

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050719\
 Data File : BG040769.D
 Acq On : 7 May 2019 14:41
 Operator : HP/JU
 Sample : K2674-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Manual Integrations
 APPROVED

mohammad
 5/15/2019 8:40:02 AM

Quant Time: May 14 05:28:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	48426	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	185593	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135432	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	372071	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	376639	20.00	ng	-0.02
87) Perylene-d12	25.16	264	396431	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	399975	145.60	ng	0.00
7) Phenol-d6	7.28	99	569666	134.68	ng	-0.01
23) Nitrobenzene-d5	9.32	82	495624	123.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	4808	2.58	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	1041807	111.09	ng	-0.02
79) Terphenyl-d14	20.11	244	2052682	120.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	50920	40.757	ng	89
3) Pyridine	3.95	79	147921	40.847	ng	98
4) n-Nitrosodimethylamine	3.87	42	93941	46.769	ng	# 94
6) Aniline	7.47	93	245958	43.870	ng	98
8) 2-Chlorophenol	7.71	128	167315	49.879	ng	97
9) Benzaldehyde	7.28	77	111648	45.769	ng	98
10) Phenol	7.31	94	193049	42.457	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	167532	49.135	ng	96
12) 1,3-Dichlorobenzene	8.03	146	163086	44.544	ng	97
13) 1,4-Dichlorobenzene	8.18	146	166090	44.749	ng	99
14) 1,2-Dichlorobenzene	8.50	146	162166	45.306	ng	99
15) Benzyl Alcohol	8.38	79	207096	47.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	284868	41.964	ng	98
17) 2-Methylphenol	8.58	107	149725	46.531	ng	93
18) Hexachloroethane	9.23	117	62252	40.888	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	163119	42.840	ng	98
20) 3+4-Methylphenols	8.90	107	205594	45.865	ng	99
22) Acetophenone	8.98	105	300699	58.265	ng	# 95
24) Nitrobenzene	9.37	77	253223	59.088	ng	98
25) Isophorone	9.88	82	468716	52.388	ng	99
26) 2-Nitrophenol	10.07	139	6808	4.432	ng	95
27) 2,4-Dimethylphenol	10.11	122	153954	53.414	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	243289	54.198	ng	99
29) 2,4-Dichlorophenol	10.61	162	159738	48.749	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	212279	58.419	ng	96
31) Naphthalene	11.02	128	537335	54.497	ng	99
33) 4-Chloroaniline	11.13	127	239211	54.718	ng	95
34) Hexachlorobutadiene	11.28	225	149384	55.685	ng	98
35) Caprolactam	11.90	113	56951	44.022	ng	90
36) 4-Chloro-3-methylphenol	12.22	107	224122	54.218	ng	99
37) 2-Methylnaphthalene	12.61	142	416468	56.493	ng	99
38) 1-Methylnaphthalene	12.83	142	396923	55.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	293391	58.153	ng	98
41) Hexachlorocyclopentadiene	12.94	237	226969	76.239	ng	96

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Manual Integrations
 APPROVED

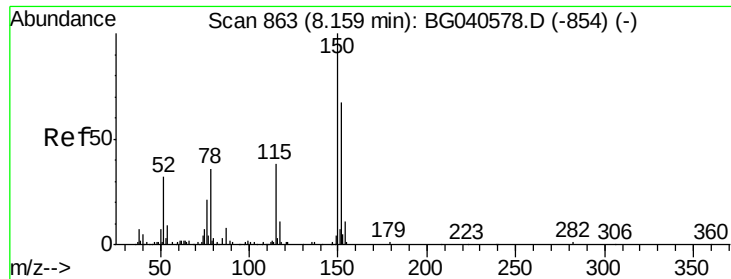
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	13.22	196	3493m	1.146	nq	
44) 2,4,5-Trichlorophenol	13.28	196	33194	9.994	nq	95
46) 1,1'-Biphenyl	13.61	154	568798	54.094	nq	97
47) 2-Chloronaphthalene	13.66	162	463662	56.345	nq	98
48) 2-Nitroaniline	13.86	65	197935	67.573	nq	94
49) Acenaphthylene	14.50	152	740290	53.024	nq	99
50) Dimethylphthalate	14.22	163	661098	58.343	nq	99
51) 2,6-Dinitrotoluene	14.35	165	142631	64.494	nq	94
52) Acenaphthene	14.84	154	435384	53.549	nq	97
53) 3-Nitroaniline	14.69	138	143824	63.471	nq	# 94
55) Dibenzofuran	15.17	168	774349	58.146	nq	100
57) 2,4-Dinitrotoluene	15.13	165	190536	63.404	nq	# 93
58) Fluorene	15.82	166	614751	57.112	nq	99
60) Diethylphthalate	15.57	149	699734	58.528	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	380855	60.836	nq	98
62) 4-Nitroaniline	15.84	138	161224	63.605	nq	92
63) Azobenzene	16.10	77	656588	53.327	nq	97
66) n-Nitrosodiphenylamine	16.02	169	579119	52.903	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	259909	56.070	nq	94
68) Hexachlorobenzene	16.81	284	266070	55.511	nq	95
69) Atrazine	16.96	200	258821	59.677	nq	98
71) Phenanthrene	17.56	178	1103945	55.085	nq	98
72) Anthracene	17.65	178	1117318	55.466	nq	97
73) Carbazole	17.92	167	993866	54.153	nq	99
74) Di-n-butylphthalate	18.46	149	1183020	53.405	nq	100
75) Fluoranthene	19.56	202	1429595	57.243	nq	99
77) Benzidine	19.74	184	929187	90.102	nq	98
78) Pylene	19.93	202	1413600	59.883	nq	96
80) Butylbenzylphthalate	20.79	149	536886	58.354	nq	96
81) Benzo(a)anthracene	21.78	228	1406164	59.073	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	491470	57.927	nq	100
83) Chrysene	21.85	228	1366031	60.342	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	771434	58.085	nq	96
85) Di-n-octyl phthalate	22.91	149	1288715	57.617	nq	98
86) Indeno(1,2,3-cd)pyrene	29.01	276	1443760	52.749	nq	# 90
88) Benzo(b)fluoranthene	24.08	252	1436772	59.309	nq	98
89) Benzo(k)fluoranthene	24.16	252	1399253	61.848	nq	98
90) Benzo(a)pyrene	25.00	252	1392716	60.734	nq	99
91) Dibenzo(a,h)anthracene	29.08	278	1182241	50.946	nq	97
92) Benzo(g,h,i)perylene	30.24	276	1207961	52.304	nq	97

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



#1

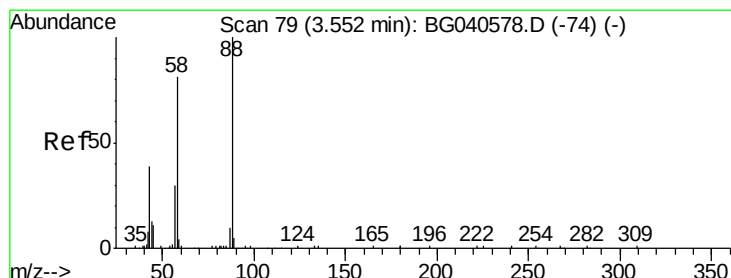
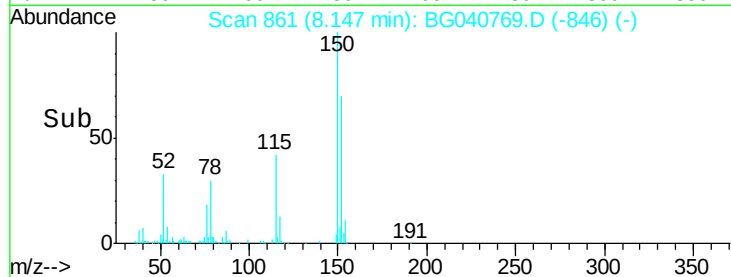
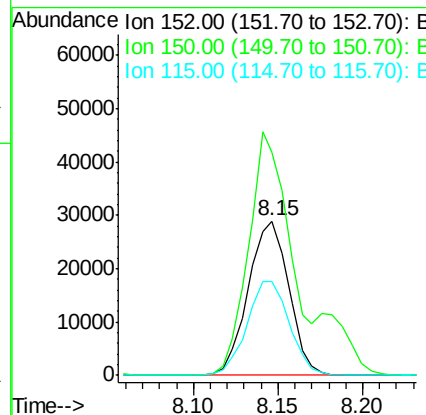
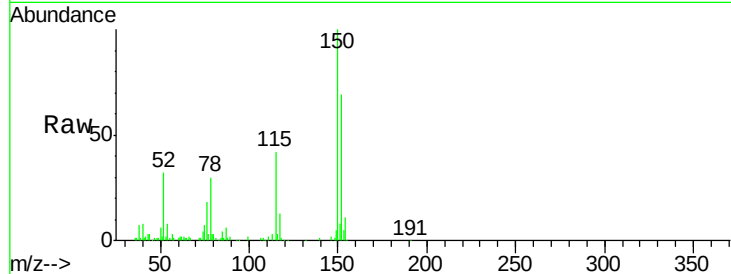
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	120.2	180.2
115	60.8	46.2	69.2

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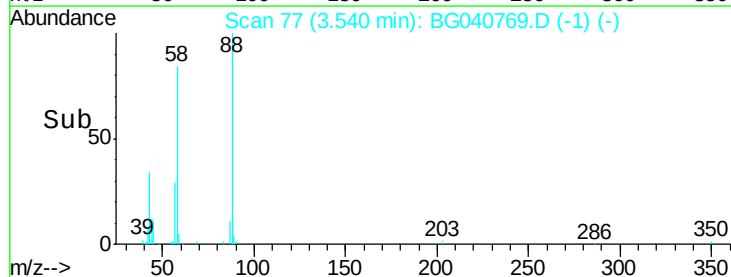
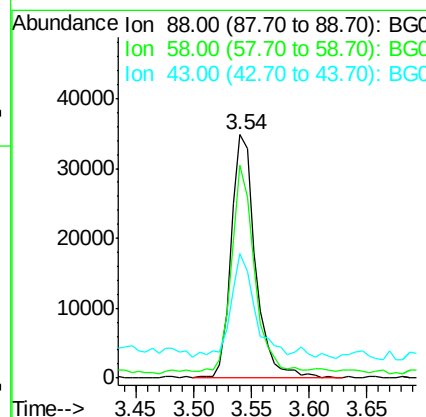
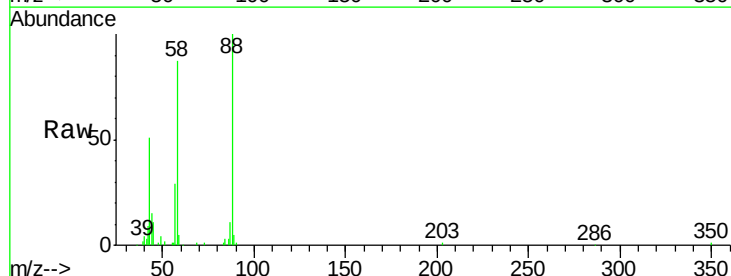
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5/15/2019 8:40:02 AM

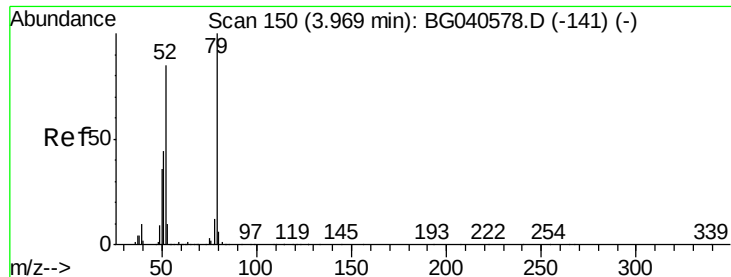


#2

1,4-Dioxane
Concen: 40.757 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	71.2	106.8
43	38.0	35.6	53.4





#3

Pvridine

Concen: 40.847 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

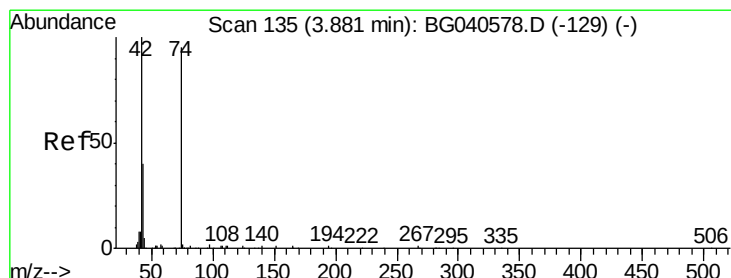
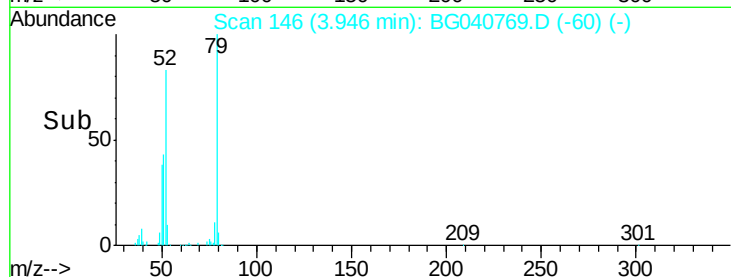
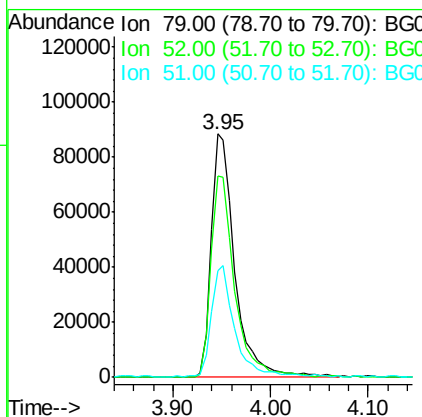
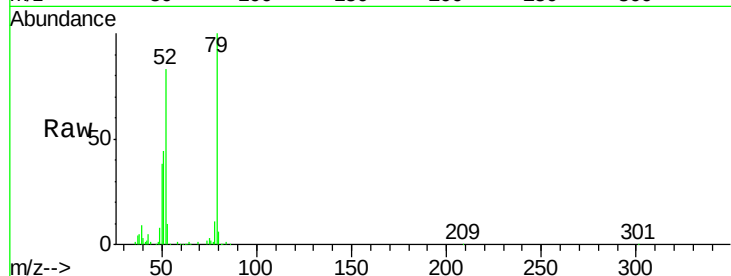
ClientSampleId :

SV28545LMSD

Tot Ion:	79	Resp:	147921
Ion	Ratio	Lower	Upper
79	100		
52	82.9	67.5	101.3
51	43.6	35.6	53.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.769 ng

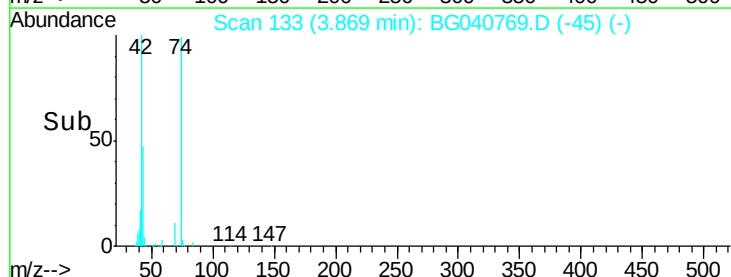
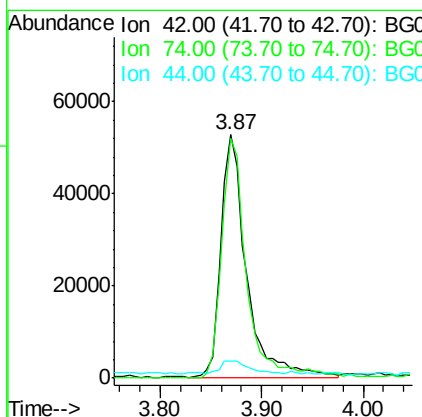
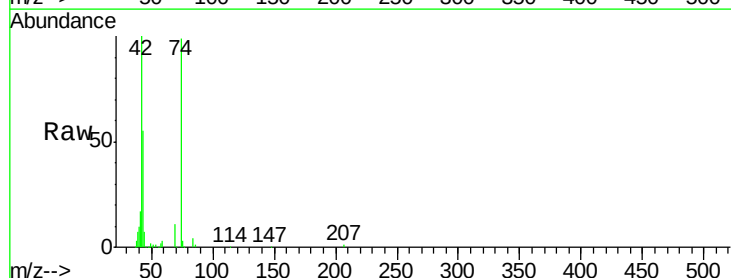
RT: 3.87 min Scan# 133

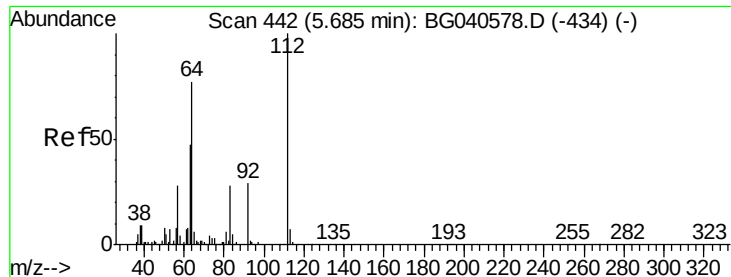
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	42	Resp:	93941
Ion	Ratio	Lower	Upper
42	100		
74	98.7	74.6	111.8
44	7.1	7.4	11.0





#5

2-Fluorophenol

Concen: 145.596 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

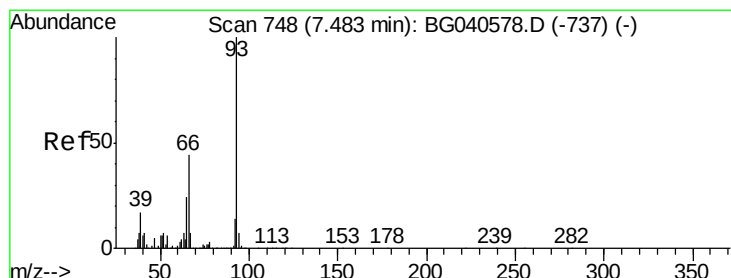
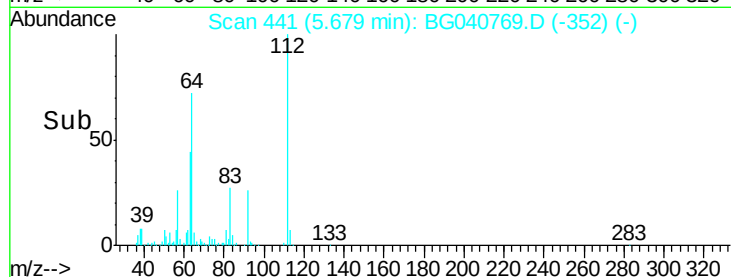
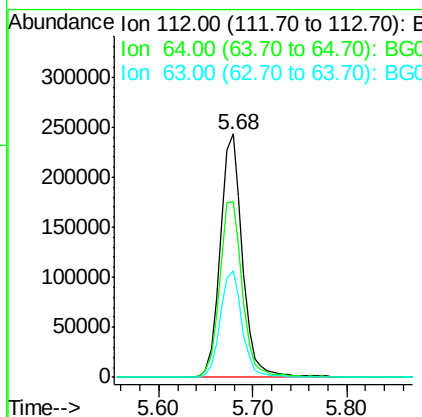
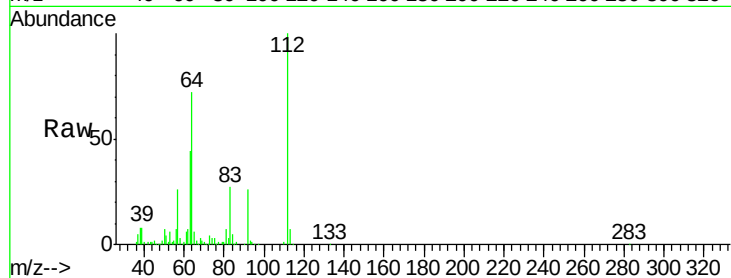
ClientSampleId :

SV28545LMSD

Tot Ion:	112	Resp:	399975
Ion Ratio	Lower	Upper	
112	100		
64	72.2	61.4	92.0
63	43.7	37.8	56.6

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#6

Aniline

Concen: 43.870 ng

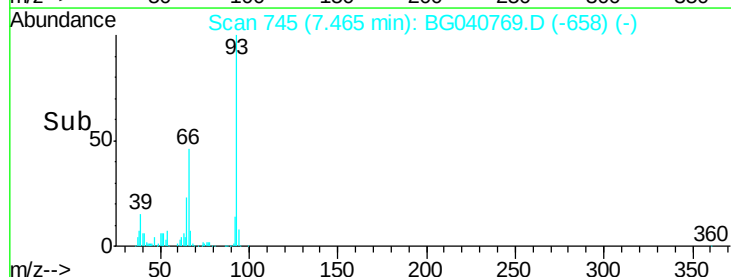
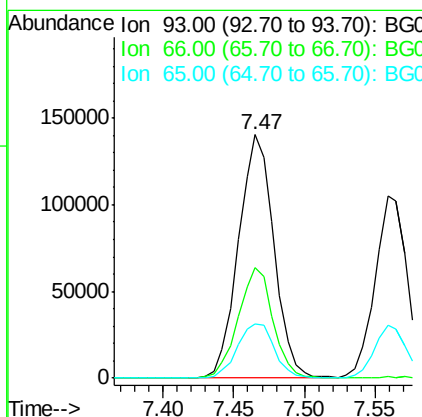
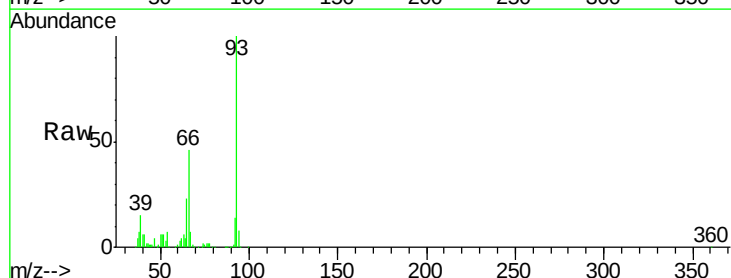
RT: 7.47 min Scan# 745

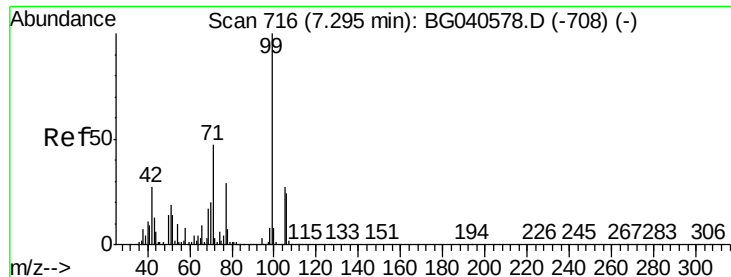
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	93	Resp:	245958
Ion Ratio	Lower	Upper	
93	100		
66	45.6	35.5	53.3
65	22.5	19.2	28.8





#7

Phenol-d6

Concen: 134.678 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

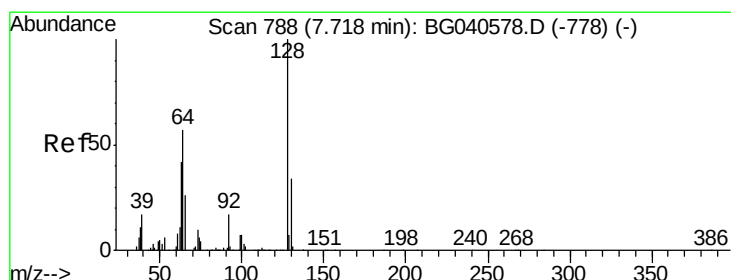
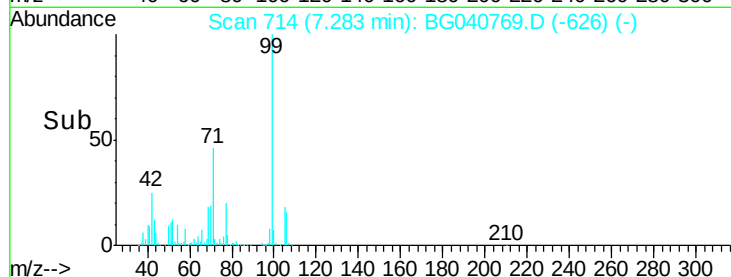
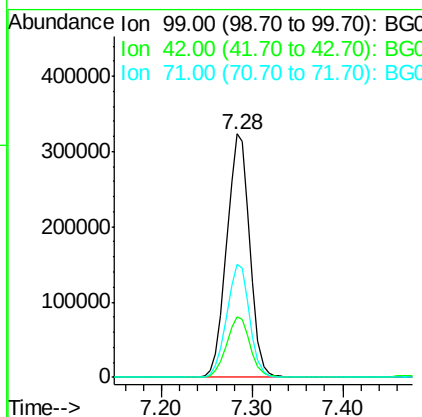
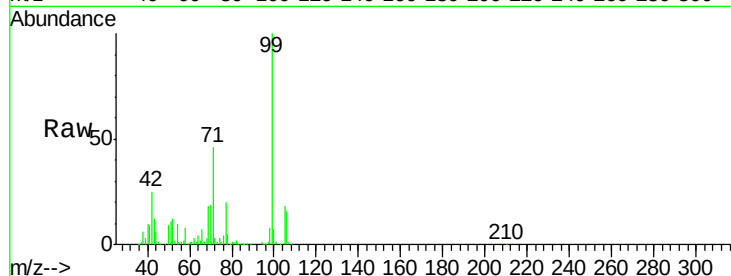
ClientSampleId :

SV28545LMSD

Tot Ion:	99	Resp:	569666
Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.8	32.8
71	46.3	38.6	57.8

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#8

2-Chlorophenol

Concen: 49.879 ng

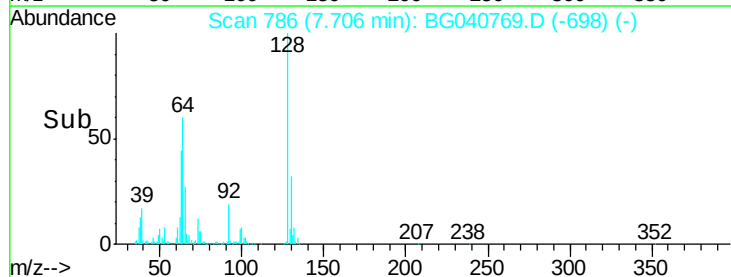
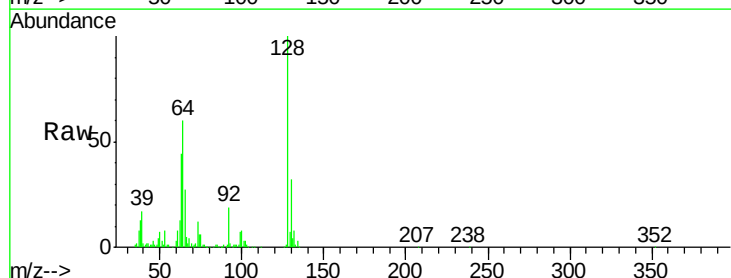
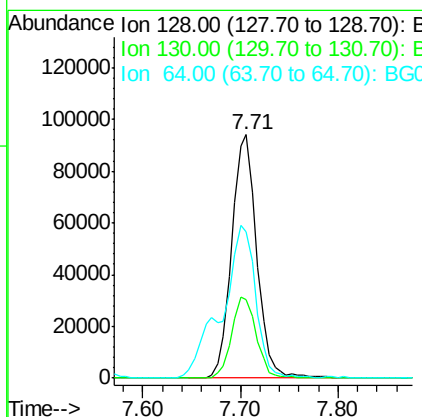
RT: 7.71 min Scan# 786

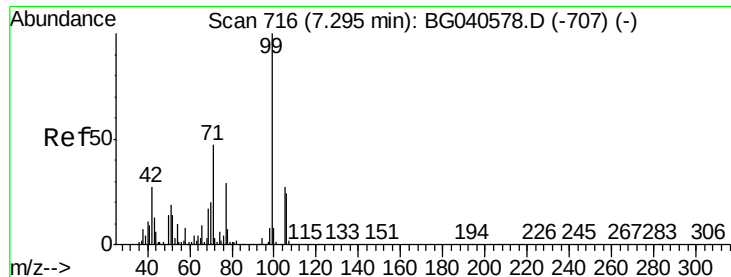
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	128	Resp:	167315
Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.5	54.5
64	59.9	38.4	78.4





#9

Benzaldehyde

Concen: 45.769 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

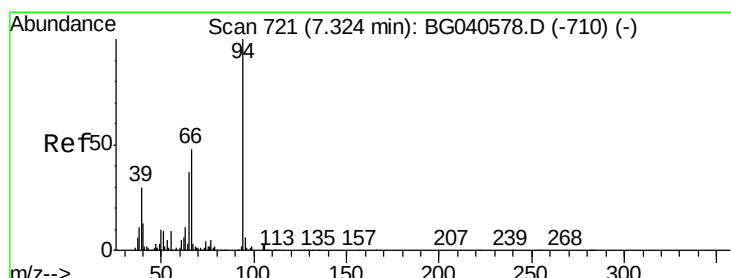
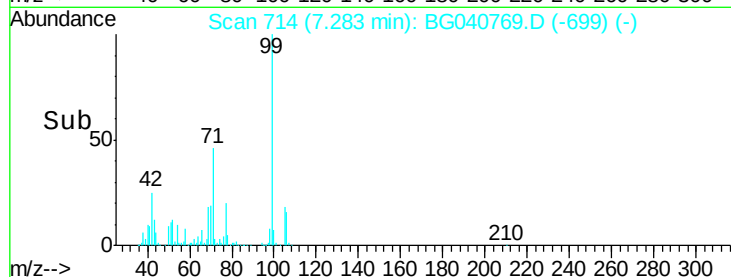
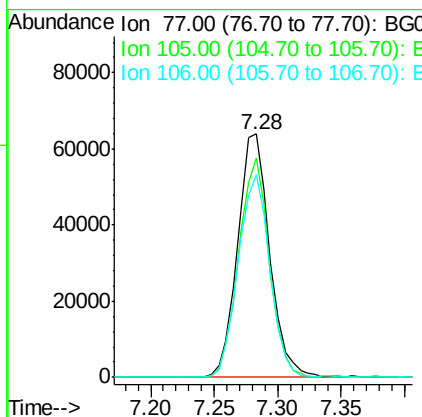
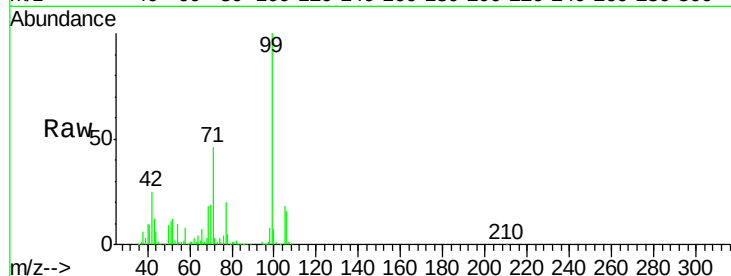
ClientSampleId :

SV28545LMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	72.0	112.0
106	83.1	61.2	101.2

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#10

Phenol

Concen: 42.457 ng

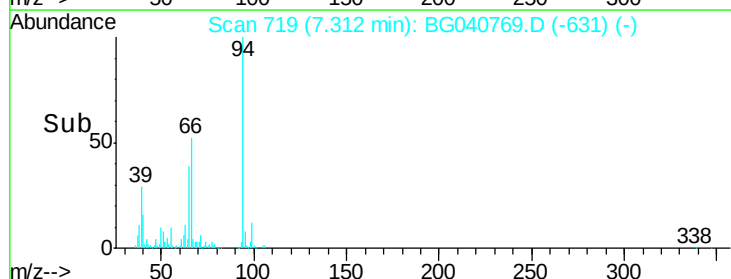
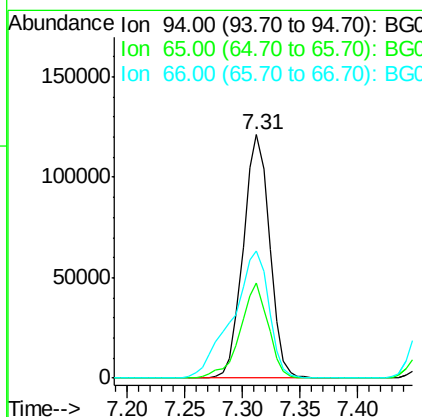
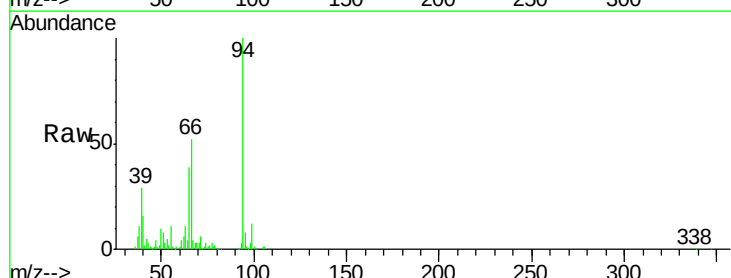
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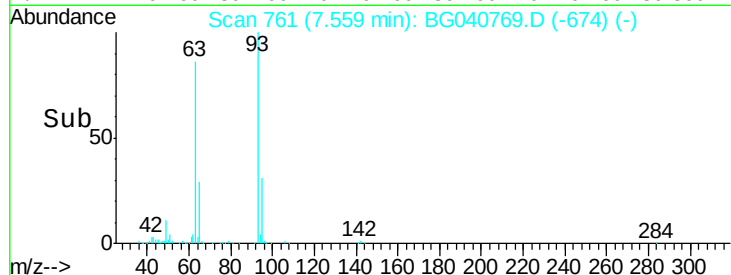
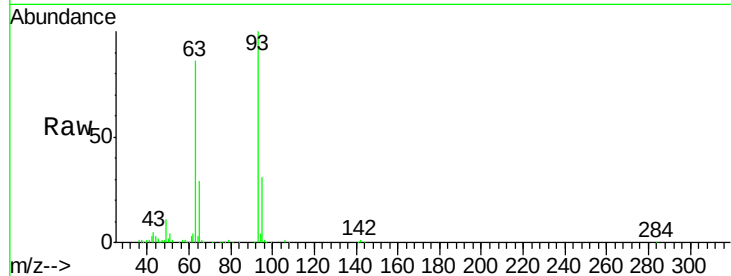
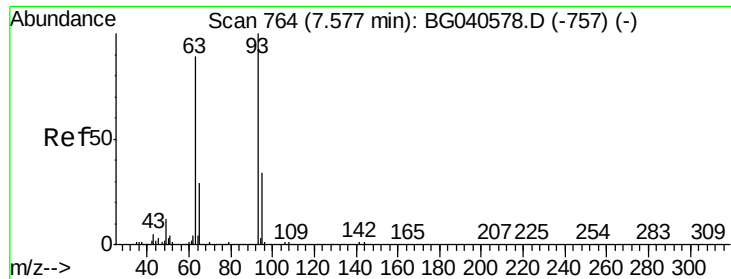
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.0	17.0	57.0
66	52.3	28.6	68.6





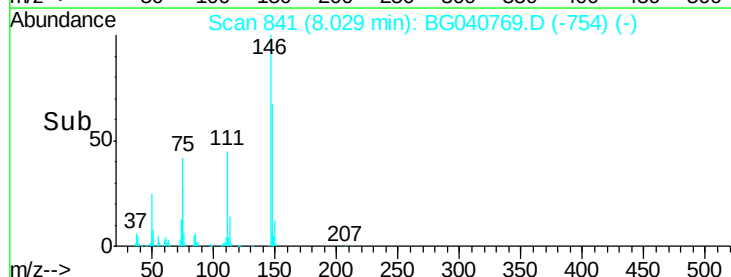
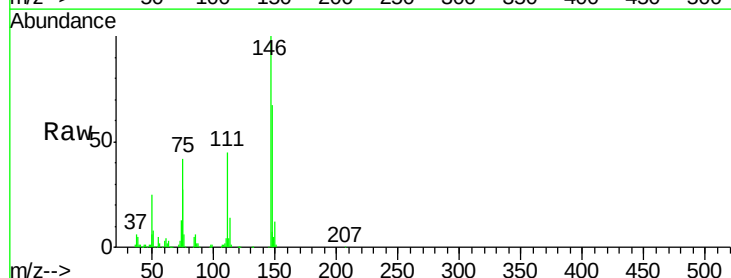
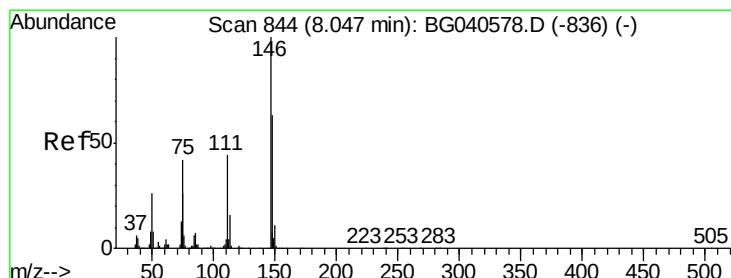
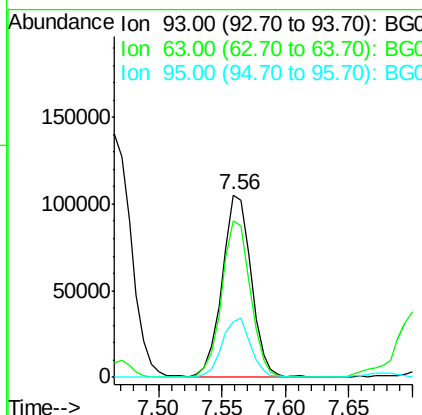
#11
bis(2-Chloroethyl)ether
Concen: 49.135 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	68.2	108.2
95	30.5	14.3	54.3

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

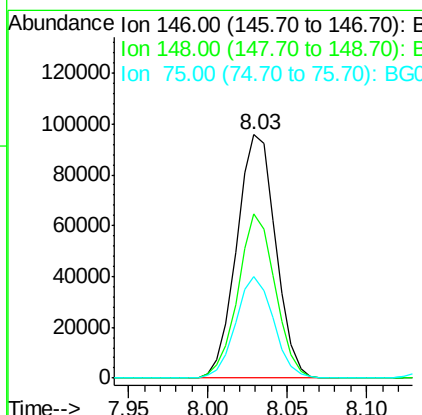
Manual Integrations
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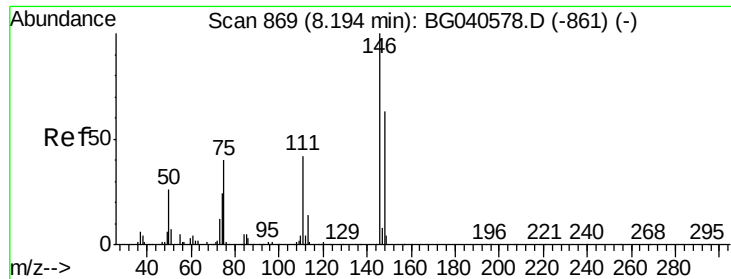
mohammad
5/15/2019 8:40:02 AM



#12
1,3-Dichlorobenzene
Concen: 44.544 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.7	76.1
75	41.9	33.4	50.2





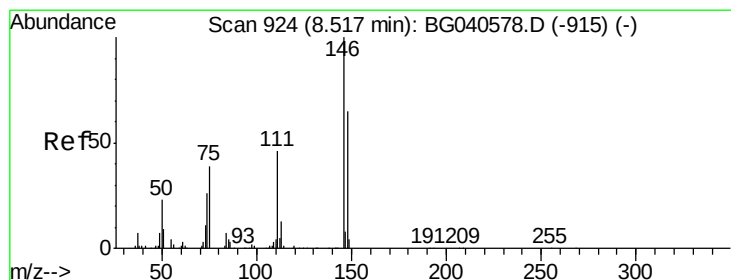
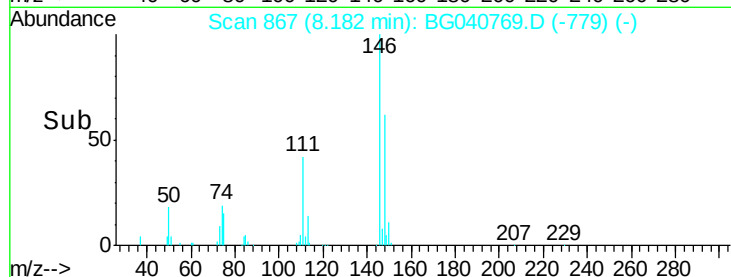
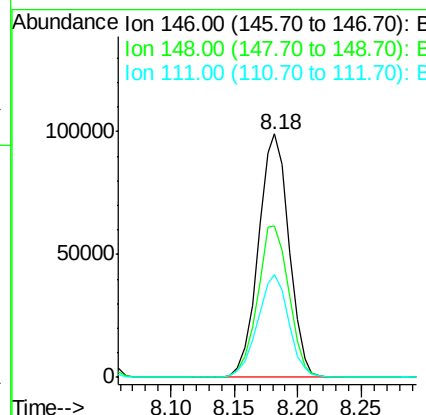
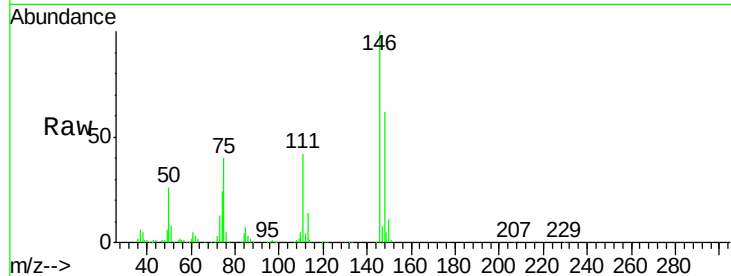
#13
1,4-Dichlorobenzene
Concen: 44.749 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	42.4	34.3	51.5

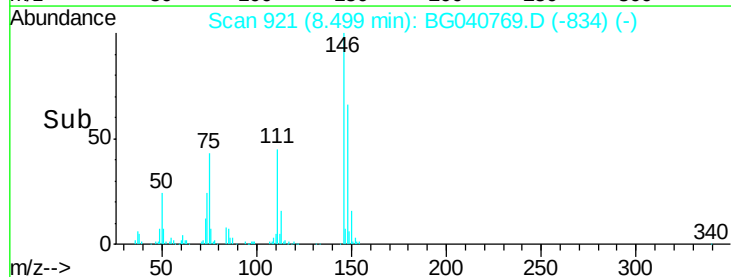
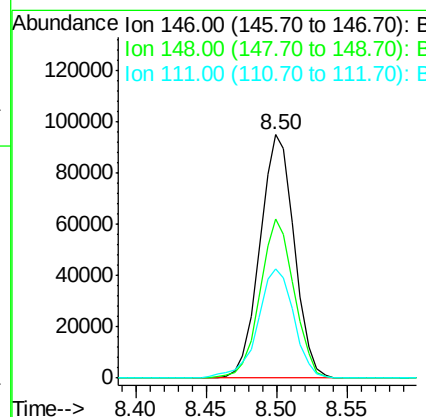
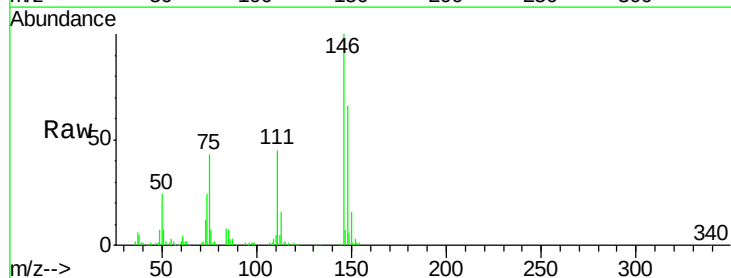
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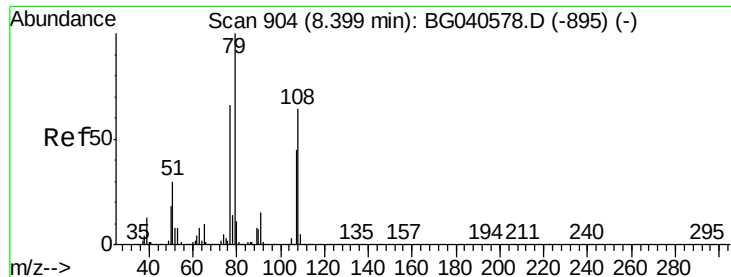
mohammad
5/15/2019 8:40:02 AM



#14
1,2-Dichlorobenzene
Concen: 45.306 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.4
111	45.0	37.4	56.0





#15

Benzyl Alcohol

Concen: 47.055 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

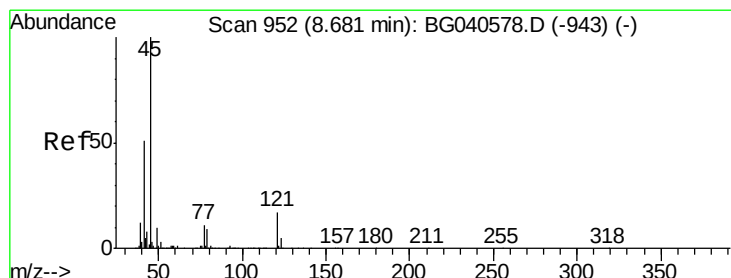
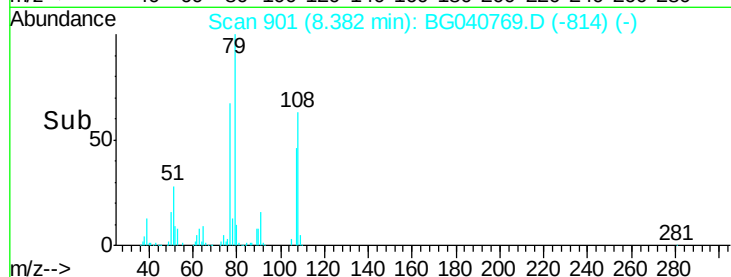
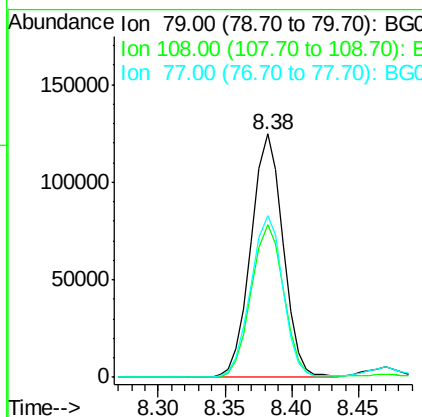
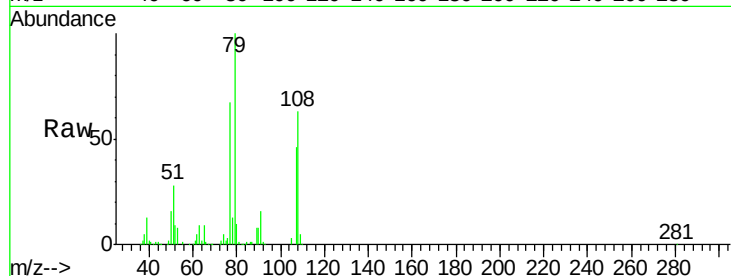
ClientSampleId :

SV28545LMSD

Tot Ion:	79	Resp:	207096
Ion Ratio	Lower	Upper	
79	100		
108	62.8	51.4	77.0
77	66.6	52.6	79.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.964 ng

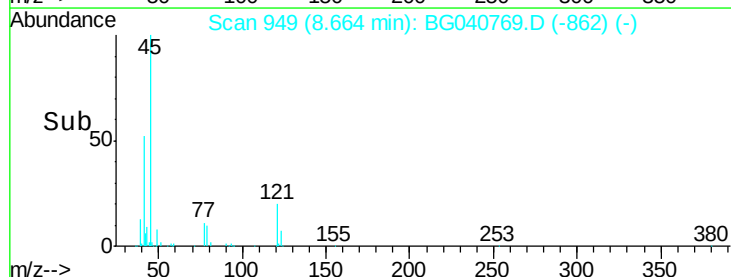
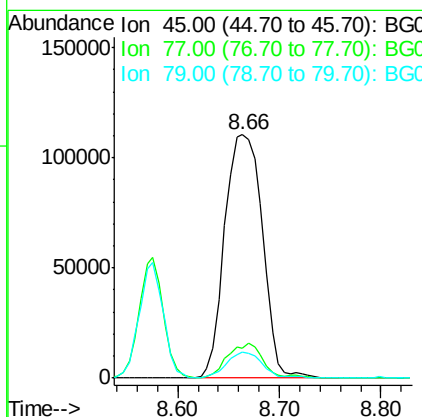
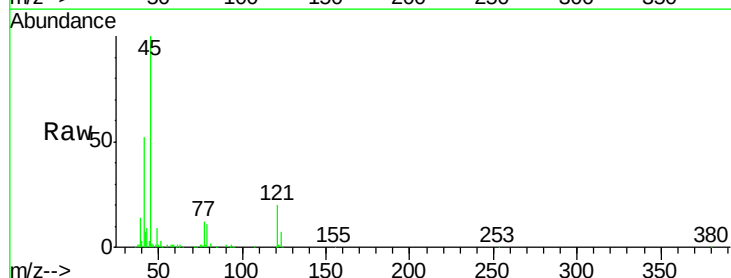
RT: 8.66 min Scan# 949

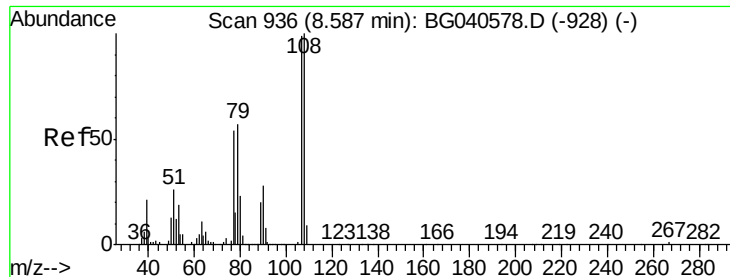
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	45	Resp:	284868
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	31.5
79	10.6	0.0	29.4





#17

2-Methylphenol

Concen: 46.531 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

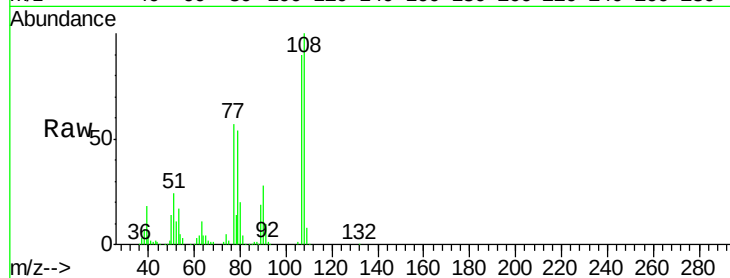
ClientSampleId :

SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	81.2	121.8	
77	62.8	44.4	66.6	
79	60.0	47.0	70.4	

Manual Integrations
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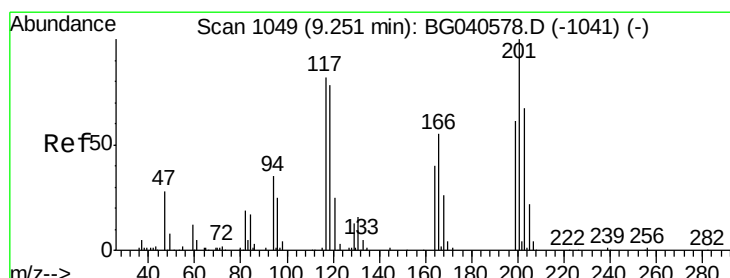
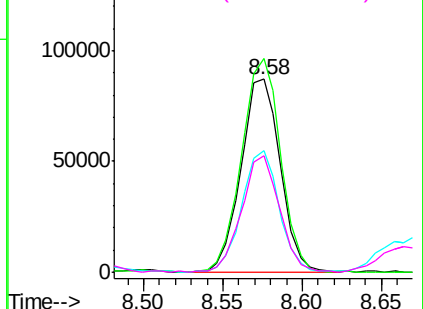
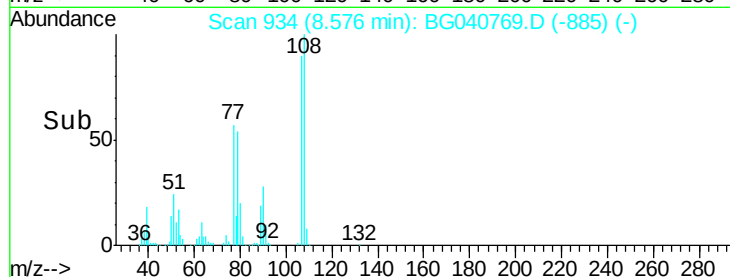
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.888 ng

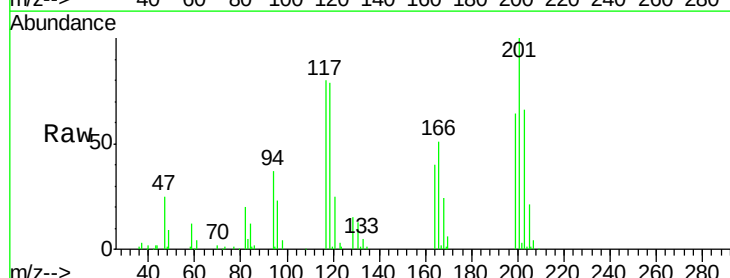
RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.4	76.6	114.8	
201	128.8	101.0	151.6	

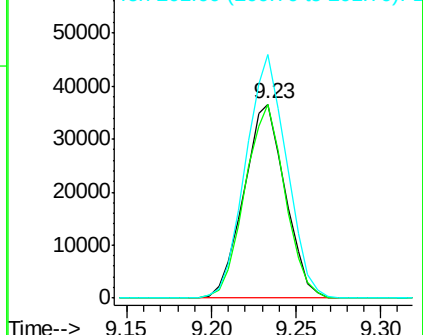
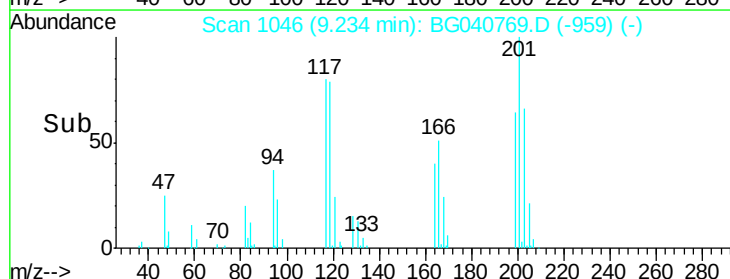


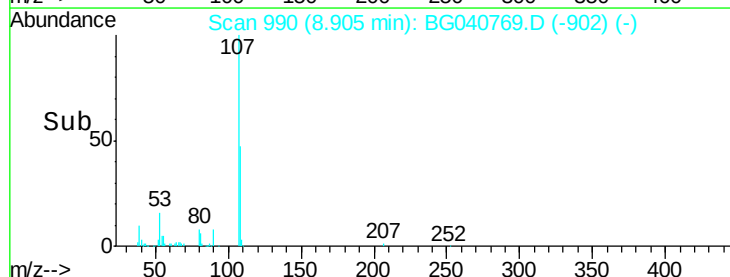
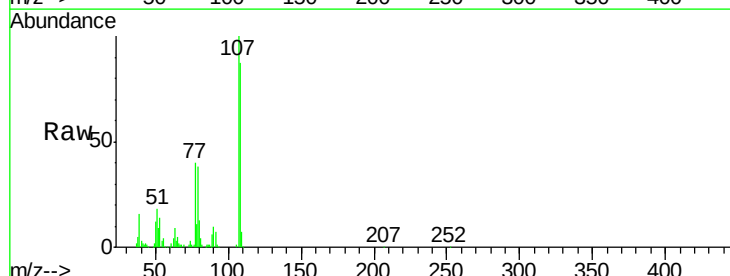
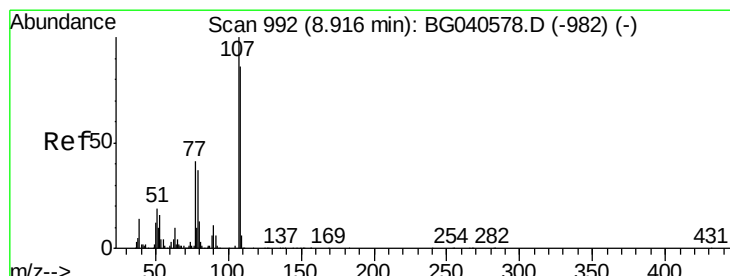
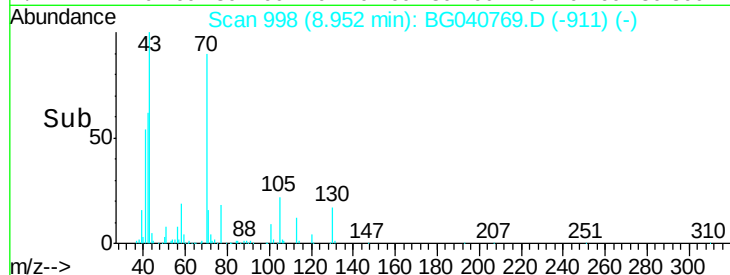
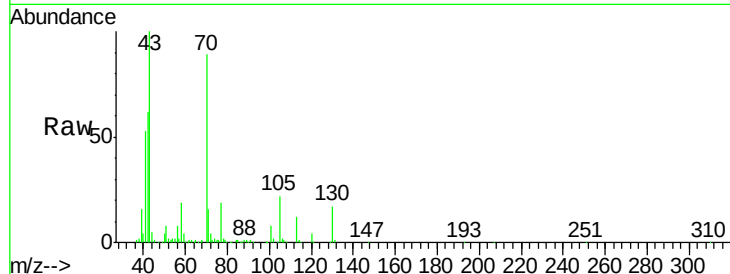
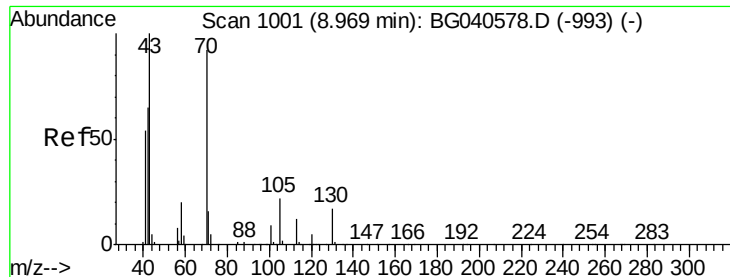
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.840 ng

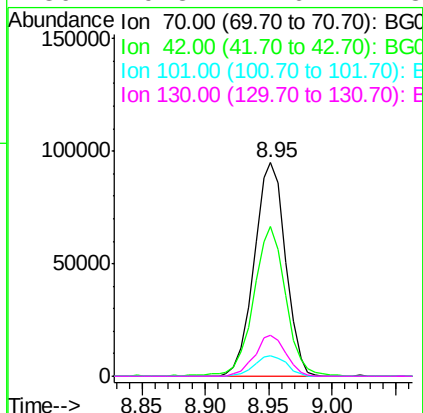
RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.1	57.1	85.7
101	9.5	7.8	11.8
130	19.3	14.6	21.8



Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

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#20

3+4-Methylphenols

Concen: 45.865 ng

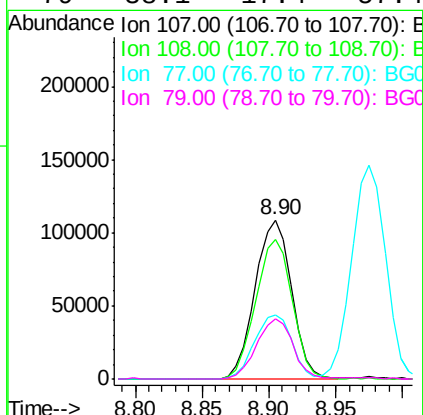
RT: 8.90 min Scan# 990

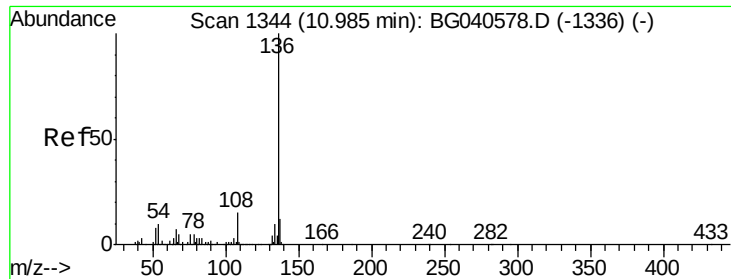
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	66.1	106.1
77	40.5	21.6	61.6
79	38.1	17.4	57.4





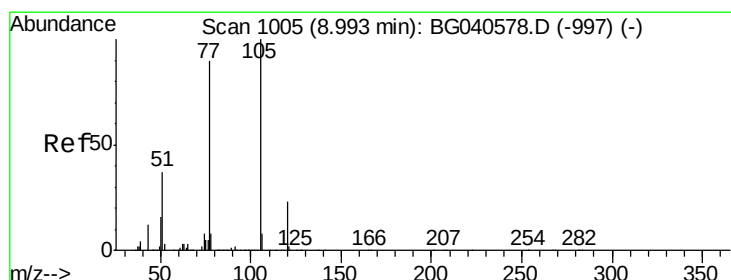
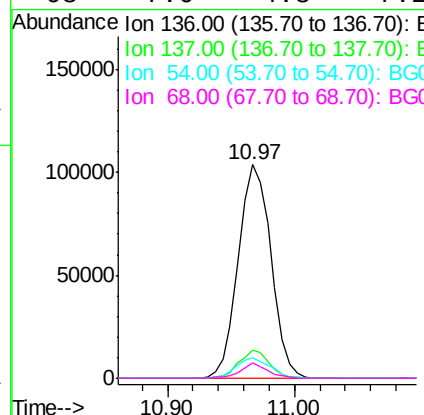
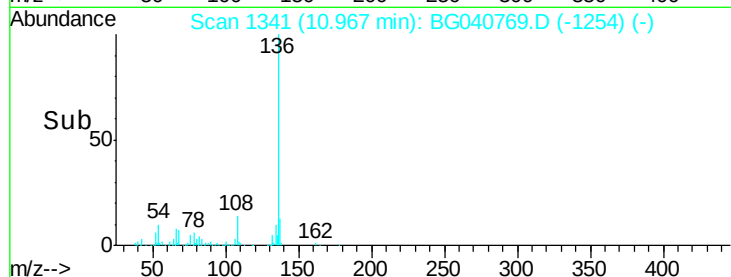
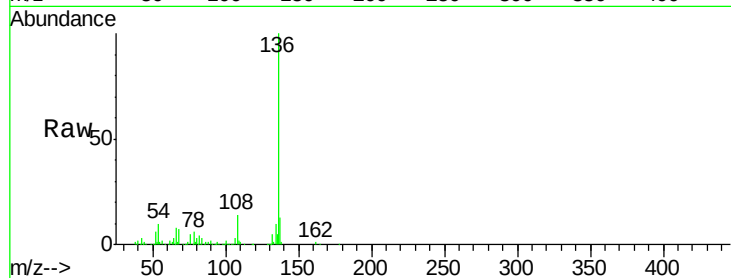
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	185593		
137	13.1	9.7	14.5	
54	9.8	8.6	12.8	
68	7.0	4.8	7.2	

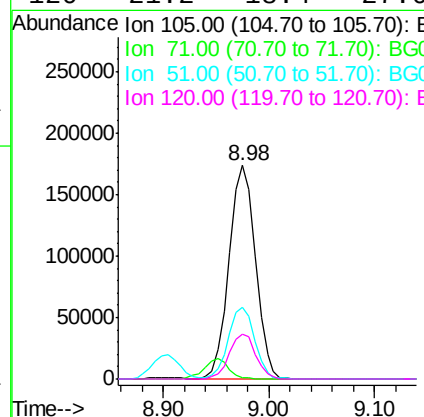
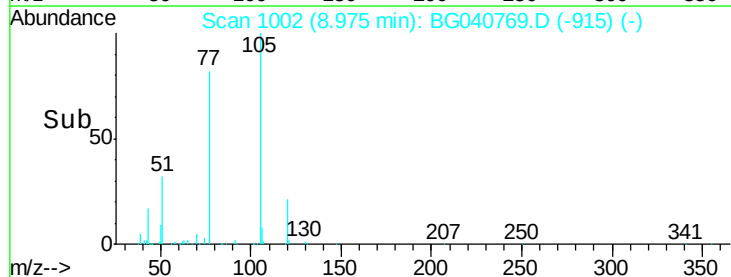
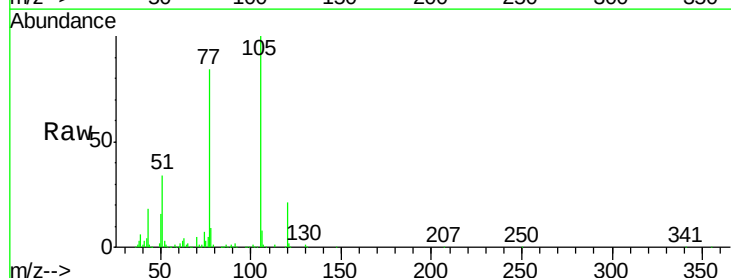
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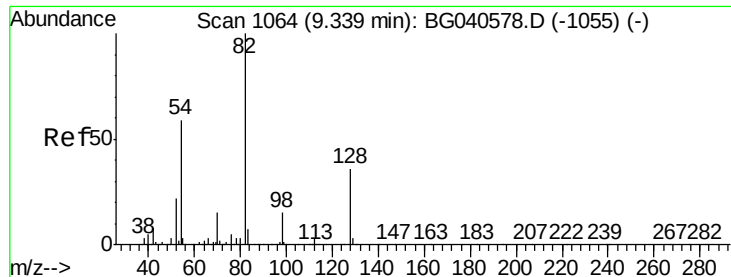
mohammad
5/15/2019 8:40:02 AM



#22
Acetophenone
Concen: 58.265 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300699		
71	0.8	1.8	2.8#	
51	33.7	29.8	44.8	
120	21.2	18.4	27.6	





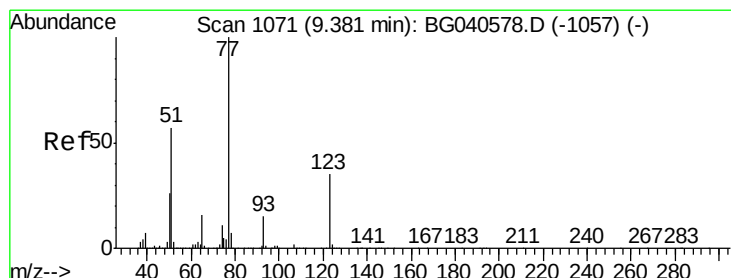
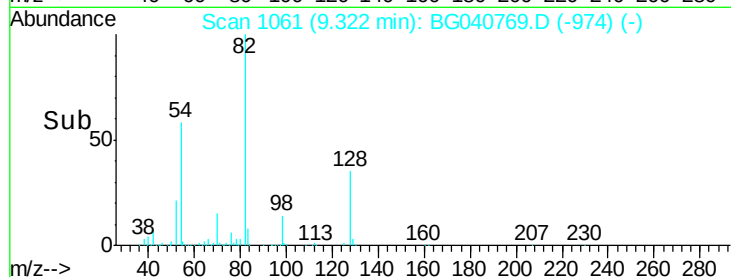
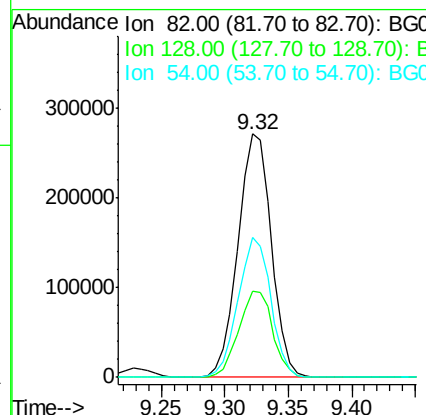
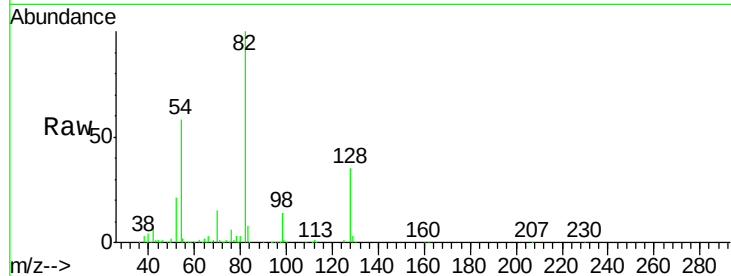
#23
 Nitrobenzene-d5
 Concen: 123.393 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion:	82	Resp:	495624
Ion Ratio	Lower	Upper	
82	100		
128	35.5	28.9	43.3
54	57.6	47.2	70.8

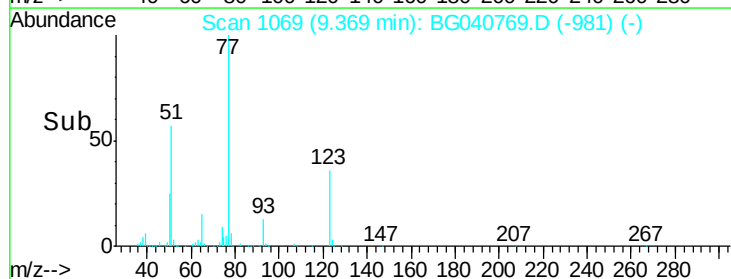
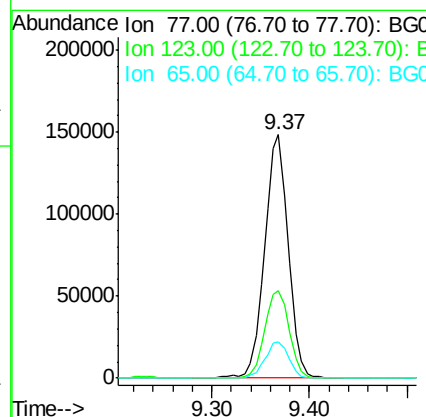
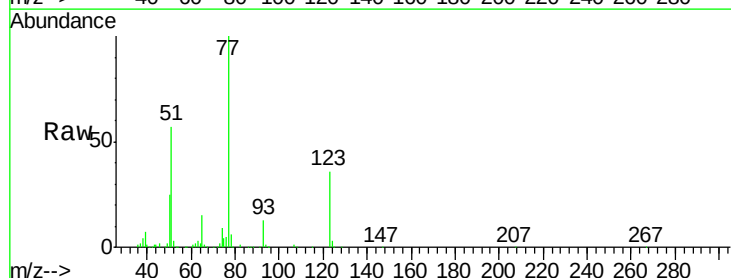
Manual Integrations
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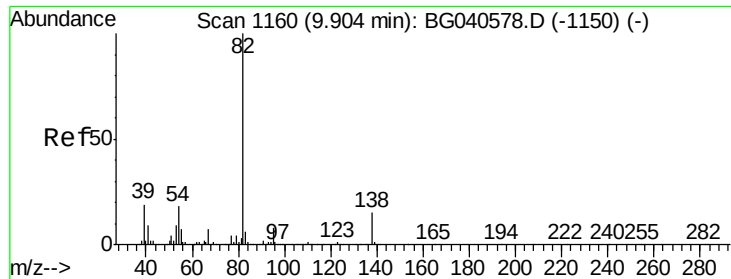
mohammad
 5/15/2019 8:40:02 AM



#24
 Nitrobenzene
 Concen: 59.088 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion:	77	Resp:	253223
Ion Ratio	Lower	Upper	
77	100		
123	36.2	27.8	41.6
65	14.9	12.4	18.6





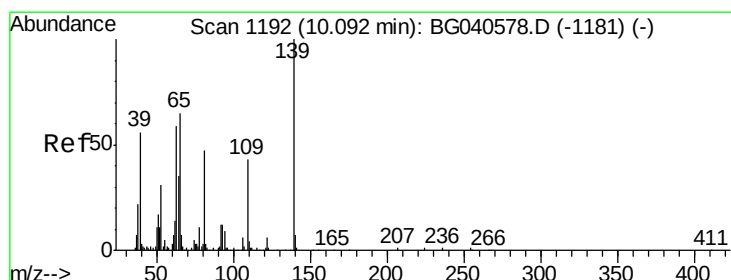
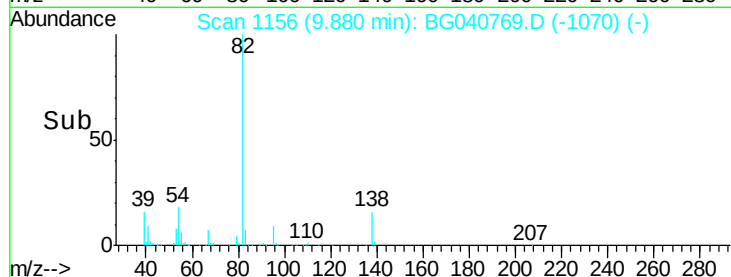
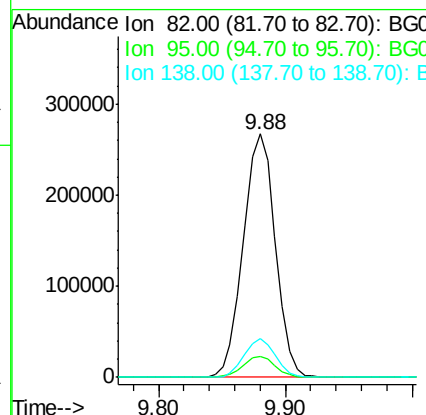
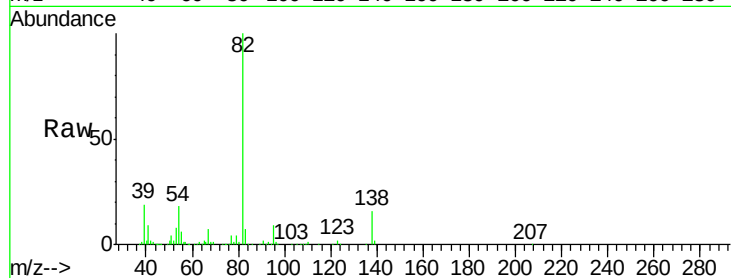
#25
Isophorone
Concen: 52.388 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	468716		
95	8.8	6.9	10.3	
138	16.0	12.3	18.5	

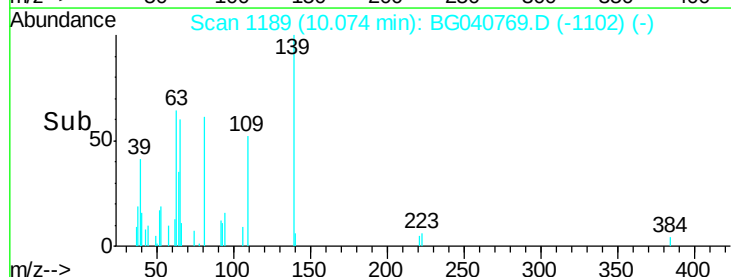
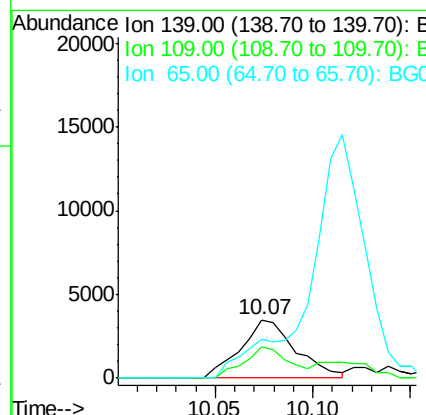
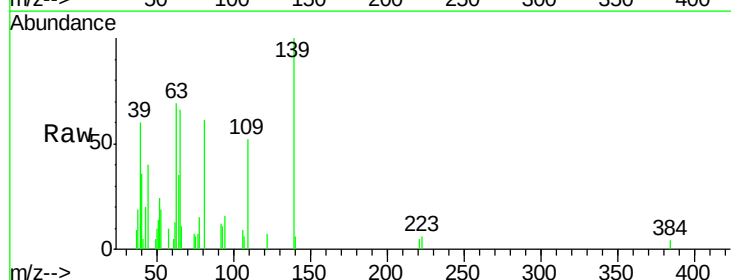
Manual Integrations
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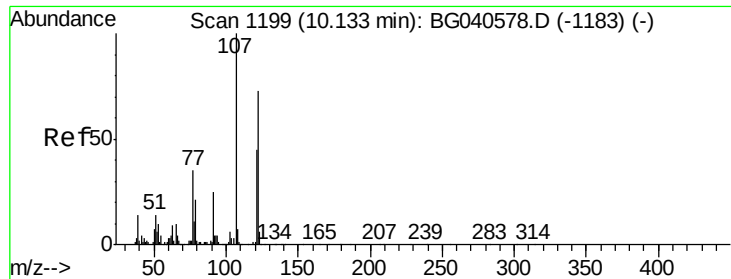
mohammad
5/15/2019 8:40:02 AM



#26
2-Nitrophenol
Concen: 4.432 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	6808		
109	52.4	35.6	53.4	
65	65.7	52.3	78.5	





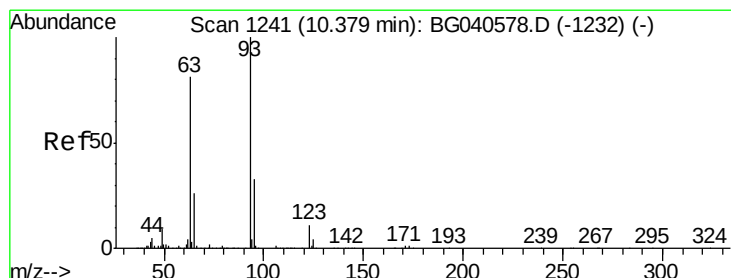
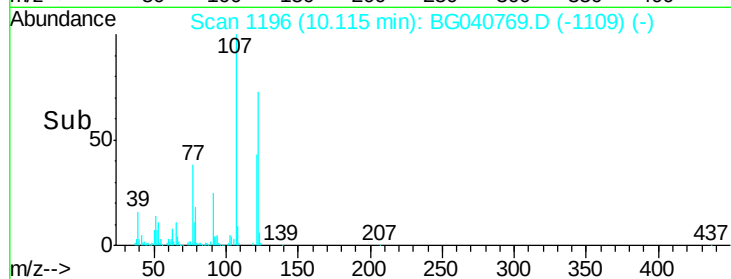
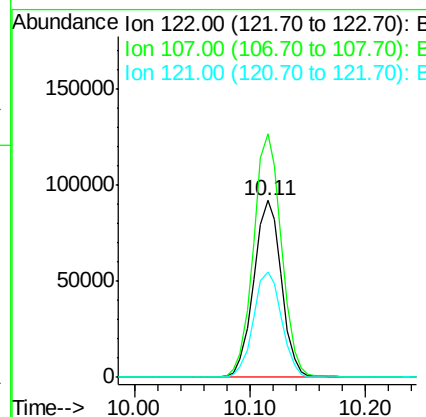
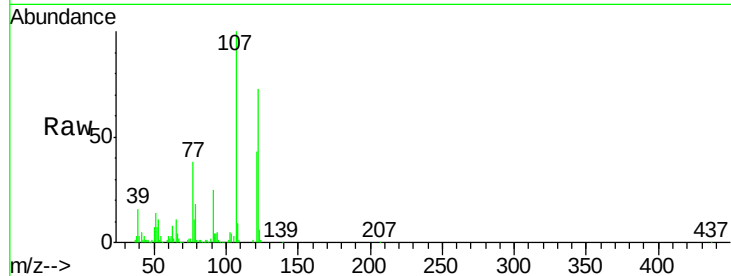
#27
 2,4-Dimethylphenol
 Concen: 53.414 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	153954		
107	137.7	110.1	165.1	
121	59.6	49.4	74.0	

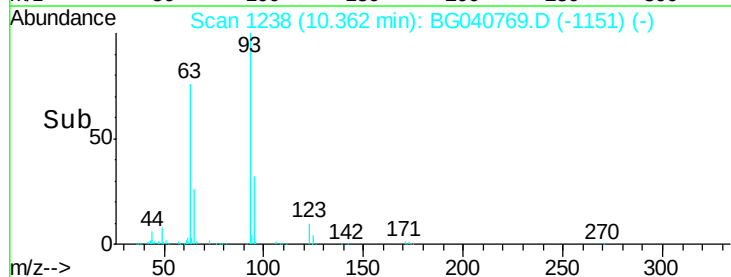
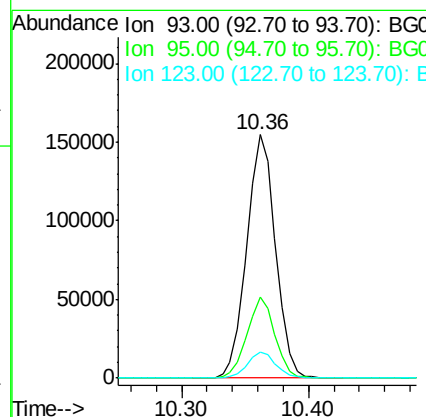
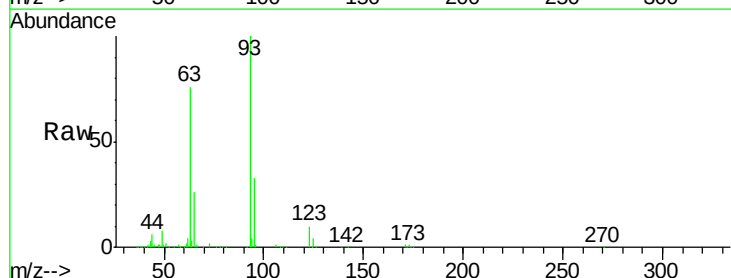
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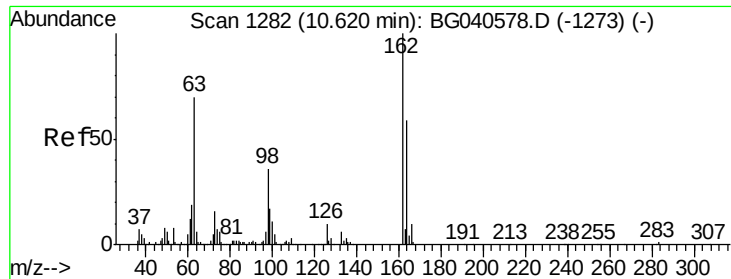
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.198 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	243289		
95	33.1	26.6	40.0	
123	10.5	9.0	13.4	





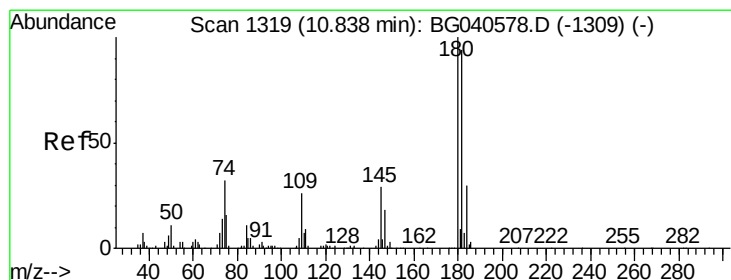
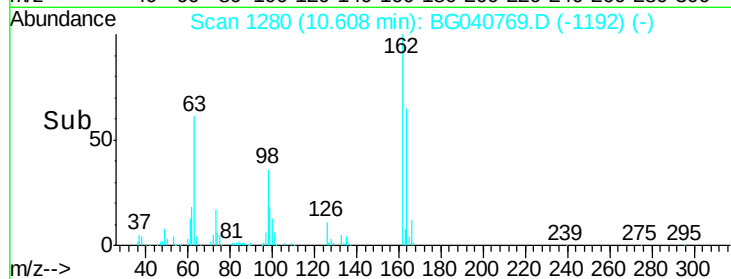
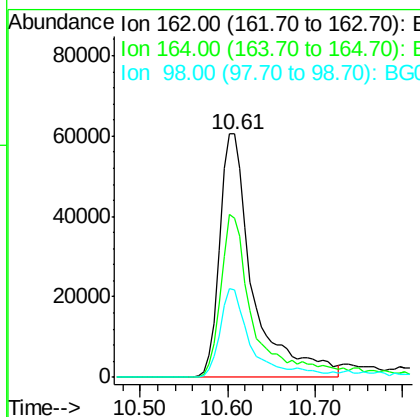
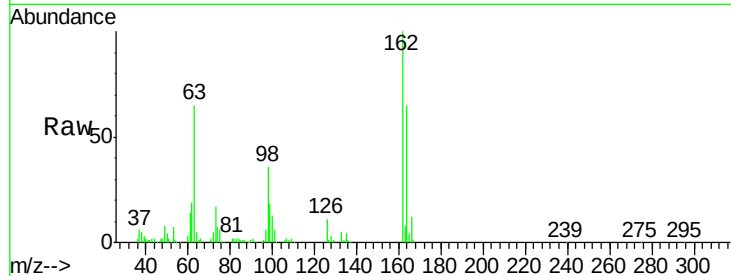
#29
2,4-Dichlorophenol
Concen: 48.749 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	159738		
164	65.2	38.9	78.9	
98	36.0	16.8	56.8	

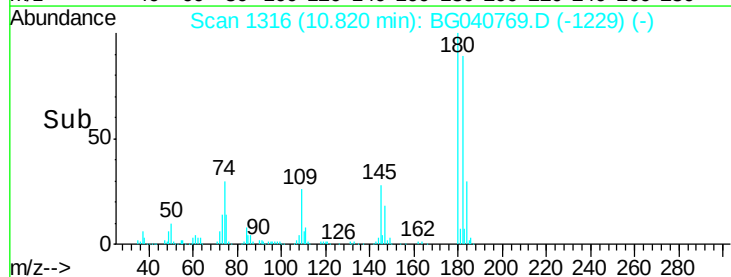
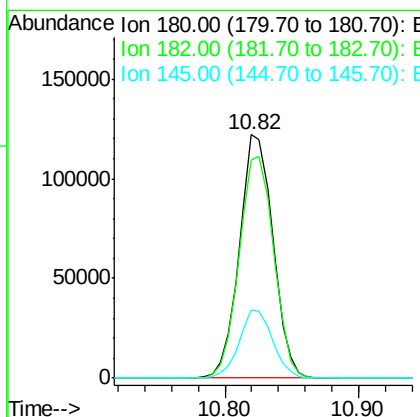
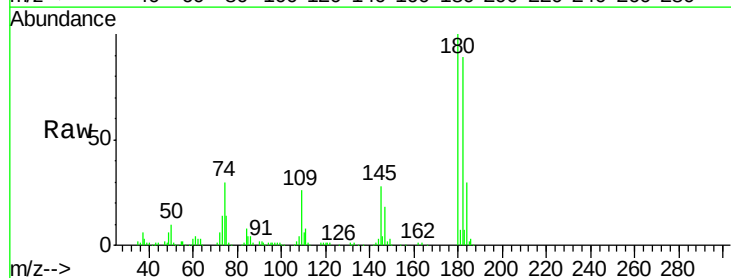
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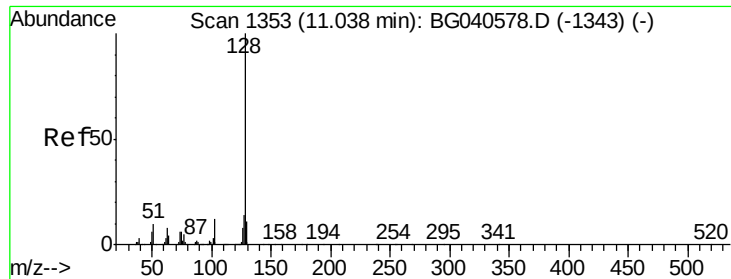
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#30
1,2,4-Trichlorobenzene
Concen: 58.419 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212279		
182	89.3	75.2	112.8	
145	28.0	23.6	35.4	





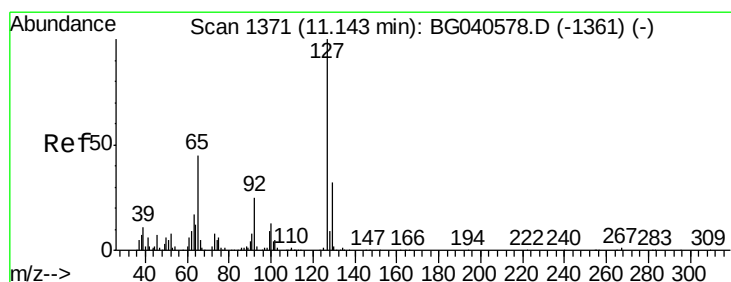
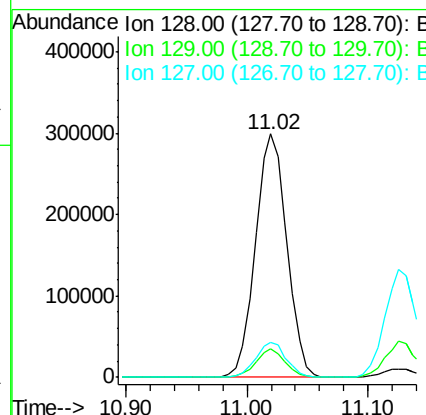
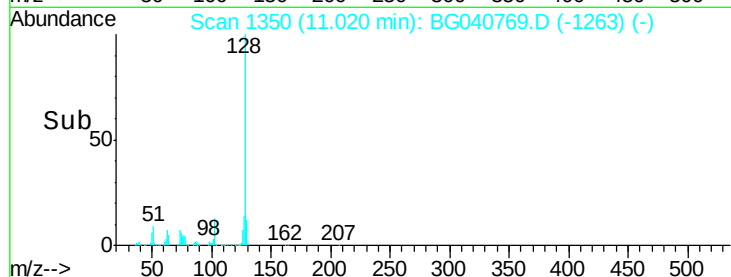
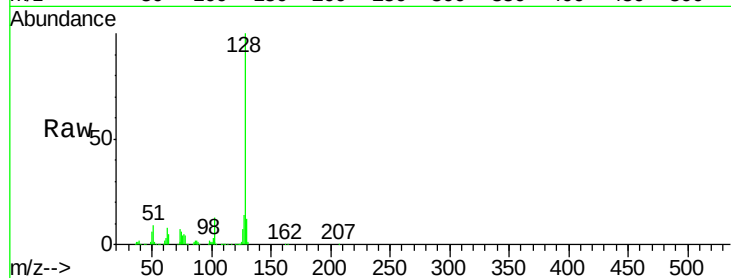
#31
Naphthalene
Concen: 54.497 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.0	13.6	
127	14.3	11.3	16.9	

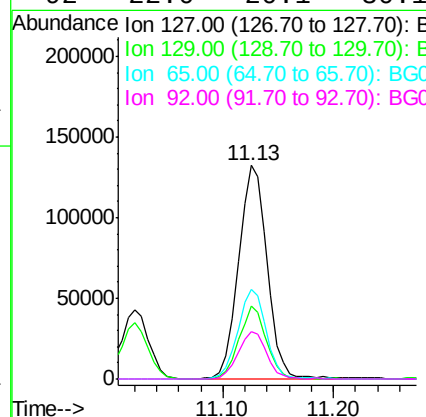
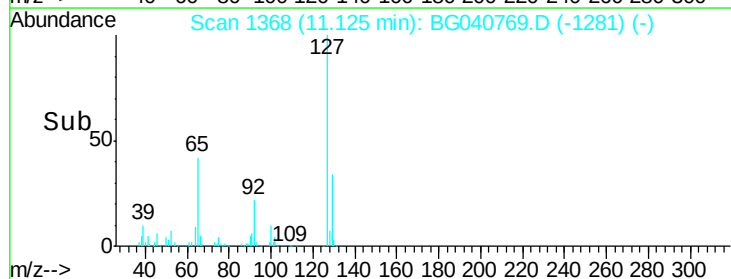
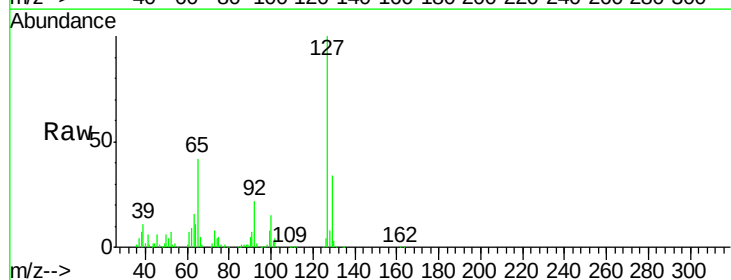
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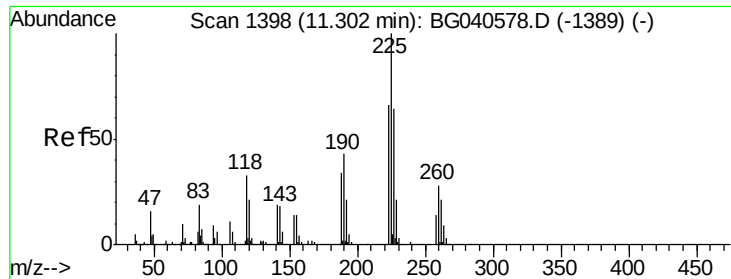
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#33
4-Chloroaniline
Concen: 54.718 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.9	25.7	38.5	
65	42.1	36.1	54.1	
92	22.0	20.1	30.1	





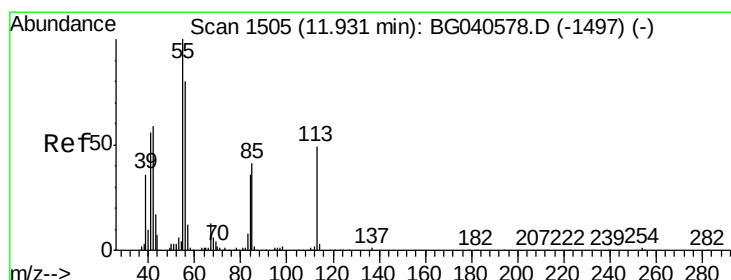
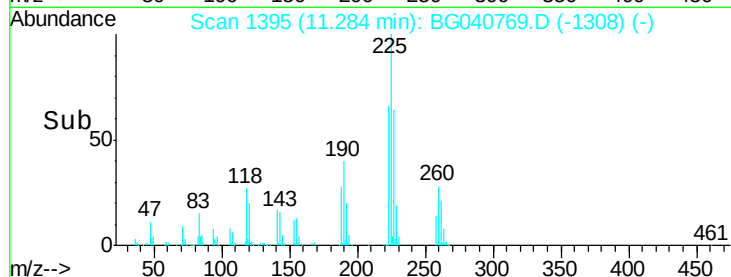
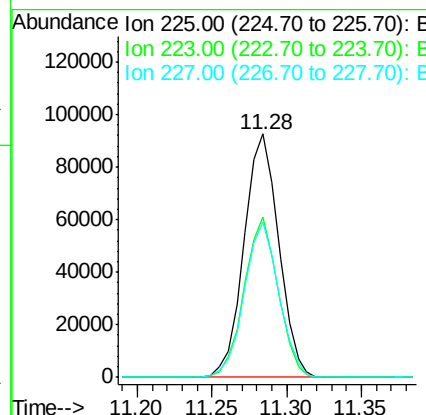
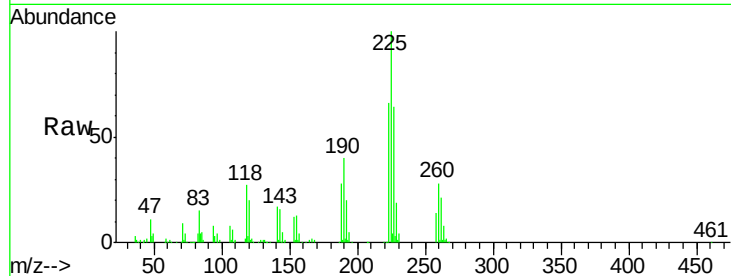
#34
Hexachlorobutadiene
Concen: 55.685 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.4	75.6
227	64.0	51.0	76.6

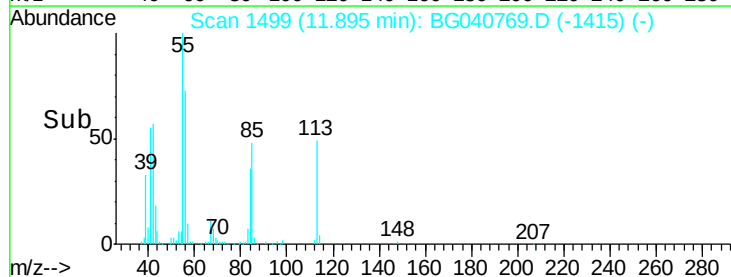
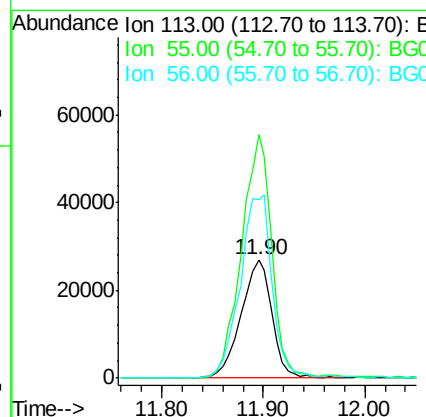
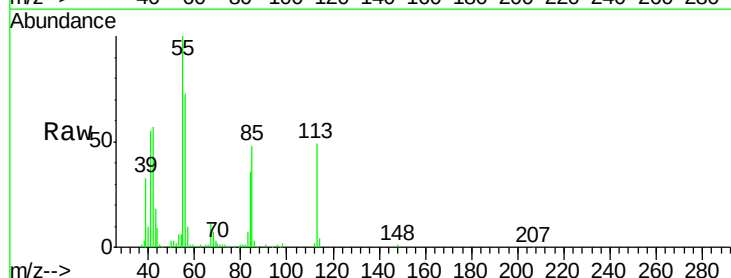
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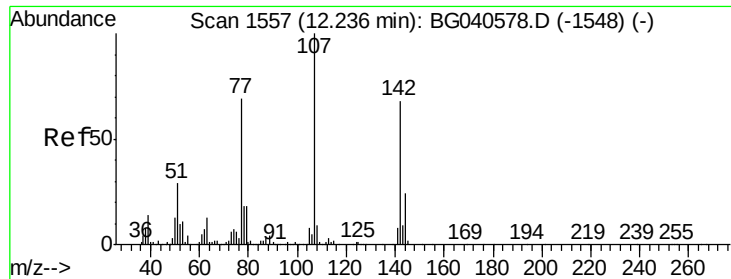
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#35
Caprolactam
Concen: 44.022 ng
RT: 11.90 min Scan# 1499
Delta R.T. -0.04 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
113	100		
55	205.4	198.6	238.6
56	150.6	148.4	188.4





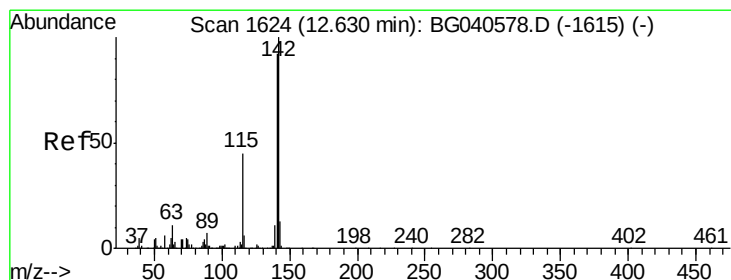
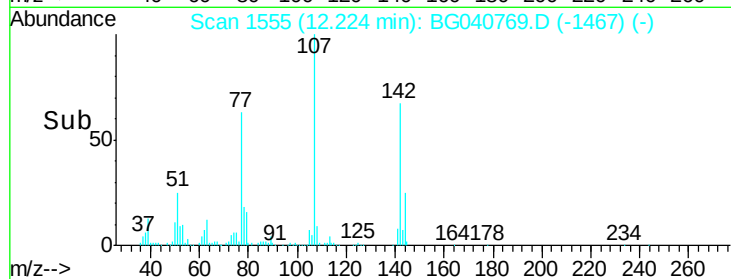
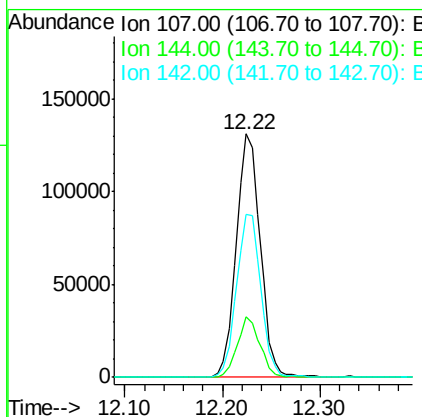
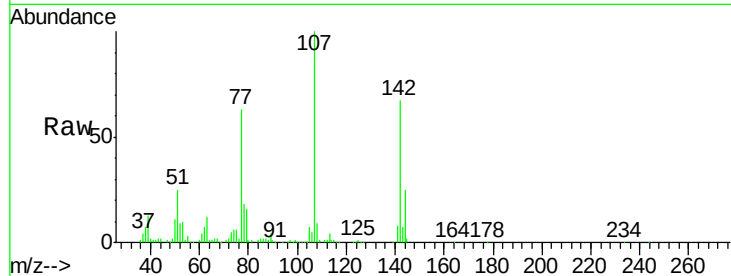
#36
 4-Chloro-3-methylphenol
 Concen: 54.218 ng
 RT: 12.22 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	224122		
144	24.7	19.3	28.9	
142	67.0	54.6	81.8	

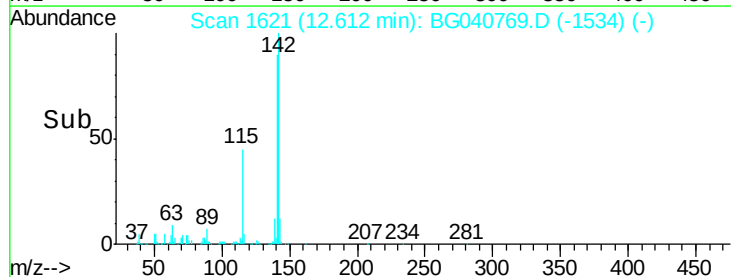
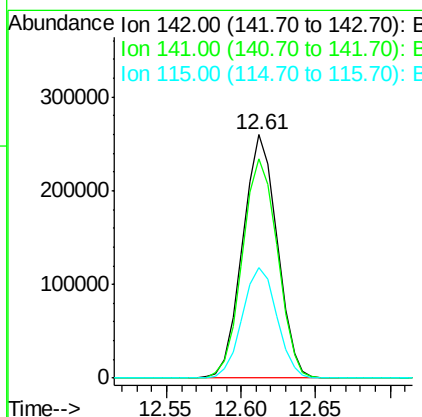
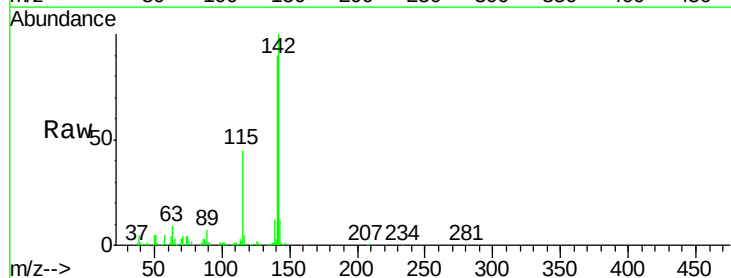
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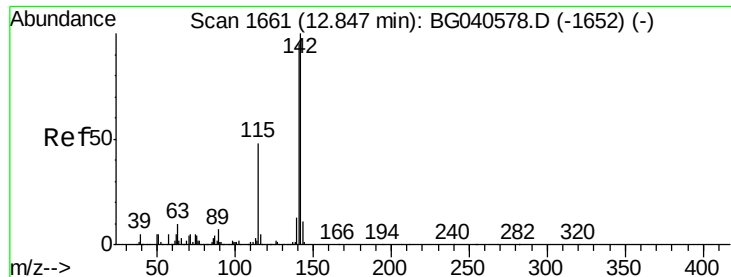
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#37
 2-Methylnaphthalene
 Concen: 56.493 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	416468		
141	89.9	73.4	110.2	
115	45.1	36.2	54.4	





#38

1-Methylnaphthalene

Concen: 55.084 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

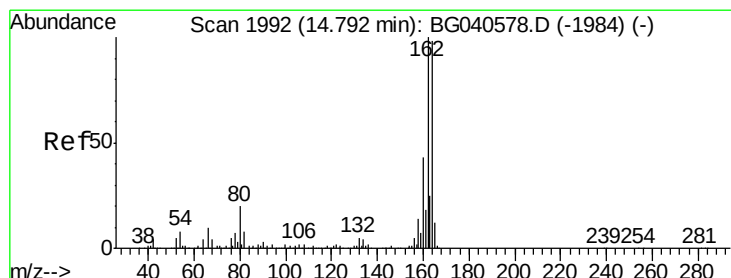
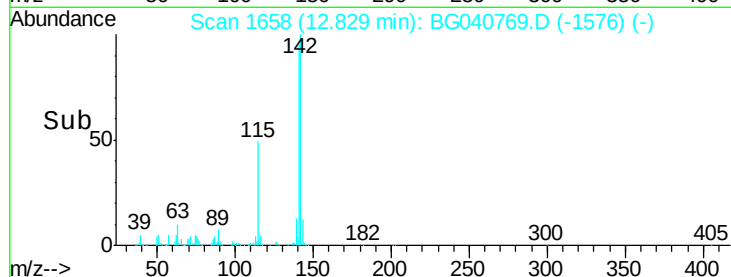
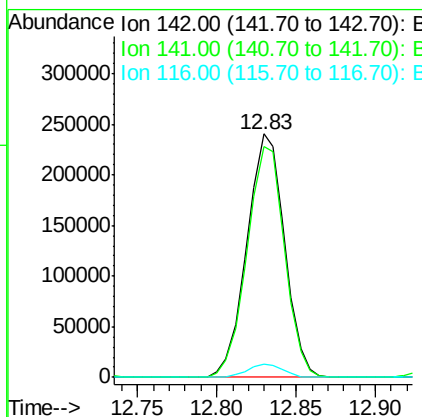
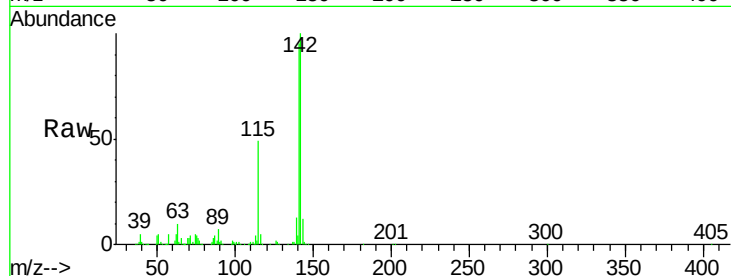
ClientSampleId :

SV28545LMSD

Tot Ion:	142	Resp:	396923
Ion Ratio		Lower	Upper
142	100		
141	94.9	75.9	113.9
116	5.3	4.2	6.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

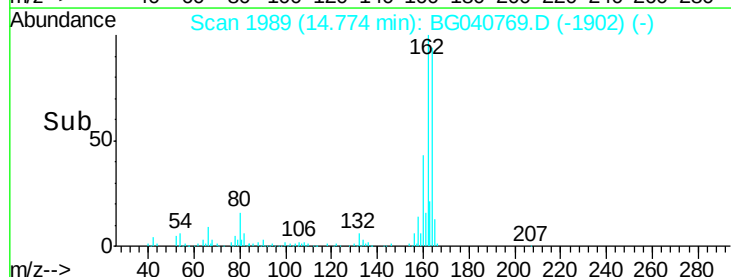
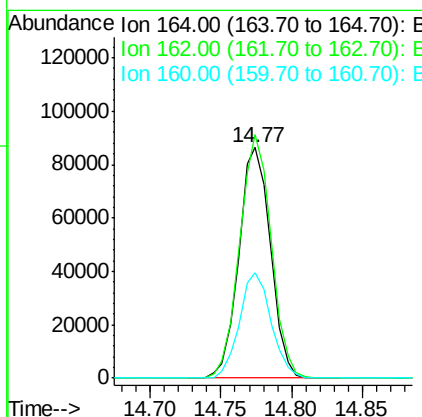
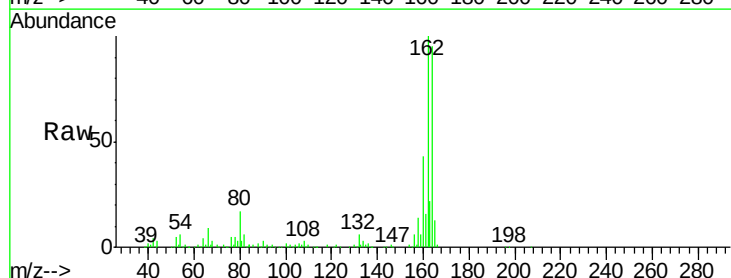
RT: 14.77 min Scan# 1989

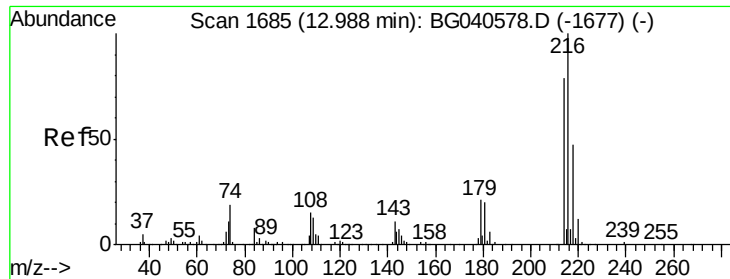
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	164	Resp:	135432
Ion Ratio		Lower	Upper
164	100		
162	105.6	81.9	122.9
160	45.6	35.4	53.2





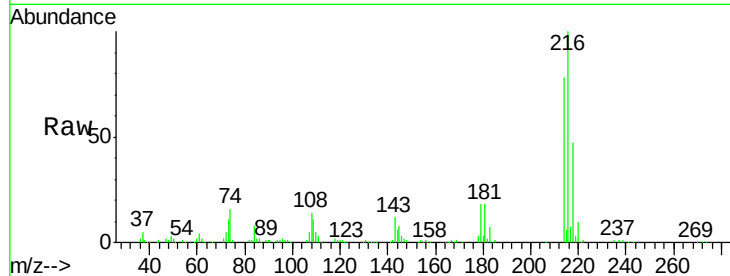
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.153 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

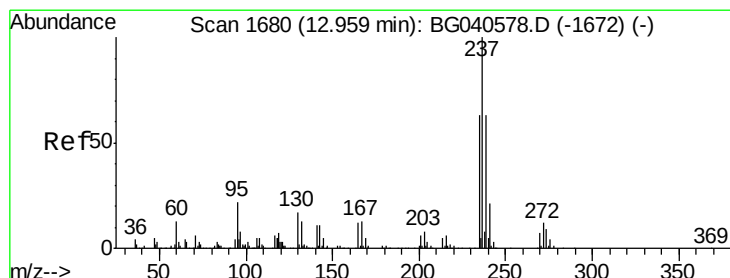
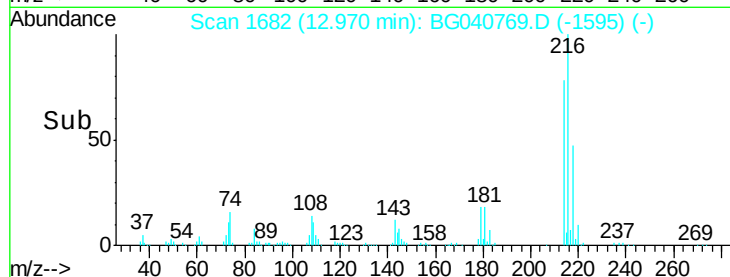
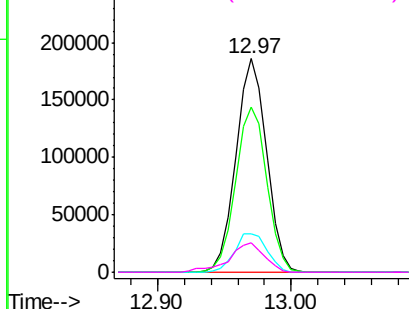
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		293391		
214	79.2	63.7	95.5		
179	19.4	16.6	24.8		
108	16.2	14.7	22.1		

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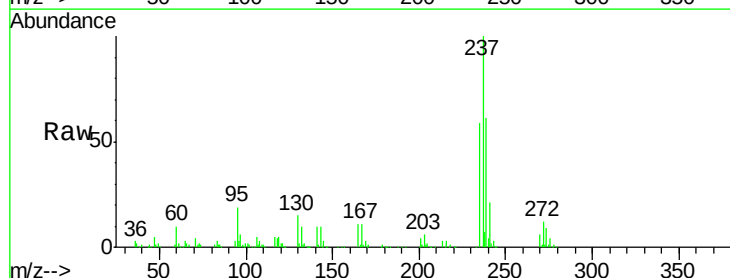


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

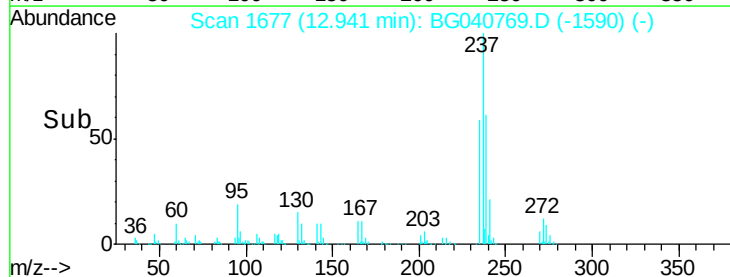
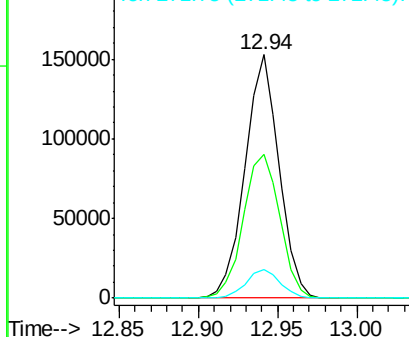


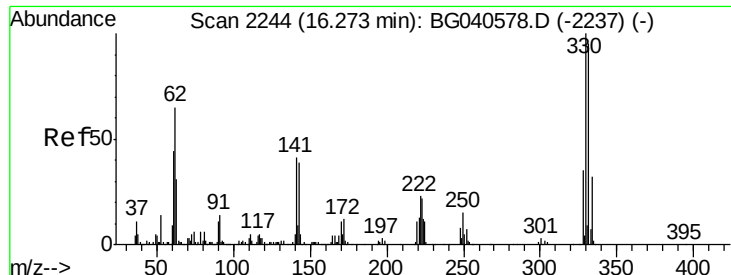
#41
 Hexachlorocyclopentadiene
 Concen: 76.239 ng
 RT: 12.94 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		226969		
235	59.2	42.5	82.5		
272	11.6	0.0	31.6		



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: 2.583 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

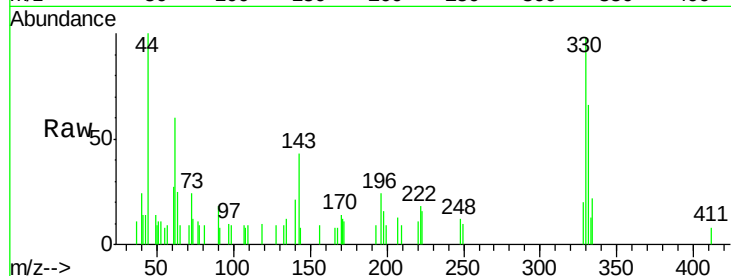
ClientSampleId :

SV28545LMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	84.5	75.9	113.9
141	0.0	32.4	48.6

Manual Integrations
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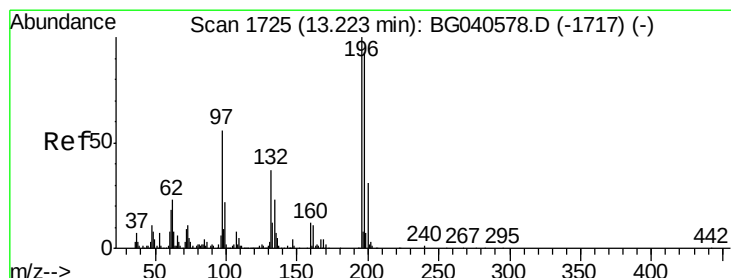
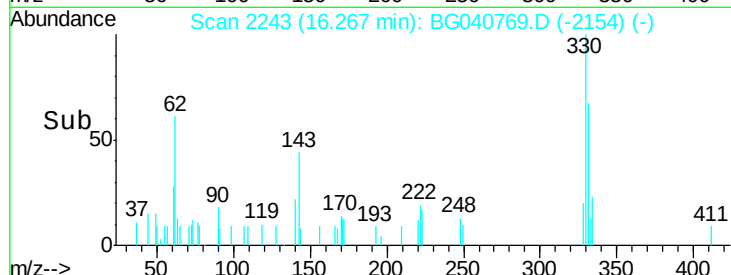
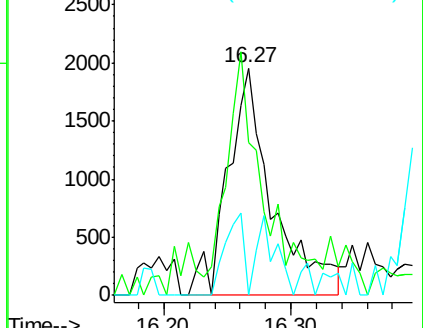
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 1.146 ng m

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG040769.D

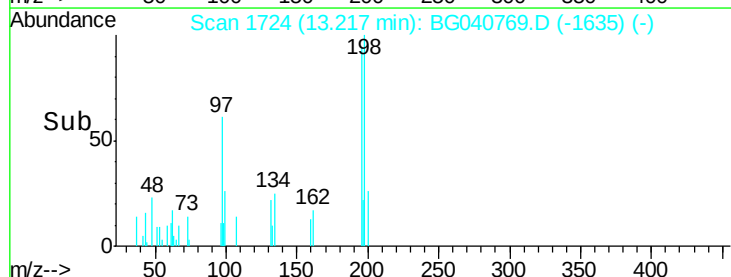
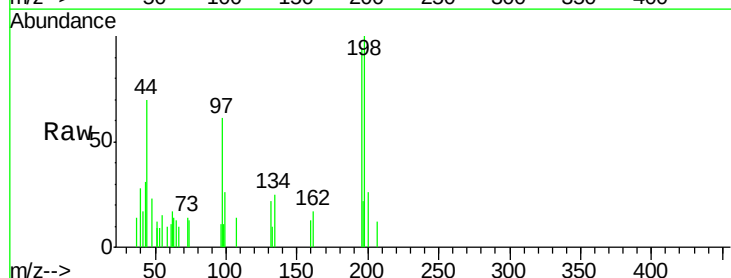
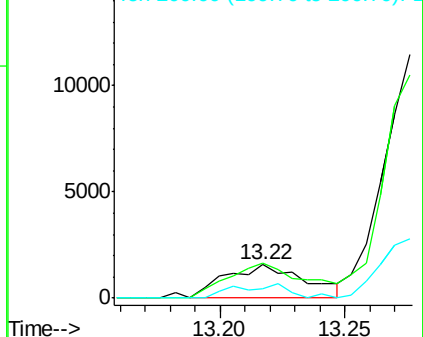
Acq: 7 May 2019 14:41

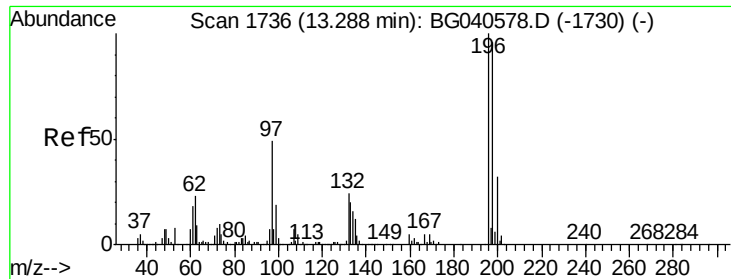
Tgt Ion	Ratio	Lower	Upper
196	100		
198	106.3	74.8	112.2
200	27.8	24.9	37.3

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





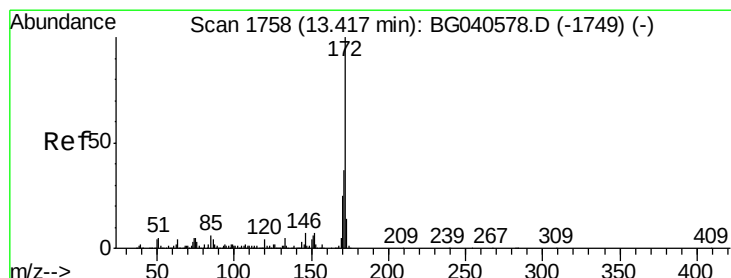
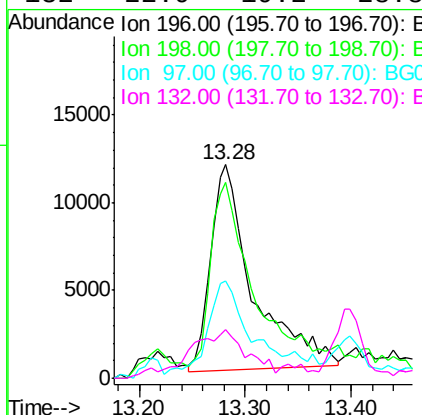
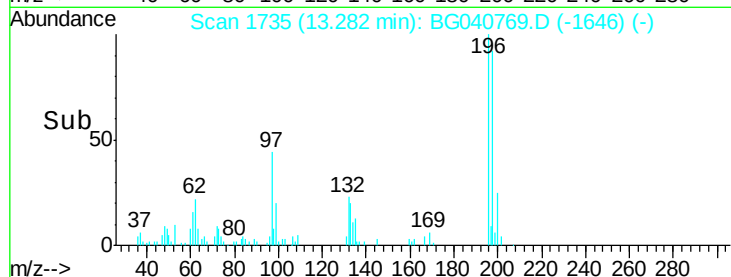
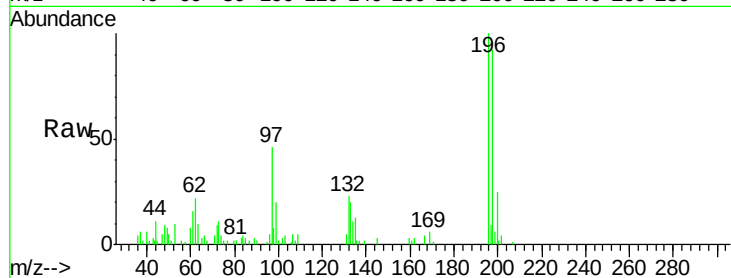
#44
2,4,5-Trichlorophenol
Concen: 9.994 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:	196	Resp:	33194
Ion Ratio	Lower	Upper	
196	100		
198	91.9	77.0	115.6
97	45.7	40.0	60.0
132	22.9	19.2	28.8

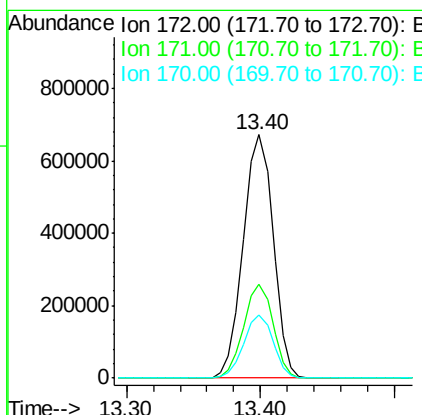
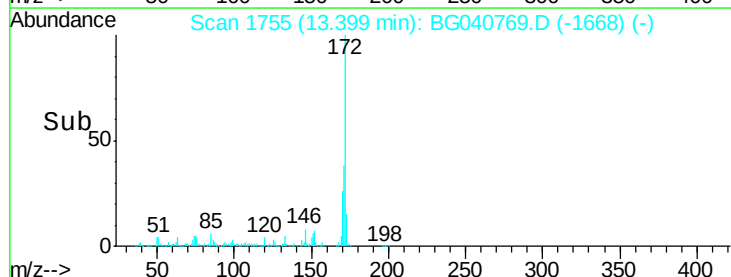
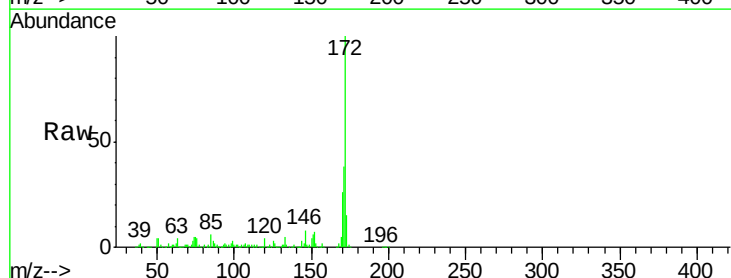
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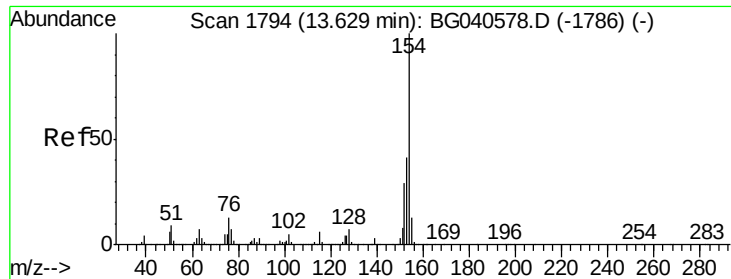
mohammad
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#45
2-Fluorobiphenyl
Concen: 111.095 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:	172	Resp:	1041807
Ion Ratio	Lower	Upper	
172	100		
171	38.3	29.4	44.2
170	26.0	19.9	29.9





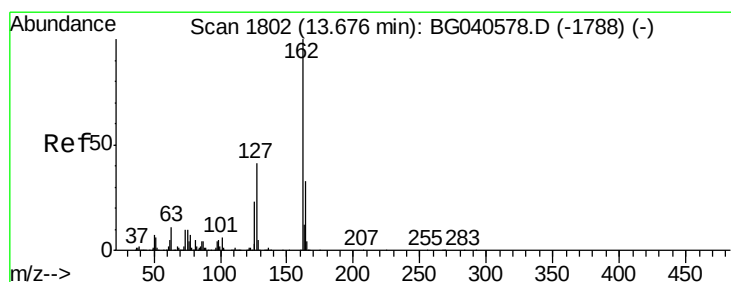
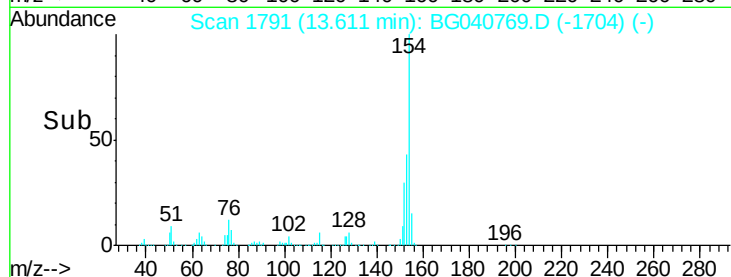
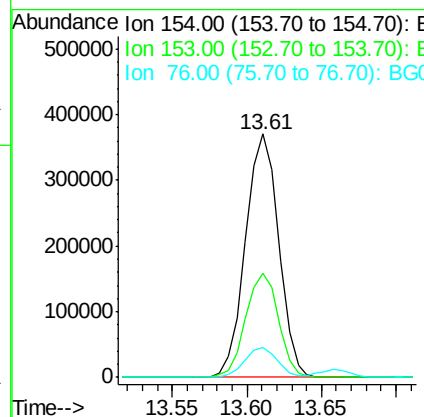
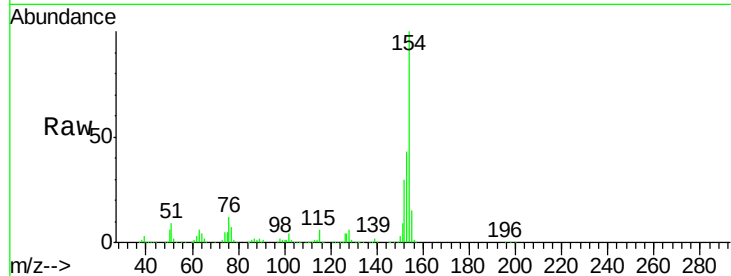
#46
 1,1'-Biphenyl
 Concen: 54.094 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	43.0	20.5	60.5
76	12.2	0.0	32.5

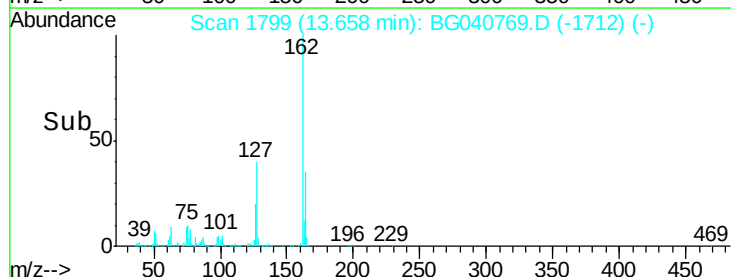
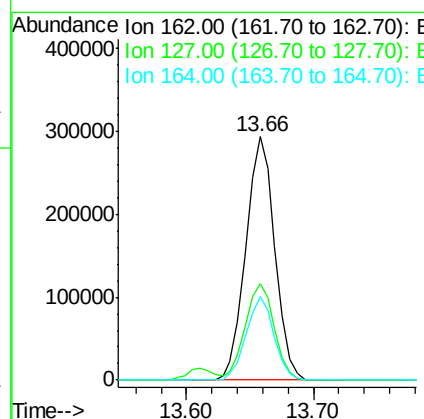
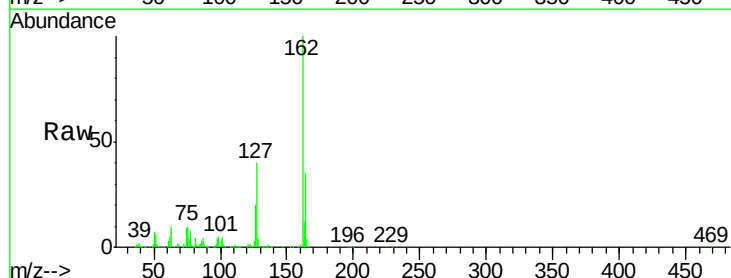
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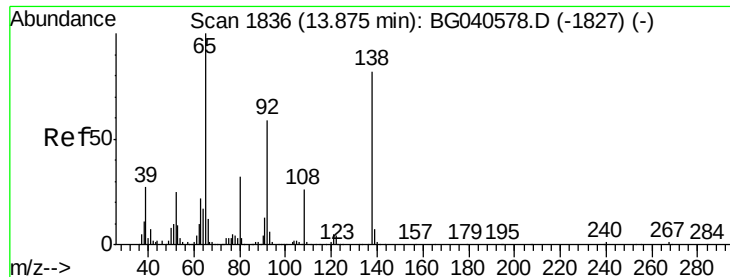
mohammad
 5/15/2019 8:40:02 AM



#47
 2-Chloronaphthalene
 Concen: 56.345 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.6	33.0	49.4
164	34.5	26.8	40.2





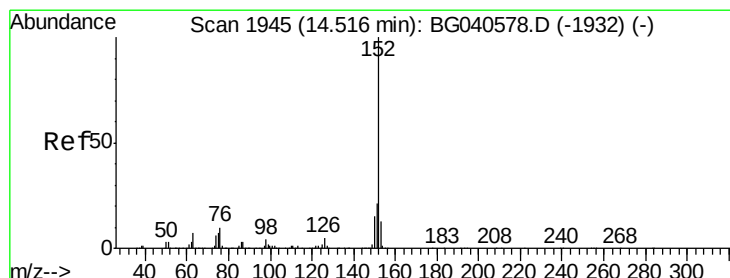
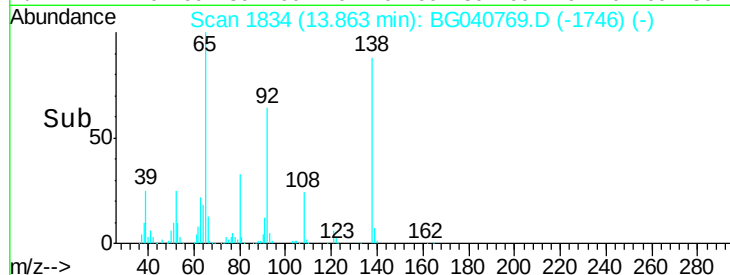
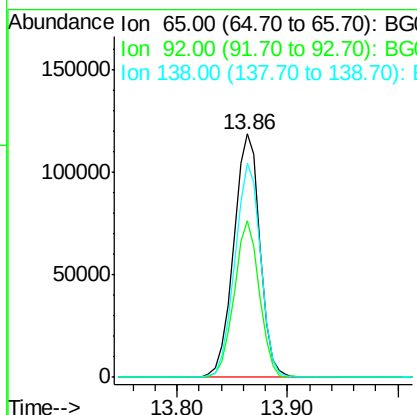
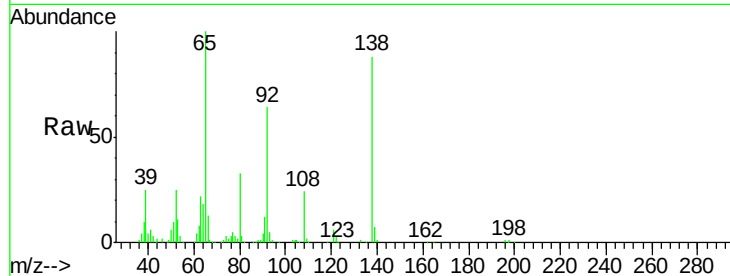
#48
 2-Nitroaniline
 Concen: 67.573 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	47.4	71.0
138	87.8	66.1	99.1

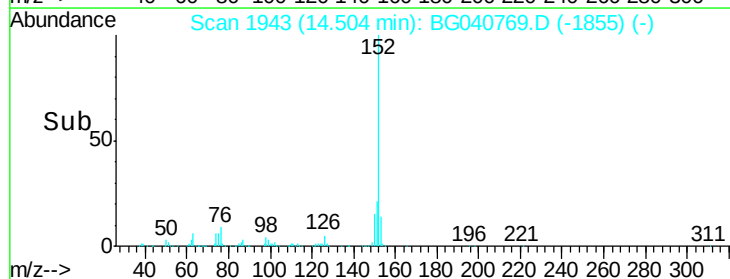
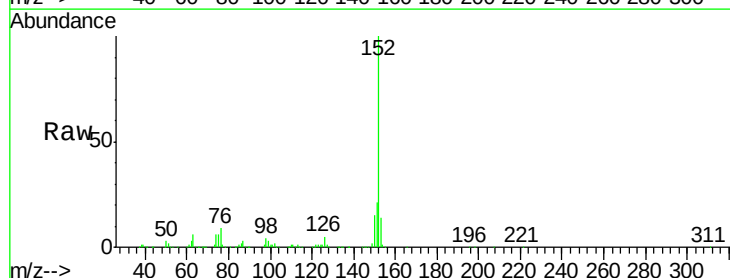
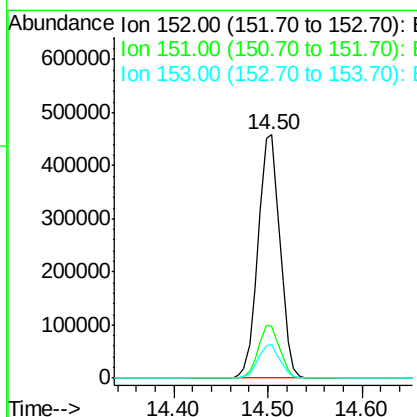
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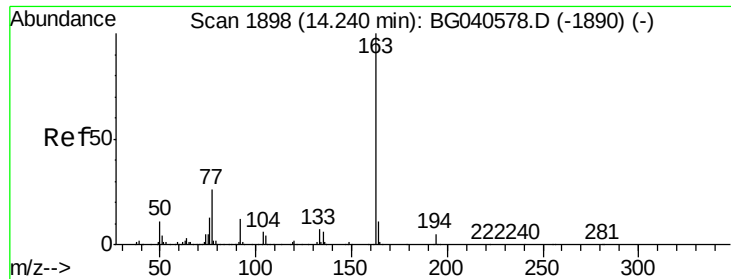
mohammad
 5/15/2019 8:40:02 AM



#49
 Acenaphthylene
 Concen: 53.024 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.8	10.7	16.1





#50

Dimethylphthalate

Concen: 58.343 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

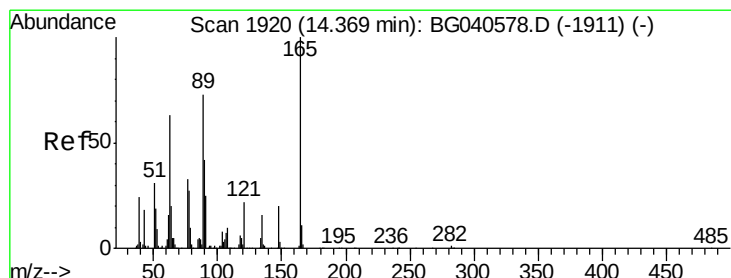
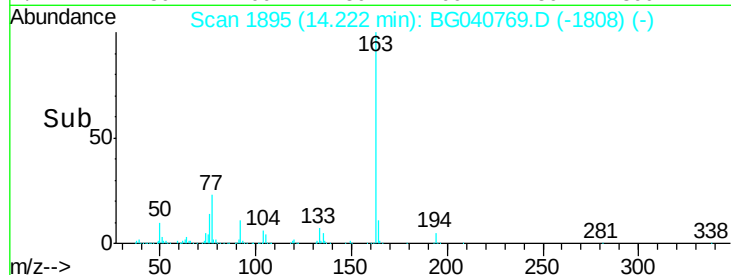
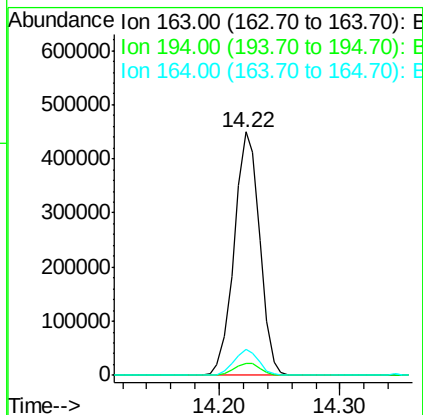
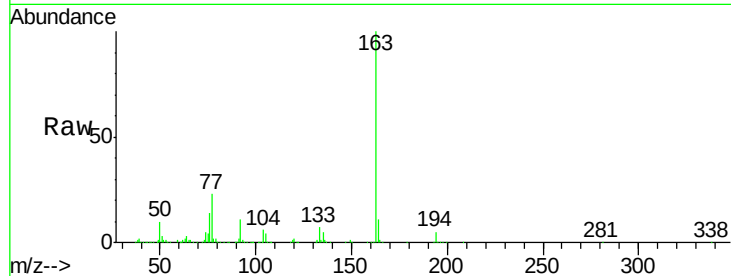
ClientSampleId :

SV28545LMSD

Tot Ion:	163	Resp:	661098
Ion Ratio		Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.5	8.8	13.2

Manual Integrations
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#51

2,6-Dinitrotoluene

Concen: 64.494 ng

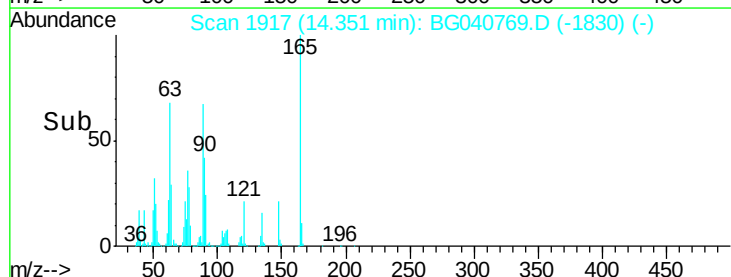
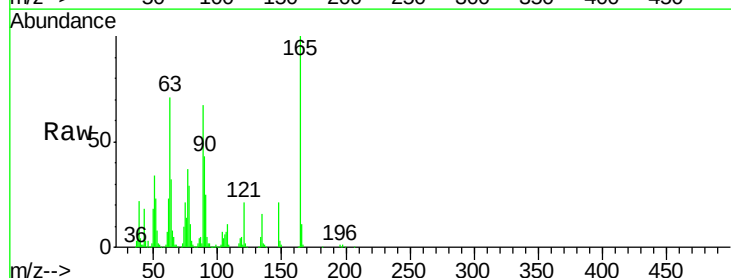
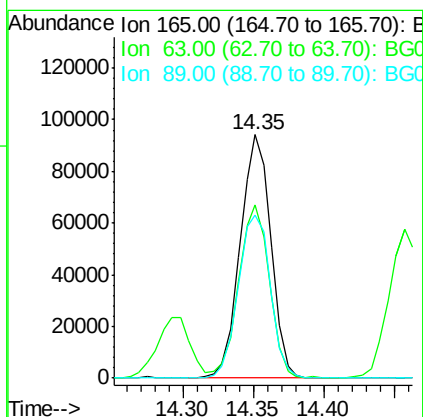
RT: 14.35 min Scan# 1917

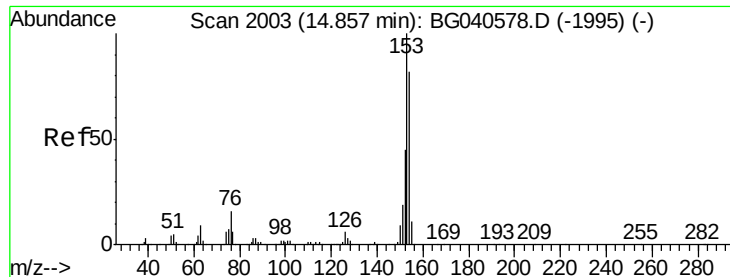
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	165	Resp:	142631
Ion Ratio		Lower	Upper
165	100		
63	71.3	61.0	91.4
89	67.1	58.6	87.8





#52

Acenaphthene

Concen: 53.549 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

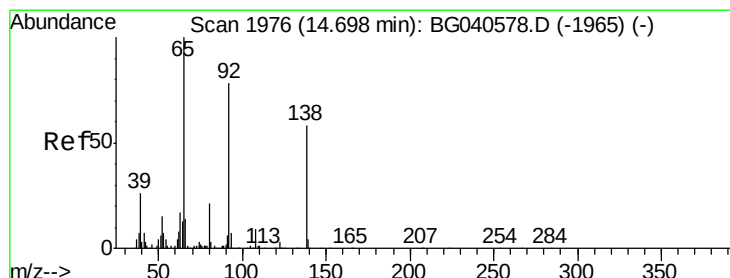
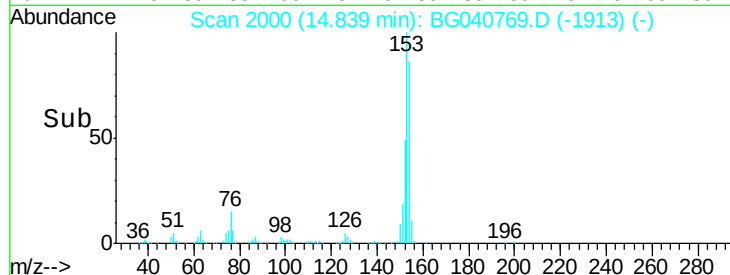
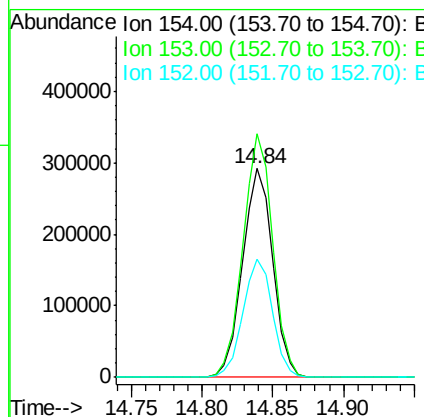
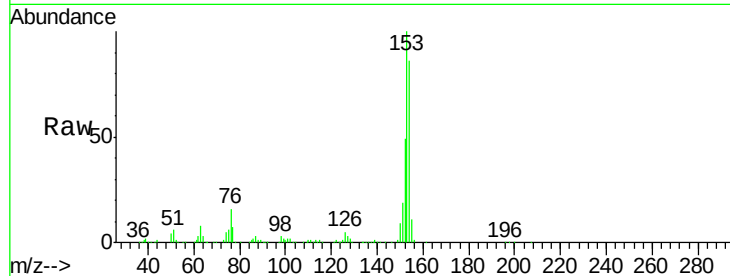
ClientSampleId :

SV28545LMSD

Tot Ion:	154	Resp:	435384
Ion Ratio	Lower	Upper	
154	100		
153	116.7	97.0	145.6
152	56.6	44.1	66.1

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#53

3-Nitroaniline

Concen: 63.471 ng

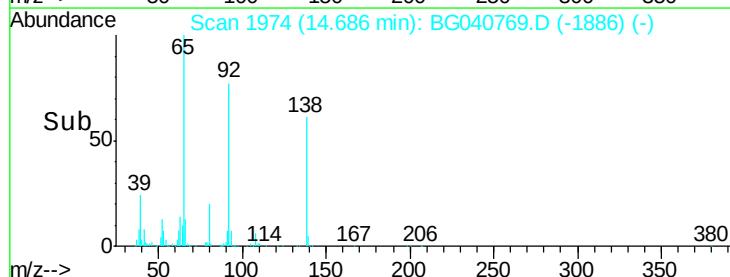
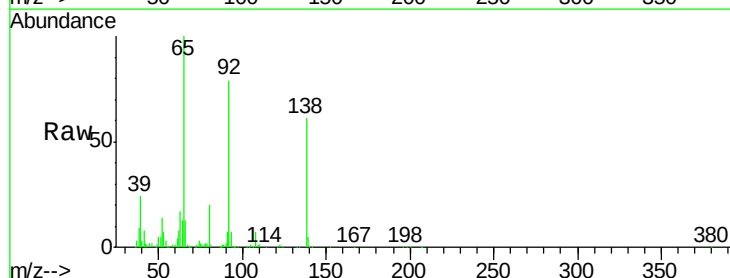
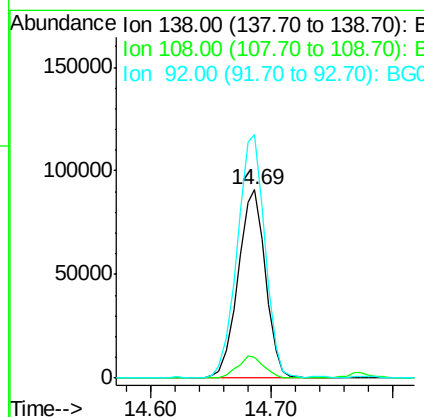
RT: 14.69 min Scan# 1974

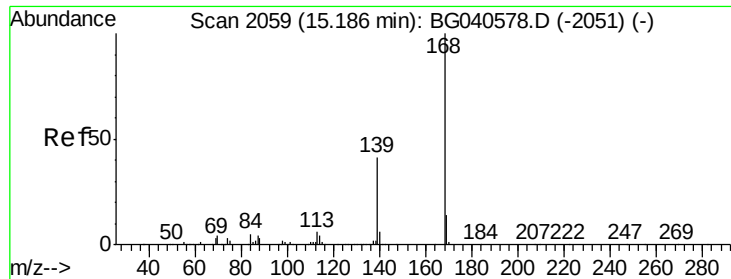
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	138	Resp:	143824
Ion Ratio	Lower	Upper	
138	100		
108	11.2	12.4	18.6#
92	129.5	108.6	162.8





#55

Dibenzenofuran

Concen: 58.146 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

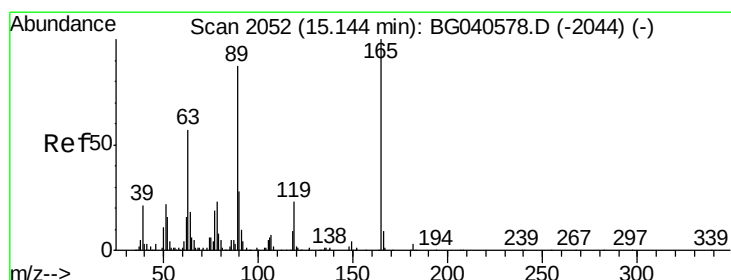
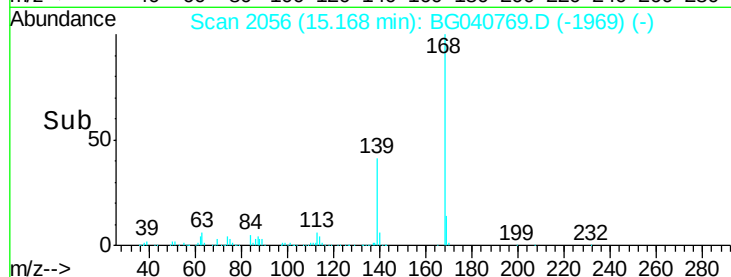
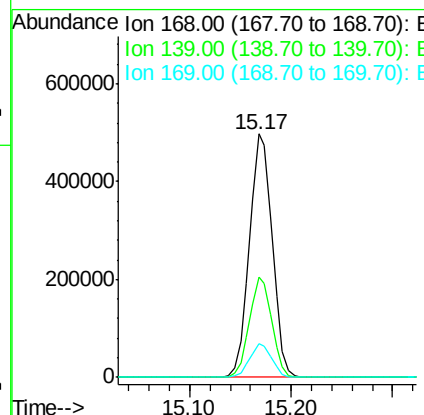
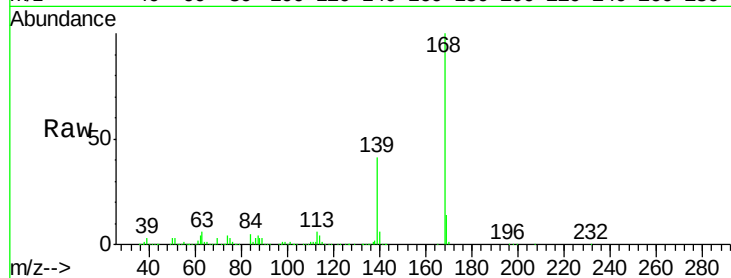
ClientSampleId :

SV28545LMSD

Tot Ion:	168	Resp:	774349
Ion Ratio	Lower	Upper	
168	100		
139	41.0	33.0	49.4
169	14.0	11.0	16.4

Manual Integrations
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#57

2,4-Dinitrotoluene

Concen: 63.404 ng

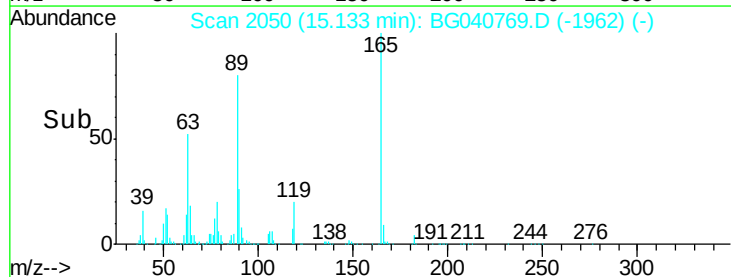
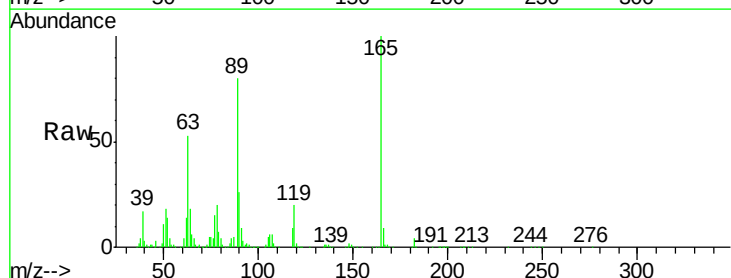
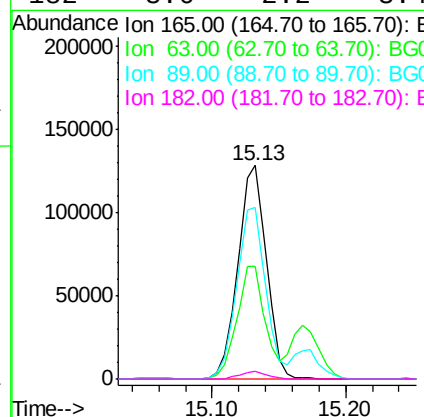
RT: 15.13 min Scan# 2050

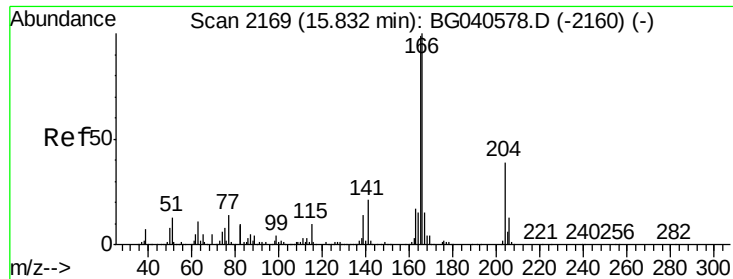
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	165	Resp:	190536
Ion Ratio	Lower	Upper	
165	100		
63	52.5	45.8	68.8
89	80.1	69.4	104.2
182	3.6	2.2	3.4#





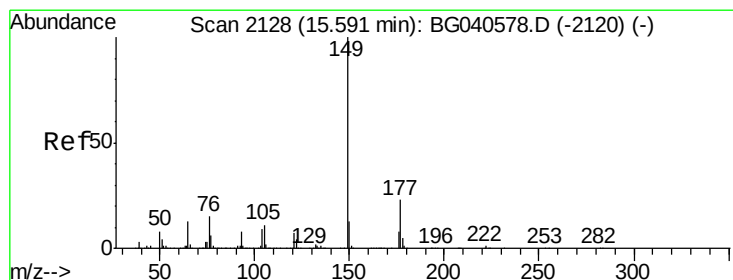
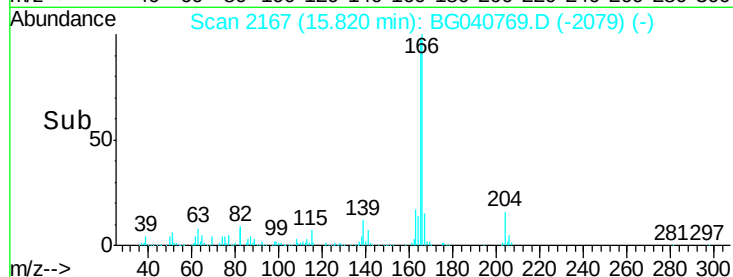
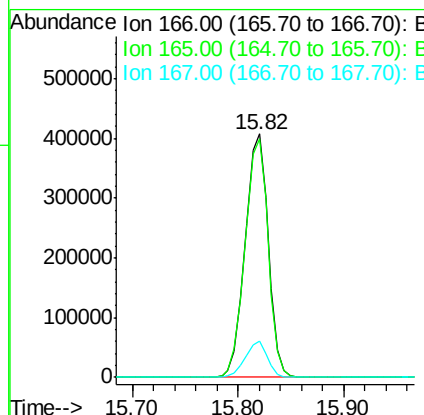
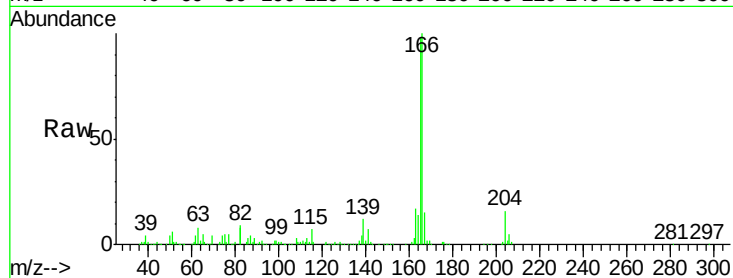
#58
 Fluorene
 Concen: 57.112 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.6	119.4
167	14.8	12.2	18.2

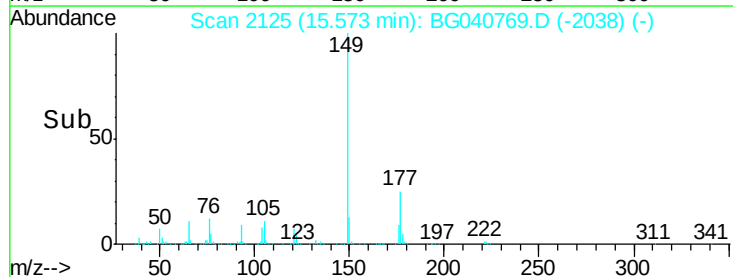
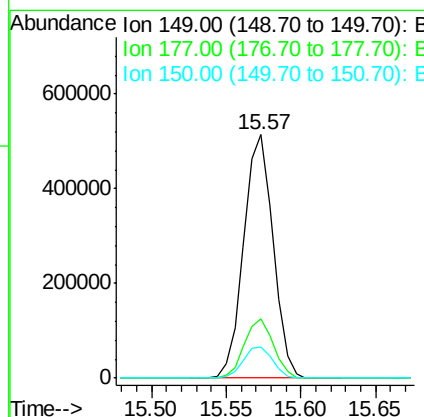
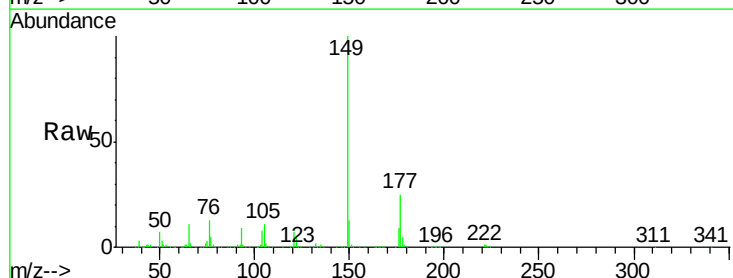
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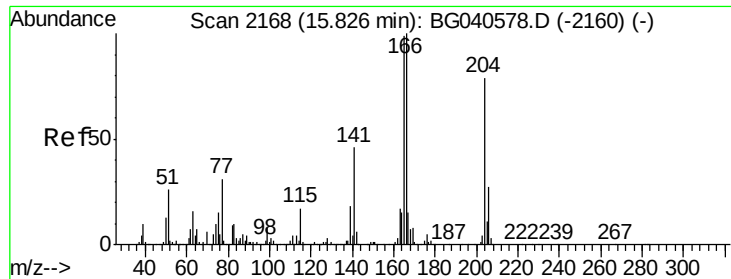
mohammad
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#60
 Diethylphthalate
 Concen: 58.528 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	12.9	10.2	15.4





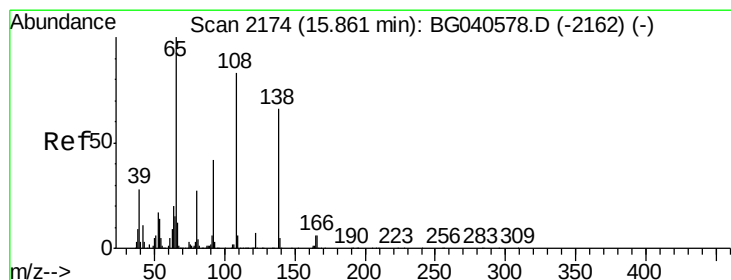
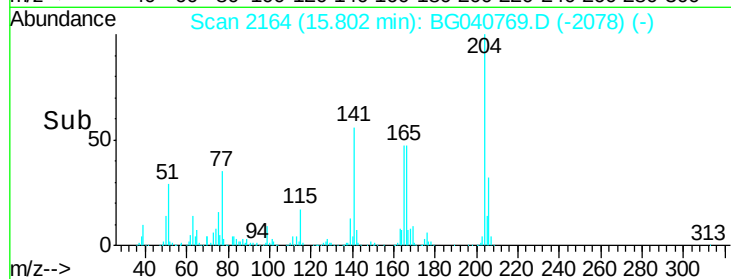
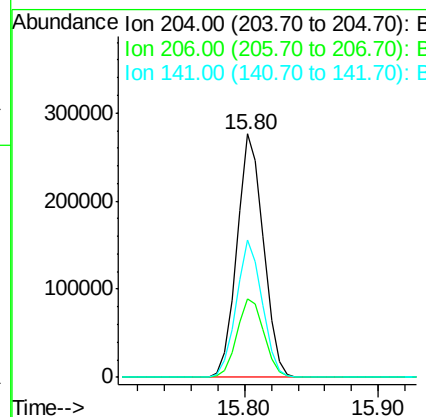
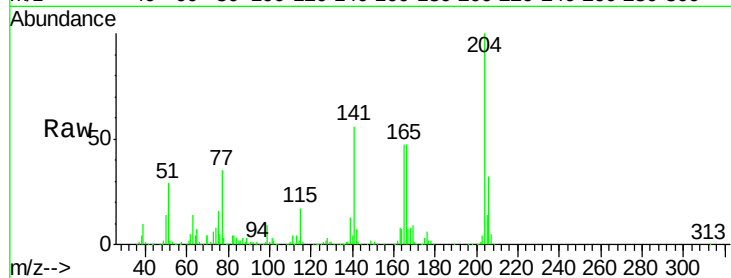
#61
4-Chlorophenyl-phenylether
Concen: 60.836 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	380855		
206	32.4		27.4	41.2
141	56.3		46.0	69.0

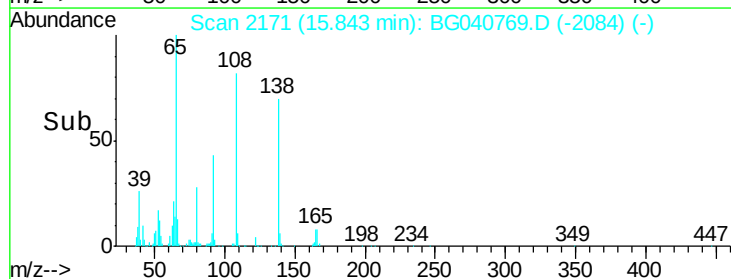
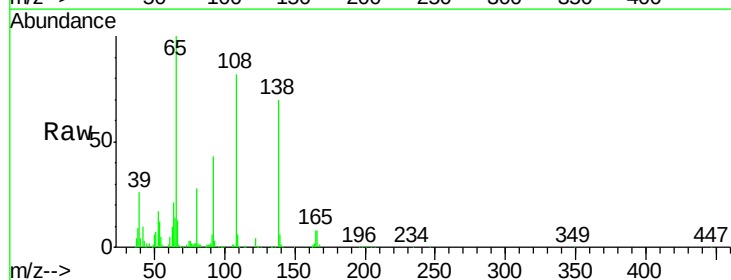
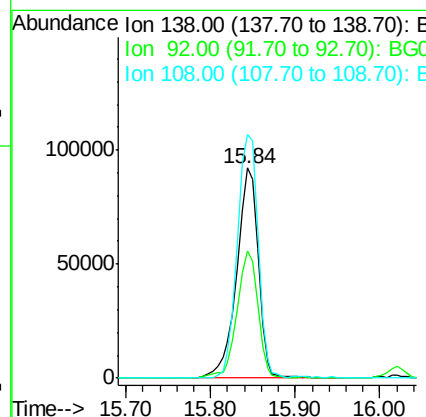
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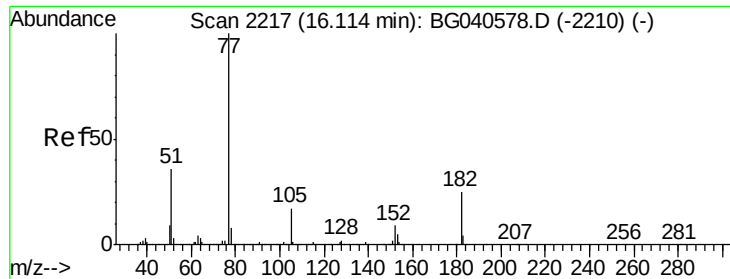
mohammad
5/15/2019 8:40:02 AM



#62
4-Nitroaniline
Concen: 63.605 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161224		
92	60.7		43.9	83.9
108	115.9		106.5	146.5





#63

Azobenzene

Concen: 53.327 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

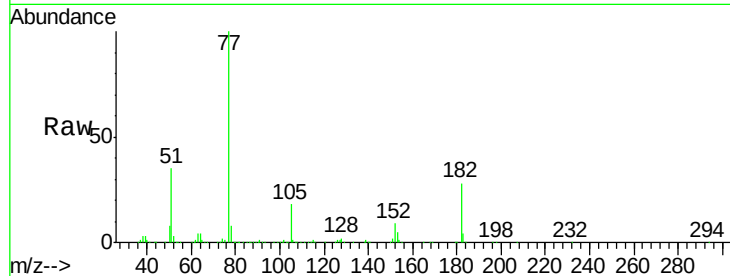
ClientSampleId :

SV28545LMSD

Tot Ion:	77	Resp:	656588
Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.0	45.0
105	17.6	0.0	37.6
51	35.3	16.3	56.3

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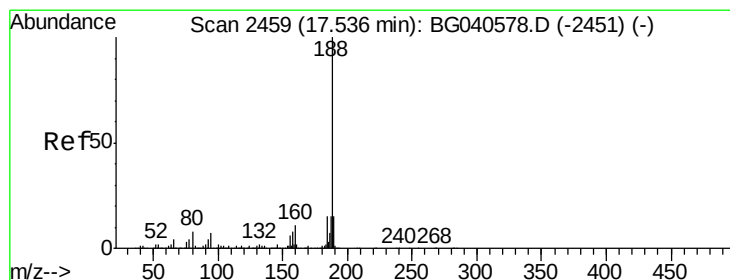
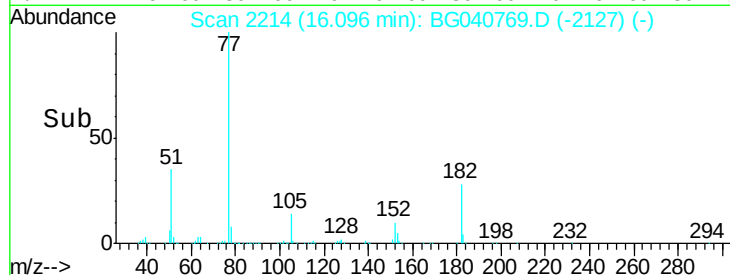
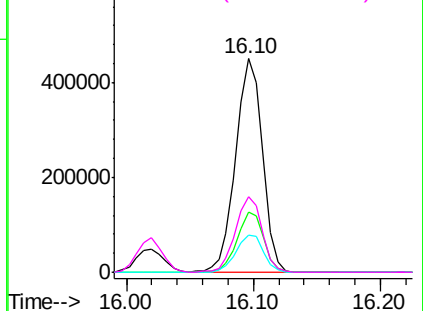


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

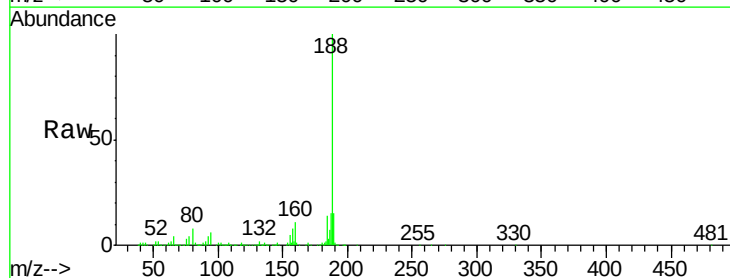
RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

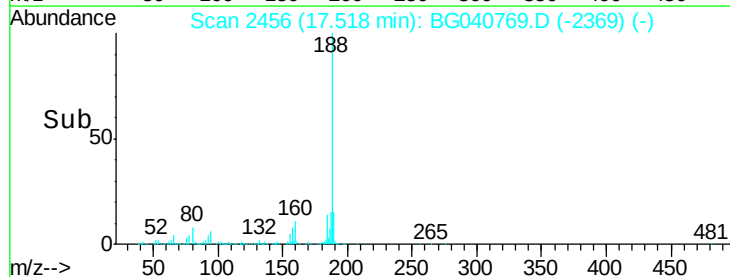
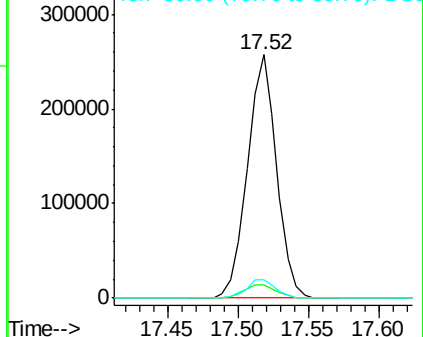
Tgt Ion:	188	Resp:	372071
Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4#
80	7.6	6.4	9.6

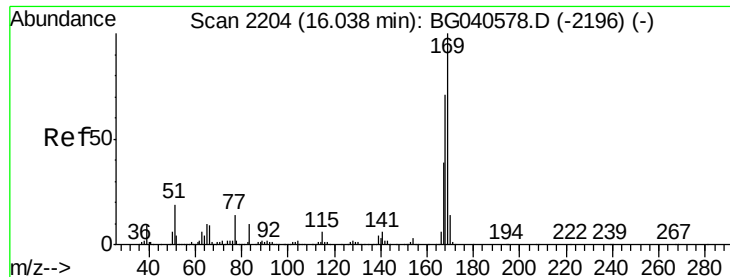


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





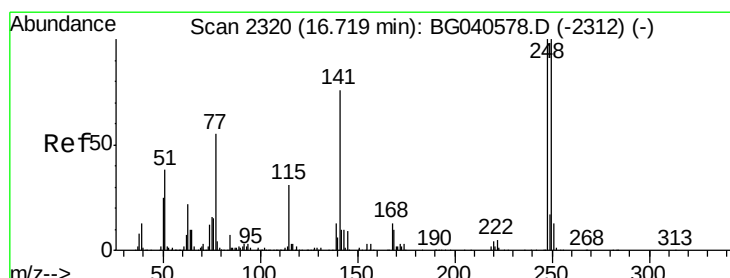
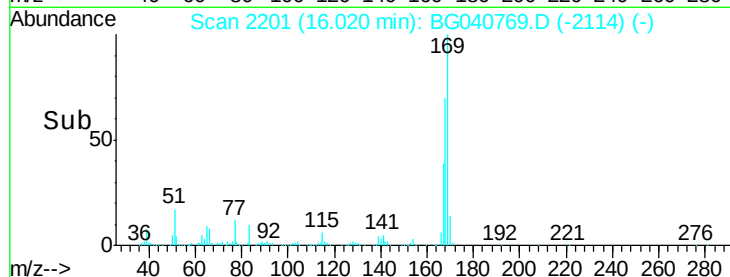
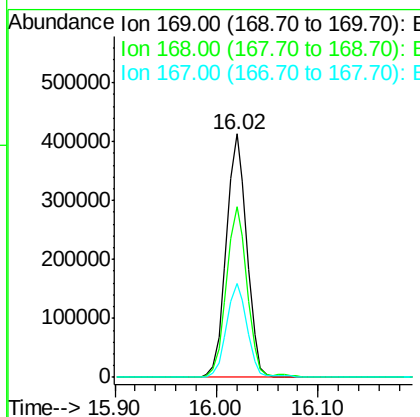
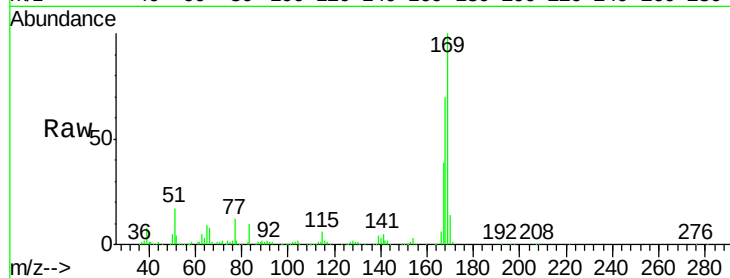
#66
 n-Nitrosodiphenylamine
 Concen: 52.903 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	579119		
168	70.3		56.8	85.2
167	38.7		31.4	47.0

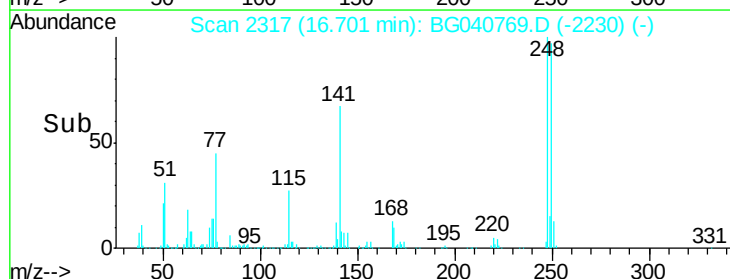
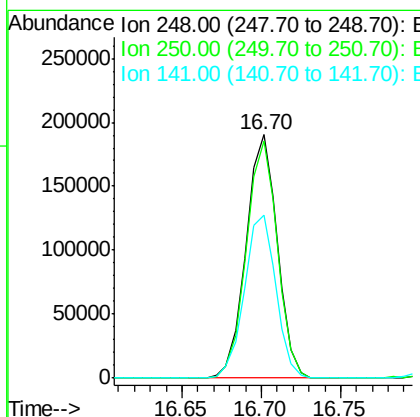
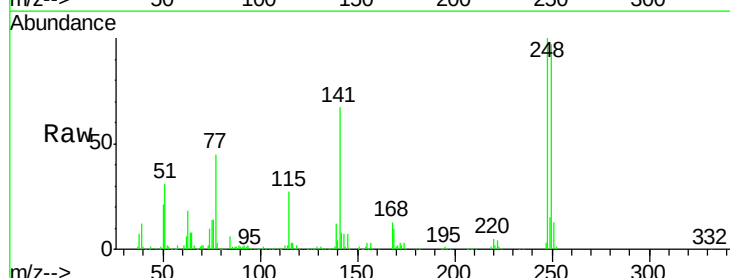
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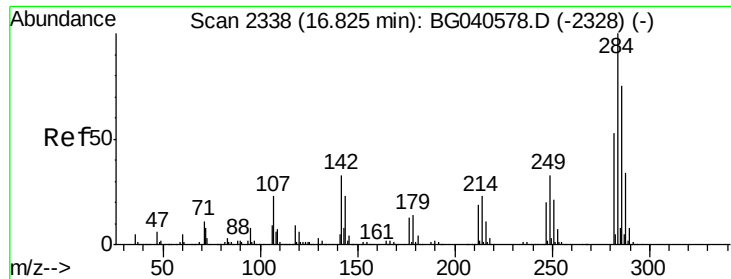
mohammad
 5/15/2019 8:40:02 AM



#67
 4-Bromophenyl-phenylether
 Concen: 56.070 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259909		
250	97.2		79.8	119.6
141	67.1		60.8	91.2





#68

Hexachlorobenzene

Concen: 55.511 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

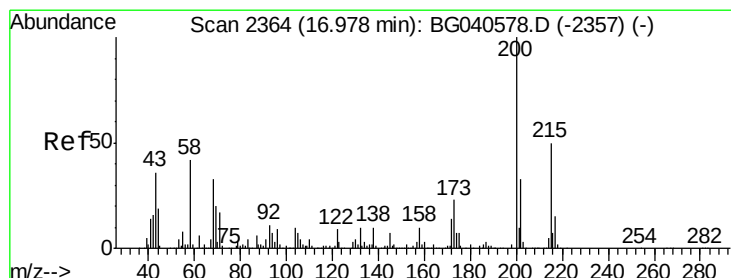
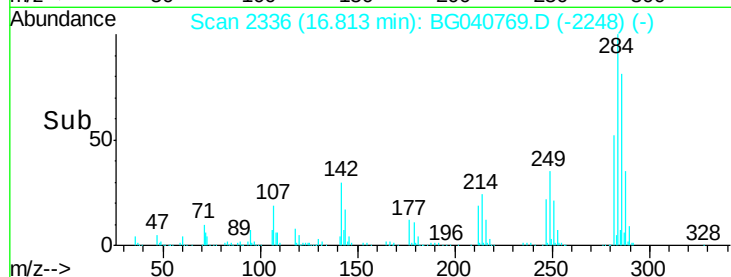
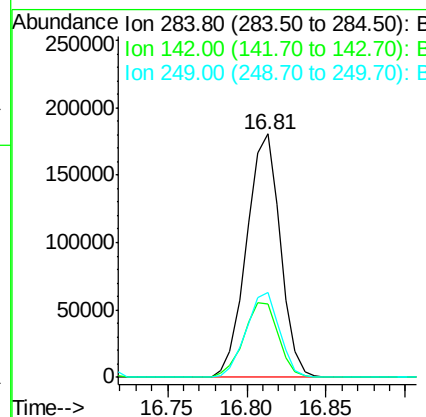
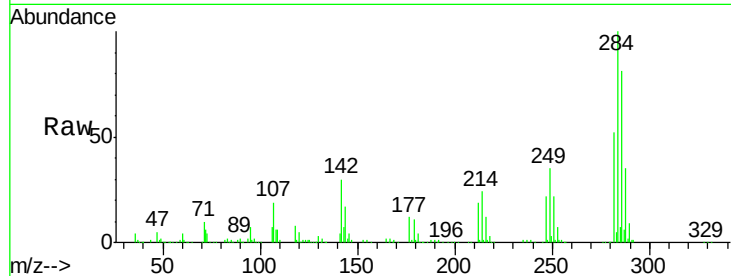
ClientSampleId :

SV28545LMSD

Tot Ion:	284	Resp:	266070
Ion Ratio		Lower	Upper
284	100		
142	30.2	26.6	40.0
249	34.8	26.0	39.0

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#69

Atrazine

Concen: 59.677 ng

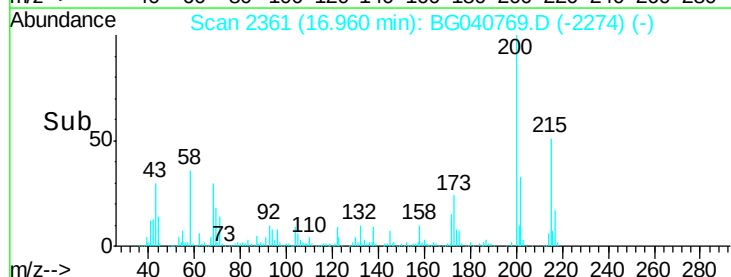
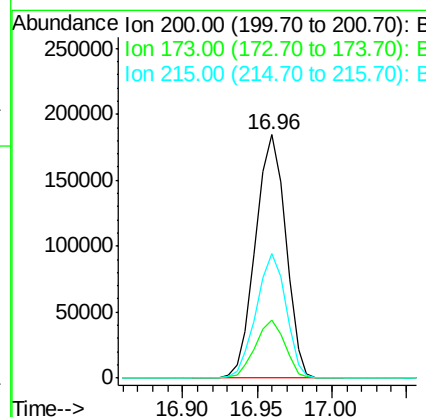
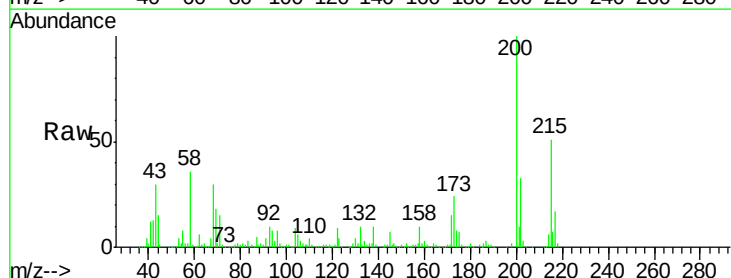
RT: 16.96 min Scan# 2361

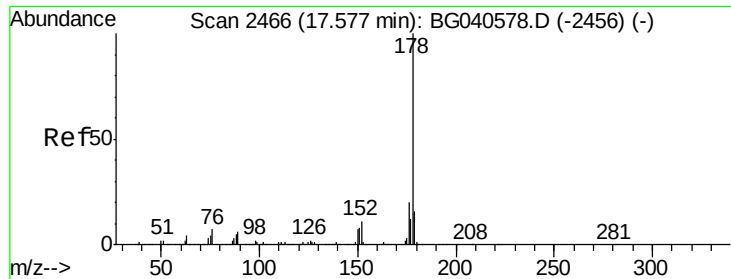
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	200	Resp:	258821
Ion Ratio		Lower	Upper
200	100		
173	23.9	2.8	42.8
215	51.4	30.2	70.2





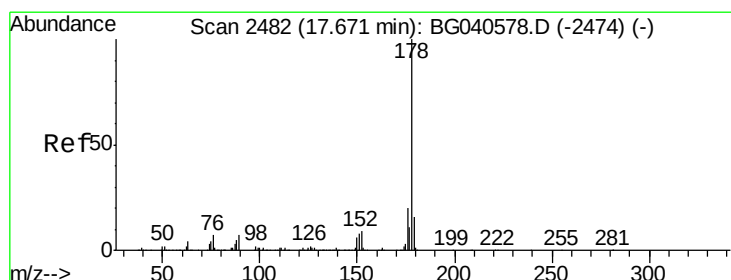
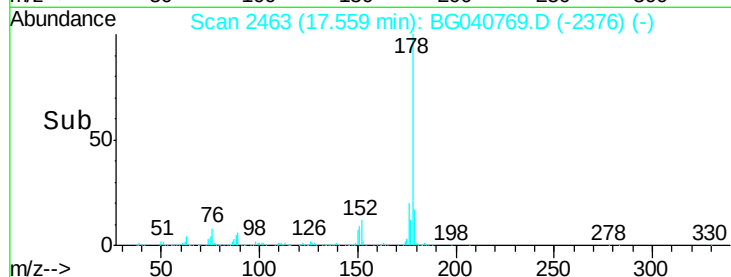
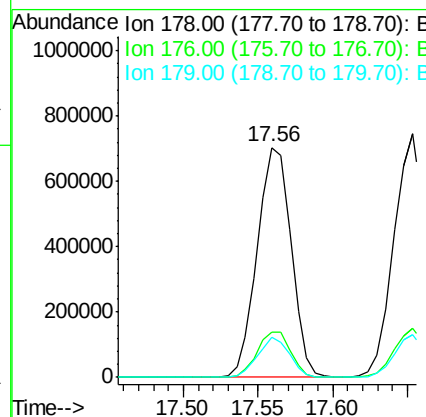
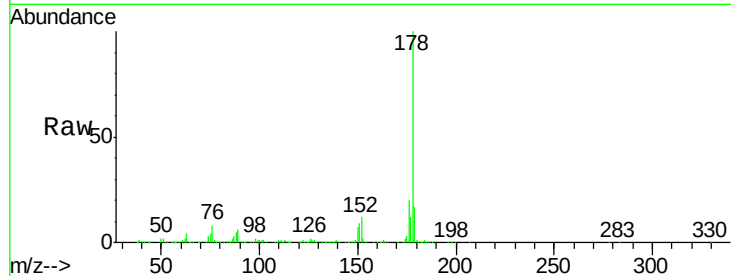
#71
Phenanthrene
Concen: 55.085 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	17.2	12.6	18.8

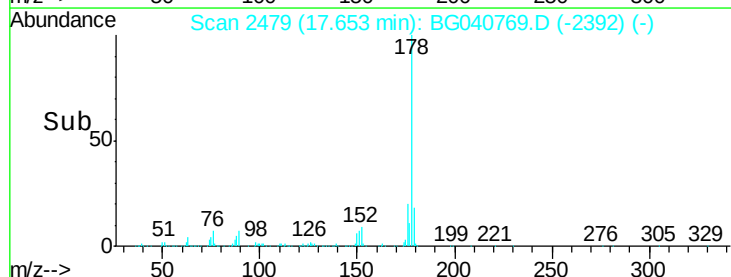
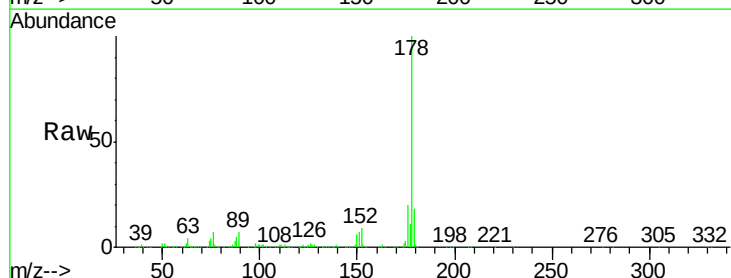
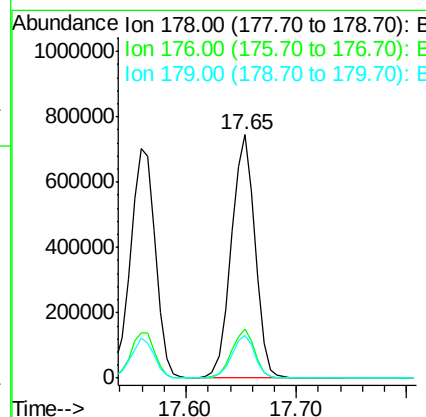
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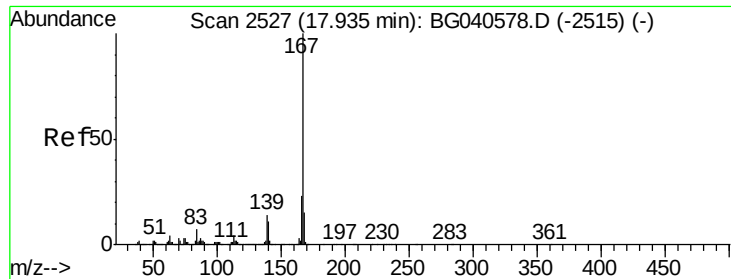
mohammad
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#72
Anthracene
Concen: 55.466 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.6	23.4
179	17.6	12.9	19.3





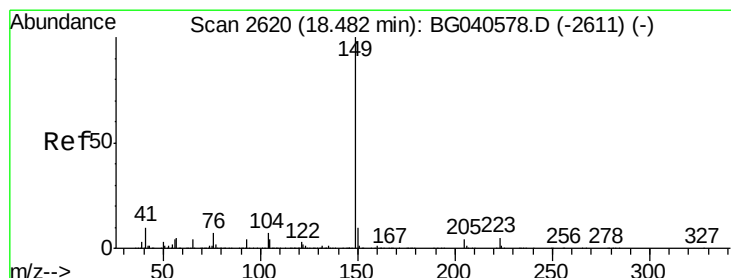
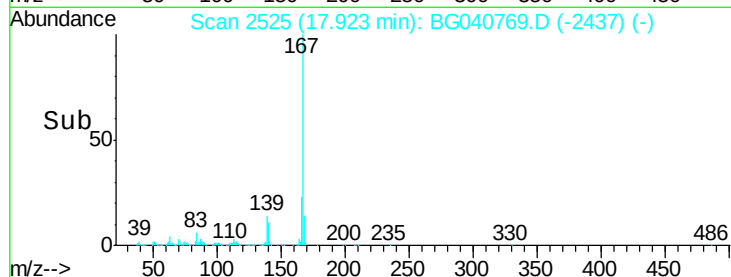
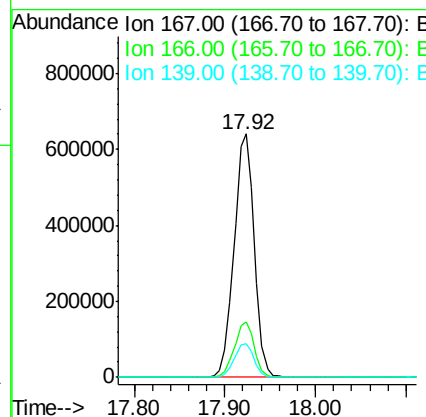
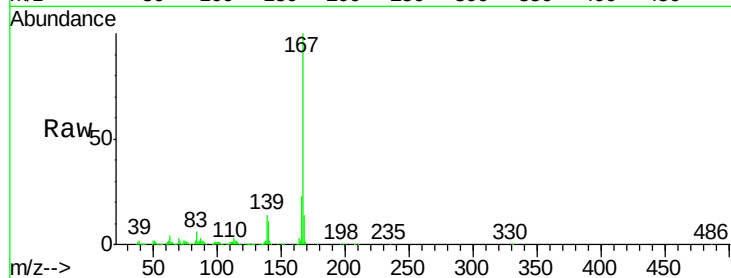
#73
 Carbazole
 Concen: 54.153 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.0	11.4	17.0

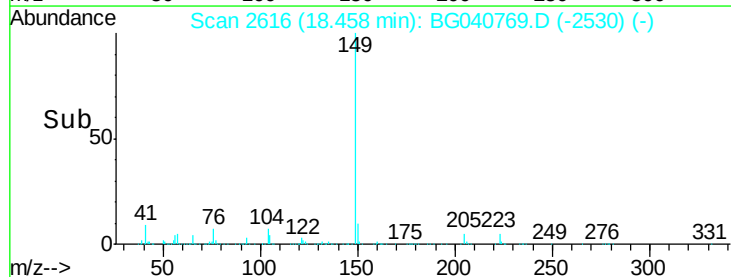
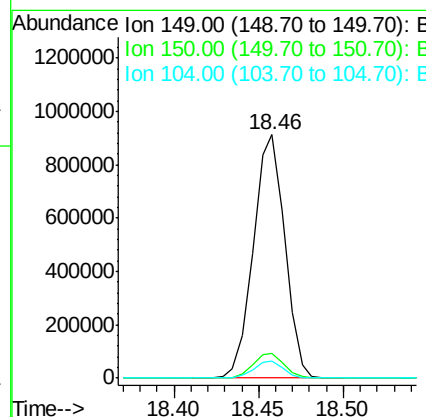
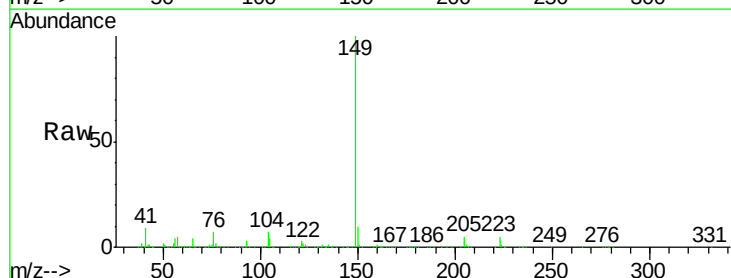
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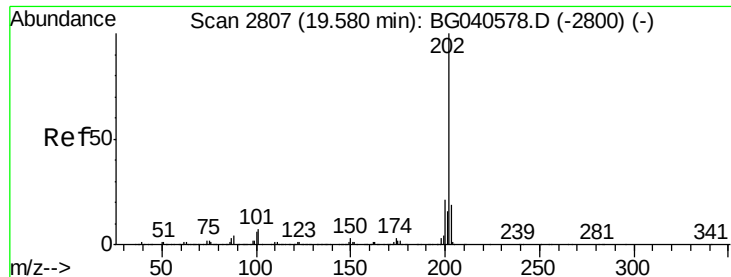
mohammad
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#74
 Di-n-butylphthalate
 Concen: 53.405 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.1	5.4	8.2





#75

Fluoranthene

Concen: 57.243 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

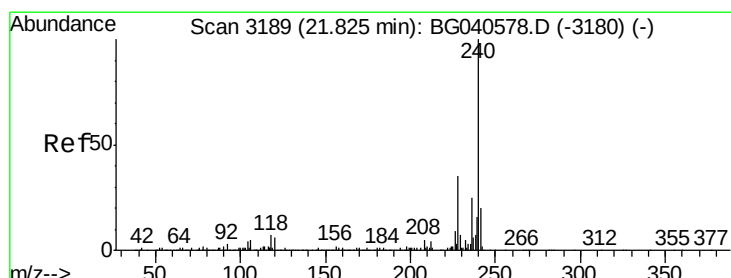
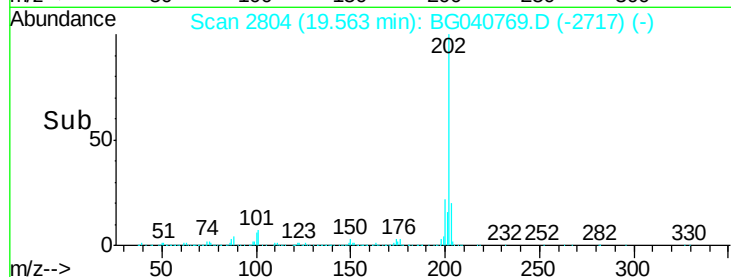
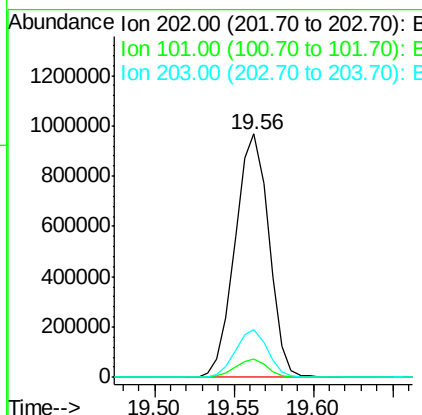
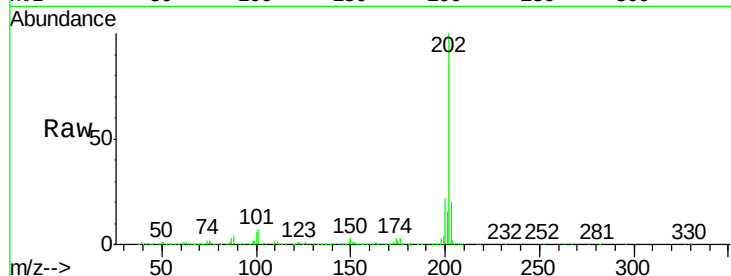
ClientSampleId :

SV28545LMSD

Tot Ion:	202	Resp:	1429595
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.5
203	19.7	0.0	39.3

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#76

Chrysene-d12

Concen: 20.000 ng

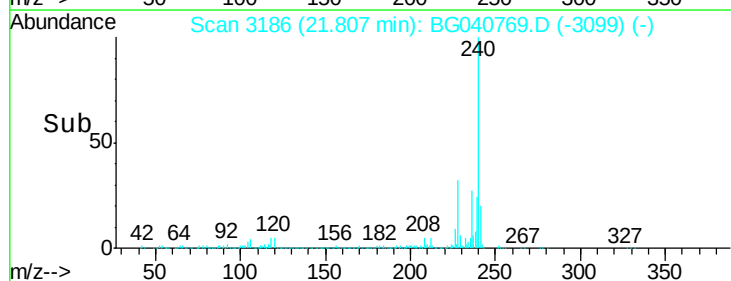
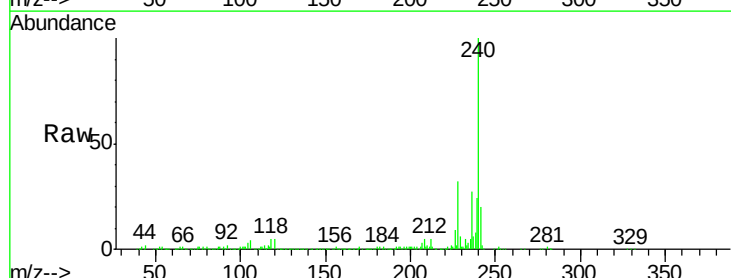
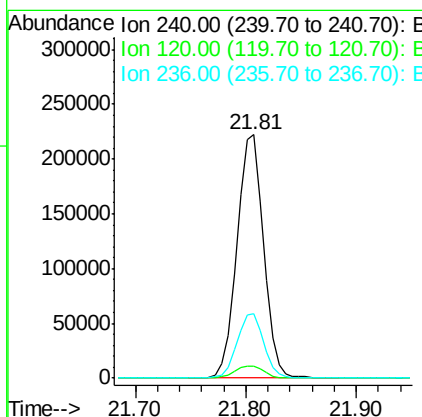
RT: 21.81 min Scan# 3186

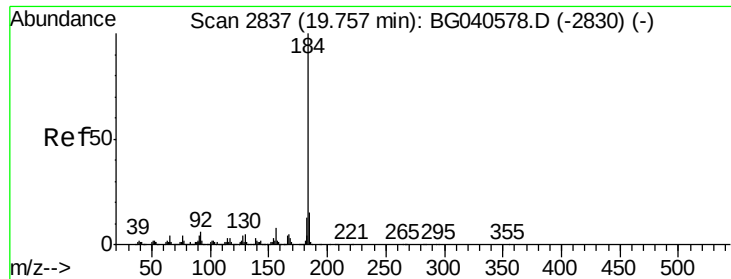
Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	240	Resp:	376639
Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.0	7.6#
236	26.7	20.3	30.5





#77

Benzidine

Concen: 90.102 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

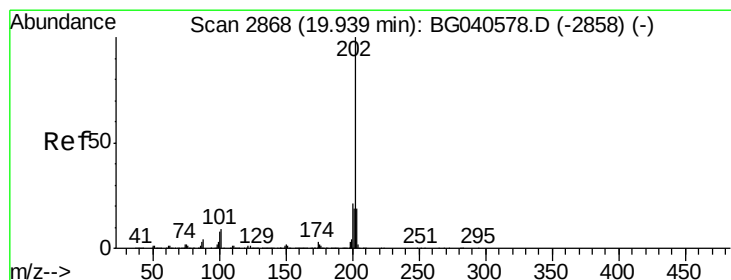
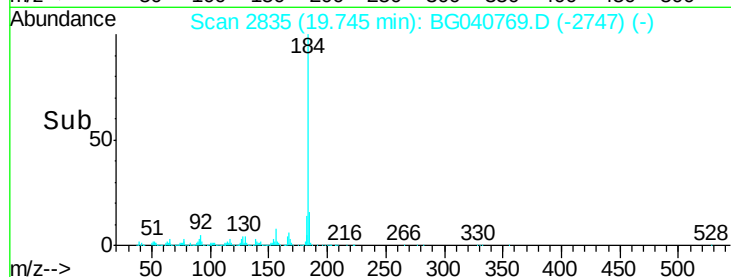
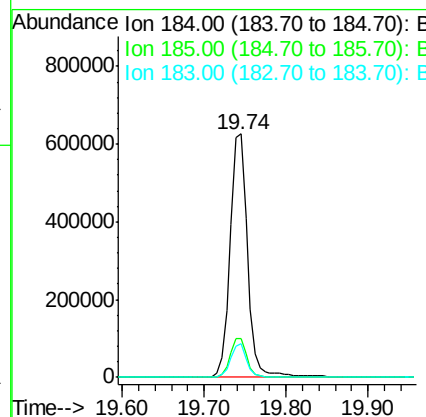
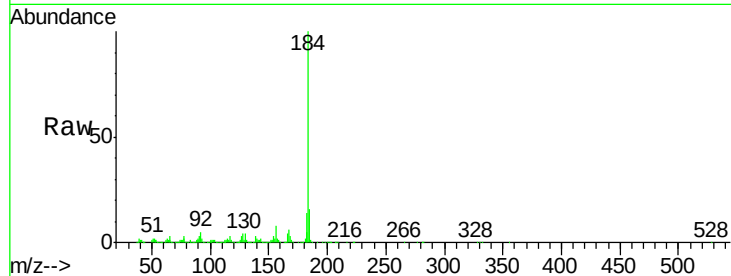
ClientSampleId :

SV28545LMSD

Tot Ion:	184	Resp:	929187
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	13.6	10.2	15.2

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#78

Pyrene

Concen: 59.883 ng

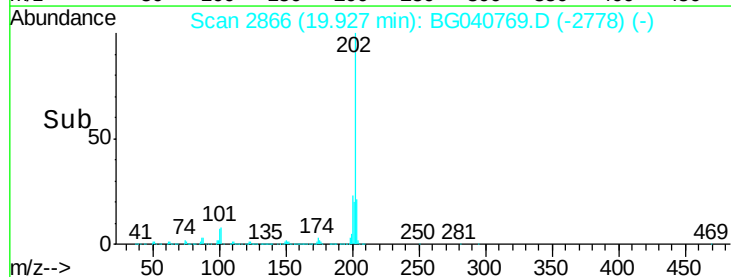
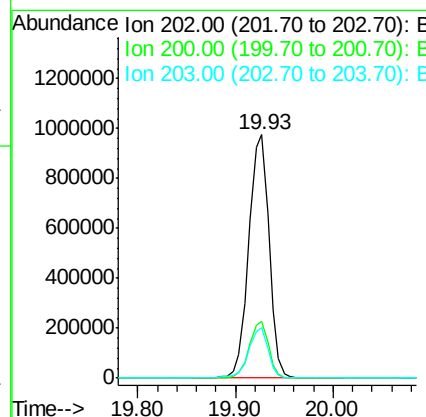
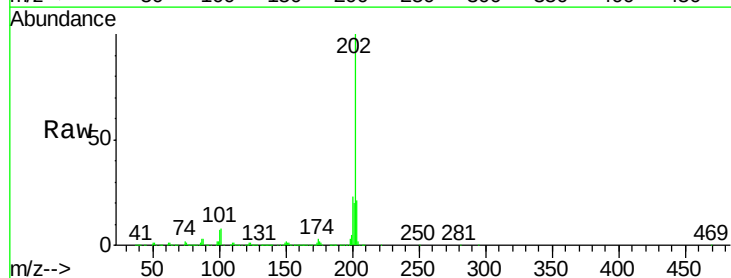
RT: 19.93 min Scan# 2866

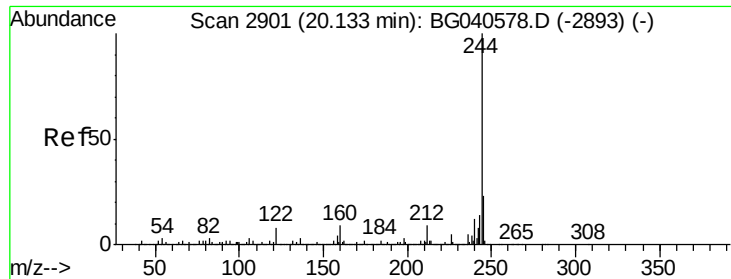
Delta R.T. -0.01 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Tgt Ion:	202	Resp:	1413600
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.2	25.8
203	20.8	15.0	22.4





#79

Terphenyl-d14

Concen: 120.740 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

Tot Ion:244 Resp: 2052682

Ion Ratio Lower Upper

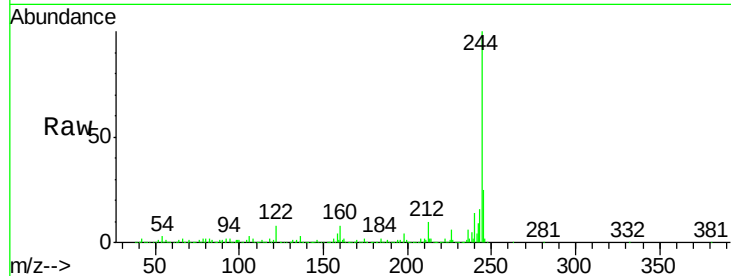
244 100

212 9.7 7.2 10.8

122 7.9 6.6 10.0

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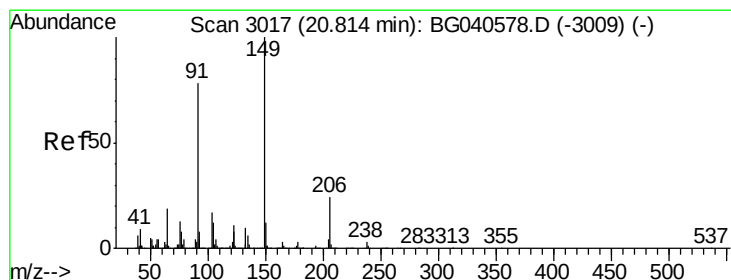
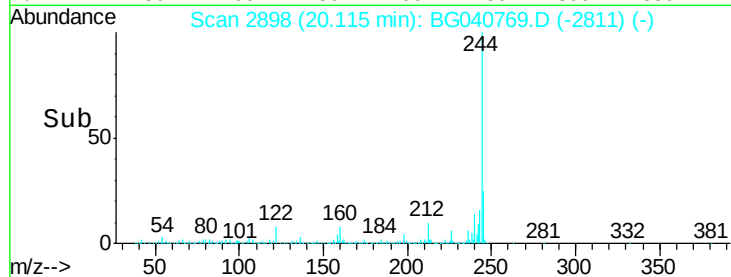
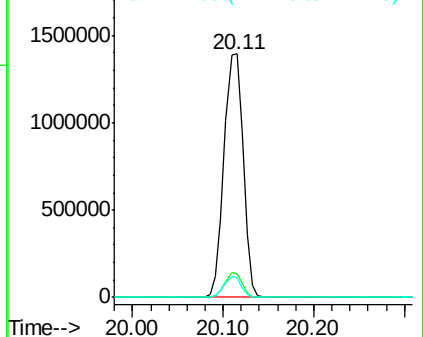
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.354 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

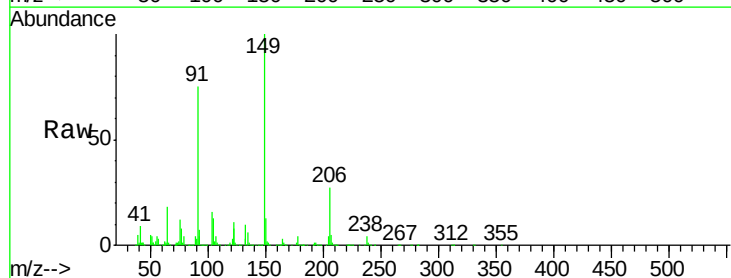
Tgt Ion:149 Resp: 536886

Ion Ratio Lower Upper

149 100

91 75.4 62.6 93.8

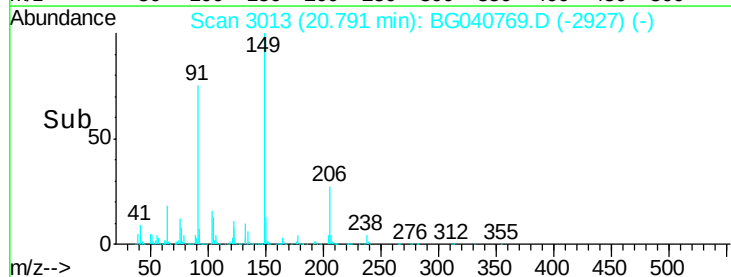
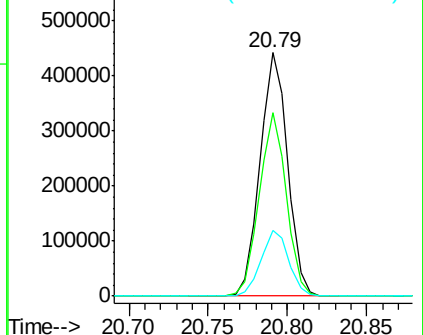
206 26.8 19.4 29.2

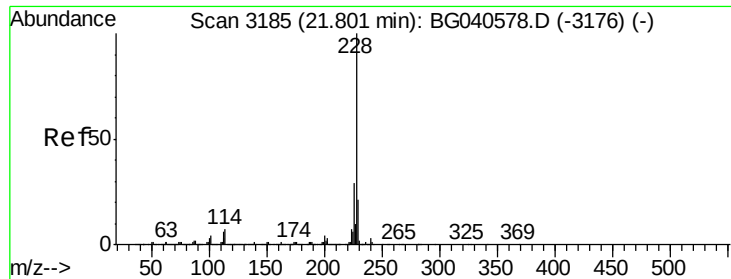


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.073 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

ClientSampleId :

SV28545LMSD

Tot Ion:228 Resp: 1406164

Ion Ratio Lower Upper

228 100

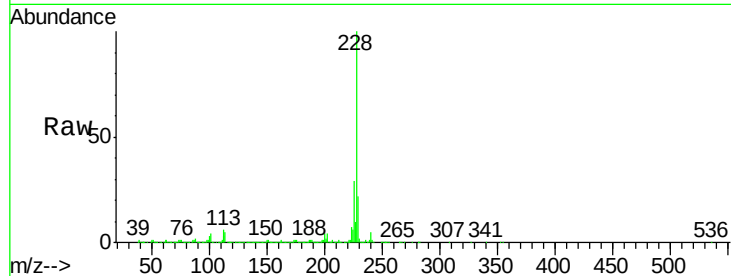
226 29.2 23.1 34.7

229 22.0 17.0 25.4

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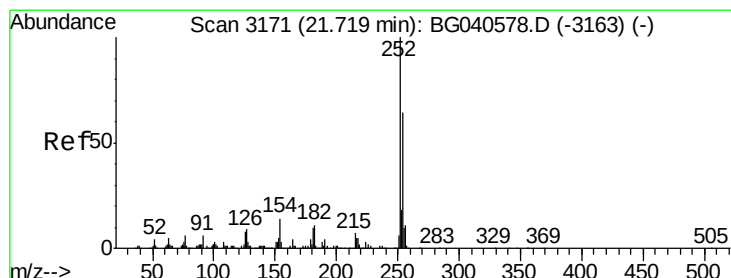
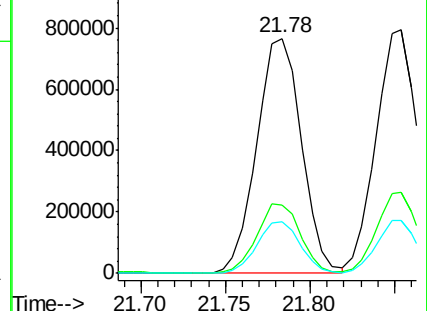
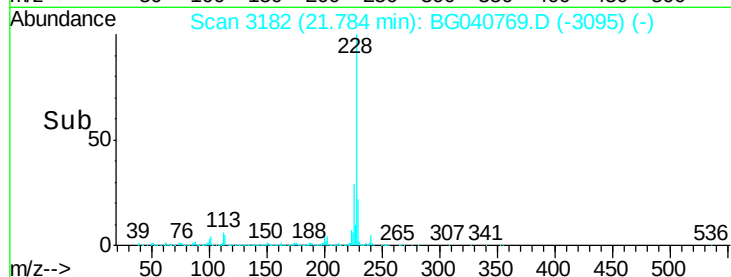
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 57.927 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

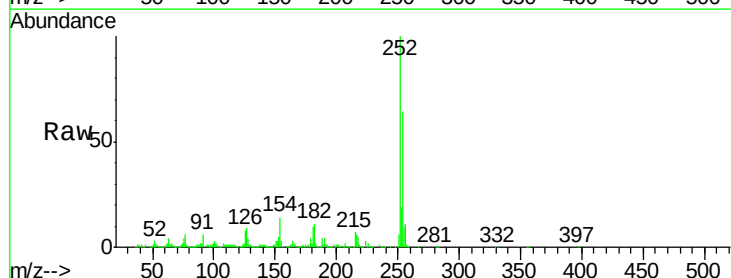
Tgt Ion:252 Resp: 491470

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

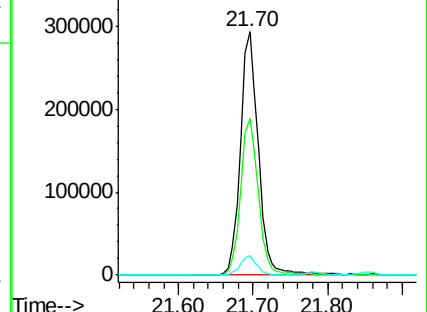
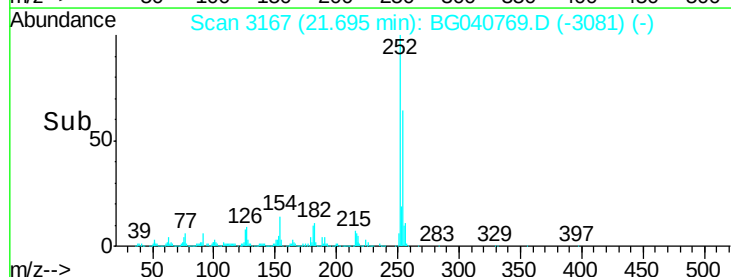
126 7.9 6.6 10.0

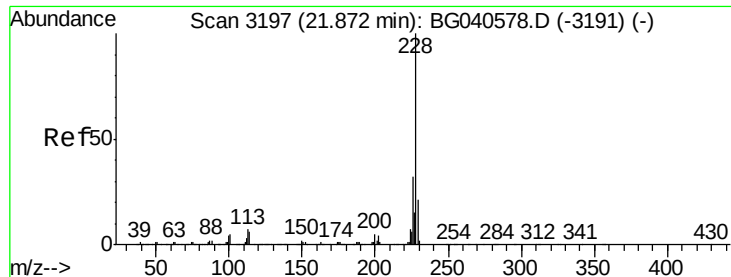


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





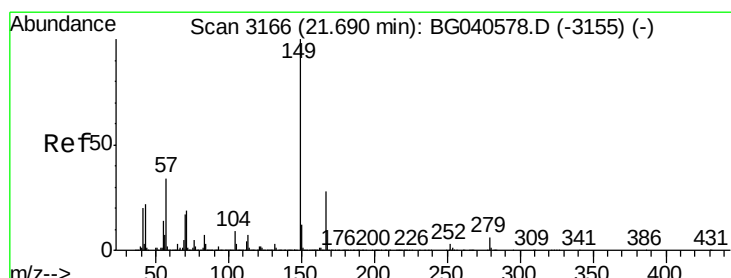
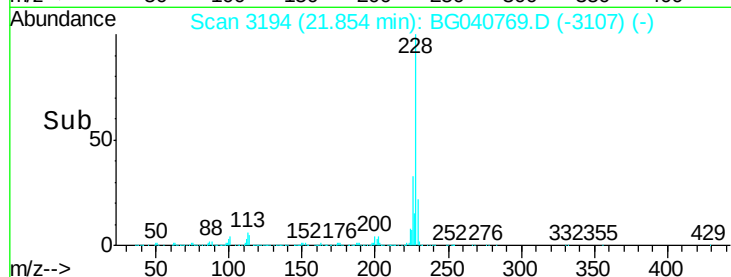
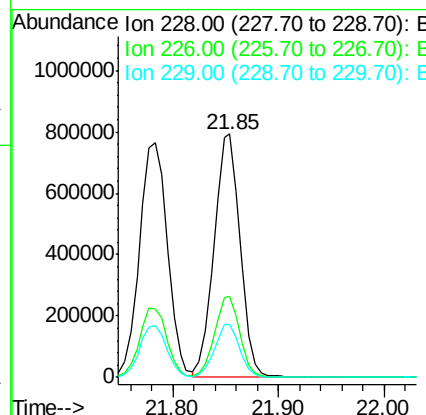
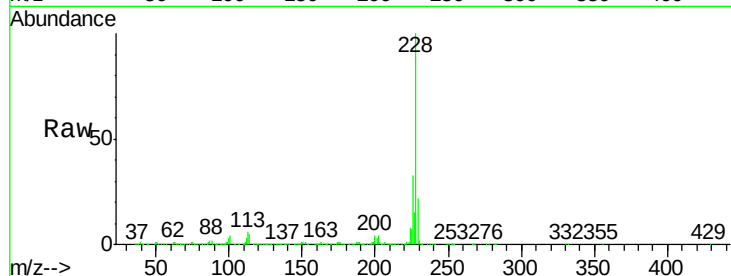
#83
 Chrysene
 Concen: 60.342 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SV28545LMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.5	38.3
229	21.7	16.8	25.2

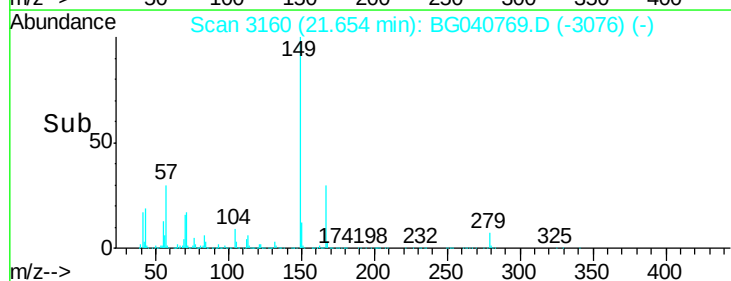
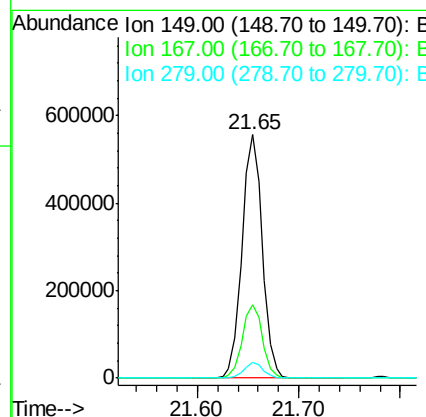
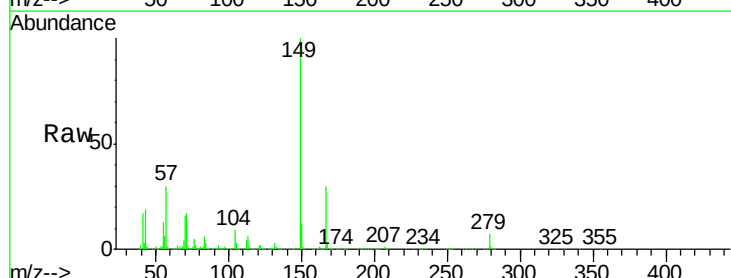
Manual Integrations
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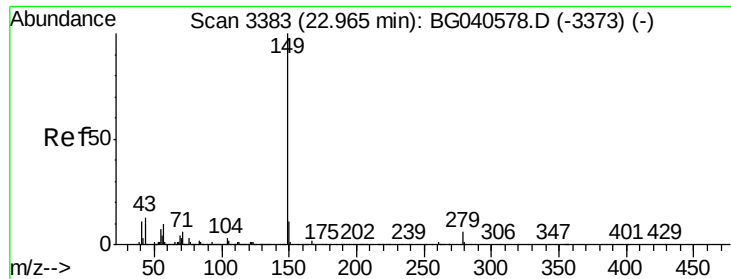
mohammad
 5/15/2019 8:40:02 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.085 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.04 min
 Lab File: BG040769.D
 Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.4	33.6
279	6.7	4.6	6.8





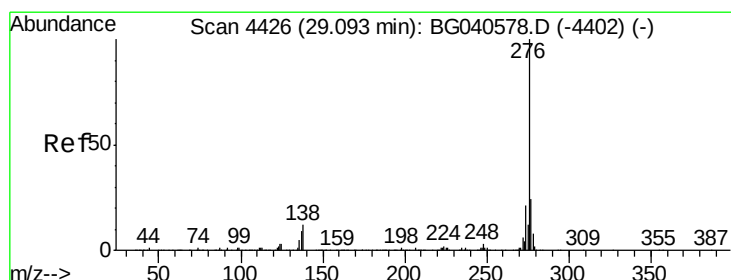
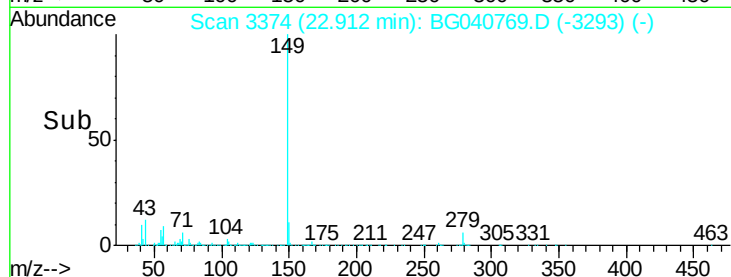
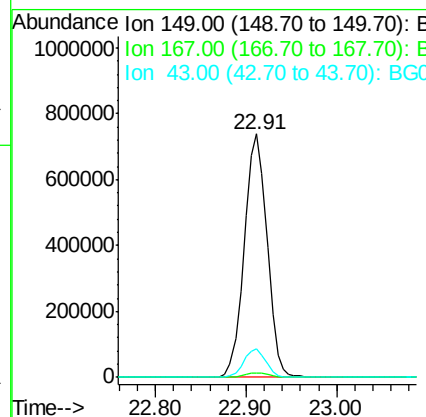
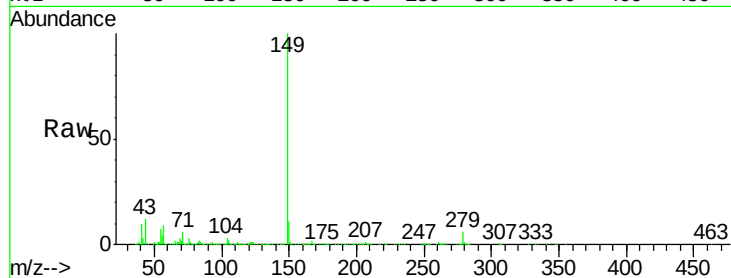
#85
Di-n-octyl phthalate
Concen: 57.617 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion:149 Resp: 1288715
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 11.7 10.2 15.2

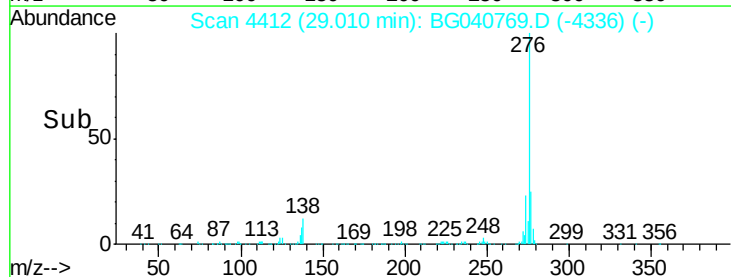
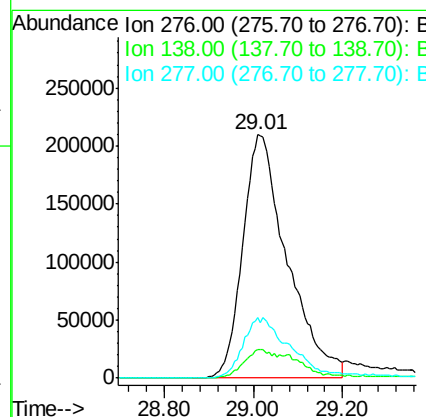
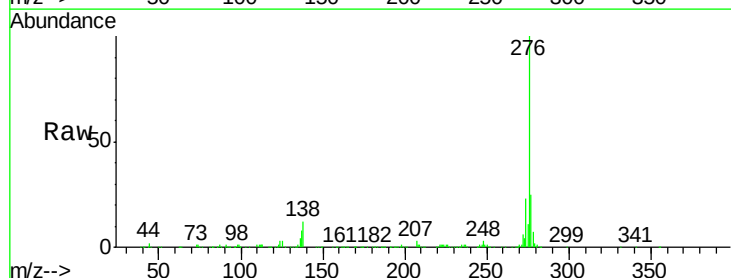
Manual Integrations
APPROVED

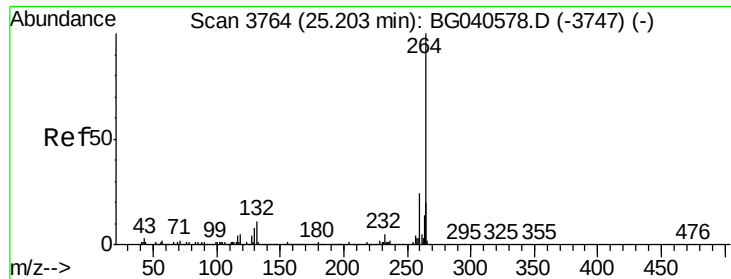
mohammad
5/15/2019 8:40:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.749 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.08 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion:276 Resp: 1443760
Ion Ratio Lower Upper
276 100
138 7.8 9.8 14.6#
277 26.3 17.3 25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

Instrument :

BNA_G

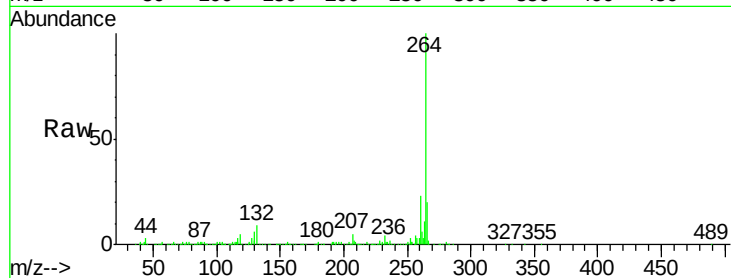
ClientSampleId :

SV28545LMSD

Tot Ion:	264	Resp:	396431
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	20.4	16.6	25.0

Manual Integrations
APPROVED

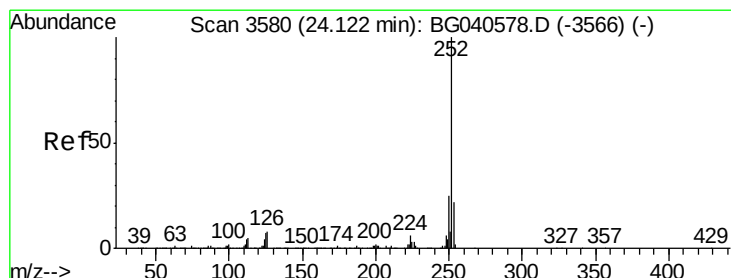
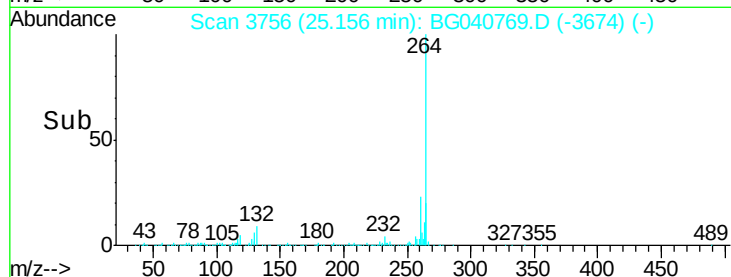
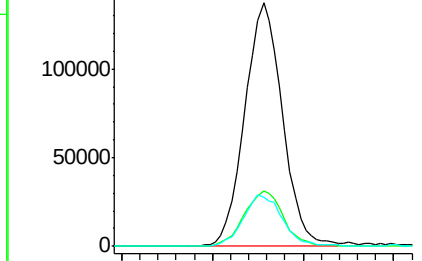
mohammad
5/15/2019 8:40:02 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.309 ng

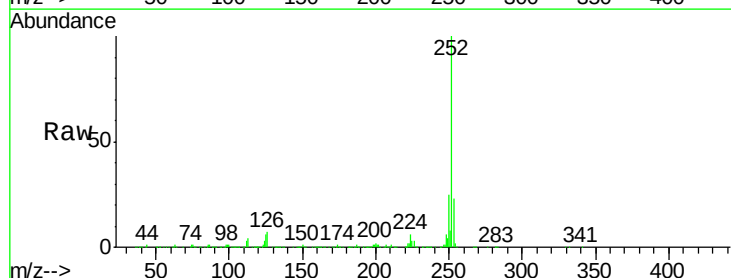
RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040769.D

Acq: 7 May 2019 14:41

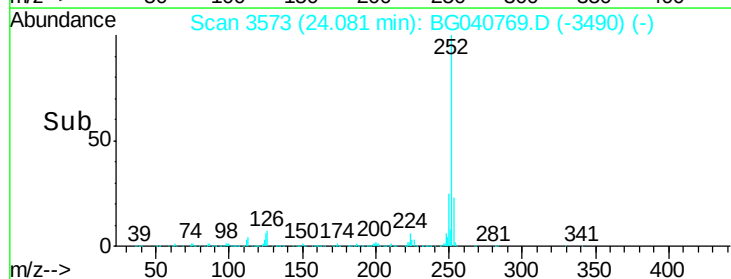
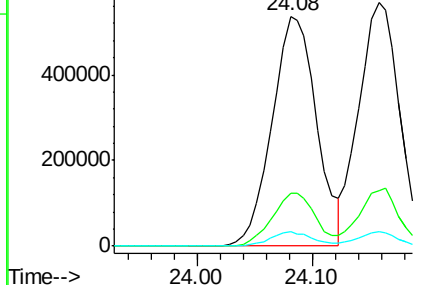
Tgt Ion:	252	Resp:	1436772
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	6.1	5.4	8.0

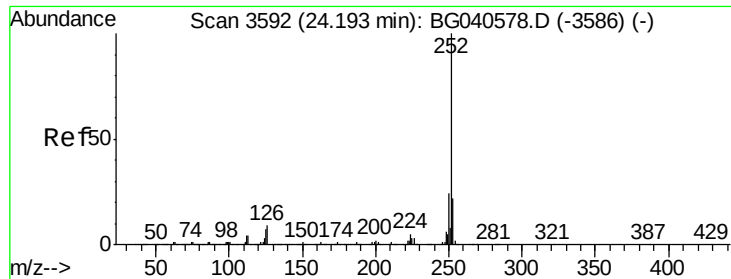


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





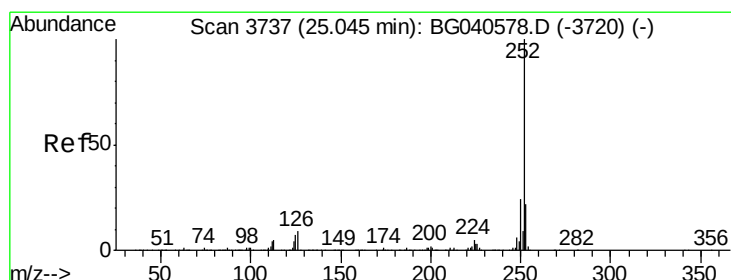
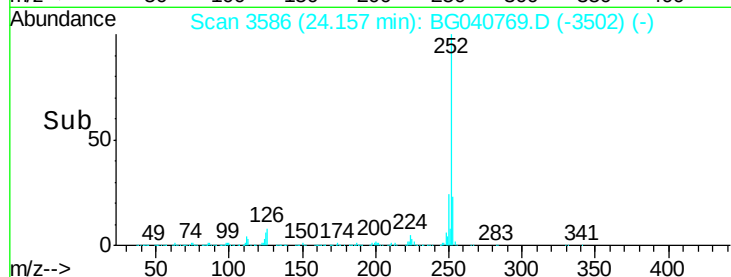
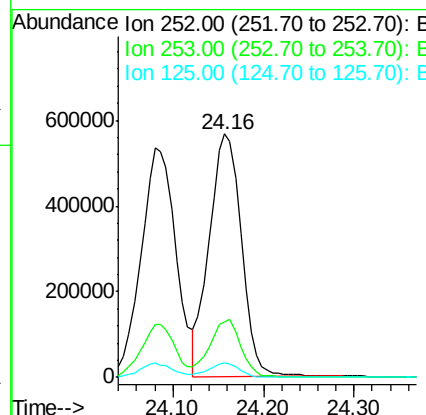
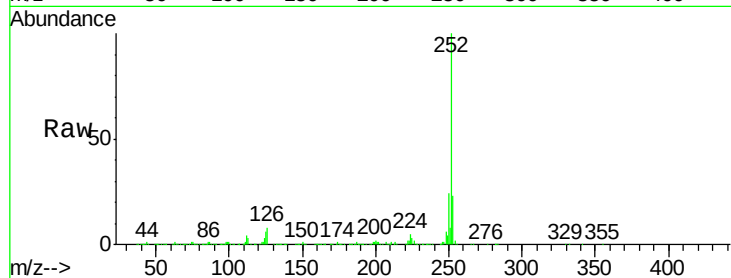
#89
Benzo(k)fluoranthene
Concen: 61.848 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	6.1	5.5	8.3

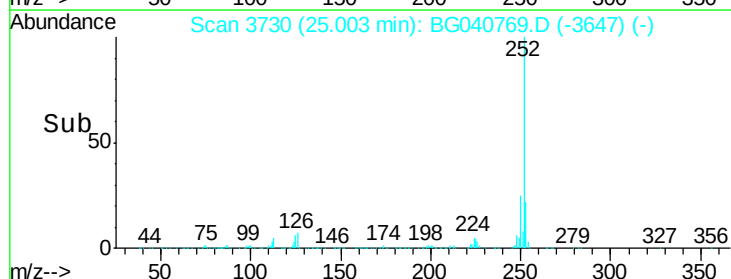
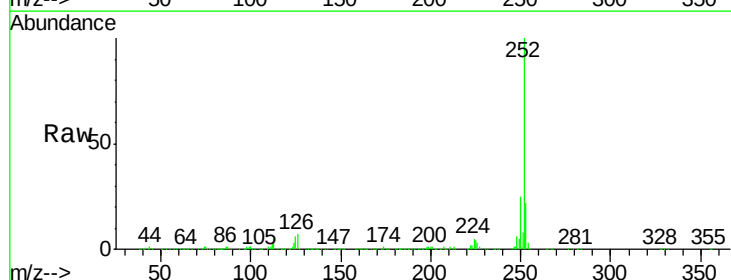
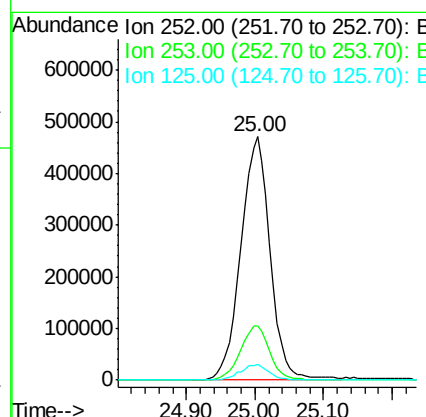
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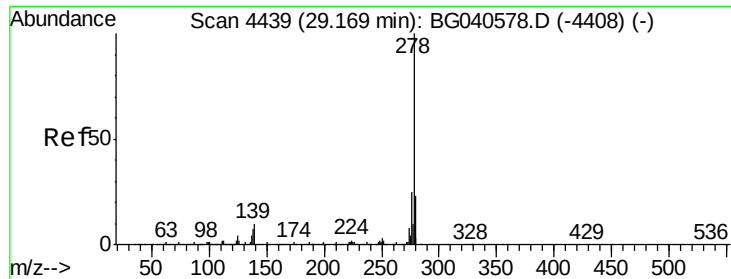
mohammad
5/15/2019 8:40:02 AM



#90
Benzo(a)pyrene
Concen: 60.734 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.3	5.7	8.5





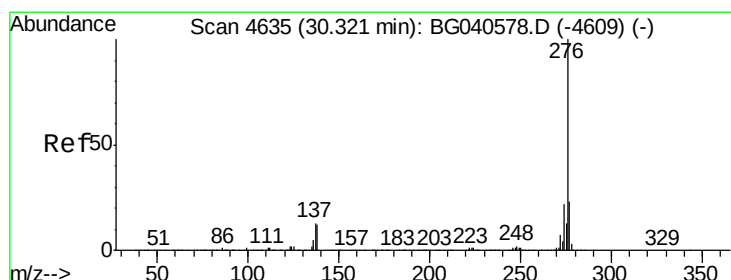
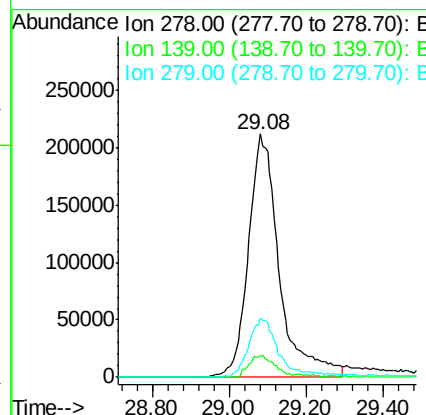
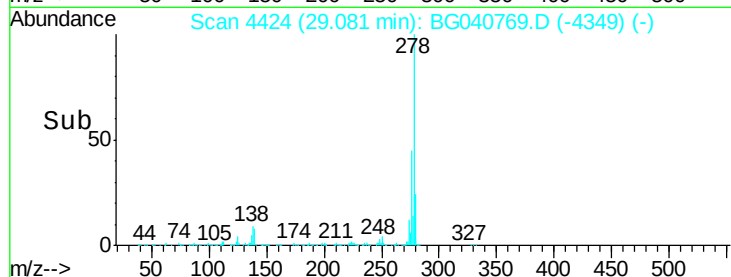
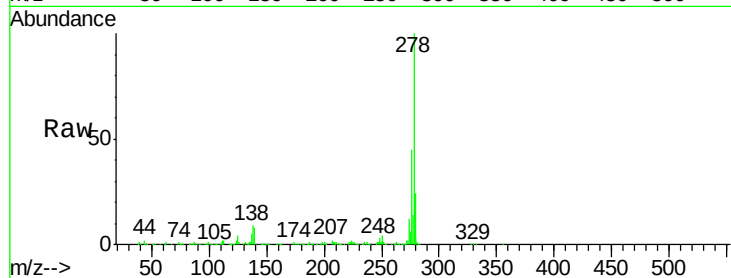
#91
Dibenzo(a,h)anthracene
Concen: 50.946 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.09 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Instrument :
BNA_G
ClientSampleId :
SV28545LMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	8.2	12.4
279	24.1	18.5	27.7

Manual Integrations
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mohammad
5/15/2019 8:40:02 AM



#92
Benzo(g,h,i)perylene
Concen: 52.304 ng
RT: 30.24 min Scan# 4621
Delta R.T. -0.08 min
Lab File: BG040769.D
Acq: 7 May 2019 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	10.8	9.8	14.6

