

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045665.D
 Acq On : 9 Jun 2020 15:46
 Operator : CG/JU
 Sample : L2924-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:50:13 AM

Quant Time: Jun 09 16:27:00 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	67736	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	260251	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	185541	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	434279	20.00	ng	0.00
76) Chrysene-d12	21.60	240	404864	20.00	ng	0.00
87) Perylene-d12	24.74	264	441479	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	409693	118.20	ng	0.00
7) Phenol-d6	7.14	99	576531	116.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	380387	79.70	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	270921	114.17	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	854012	78.07	ng	0.00
79) Terphenyl-d14	19.95	244	1416520	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63001	36.66	ng	94
3) Pyridine	3.81	79	145831	30.46	ng	94
4) n-Nitrosodimethylamine	3.72	42	64018	40.87	ng	88
6) Aniline	7.27	93	93145	14.46	ng	97
8) 2-Chlorophenol	7.52	128	160624	42.26	ng	97
9) Benzaldehyde	7.08	77	100571	31.29	ng	94
10) Phenol	7.17	94	216440	42.57	ng	96
11) bis(2-Chloroethyl)ether	7.36	93	149735	37.76	ng	96
12) 1,3-Dichlorobenzene	7.83	146	179631	39.33	ng	99
13) 1,4-Dichlorobenzene	7.98	146	177322	39.34	ng	99
14) 1,2-Dichlorobenzene	8.30	146	165572	38.19	ng	98
15) Benzyl Alcohol	8.19	79	168608	41.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	139198	36.98	ng	97
17) 2-Methylphenol	8.41	107	144427	37.95	ng	96
18) Hexachloroethane	9.03	117	69284	40.13	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	135297	39.66	ng	97
20) 3+4-Methylphenols	8.75	107	198869	38.38	ng	93
22) Acetophenone	8.77	105	243166	39.42	ng	96
24) Nitrobenzene	9.15	77	206186	40.32	ng	98
25) Isophorone	9.67	82	367473	39.10	ng	99
26) 2-Nitrophenol	9.87	139	92135	42.12	ng	96
27) 2,4-Dimethylphenol	9.94	122	151414	46.67	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	204354	41.46	ng	97
29) 2,4-Dichlorophenol	10.42	162	167166	43.64	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	186564	41.21	ng	97
31) Naphthalene	10.81	128	491359	40.52	ng	100
32) Benzoic acid	10.11	122	75484	37.09	ng	96
33) 4-Chloroaniline	10.92	127	42625	8.41	ng	# 96
34) Hexachlorobutadiene	11.10	225	129176	40.37	ng	99
35) Caprolactam	11.69	113	56960m	40.51	ng	
36) 4-Chloro-3-methylphenol	12.06	107	186921	43.30	ng	99
37) 2-Methylnaphthalene	12.42	142	367379	40.64	ng	95
38) 1-Methylnaphthalene	12.63	142	349211	40.90	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	216237	41.72	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	249779	83.50	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	143856	39.96	ng	96
44) 2,4,5-Trichlorophenol	13.12	196	148521	36.10	ng	99
46) 1,1'-Biphenyl	13.42	154	475938	41.75	ng	99
47) 2-Chloronaphthalene	13.47	162	360470	38.94	ng	98
48) 2-Nitroaniline	13.67	65	119200	39.14	ng	95
49) Acenaphthylene	14.31	152	602071	40.49	ng	98
50) Dimethylphthalate	14.05	163	591383	46.46	ng	98
51) 2,6-Dinitrotoluene	14.17	165	113403	39.48	ng	95
52) Acenaphthene	14.66	154	359407	36.11	ng	97
53) 3-Nitroaniline	14.50	138	35518	12.17	ng	98
54) 2,4-Dinitrophenol	14.71	184	117709	63.75	ng	99
55) Dibenzofuran	14.99	168	583937	39.50	ng	97
56) 4-Nitrophenol	14.84	139	154362	69.83	ng	87
57) 2,4-Dinitrotoluene	14.96	165	158856	38.19	ng	98
58) Fluorene	15.64	166	485164	39.95	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	145983	40.33	ng	96
60) Diethylphthalate	15.41	149	505987	38.19	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	272122	39.16	ng	98
62) 4-Nitroaniline	15.67	138	103866	34.08	ng	94
63) Azobenzene	15.92	77	495849	40.14	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	98124	38.80	ng	94
66) n-Nitrosodiphenylamine	15.85	169	428991	41.14	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	187881	39.95	ng	97
68) Hexachlorobenzene	16.65	284	202774	41.23	ng	95
69) Atrazine	16.81	200	166700	38.81	ng	96
70) Pentachlorophenol	17.00	266	193885	75.92	ng	97
71) Phenanthrene	17.39	178	770509	40.64	ng	99
72) Anthracene	17.47	178	789770	41.48	ng	99
73) Carbazole	17.74	167	718266	38.70	ng	99
74) Di-n-butylphthalate	18.30	149	862613	38.73	ng	99
75) Fluoranthene	19.40	202	958604	39.75	ng	99
77) Benzidine	19.58	184	224300	19.73	ng	97
78) Pyrene	19.75	202	949976	41.16	ng	99
80) Butylbenzylphthalate	20.65	149	381613	38.31	ng	99
81) Benzo(a)anthracene	21.58	228	916331	40.63	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	149372	16.88	ng	99
83) Chrysene	21.65	228	865095	39.89	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	535478	39.10	ng	99
85) Di-n-octyl phthalate	22.68	149	901894	38.35	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1133247	39.96	ng #	97
88) Benzo(b)fluoranthene	23.75	252	973075	41.10	ng	99
89) Benzo(k)fluoranthene	23.82	252	931145	41.86	ng	97
90) Benzo(a)pyrene	24.59	252	887654	40.25	ng	99
91) Dibenzo(a,h)anthracene	28.37	278	922274	41.62	ng	98
92) Benzo(g,h,i)perylene	29.43	276	943605	42.58	ng	97

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

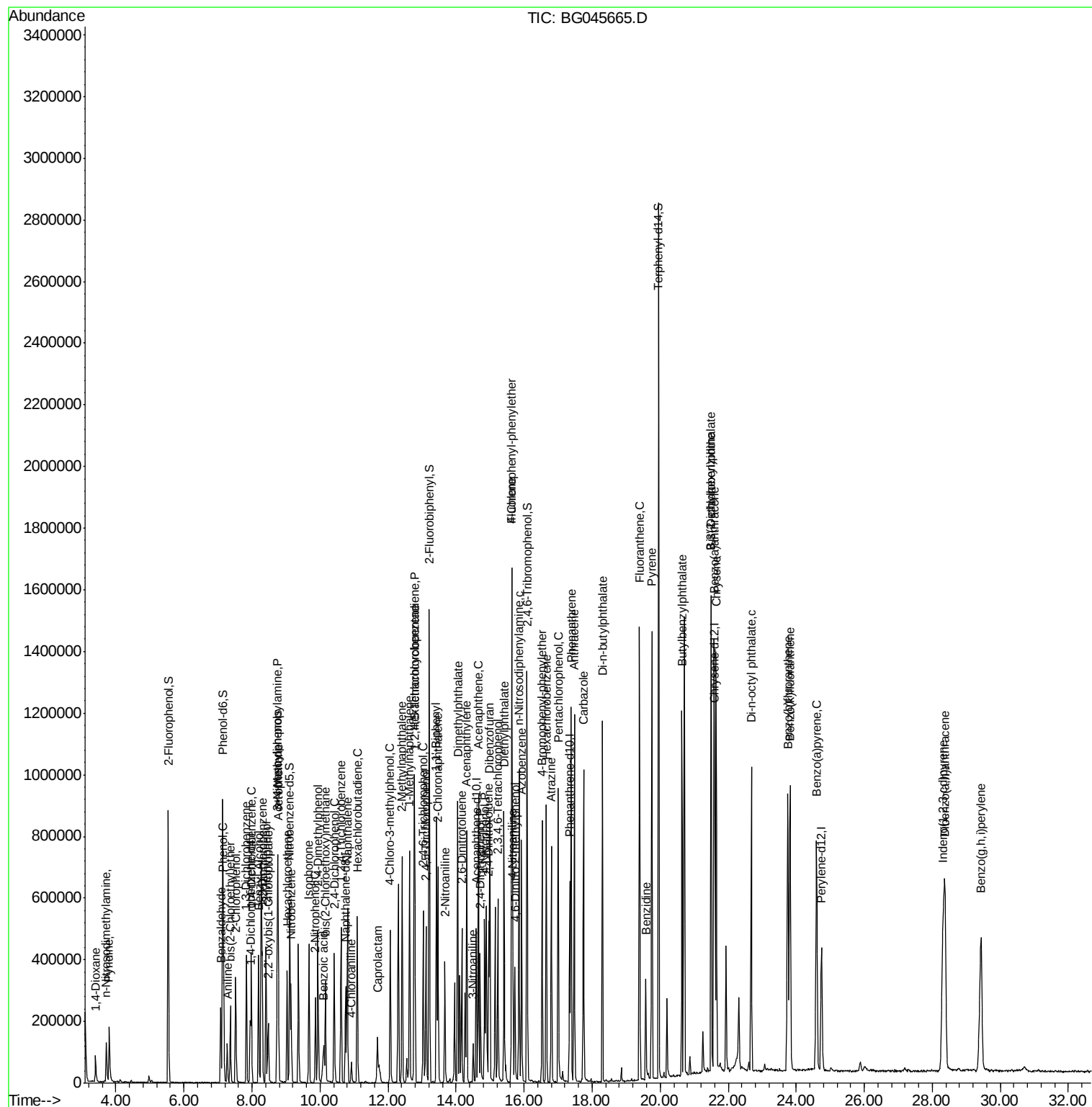
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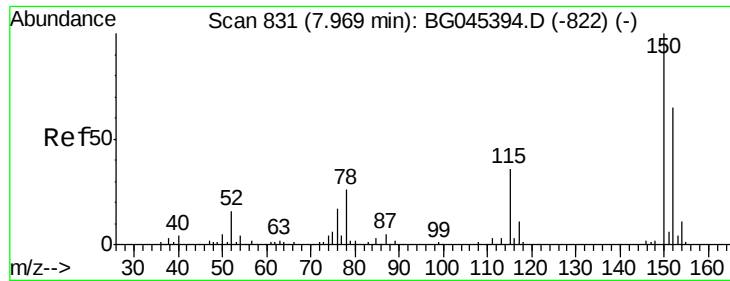
Instrument :
BNA_G
ClientSampled :
SPMSD

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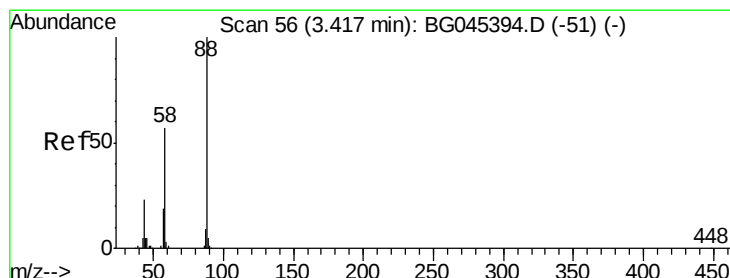
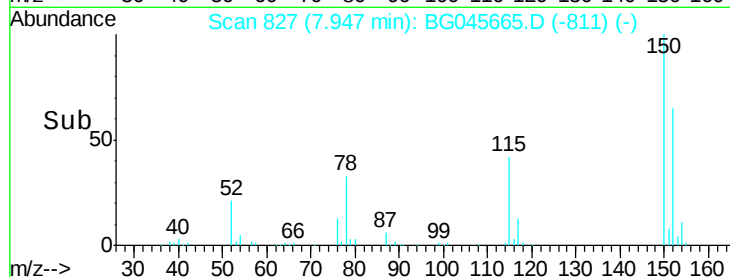
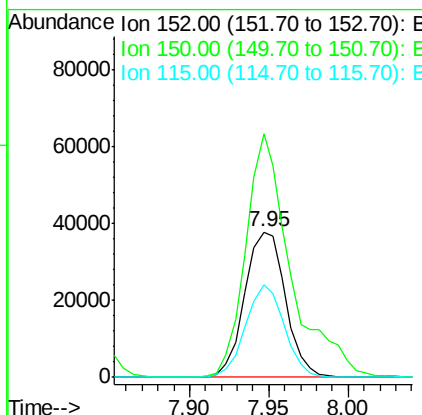
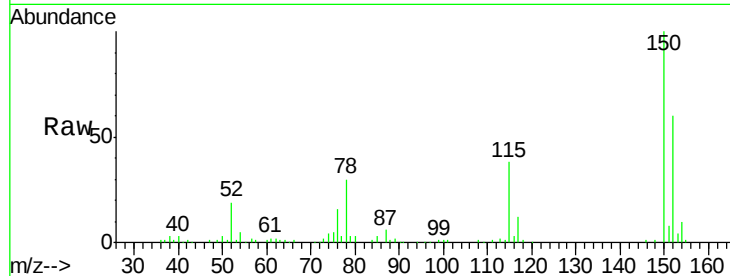
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	167.5	122.4	183.6
115	63.5	44.2	66.4

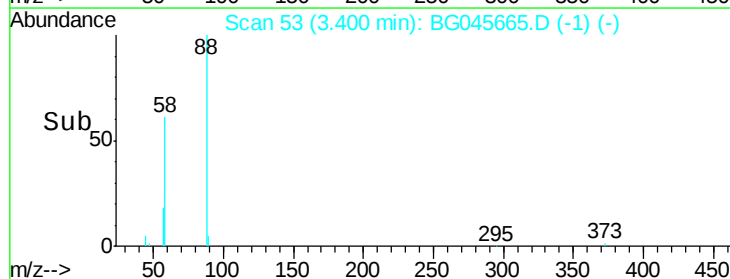
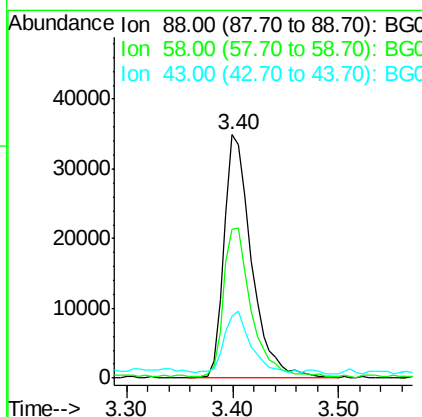
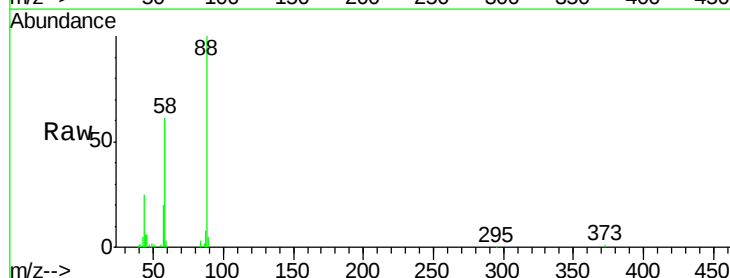
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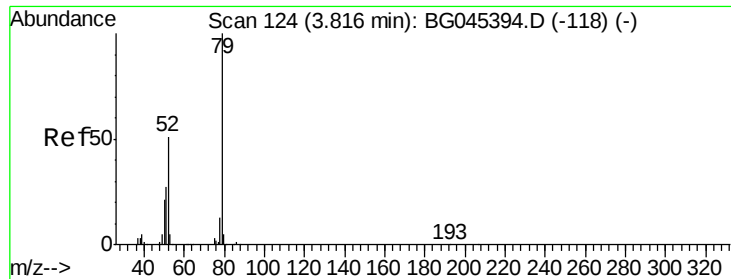
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#2
 1,4-Dioxane
 Concen: 36.66 ng
 RT: 3.40 min Scan# 53
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	45.7	68.5
43	23.9	16.8	25.2





#3

Pyridine

Concen: 30.46 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

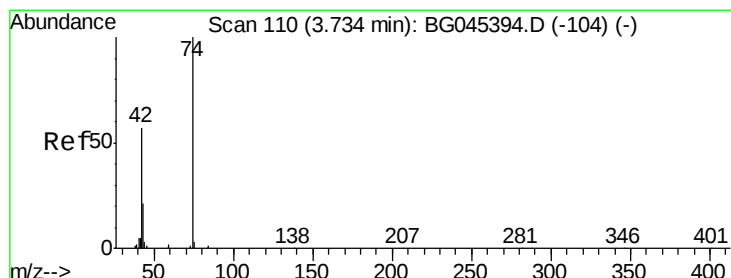
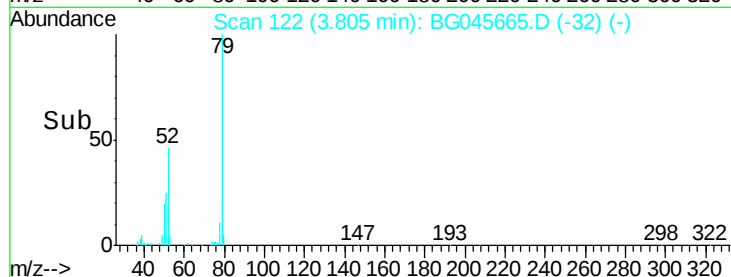
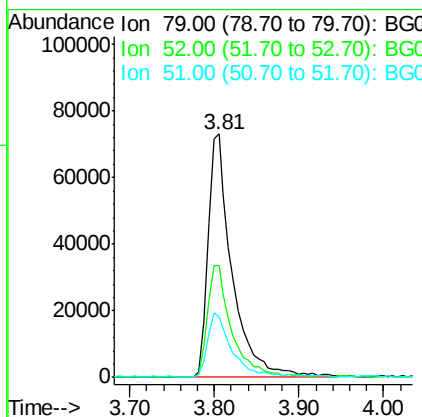
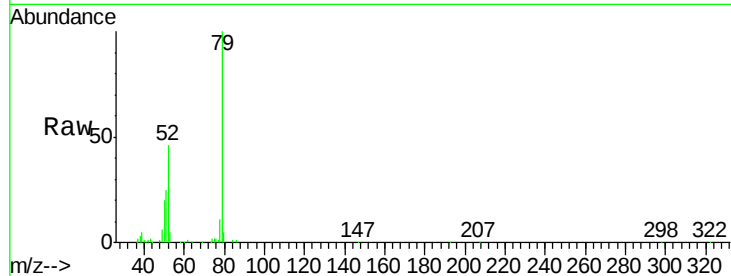
ClientSampled :

SPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.1	40.8	61.2
51	25.1	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 40.87 ng

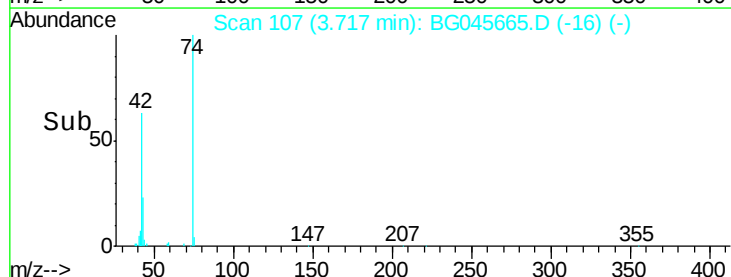
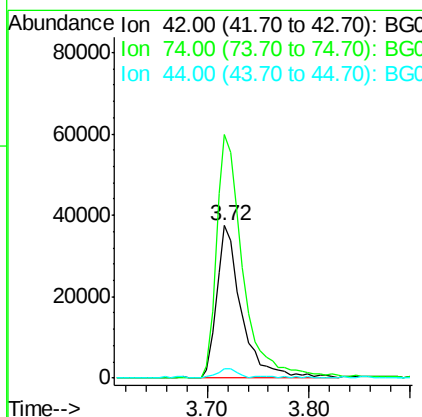
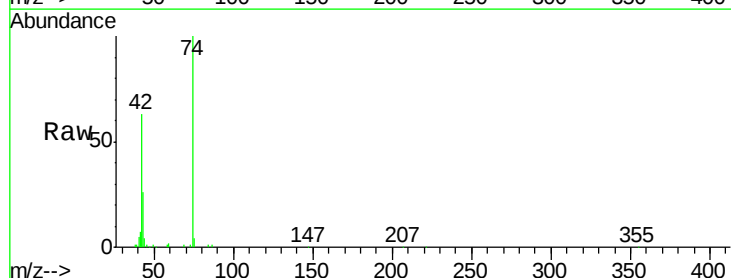
RT: 3.72 min Scan# 107

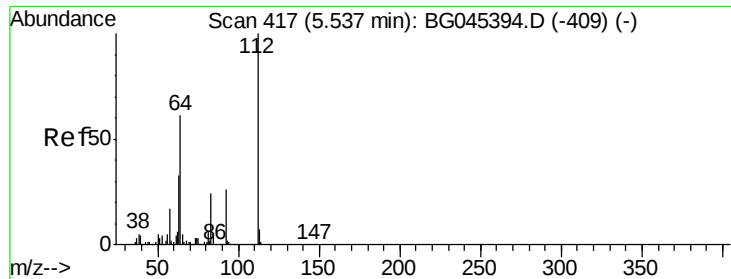
Delta R.T. 0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.6	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 118.20 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

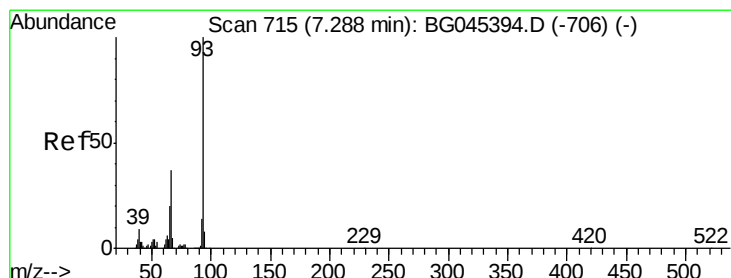
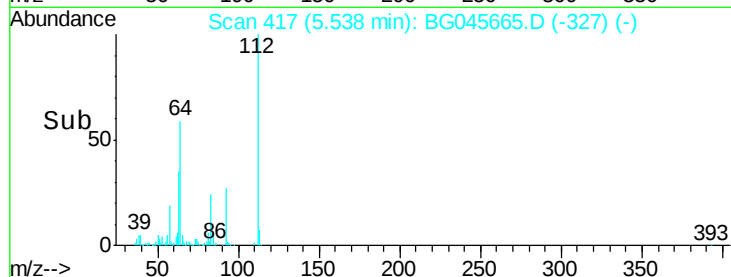
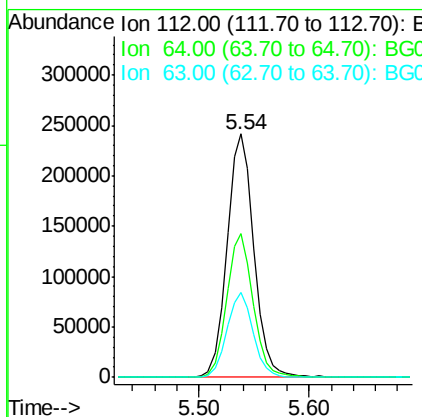
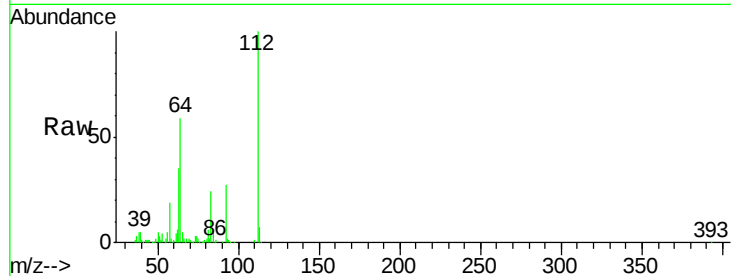
ClientSampleId :

SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	409693		
64	59.1		48.6	72.8
63	34.8		26.5	39.7

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#6

Aniline

Concen: 14.46 ng

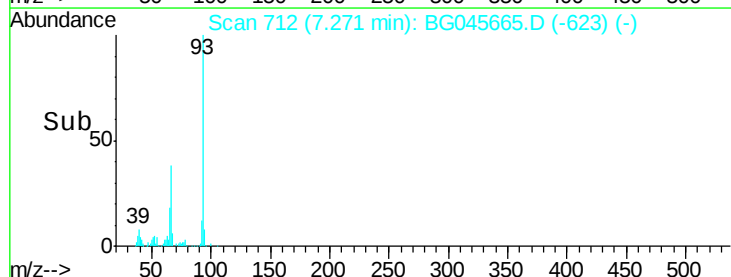
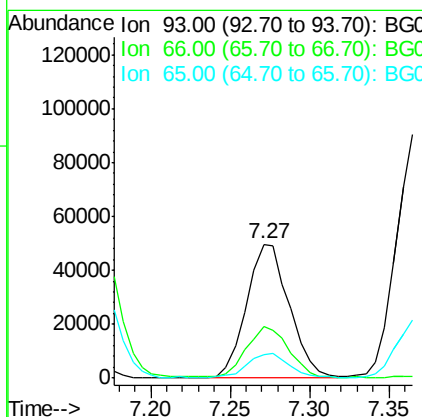
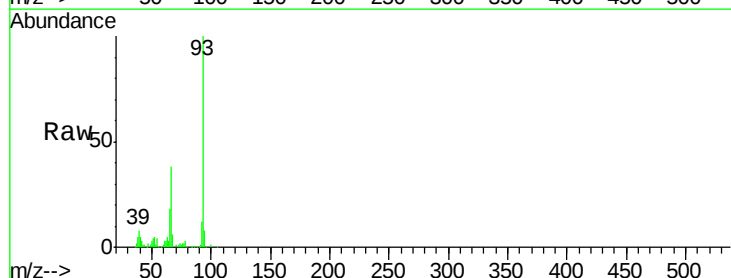
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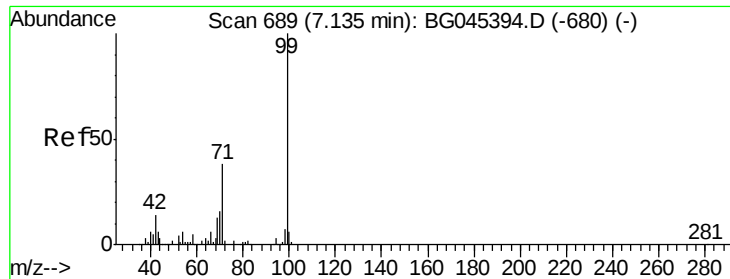
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93145		
66	38.5		29.6	44.4
65	17.9		15.9	23.9





#7

Phenol-d6

Concen: 116.87 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

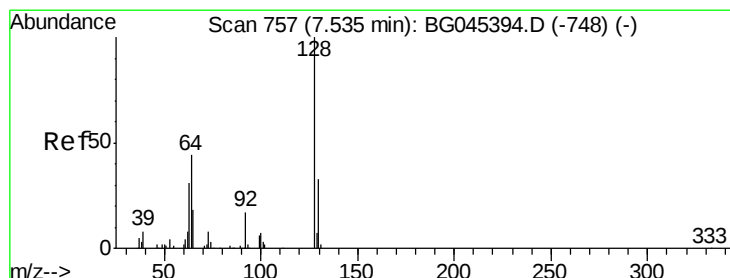
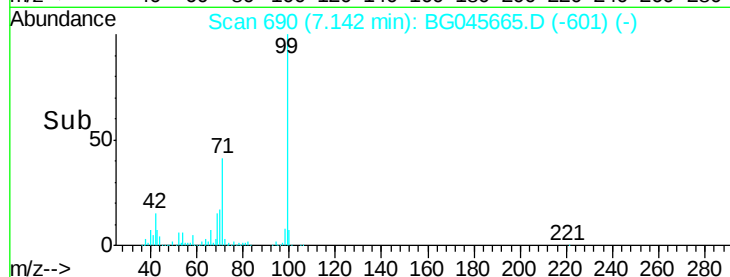
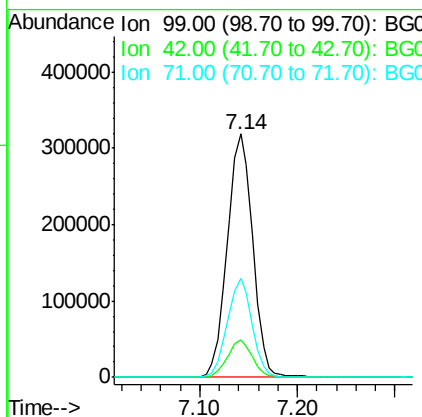
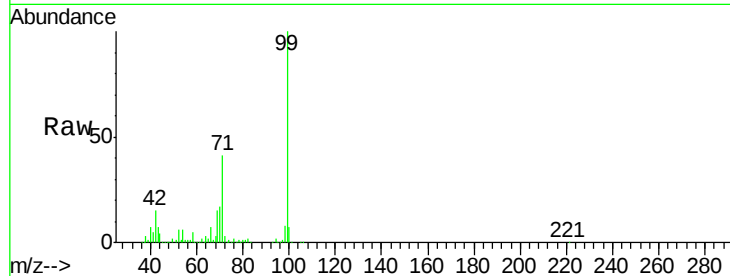
ClientSampleId :

SPMSD

Tgt Ion:	99	Resp:	576531
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.3	16.9
71	40.5	30.8	46.2

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#8

2-Chlorophenol

Concen: 42.26 ng

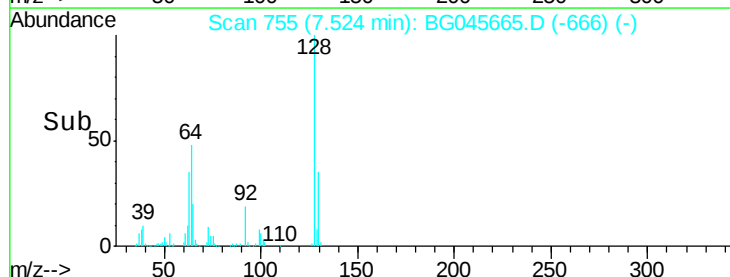
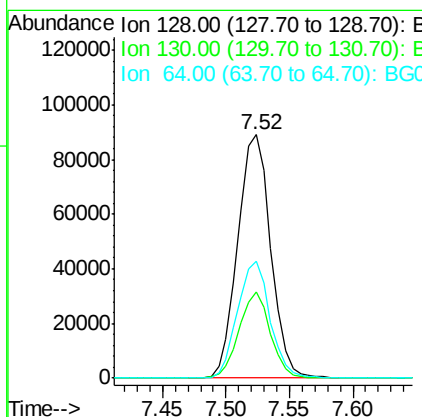
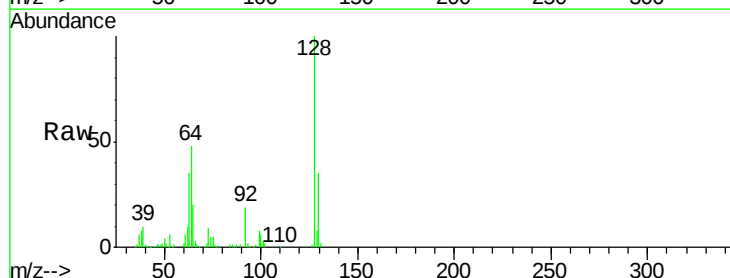
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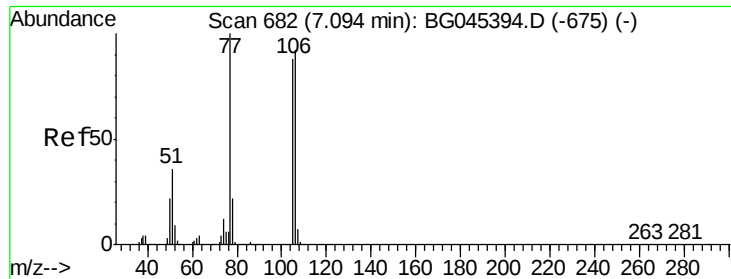
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:	128	Resp:	160624
Ion	Ratio	Lower	Upper
128	100		
130	35.4	12.6	52.6
64	48.2	27.0	67.0





#9

Benzaldehyde

Concen: 31.29 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045665.D

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Instrument :

BNA_G

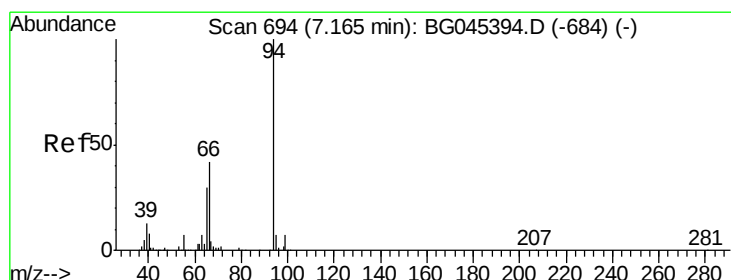
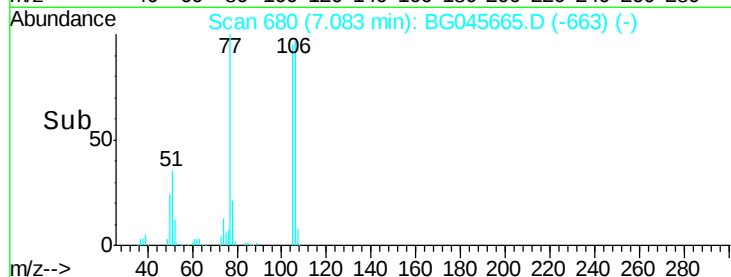
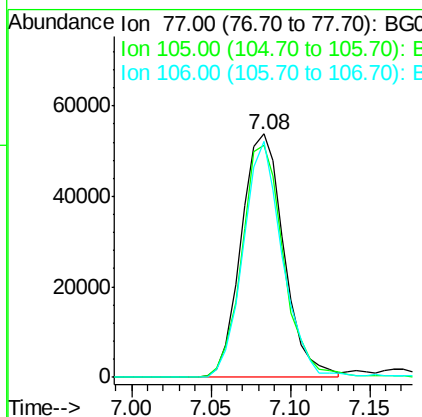
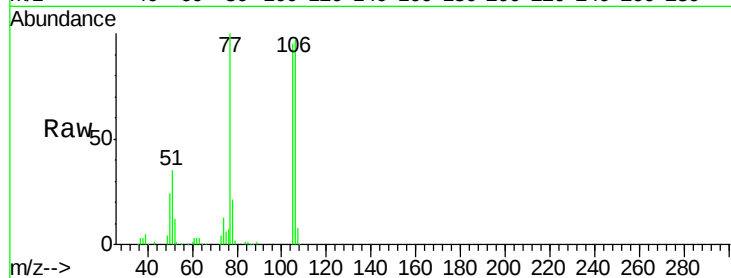
ClientSampleId :

SPMSD

Tgt Ion:	77	Resp:	100571
Ion Ratio	Lower	Upper	
77	100		
105	95.4	68.5	108.5
106	96.7	71.6	111.6

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#10

Phenol

Concen: 42.57 ng

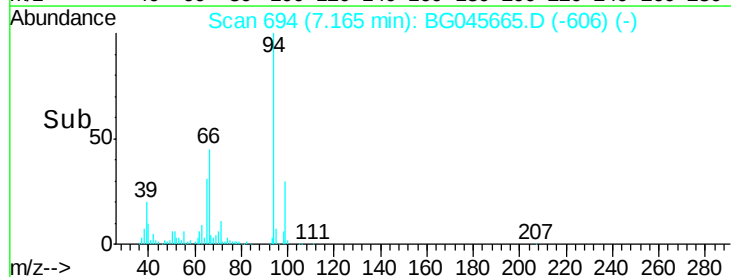
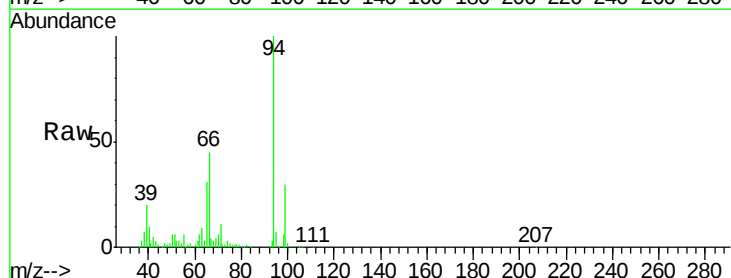
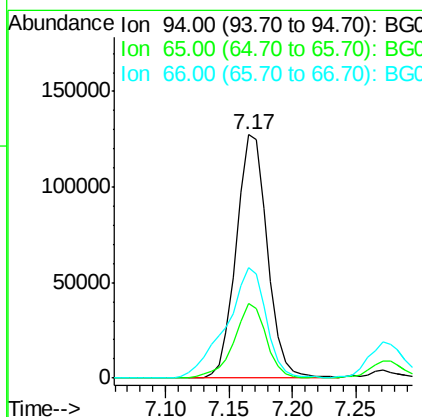
RT: 7.17 min Scan# 694

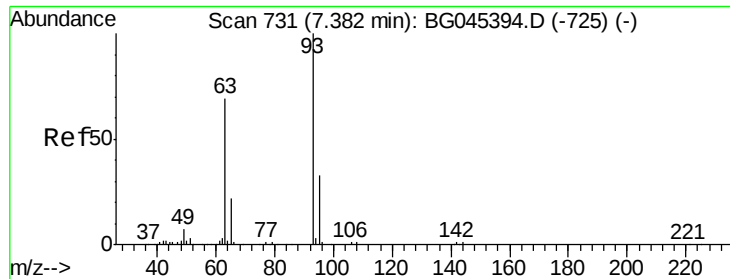
Delta R.T. -0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:	94	Resp:	216440
Ion Ratio	Lower	Upper	
94	100		
65	30.9	9.8	49.8
66	45.2	22.0	62.0





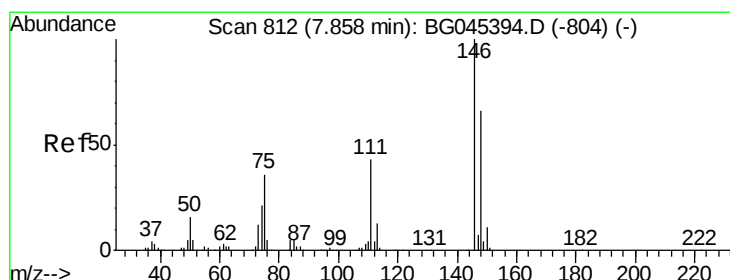
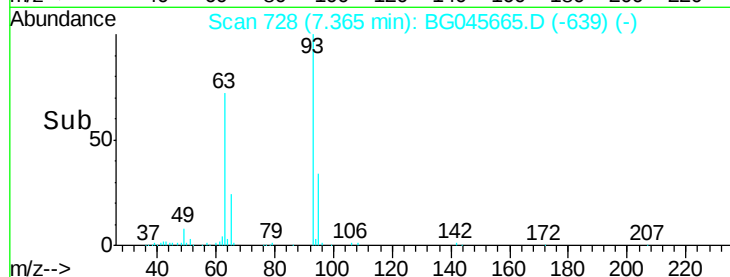
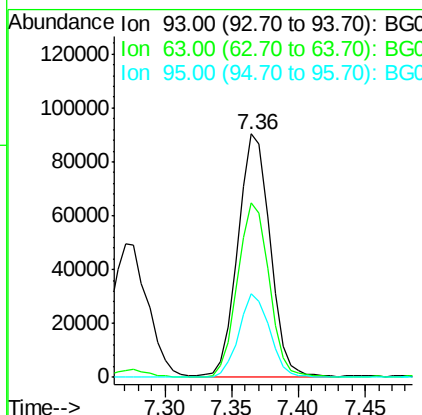
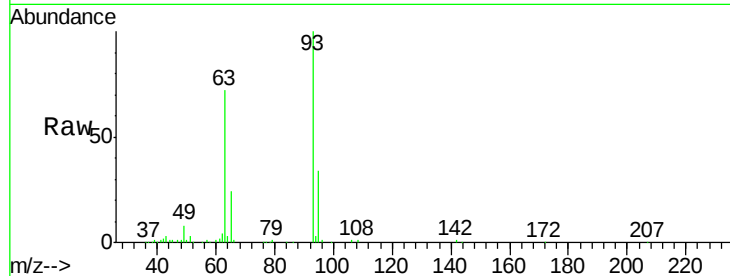
#11
bis(2-Chloroethyl)ether
Concen: 37.76 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	71.9	48.4	88.4
95	34.3	12.4	52.4

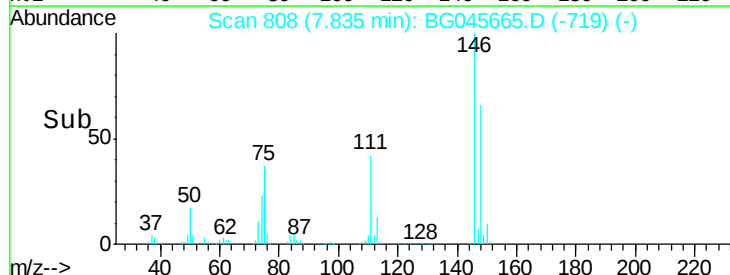
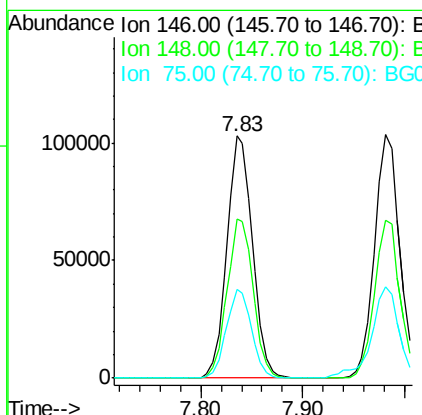
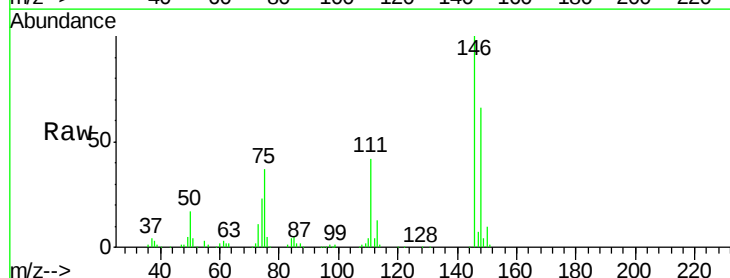
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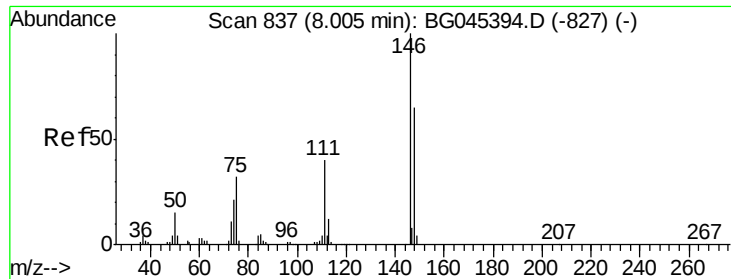
mohammad
6/10/2020 11:50:13 AM



#12
1,3-Dichlorobenzene
Concen: 39.33 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.8	53.2	79.8
75	36.8	28.6	43.0





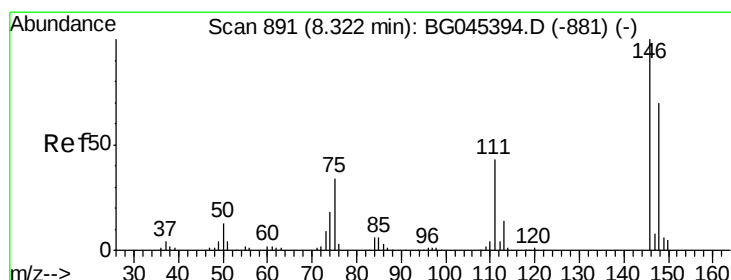
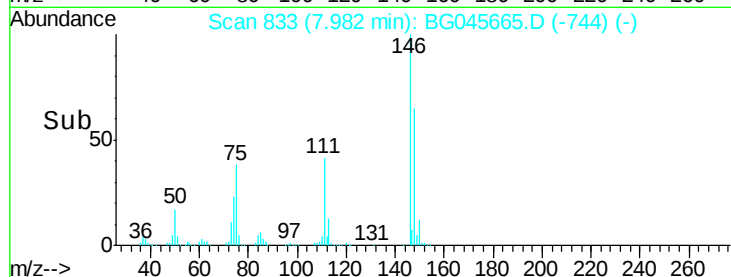
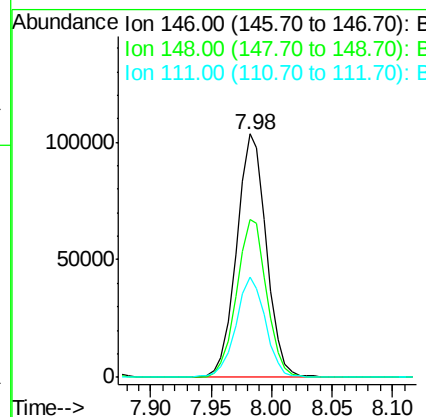
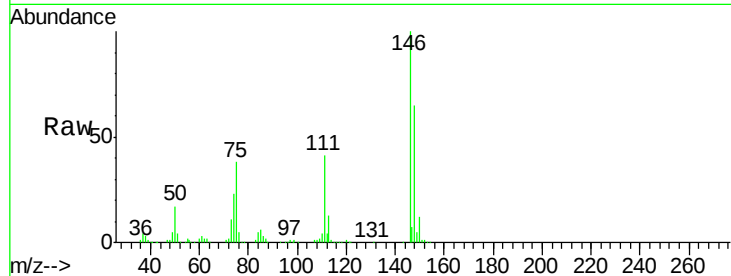
#13
 1,4-Dichlorobenzene
 Concen: 39.34 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	41.1	32.1	48.1

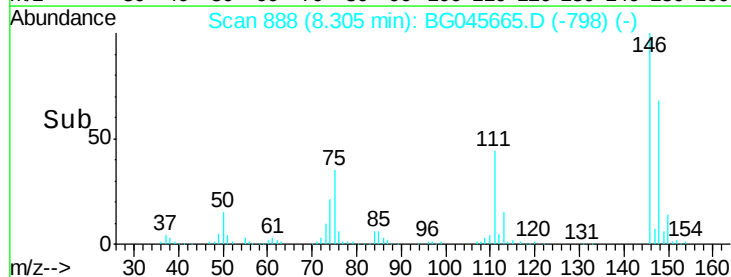
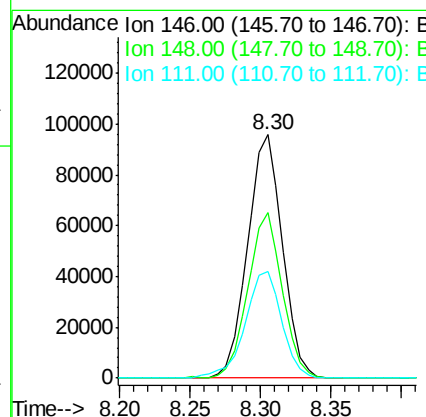
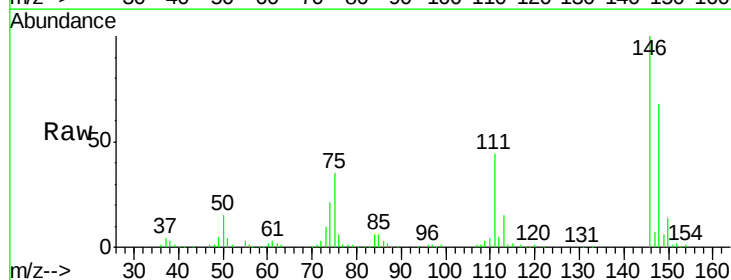
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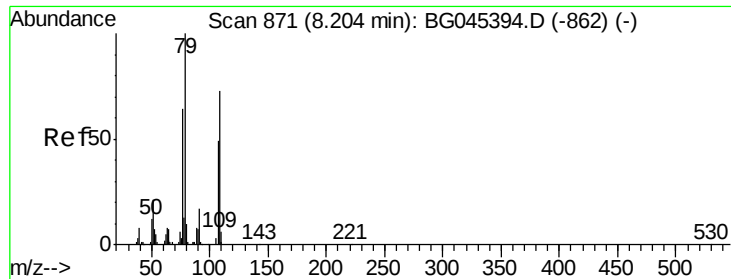
mohammad
 6/10/2020 11:50:13 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.19 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	55.9	83.9
111	44.1	35.0	52.4





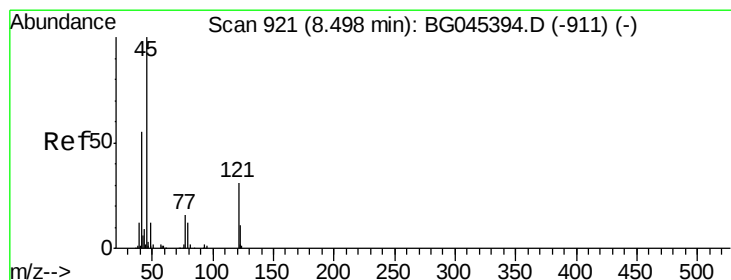
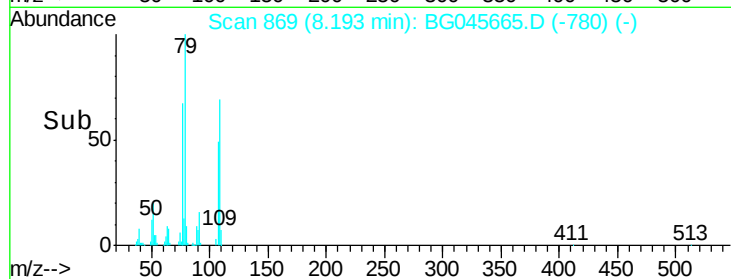
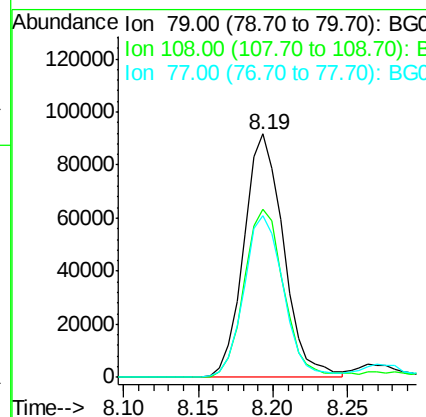
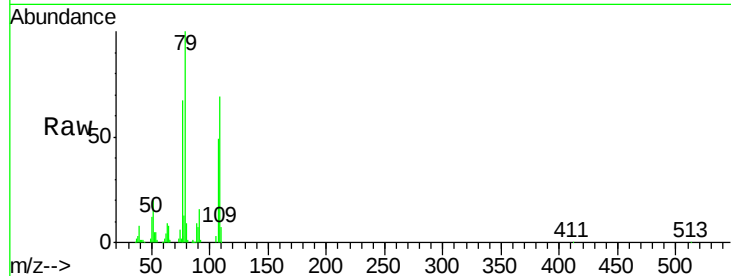
#15
Benzyl Alcohol
Concen: 41.37 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.1	58.2	87.4
77	66.7	51.0	76.4

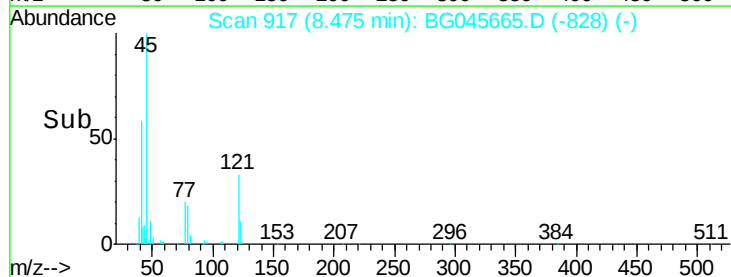
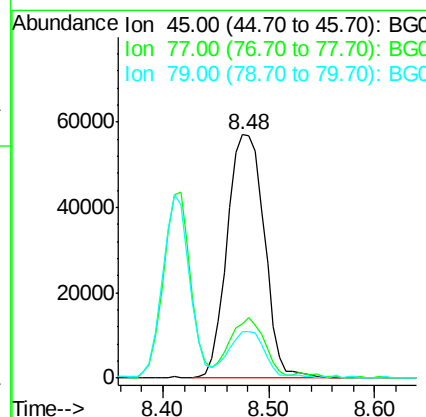
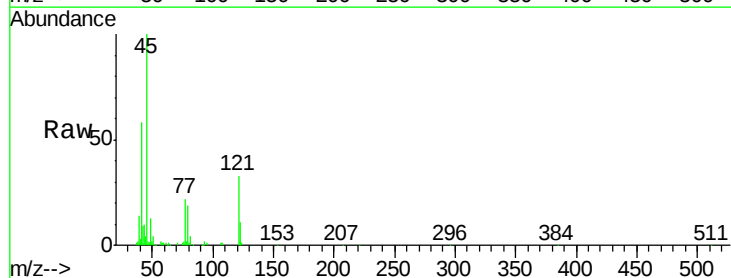
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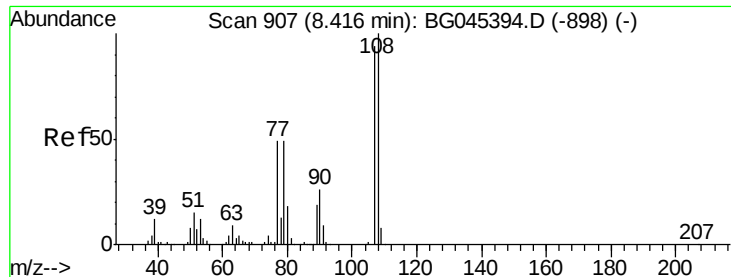
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.98 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	4.0	44.0
79	19.2	0.0	38.6





#17

2-Methylphenol

Concen: 37.95 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045665.D

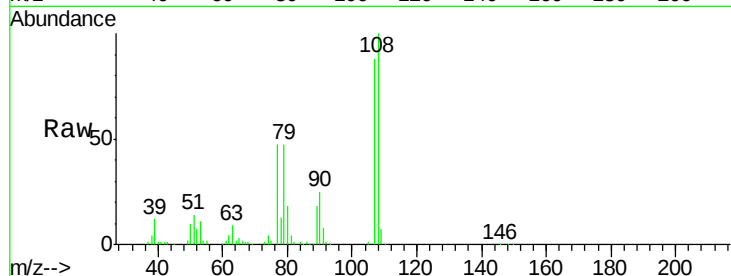
Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

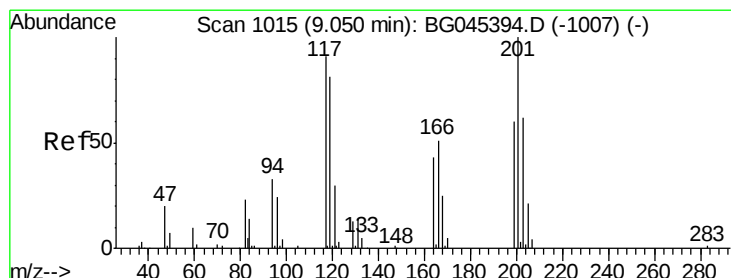
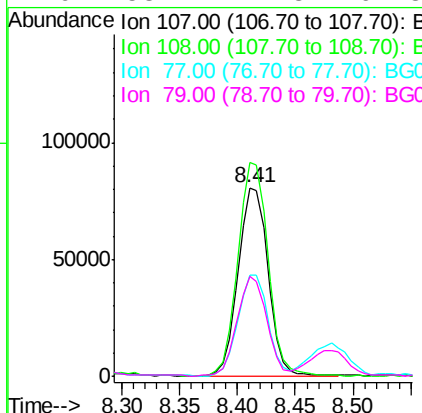
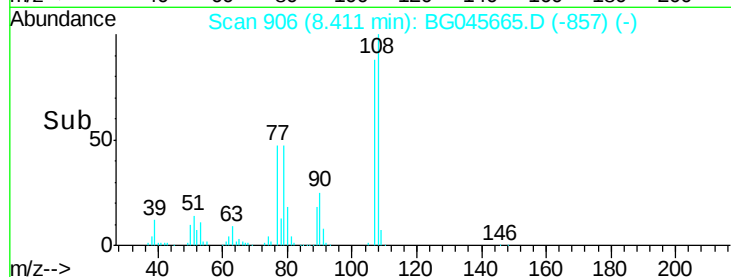
SPMSD



Tgt Ion:	107	Resp:	144427
Ion Ratio	Lower	Upper	
107	100		
108	113.2	85.2	127.8
77	53.4	41.6	62.4
79	53.1	41.8	62.8

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#18

Hexachloroethane

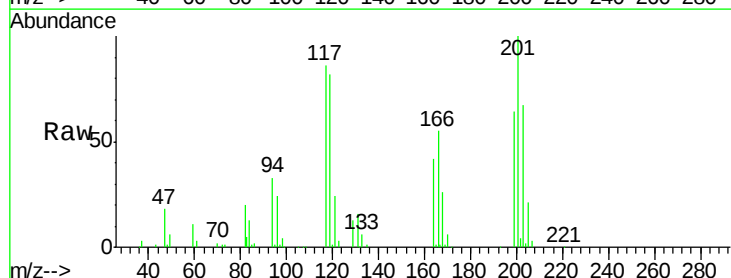
Concen: 40.13 ng

RT: 9.03 min Scan# 1012

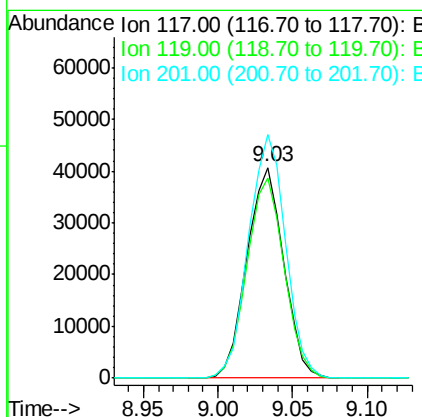
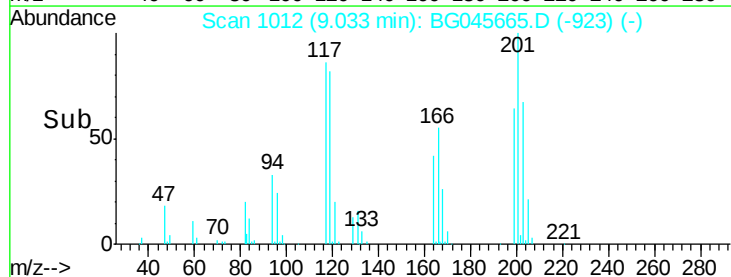
Delta R.T. -0.00 min

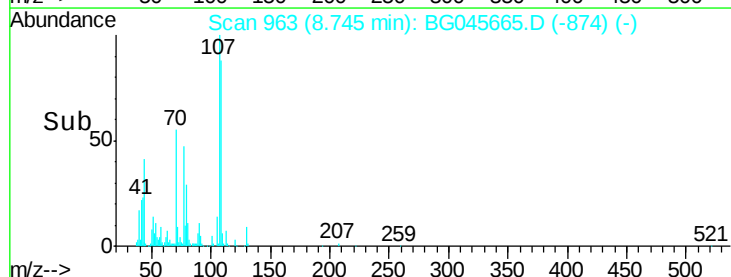
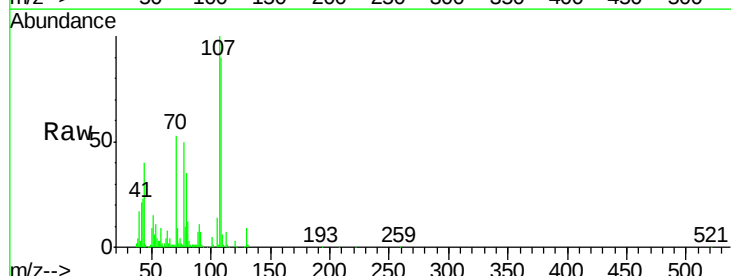
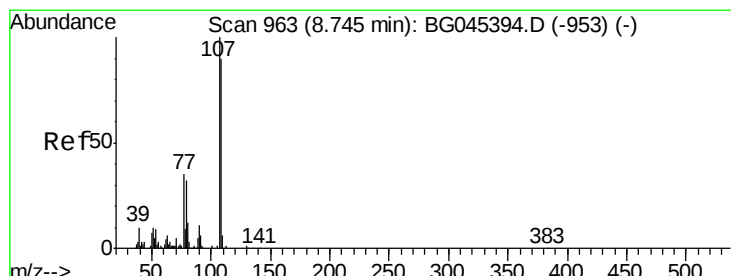
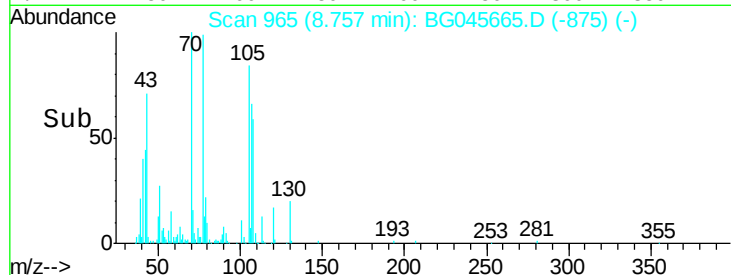
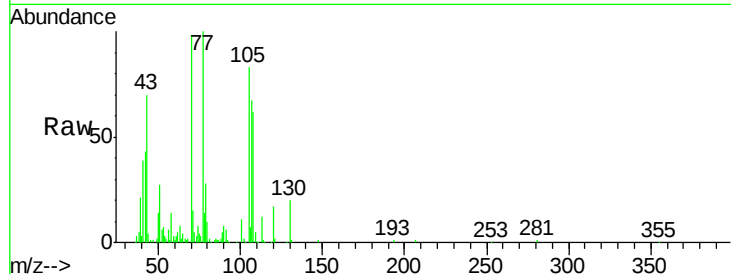
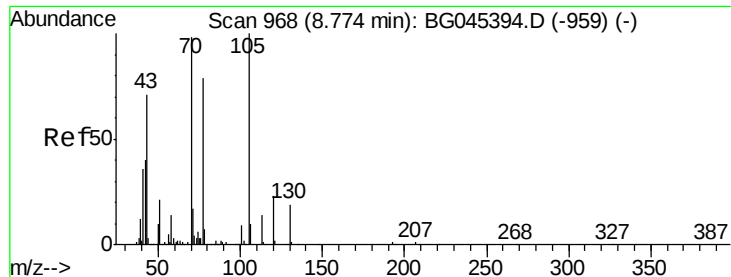
Lab File: BG045665.D

Acq: 9 Jun 2020 15:46



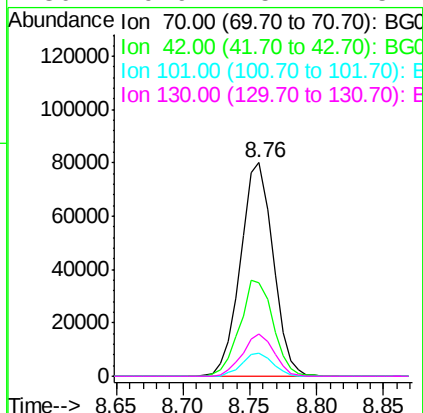
Tgt Ion:	117	Resp:	69284
Ion Ratio	Lower	Upper	
117	100		
119	95.3	71.3	106.9
201	115.7	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 39.66 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.7	33.2	49.8	
101	10.8	7.8	11.6	
130	19.9	15.4	23.2	



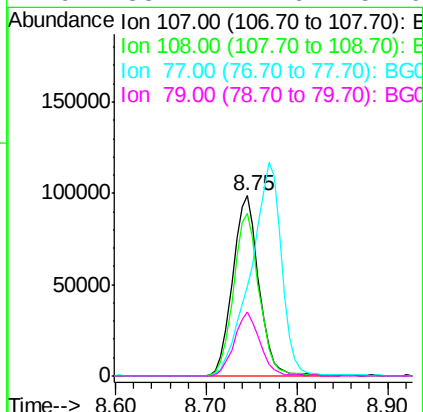
Instrument :
BNA_G
ClientSampleId :
SPMSD

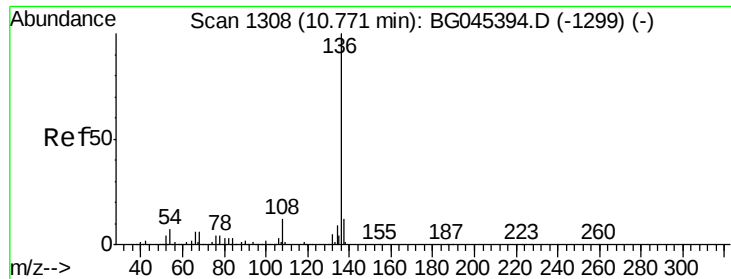
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#20
3+4-Methylphenols
Concen: 38.38 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	70.3	110.3	
77	50.1	15.4	55.4	
79	35.2	12.6	52.6	





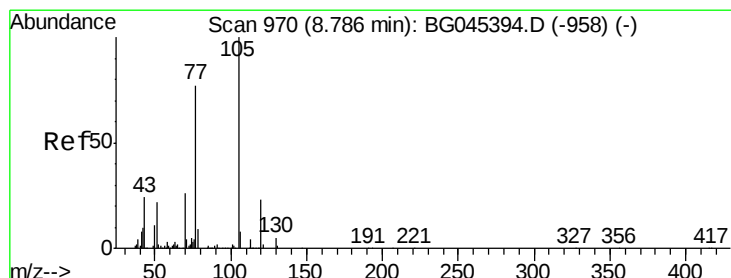
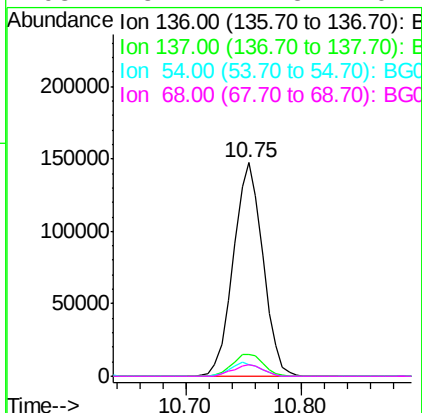
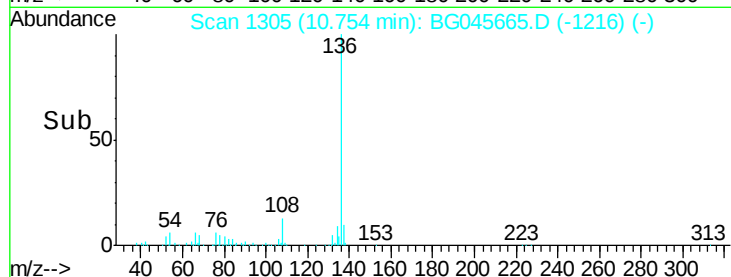
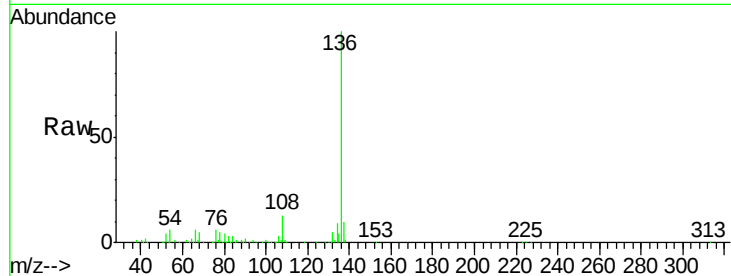
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	260251		
137	10.4		9.4	14.2
54	5.6		5.8	8.6#
68	5.4		4.5	6.7

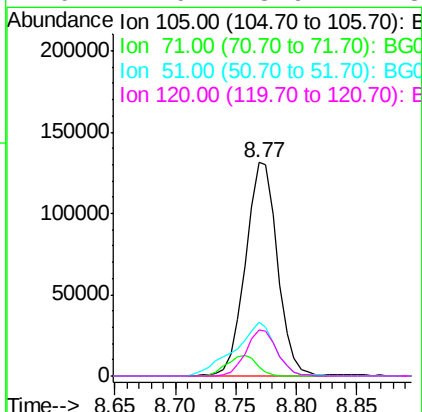
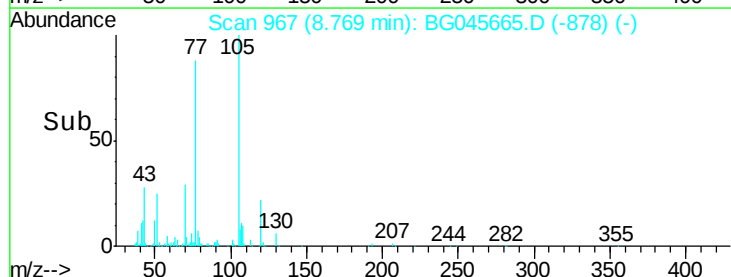
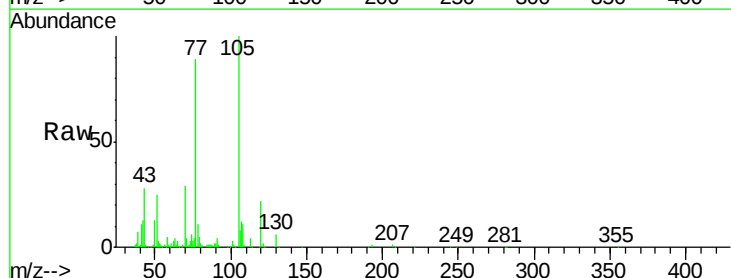
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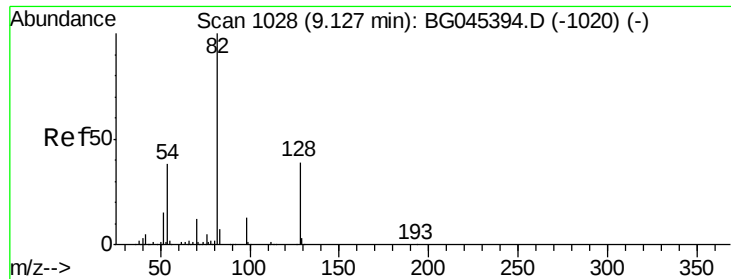
mohammad
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#22
Acetophenone
Concen: 39.42 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243166		
71	4.4		3.4	5.0
51	25.1		18.2	27.2
120	21.9		18.6	27.8





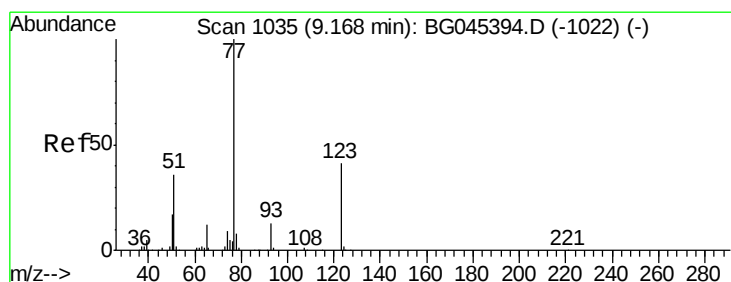
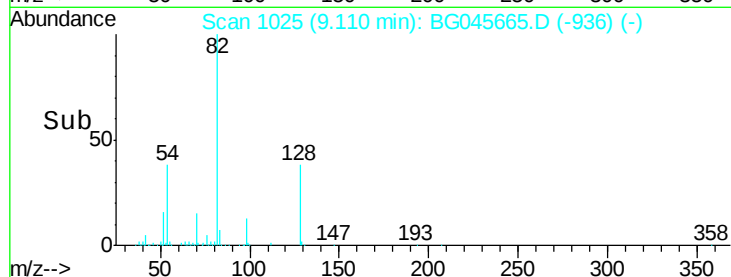
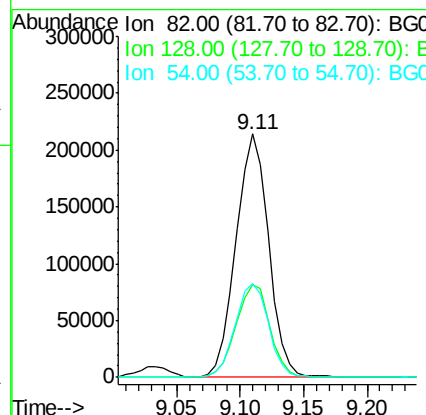
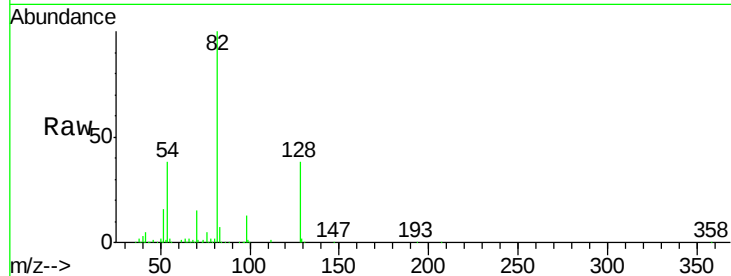
#23
 Nitrobenzene-d5
 Concen: 79.70 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	37.9	30.9	46.3
54	38.3	30.3	45.5

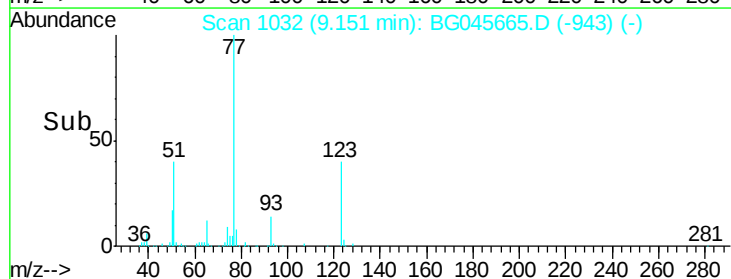
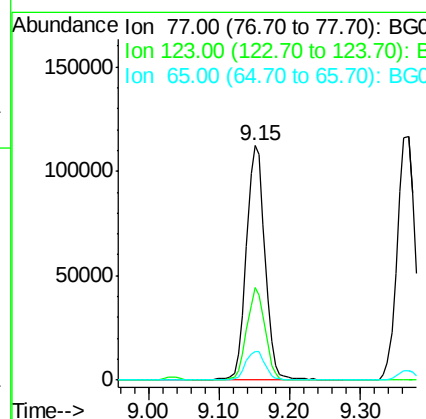
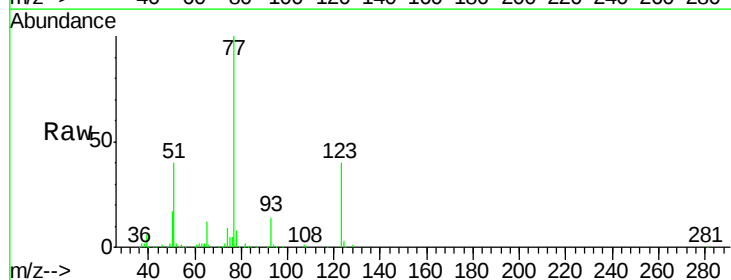
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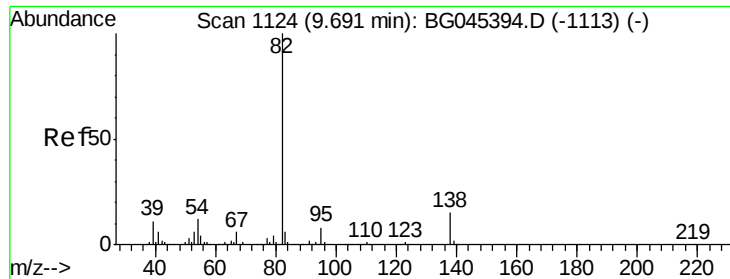
mohammad
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#24
 Nitrobenzene
 Concen: 40.32 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	39.7	32.9	49.3
65	12.3	9.4	14.2





#25

Isophorone

Concen: 39.10 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

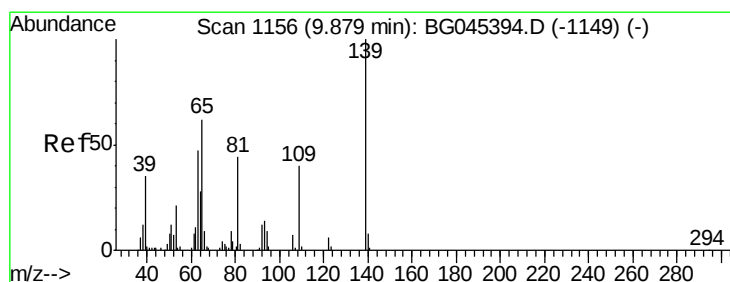
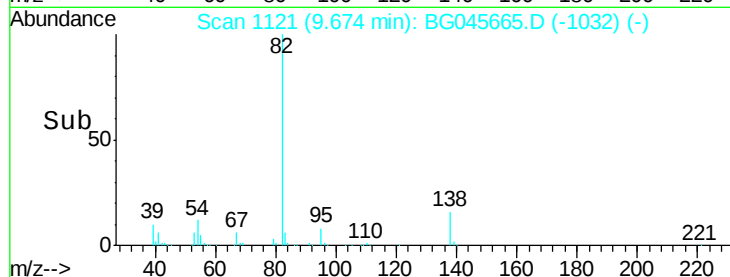
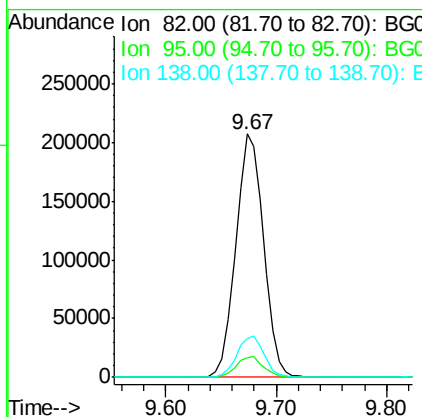
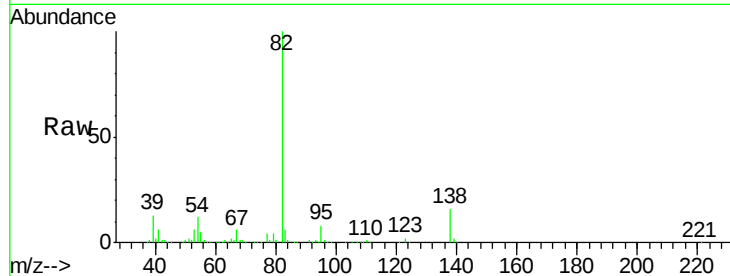
ClientSampled :

SPMSD

Tgt Ion:	82	Resp:	367473
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	16.0	12.2	18.4

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#26

2-Nitrophenol

Concen: 42.12 ng

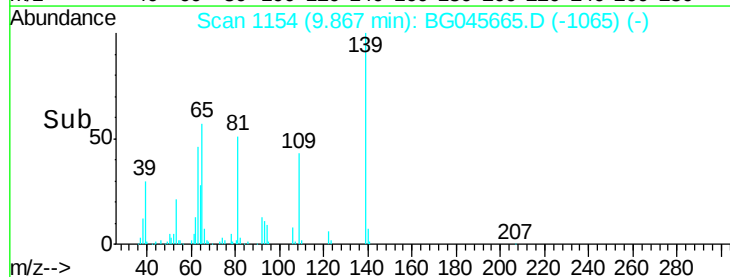
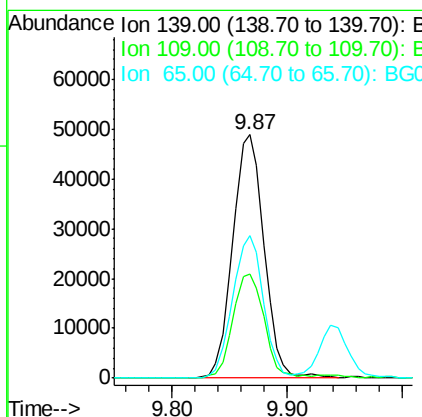
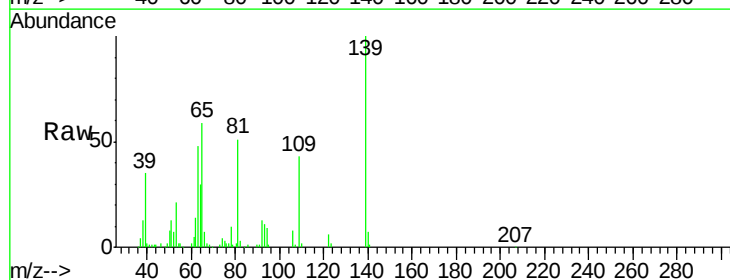
RT: 9.87 min Scan# 1154

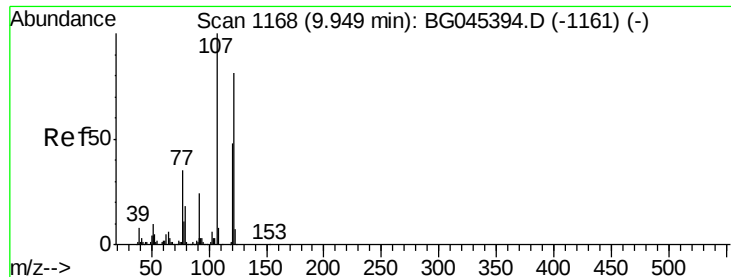
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:	139	Resp:	92135
Ion Ratio	Lower	Upper	
139	100		
109	42.8	32.2	48.4
65	58.7	49.6	74.4





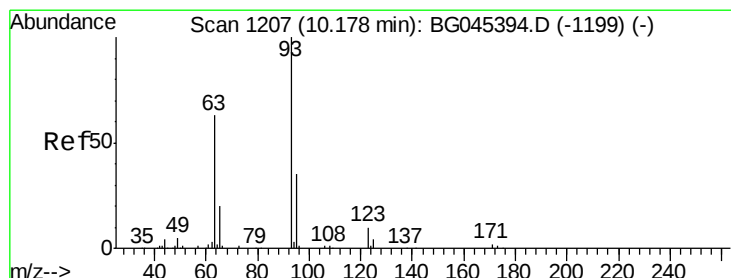
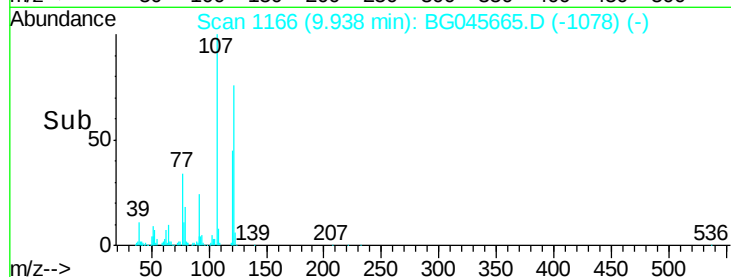
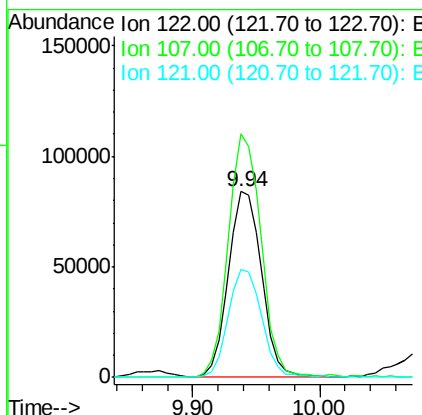
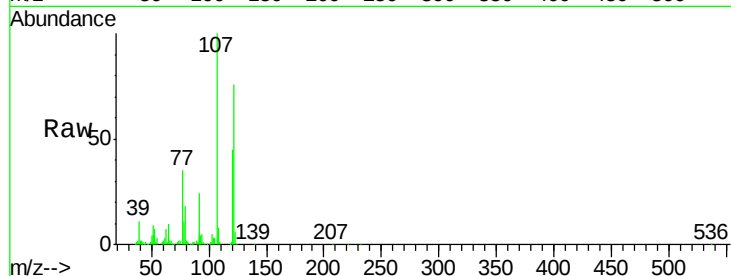
#27
2,4-Dimethylphenol
Concen: 46.67 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	151414		
107	131.1	99.0	148.4	
121	58.4	47.7	71.5	

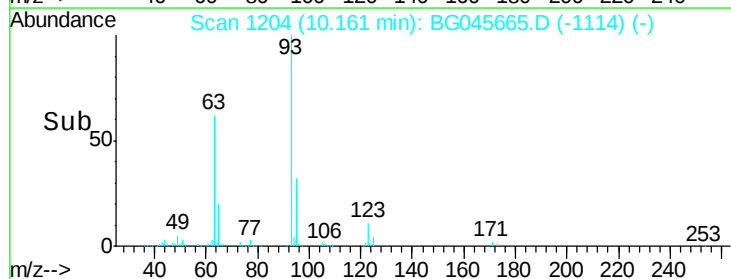
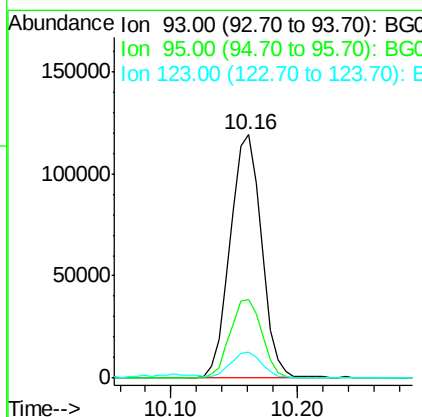
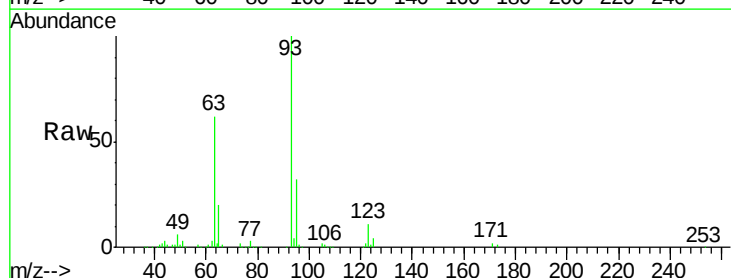
Manual Integrations
APPROVED

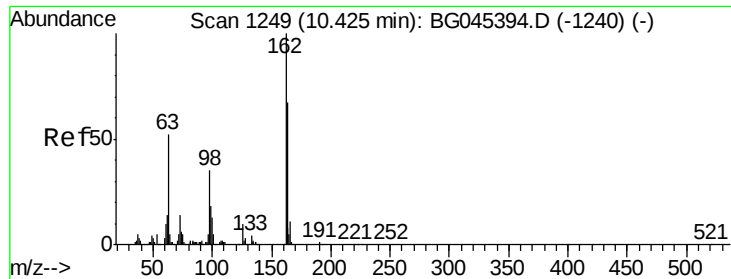
mohammad
6/10/2020 11:50:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.46 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204354		
95	32.4	27.6	41.4	
123	10.8	8.1	12.1	





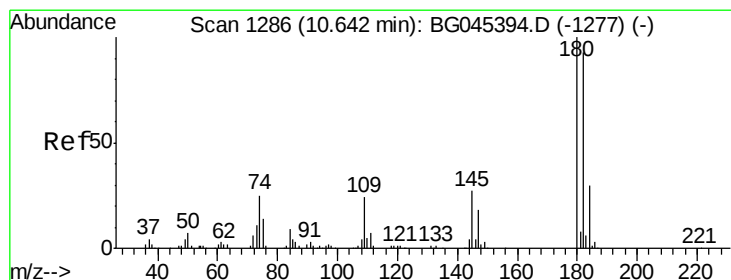
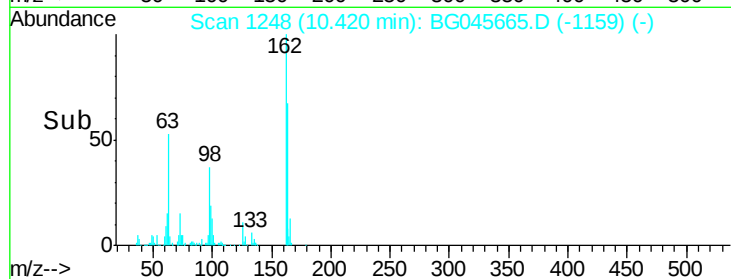
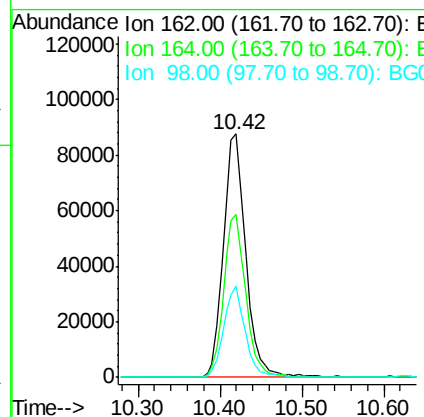
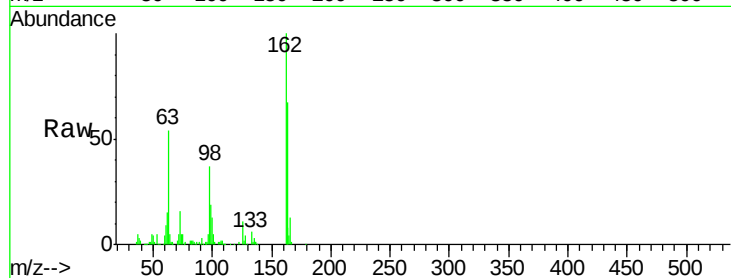
#29
 2,4-Dichlorophenol
 Concen: 43.64 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	167166		
164	67.1	46.8	86.8	
98	37.3	15.2	55.2	

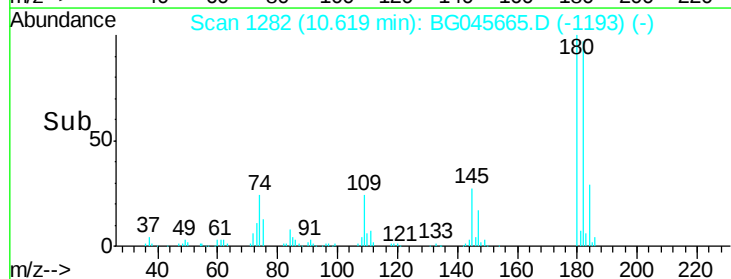
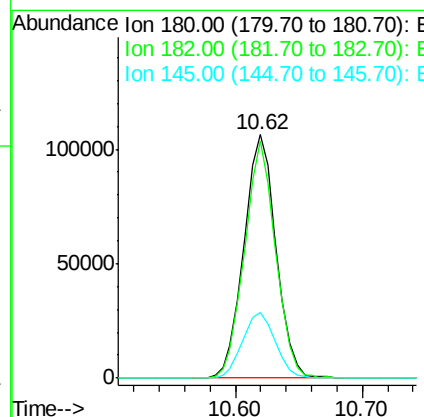
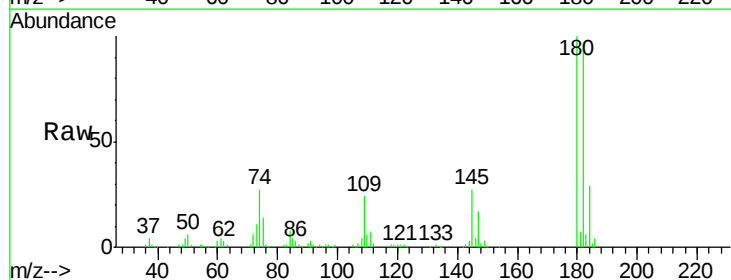
Manual Integrations
 APPROVED

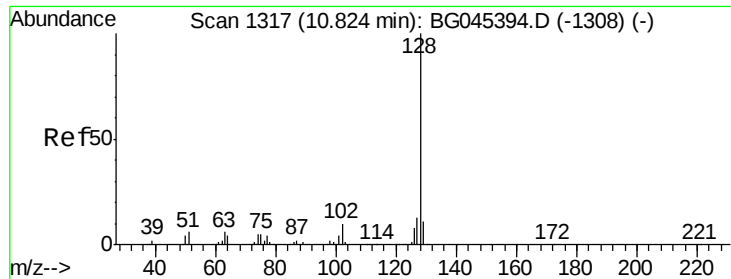
mohammad
 6/10/2020 11:50:13 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.21 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186564		
182	97.2	74.8	112.2	
145	27.1	21.9	32.9	





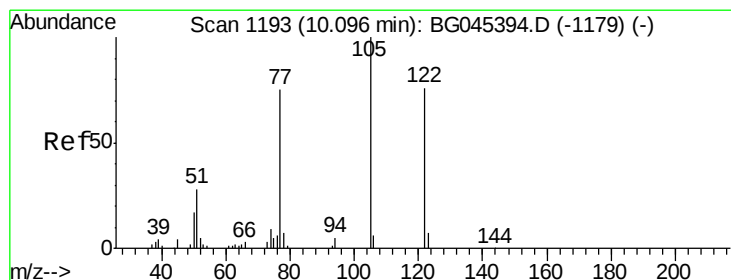
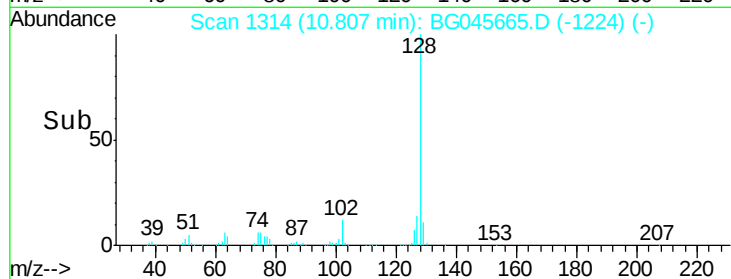
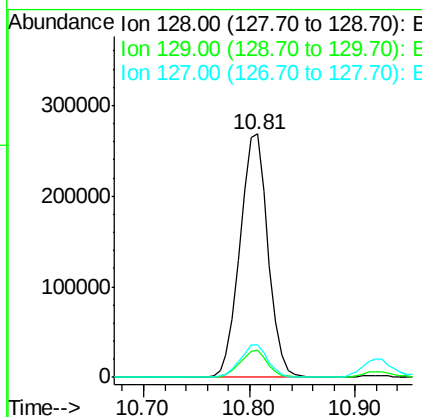
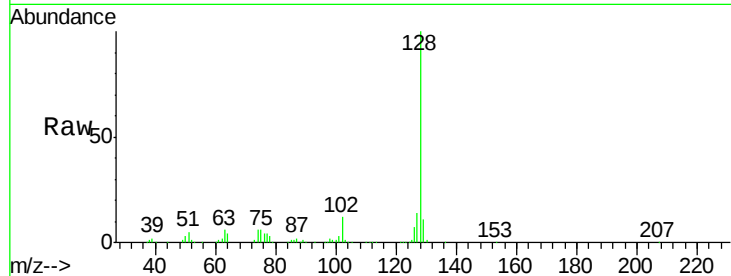
#31
Naphthalene
Concen: 40.52 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	491359		
129	11.1	9.0	13.6	
127	13.6	10.7	16.1	

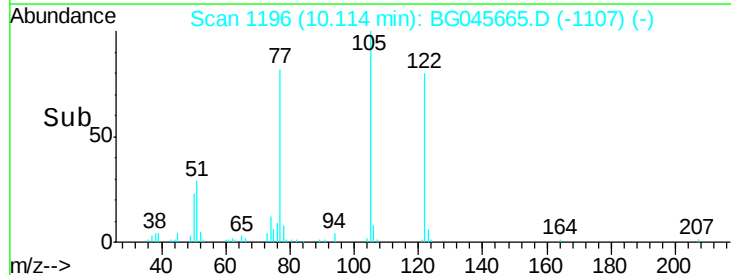
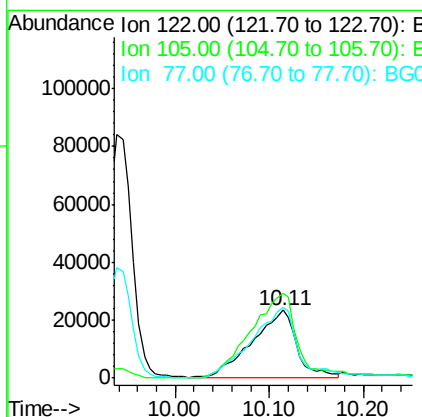
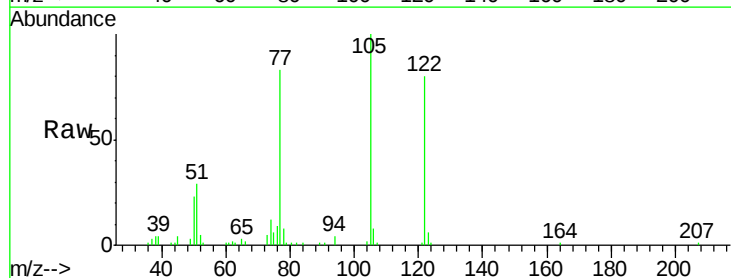
Manual Integrations
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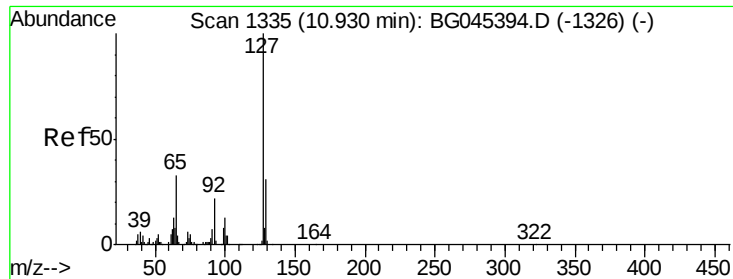
mohammad
6/10/2020 11:50:13 AM



#32
Benzoic acid
Concen: 37.09 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	75484		
105	125.2	107.9	147.9	
77	104.1	78.9	118.9	





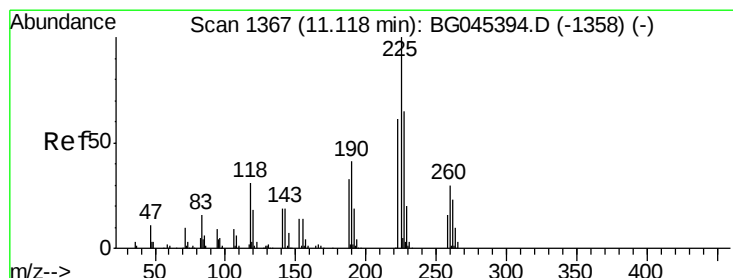
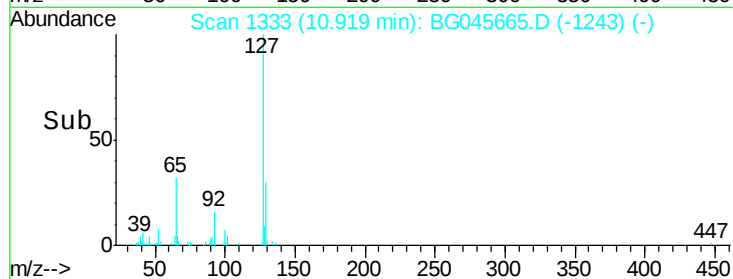
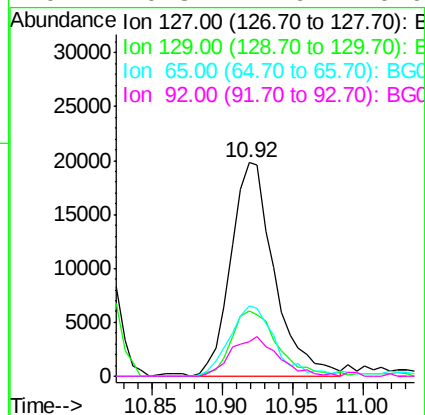
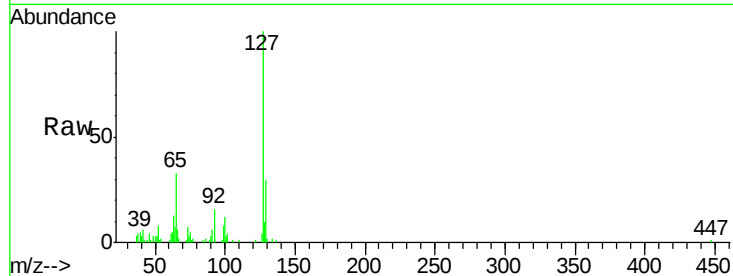
#33
4-Chloroaniline
Concen: 8.41 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion:	127	Resp:	42625
Ion Ratio	Lower	Upper	
127	100		
129	30.4	24.7	37.1
65	32.8	26.2	39.2
92	16.3	17.9	26.9

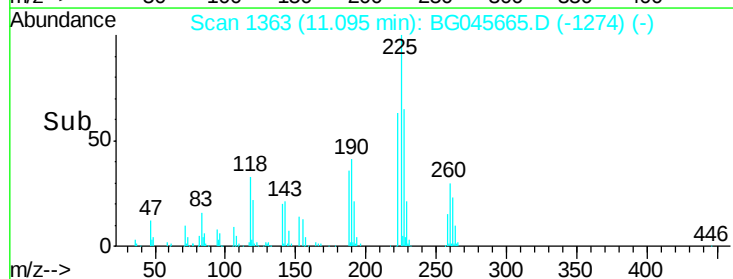
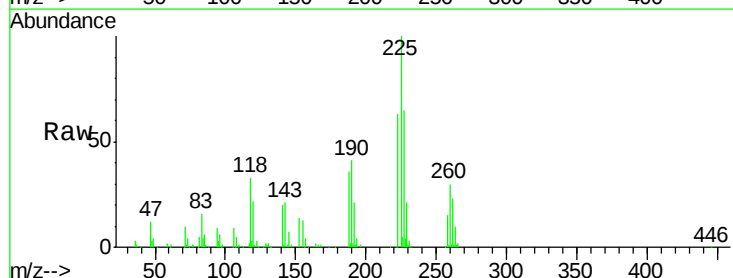
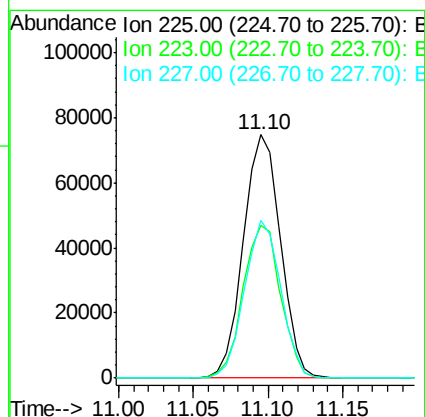
Manual Integrations
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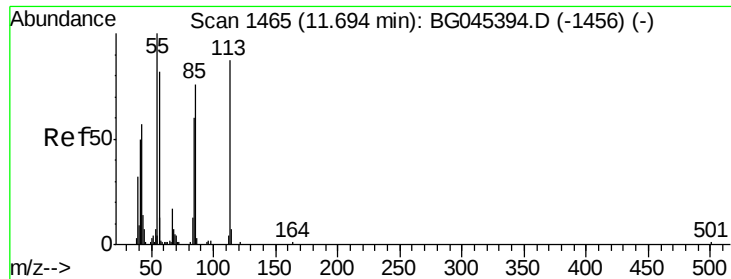
mohammad
6/10/2020 11:50:13 AM



#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:	225	Resp:	129176
Ion Ratio	Lower	Upper	
225	100		
223	62.5	49.1	73.7
227	64.6	52.0	78.0





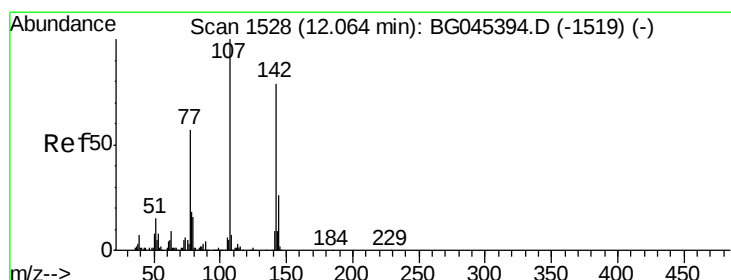
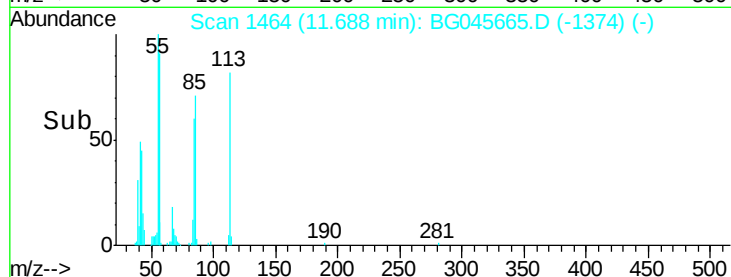
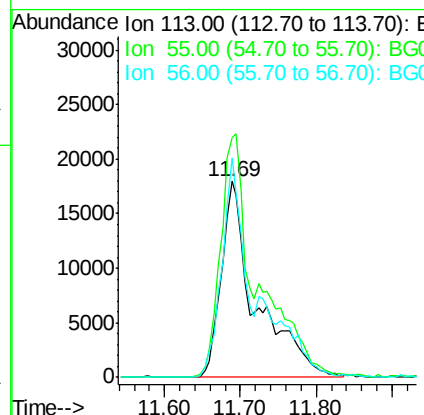
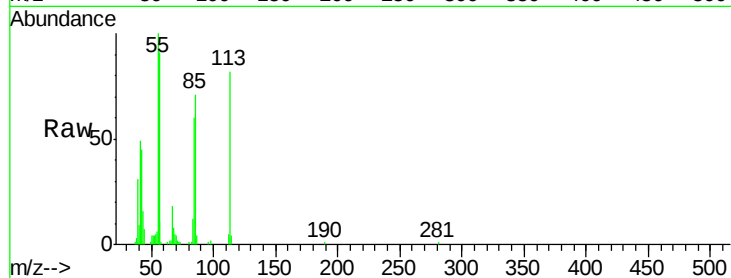
#35
 Caprolactam
 Concen: 40.51 ng m
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	56960		
55	122.4	96.0	136.0	
56	111.8	75.1	115.1	

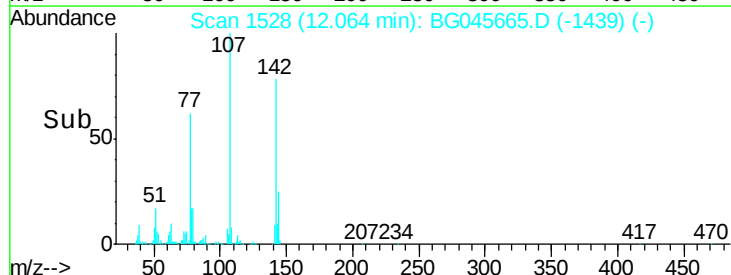
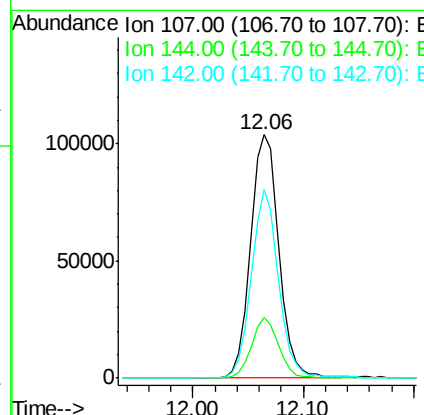
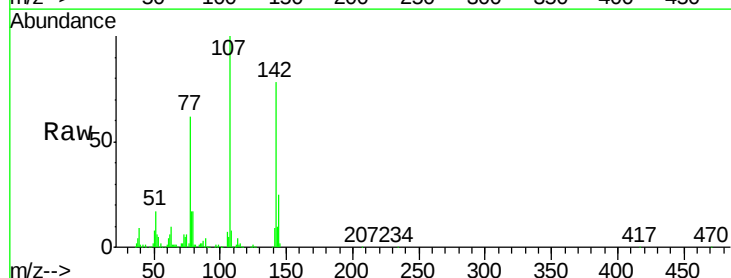
Manual Integrations
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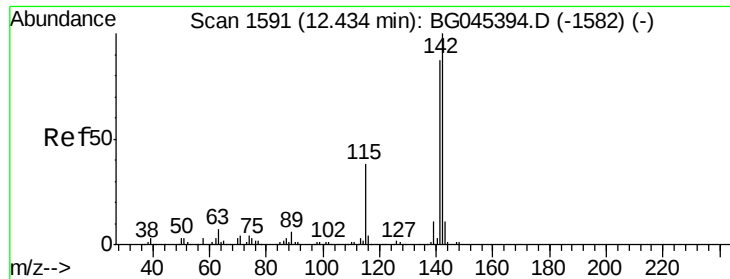
mohammad
 6/10/2020 11:50:13 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.30 ng
 RT: 12.06 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	186921		
144	25.0	20.8	31.2	
142	77.6	62.8	94.2	





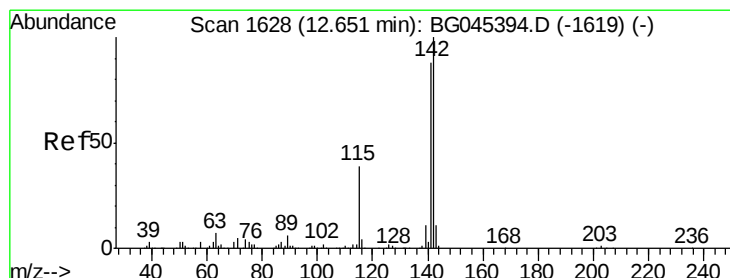
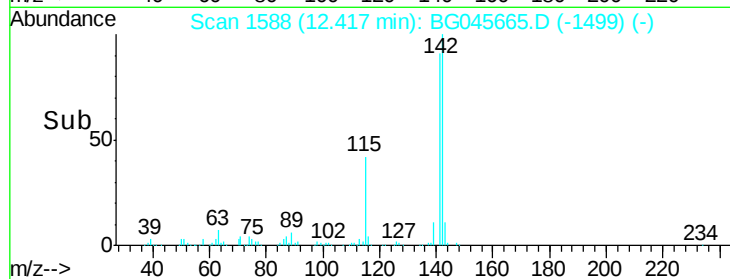
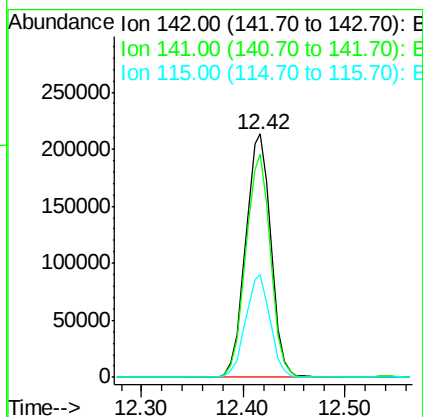
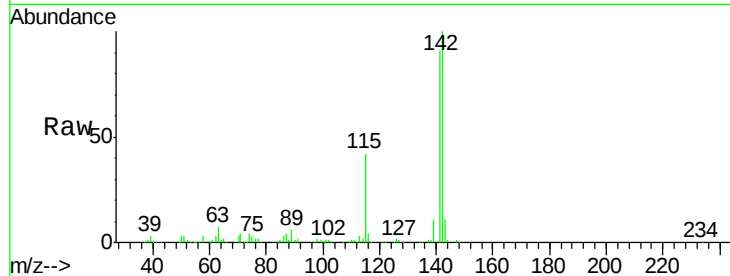
#37
2-Methylnaphthalene
Concen: 40.64 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.0	105.0
115	42.3	30.8	46.2

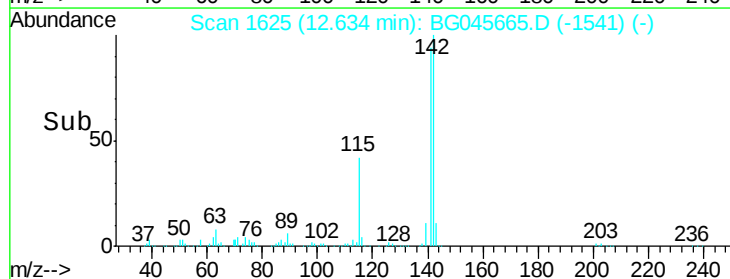
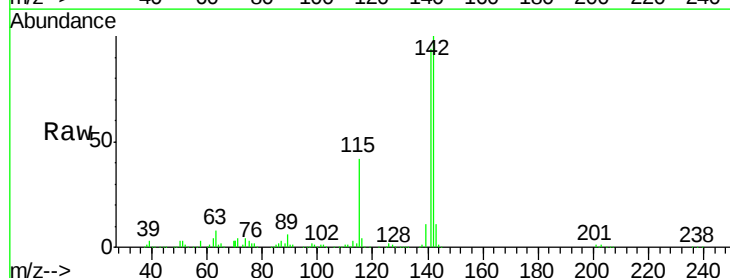
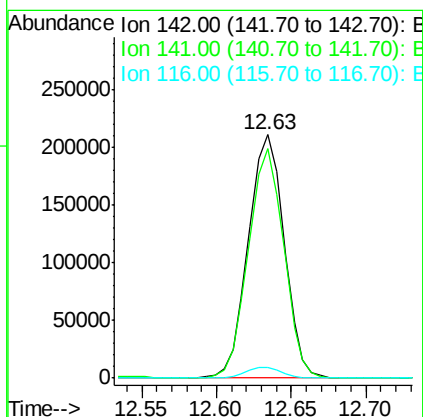
Manual Integrations
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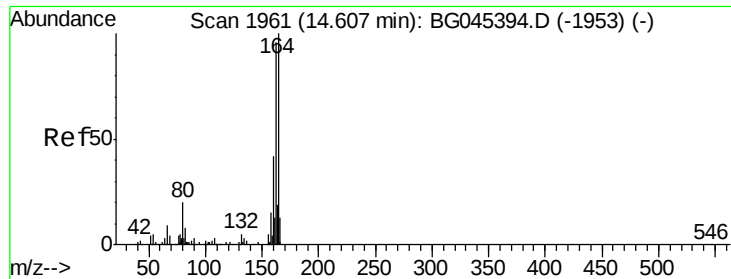
mohammad
6/10/2020 11:50:13 AM



#38
1-Methylnaphthalene
Concen: 40.90 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.8	106.2
116	4.3	3.0	4.6





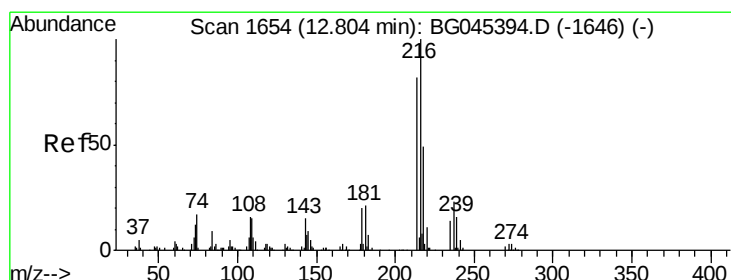
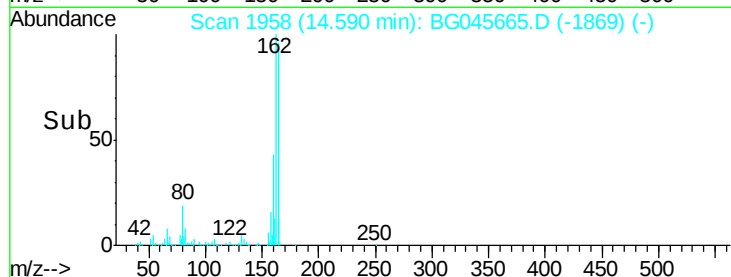
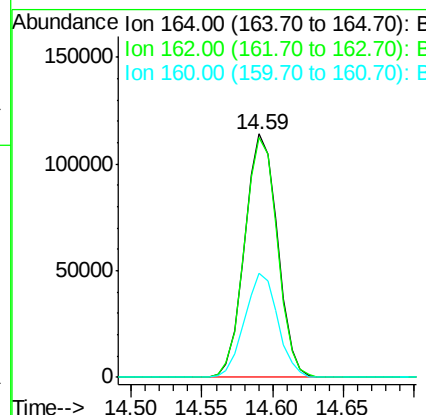
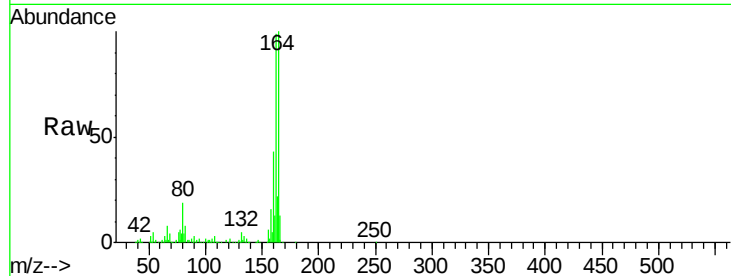
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	76.9	115.3
160	42.5	33.8	50.8

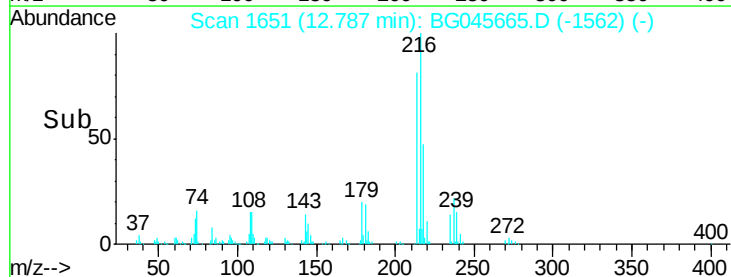
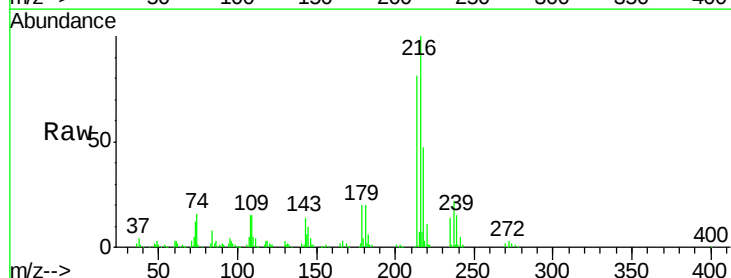
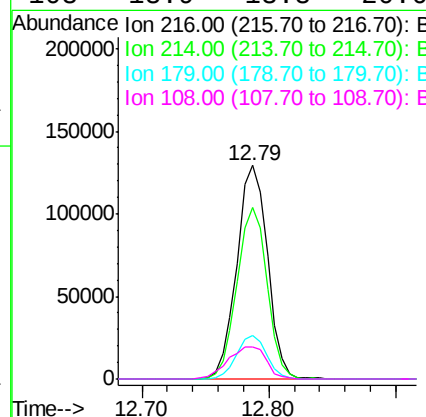
Manual Integrations
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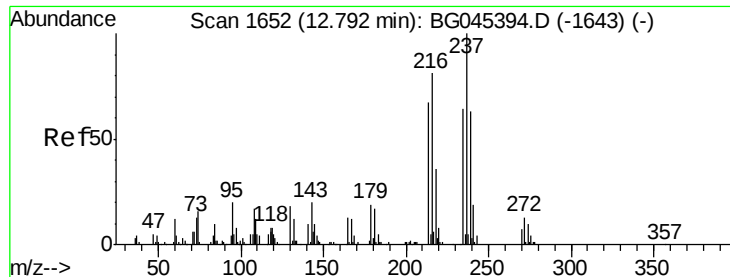
mohammad
6/10/2020 11:50:13 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.72 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	19.7	16.1	24.1
108	18.9	13.8	20.6





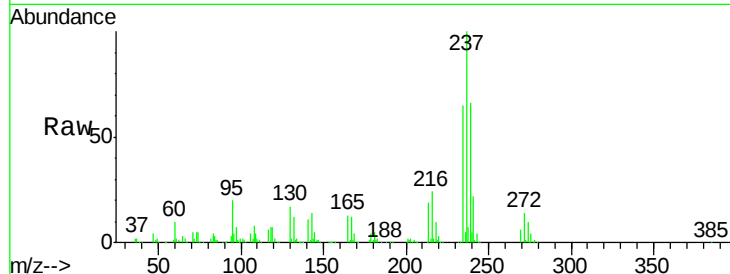
#41
Hexachlorocyclopentadiene
Concen: 83.50 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

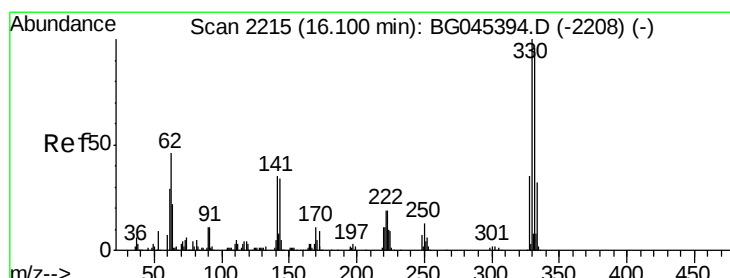
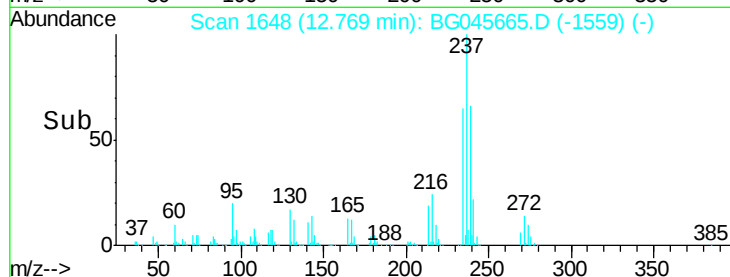
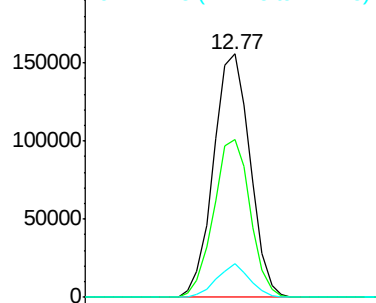
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	44.4	84.4
272	13.7	0.0	32.5

Manual Integrations
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mohammad
6/10/2020 11:50:13 AM

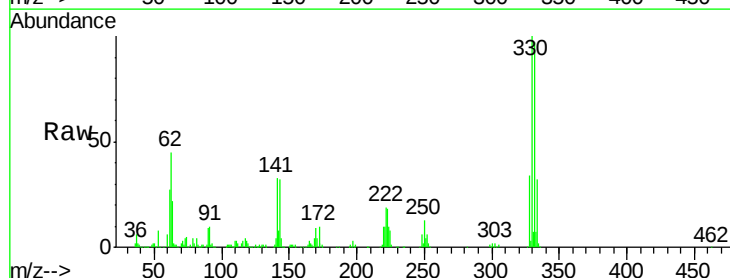


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

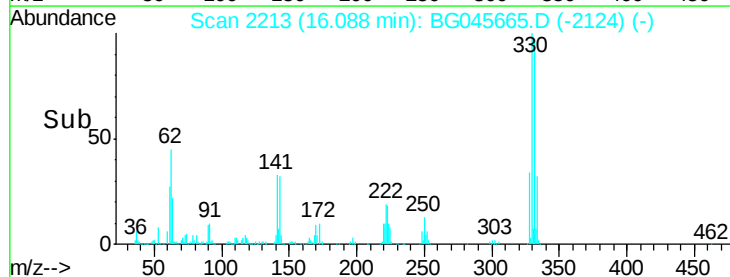
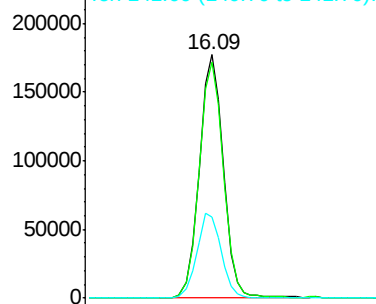


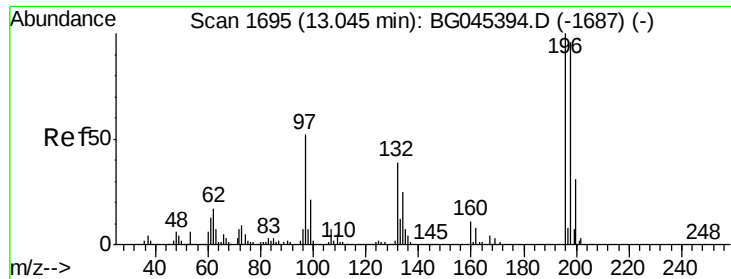
#42
2,4,6-Tribromophenol
Concen: 114.17 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.4	78.2	117.4
141	35.8	28.2	42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





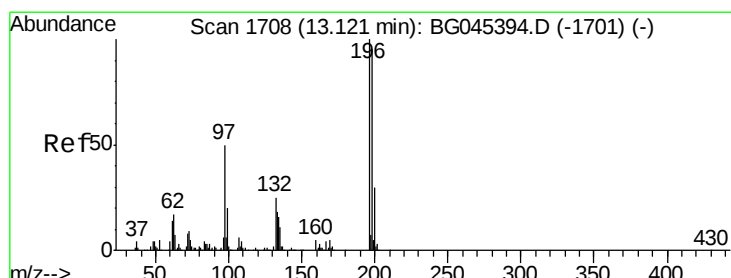
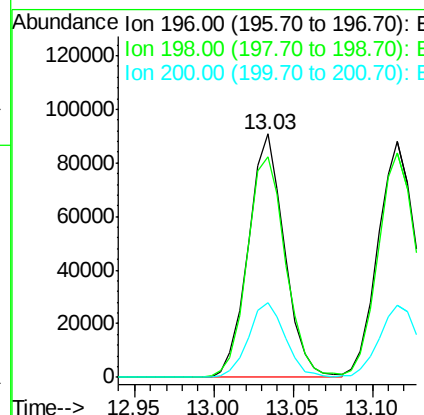
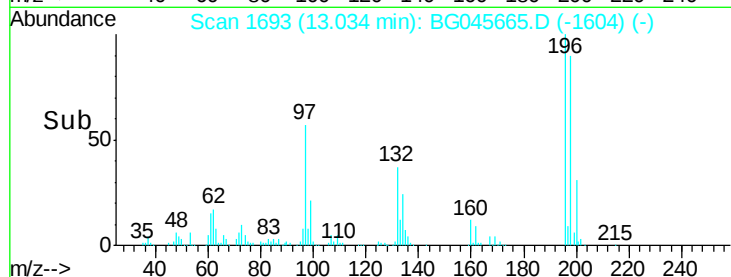
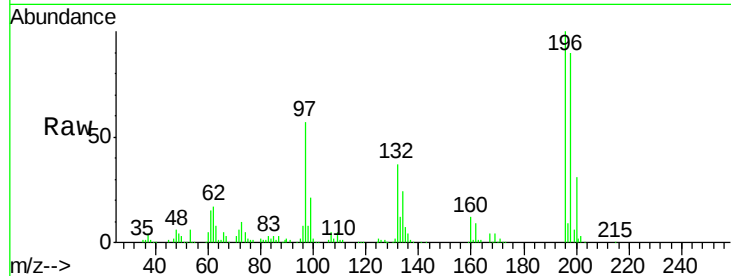
#43
 2,4,6-Trichlorophenol
 Concen: 39.96 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion:	196	Resp:	143856
Ion Ratio	Lower	Upper	
196	100		
198	90.4	76.7	115.1
200	30.7	24.9	37.3

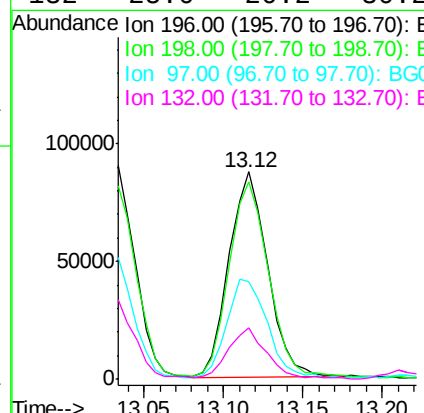
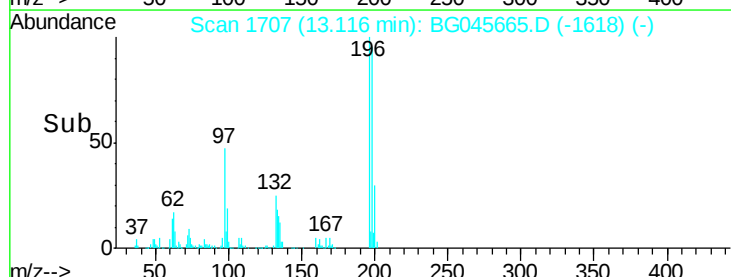
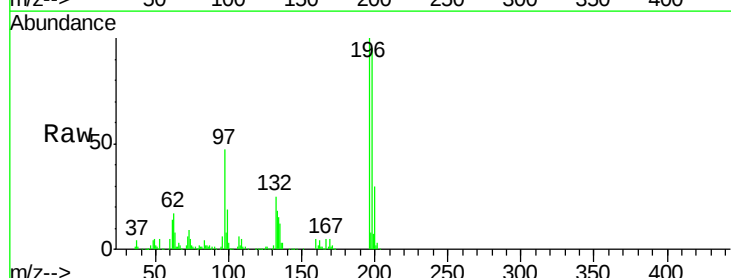
Manual Integrations
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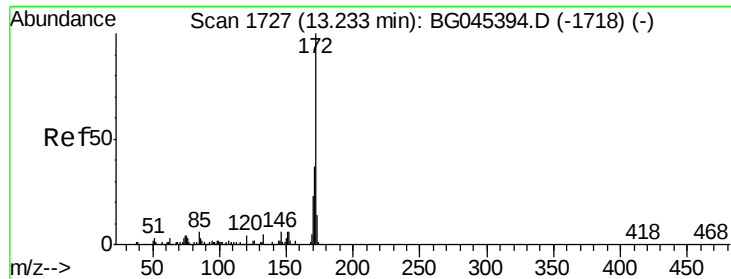
mohammad
 6/10/2020 11:50:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.10 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:	196	Resp:	148521
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.1	114.1
97	46.9	40.0	60.0
132	25.0	20.2	30.2





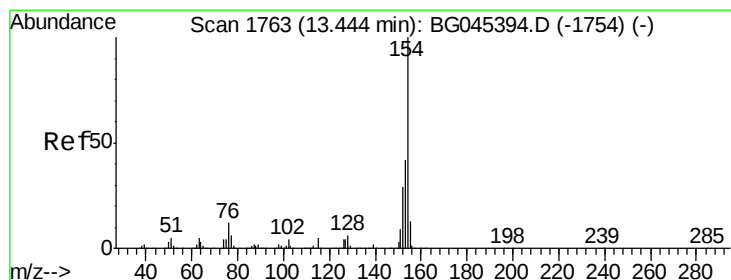
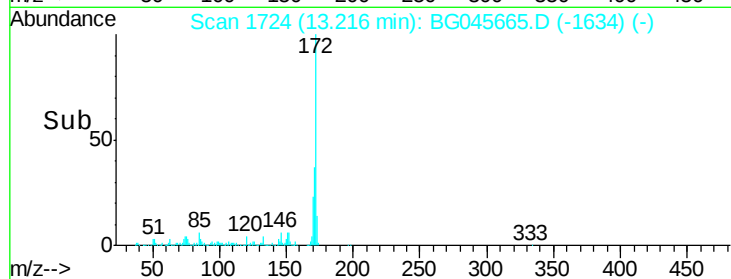
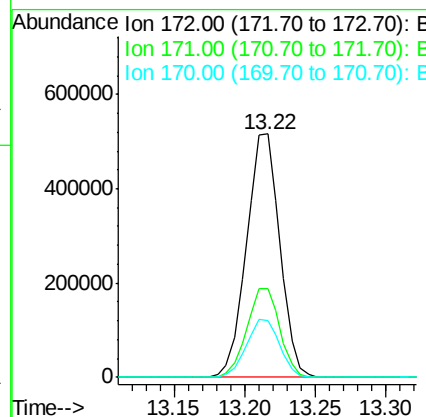
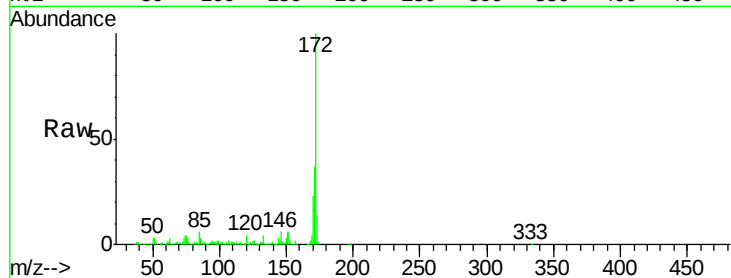
#45
2-Fluorobiphenyl
Concen: 78.07 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.4	18.5	27.7

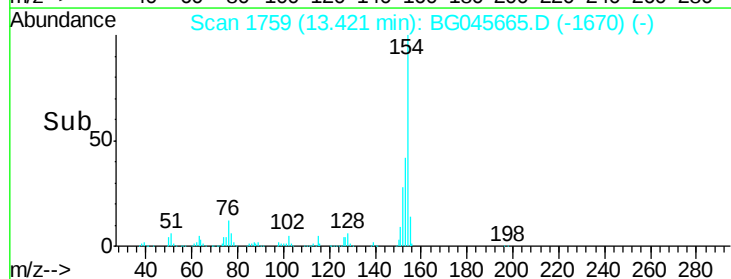
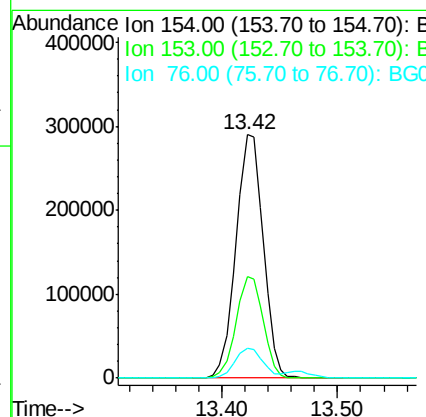
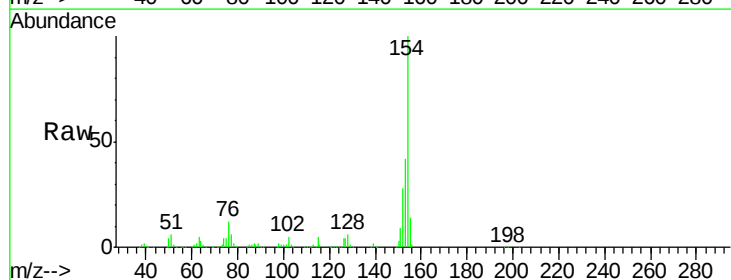
Manual Integrations
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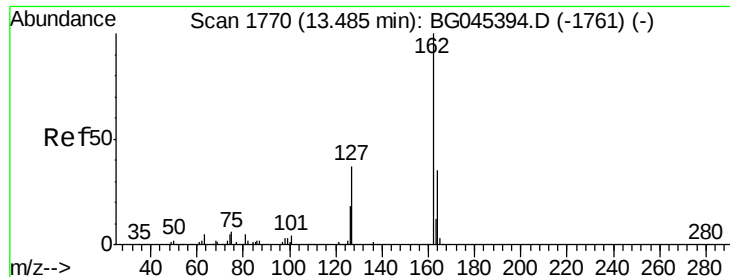
mohammad
6/10/2020 11:50:13 AM



#46
1,1'-Biphenyl
Concen: 41.75 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.2	62.2
76	12.2	0.0	32.4





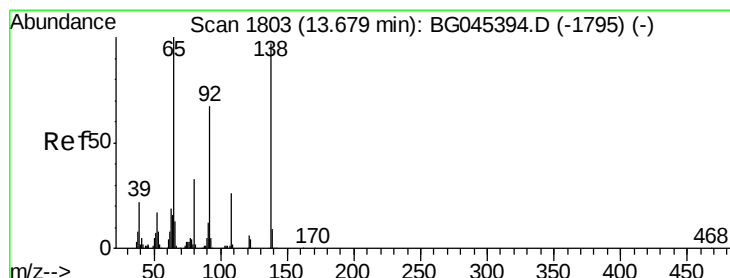
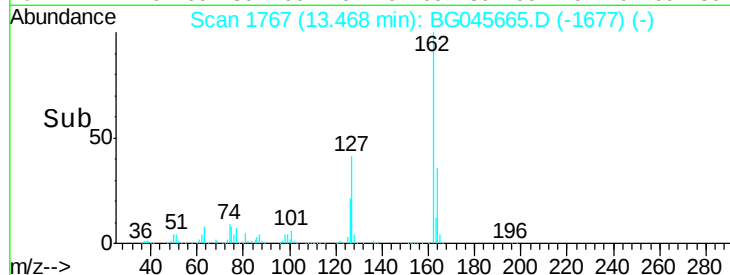
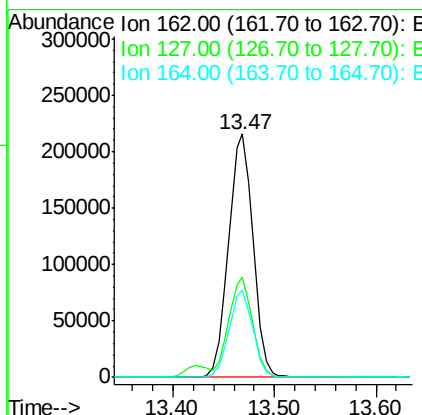
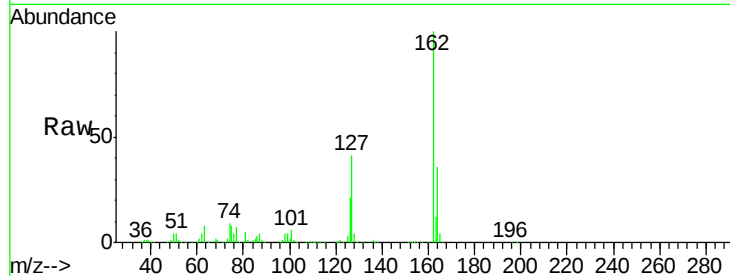
#47
2-Chloronaphthalene
Concen: 38.94 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	360470		
127	41.2	31.6	47.4	
164	35.8	28.1	42.1	

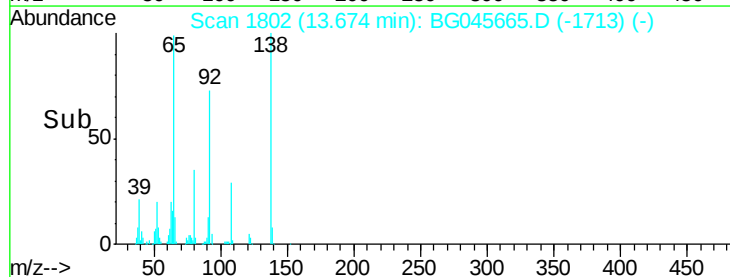
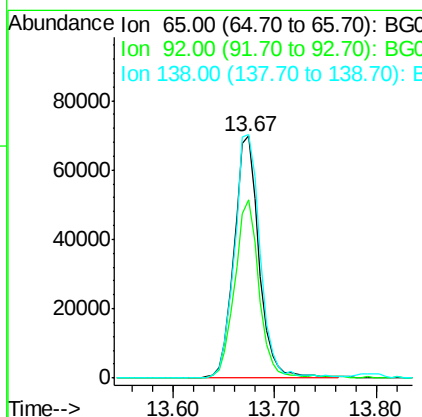
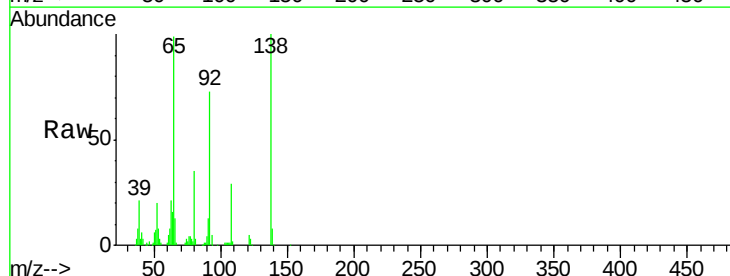
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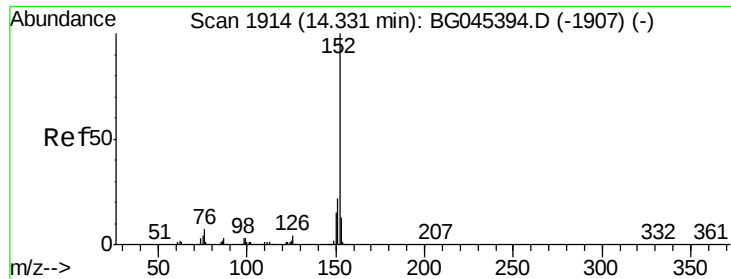
mohammad
6/10/2020 11:50:13 AM



#48
2-Nitroaniline
Concen: 39.14 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	119200		
92	73.4	53.8	80.8	
138	100.5	77.9	116.9	





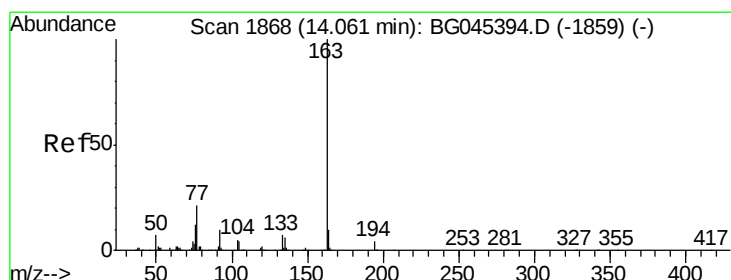
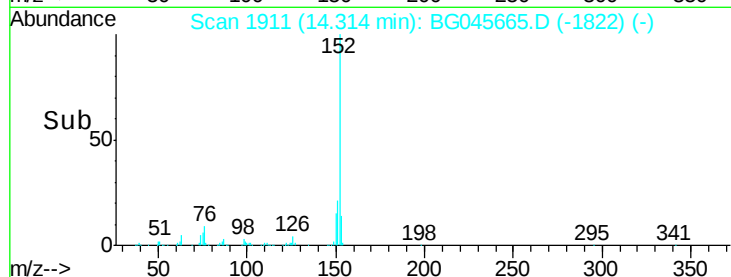
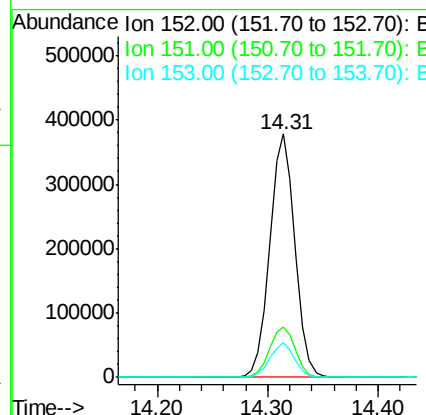
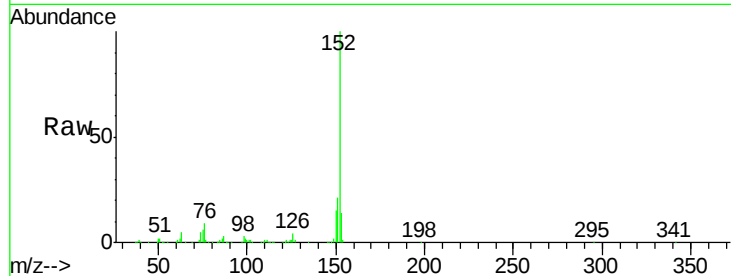
#49
Acenaphthylene
Concen: 40.49 ng
RT: 14.31 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	602071		
151	20.7		17.4	26.2
153	14.2		10.7	16.1

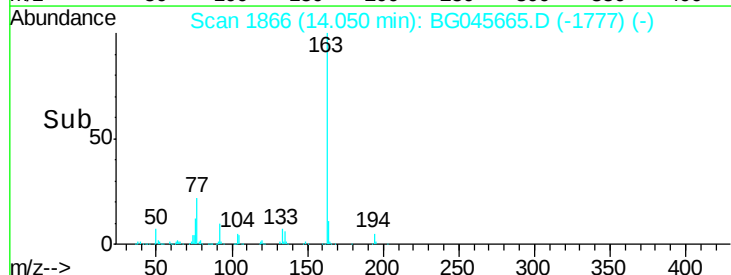
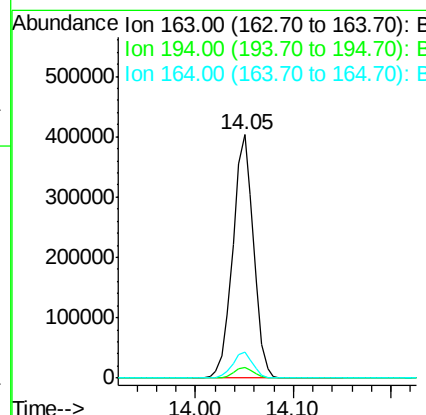
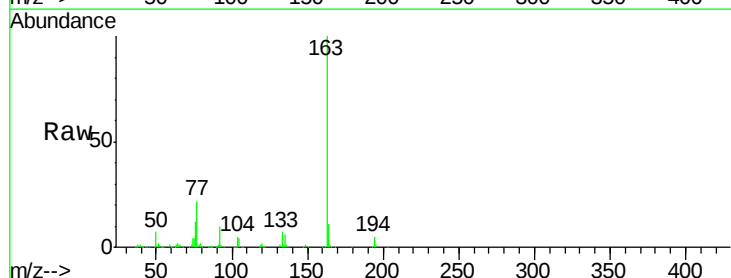
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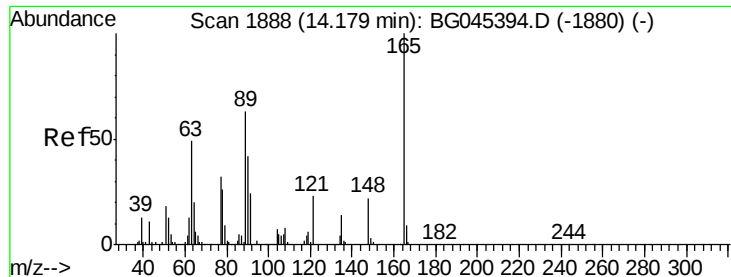
mohammad
6/10/2020 11:50:13 AM



#50
Dimethylphthalate
Concen: 46.46 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	591383		
194	4.6		3.2	4.8
164	10.9		8.3	12.5





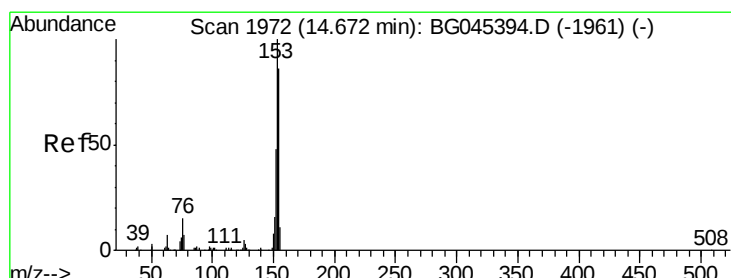
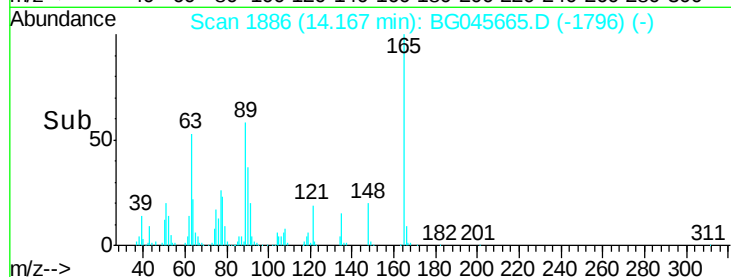
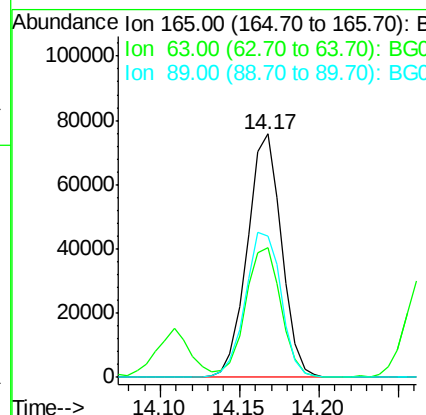
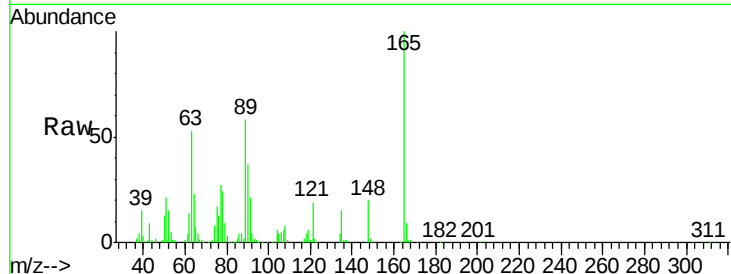
#51
2,6-Dinitrotoluene
Concen: 39.48 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	45.0	67.4
89	57.8	50.2	75.4

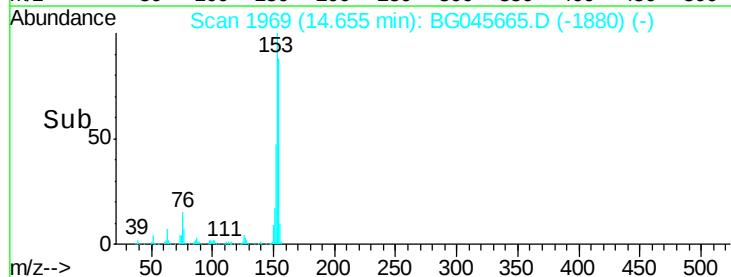
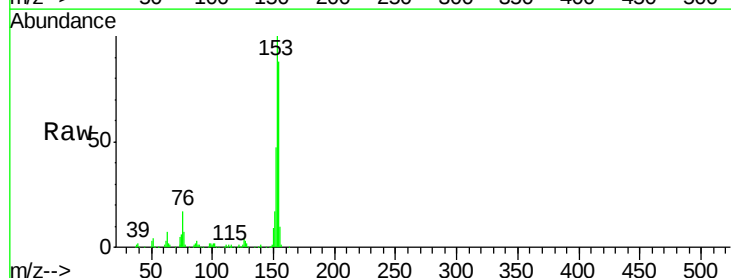
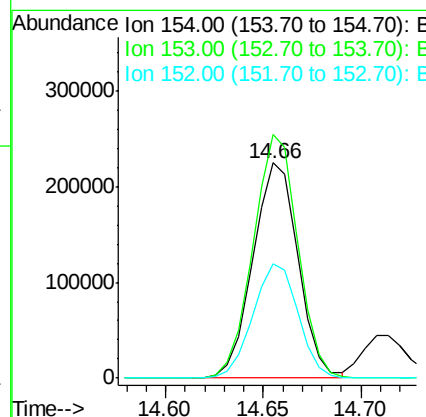
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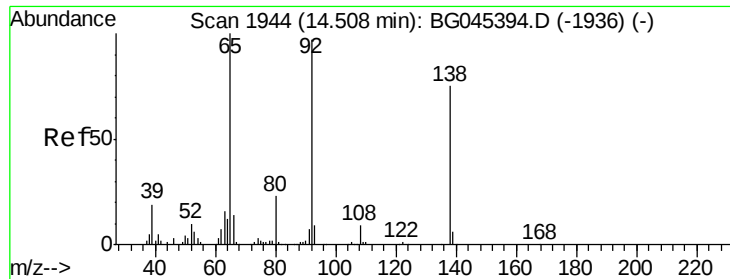
mohammad
6/10/2020 11:50:13 AM



#52
Acenaphthene
Concen: 36.11 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.8	139.2
152	53.3	44.6	66.8





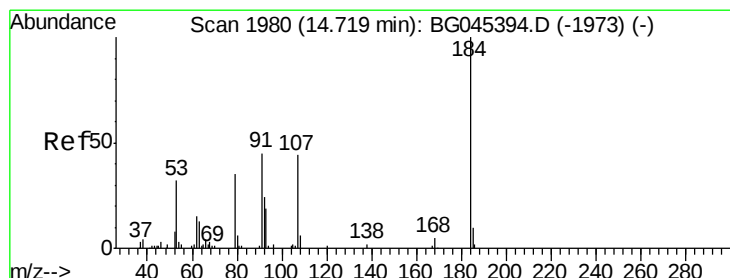
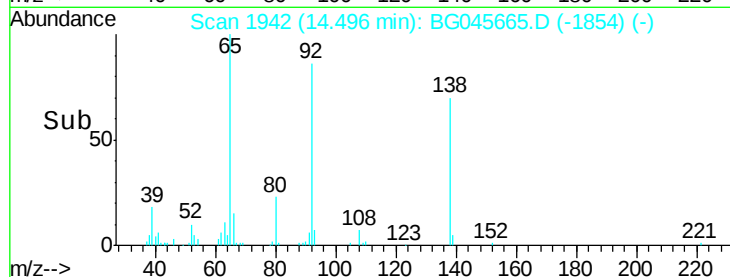
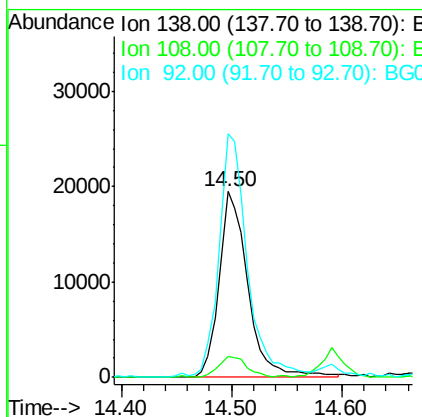
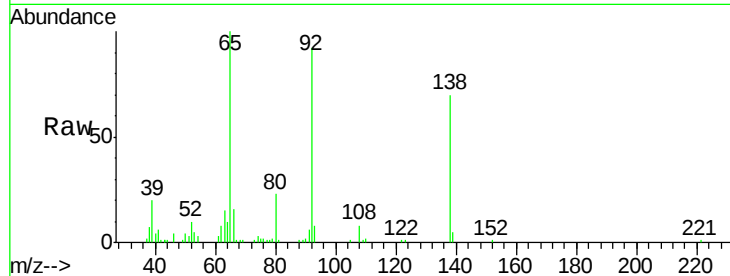
#53
3-Nitroaniline
Concen: 12.17 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.8	14.6
92	131.3	103.0	154.4

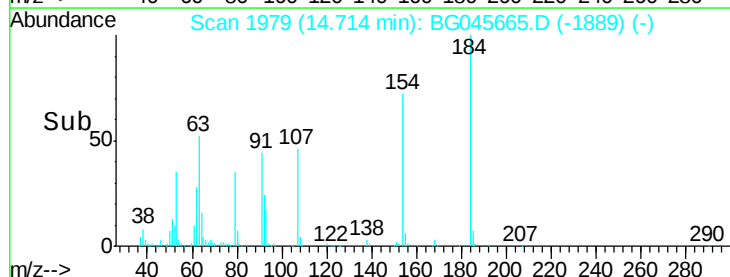
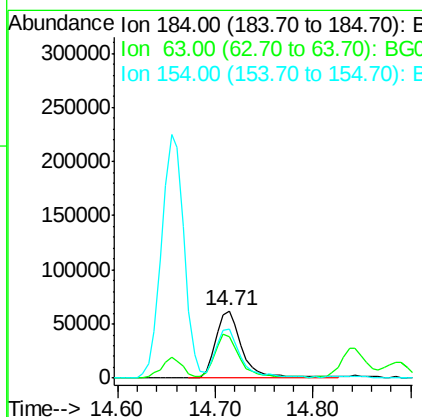
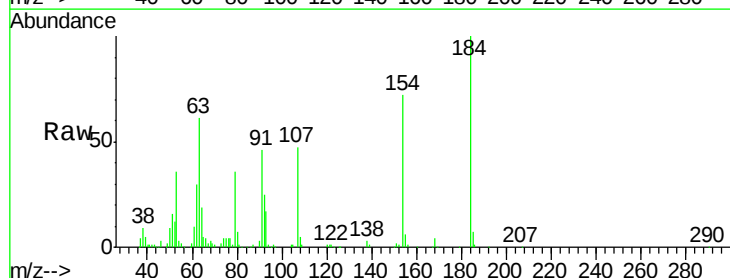
Manual Integrations
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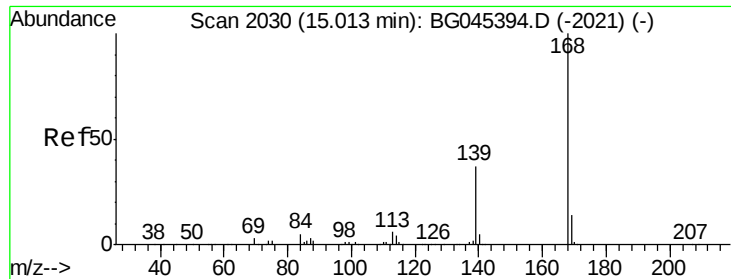
mohammad
6/10/2020 11:50:13 AM



#54
2,4-Dinitrophenol
Concen: 63.75 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	47.8	71.6
154	72.4	58.3	87.5





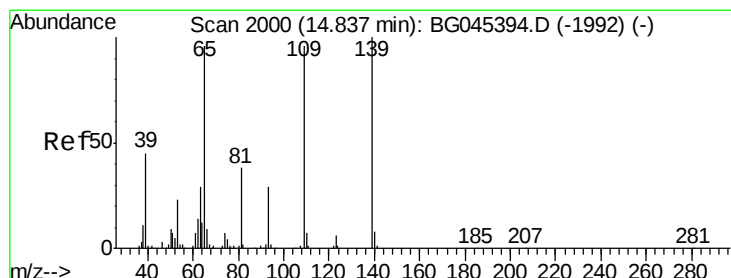
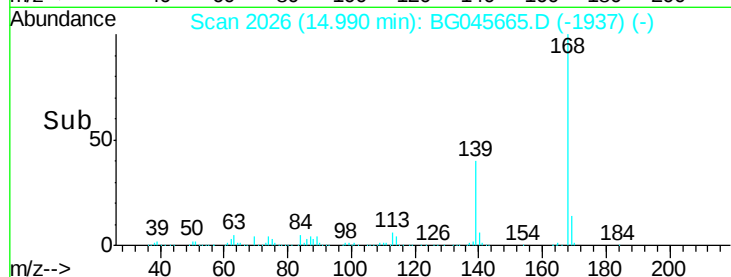
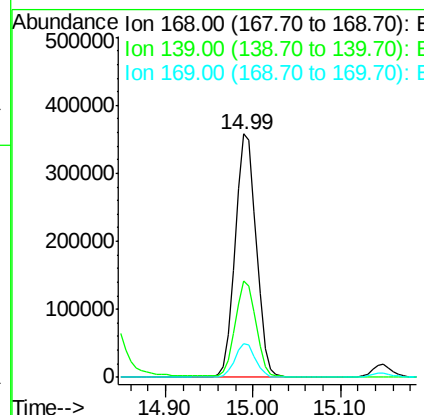
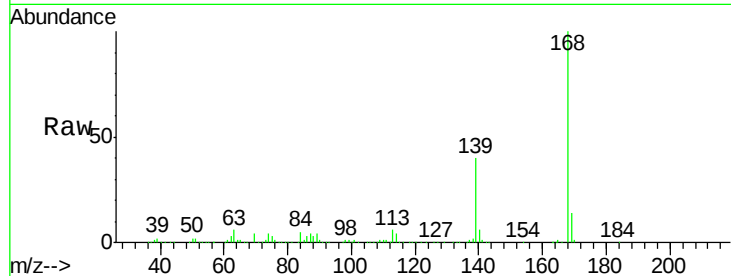
#55
Dibenzofuran
Concen: 39.50 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	583937		
139	39.6	29.9	44.9	
169	13.7	10.9	16.3	

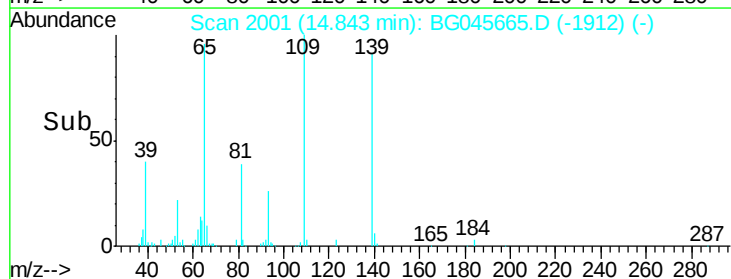
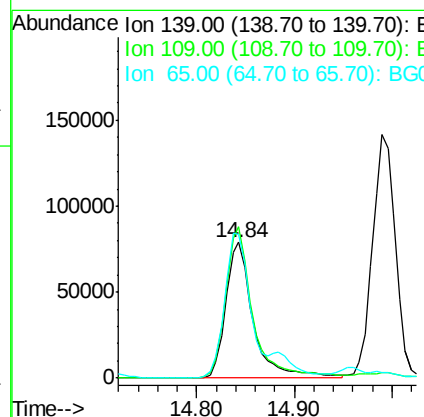
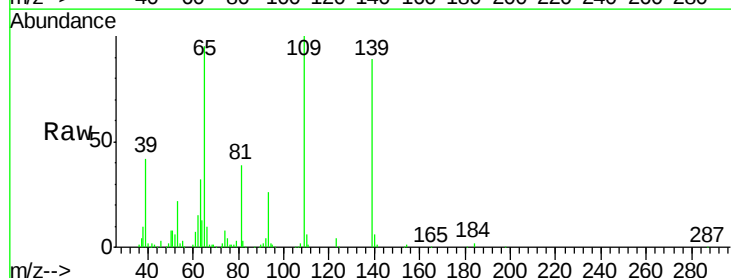
Manual Integrations
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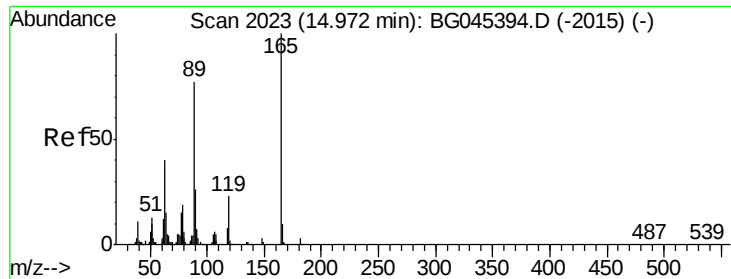
mohammad
6/10/2020 11:50:13 AM



#56
4-Nitrophenol
Concen: 69.83 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	154362		
109	111.9	75.6	115.6	
65	105.9	76.8	116.8	





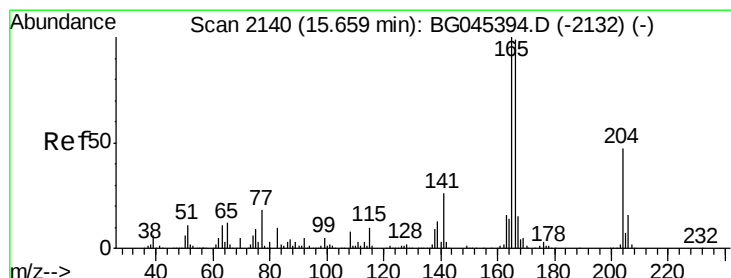
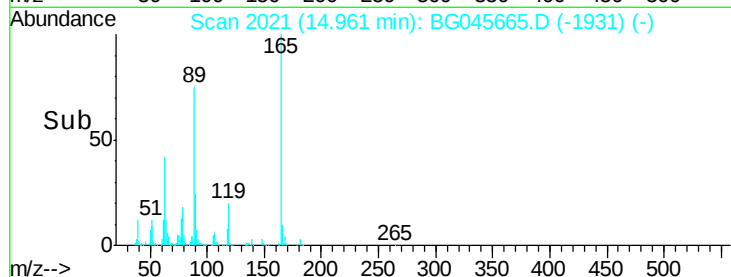
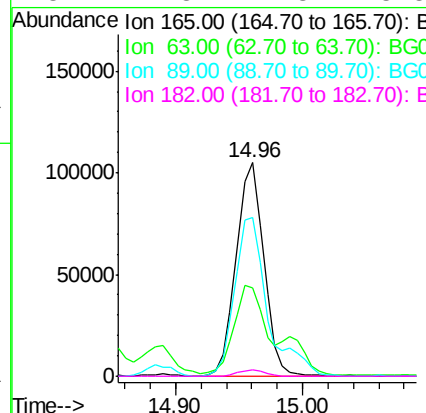
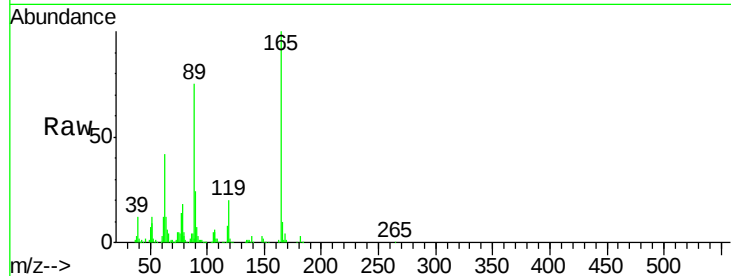
#57
2,4-Dinitrotoluene
Concen: 38.19 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158856		
63	41.6	32.5	48.7	
89	74.6	61.8	92.6	
182	2.8	2.3	3.5	

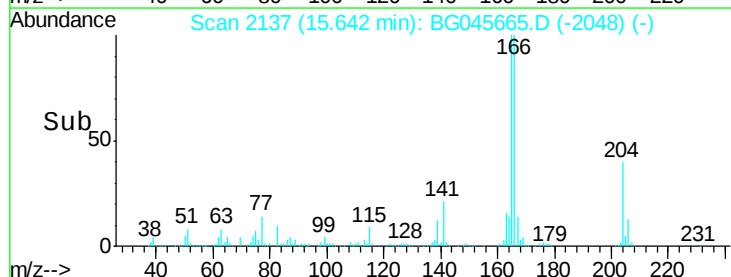
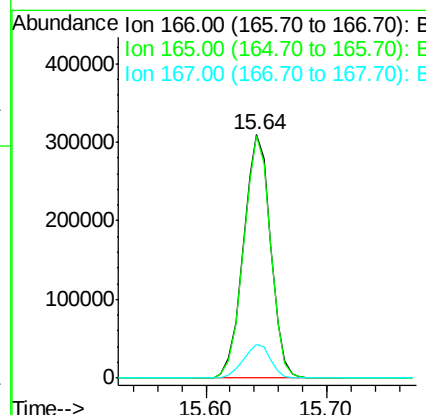
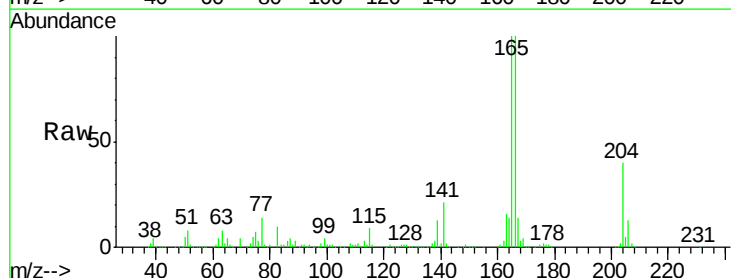
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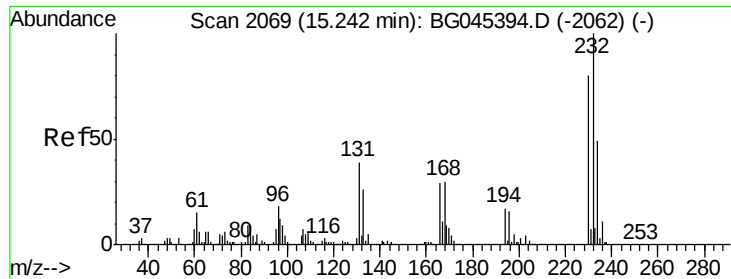
mohammad
6/10/2020 11:50:13 AM



#58
Fluorene
Concen: 39.95 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	485164		
165	99.8	80.8	121.2	
167	13.7	12.0	18.0	





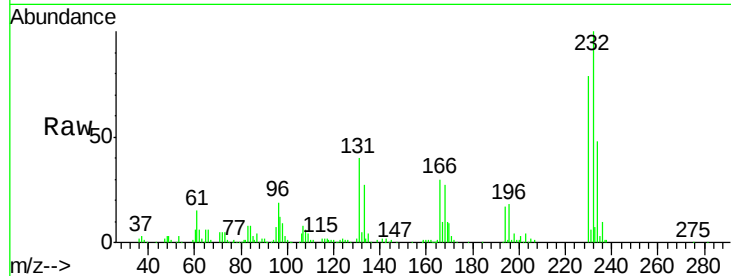
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.33 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

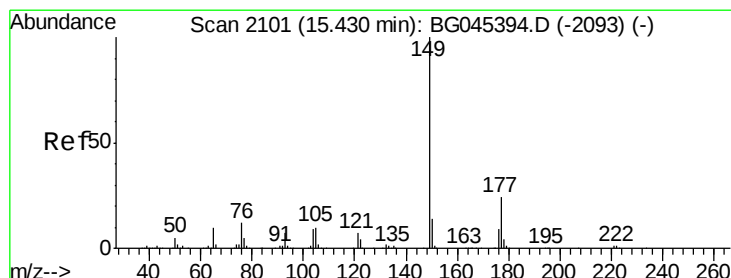
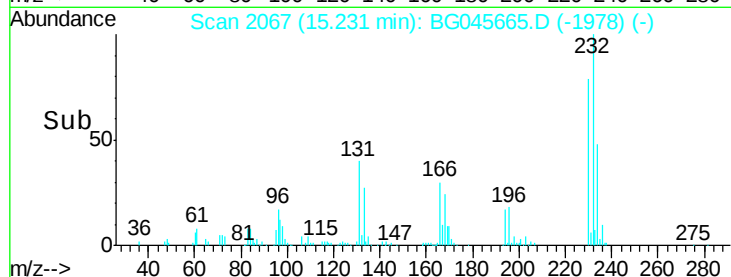
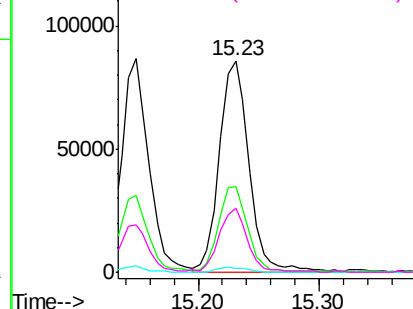
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	145983		
131	38.7		33.7	50.5
130	2.4		2.1	3.1
166	28.2		23.2	34.8

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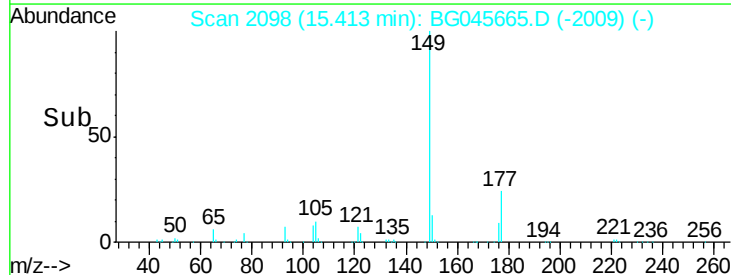
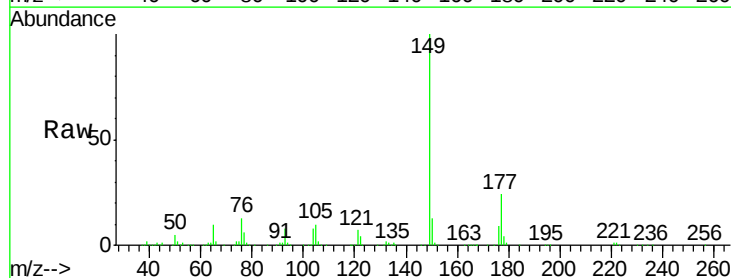
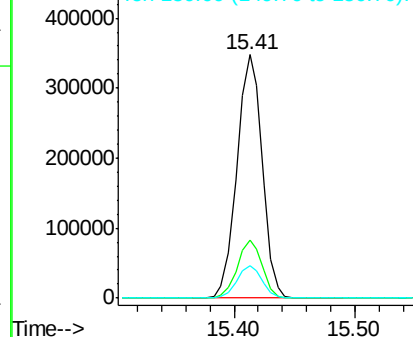
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

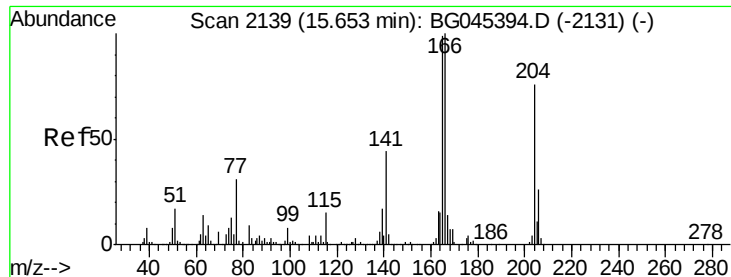


#60
 Diethylphthalate
 Concen: 38.19 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	505987		
177	23.7		19.0	28.4
150	13.1		11.4	17.0

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





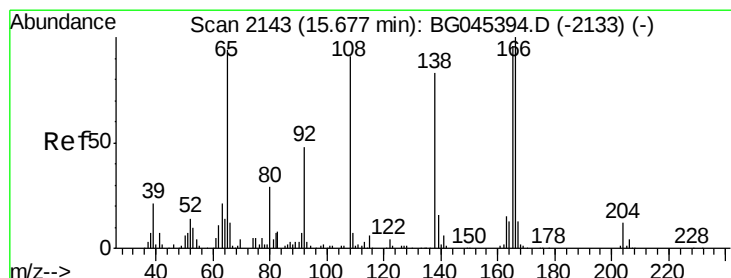
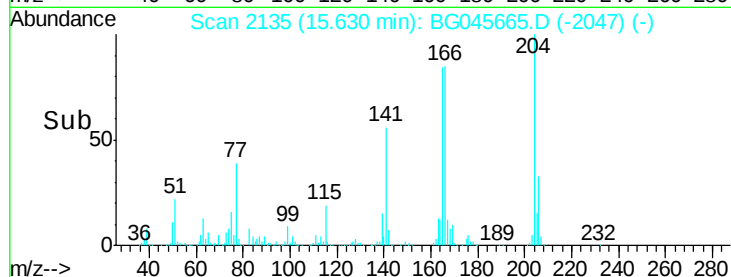
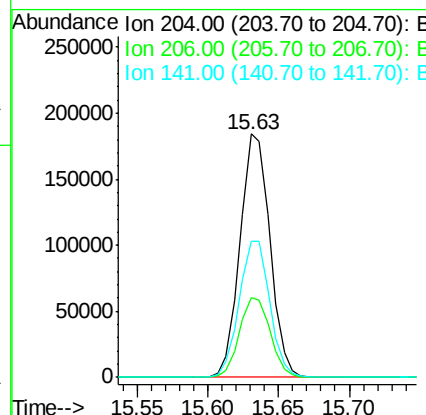
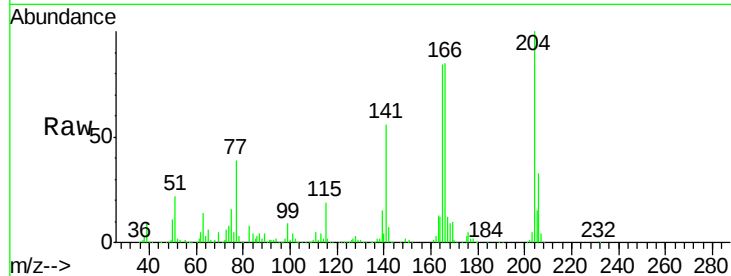
#61
4-Chlorophenyl-phenylether
Concen: 39.16 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	27.3	40.9
141	55.9	45.9	68.9

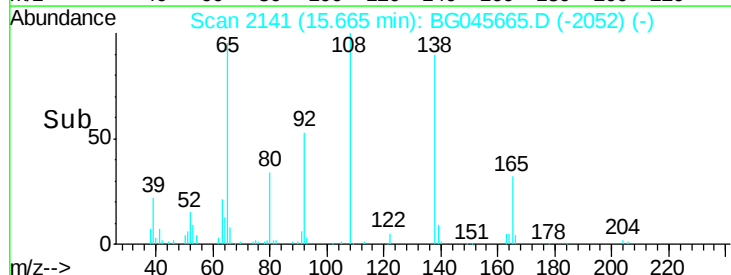
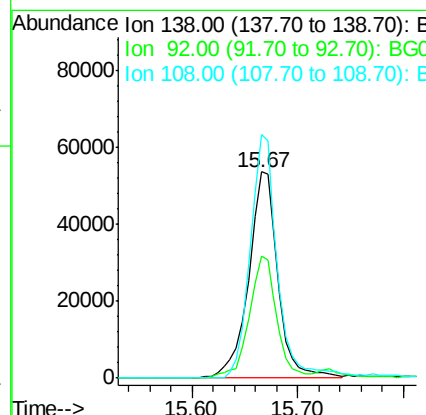
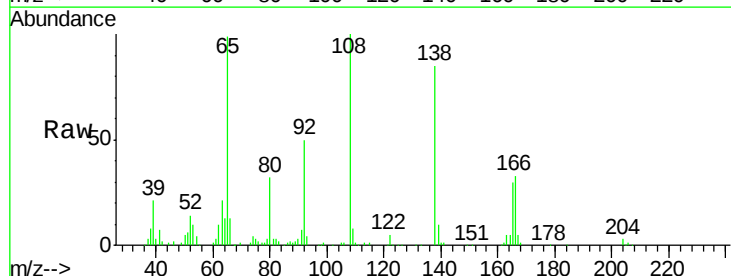
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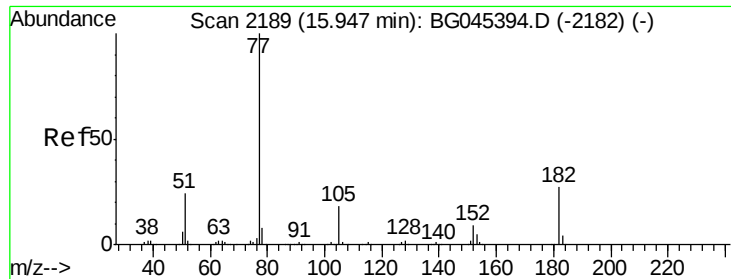
mohammad
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#62
4-Nitroaniline
Concen: 34.08 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	59.0	38.0	78.0
108	118.0	89.3	129.3





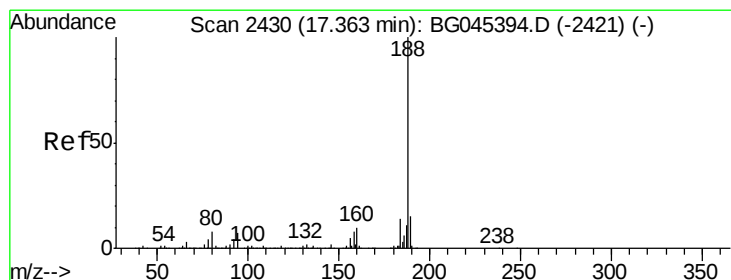
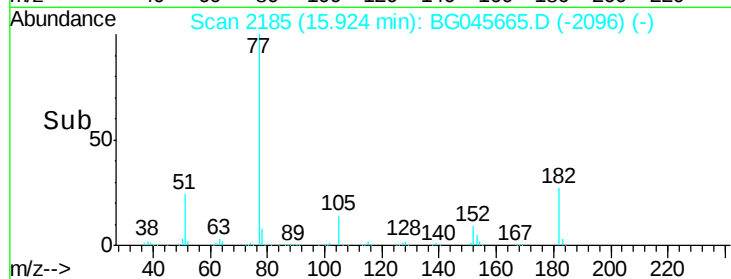
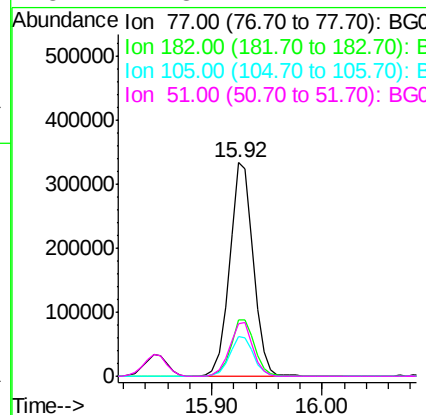
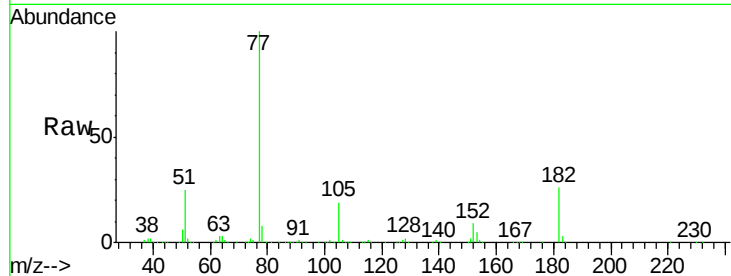
#63
Azobenzene
Concen: 40.14 ng
RT: 15.92 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	6.5	46.5	
105	18.8	0.0	37.9	
51	24.8	4.1	44.1	

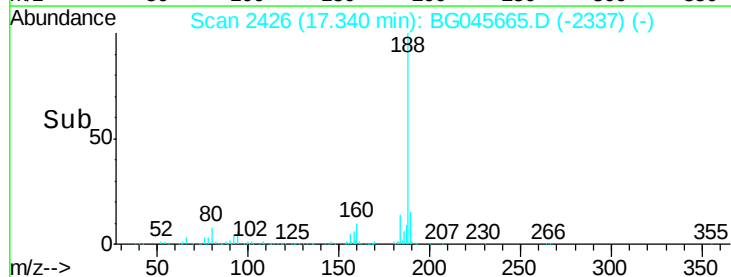
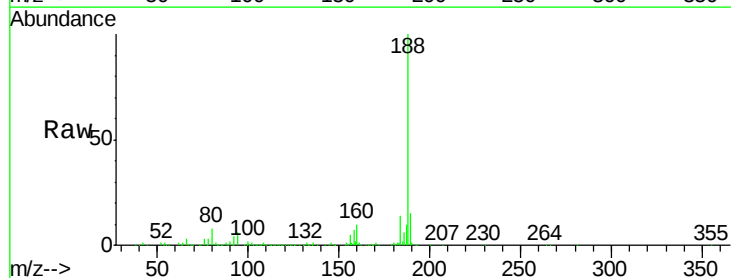
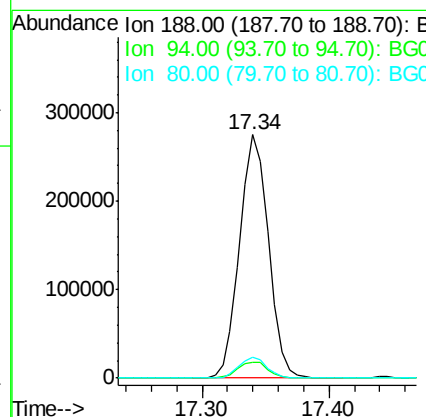
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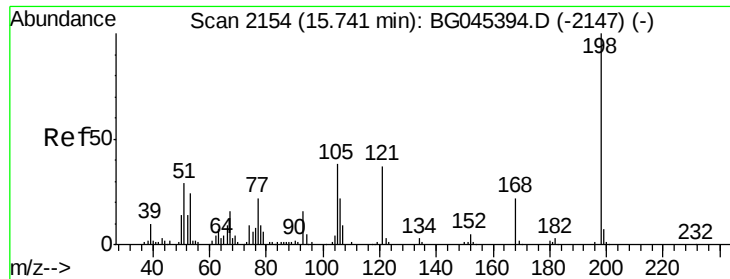
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	5.5	8.3	
80	8.3	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.80 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

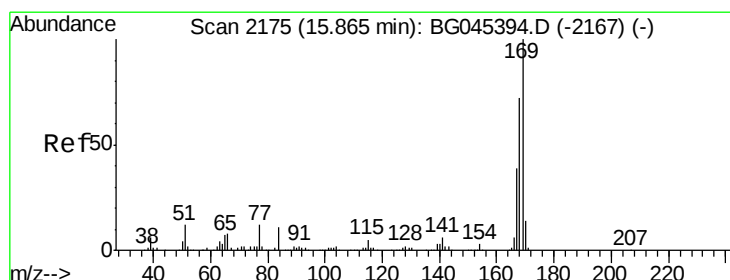
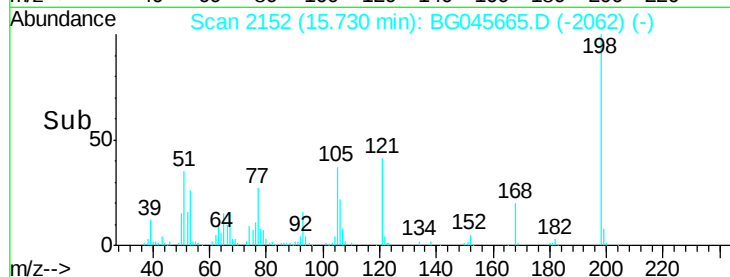
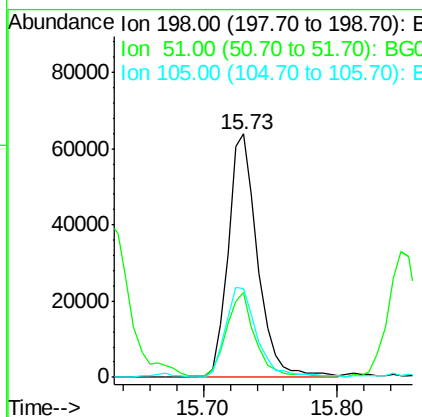
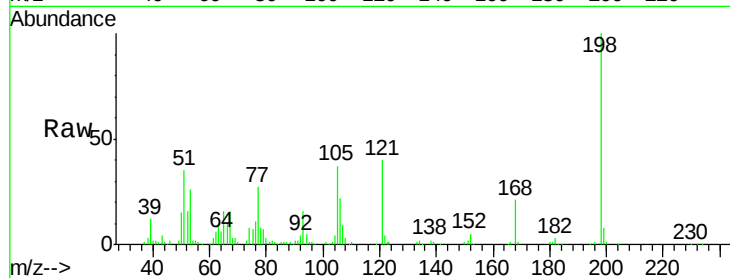
ClientSampleId :

SPMSD

Tgt Ion:	198	Resp:	98124
Ion Ratio	Lower	Upper	
198	100		
51	35.1	10.0	50.0
105	36.6	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 41.14 ng

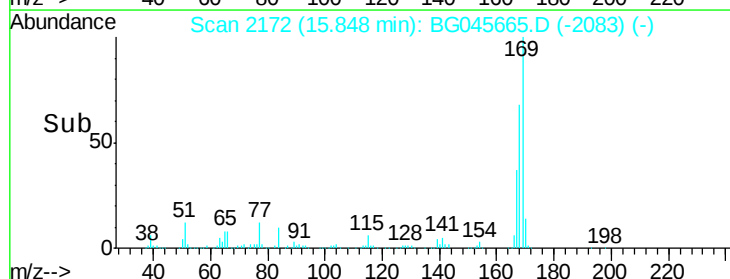
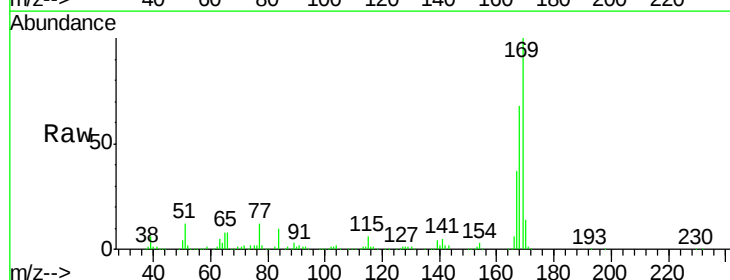
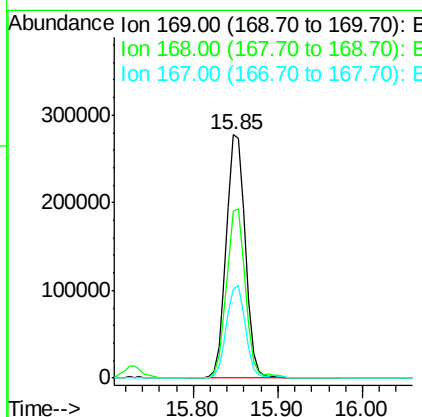
RT: 15.85 min Scan# 2172

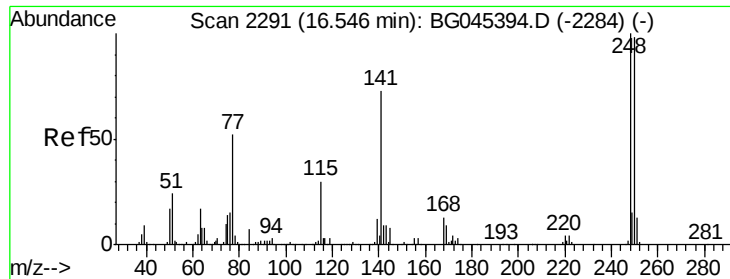
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:	169	Resp:	428991
Ion Ratio	Lower	Upper	
169	100		
168	68.4	57.8	86.6
167	36.7	31.5	47.3





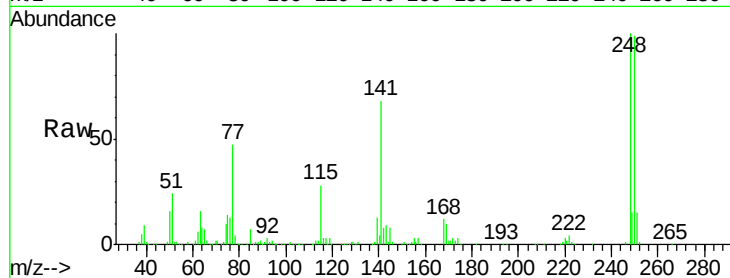
#67
4-Bromophenyl-phenylether
Concen: 39.95 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

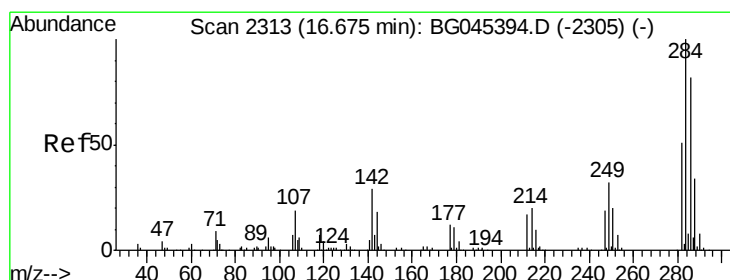
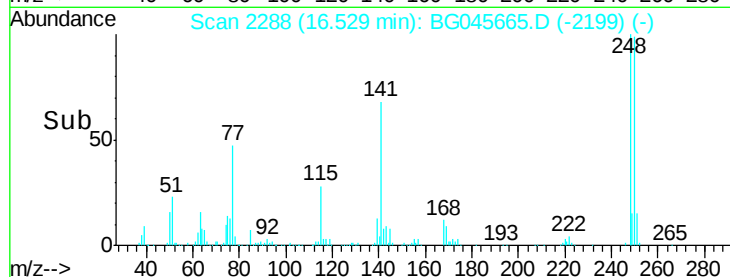
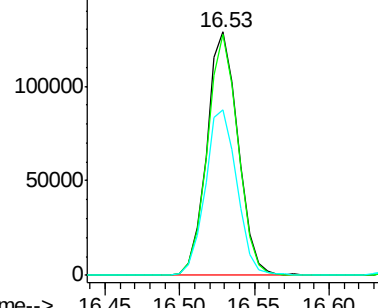
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.6	117.8
141	68.1	58.2	87.2

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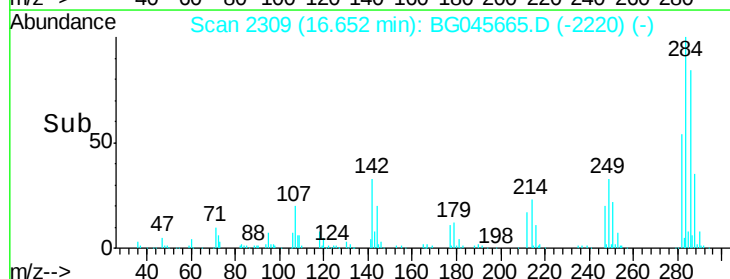
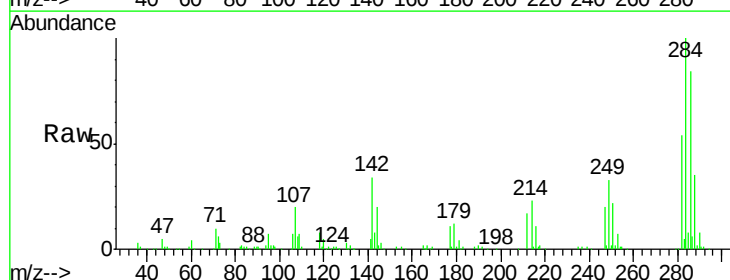
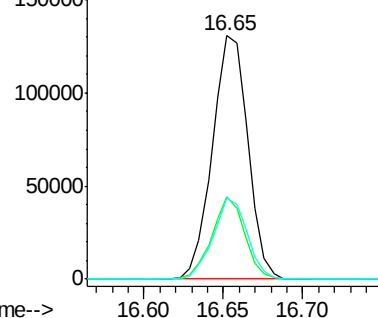
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

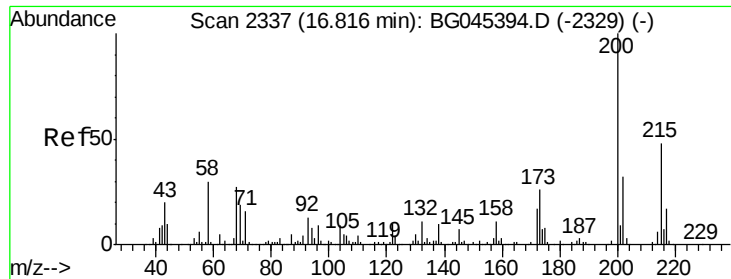


#68
Hexachlorobenzene
Concen: 41.23 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	23.0	34.6
249	33.4	25.8	38.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





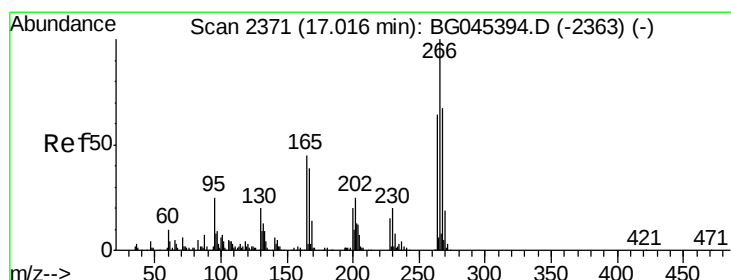
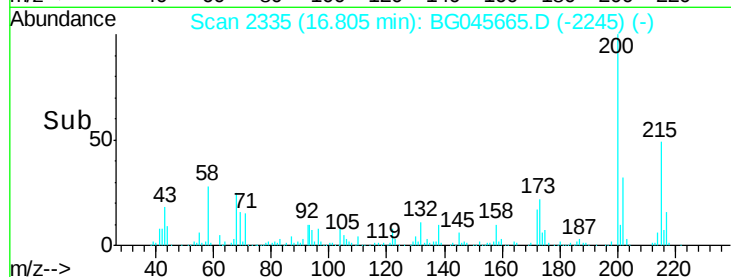
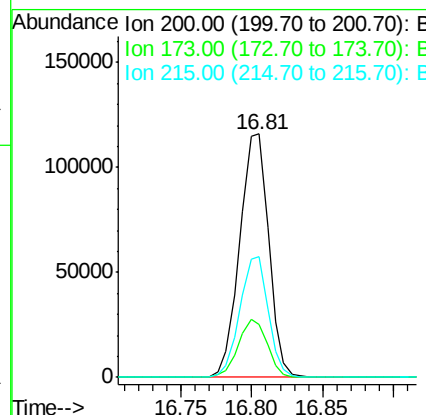
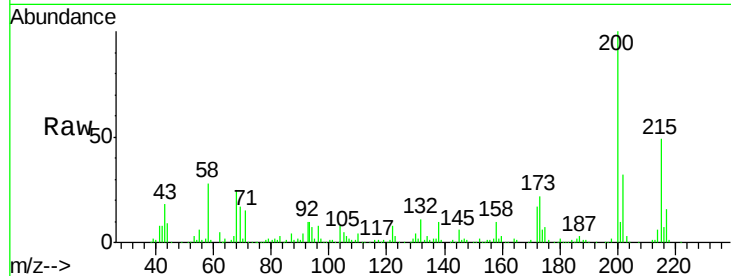
#69
Atrazine
Concen: 38.81 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.9	5.5	45.5
215	49.5	28.2	68.2

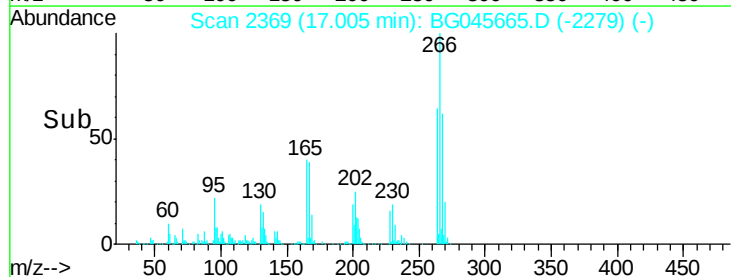
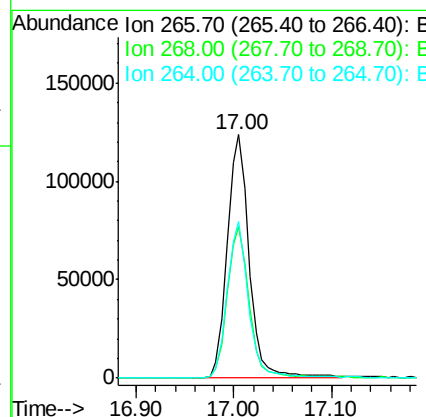
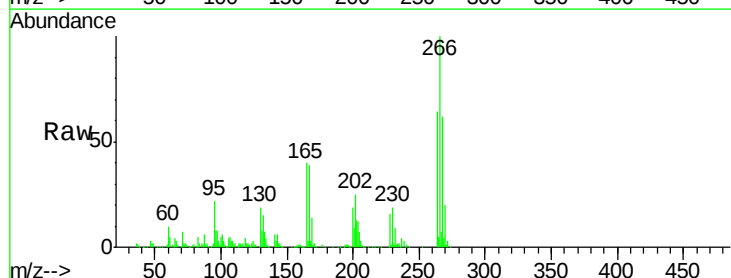
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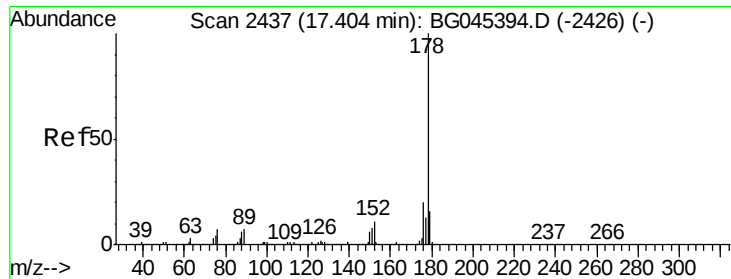
mohammad
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#70
Pentachlorophenol
Concen: 75.92 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.1	53.2	79.8
264	64.5	51.0	76.4





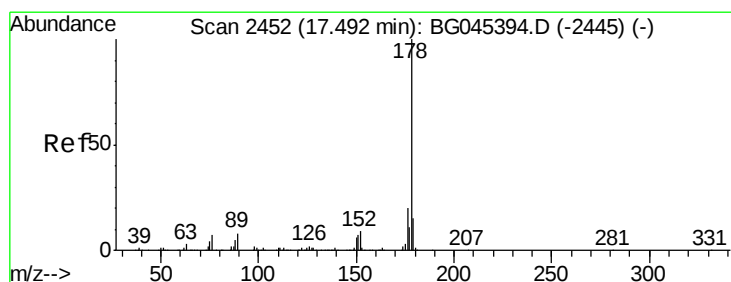
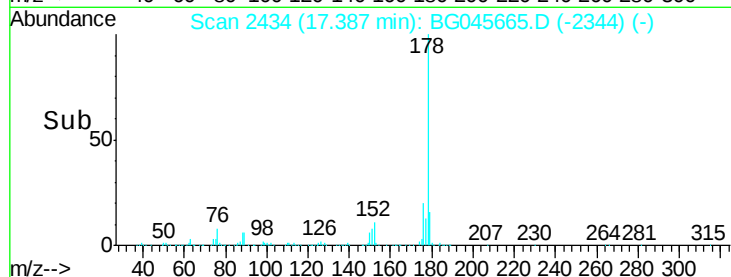
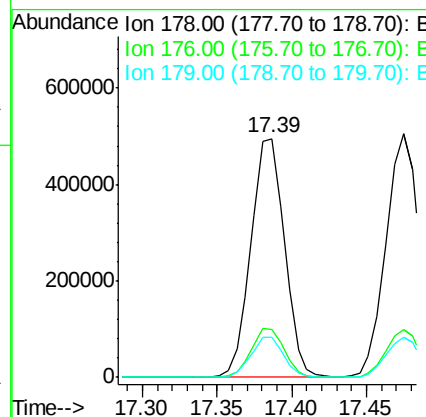
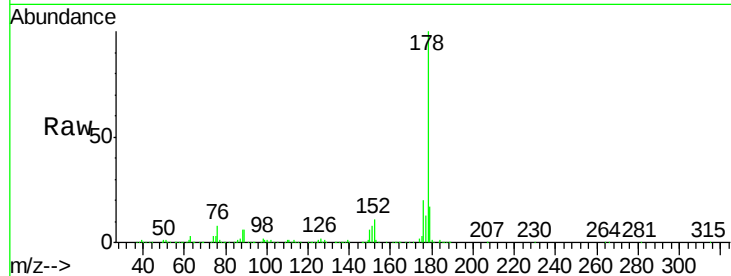
#71
Phenanthrene
Concen: 40.64 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.6	13.1	19.7

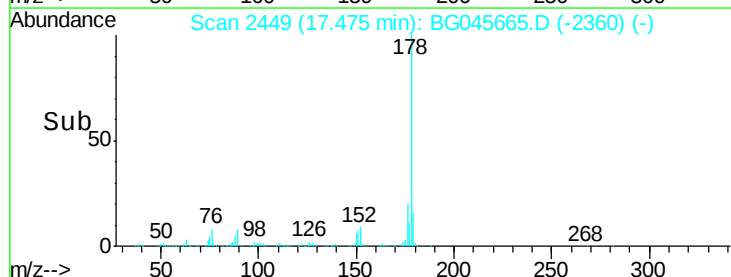
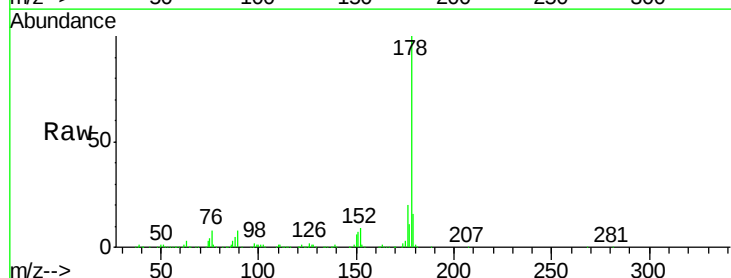
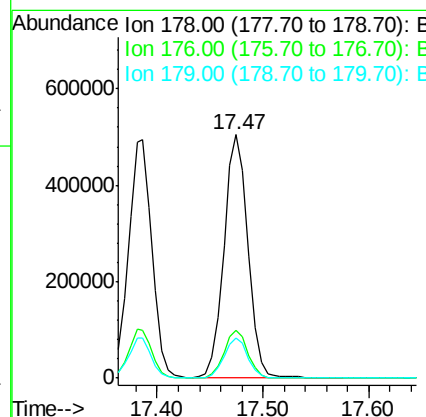
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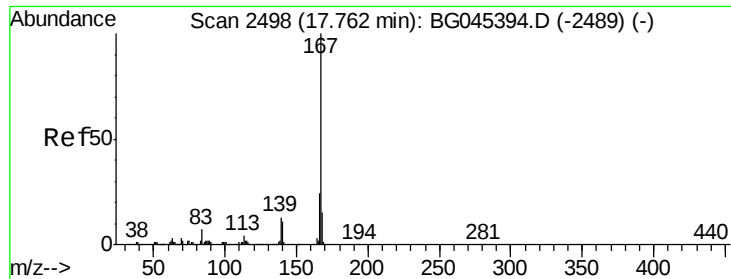
mohammad
6/10/2020 11:50:13 AM



#72
Anthracene
Concen: 41.48 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.3	12.2	18.4





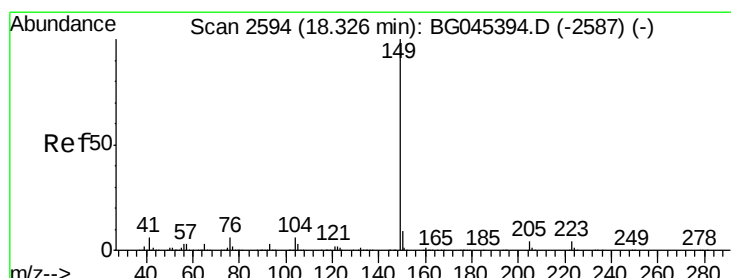
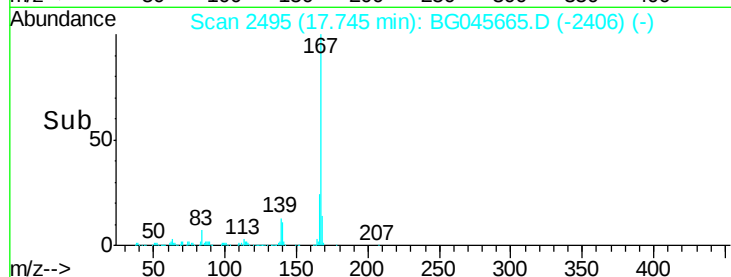
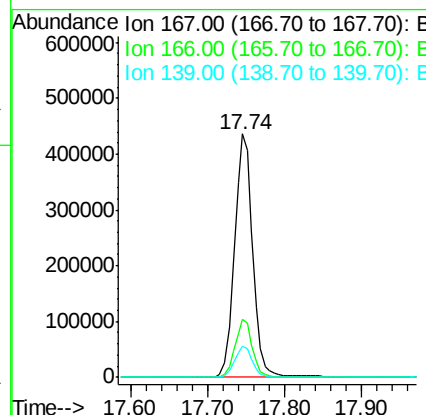
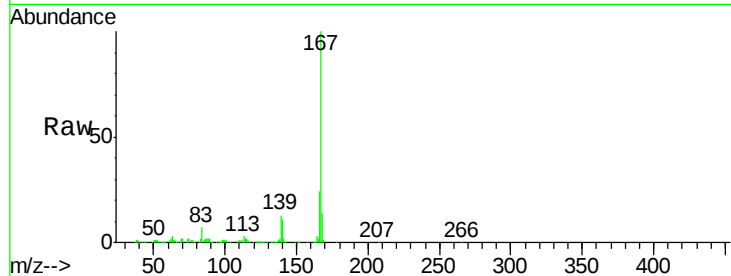
#73
 Carbazole
 Concen: 38.70 ng
 RT: 17.74 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	12.9	10.6	16.0

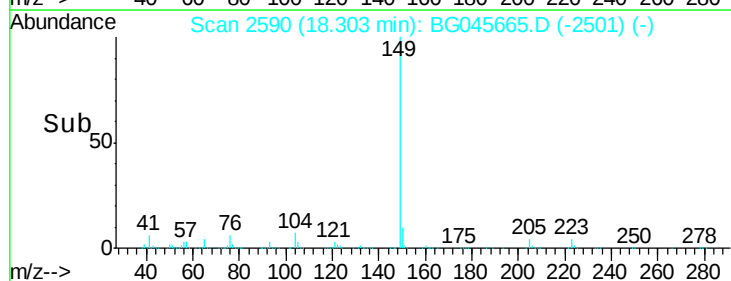
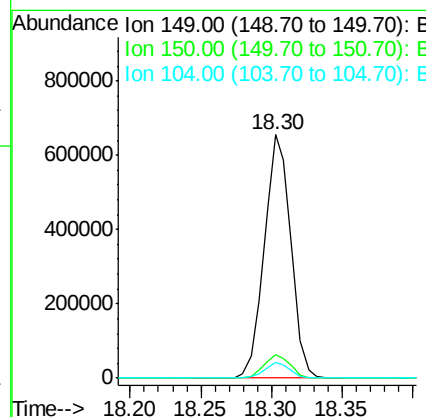
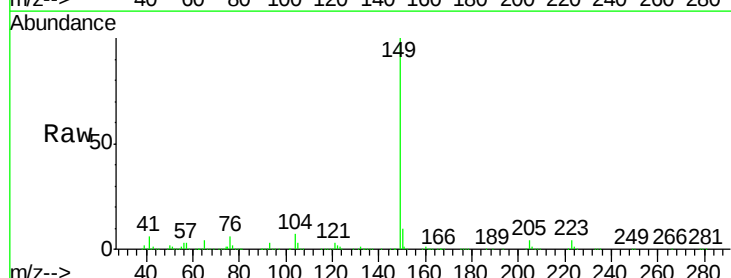
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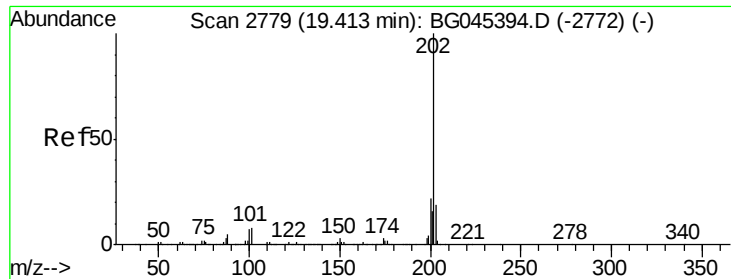
mohammad
 6/10/2020 11:50:13 AM



#74
 Di-n-butylphthalate
 Concen: 38.73 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 39.75 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

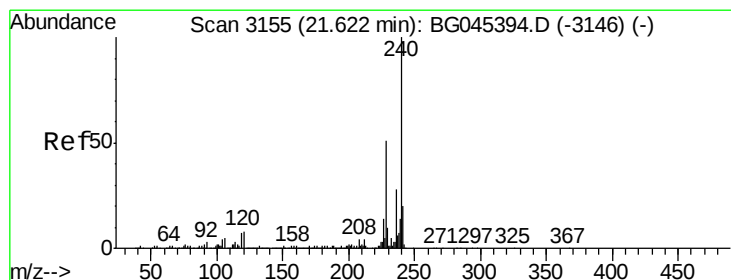
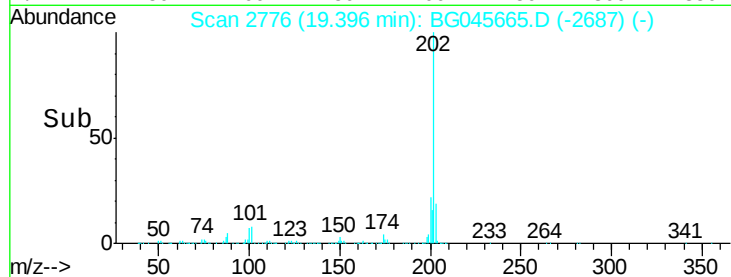
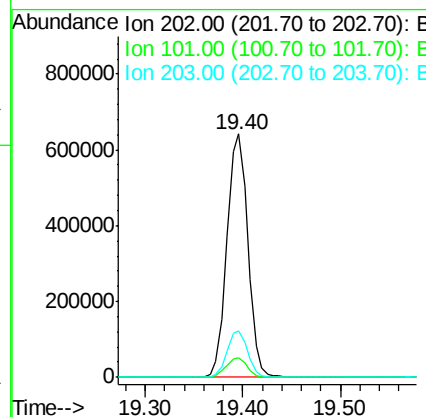
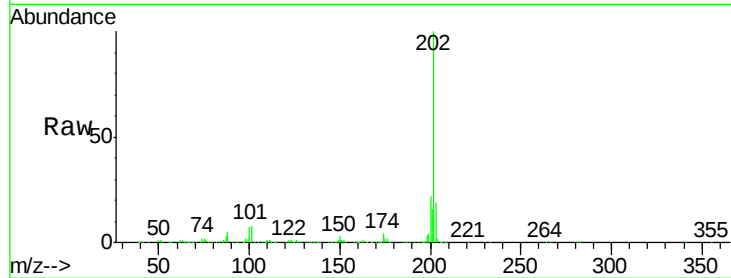
ClientSampleId :

SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	958604		
101	7.9	0.0	28.3	
203	19.2	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.00 ng

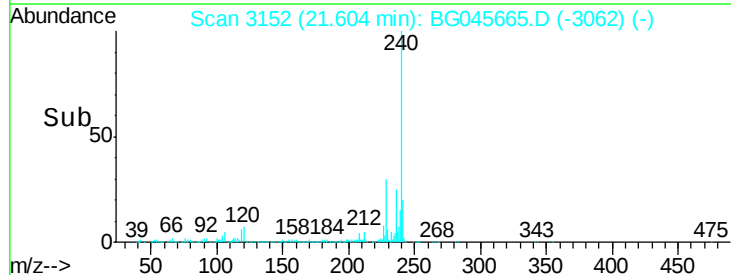
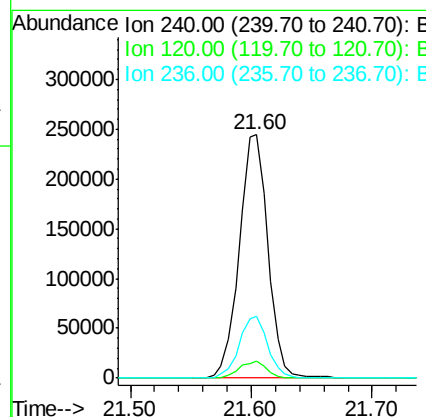
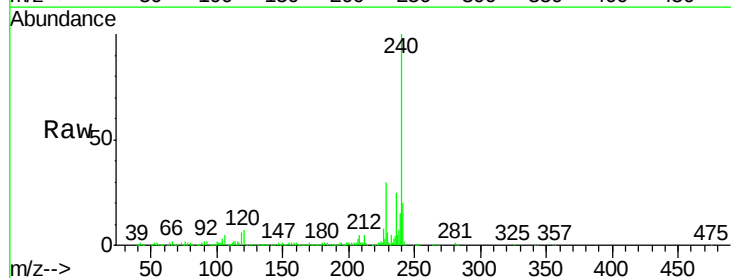
RT: 21.60 min Scan# 3152

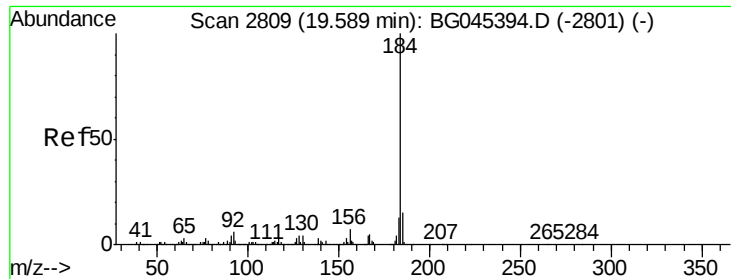
Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	404864		
120	6.9	6.1	9.1	
236	25.2	22.3	33.5	





#77

Benzidine

Concen: 19.73 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

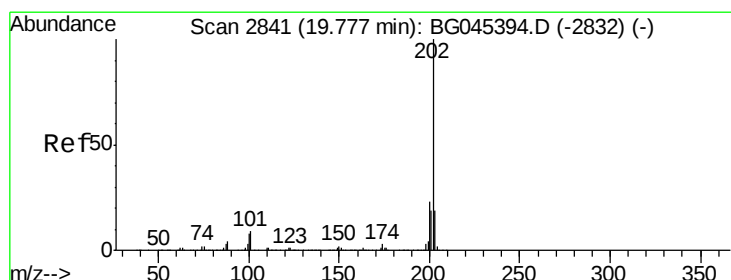
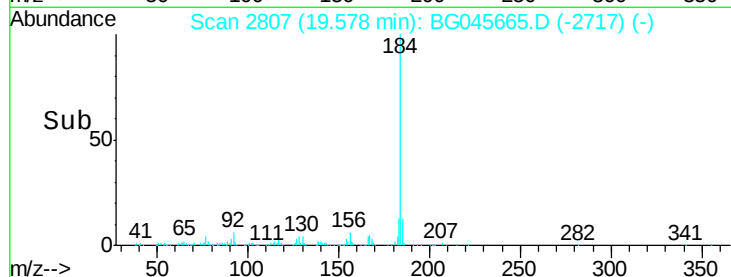
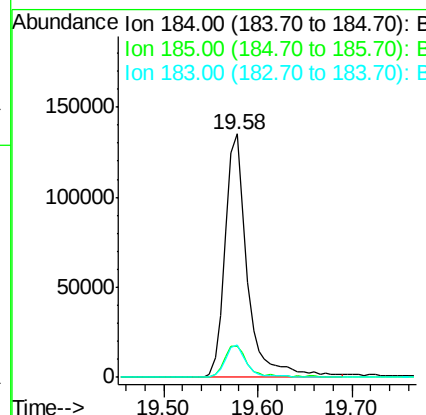
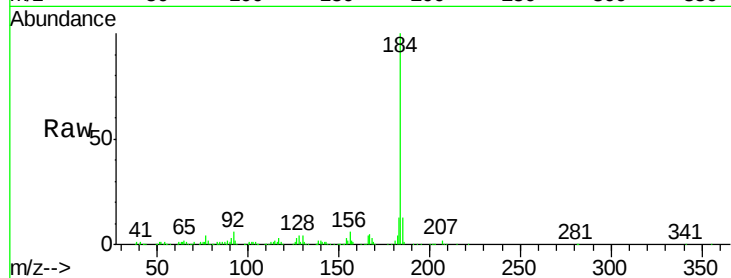
ClientSampleId :

SPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	224300		
185	13.0		11.7	17.5
183	13.5		10.2	15.4

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#78

Pyrene

Concen: 41.16 ng

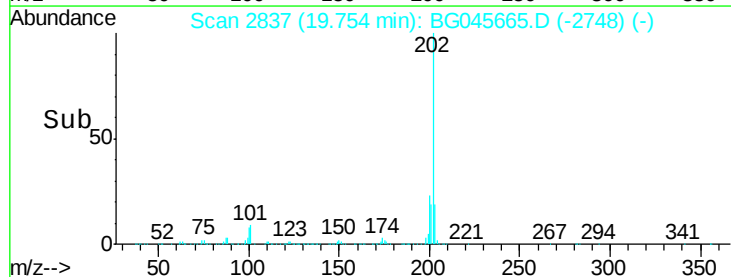
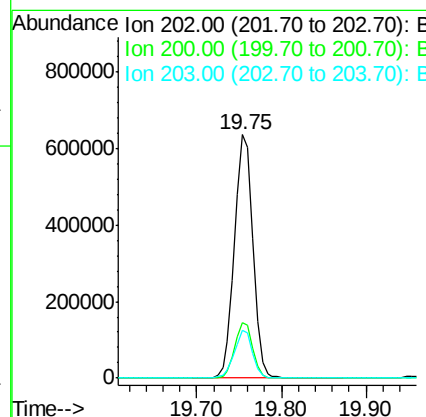
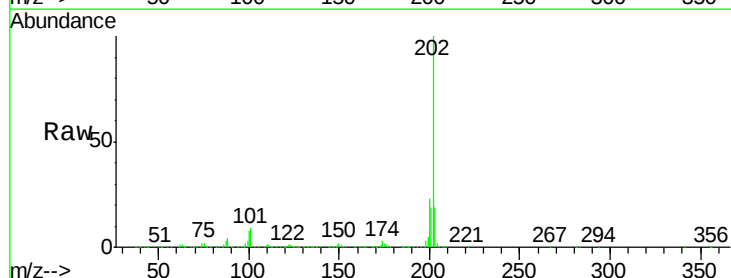
RT: 19.75 min Scan# 2837

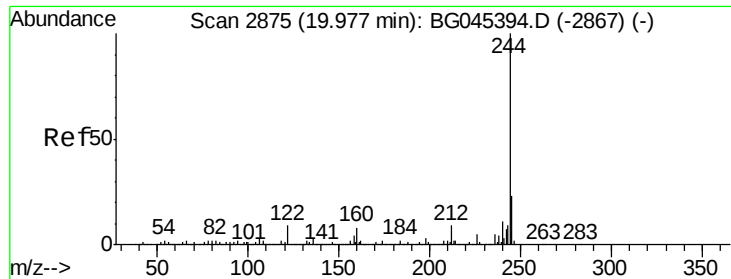
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	949976		
200	22.6		18.2	27.2
203	19.4		15.1	22.7





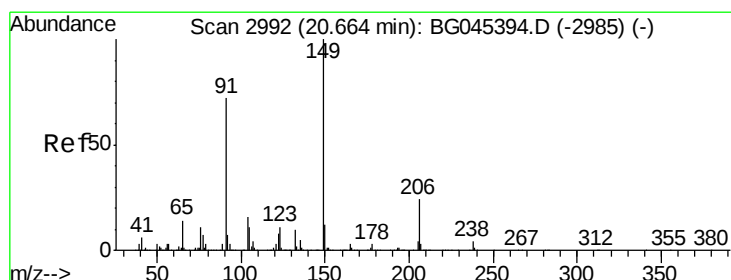
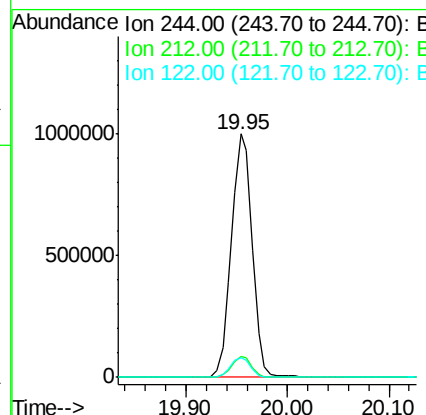
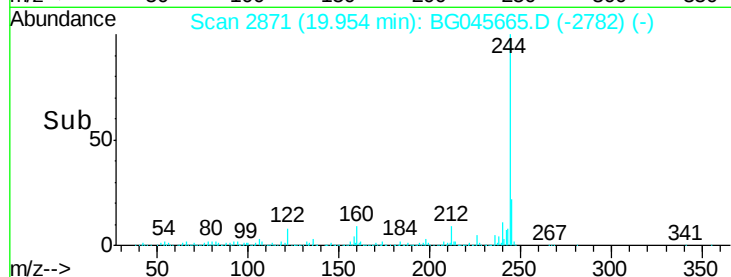
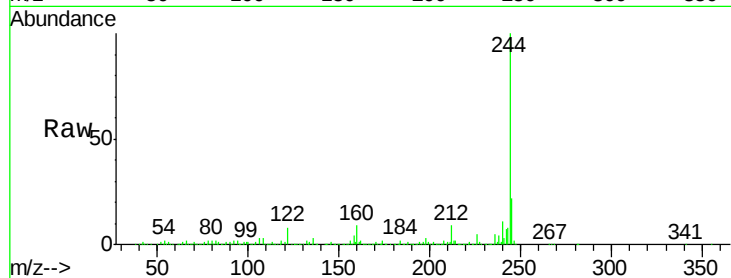
#79
 Terphenyl-d14
 Concen: 81.60 ng
 RT: 19.95 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tgt Ion:244 Resp: 1416520
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.4 11.0
 122 7.9 6.8 10.2

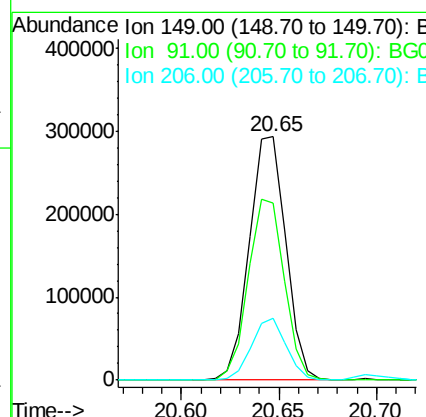
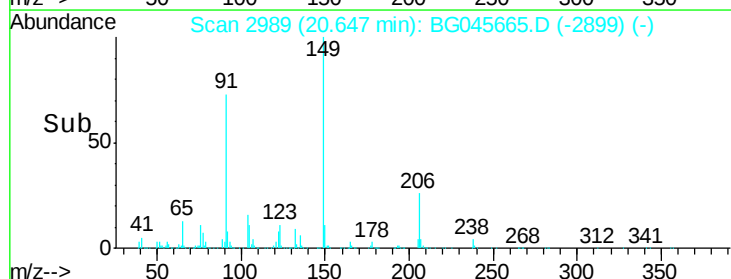
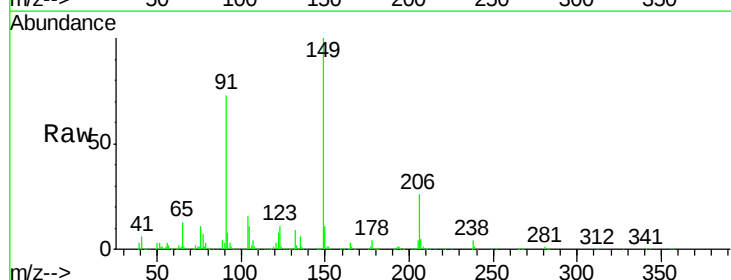
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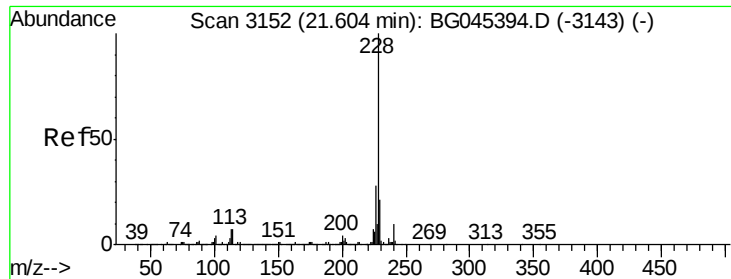
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.31 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:149 Resp: 381613
 Ion Ratio Lower Upper
 149 100
 91 72.6 57.8 86.6
 206 25.7 19.1 28.7





#81

Benzo(a)anthracene

Concen: 40.63 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

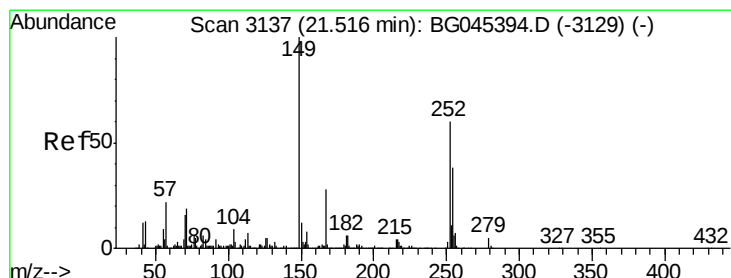
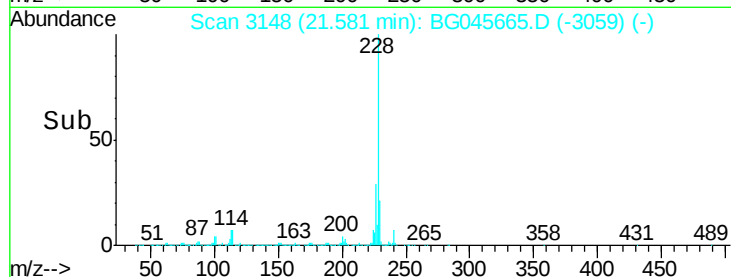
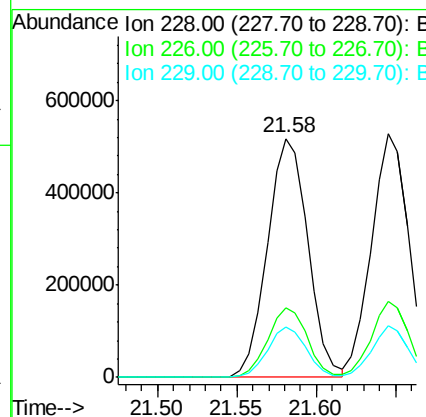
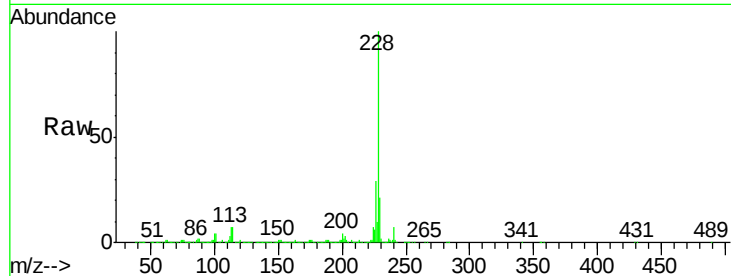
ClientSampleId :

SPMSD

Tgt	Ion	228	Resp:	916331
	Ratio	100	Lower	Upper
	228	100		
	226	29.3	22.7	34.1
	229	20.9	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 16.88 ng

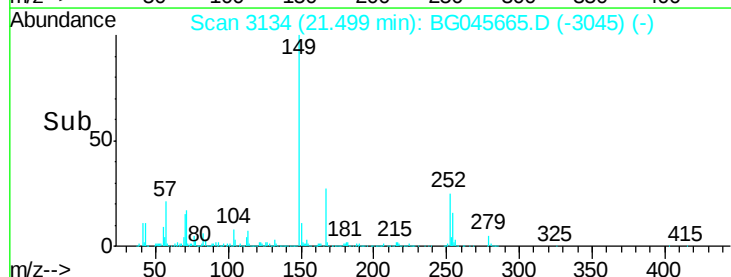
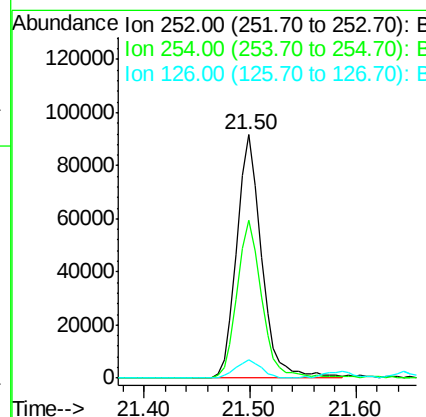
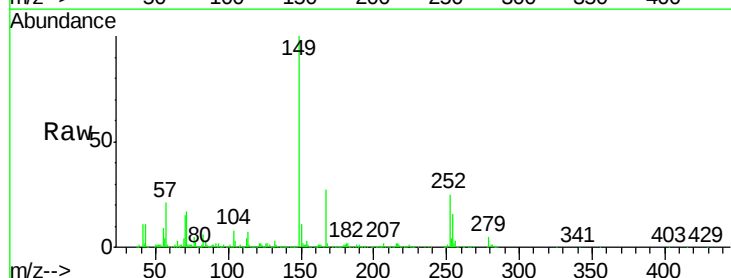
RT: 21.50 min Scan# 3134

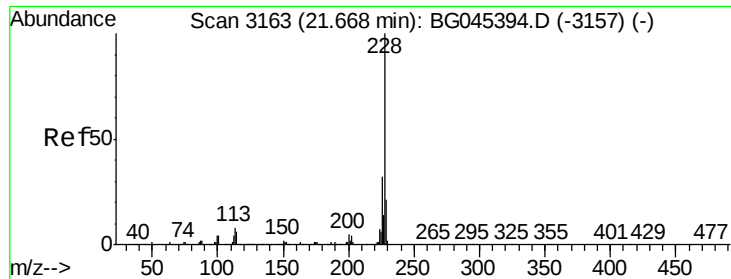
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt	Ion	252	Resp:	149372
	Ratio	100	Lower	Upper
	252	100		
	254	64.7	51.3	76.9
	126	7.7	6.6	10.0





#83

Chrysene

Concen: 39.89 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

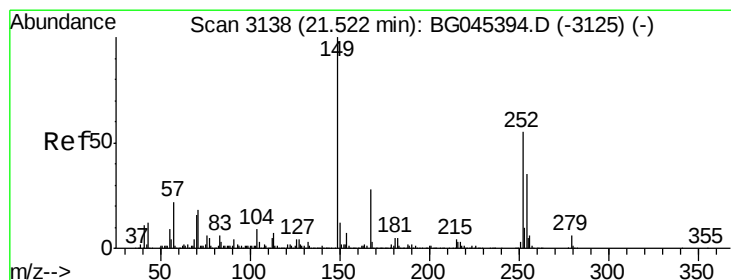
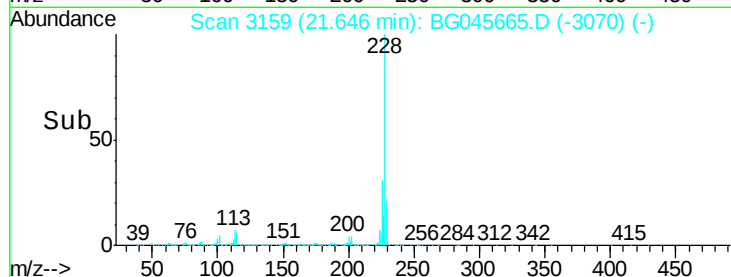
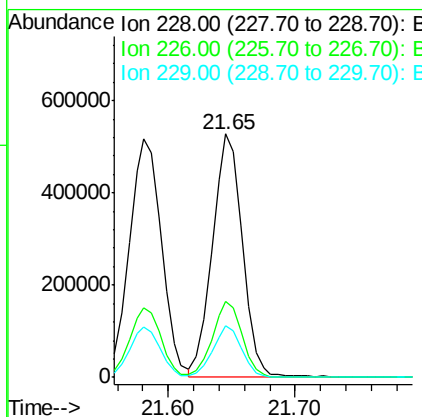
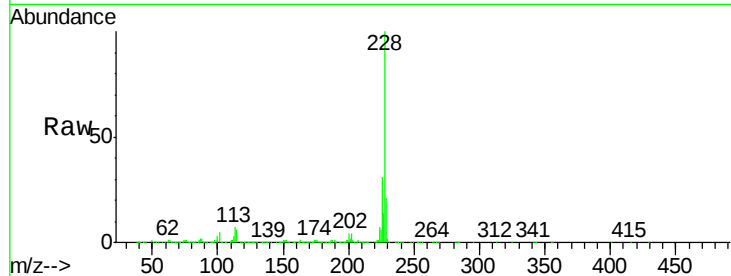
ClientSampleId :

SPMSD

Tgt	Ion	228	Resp:	865095
Ion	Ratio	100	Lower	Upper
228	100			
226	31.3	25.2	37.8	
229	21.0	16.7	25.1	

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.10 ng

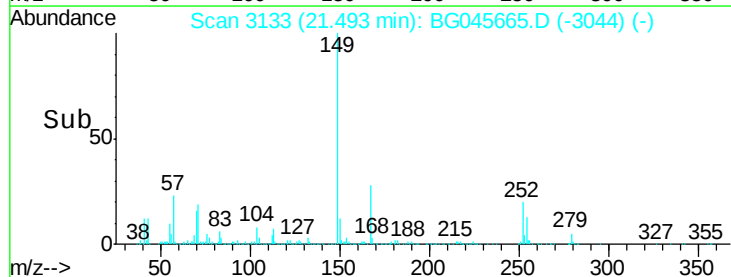
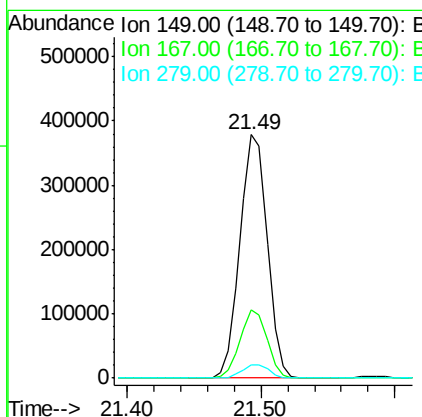
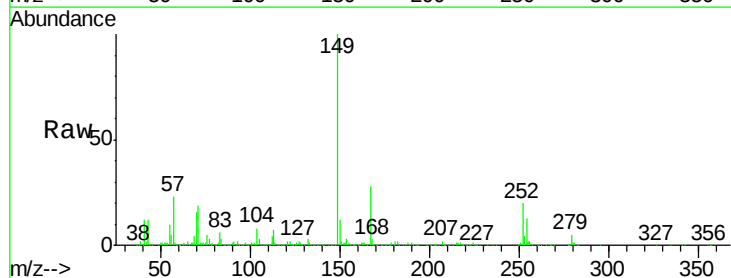
RT: 21.49 min Scan# 3133

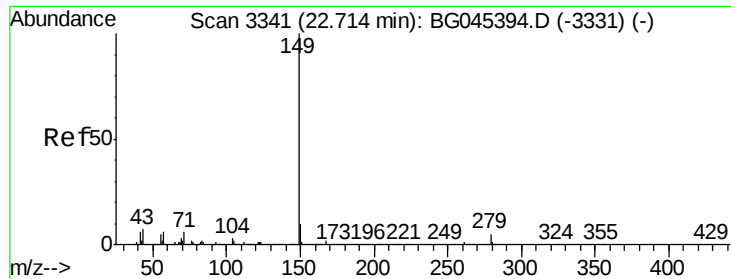
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt	Ion	149	Resp:	535478
Ion	Ratio	100	Lower	Upper
149	100			
167	28.1	22.2	33.2	
279	5.3	4.7	7.1	





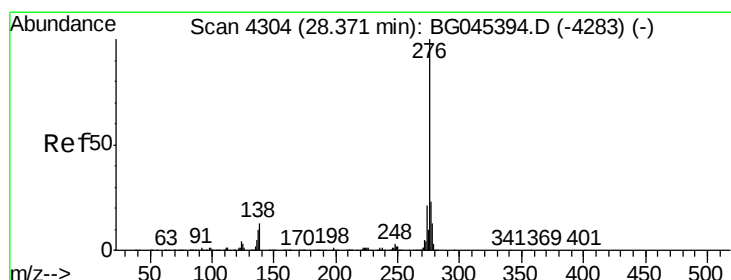
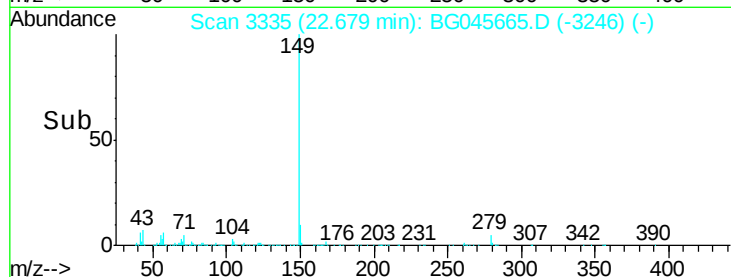
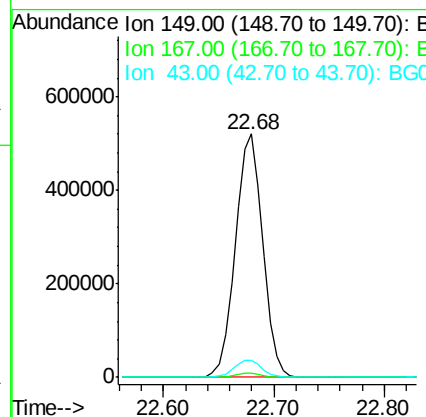
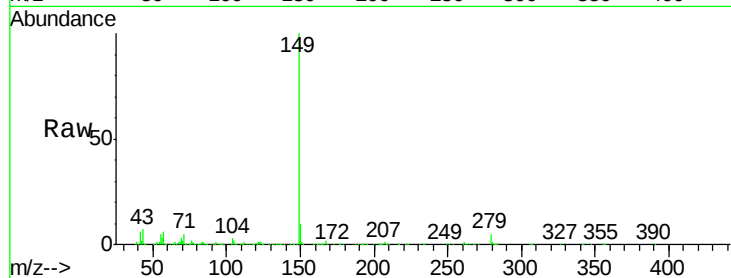
#85
Di-n-octyl phthalate
Concen: 38.35 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

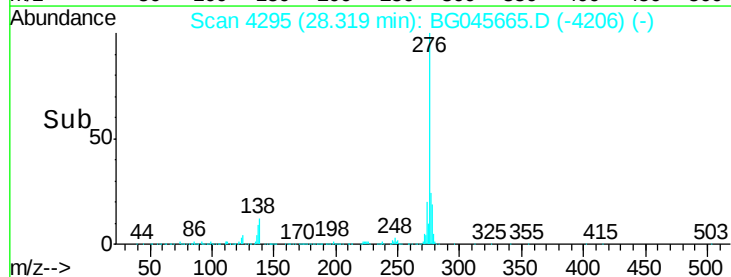
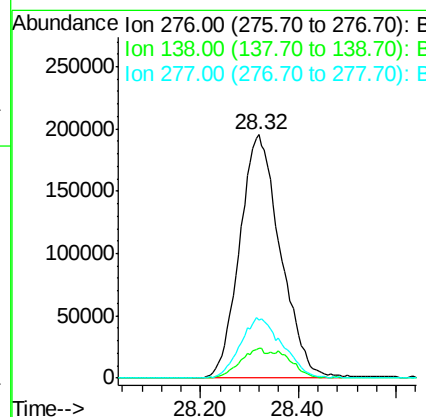
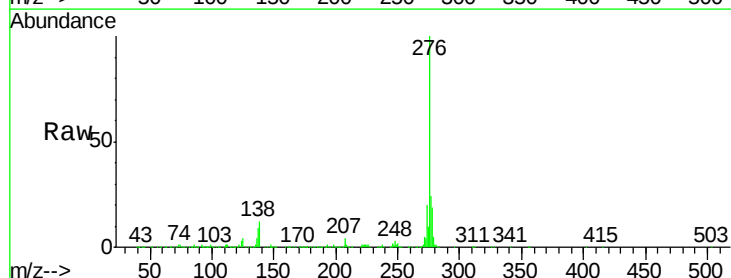
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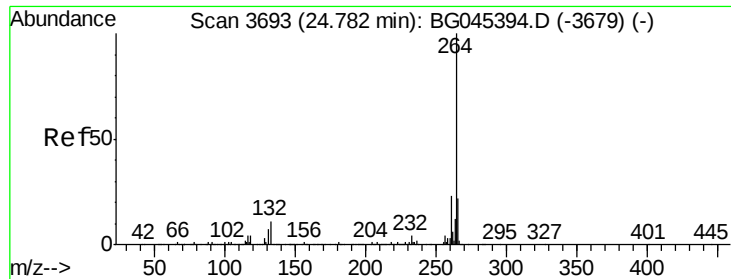
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.96 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	8.6	12.8#
277	25.6	20.2	30.4





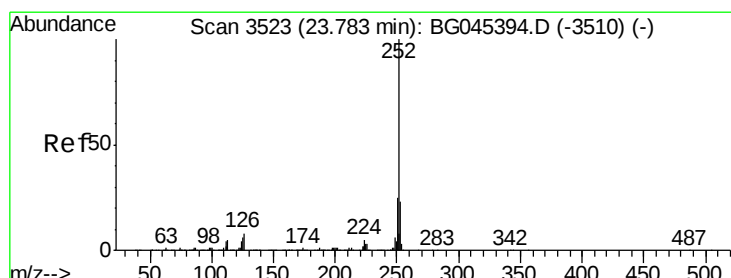
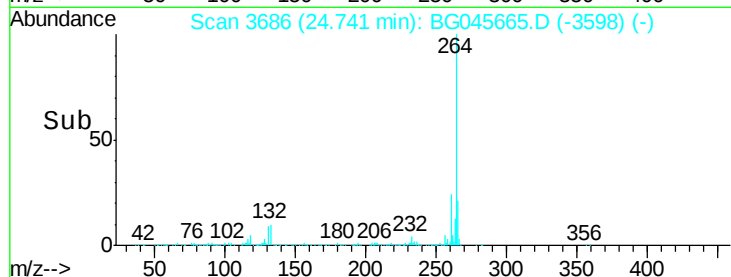
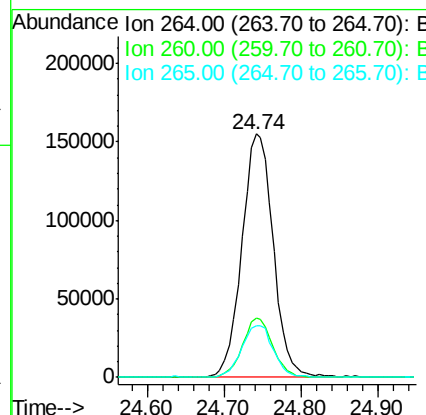
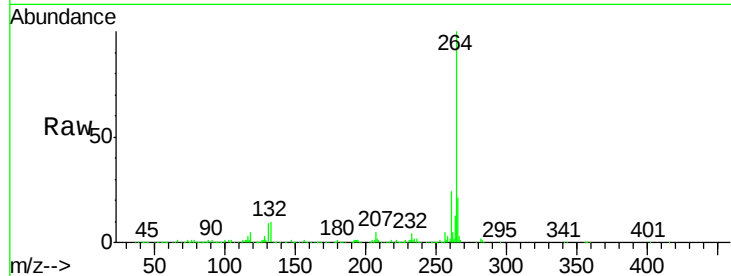
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.1	17.6	26.4

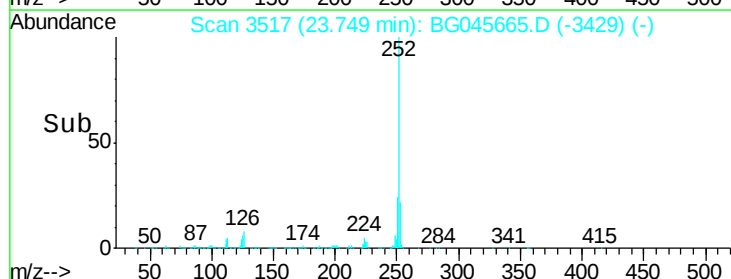
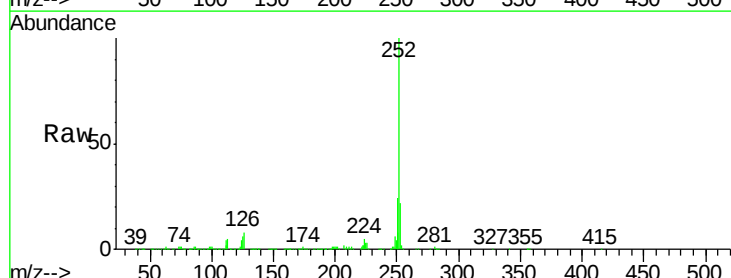
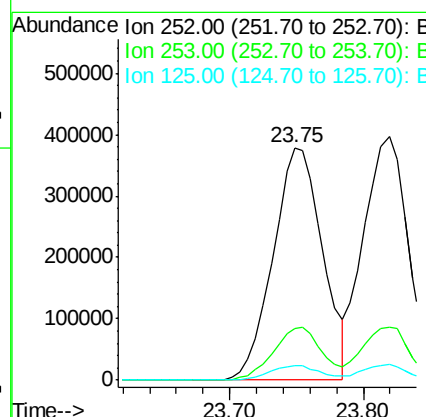
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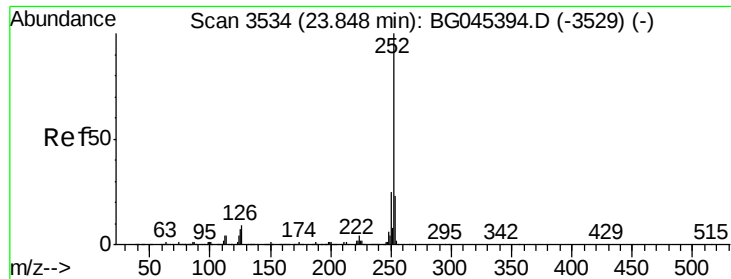
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.10 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.1	5.0	7.6





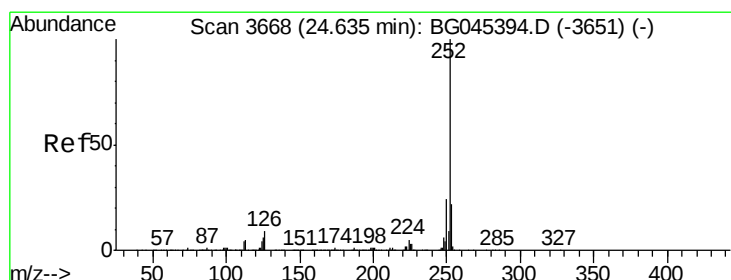
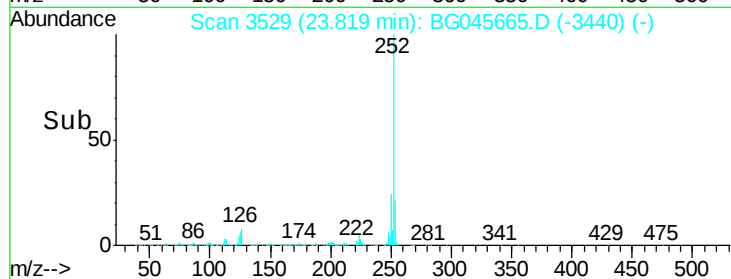
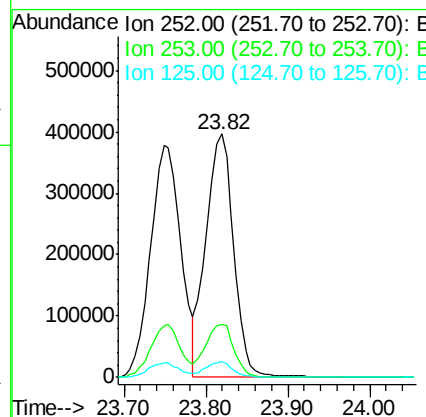
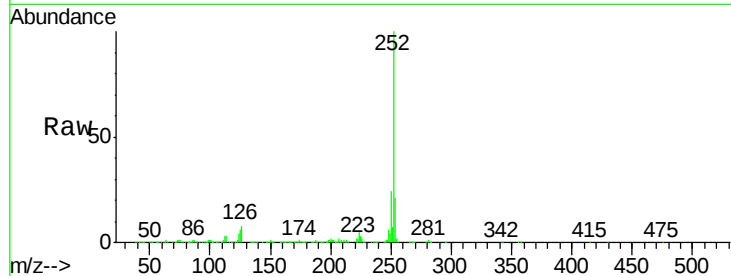
#89
Benzo(k)fluoranthene
Concen: 41.86 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	6.3	5.7	8.5

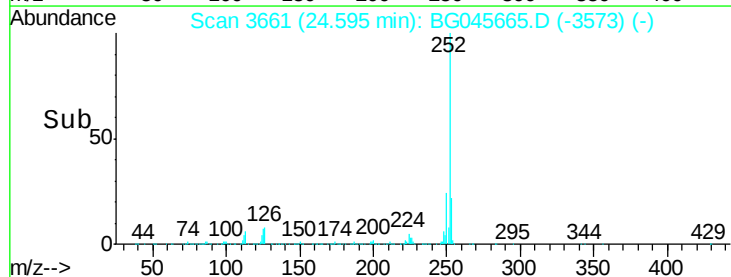
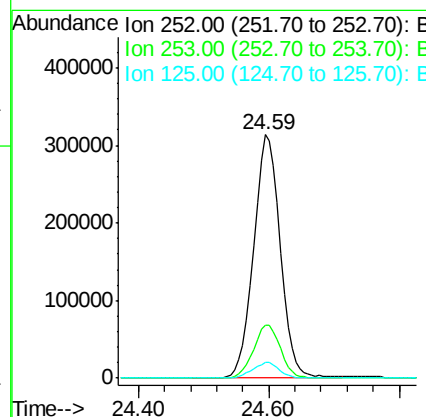
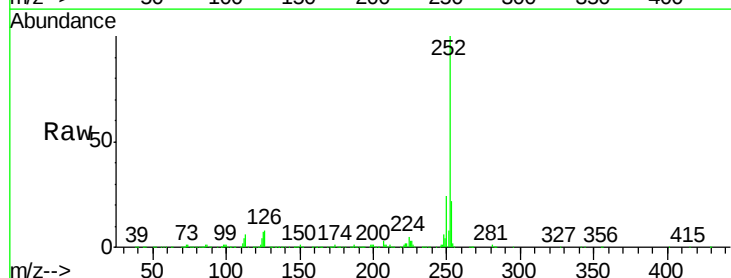
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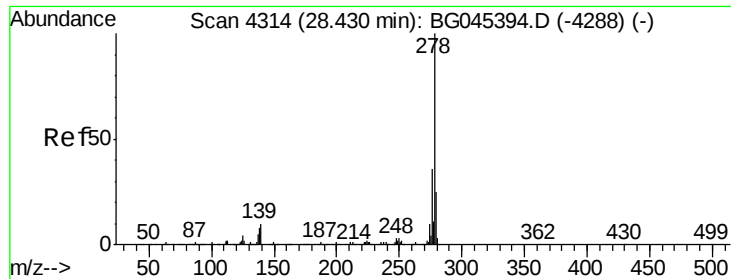
mohammad
6/10/2020 11:50:13 AM



#90
Benzo(a)pyrene
Concen: 40.25 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.7	5.0	7.6





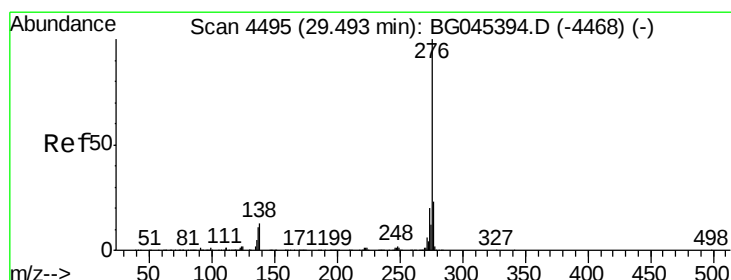
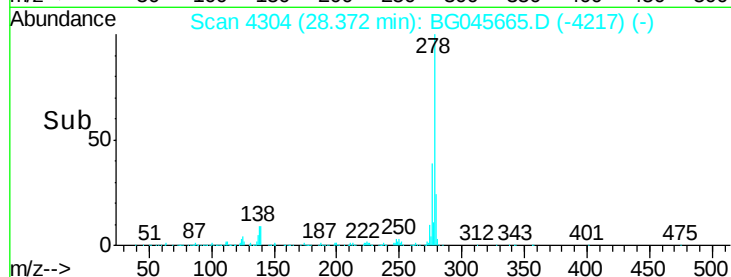
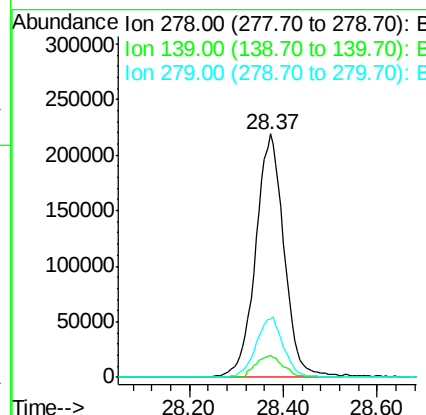
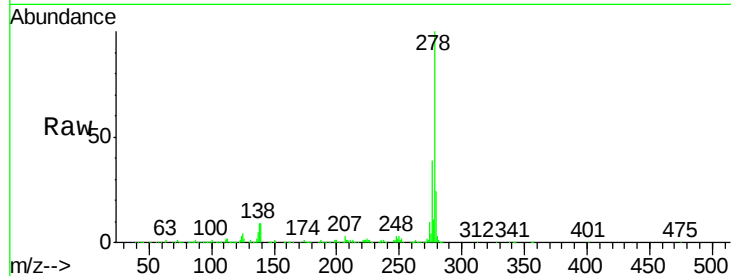
#91
Dibenzo(a,h)anthracene
Concen: 41.62 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.02 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	24.0	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/10/2020 11:50:13 AM



#92
Benzo(g,h,i)perylene
Concen: 42.58 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.1	27.1
138	11.8	10.2	15.4

