

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041695.D
 Acq On : 17 Jul 2019 19:43
 Operator : HP/JU
 Sample : K3835-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Manual Integrations
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 7/19/2019 2:24:53 PM

Quant Time: Jul 18 11:34:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98088	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	397838	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	253457	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	618862	20.00	ng	0.00
76) Chrysene-d12	21.65	240	613206	20.00	ng	-0.01
87) Perylene-d12	24.85	264	727260	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	758060	126.34	ng	0.00
7) Phenol-d6	7.20	99	1043972	129.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	631283	96.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	438514	153.52	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1424008	87.00	ng	0.00
79) Terphenyl-d14	20.01	244	2216126	84.45	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	88968	31.220	ng	100
3) Pyridine	3.89	79	77668	10.210	ng	98
4) n-Nitrosodimethylamine	3.80	42	125367	35.687	ng	99
6) Aniline	7.37	93	282352	26.031	ng	99
8) 2-Chlorophenol	7.61	128	270165	39.772	ng	99
9) Benzaldehyde	7.17	77	151263	28.172	ng	99
10) Phenol	7.23	94	343325	40.377	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	256450	37.344	ng	98
12) 1,3-Dichlorobenzene	7.94	146	300079	37.023	ng	99
13) 1,4-Dichlorobenzene	8.08	146	306299	37.736	ng	95
14) 1,2-Dichlorobenzene	8.40	146	286921	37.492	ng	95
15) Benzyl Alcohol	8.28	79	237854	37.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	503386	35.376	ng	99
17) 2-Methylphenol	8.48	107	239221	40.682	ng	97
18) Hexachloroethane	9.14	117	109770	36.922	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	217933	36.945	ng	97
20) 3+4-Methylphenols	8.81	107	328803	40.804	ng	99
22) Acetophenone	8.87	105	399057	41.184	ng	# 97
24) Nitrobenzene	9.25	77	297942	41.751	ng	97
25) Isophorone	9.77	82	583375	40.725	ng	98
26) 2-Nitrophenol	9.96	139	154537	47.282	ng	99
27) 2,4-Dimethylphenol	10.02	122	277112	48.893	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	352699	39.949	ng	99
29) 2,4-Dichlorophenol	10.49	162	296697	45.914	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	306804	40.436	ng	99
31) Naphthalene	10.91	128	807766	41.242	ng	97
32) Benzoic acid	10.07	122	14629m	8.986	ng	
33) 4-Chloroaniline	11.00	127	263301	29.144	ng	99
34) Hexachlorobutadiene	11.20	225	191350	39.238	ng	99
35) Caprolactam	11.78	113	117966	49.666	ng	# 89
36) 4-Chloro-3-methylphenol	12.12	107	303583	44.845	ng	98
37) 2-Methylnaphthalene	12.50	142	626770	41.885	ng	99
38) 1-Methylnaphthalene	12.72	142	585482	41.040	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	360378	41.509	ng	99

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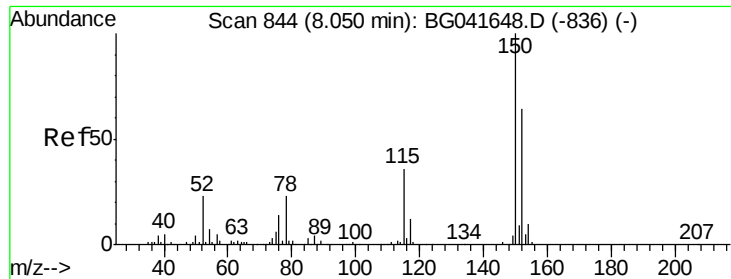
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Quant Time: Jul 18 11:34:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	480776	97.895	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	261786	46.407	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	281149	47.303	nq	96
46) 1,1'-Biphenyl	13.50	154	789774	41.592	nq	99
47) 2-Chloronaphthalene	13.54	162	633413	40.025	nq	97
48) 2-Nitroaniline	13.74	65	206995	44.924	nq	97
49) Acenaphthylene	14.39	152	1016641	41.151	nq	99
50) Dimethylphthalate	14.12	163	1044285	52.460	nq	99
51) 2,6-Dinitrotoluene	14.23	165	195517	46.305	nq	95
52) Acenaphthene	14.73	154	665336	42.735	nq	97
53) 3-Nitroaniline	14.55	138	169877	36.856	nq #	94
54) 2,4-Dinitrophenol	14.76	184	137049	65.748	nq	96
55) Dibenzofuran	15.07	168	976709	41.807	nq	97
56) 4-Nitrophenol	14.86	139	379112	101.592	nq	98
57) 2,4-Dinitrotoluene	15.01	165	269749	48.330	nq	99
58) Fluorene	15.71	166	793694	41.752	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	280332	51.090	nq #	97
60) Diethylphthalate	15.48	149	844357	42.104	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	445453	41.455	nq	98
62) 4-Nitroaniline	15.71	138	224692	45.964	nq	97
63) Azobenzene	15.99	77	744698	41.075	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	143537	48.739	nq	94
66) n-Nitrosodiphenylamine	15.91	169	745006	40.993	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	303885	41.268	nq	99
68) Hexachlorobenzene	16.71	284	299332	40.368	nq	96
69) Atrazine	16.86	200	307914	46.688	nq	98
70) Pentachlorophenol	17.05	266	407041	87.793	nq	99
71) Phenanthrene	17.45	178	1296013	41.584	nq	97
72) Anthracene	17.53	178	1334774	42.965	nq	98
73) Carbazole	17.80	167	1256331	43.605	nq	97
74) Di-n-butylphthalate	18.37	149	1450367	41.273	nq	97
75) Fluoranthene	19.45	202	1618551	42.294	nq	95
77) Benzidine	19.62	184	70807	1.282	nq	98
78) Pyrene	19.81	202	1634345	39.407	nq	95
80) Butylbenzylphthalate	20.69	149	704456	40.876	nq	97
81) Benzo(a)anthracene	21.63	228	1620498	40.902	nq	97
82) 3,3'-Dichlorobenzidine	21.55	252	546986	35.084	nq	100
83) Chrysene	21.70	228	1548497	40.903	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	984847	40.474	nq	98
85) Di-n-octyl phthalate	22.77	149	1735318	41.877	nq	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2065260	41.344	nq	99
88) Benzo(b)fluoranthene	23.84	252	1815499	41.155	nq	98
89) Benzo(k)fluoranthene	23.91	252	1689152	41.324	nq	98
90) Benzo(a)pyrene	24.70	252	1761823	42.212	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	1680280	41.521	nq	98
92) Benzo(g,h,i)perylene	29.64	276	1700579	41.933	nq	98

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



#1

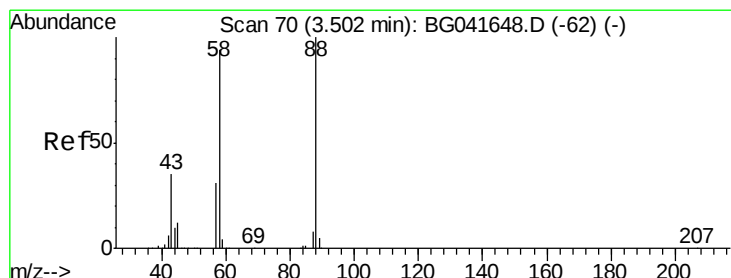
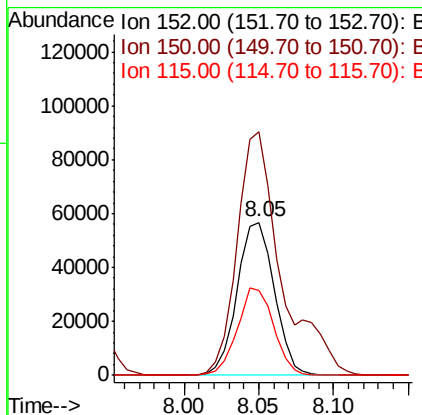
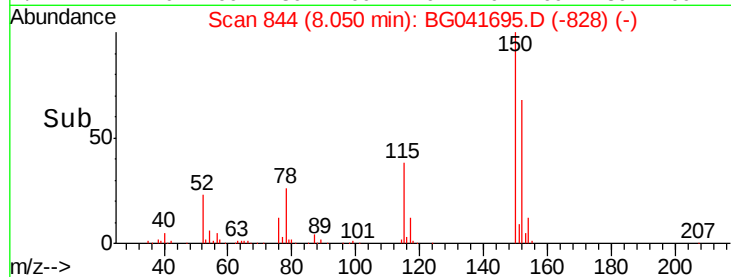
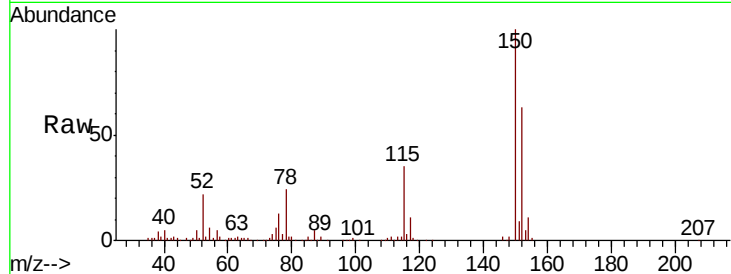
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.9	190.3
115	55.8	45.0	67.6

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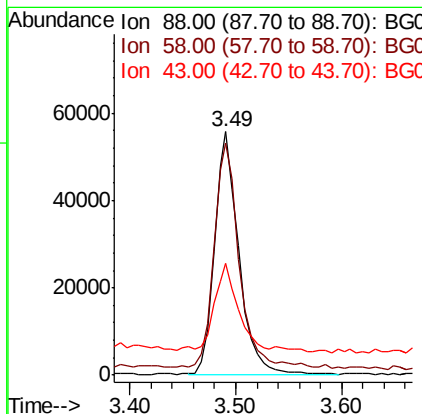
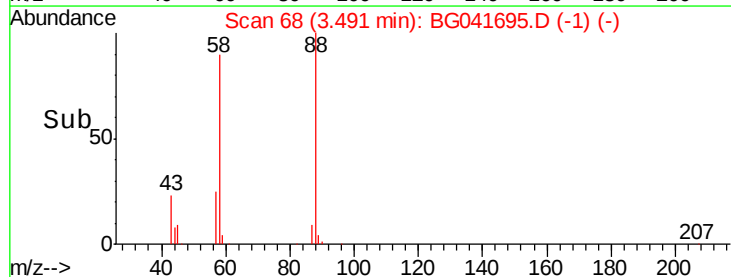
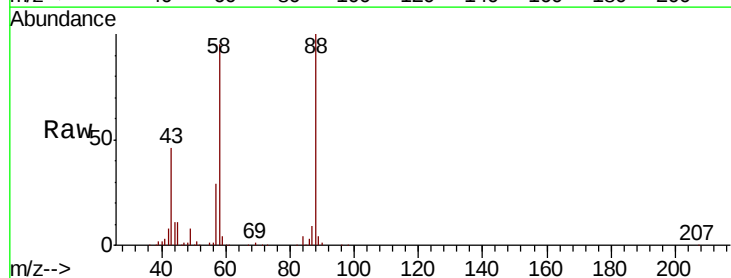
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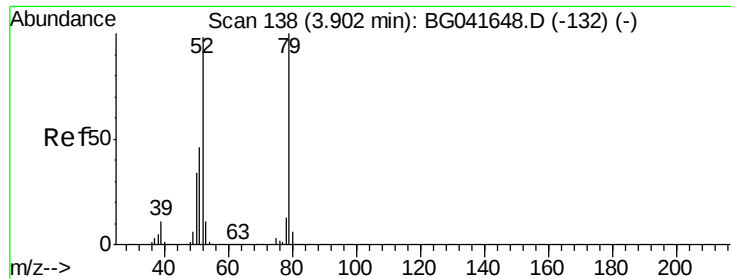


#2

1,4-Dioxane
Concen: 31.220 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.0	76.2	114.2
43	34.2	27.2	40.8





#3

Pvridine

Concen: 10.210 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

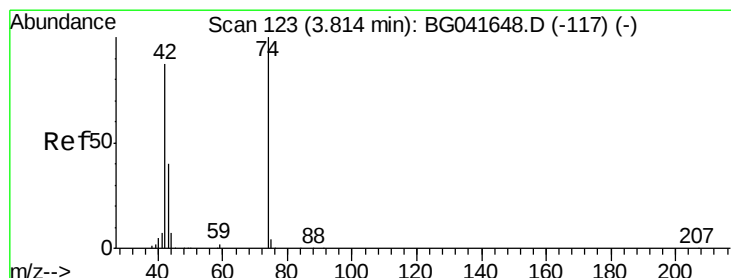
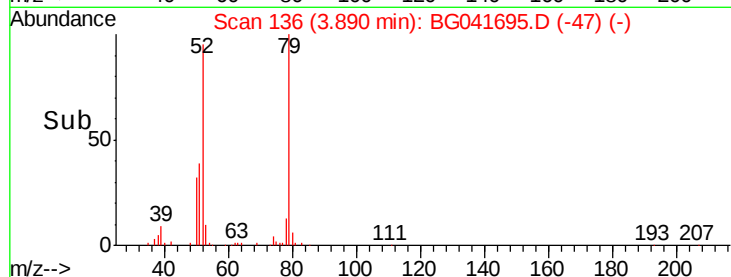
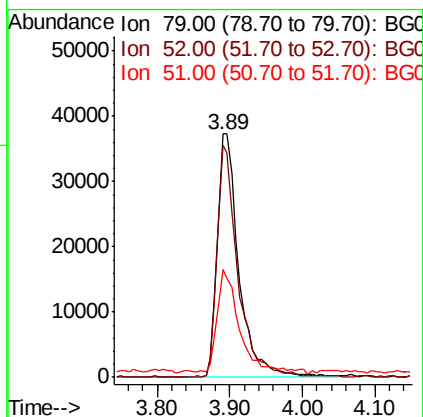
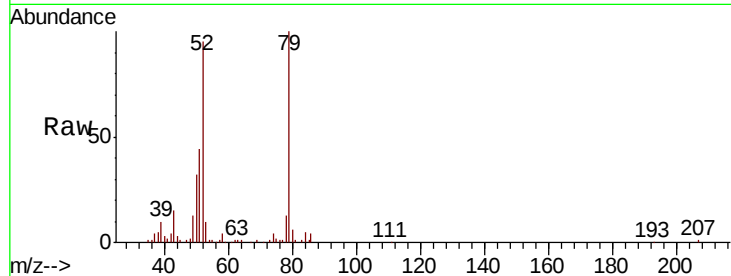
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	79	Resp:	77668
Ion	Ratio	Lower	Upper
79	100		
52	95.3	77.1	115.7
51	44.1	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 35.687 ng

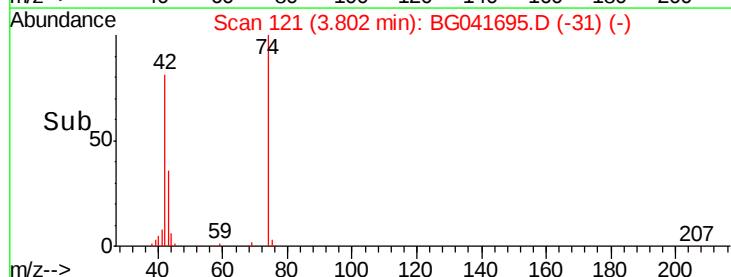
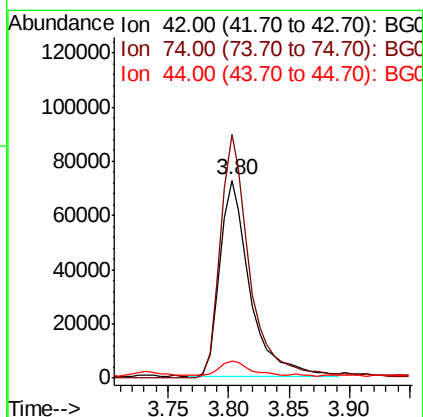
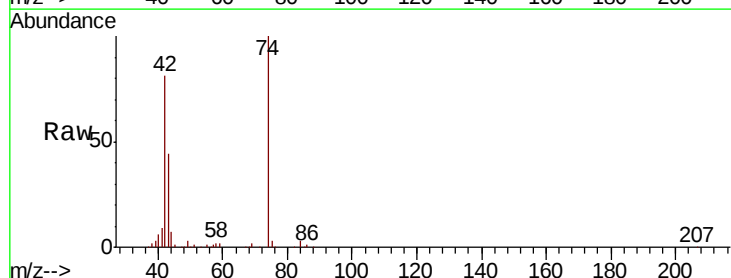
RT: 3.80 min Scan# 121

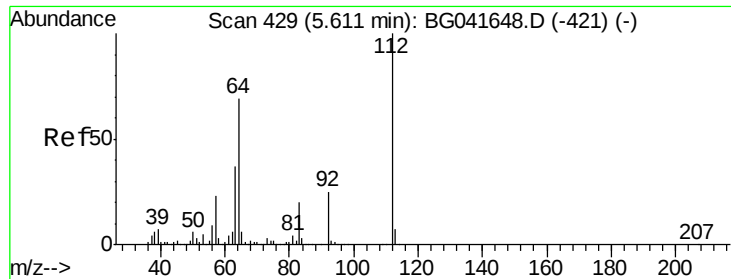
Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	42	Resp:	125367
Ion	Ratio	Lower	Upper
42	100		
74	123.0	97.4	146.2
44	8.5	6.6	9.8





#5

2-Fluorophenol

Concen: 126.339 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

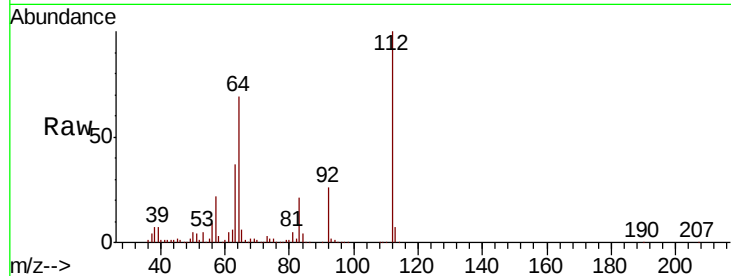
ClientSampleId :

SB-4(0-2)MSD

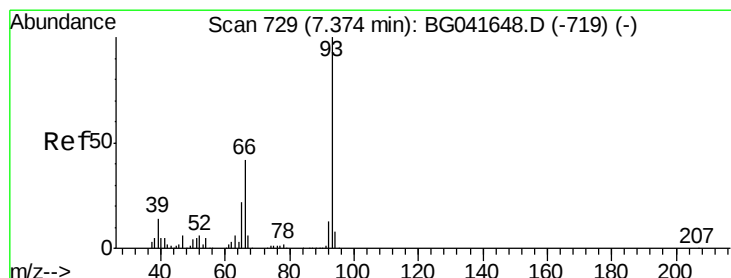
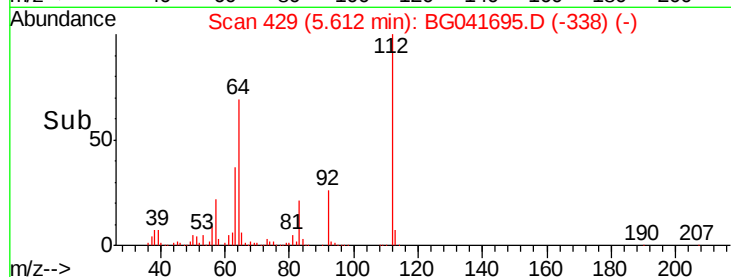
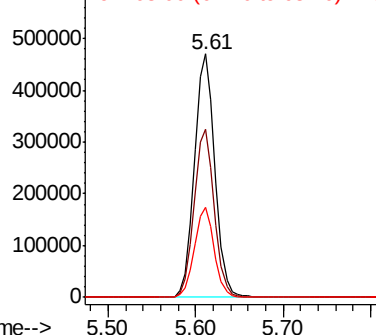
Tot Ion	Ratio	Resp	Lower	Upper
112	100	758060		
64	68.9		55.4	83.2
63	37.2		29.1	43.7

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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: 26.031 ng

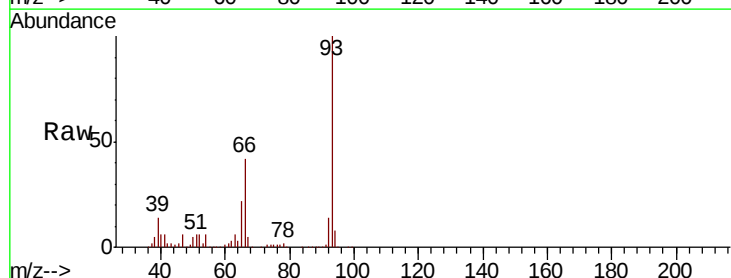
RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

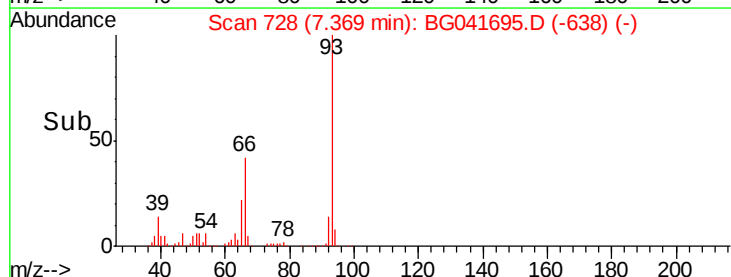
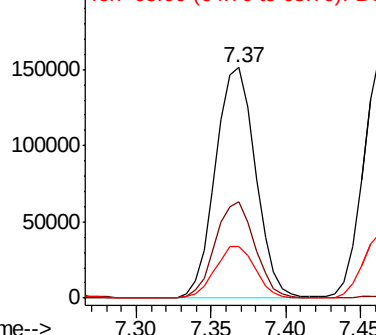
Lab File: BG041695.D

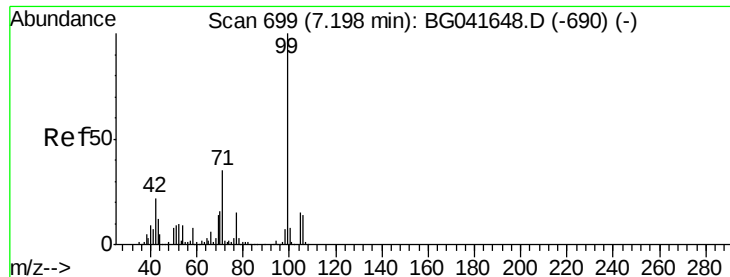
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282352		
66	41.6		34.2	51.2
65	22.2		18.2	27.2



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: 129.356 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion: 99 Resp: 1043972

Ion Ratio Lower Upper

99 100

42 21.1 17.6 26.4

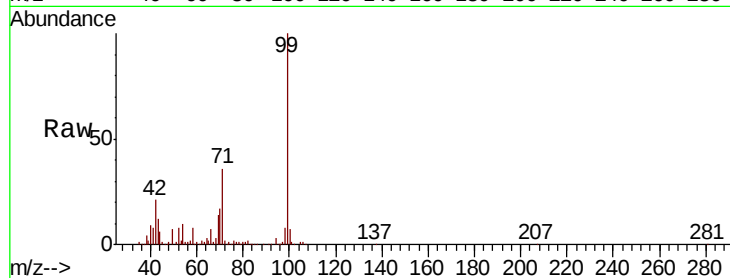
71 36.2 27.8 41.6

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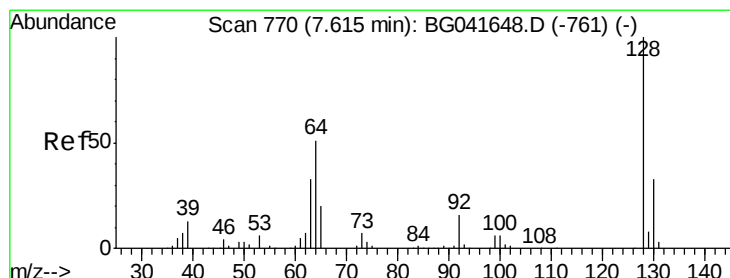
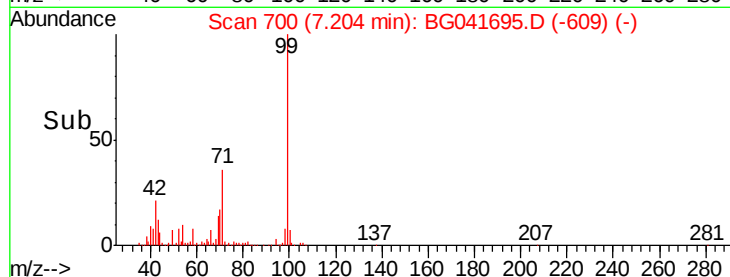
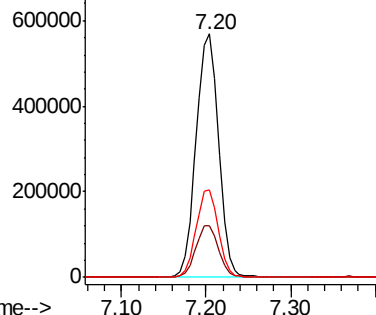
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.772 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

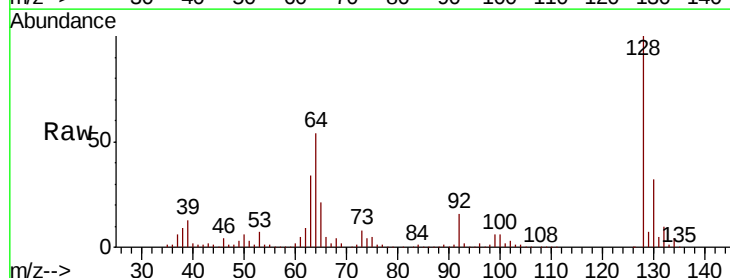
Tgt Ion: 128 Resp: 270165

Ion Ratio Lower Upper

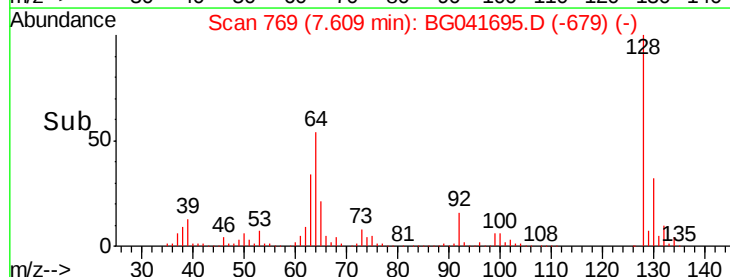
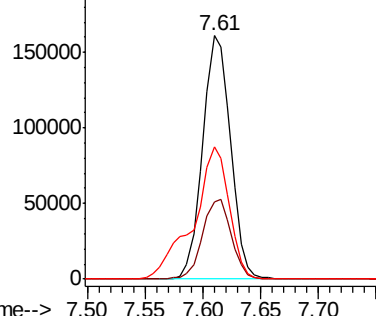
128 100

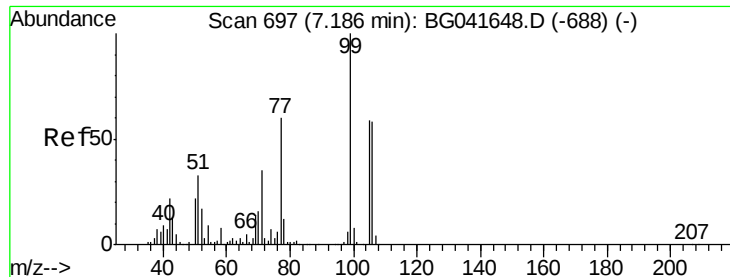
130 31.8 12.4 52.4

64 54.4 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.172 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

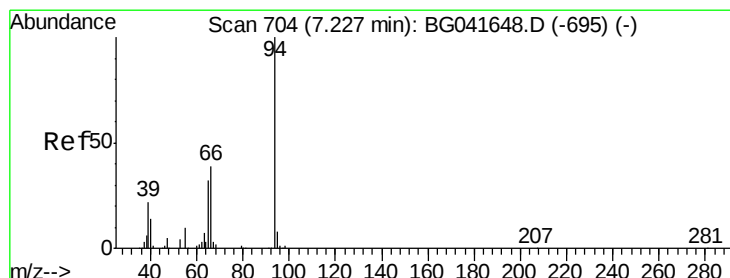
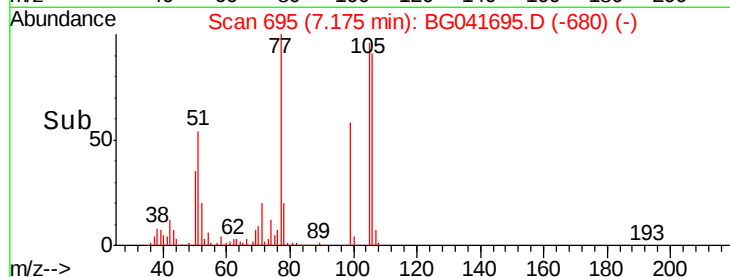
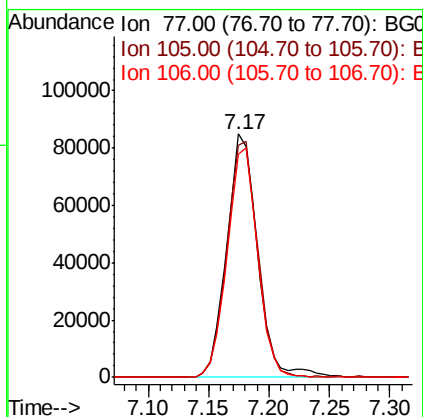
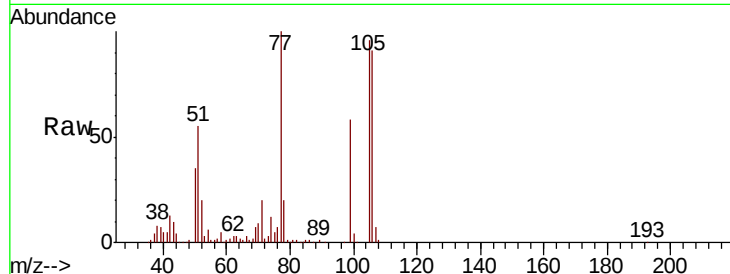
ClientSampled :

SB-4(0-2)MSD

Tot Ion:	77	Resp:	151263
Ion	Ratio	Lower	Upper
77	100		
105	95.5	74.6	114.6
106	91.5	71.1	111.1

Manual Integrations
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#10

Phenol

Concen: 40.377 ng

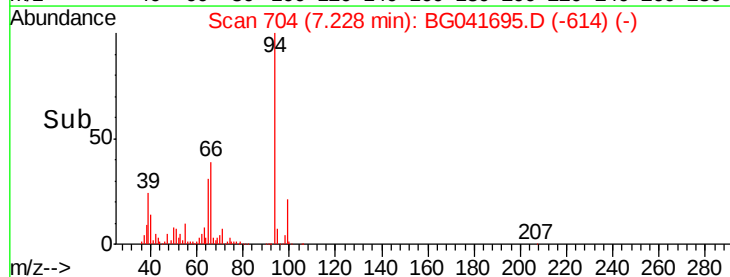
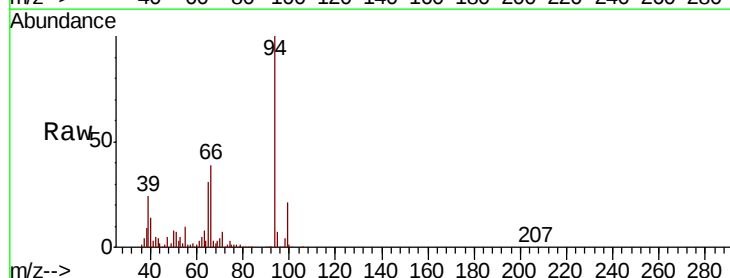
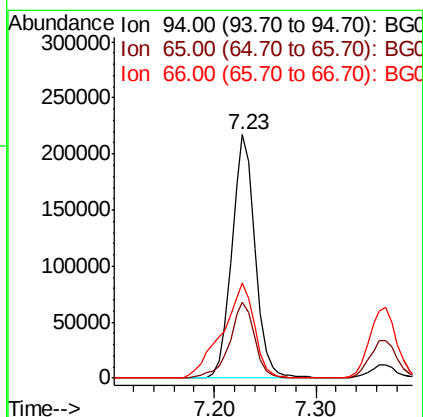
RT: 7.23 min Scan# 704

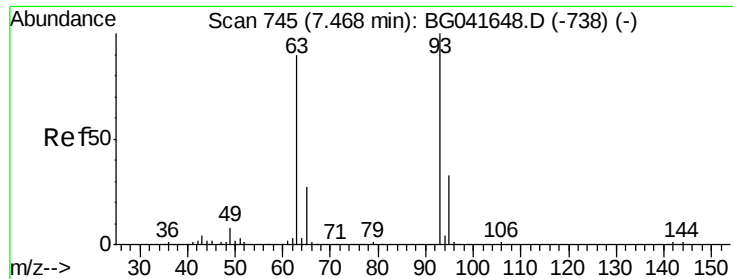
Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	94	Resp:	343325
Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.6	50.6
66	39.2	18.2	58.2





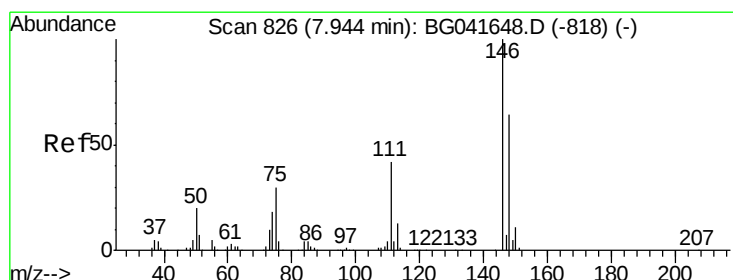
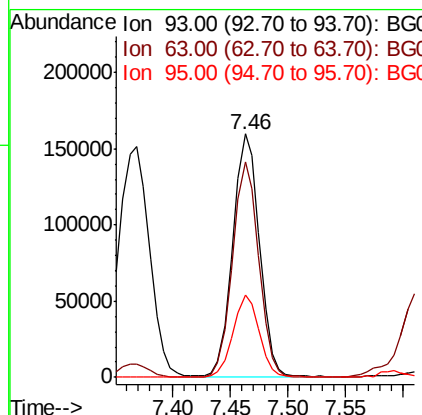
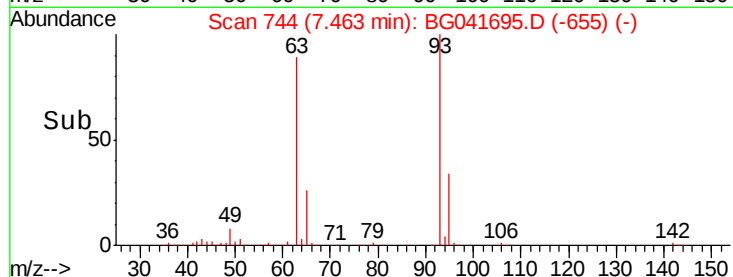
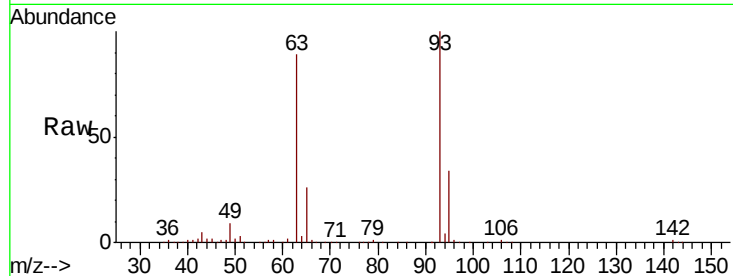
#11
bis(2-Chloroethyl)ether
Concen: 37.344 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.4	110.4
95	33.6	12.8	52.8

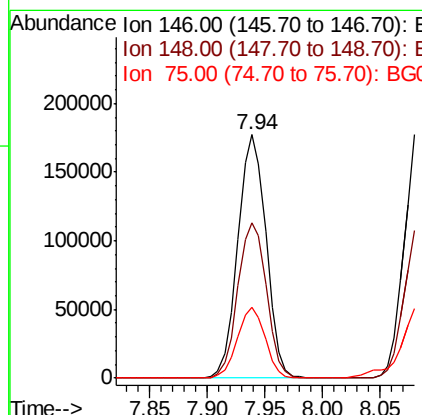
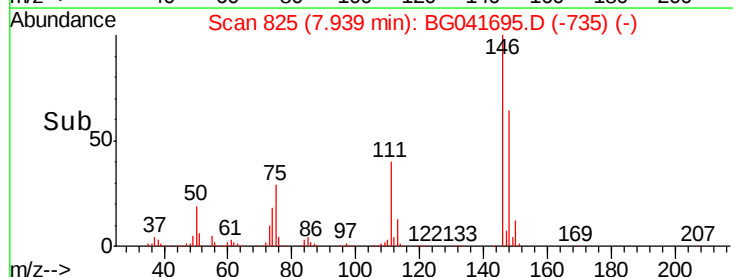
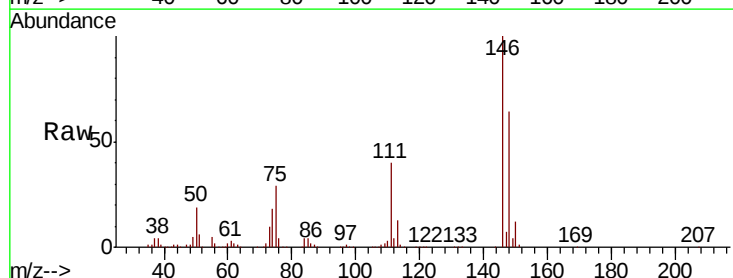
Manual Integrations
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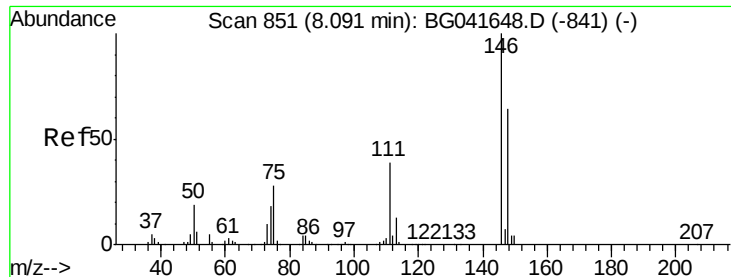
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.023 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.5	77.3
75	29.3	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 37.736 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

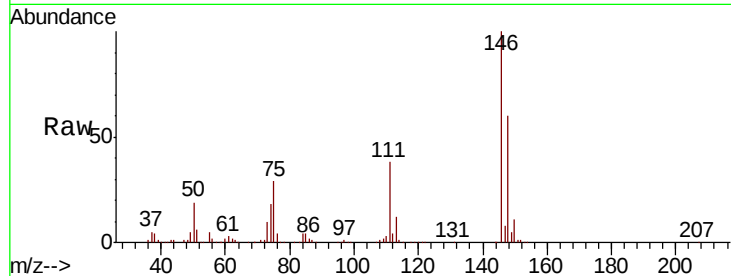
ClientSampleId :

SB-4(0-2)MSD

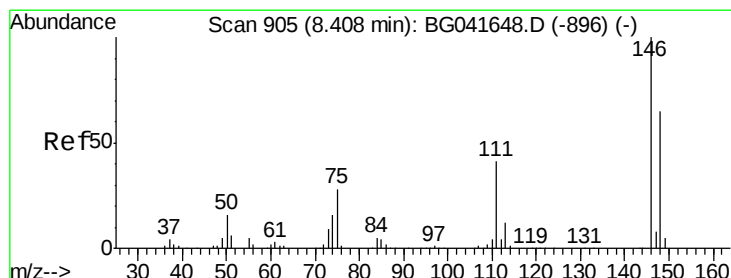
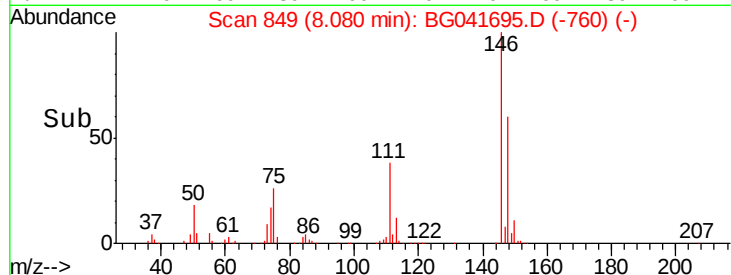
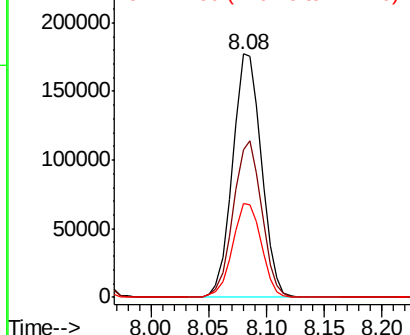
Tot Ion:	146	Resp:	306299
Ion Ratio	Lower	Upper	
146	100		
148	60.4	52.6	79.0
111	38.5	32.5	48.7

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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: 37.492 ng

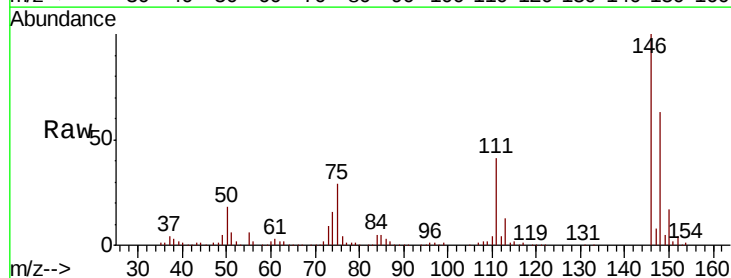
RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

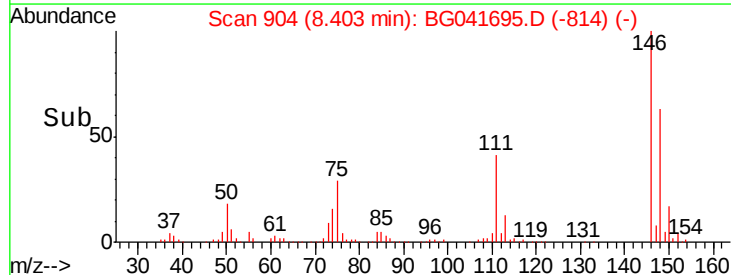
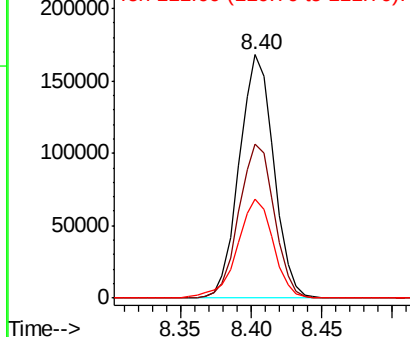
Lab File: BG041695.D

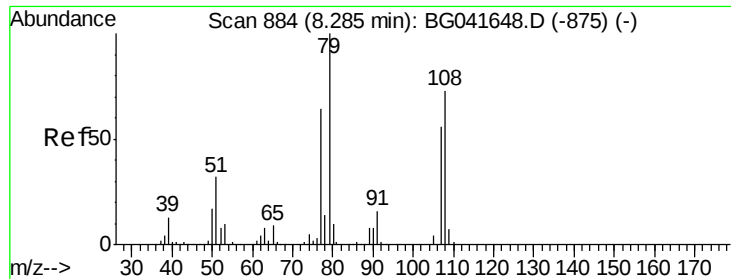
Acq: 17 Jul 2019 19:43

Tgt Ion:	146	Resp:	286921
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.5	80.3
111	40.7	35.4	53.0



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: 37.019 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

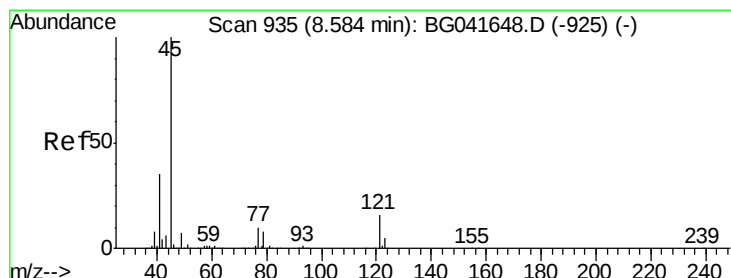
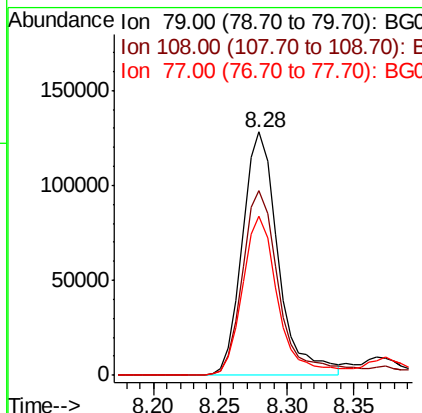
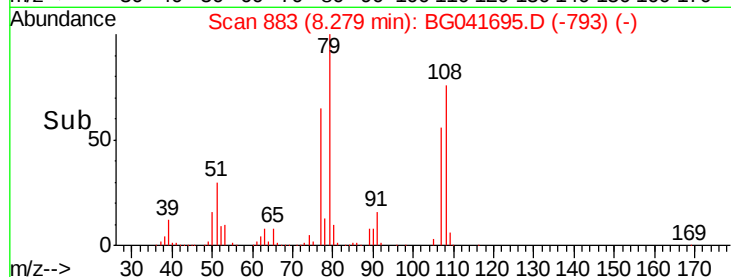
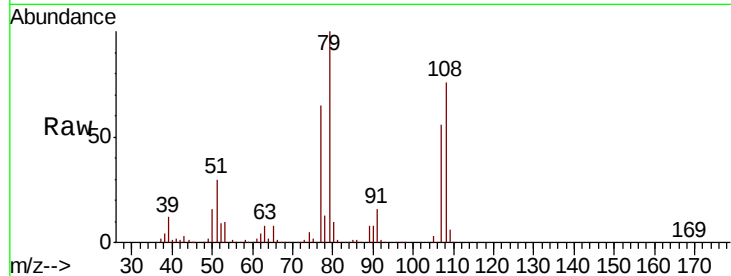
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	79	Resp:	237854
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.5	90.7
77	65.2	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.376 ng

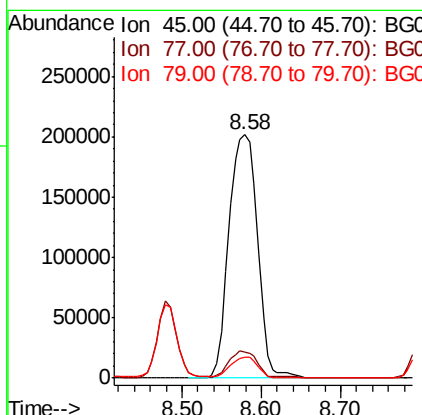
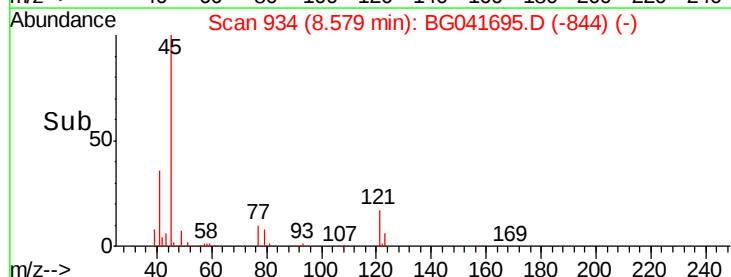
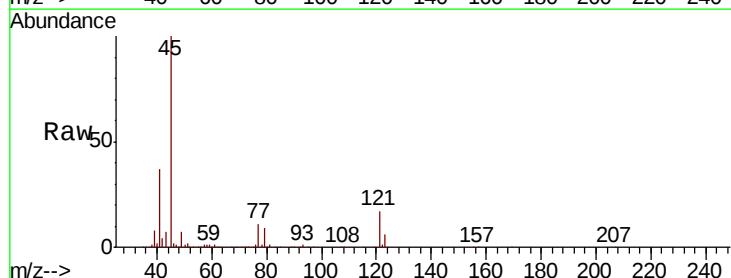
RT: 8.58 min Scan# 934

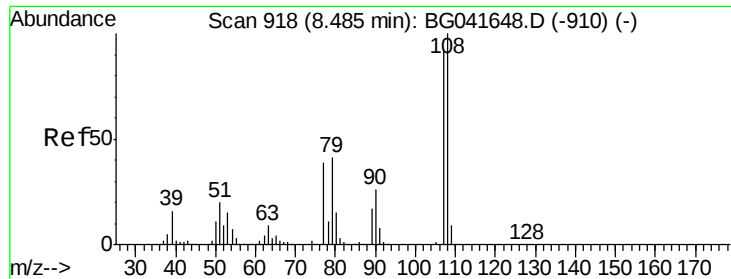
Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	45	Resp:	503386
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.4
79	8.5	0.0	27.9





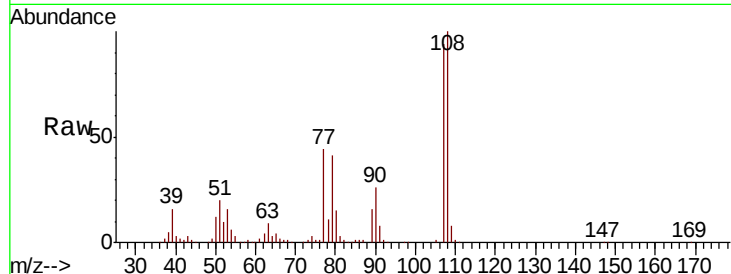
#17
2-Methylphenol
Concen: 40.682 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.7	87.6	131.4	
77	46.8	36.1	54.1	
79	43.9	36.4	54.6	

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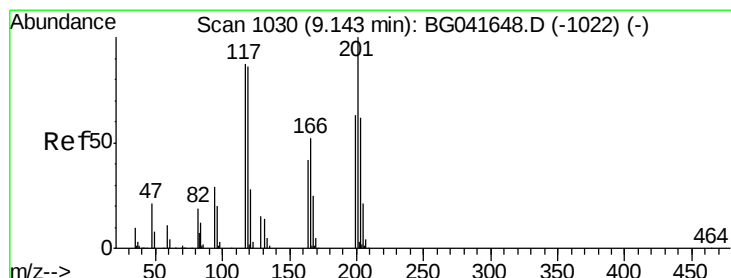
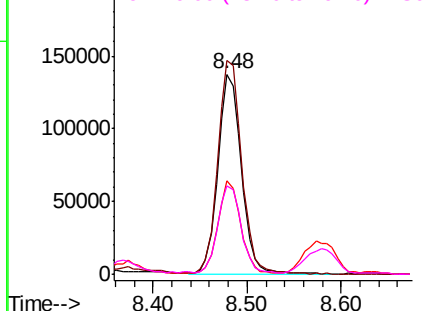
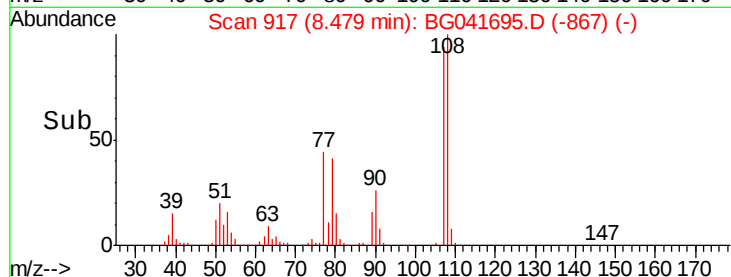
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

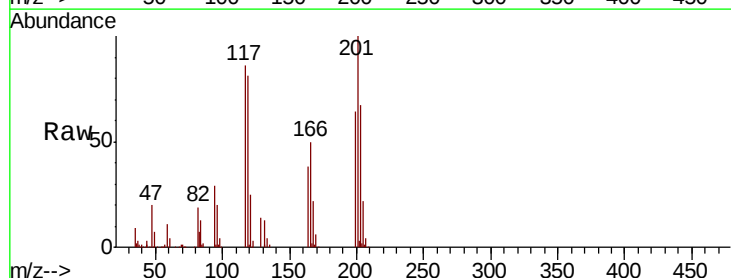
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.922 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	76.2	114.2	
201	115.7	94.1	141.1	

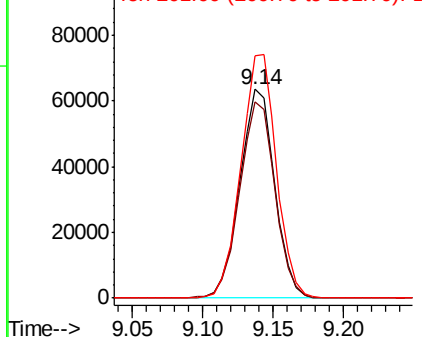
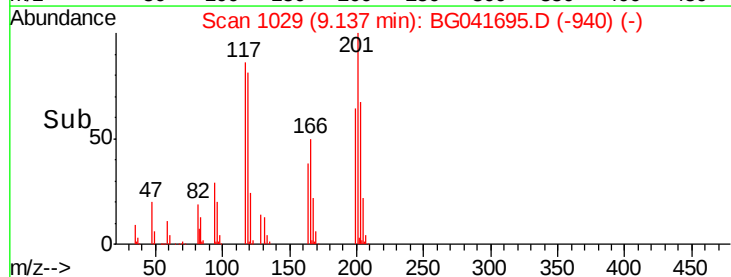


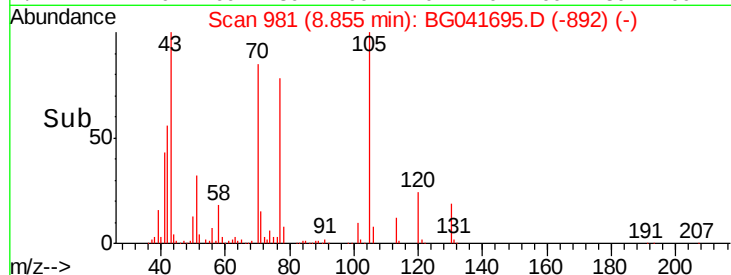
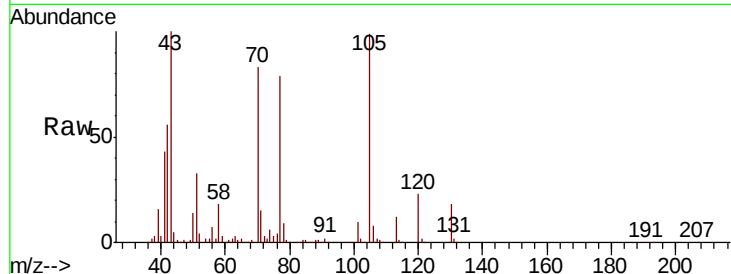
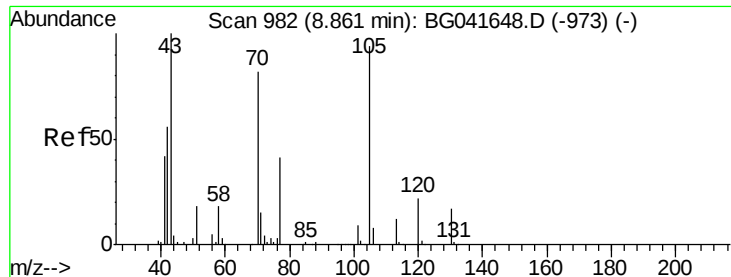
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





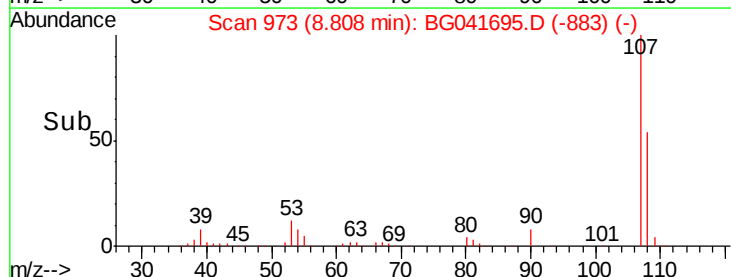
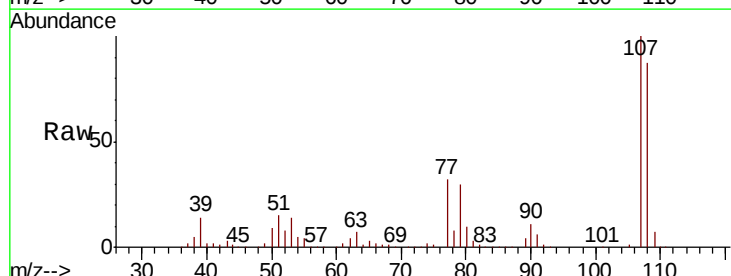
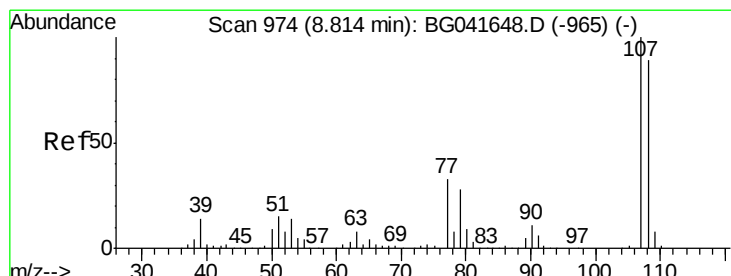
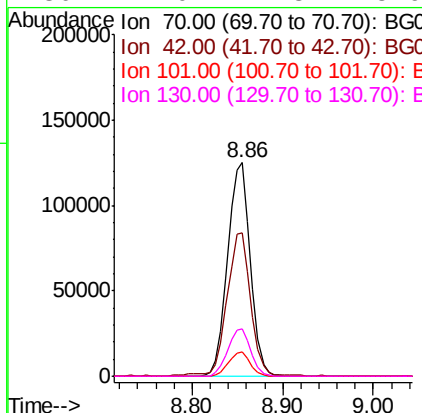
#19
n-Nitroso-di-n-propylamine
Concen: 36.945 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	66.9	55.8	83.6	
101	11.4	8.1	12.1	
130	22.0	17.3	25.9	

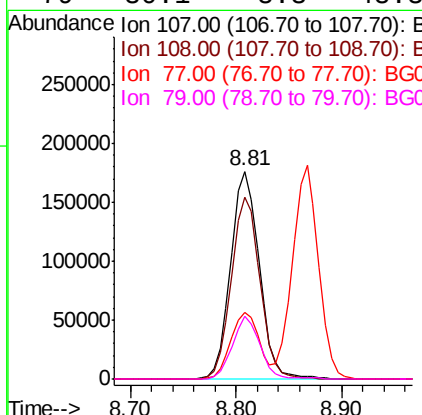
Manual Integrations
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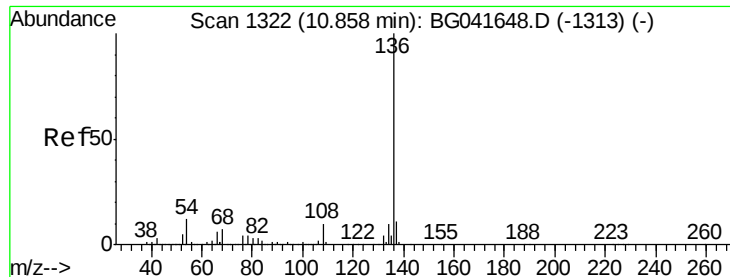
mohammad
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#20
3+4-Methylphenols
Concen: 40.804 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.3	67.5	107.5	
77	32.2	12.3	52.3	
79	30.1	8.3	48.3	





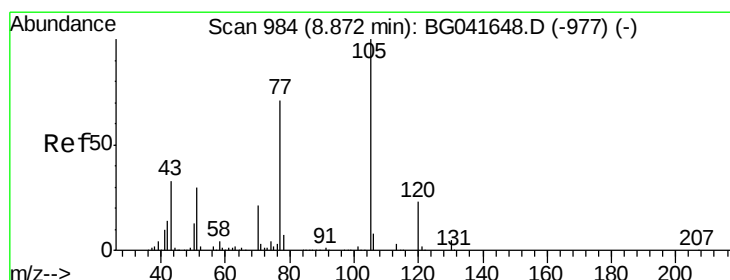
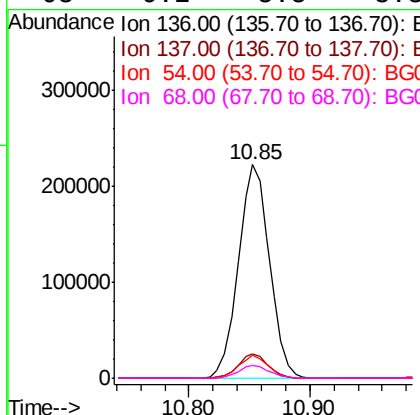
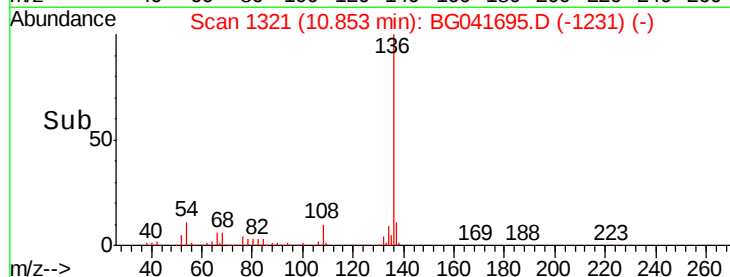
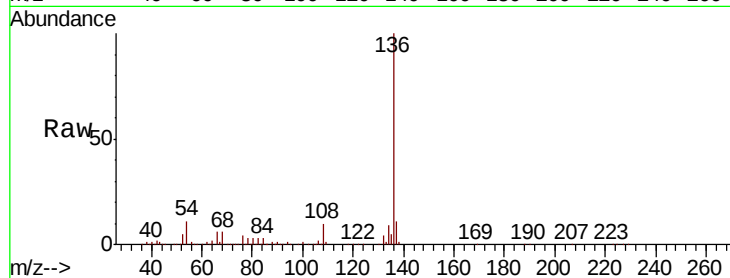
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		397838		
137	11.1	9.2	13.8		
54	10.8	8.7	13.1		
68	6.2	5.5	8.3		

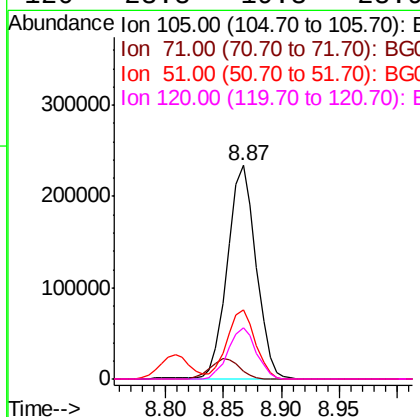
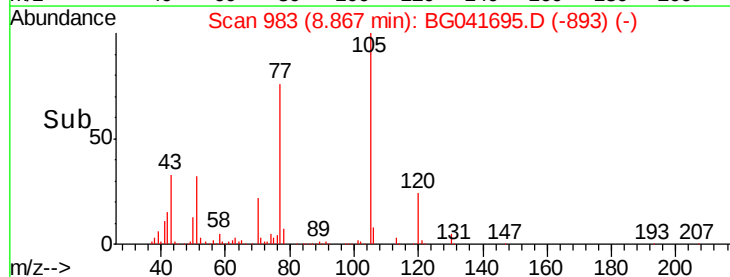
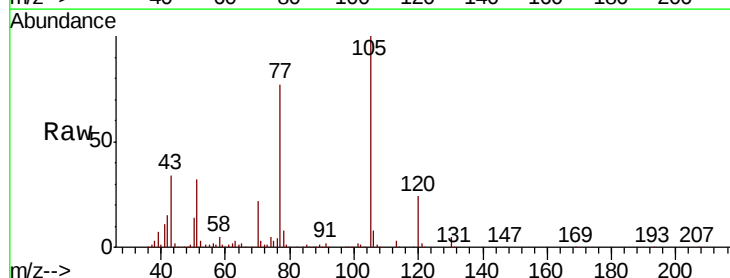
Manual Integrations
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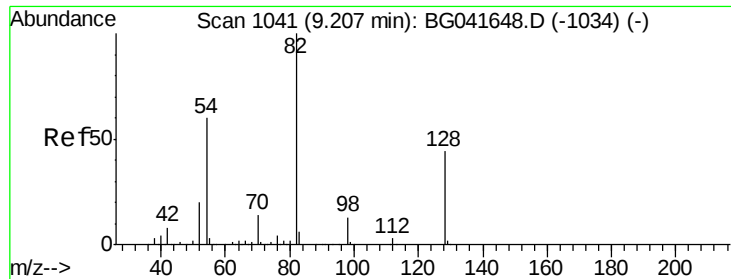
mohammad
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#22
Acetophenone
Concen: 41.184 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		399057		
71	3.5	5.9	8.9#		
51	32.4	27.7	41.5		
120	23.8	19.3	28.9		





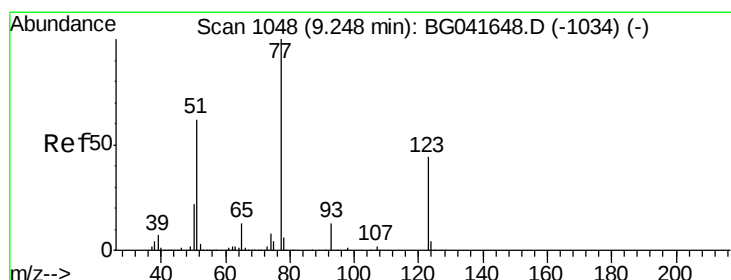
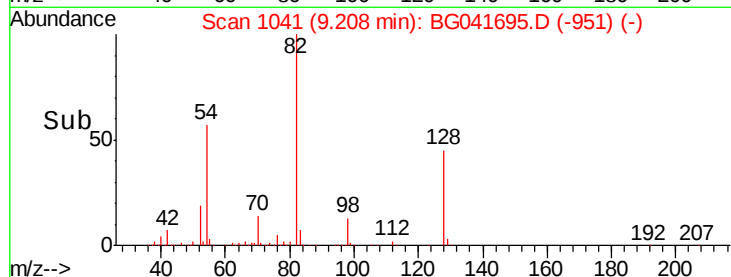
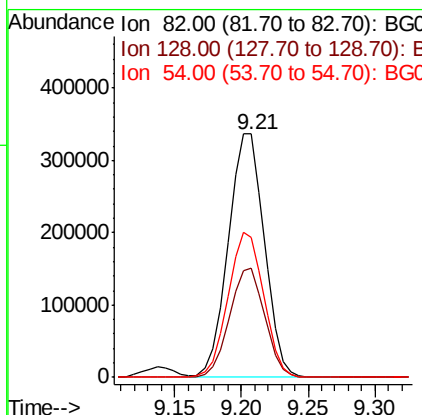
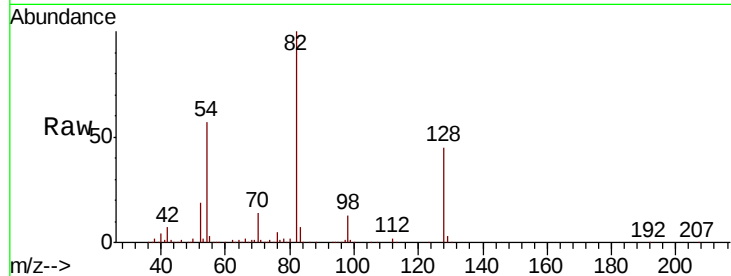
#23
 Nitrobenzene-d5
 Concen: 96.500 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	57.4	48.7	73.1

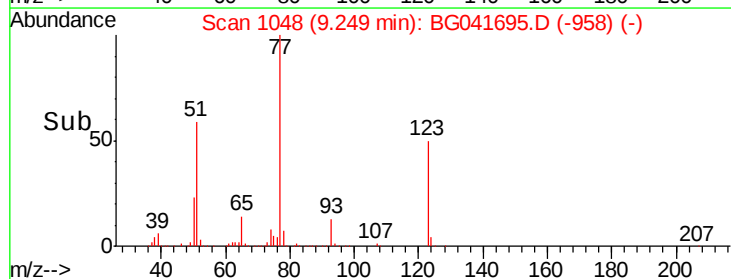
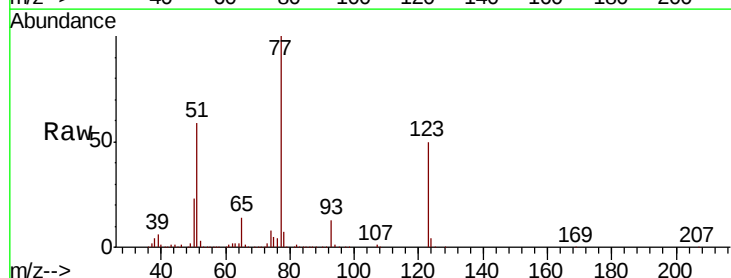
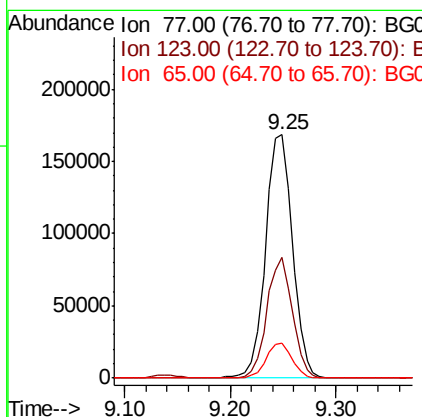
Manual Integrations
 APPROVED

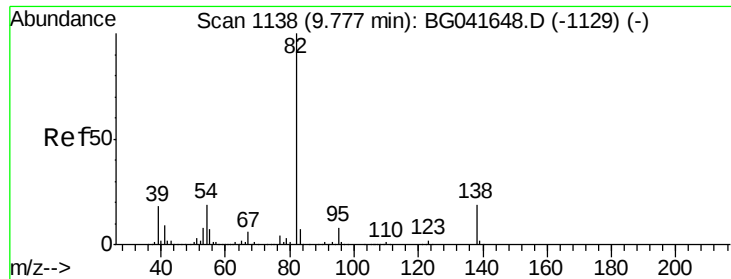
mohammad
 7/19/2019 2:24:53 PM



#24
 Nitrobenzene
 Concen: 41.751 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	38.1	57.1
65	14.4	11.0	16.6





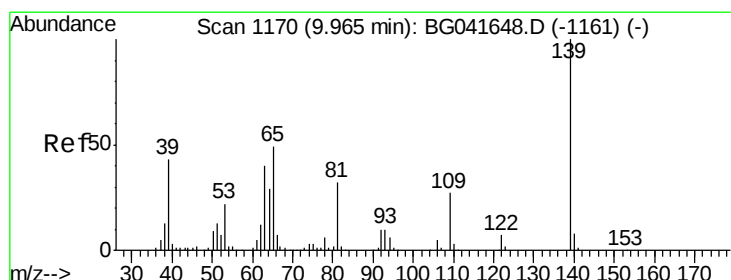
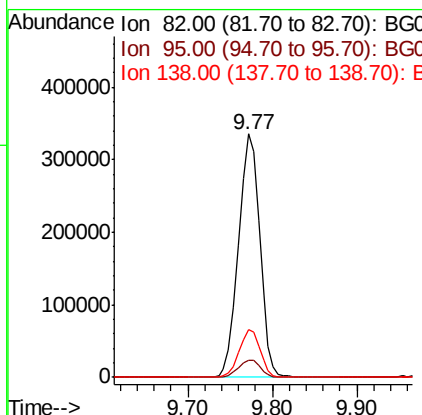
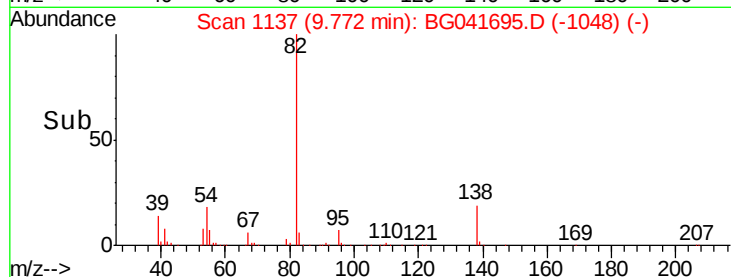
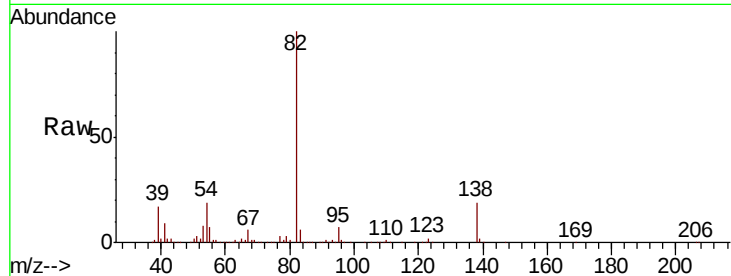
#25
Isophorone
Concen: 40.725 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.9	8.9	
138	19.4	16.3	24.5	

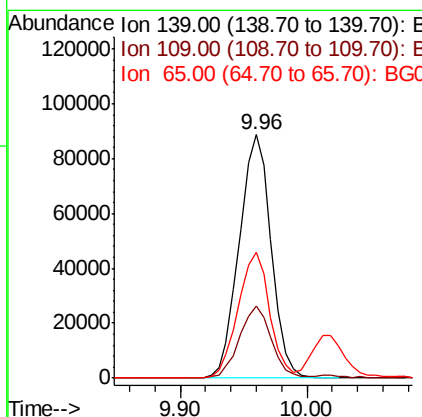
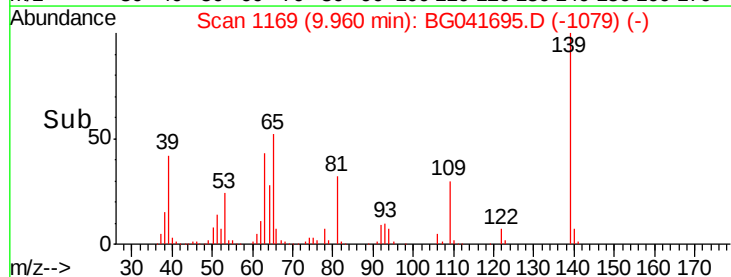
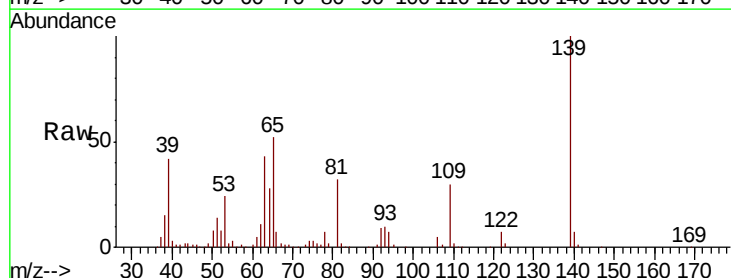
Manual Integrations
APPROVED

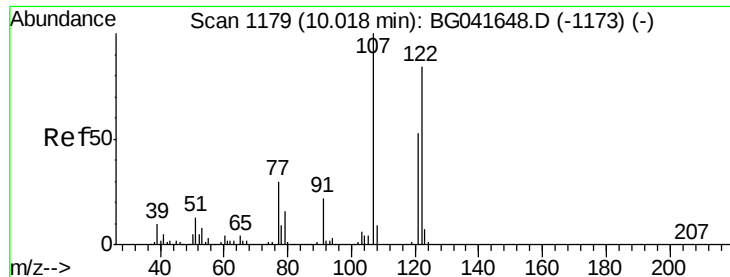
mohammad
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#26
2-Nitrophenol
Concen: 47.282 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.6	22.7	34.1	
65	51.8	41.1	61.7	





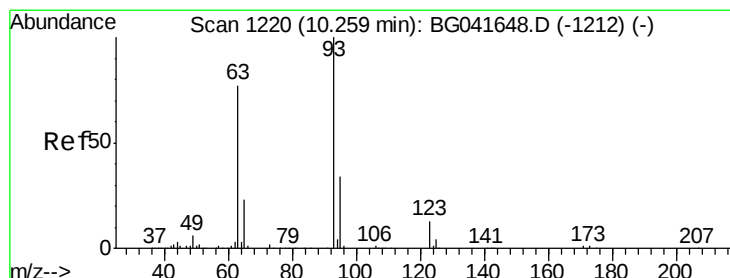
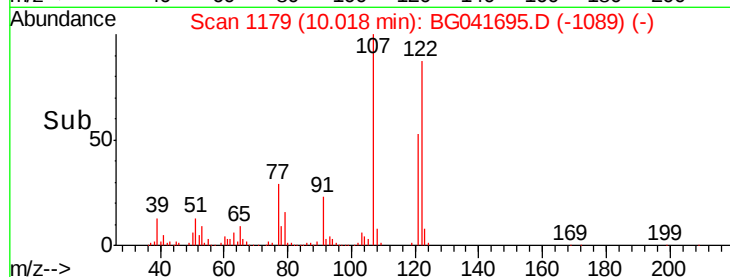
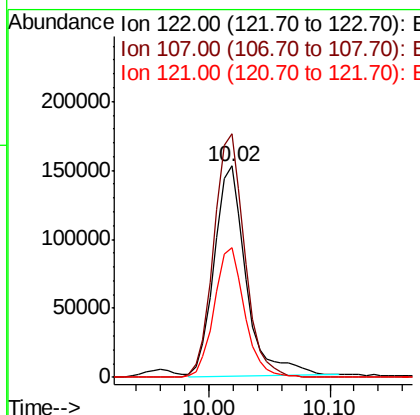
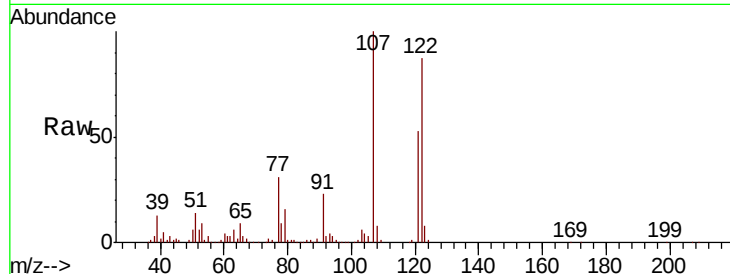
#27
 2,4-Dimethylphenol
 Concen: 48.893 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.3	136.9
121	61.5	49.2	73.8

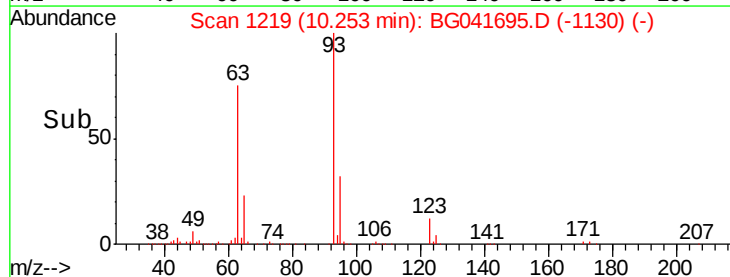
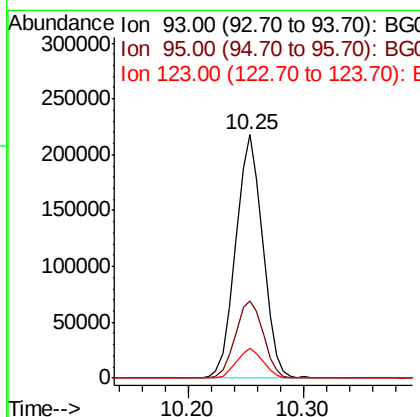
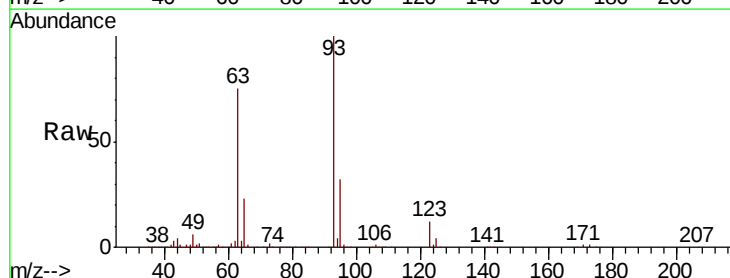
Manual Integrations
 APPROVED

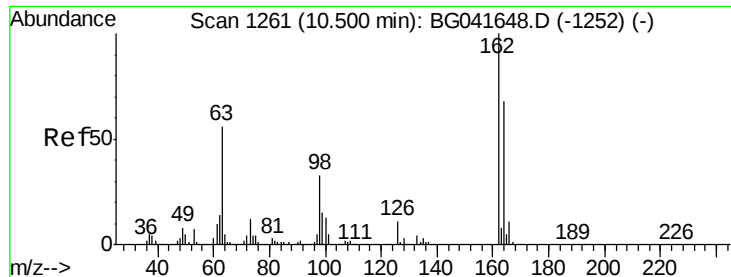
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.949 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.2	39.4
123	12.1	9.9	14.9





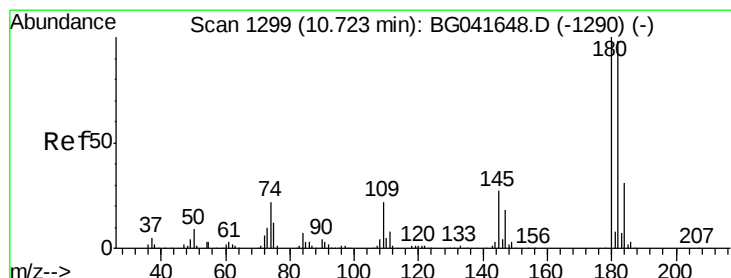
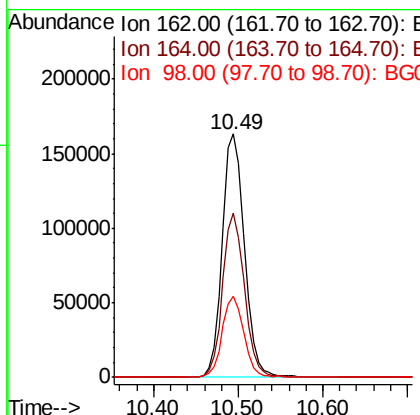
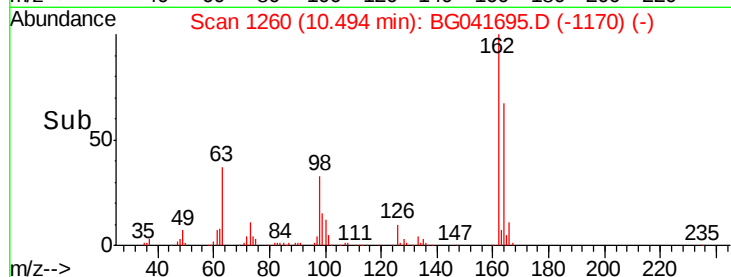
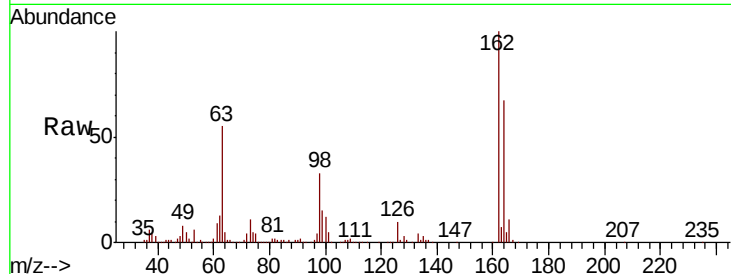
#29
2,4-Dichlorophenol
Concen: 45.914 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	296697		
164	67.4	46.1	86.1	
98	33.3	14.7	54.7	

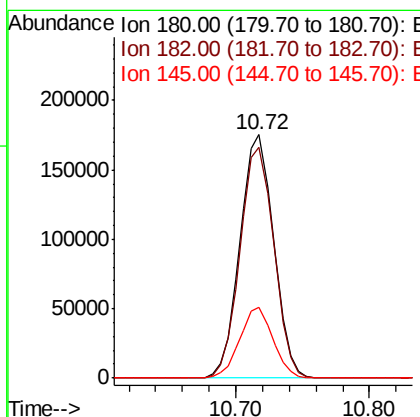
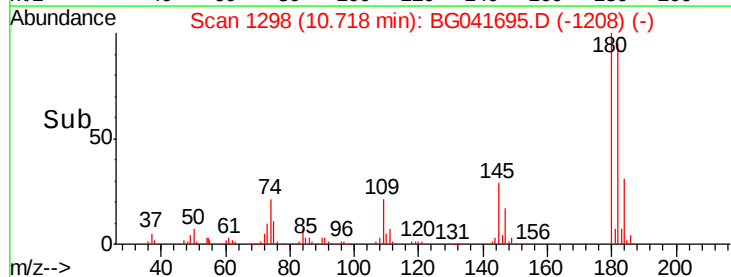
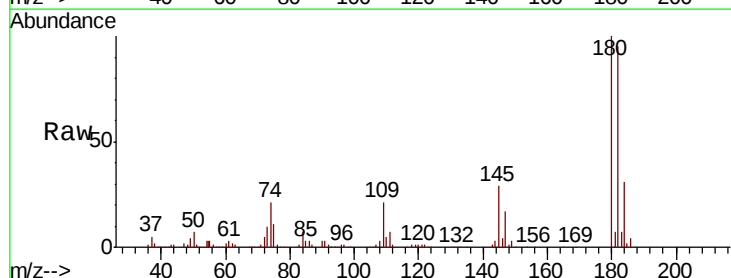
Manual Integrations
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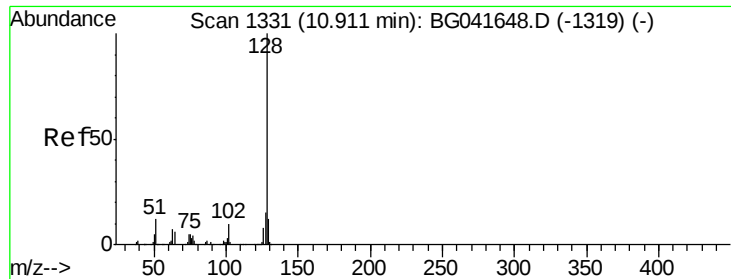
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.436 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306804		
182	94.7	76.2	114.2	
145	29.0	23.8	35.8	





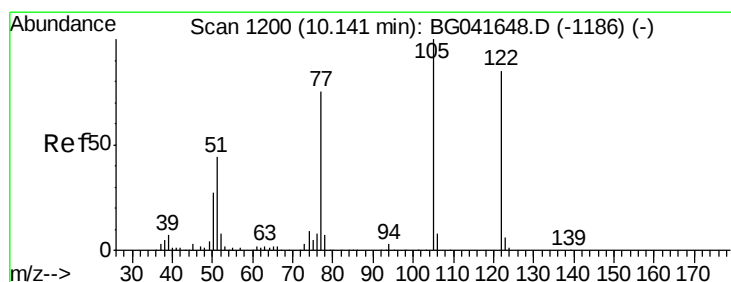
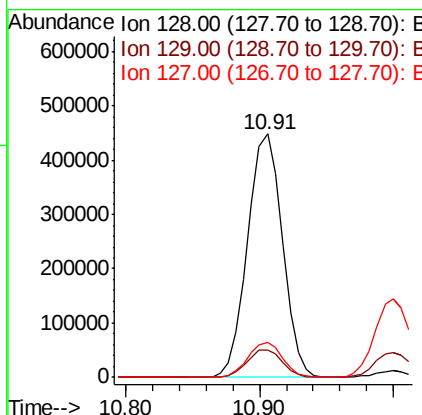
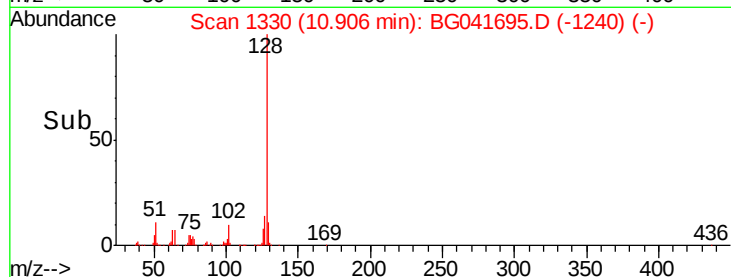
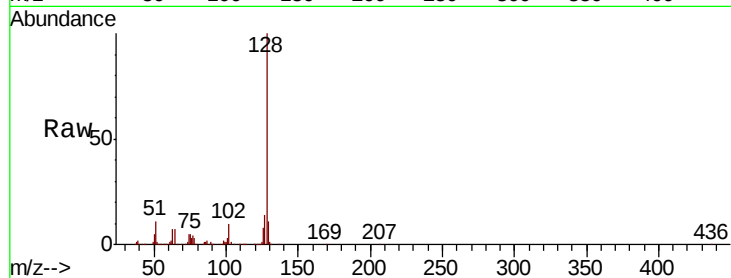
#31
Naphthalene
Concen: 41.242 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	14.2	12.3	18.5

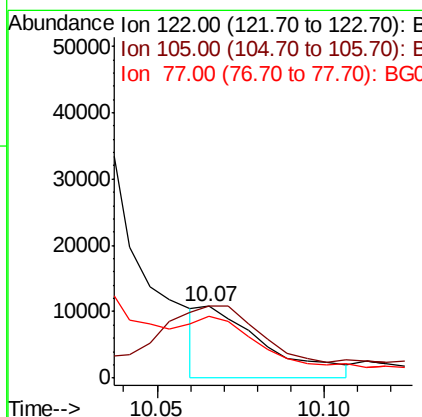
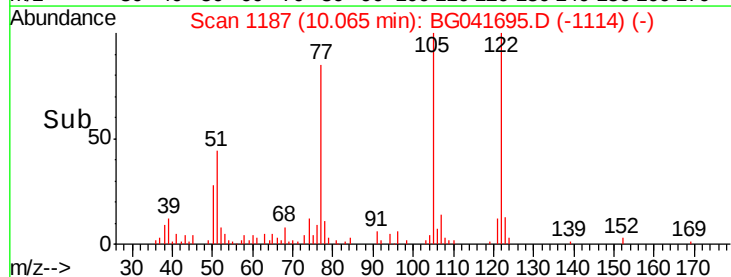
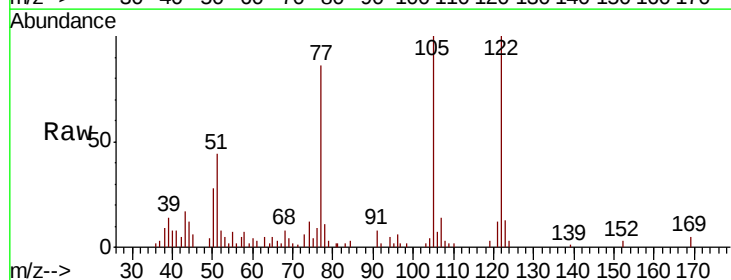
Manual Integrations
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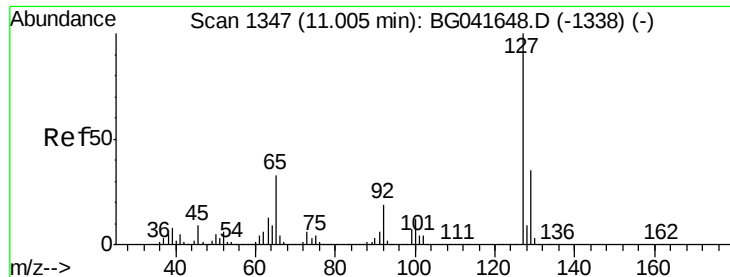
mohammad
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#32
Benzoic acid
Concen: 8.986 ng m
RT: 10.07 min Scan# 1187
Delta R.T. -0.10 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	100.4	101.5	141.5#
77	86.5	73.0	113.0





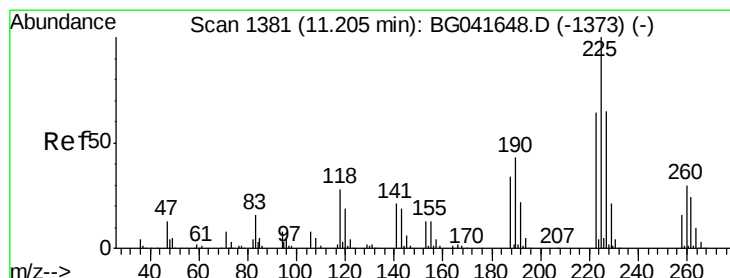
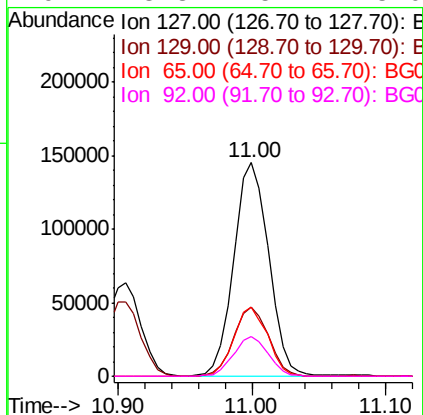
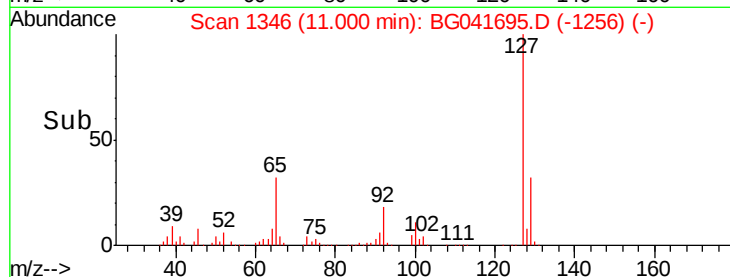
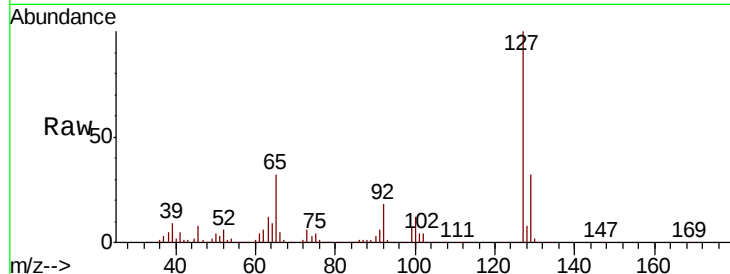
#33
4-Chloroaniline
Concen: 29.144 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	32.5	26.7	40.1
92	18.3	15.4	23.0

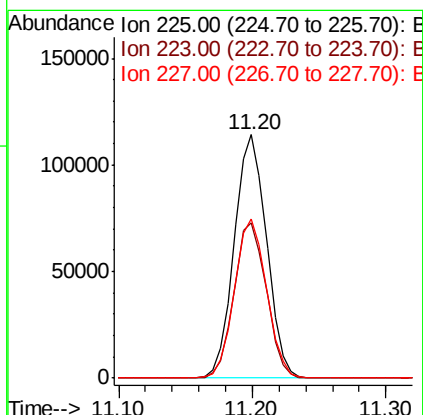
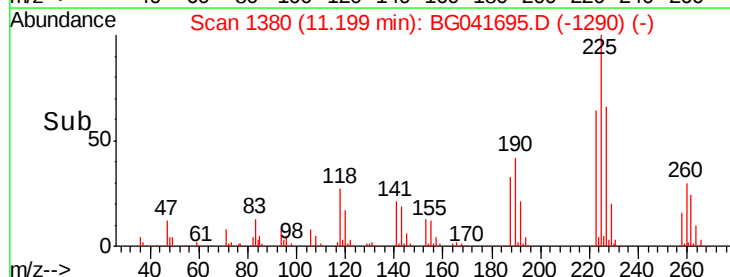
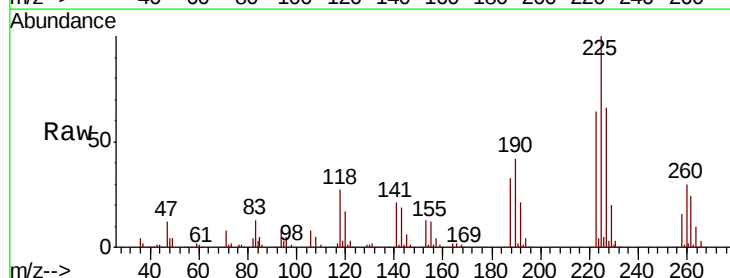
Manual Integrations
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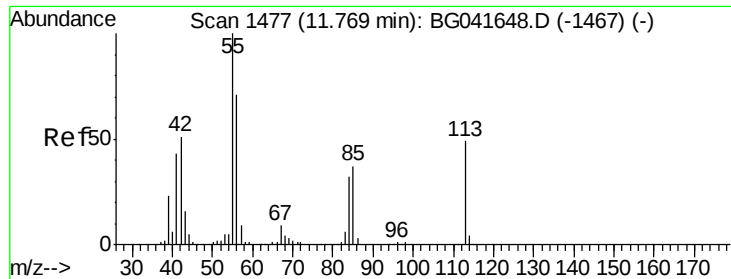
mohammad
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#34
Hexachlorobutadiene
Concen: 39.238 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	65.5	50.9	76.3





#35

Caprolactam

Concen: 49.666 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion:113 Resp: 117966

Ion Ratio Lower Upper

113 100

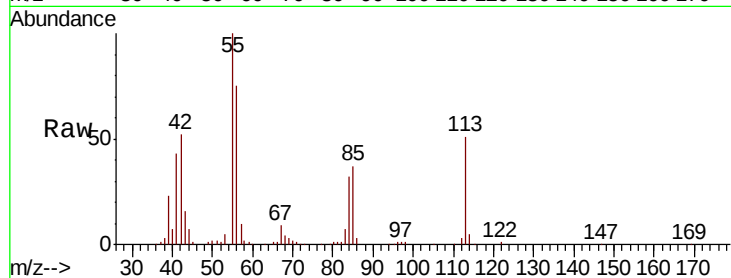
55 195.0 199.4 239.4#

56 145.7 133.6 173.6

Manual Integrations
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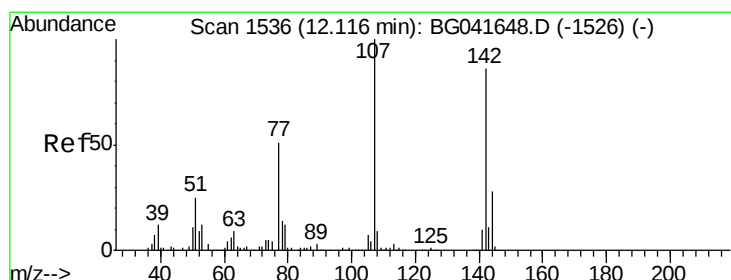
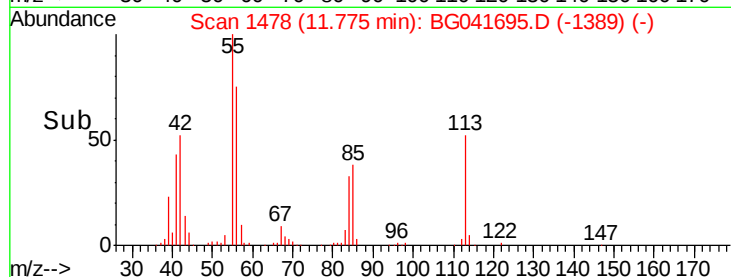
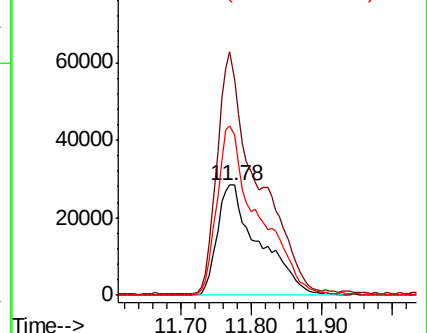
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.845 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

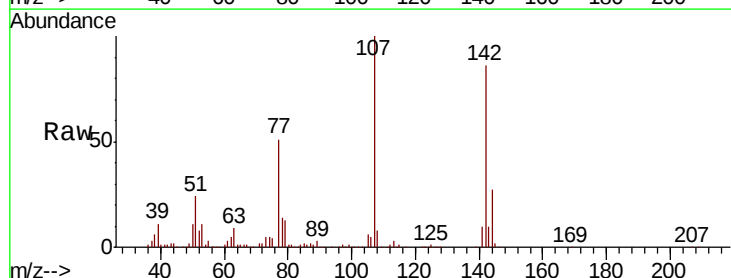
Tgt Ion:107 Resp: 303583

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.2

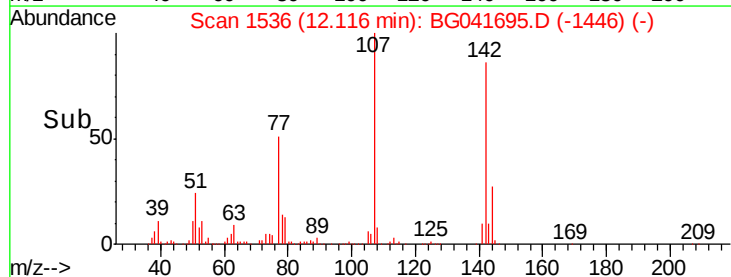
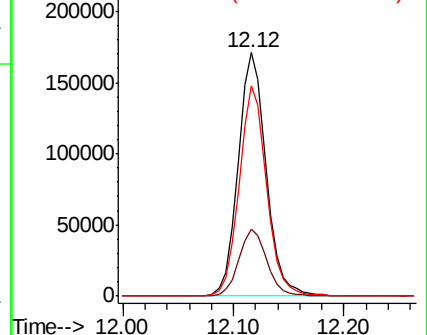
142 86.2 67.3 100.9

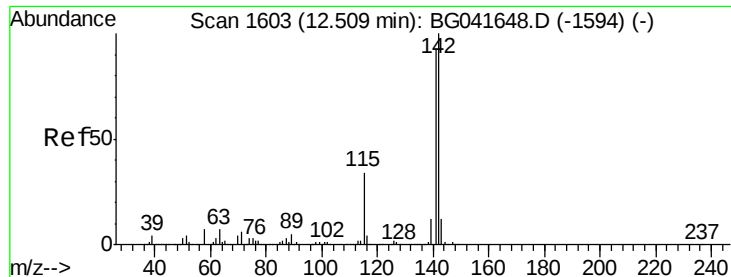


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





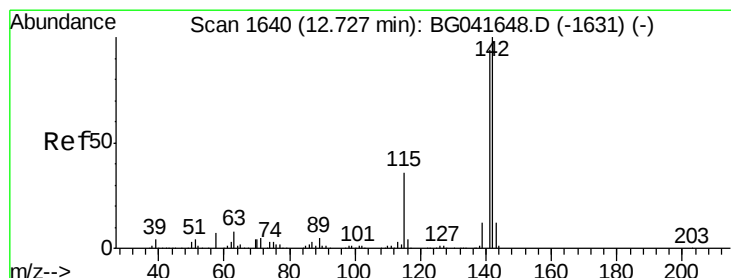
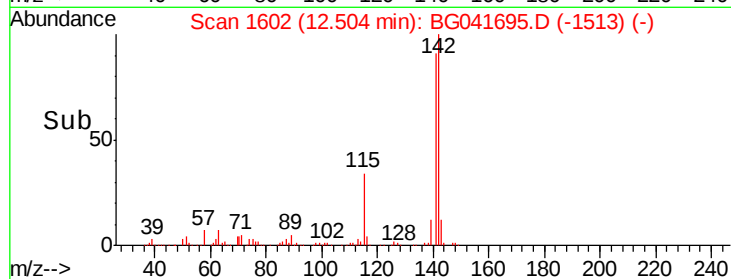
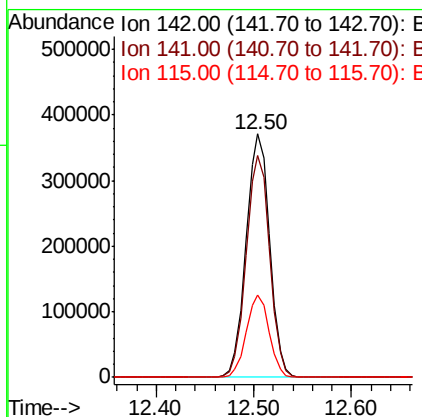
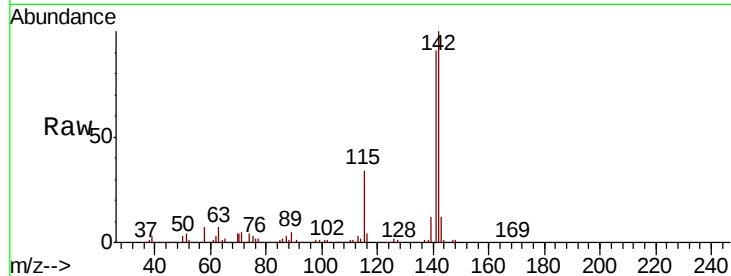
#37
2-Methylnaphthalene
Concen: 41.885 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
115	34.1	27.0	40.4

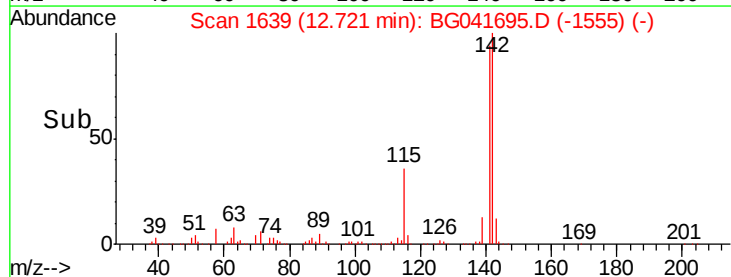
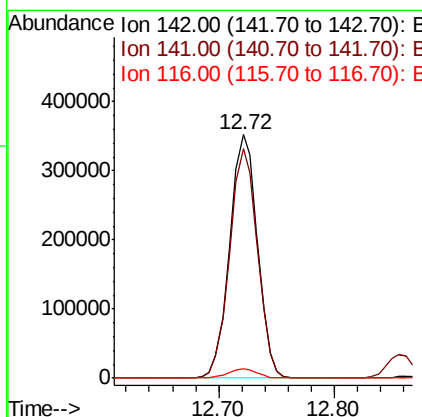
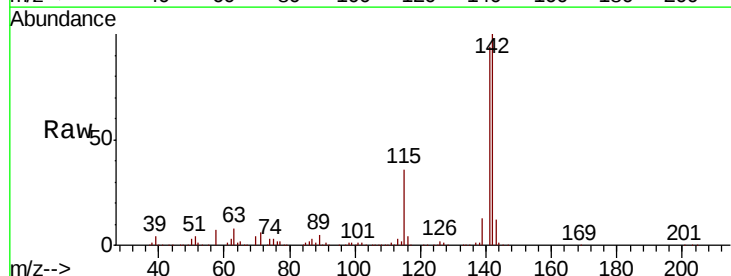
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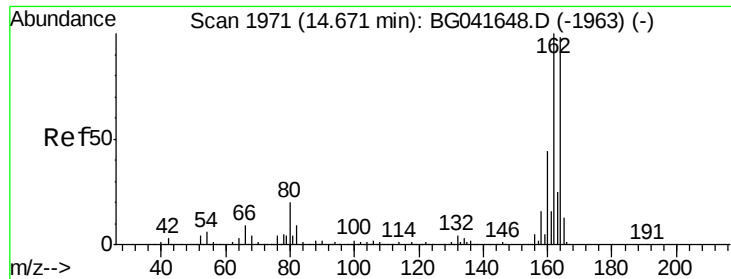
mohammad
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#38
1-Methylnaphthalene
Concen: 41.040 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.4	113.2
116	4.0	3.2	4.8





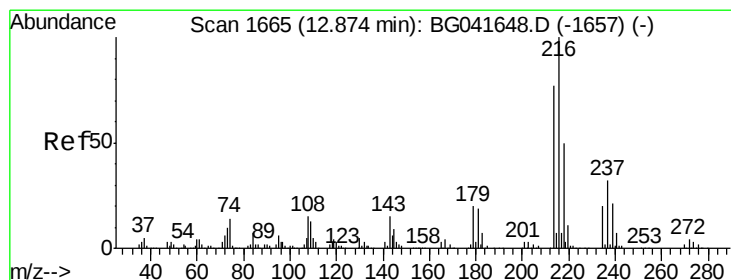
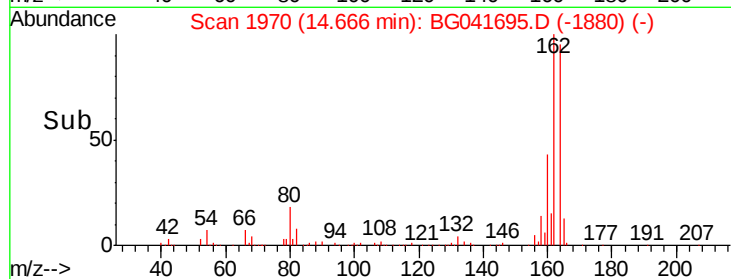
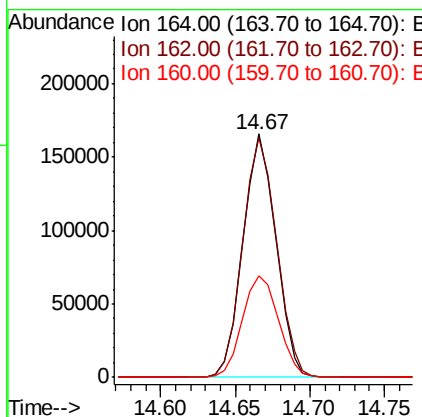
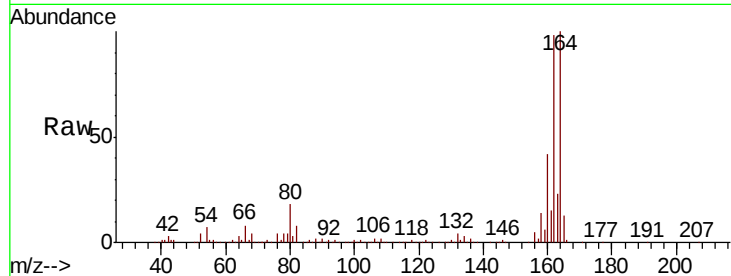
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.6	119.4
160	41.8	35.4	53.0

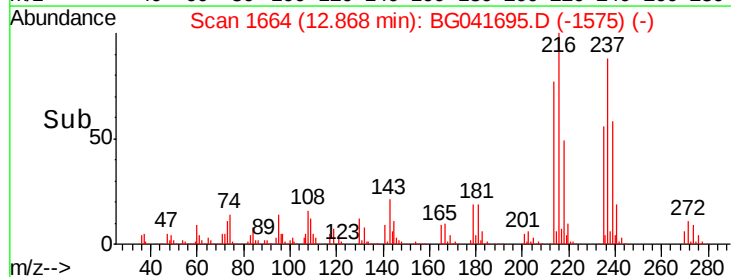
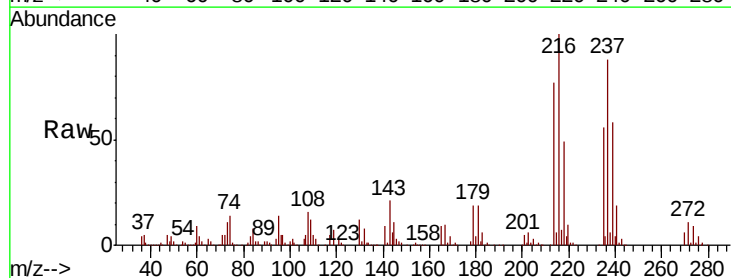
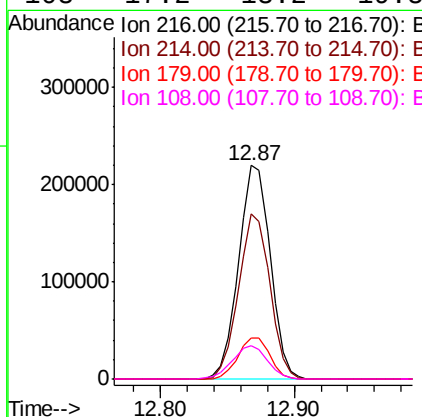
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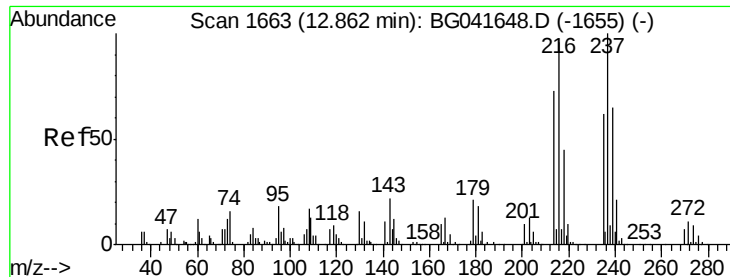
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.509 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.5	92.3
179	19.4	16.2	24.2
108	17.2	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 97.895 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

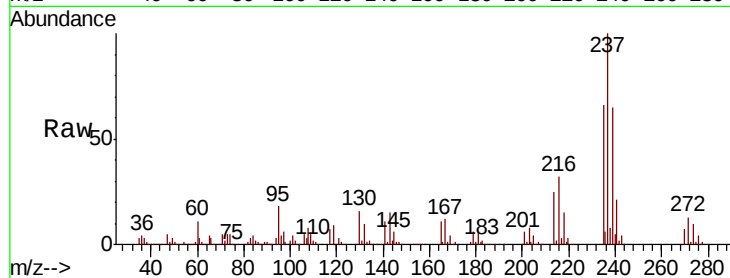
ClientSampleId :

SB-4(0-2)MSD

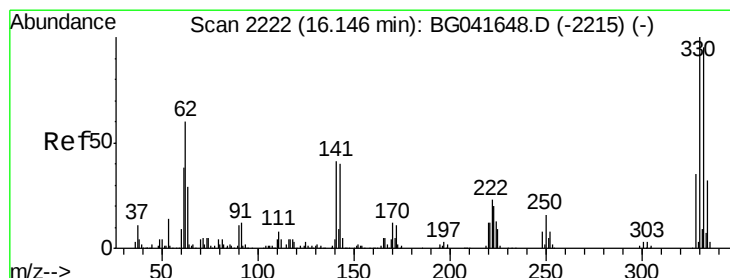
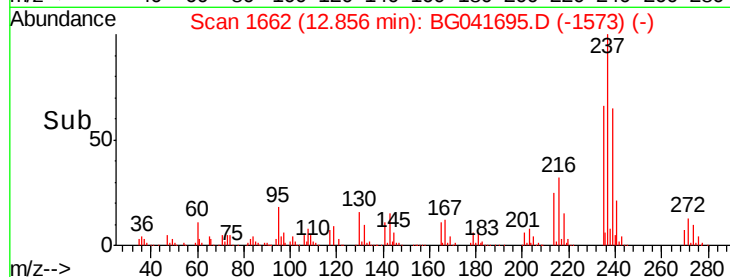
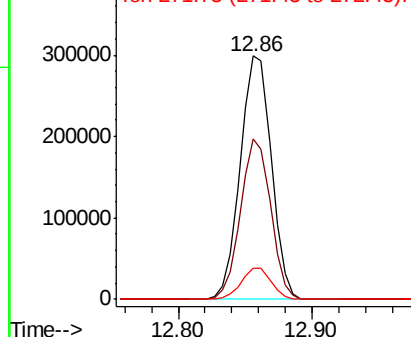
Tot Ion:	237	Resp:	480776
Ion Ratio	Lower	Upper	
237	100		
235	65.8	43.5	83.5
272	12.7	0.0	31.2

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



#42

2,4,6-Tribromophenol

Concen: 153.519 ng

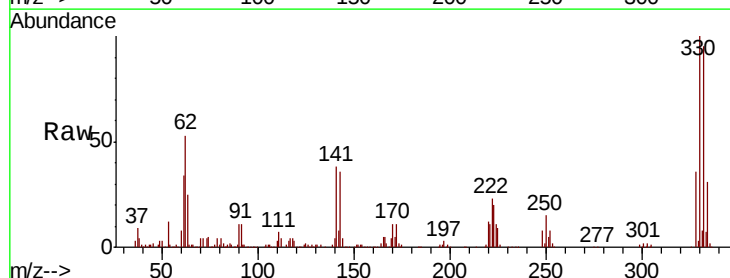
RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

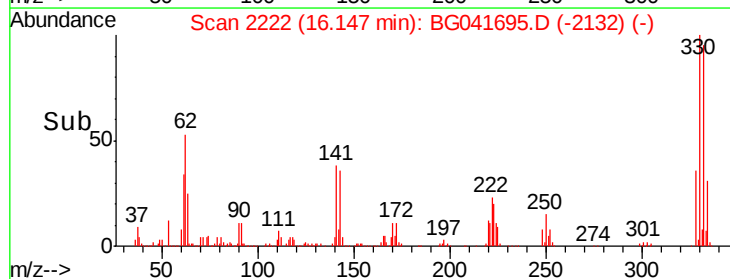
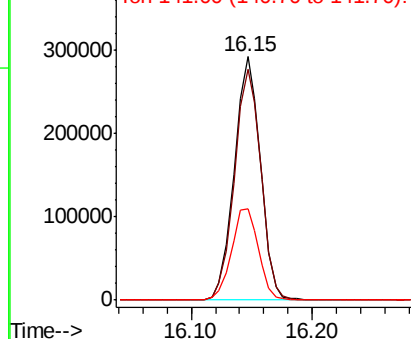
Lab File: BG041695.D

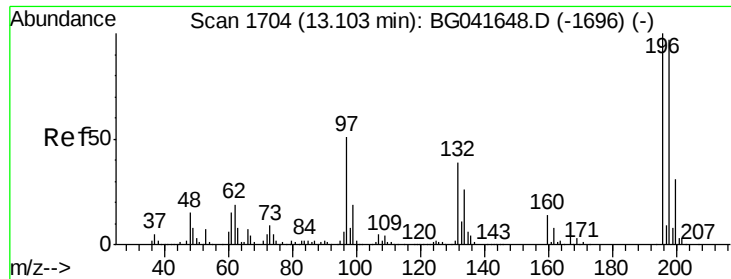
Acq: 17 Jul 2019 19:43

Tgt Ion:	330	Resp:	438514
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.0
141	38.9	31.9	47.9



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





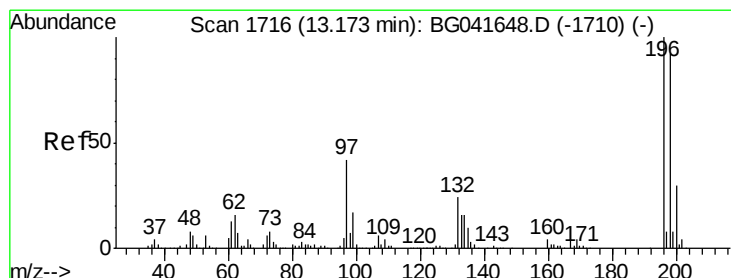
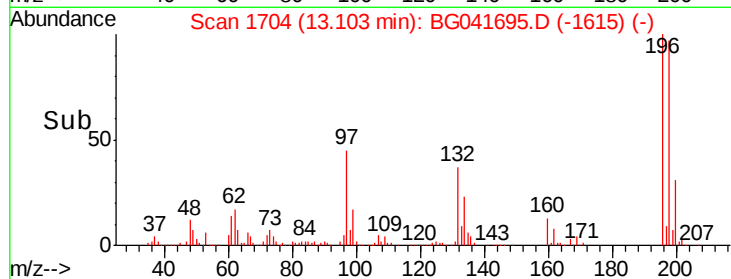
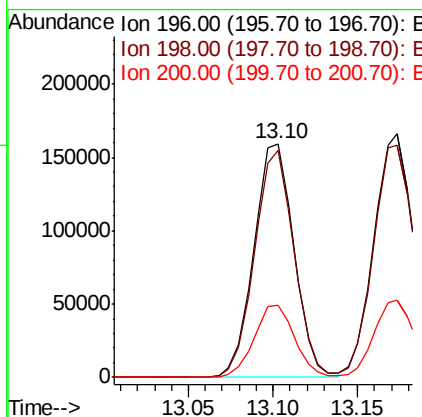
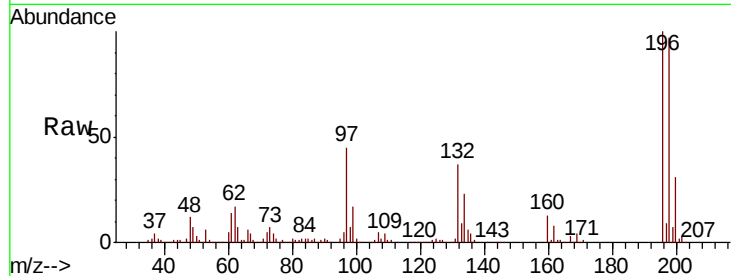
#43
 2,4,6-Trichlorophenol
 Concen: 46.407 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261786		
198	97.4	79.6	119.4	
200	31.0	25.2	37.8	

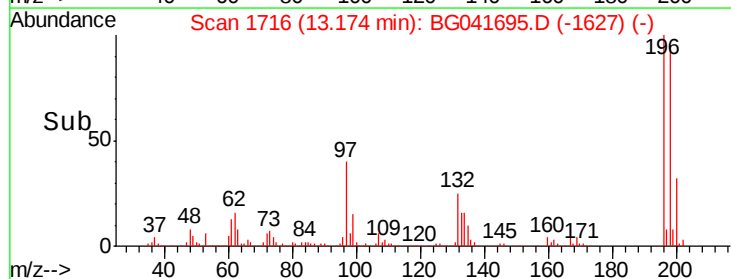
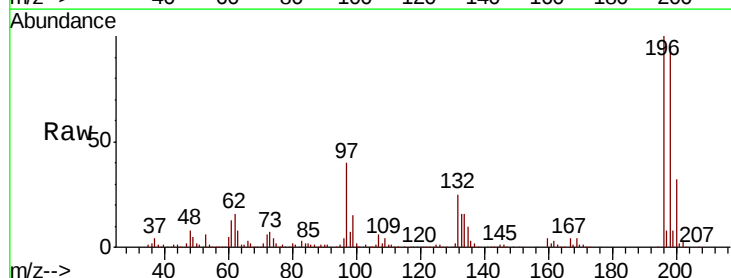
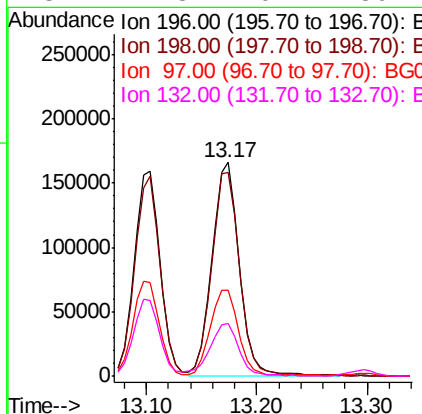
Manual Integrations
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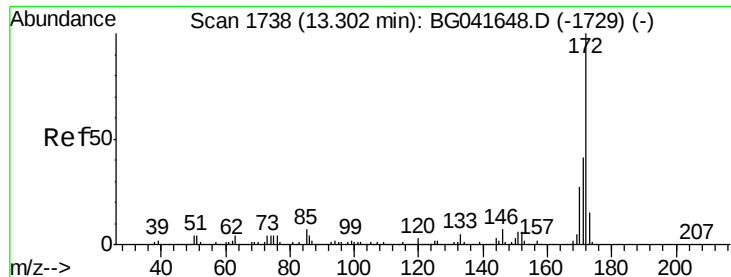
mohammad
 7/19/2019 2:24:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.303 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281149		
198	95.4	80.6	121.0	
97	40.0	33.9	50.9	
132	24.8	20.2	30.2	





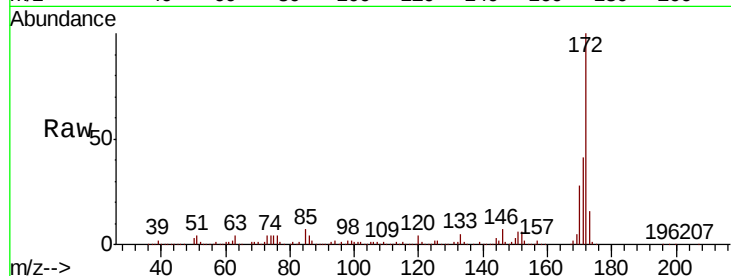
#45
2-Fluorobiphenyl
Concen: 87.000 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.2	35.0	52.4
170	27.7	23.5	35.3

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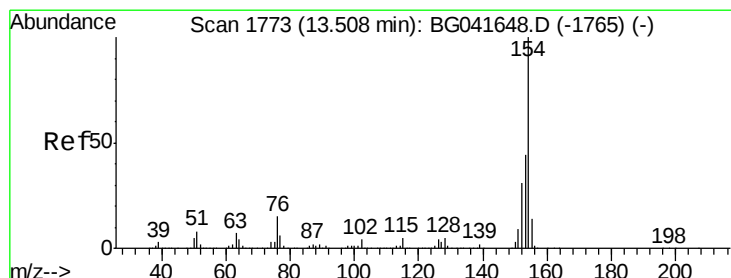
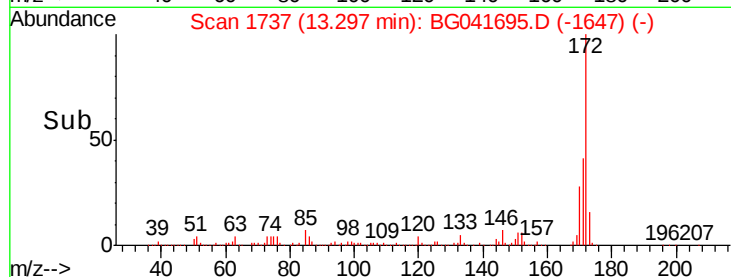
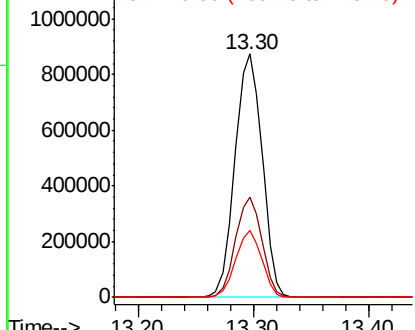


Abundance

Ion 172.00 (171.70 to 172.70): E

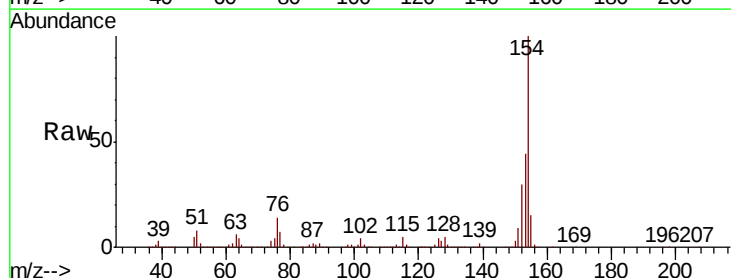
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.592 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	25.0	65.0
76	13.8	0.0	34.5

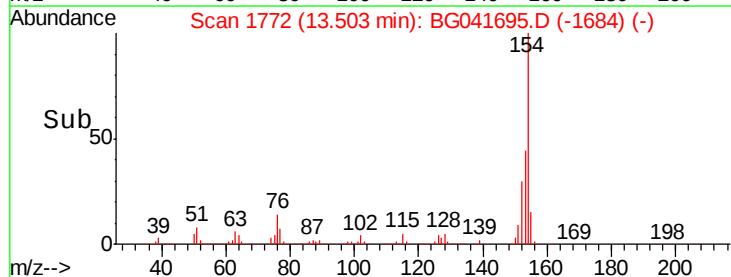
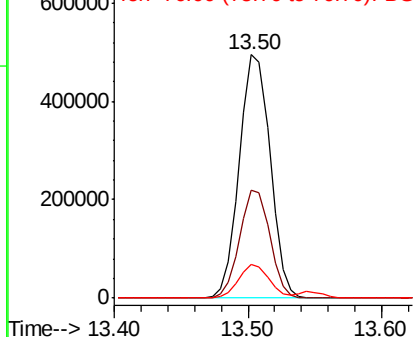


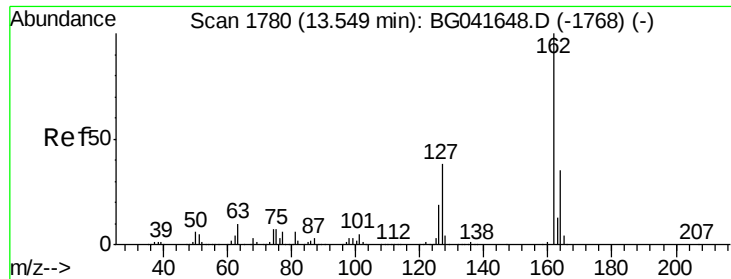
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





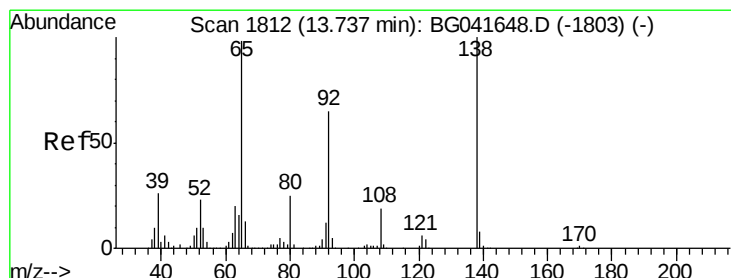
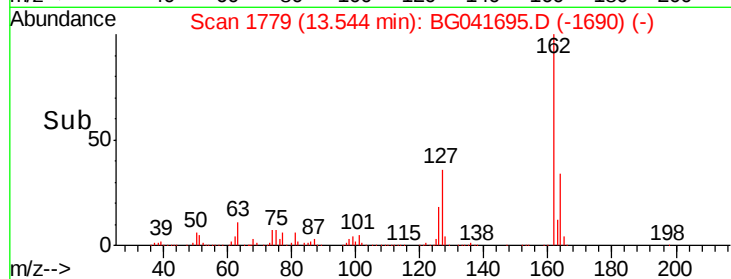
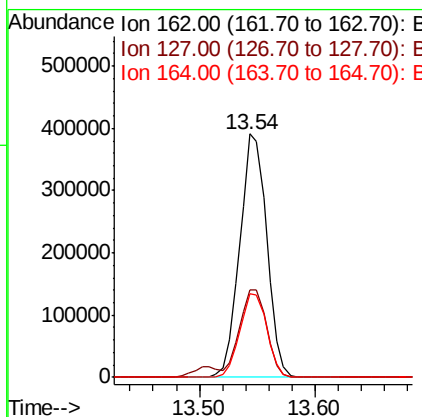
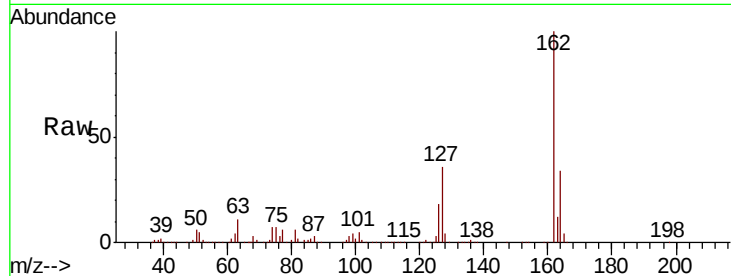
#47
2-Chloronaphthalene
Concen: 40.025 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	34.4	28.6	42.8

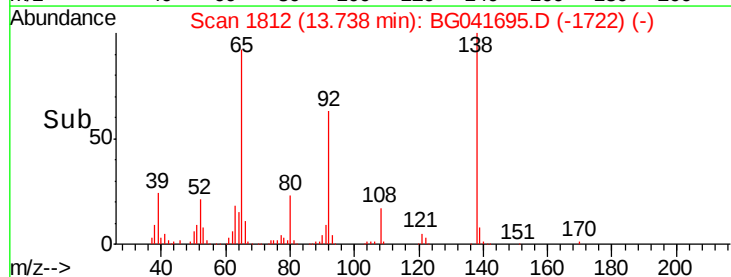
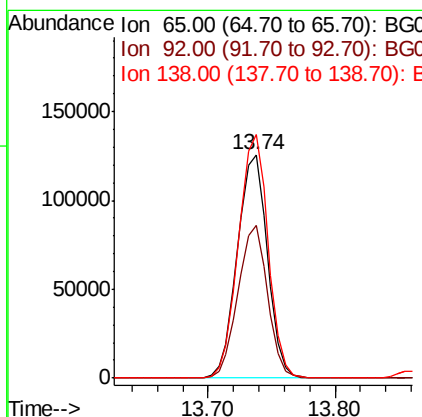
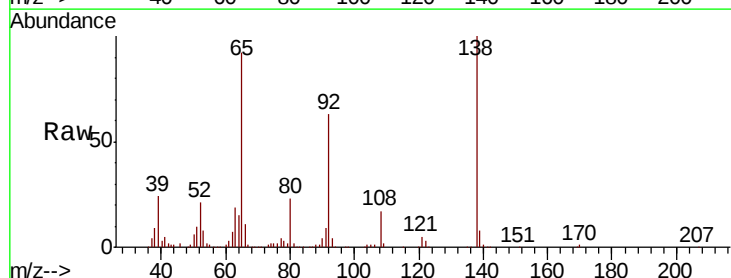
Manual Integrations
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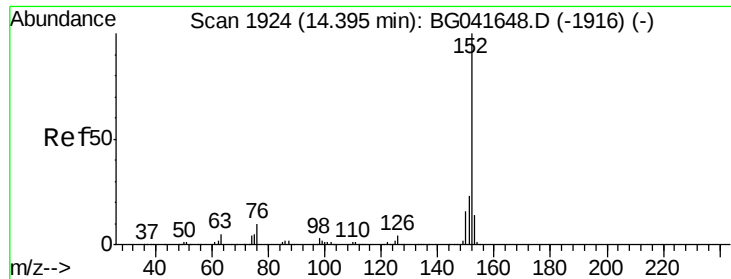
mohammad
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#48
2-Nitroaniline
Concen: 44.924 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.9	80.9
138	108.9	83.5	125.3





#49

Acenaphthylene

Concen: 41.151 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion:152 Resp: 1016641

Ion Ratio Lower Upper

152 100

151 22.8 18.7 28.1

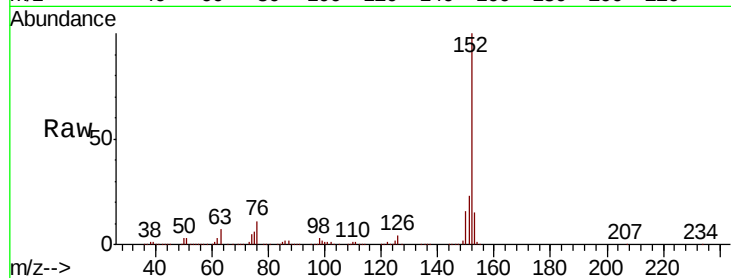
153 14.8 12.4 18.6

Manual Integrations

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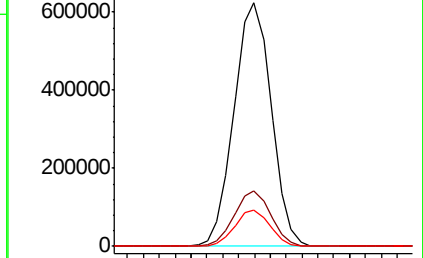
7/19/2019 2:24:53 PM



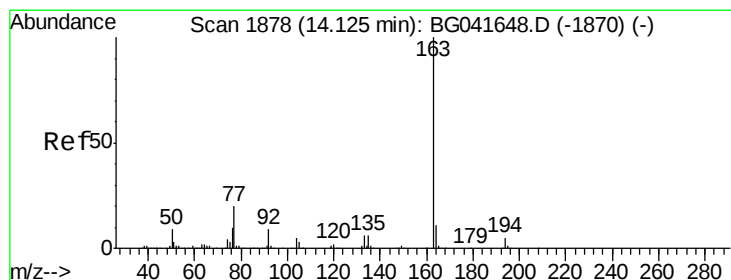
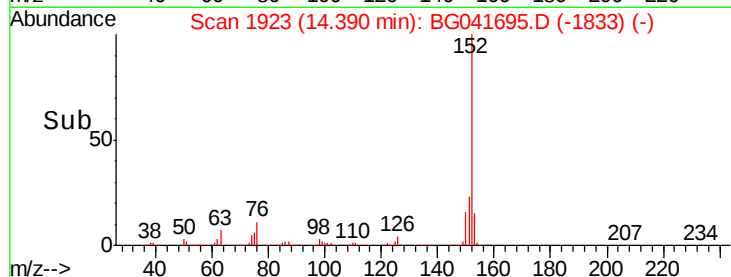
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 52.460 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

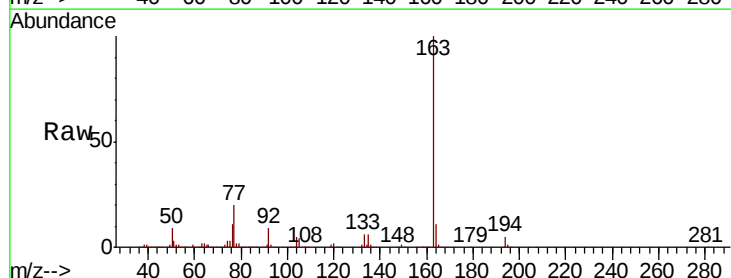
Tgt Ion:163 Resp: 1044285

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

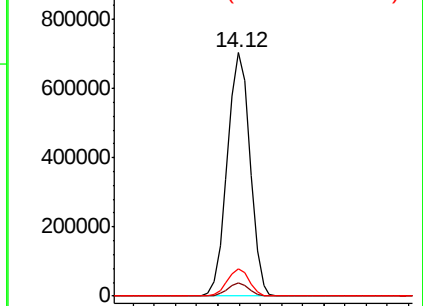
164 11.3 9.4 14.2



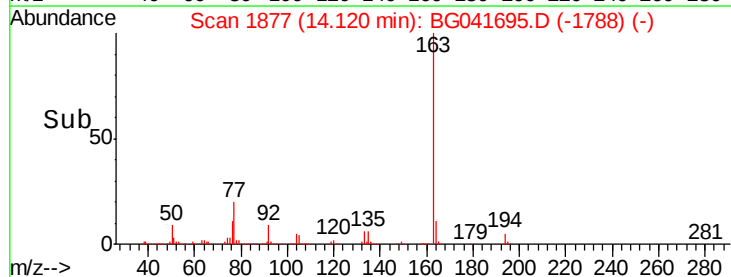
Abundance Ion 163.00 (162.70 to 163.70): E

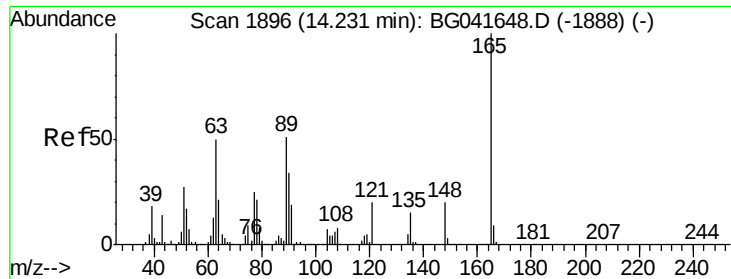
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





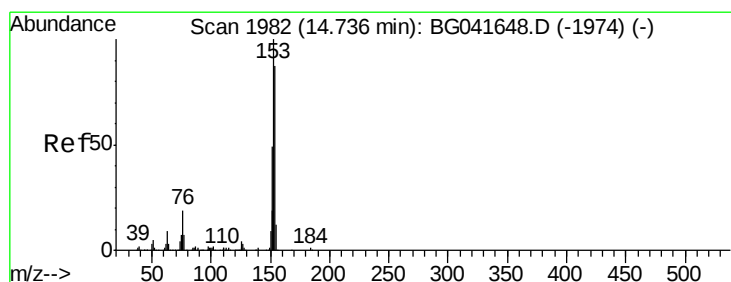
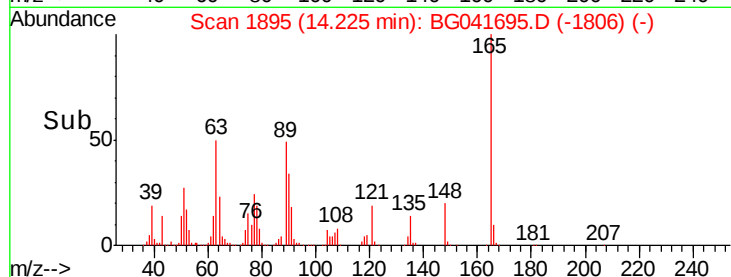
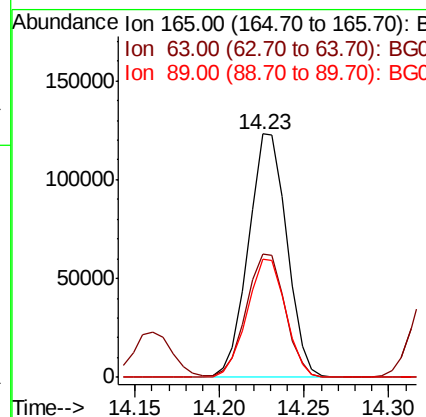
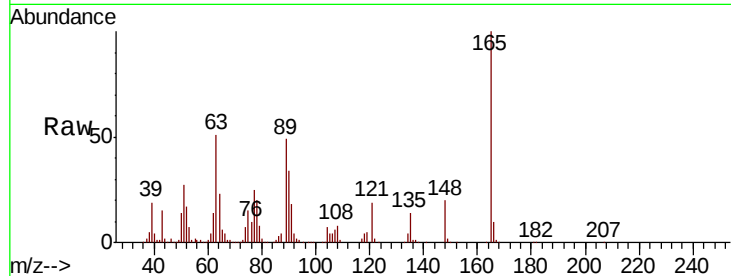
#51
 2,6-Dinitrotoluene
 Concen: 46.305 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion:	165	Resp:	195517
Ion Ratio	Lower	Upper	
165	100		
63	50.6	42.4	63.6
89	48.6	42.1	63.1

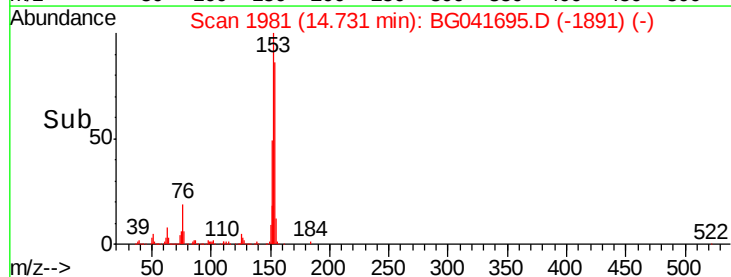
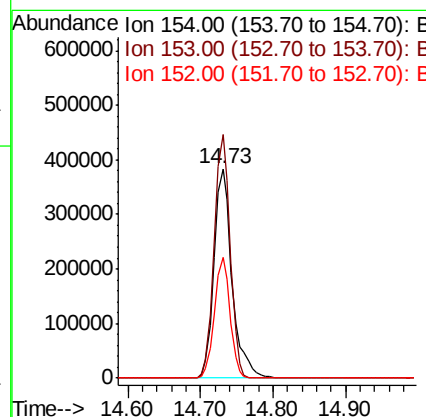
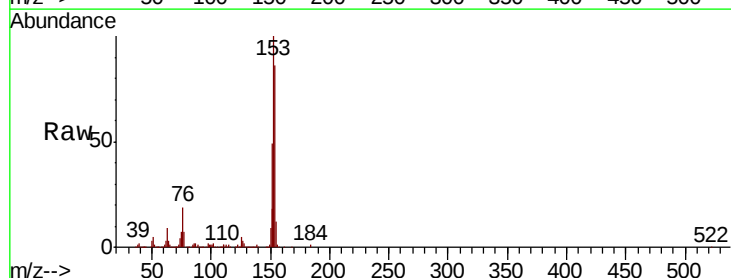
Manual Integrations
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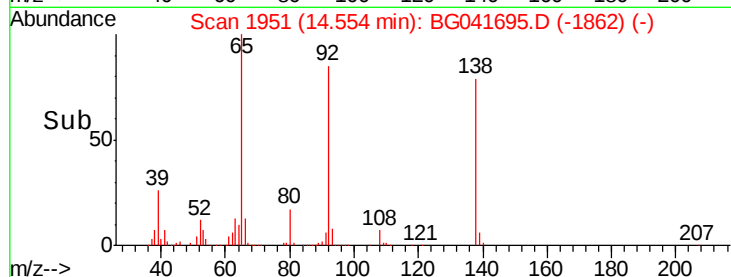
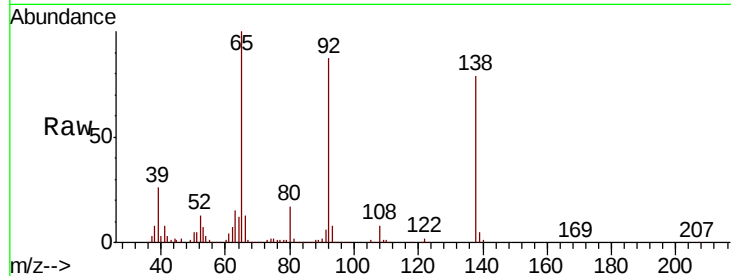
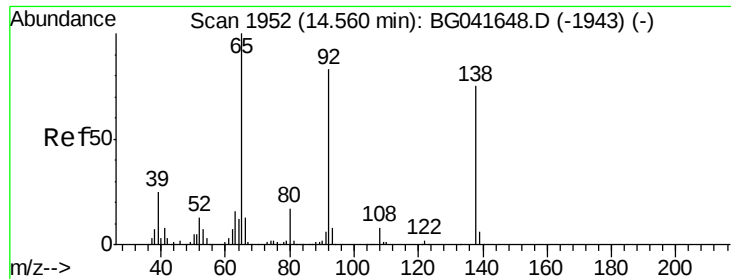
mohammad
 7/19/2019 2:24:53 PM



#52
 Acenaphthene
 Concen: 42.735 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion:	154	Resp:	665336
Ion Ratio	Lower	Upper	
154	100		
153	116.2	89.8	134.6
152	57.3	44.9	67.3





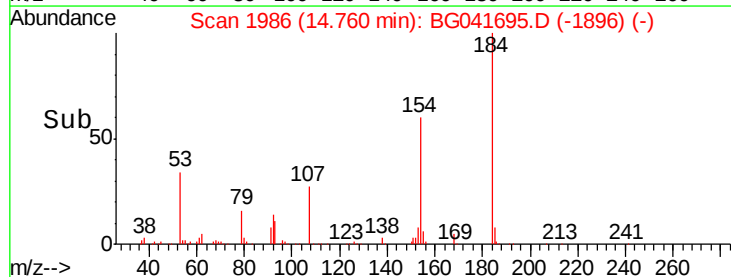
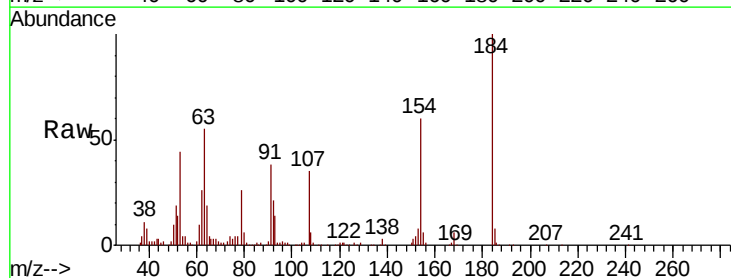
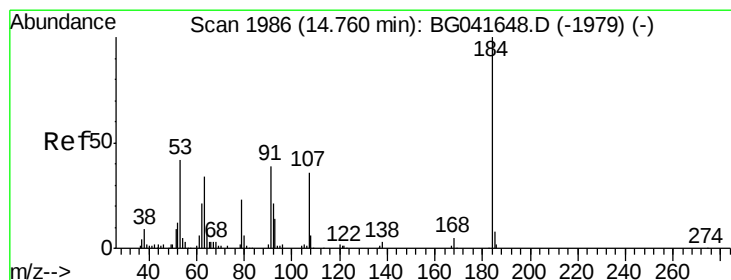
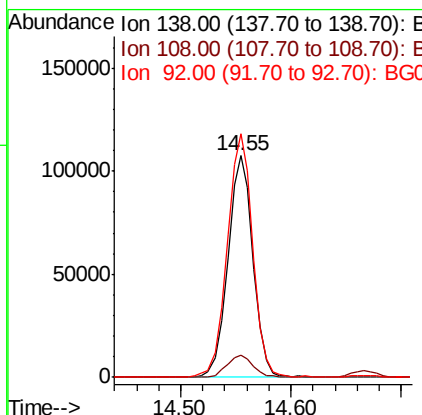
#53
3-Nitroaniline
Concen: 36.856 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.3	15.5#
92	109.9	93.0	139.4

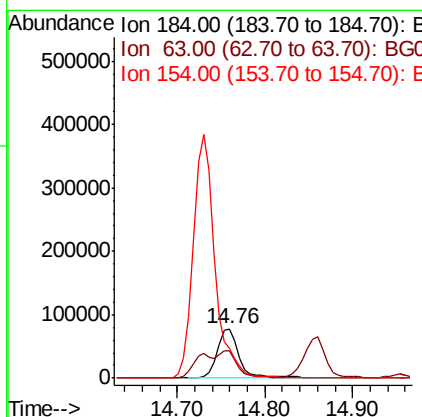
Manual Integrations
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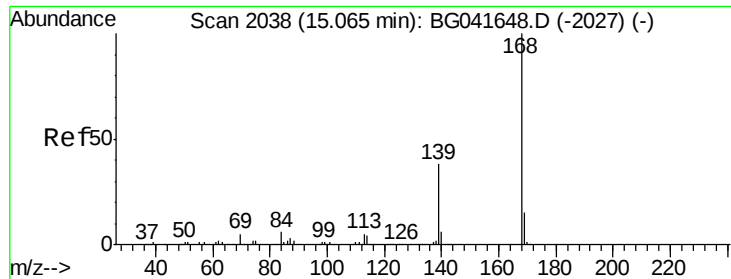
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#54
2,4-Dinitrophenol
Concen: 65.748 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	43.2	64.8
154	59.6	51.4	77.2





#55

Dibenzofuran

Concen: 41.807 ng

RT: 15.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

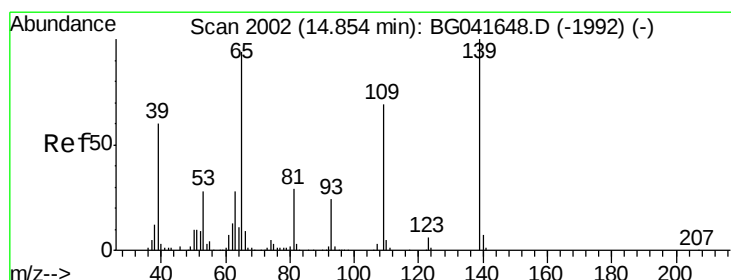
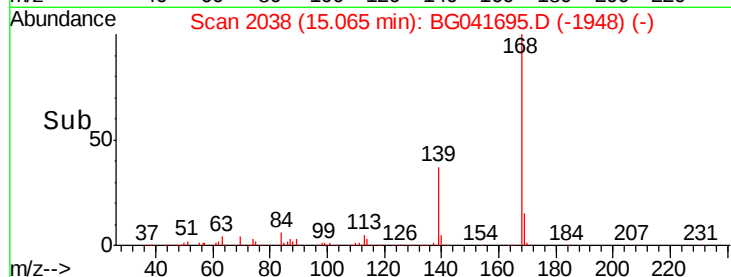
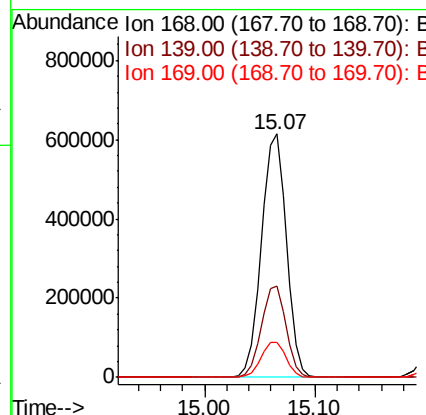
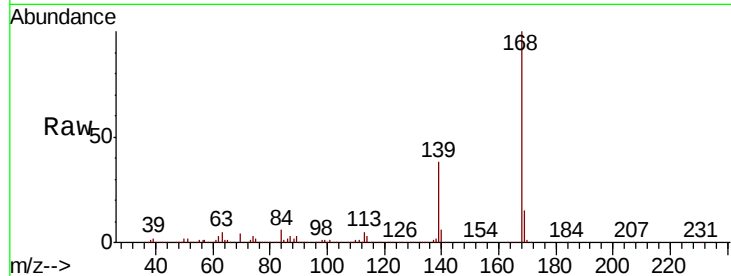
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	168	Resp:	976709
Ion Ratio	Lower	Upper	
168	100		
139	37.5	31.9	47.9
169	14.6	12.5	18.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 101.592 ng

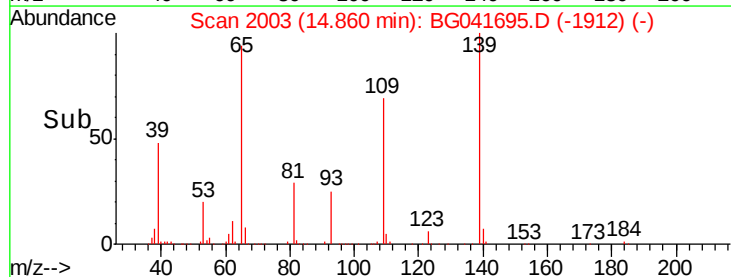
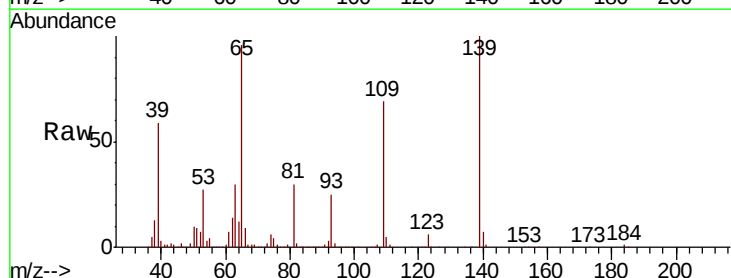
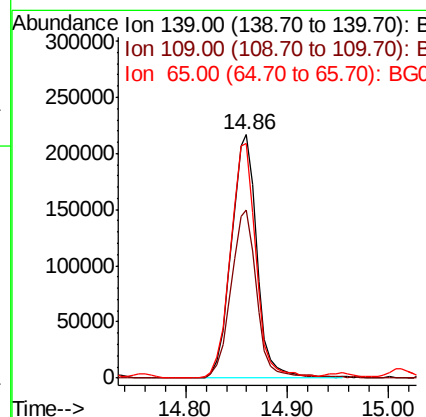
RT: 14.86 min Scan# 2003

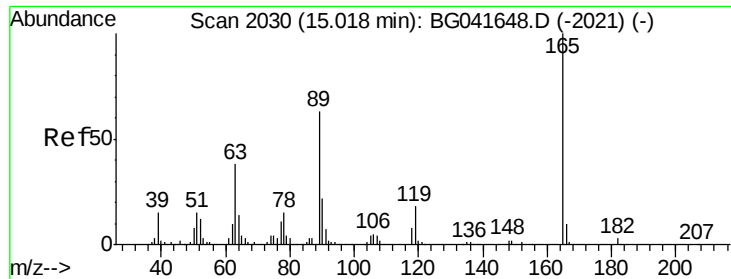
Delta R.T. 0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	139	Resp:	379112
Ion Ratio	Lower	Upper	
139	100		
109	69.3	51.3	91.3
65	96.1	77.6	117.6





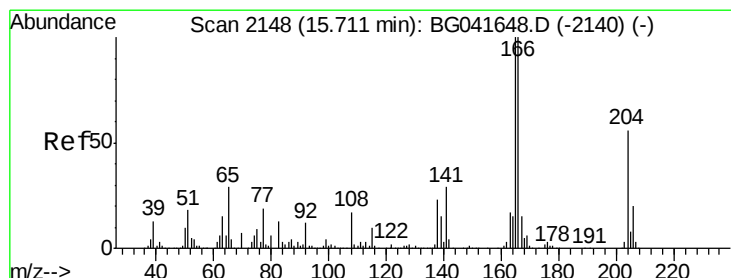
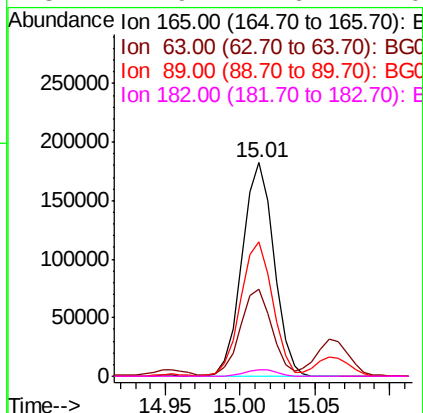
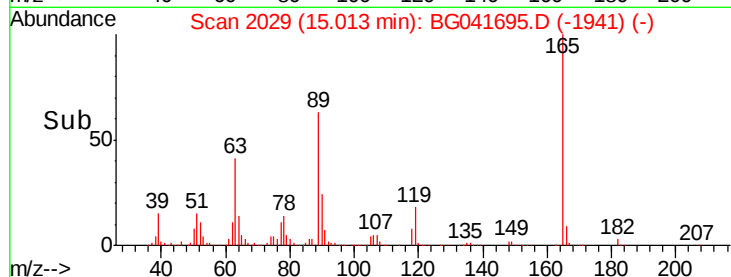
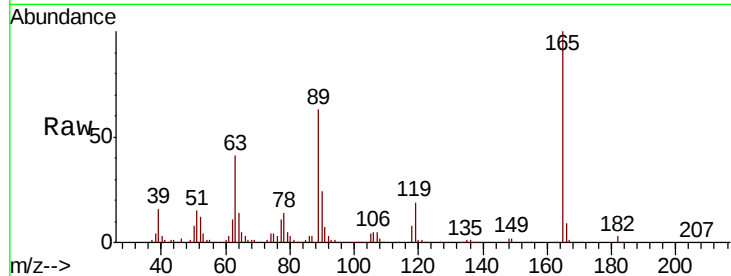
#57
2,4-Dinitrotoluene
Concen: 48.330 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	31.7	47.5
89	62.9	50.2	75.4
182	2.9	2.6	4.0

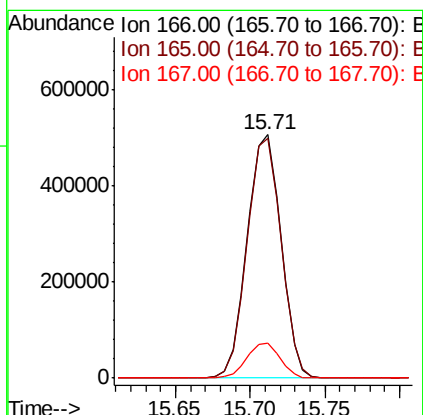
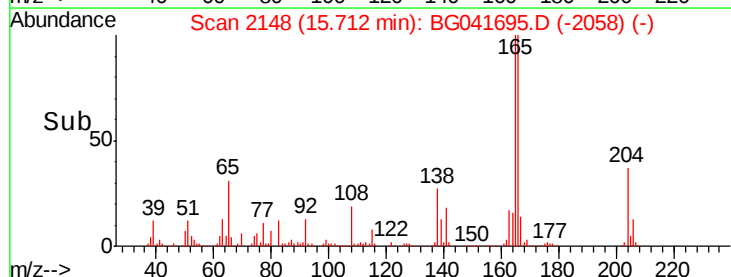
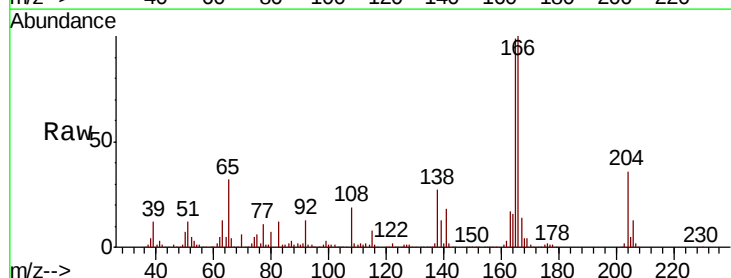
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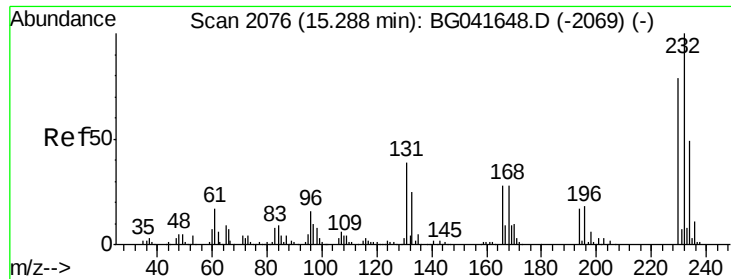
mohammad
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#58
Fluorene
Concen: 41.752 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.5	120.7
167	14.2	12.4	18.6





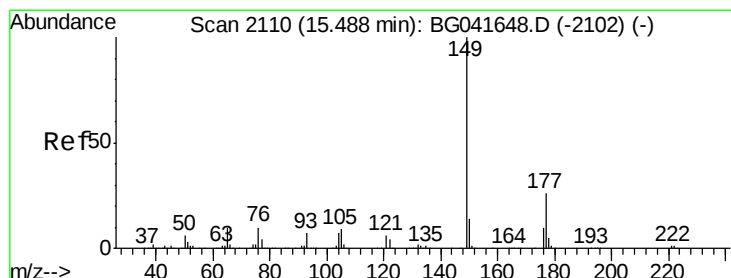
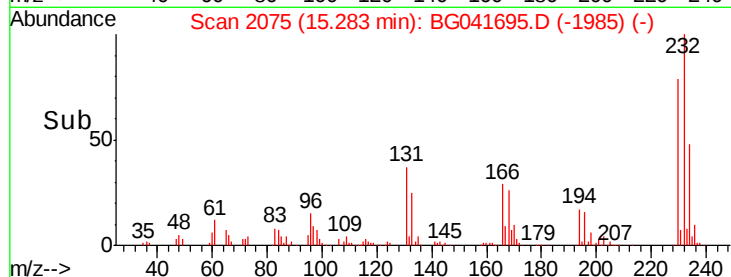
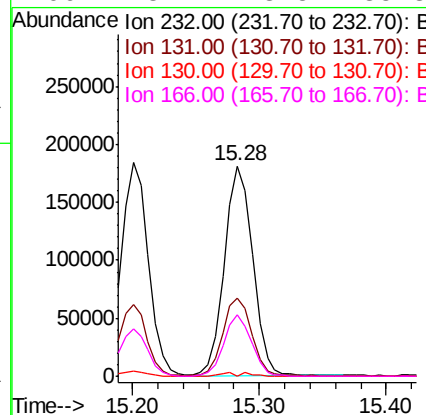
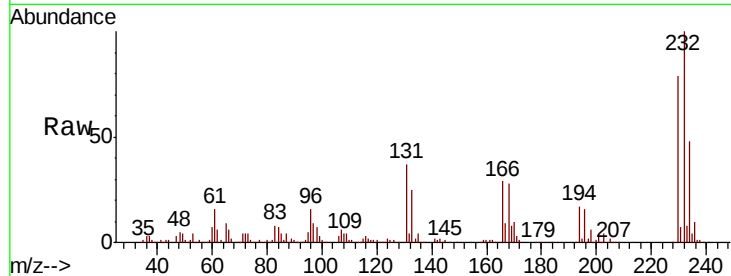
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.090 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	280332		
131	37.9		31.8	47.6
130	1.0		1.8	2.8
166	28.1		23.5	35.3

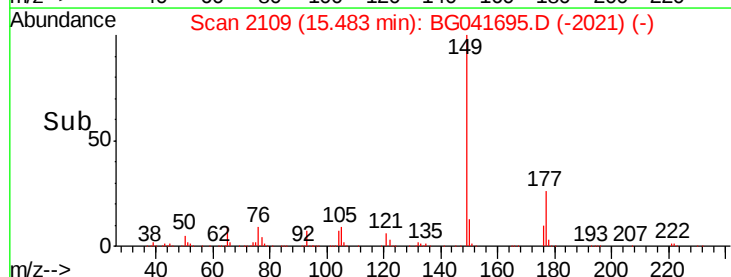
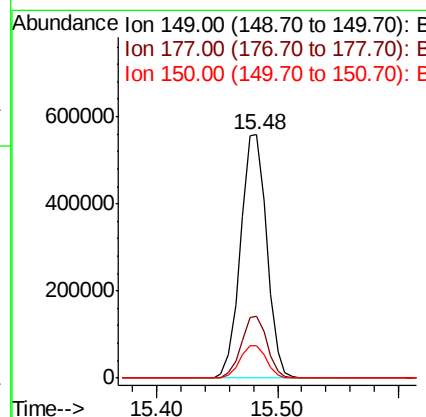
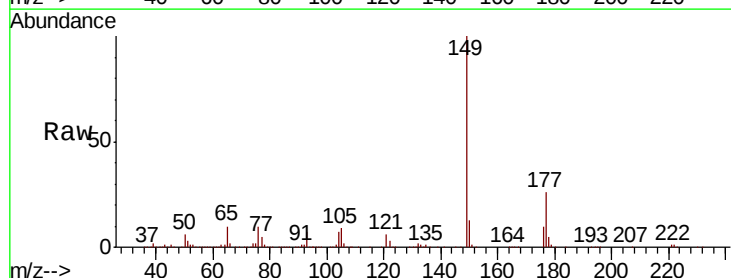
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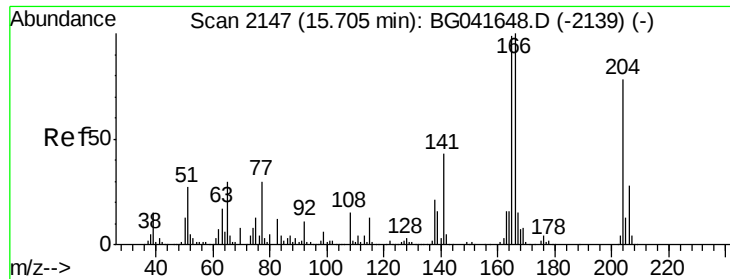
mohammad
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#60
 Diethylphthalate
 Concen: 42.104 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	844357		
177	25.6		20.7	31.1
150	13.5		11.5	17.3





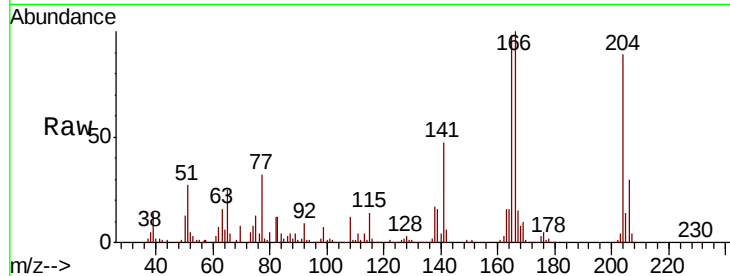
#61
4-Chlorophenyl-phenylether
Concen: 41.455 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	445453		
206	33.8	28.6	42.8	
141	52.6	42.9	64.3	

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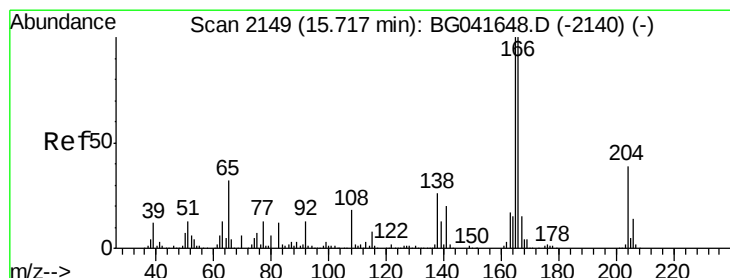
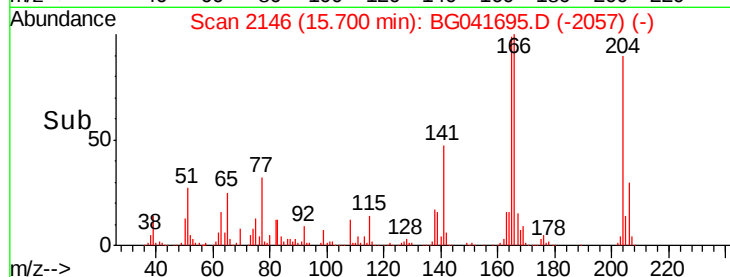
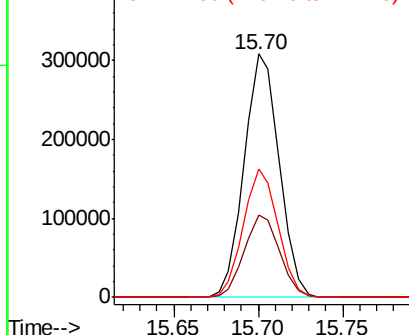


Abundance

Ion 204.00 (203.70 to 204.70): E

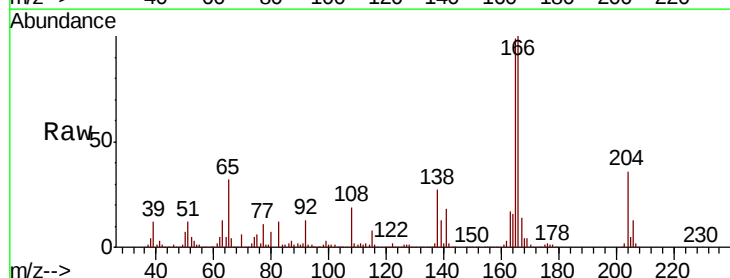
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.964 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	224692		
92	48.2	29.8	69.8	
108	69.5	52.2	92.2	

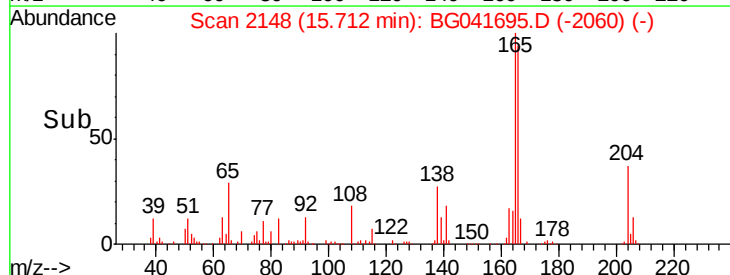
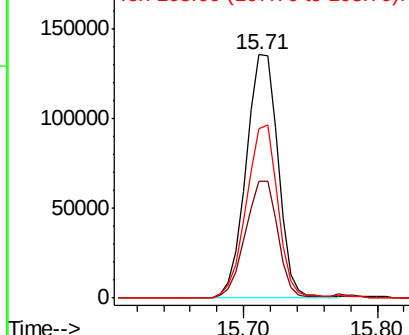


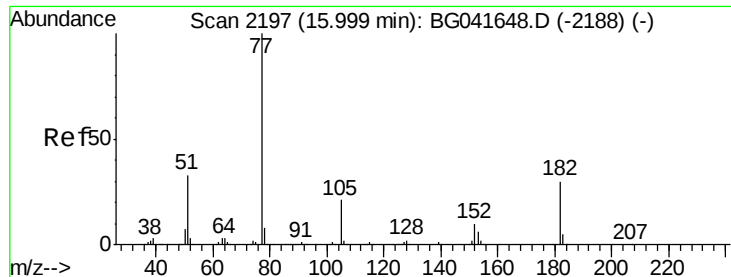
Abundance

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





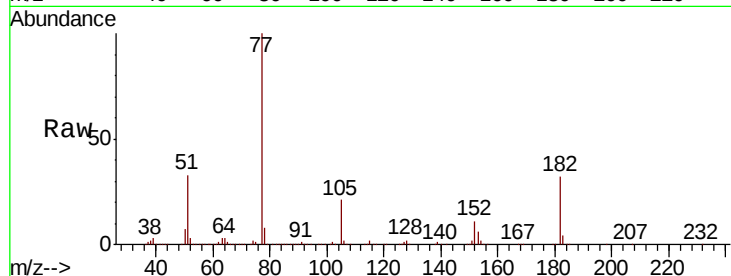
#63
Azobenzene
Concen: 41.075 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

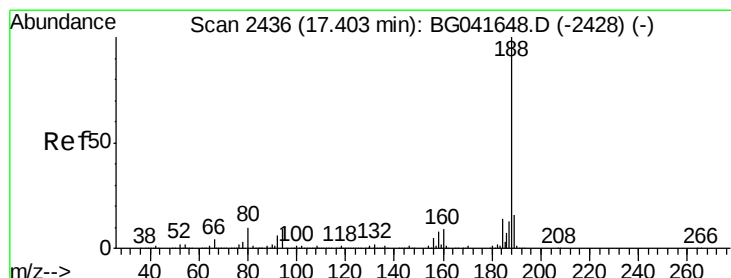
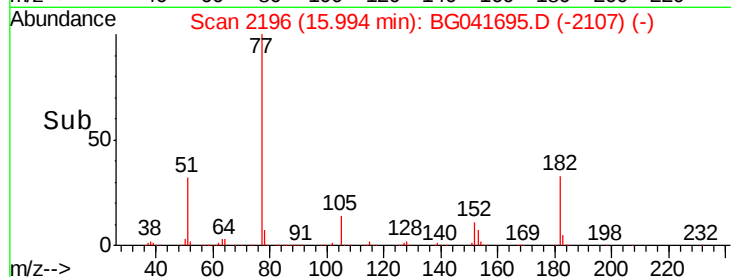
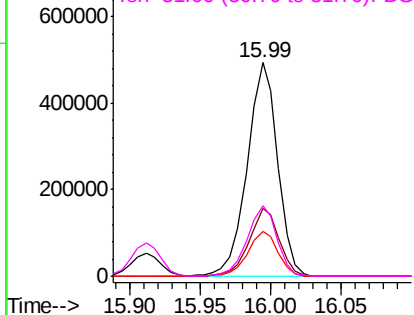
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.8	13.2	53.2	
105	20.9	2.2	42.2	
51	33.2	14.6	54.6	

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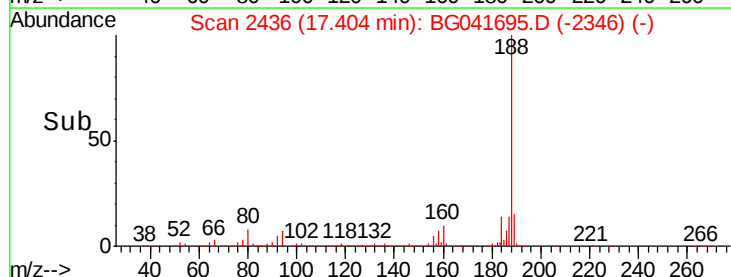
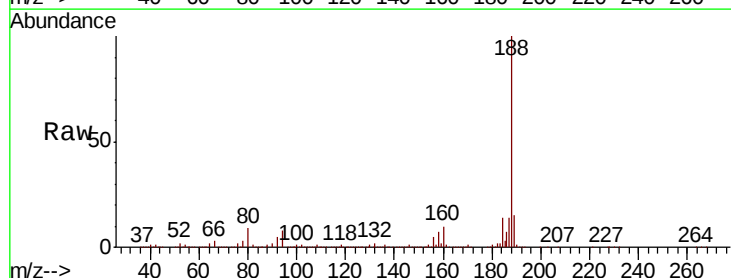
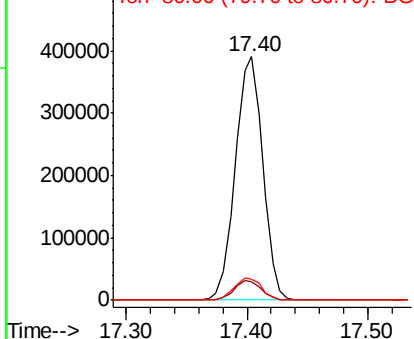
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

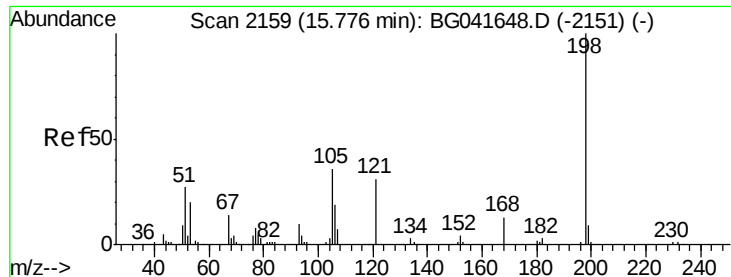


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	6.9	10.3	
80	8.5	8.0	12.0	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.739 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

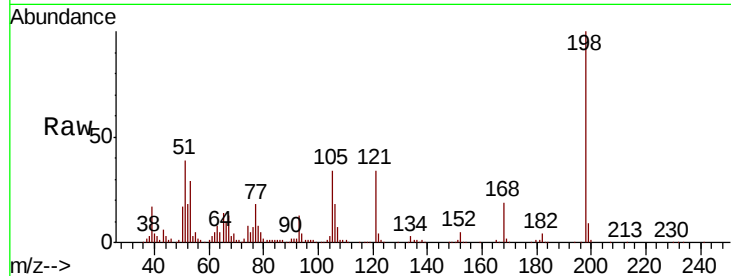
ClientSampled :

SB-4(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	143537		
51	38.9	22.3	62.3	
105	34.2	18.0	58.0	

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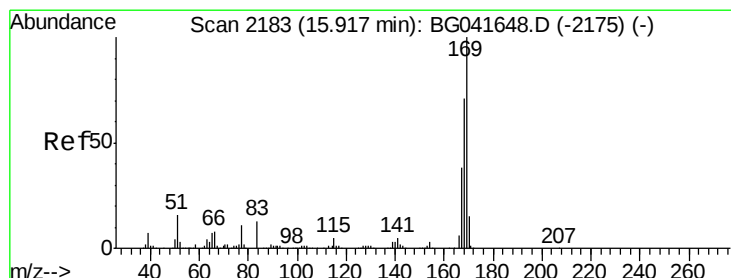
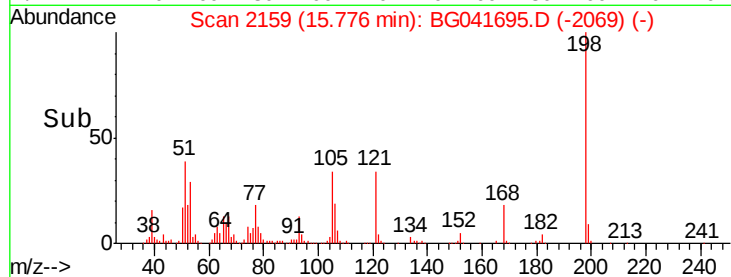
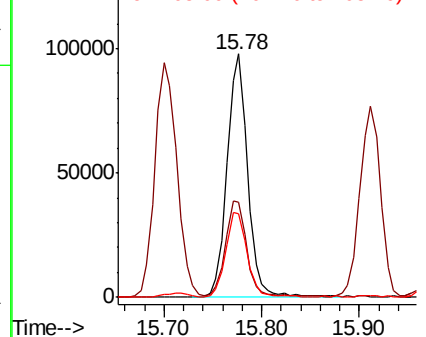
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.993 ng

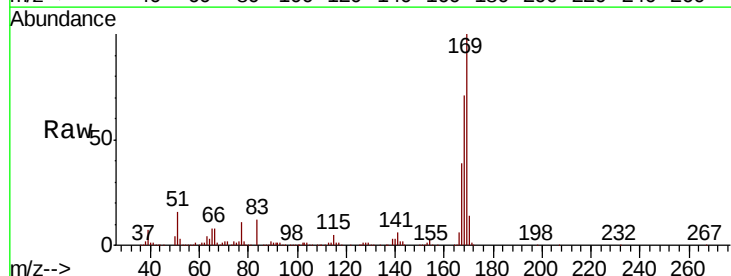
RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

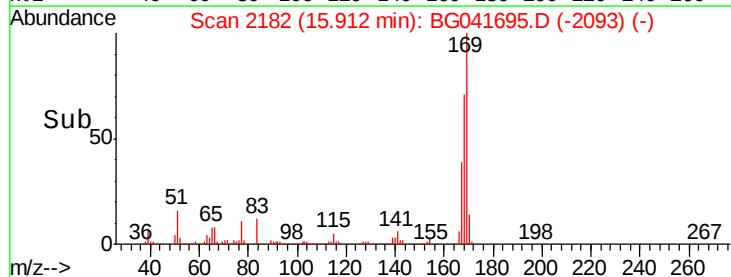
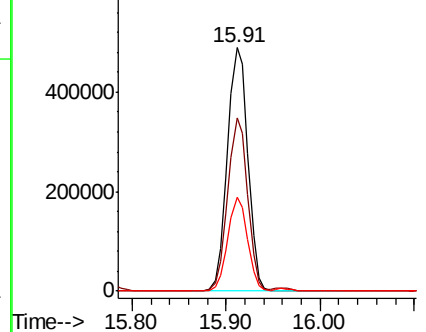
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	745006		
168	71.4	56.9	85.3	
167	38.8	31.5	47.3	

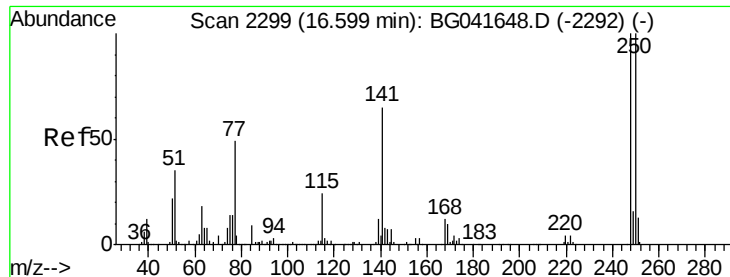


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





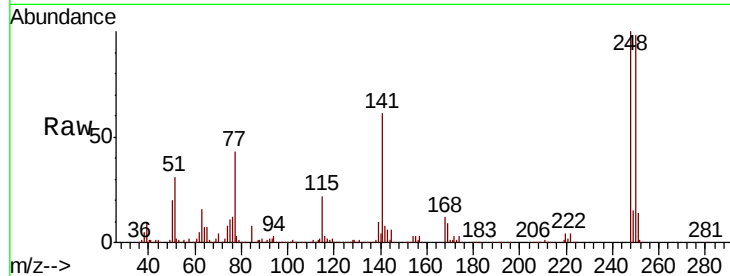
#67
4-Bromophenyl-phenylether
Concen: 41.268 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	61.2	49.6	74.4

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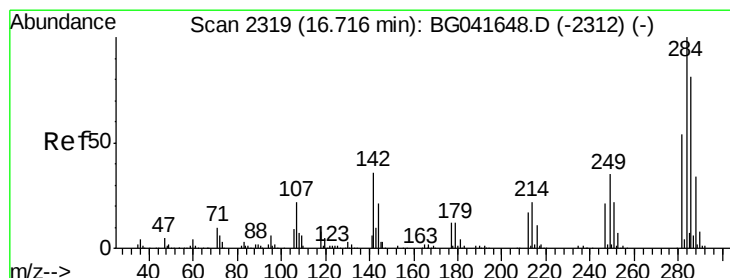
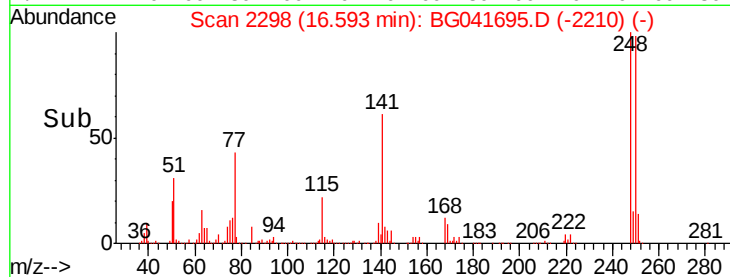
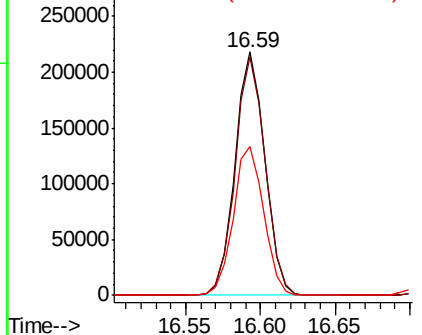


Abundance

Ion 248.00 (247.70 to 248.70): E

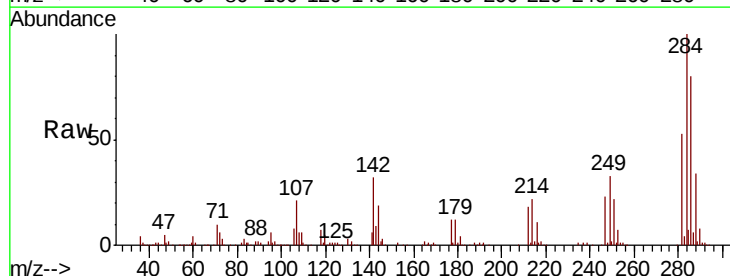
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.368 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.0	40.6
249	32.8	28.4	42.6

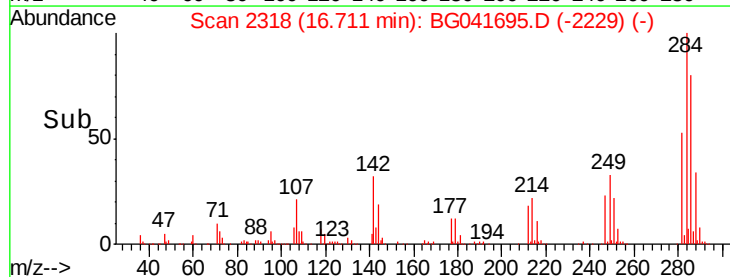
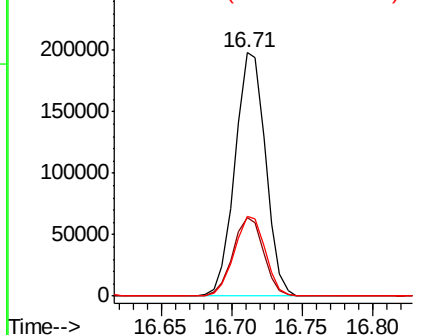


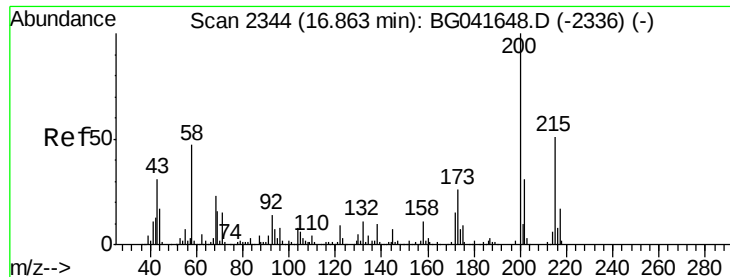
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





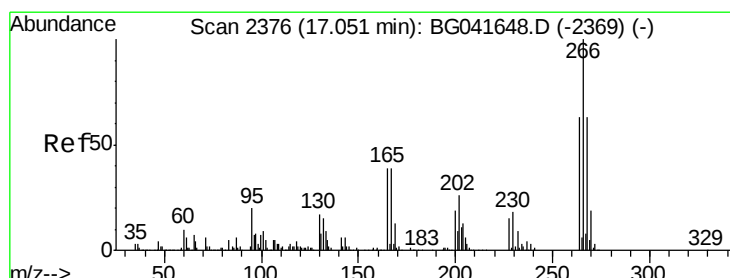
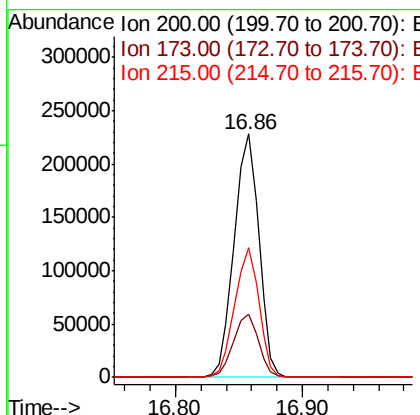
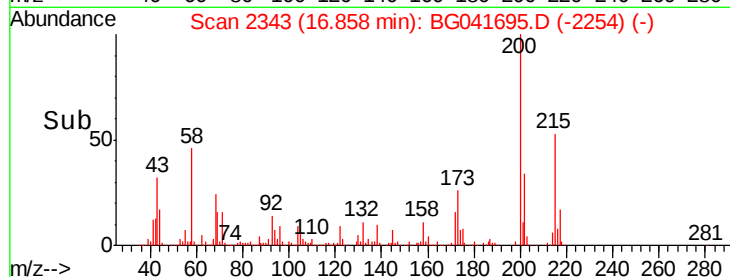
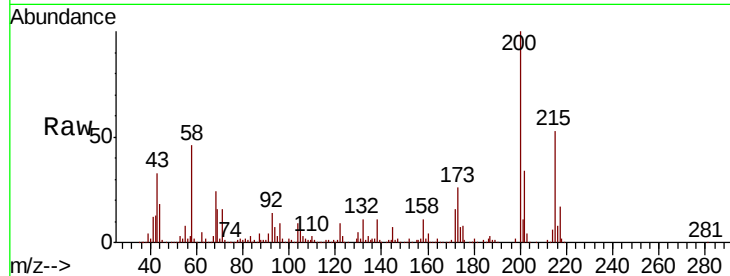
#69
Atrazine
Concen: 46.688 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.3	45.3
215	53.1	31.8	71.8

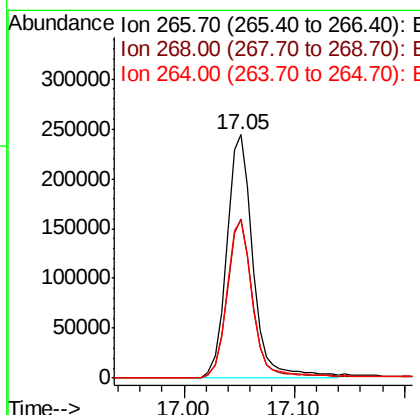
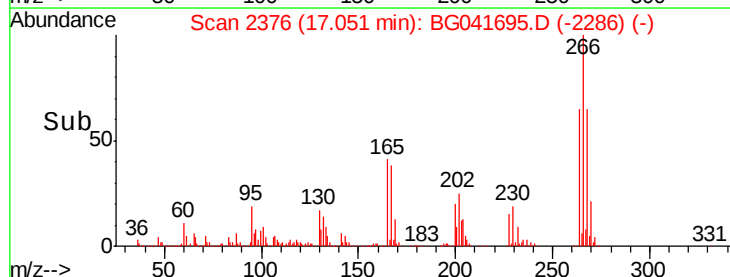
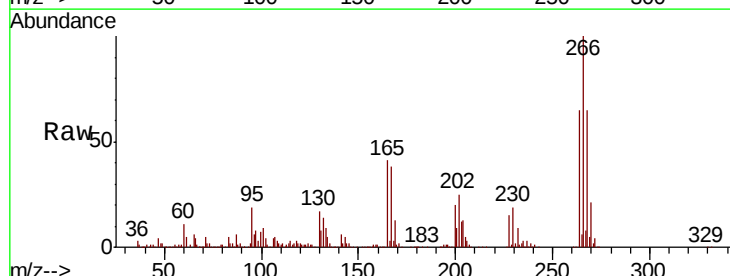
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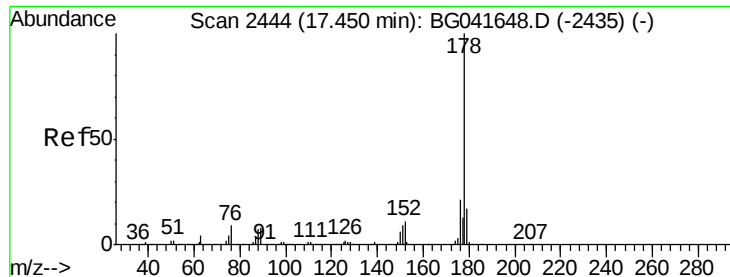
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#70
Pentachlorophenol
Concen: 87.793 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.9	79.3
264	64.9	51.4	77.2





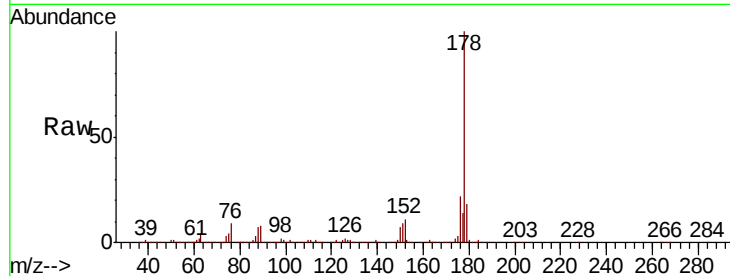
#71
Phenanthrene
Concen: 41.584 ng
RT: 17.45 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.6	28.0
179	17.7	15.4	23.0

Manual Integrations
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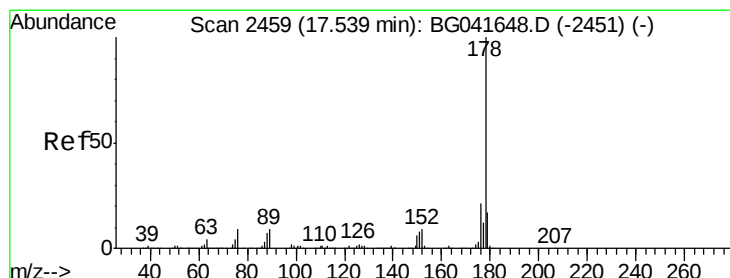
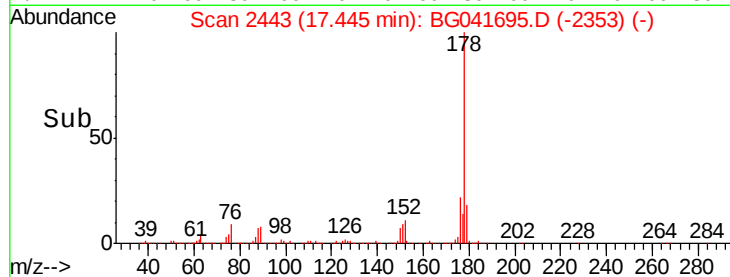
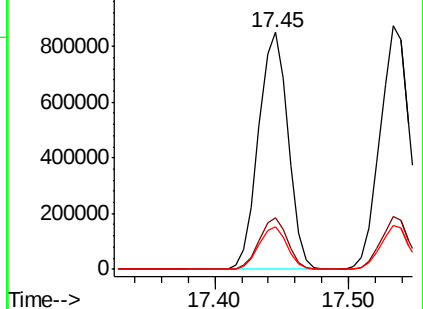


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 42.965 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

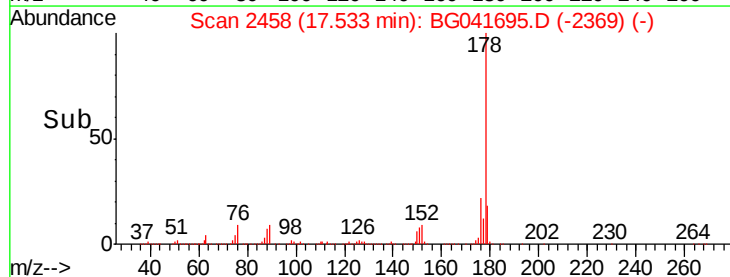
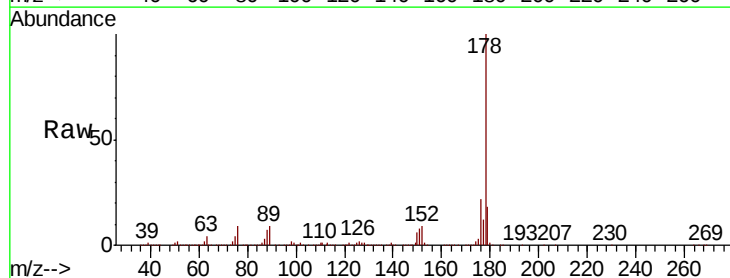
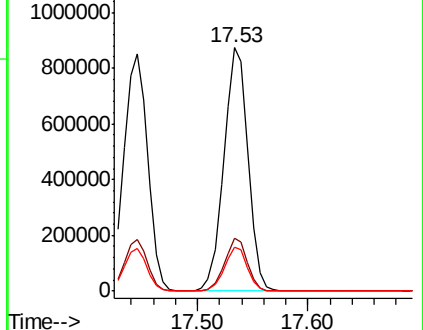
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	18.6	28.0
179	18.1	15.1	22.7

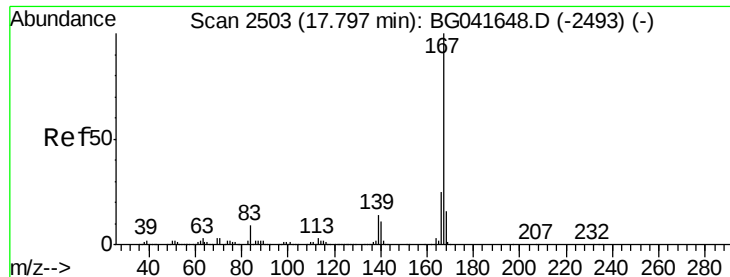
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.605 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

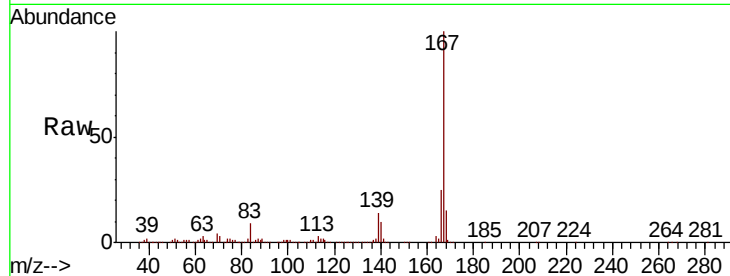
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	167	Resp:	1256331
Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.4	32.2
139	13.8	12.1	18.1

Manual Integrations
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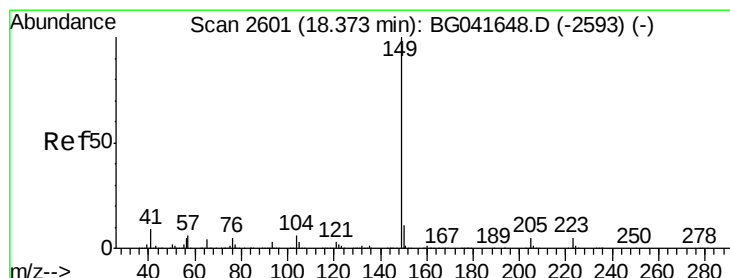
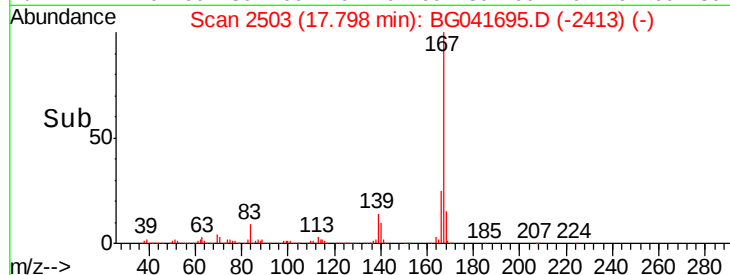
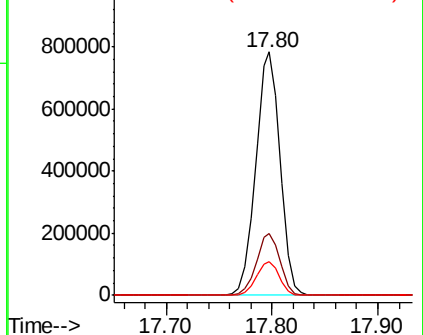


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.273 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

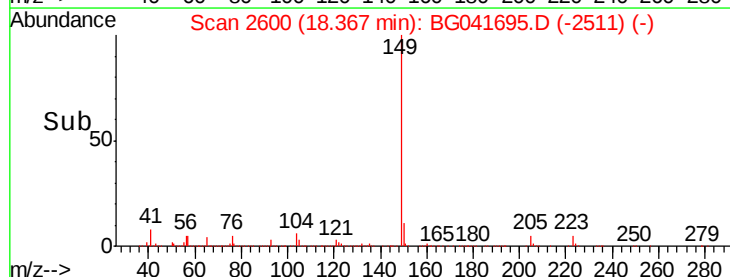
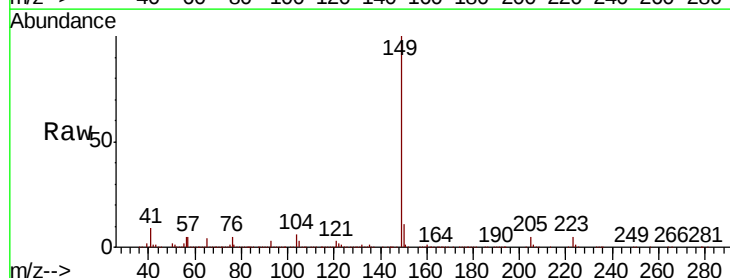
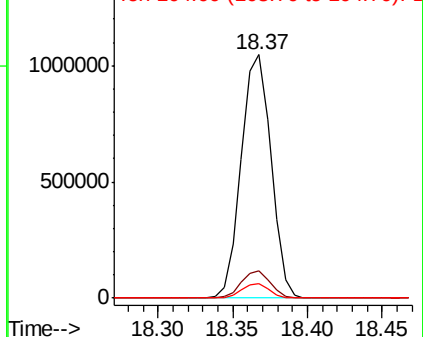
Tgt Ion:	149	Resp:	1450367
Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.8	5.3	7.9

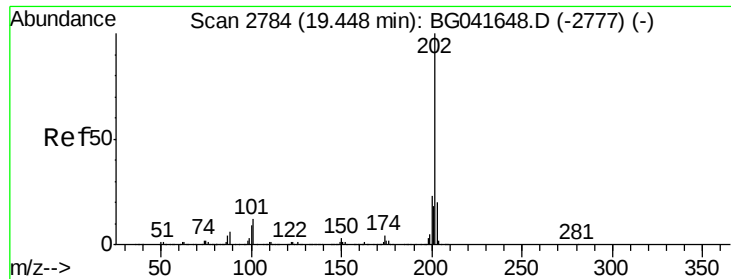
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.294 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

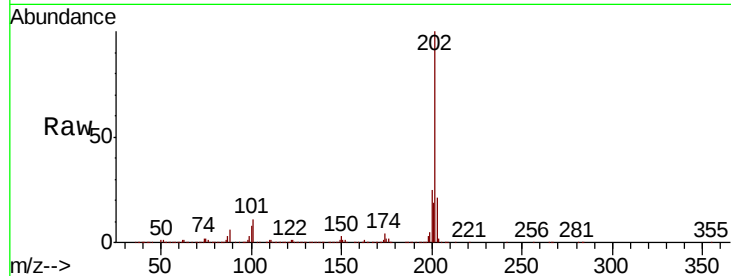
ClientSampleId :

SB-4(0-2)MSD

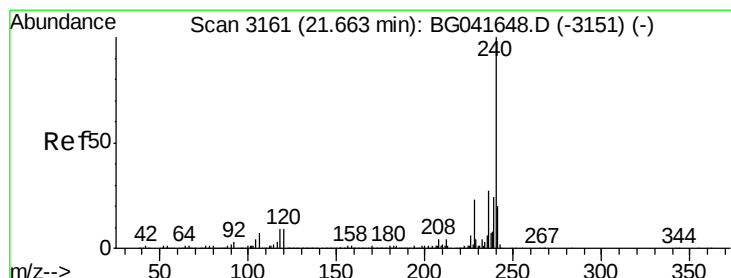
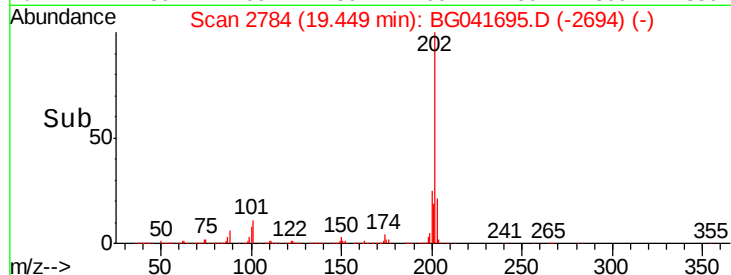
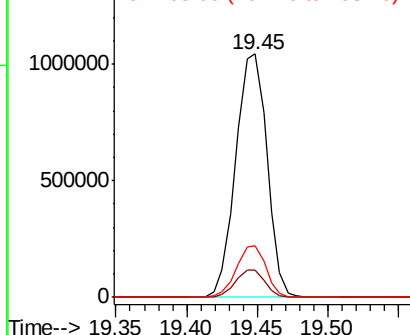
Tot Ion:	202	Resp:	1618551
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.8
203	21.2	3.7	43.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

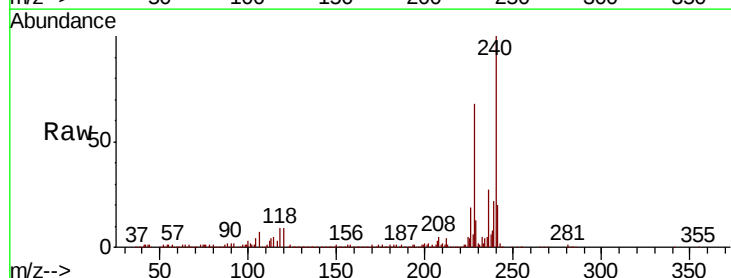
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

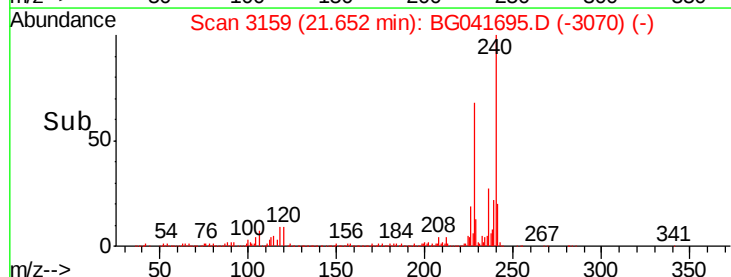
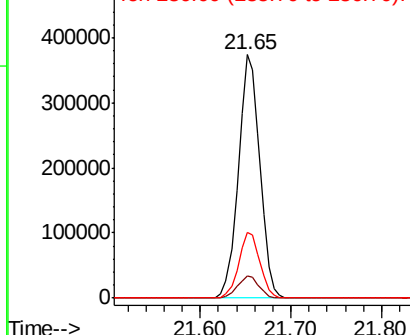
Lab File: BG041695.D

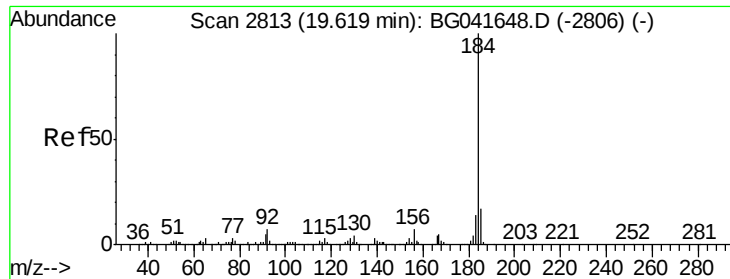
Acq: 17 Jul 2019 19:43

Tgt Ion:	240	Resp:	613206
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.0	12.0
236	26.7	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.282 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

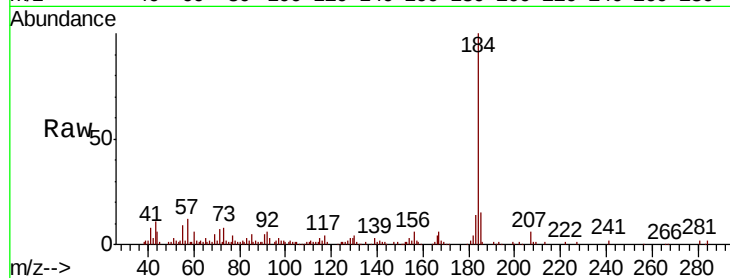
ClientSampleId :

SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.4
183	14.1	11.8	17.6

Manual Integrations
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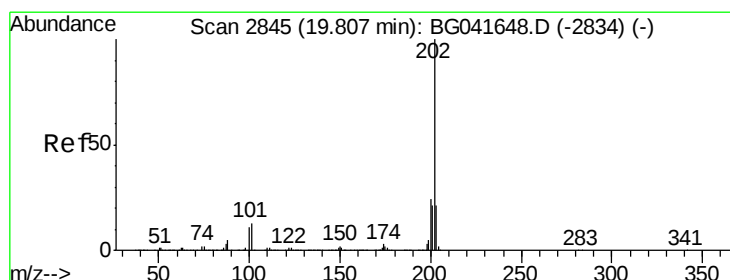
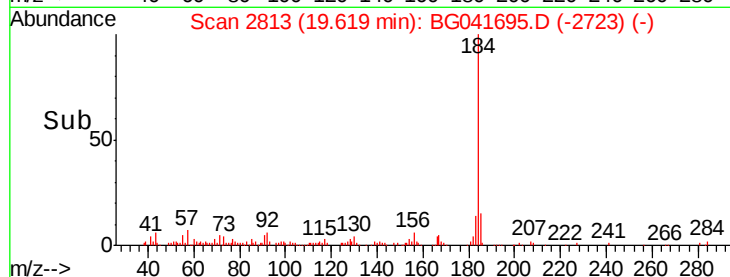
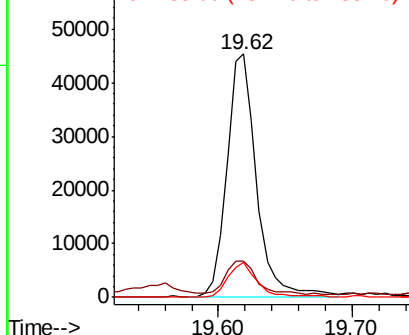


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.407 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

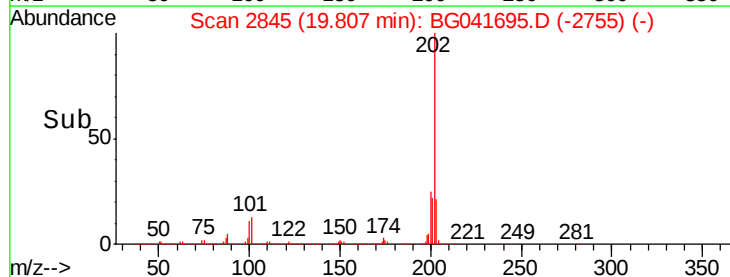
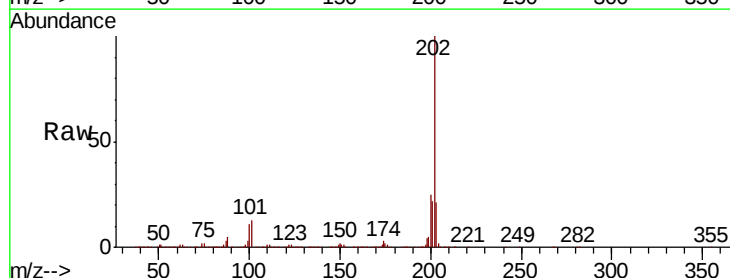
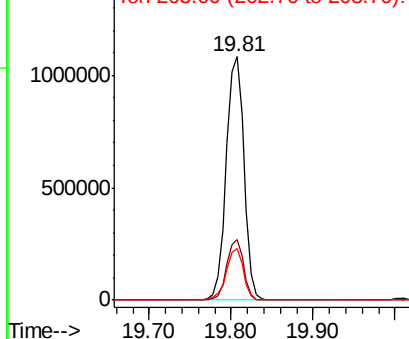
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.9	22.2	33.2
203	21.1	18.9	28.3

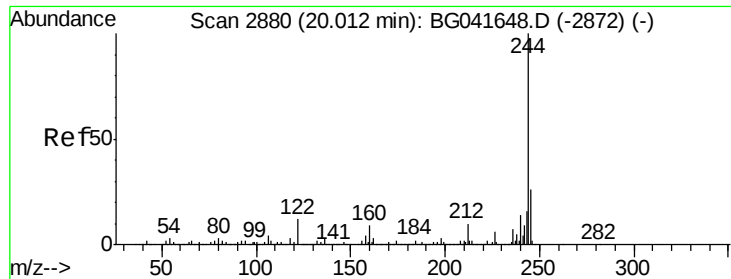
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





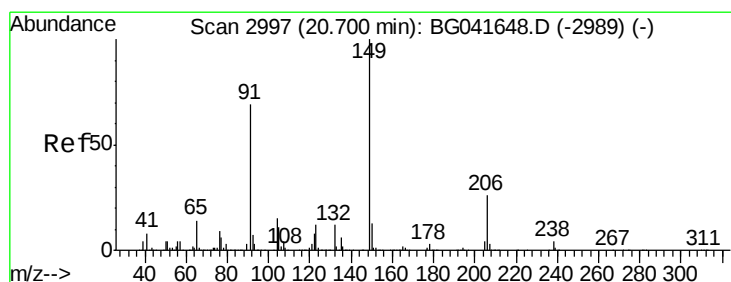
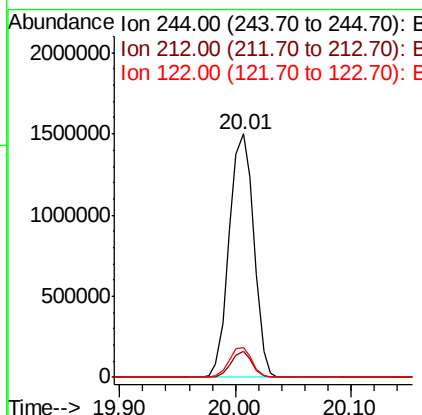
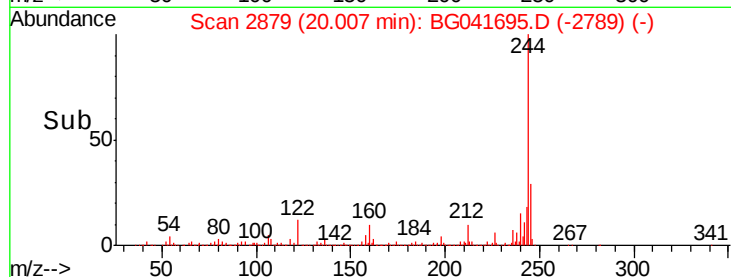
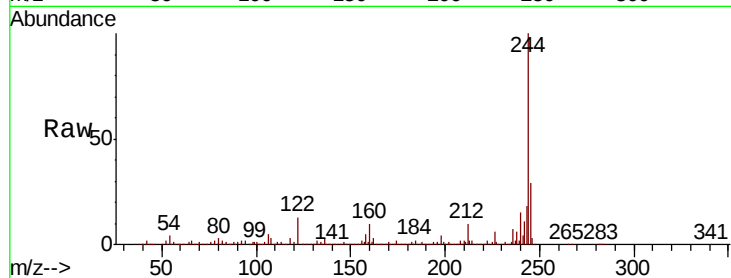
#79
 Terphenyl-d14
 Concen: 84.455 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.7	14.5
122	12.5	12.5	18.7

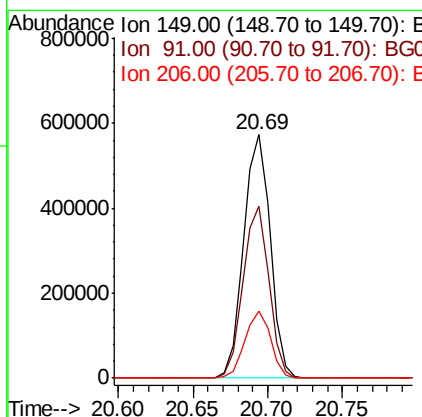
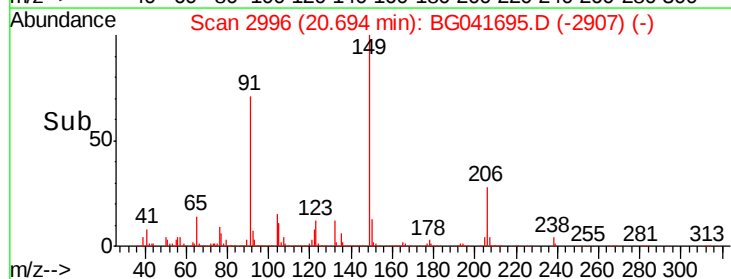
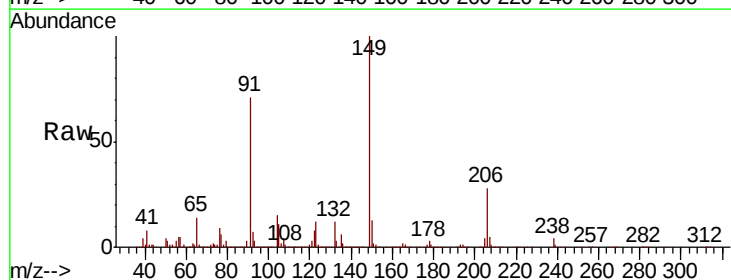
Manual Integrations
 APPROVED

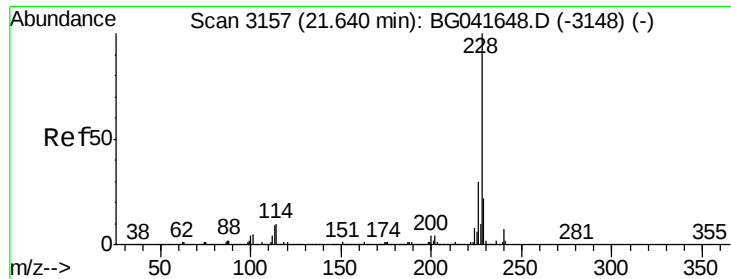
mohammad
 7/19/2019 2:24:53 PM



#80
 Butylbenzylphthalate
 Concen: 40.876 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	58.9	88.3
206	27.7	20.8	31.2





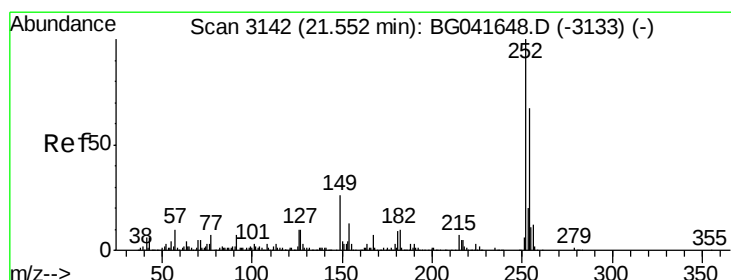
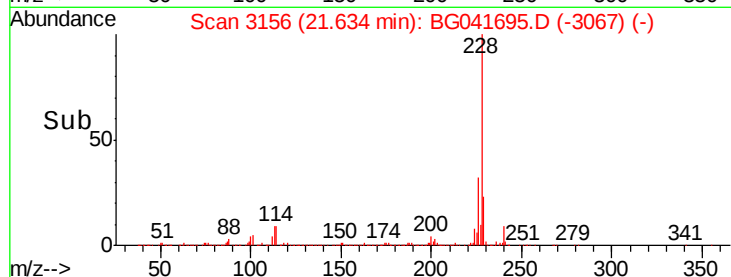
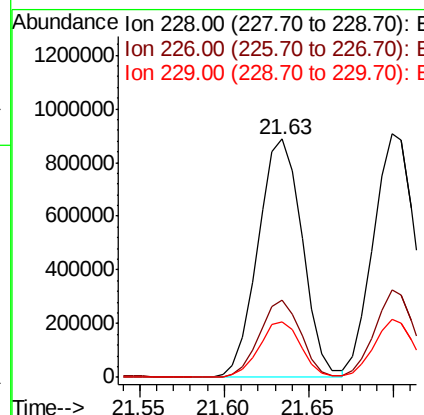
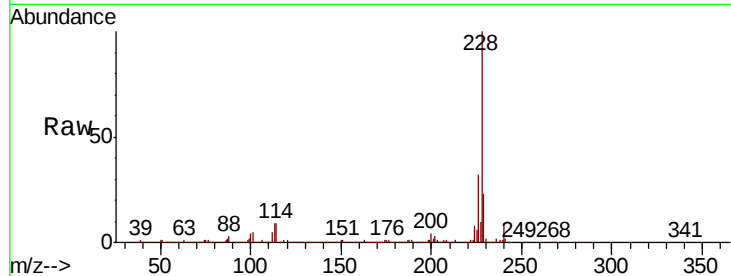
#81
Benzo(a)anthracene
Concen: 40.902 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	27.3	40.9
229	23.4	19.7	29.5

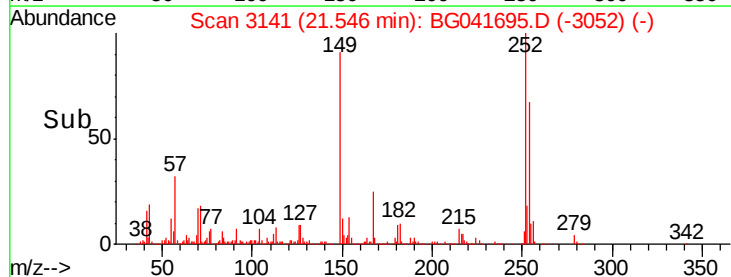
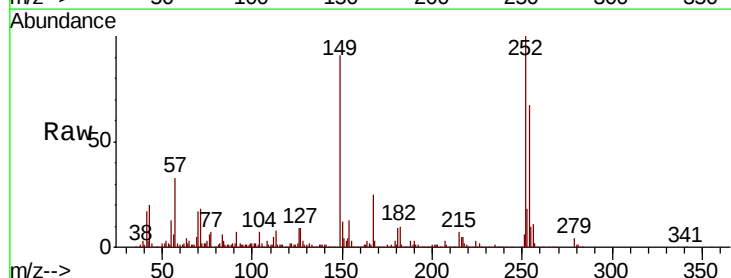
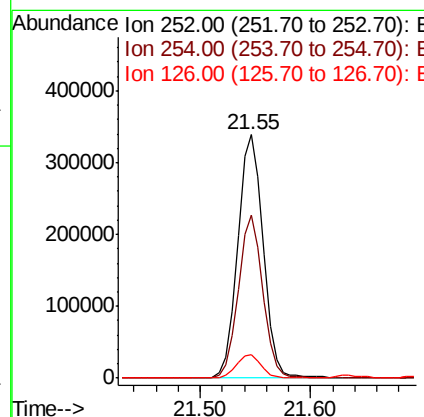
Manual Integrations
APPROVED

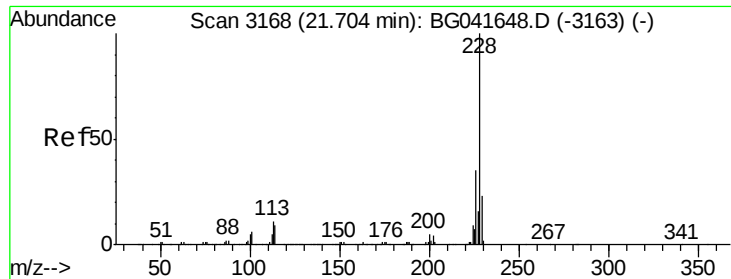
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.084 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	53.8	80.6
126	9.4	7.8	11.8





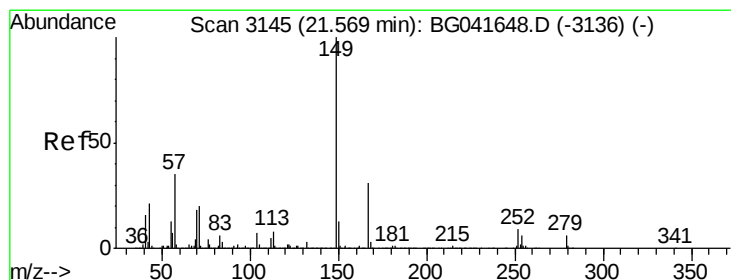
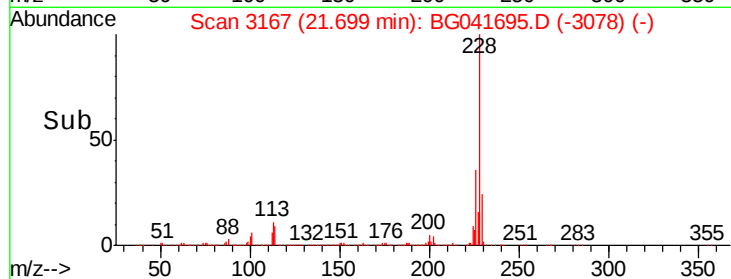
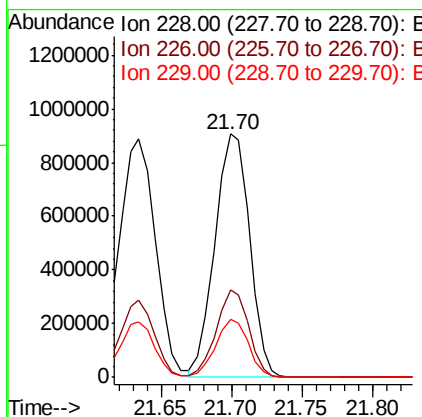
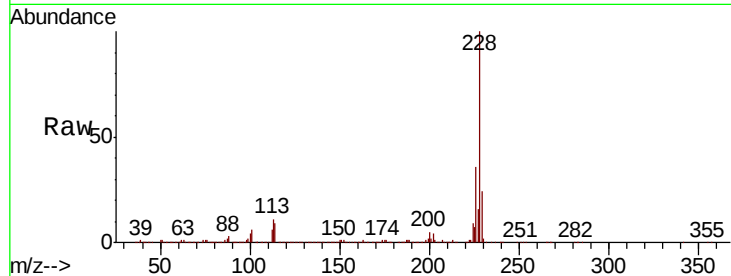
#83
Chrysene
Concen: 40.903 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.8	30.1	45.1
229	23.8	19.8	29.6

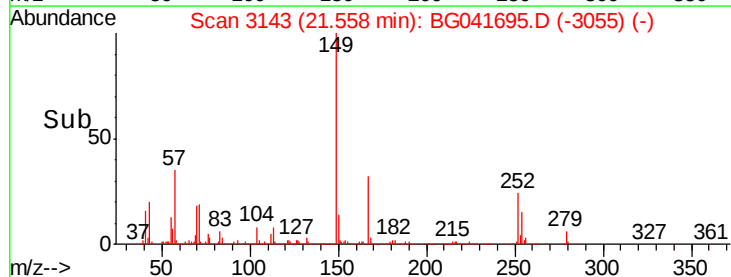
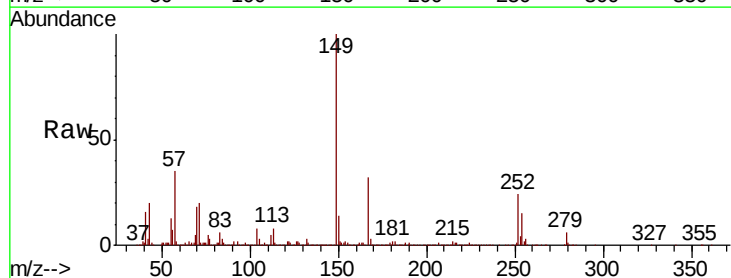
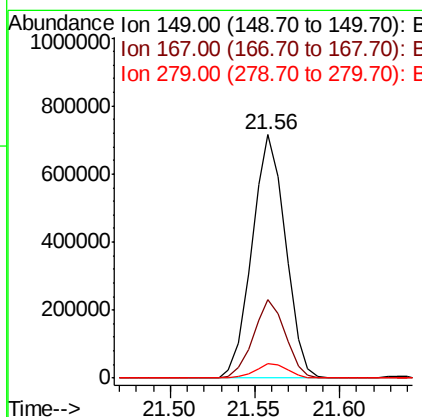
Manual Integrations
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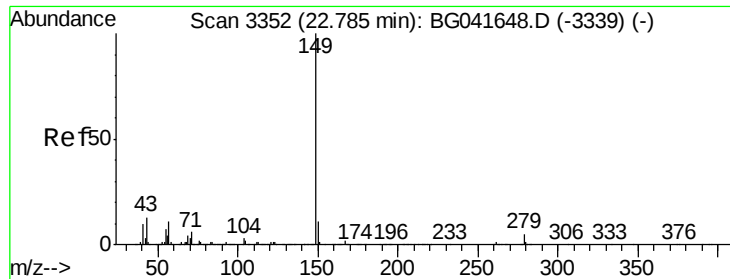
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.474 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	27.0	40.4
279	5.9	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 41.877 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

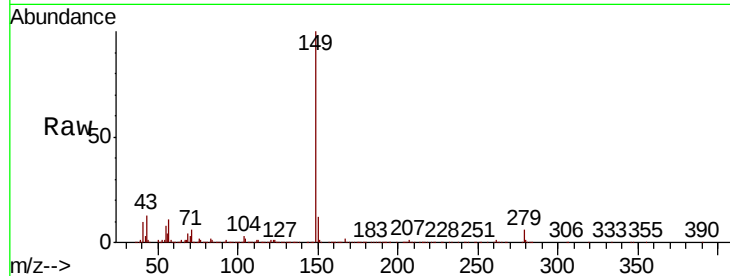
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	149	Resp:	1735318
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	11.9	10.6	16.0

Manual Integrations
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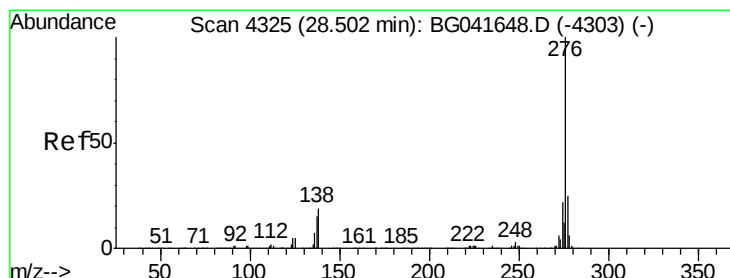
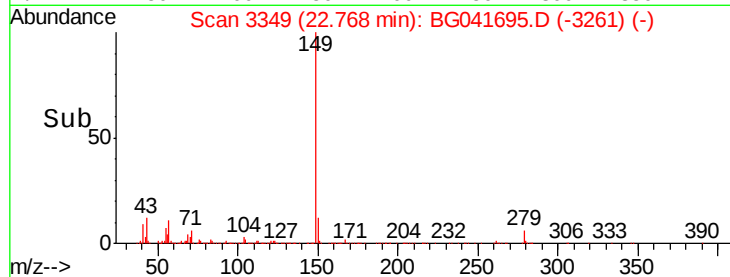
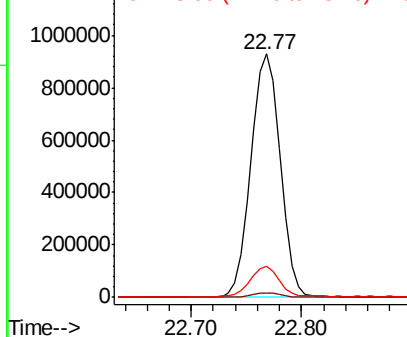


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.344 ng

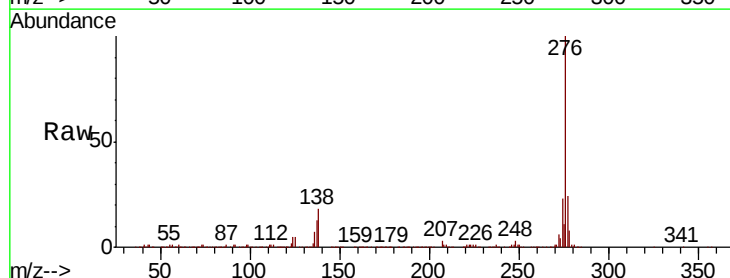
RT: 28.49 min Scan# 4323

Delta R.T. -0.03 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	276	Resp:	2065260
Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.4	29.0
277	26.4	21.2	31.8

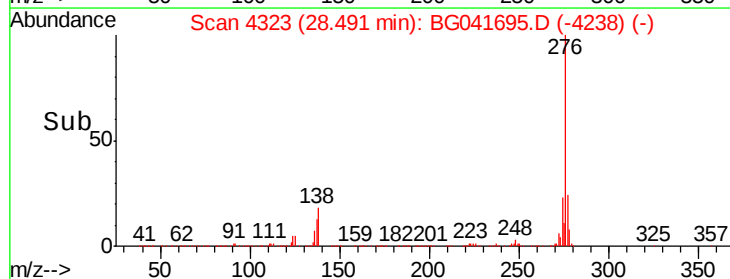
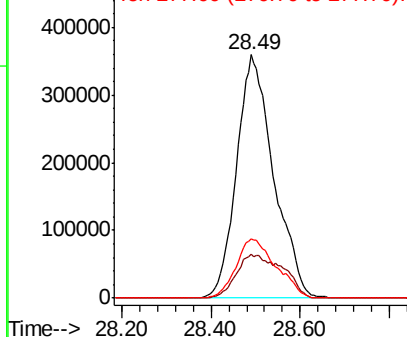


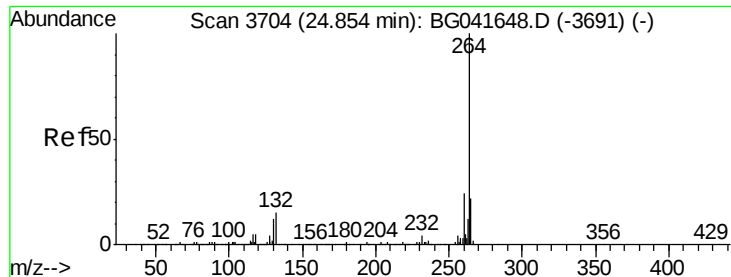
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

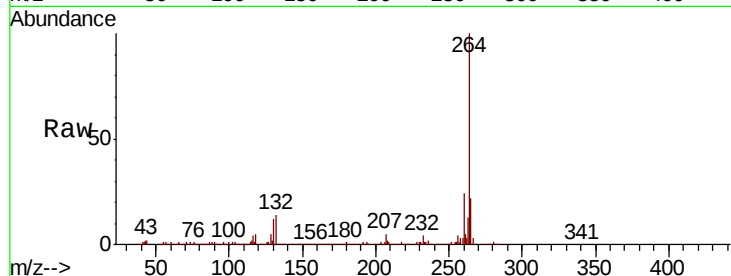
ClientSampleId :

SB-4(0-2)MSD

Tot Ion:	264	Resp:	727260
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	22.5	18.0	27.0

Manual Integrations
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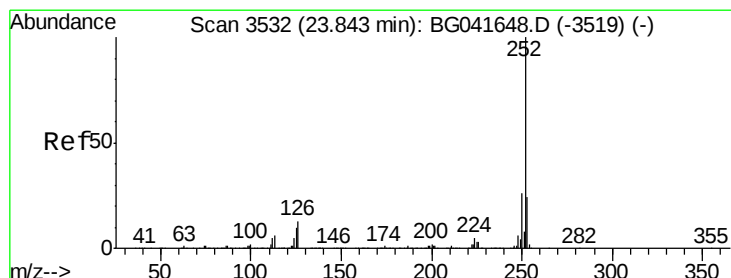
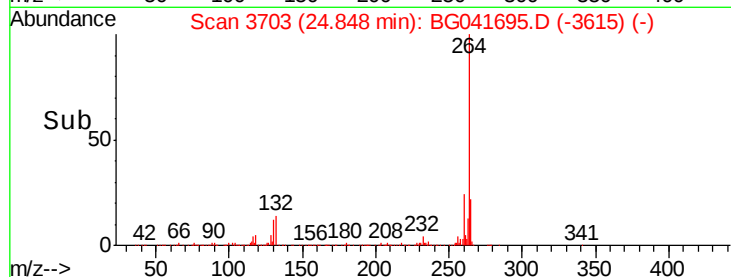
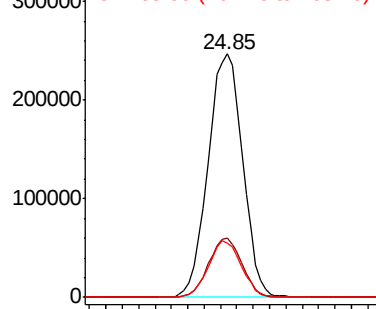


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.155 ng

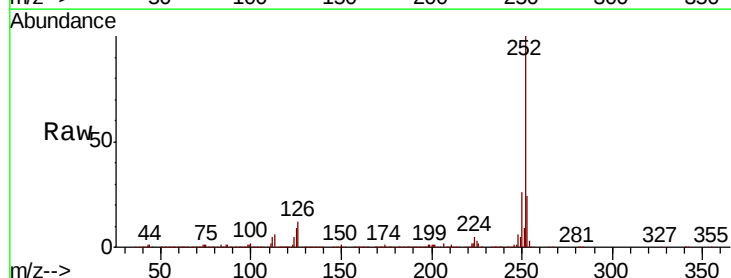
RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion:	252	Resp:	1815499
Ion Ratio	Lower	Upper	
252	100		
253	24.4	20.6	30.8
125	9.4	8.0	12.0

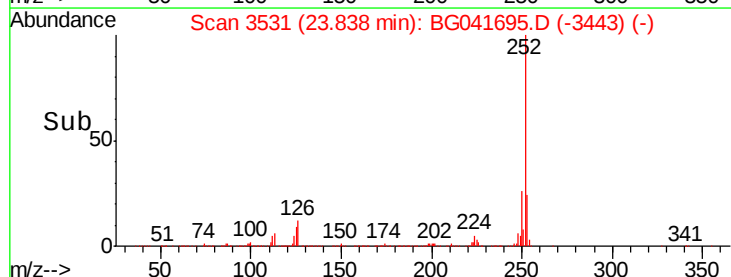
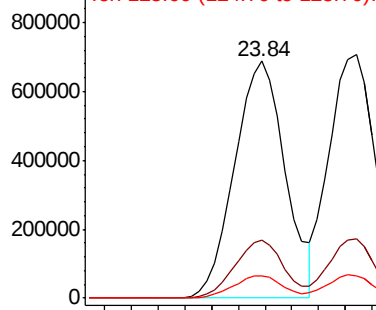


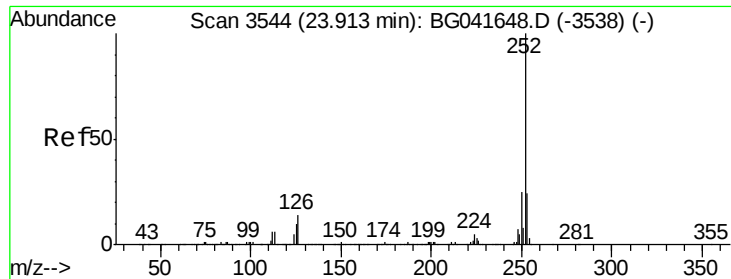
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





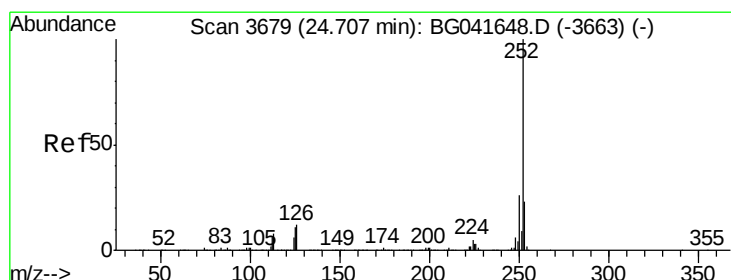
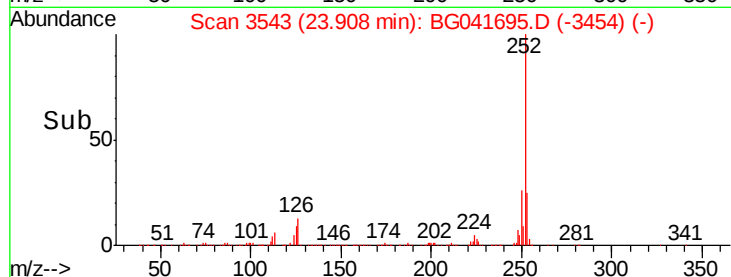
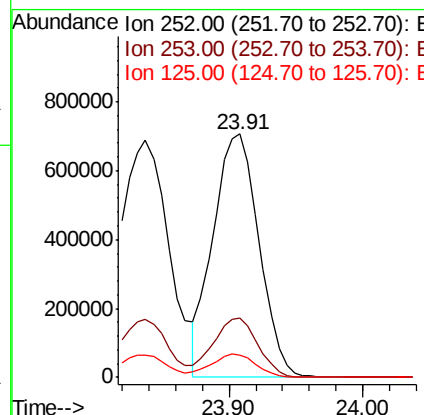
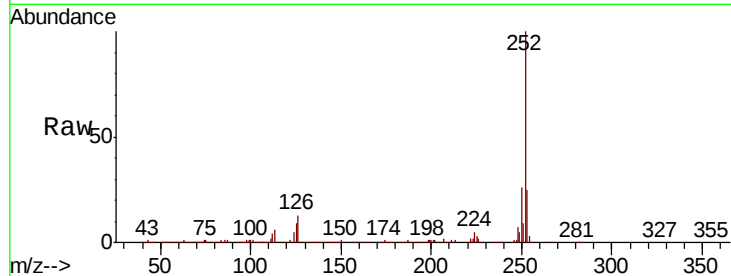
#89
Benzo(k)fluoranthene
Concen: 41.324 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.5	30.7
125	9.1	8.4	12.6

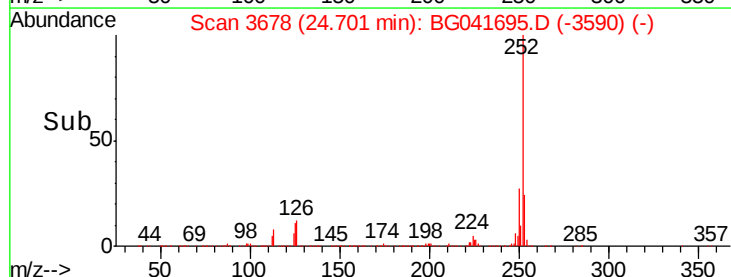
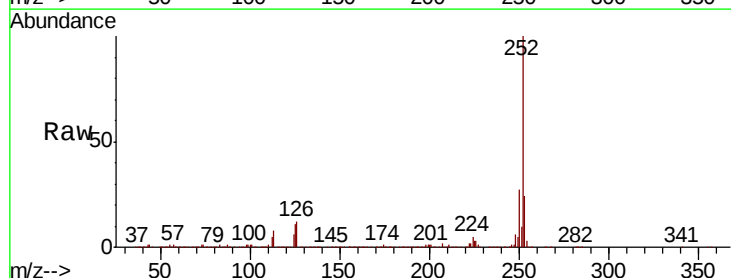
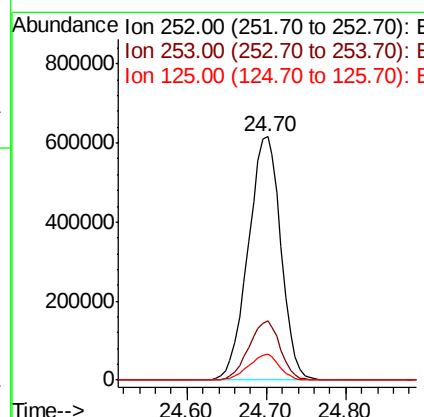
Manual Integrations
APPROVED

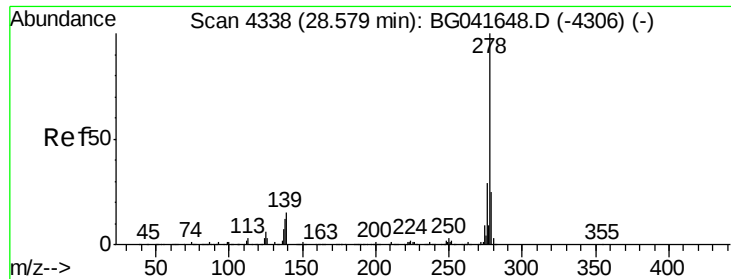
mohammad
7/19/2019 2:24:53 PM



#90
Benzo(a)pyrene
Concen: 42.212 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.8
125	10.9	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.521 ng

RT: 28.56 min Scan# 4334

Delta R.T. -0.04 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion:278 Resp: 1680280

Ion Ratio Lower Upper

278 100

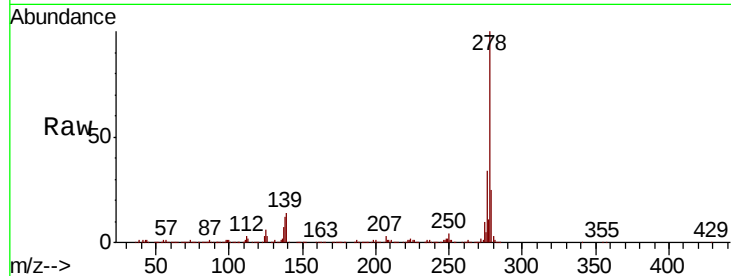
139 14.4 12.6 19.0

279 25.2 20.5 30.7

Manual Integrations
APPROVED

mohammad

7/19/2019 2:24:53 PM

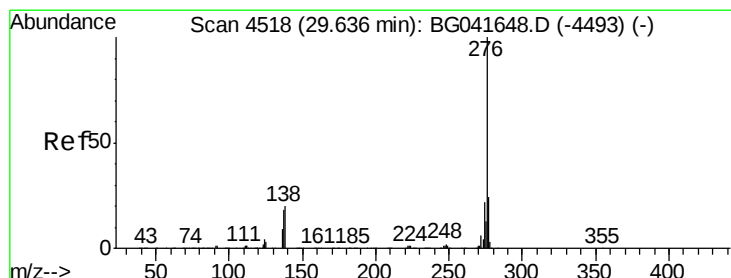
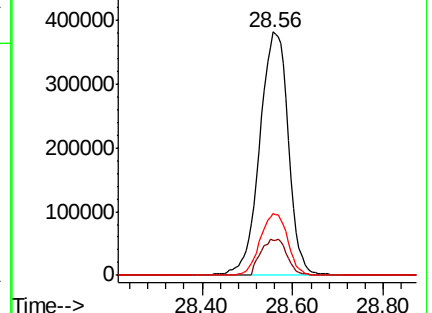
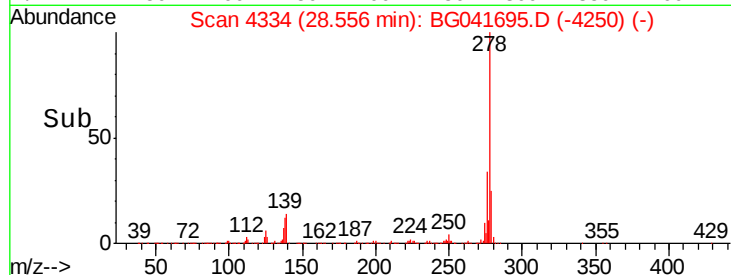


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.933 ng

RT: 29.64 min Scan# 4518

Delta R.T. -0.03 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

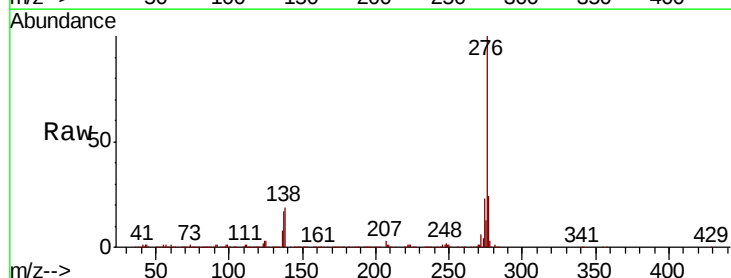
Tgt Ion:276 Resp: 1700579

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 19.2 16.6 25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

