

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045600.D
 Acq On : 4 Jun 2020 6:25
 Operator : CG/JU
 Sample : L2837-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Manual Integrations
 APPROVED

mohammad
 6/4/2020 12:11:44 PM

Quant Time: Jun 04 07:09:51 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	7.95	152	62580	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	235879	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	173009	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	418622	20.00	ng	0.00
76) Chrysene-d12	21.61	240	385342	20.00	ng	0.00
87) Perylene-d12	24.76	264	424347	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	435904	136.13	ng	0.00
7) Phenol-d6	7.15	99	531633	116.65	ng	0.00
23) Nitrobenzene-d5	9.11	82	464332	107.35	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	364174	164.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1068324	104.74	ng	0.00
79) Terphenyl-d14	19.96	244	1849397	111.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	59785	37.650	ng	# 33
3) Pyridine	3.82	79	131028	29.628	ng	97
4) n-Nitrosodimethylamine	3.72	42	67875	46.902	ng	82
6) Aniline	7.28	93	170561	28.668	ng	98
8) 2-Chlorophenol	7.53	128	185540	52.837	ng	98
9) Benzaldehyde	7.09	77	115594	38.928	ng	98
10) Phenol	7.17	94	192752	41.035	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	181913	49.650	ng	98
12) 1,3-Dichlorobenzene	7.84	146	202056	47.881	ng	99
13) 1,4-Dichlorobenzene	7.99	146	208202	49.995	ng	99
14) 1,2-Dichlorobenzene	8.31	146	188803	47.137	ng	95
15) Benzyl Alcohol	8.20	79	192429	51.109	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	166337	47.827	ng	97
17) 2-Methylphenol	8.42	107	160995	45.791	ng	96
18) Hexachloroethane	9.04	117	79059	49.567	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	163045	51.733	ng	94
20) 3+4-Methylphenols	8.75	107	214841	44.873	ng	95
22) Acetophenone	8.78	105	295802	52.911	ng	# 97
24) Nitrobenzene	9.16	77	245323	52.936	ng	95
25) Isophorone	9.68	82	449800	52.802	ng	98
26) 2-Nitrophenol	9.87	139	109078	55.020	ng	93
27) 2,4-Dimethylphenol	9.95	122	179583	61.075	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	248944	55.724	ng	98
29) 2,4-Dichlorophenol	10.42	162	196036	56.458	ng	93
30) 1,2,4-Trichlorobenzene	10.62	180	217712	53.063	ng	96
31) Naphthalene	10.81	128	583993	53.130	ng	98
32) Benzoic acid	10.12	122	95137	47.662	ng	93
33) 4-Chloroaniline	10.93	127	46449	10.109	ng	97
34) Hexachlorobutadiene	11.10	225	149781	51.644	ng	96
35) Caprolactam	11.70	113	50535m	39.651	ng	
36) 4-Chloro-3-methylphenol	12.07	107	227155	58.057	ng	98
37) 2-Methylnaphthalene	12.42	142	448332	54.724	ng	97
38) 1-Methylnaphthalene	12.64	142	428502	55.370	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	256477	53.074	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	266558	95.569	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	179925	53.599	nq	99
44) 2,4,5-Trichlorophenol	13.12	196	197843	51.575	nq	98
46) 1,1'-Biphenyl	13.43	154	586576	55.178	nq	99
47) 2-Chloronaphthalene	13.47	162	450254	52.158	nq	99
48) 2-Nitroaniline	13.68	65	150434	52.977	nq	90
49) Acenaphthylene	14.32	152	748958	54.014	nq	100
50) Dimethylphthalate	14.05	163	737521	62.142	nq	99
51) 2,6-Dinitrotoluene	14.17	165	142893	53.357	nq	99
52) Acenaphthene	14.66	154	555282m	59.826	nq	
53) 3-Nitroaniline	14.50	138	70322	25.831	nq	97
54) 2,4-Dinitrophenol	14.72	184	166475	93.878	nq	97
55) Dibenzofuran	15.00	168	728693	52.868	nq	97
56) 4-Nitrophenol	14.85	139	179150	86.919	nq	92
57) 2,4-Dinitrotoluene	14.96	165	204772	52.796	nq	98
58) Fluorene	15.65	166	608014	53.694	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	192920	57.164	nq	98
60) Diethylphthalate	15.42	149	643537	52.096	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	340963	52.619	nq	99
62) 4-Nitroaniline	15.67	138	143193	50.383	nq	97
63) Azobenzene	15.93	77	619557	53.788	nq	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	129364	53.061	nq	95
66) n-Nitrosodiphenylamine	15.86	169	548038	54.525	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	239051	52.736	nq	96
68) Hexachlorobenzene	16.66	284	263177	55.509	nq	97
69) Atrazine	16.81	200	217138	52.450	nq	96
70) Pentachlorophenol	17.01	266	291609	118.454	nq	99
71) Phenanthrene	17.39	178	1002076	54.833	nq	99
72) Anthracene	17.48	178	1026567	55.936	nq	98
73) Carbazole	17.75	167	945221	52.837	nq	100
74) Di-n-butylphthalate	18.31	149	1132077	52.724	nq	99
75) Fluoranthene	19.40	202	1234942	53.127	nq	99
77) Benzidine	19.58	184	447334	41.334	nq	99
78) Pyrene	19.76	202	1221822	55.623	nq	99
80) Butylbenzylphthalate	20.65	149	507793	53.557	nq	98
81) Benzo(a)anthracene	21.59	228	1195785	55.706	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	234147	27.807	nq	97
83) Chrysene	21.65	228	1129603	54.727	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	702190	53.877	nq	97
85) Di-n-octyl phthalate	22.69	149	1195541	53.408	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1498930	55.534	nq	99
88) Benzo(b)fluoranthene	23.76	252	1241191	54.538	nq	98
89) Benzo(k)fluoranthene	23.83	252	1225532	57.319	nq	99
90) Benzo(a)pyrene	24.61	252	1152941	54.396	nq	99
91) Dibenzo(a,h)anthracene	28.39	278	1216685	57.123	nq	98
92) Benzo(g,h,i)perylene	29.45	276	1249373	58.651	nq	98

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

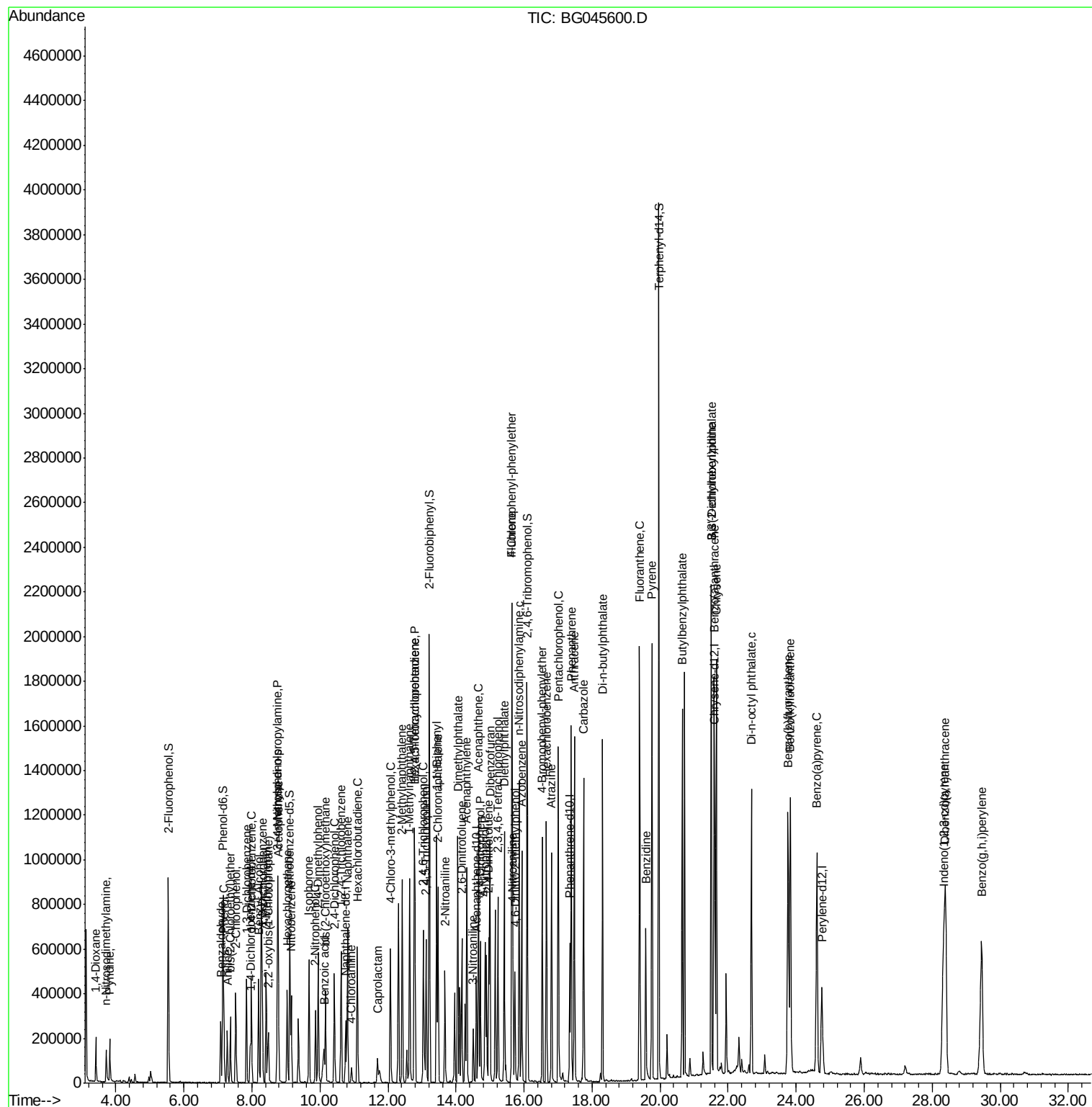
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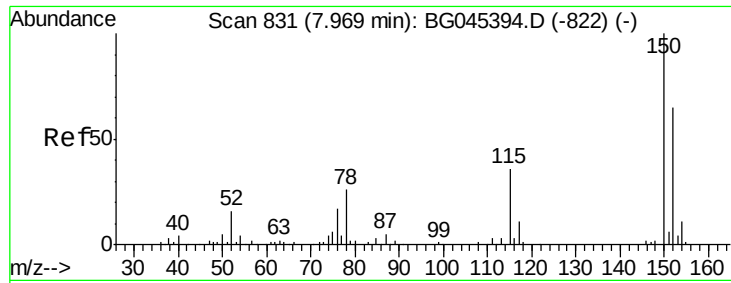
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#1

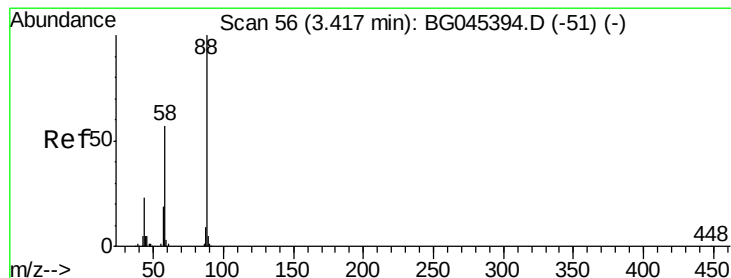
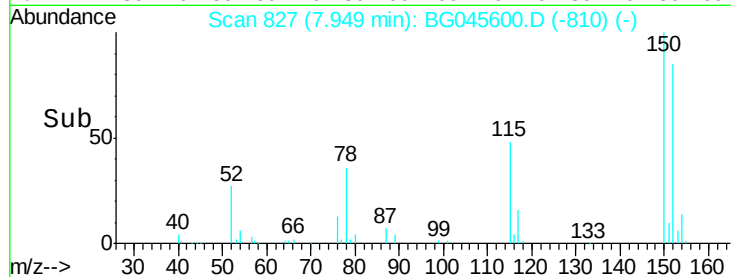
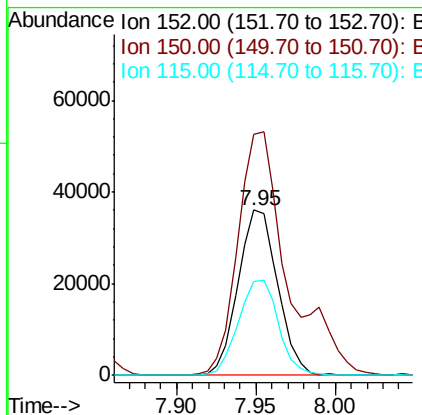
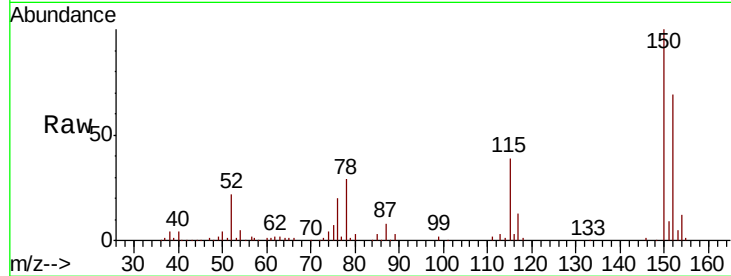
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.4	183.6
115	56.6	44.2	66.4

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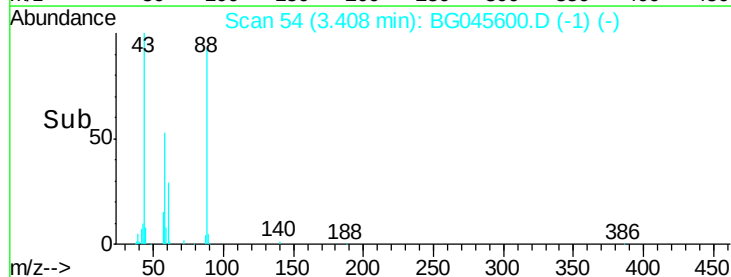
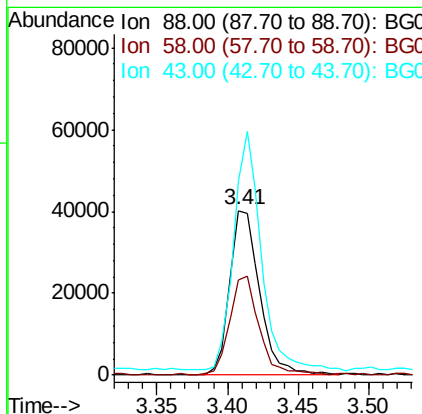
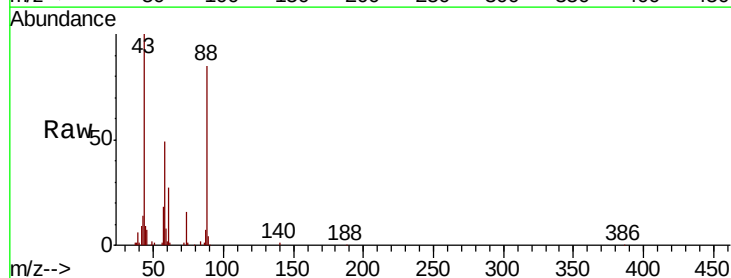
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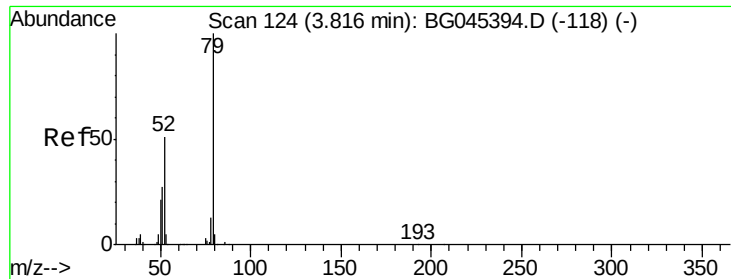


#2

1,4-Dioxane
Concen: 37.650 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	45.7	68.5
43	132.7	16.8	25.2





#3

Pvridine

Concen: 29.628 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

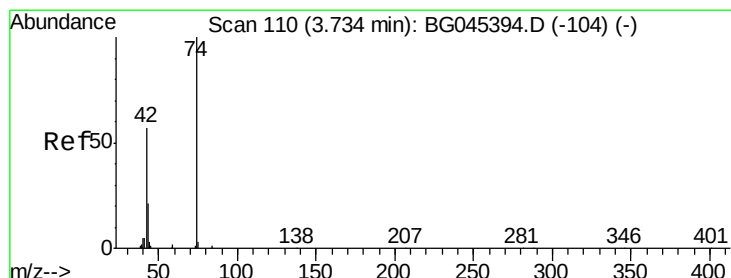
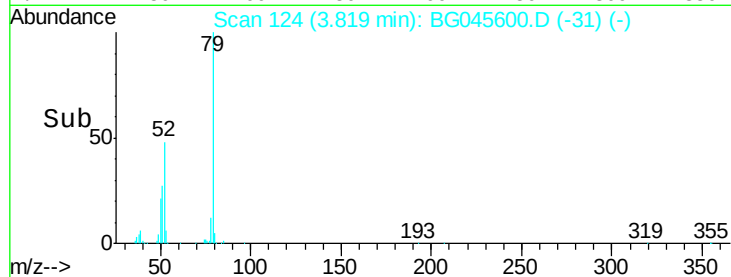
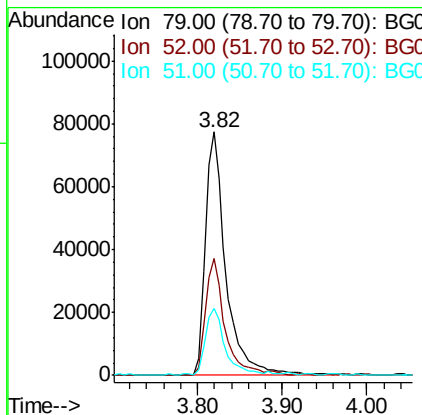
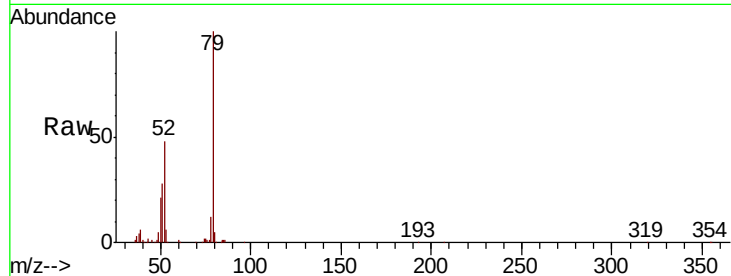
ClientSampled :

SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	47.8		40.8	61.2	
51	27.7		21.9	32.9	

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#4

n-Nitrosodimethylamine

Concen: 46.902 ng

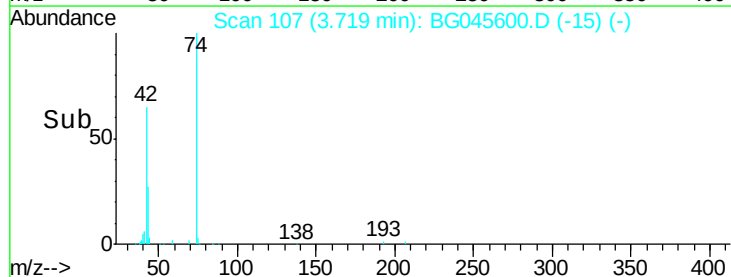
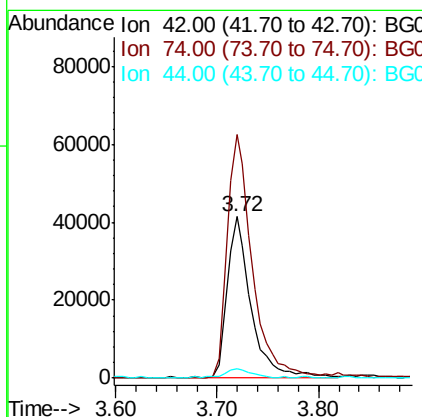
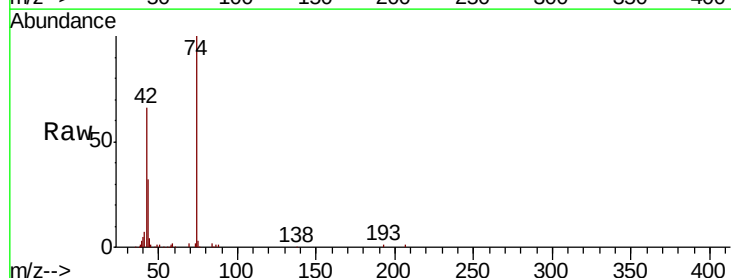
RT: 3.72 min Scan# 107

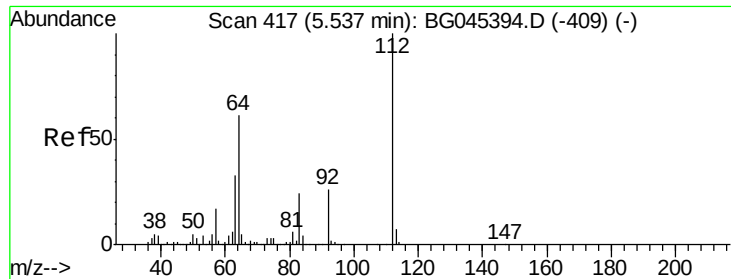
Delta R.T. 0.01 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	151.1		141.3	211.9	
44	6.0		4.2	6.4	





#5

2-Fluorophenol

Concen: 136.127 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

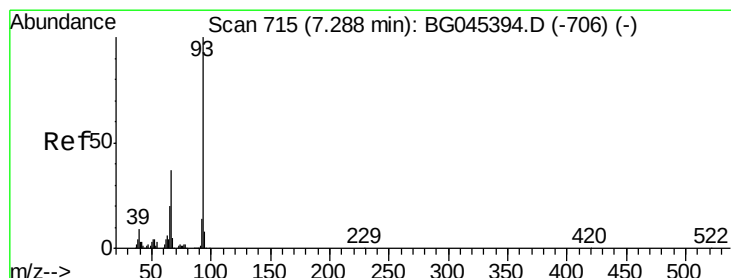
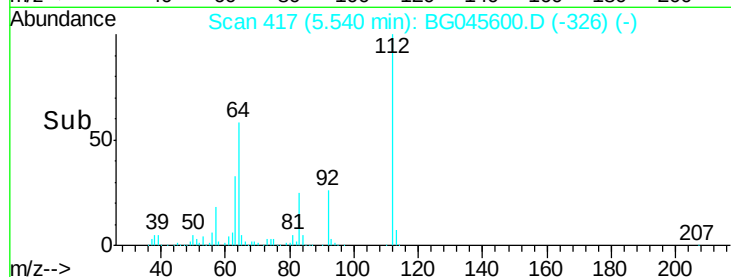
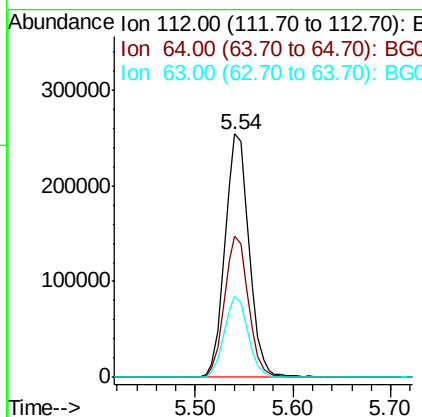
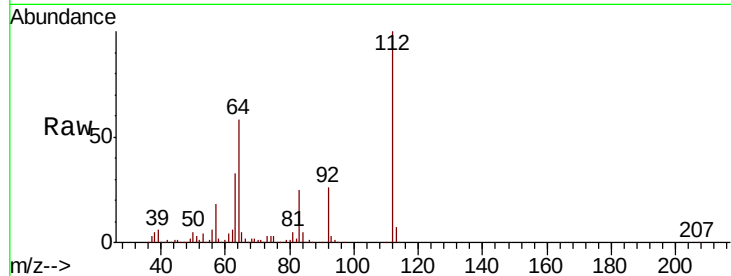
ClientSampled :

SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		435904		
64	57.9	48.6	72.8		
63	33.4	26.5	39.7		

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#6

Aniline

Concen: 28.668 ng

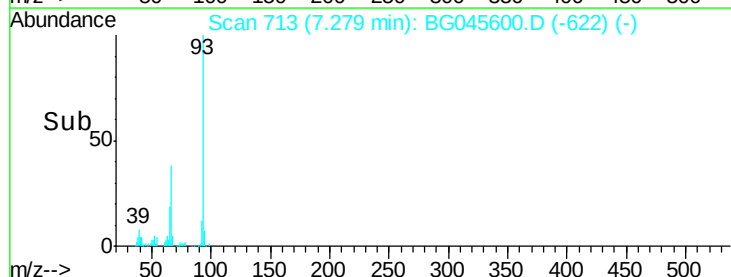
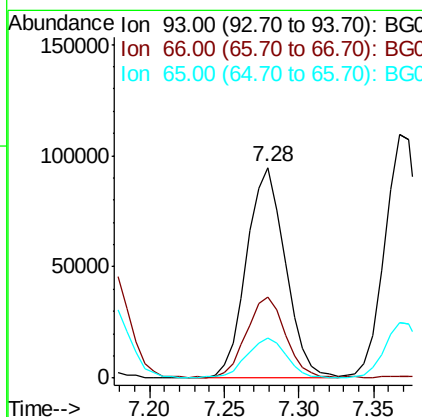
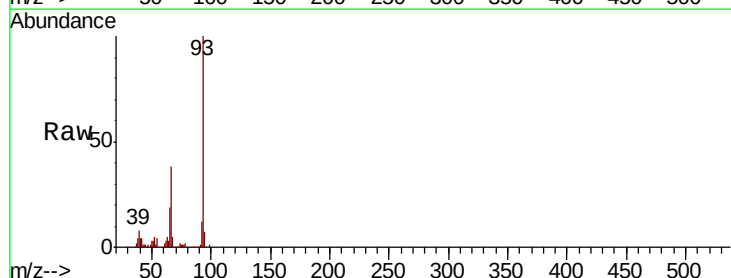
RT: 7.28 min Scan# 713

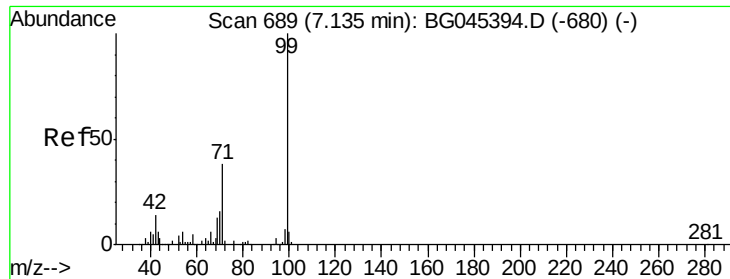
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		170561		
66	38.2	29.6	44.4		
65	19.3	15.9	23.9		





#7

Phenol-d6

Concen: 116.646 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

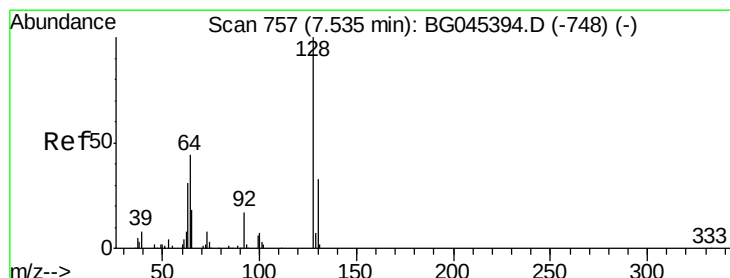
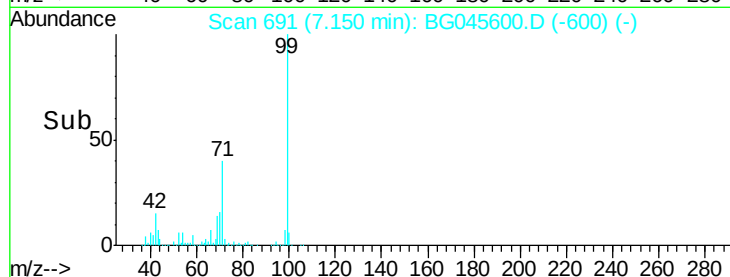
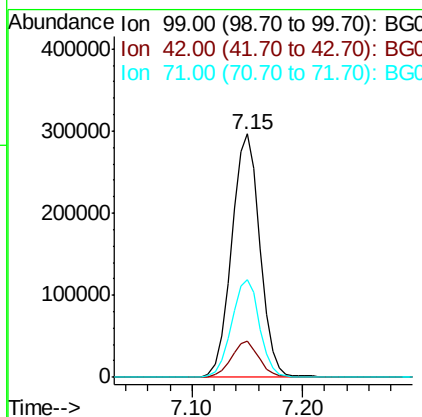
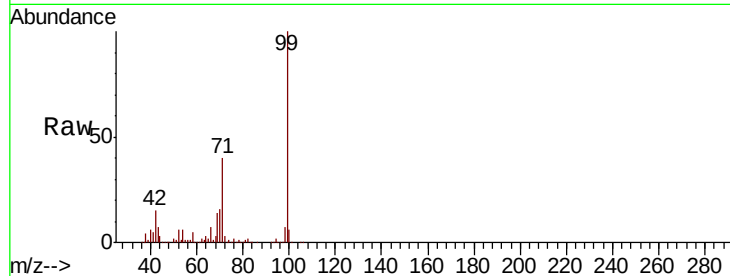
ClientSampled :

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Tot Ion:	99	Resp:	531633
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.3	16.9
71	40.3	30.8	46.2

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#8

2-Chlorophenol

Concen: 52.837 ng

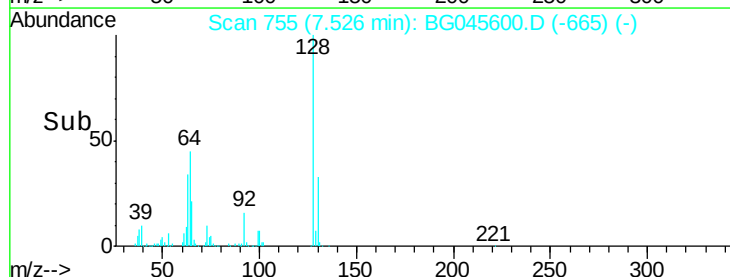
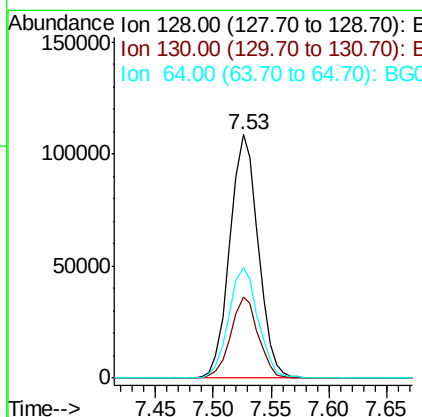
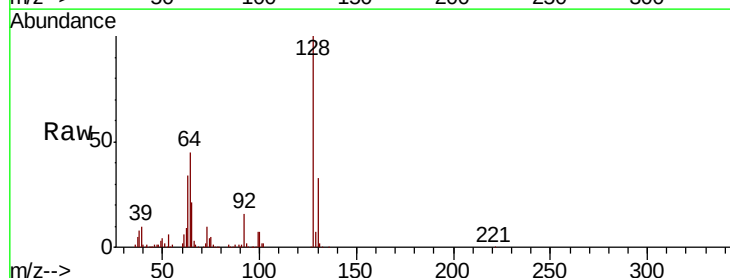
RT: 7.53 min Scan# 755

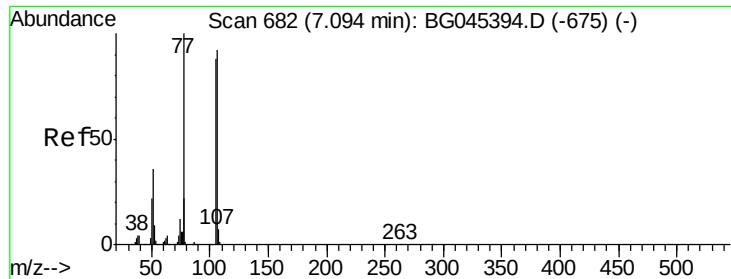
Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	128	Resp:	185540
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	45.5	27.0	67.0





#9

Benzaldehyde

Concen: 38.928 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

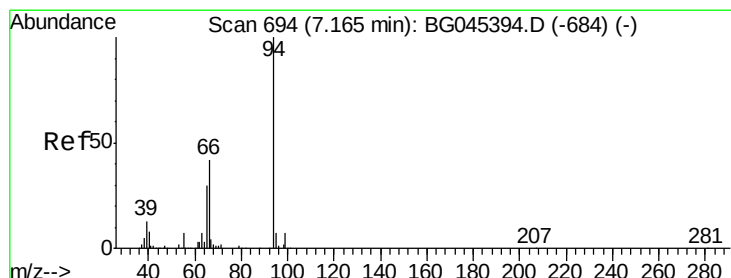
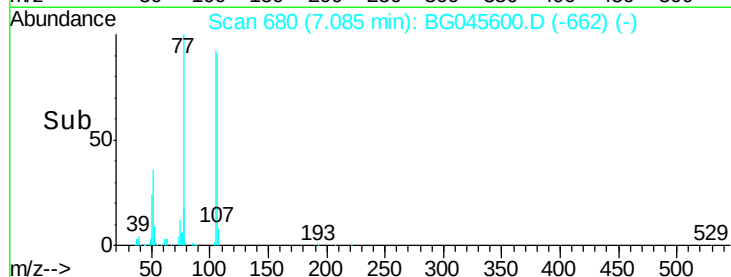
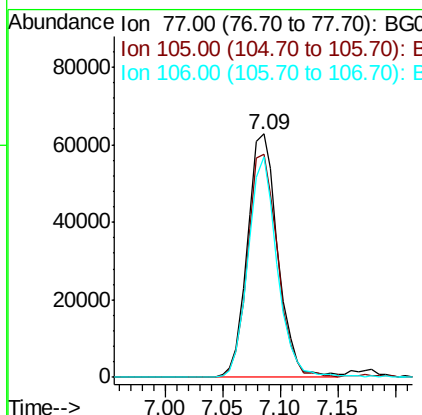
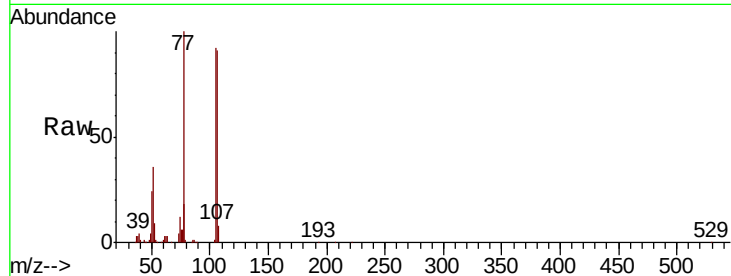
ClientSampleId :

SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		115594		
105	91.6	68.5	108.5		
106	90.7	71.6	111.6		

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#10

Phenol

Concen: 41.035 ng

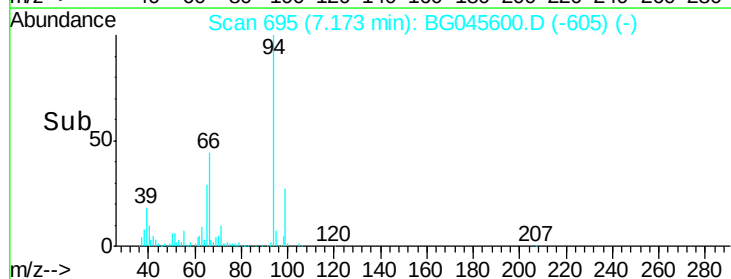
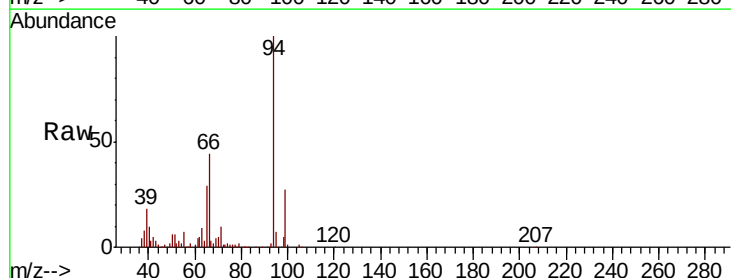
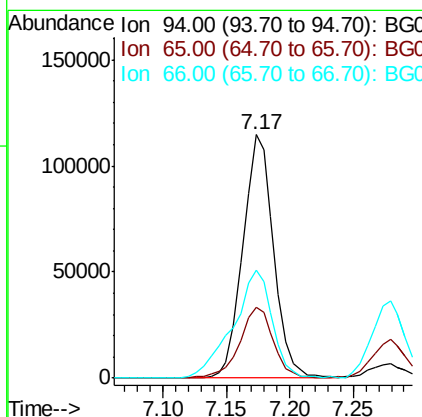
RT: 7.17 min Scan# 695

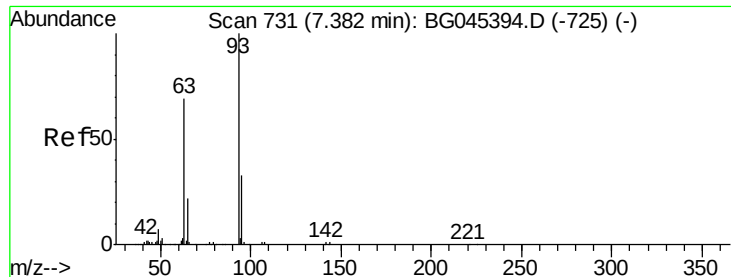
Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		192752		
65	29.1	9.8	49.8		
66	44.2	22.0	62.0		





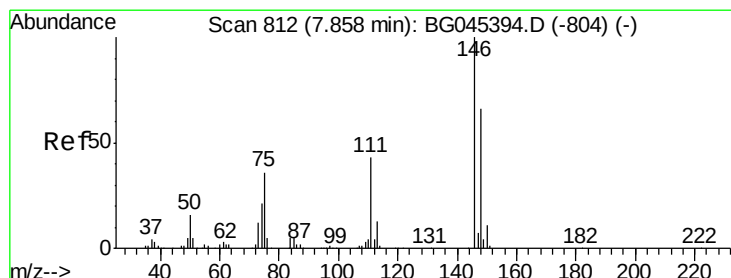
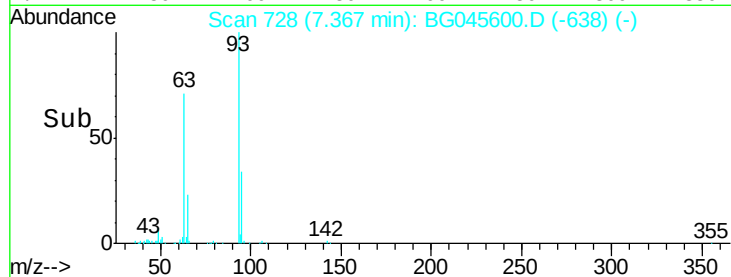
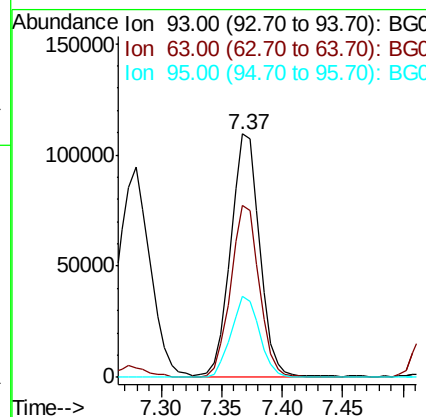
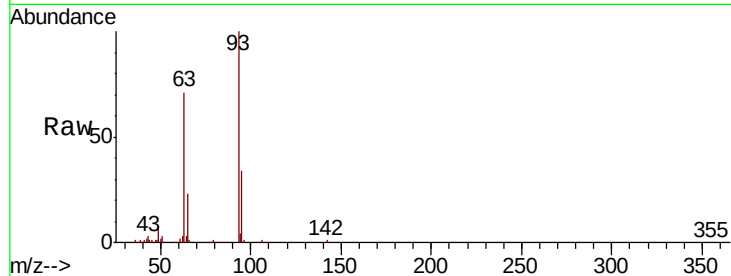
#11
bis(2-Chloroethyl)ether
Concen: 49.650 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion:	93	Resp:	181913
Ion Ratio	Lower	Upper	
93	100		
63	70.5	48.4	88.4
95	33.6	12.4	52.4

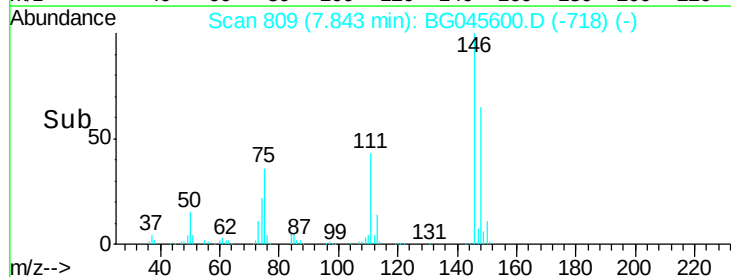
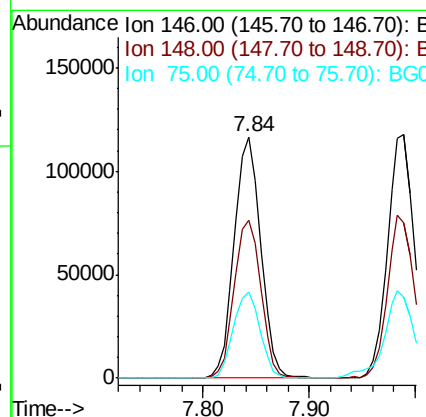
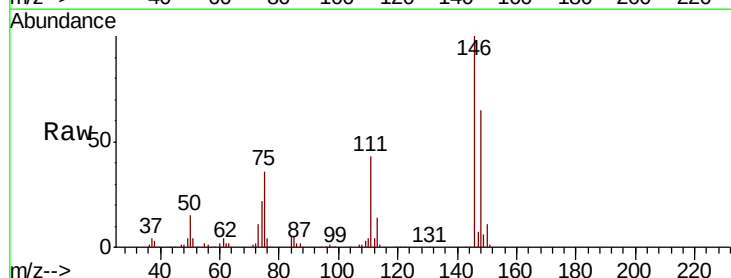
Manual Integrations
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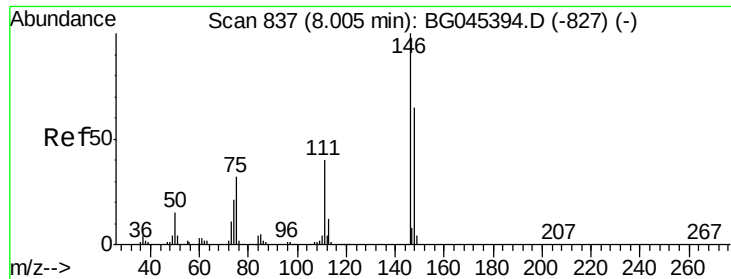
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.881 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion:	146	Resp:	202056
Ion Ratio	Lower	Upper	
146	100		
148	65.4	53.2	79.8
75	35.8	28.6	43.0





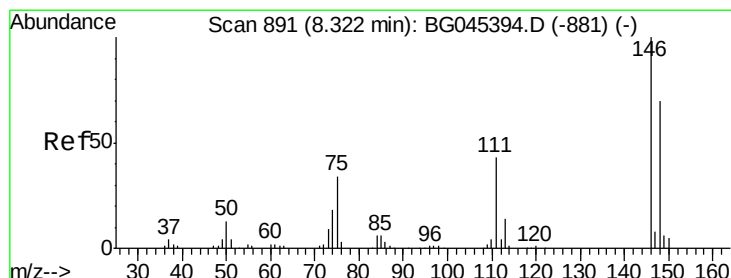
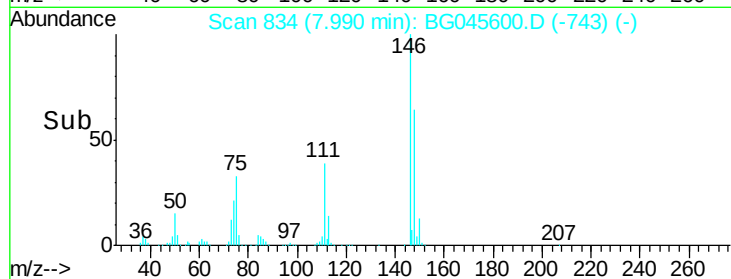
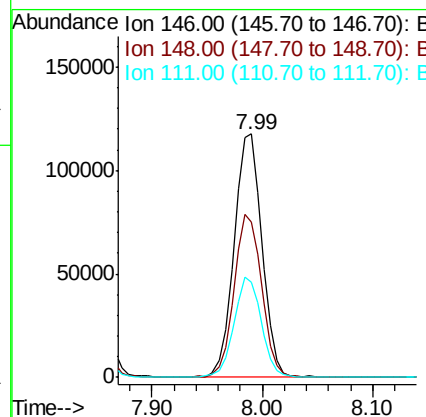
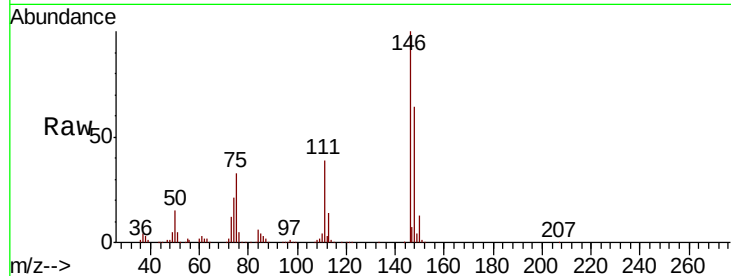
#13
1,4-Dichlorobenzene
Concen: 49.995 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
111	39.1	32.1	48.1

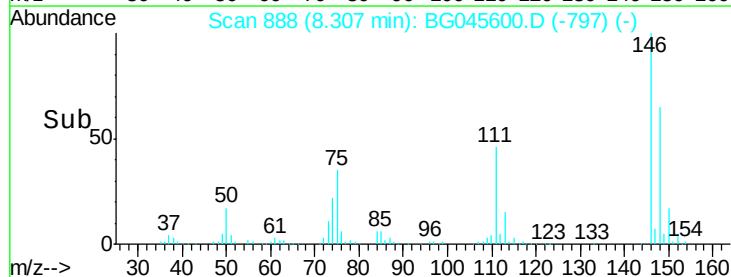
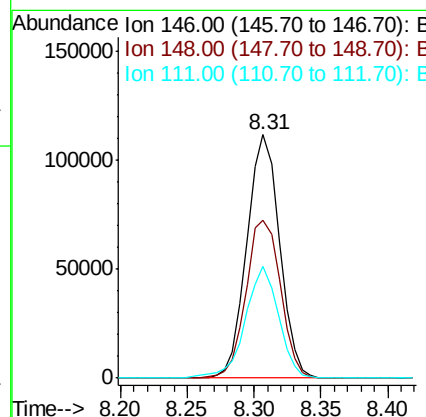
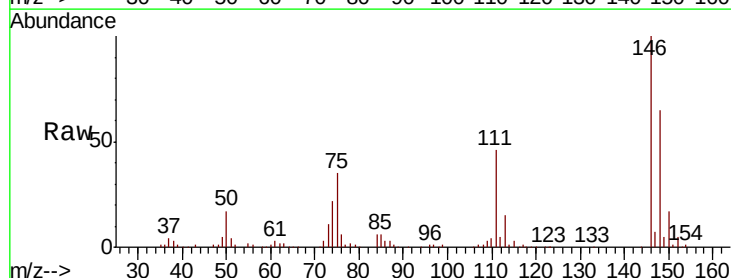
Manual Integrations
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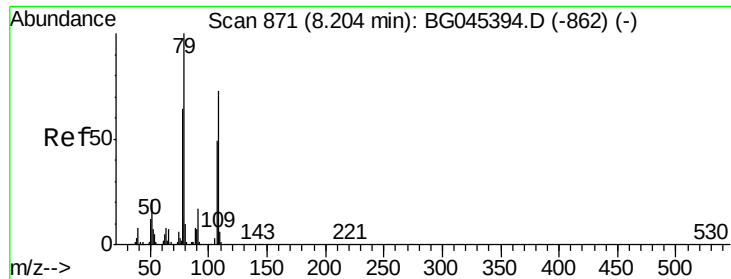
mohammad
6/4/2020 12:11:44 PM



#14
1,2-Dichlorobenzene
Concen: 47.137 ng
RT: 8.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	55.9	83.9
111	45.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 51.109 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

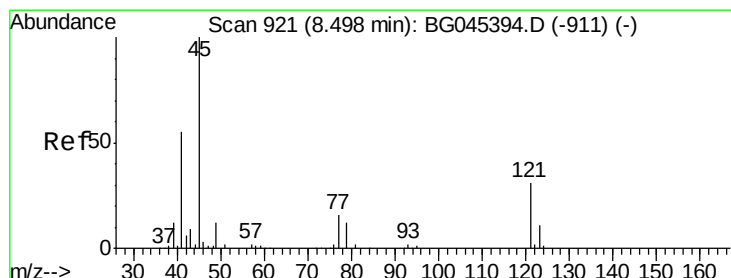
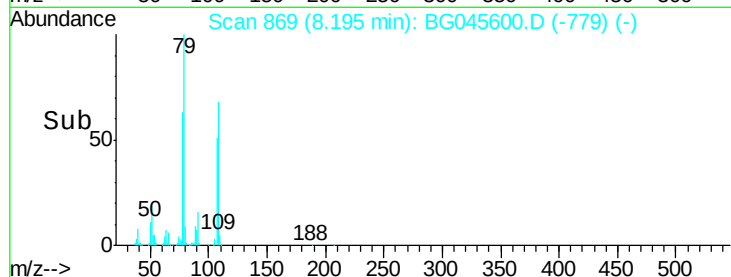
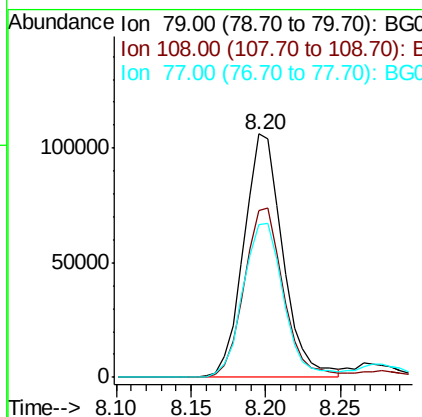
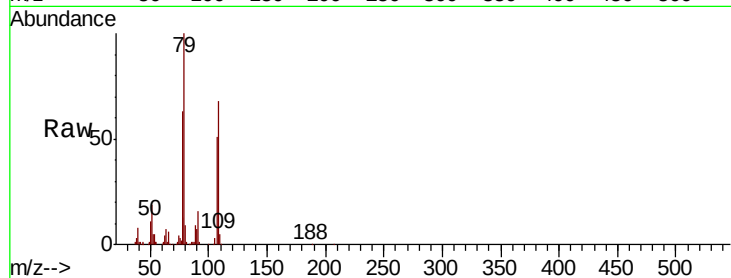
ClientSampled :

SPMS

Tot Ion:	79	Resp:	192429
Ion Ratio	Lower	Upper	
79	100		
108	68.3	58.2	87.4
77	62.5	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.827 ng

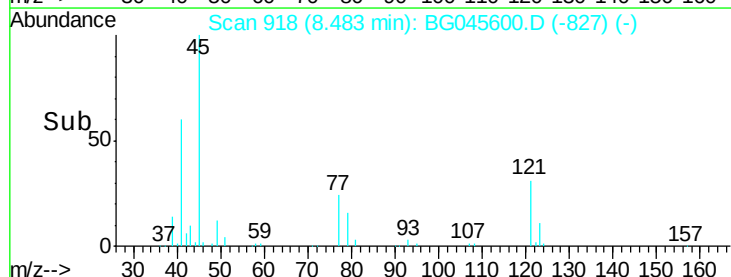
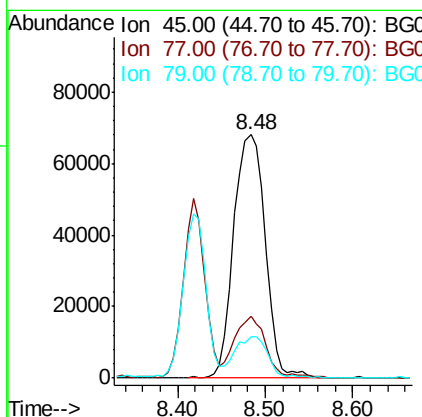
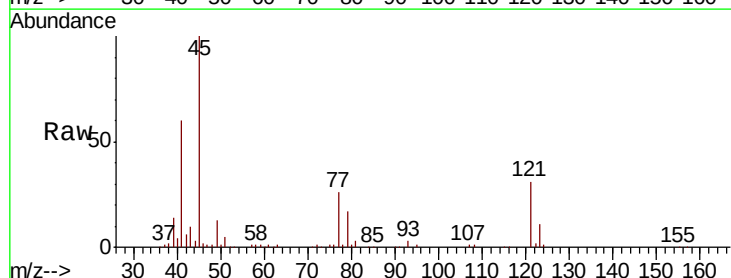
RT: 8.48 min Scan# 918

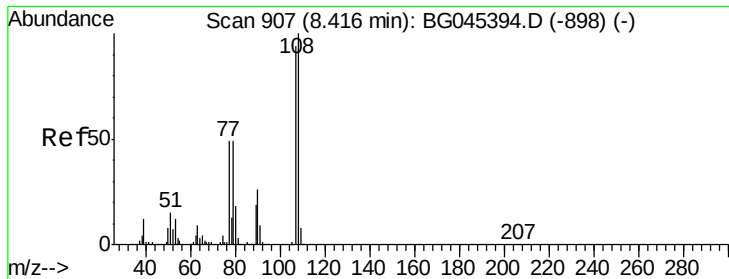
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	45	Resp:	166337
Ion Ratio	Lower	Upper	
45	100		
77	25.7	4.0	44.0
79	17.2	0.0	38.6





#17

2-Methylphenol

Concen: 45.791 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

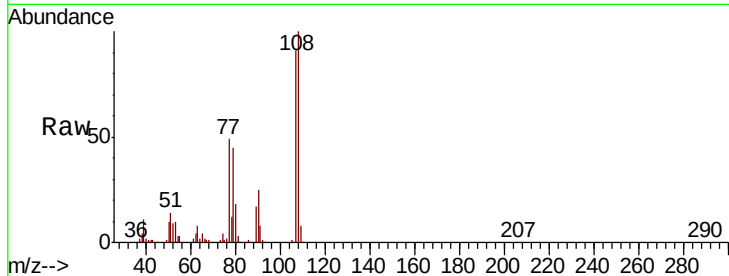
ClientSampled :

SPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	85.2	127.8	
77	54.4	41.6	62.4	
79	50.0	41.8	62.8	

Manual Integrations
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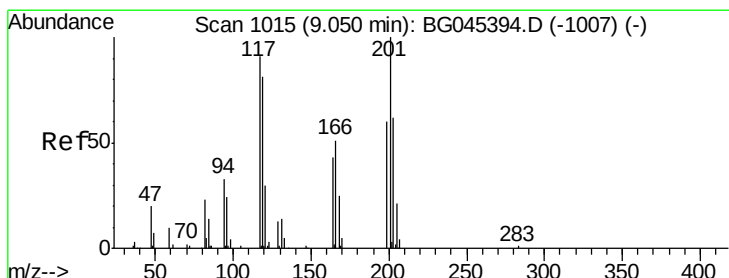
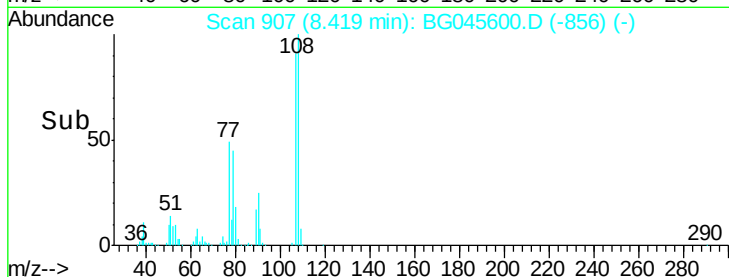
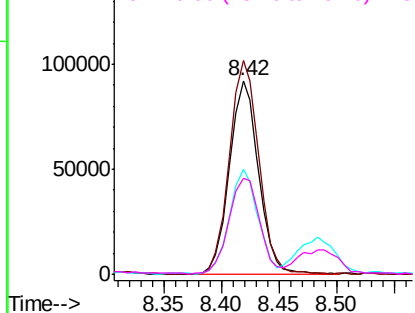
Abundance

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: 49.567 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

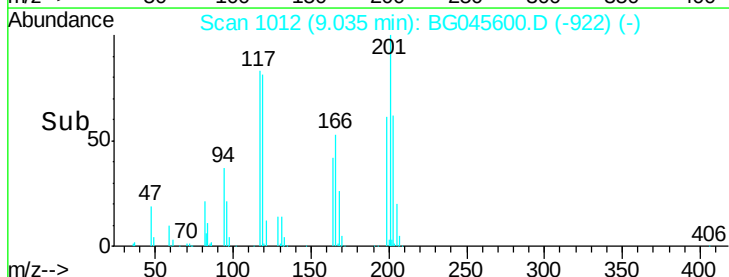
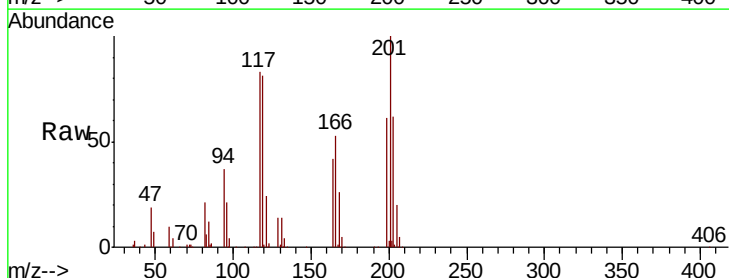
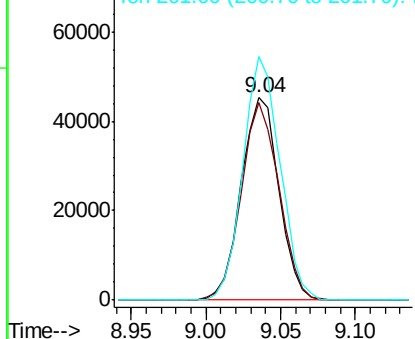
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	71.3	106.9	
201	120.5	87.5	131.3	

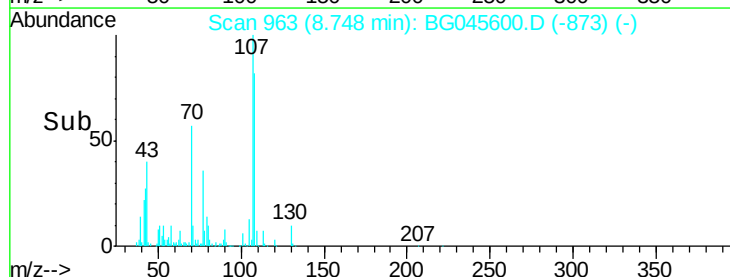
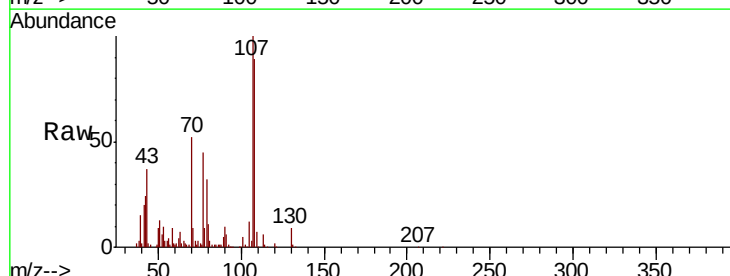
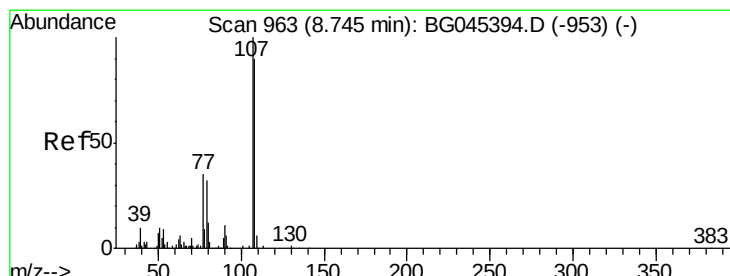
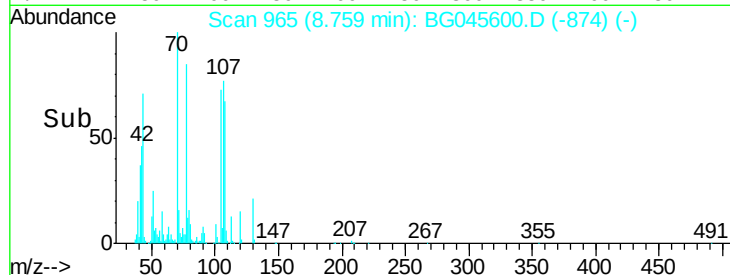
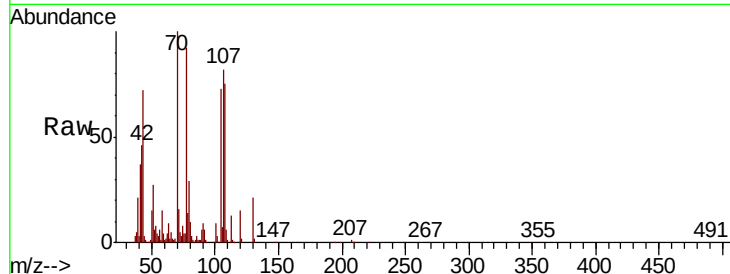
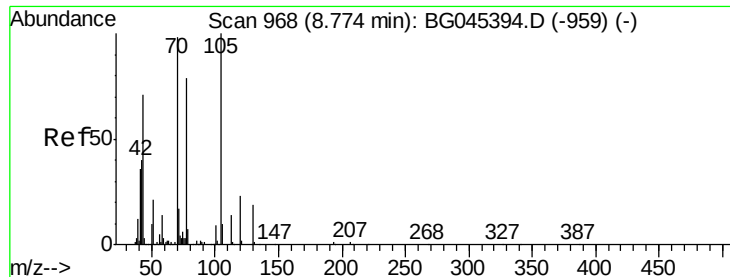
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

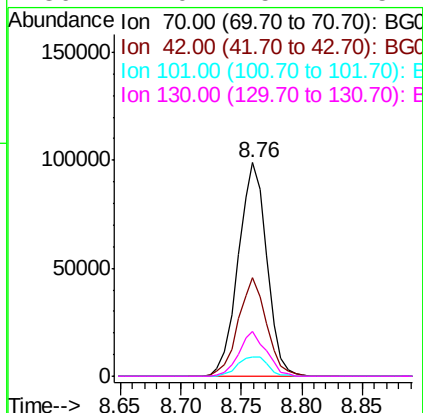
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 51.733 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.2	33.2	49.8		
101	9.3	7.8	11.6		
130	21.0	15.4	23.2		



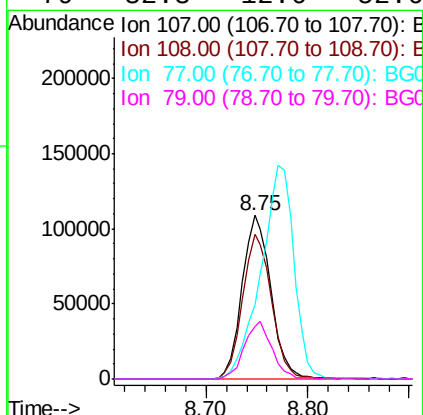
Instrument :
BNA_G
ClientSampleId :
SPMS

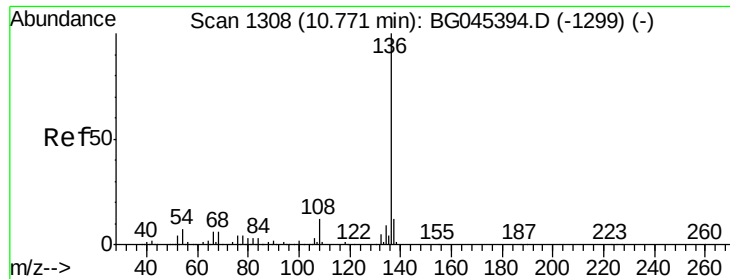
Manual Integrations
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#20
3+4-Methylphenols
Concen: 44.873 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.6	70.3	110.3		
77	45.2	15.4	55.4		
79	32.3	12.6	52.6		





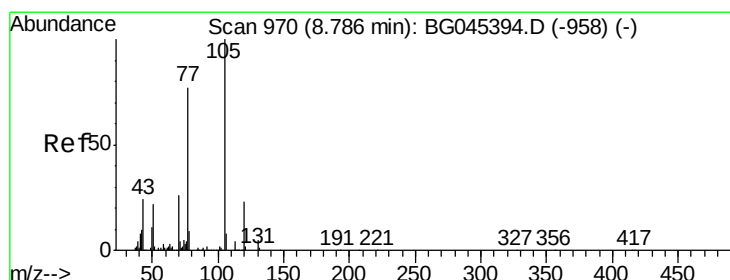
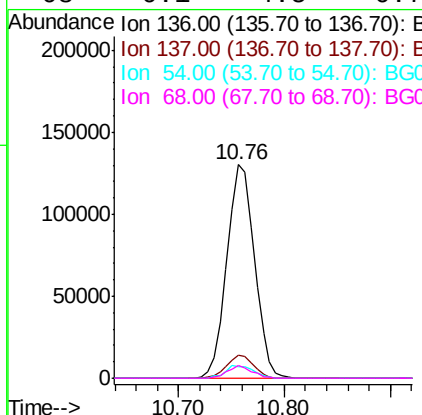
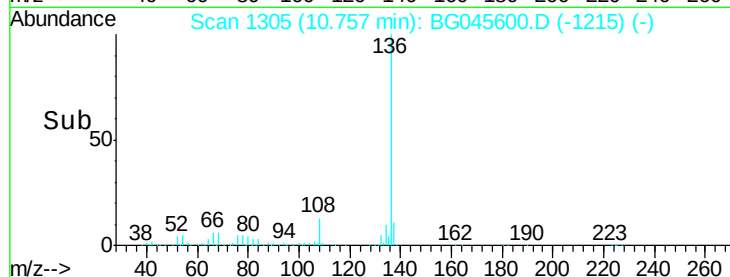
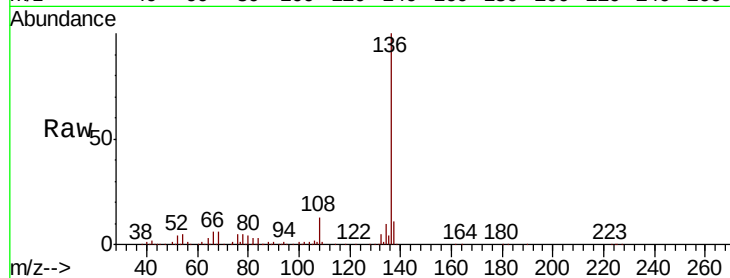
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		235879		
137	10.9		9.4	14.2	
54	5.4		5.8	8.6	
68	6.1		4.5	6.7	

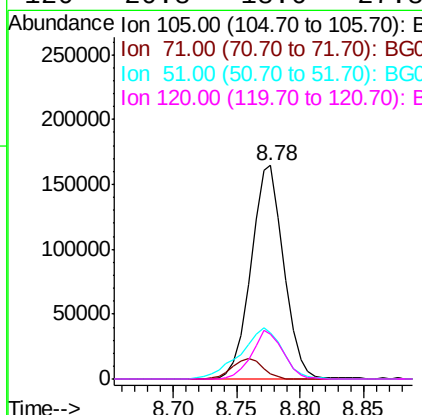
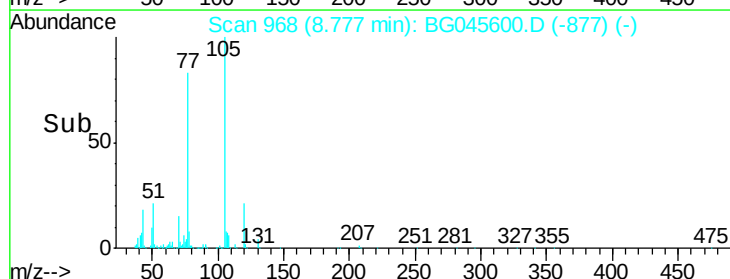
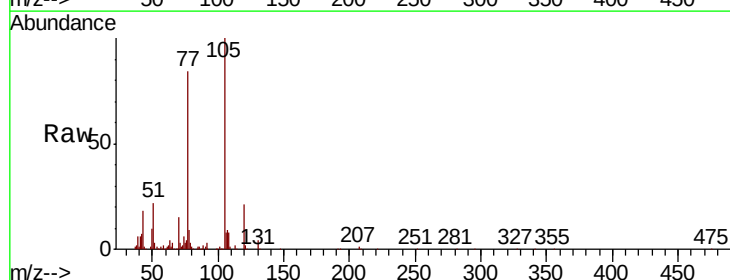
Manual Integrations
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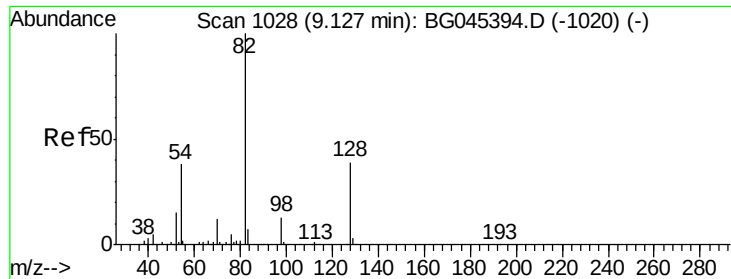
mohammad
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#22
Acetophenone
Concen: 52.911 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		295802		
71	2.5		3.4	5.0	
51	21.9		18.2	27.2	
120	20.8		18.6	27.8	





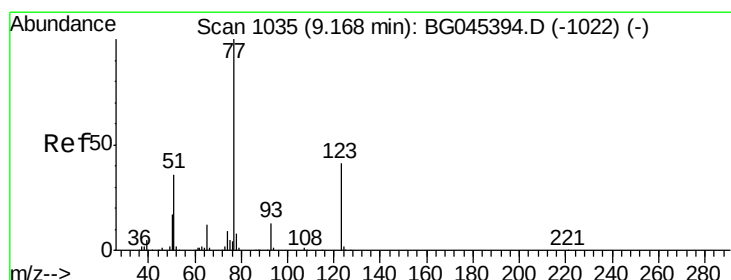
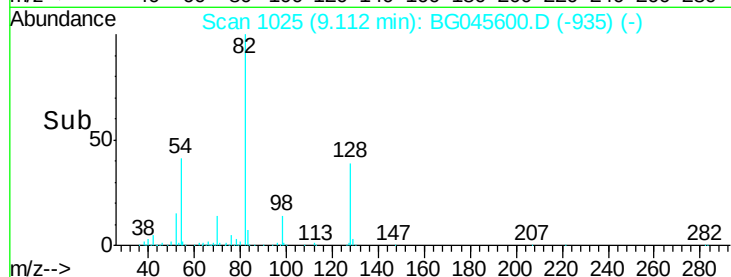
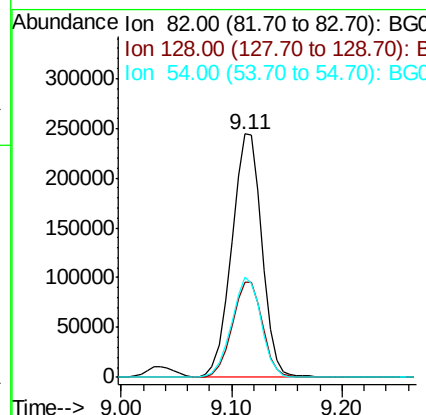
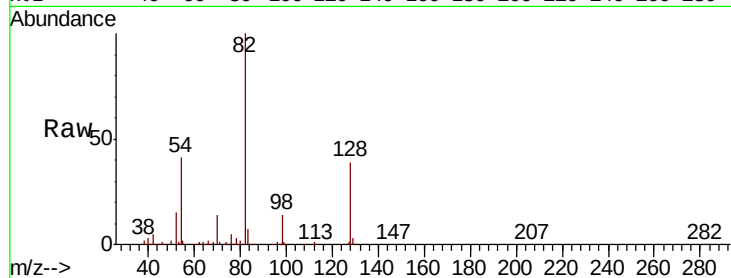
#23
 Nitrobenzene-d5
 Concen: 107.346 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.9	46.3
54	41.1	30.3	45.5

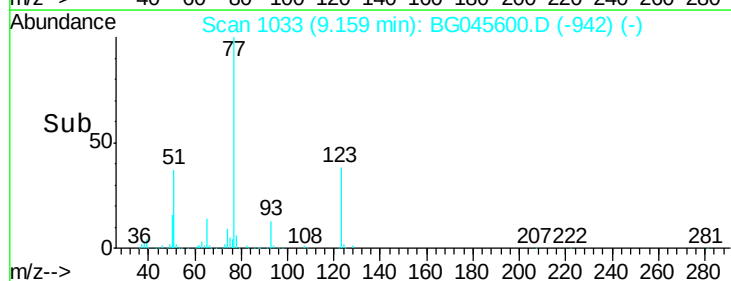
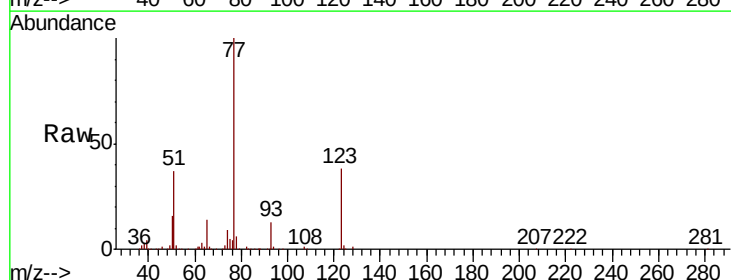
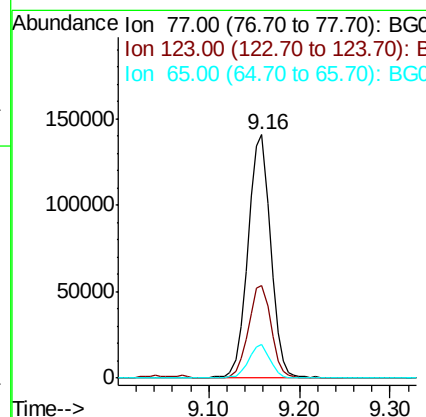
Manual Integrations
 APPROVED

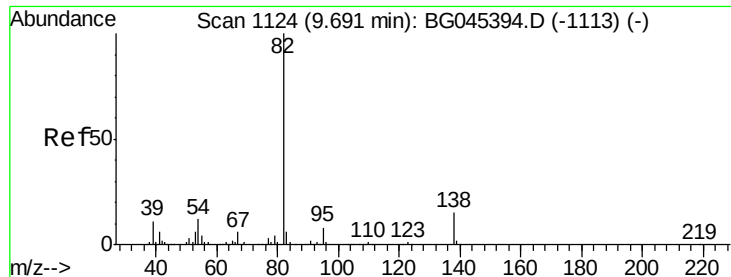
mohammad
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#24
 Nitrobenzene
 Concen: 52.936 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	32.9	49.3
65	13.7	9.4	14.2





#25

Isophorone

Concen: 52.802 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

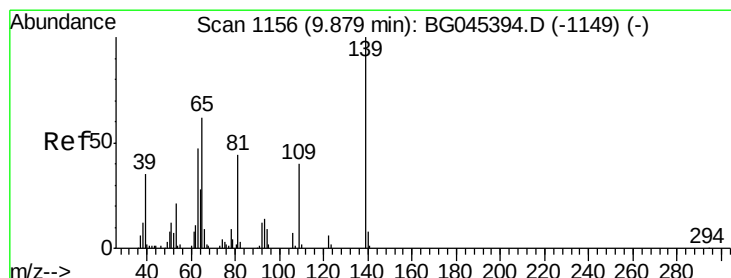
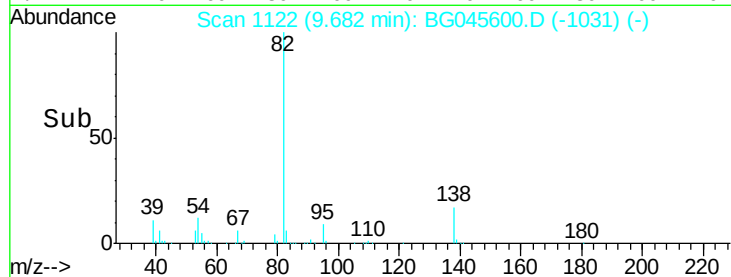
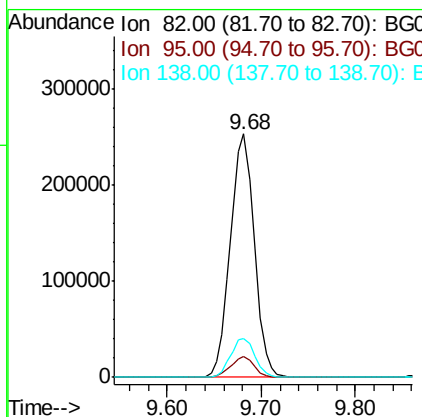
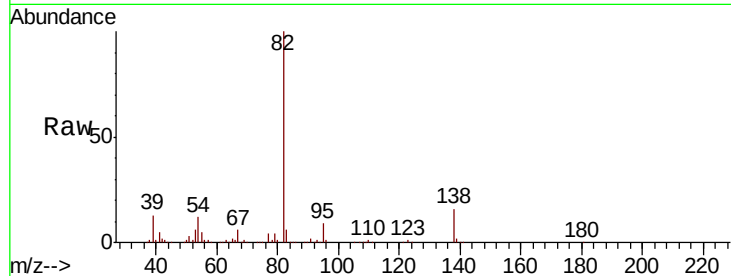
ClientSampleId :

SPMS

Tot Ion:	82	Resp:	449800
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.7	10.1
138	16.2	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.020 ng

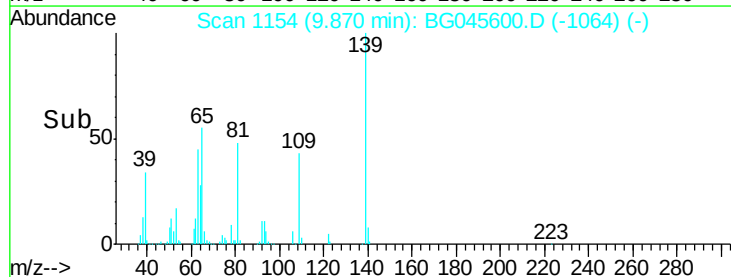
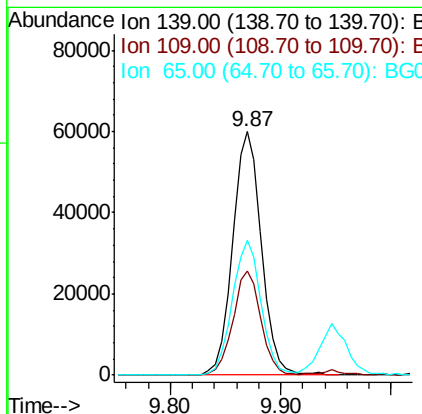
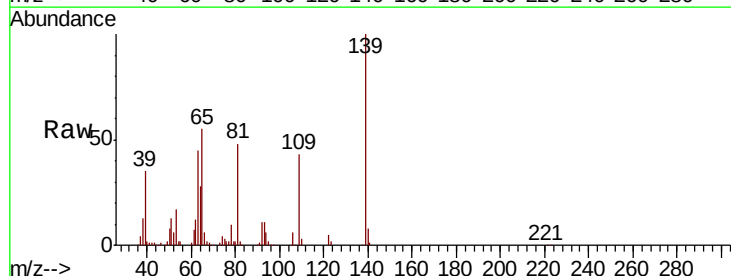
RT: 9.87 min Scan# 1154

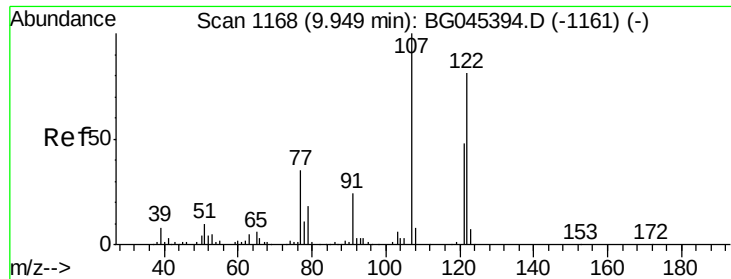
Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	139	Resp:	109078
Ion Ratio	Lower	Upper	
139	100		
109	42.6	32.2	48.4
65	55.2	49.6	74.4





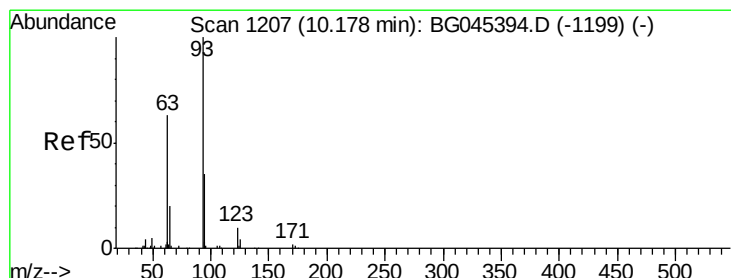
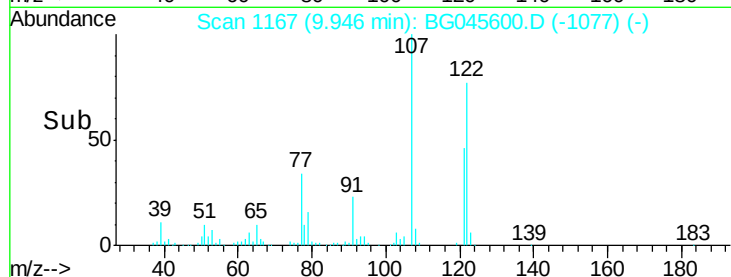
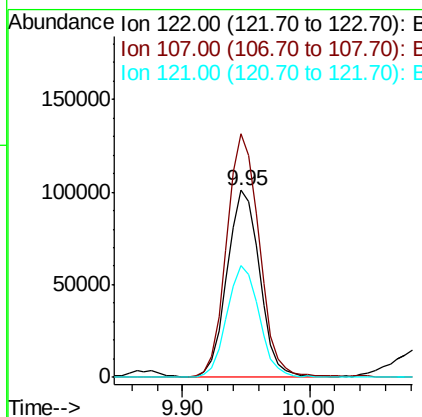
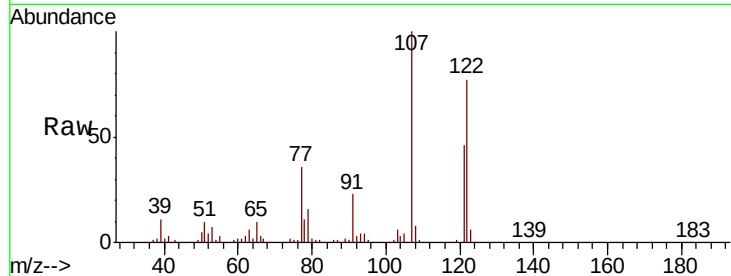
#27
2,4-Dimethylphenol
Concen: 61.075 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	179583		
107	130.2	99.0	148.4	
121	59.6	47.7	71.5	

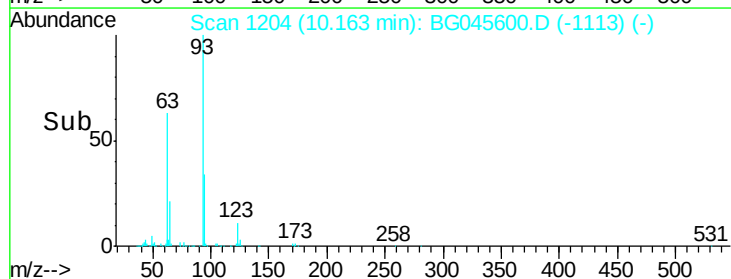
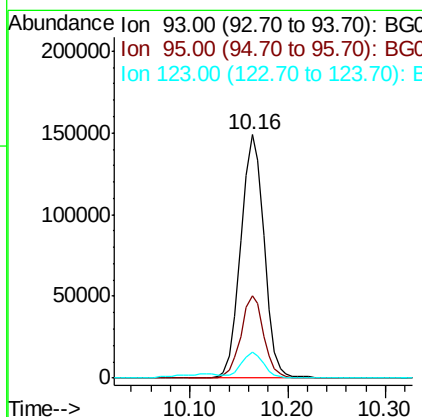
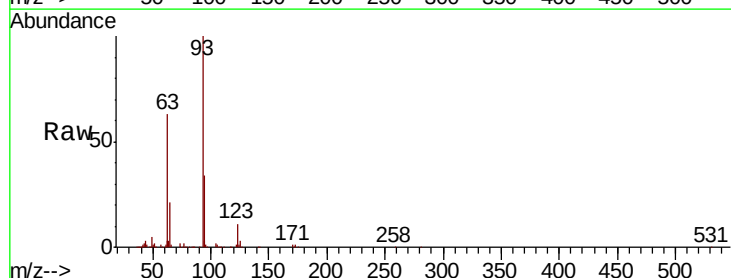
Manual Integrations
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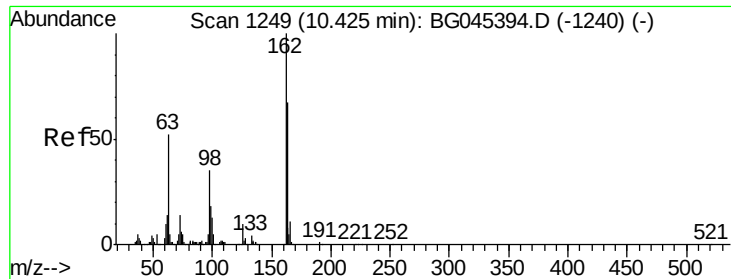
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 55.724 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248944		
95	33.6	27.6	41.4	
123	10.6	8.1	12.1	





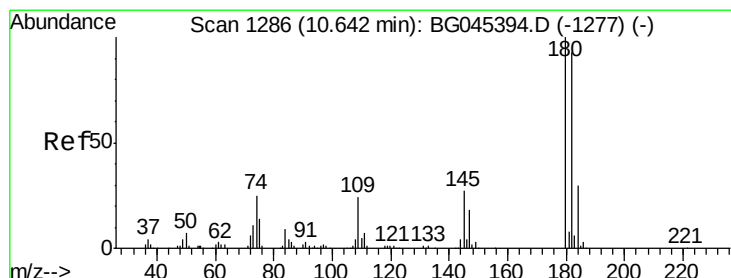
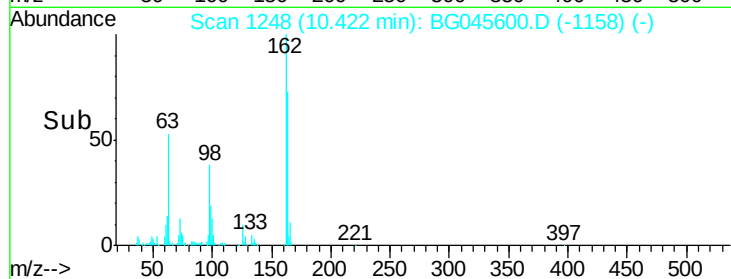
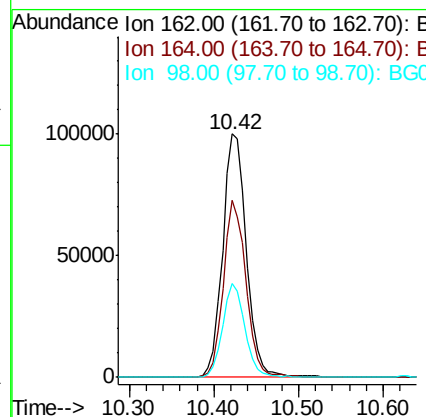
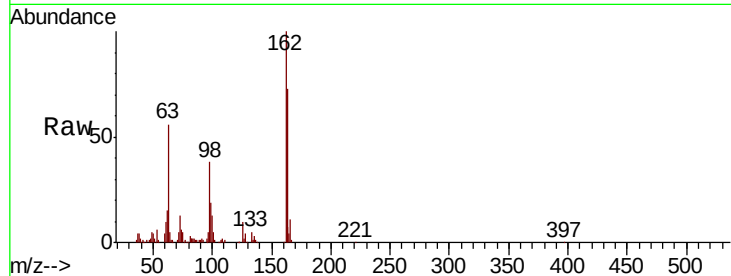
#29
 2,4-Dichlorophenol
 Concen: 56.458 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	72.7	46.8	86.8
98	38.4	15.2	55.2

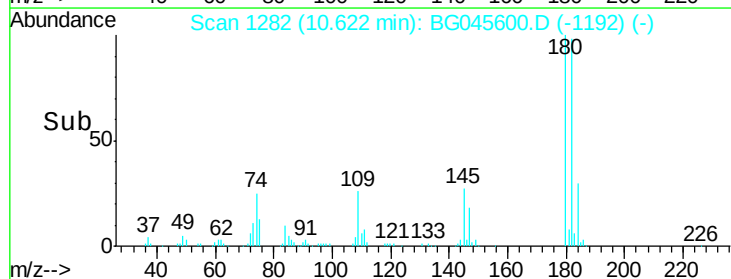
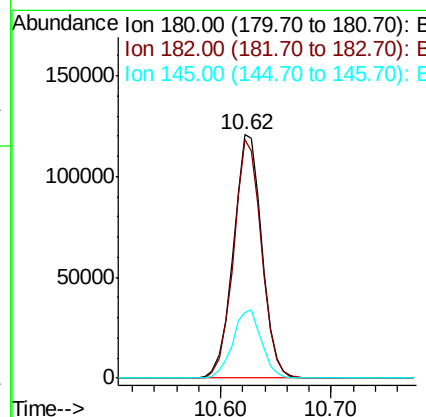
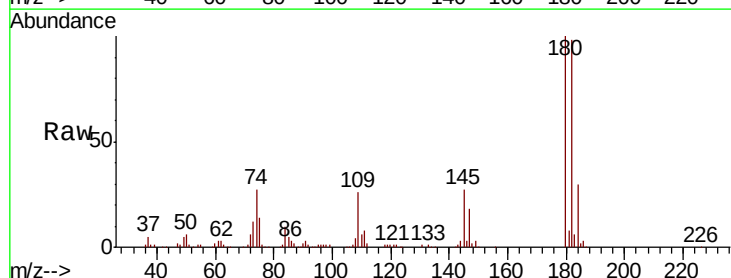
Manual Integrations
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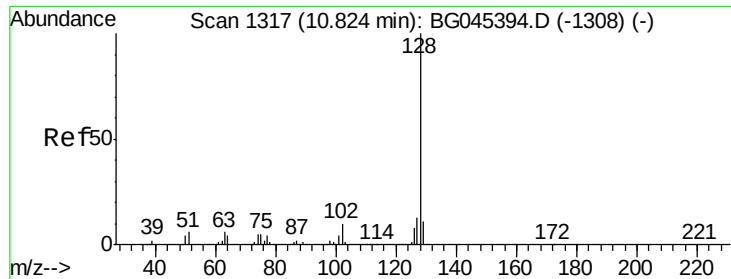
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.063 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.0	74.8	112.2
145	26.9	21.9	32.9





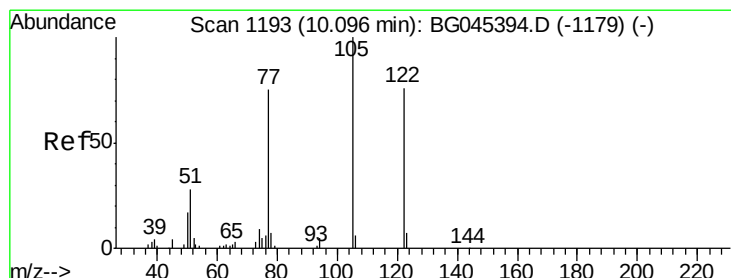
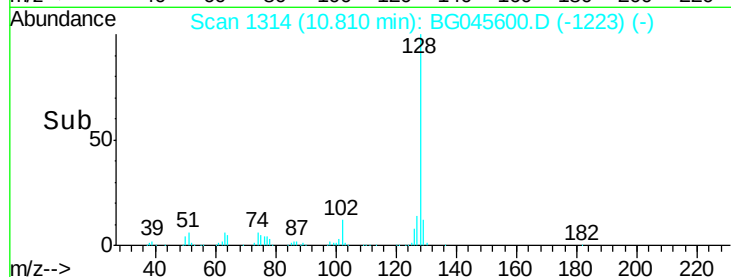
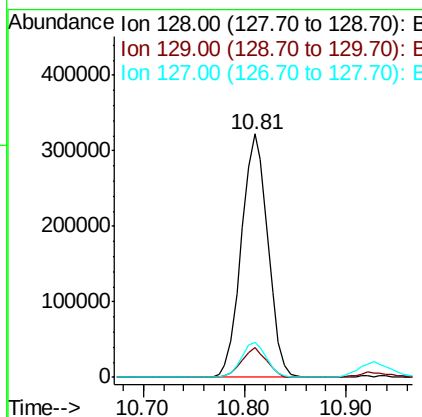
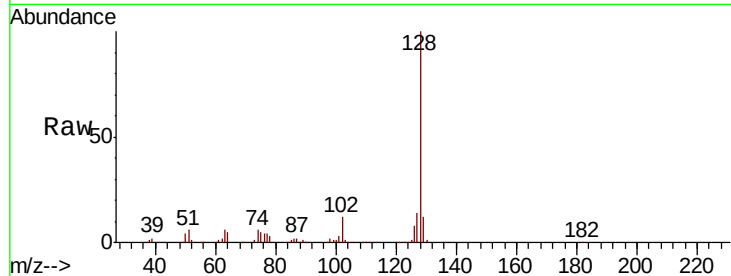
#31
Naphthalene
Concen: 53.130 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	12.1	9.0	13.6
127	14.1	10.7	16.1

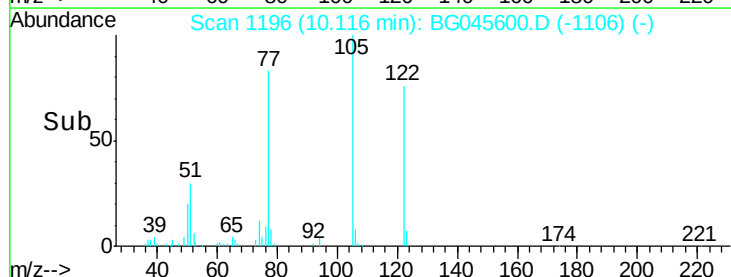
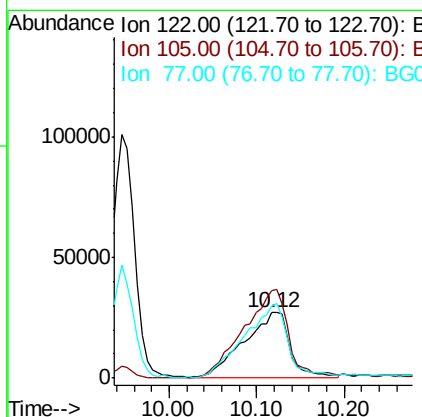
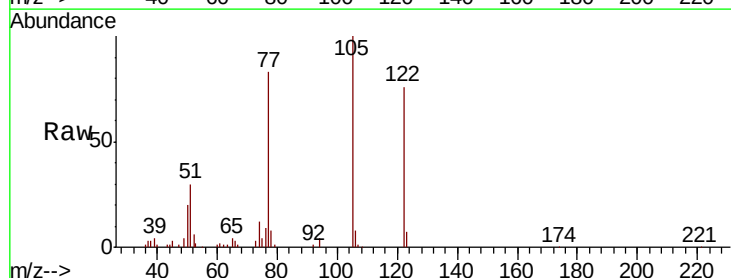
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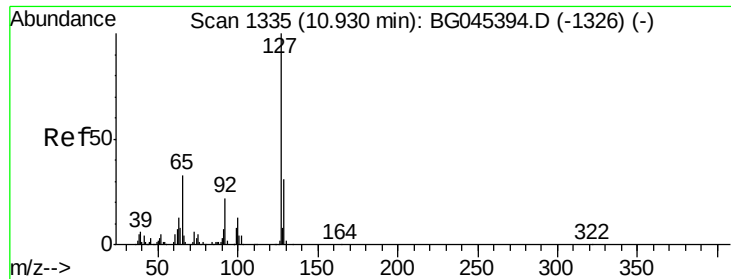
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#32
Benzoic acid
Concen: 47.662 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	132.4	107.9	147.9
77	110.0	78.9	118.9





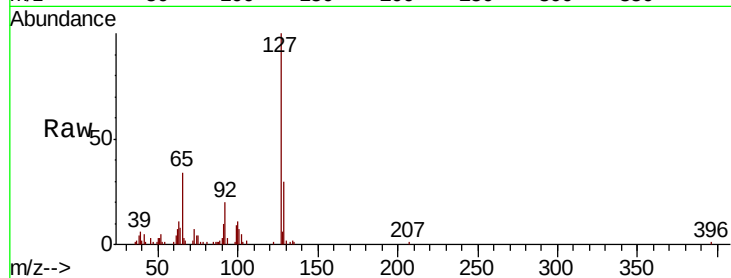
#33
4-Chloroaniline
Concen: 10.109 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

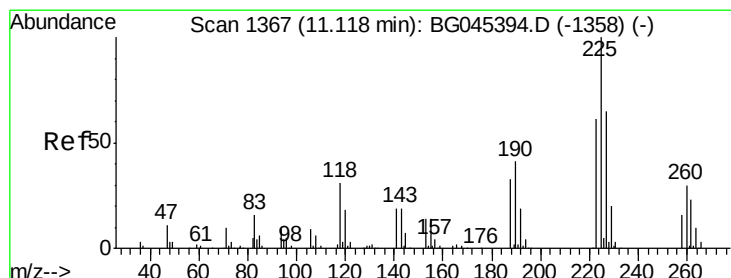
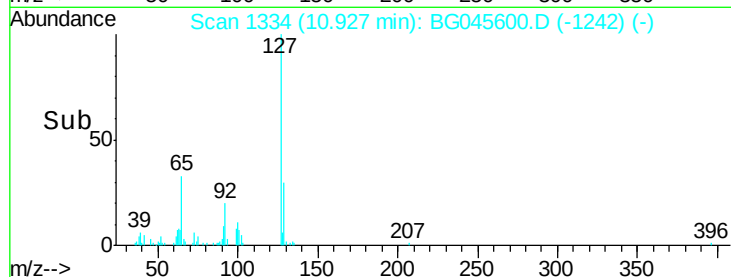
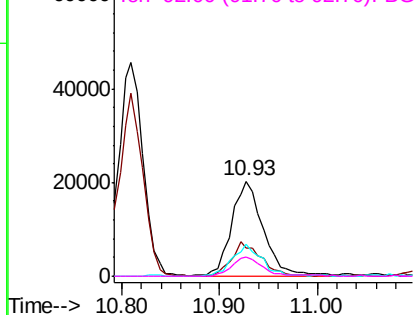
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.7	37.1
65	33.5	26.2	39.2
92	20.0	17.9	26.9

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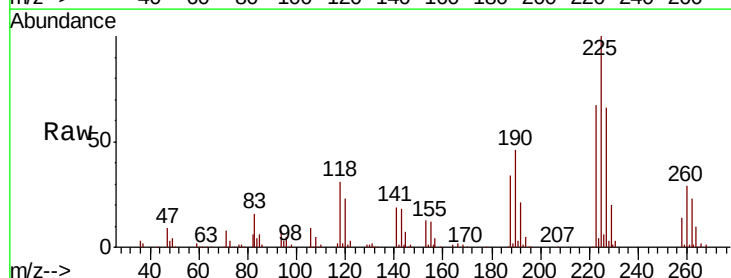


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

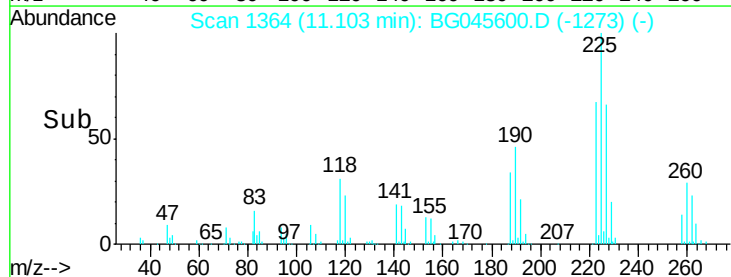
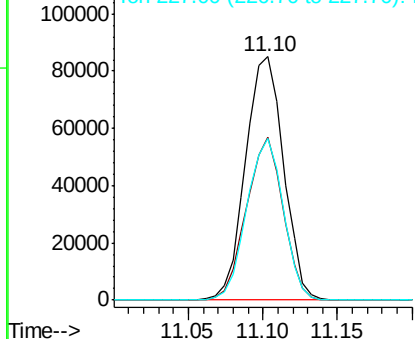


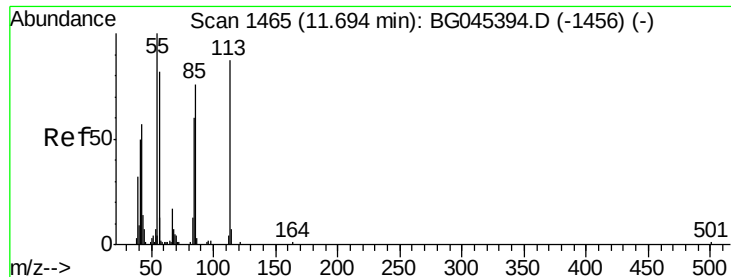
#34
Hexachlorobutadiene
Concen: 51.644 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	49.1	73.7
227	66.3	52.0	78.0



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





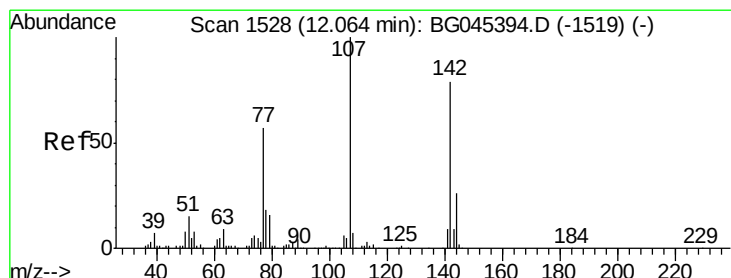
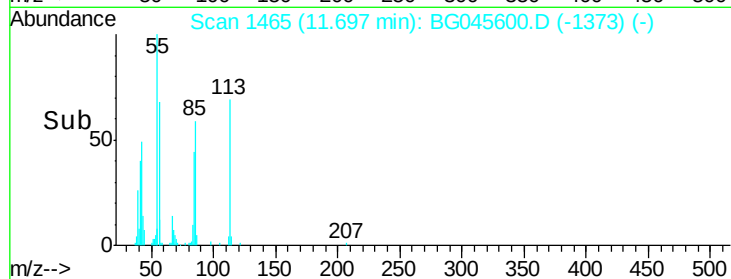
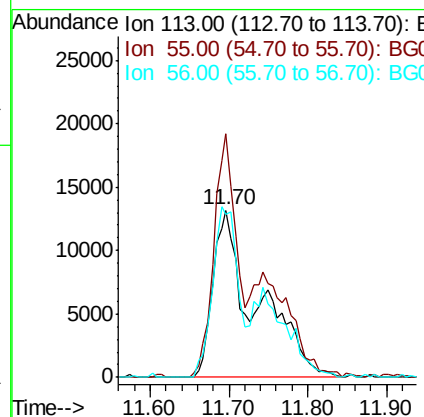
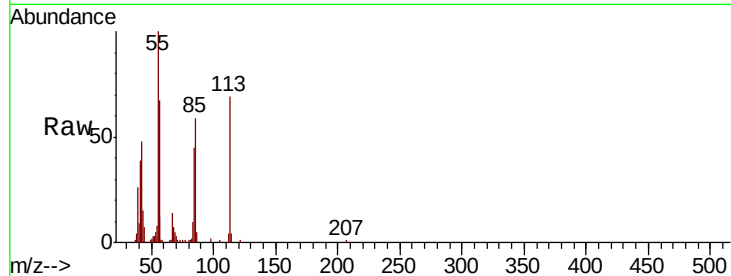
#35
Caprolactam
Concen: 39.651 ng/ml
RT: 11.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	145.6	96.0	136.0#		
56	97.7	75.1	115.1		

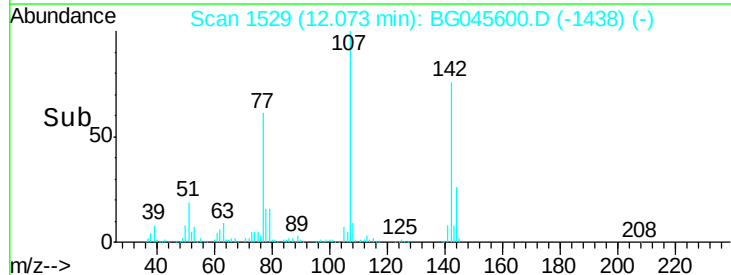
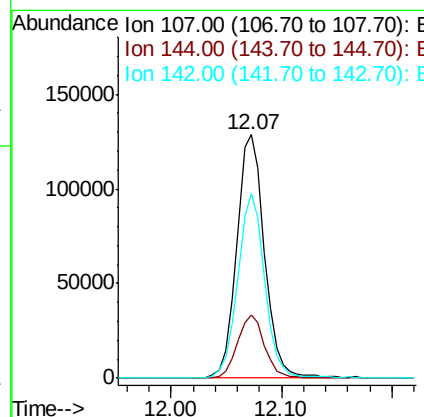
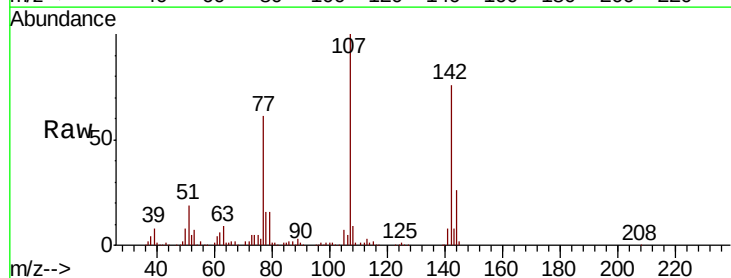
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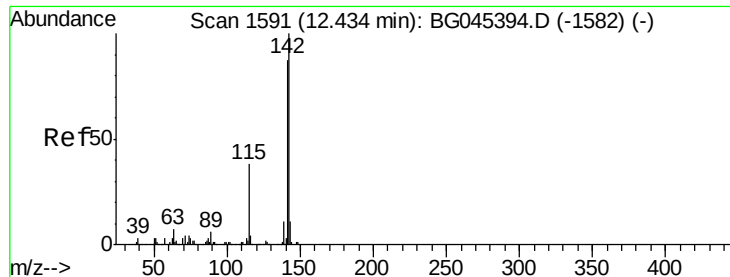
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#36
4-Chloro-3-methylphenol
Concen: 58.057 ng/ml
RT: 12.07 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7	20.8	31.2		
142	75.8	62.8	94.2		





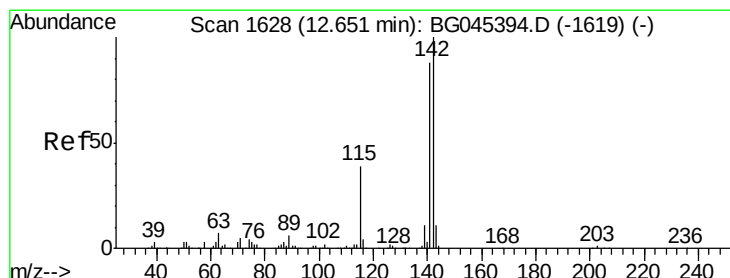
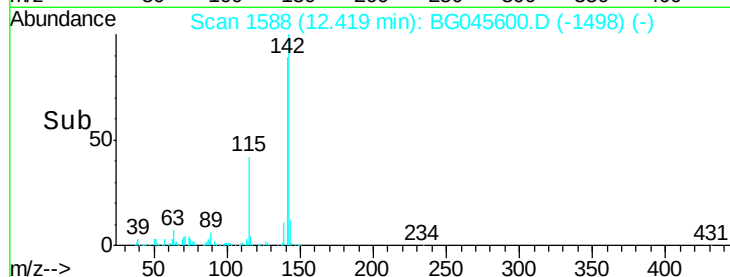
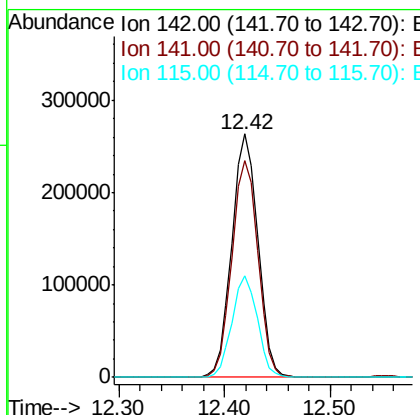
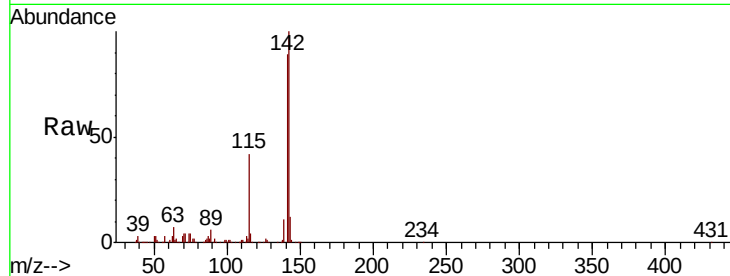
#37
2-Methylnaphthalene
Concen: 54.724 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.0	105.0
115	41.9	30.8	46.2

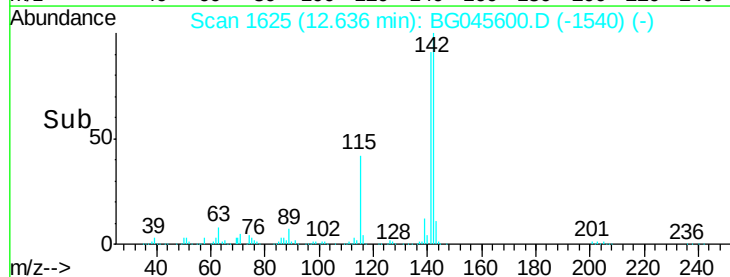
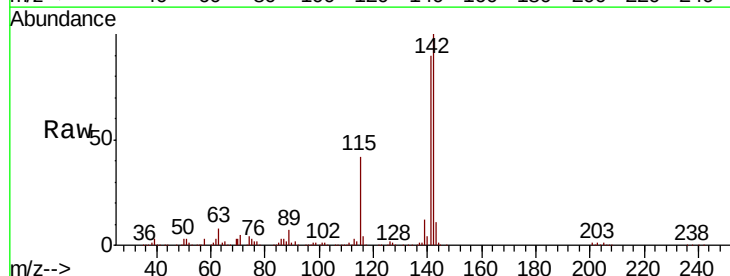
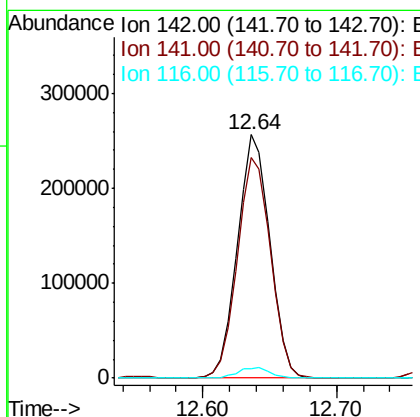
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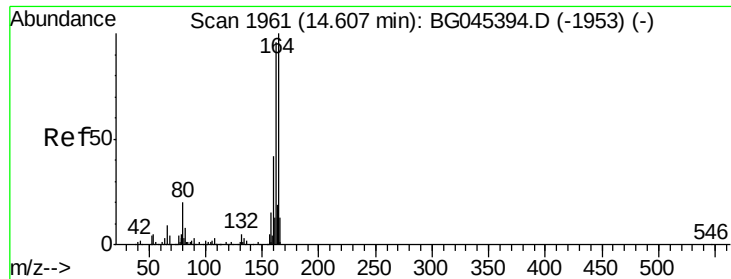
mohammad
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#38
1-Methylnaphthalene
Concen: 55.370 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
116	3.9	3.0	4.6





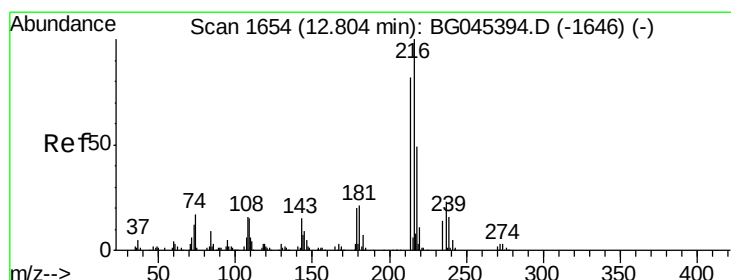
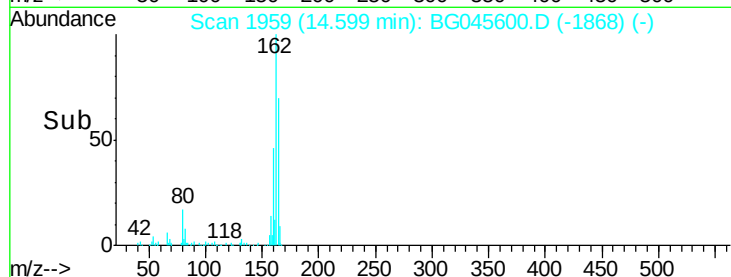
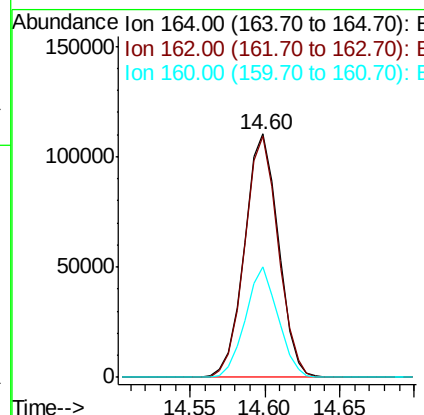
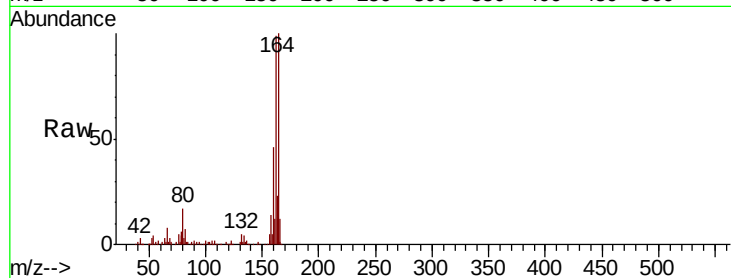
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	76.9	115.3
160	45.5	33.8	50.8

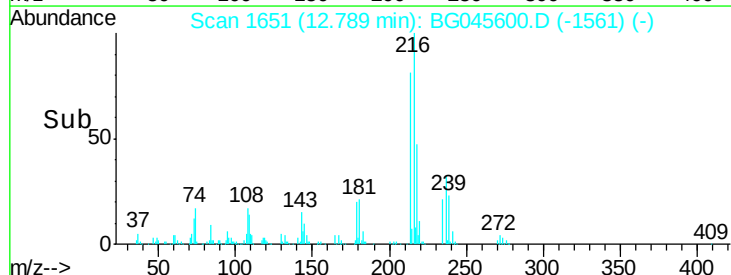
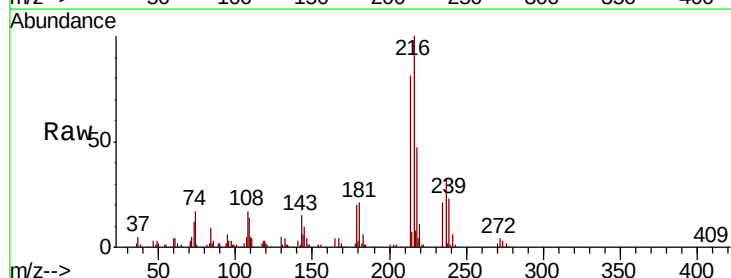
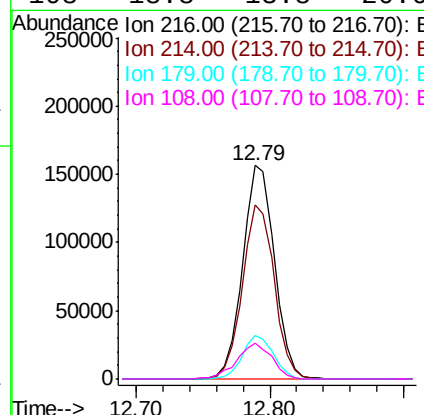
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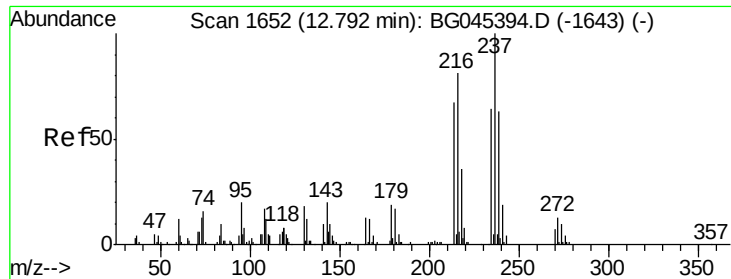
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.074 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.6	63.7	95.5
179	19.9	16.1	24.1
108	18.8	13.8	20.6





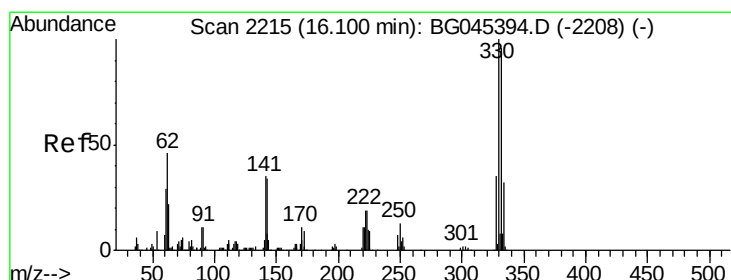
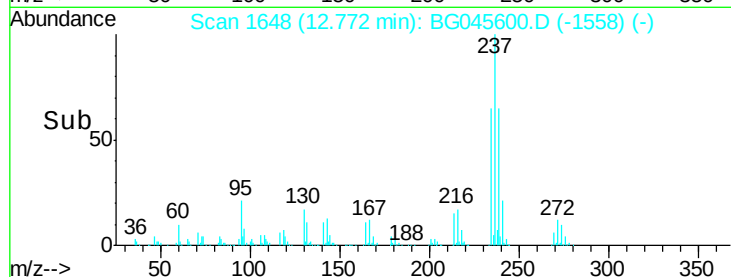
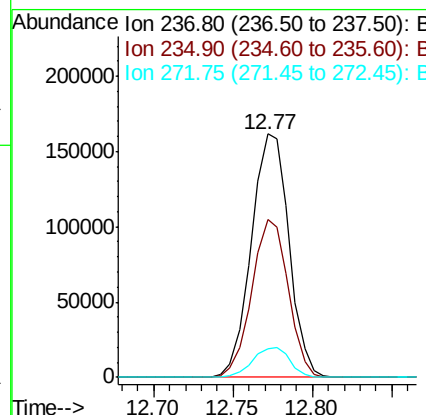
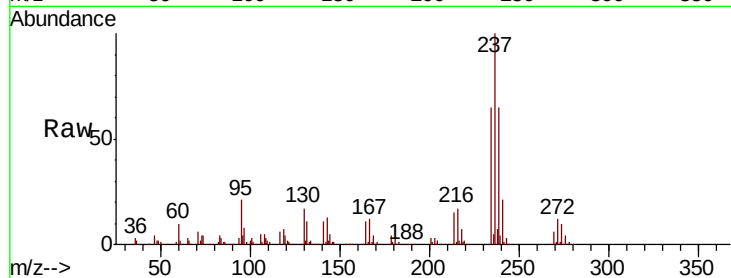
#41
Hexachlorocyclopentadiene
Concen: 95.569 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.0	44.4	84.4
272	11.7	0.0	32.5

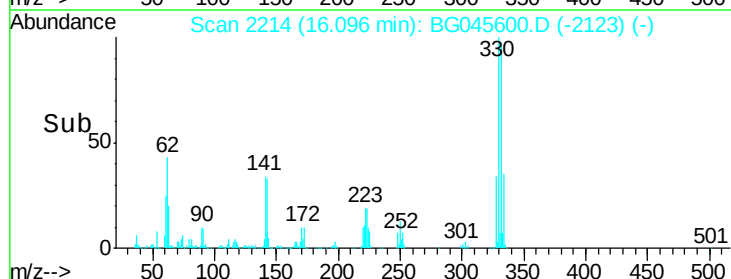
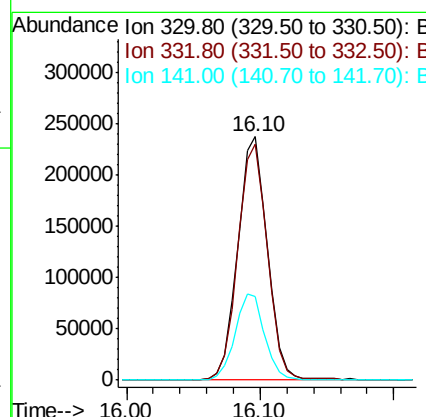
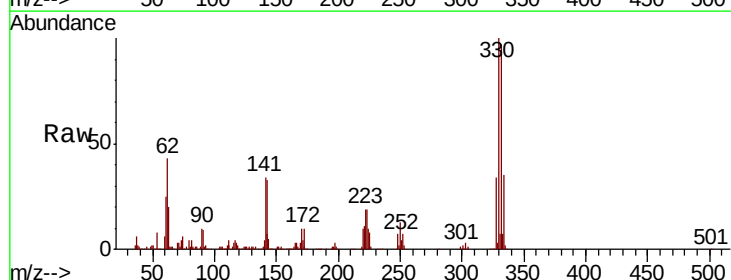
Manual Integrations
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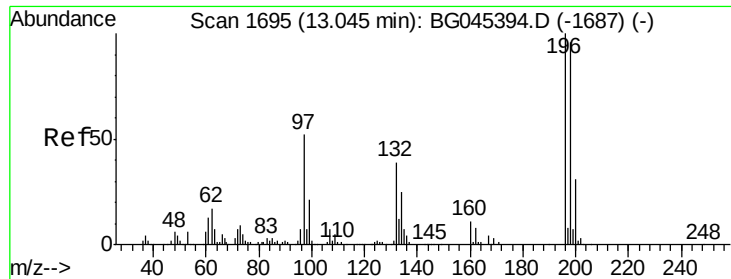
mohammad
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#42
2,4,6-Tribromophenol
Concen: 164.592 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	78.2	117.4
141	35.5	28.2	42.4





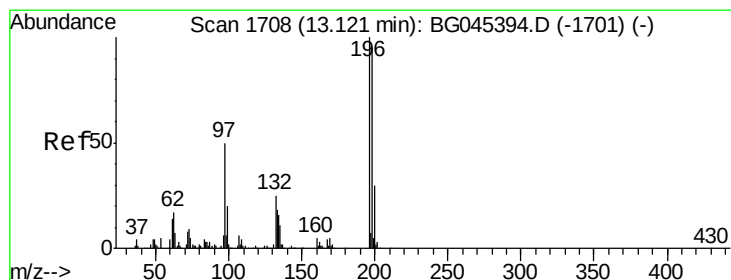
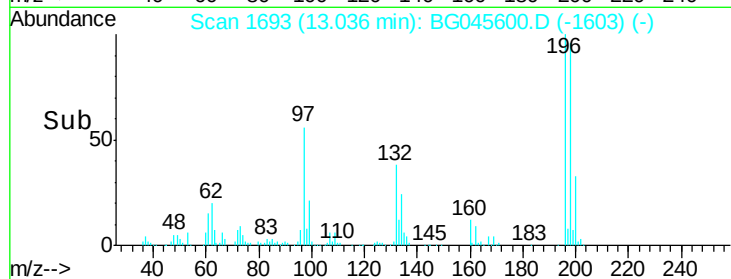
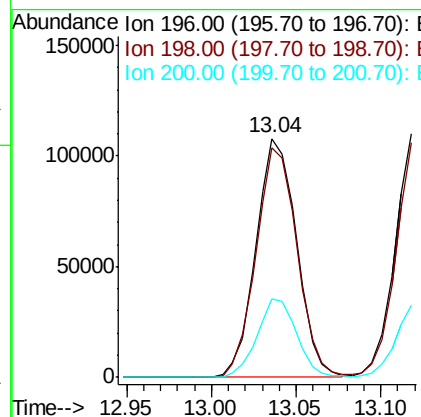
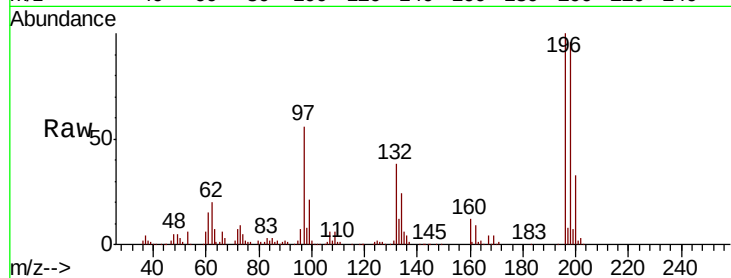
#43
 2,4,6-Trichlorophenol
 Concen: 53.599 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	179925		
198	96.0	76.7	115.1	
200	32.7	24.9	37.3	

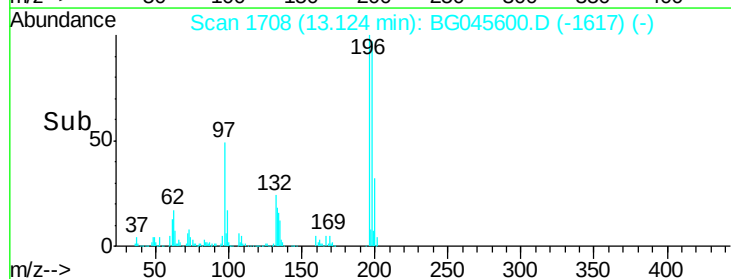
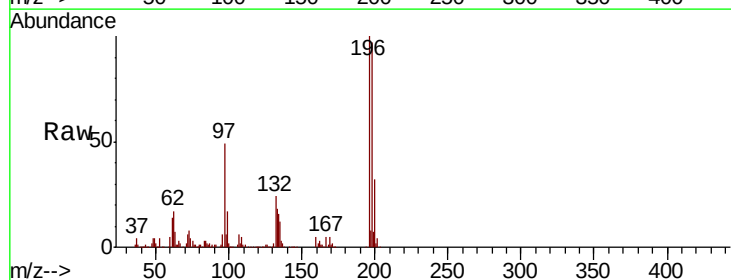
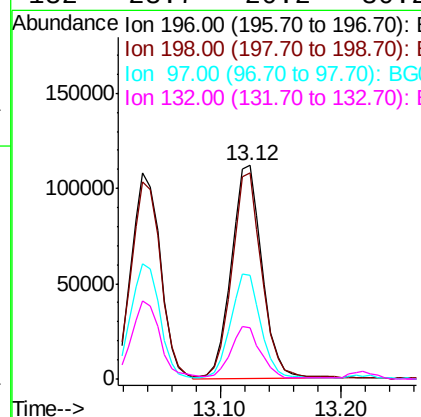
Manual Integrations
 APPROVED

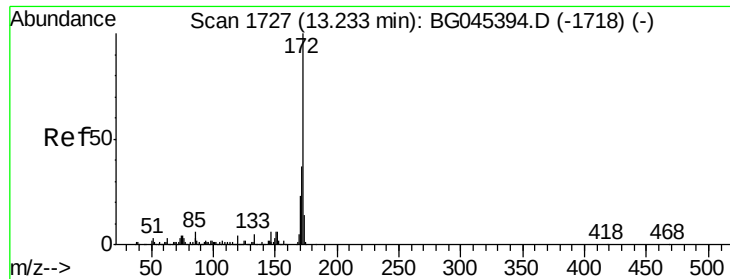
mohammad
 6/4/2020 12:11:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.575 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197843		
198	96.6	76.1	114.1	
97	48.7	40.0	60.0	
132	23.7	20.2	30.2	





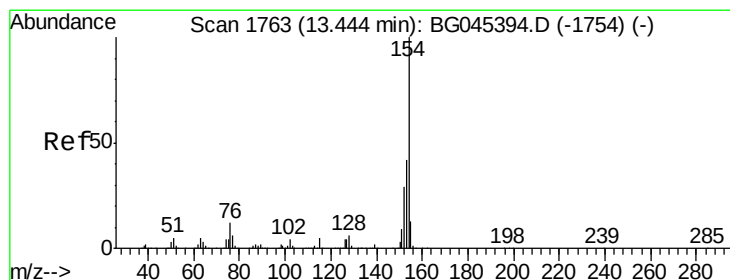
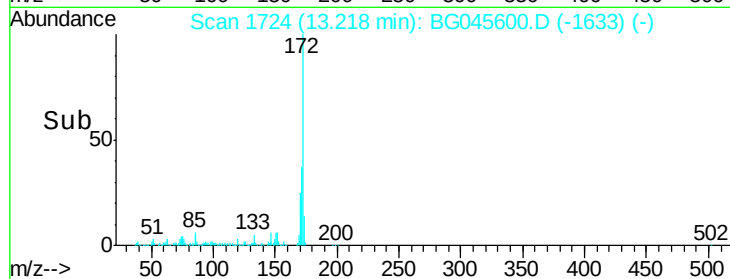
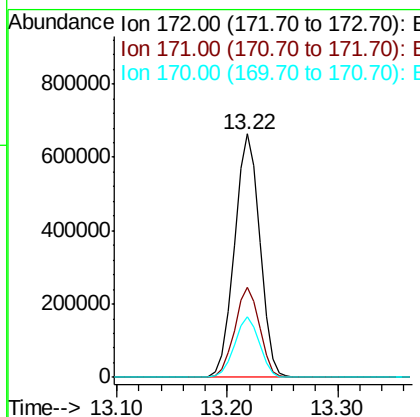
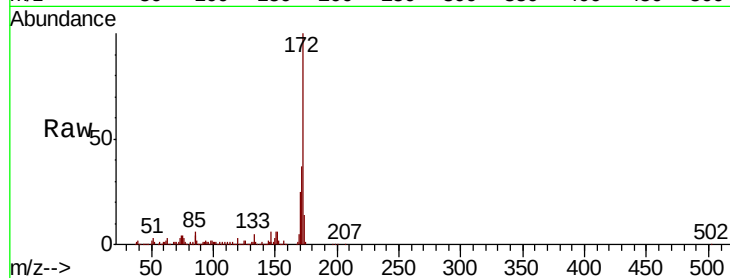
#45
2-Fluorobiphenyl
Concen: 104.740 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.8	18.5	27.7

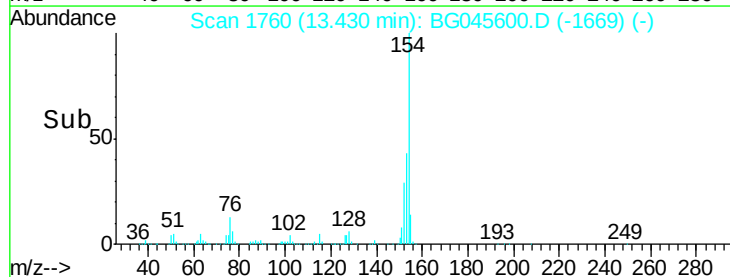
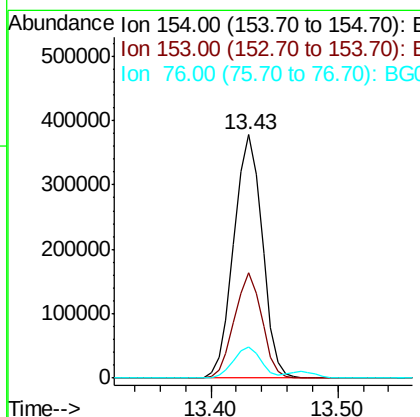
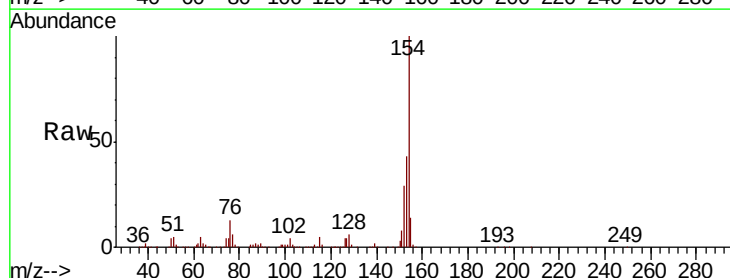
Manual Integrations
APPROVED

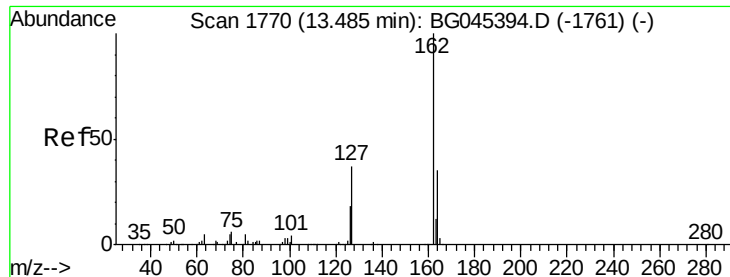
mohammad
6/4/2020 12:11:44 PM



#46
1,1'-Biphenyl
Concen: 55.178 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.2	62.2
76	13.0	0.0	32.4





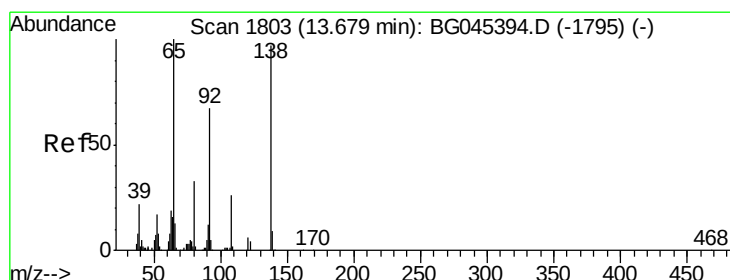
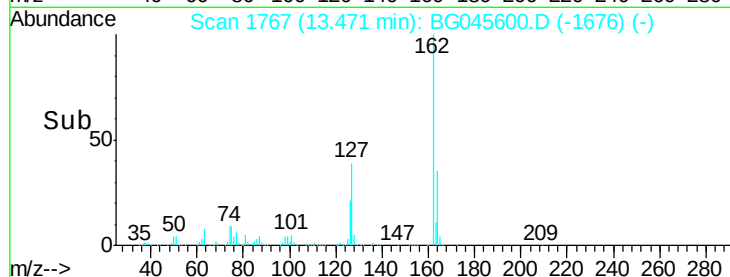
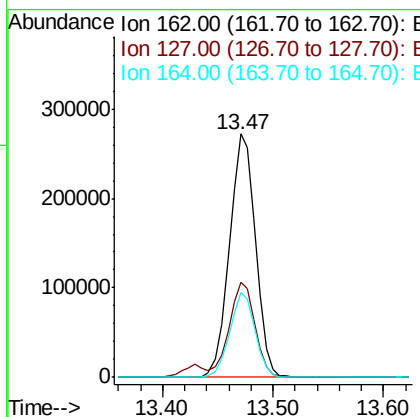
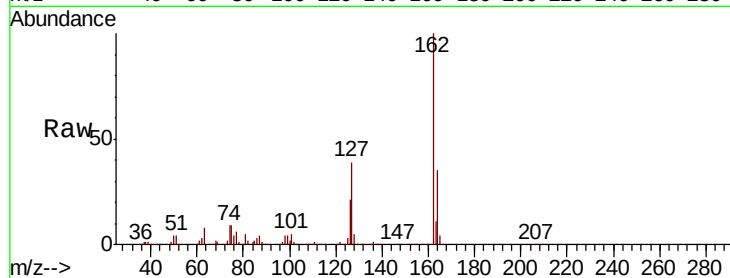
#47
2-Chloronaphthalene
Concen: 52.158 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	34.7	28.1	42.1

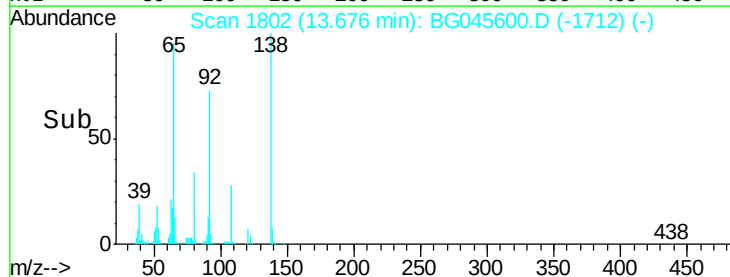
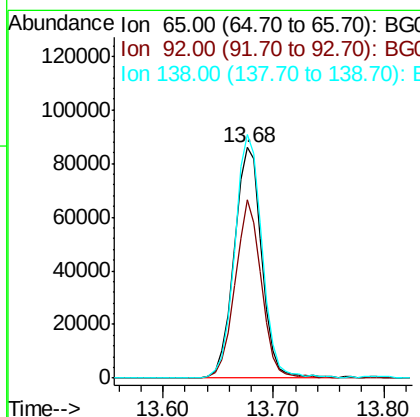
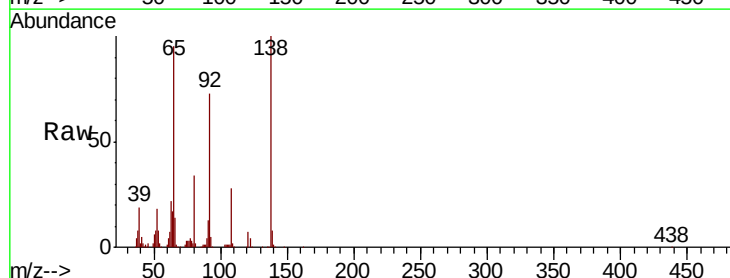
Manual Integrations
APPROVED

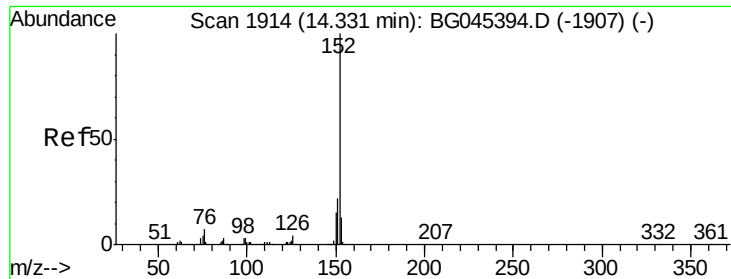
mohammad
6/4/2020 12:11:44 PM



#48
2-Nitroaniline
Concen: 52.977 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.4	53.8	80.8
138	105.8	77.9	116.9





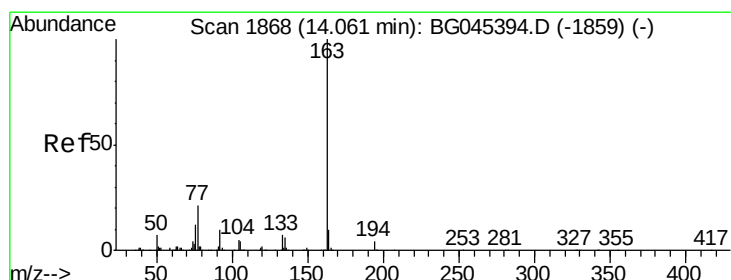
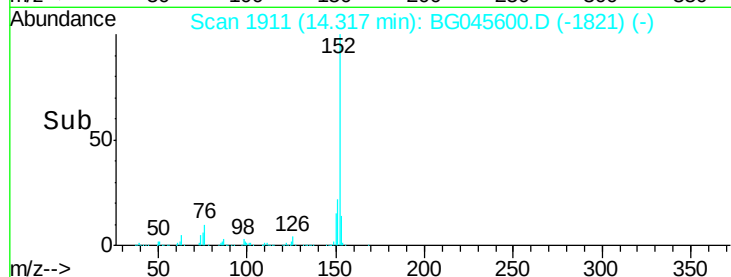
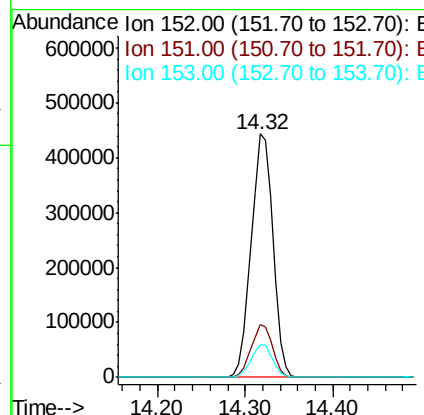
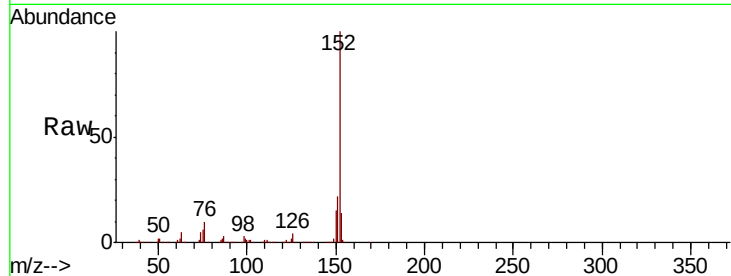
#49
Acenaphthylene
Concen: 54.014 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2
153	13.5	10.7	16.1

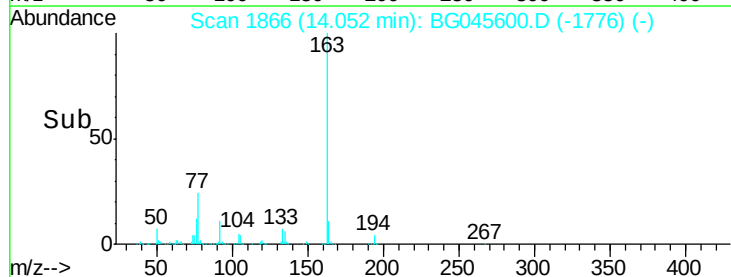
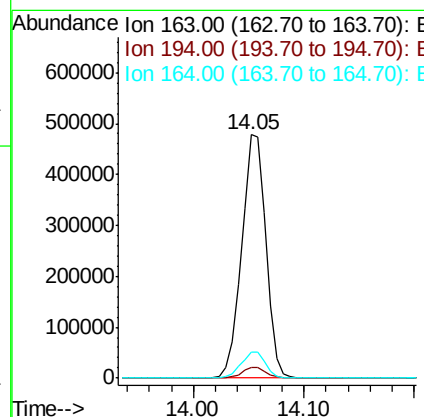
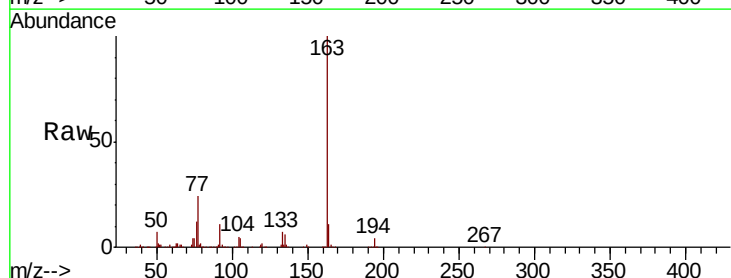
Manual Integrations
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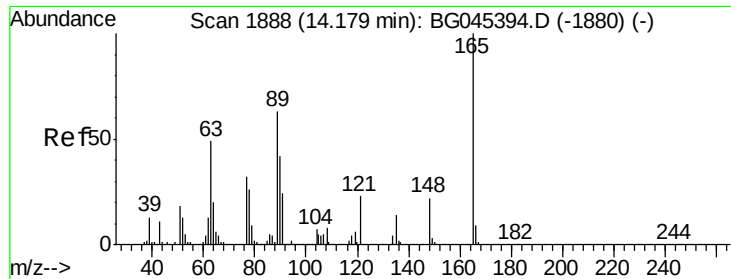
mohammad
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#50
Dimethylphthalate
Concen: 62.142 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.9	8.3	12.5





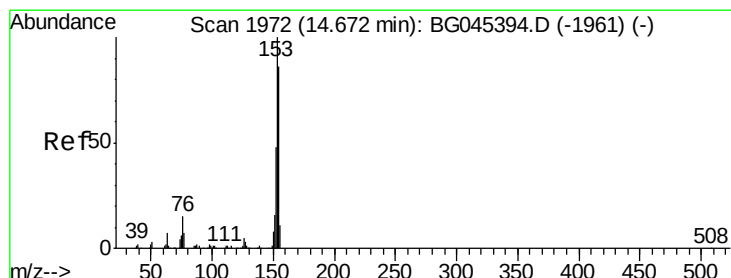
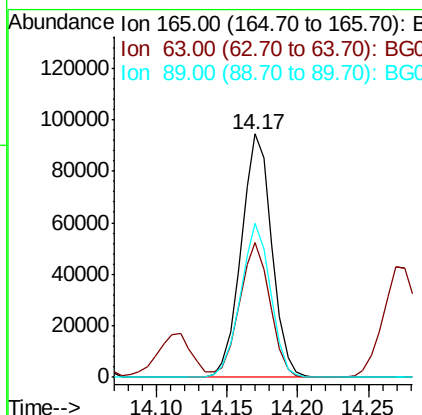
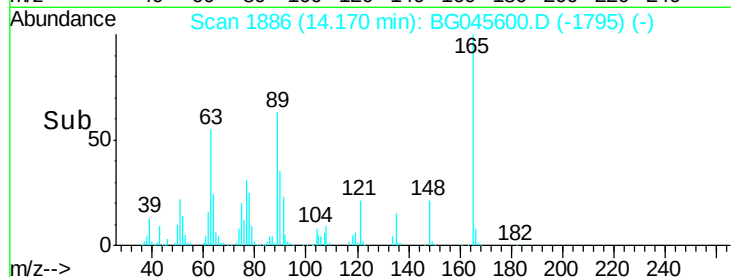
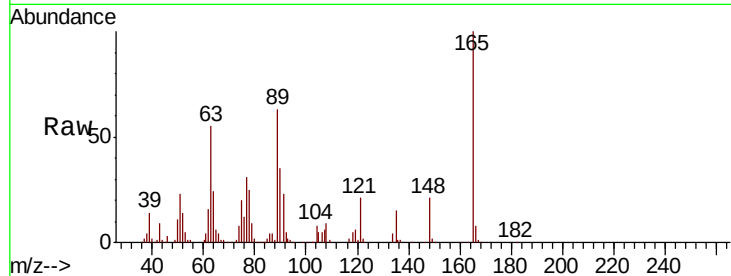
#51
 2,6-Dinitrotoluene
 Concen: 53.357 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	142893		
63	55.4	45.0	67.4	
89	63.4	50.2	75.4	

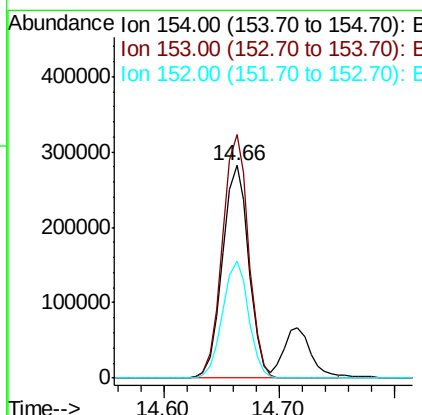
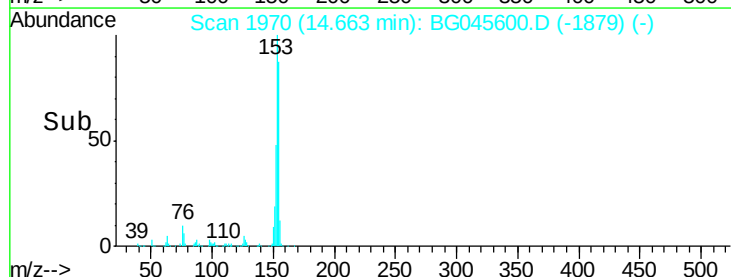
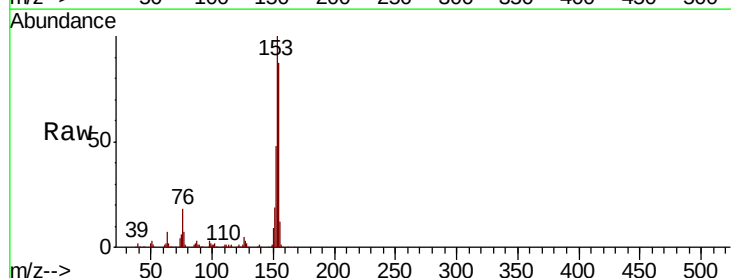
Manual Integrations
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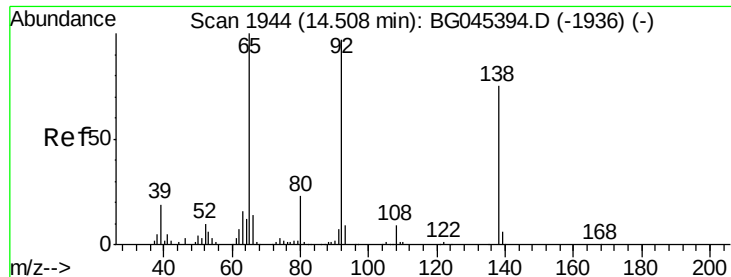
mohammad
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#52
 Acenaphthene
 Concen: 59.826 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	555282		
153	114.7	92.8	139.2	
152	55.3	44.6	66.8	





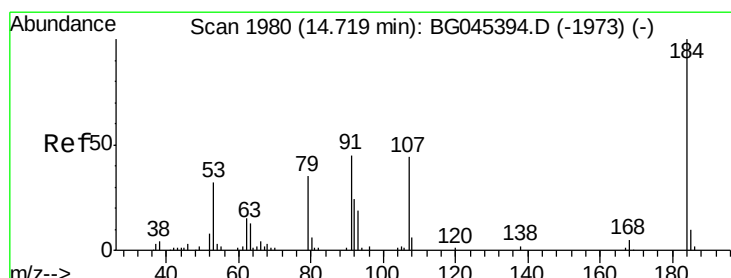
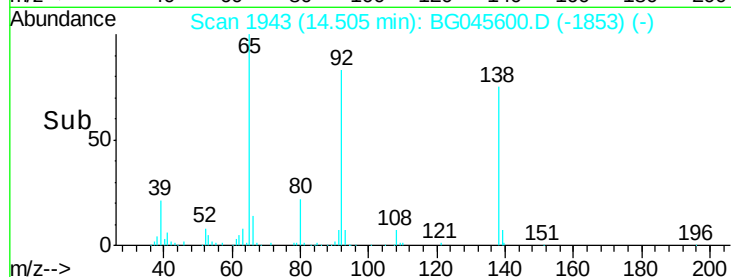
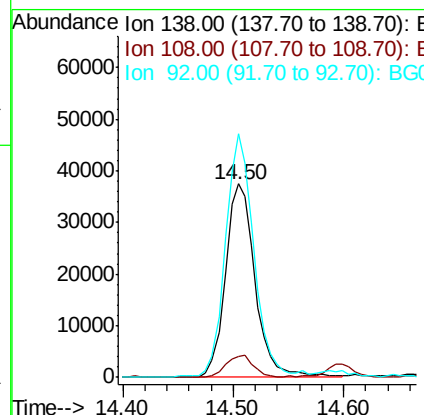
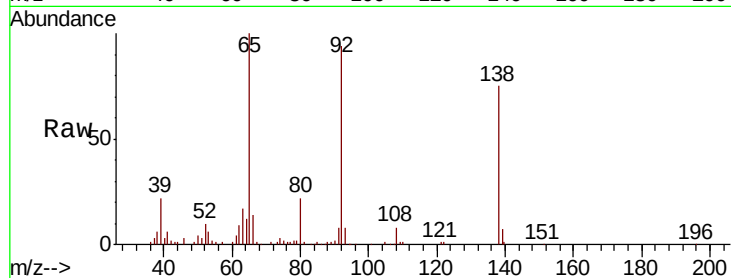
#53
3-Nitroaniline
Concen: 25.831 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:138 Resp: 70322
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 125.7 103.0 154.4

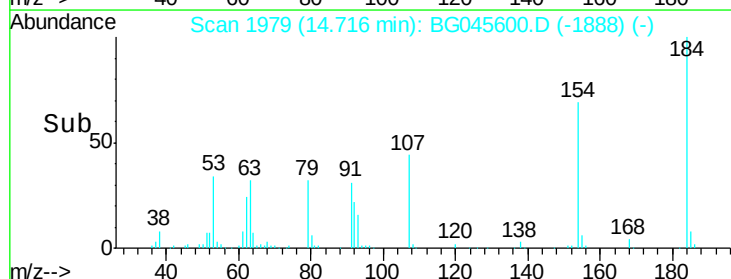
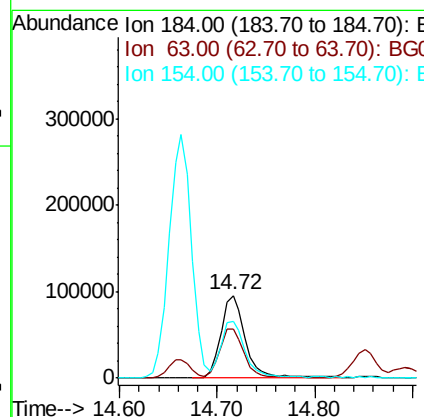
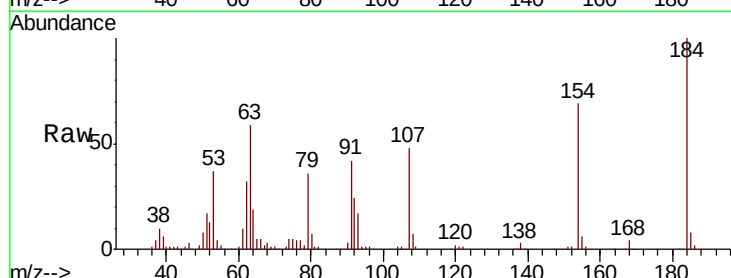
Manual Integrations
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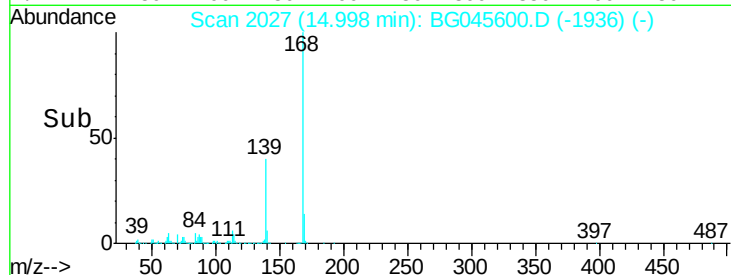
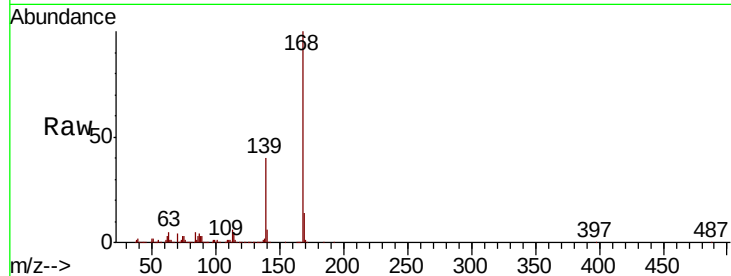
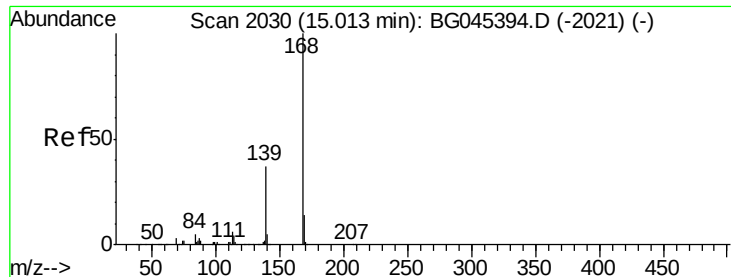
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.878 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion:184 Resp: 166475
Ion Ratio Lower Upper
184 100
63 59.2 47.8 71.6
154 69.1 58.3 87.5





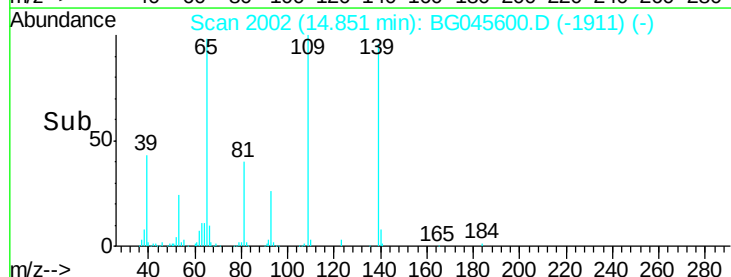
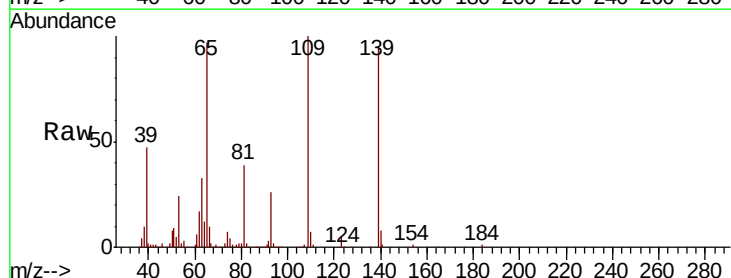
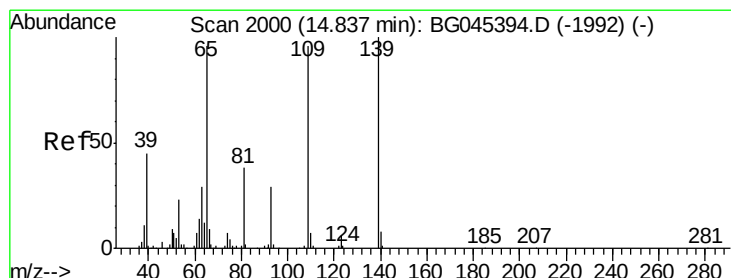
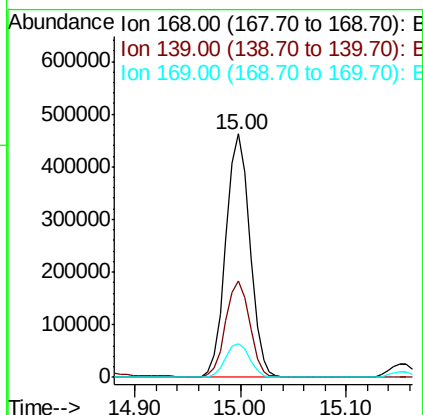
#55
Dibenzofuran
Concen: 52.868 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	14.1	10.9	16.3

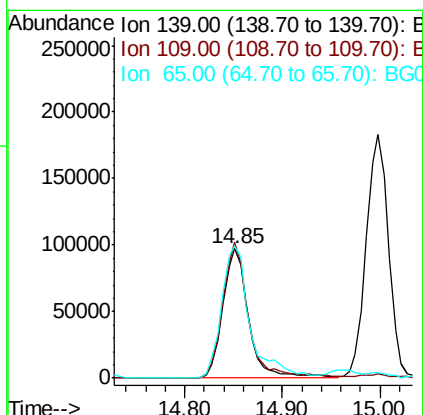
Manual Integrations
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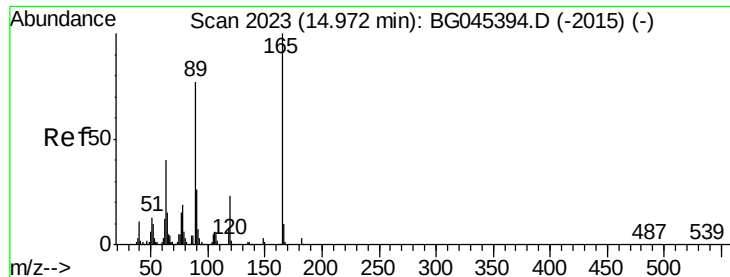
mohammad
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#56
4-Nitrophenol
Concen: 86.919 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.6	75.6	115.6
65	102.8	76.8	116.8





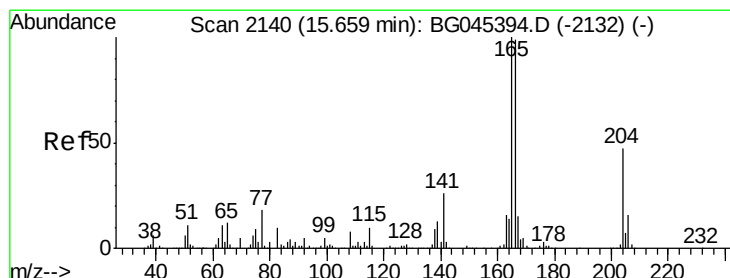
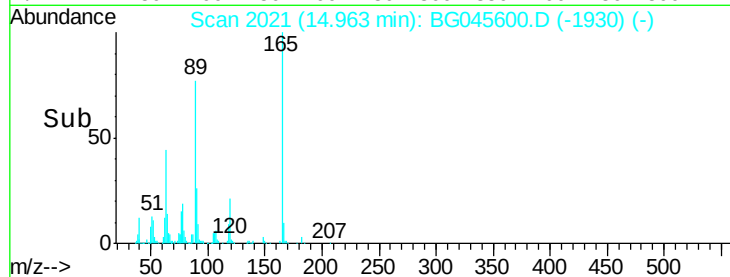
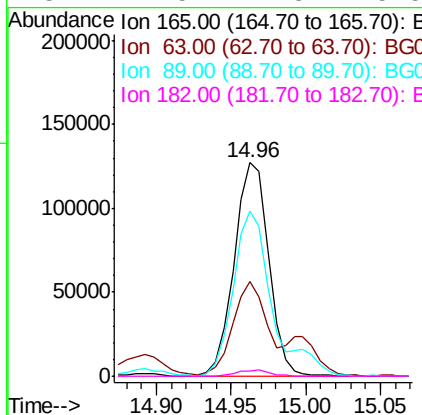
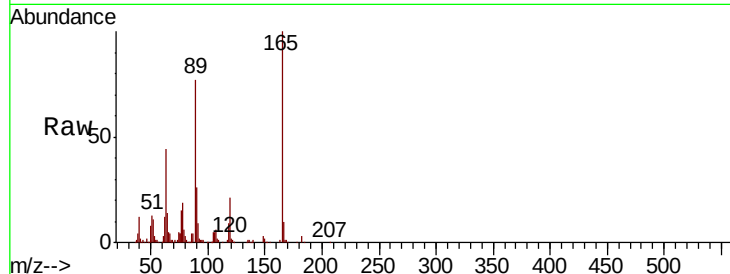
#57
2,4-Dinitrotoluene
Concen: 52.796 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		204772		
63	44.3	32.5		48.7	
89	77.3	61.8		92.6	
182	2.5	2.3		3.5	

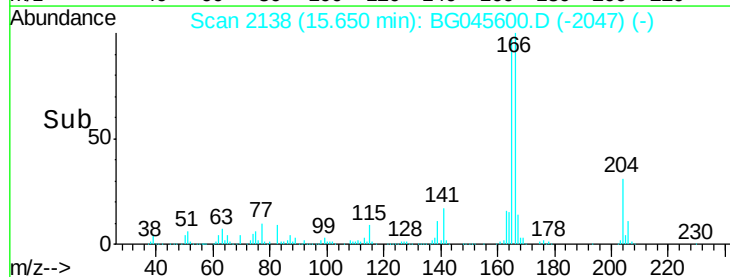
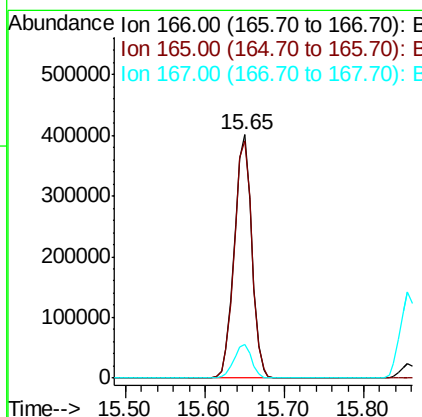
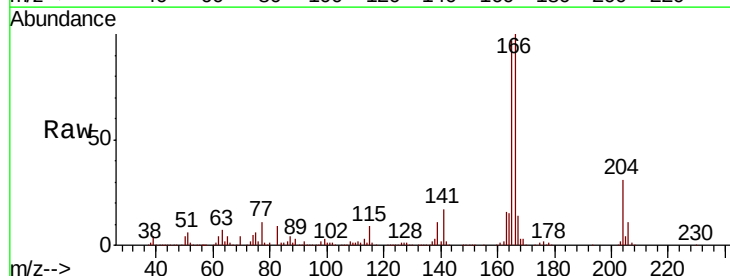
Manual Integrations
APPROVED

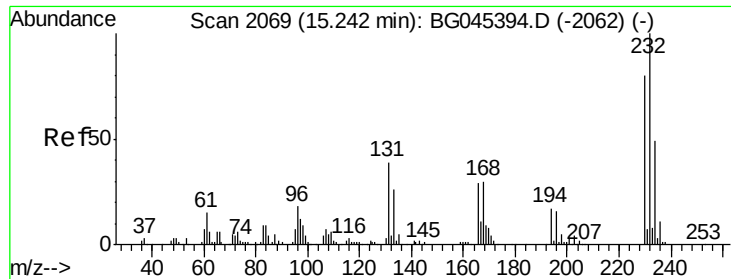
mohammad
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#58
Fluorene
Concen: 53.694 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		608014		
165	97.3	80.8		121.2	
167	13.9	12.0		18.0	





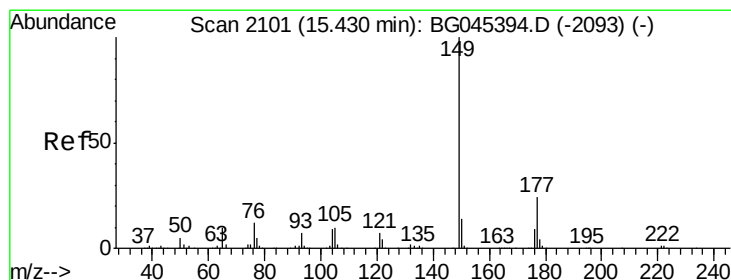
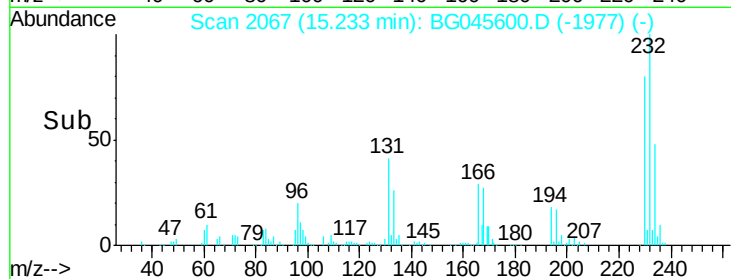
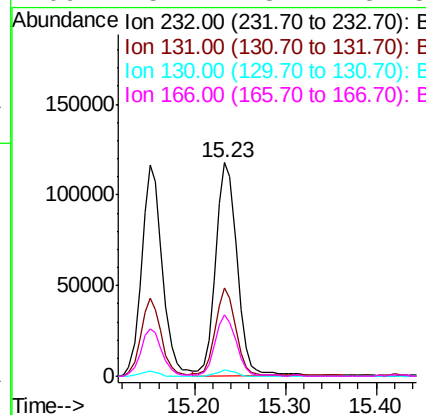
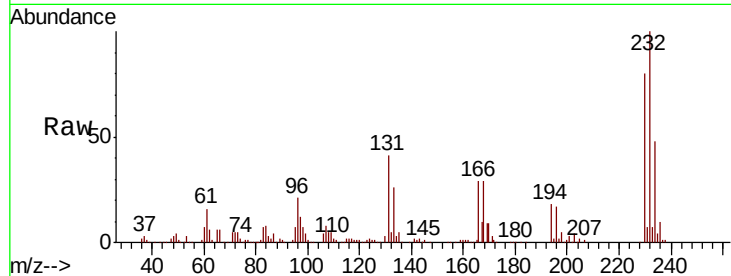
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.164 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	192920		
131	40.3	33.7	50.5	
130	2.7	2.1	3.1	
166	28.1	23.2	34.8	

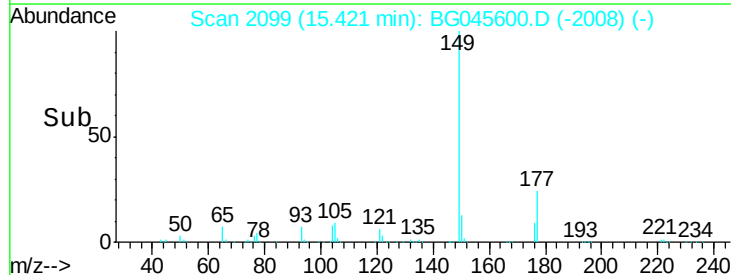
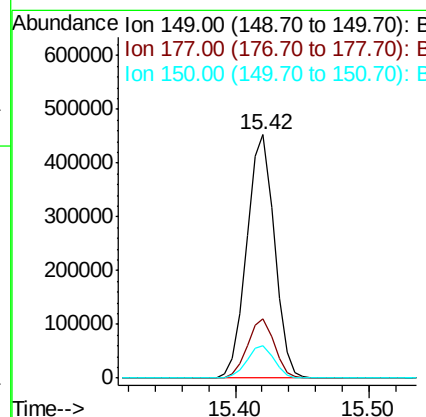
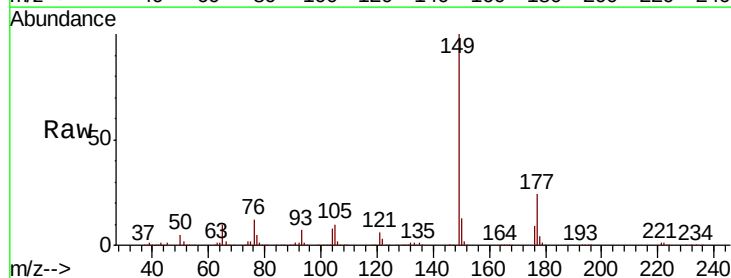
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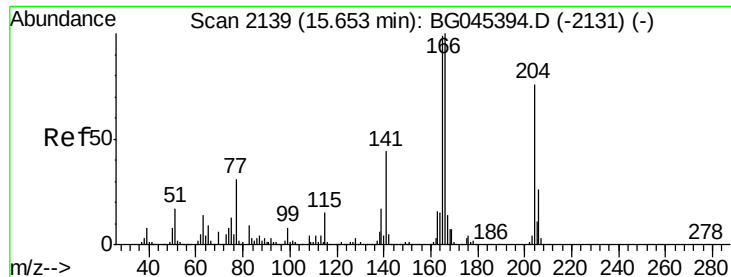
mohammad
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#60
Diethylphthalate
Concen: 52.096 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	643537		
177	24.2	19.0	28.4	
150	13.5	11.4	17.0	





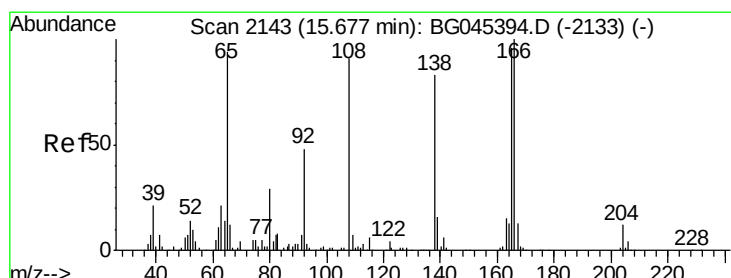
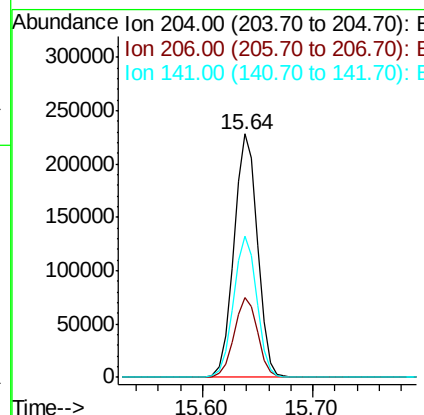
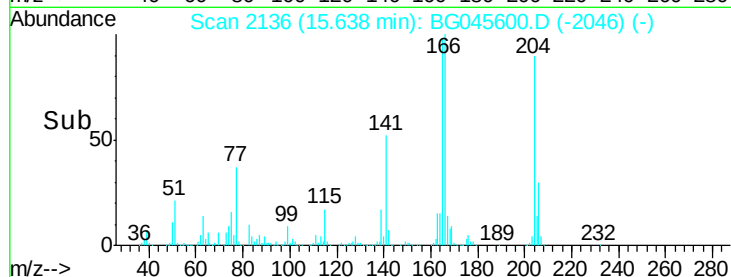
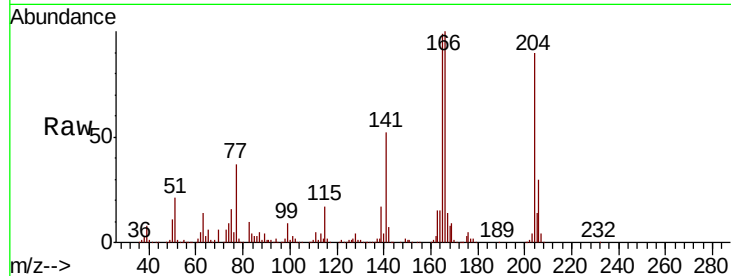
#61
4-Chlorophenyl-phenylether
Concen: 52.619 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	340963		
206	32.9	27.3	40.9	
141	57.8	45.9	68.9	

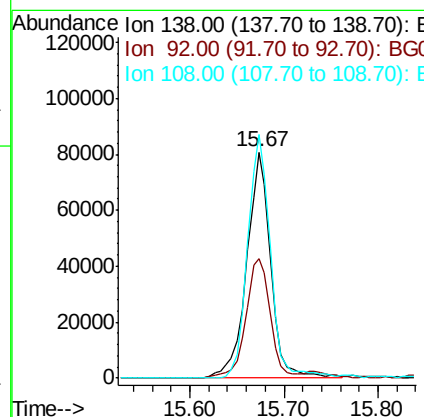
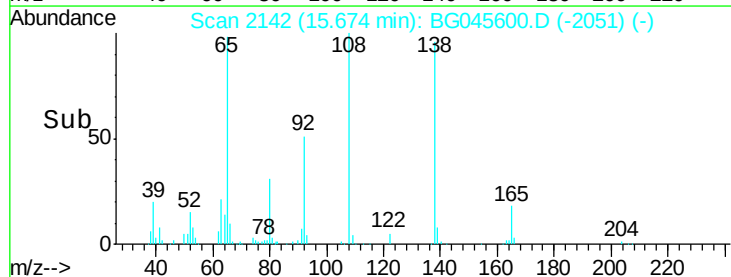
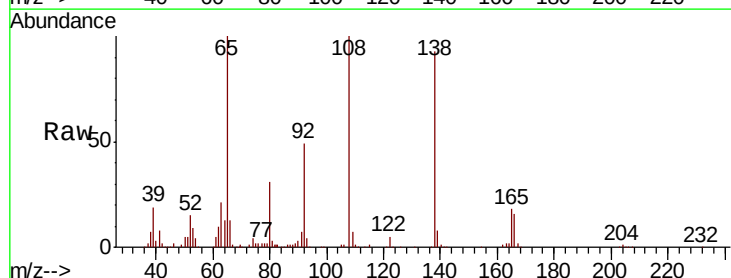
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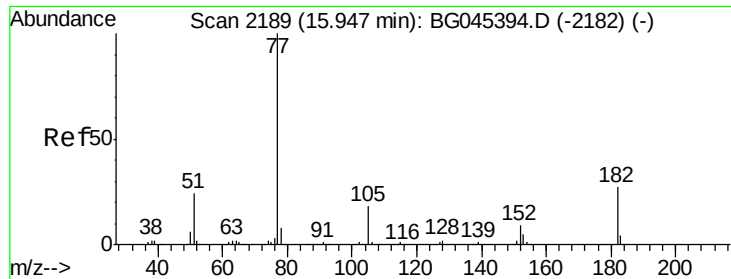
mohammad
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#62
4-Nitroaniline
Concen: 50.383 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143193		
92	53.1	38.0	78.0	
108	107.8	89.3	129.3	





#63

Azobenzene

Concen: 53.788 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

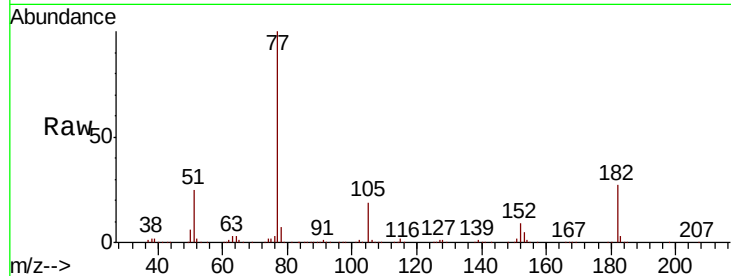
ClientSampleId :

SPMS

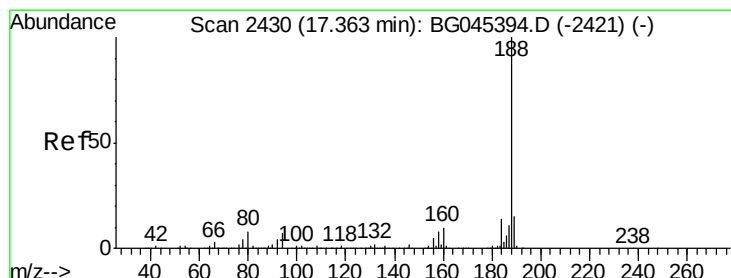
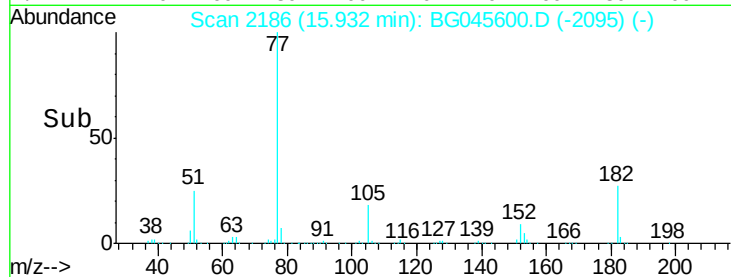
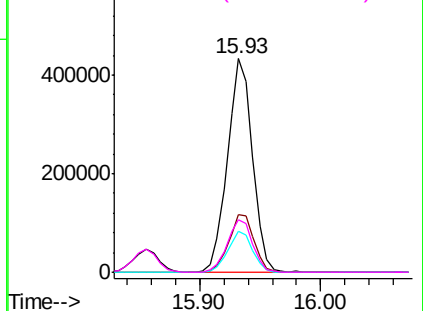
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	6.5	46.5	
105	19.0	0.0	37.9	
51	24.7	4.1	44.1	

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



#64

Phenanthrene-d10

Concen: 20.000 ng

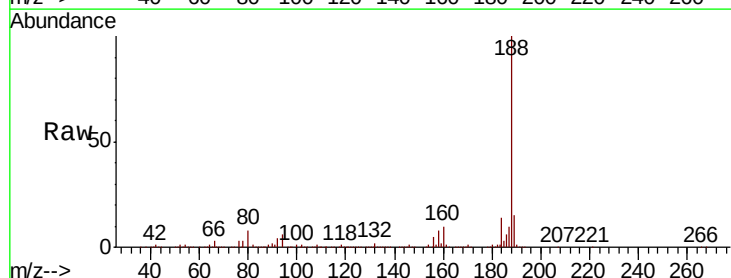
RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

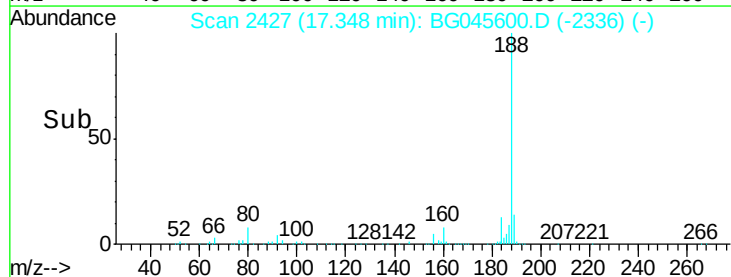
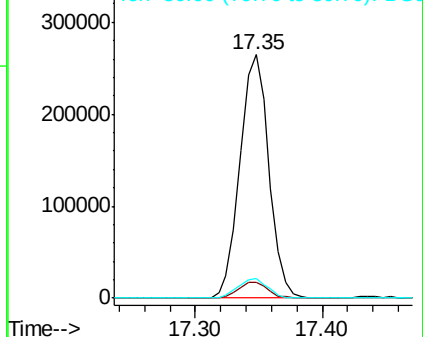
Lab File: BG045600.D

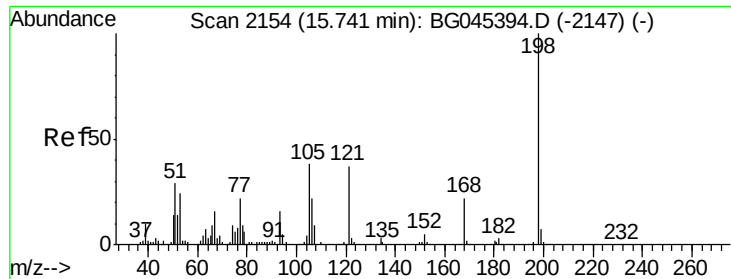
Acq: 4 Jun 2020 6:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.3	5.5	8.3	
80	7.9	6.6	10.0	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 53.061 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

ClientSampled :

SPMS

Tot Ion:198 Resp: 129364

Ion Ratio Lower Upper

198 100

51 35.0 10.0 50.0

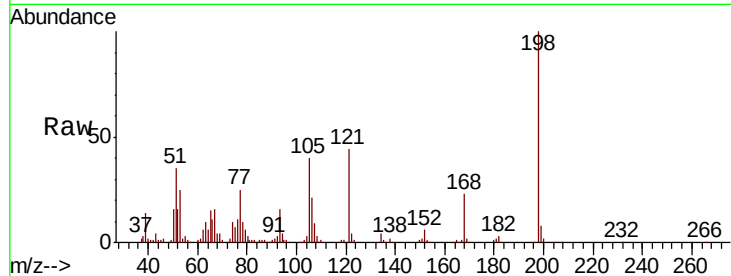
105 39.6 18.9 58.9

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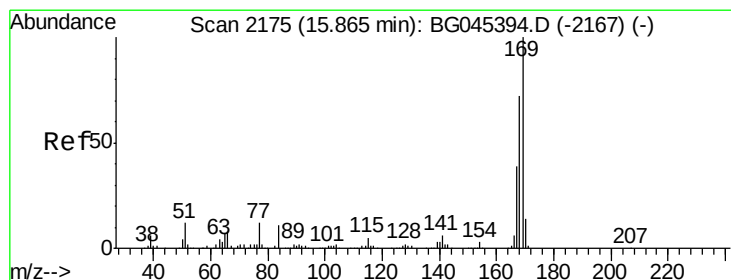
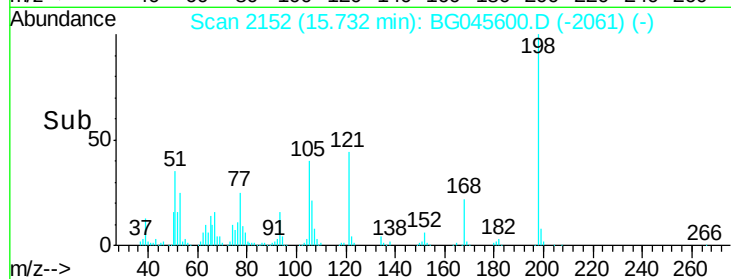
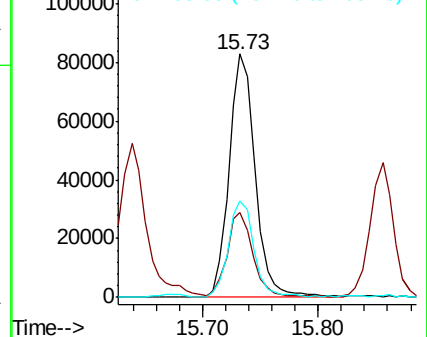
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.525 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

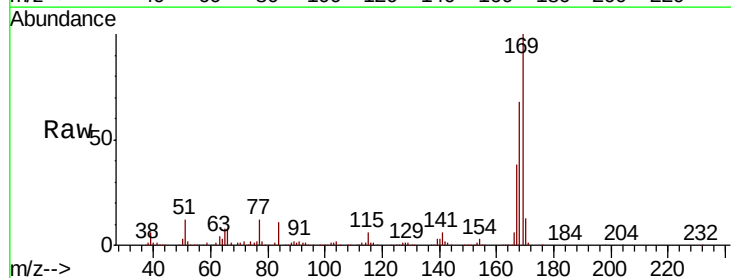
Tgt Ion:169 Resp: 548038

Ion Ratio Lower Upper

169 100

168 68.3 57.8 86.6

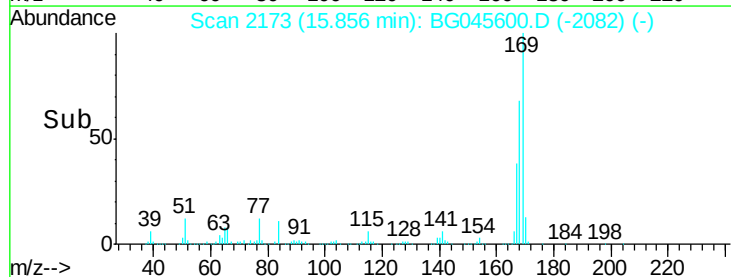
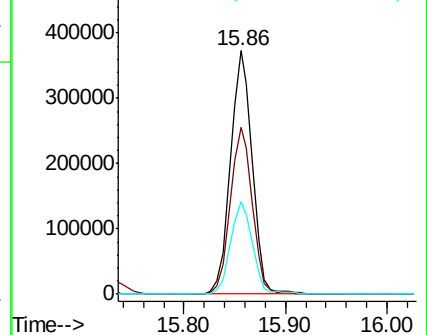
167 38.1 31.5 47.3

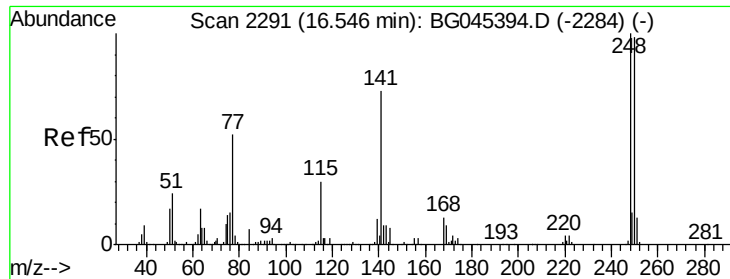


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





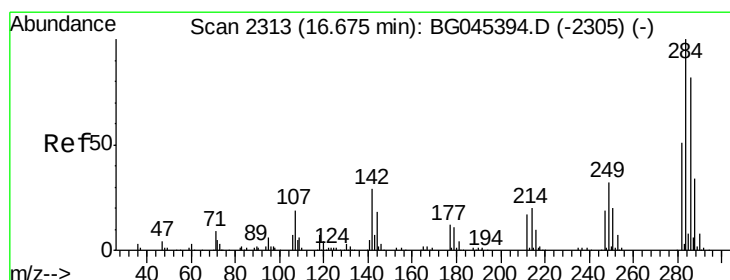
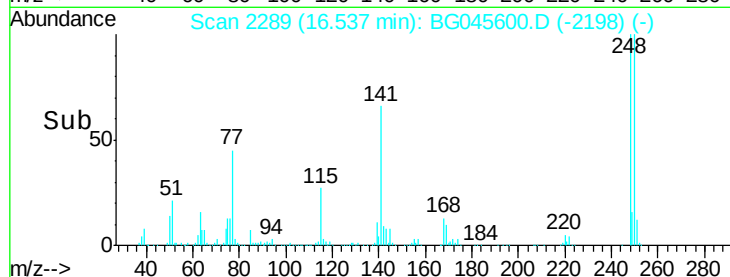
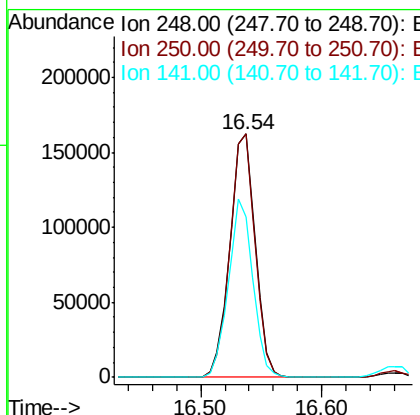
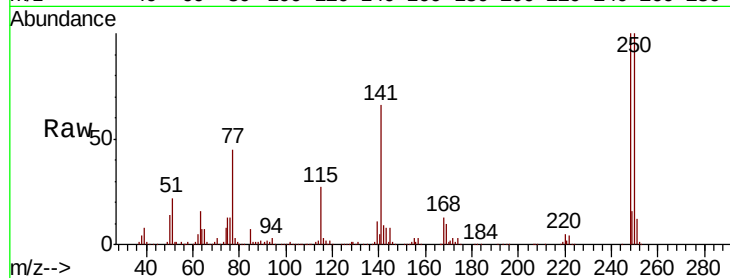
#67
4-Bromophenyl-phenylether
Concen: 52.736 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.6	117.8
141	66.1	58.2	87.2

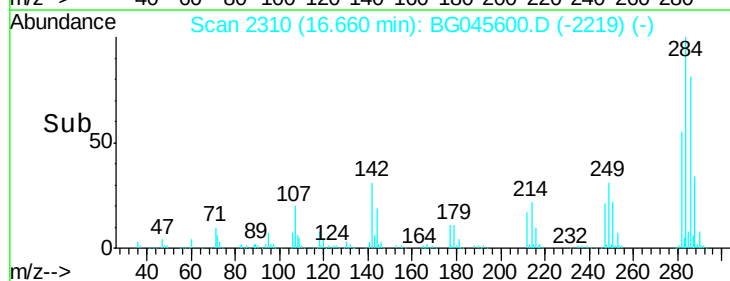
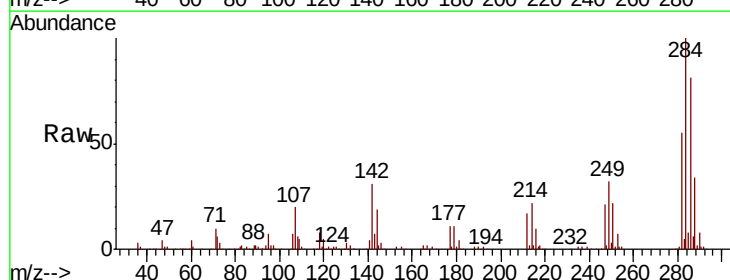
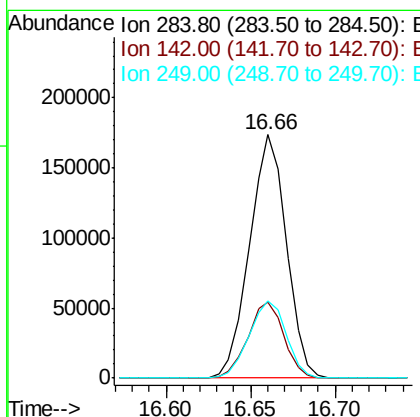
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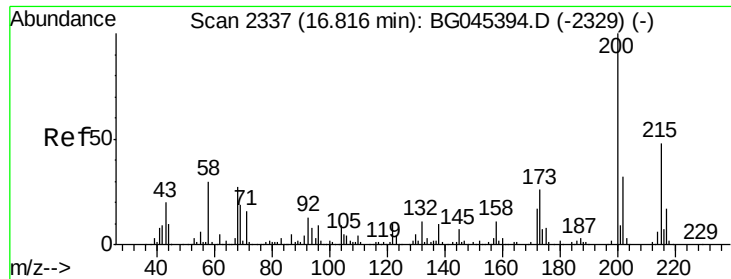
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#68
Hexachlorobenzene
Concen: 55.509 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	23.0	34.6
249	31.6	25.8	38.6





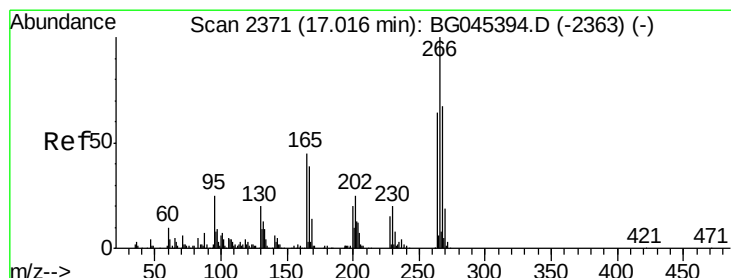
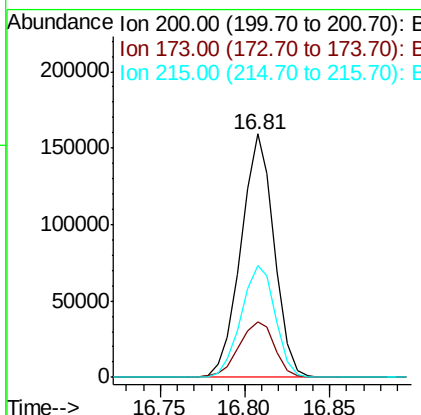
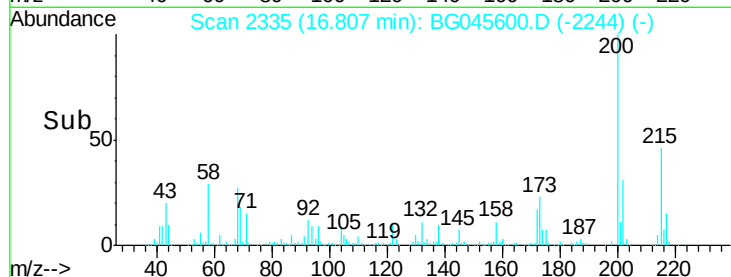
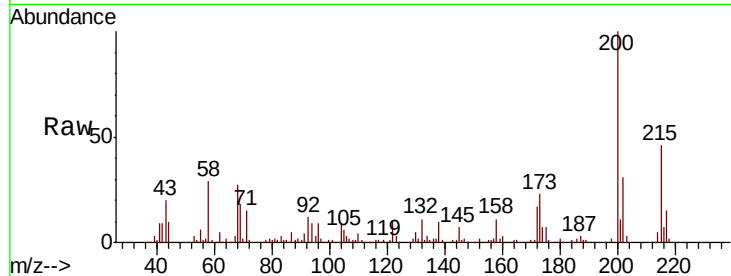
#69
Atrazine
Concen: 52.450 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	5.5	45.5
215	46.0	28.2	68.2

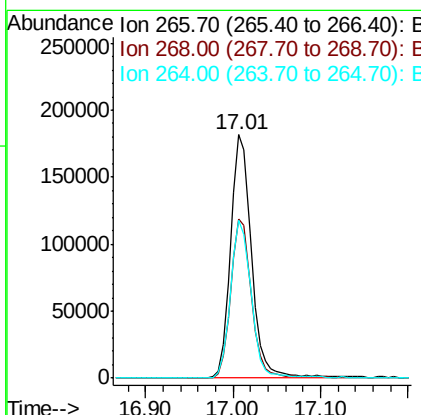
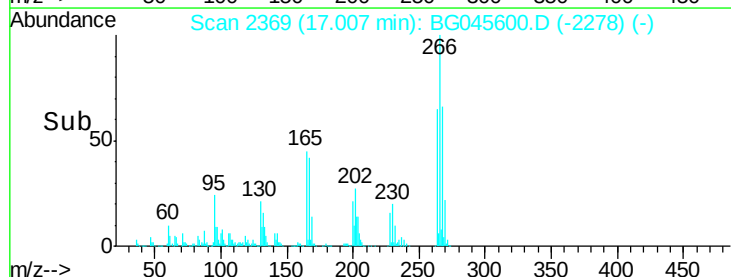
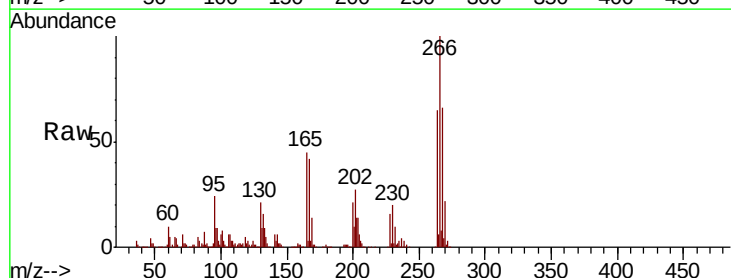
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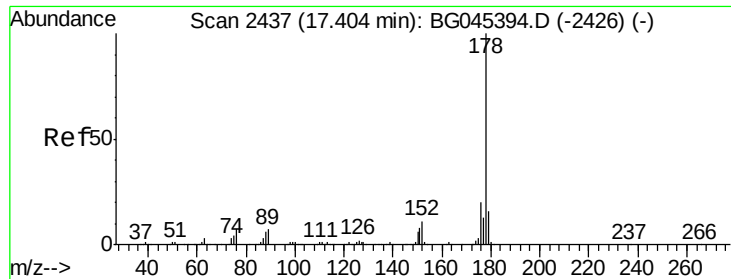
mohammad
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#70
Pentachlorophenol
Concen: 118.454 ng
RT: 17.01 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	53.2	79.8
264	64.9	51.0	76.4





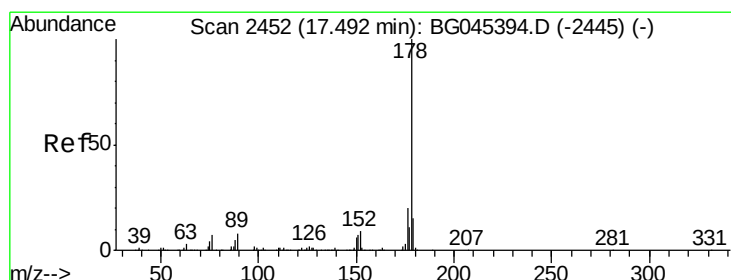
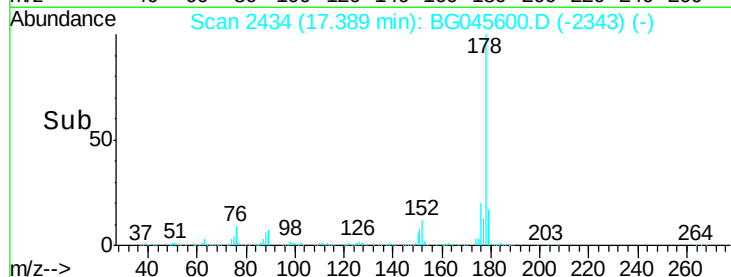
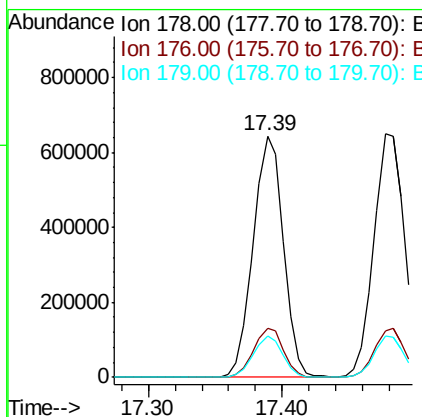
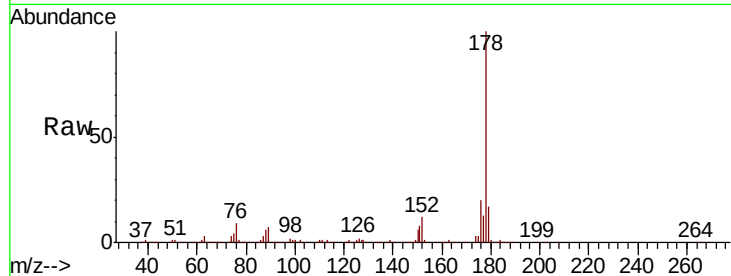
#71
Phenanthrene
Concen: 54.833 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:178 Resp: 1002076
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 17.0 13.1 19.7

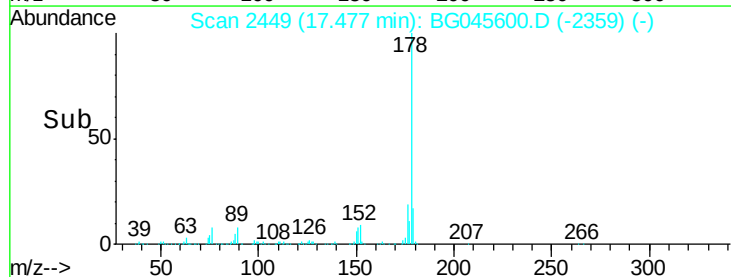
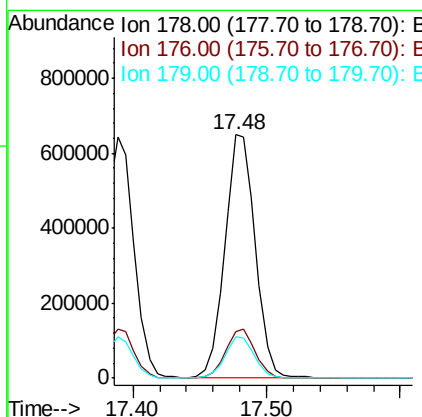
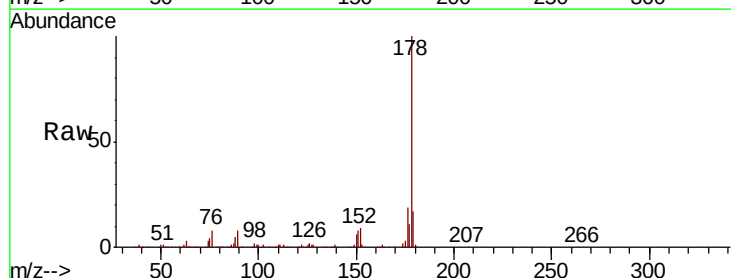
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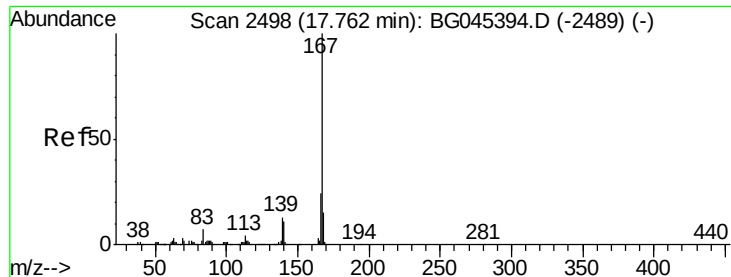
mohammad
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#72
Anthracene
Concen: 55.936 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion:178 Resp: 1026567
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 16.8 12.2 18.4





#73

Carbazole

Concen: 52.837 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

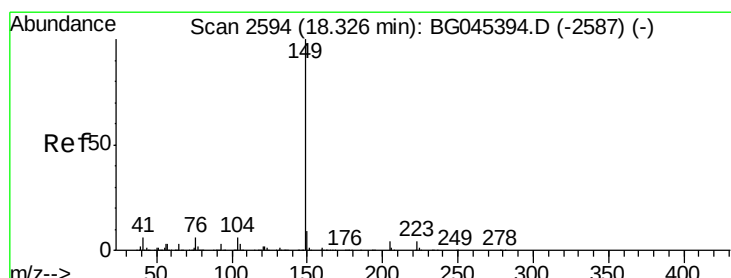
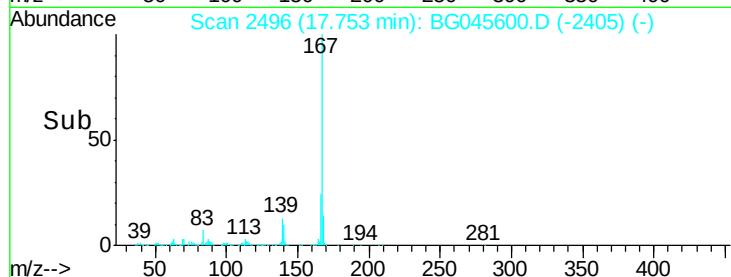
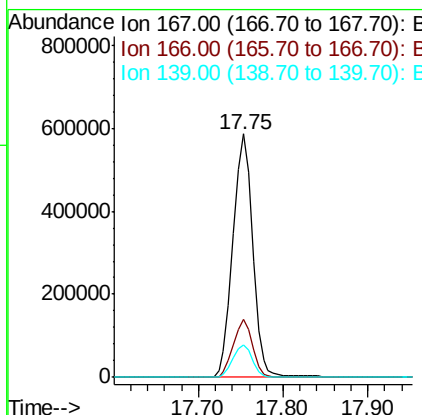
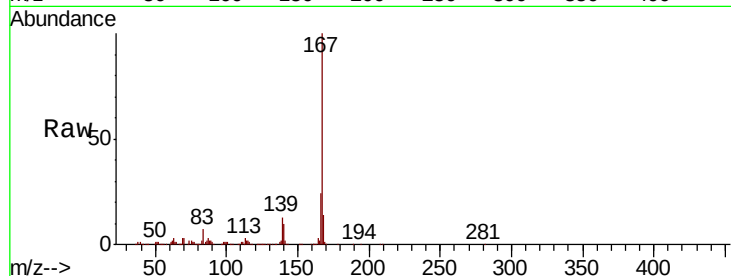
ClientSampleId :

SPMS

Tot Ion:	167	Resp:	945221
Ion Ratio	Lower	Upper	
167	100		
166	23.8	19.2	28.8
139	13.1	10.6	16.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 52.724 ng

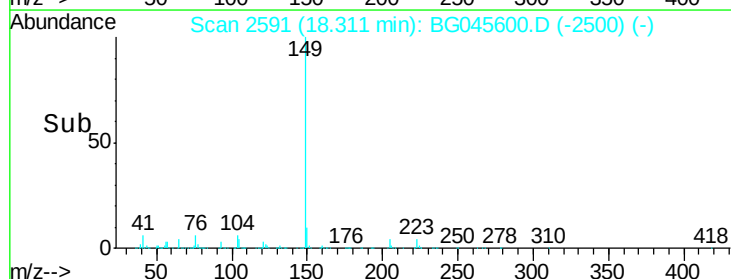
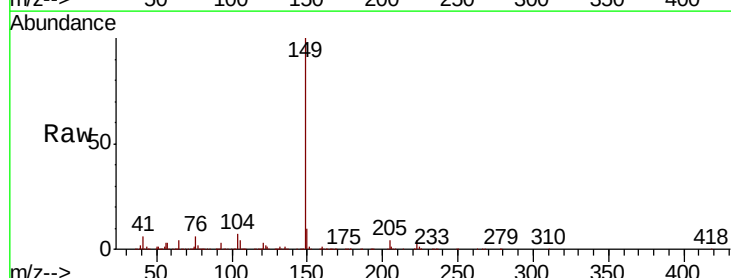
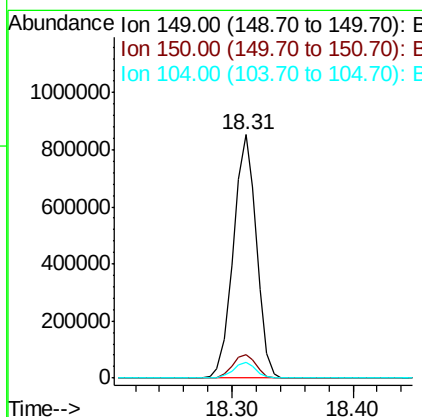
RT: 18.31 min Scan# 2591

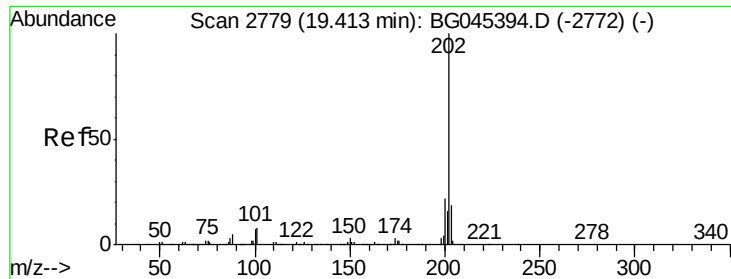
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	149	Resp:	1132077
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 53.127 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

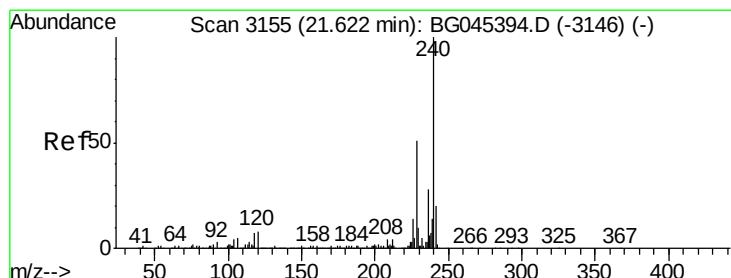
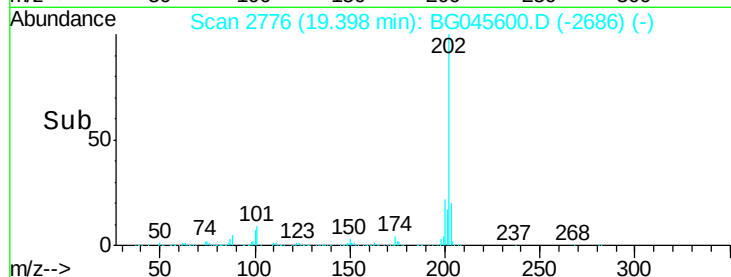
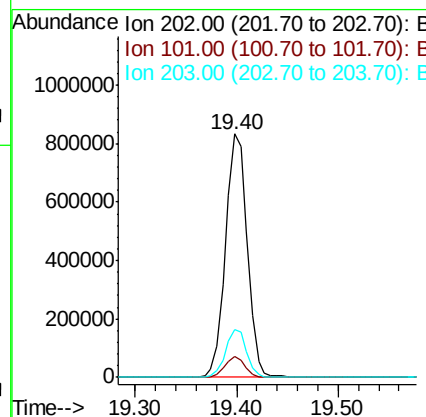
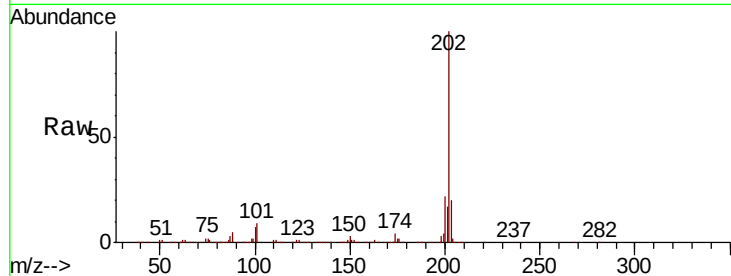
ClientSampled :

SPMS

Tot Ion:	202	Resp:	1234942
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	19.7	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

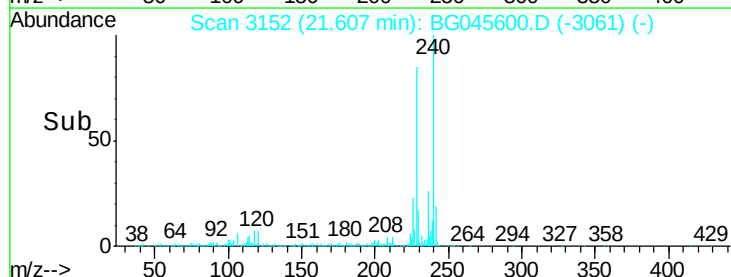
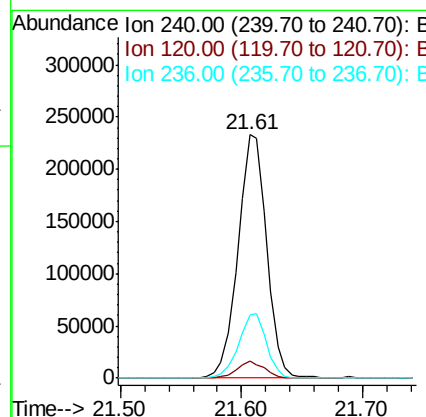
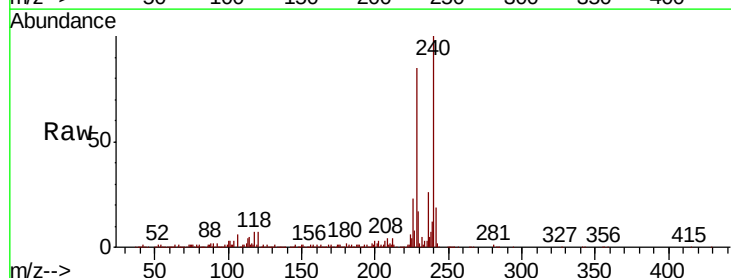
RT: 21.61 min Scan# 3152

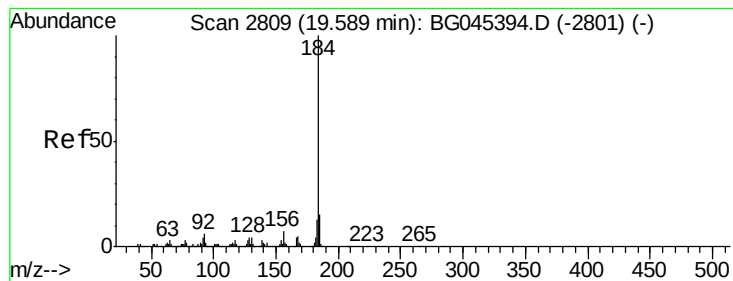
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	240	Resp:	385342
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.1	9.1
236	25.8	22.3	33.5





#77

Benzidine

Concen: 41.334 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

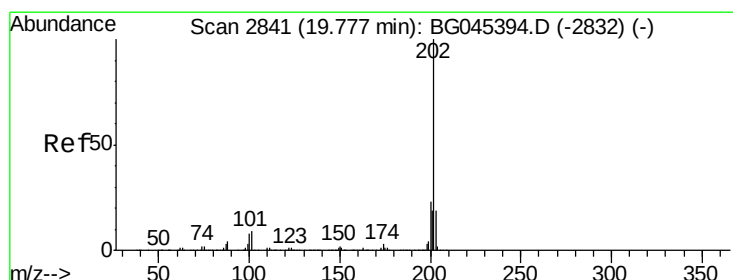
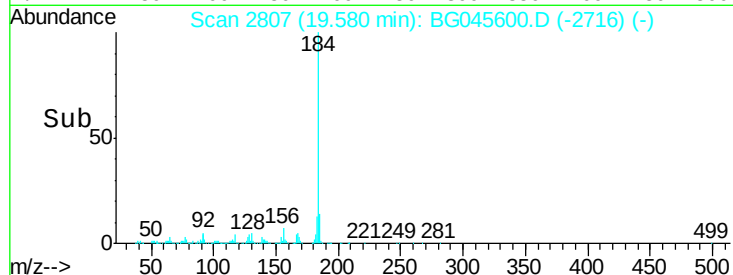
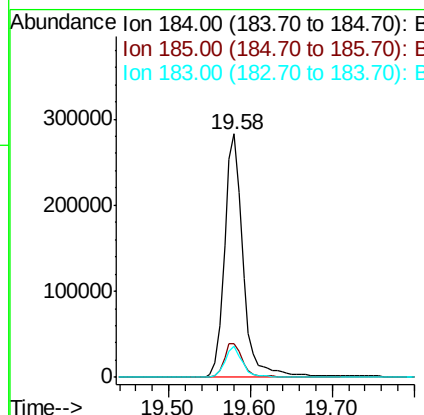
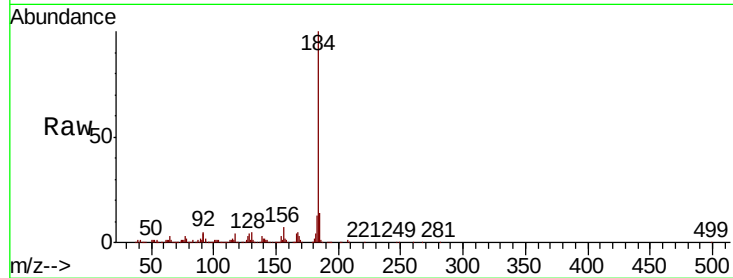
ClientSampleId :

SPMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	12.5	10.2	15.4

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#78

Pyrene

Concen: 55.623 ng

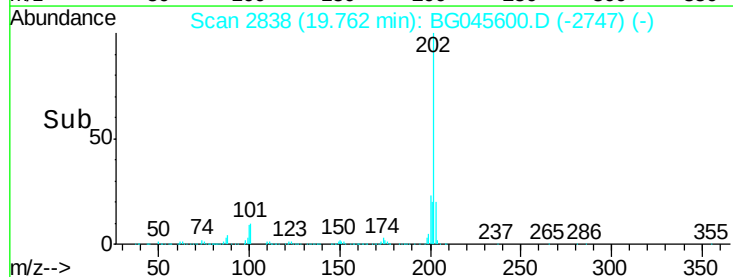
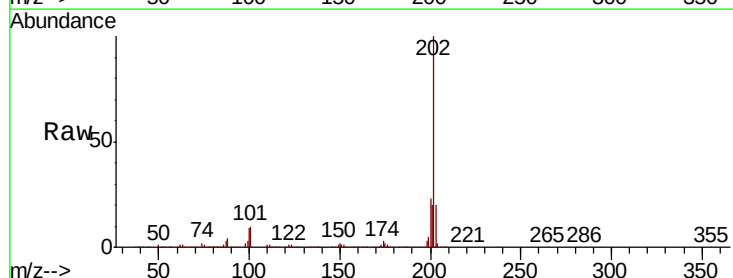
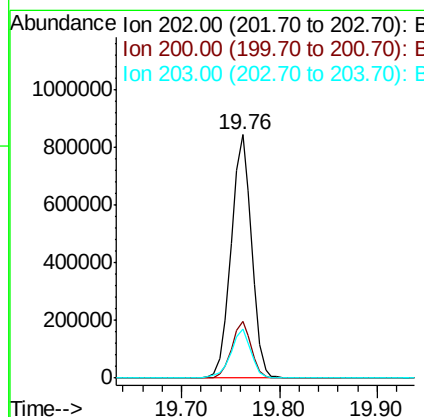
RT: 19.76 min Scan# 2838

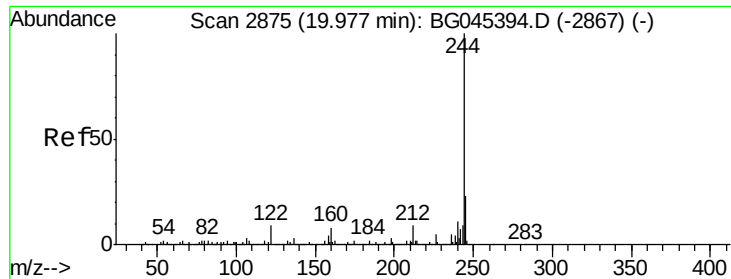
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.2
203	19.9	15.1	22.7





#79

Terphenyl-d14

Concen: 111.936 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion:244 Resp: 1849397

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

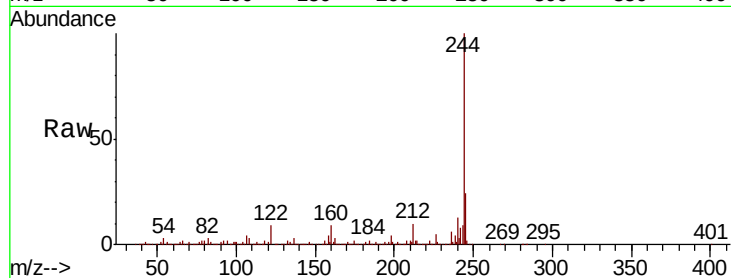
122 8.7 6.8 10.2

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1500000

1000000

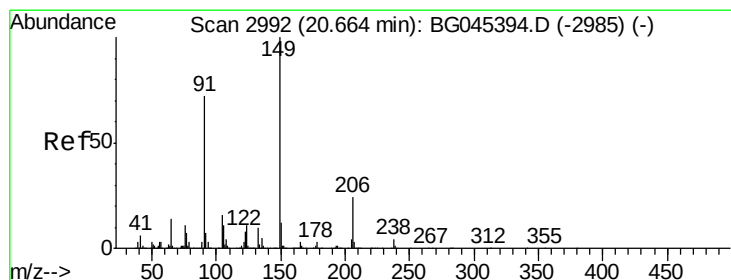
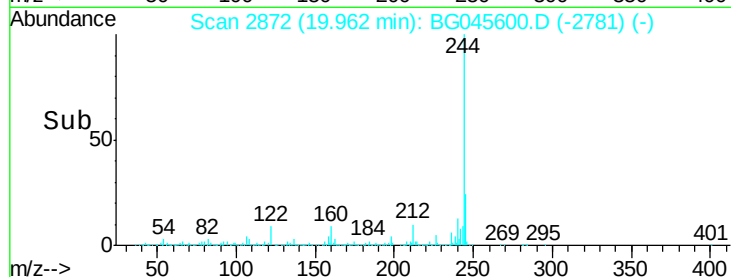
500000

0

19.96

19.90 20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 53.557 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

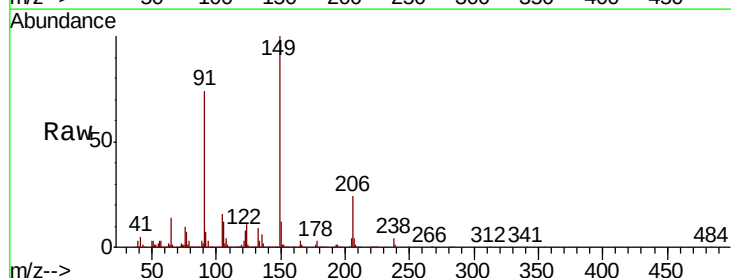
Tgt Ion:149 Resp: 507793

Ion Ratio Lower Upper

149 100

91 73.8 57.8 86.6

206 23.7 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

500000

400000

300000

200000

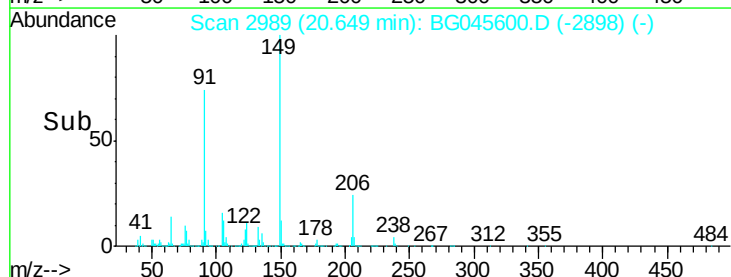
100000

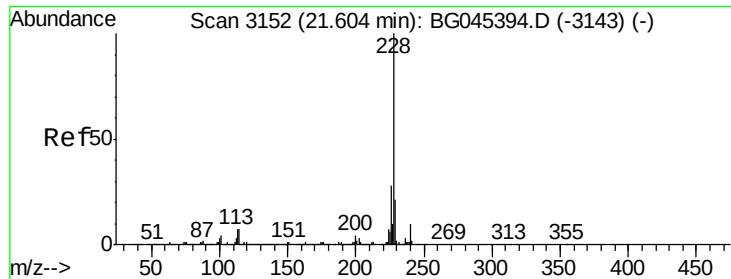
0

20.65

20.60 20.65 20.70

Time-->





#81

Benzo(a)anthracene

Concen: 55.706 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

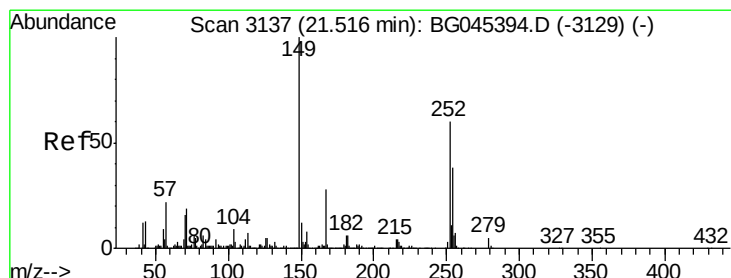
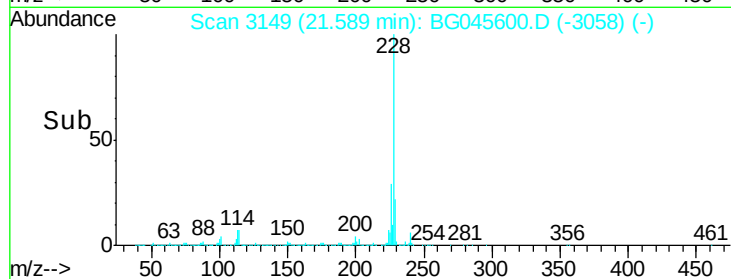
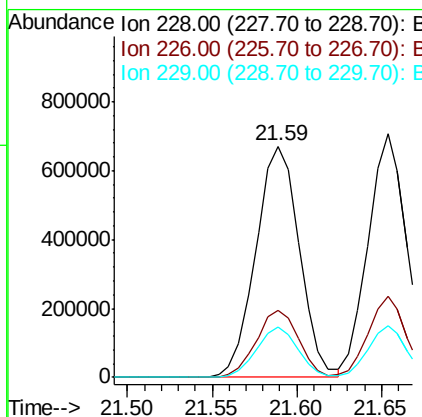
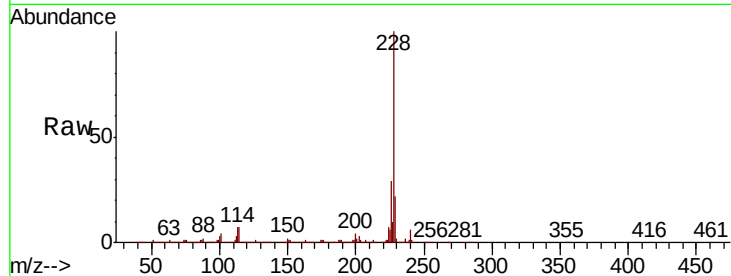
ClientSampled :

SPMS

Tot Ion:	228	Resp:	1195785
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.8	16.7	25.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.807 ng

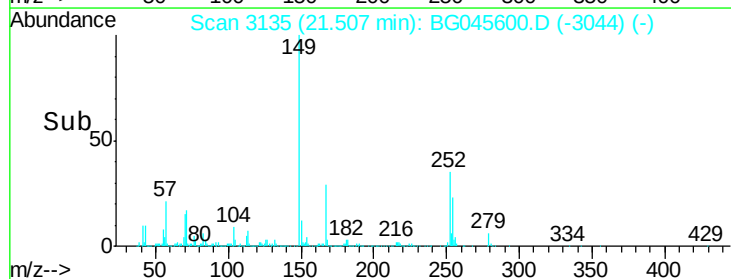
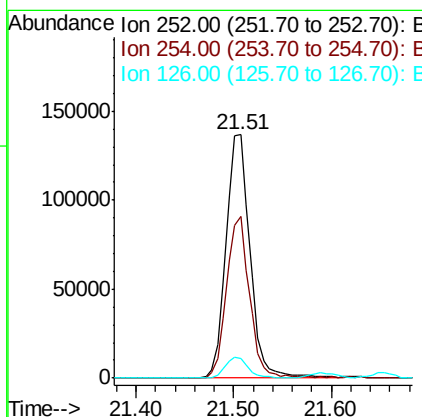
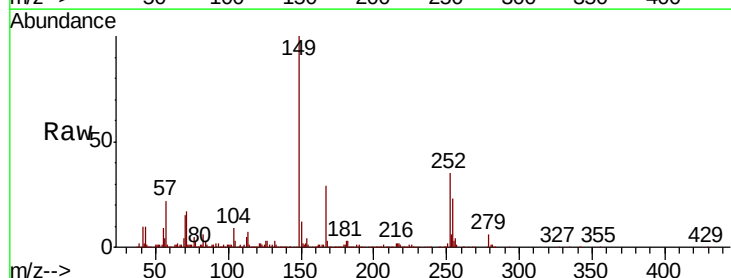
RT: 21.51 min Scan# 3135

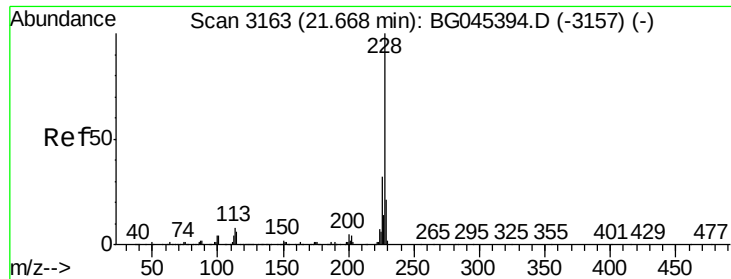
Delta R.T. 0.00 min

Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

Tgt Ion:	252	Resp:	234147
Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.3	76.9
126	8.3	6.6	10.0





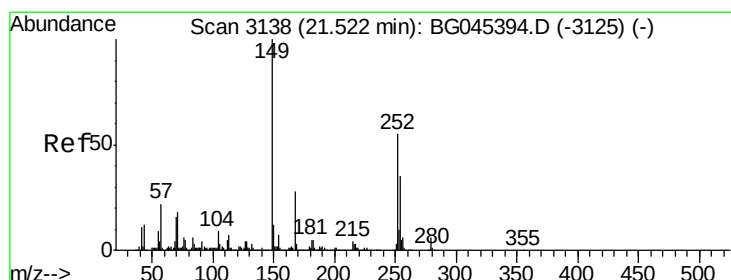
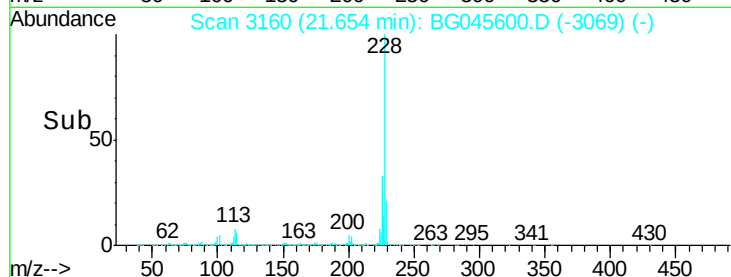
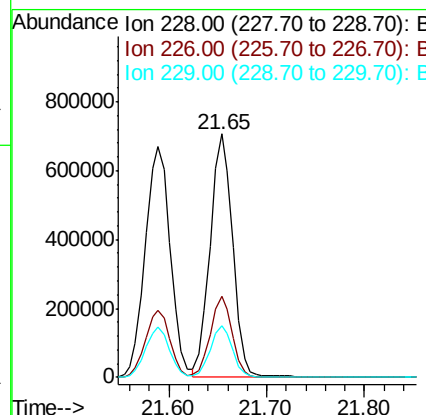
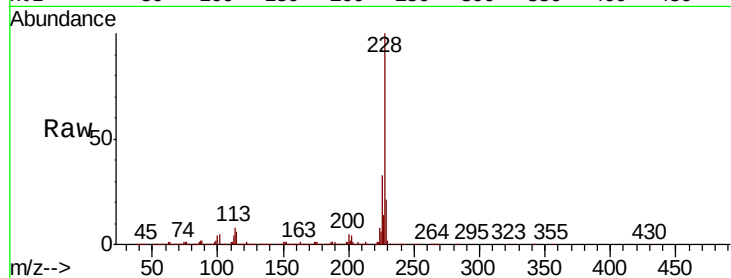
#83
 Chrvsene
 Concen: 54.727 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Instrument :
 BNA_G
 ClientSampled :
 SPMS

Tot Ion:228 Resp: 1129603
 Ion Ratio Lower Upper
 228 100
 226 33.4 25.2 37.8
 229 21.0 16.7 25.1

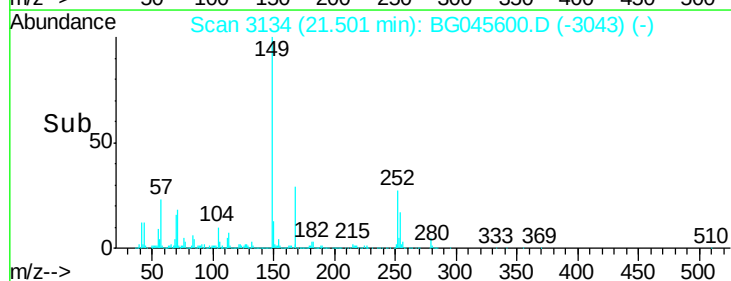
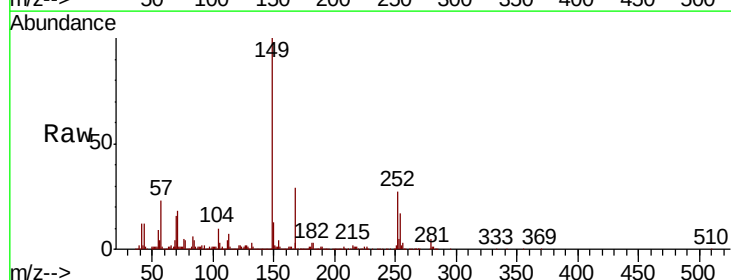
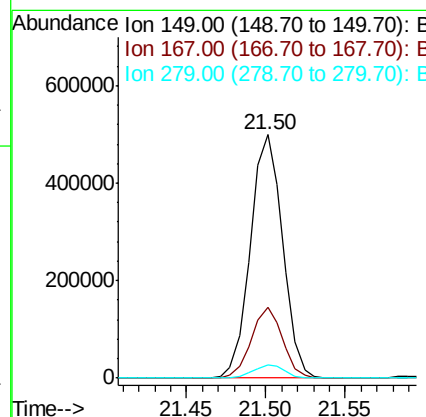
Manual Integrations
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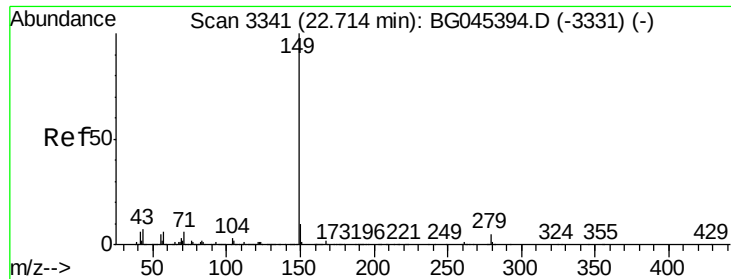
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.877 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045600.D
 Acq: 4 Jun 2020 6:25

Tgt Ion:149 Resp: 702190
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.2 33.2
 279 5.4 4.7 7.1





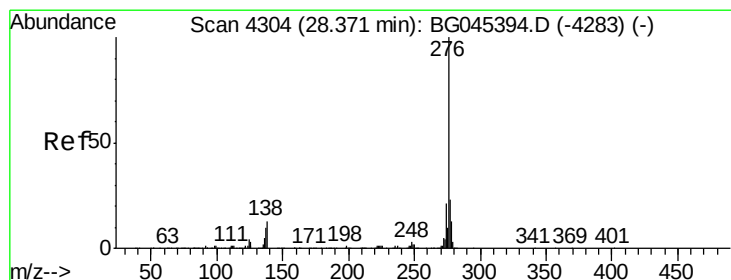
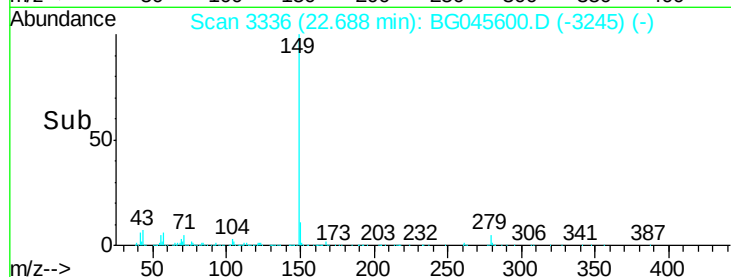
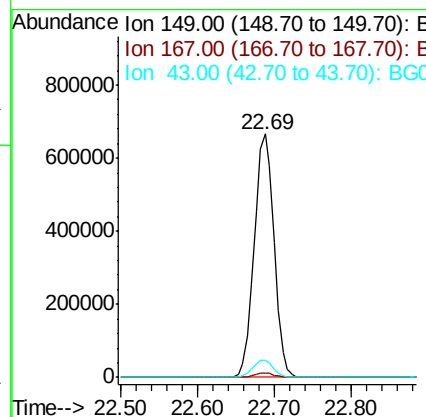
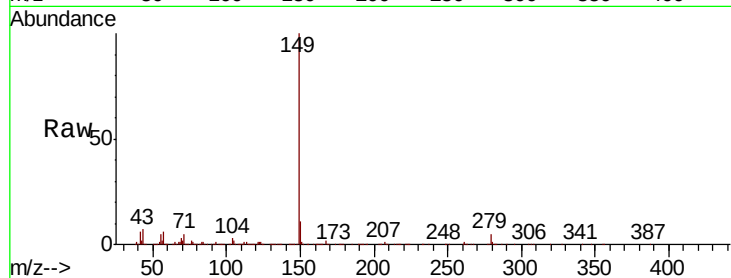
#85
Di-n-octyl phthalate
Concen: 53.408 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.1	5.8	8.8

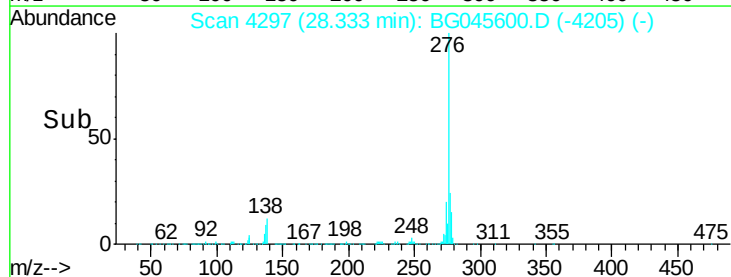
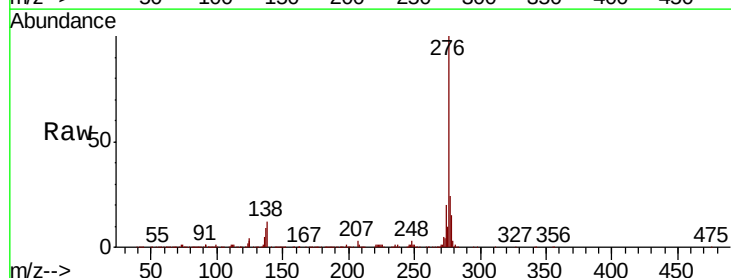
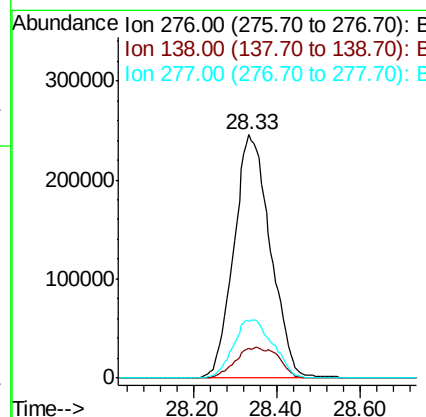
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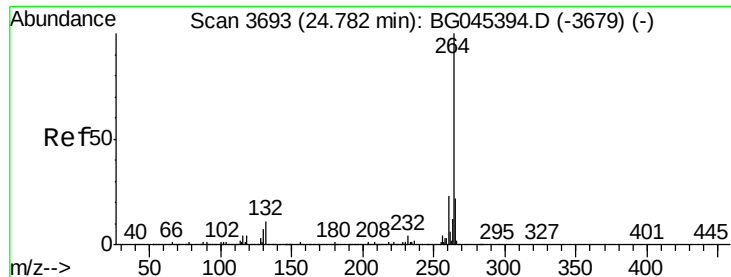
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.534 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.01 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.6	12.8
277	26.0	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: BG045600.D

Acq: 4 Jun 2020 6:25

Instrument :

BNA_G

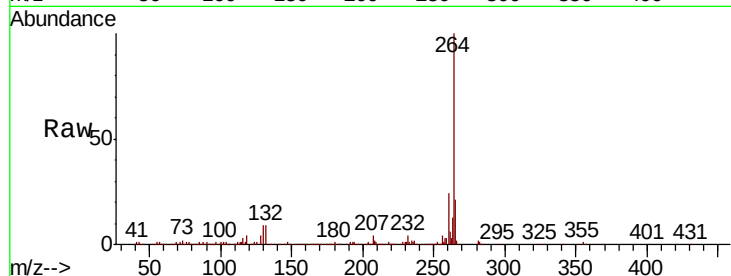
ClientSampleId :

SPMS

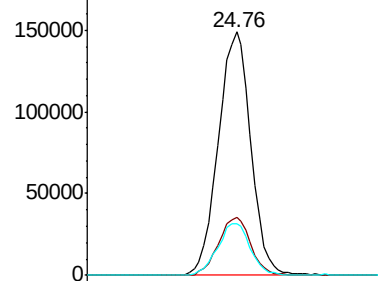
Tot Ion:	264	Resp:	424347
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.4	17.6	26.4

Manual Integrations
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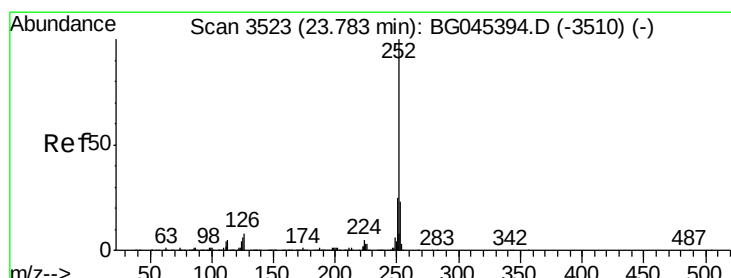
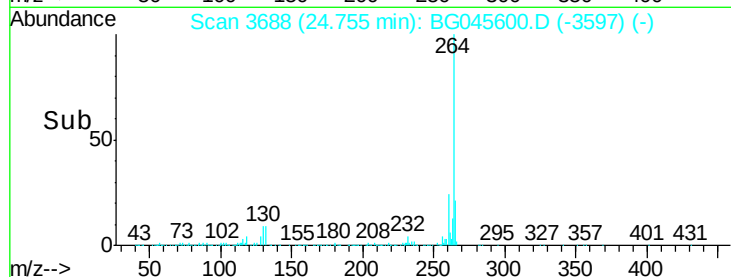
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 54.538 ng

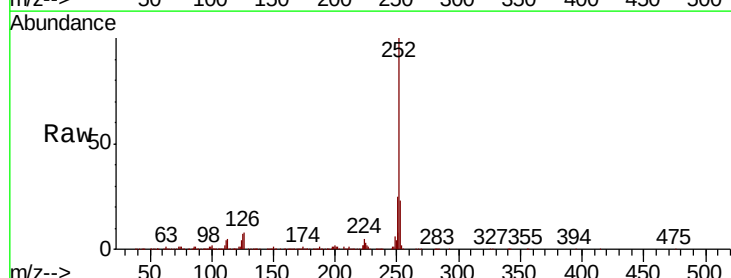
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

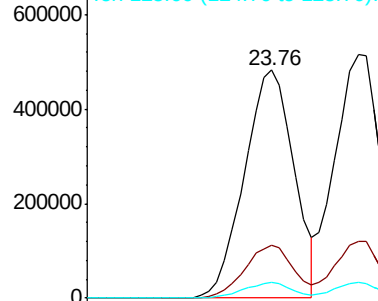
Lab File: BG045600.D

Acq: 4 Jun 2020 6:25

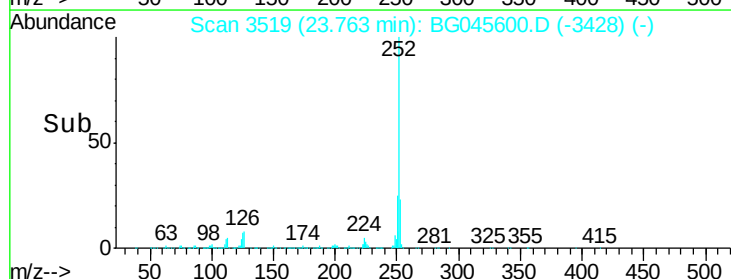
Tgt Ion:	252	Resp:	1241191
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.1	27.1
125	6.8	5.0	7.6

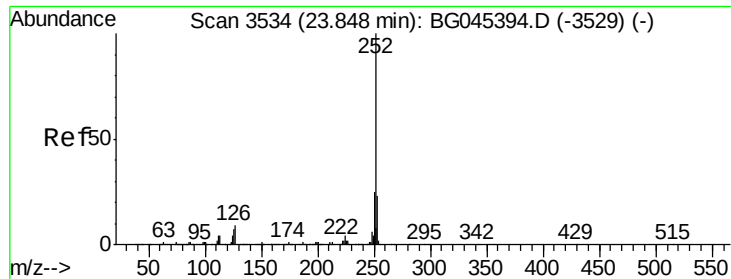


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





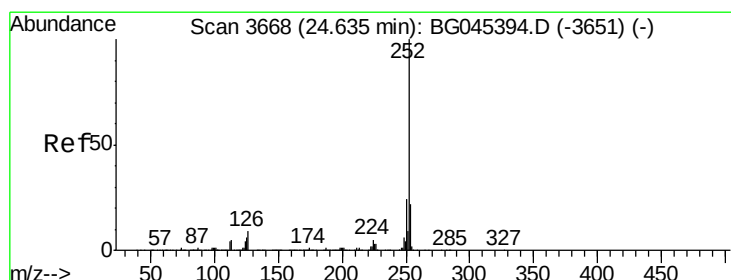
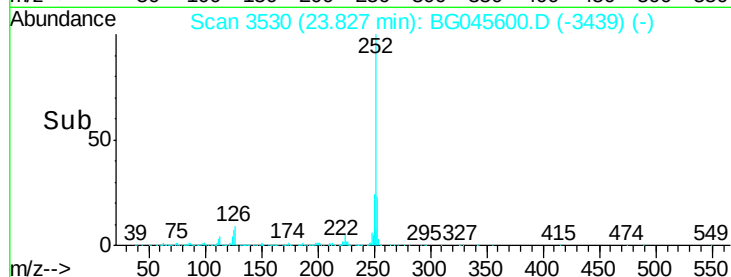
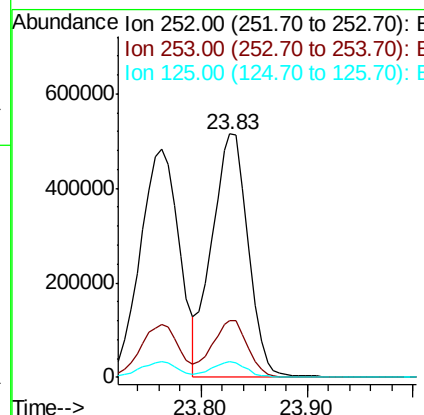
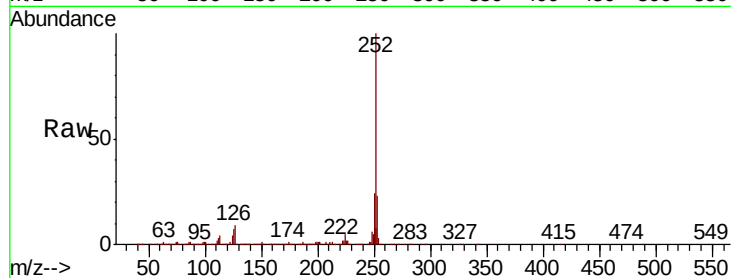
#89
Benzo(k)fluoranthene
Concen: 57.319 ng
RT: 23.83 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.7	5.7	8.5

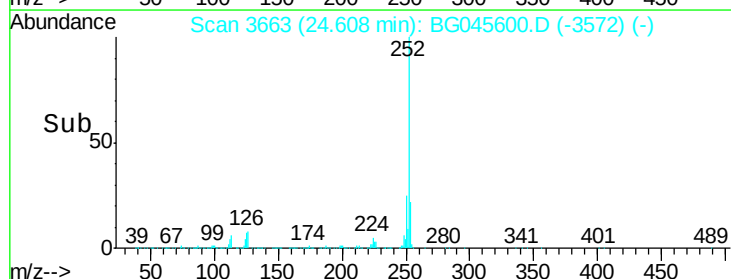
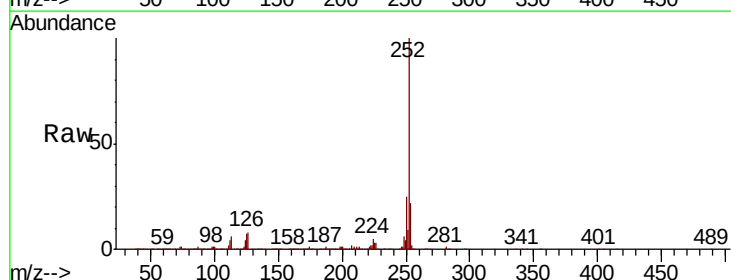
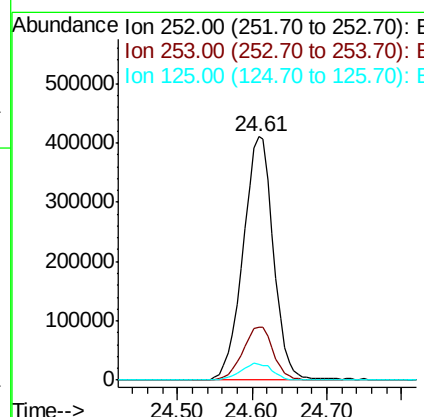
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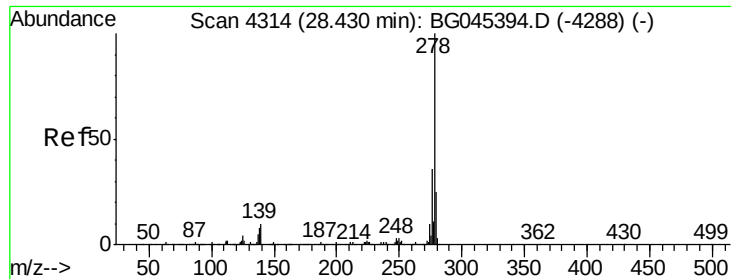
mohammad
6/4/2020 12:11:44 PM



#90
Benzo(a)pyrene
Concen: 54.396 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	6.6	5.0	7.6





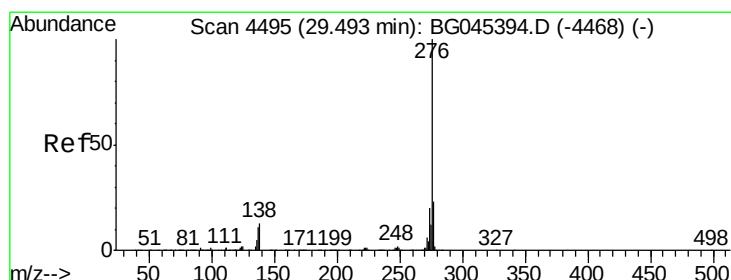
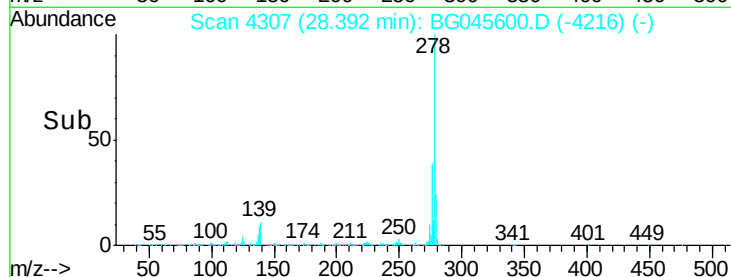
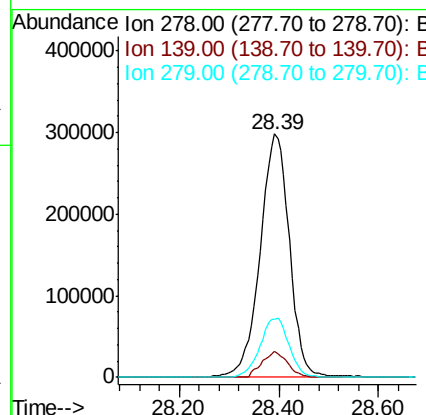
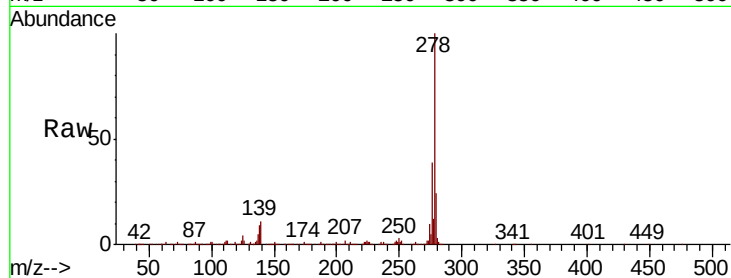
#91
Dibenzo(a,h)anthracene
Concen: 57.123 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.8	11.8
279	24.0	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 58.651 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045600.D
Acq: 4 Jun 2020 6:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	12.6	10.2	15.4

