

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045592.D
 Acq On : 3 Jun 2020 22:22
 Operator : CG/JU
 Sample : L2837-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Manual Integrations
 APPROVED

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 6/4/2020 12:11:33 PM

Quant Time: Jun 04 04:01:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	62276	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	249559	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174028	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	366123	20.00	ng	0.00
76) Chrysene-d12	21.61	240	348568	20.00	ng	0.00
87) Perylene-d12	24.76	264	392017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	422973	132.73	ng	0.00
7) Phenol-d6	7.15	99	624519	137.70	ng	0.00
23) Nitrobenzene-d5	9.11	82	408707	89.31	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	297328	133.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	940106	91.63	ng	0.00
79) Terphenyl-d14	19.96	244	1396817	93.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63900	40.438	ng	98
3) Pyridine	3.80	79	147324	33.475	ng	95
4) n-Nitrosodimethylamine	3.71	42	67454	46.839	ng	87
6) Aniline	7.28	93	162691	27.478	ng	99
8) 2-Chlorophenol	7.53	128	182983	52.363	ng	95
9) Benzaldehyde	7.09	77	116475	39.416	ng	99
10) Phenol	7.18	94	248647	53.193	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	169296	46.432	ng	98
12) 1,3-Dichlorobenzene	7.84	146	196157	46.710	ng	97
13) 1,4-Dichlorobenzene	7.99	146	198676	47.940	ng	97
14) 1,2-Dichlorobenzene	8.31	146	189080	47.436	ng	97
15) Benzyl Alcohol	8.20	79	185550	49.523	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	159447	46.070	ng	97
17) 2-Methylphenol	8.42	107	164693	47.071	ng	97
18) Hexachloroethane	9.04	117	76709	48.329	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	151131	48.187	ng	97
20) 3+4-Methylphenols	8.75	107	223682	46.948	ng	93
22) Acetophenone	8.78	105	275355	46.553	ng	# 98
24) Nitrobenzene	9.16	77	228871	46.678	ng	98
25) Isophorone	9.68	82	414011	45.936	ng	98
26) 2-Nitrophenol	9.87	139	103972	49.570	ng	93
27) 2,4-Dimethylphenol	9.95	122	171620	55.167	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	230927	48.857	ng	95
29) 2,4-Dichlorophenol	10.42	162	189435	51.567	ng	95
30) 1,2,4-Trichlorobenzene	10.63	180	209800	48.331	ng	99
31) Naphthalene	10.81	128	559393	48.102	ng	99
32) Benzoic acid	10.13	122	113142	52.332	ng	93
33) 4-Chloroaniline	10.92	127	100095	20.591	ng	98
34) Hexachlorobutadiene	11.10	225	146209	47.649	ng	96
35) Caprolactam	11.69	113	65970m	48.925	ng	
36) 4-Chloro-3-methylphenol	12.07	107	212067	51.230	ng	98
37) 2-Methylnaphthalene	12.42	142	425770	49.121	ng	97
38) 1-Methylnaphthalene	12.64	142	400265	48.886	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	247052	50.825	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	268244	95.610	nq	95
43) 2,4,6-Trichlorophenol	13.04	196	170606	50.525	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	176175	45.657	nq	98
46) 1,1'-Biphenyl	13.43	154	539906	50.490	nq	99
47) 2-Chloronaphthalene	13.47	162	417288	48.056	nq	99
48) 2-Nitroaniline	13.68	65	137707	48.211	nq	97
49) Acenaphthylene	14.32	152	688434	49.359	nq	99
50) Dimethylphthalate	14.05	163	683773	57.276	nq	98
51) 2,6-Dinitrotoluene	14.17	165	124360	46.164	nq	100
52) Acenaphthene	14.66	154	501551m	53.721	nq	
53) 3-Nitroaniline	14.51	138	68084	24.862	nq	95
54) 2,4-Dinitrophenol	14.71	184	145360	82.211	nq	97
55) Dibenzofuran	15.00	168	655981	47.314	nq	96
56) 4-Nitrophenol	14.85	139	202057	97.459	nq	93
57) 2,4-Dinitrotoluene	14.96	165	179054	45.895	nq	100
58) Fluorene	15.65	166	534526	46.928	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	169615	49.964	nq	98
60) Diethylphthalate	15.42	149	561720	45.206	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	296267	45.454	nq	98
62) 4-Nitroaniline	15.67	138	117742	41.186	nq	98
63) Azobenzene	15.93	77	548616	47.351	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	108621	50.941	nq	94
66) n-Nitrosodiphenylamine	15.86	169	475036	54.039	nq	98
67) 4-Bromophenyl-phenylether	16.54	248	199136	50.230	nq	96
68) Hexachlorobenzene	16.66	284	211165	50.925	nq	# 92
69) Atrazine	16.81	200	178012	49.164	nq	99
70) Pentachlorophenol	17.01	266	237883	110.486	nq	97
71) Phenanthrene	17.39	178	796546	49.836	nq	99
72) Anthracene	17.48	178	822343	51.233	nq	97
73) Carbazole	17.75	167	738351	47.192	nq	99
74) Di-n-butylphthalate	18.31	149	857578	45.667	nq	99
75) Fluoranthene	19.40	202	924459	45.473	nq	99
77) Benzidine	19.58	184	402762	41.141	nq	98
78) Pyrene	19.76	202	941367	47.377	nq	100
80) Butylbenzylphthalate	20.65	149	379852	44.290	nq	97
81) Benzo(a)anthracene	21.59	228	955570	49.212	nq	100
82) 3,3'-Dichlorobenzidine	21.51	252	120969	15.882	nq	98
83) Chrysene	21.65	228	914976	49.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	548998	46.567	nq	99
85) Di-n-octyl phthalate	22.69	149	953097	47.070	nq	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1223559	50.114	nq	99
88) Benzo(b)fluoranthene	23.76	252	1029603	48.972	nq	99
89) Benzo(k)fluoranthene	23.83	252	980241m	49.627	nq	
90) Benzo(a)pyrene	24.61	252	933663	47.683	nq	99
91) Dibenzo(a,h)anthracene	28.40	278	998413	50.741	nq	99
92) Benzo(g,h,i)perylene	29.46	276	1020858	51.876	nq	98

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

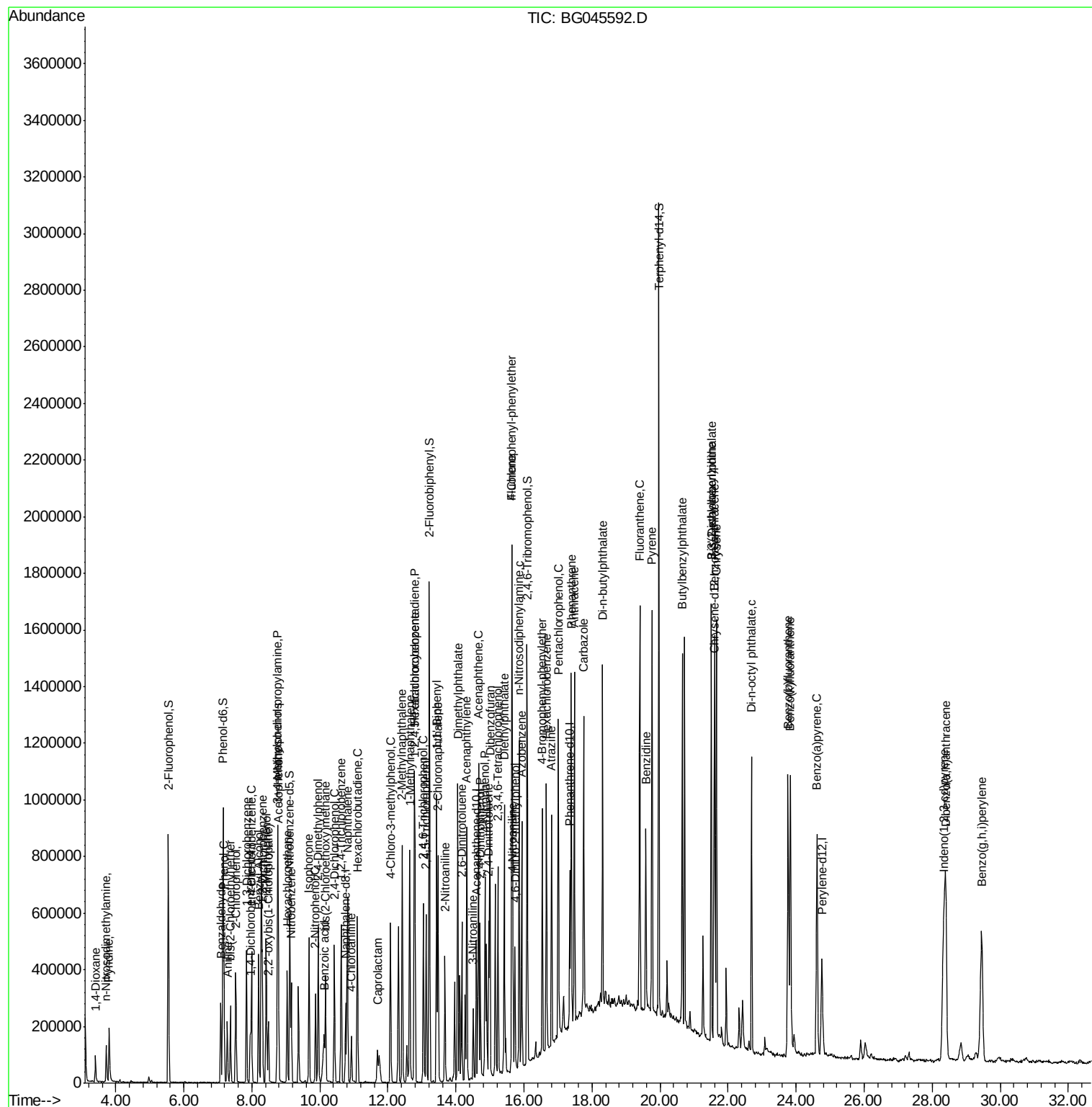
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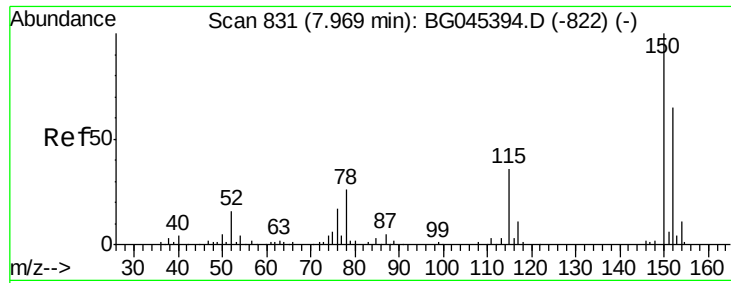
Instrument :
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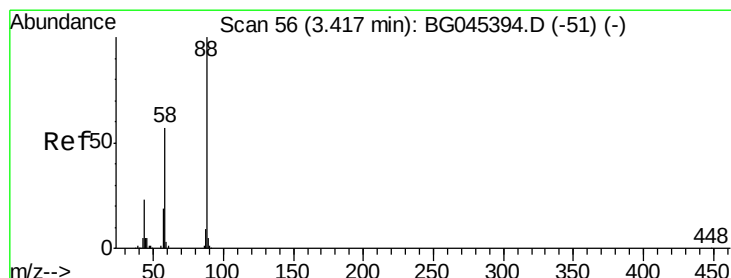
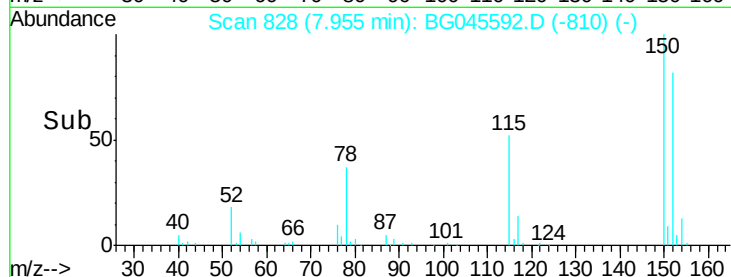
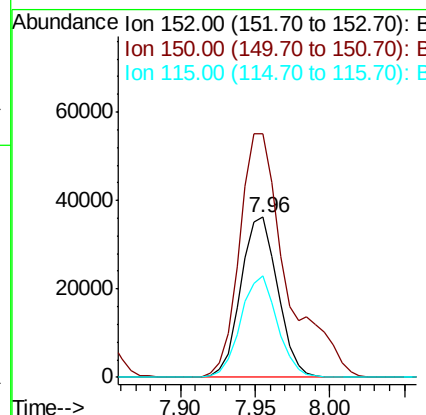
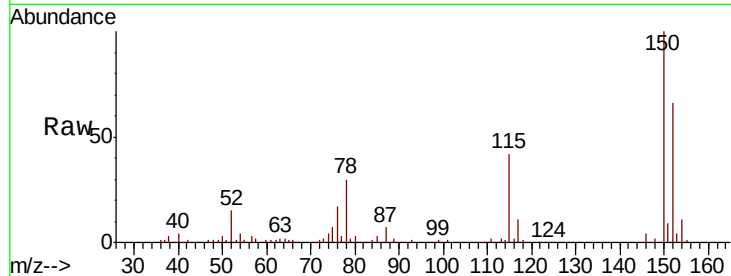
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.4	183.6
115	63.3	44.2	66.4

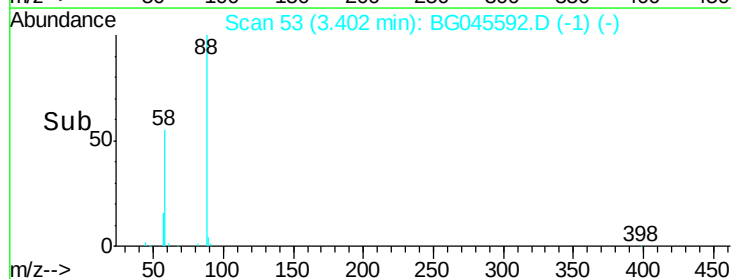
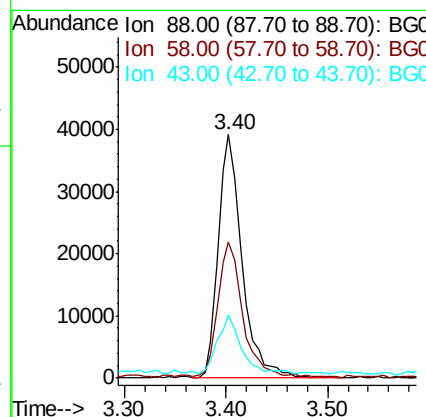
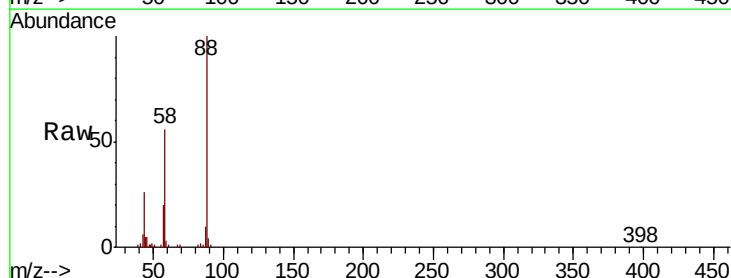
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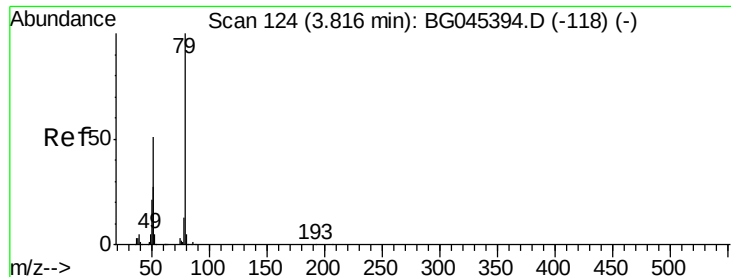
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#2
 1,4-Dioxane
 Concen: 40.438 ng
 RT: 3.40 min Scan# 53
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	45.7	68.5
43	23.5	16.8	25.2





#3

Pvridine

Concen: 33.475 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

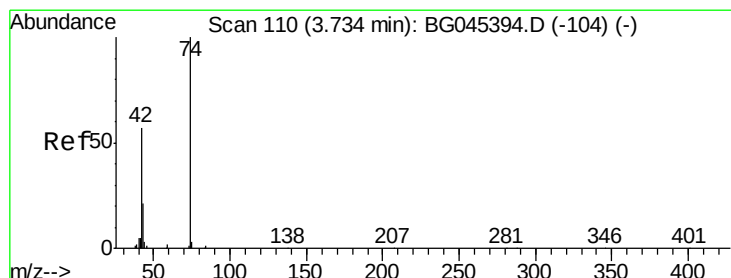
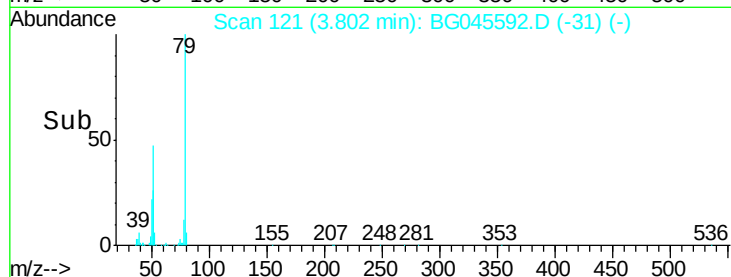
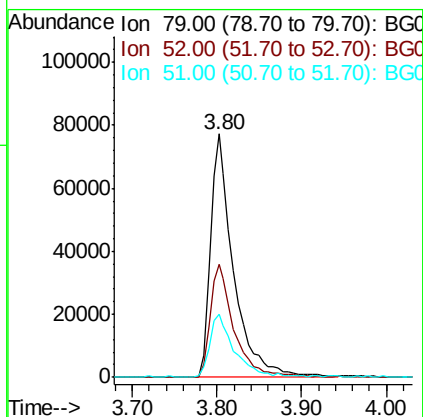
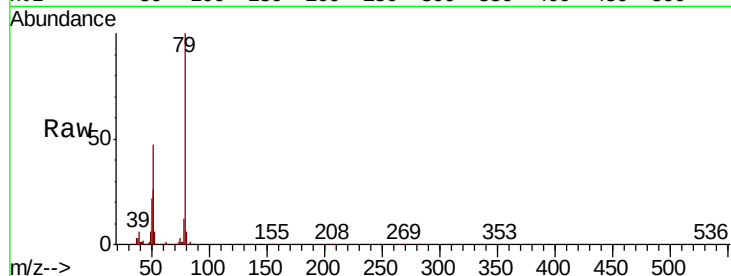
ClientSampled :

SPMSD

Tot Ion:	79	Resp:	147324
Ion	Ratio	Lower	Upper
79	100		
52	46.7	40.8	61.2
51	26.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 46.839 ng

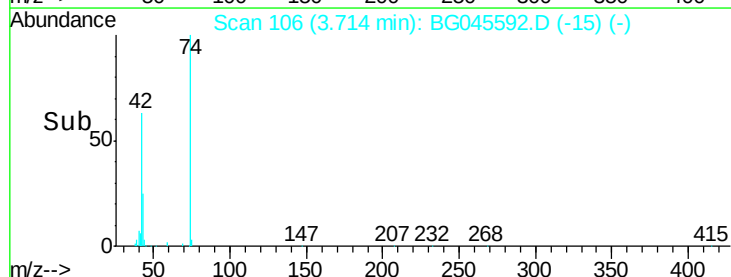
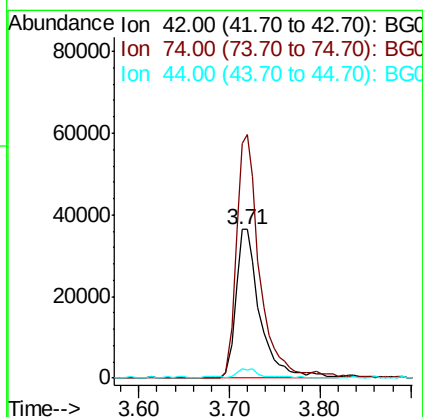
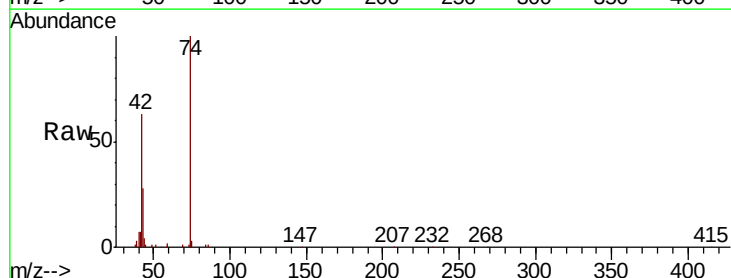
RT: 3.71 min Scan# 106

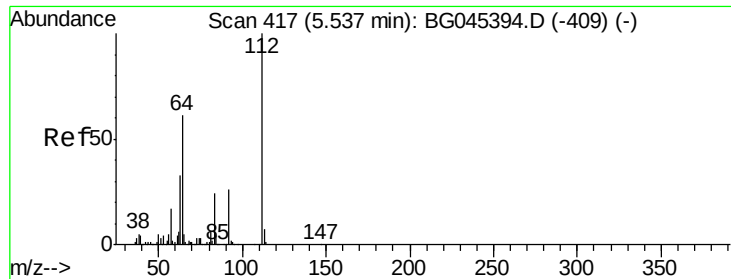
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	42	Resp:	67454
Ion	Ratio	Lower	Upper
42	100		
74	157.9	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 132.734 ng

RT: 5.55 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

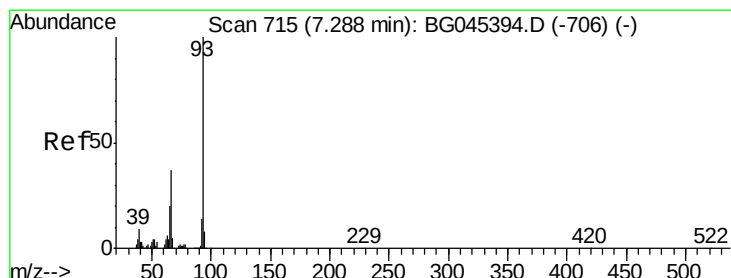
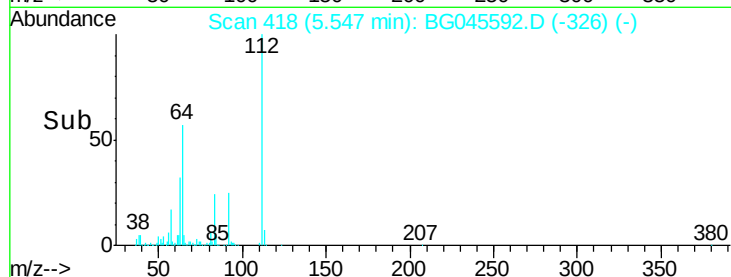
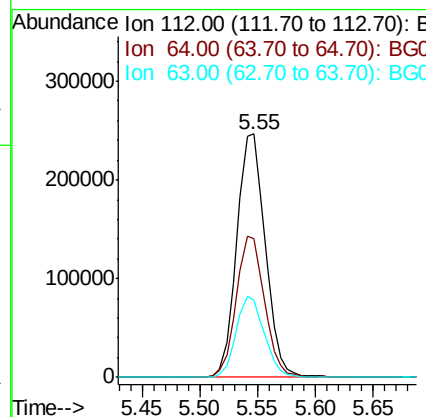
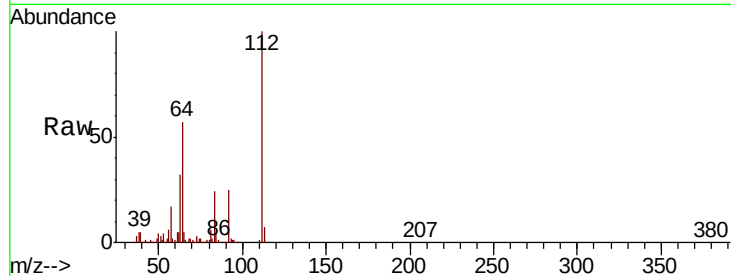
ClientSampleId :

SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	422973		
64	57.1		48.6	72.8
63	31.8		26.5	39.7

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#6

Aniline

Concen: 27.478 ng

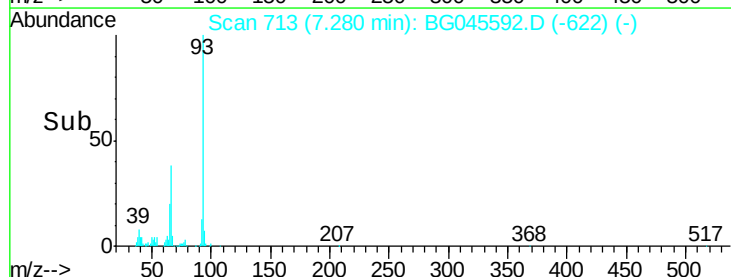
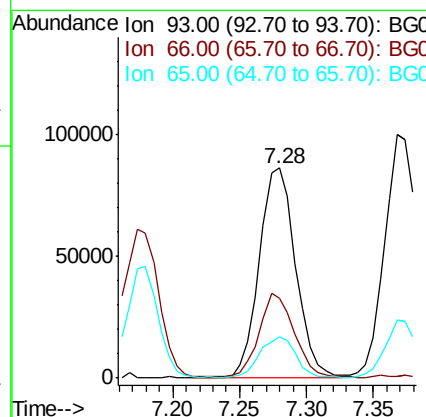
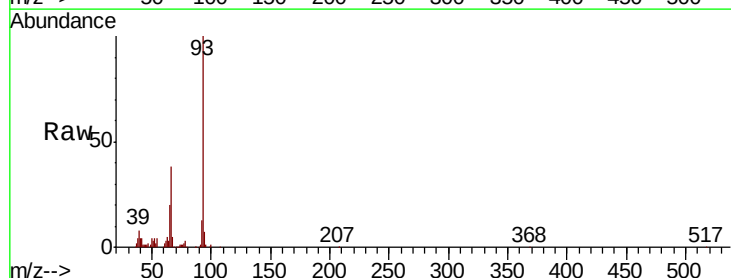
RT: 7.28 min Scan# 713

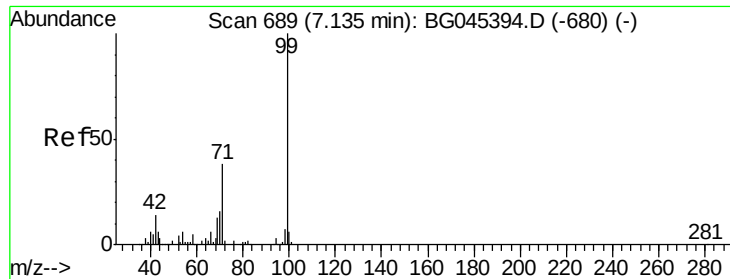
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	162691		
66	37.7		29.6	44.4
65	19.7		15.9	23.9





#7

Phenol-d6

Concen: 137.695 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

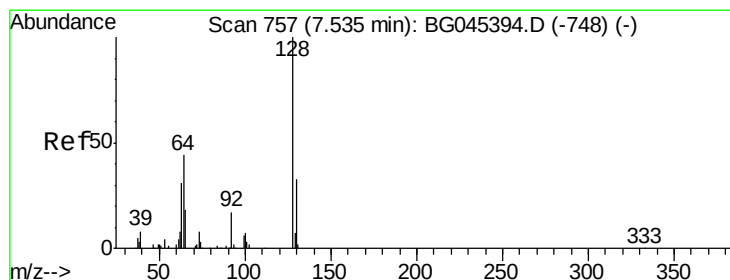
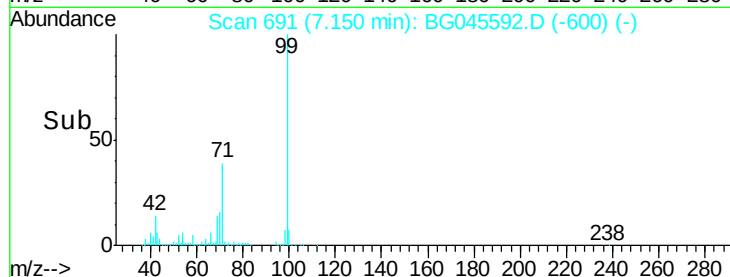
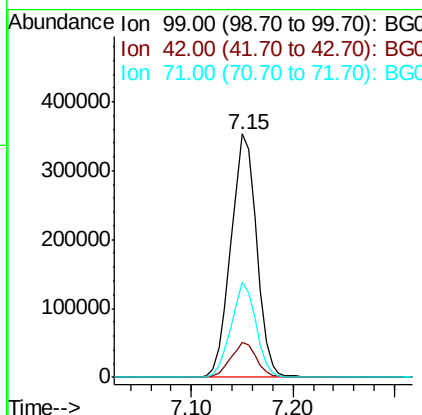
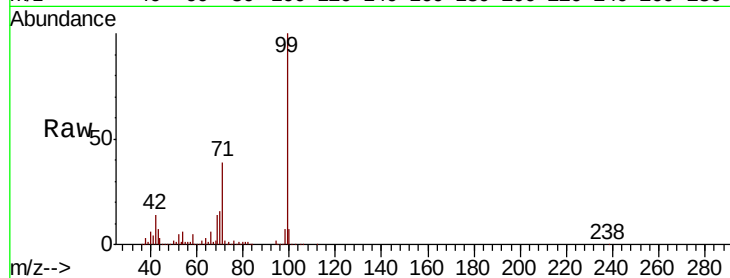
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Tot Ion:	99	Resp:	624519
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.3	16.9
71	39.1	30.8	46.2

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#8

2-Chlorophenol

Concen: 52.363 ng

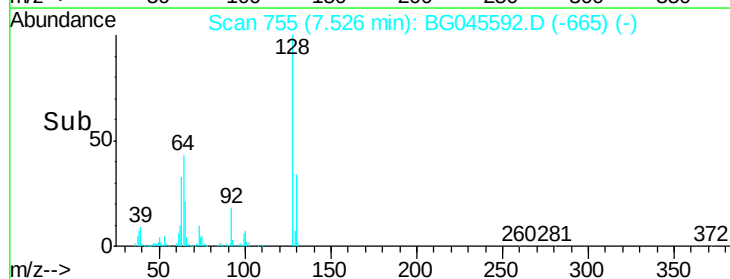
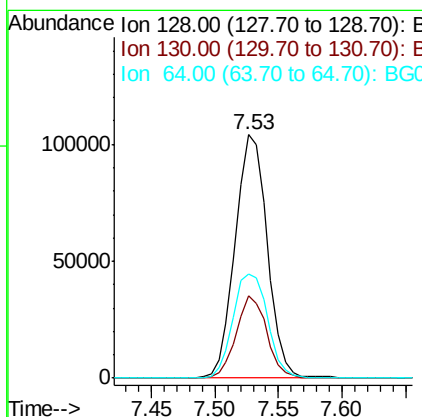
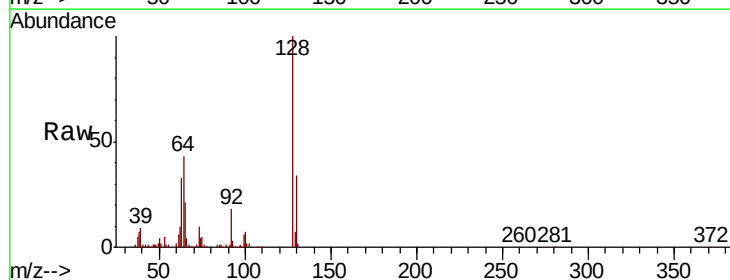
RT: 7.53 min Scan# 755

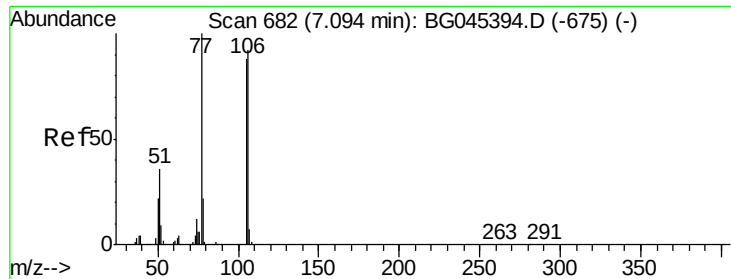
Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	128	Resp:	182983
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.6	52.6
64	42.8	27.0	67.0





#9

Benzaldehyde

Concen: 39.416 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045592.D

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Instrument :

BNA_G

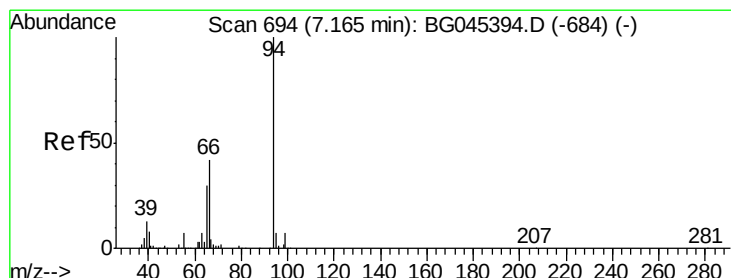
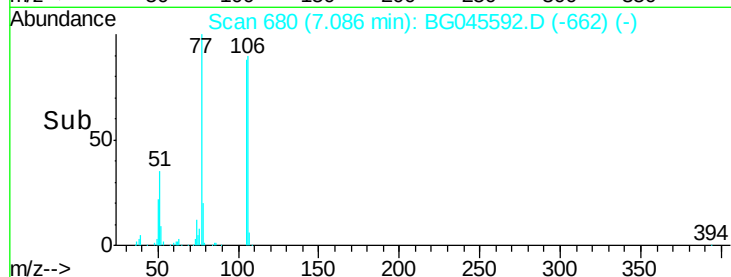
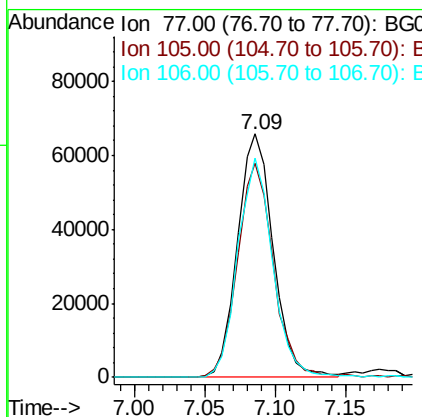
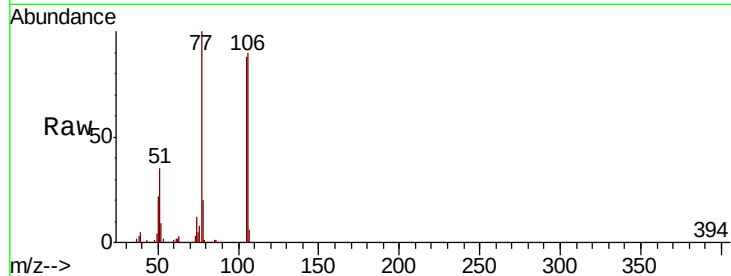
ClientSampleId :

SPMSD

Tot Ion:	77	Resp:	116475
Ion Ratio	Lower	Upper	
77	100		
105	87.8	68.5	108.5
106	89.9	71.6	111.6

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#10

Phenol

Concen: 53.193 ng

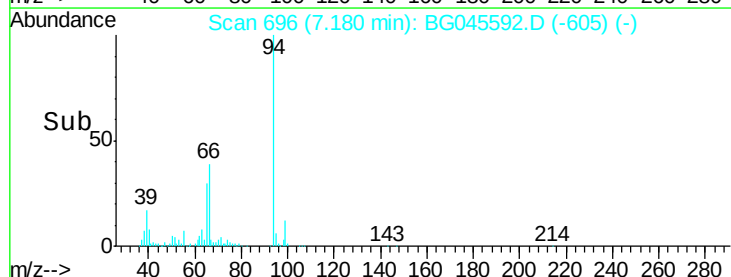
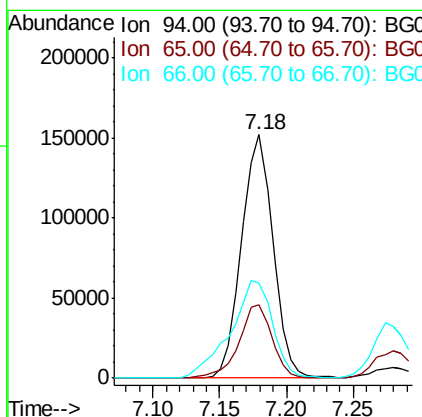
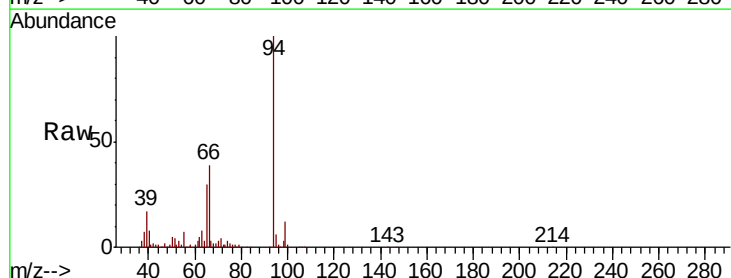
RT: 7.18 min Scan# 696

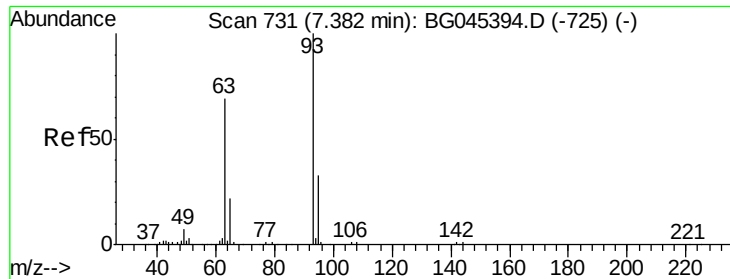
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	94	Resp:	248647
Ion Ratio	Lower	Upper	
94	100		
65	30.2	9.8	49.8
66	39.2	22.0	62.0





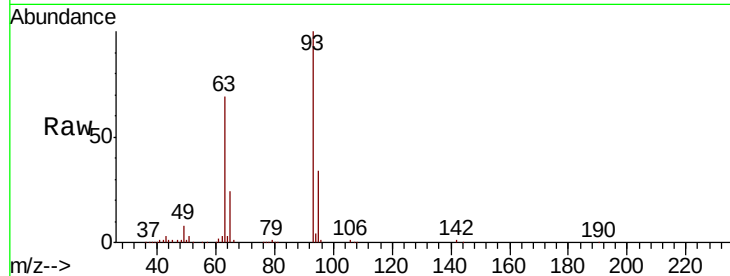
#11
bis(2-Chloroethyl)ether
Concen: 46.432 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169296		
63	69.2		48.4	88.4
95	34.2		12.4	52.4

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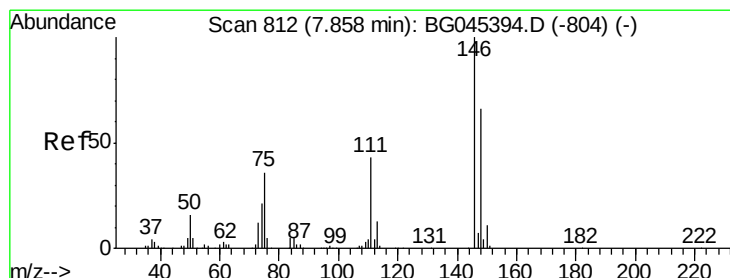
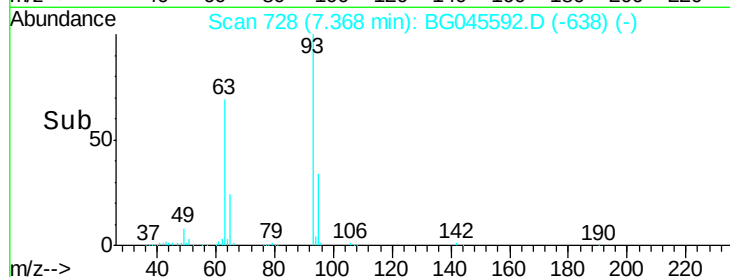
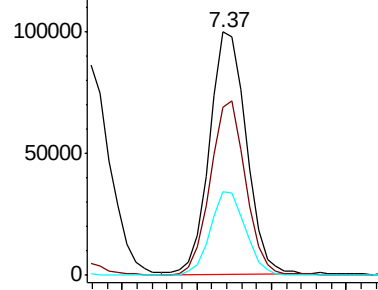


Abundance

Ion 93.00 (92.70 to 93.70): BGC

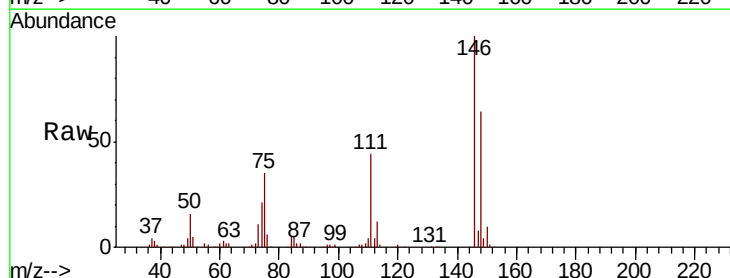
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 46.710 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196157		
148	64.3		53.2	79.8
75	34.6		28.6	43.0

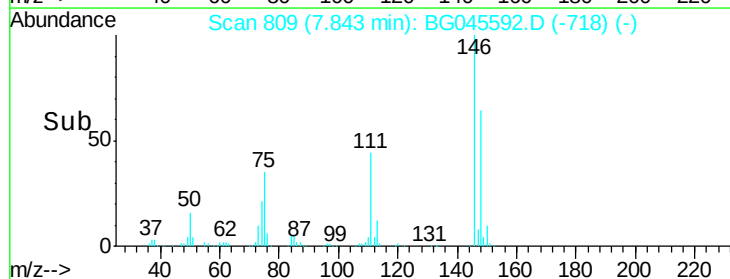
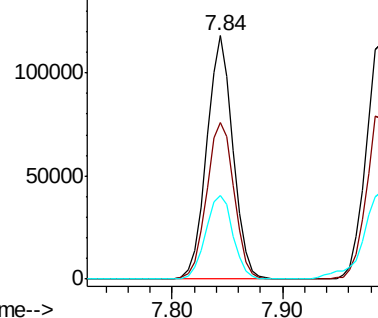


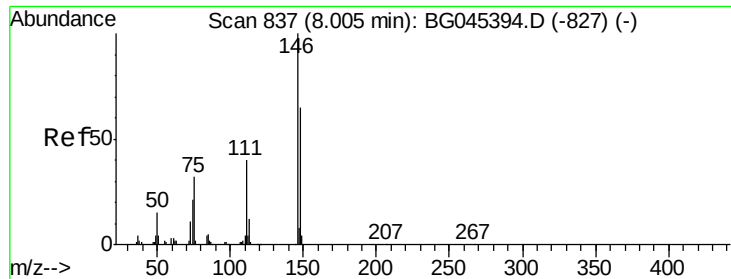
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





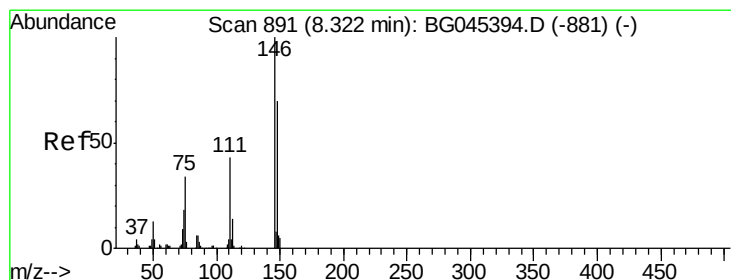
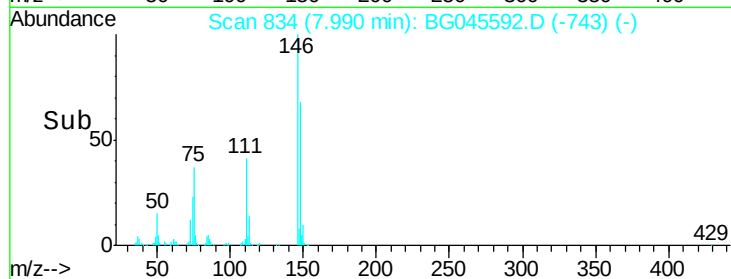
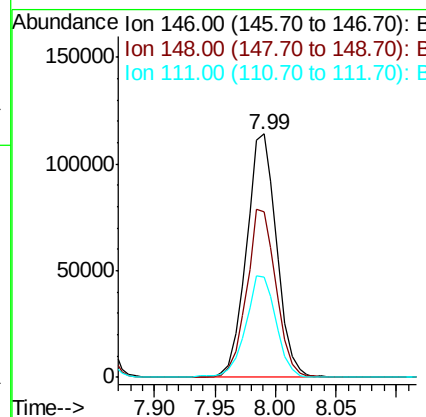
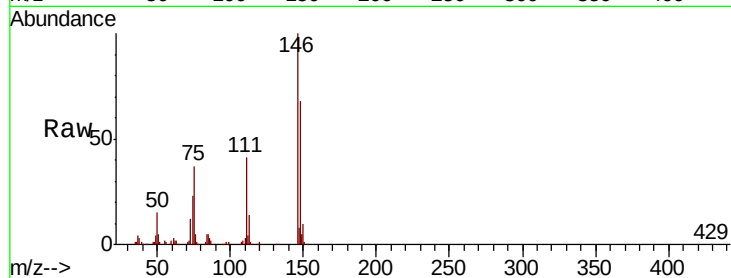
#13
 1,4-Dichlorobenzene
 Concen: 47.940 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	51.8	77.8
111	41.3	32.1	48.1

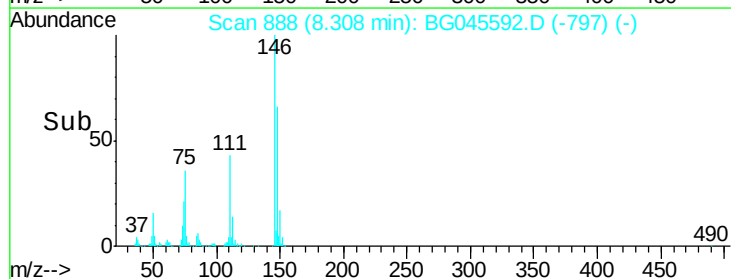
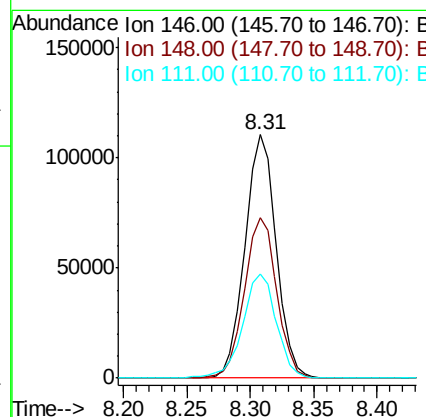
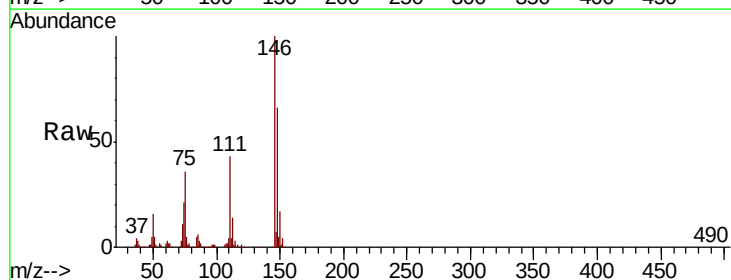
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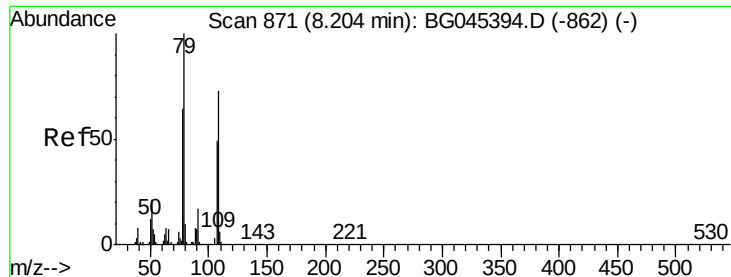
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.436 ng
 RT: 8.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	55.9	83.9
111	43.0	35.0	52.4





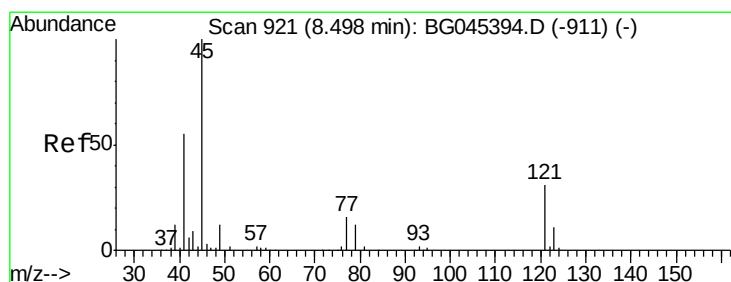
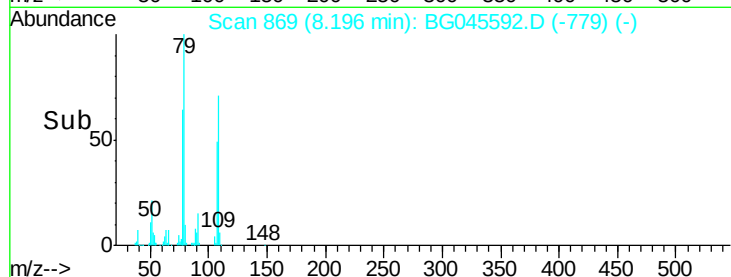
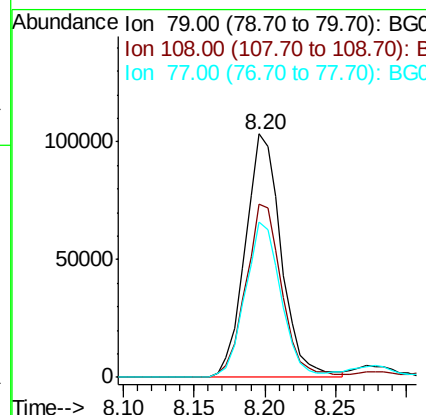
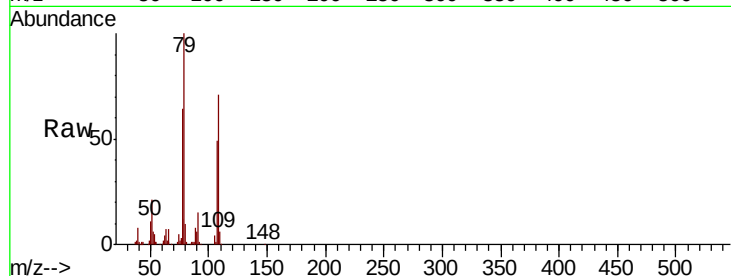
#15
Benzyl Alcohol
Concen: 49.523 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	58.2	87.4
77	63.6	51.0	76.4

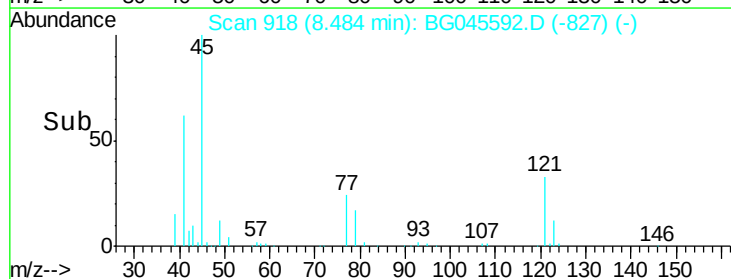
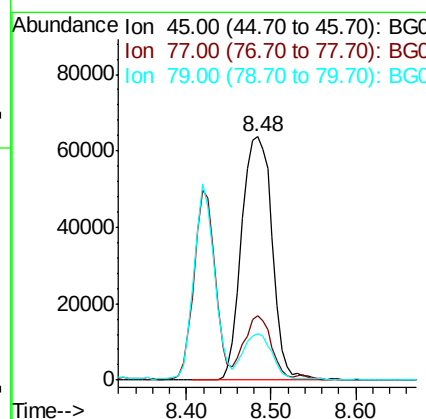
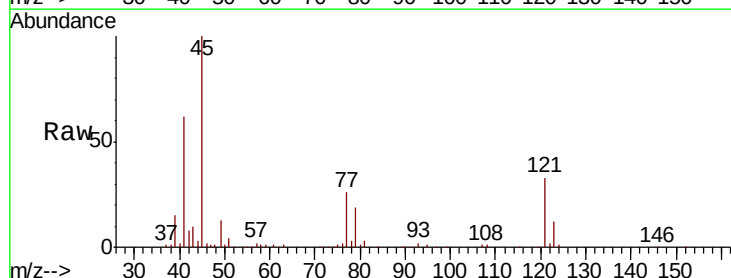
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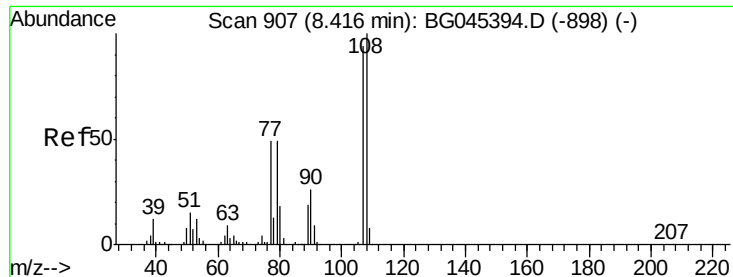
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.070 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.2	4.0	44.0
79	19.3	0.0	38.6





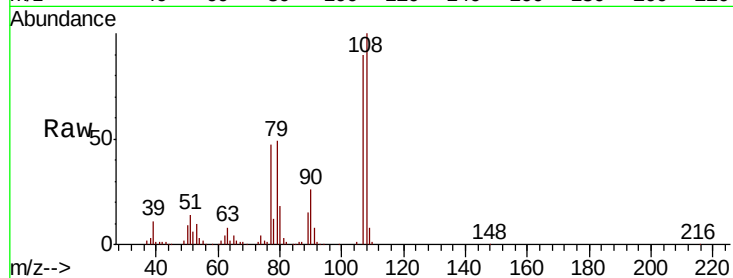
#17
2-Methylphenol
Concen: 47.071 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	85.2	127.8	
77	52.3	41.6	62.4	
79	53.9	41.8	62.8	

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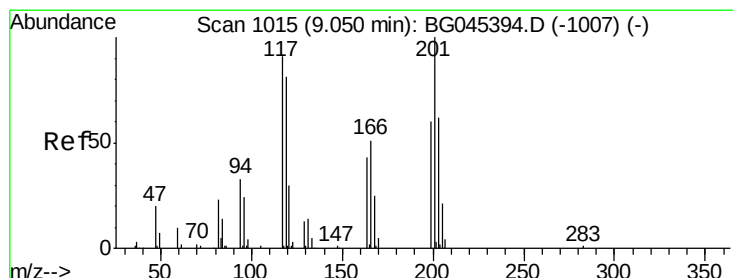
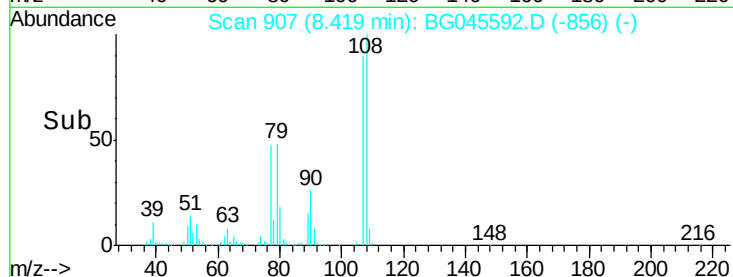
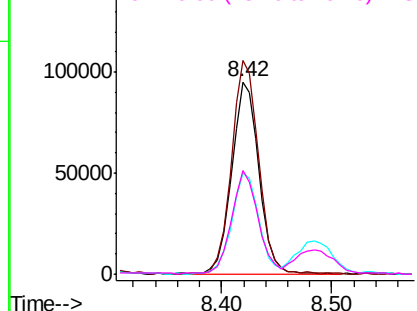
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

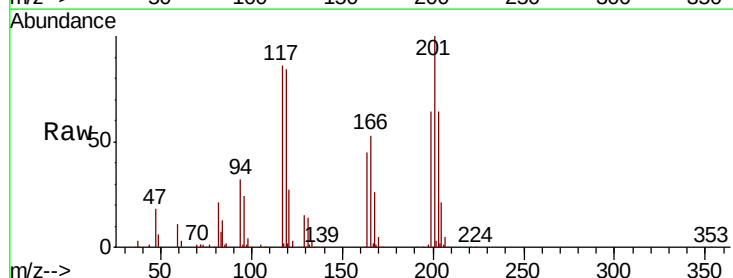
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 48.329 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	71.3	106.9	
201	116.9	87.5	131.3	

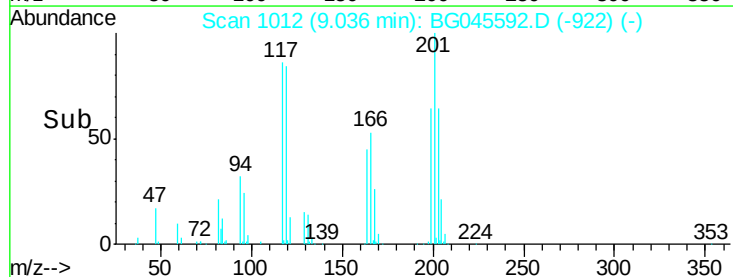
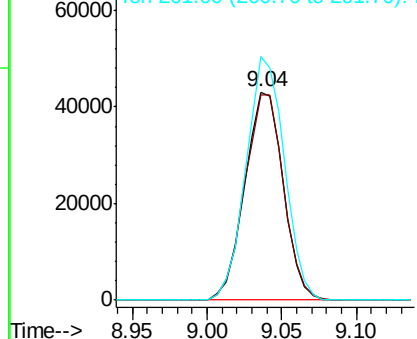


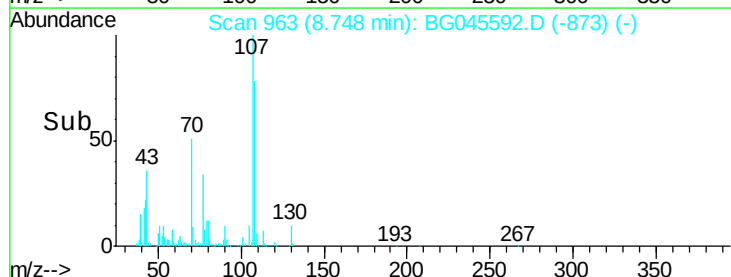
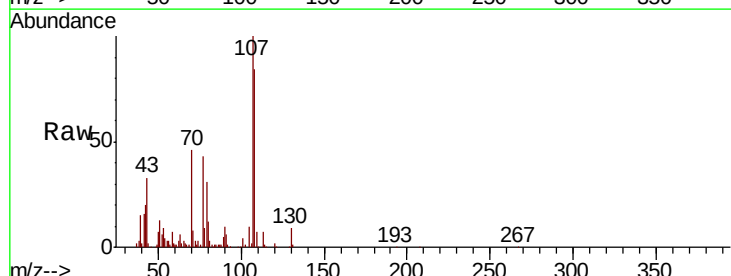
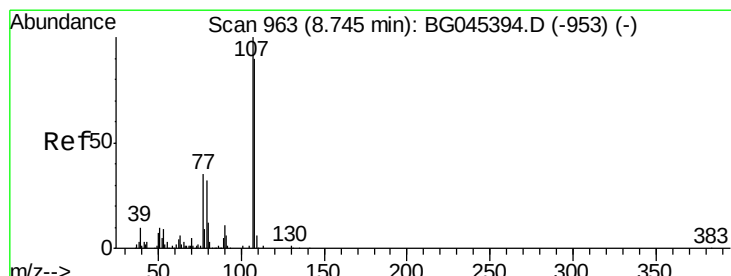
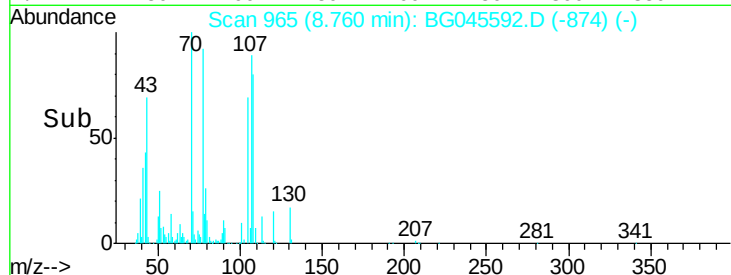
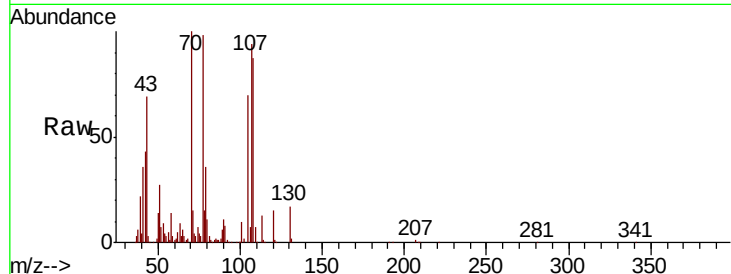
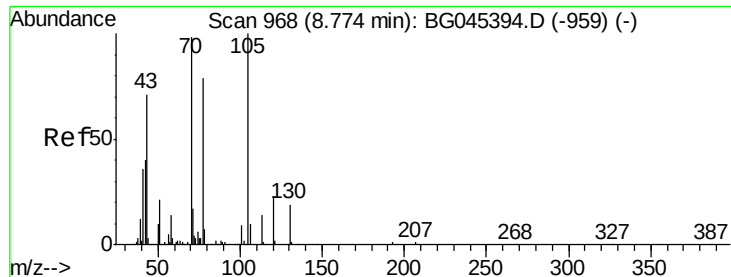
Abundance

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





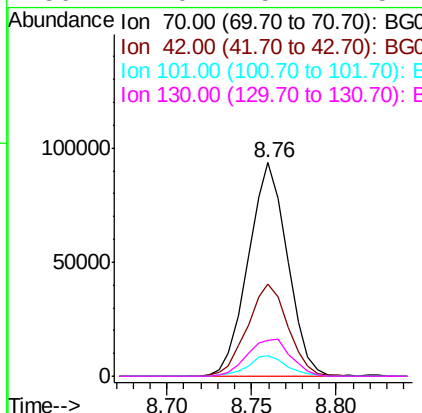
#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.0		33.2	49.8	
101	9.8		7.8	11.6	
130	17.0		15.4	23.2	

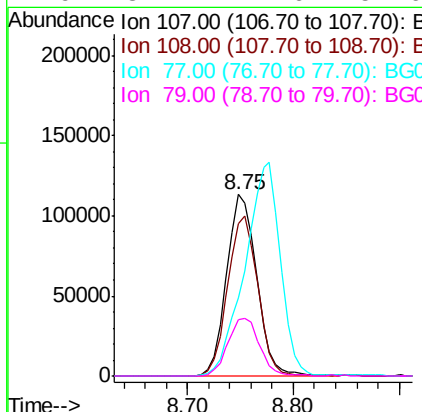
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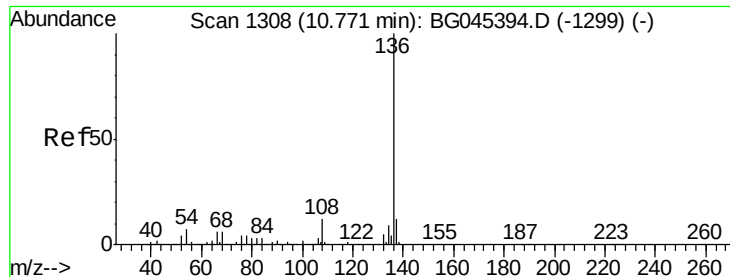
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#20
3+4-Methylphenols
Concen: 46.948 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.1		70.3	110.3	
77	43.3		15.4	55.4	
79	31.1		12.6	52.6	





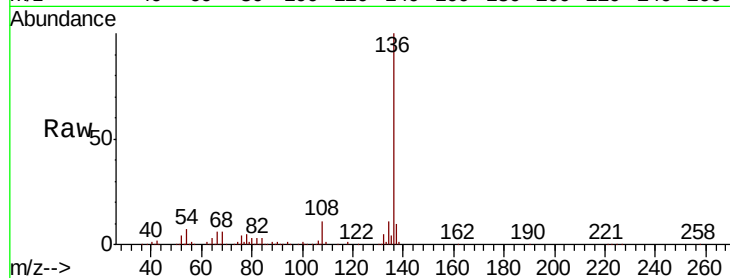
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249559		
137	10.5		9.4	14.2	
54	6.8		5.8	8.6	
68	5.6		4.5	6.7	

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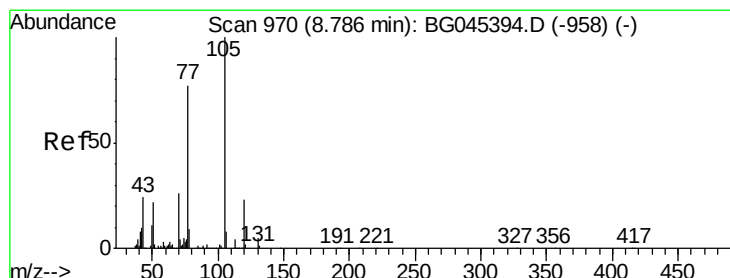
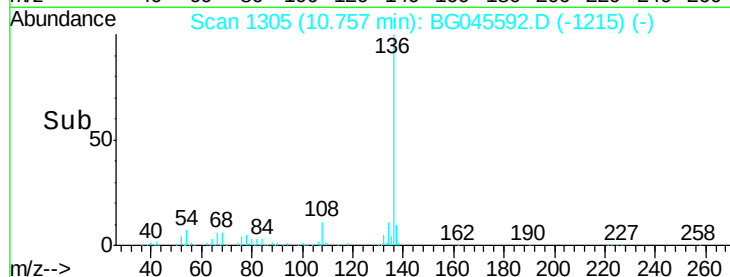
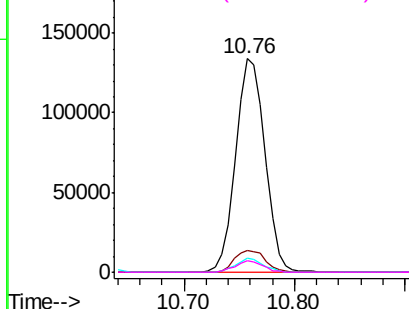
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.553 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		275355		
71	2.5		3.4	5.0#	
51	23.7		18.2	27.2	
120	22.4		18.6	27.8	

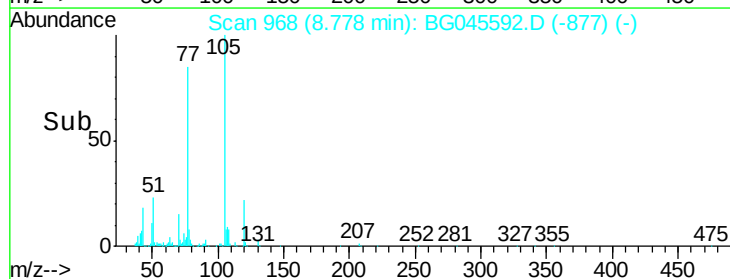
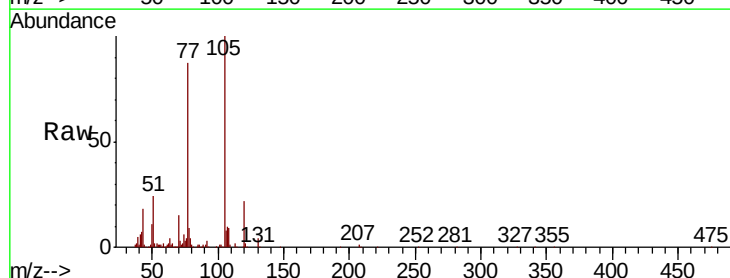
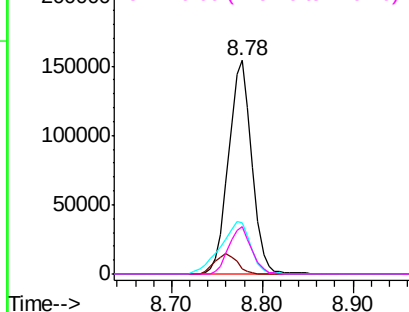
Abundance

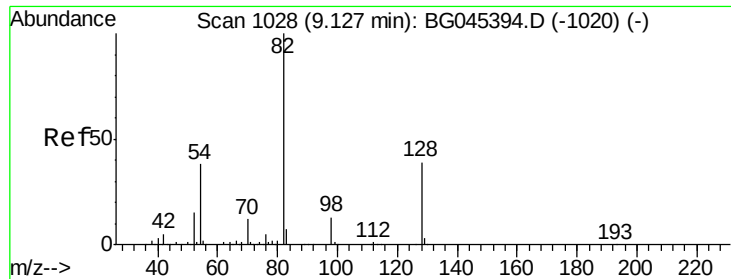
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





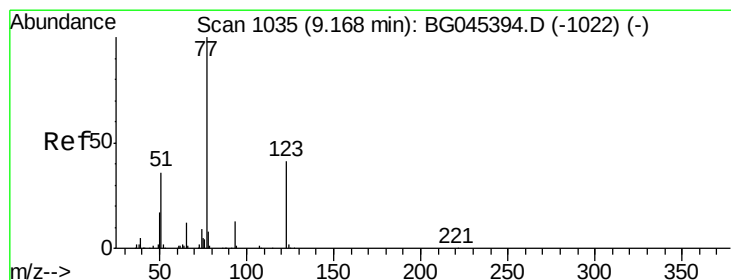
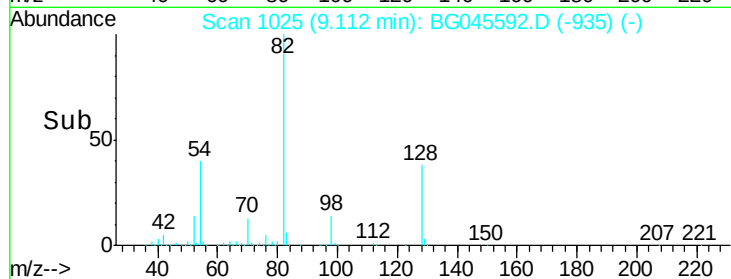
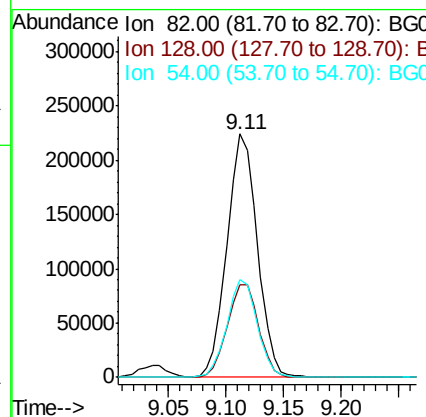
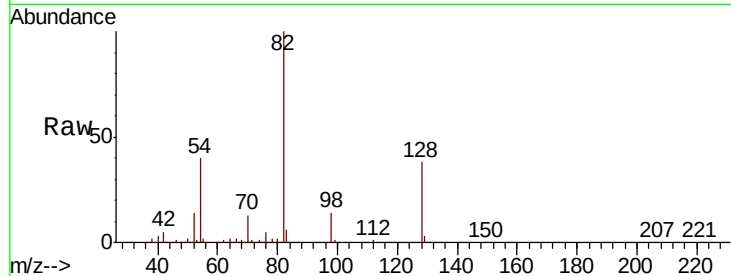
#23
 Nitrobenzene-d5
 Concen: 89.307 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	39.9	30.3	45.5

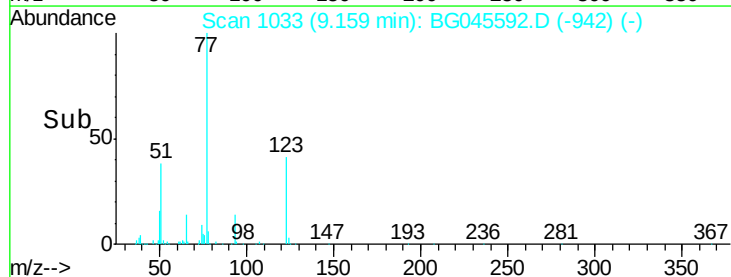
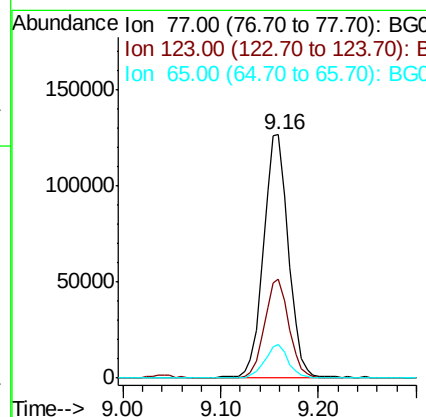
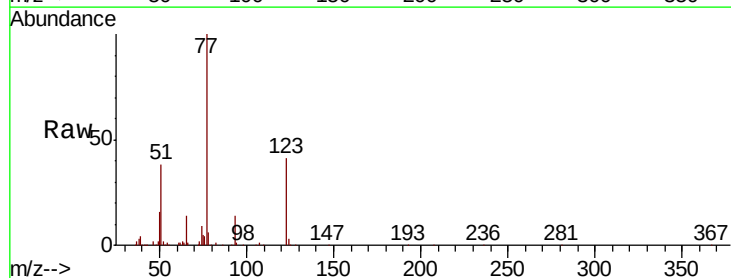
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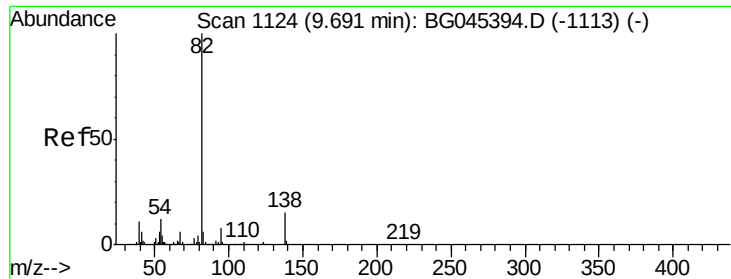
mohammad
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#24
 Nitrobenzene
 Concen: 46.678 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.9	49.3
65	14.0	9.4	14.2





#25

Isophorone

Concen: 45.936 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

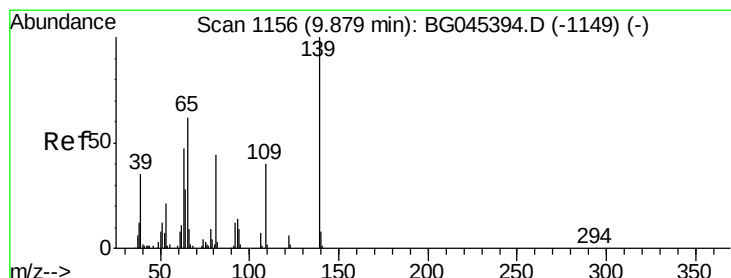
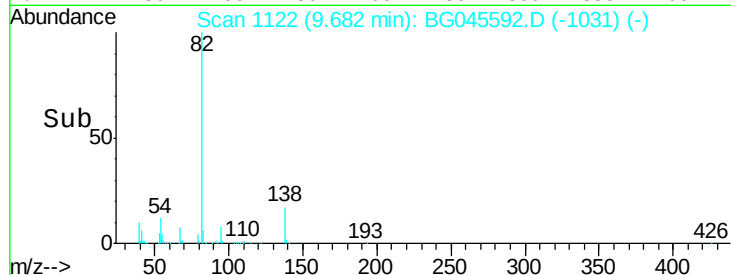
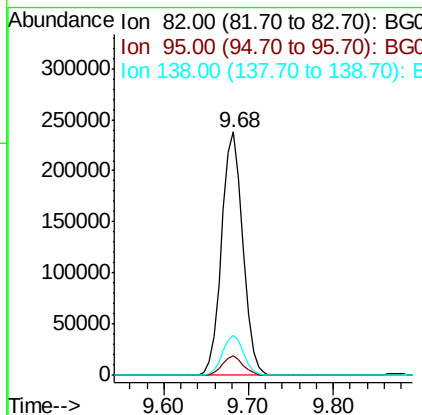
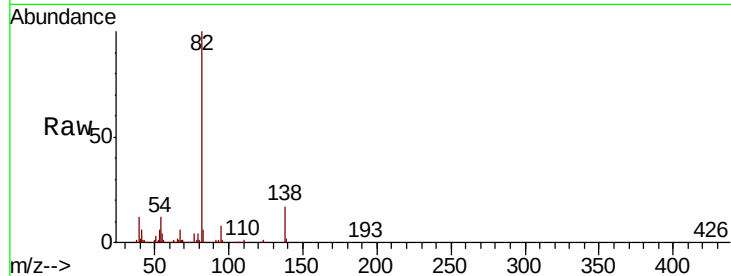
ClientSampleId :

SPMSD

Tot Ion:	82	Resp:	414011
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	16.7	12.2	18.4

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#26

2-Nitrophenol

Concen: 49.570 ng

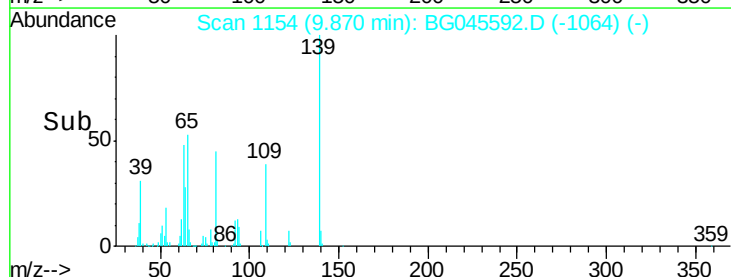
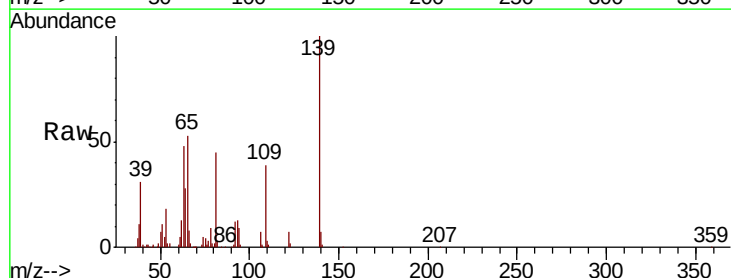
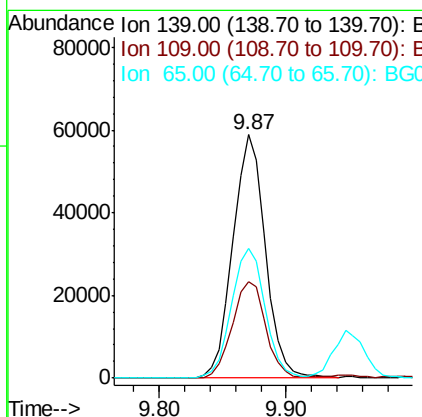
RT: 9.87 min Scan# 1154

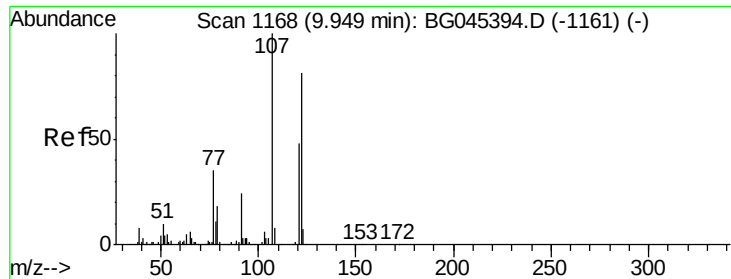
Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	139	Resp:	103972
Ion Ratio	Lower	Upper	
139	100		
109	39.4	32.2	48.4
65	53.5	49.6	74.4





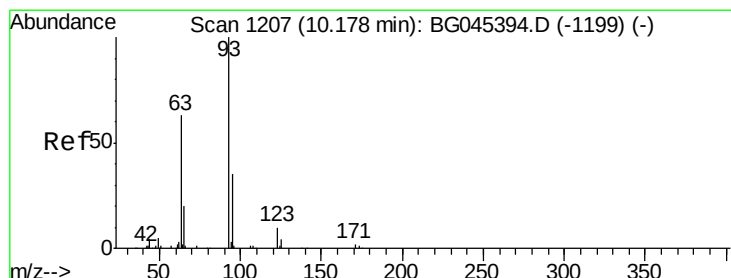
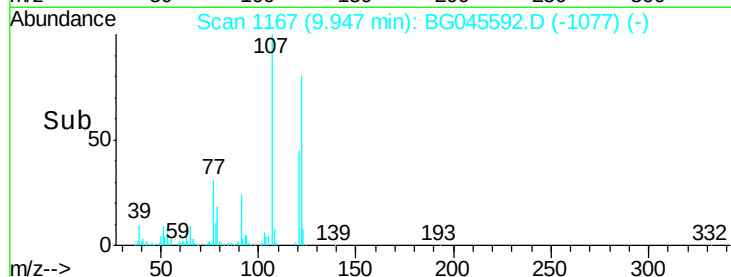
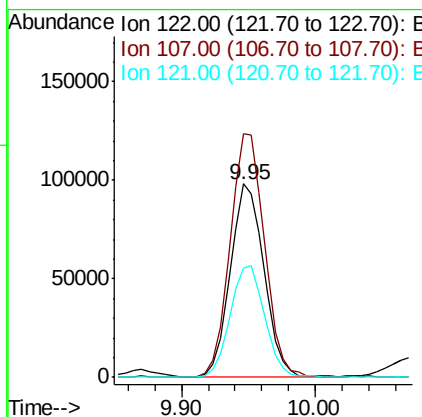
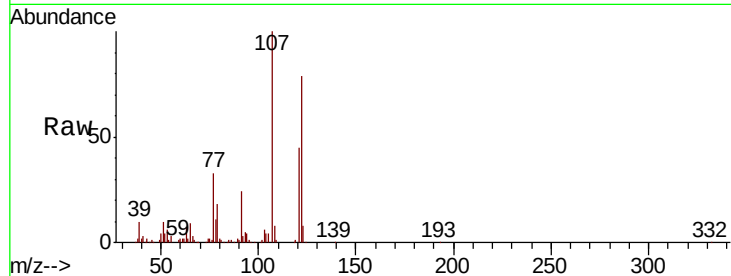
#27
2,4-Dimethylphenol
Concen: 55.167 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	171620		
107	125.8	99.0	148.4	
121	56.6	47.7	71.5	

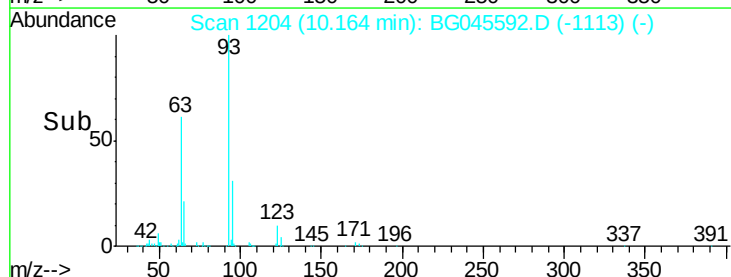
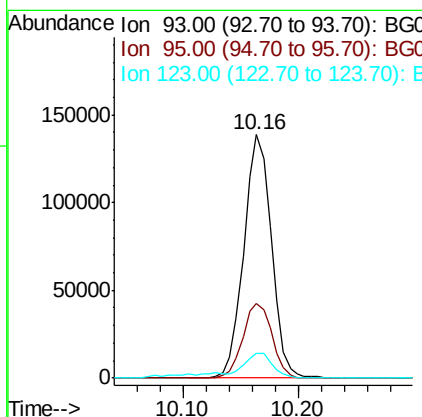
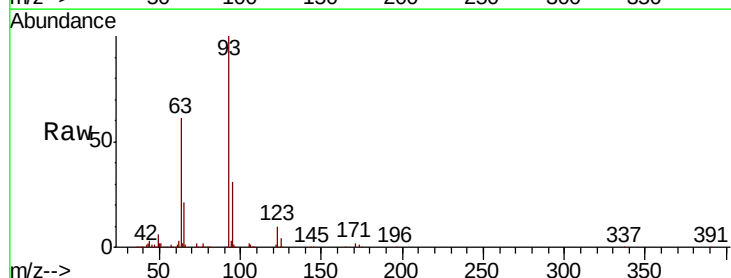
Manual Integrations
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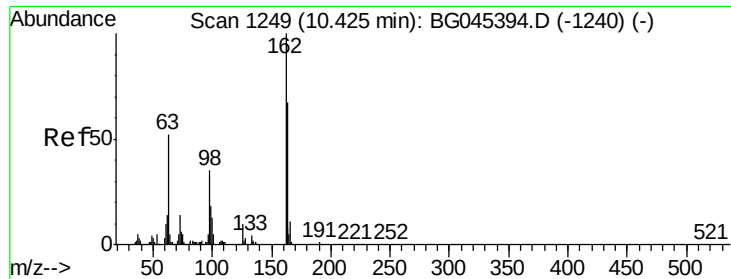
mohammad
6/4/2020 12:11:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.857 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230927		
95	30.8	27.6	41.4	
123	10.3	8.1	12.1	





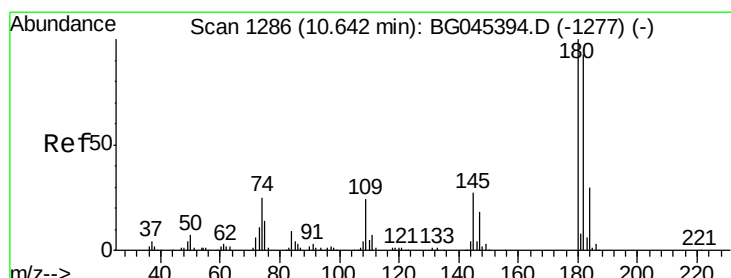
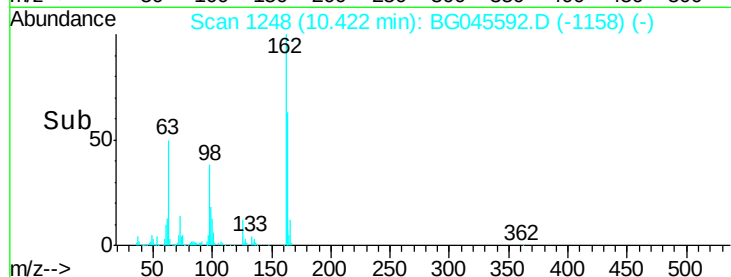
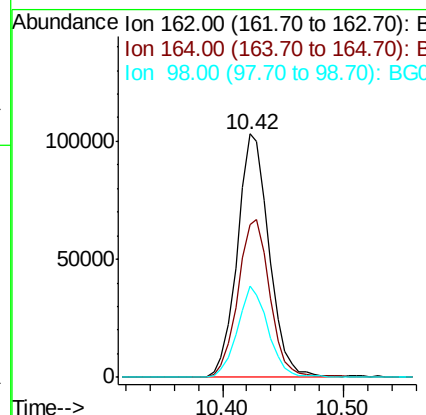
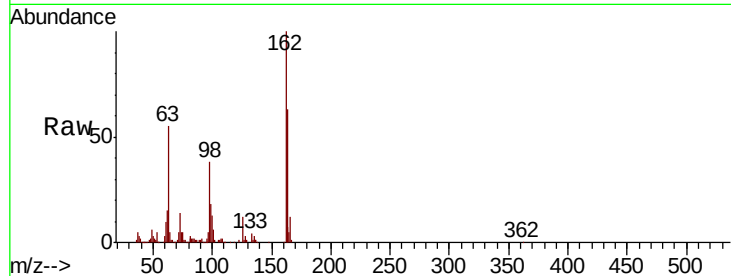
#29
 2,4-Dichlorophenol
 Concen: 51.567 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	46.8	86.8
98	37.6	15.2	55.2

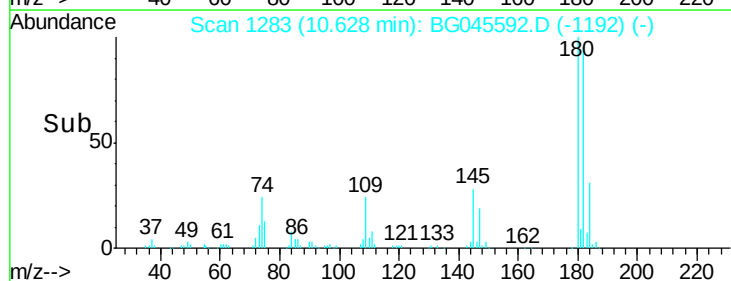
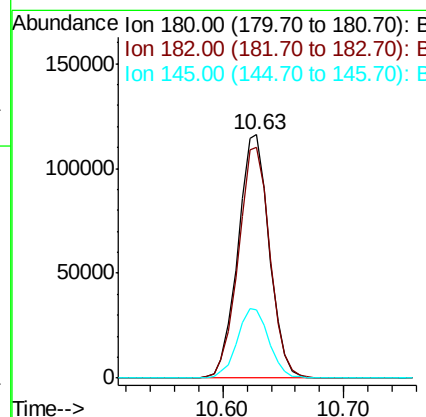
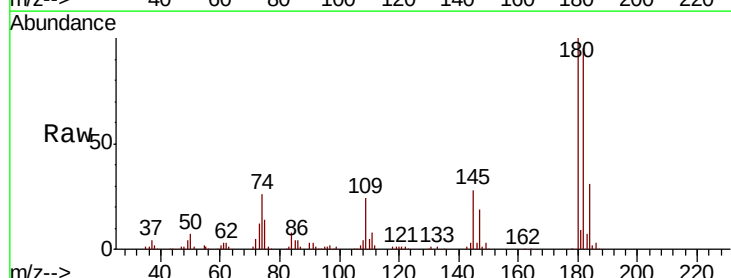
Manual Integrations
 APPROVED

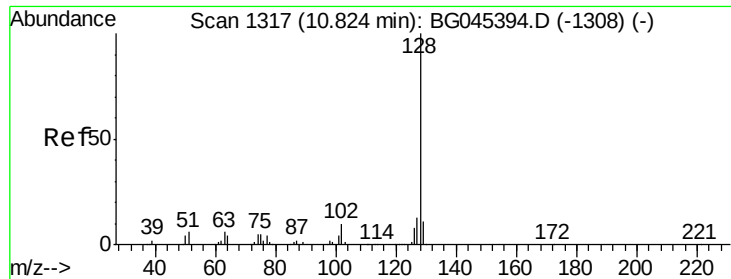
mohammad
 6/4/2020 12:11:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.331 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.8	112.2
145	28.1	21.9	32.9





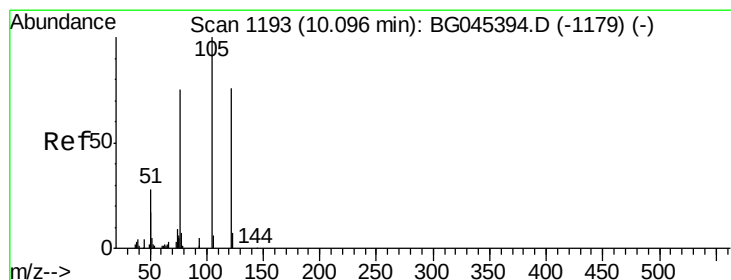
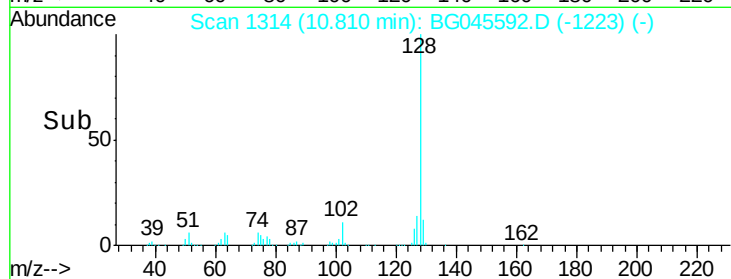
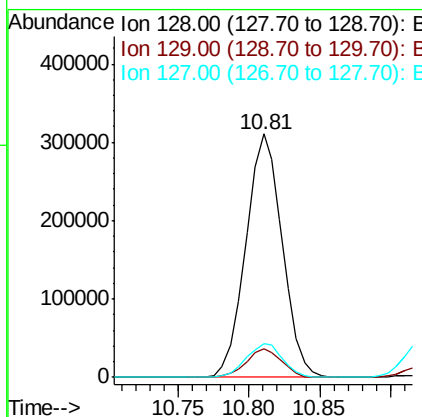
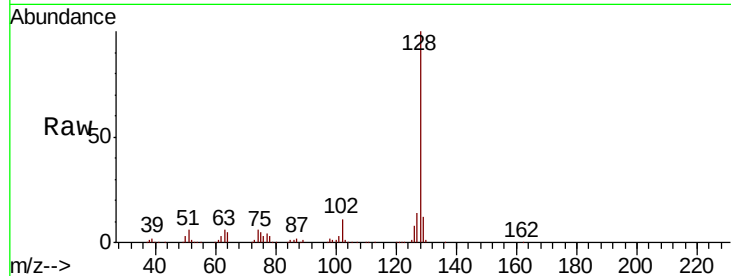
#31
Naphthalene
Concen: 48.102 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.6	10.7	16.1

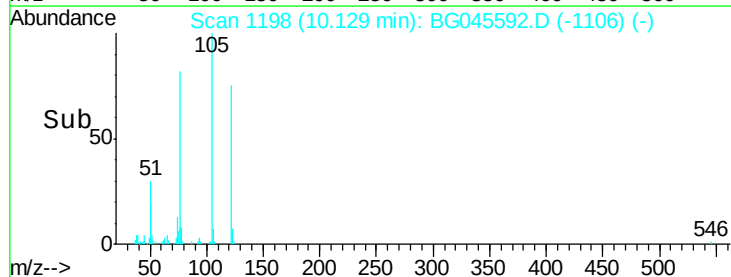
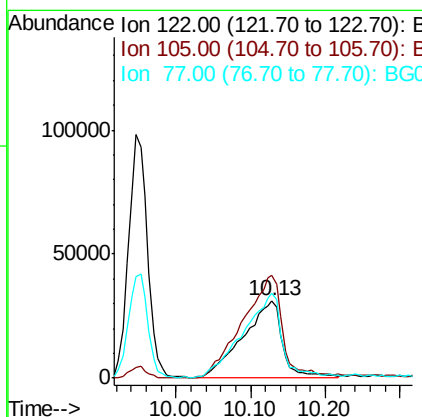
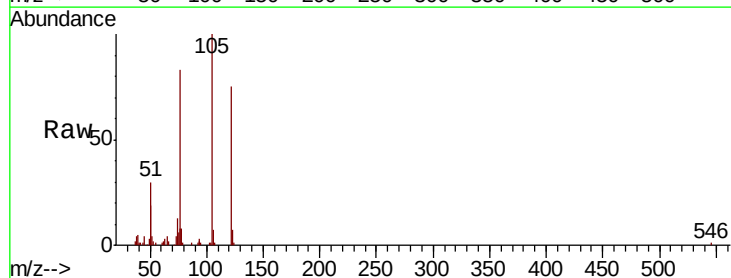
Manual Integrations
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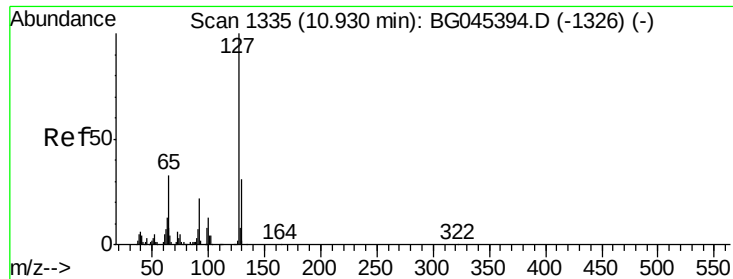
mohammad
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#32
Benzoic acid
Concen: 52.332 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	107.9	147.9
77	109.8	78.9	118.9





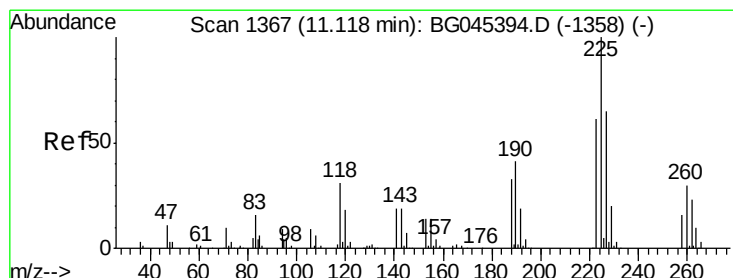
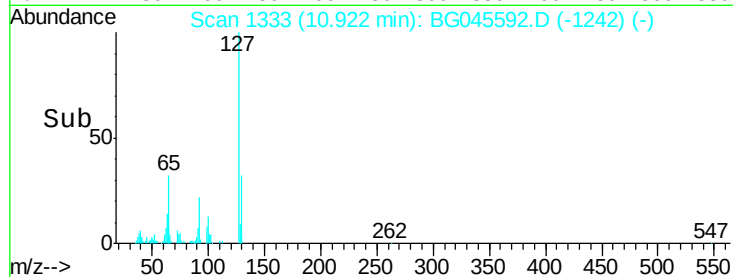
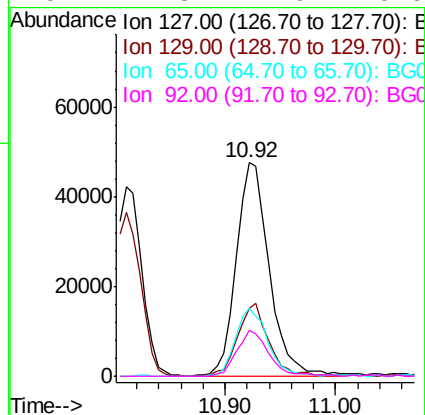
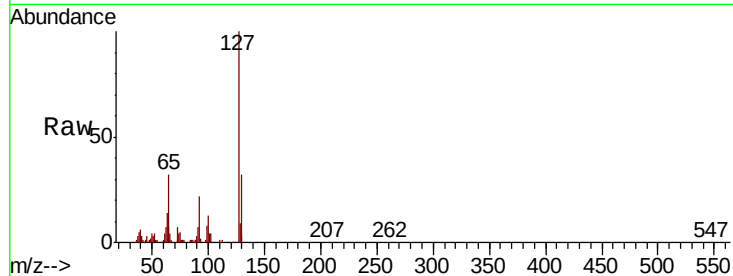
#33
4-Chloroaniline
Concen: 20.591 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	24.7	37.1		
65	31.7	26.2	39.2		
92	21.8	17.9	26.9		

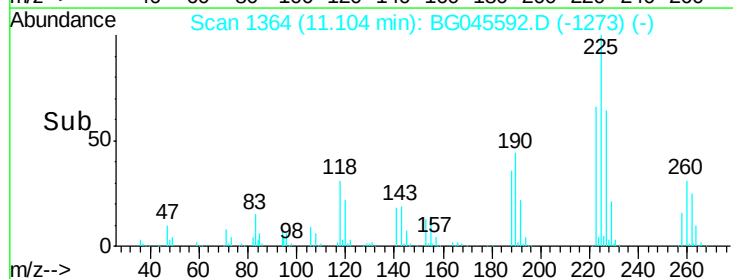
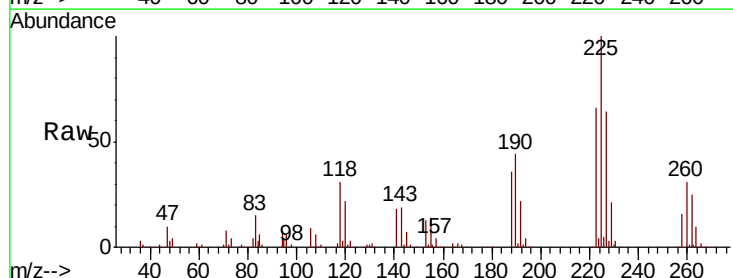
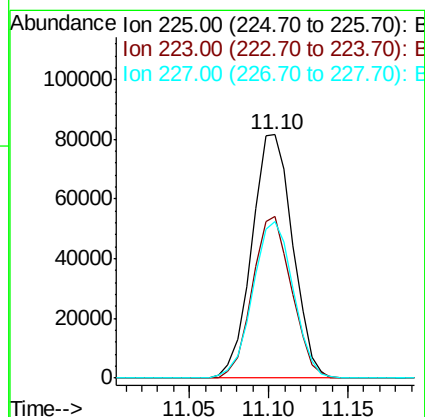
Manual Integrations
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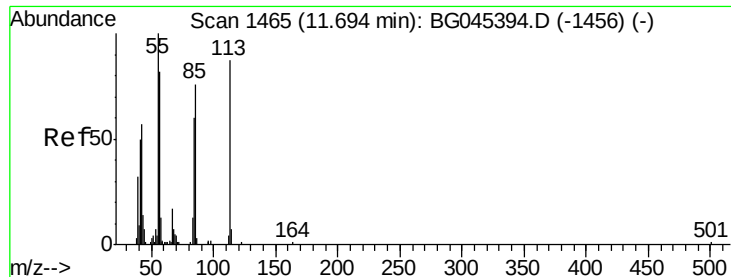
mohammad
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#34
Hexachlorobutadiene
Concen: 47.649 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.5	49.1	73.7		
227	64.4	52.0	78.0		





#35

Caprolactam

Concen: 48.925 ng/ml

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampled :

SPMSD

Tot Ion:113 Resp: 65970

Ion Ratio Lower Upper

113 100

55 127.7 96.0 136.0

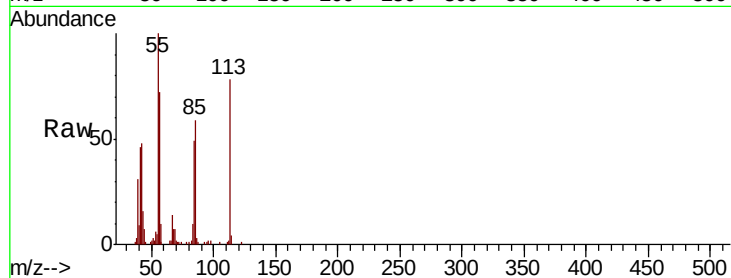
56 92.1 75.1 115.1

Manual Integrations

APPROVED

mohammad

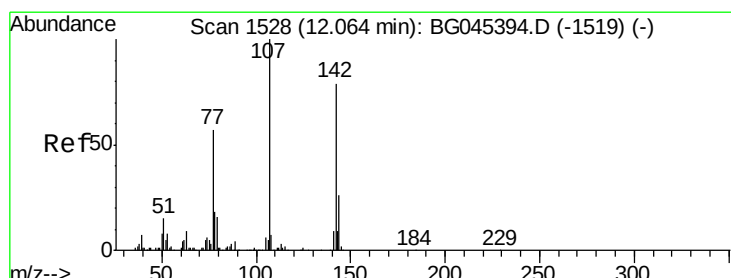
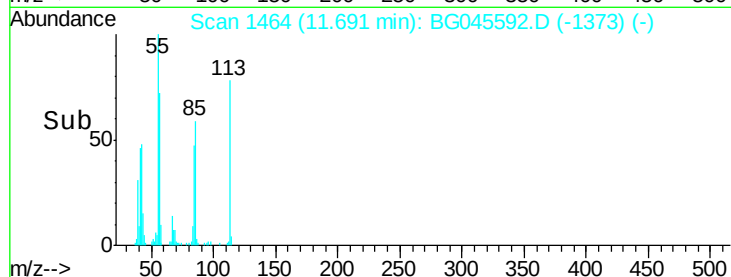
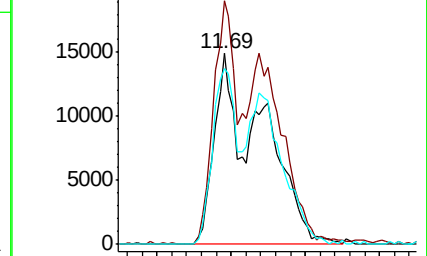
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.230 ng/ml

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

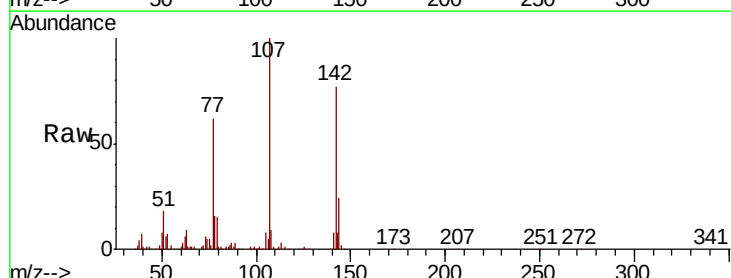
Tgt Ion:107 Resp: 212067

Ion Ratio Lower Upper

107 100

144 24.0 20.8 31.2

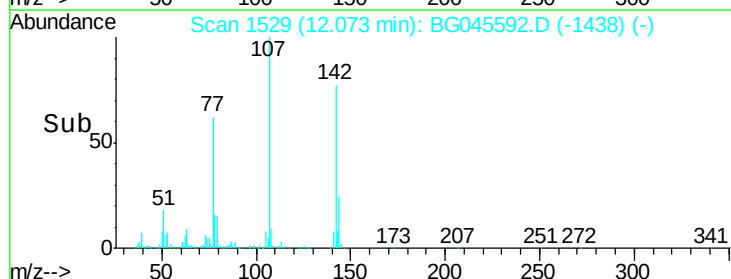
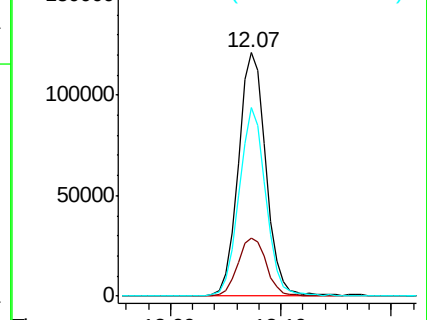
142 77.5 62.8 94.2

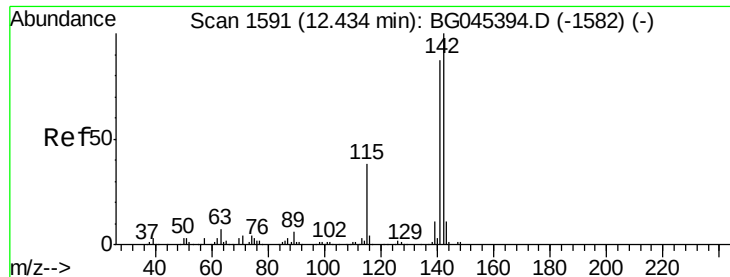


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





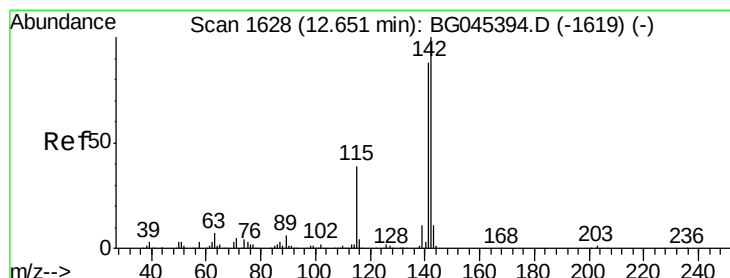
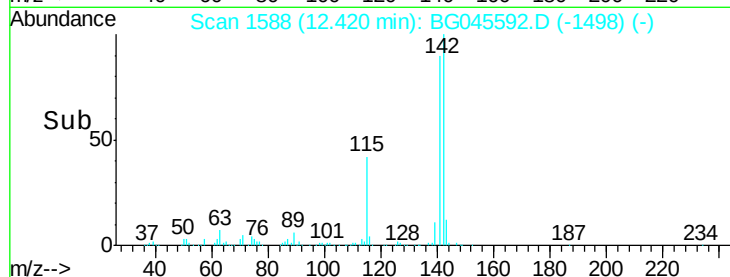
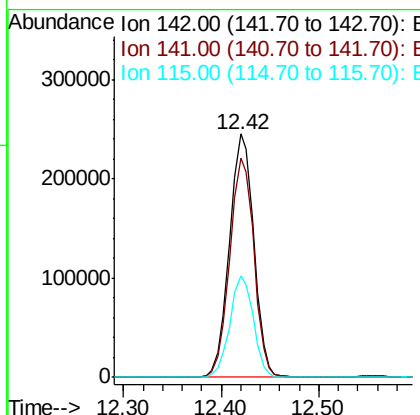
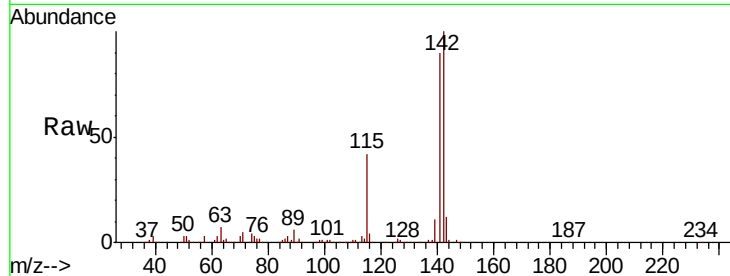
#37
2-Methylnaphthalene
Concen: 49.121 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.0	105.0
115	41.6	30.8	46.2

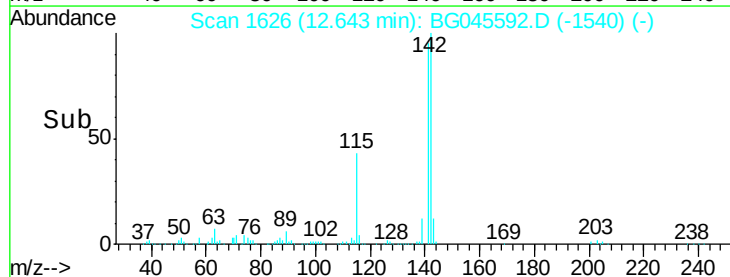
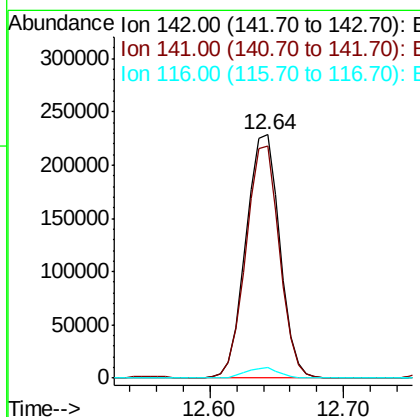
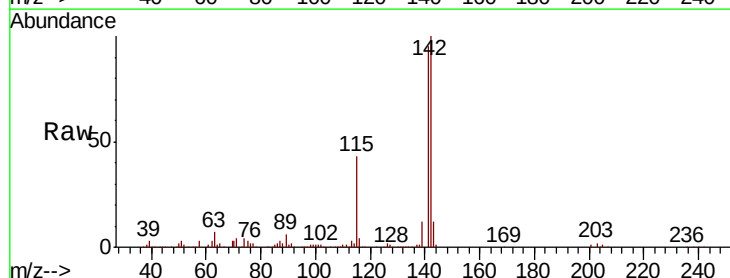
Manual Integrations
APPROVED

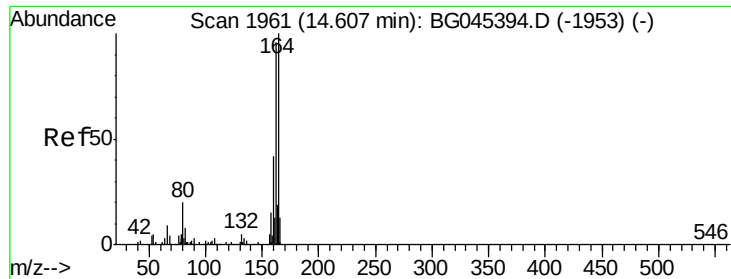
mohammad
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#38
1-Methylnaphthalene
Concen: 48.886 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	70.8	106.2
116	4.4	3.0	4.6





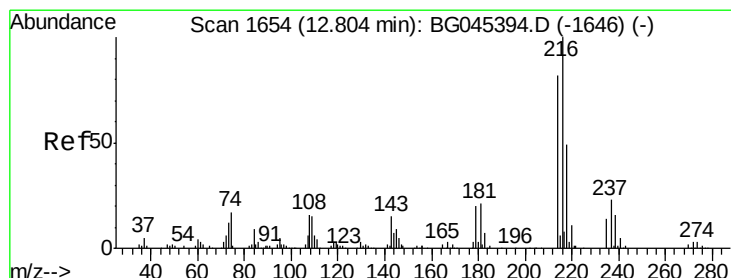
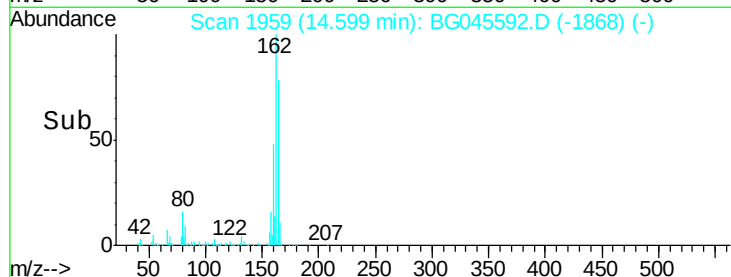
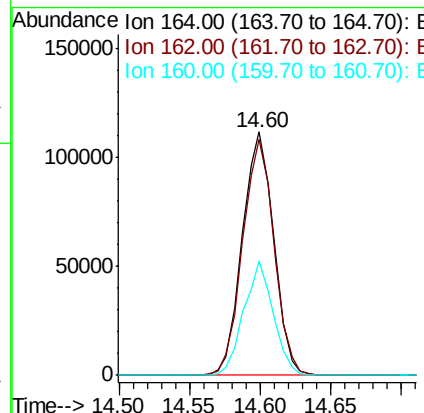
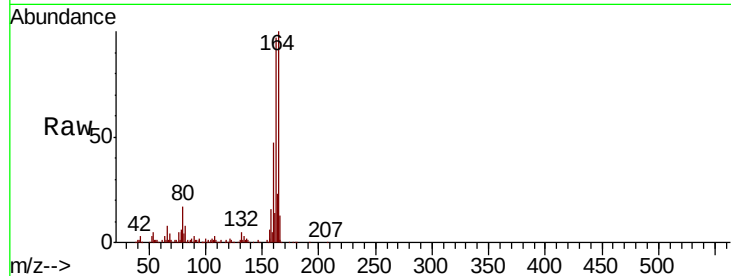
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.9	115.3
160	46.9	33.8	50.8

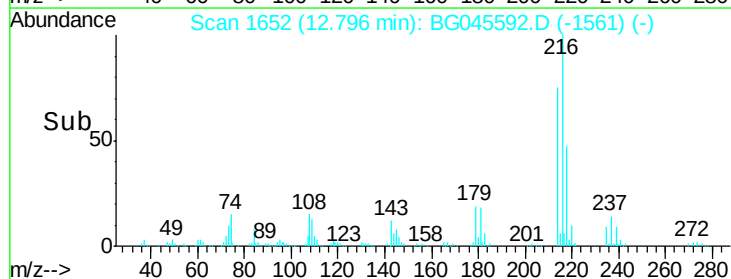
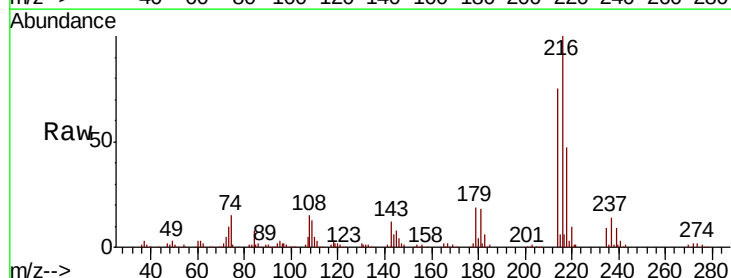
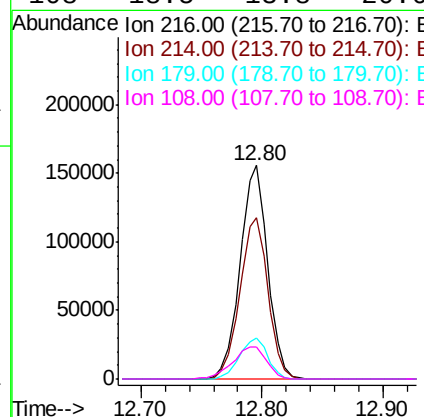
Manual Integrations
APPROVED

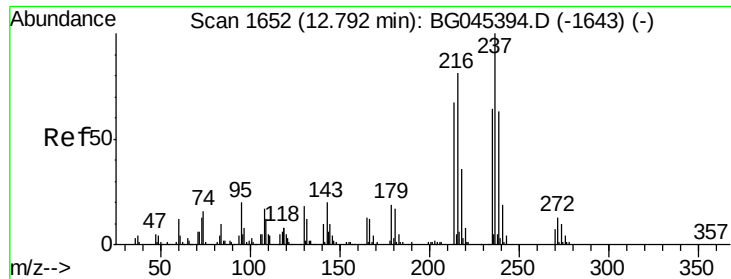
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.825 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.7	95.5
179	19.6	16.1	24.1
108	18.5	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 95.610 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

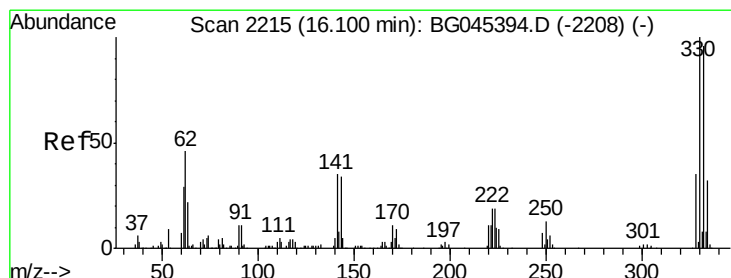
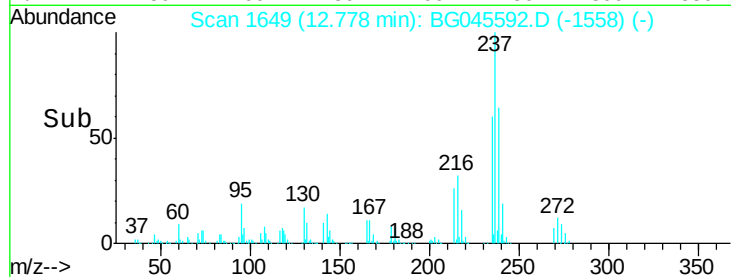
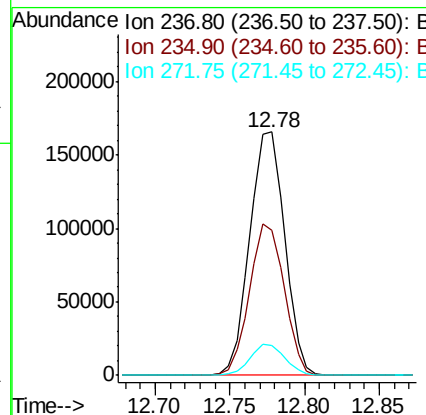
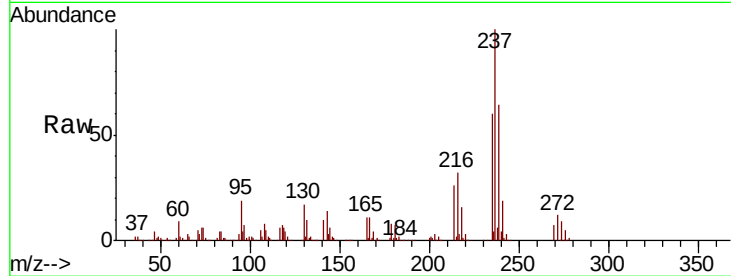
ClientSampleId :

SPMSD

Tot Ion:	237	Resp:	268244
Ion Ratio	Lower	Upper	
237	100		
235	59.7	44.4	84.4
272	12.3	0.0	32.5

Manual Integrations
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6/4/2020 12:11:33 PM



#42

2,4,6-Tribromophenol

Concen: 133.593 ng

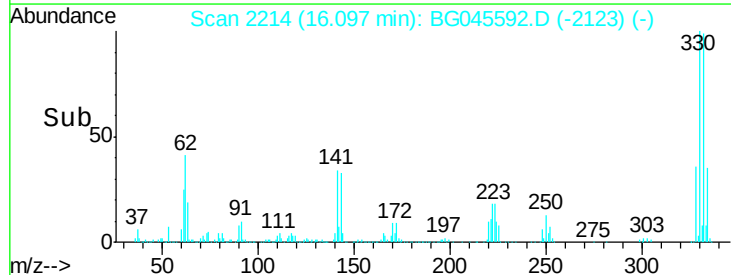
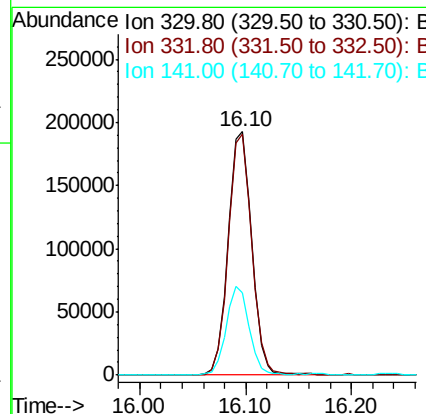
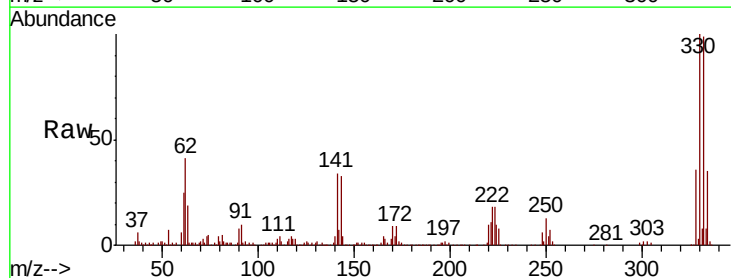
RT: 16.10 min Scan# 2214

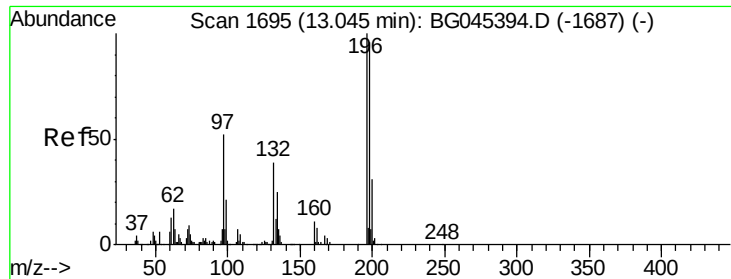
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	330	Resp:	297328
Ion Ratio	Lower	Upper	
330	100		
332	98.7	78.2	117.4
141	35.4	28.2	42.4





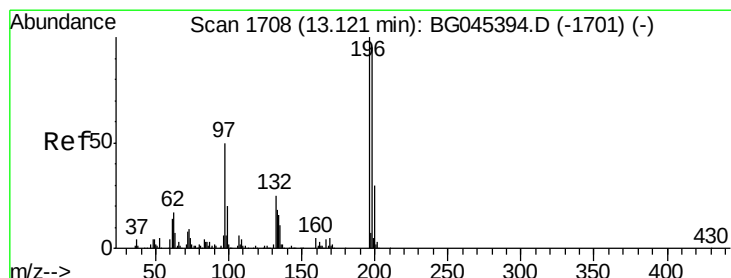
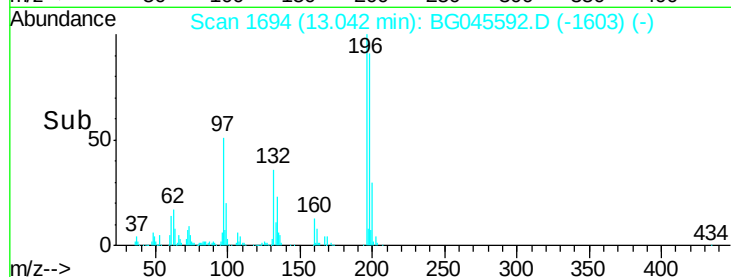
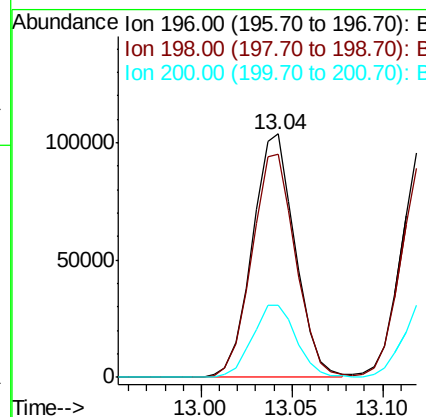
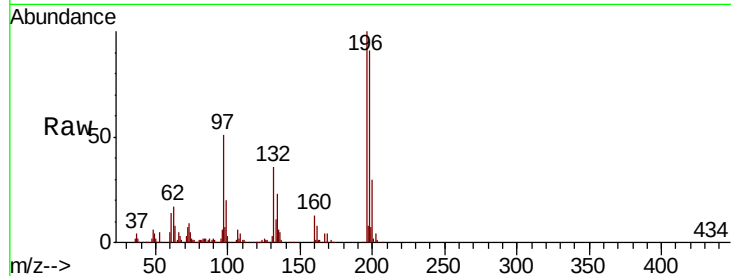
#43
 2,4,6-Trichlorophenol
 Concen: 50.525 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170606		
198	91.5	76.7	115.1	
200	29.7	24.9	37.3	

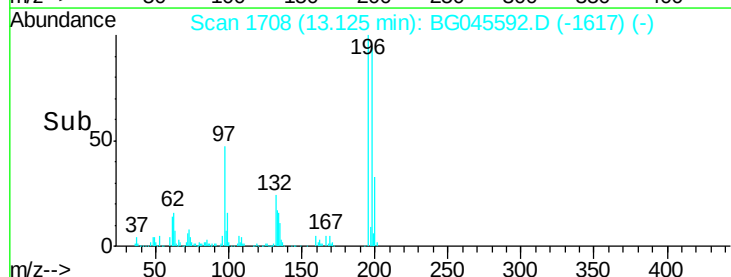
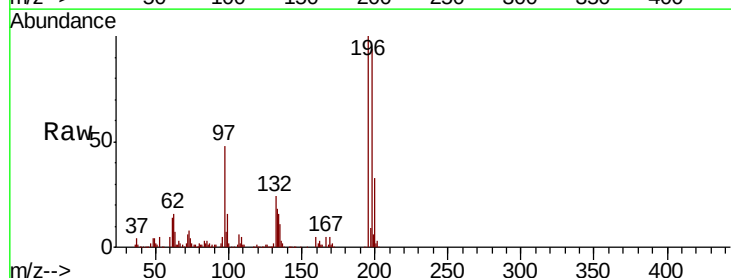
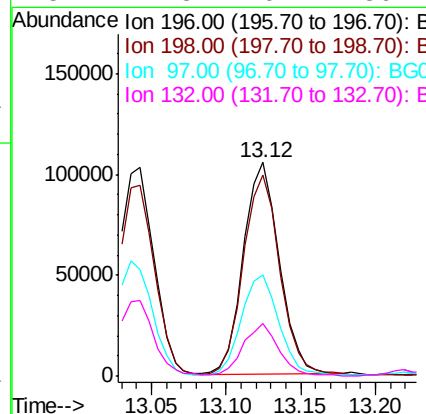
Manual Integrations
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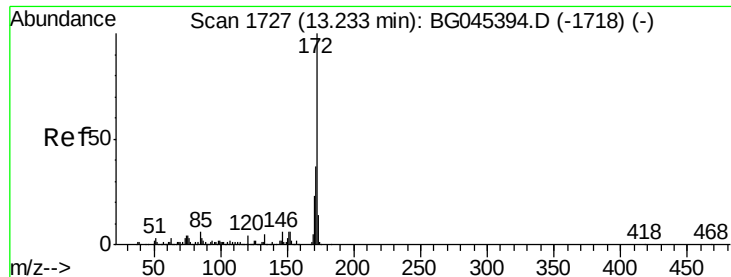
mohammad
 6/4/2020 12:11:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.657 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176175		
198	93.9	76.1	114.1	
97	47.6	40.0	60.0	
132	24.3	20.2	30.2	





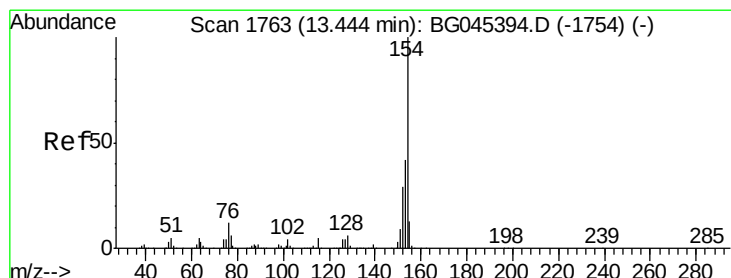
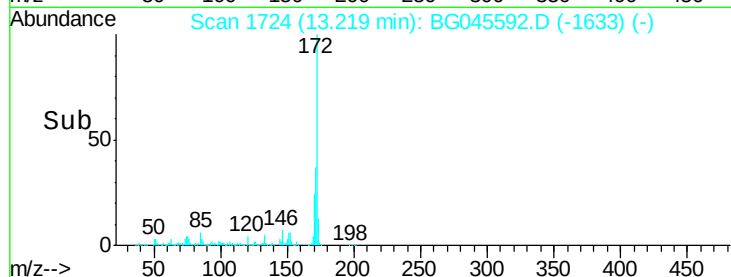
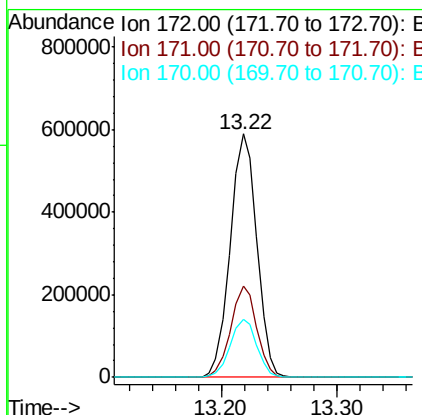
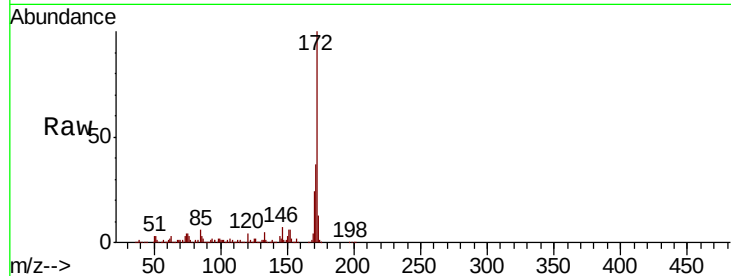
#45
2-Fluorobiphenyl
Concen: 91.630 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:	172	Resp:	940106
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.5	44.3
170	23.8	18.5	27.7

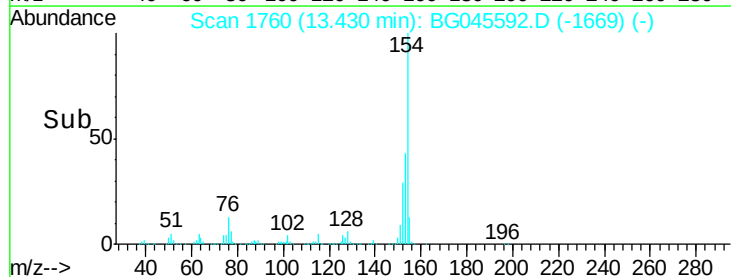
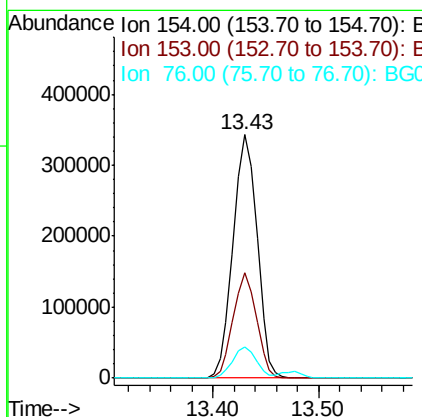
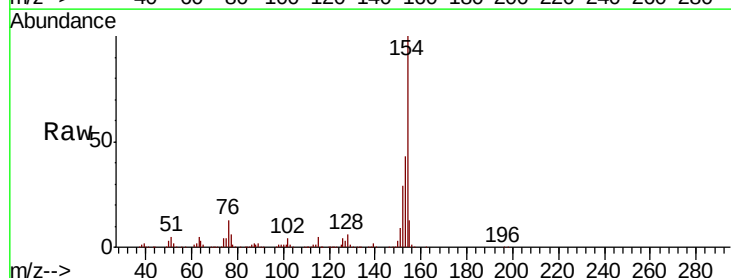
Manual Integrations
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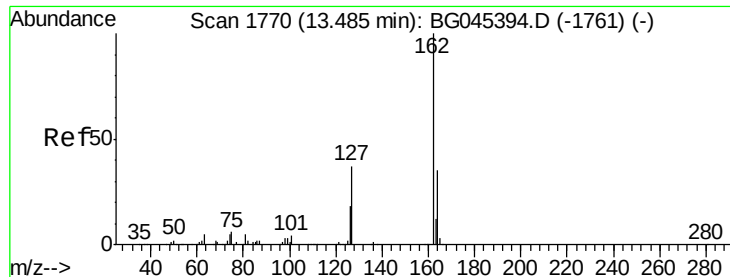
mohammad
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#46
1,1'-Biphenyl
Concen: 50.490 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:	154	Resp:	539906
Ion Ratio	Lower	Upper	
154	100		
153	43.1	22.2	62.2
76	12.7	0.0	32.4





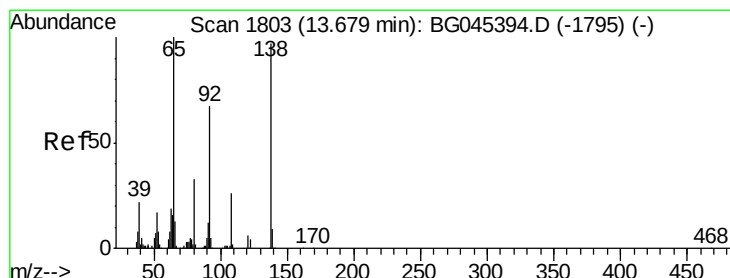
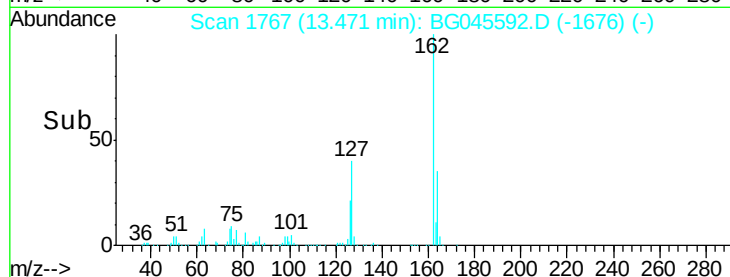
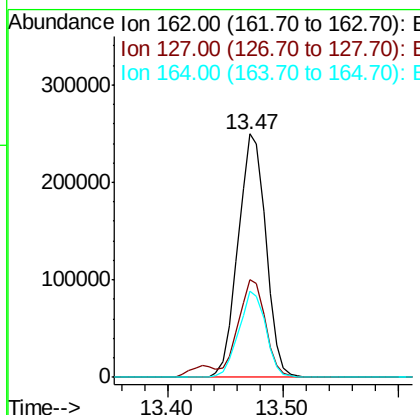
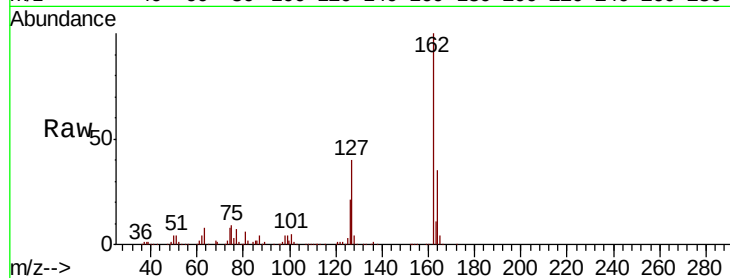
#47
2-Chloronaphthalene
Concen: 48.056 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.6	47.4
164	35.2	28.1	42.1

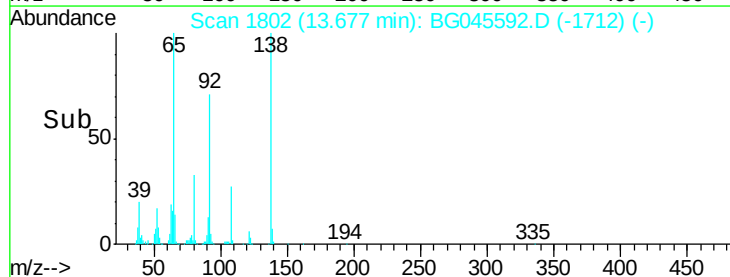
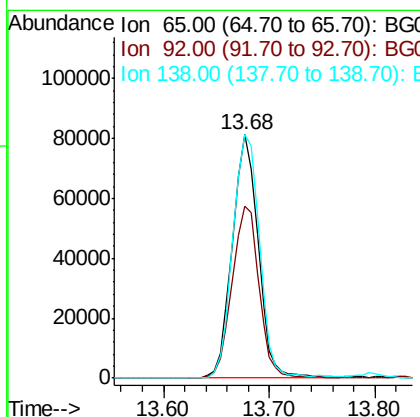
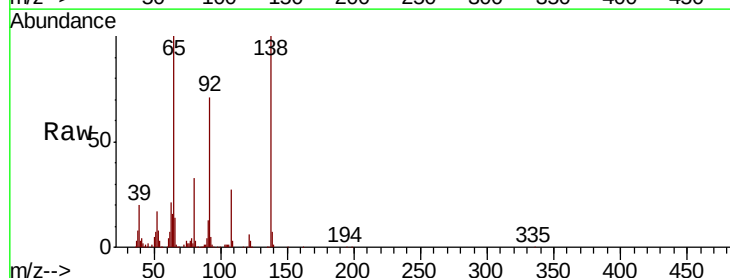
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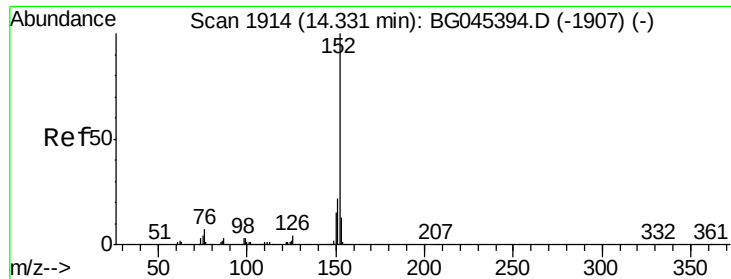
mohammad
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#48
2-Nitroaniline
Concen: 48.211 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.8	80.8
138	100.1	77.9	116.9





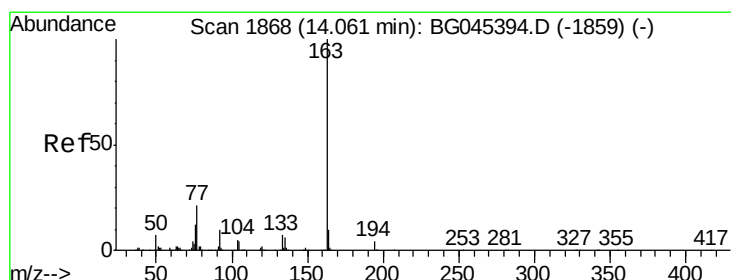
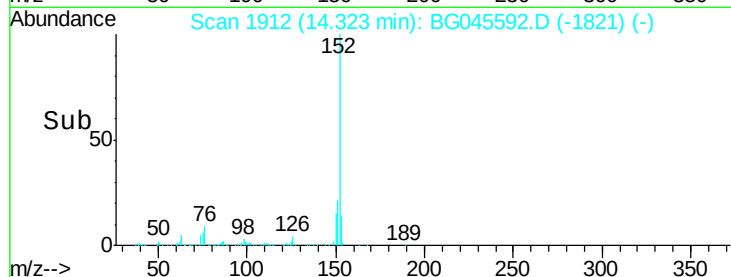
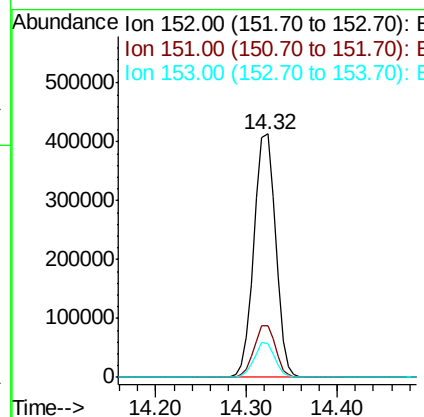
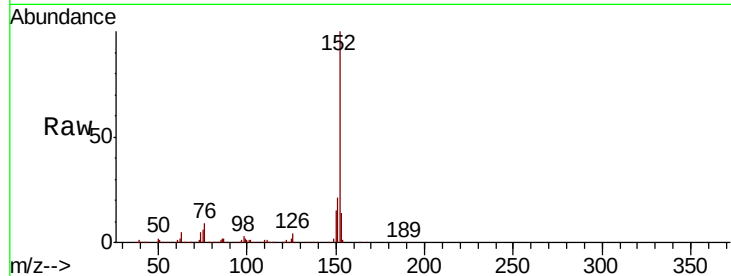
#49
Acenaphthylene
Concen: 49.359 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	688434		
151	21.4		17.4	26.2
153	13.8		10.7	16.1

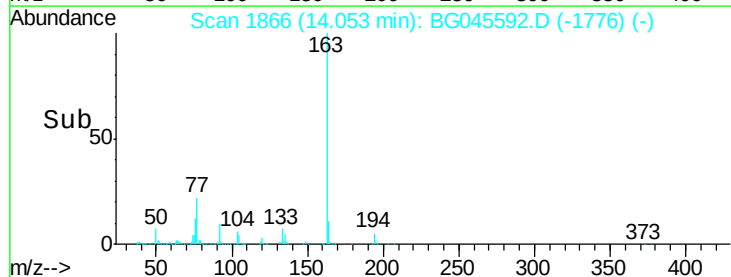
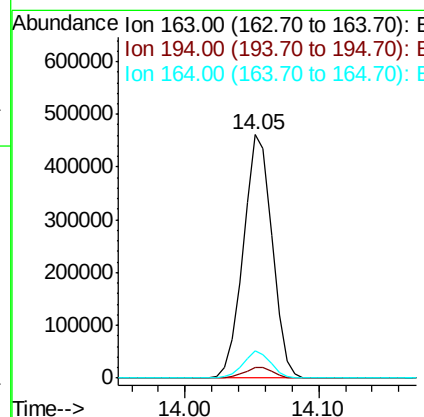
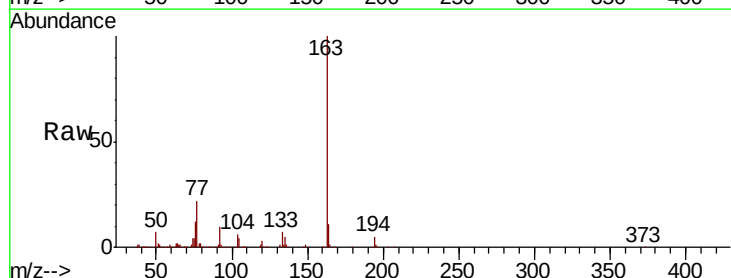
Manual Integrations
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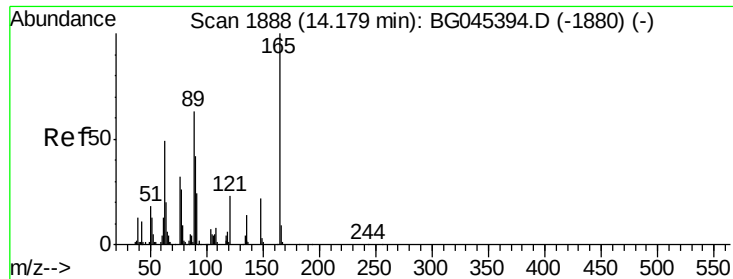
mohammad
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#50
Dimethylphthalate
Concen: 57.276 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	683773		
194	4.6		3.2	4.8
164	11.0		8.3	12.5





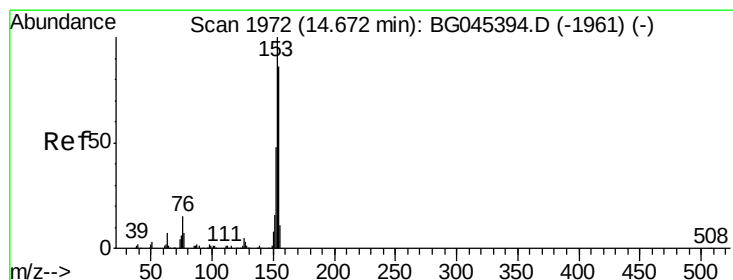
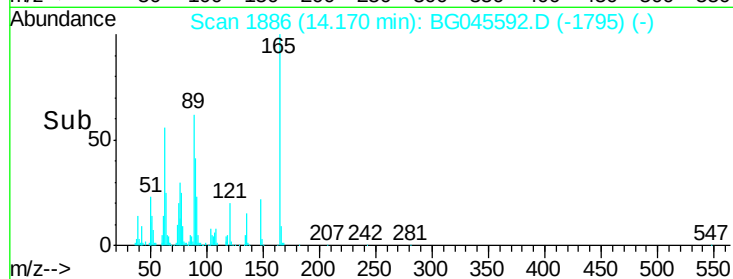
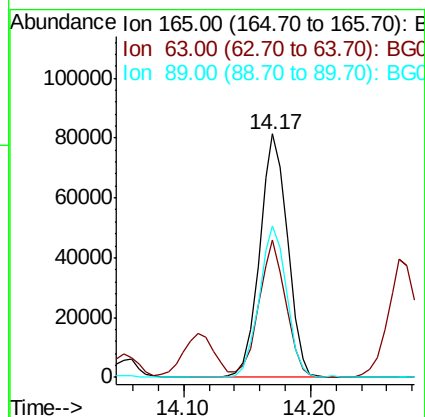
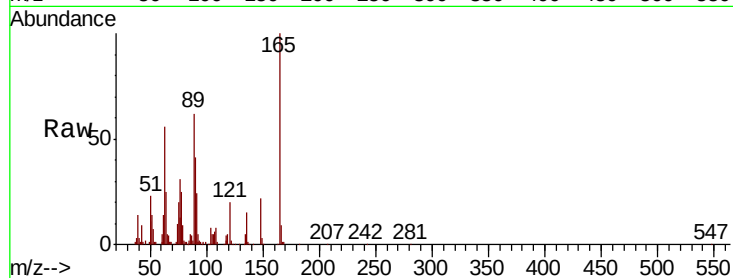
#51
2,6-Dinitrotoluene
Concen: 46.164 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:	165	Resp:	124360
Ion Ratio	Lower	Upper	
165	100		
63	56.2	45.0	67.4
89	62.1	50.2	75.4

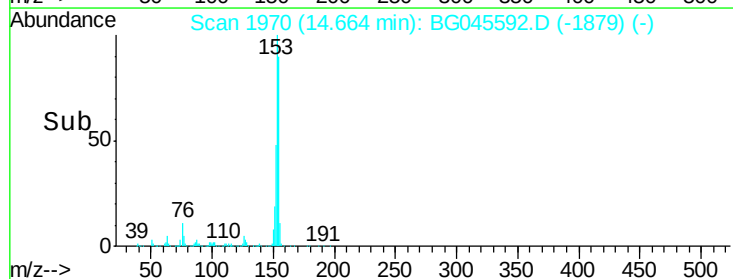
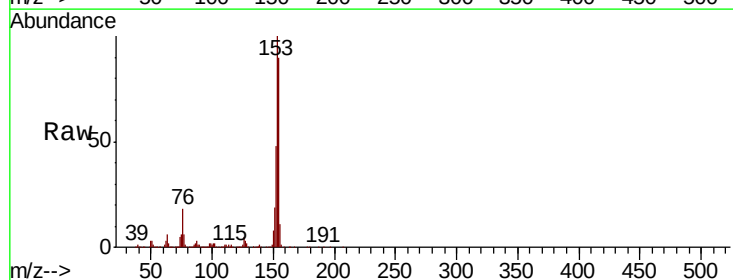
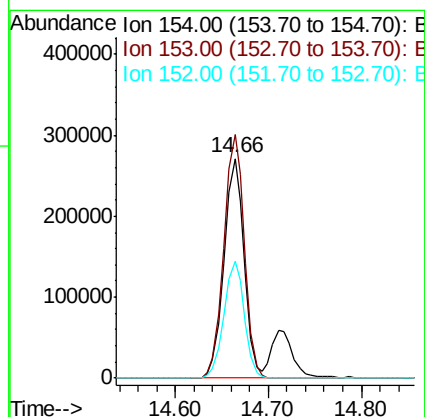
Manual Integrations
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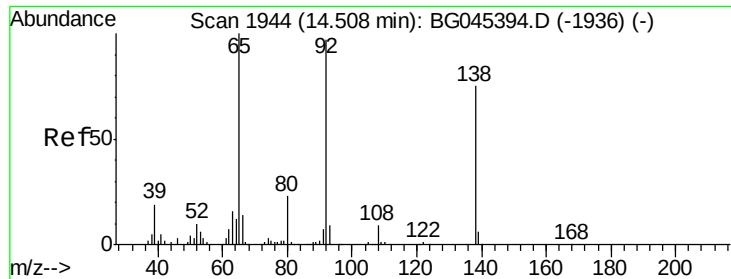
mohammad
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#52
Acenaphthene
Concen: 53.721 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:	154	Resp:	501551
Ion Ratio	Lower	Upper	
154	100		
153	110.8	92.8	139.2
152	53.4	44.6	66.8





#53

3-Nitroaniline

Concen: 24.862 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

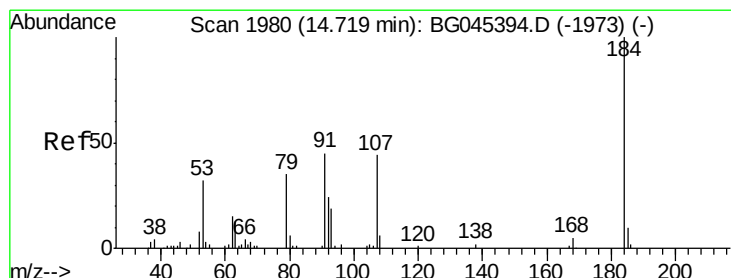
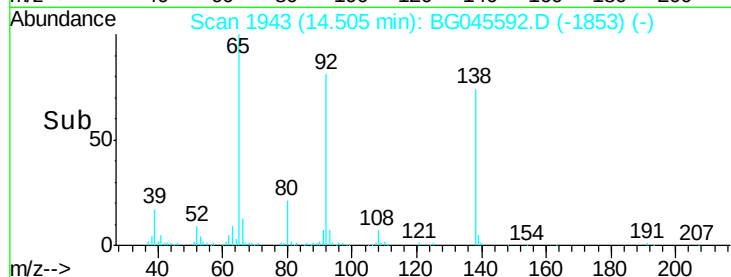
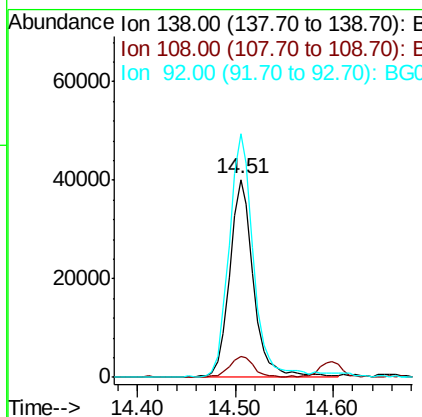
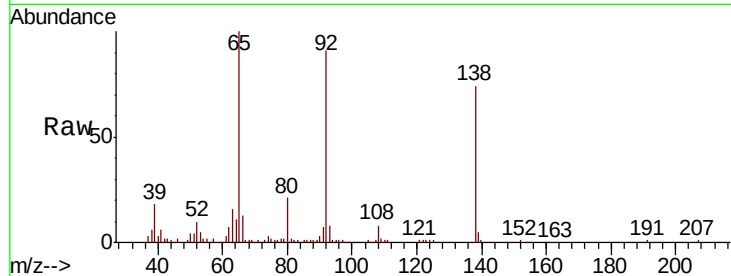
ClientSampleId :

SPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.8	14.6
92	123.2	103.0	154.4

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#54

2,4-Dinitrophenol

Concen: 82.211 ng

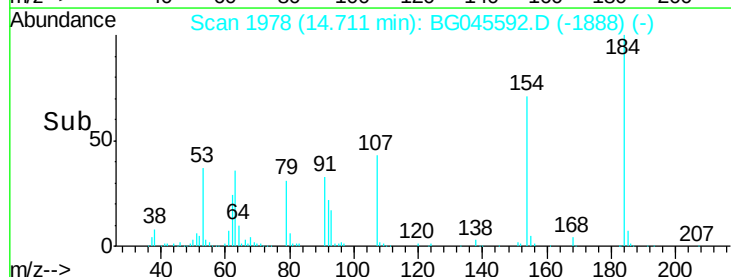
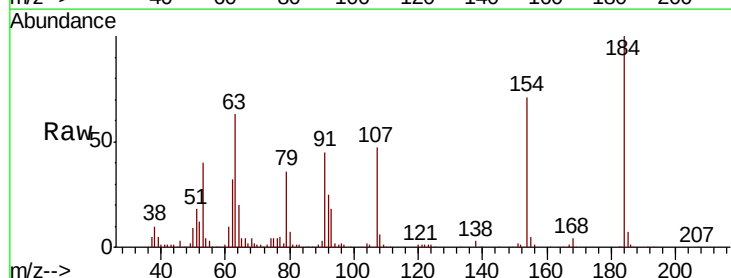
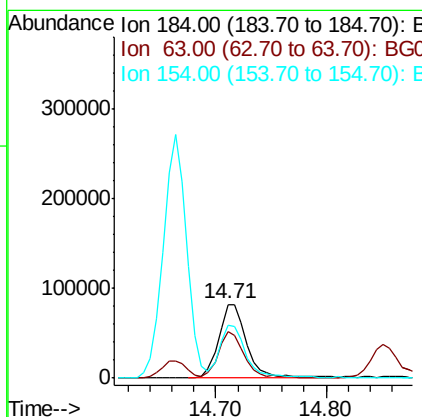
RT: 14.71 min Scan# 1978

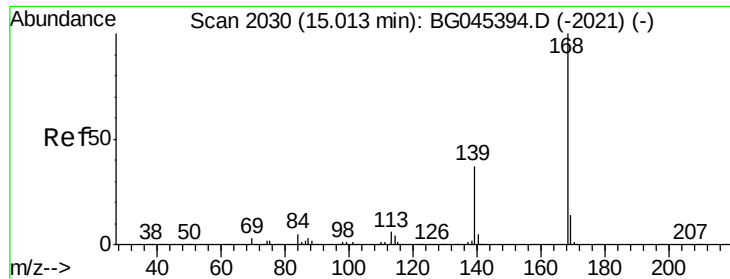
Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	47.8	71.6
154	71.0	58.3	87.5





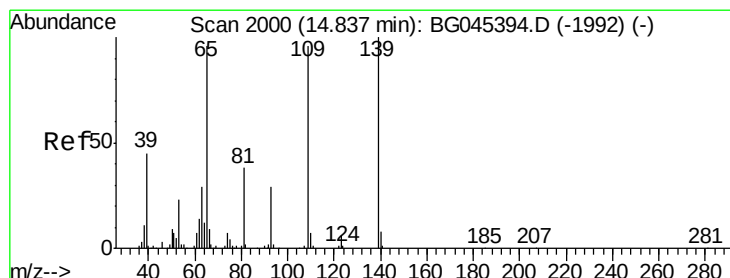
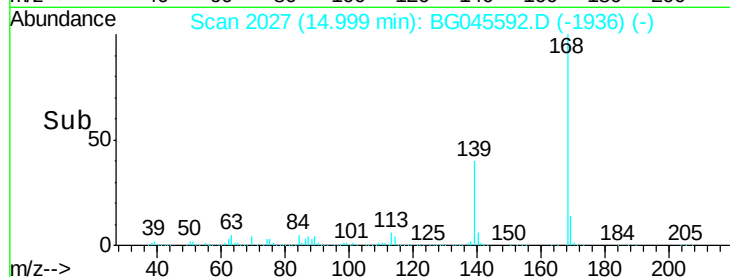
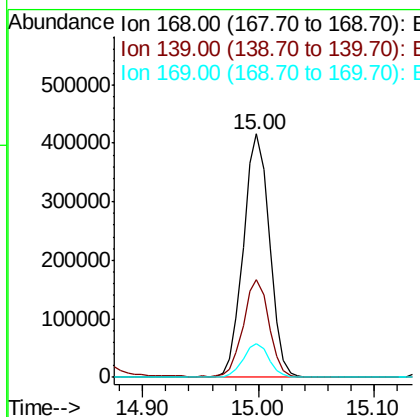
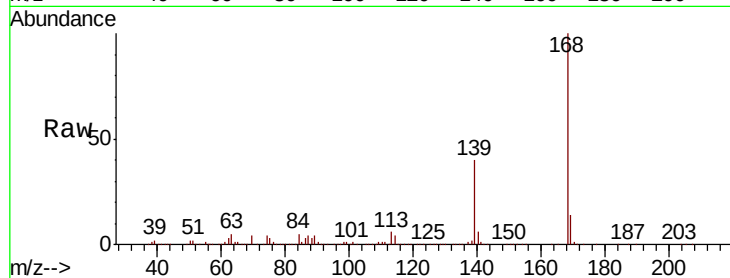
#55
Dibenzofuran
Concen: 47.314 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	29.9	44.9
169	14.0	10.9	16.3

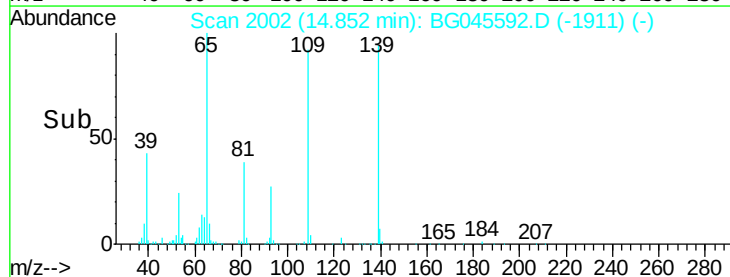
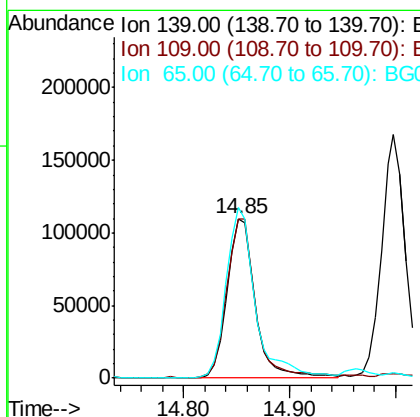
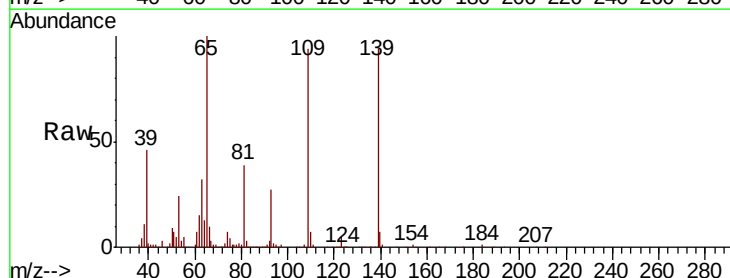
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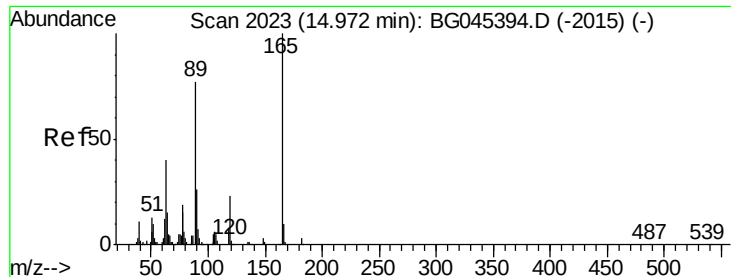
mohammad
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#56
4-Nitrophenol
Concen: 97.459 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.9	75.6	115.6
65	106.8	76.8	116.8





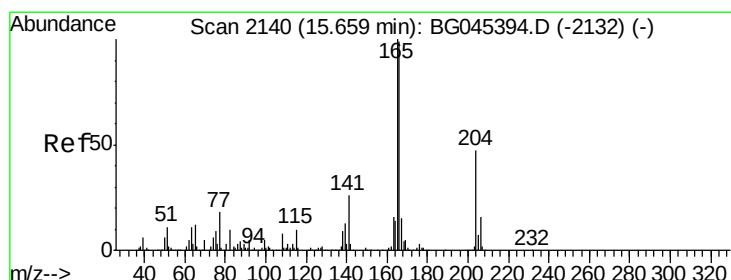
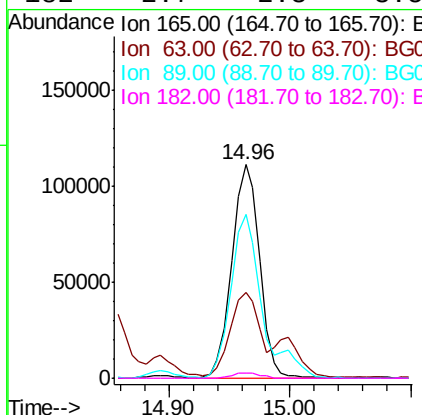
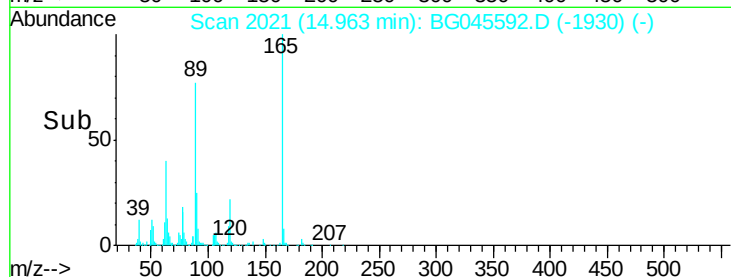
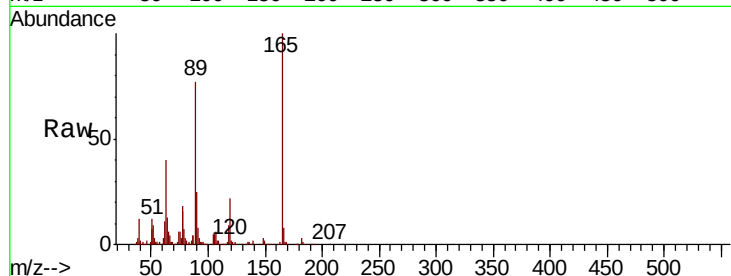
#57
2,4-Dinitrotoluene
Concen: 45.895 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179054		
63	40.1	32.5	48.7		
89	77.0	61.8	92.6		
182	2.7	2.3	3.5		

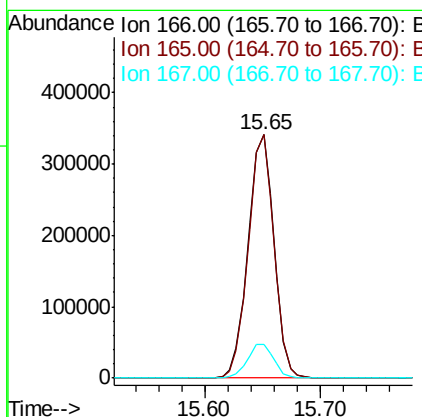
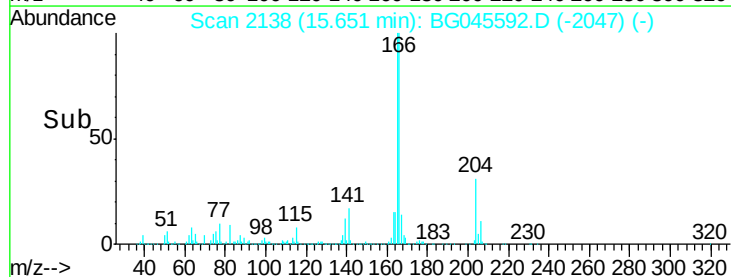
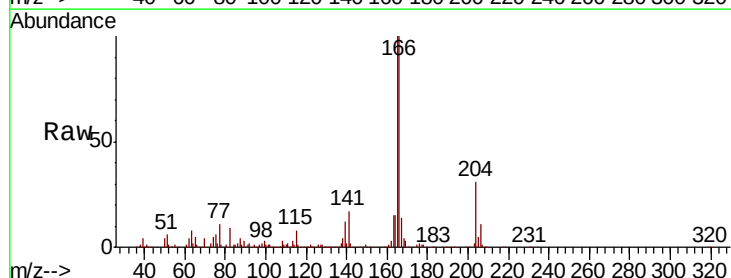
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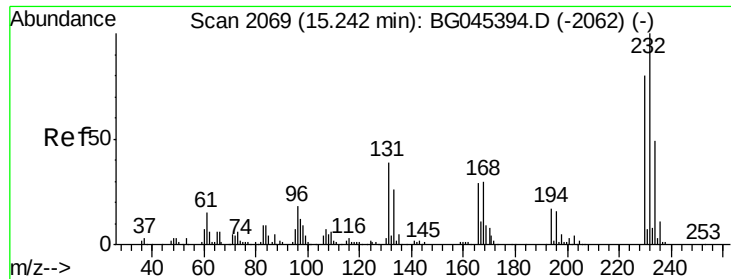
mohammad
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#58
Fluorene
Concen: 46.928 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		534526		
165	100.1	80.8	121.2		
167	14.1	12.0	18.0		





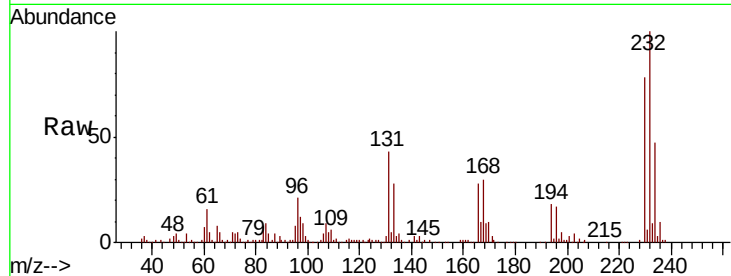
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.964 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		169615		
131	40.7	33.7	50.5		
130	2.9	2.1	3.1		
166	28.6	23.2	34.8		

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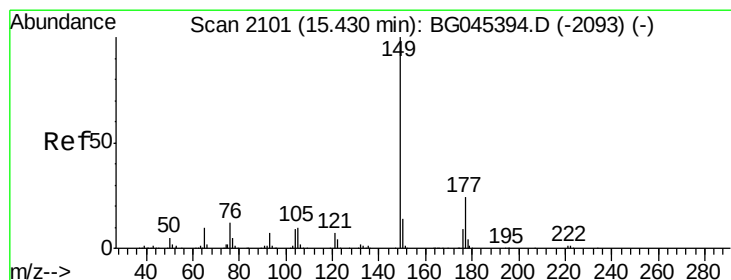
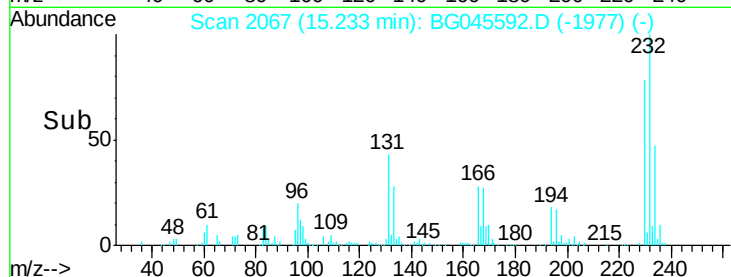
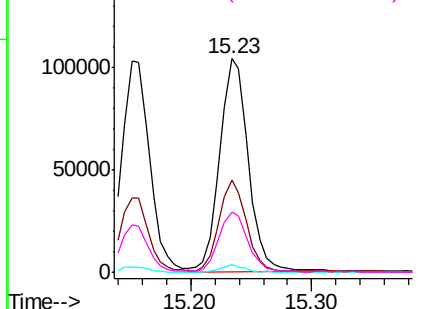
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

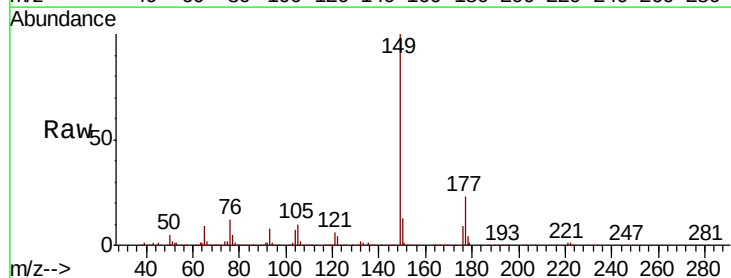
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.206 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		561720		
177	22.9	19.0	28.4		
150	13.2	11.4	17.0		

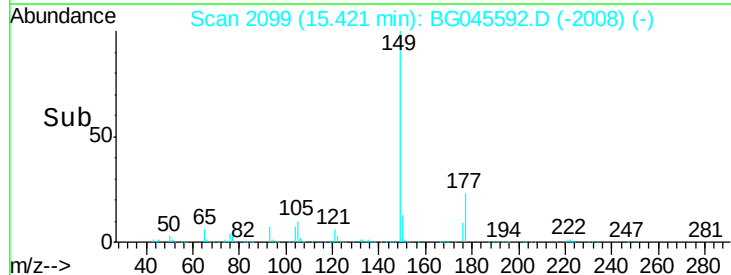
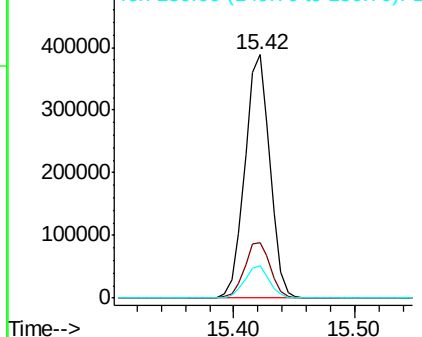


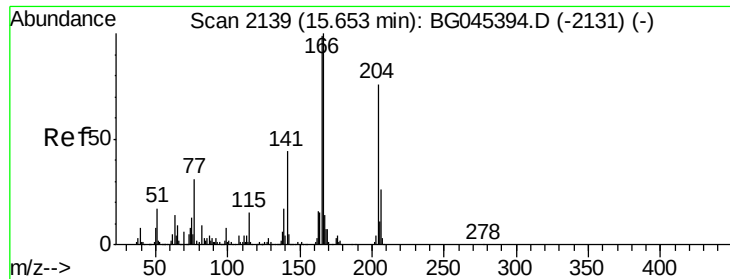
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





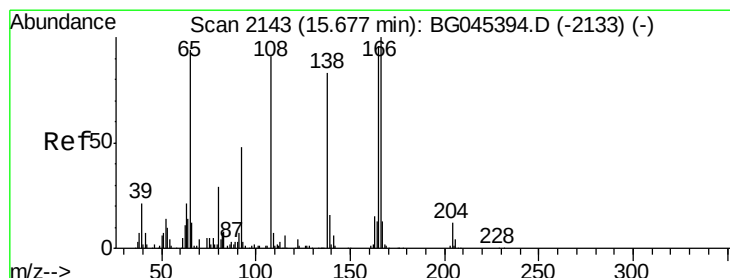
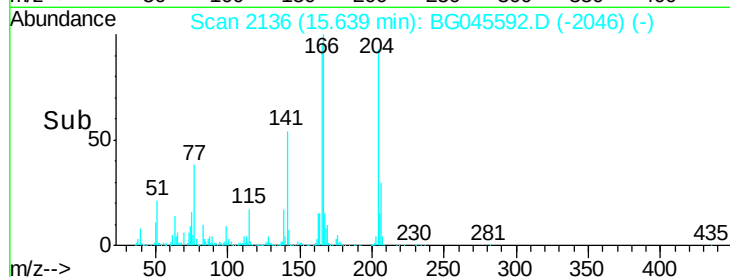
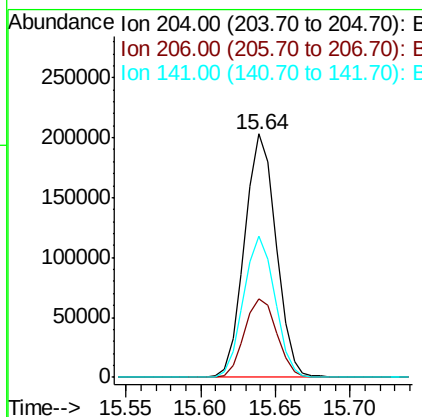
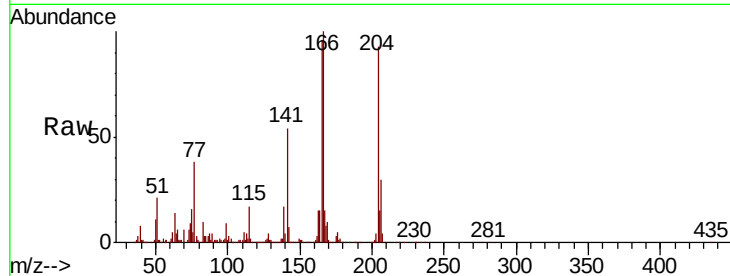
#61
4-Chlorophenyl-phenylether
Concen: 45.454 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	296267		
206	32.4		27.3	40.9
141	57.9		45.9	68.9

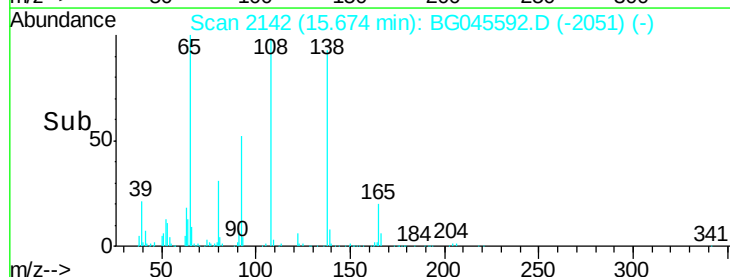
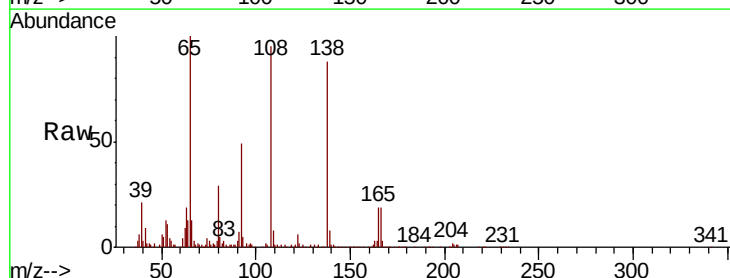
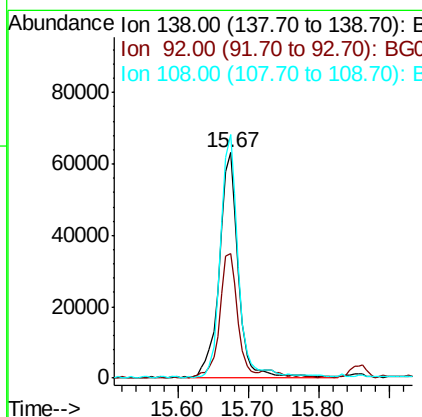
Manual Integrations
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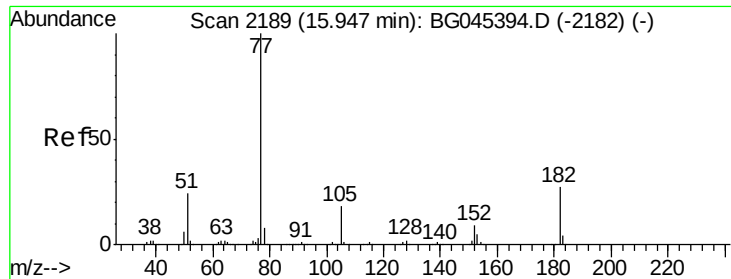
mohammad
6/4/2020 12:11:33 PM



#62
4-Nitroaniline
Concen: 41.186 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	117742		
92	55.4		38.0	78.0
108	108.2		89.3	129.3





#63

Azobenzene

Concen: 47.351 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

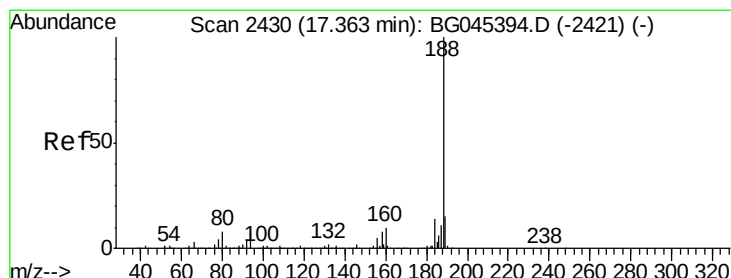
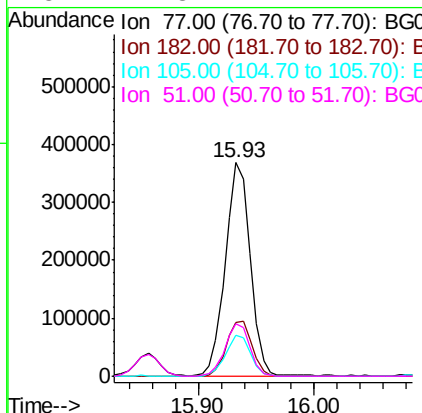
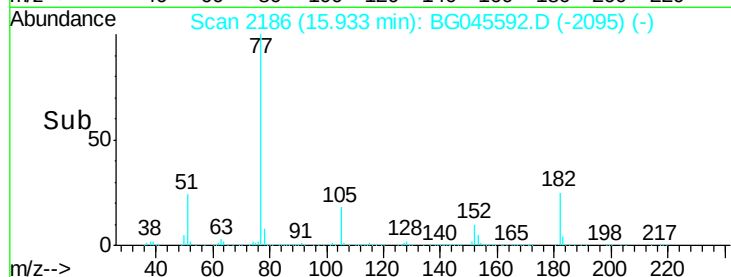
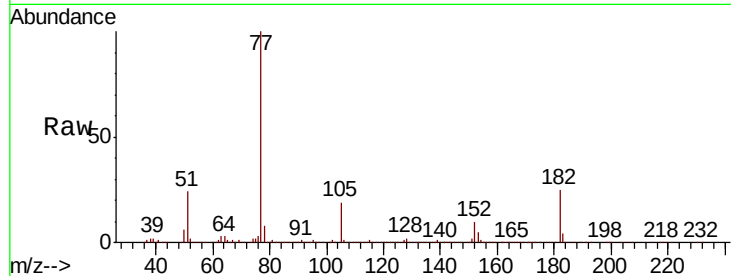
ClientSampled :

SPMSD

Tot Ion:	77	Resp:	548616
Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.5	46.5
105	19.0	0.0	37.9
51	24.3	4.1	44.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

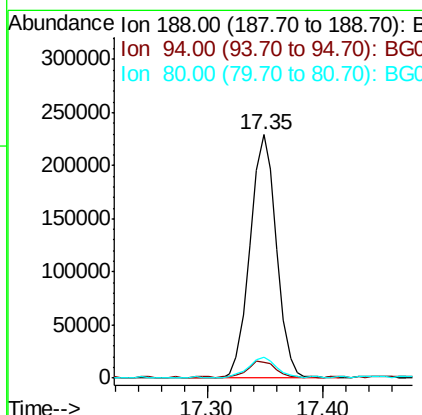
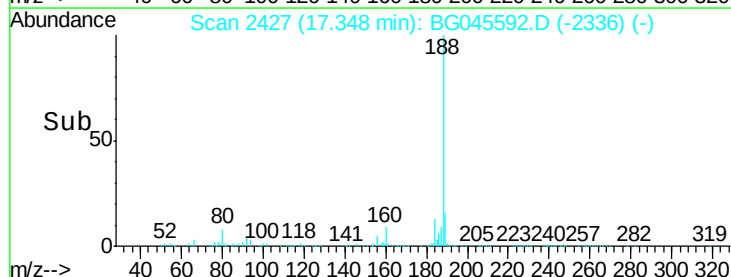
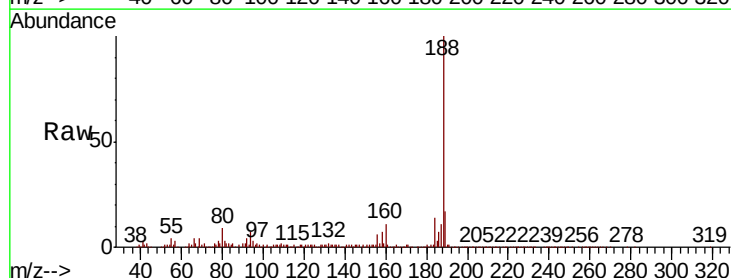
RT: 17.35 min Scan# 2427

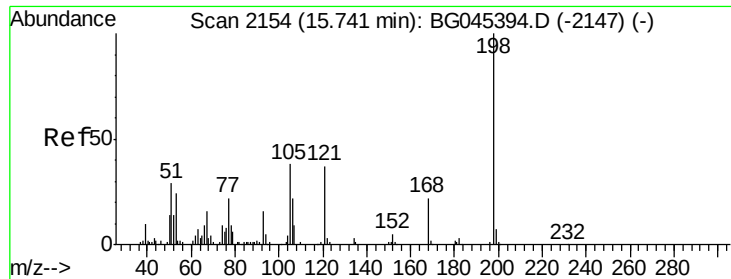
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	188	Resp:	366123
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	8.5	6.6	10.0





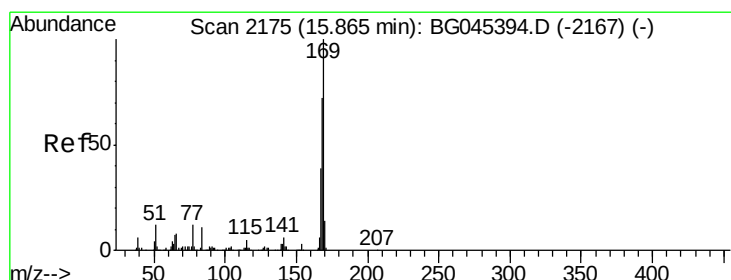
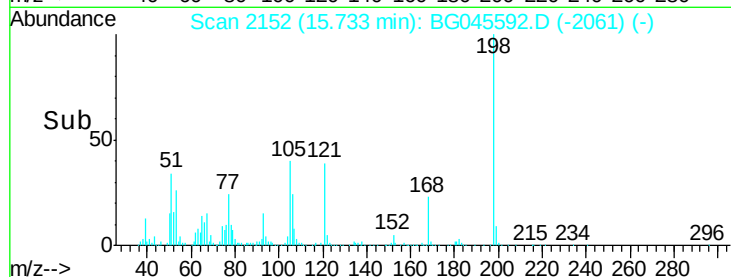
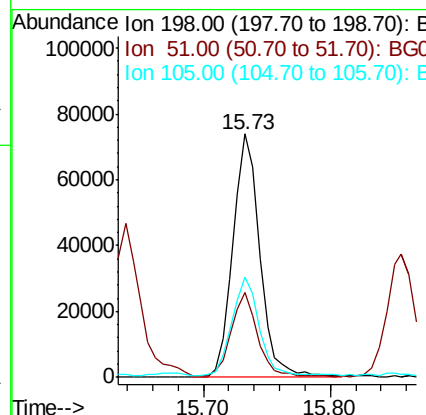
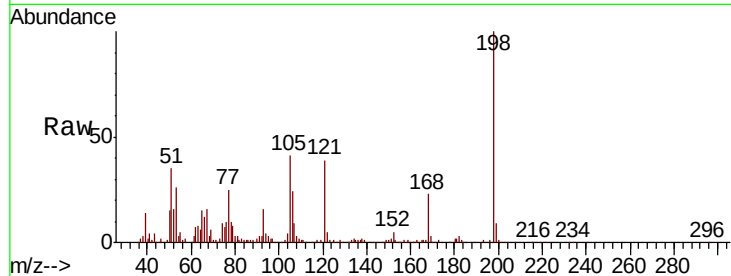
#65
4,6-Dinitro-2-methylphenol
Concen: 50.941 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	108621		
51	34.6	10.0	50.0	
105	41.2	18.9	58.9	

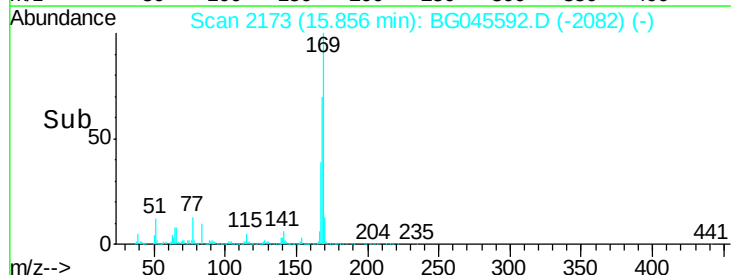
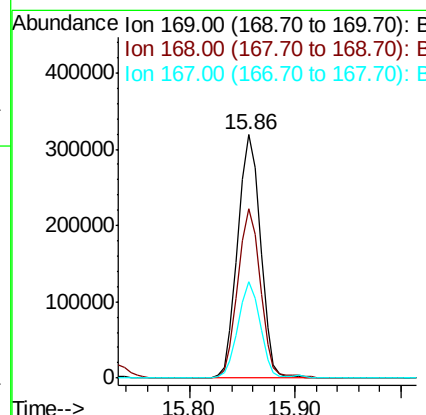
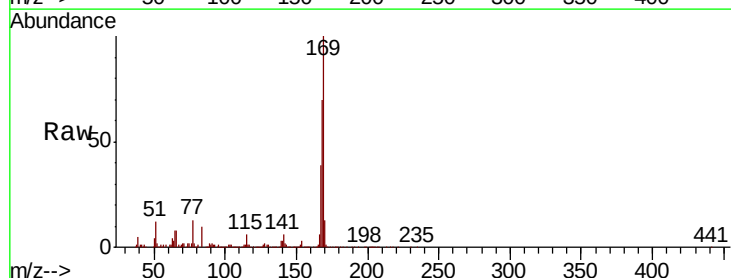
Manual Integrations
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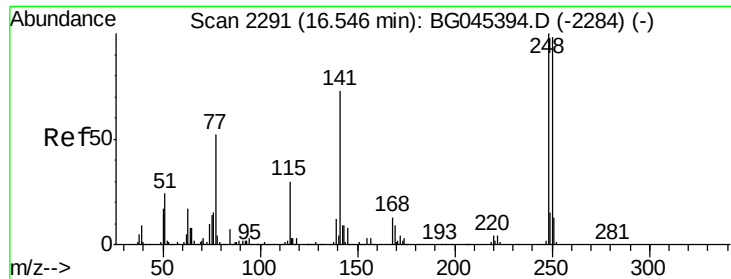
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 54.039 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	475036		
168	69.8	57.8	86.6	
167	39.5	31.5	47.3	





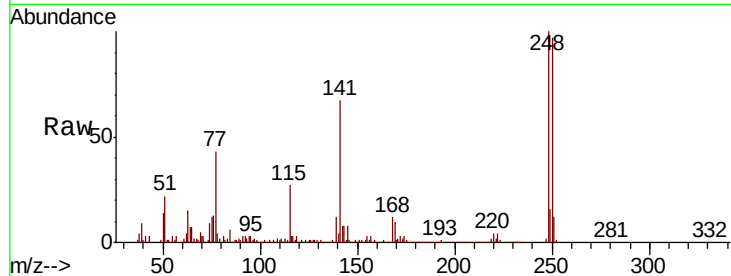
#67
4-Bromophenyl-phenylether
Concen: 50.230 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.6	117.8
141	66.6	58.2	87.2

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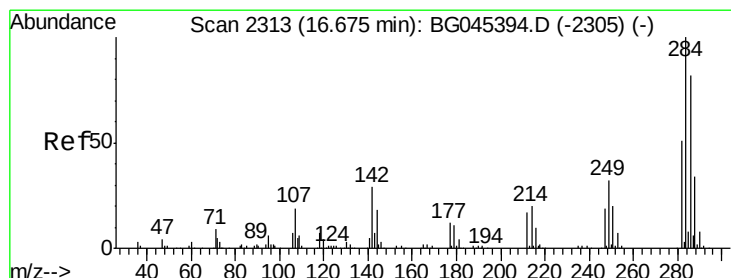
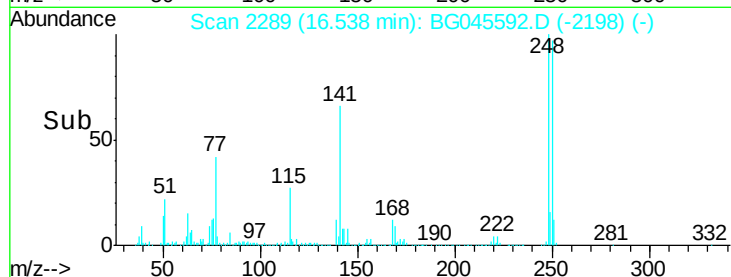
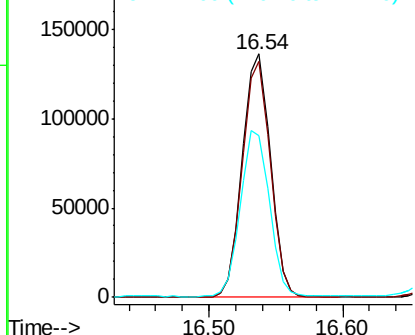


Abundance

Ion 248.00 (247.70 to 248.70): E

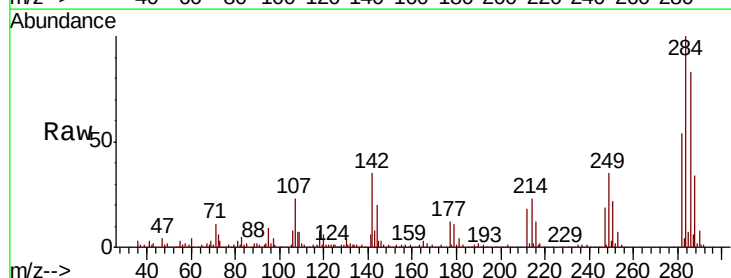
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 50.925 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	23.0	34.6#
249	34.9	25.8	38.6

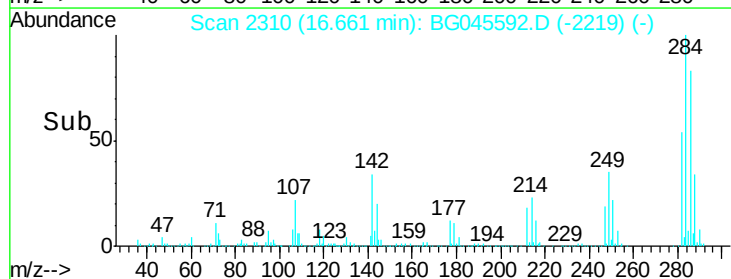
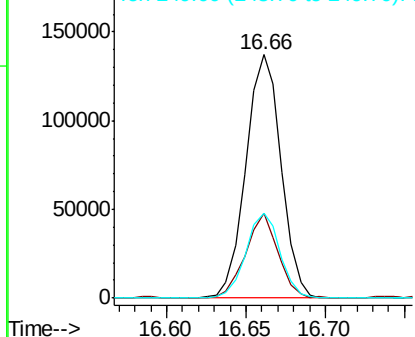


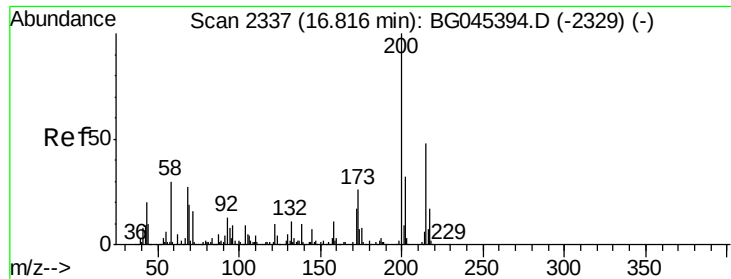
Abundance

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





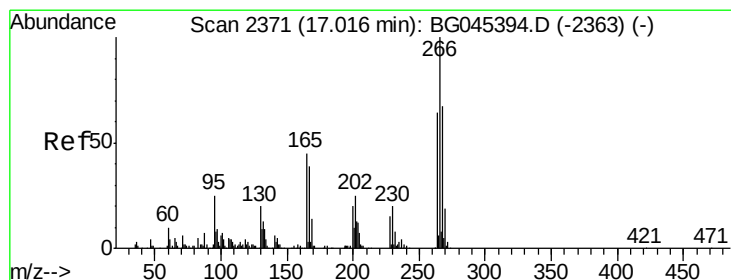
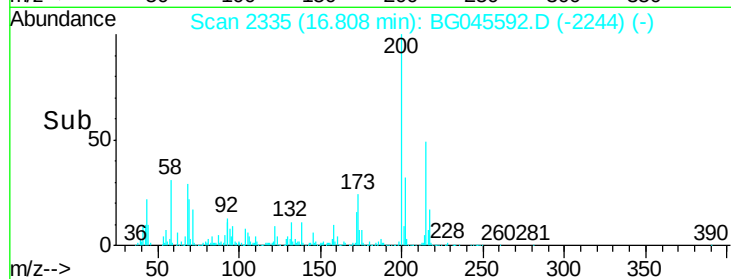
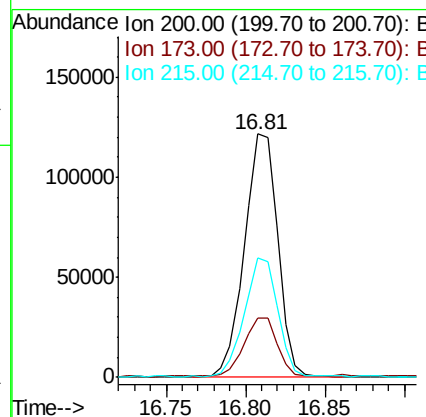
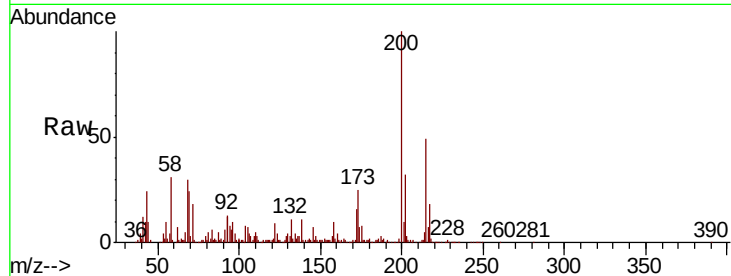
#69
Atrazine
Concen: 49.164 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	5.5	45.5
215	49.1	28.2	68.2

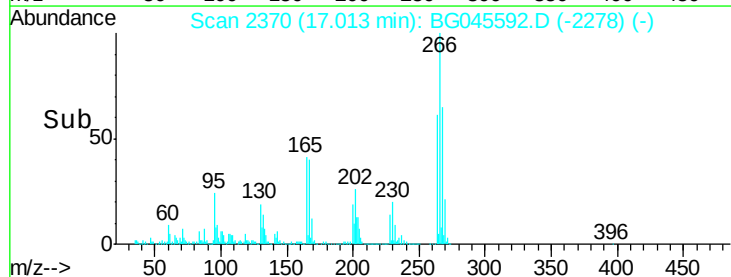
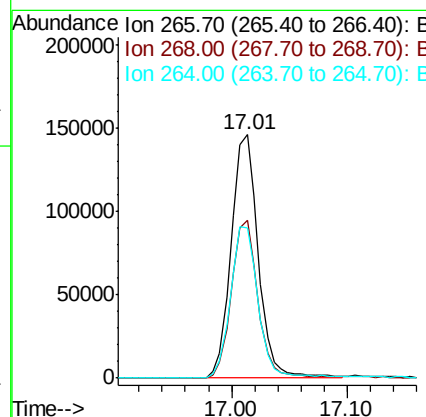
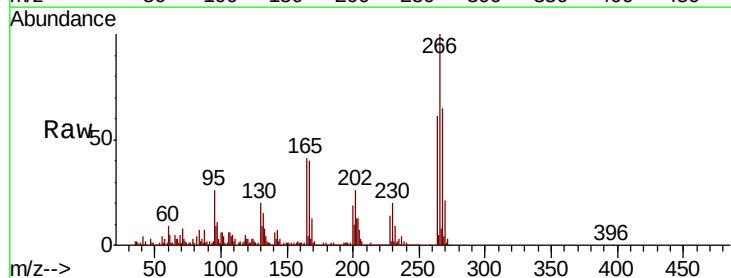
Manual Integrations
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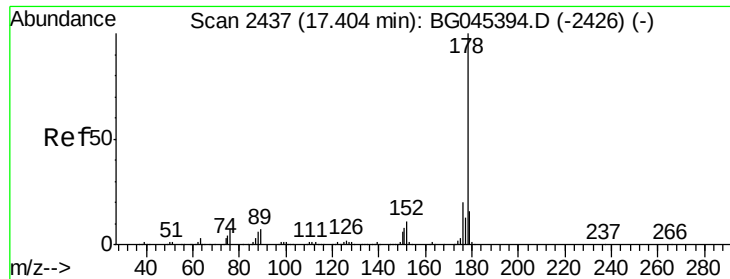
mohammad
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#70
Pentachlorophenol
Concen: 110.486 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	53.2	79.8
264	61.5	51.0	76.4





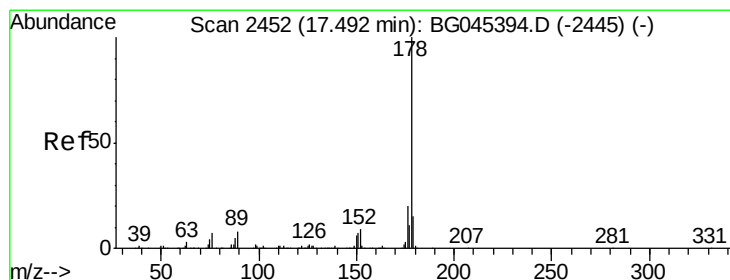
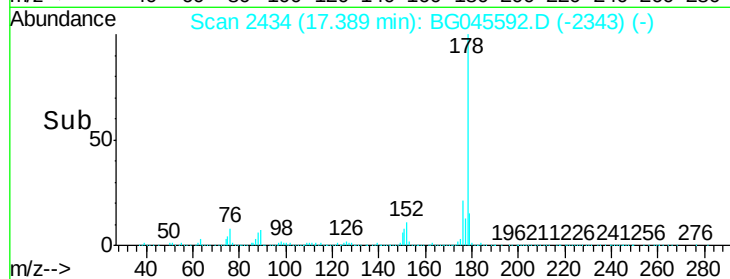
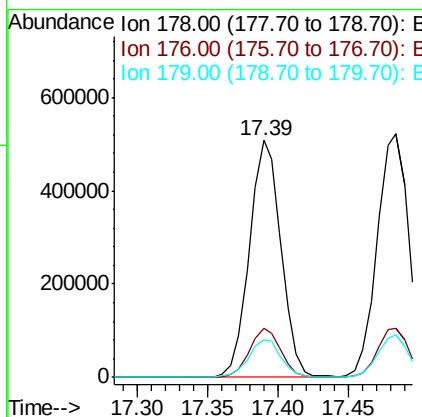
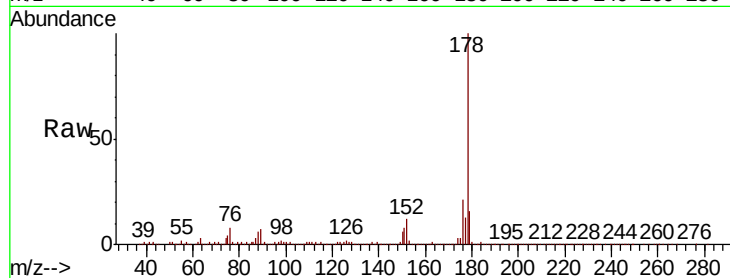
#71
Phenanthrene
Concen: 49.836 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		796546		
176	20.8	16.2	24.4		
179	16.1	13.1	19.7		

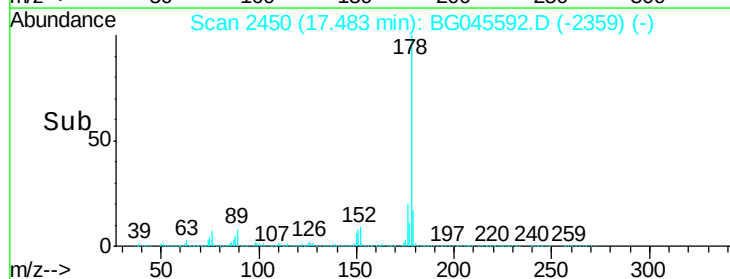
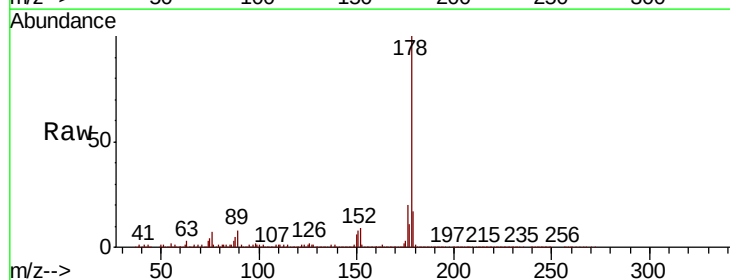
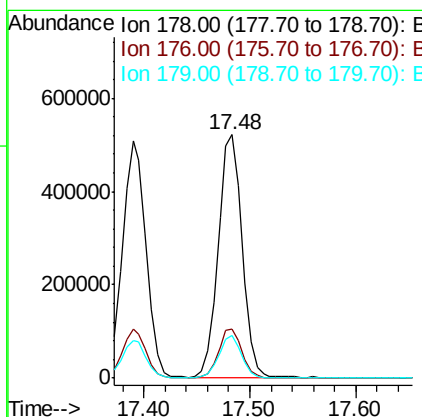
Manual Integrations
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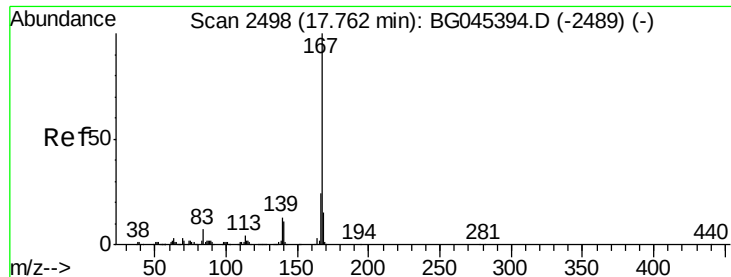
mohammad
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#72
Anthracene
Concen: 51.233 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		822343		
176	20.1	15.8	23.6		
179	17.3	12.2	18.4		





#73

Carbazole

Concen: 47.192 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

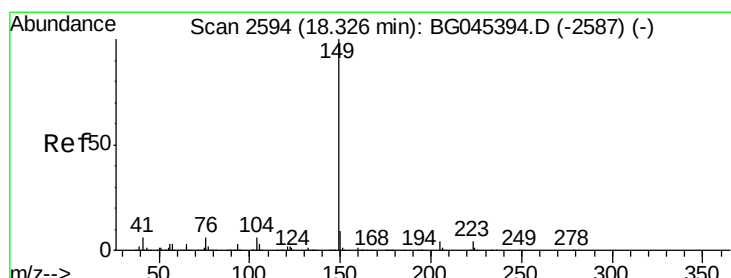
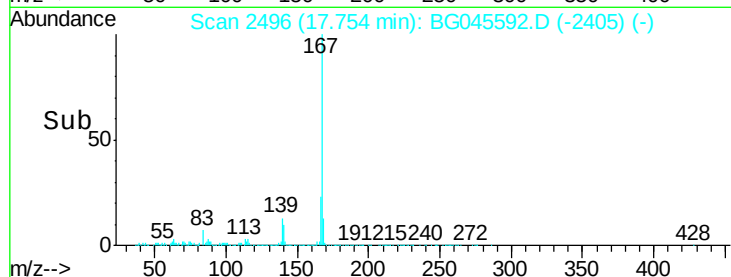
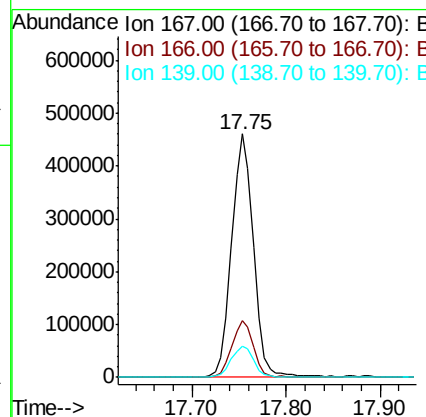
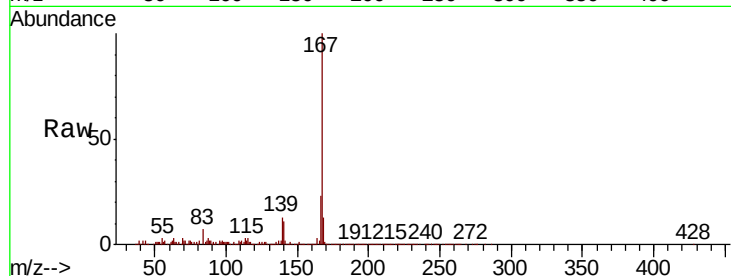
ClientSampleId :

SPMSD

Tot Ion:	167	Resp:	738351
Ion Ratio		Lower	Upper
167	100		
166	23.5	19.2	28.8
139	12.9	10.6	16.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 45.667 ng

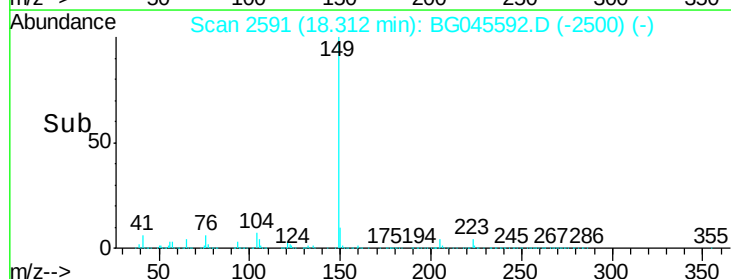
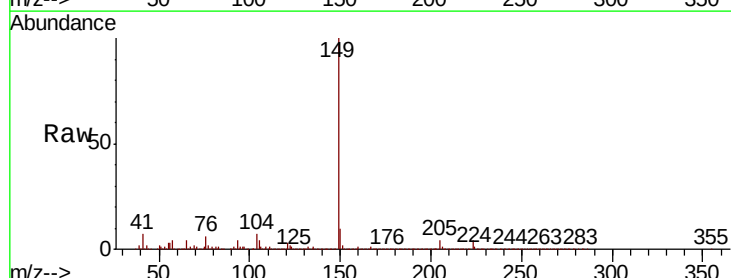
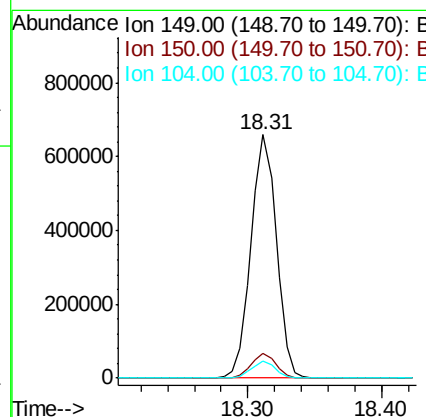
RT: 18.31 min Scan# 2591

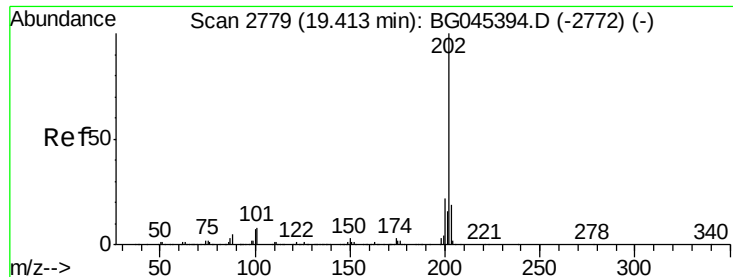
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	149	Resp:	857578
Ion Ratio		Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 45.473 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

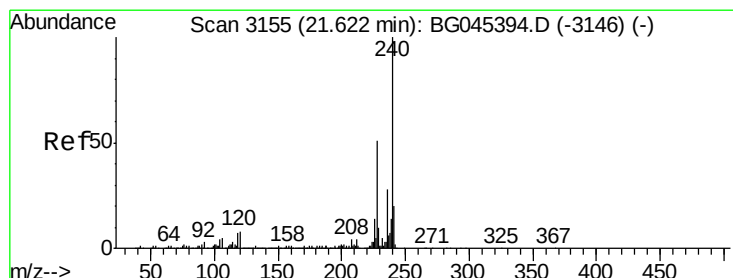
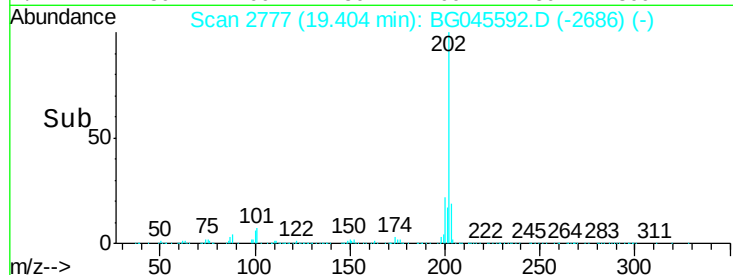
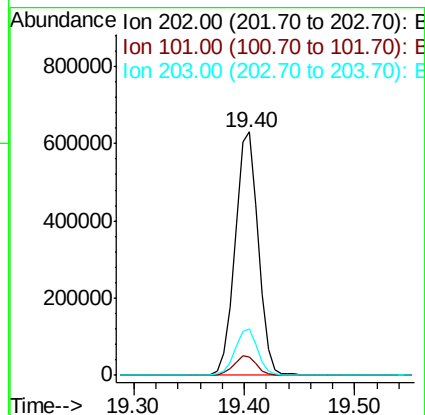
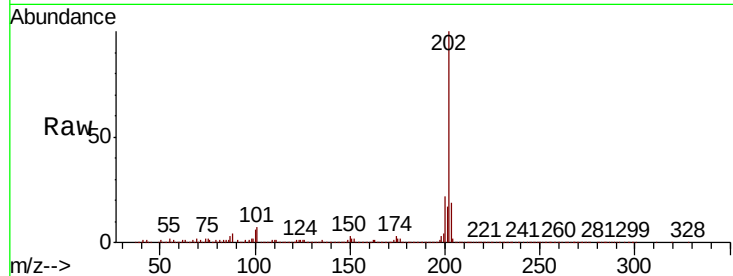
ClientSampleId :

SPMSD

Tot Ion:	202	Resp:	924459
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.3
203	18.9	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

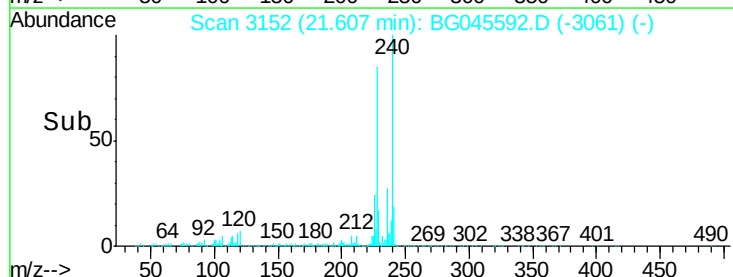
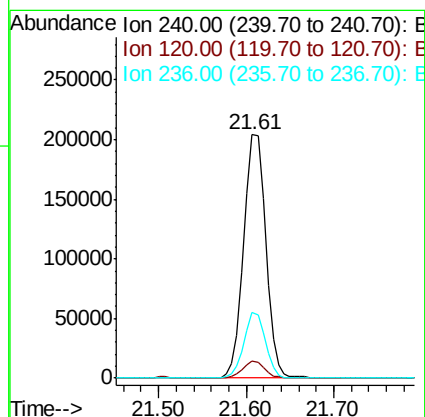
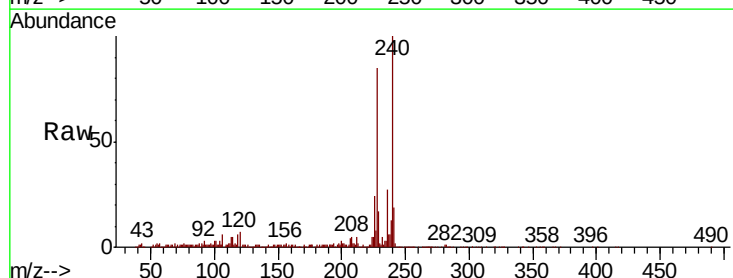
RT: 21.61 min Scan# 3152

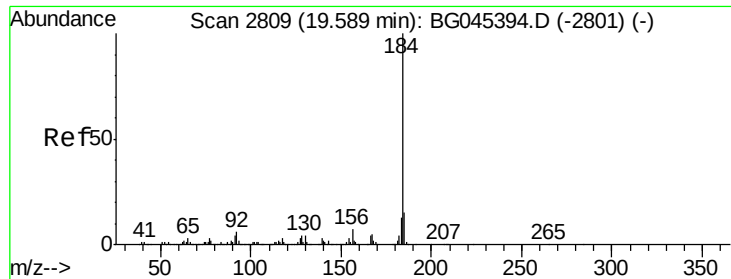
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	240	Resp:	348568
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.1	9.1
236	27.2	22.3	33.5





#77

Benzidine

Concen: 41.141 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

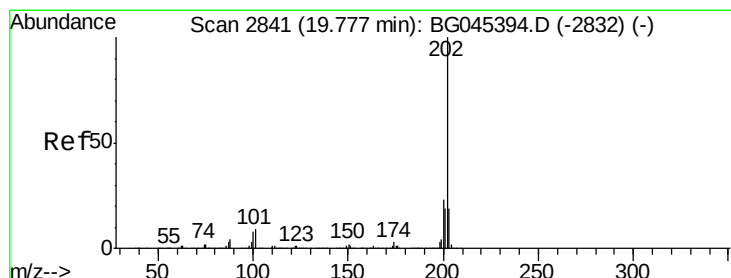
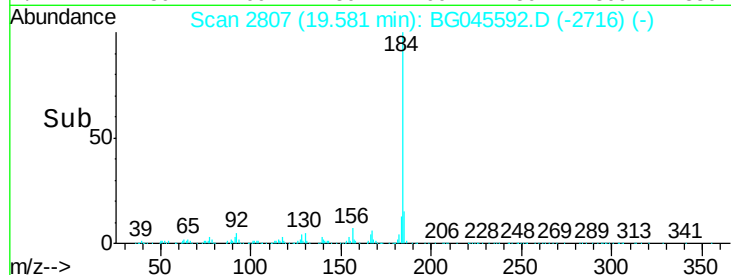
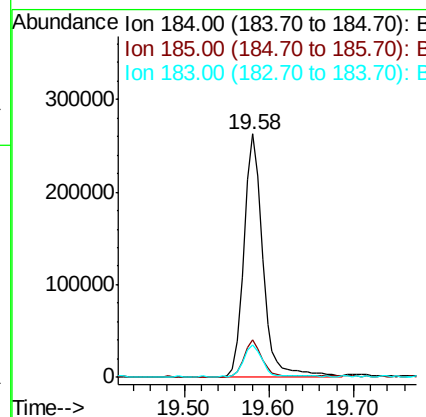
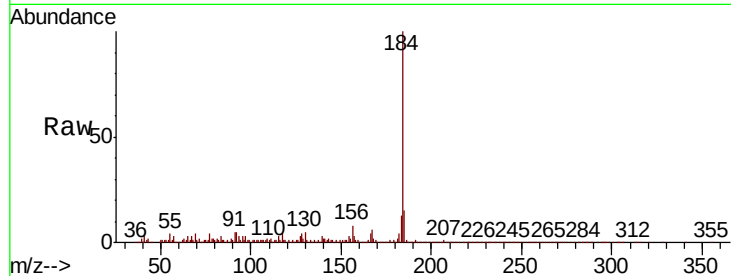
ClientSampleId :

SPMSD

Tot Ion:	184	Resp:	402762
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.7	17.5
183	13.5	10.2	15.4

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#78

Pyrene

Concen: 47.377 ng

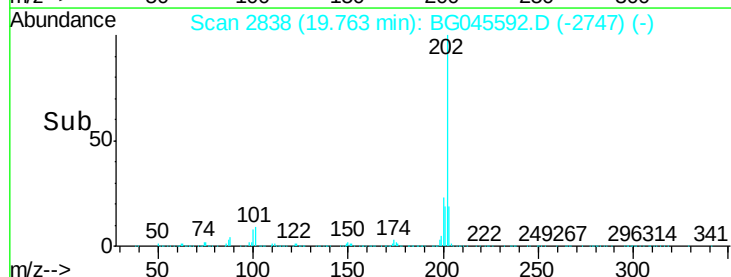
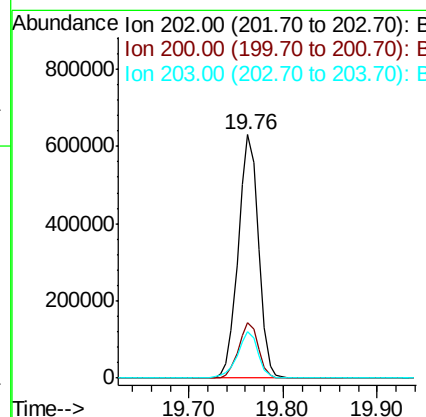
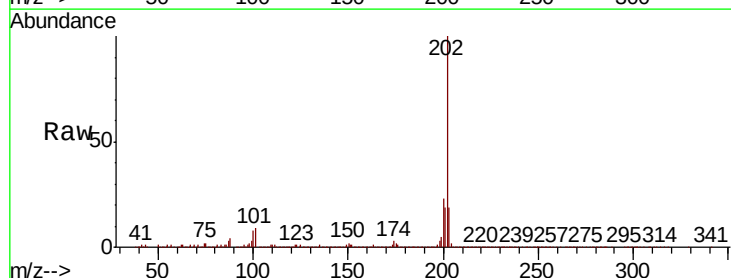
RT: 19.76 min Scan# 2838

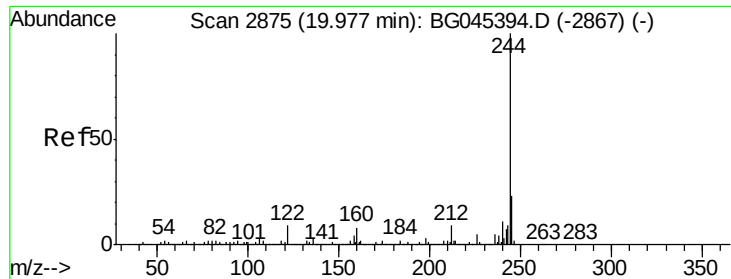
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:	202	Resp:	941367
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	19.0	15.1	22.7





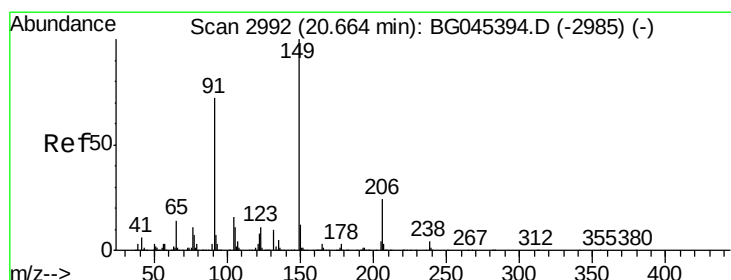
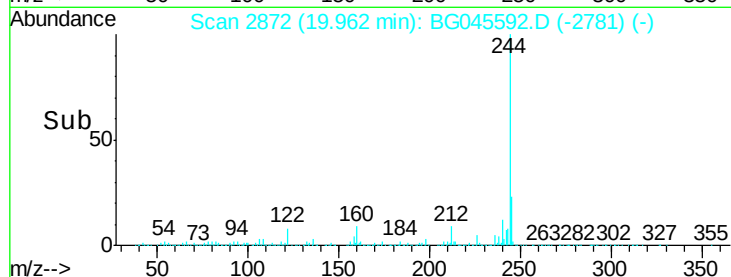
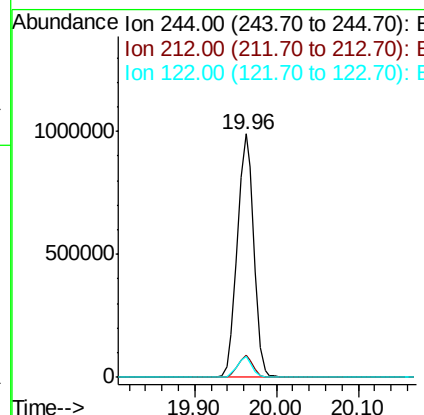
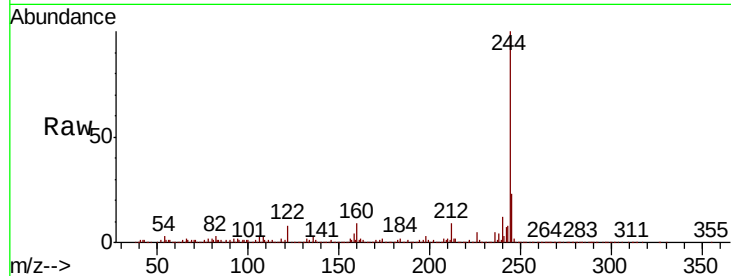
#79
 Terphenyl-d14
 Concen: 93.462 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.4	6.8	10.2

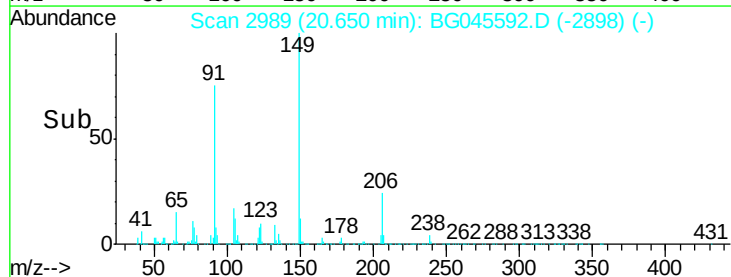
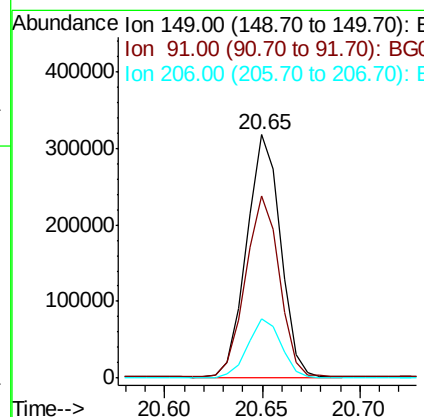
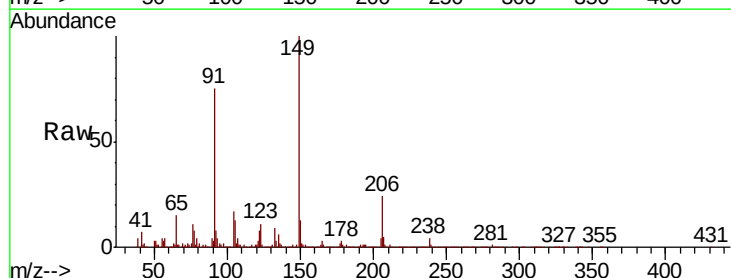
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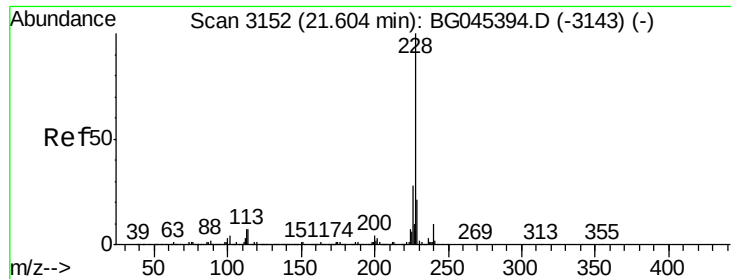
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#80
 Butylbenzylphthalate
 Concen: 44.290 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.8	86.6
206	24.2	19.1	28.7





#81

Benzo(a)anthracene

Concen: 49.212 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

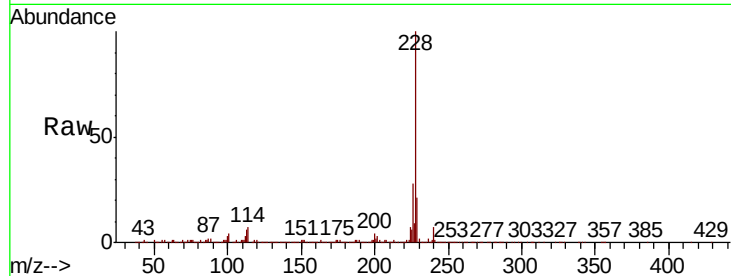
ClientSampleId :

SPMSD

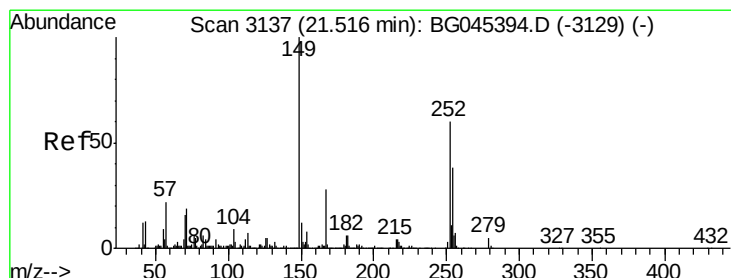
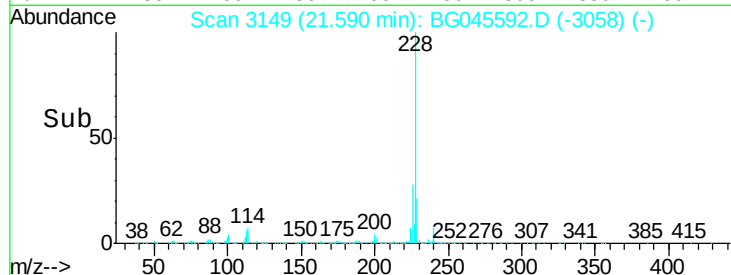
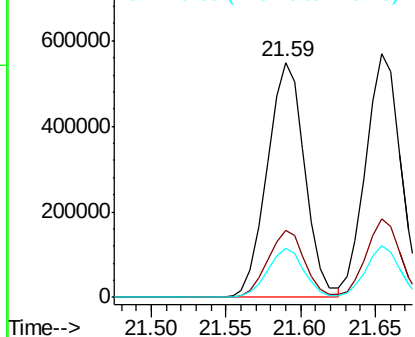
Tot Ion:	228	Resp:	955570
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.7	34.1
229	21.0	16.7	25.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.882 ng

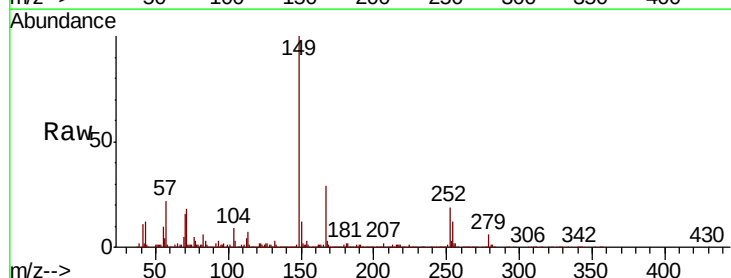
RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

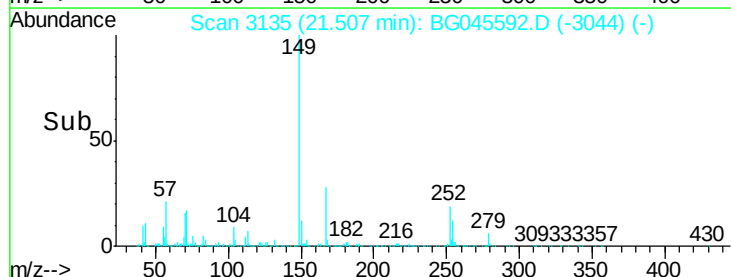
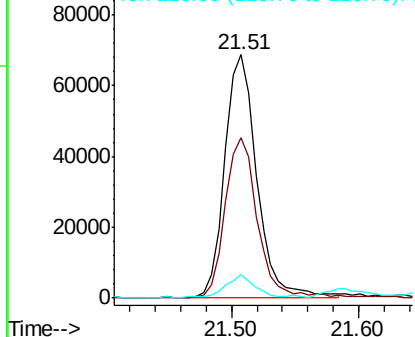
Lab File: BG045592.D

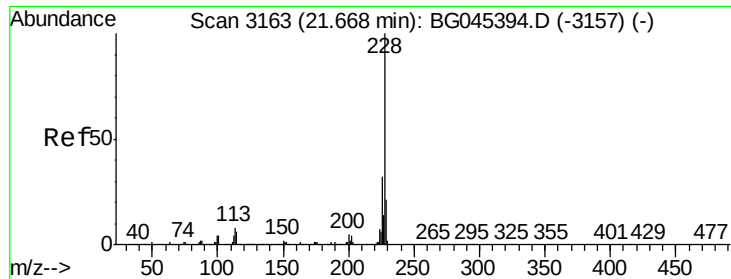
Acq: 3 Jun 2020 22:22

Tgt Ion:	252	Resp:	120969
Ion Ratio	Lower	Upper	
252	100		
254	65.9	51.3	76.9
126	9.5	6.6	10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





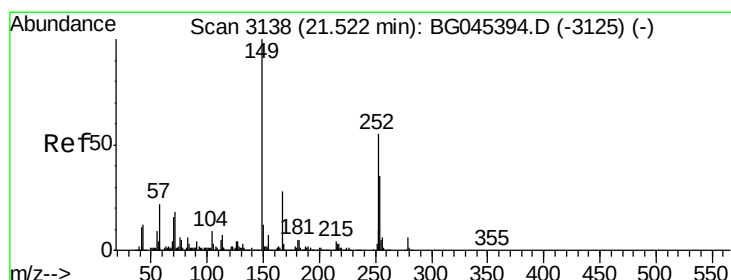
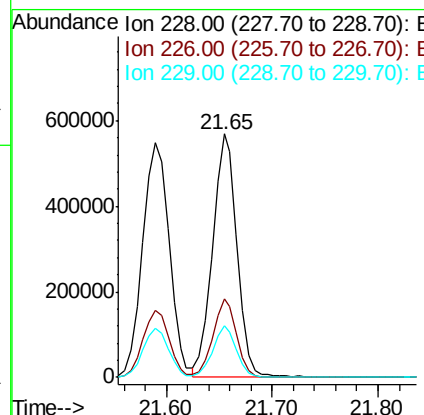
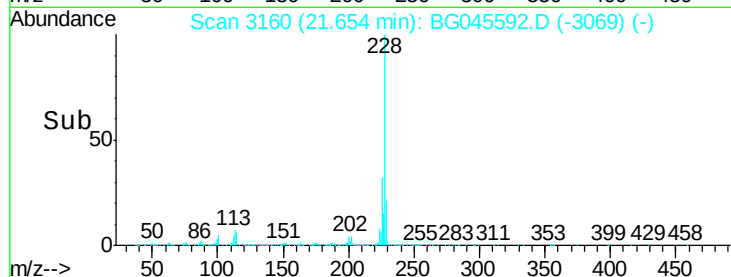
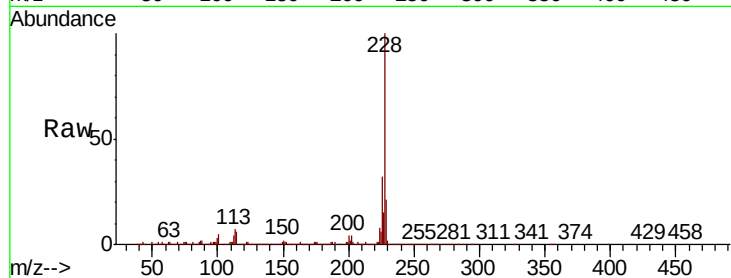
#83
 Chrvsene
 Concen: 49.006 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	21.1	16.7	25.1

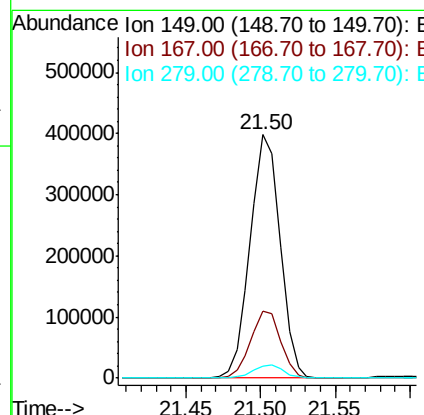
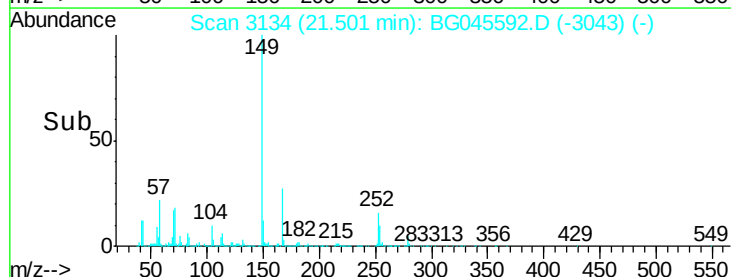
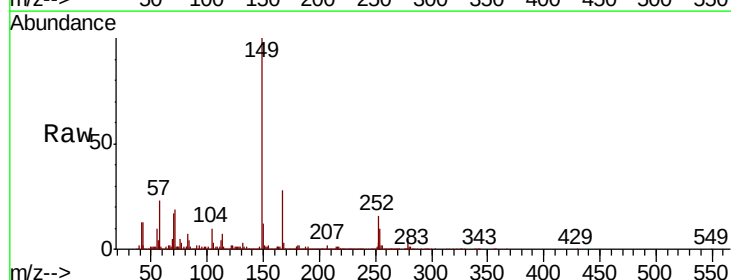
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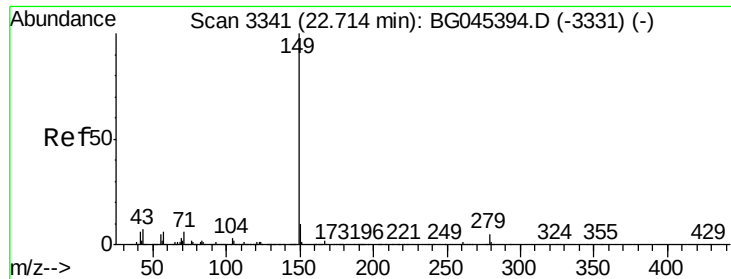
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.567 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	5.1	4.7	7.1





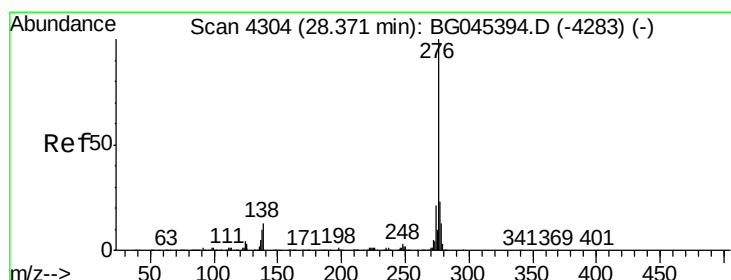
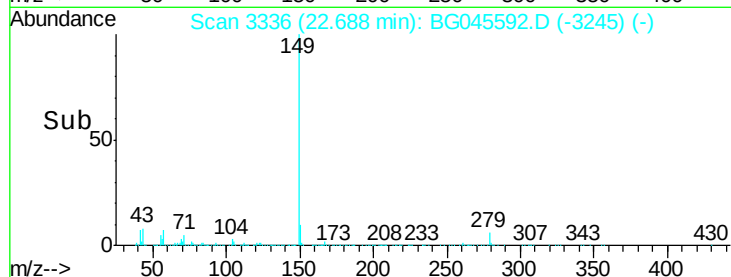
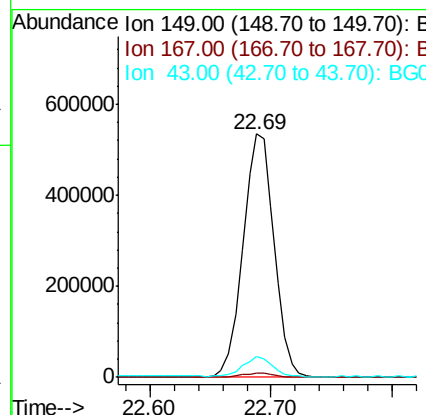
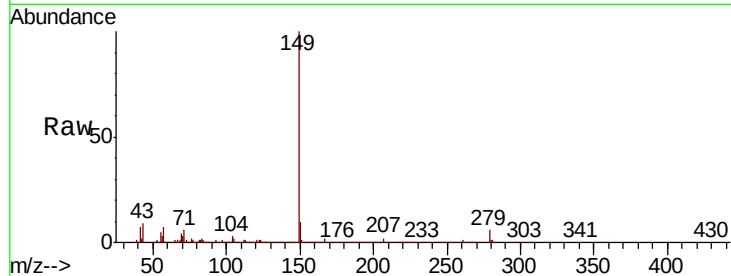
#85
Di-n-octyl phthalate
Concen: 47.070 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.6	5.8	8.8

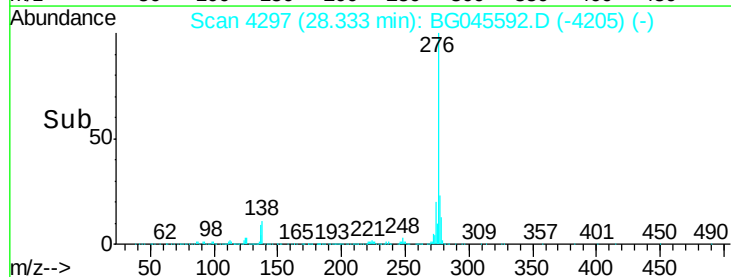
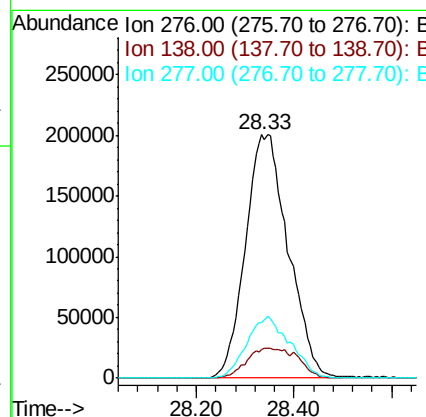
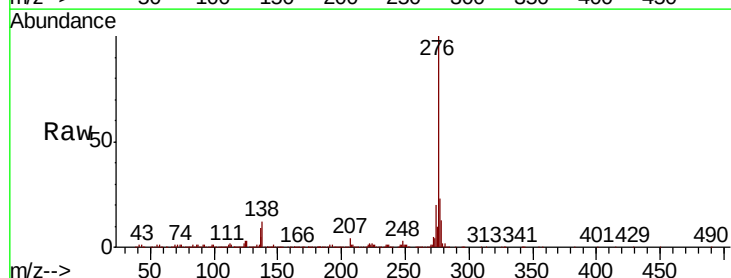
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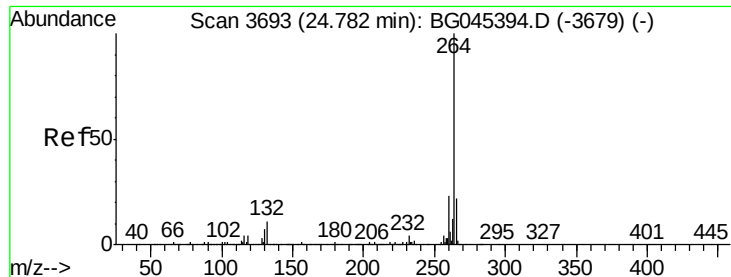
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.114 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	8.6	12.8
277	25.5	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

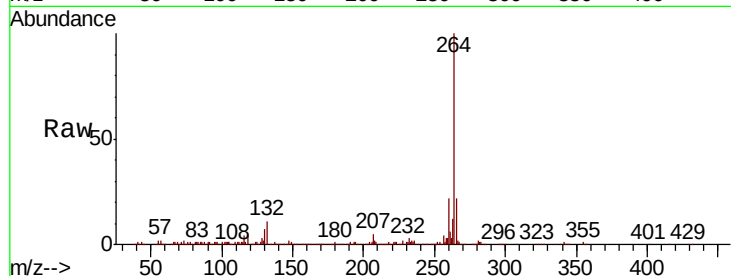
ClientSampled :

SPMSD

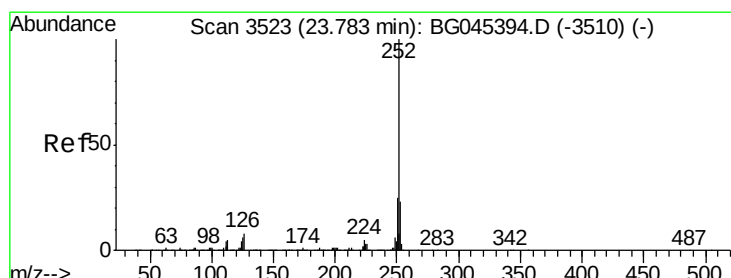
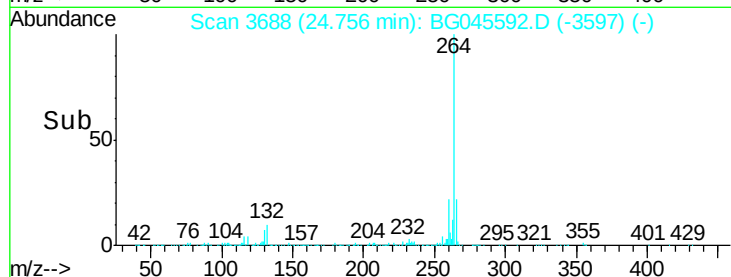
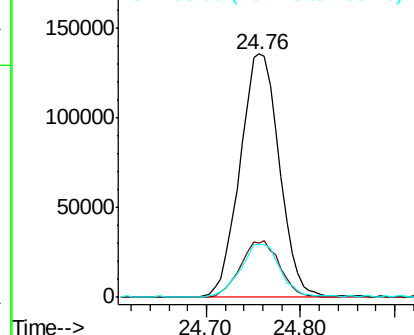
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	22.0	17.6	26.4

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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: 48.972 ng

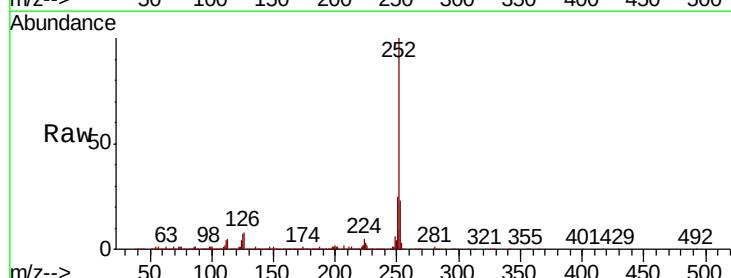
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

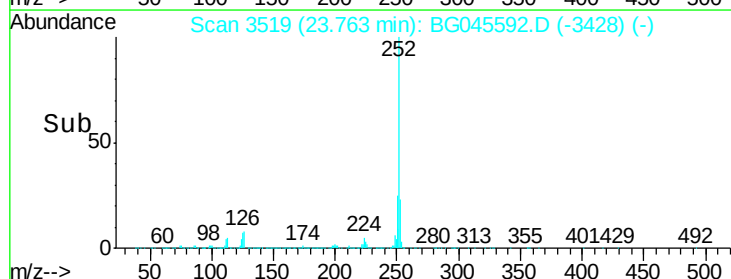
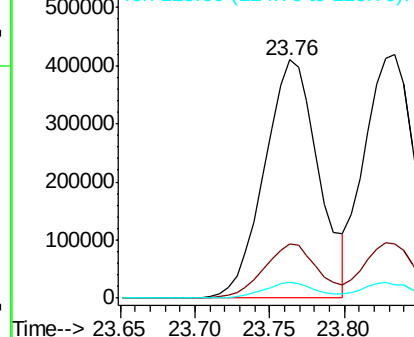
Lab File: BG045592.D

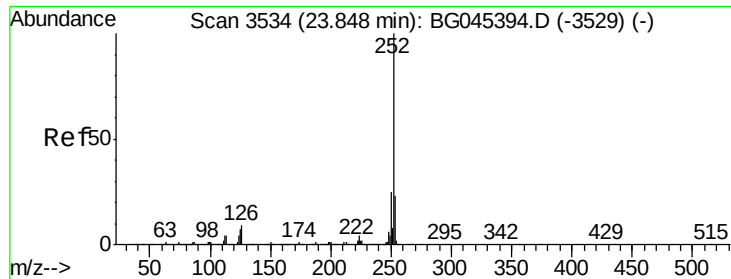
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.6	5.0	7.6



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: 49.627 ng m

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

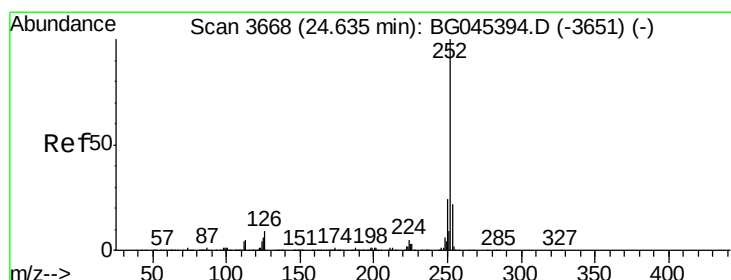
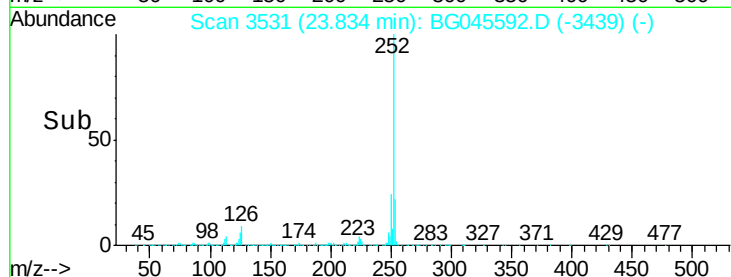
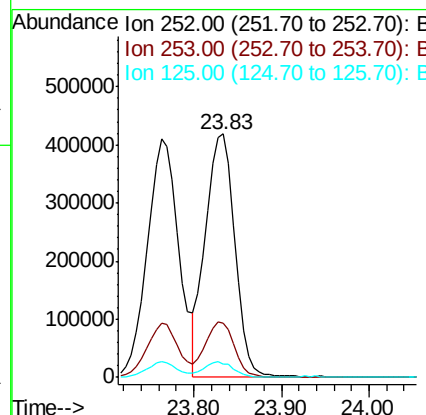
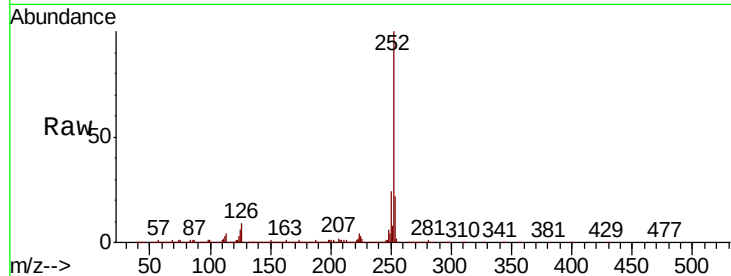
ClientSampled :

SPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.6	5.7	8.5#

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#90

Benzo(a)pyrene

Concen: 47.683 ng

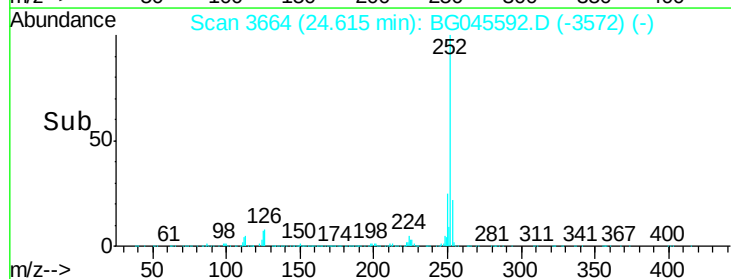
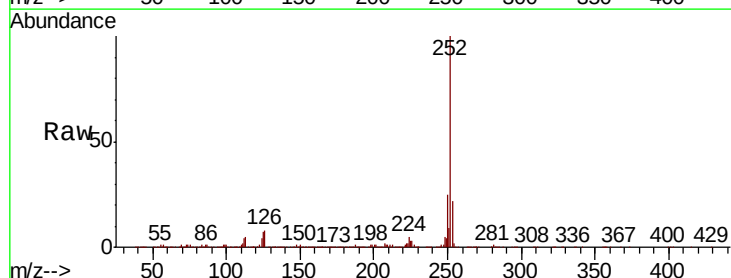
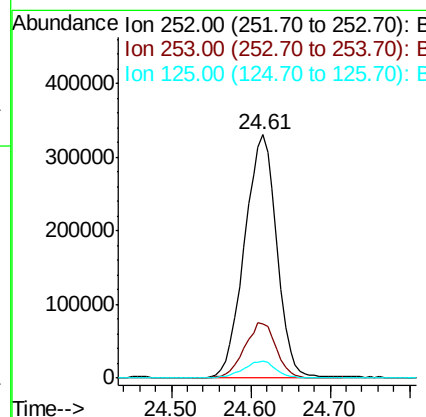
RT: 24.61 min Scan# 3664

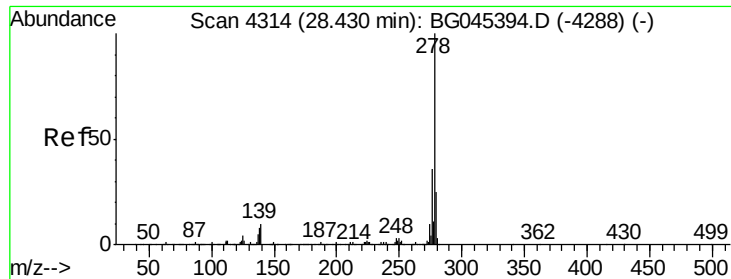
Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	6.9	5.0	7.6





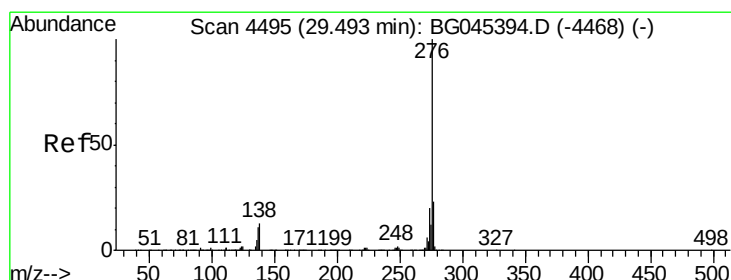
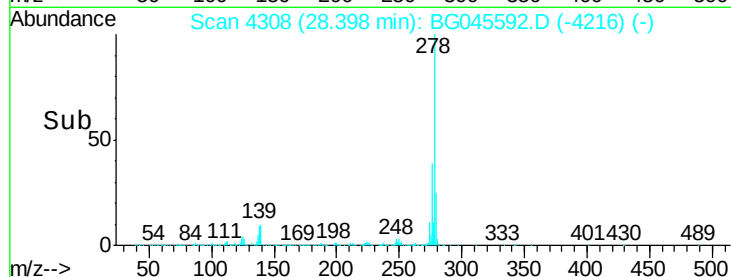
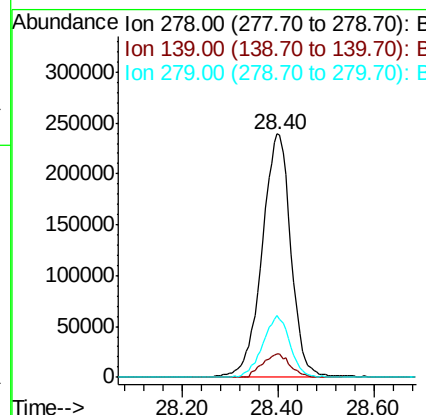
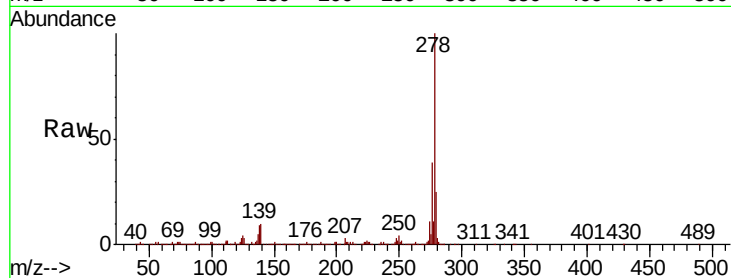
#91
 Dibenzo(a,h)anthracene
 Concen: 50.741 ng
 RT: 28.40 min Scan# 4308
 Delta R.T. 0.01 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	25.2	19.8	29.8

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#92
 Benzo(g,h,i)perylene
 Concen: 51.876 ng
 RT: 29.46 min Scan# 4488
 Delta R.T. 0.02 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	11.4	10.2	15.4

