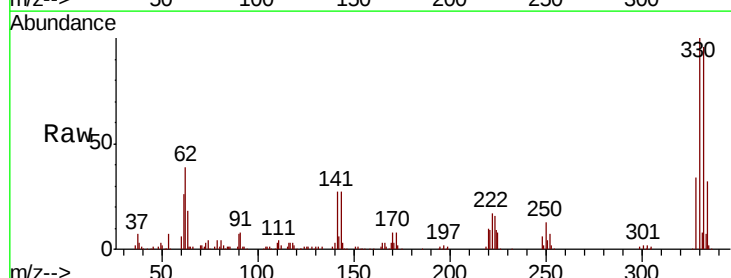
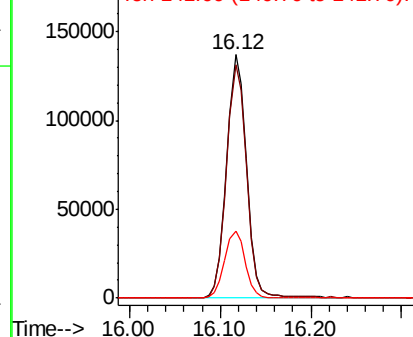
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 113.923 ng
RT: 16.12 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	76.6	115.0
141	28.7	23.4	35.2

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





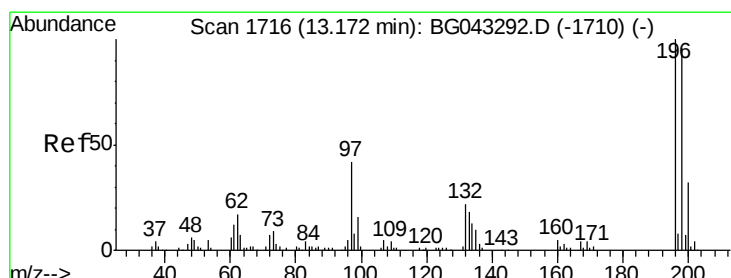
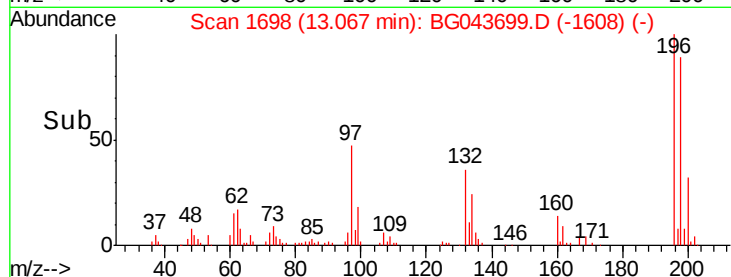
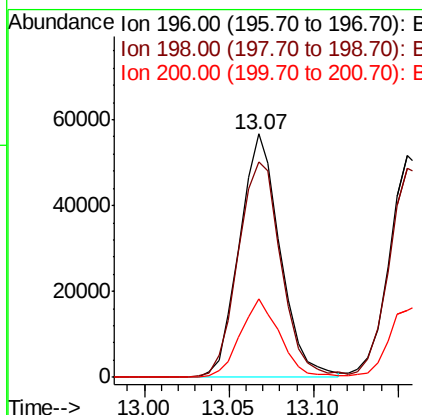
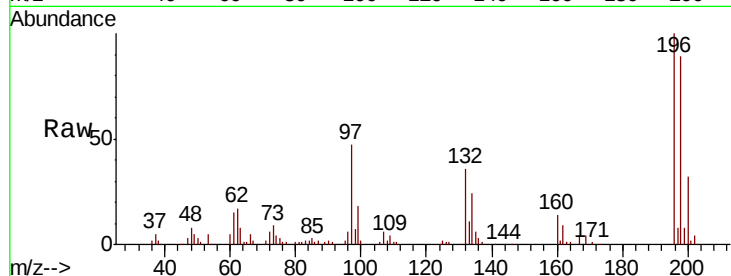
#43
 2,4,6-Trichlorophenol
 Concen: 45.020 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94989		
198	88.7	81.3	121.9	
200	32.2	28.2	42.2	

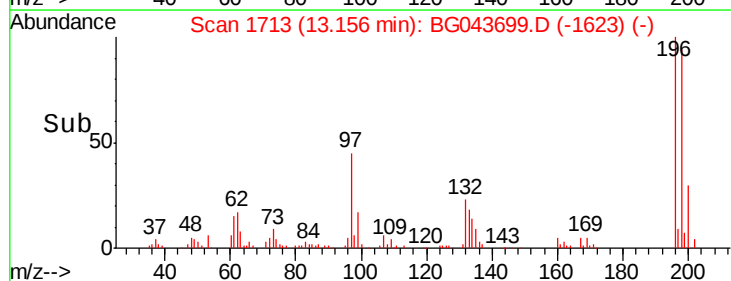
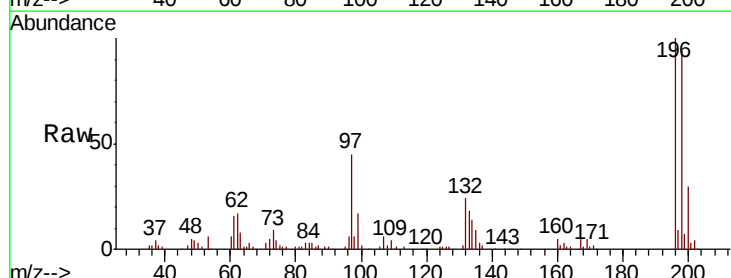
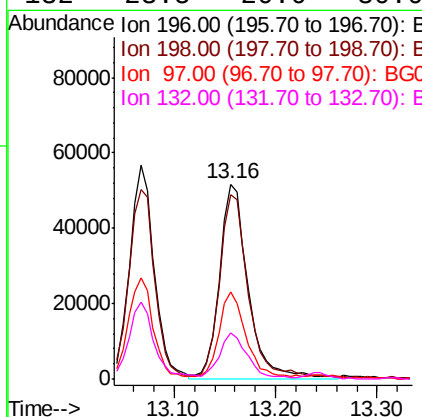
Manual Integrations
 APPROVED

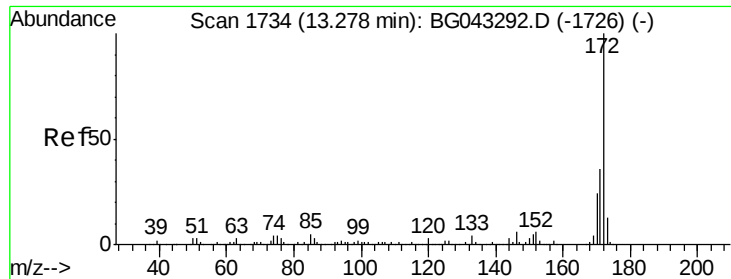
mohammad
 11/21/2019 9:04:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.652 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101648		
198	94.4	77.4	116.2	
97	44.6	35.9	53.9	
132	23.5	20.0	30.0	





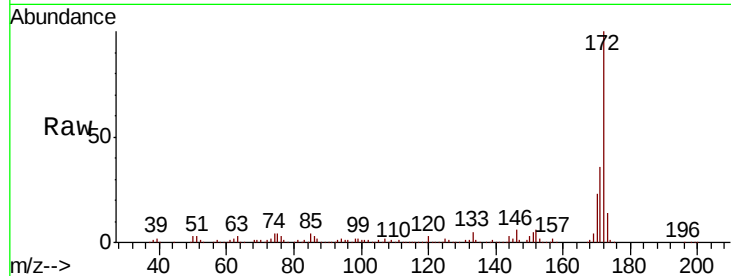
#45
2-Fluorobiphenyl
Concen: 65.703 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	22.8	18.8	28.2

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

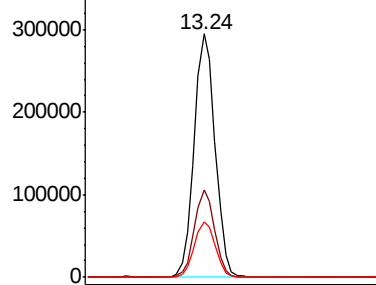


Abundance

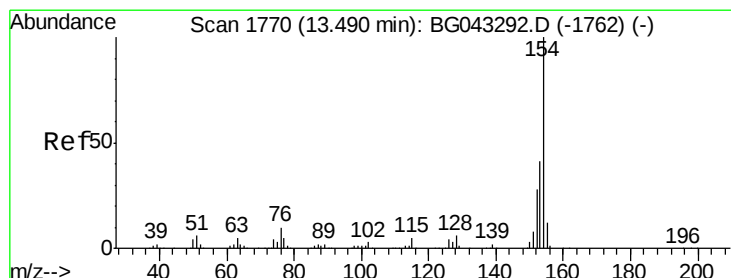
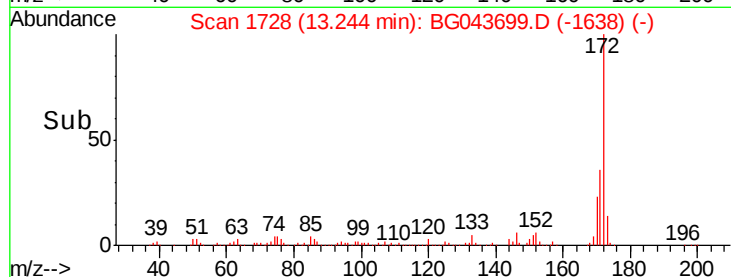
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

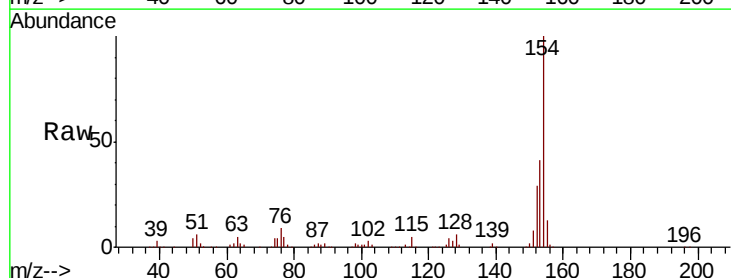


Time-->



#46
1,1'-Biphenyl
Concen: 41.425 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.6	62.6
76	9.3	0.0	29.1

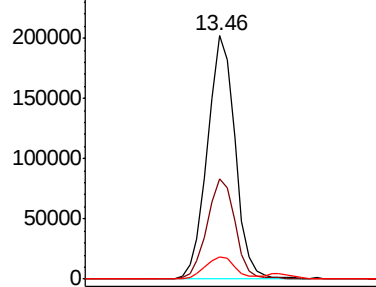


Abundance

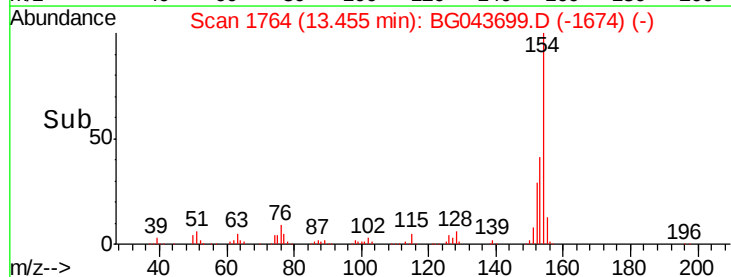
Ion 154.00 (153.70 to 154.70): E

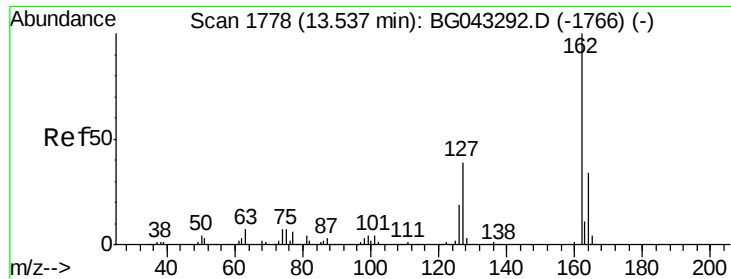
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time-->





#47

2-Chloronaphthalene

Concen: 42.906 ng

RT: 13.50 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

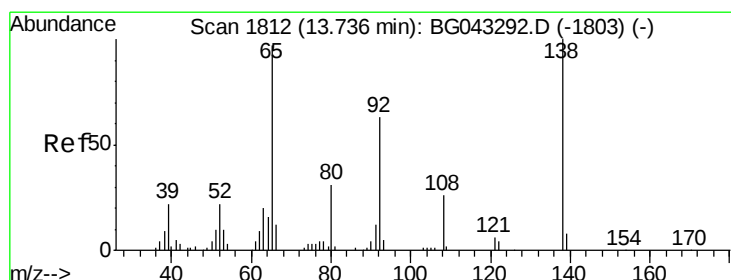
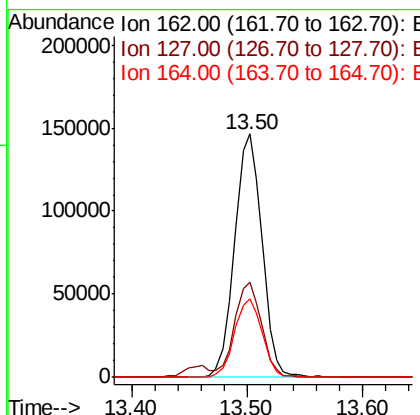
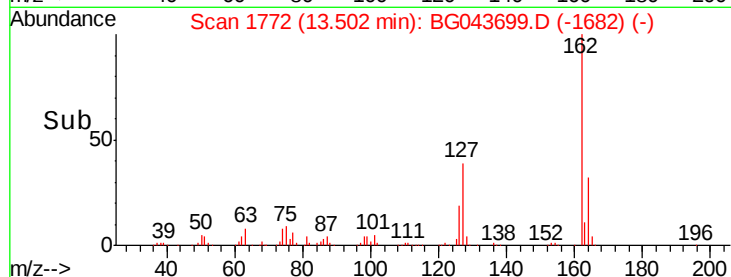
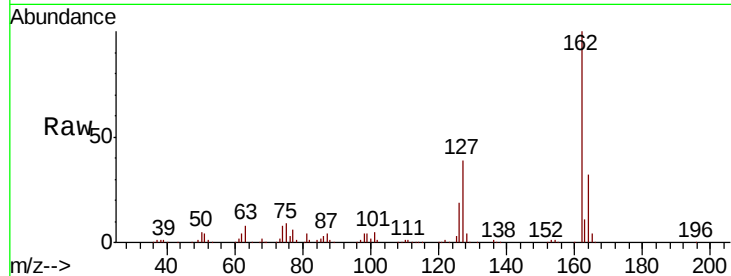
ClientSampleId :

PB124903BS

Tot Ion:	162	Resp:	240432
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.8	49.2
164	32.4	27.8	41.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#48

2-Nitroaniline

Concen: 44.271 ng

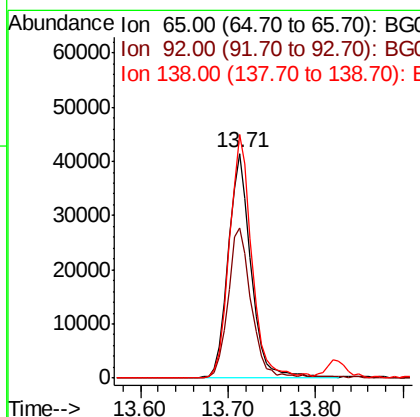
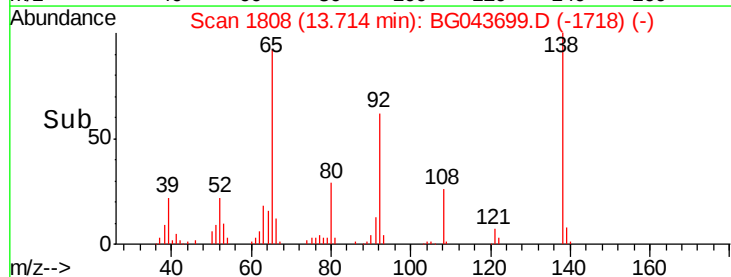
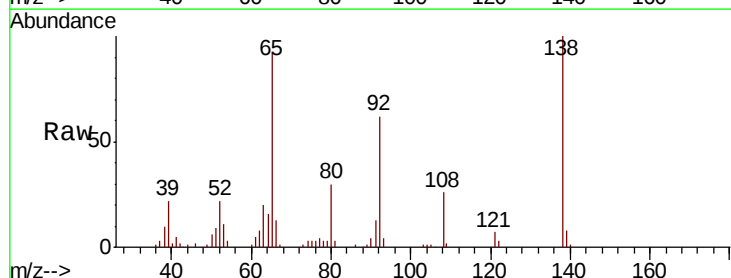
RT: 13.71 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	65	Resp:	74145
Ion Ratio	Lower	Upper	
65	100		
92	67.2	54.9	82.3
138	108.5	85.0	127.6





#49

Acenaphthylene

Concen: 44.522 ng

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

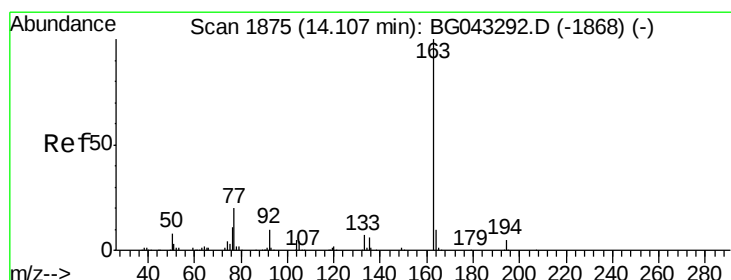
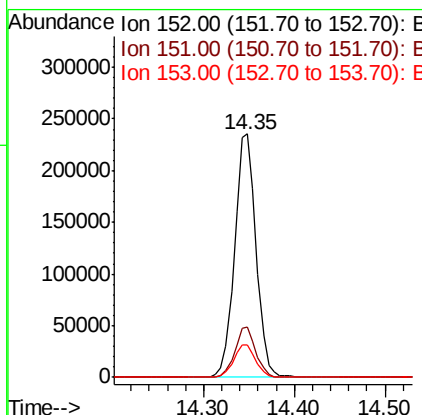
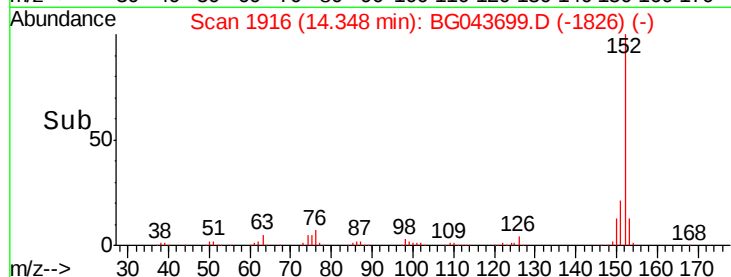
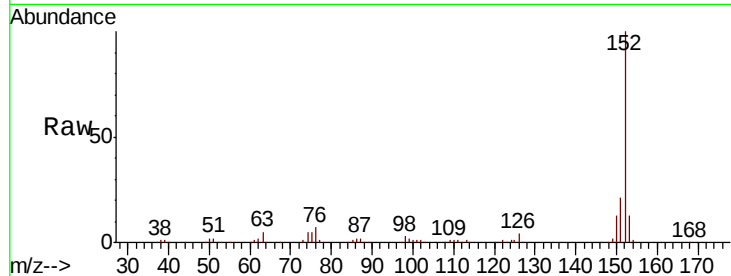
ClientSampleId :

PB124903BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		388291		
151	20.9	16.1	24.1		
153	13.1	11.0	16.4		

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#50

Dimethylphthalate

Concen: 42.544 ng

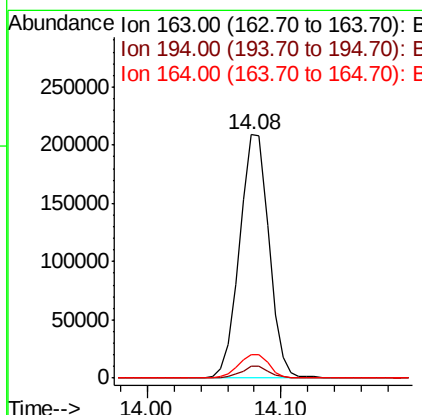
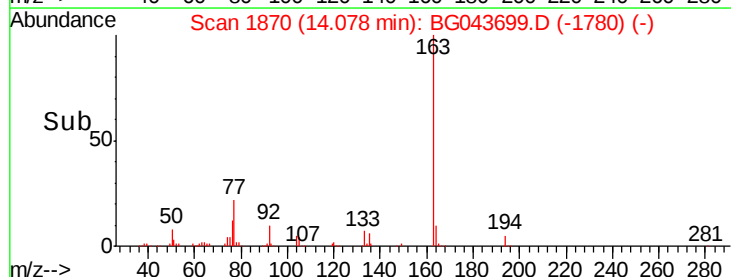
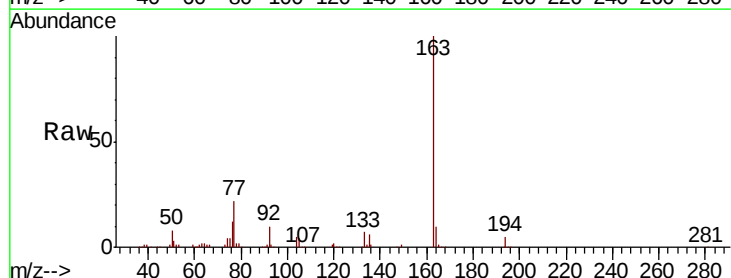
RT: 14.08 min Scan# 1870

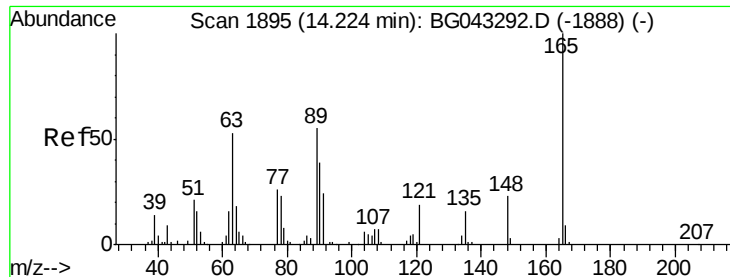
Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		319022		
194	5.0	3.8	5.8		
164	9.7	8.5	12.7		





#51

2,6-Dinitrotoluene

Concen: 44.316 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

ClientSampleId :

PB124903BS

Tot Ion:165 Resp: 72194

Ion Ratio Lower Upper

165 100

63 60.2 45.0 67.6

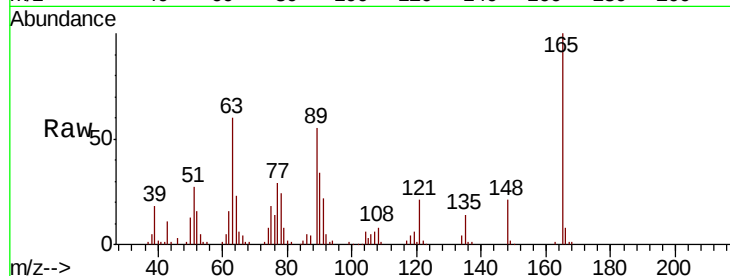
89 54.8 39.8 59.8

Manual Integrations

APPROVED

mohammad

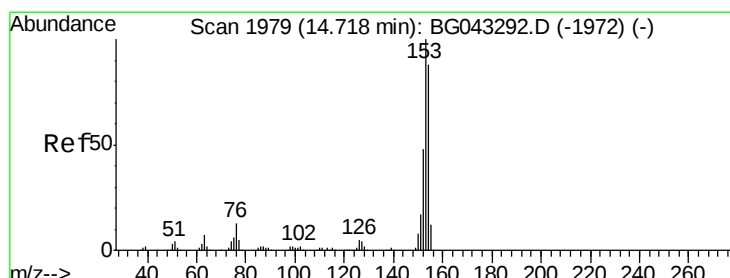
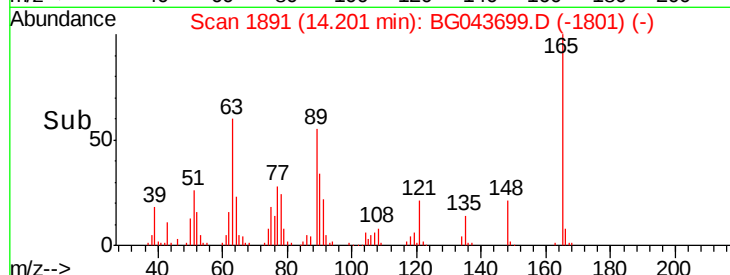
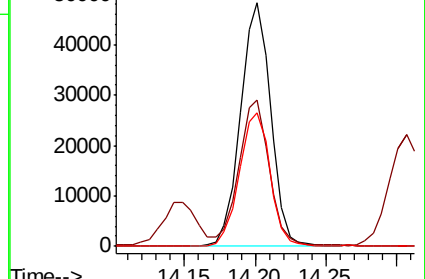
11/21/2019 9:04:10 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.684 ng

RT: 14.69 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

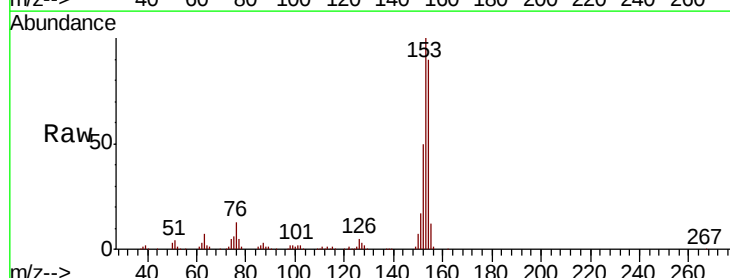
Tgt Ion:154 Resp: 232335

Ion Ratio Lower Upper

154 100

153 110.8 89.2 133.8

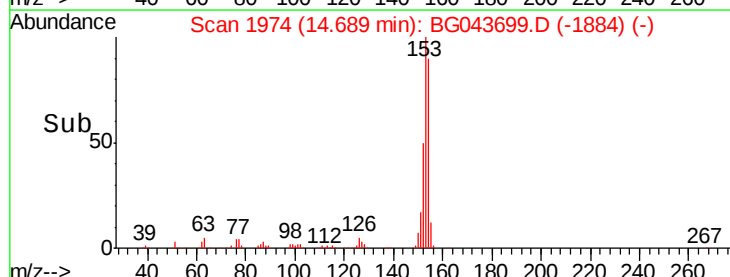
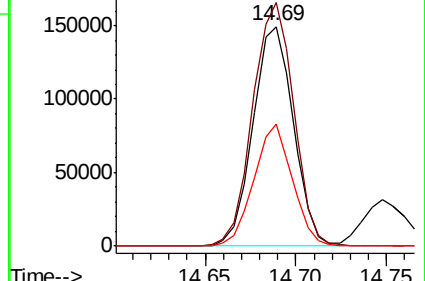
152 55.4 41.4 62.0

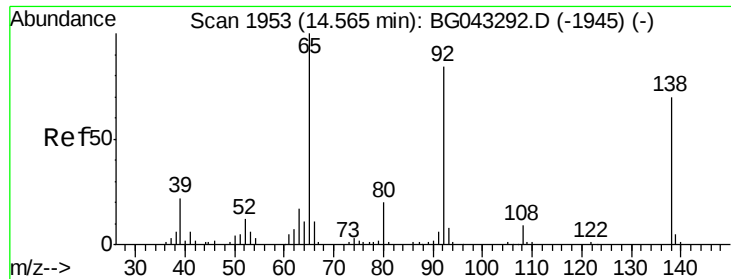


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





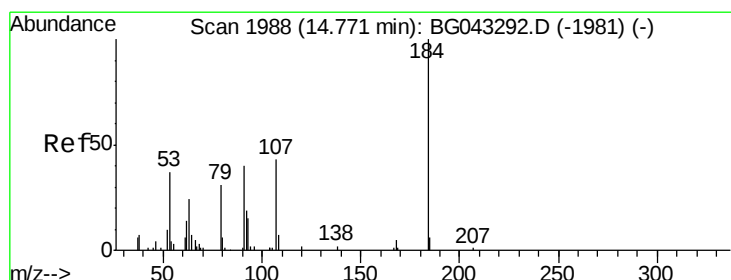
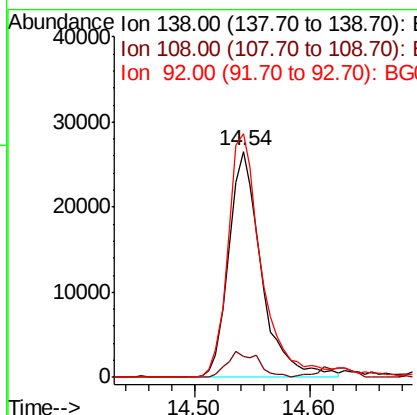
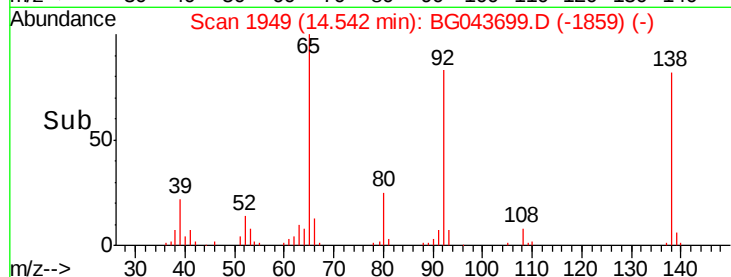
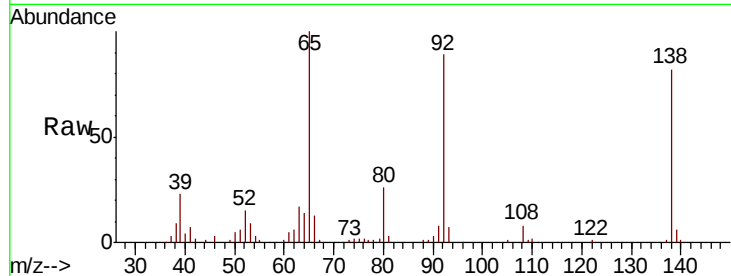
#53
3-Nitroaniline
Concen: 33.136 ng
RT: 14.54 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion:138 Resp: 52117
Ion Ratio Lower Upper
138 100
108 9.4 9.8 14.8#
92 107.9 88.1 132.1

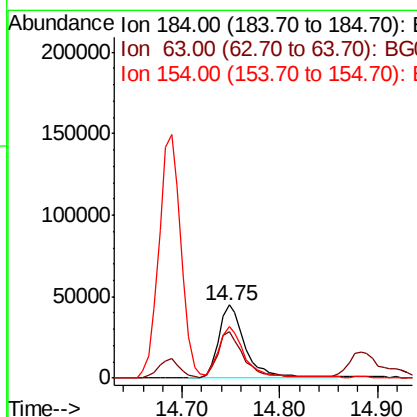
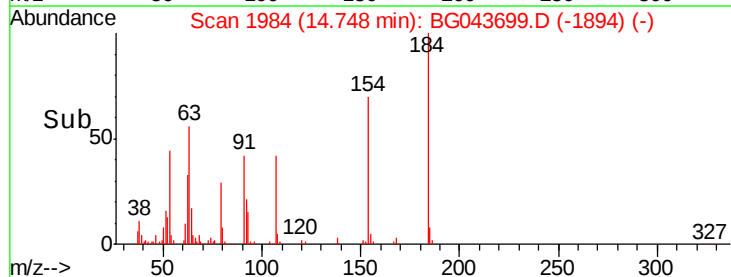
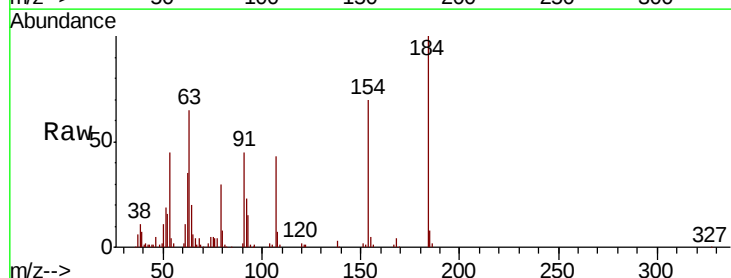
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#54
2,4-Dinitrophenol
Concen: 83.534 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion:184 Resp: 85336
Ion Ratio Lower Upper
184 100
63 64.7 59.0 88.4
154 70.2 57.4 86.2





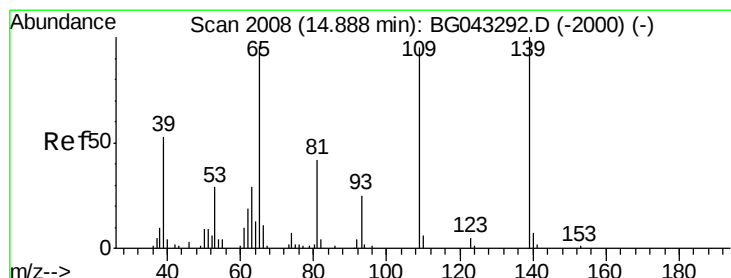
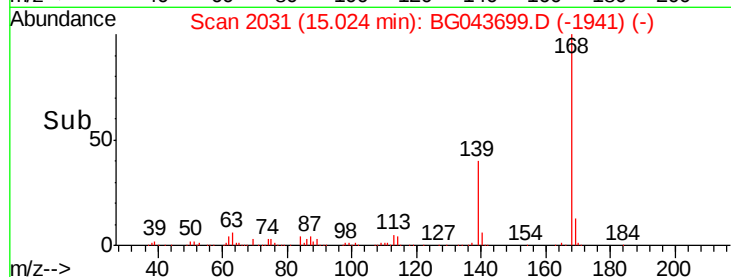
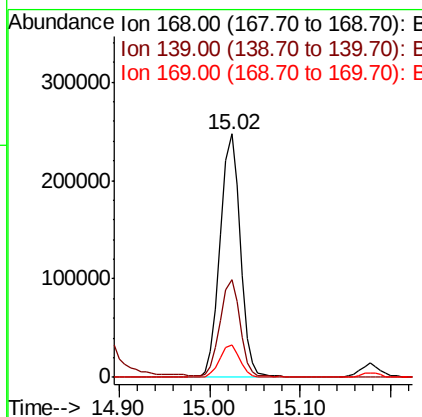
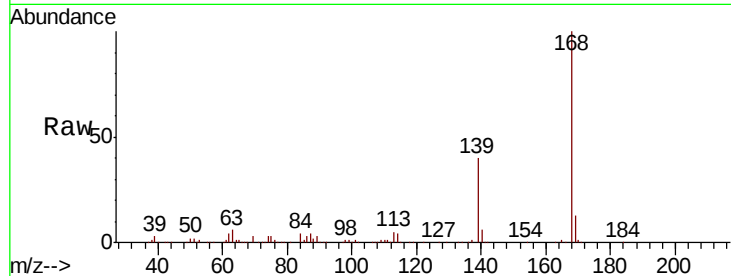
#55
Dibenzofuran
Concen: 44.341 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.7	49.1
169	13.1	10.6	15.8

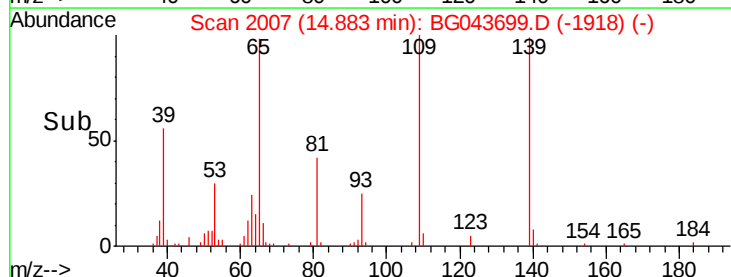
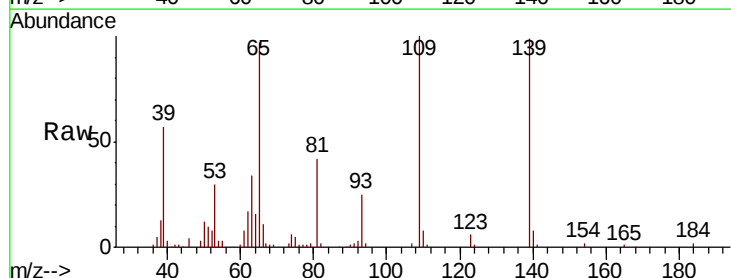
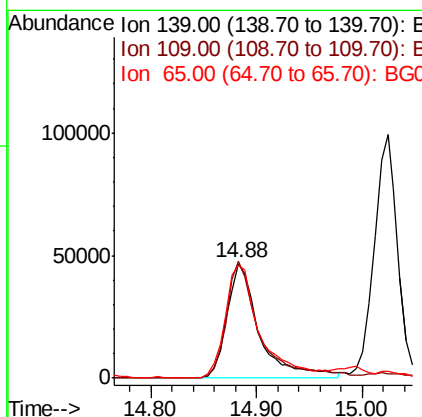
Manual Integrations
APPROVED

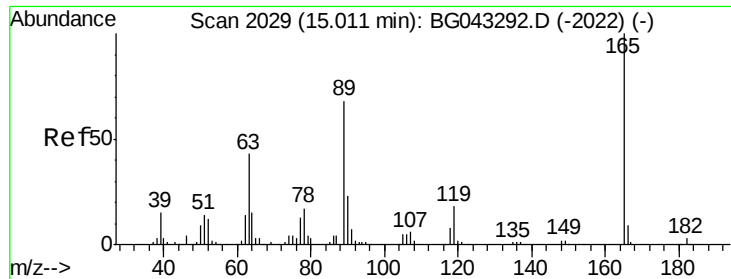
mohammad
11/21/2019 9:04:10 AM



#56
4-Nitrophenol
Concen: 94.329 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.5	64.0	104.0
65	98.8	75.6	115.6





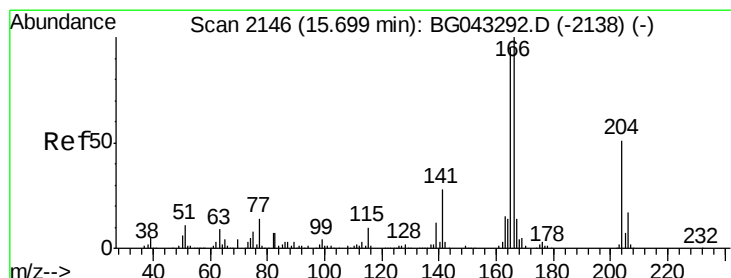
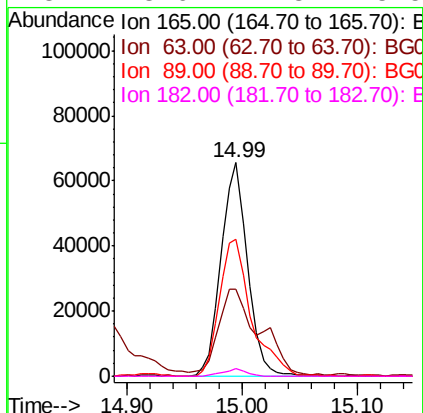
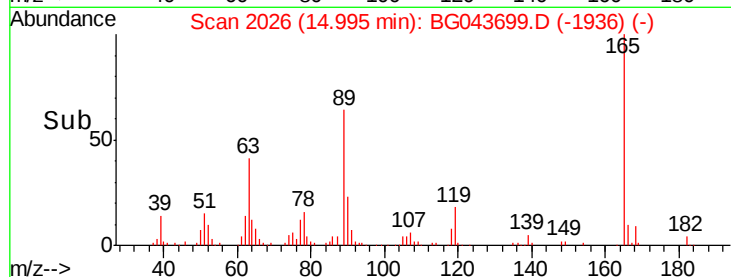
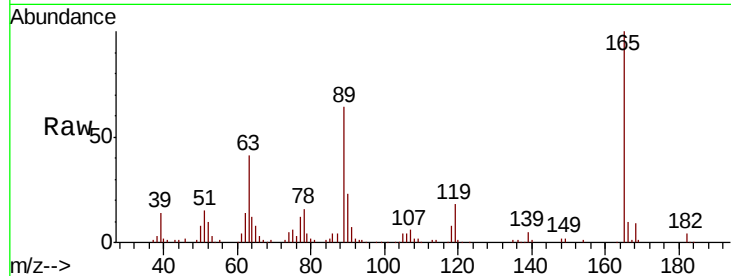
#57
2,4-Dinitrotoluene
Concen: 44.990 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	104742		
63	40.6	37.4	56.0	
89	64.3	50.9	76.3	
182	3.6	2.3	3.5	

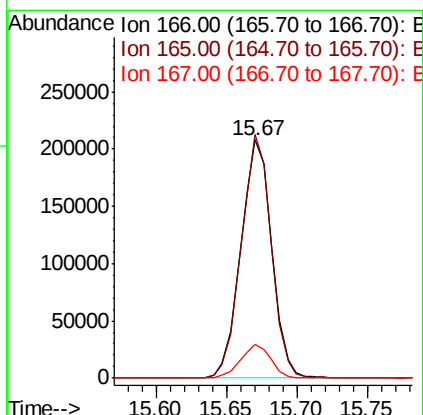
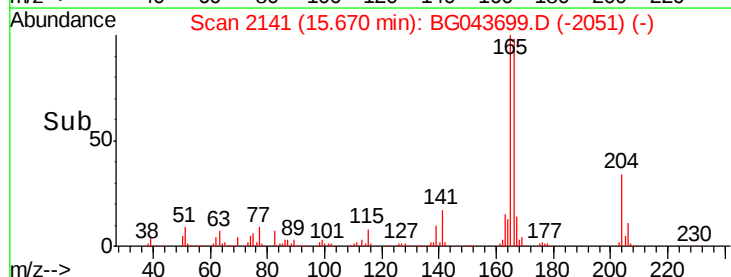
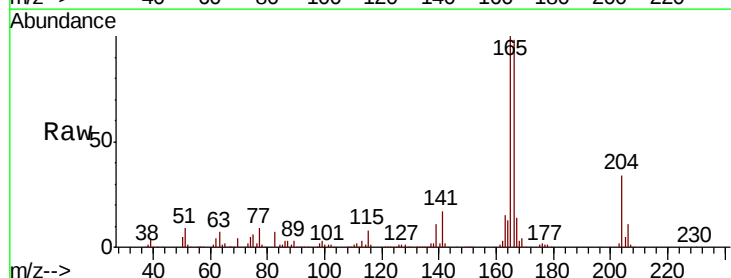
Manual Integrations
APPROVED

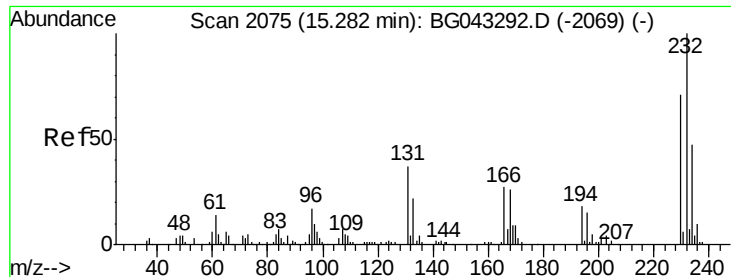
mohammad
11/21/2019 9:04:10 AM



#58
Fluorene
Concen: 43.869 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	317338		
165	102.2	78.4	117.6	
167	13.9	11.2	16.8	





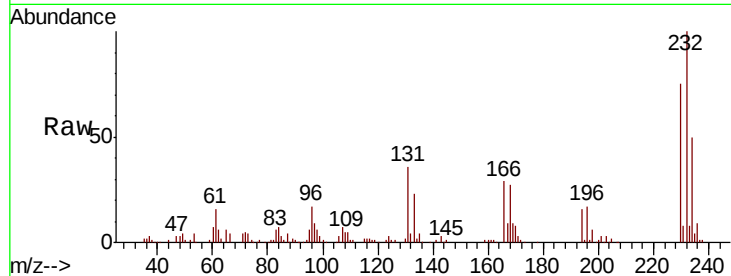
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.805 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	34.8	29.6	44.4	
130	2.0	1.4	2.0	
166	28.2	21.2	31.8	

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:10 AM



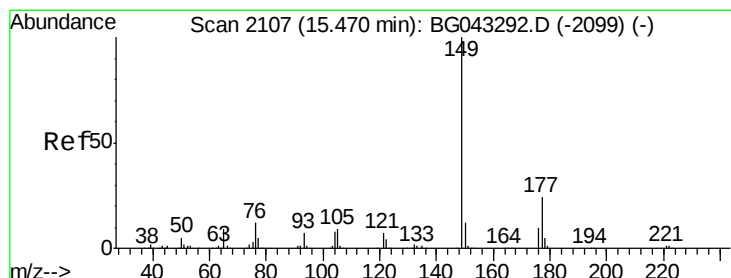
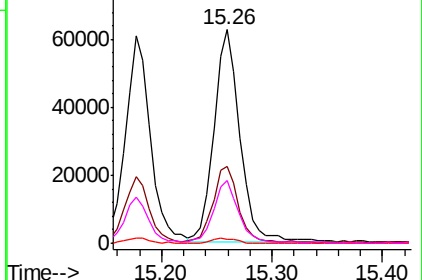
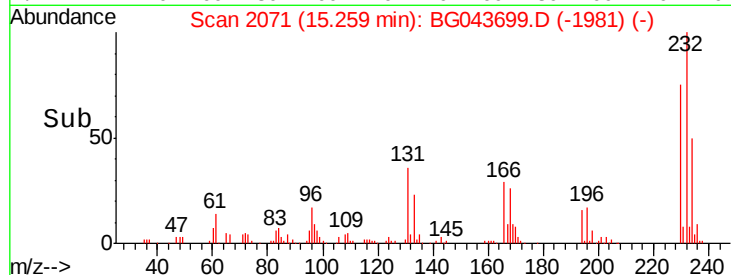
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

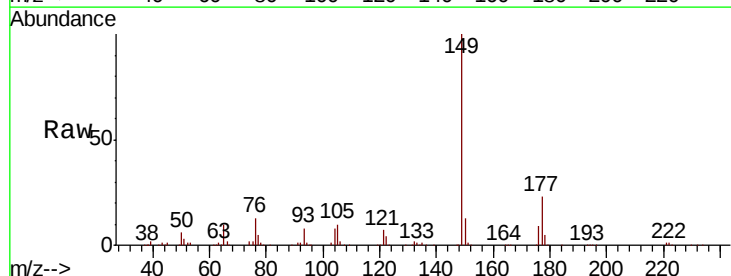
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.616 ng
 RT: 15.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.2	19.3	28.9	
150	12.6	10.5	15.7	

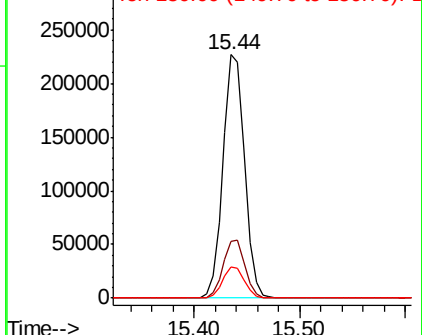
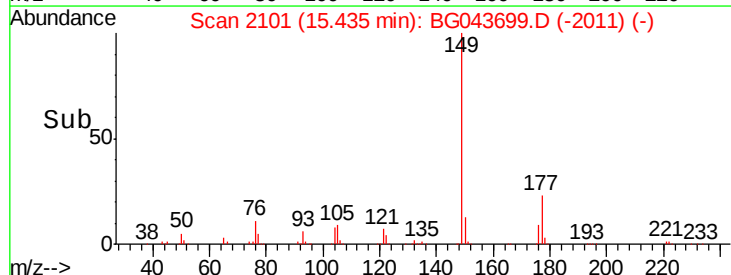


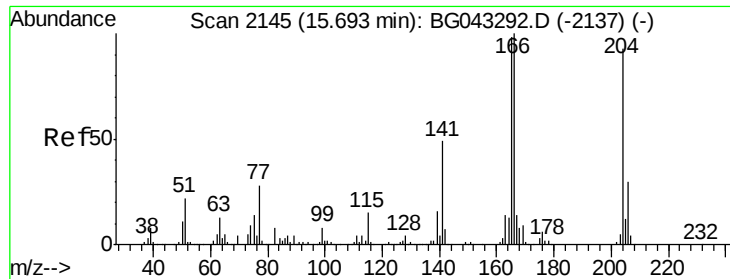
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





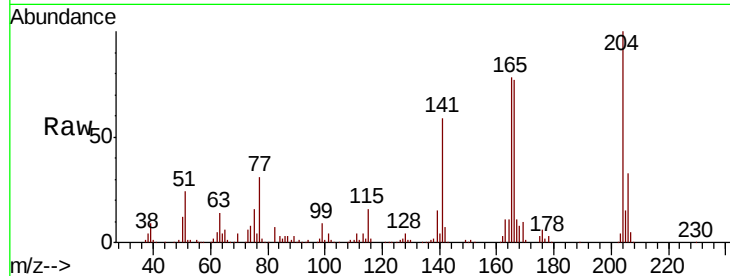
#61
4-Chlorophenyl-phenylether
Concen: 43.219 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.2	42.4
141	58.9	44.5	66.7

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM

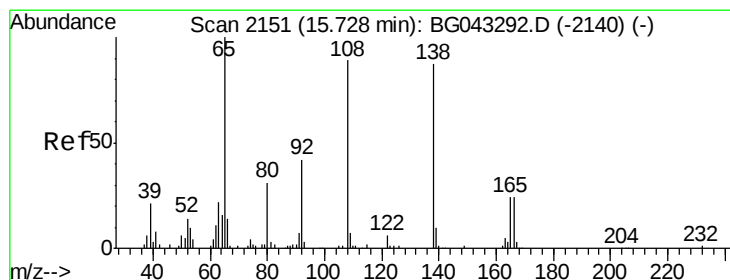
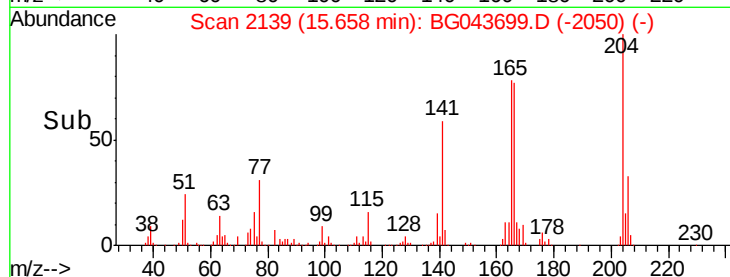
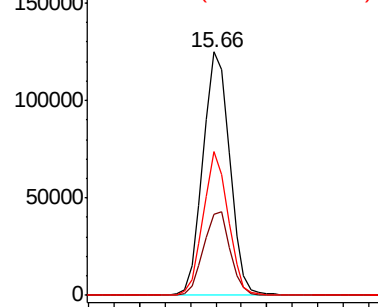


Abundance

Ion 204.00 (203.70 to 204.70): E

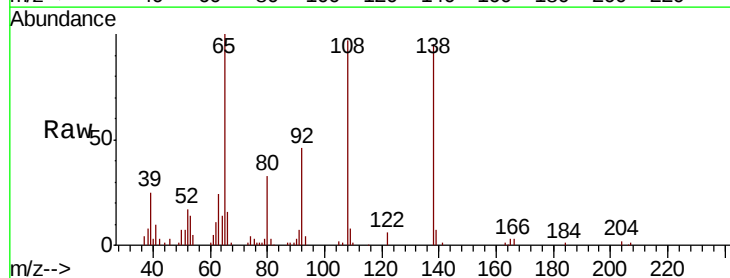
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.848 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.0	71.0
108	103.0	85.0	125.0

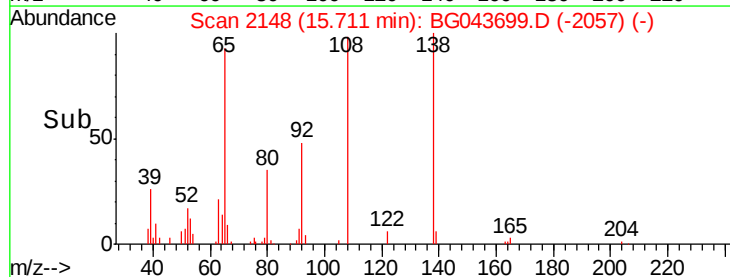
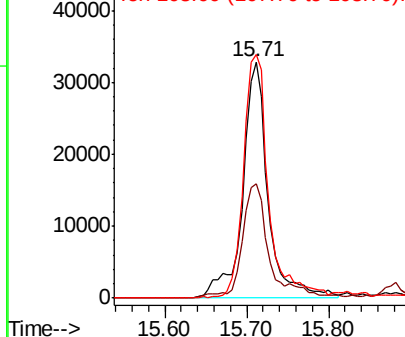


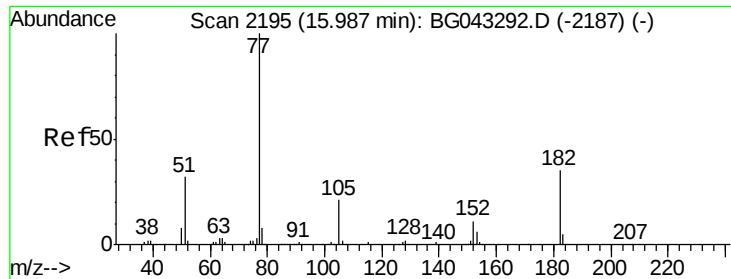
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





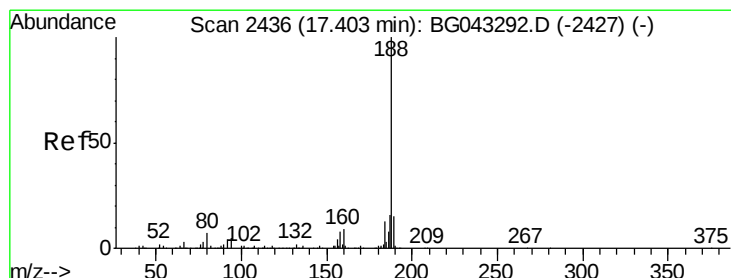
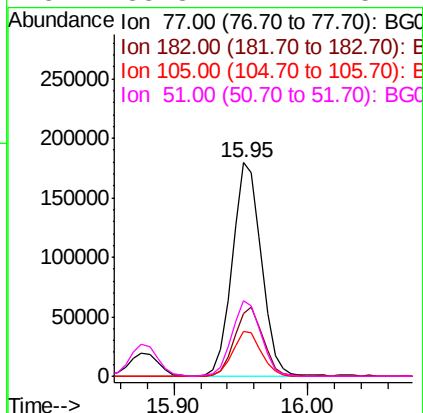
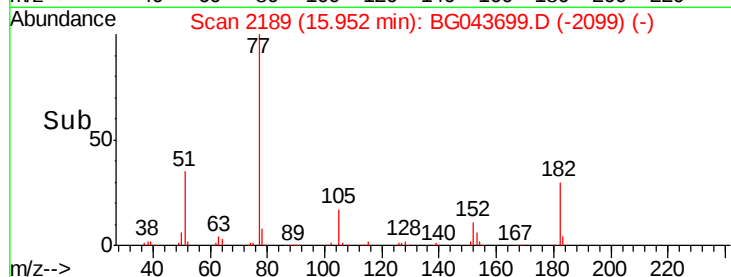
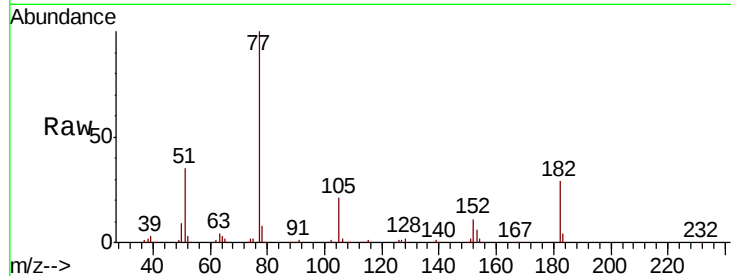
#63
Azobenzene
Concen: 44.390 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.4	11.2	51.2
105	20.7	1.5	41.5
51	35.3	14.7	54.7

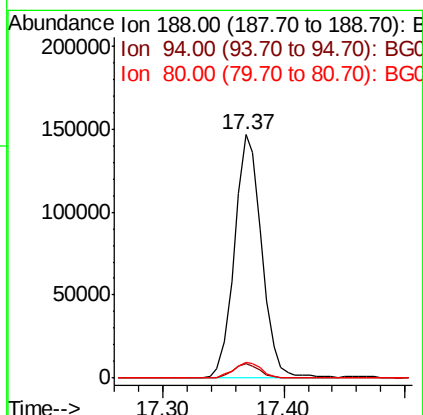
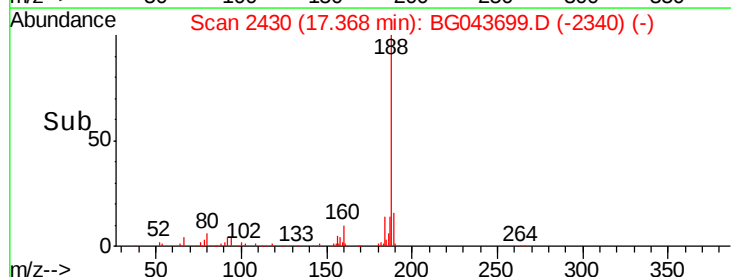
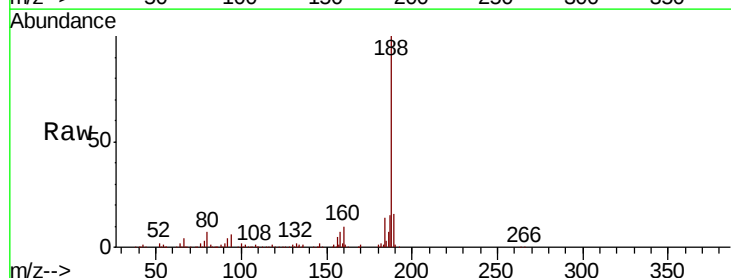
Manual Integrations
APPROVED

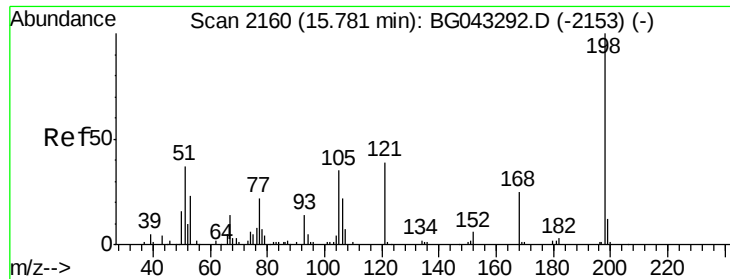
mohammad
11/21/2019 9:04:10 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.6	7.0
80	6.7	5.2	7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.418 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

ClientSampleId :

PB124903BS

Tot Ion:198 Resp: 67008

Ion Ratio Lower Upper

198 100

51 42.2 17.3 57.3

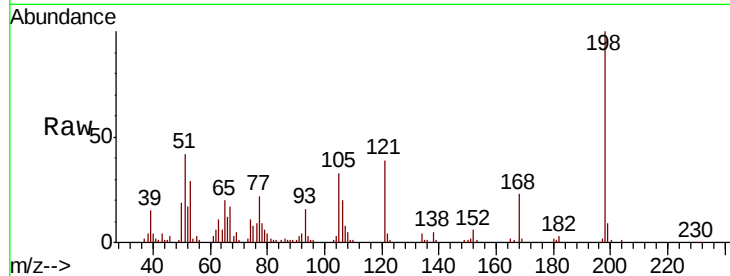
105 33.2 13.9 53.9

Manual Integrations

APPROVED

mohammad

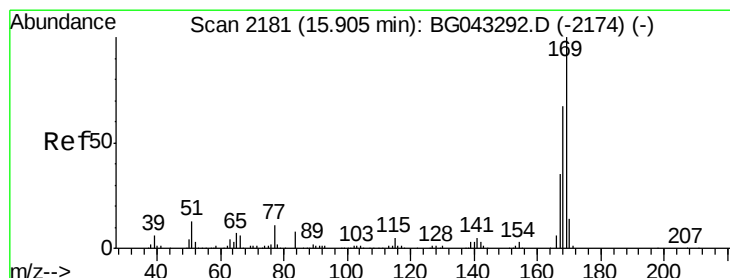
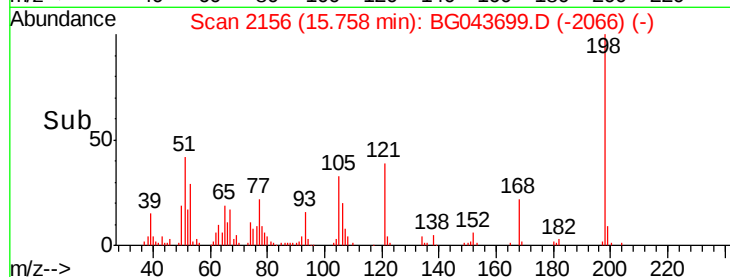
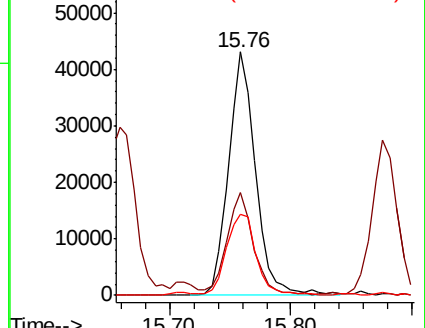
11/21/2019 9:04:10 AM



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: 43.572 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

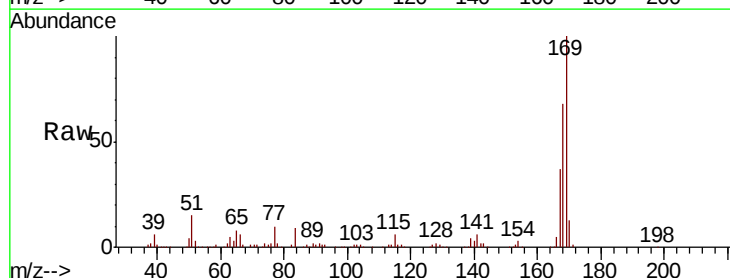
Tgt Ion:169 Resp: 283434

Ion Ratio Lower Upper

169 100

168 67.7 56.2 84.4

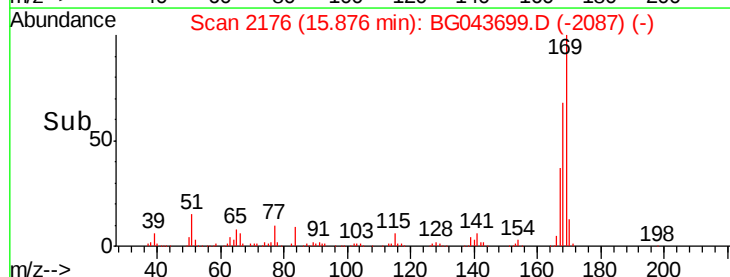
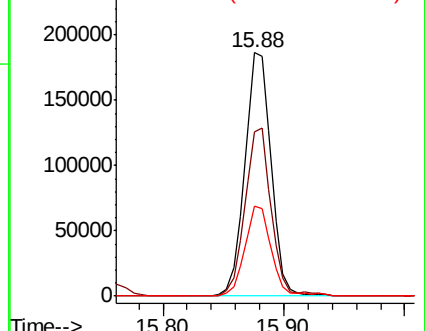
167 36.8 29.8 44.8



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





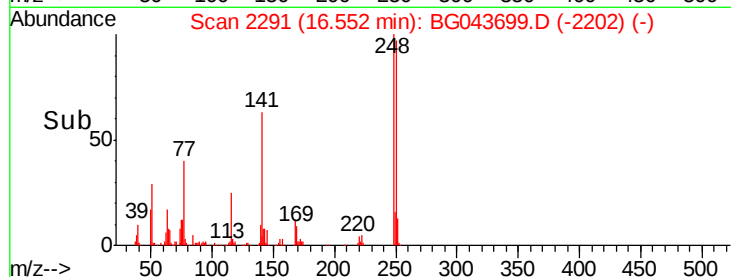
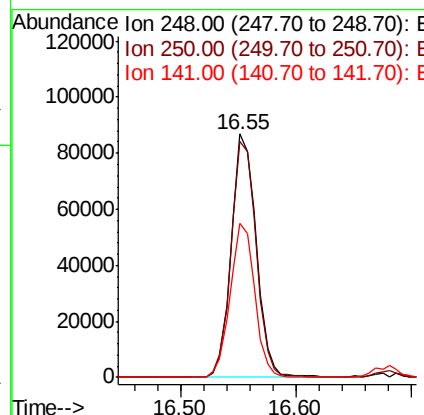
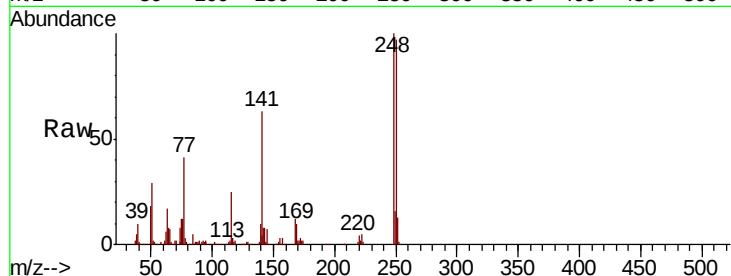
#67
4-Bromophenyl-phenylether
Concen: 41.925 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	63.3	49.5	74.3

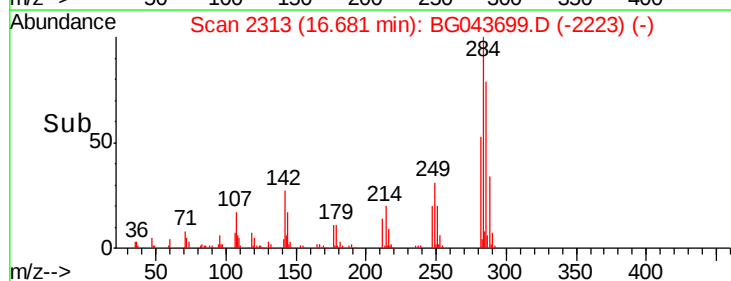
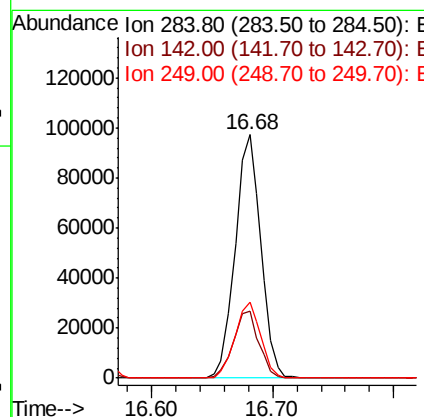
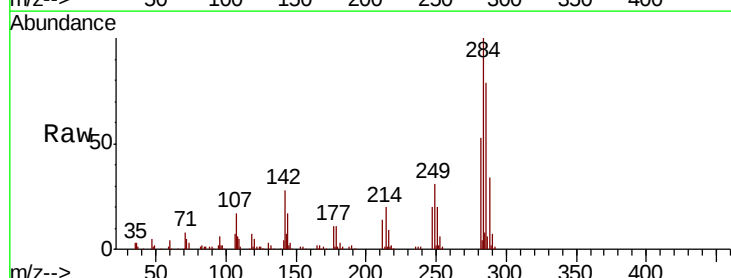
Manual Integrations
APPROVED

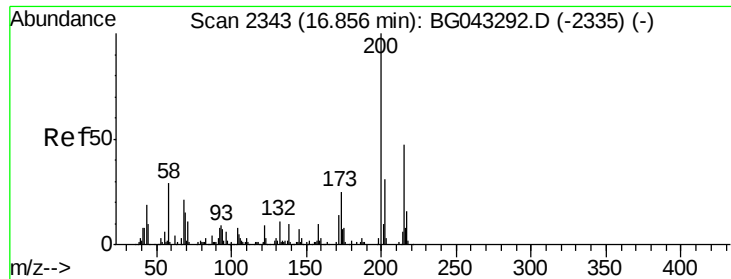
mohammad
11/21/2019 9:04:10 AM



#68
Hexachlorobenzene
Concen: 40.401 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	23.2	34.8
249	31.2	27.0	40.4





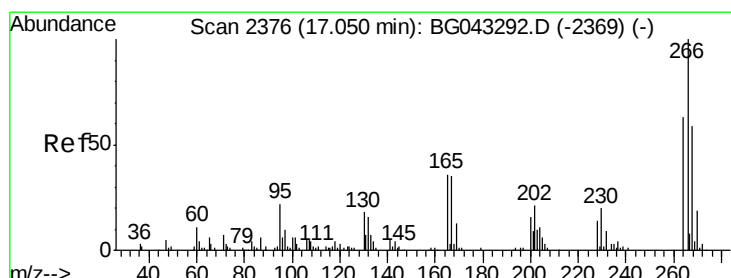
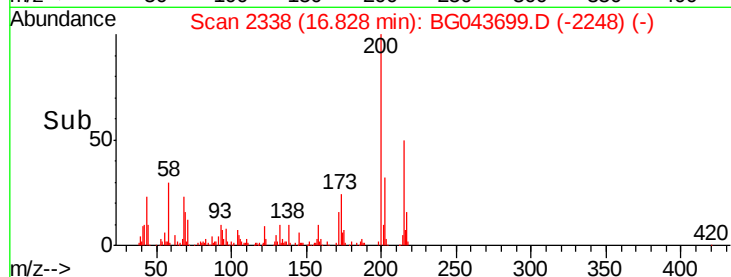
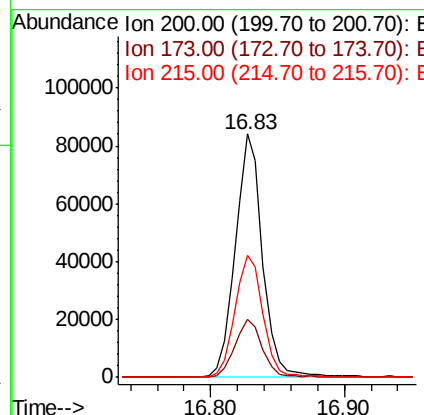
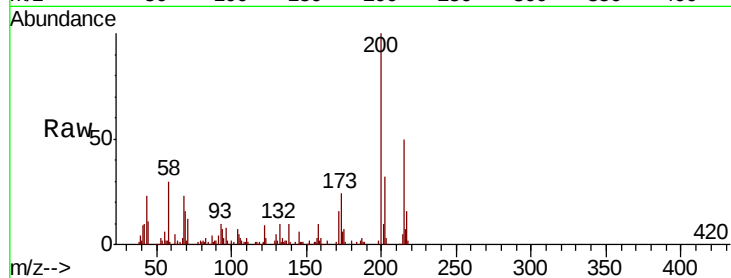
#69
Atrazine
Concen: 52.744 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	119218		
173	24.0	5.1	45.1	
215	50.2	29.8	69.8	

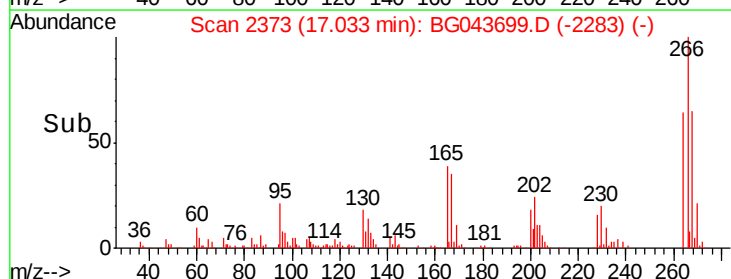
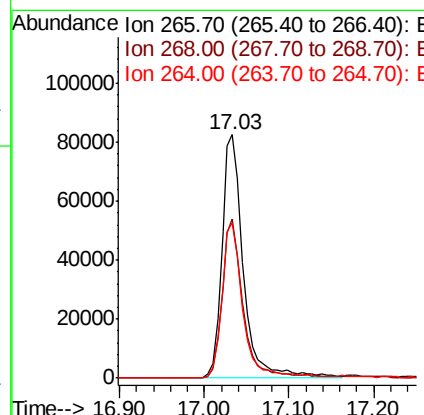
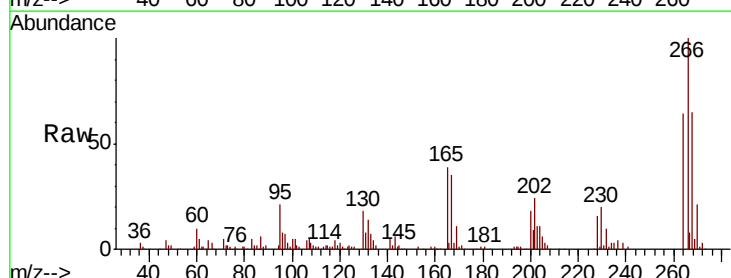
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#70
Pentachlorophenol
Concen: 90.361 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	146548		
268	65.4	53.2	79.8	
264	63.6	48.9	73.3	





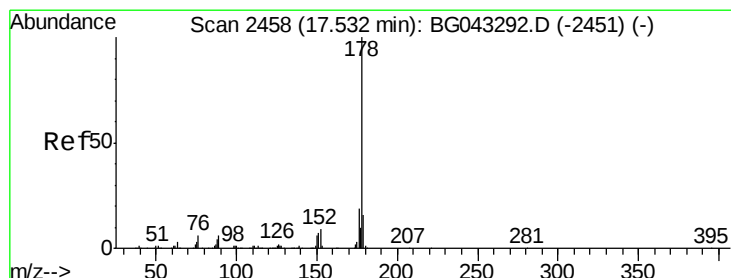
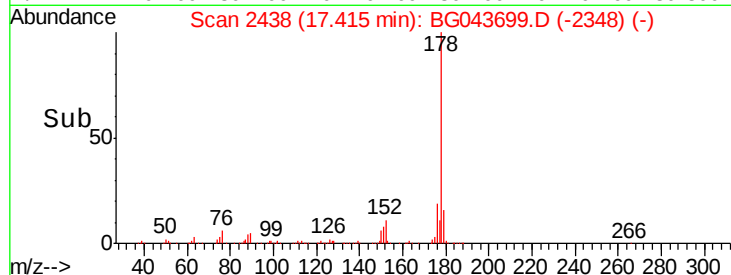
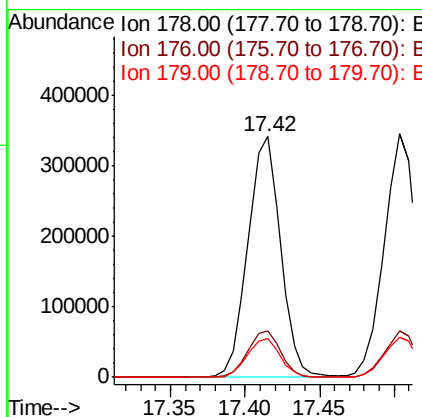
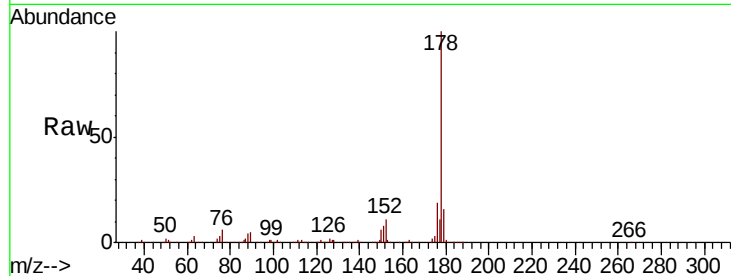
#71
Phenanthrene
Concen: 43.833 ng
RT: 17.42 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.2	13.0	19.4

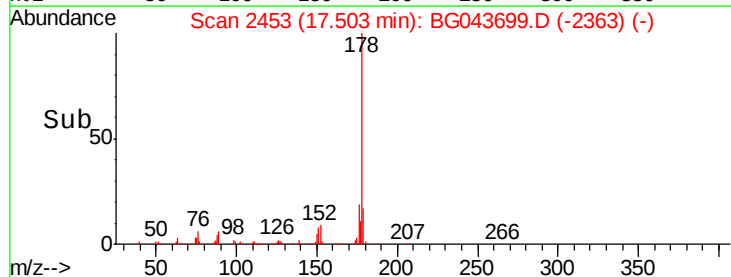
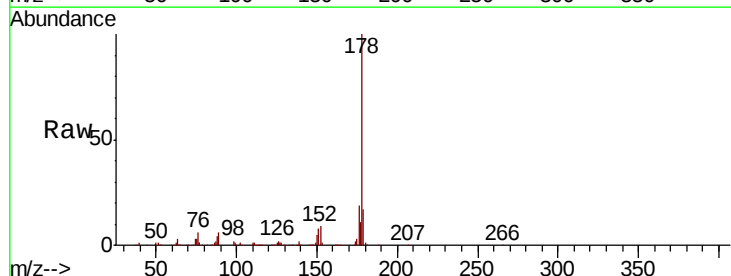
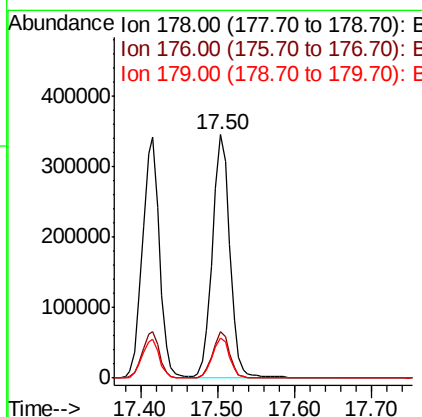
Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#72
Anthracene
Concen: 45.350 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	16.6	13.3	19.9





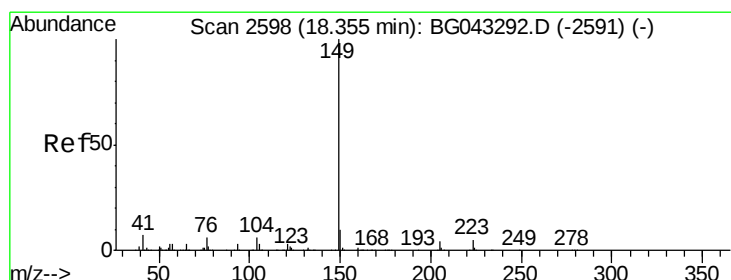
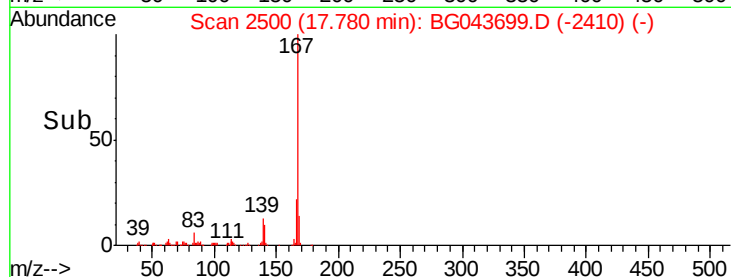
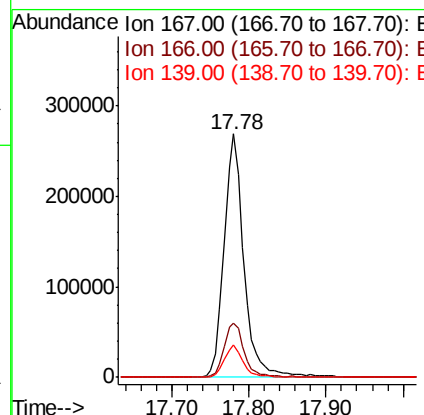
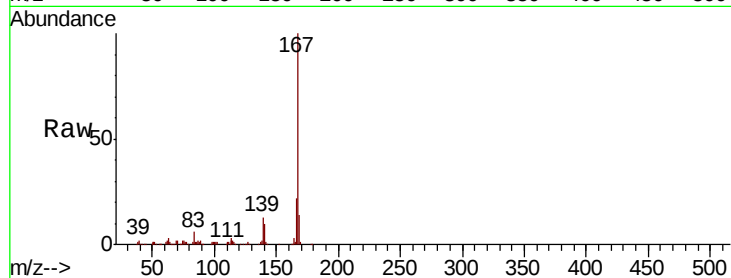
#73
 Carbazole
 Concen: 44.952 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.1	10.3	15.5

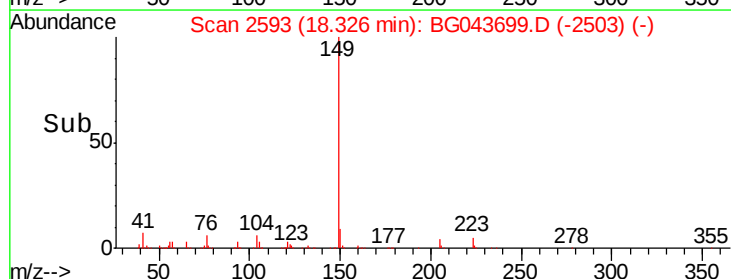
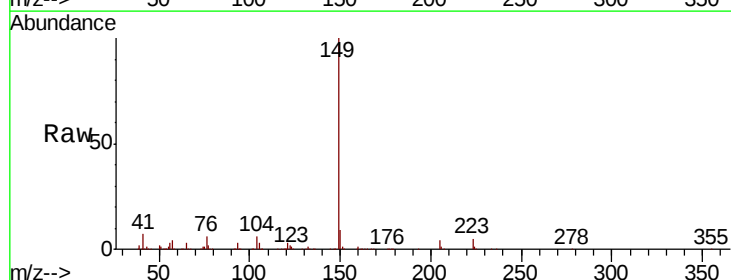
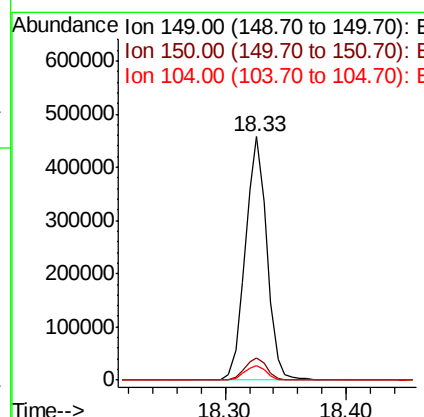
Manual Integrations
 APPROVED

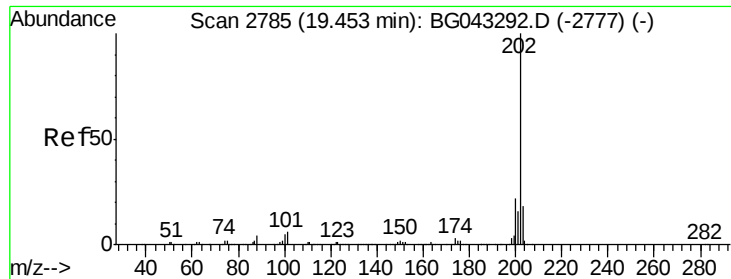
mohammad
 11/21/2019 9:04:10 AM



#74
 Di-n-butylphthalate
 Concen: 43.964 ng
 RT: 18.33 min Scan# 2593
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	6.1	4.7	7.1





#75

Fluoranthene

Concen: 45.797 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

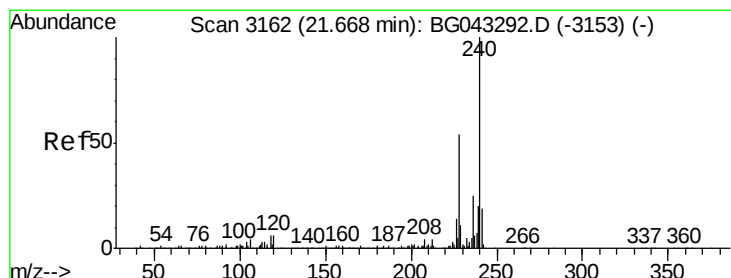
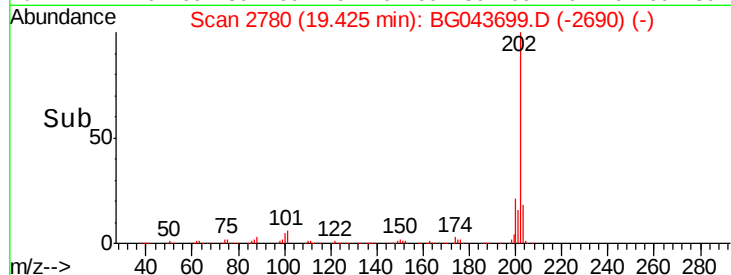
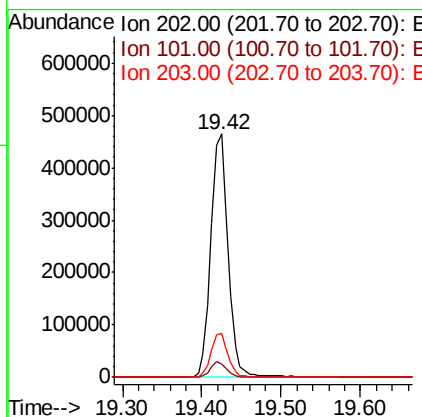
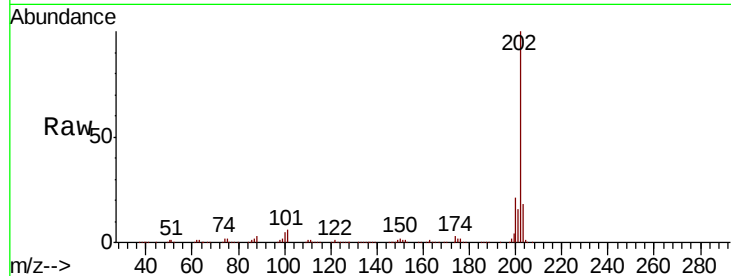
ClientSampleId :

PB124903BS

Tot Ion:	202	Resp:	704420
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	25.6
203	17.8	0.0	37.6

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#76

Chrysene-d12

Concen: 20.000 ng

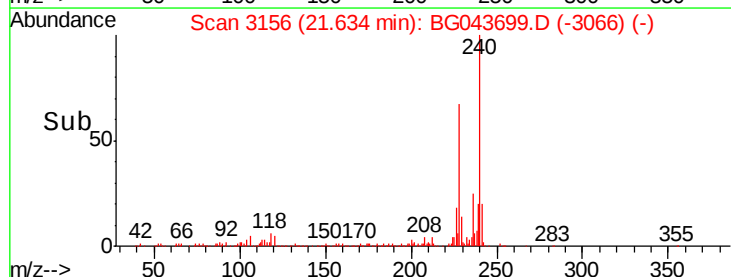
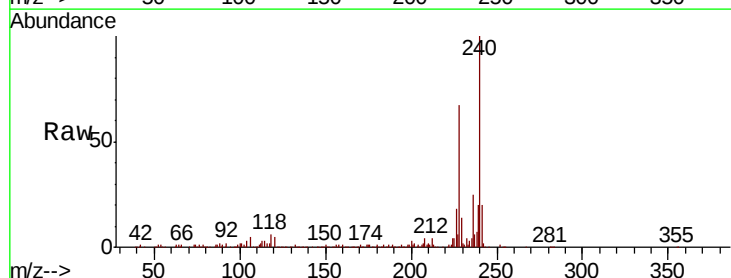
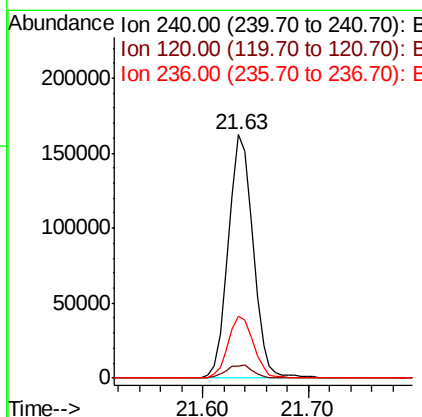
RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	240	Resp:	262760
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.9	7.3#
236	25.3	21.4	32.0





#77

Benzidine

Concen: 29.428 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

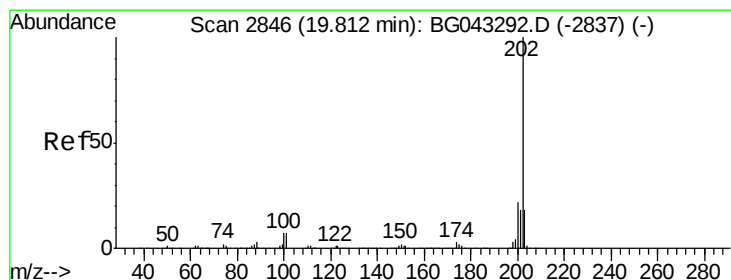
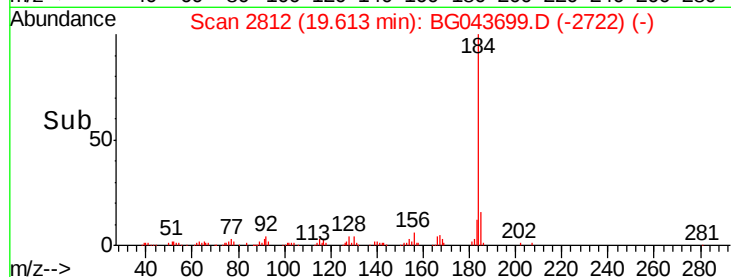
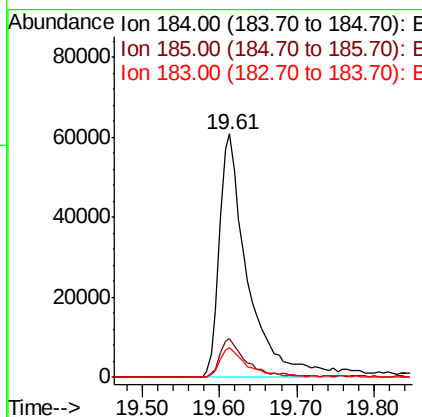
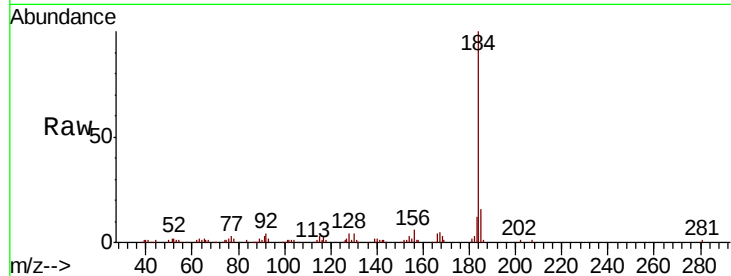
ClientSampleId :

PB124903BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	155618		
185	15.9		12.7	19.1
183	12.4		8.8	13.2

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#78

Pyrene

Concen: 43.761 ng

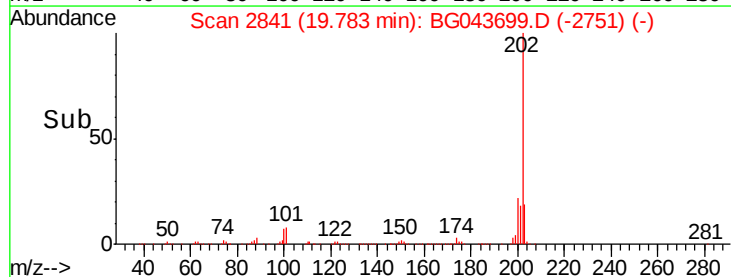
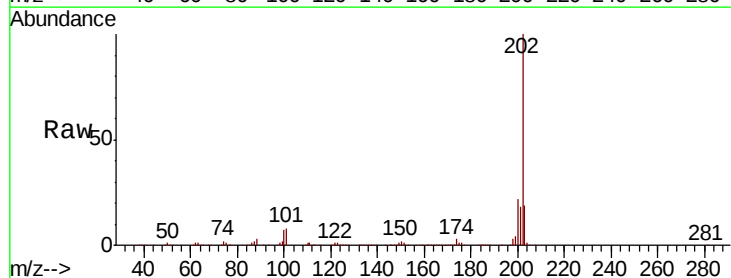
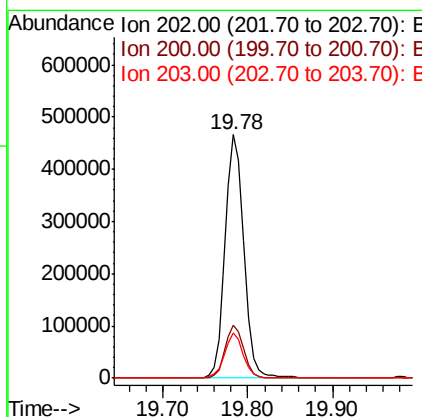
RT: 19.78 min Scan# 2841

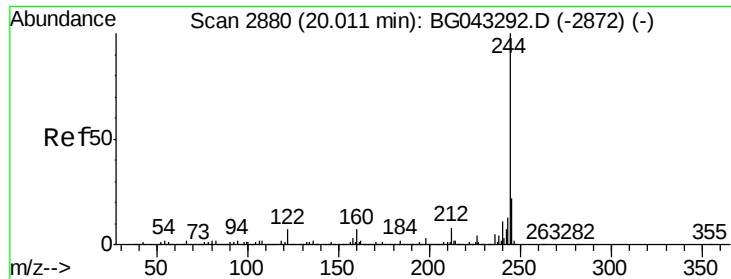
Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	711748		
200	21.5		16.9	25.3
203	18.6		14.8	22.2





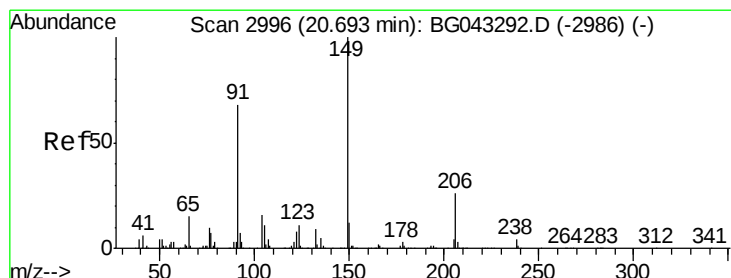
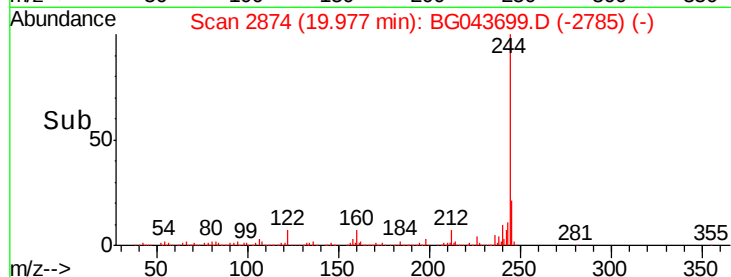
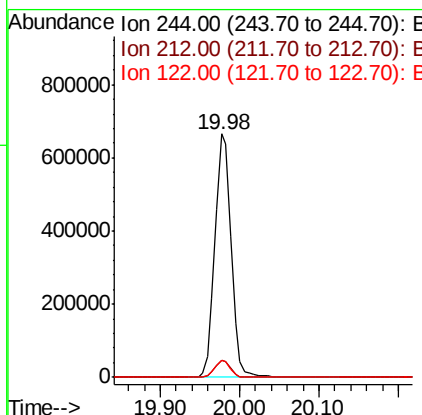
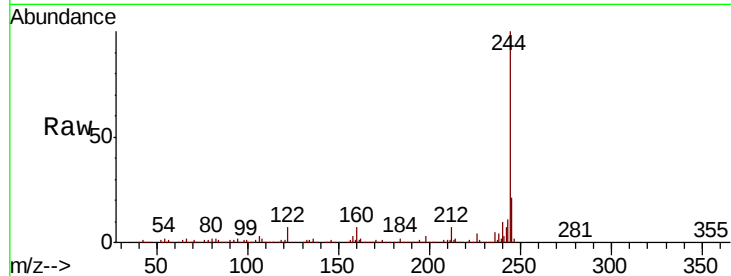
#79
 Terphenyl-d14
 Concen: 67.775 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion:	244	Resp:	949249
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.6	8.4
122	6.8	5.2	7.8

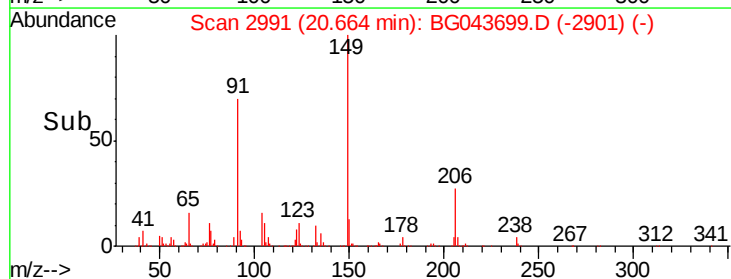
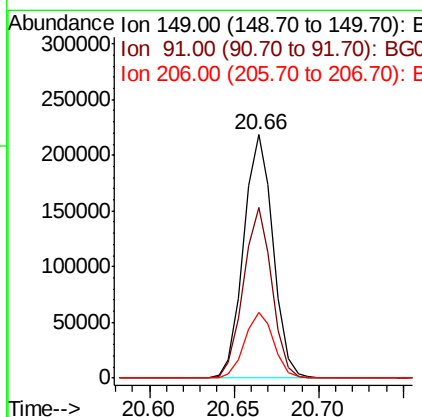
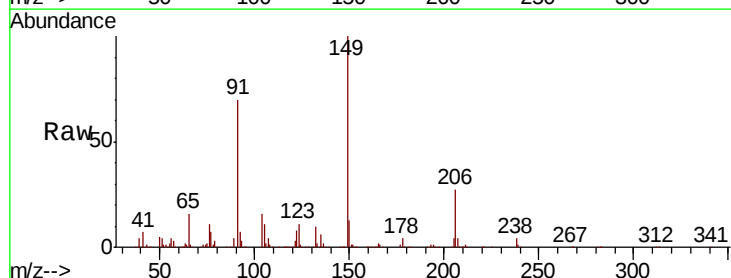
Manual Integrations
 APPROVED

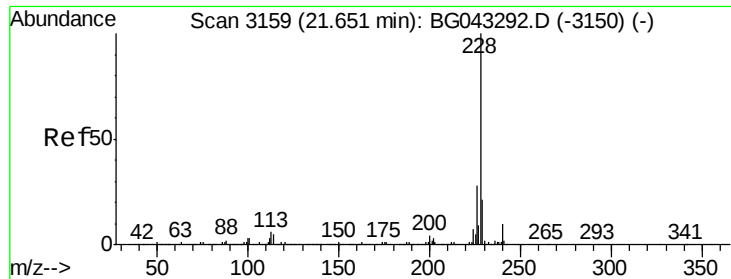
mohammad
 11/21/2019 9:04:10 AM



#80
 Butylbenzylphthalate
 Concen: 42.977 ng
 RT: 20.66 min Scan# 2991
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion:	149	Resp:	264823
Ion Ratio	Lower	Upper	
149	100		
91	69.9	55.4	83.0
206	26.8	20.2	30.4





#81

Benzo(a)anthracene

Concen: 44.864 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

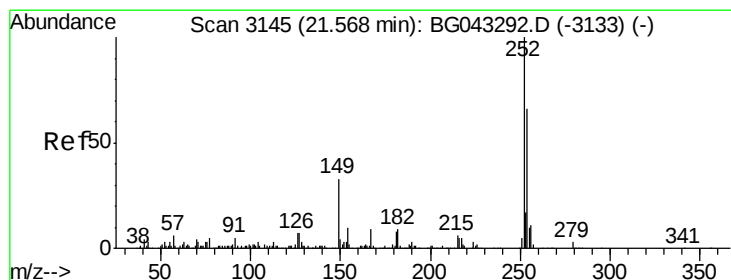
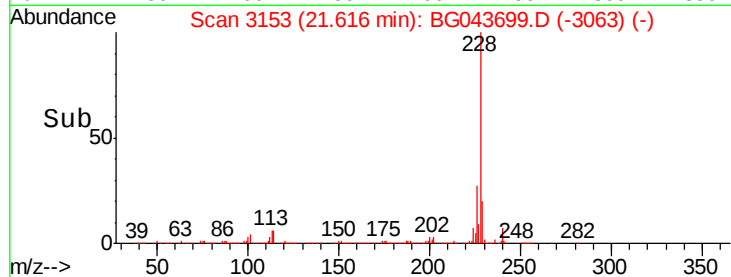
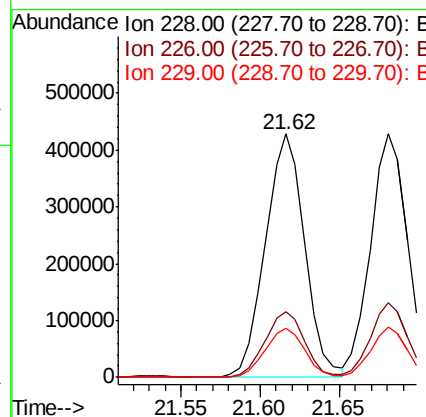
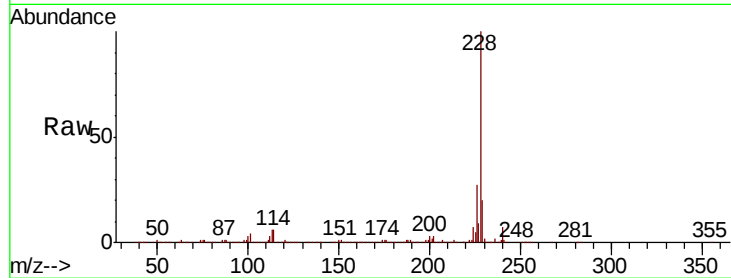
ClientSampleId :

PB124903BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		738415		
226	26.9	21.8	32.6		
229	20.3	15.9	23.9		

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#82

3,3'-Dichlorobenzidine

Concen: 39.046 ng

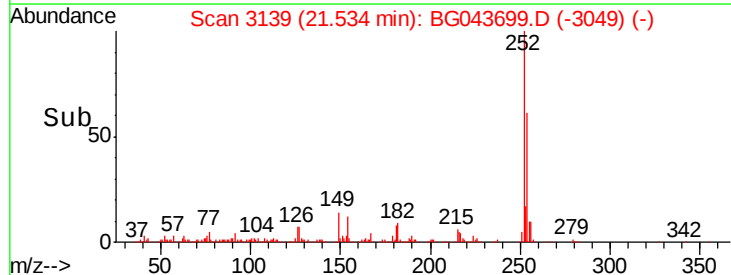
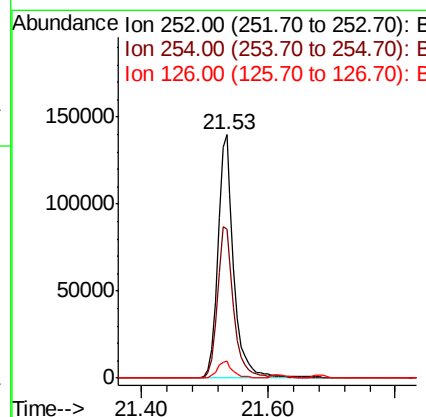
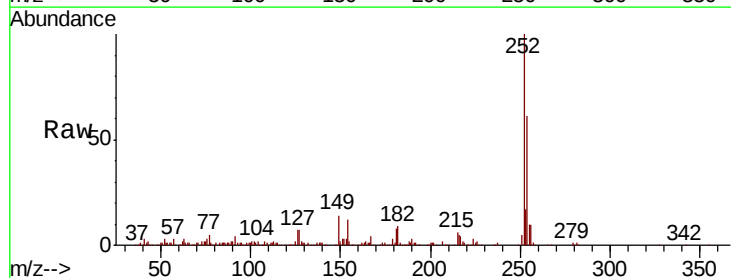
RT: 21.53 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		248571		
254	61.3	50.2	75.4		
126	6.9	5.4	8.0		





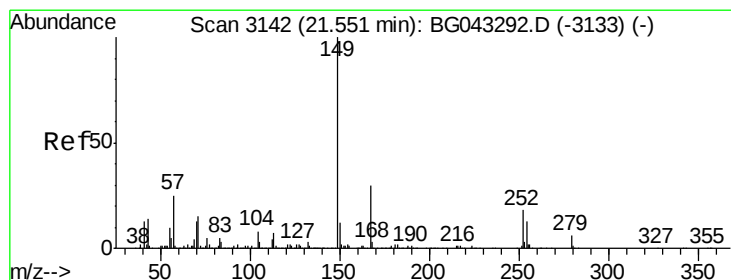
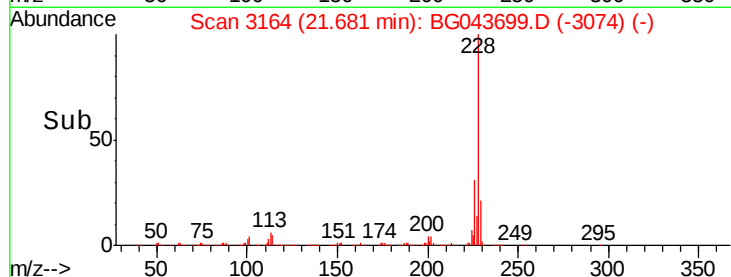
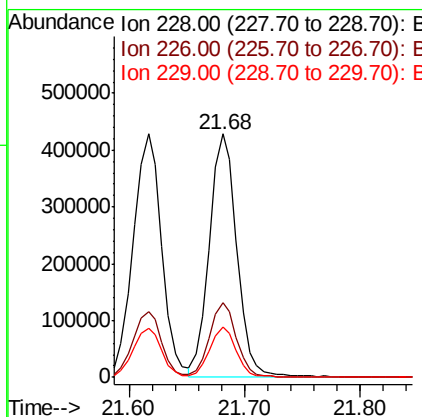
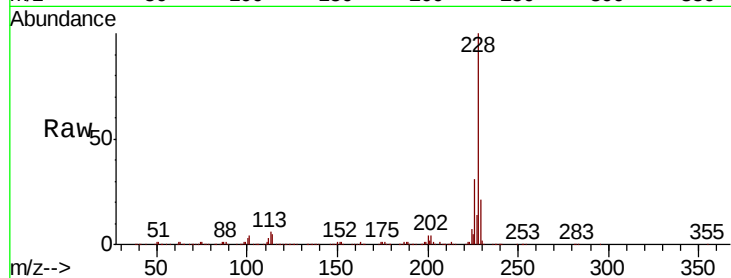
#83
 Chrvsene
 Concen: 43.294 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Instrument :
 BNA_G
 ClientSampleId :
 PB124903BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.3	34.9
229	20.7	16.5	24.7

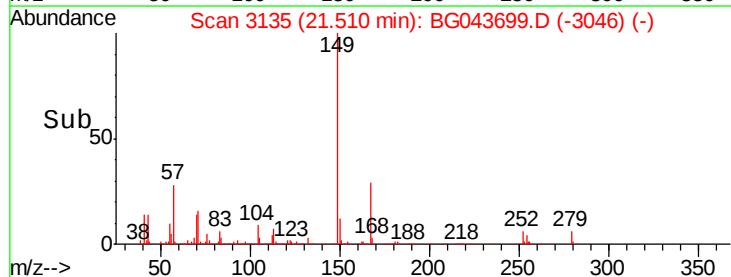
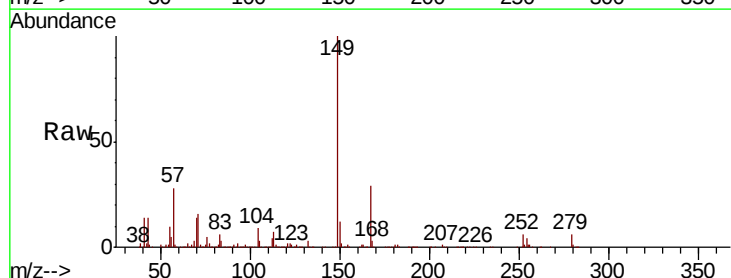
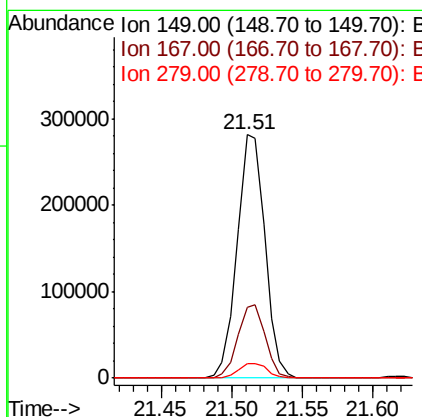
Manual Integrations
 APPROVED

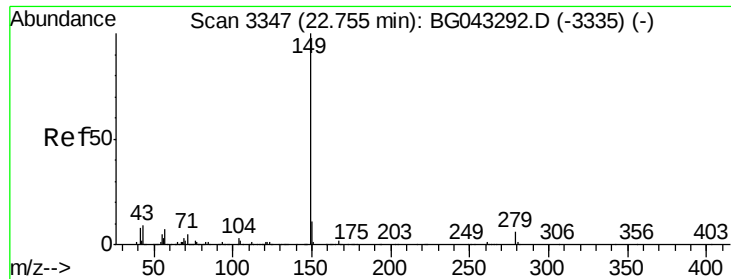
mohammad
 11/21/2019 9:04:10 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.314 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG043699.D
 Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.8	37.2
279	6.1	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 45.003 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Instrument :

BNA_G

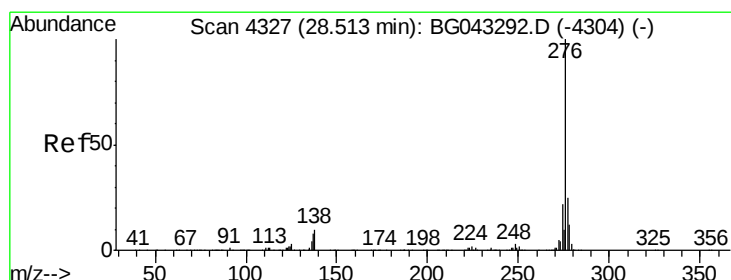
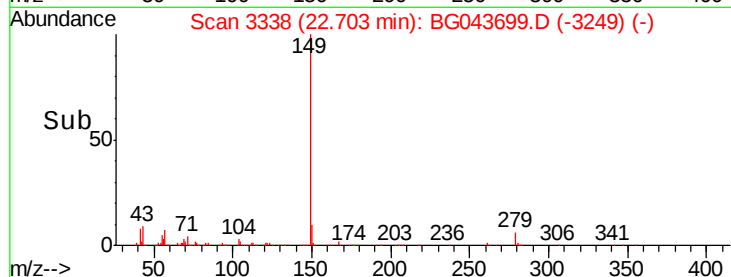
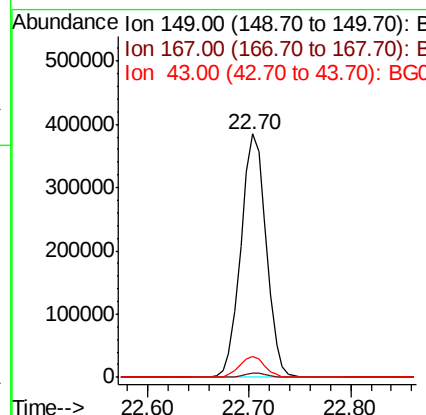
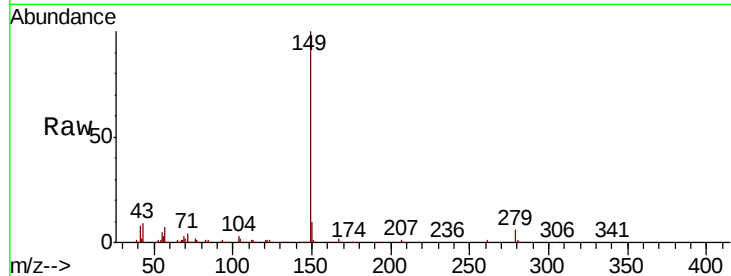
ClientSampleId :

PB124903BS

Tot Ion:	149	Resp:	668313
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	8.8	7.8	11.8

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.828 ng

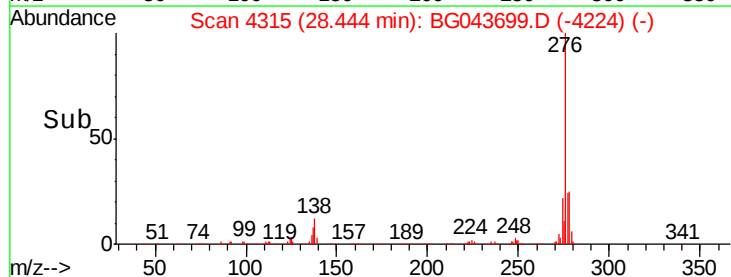
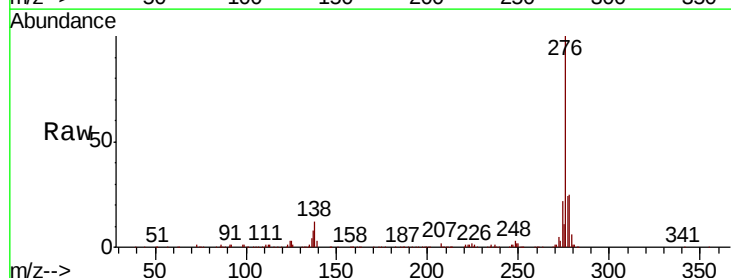
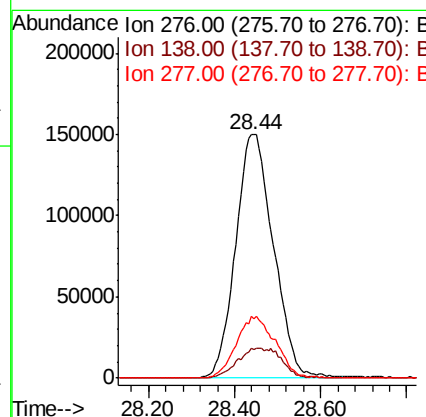
RT: 28.44 min Scan# 4315

Delta R.T. 0.01 min

Lab File: BG043699.D

Acq: 19 Nov 2019 15:40

Tgt Ion:	276	Resp:	920211
Ion Ratio	Lower	Upper	
276	100		
138	9.7	11.3	16.9#
277	26.0	20.6	31.0





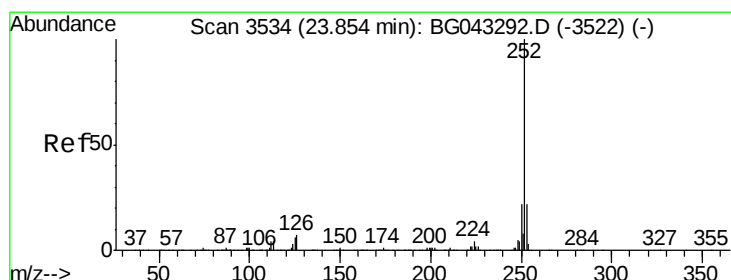
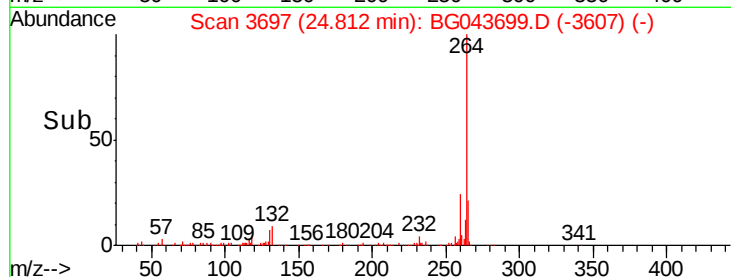
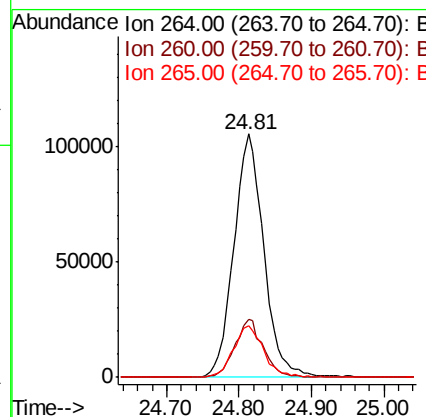
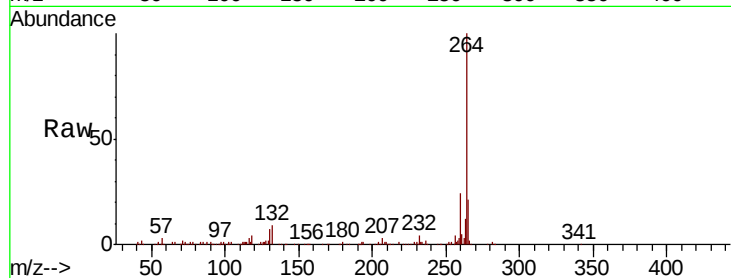
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	15.8	23.8

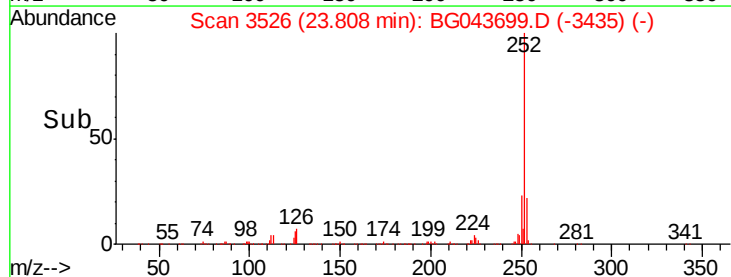
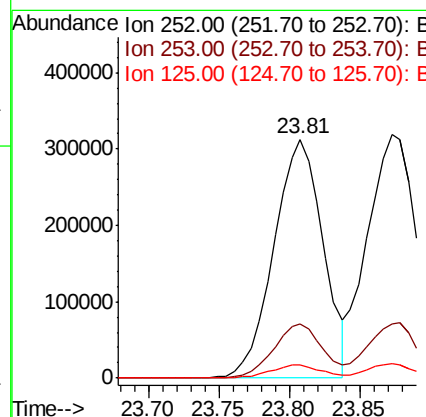
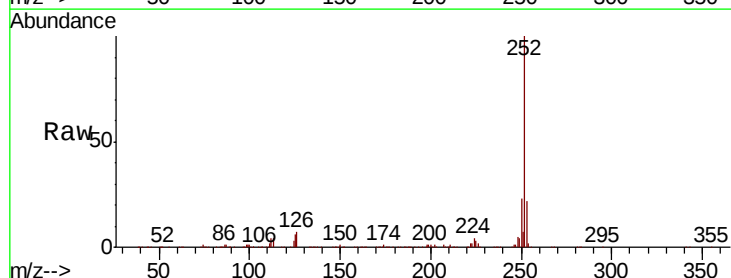
Manual Integrations
APPROVED

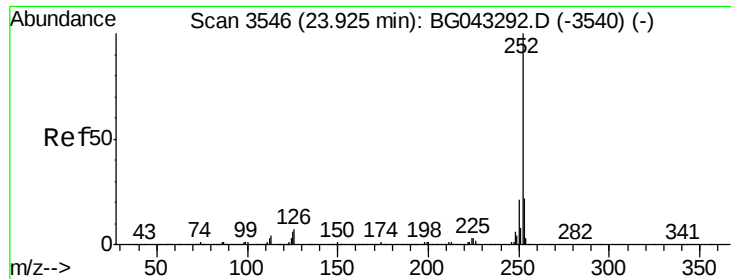
mohammad
11/21/2019 9:04:10 AM



#88
Benzo(b)fluoranthene
Concen: 44.354 ng
RT: 23.81 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	5.6	4.5	6.7





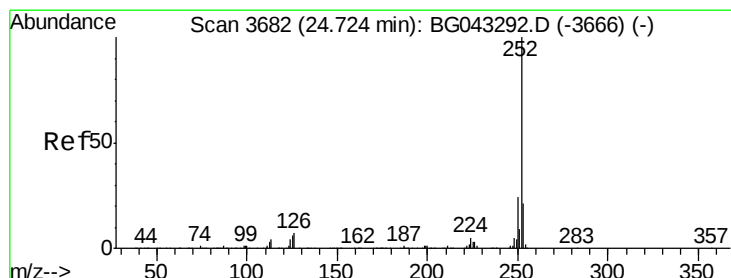
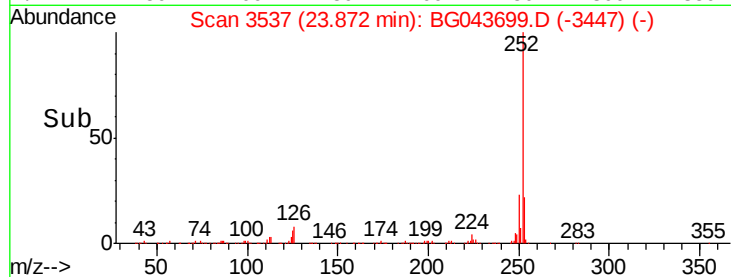
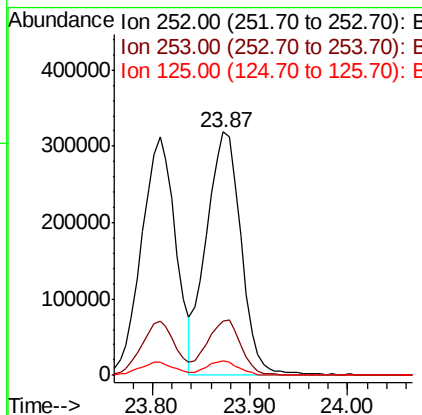
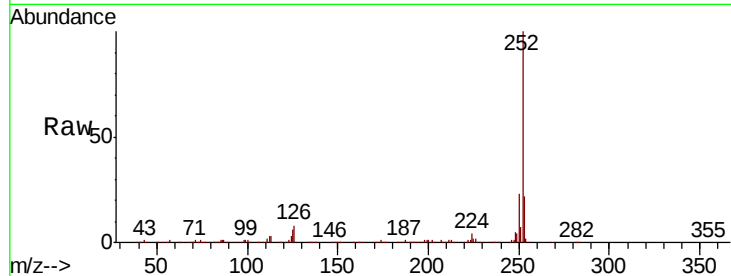
#89
Benzo(k)fluoranthene
Concen: 45.405 ng
RT: 23.87 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	5.9	4.7	7.1

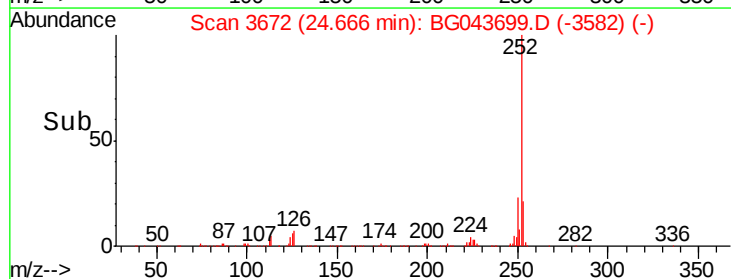
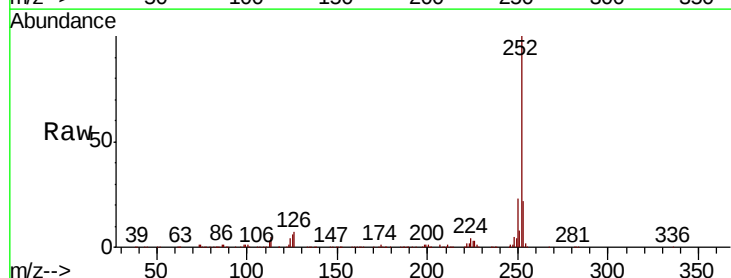
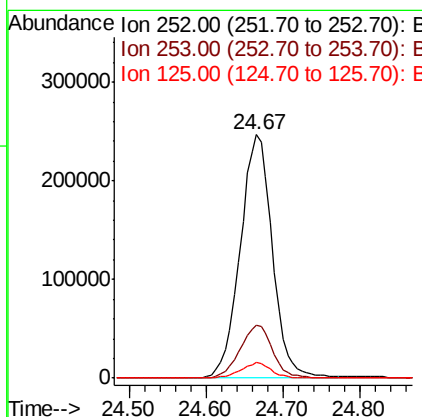
Manual Integrations
APPROVED

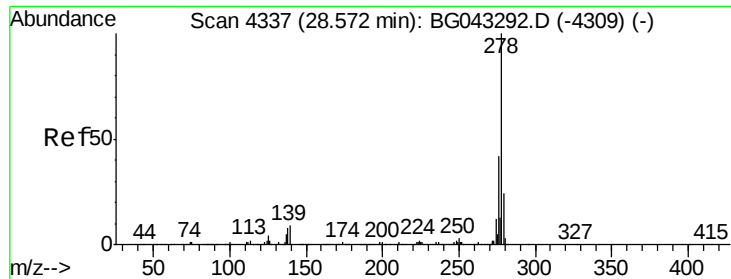
mohammad
11/21/2019 9:04:10 AM



#90
Benzo(a)pyrene
Concen: 44.182 ng
RT: 24.67 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	6.4	5.0	7.6





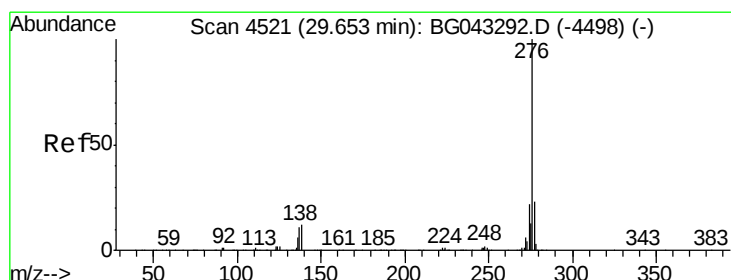
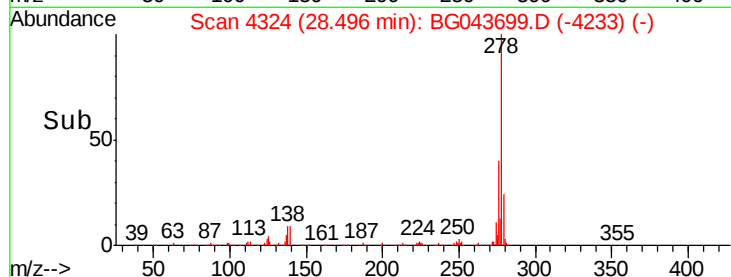
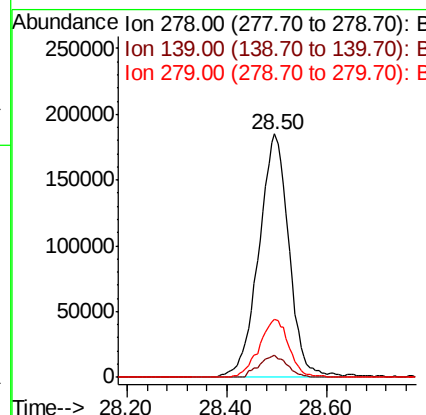
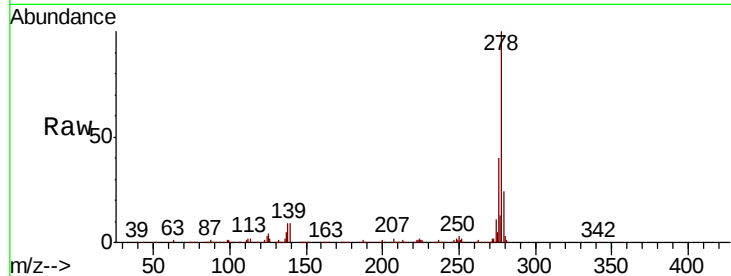
#91
Dibenzo(a,h)anthracene
Concen: 46.452 ng
RT: 28.50 min Scan# 4324
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB124903BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.2	10.8
279	23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/21/2019 9:04:10 AM



#92
Benzo(g,h,i)perylene
Concen: 46.843 ng
RT: 29.58 min Scan# 4509
Delta R.T. 0.01 min
Lab File: BG043699.D
Acq: 19 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	12.3	9.7	14.5

