

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040969.D
 Acq On : 31 May 2019 3:09
 Operator : HP/JU
 Sample : K3041-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMS

Manual Integrations
 APPROVED

mohammad
 5/31/2019 8:19:22 AM

Quant Time: May 31 04:58:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63651	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	247441	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	180083	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	469046	20.00	ng	0.00
76) Chrysene-d12	21.78	240	465680	20.00	ng	0.00
87) Perylene-d12	25.12	264	496868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	456254	129.26	ng	0.00
7) Phenol-d6	7.27	99	603407	110.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	491282	88.14	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	379346	141.89	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1047826	83.79	ng	0.00
79) Terphenyl-d14	20.09	244	1950852	88.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	55132	34.419	ng	# 40
3) Pyridine	3.95	79	133330	28.131	ng	99
4) n-Nitrosodimethylamine	3.86	42	95236	43.295	ng	89
6) Aniline	7.45	93	146136	20.083	ng	97
8) 2-Chlorophenol	7.68	128	178877	42.506	ng	97
9) Benzaldehyde	7.26	77	91324	28.082	ng	89
10) Phenol	7.30	94	211605	36.202	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	170083	40.111	ng	97
12) 1,3-Dichlorobenzene	8.01	146	185248	36.857	ng	96
13) 1,4-Dichlorobenzene	8.16	146	191214	37.584	ng	94
14) 1,2-Dichlorobenzene	8.48	146	182967	37.039	ng	96
15) Benzyl Alcohol	8.36	79	210788	41.799	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	277258	40.014	ng	96
17) 2-Methylphenol	8.56	107	169905	40.146	ng	99
18) Hexachloroethane	9.21	117	74460	37.973	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	170846	40.724	ng	97
20) 3+4-Methylphenols	8.89	107	226436	38.626	ng	99
22) Acetophenone	8.96	105	311958	44.943	ng	# 95
24) Nitrobenzene	9.35	77	256658	45.185	ng	97
25) Isophorone	9.86	82	481504	45.393	ng	99
26) 2-Nitrophenol	10.06	139	109560	46.787	ng	93
27) 2,4-Dimethylphenol	10.10	122	188338	48.699	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	252124	44.039	ng	98
29) 2,4-Dichlorophenol	10.59	162	217181	44.222	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	232297	41.579	ng	94
31) Naphthalene	11.00	128	570652	42.953	ng	99
32) Benzoic acid	10.22	122	85327	31.699	ng	94
33) 4-Chloroaniline	11.11	127	63436	10.291	ng	94
34) Hexachlorobutadiene	11.26	225	172968	40.462	ng	100
35) Caprolactam	11.90	113	54562m	33.643	ng	
36) 4-Chloro-3-methylphenol	12.21	107	240984	42.965	ng	96
37) 2-Methylnaphthalene	12.59	142	435181	42.531	ng	98
38) 1-Methylnaphthalene	12.81	142	413832	42.919	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	317015	43.676	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	369103	93.098	nq	96
43) 2,4,6-Trichlorophenol	13.19	196	208614	44.429	nq	94
44) 2,4,5-Trichlorophenol	13.26	196	219849	44.396	nq	98
46) 1,1'-Biphenyl	13.59	154	598429	44.893	nq	99
47) 2-Chloronaphthalene	13.64	162	488042	42.647	nq	97
48) 2-Nitroaniline	13.85	65	182875	44.545	nq	98
49) Acenaphthylene	14.48	152	766668	44.513	nq	99
50) Dimethylphthalate	14.20	163	667832	43.809	nq	99
51) 2,6-Dinitrotoluene	14.33	165	150885	45.907	nq	97
52) Acenaphthene	14.82	154	451040	43.229	nq	95
53) 3-Nitroaniline	14.66	138	94865	28.864	nq	97
54) 2,4-Dinitrophenol	14.87	184	169983	92.824	nq	97
55) Dibenzofuran	15.15	168	784253	44.670	nq	98
56) 4-Nitrophenol	14.96	139	210295	93.284	nq	91
57) 2,4-Dinitrotoluene	15.12	165	214336	46.165	nq	# 96
58) Fluorene	15.80	166	622012	44.487	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	230227	47.308	nq	99
60) Diethylphthalate	15.56	149	689132	44.297	nq	99
61) 4-Chlorophenyl-phenylether	15.79	204	398612	43.862	nq	96
62) 4-Nitroaniline	15.83	138	144038	41.396	nq	98
63) Azobenzene	16.08	77	636613	45.023	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	120973	48.107	nq	96
66) n-Nitrosodiphenylamine	16.00	169	576083	43.691	nq	98
67) 4-Bromophenyl-phenylether	16.68	248	262856	41.526	nq	98
68) Hexachlorobenzene	16.79	284	272271	40.394	nq	97
69) Atrazine	16.94	200	255973	50.312	nq	98
70) Pentachlorophenol	17.14	266	330700	90.969	nq	95
71) Phenanthrene	17.54	178	1079323	44.177	nq	97
72) Anthracene	17.63	178	1096552	45.507	nq	98
73) Carbazole	17.91	167	966994	46.770	nq	99
74) Di-n-butylphthalate	18.44	149	1153429	44.885	nq	98
75) Fluoranthene	19.55	202	1388275	46.004	nq	98
77) Benzidine	19.72	184	36924	3.324	nq	# 94
78) Pyrene	19.90	202	1393984	46.048	nq	98
80) Butylbenzylphthalate	20.77	149	532268	45.181	nq	99
81) Benzo(a)anthracene	21.76	228	1339378	43.208	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	336914	30.901	nq	99
83) Chrysene	21.83	228	1313001	44.262	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	725898	43.771	nq	100
85) Di-n-octyl phthalate	22.88	149	1216692	44.052	nq	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1615907	44.469	nq	# 99
88) Benzo(b)fluoranthene	24.05	252	1390766	46.148	nq	99
89) Benzo(k)fluoranthene	24.12	252	1316075	44.130	nq	98
90) Benzo(a)pyrene	24.96	252	1326036	46.119	nq	96
91) Dibenzo(a,h)anthracene	29.03	278	1328533	46.242	nq	99
92) Benzo(g,h,i)perylene	30.17	276	1340118	48.012	nq	99

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

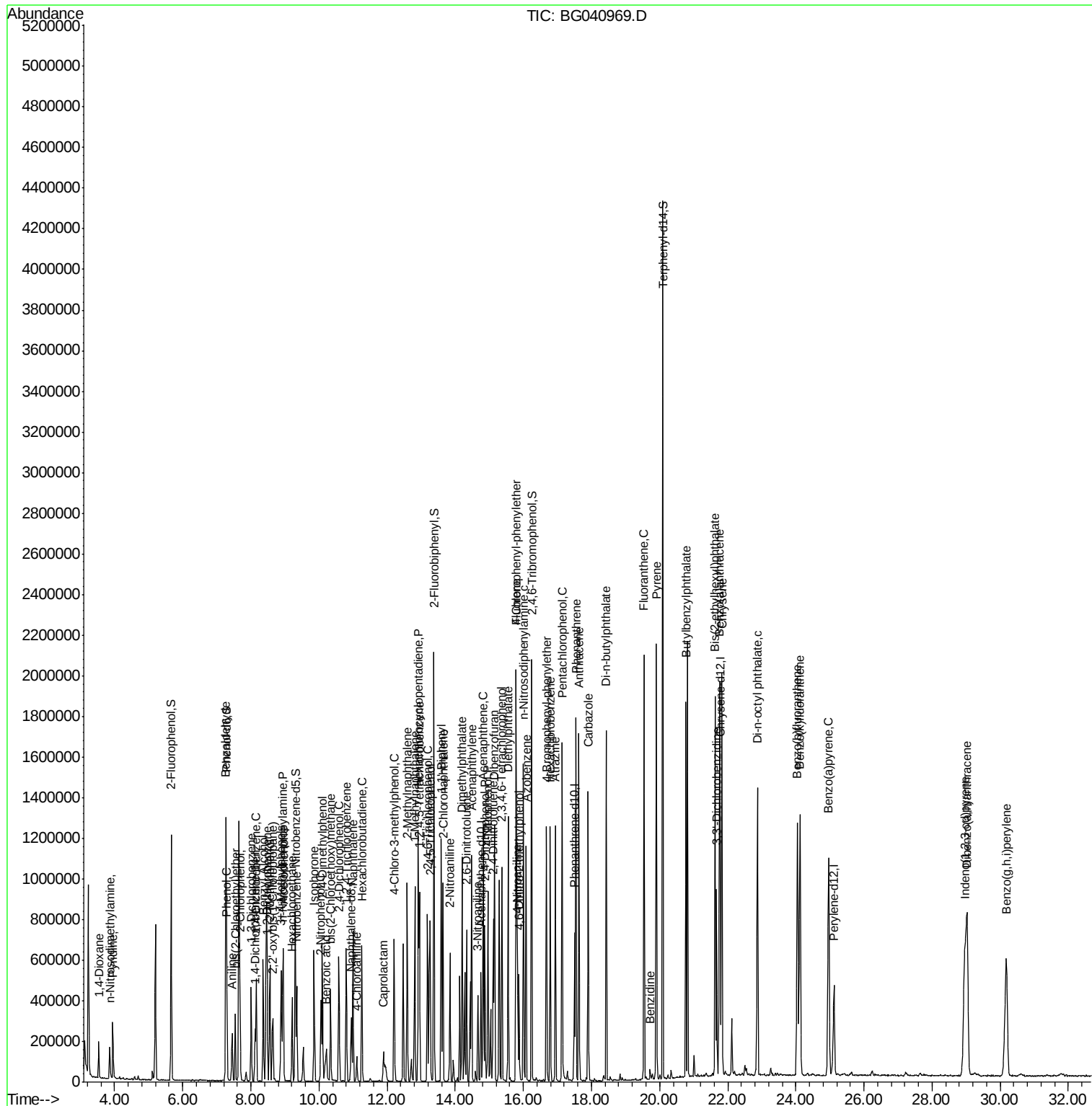
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#1

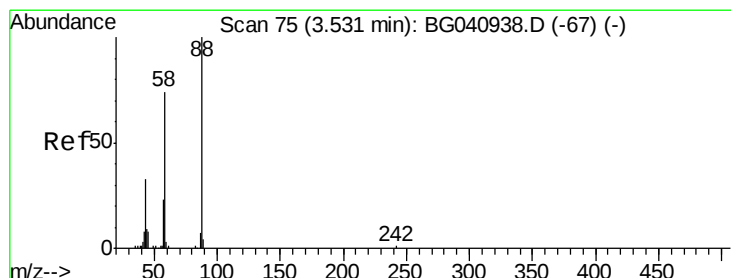
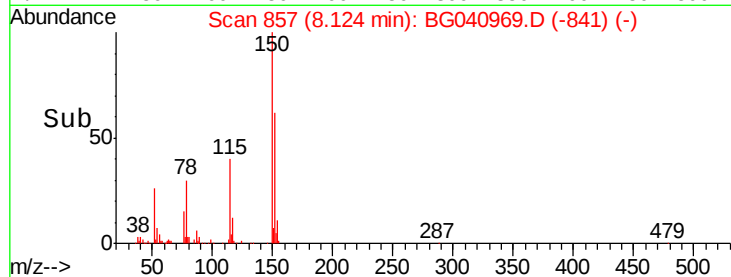
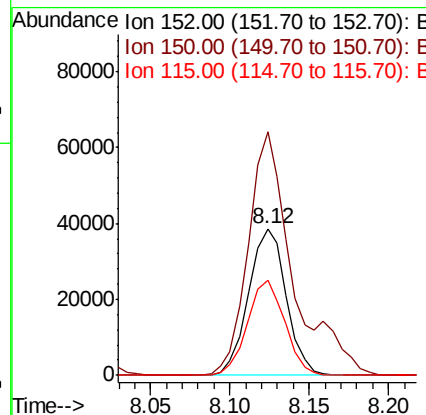
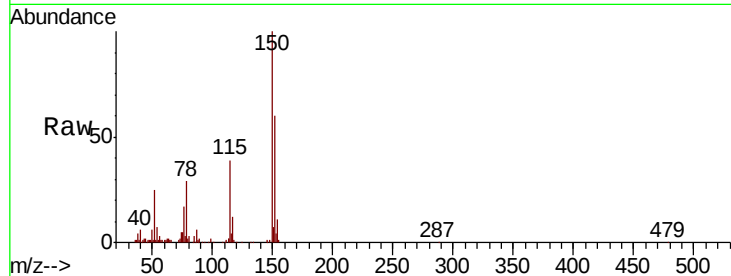
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	120.6	180.8
115	64.9	45.1	67.7

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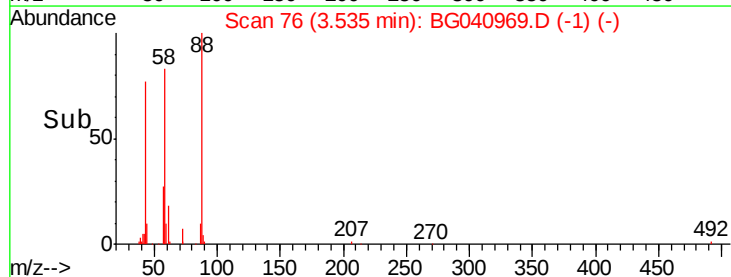
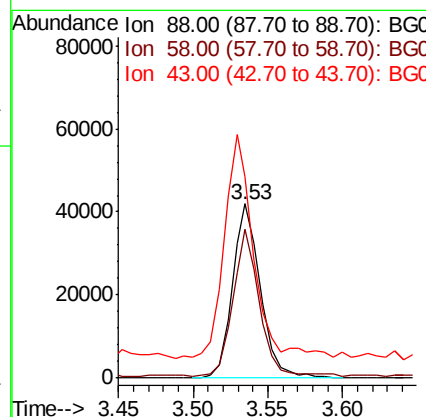
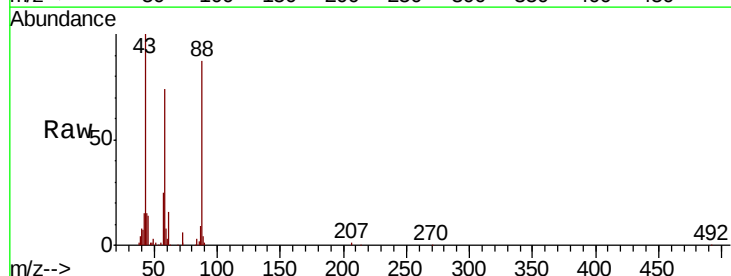
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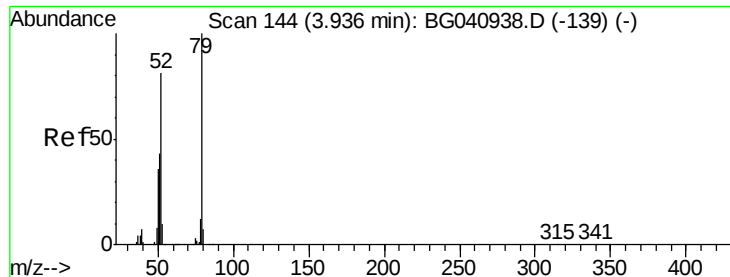


#2

1,4-Dioxane
Concen: 34.419 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	59.0	88.6
43	136.4	27.2	40.8#





#3

Pvridine

Concen: 28.131 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

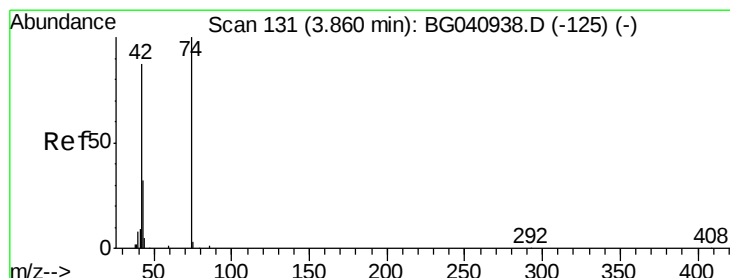
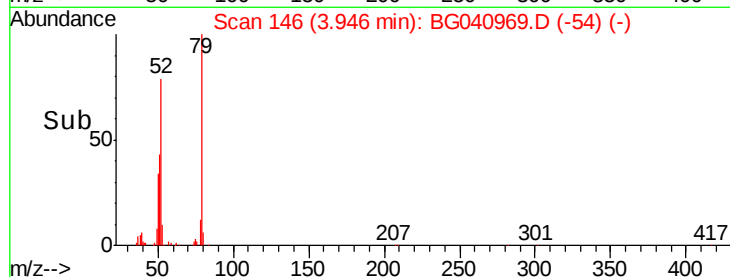
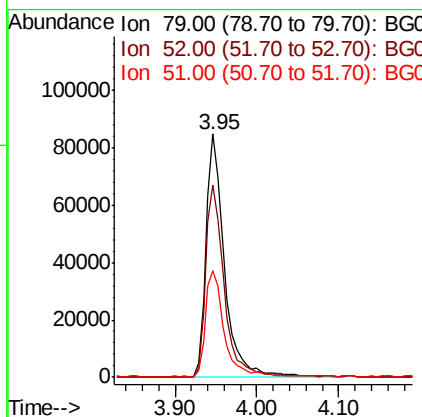
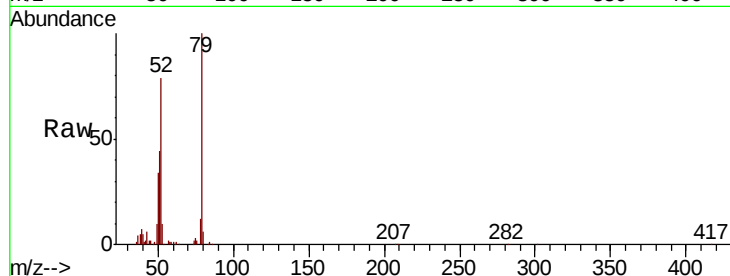
ClientSampleId :

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Tot Ion:	79	Resp:	133330
Ion	Ratio	Lower	Upper
79	100		
52	79.3	64.8	97.2
51	43.8	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.295 ng

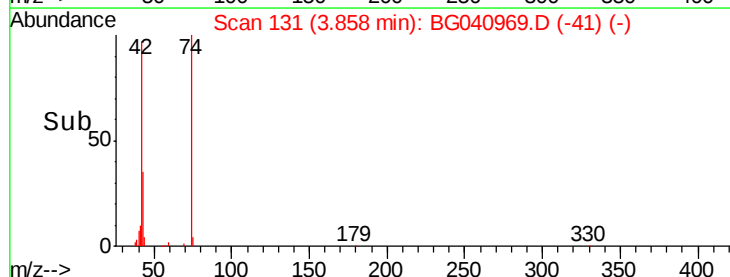
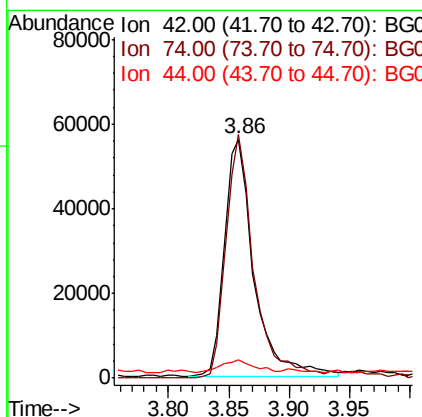
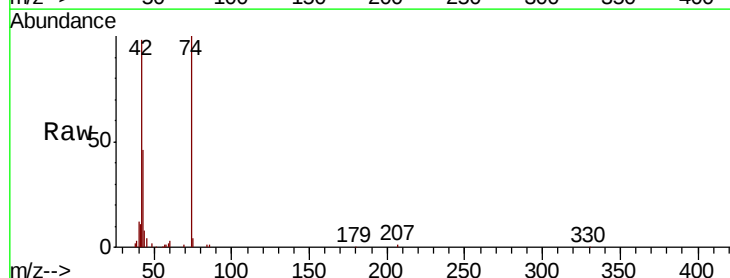
RT: 3.86 min Scan# 131

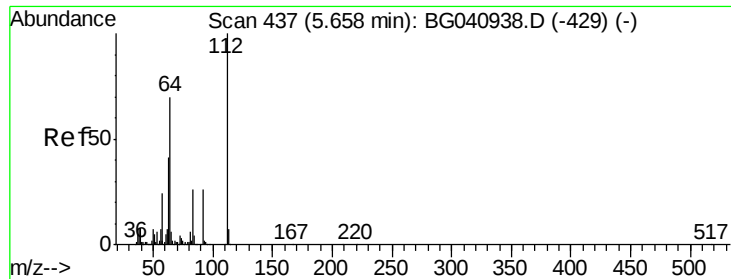
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	42	Resp:	95236
Ion	Ratio	Lower	Upper
42	100		
74	101.9	91.8	137.6
44	7.9	6.0	9.0





#5

2-Fluorophenol

Concen: 129.255 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

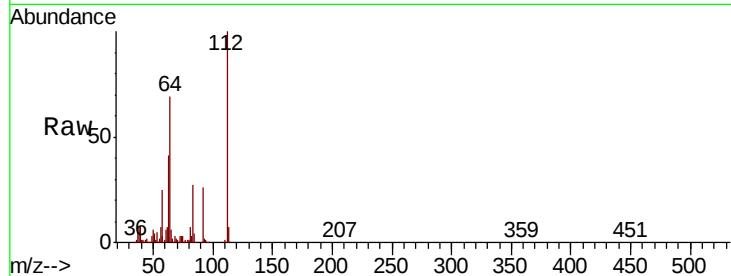
ClientSampleId :

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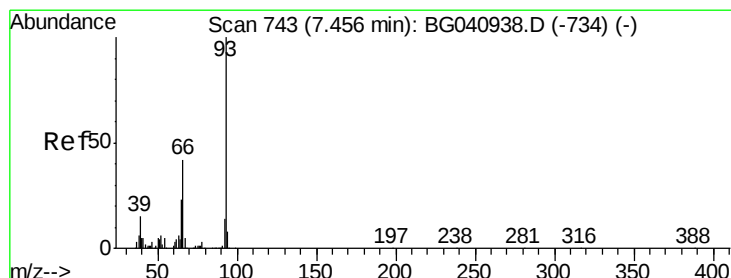
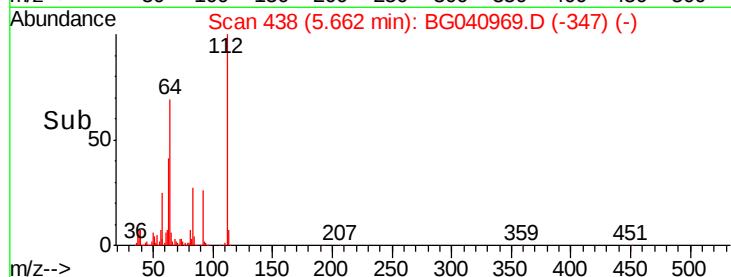
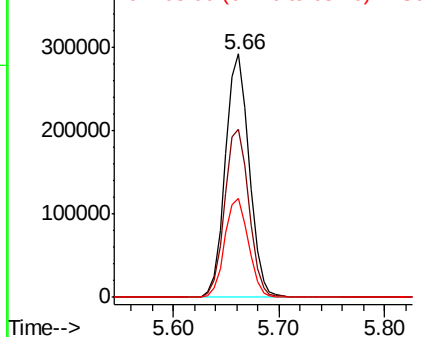
Tot Ion:	112	Resp:	456254
Ion Ratio	Lower	Upper	
112	100		
64	69.2	56.2	84.2
63	40.5	32.8	49.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.083 ng

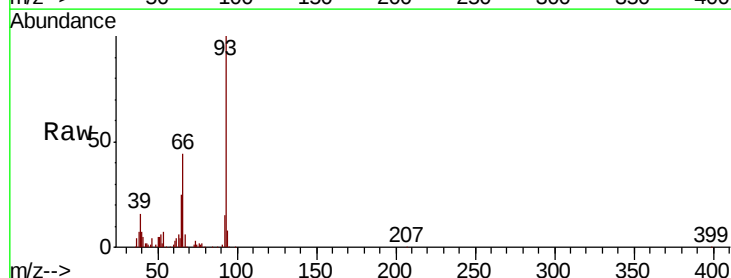
RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

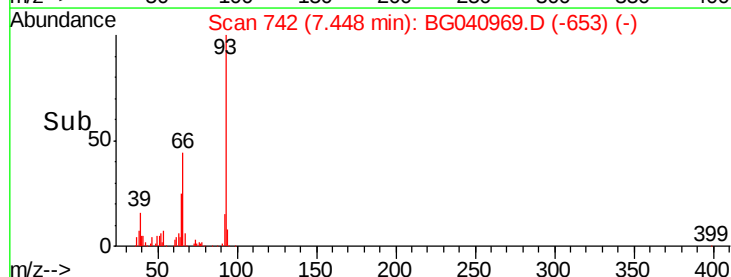
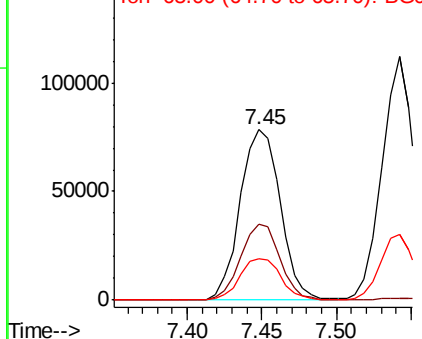
Lab File: BG040969.D

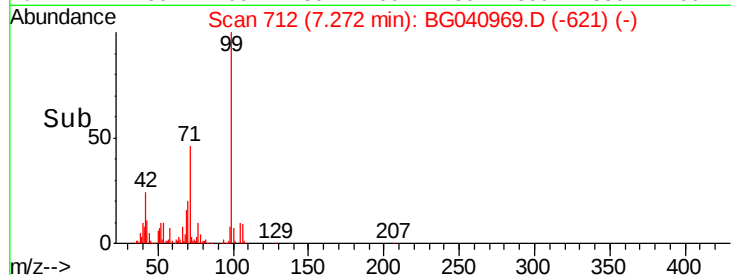
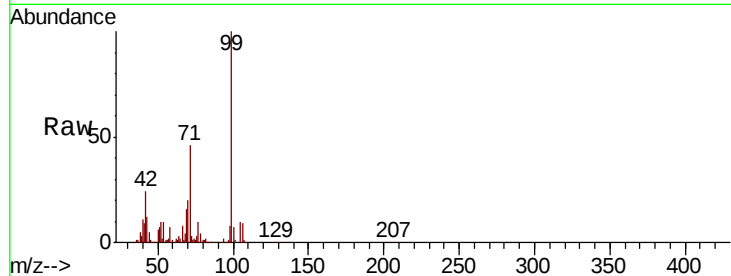
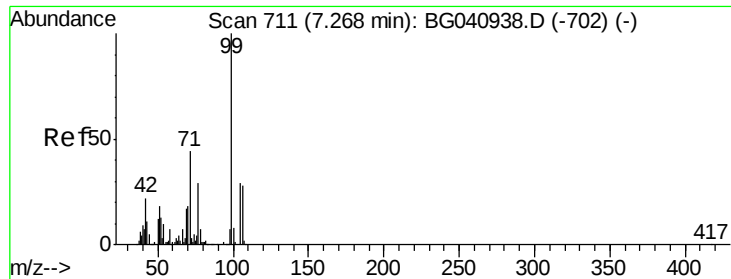
Acq: 31 May 2019 3:09

Tgt Ion:	93	Resp:	146136
Ion Ratio	Lower	Upper	
93	100		
66	44.2	33.8	50.8
65	24.5	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.686 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tot Ion:	99	Resp:	603407
Ion Ratio	Lower	Upper	
99	100		
42	24.3	17.9	26.9
71	46.2	35.4	53.0

Instrument :

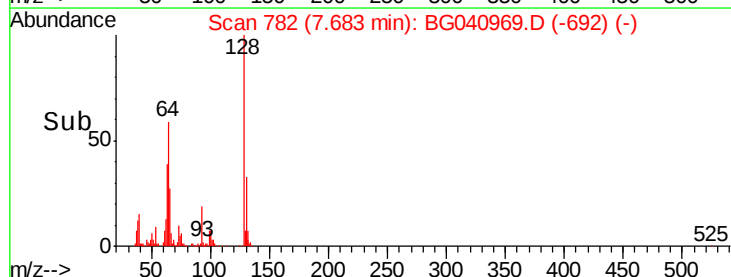
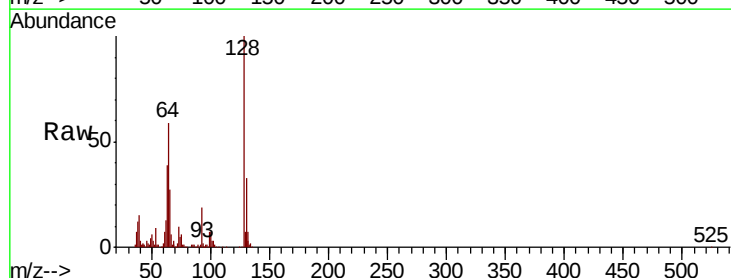
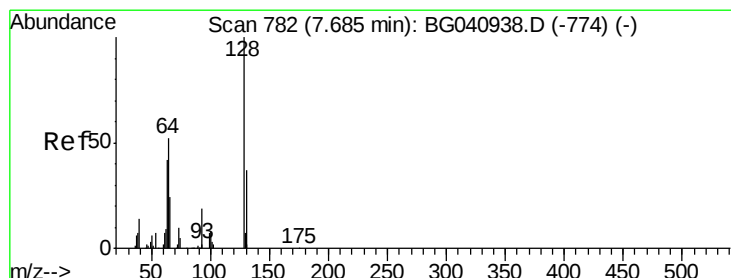
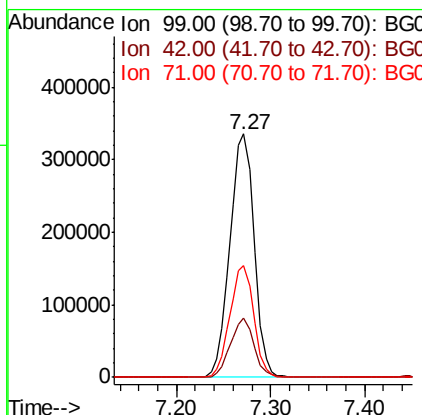
BNA_G

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#8

2-Chlorophenol

Concen: 42.506 ng

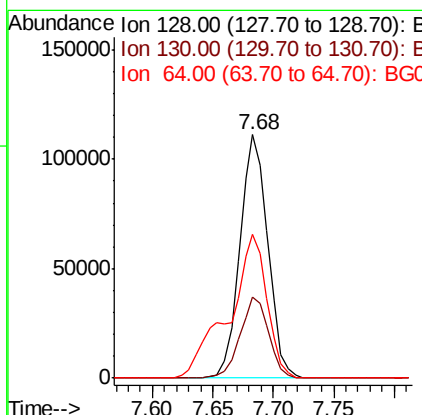
RT: 7.68 min Scan# 782

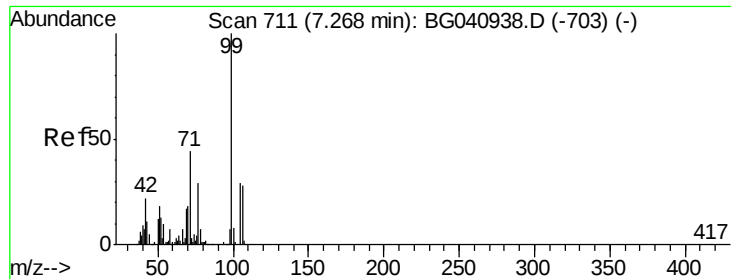
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	128	Resp:	178877
Ion Ratio	Lower	Upper	
128	100		
130	33.3	16.6	56.6
64	59.0	37.8	77.8





#9

Benzaldehyde

Concen: 28.082 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

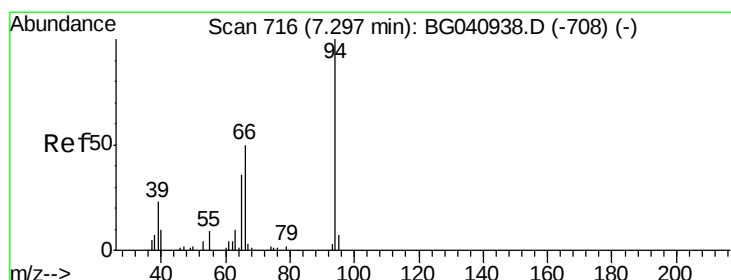
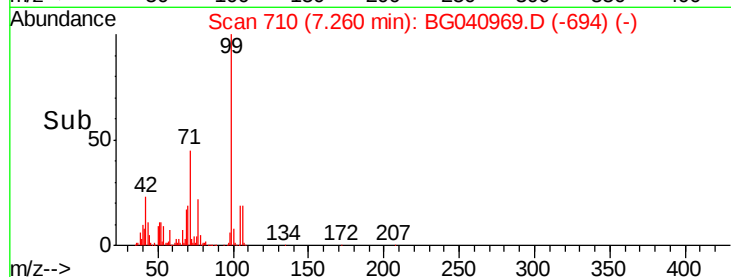
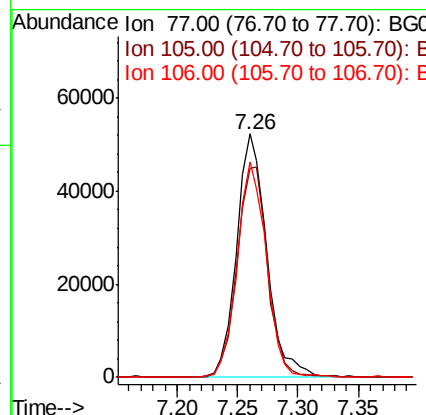
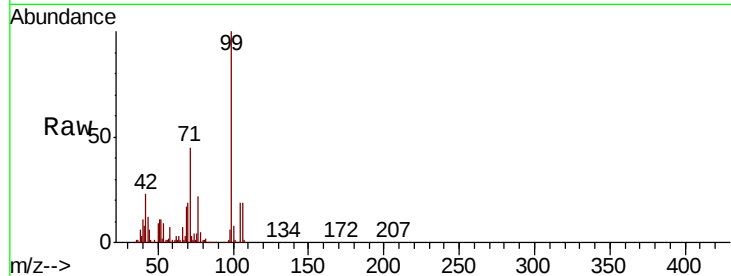
ClientSampleId :

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Tot Ion:	77	Resp:	91324
Ion Ratio	Lower	Upper	
77	100		
105	85.7	78.9	118.9
106	88.6	76.7	116.7

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#10

Phenol

Concen: 36.202 ng

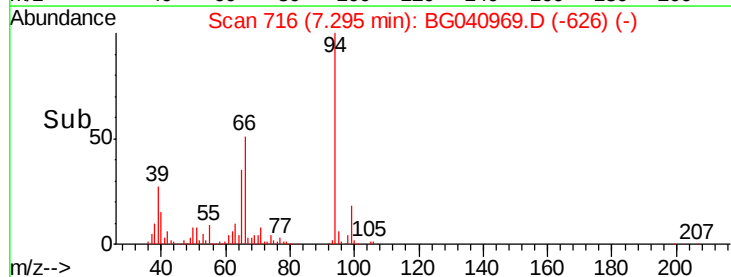
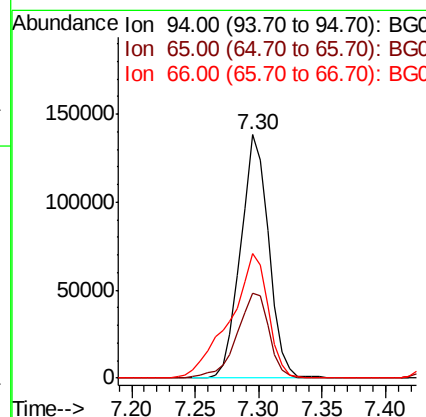
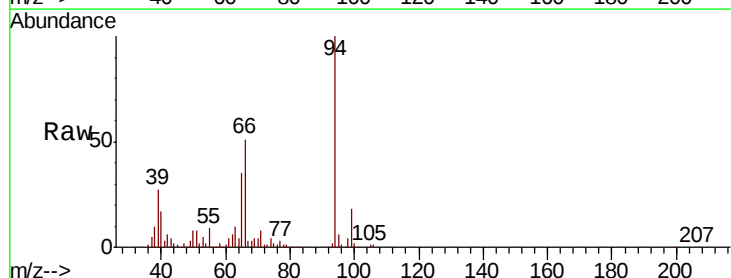
RT: 7.30 min Scan# 716

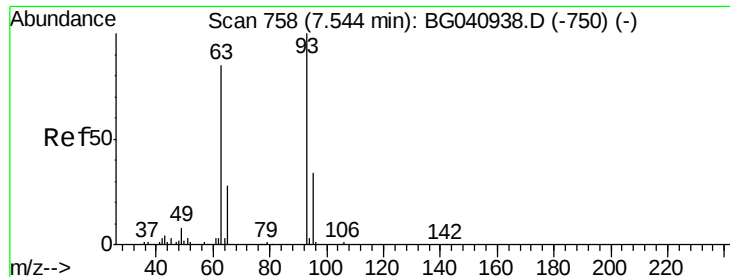
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	94	Resp:	211605
Ion Ratio	Lower	Upper	
94	100		
65	35.1	17.0	57.0
66	51.4	32.4	72.4





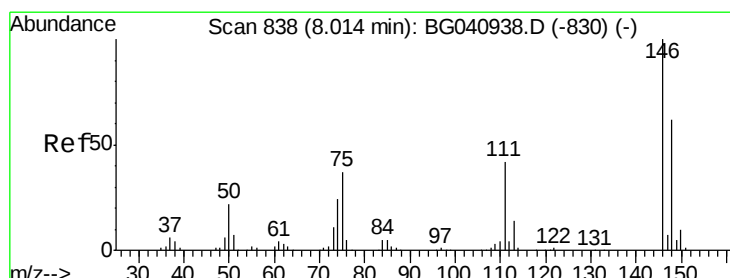
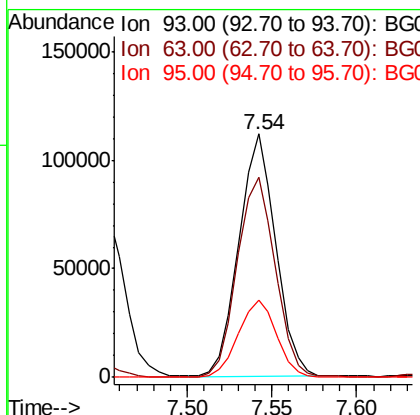
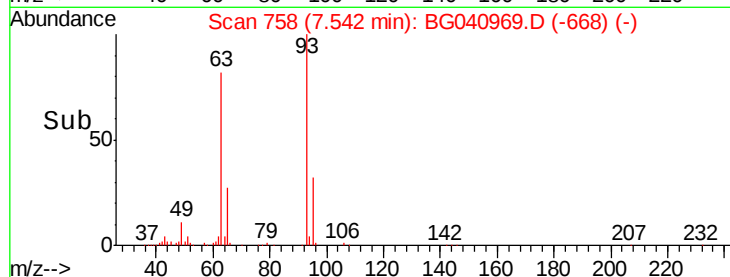
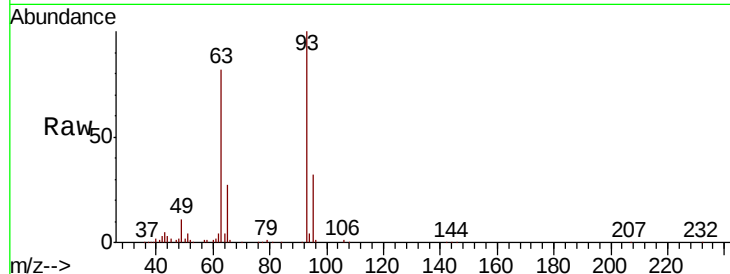
#11
bis(2-Chloroethyl)ether
Concen: 40.111 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion:	93	Resp:	170083
Ion	Ratio	Lower	Upper
93	100		
63	82.2	64.5	104.5
95	31.8	13.3	53.3

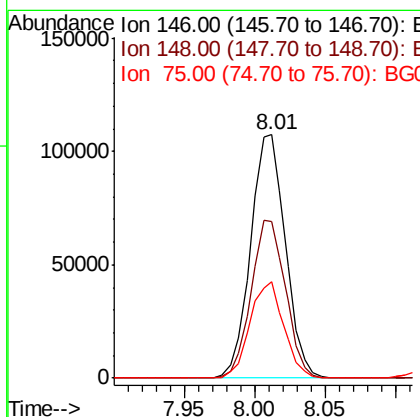
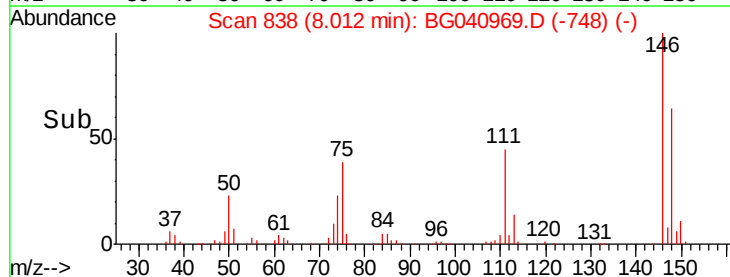
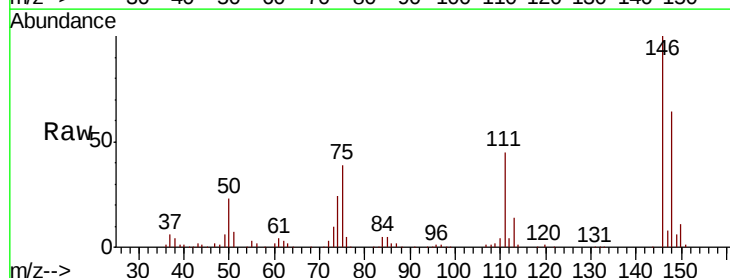
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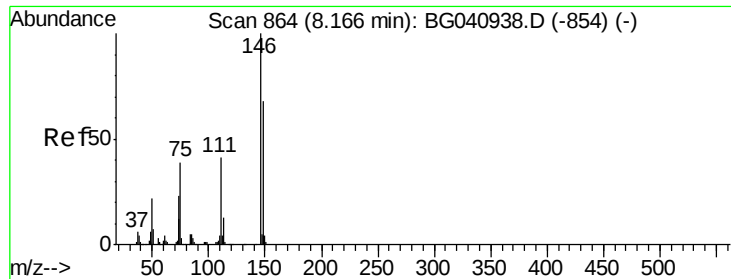
mohammad
5/31/2019 8:19:22 AM



#12
1,3-Dichlorobenzene
Concen: 36.857 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:	146	Resp:	185248
Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.2	73.8
75	39.4	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 37.584 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

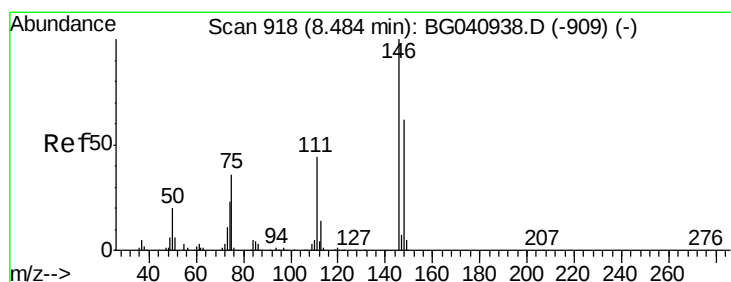
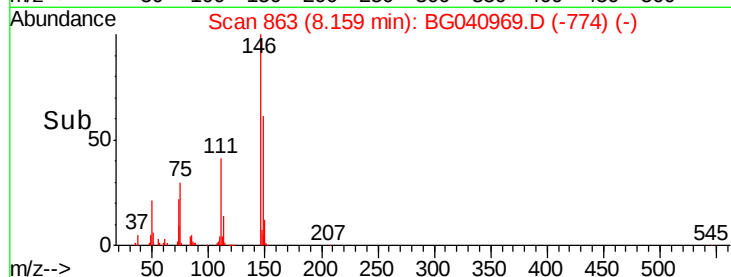
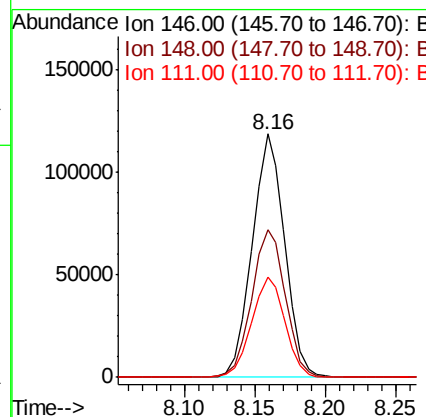
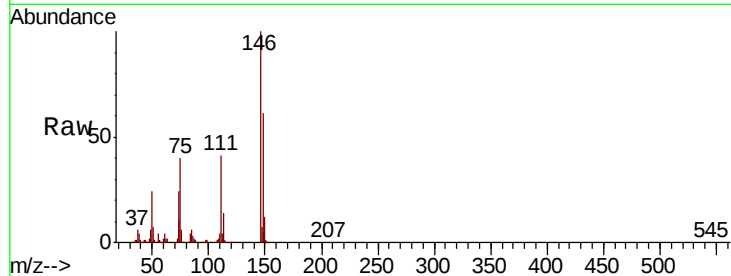
ClientSampleId :

TP-2-SMS

Tot Ion:	146	Resp:	191214
Ion Ratio	Lower	Upper	
146	100		
148	60.6	54.2	81.4
111	41.3	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 37.039 ng

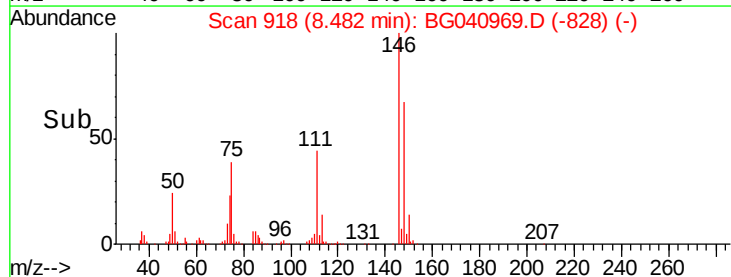
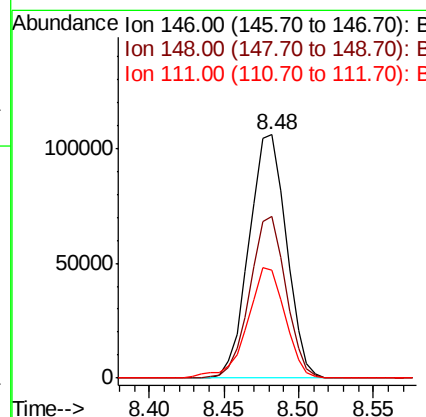
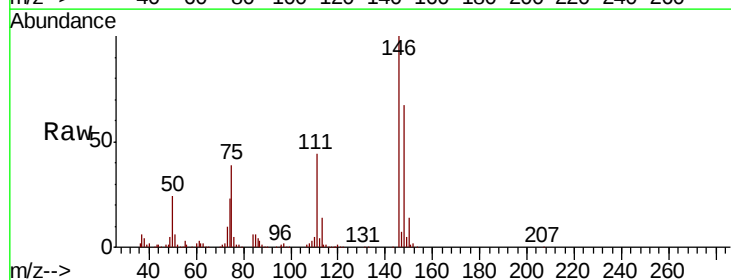
RT: 8.48 min Scan# 918

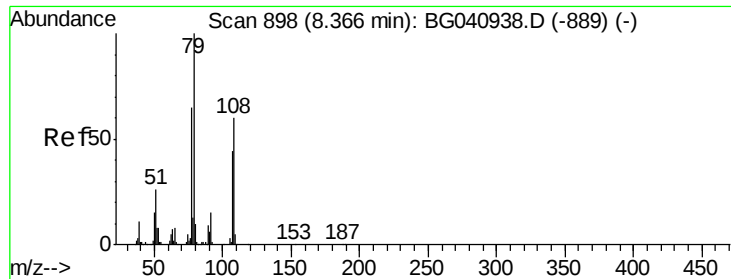
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	146	Resp:	182967
Ion Ratio	Lower	Upper	
146	100		
148	66.6	49.8	74.6
111	44.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 41.799 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

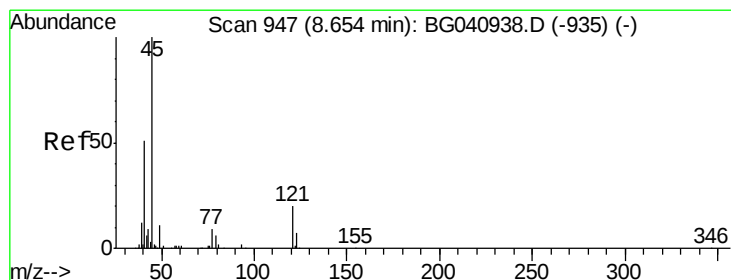
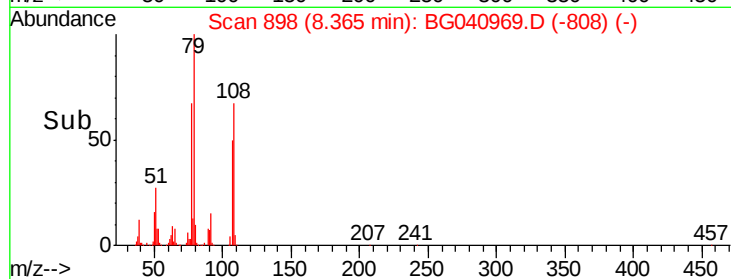
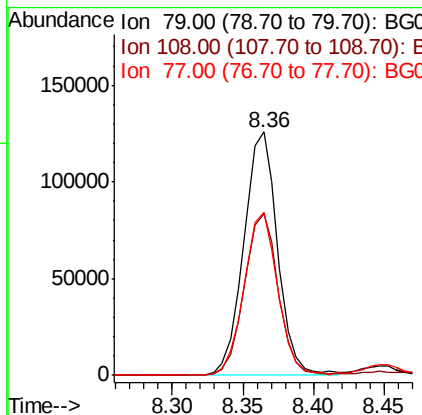
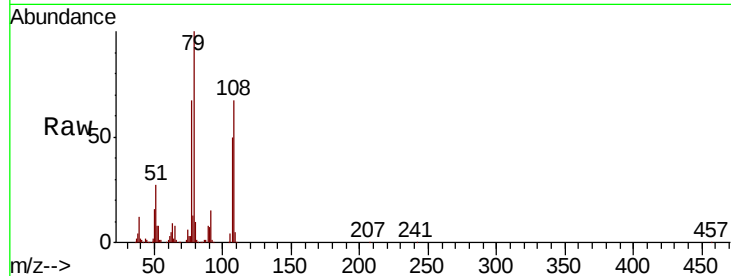
ClientSampleId :

TP-2-SMS

Tot Ion:	79	Resp:	210788
Ion Ratio	Lower	Upper	
79	100		
108	66.6	48.3	72.5
77	66.9	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.014 ng

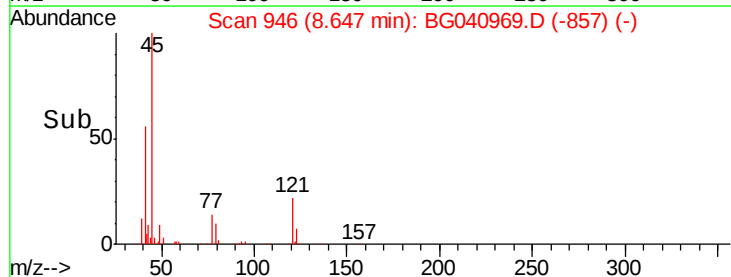
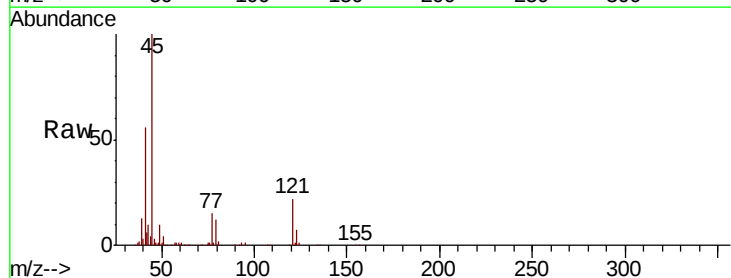
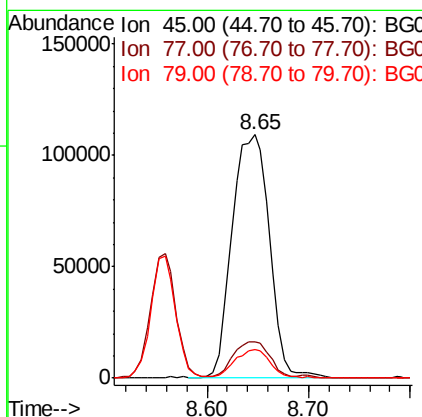
RT: 8.65 min Scan# 946

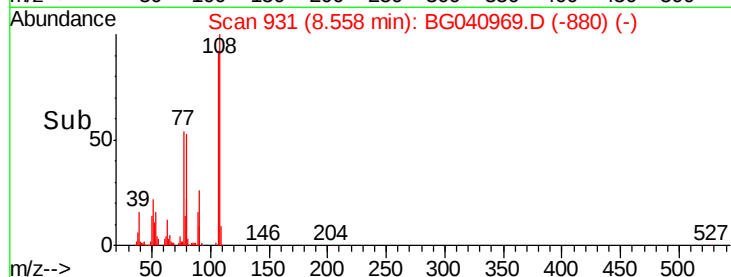
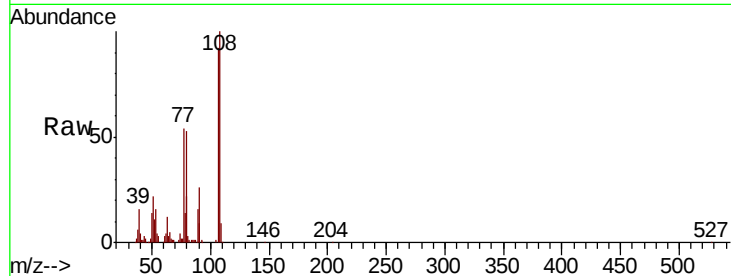
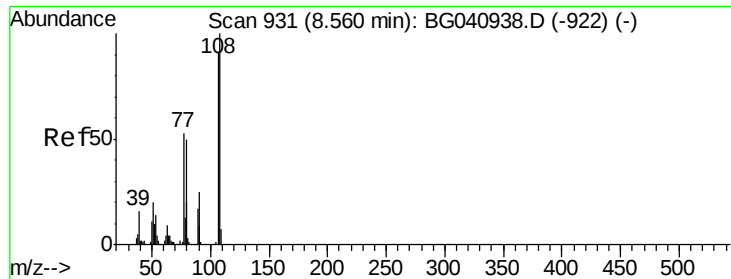
Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

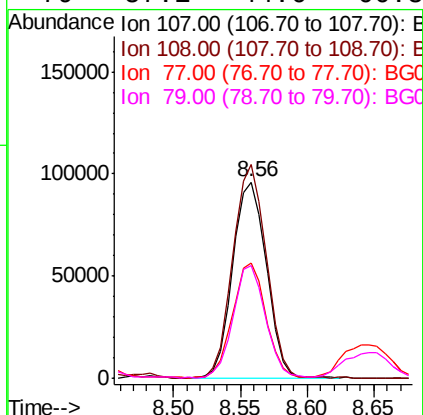
Tgt Ion:	45	Resp:	277258
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	33.7
79	11.6	0.0	30.2





#17
2-Methylphenol
Concen: 40.146 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

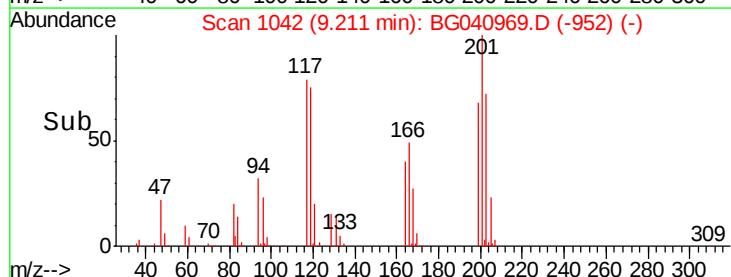
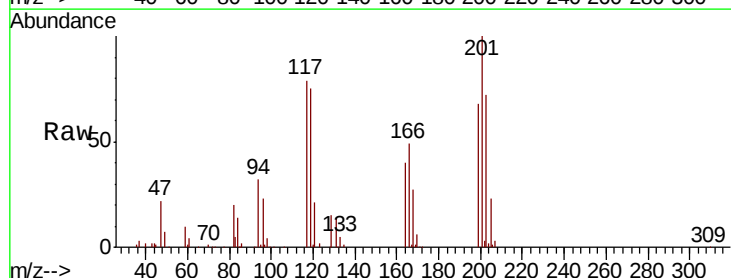
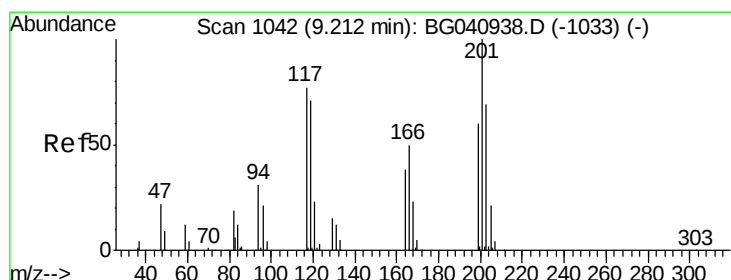
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	87.7	131.5	
77	58.5	46.6	70.0	
79	57.1	44.6	66.8	



Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

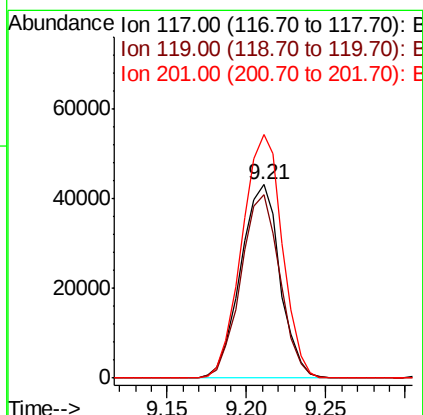
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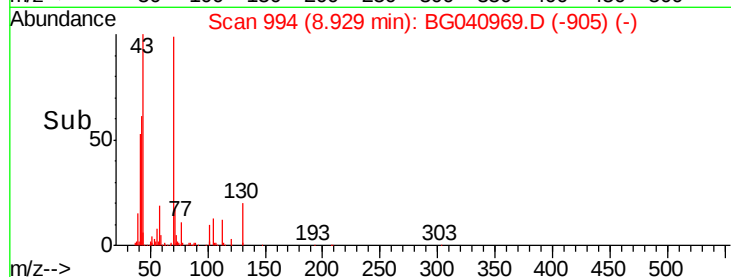
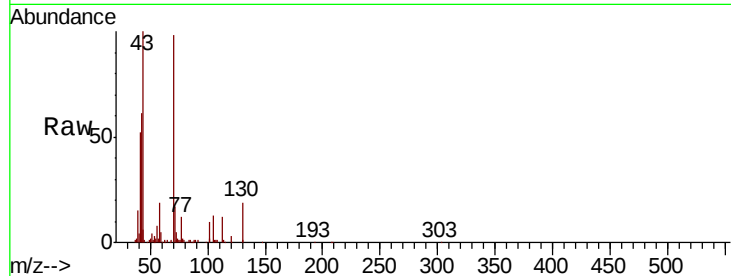
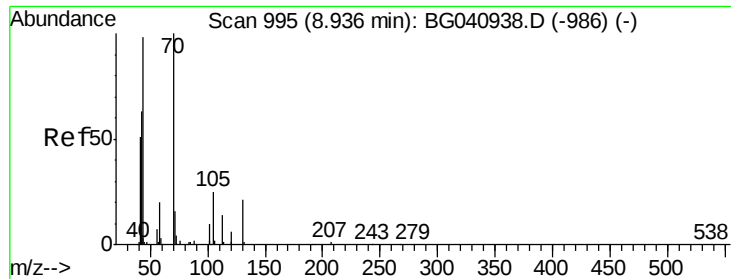
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#18
Hexachloroethane
Concen: 37.973 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.0	112.6	
201	125.9	103.5	155.3	





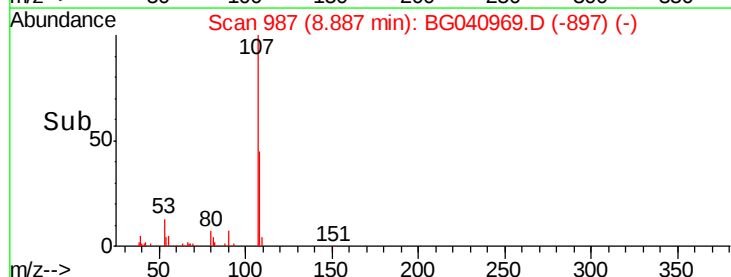
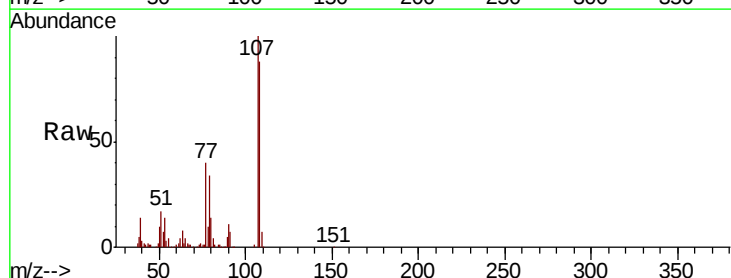
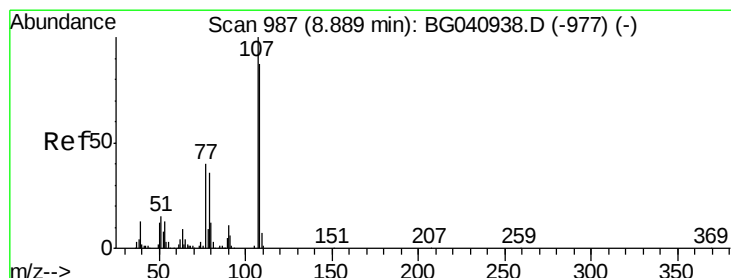
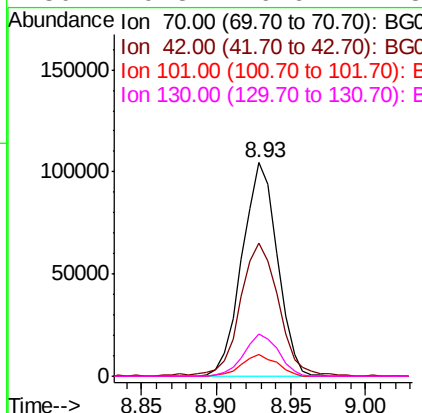
#19
n-Nitroso-di-n-propylamine
Concen: 40.724 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		170846		
42	62.0	51.5	77.3		
101	10.3	8.1	12.1		
130	19.8	16.6	24.8		

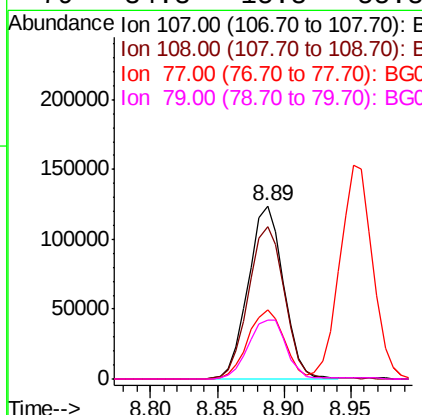
Manual Integrations
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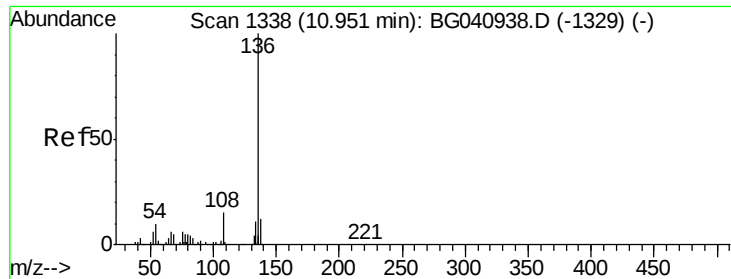
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#20
3+4-Methylphenols
Concen: 38.626 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		226436		
108	88.0	66.8	106.8		
77	40.2	20.5	60.5		
79	34.3	15.8	55.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

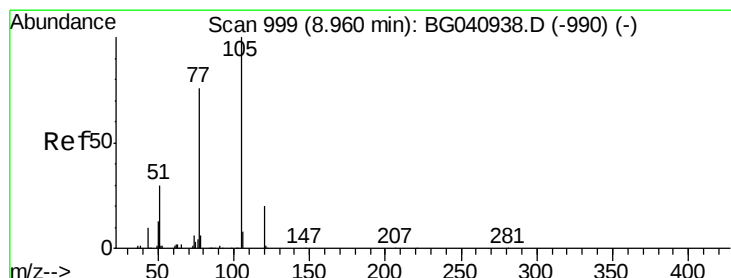
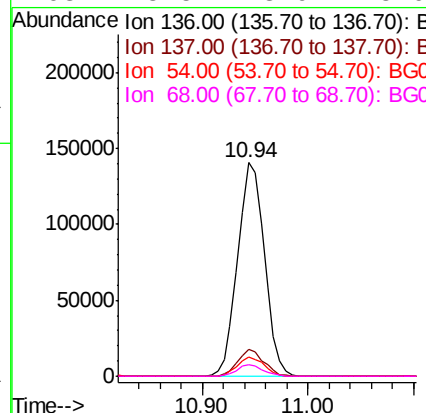
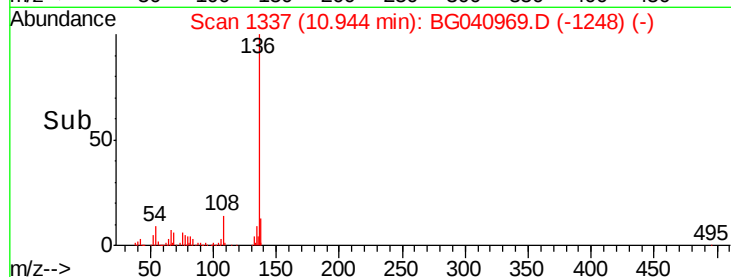
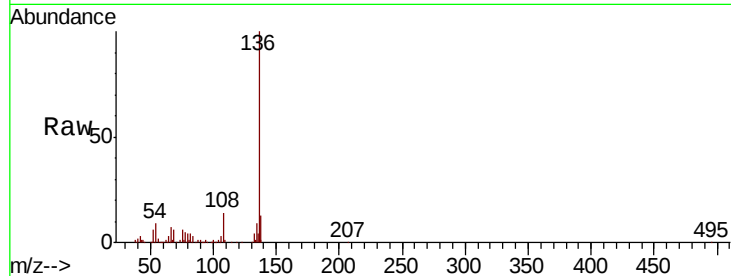
ClientSampleId :

TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247441		
137	12.8		9.5	14.3
54	8.9		7.6	11.4
68	5.5		3.9	5.9

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#22

Acetophenone

Concen: 44.943 ng

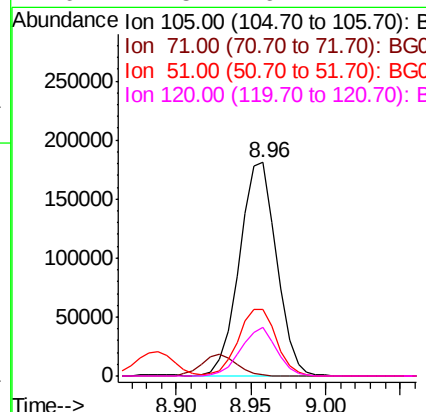
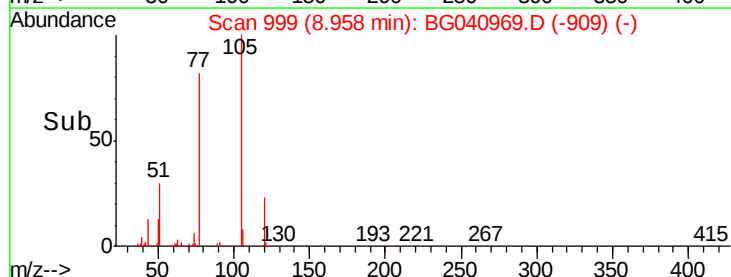
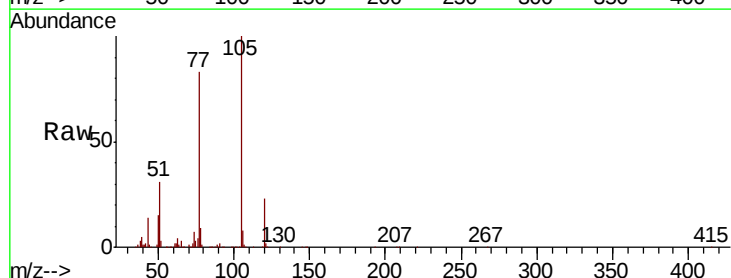
RT: 8.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	311958		
71	0.3		0.4	0.6#
51	30.9		27.0	40.6
120	22.5		16.2	24.4





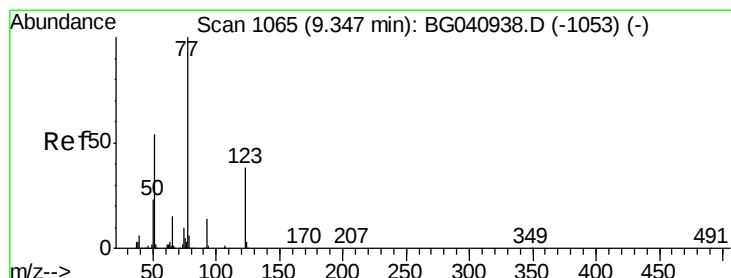
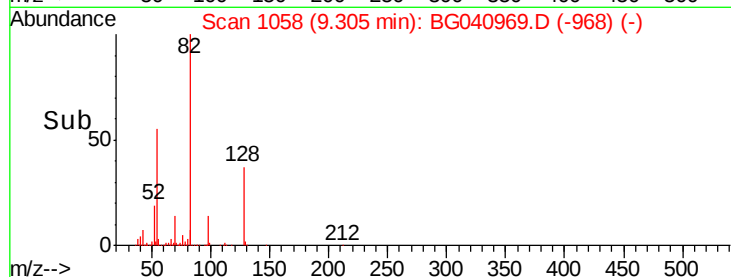
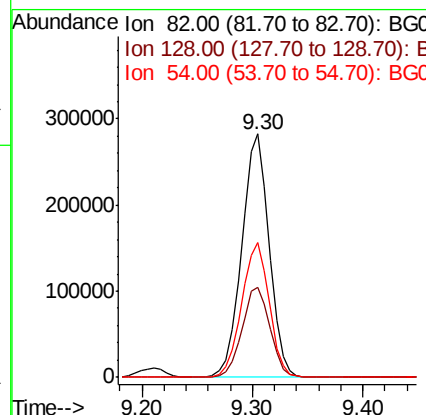
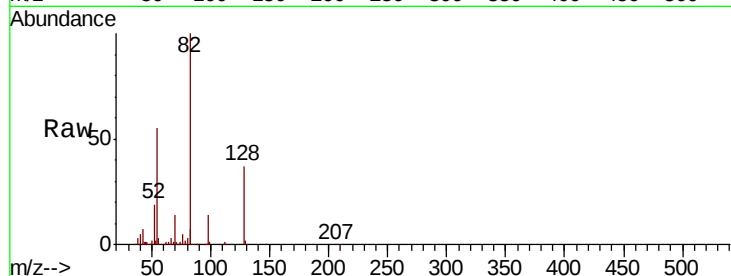
#23
Nitrobenzene-d5
Concen: 88.141 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	55.3	44.6	66.8

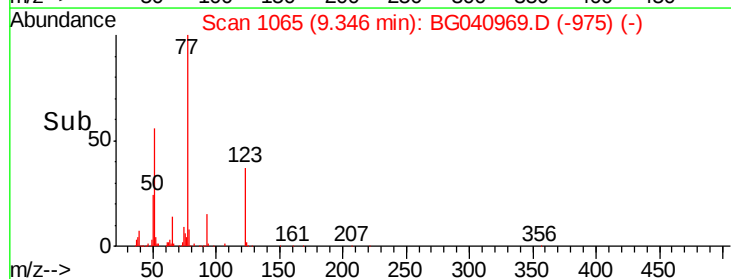
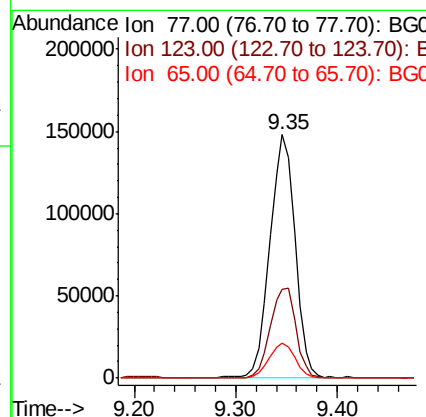
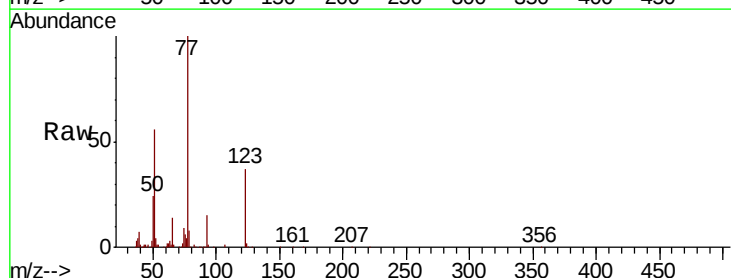
Manual Integrations
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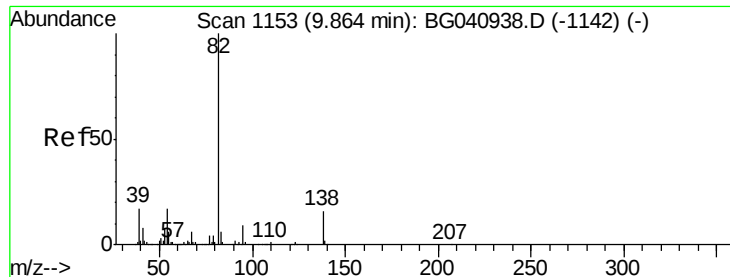
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#24
Nitrobenzene
Concen: 45.185 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	30.6	46.0
65	14.4	12.3	18.5





#25

Isophorone

Concen: 45.393 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

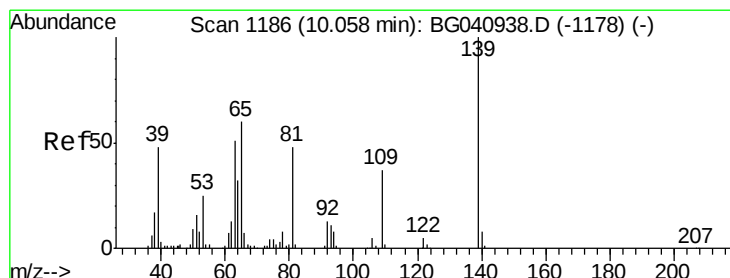
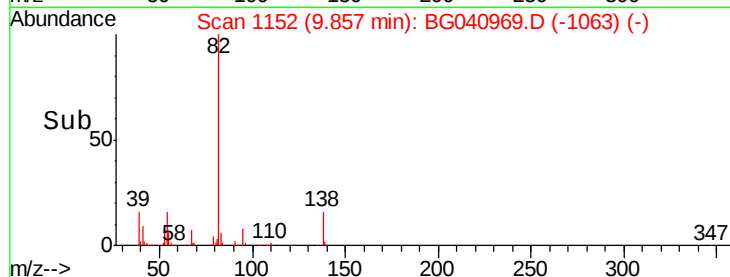
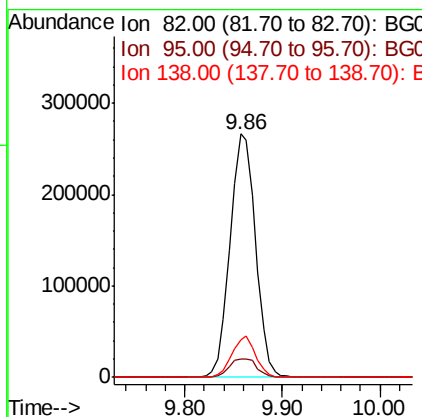
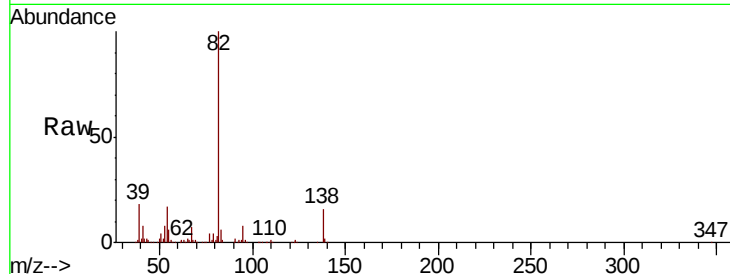
ClientSampleId :

TP-2-SMS

Tot Ion:	82	Resp:	481504
Ion Ratio	Lower	Upper	
82	100		
95	7.7	7.0	10.4
138	15.6	12.6	19.0

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#26

2-Nitrophenol

Concen: 46.787 ng

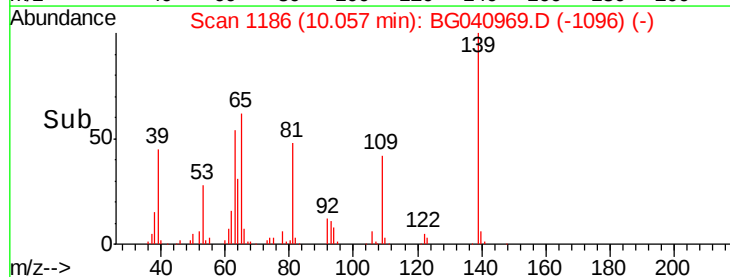
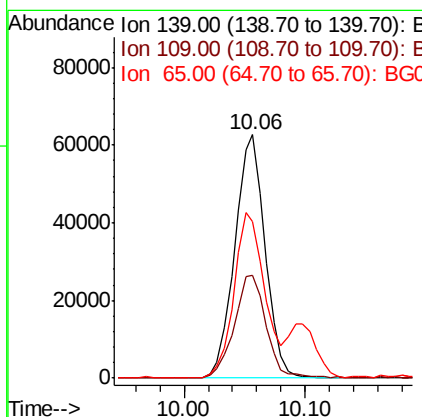
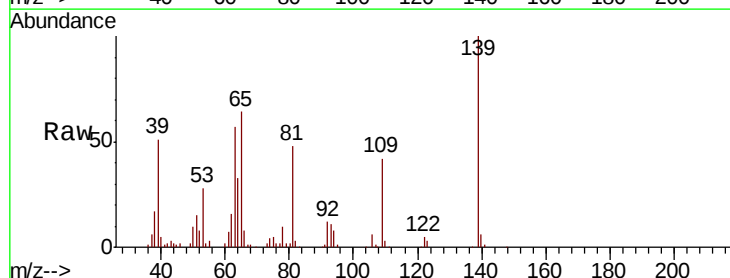
RT: 10.06 min Scan# 1186

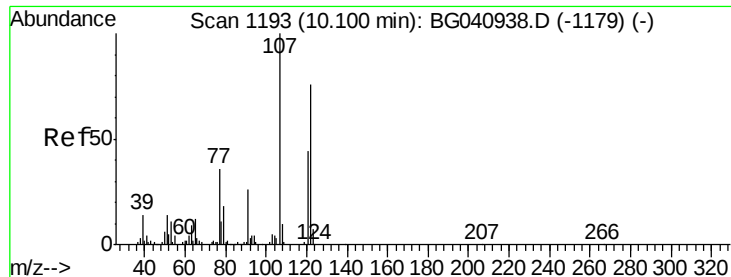
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	139	Resp:	109560
Ion Ratio	Lower	Upper	
139	100		
109	42.1	29.8	44.6
65	64.3	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 48.699 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

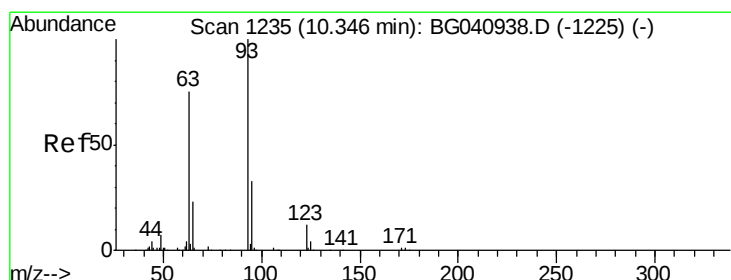
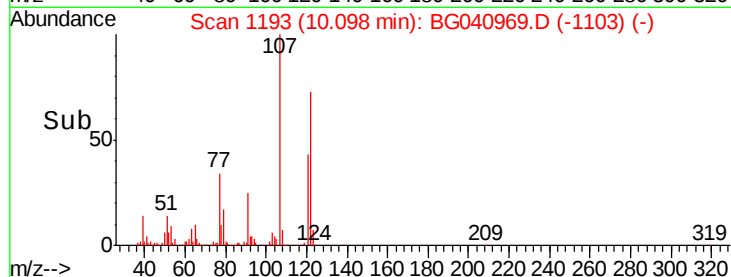
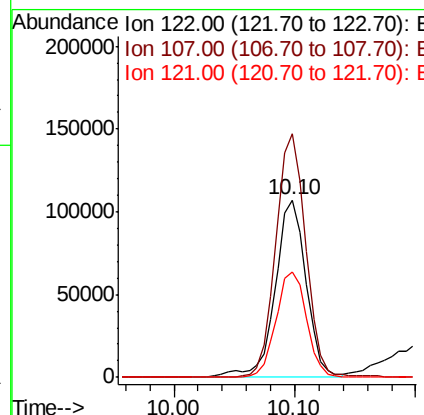
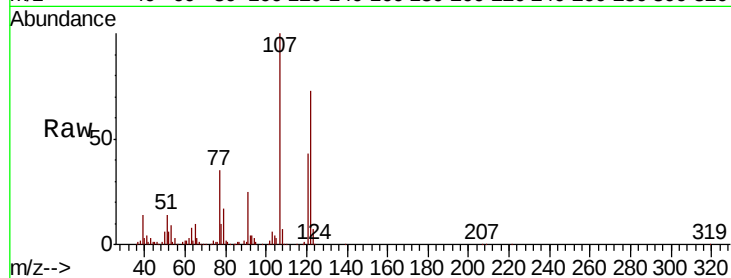
ClientSampleId :

TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	188338		
107	137.1	105.9	158.9	
121	59.2	46.2	69.4	

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#28

bis(2-Chloroethoxy)methane

Concen: 44.039 ng

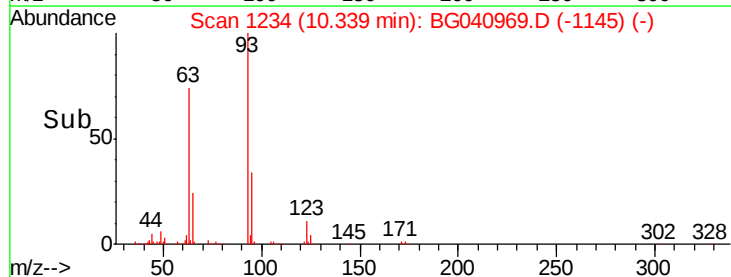
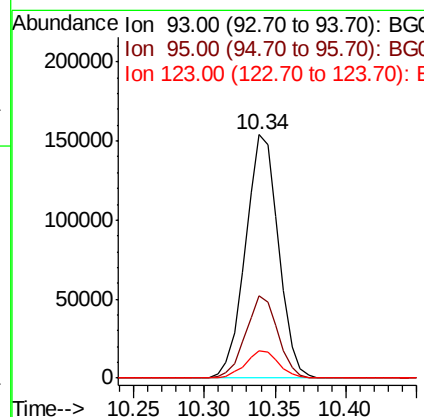
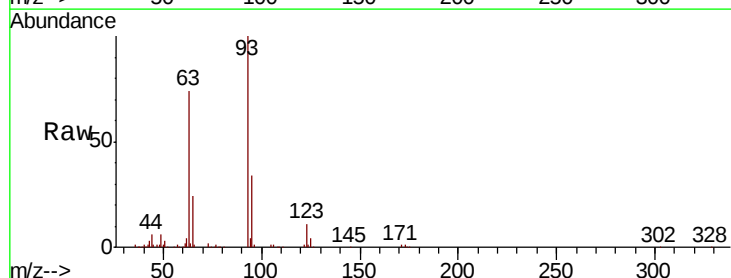
RT: 10.34 min Scan# 1234

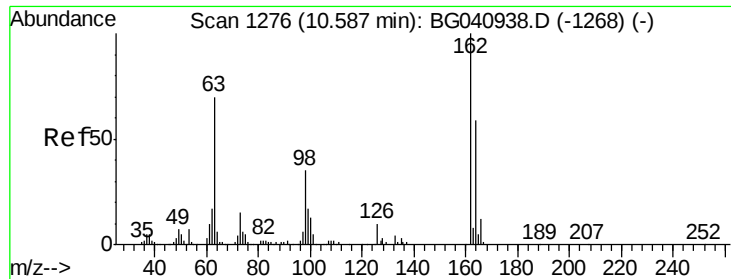
Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252124		
95	33.9	26.2	39.2	
123	11.1	9.5	14.3	





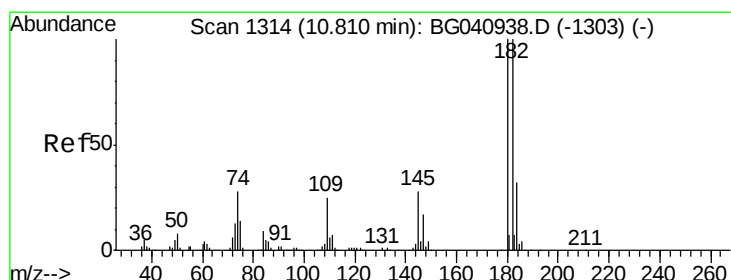
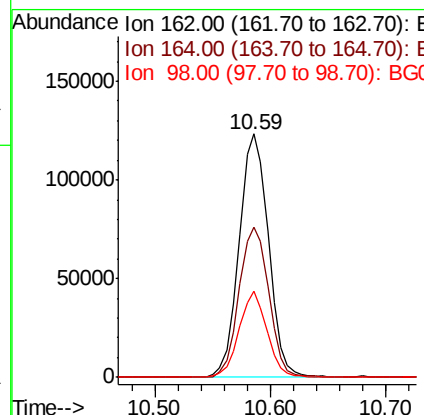
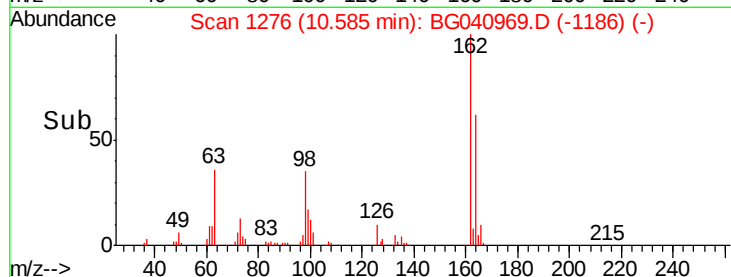
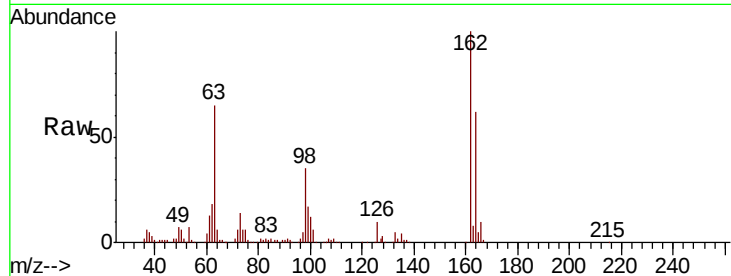
#29
2,4-Dichlorophenol
Concen: 44.222 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.7	39.4	79.4
98	35.5	15.3	55.3

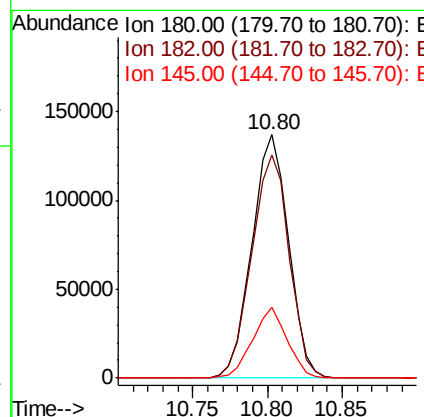
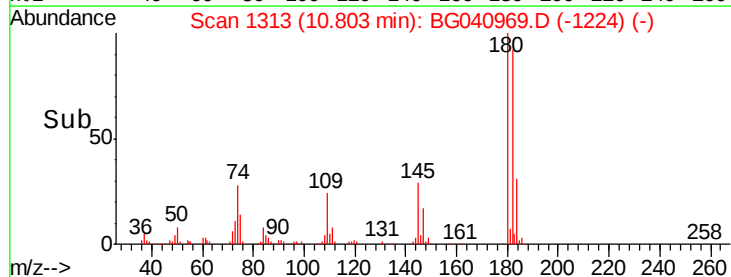
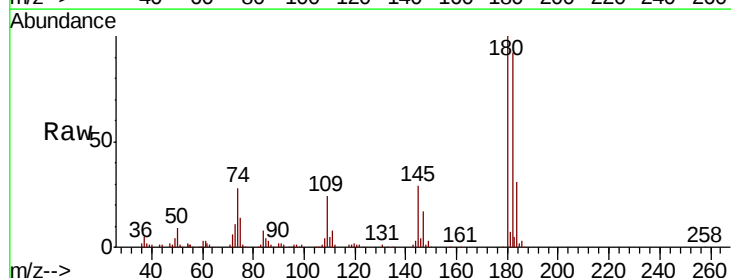
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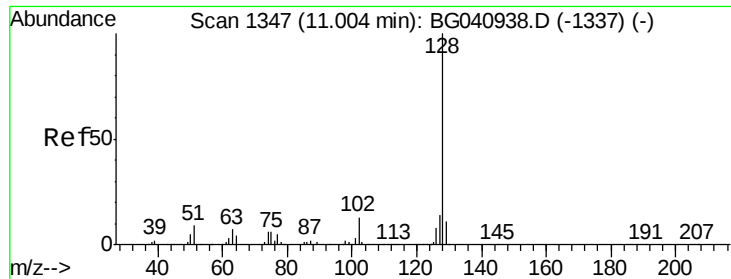
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#30
1,2,4-Trichlorobenzene
Concen: 41.579 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.8	79.7	119.5
145	29.3	22.6	34.0





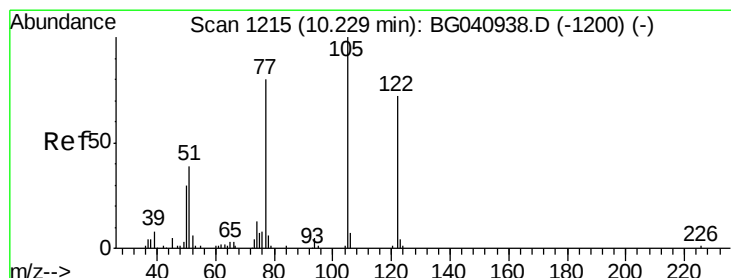
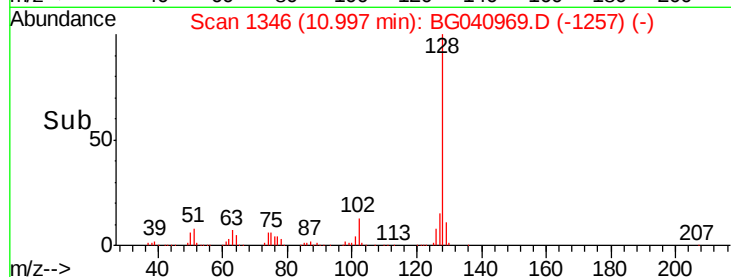
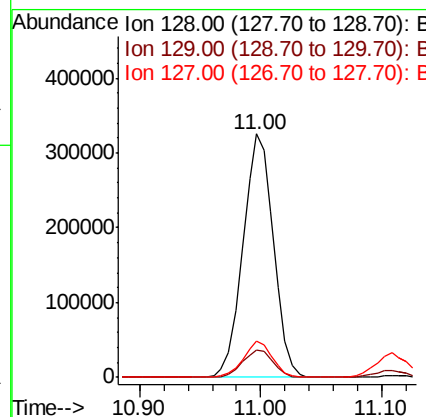
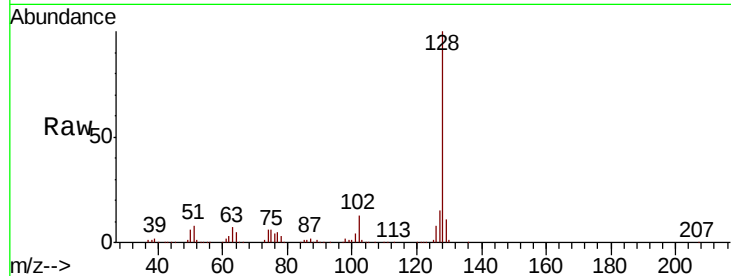
#31
Naphthalene
Concen: 42.953 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	570652		
129	11.0		8.5	12.7
127	14.8		11.4	17.2

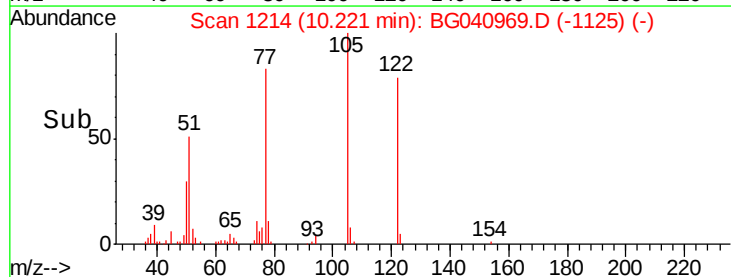
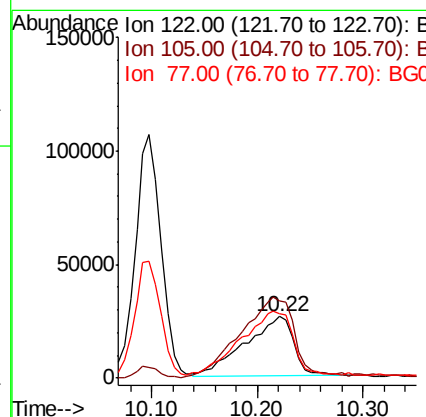
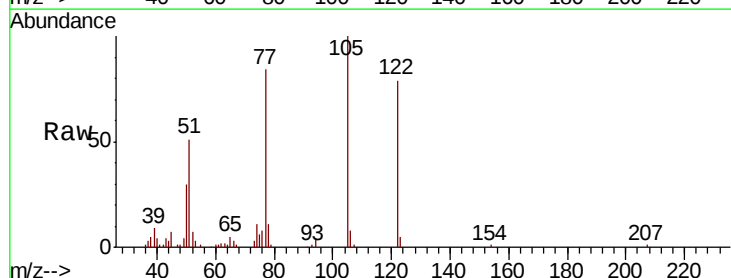
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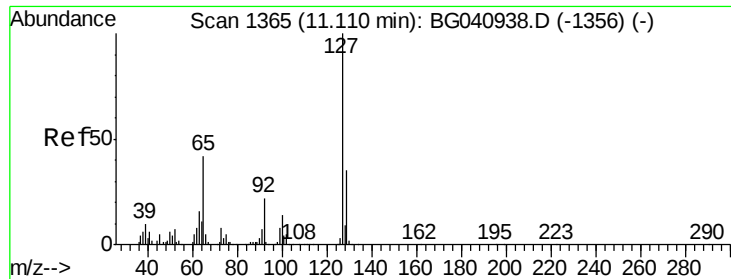
mohammad
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#32
Benzoic acid
Concen: 31.699 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85327		
105	125.8		114.8	154.8
77	105.5		89.9	129.9





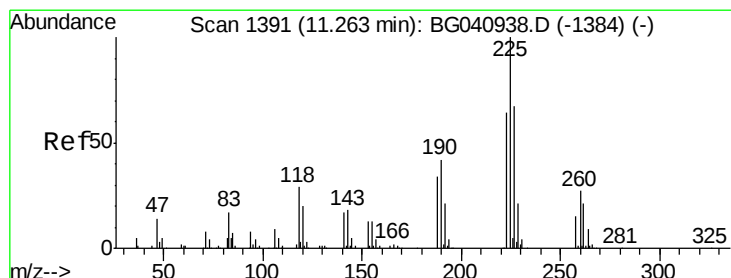
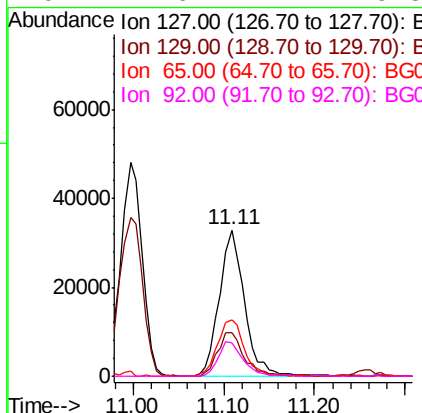
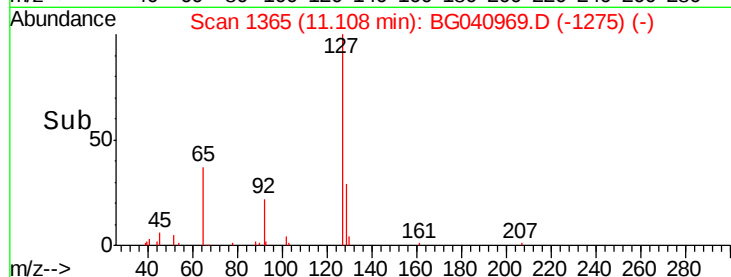
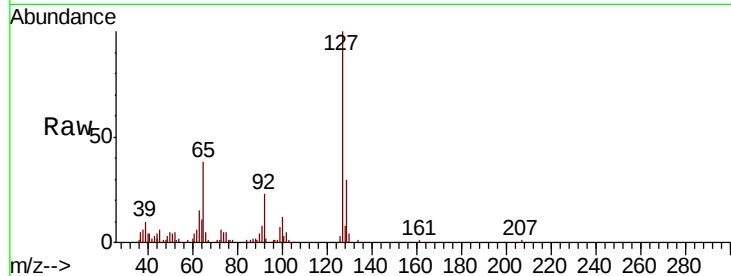
#33
4-Chloroaniline
Concen: 10.291 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.7	41.5
65	38.4	33.2	49.8
92	22.6	17.2	25.8

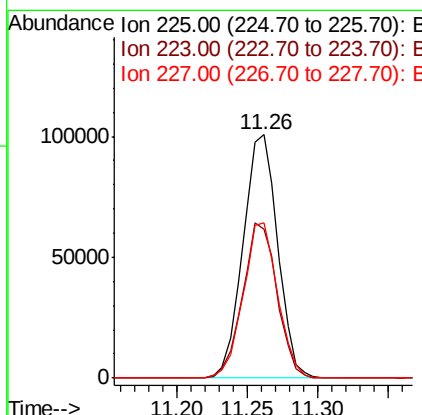
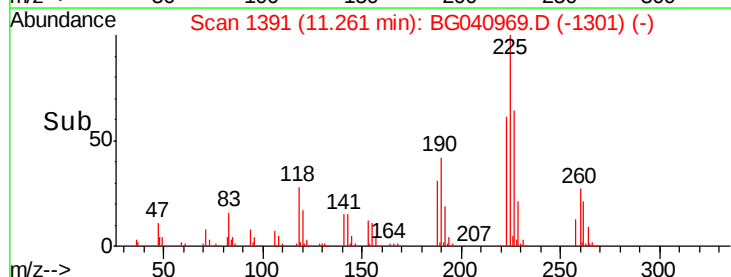
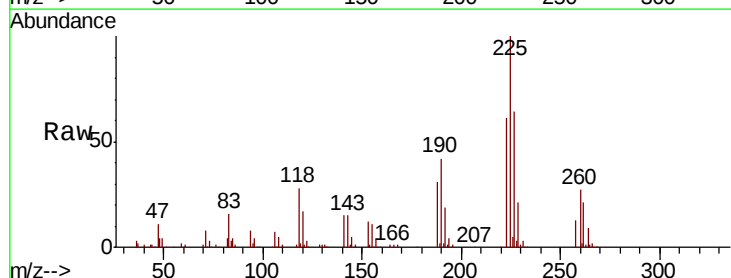
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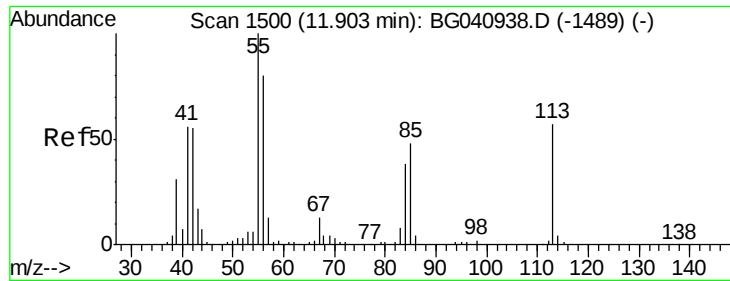
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#34
Hexachlorobutadiene
Concen: 40.462 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.8	73.2
227	63.9	51.4	77.0





#35

Caprolactam

Concen: 33.643 ng/mL

RT: 11.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

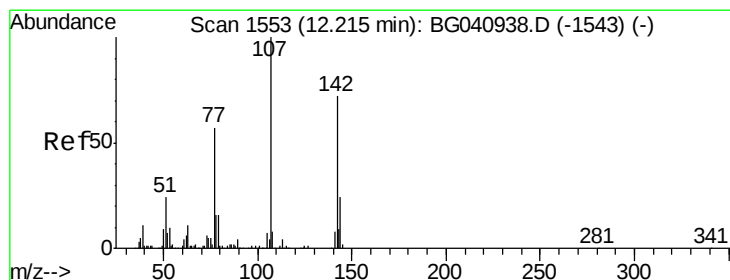
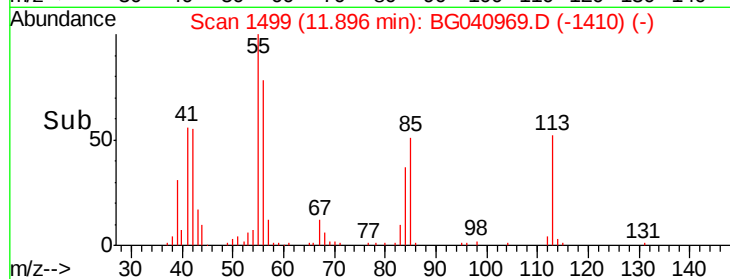
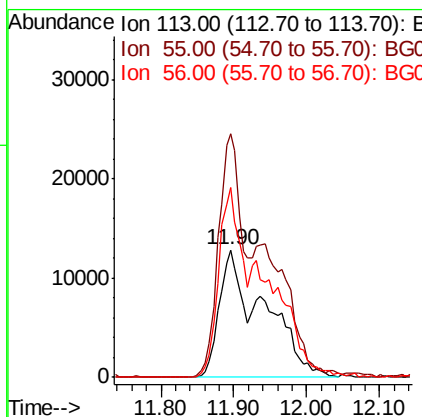
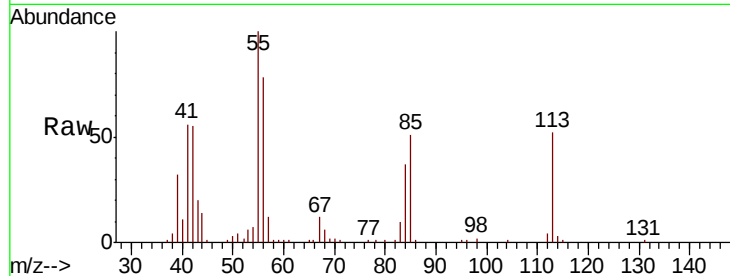
ClientSampleID :

TP-2-SMS

Tot Ion:	113	Resp:	54562
Ion Ratio	Lower	Upper	
113	100		
55	190.8	155.9	195.9
56	148.6	119.9	159.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.965 ng/mL

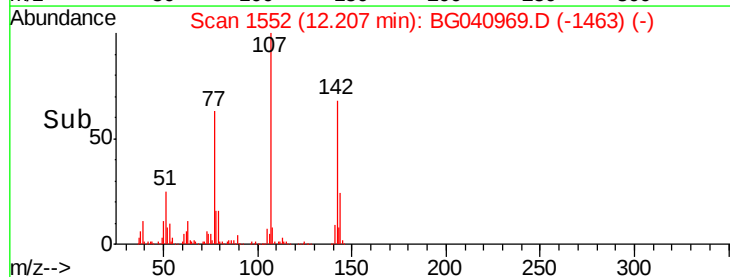
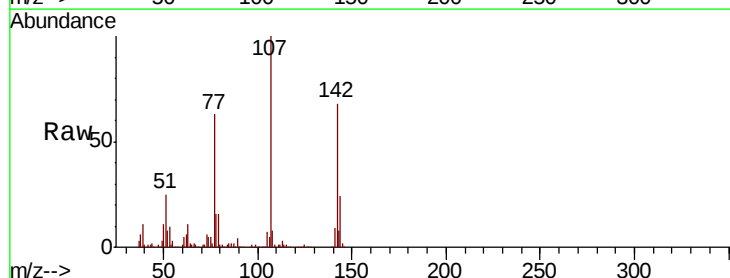
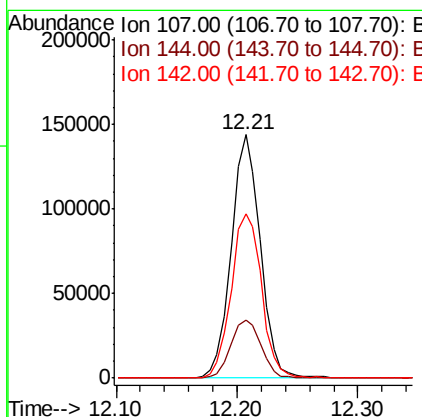
RT: 12.21 min Scan# 1552

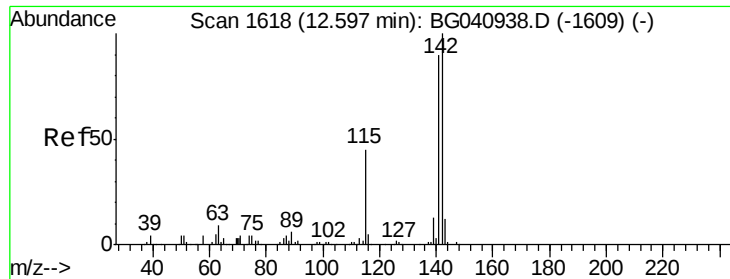
Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	107	Resp:	240984
Ion Ratio	Lower	Upper	
107	100		
144	23.7	19.4	29.0
142	67.5	57.3	85.9





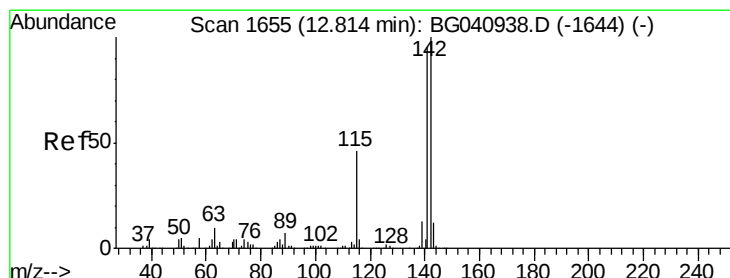
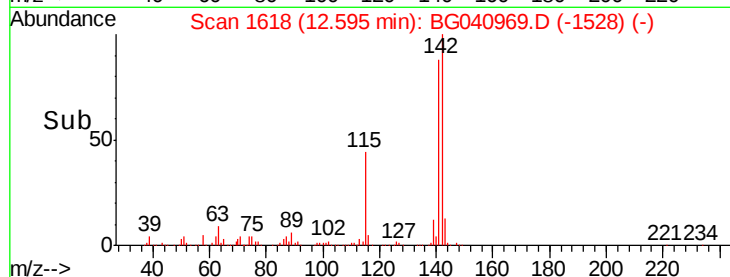
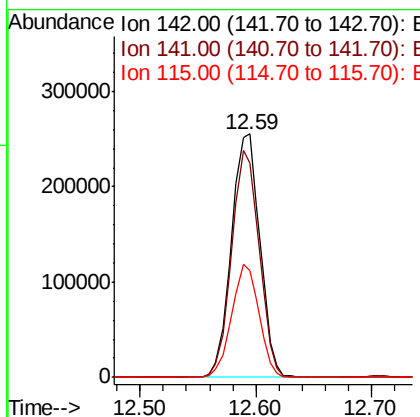
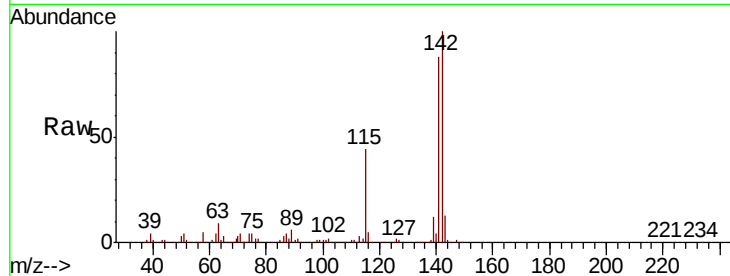
#37
2-Methylnaphthalene
Concen: 42.531 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.2	108.4
115	44.0	36.2	54.4

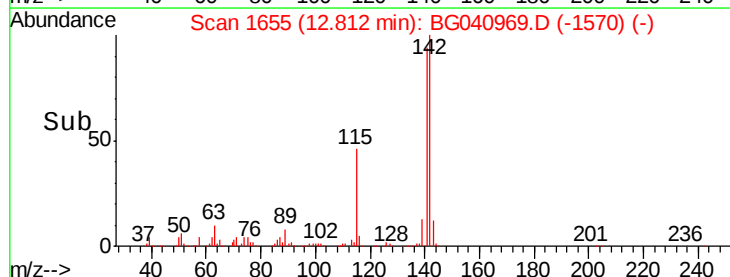
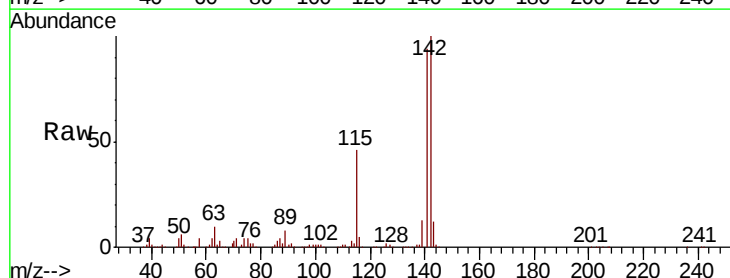
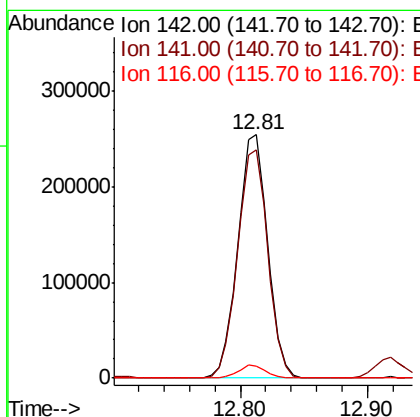
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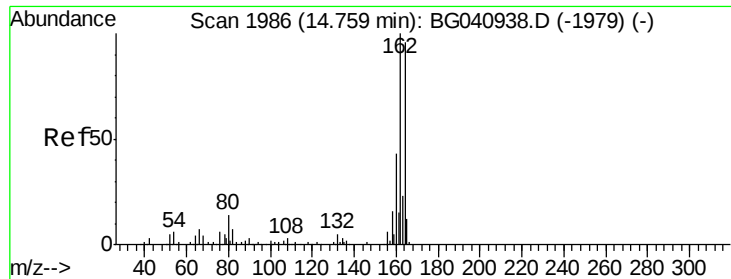
mohammad
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#38
1-Methylnaphthalene
Concen: 42.919 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

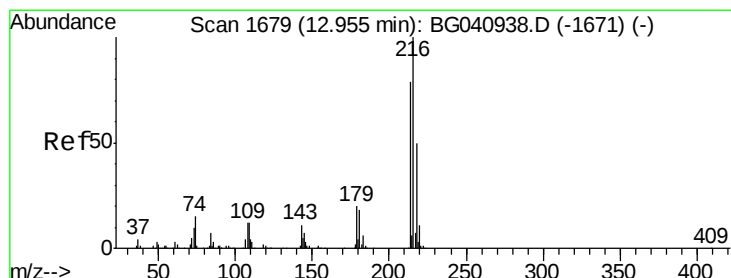
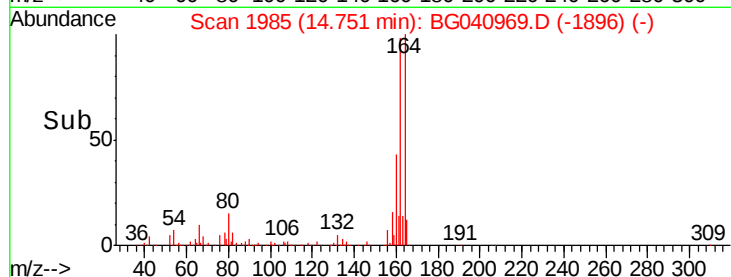
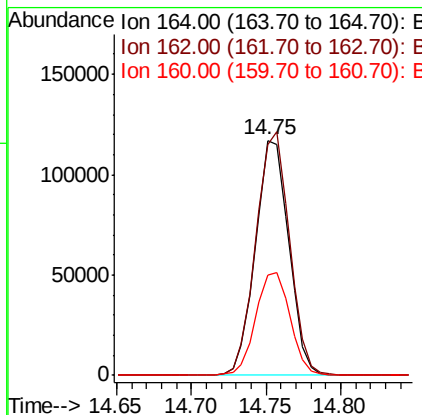
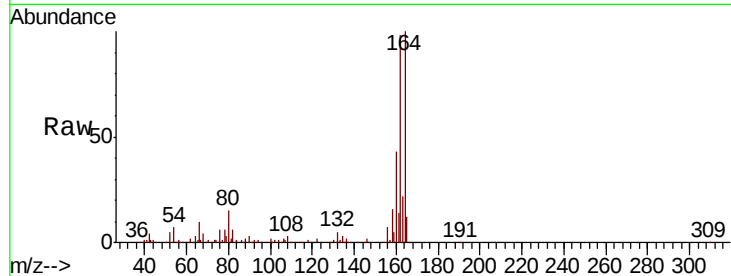
ClientSampleId :

TP-2-SMS

Tot Ion:	164	Resp:	180083
Ion Ratio	Lower	Upper	
164	100		
162	97.9	83.0	124.4
160	42.7	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.676 ng

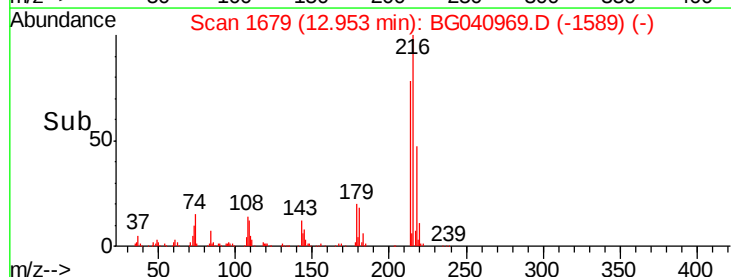
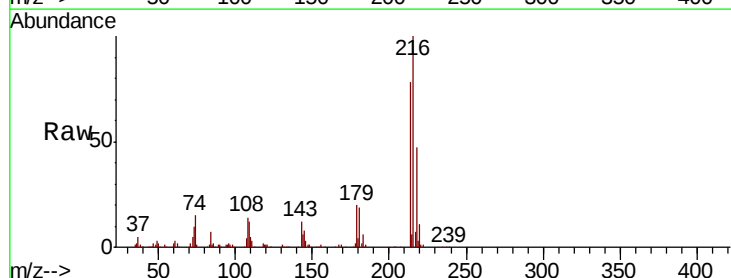
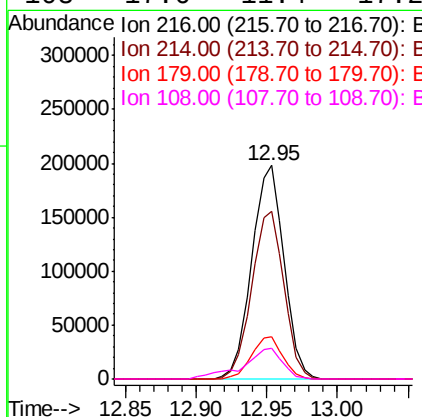
RT: 12.95 min Scan# 1679

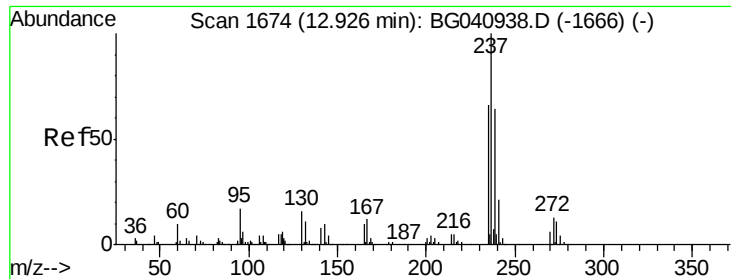
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	216	Resp:	317015
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.4	95.2
179	19.3	15.2	22.8
108	17.6	11.4	17.2#





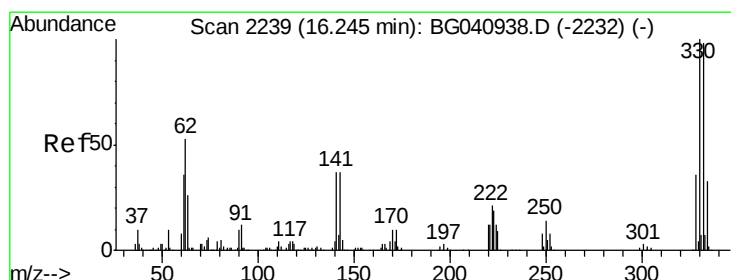
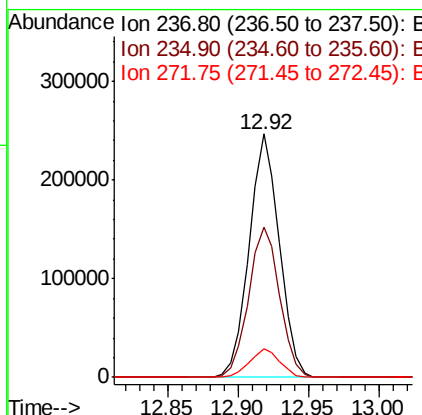
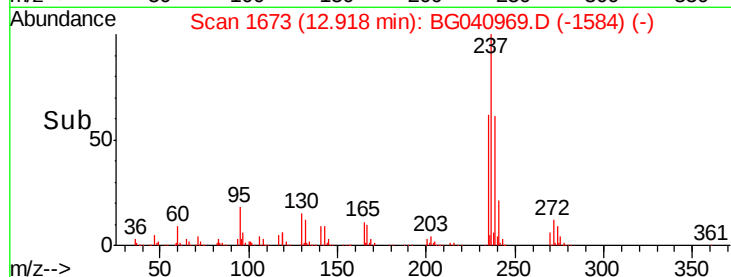
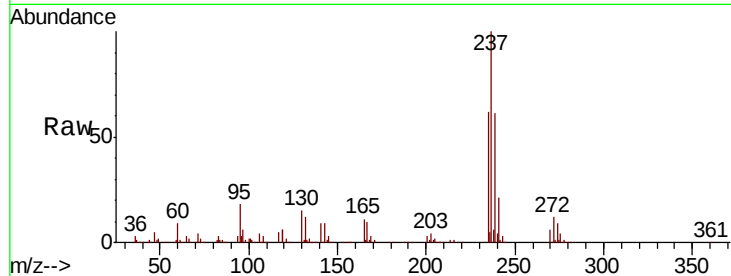
#41
Hexachlorocyclopentadiene
Concen: 93.098 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	45.5	85.5
272	11.8	0.0	32.9

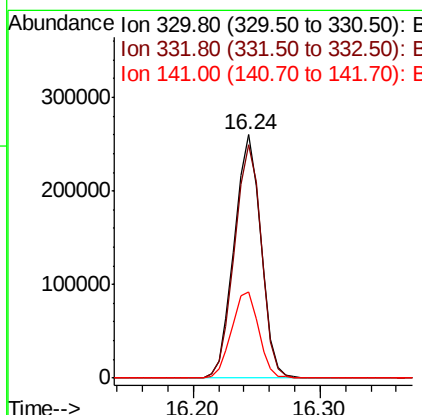
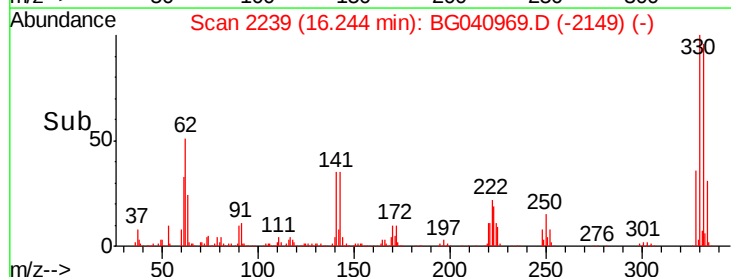
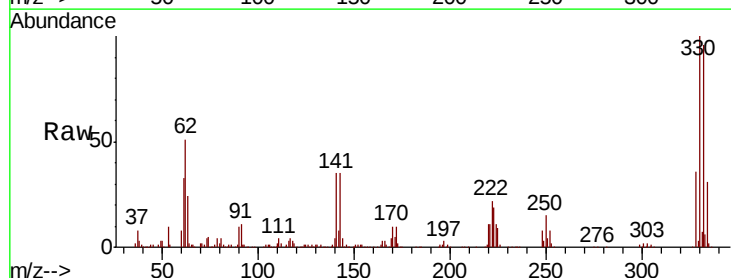
Manual Integrations
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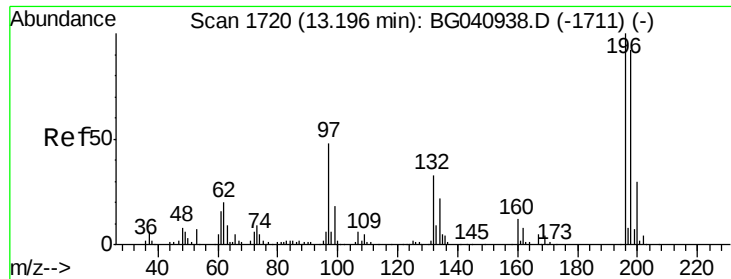
mohammad
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#42
2,4,6-Tribromophenol
Concen: 141.893 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.4	78.5	117.7
141	35.9	28.7	43.1





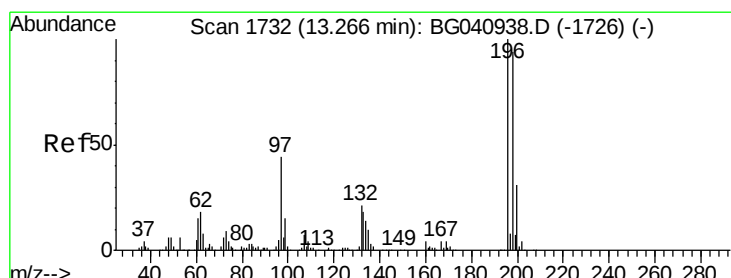
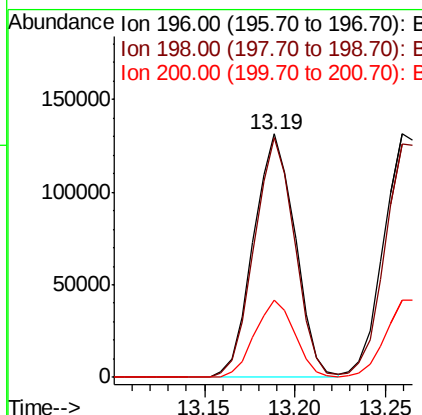
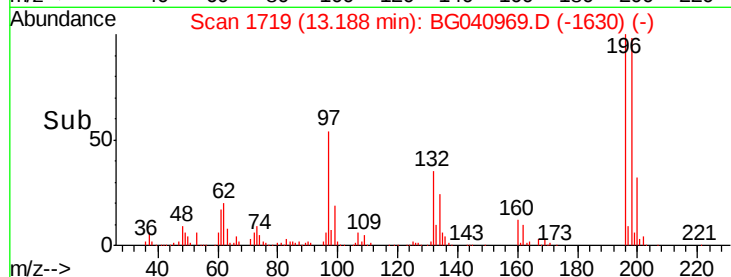
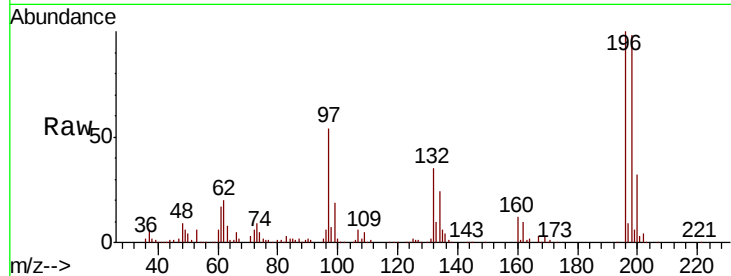
#43
 2,4,6-Trichlorophenol
 Concen: 44.429 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208614		
198	98.3	73.8	110.6	
200	31.9	24.1	36.1	

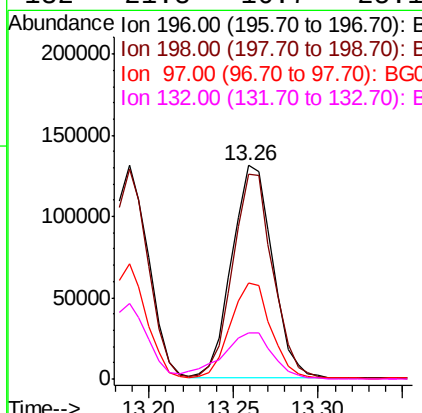
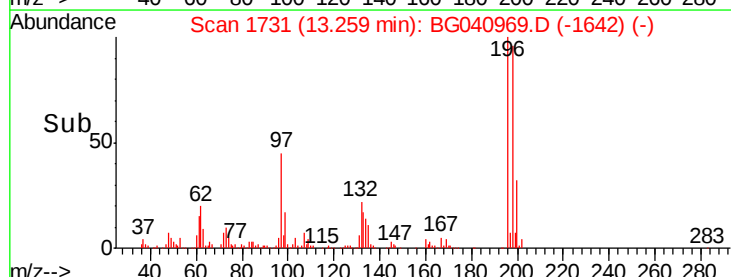
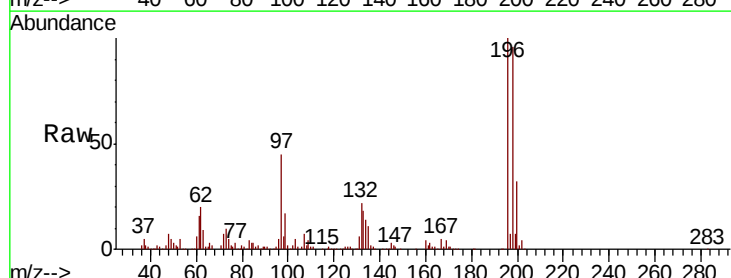
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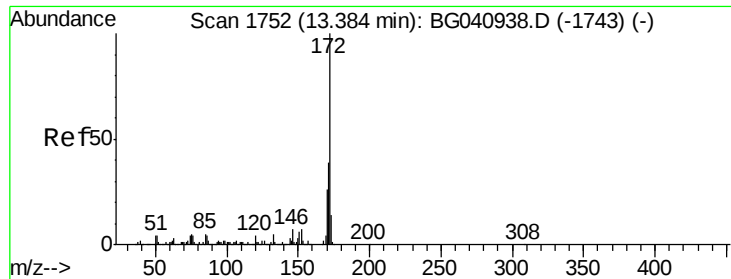
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.396 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219849		
198	95.9	75.1	112.7	
97	44.8	35.6	53.4	
132	21.8	16.7	25.1	





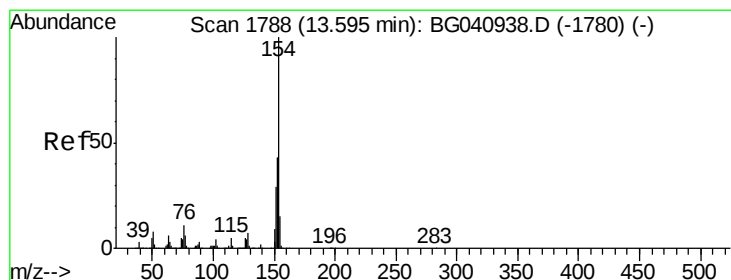
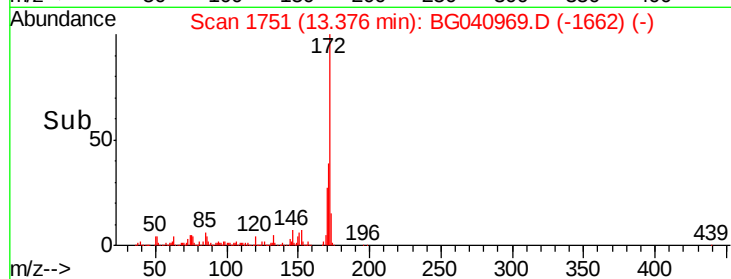
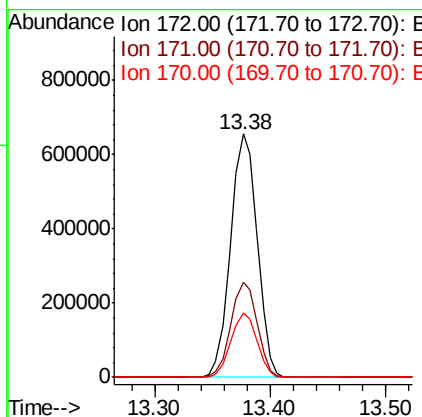
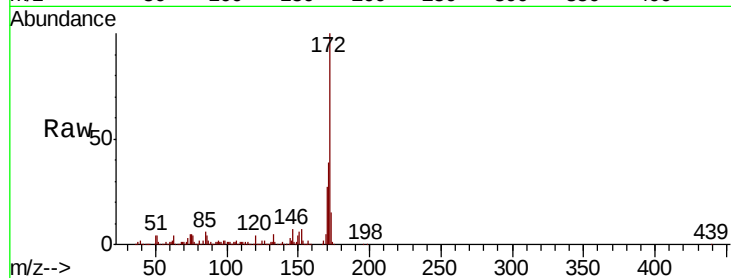
#45
2-Fluorobiphenyl
Concen: 83.794 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	26.7	20.5	30.7

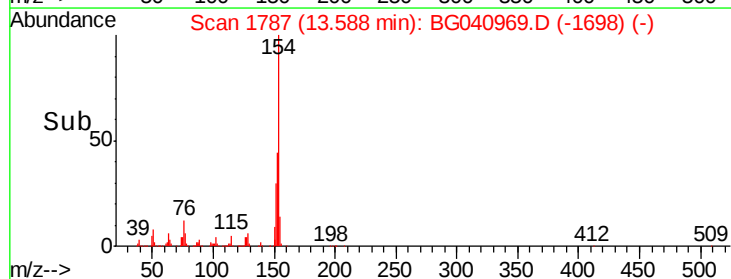
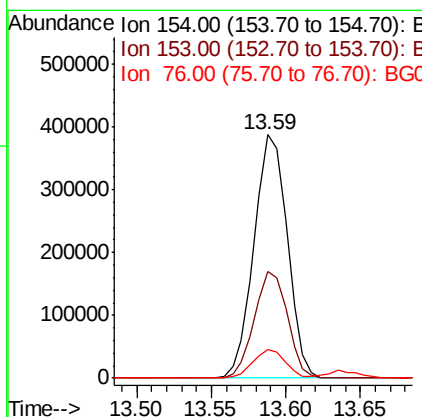
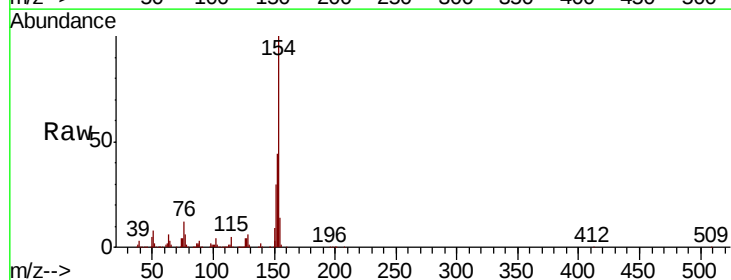
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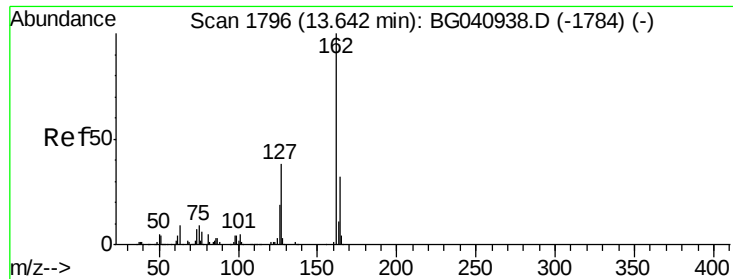
mohammad
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#46
1,1'-Biphenyl
Concen: 44.893 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.3	63.3
76	11.9	0.0	31.1





#47

2-Chloronaphthalene

Concen: 42.647 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

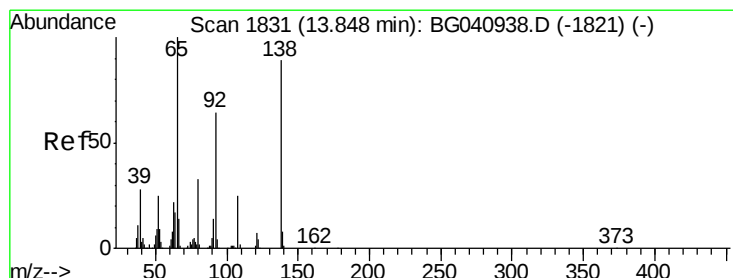
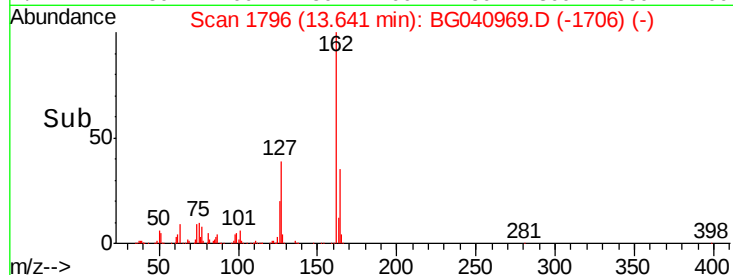
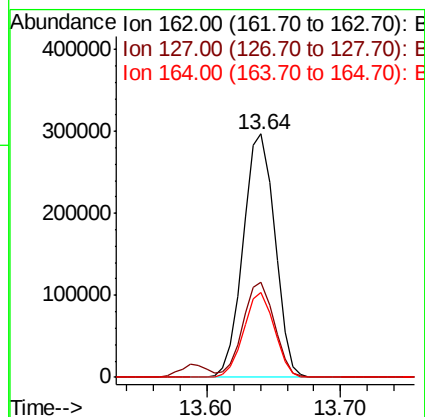
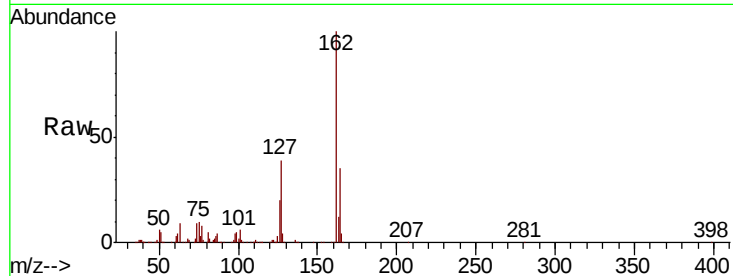
ClientSampleId :

TP-2-SMS

Tot Ion:	162	Resp:	488042
Ion Ratio	Lower	Upper	
162	100		
127	38.8	30.5	45.7
164	34.8	25.8	38.6

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#48

2-Nitroaniline

Concen: 44.545 ng

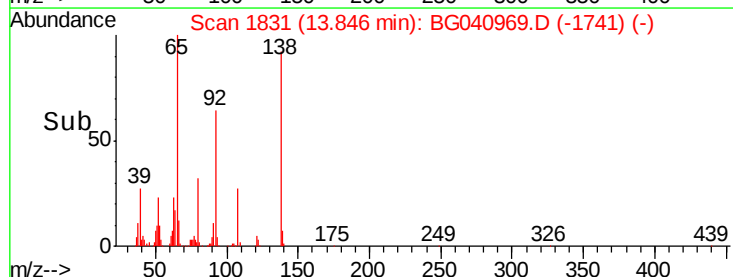
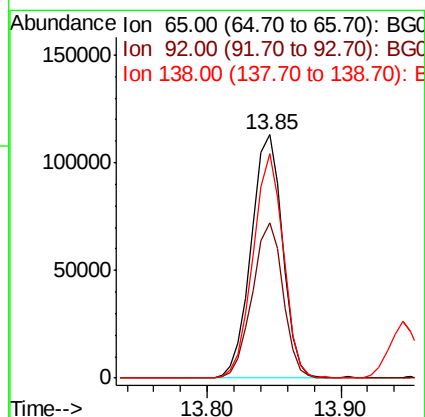
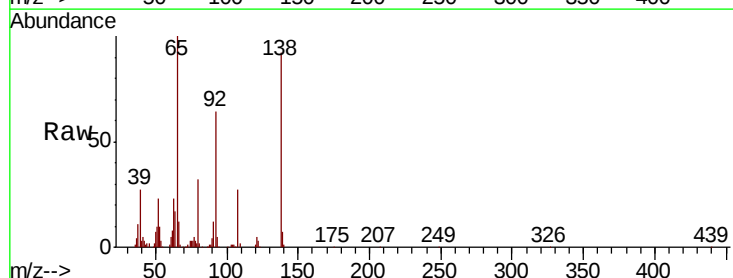
RT: 13.85 min Scan# 1831

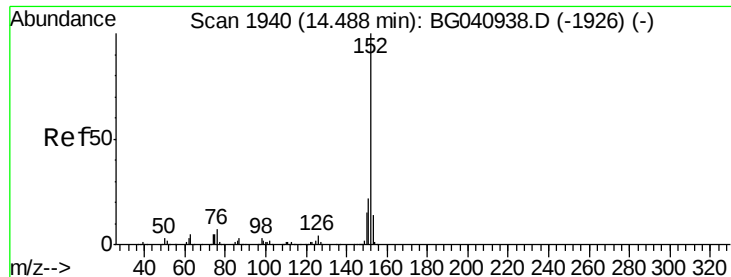
Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	65	Resp:	182875
Ion Ratio	Lower	Upper	
65	100		
92	63.6	51.0	76.6
138	92.1	71.2	106.8





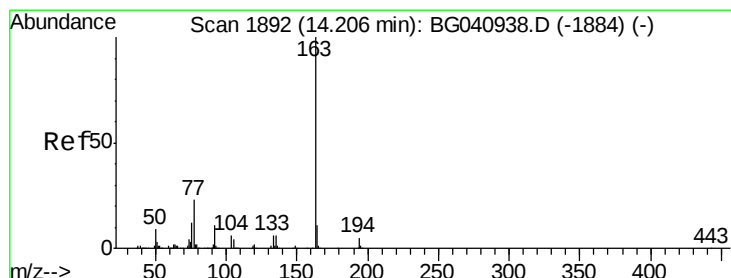
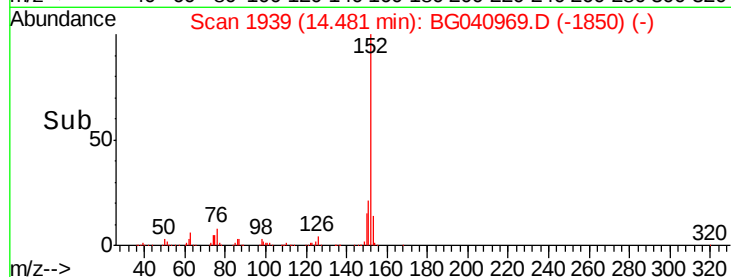
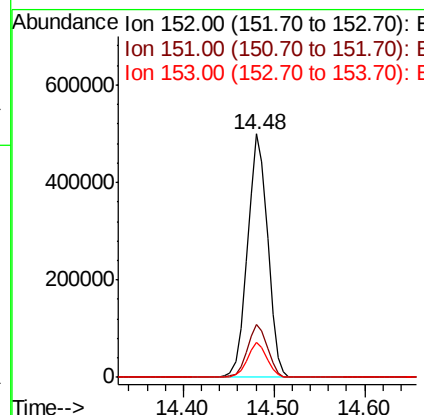
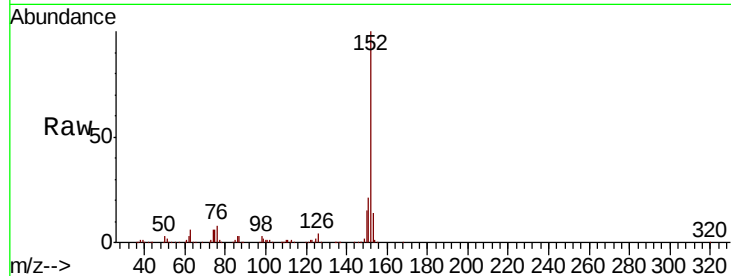
#49
Acenaphthylene
Concen: 44.513 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.0
153	14.2	11.0	16.4

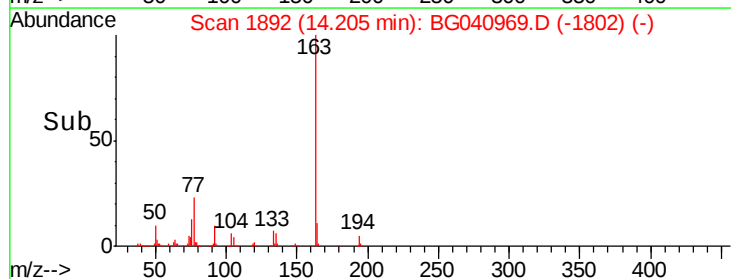
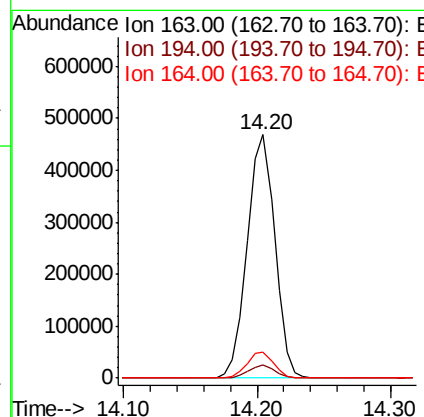
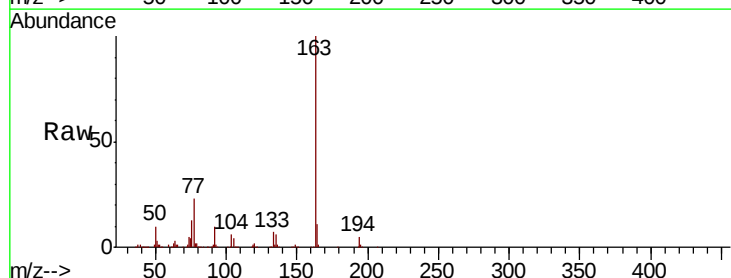
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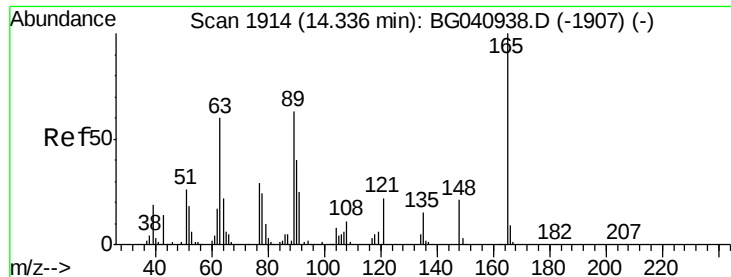
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#50
Dimethylphthalate
Concen: 43.809 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	10.8	8.7	13.1





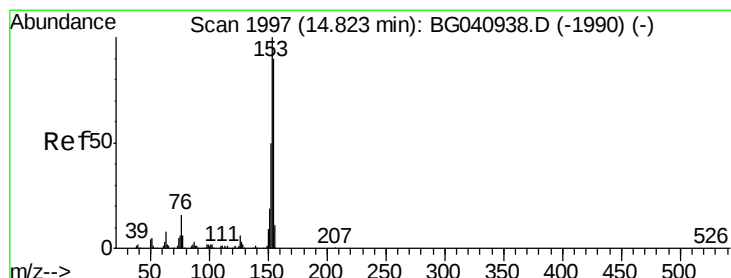
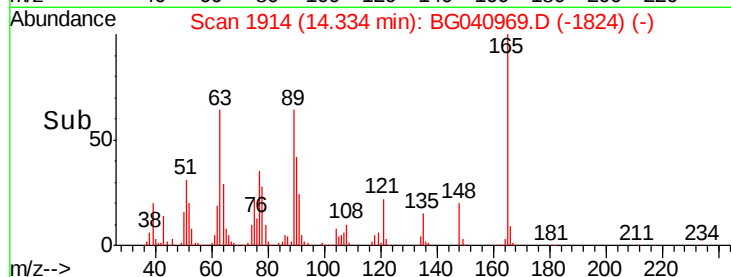
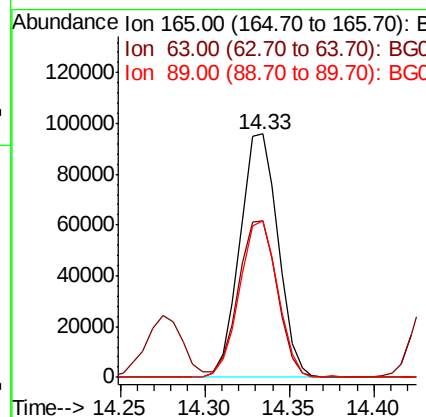
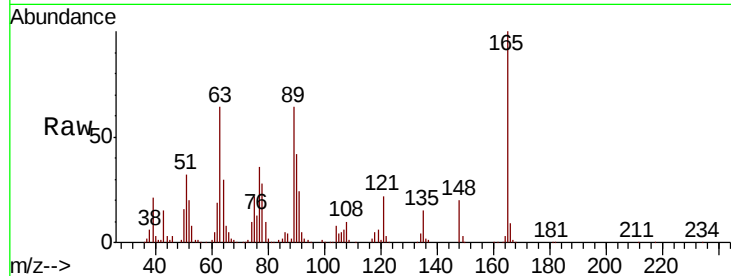
#51
2,6-Dinitrotoluene
Concen: 45.907 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion:	165	Resp:	150885
Ion Ratio	Lower	Upper	
165	100		
63	64.2	53.6	80.4
89	64.3	50.4	75.6

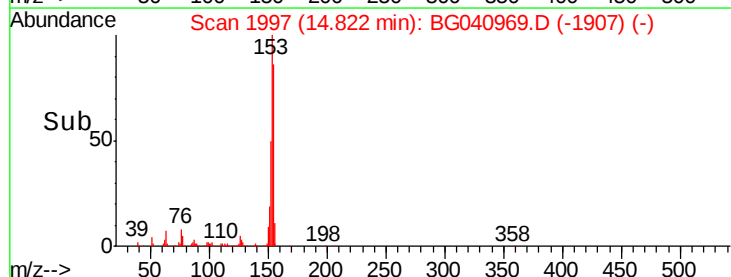
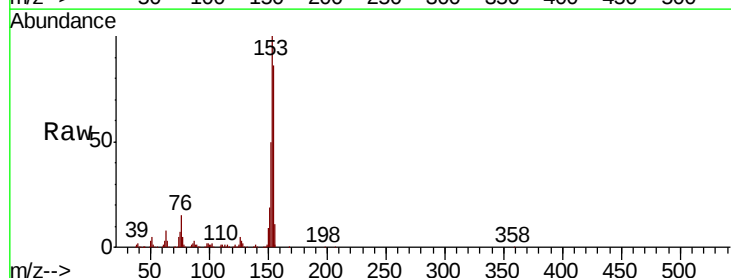
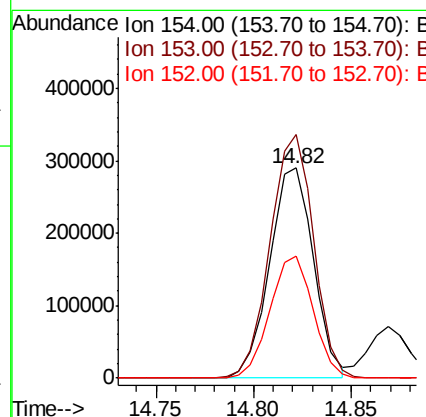
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#52
Acenaphthene
Concen: 43.229 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:	154	Resp:	451040
Ion Ratio	Lower	Upper	
154	100		
153	116.1	88.6	133.0
152	58.3	44.2	66.4





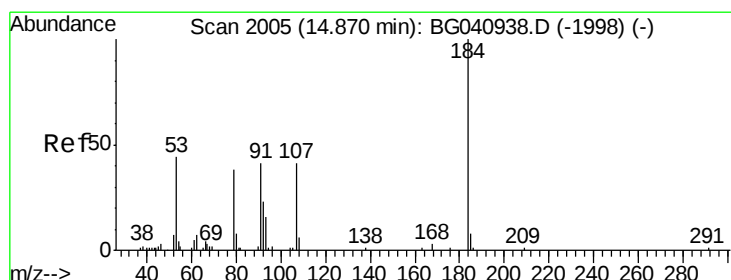
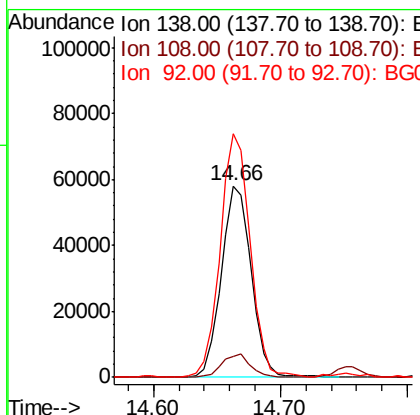
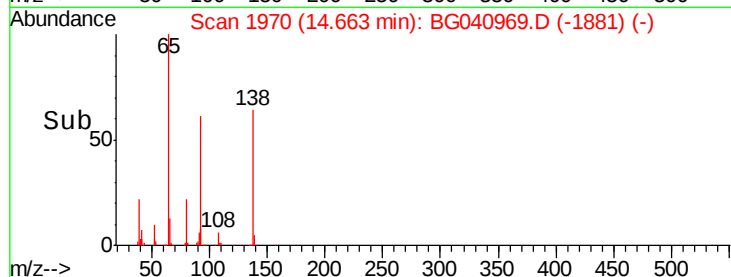
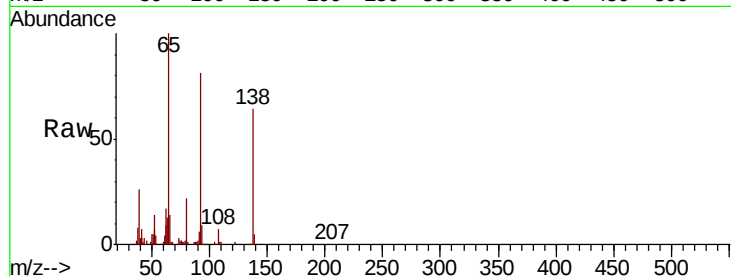
#53
3-Nitroaniline
Concen: 28.864 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampled :
TP-2-SMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	127.3	99.0	148.6

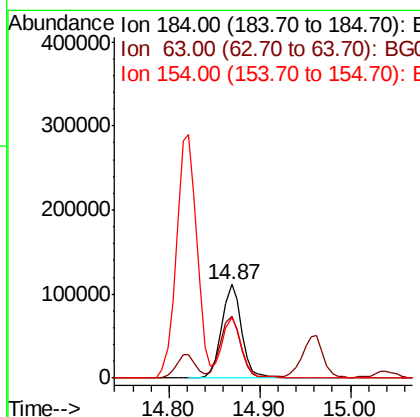
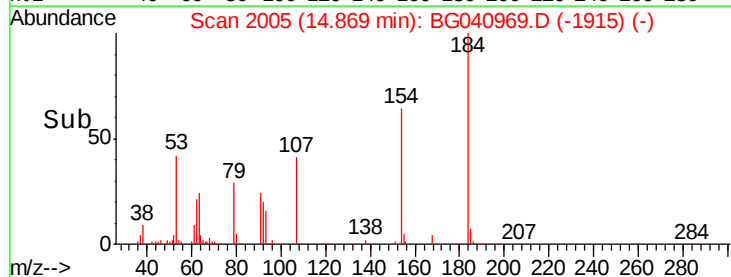
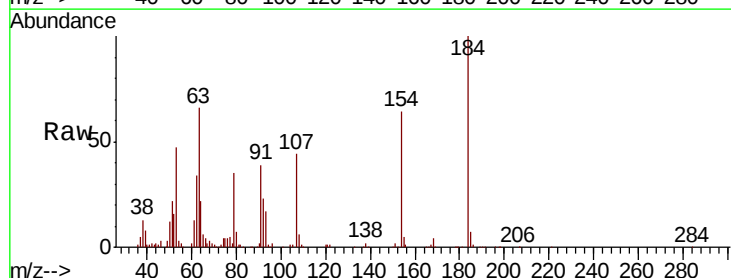
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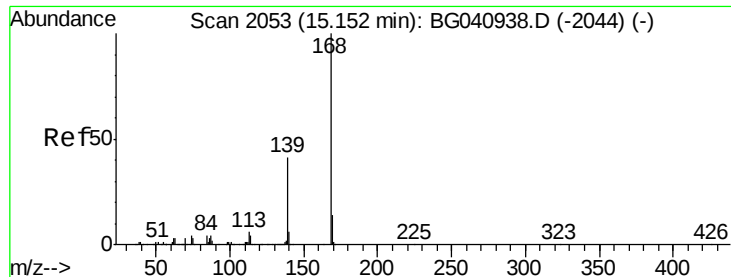
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#54
2,4-Dinitrophenol
Concen: 92.824 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	49.8	74.6
154	64.4	52.2	78.4





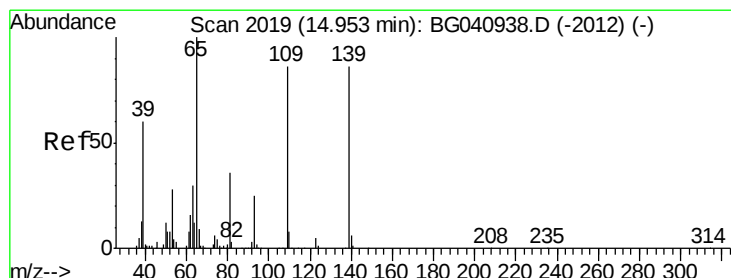
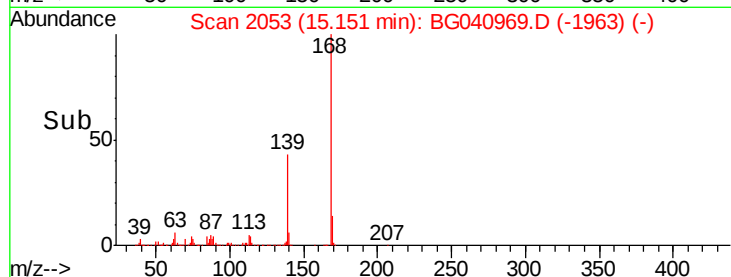
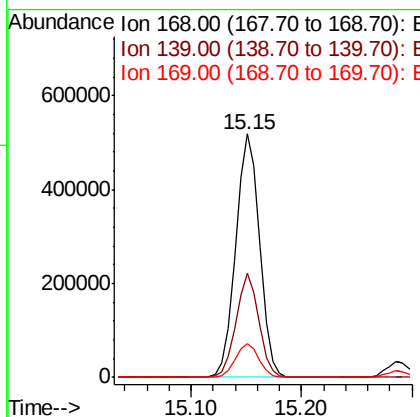
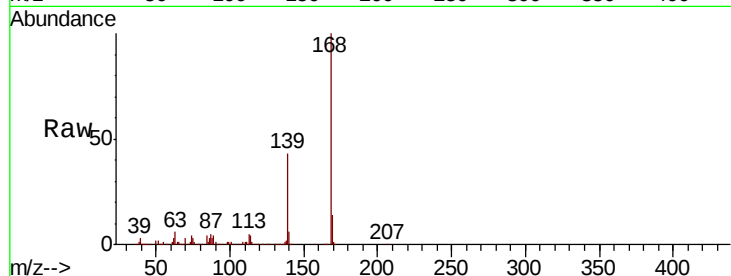
#55
Dibenzofuran
Concen: 44.670 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	784253		
139	43.0		32.8	49.2
169	14.0		11.3	16.9

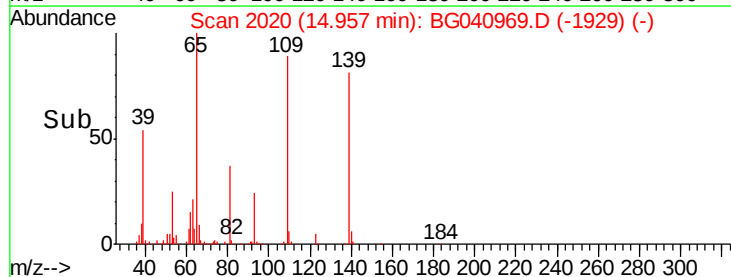
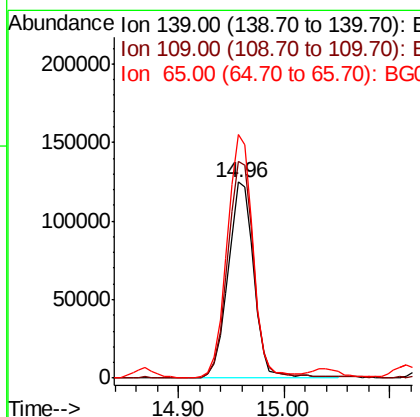
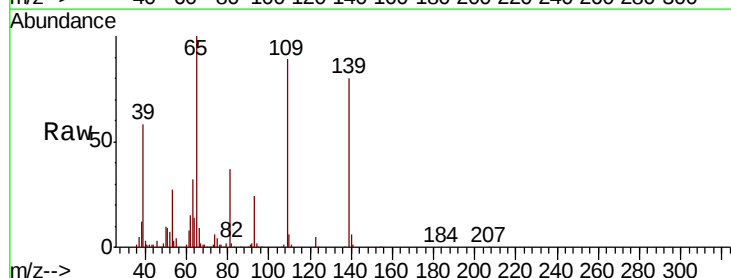
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#56
4-Nitrophenol
Concen: 93.284 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	210295		
109	110.4		79.6	119.6
65	124.2		96.9	136.9





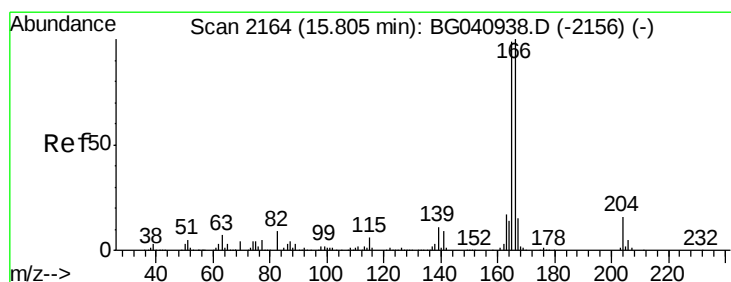
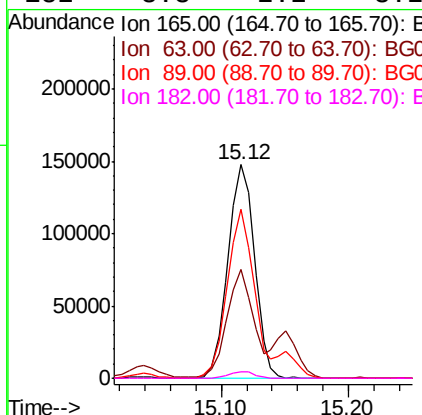
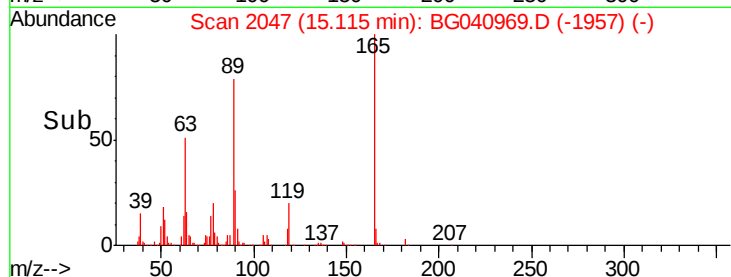
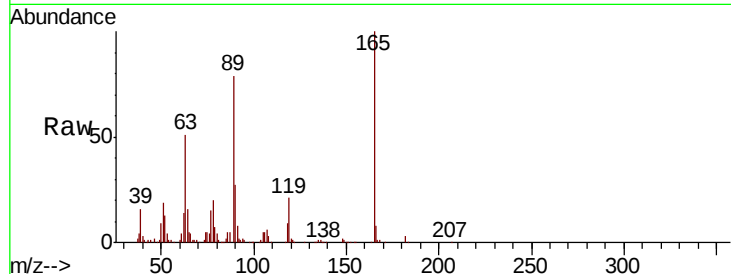
#57
 2,4-Dinitrotoluene
 Concen: 46.165 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	50.8	37.3	55.9
89	78.9	61.0	91.6
182	3.3	2.2	3.2#

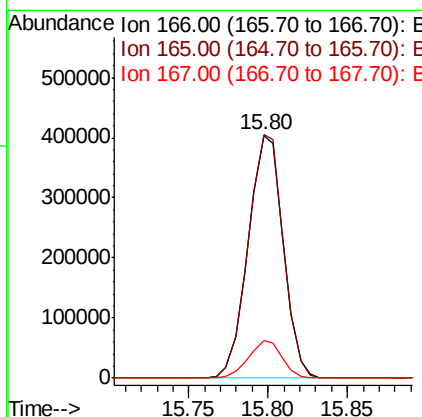
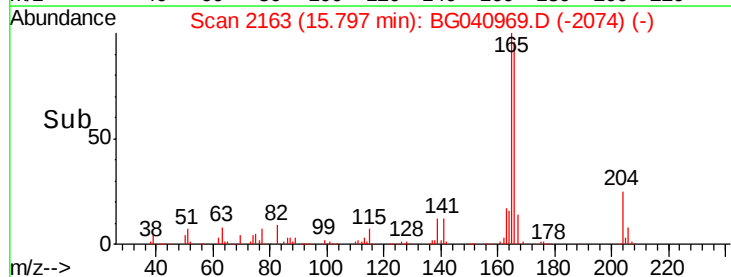
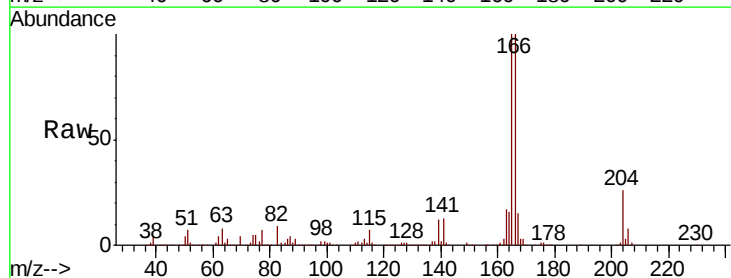
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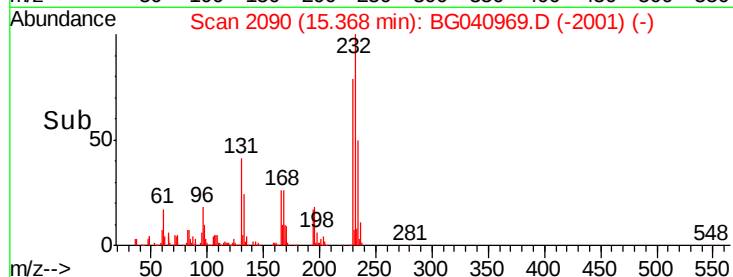
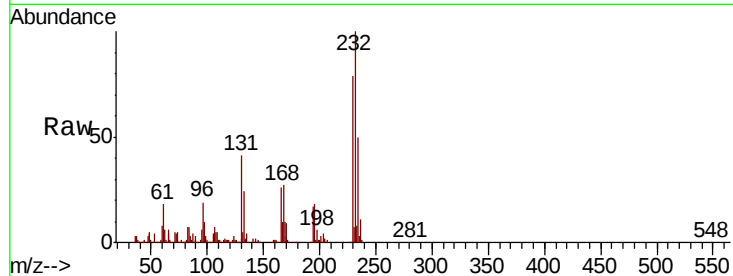
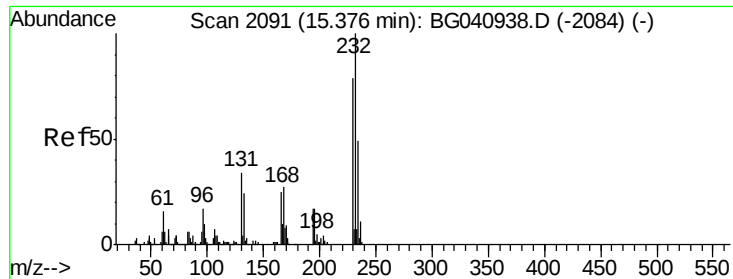
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#58
 Fluorene
 Concen: 44.487 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	100.2	79.2	118.8
167	15.4	11.8	17.6





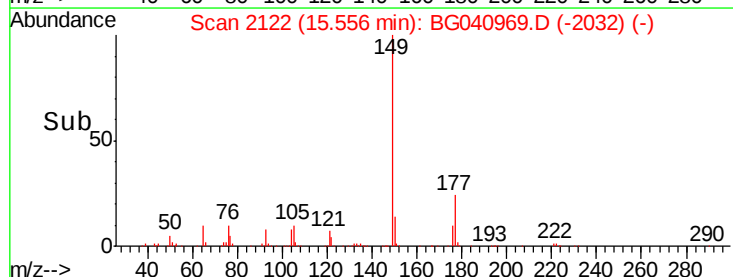
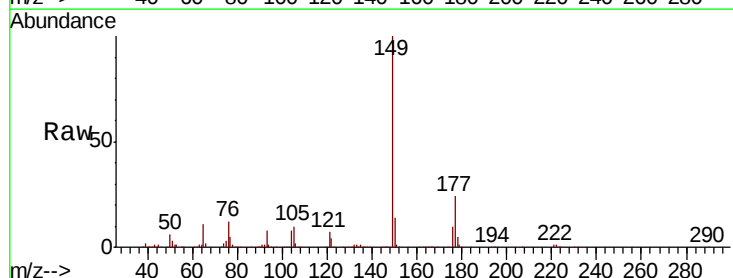
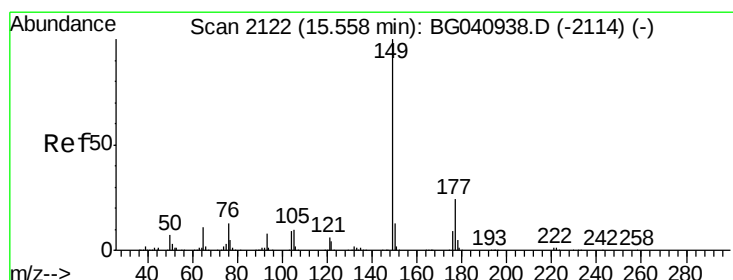
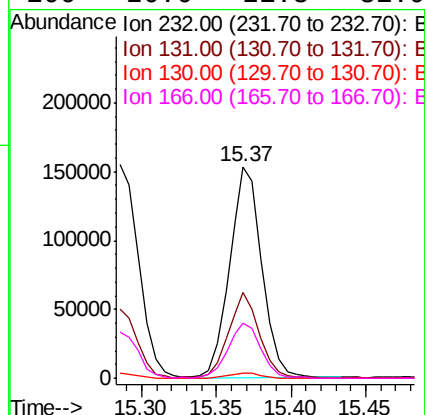
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.308 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	39.0	30.3	45.5
130	2.5	1.8	2.8
166	26.6	21.3	31.9

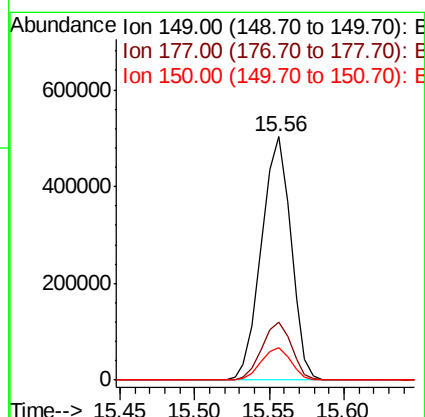
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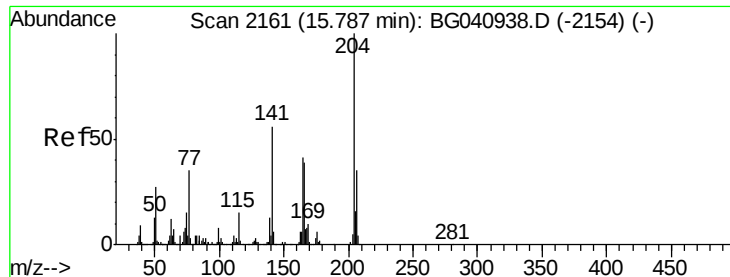
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#60
Diethylphthalate
Concen: 44.297 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.8	19.4	29.0
150	13.5	10.3	15.5





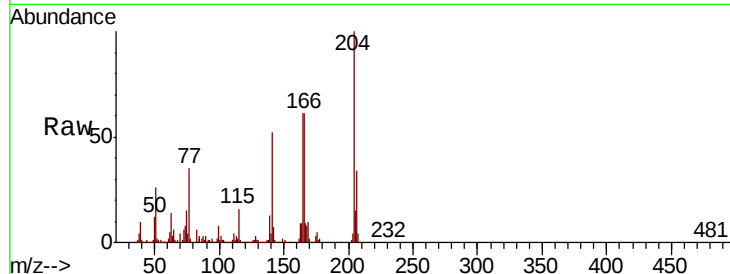
#61
 4-Chlorophenyl-phenylether
 Concen: 43.862 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	398612		
206	34.0		27.6	41.4
141	52.3		45.1	67.7

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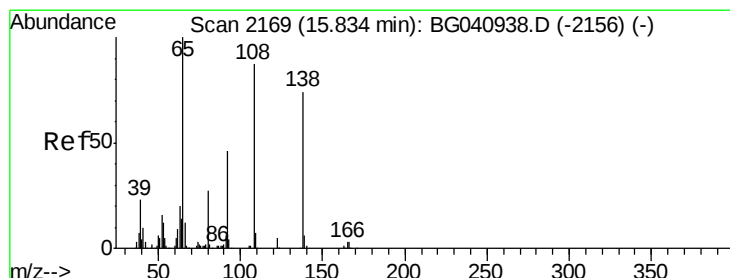
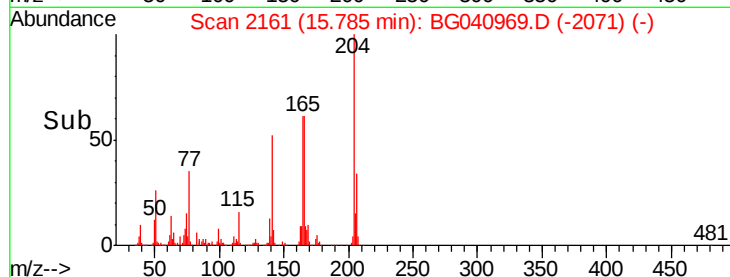
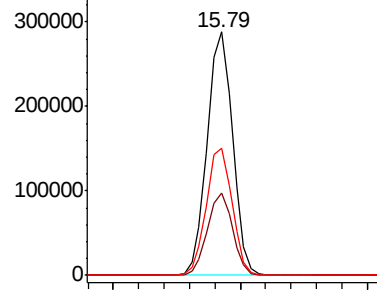


Abundance

Ion 204.00 (203.70 to 204.70): E

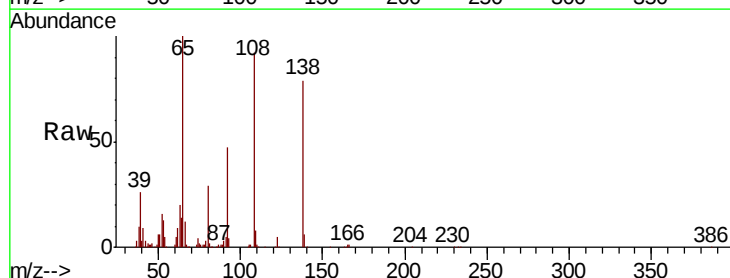
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.396 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144038		
92	59.1		42.4	82.4
108	117.0		96.9	136.9

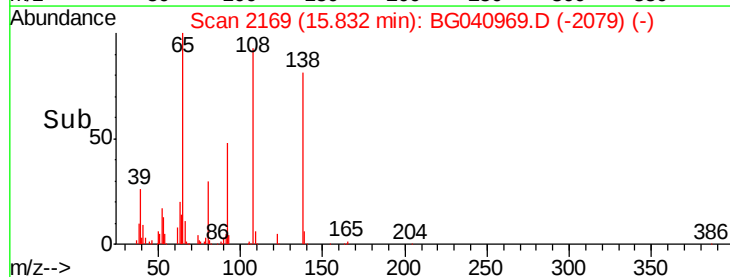
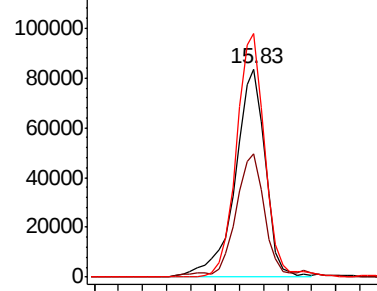


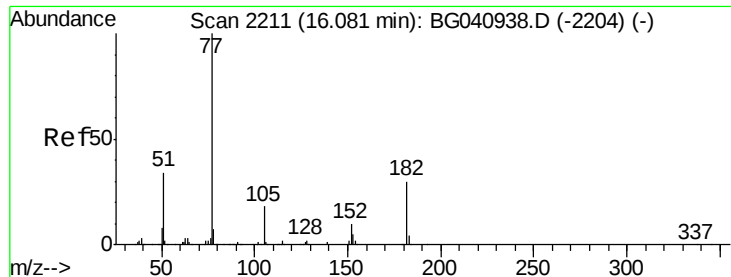
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





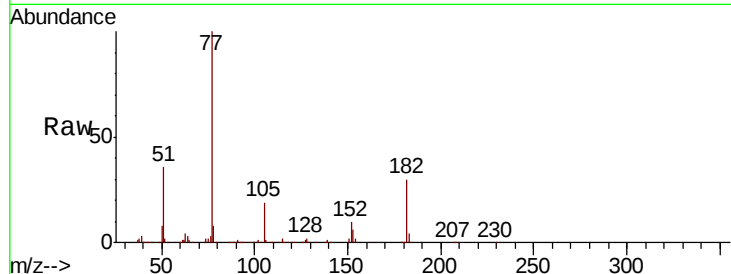
#63
Azobenzene
Concen: 45.023 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

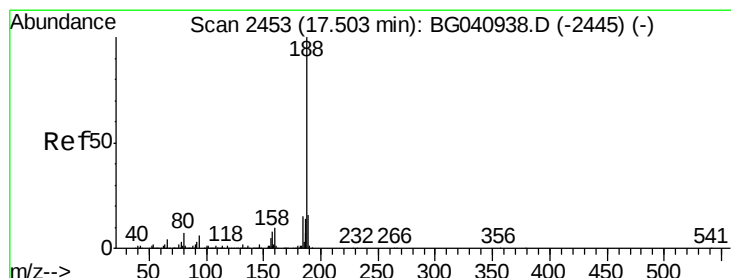
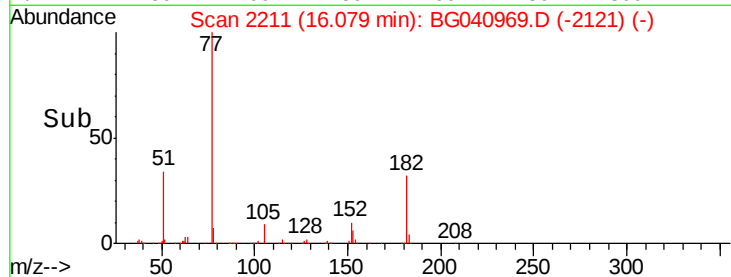
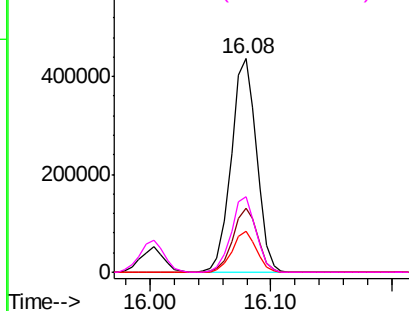
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		636613		
182	29.9	9.6	49.6		
105	19.1	0.0	37.5		
51	35.7	13.7	53.7		

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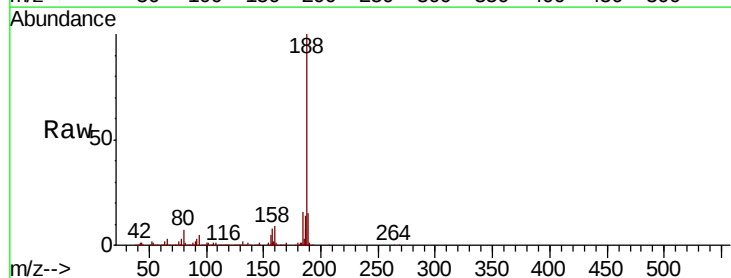


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

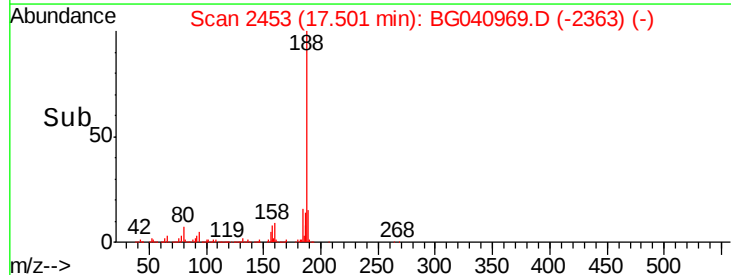
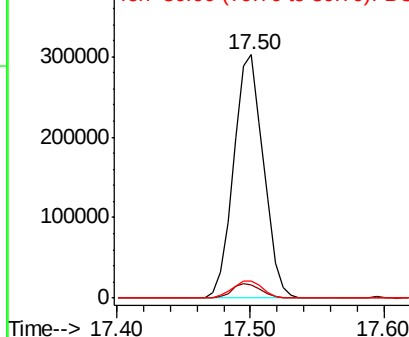


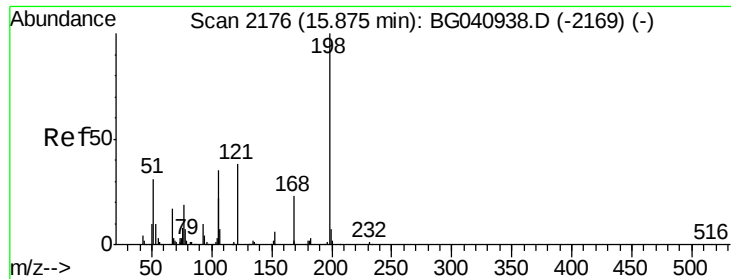
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		469046		
94	5.3	4.7	7.1		
80	7.1	5.8	8.8		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.107 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

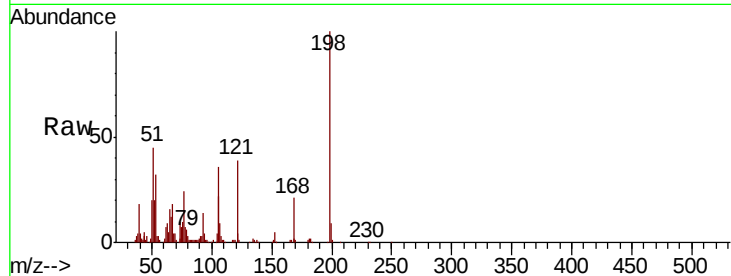
ClientSampled :

TP-2-SMS

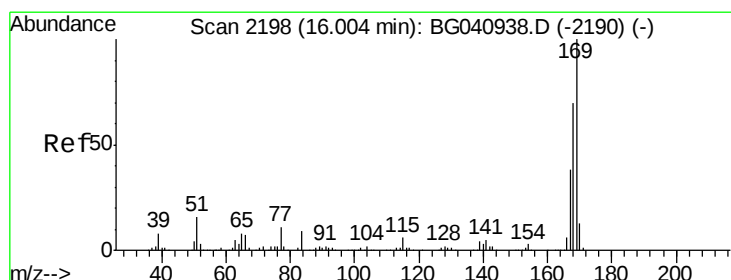
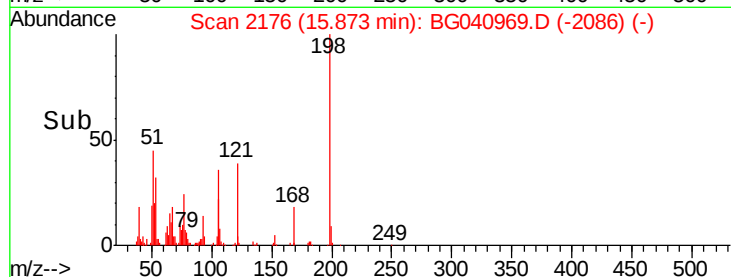
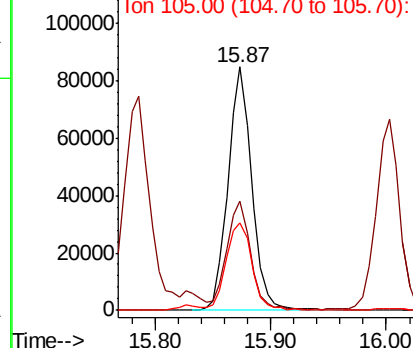
Tot Ion:	198	Resp:	120973
Ion Ratio	Lower	Upper	
198	100		
51	44.6	21.6	61.6
105	35.8	17.5	57.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.691 ng

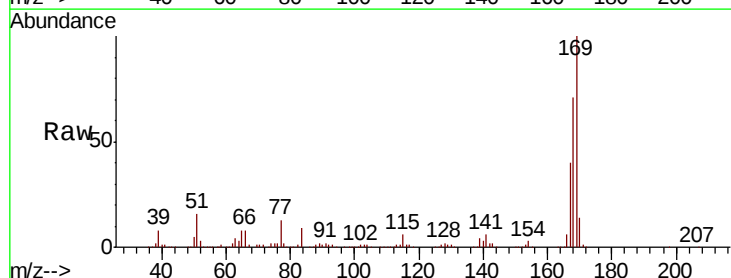
RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

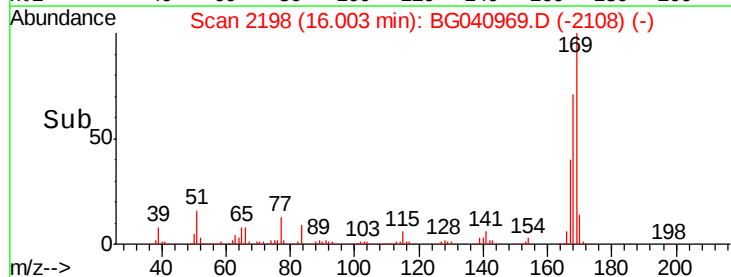
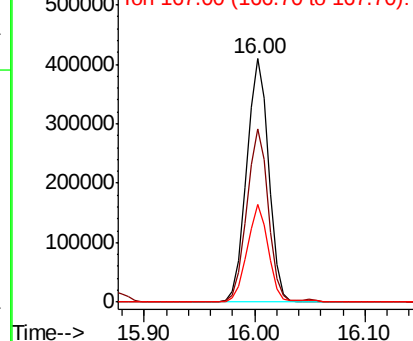
Lab File: BG040969.D

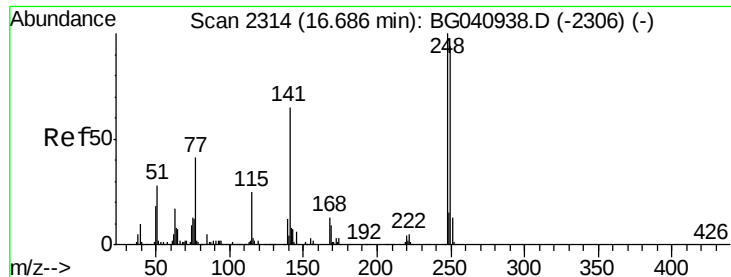
Acq: 31 May 2019 3:09

Tgt Ion:	169	Resp:	576083
Ion Ratio	Lower	Upper	
169	100		
168	71.0	55.7	83.5
167	40.0	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.526 ng

RT: 16.68 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

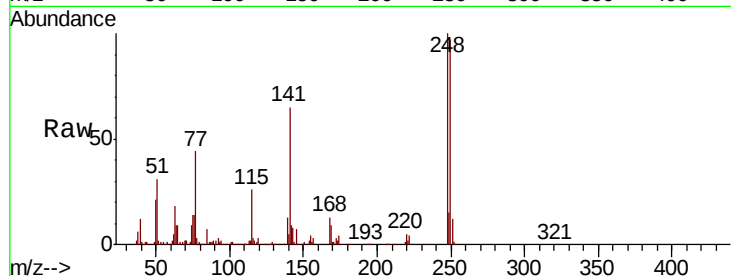
ClientSampled :

TP-2-SMS

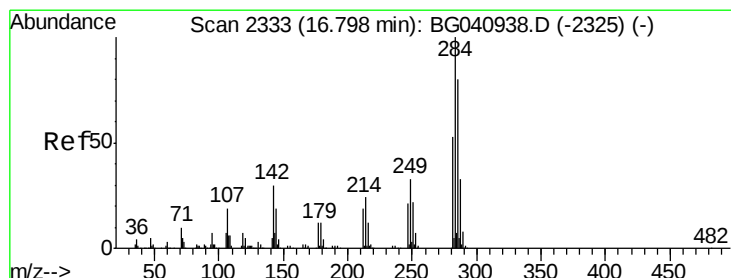
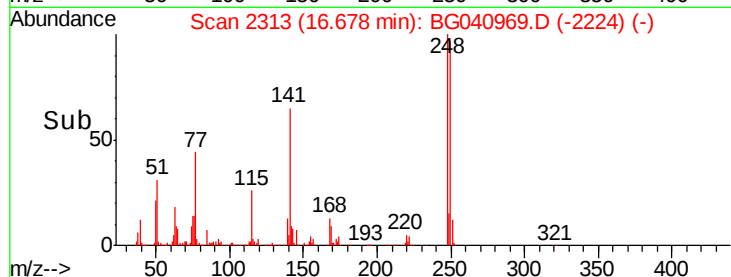
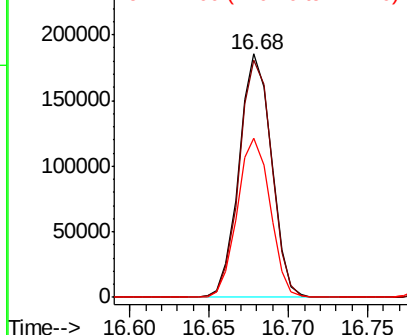
Tot Ion:	248	Resp:	262856
Ion Ratio	Lower	Upper	
248	100		
250	97.5	75.0	112.4
141	65.2	52.4	78.6

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



#68

Hexachlorobenzene

Concen: 40.394 ng

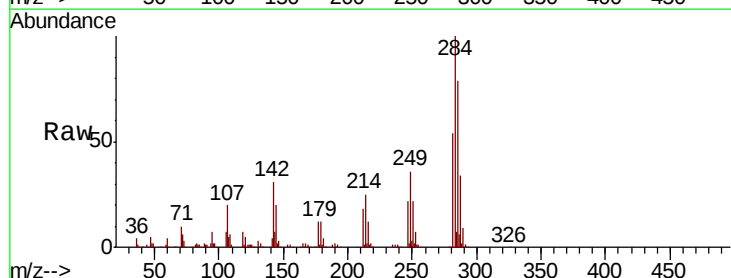
RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

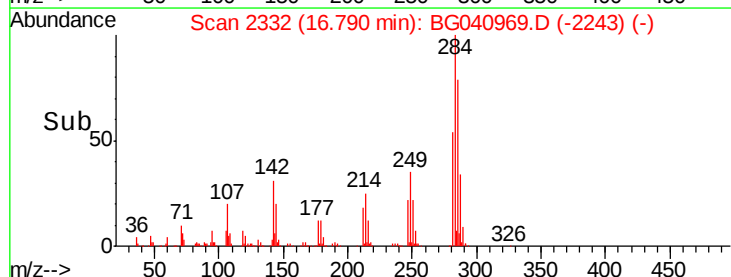
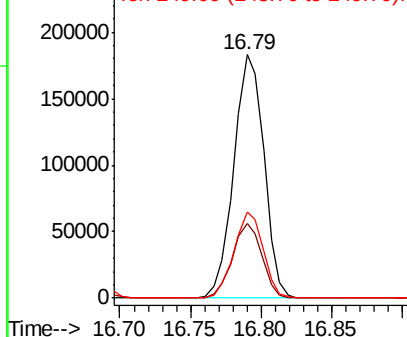
Lab File: BG040969.D

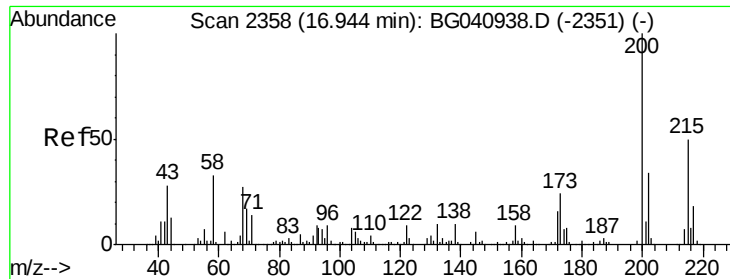
Acq: 31 May 2019 3:09

Tgt Ion:	284	Resp:	272271
Ion Ratio	Lower	Upper	
284	100		
142	30.8	23.9	35.9
249	35.5	26.8	40.2



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





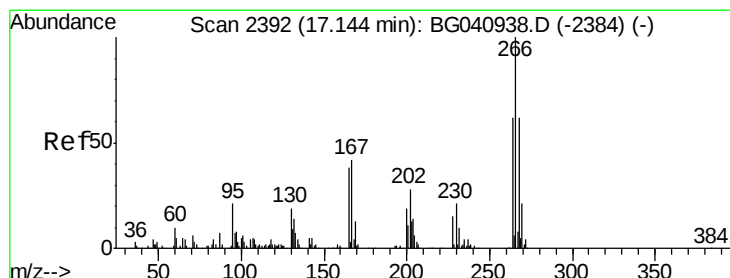
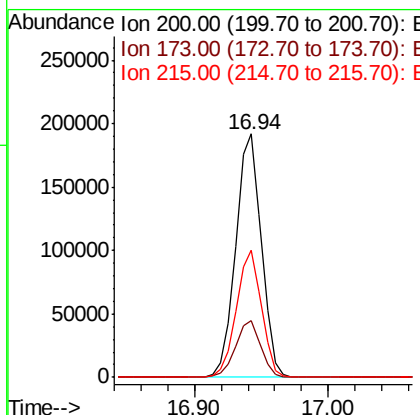
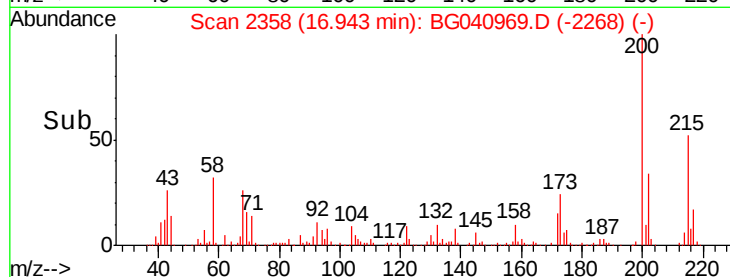
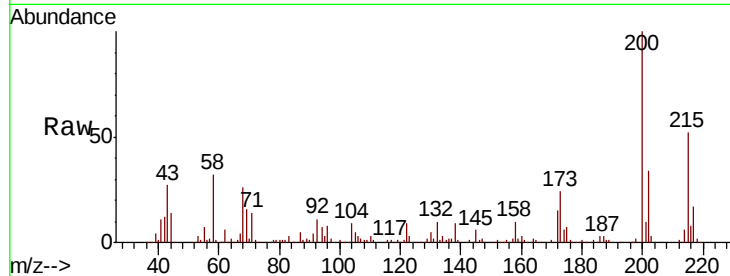
#69
Atrazine
Concen: 50.312 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	255973		
173	23.5	3.6	43.6	
215	52.0	29.6	69.6	

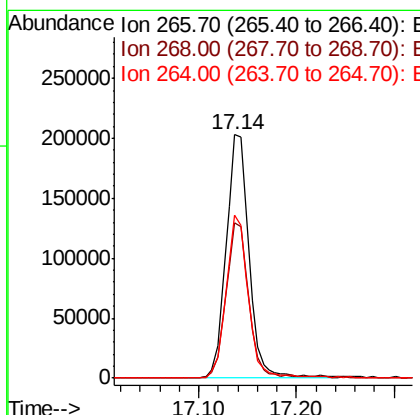
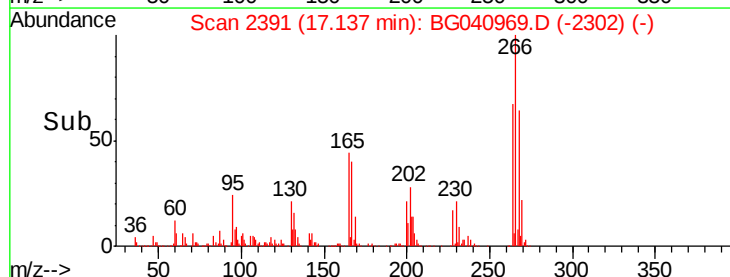
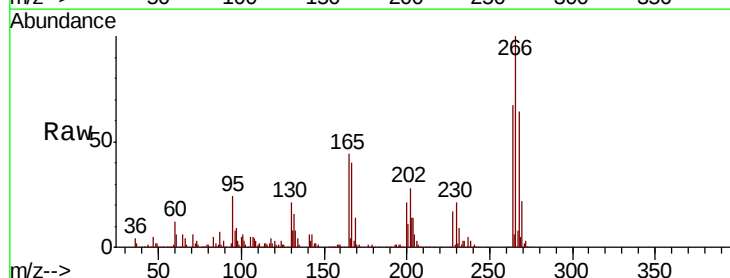
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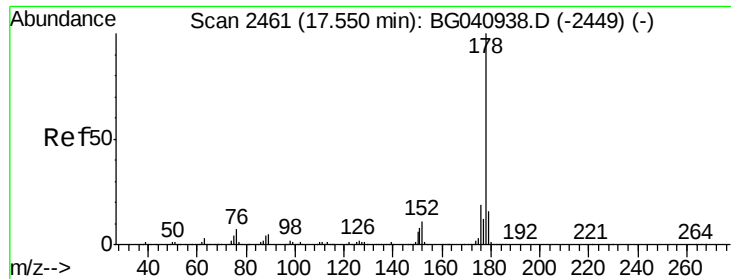
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#70
Pentachlorophenol
Concen: 90.969 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	330700		
268	63.5	53.1	79.7	
264	66.8	49.9	74.9	





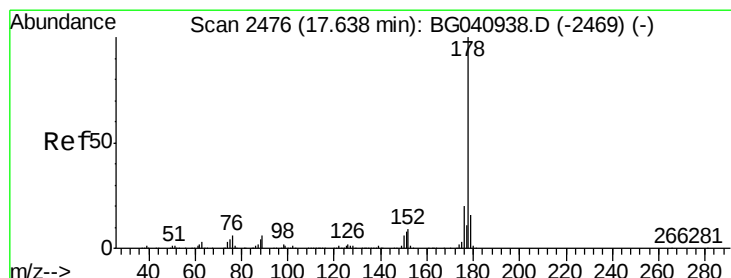
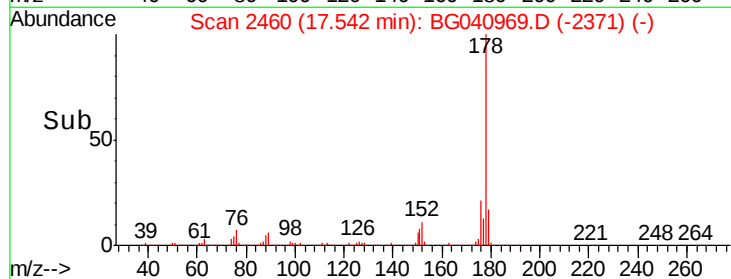
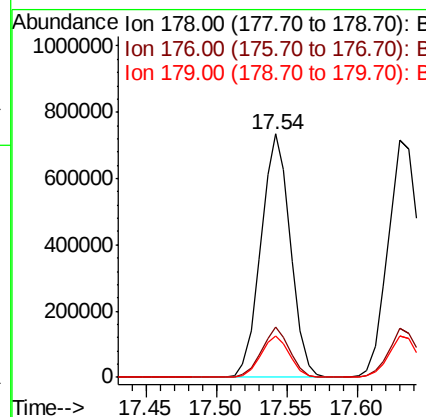
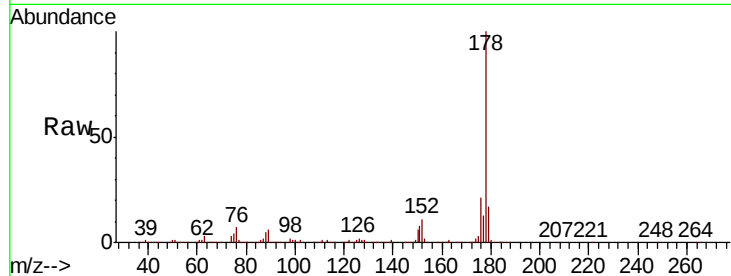
#71
Phenanthrene
Concen: 44.177 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	15.5	23.3	
179	17.1	12.7	19.1	

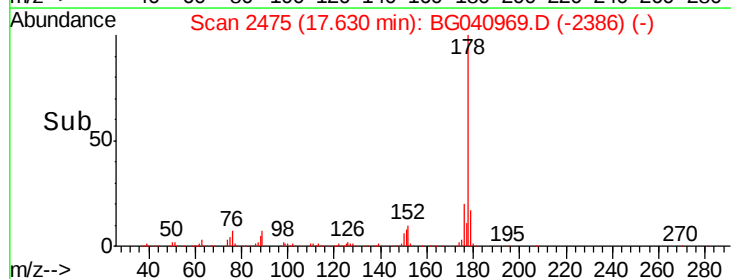
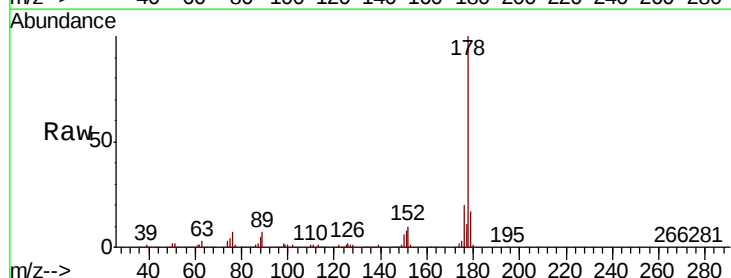
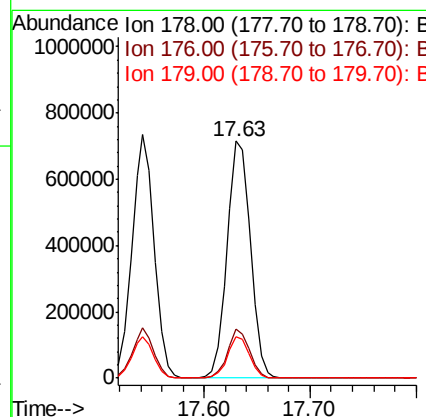
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#72
Anthracene
Concen: 45.507 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.5	15.6	23.4	
179	17.3	13.0	19.4	





#73

Carbazole

Concen: 46.770 ng

RT: 17.91 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

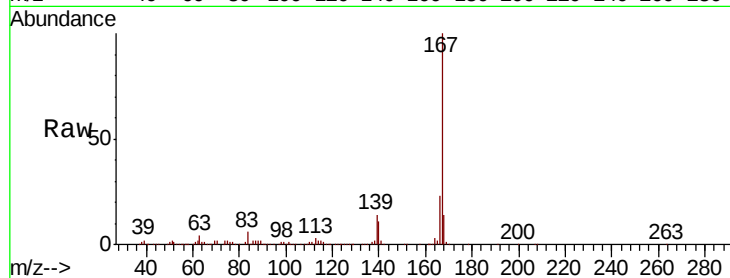
ClientSampleId :

TP-2-SMS

Tot Ion:	167	Resp:	966994
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.2	27.4
139	13.8	10.8	16.2

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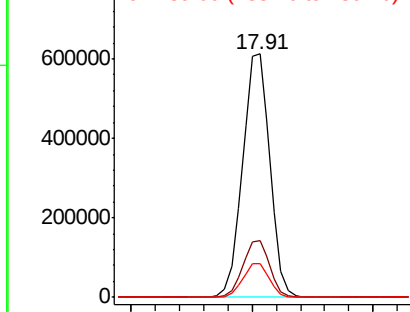


Abundance

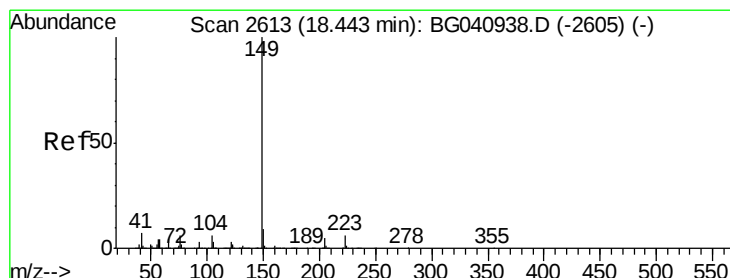
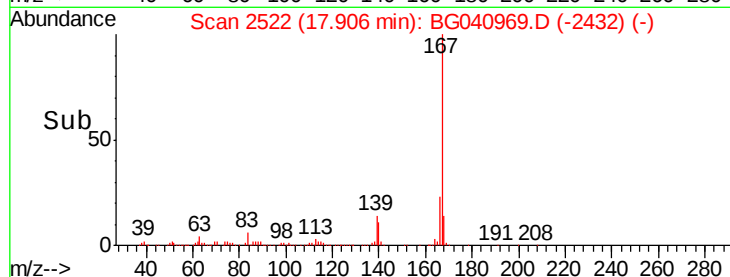
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 44.885 ng

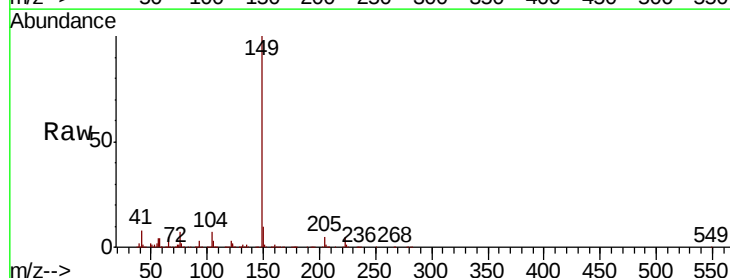
RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion:	149	Resp:	1153429
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.2
104	6.8	5.0	7.4

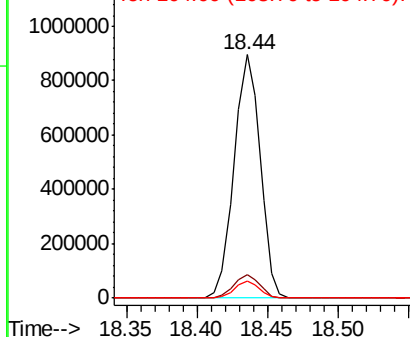


Abundance

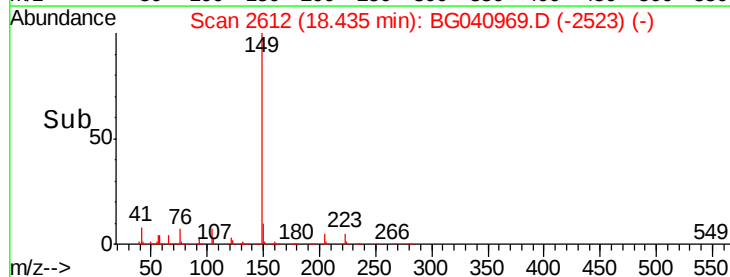
Ion 149.00 (148.70 to 149.70): E

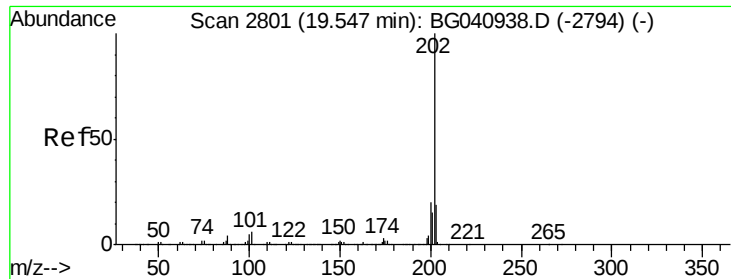
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 46.004 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-2-SMS

Tot Ion:202 Resp: 1388275

Ion Ratio Lower Upper

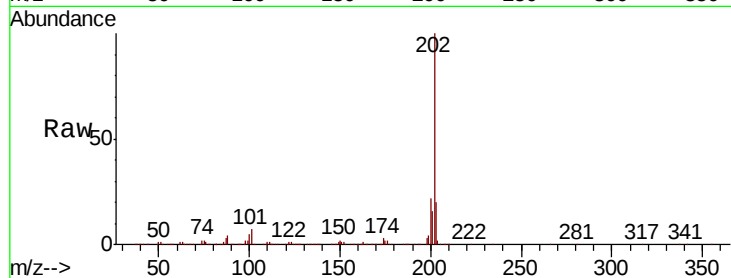
202 100

101 6.7 0.0 26.2

203 19.6 0.0 38.7

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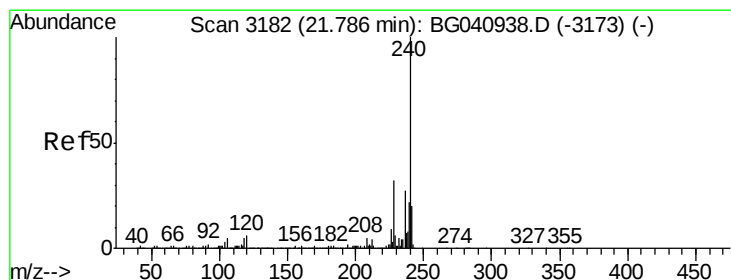
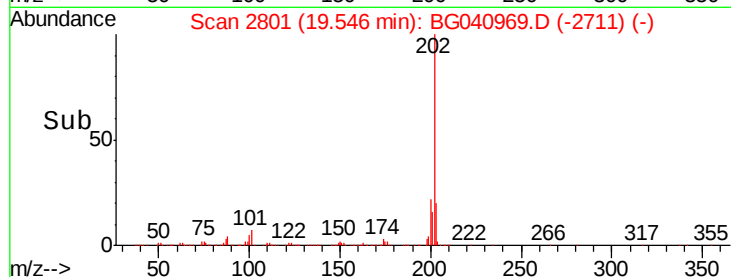
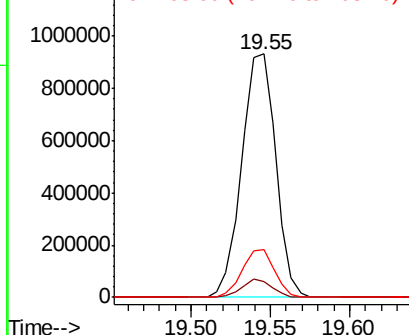


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

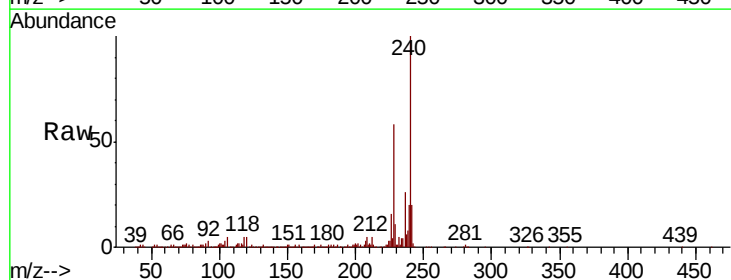
Tgt Ion:240 Resp: 465680

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

236 26.5 21.3 31.9

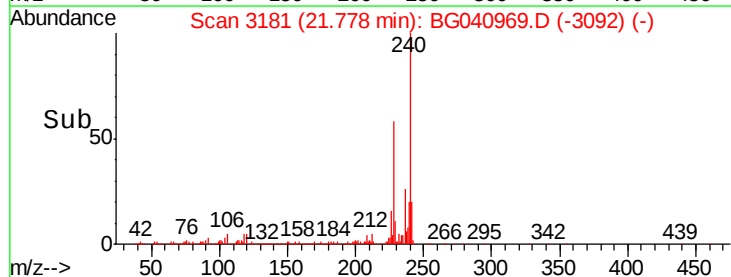
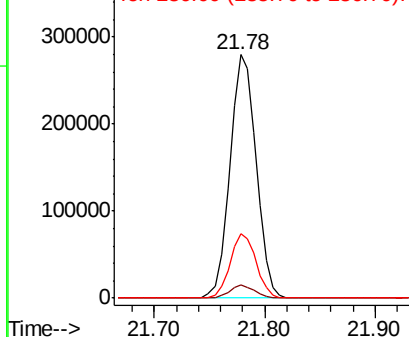


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.324 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

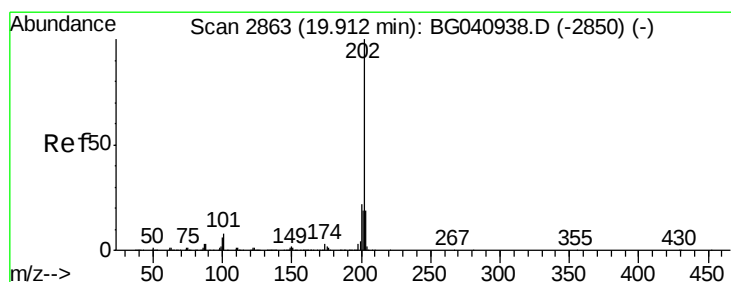
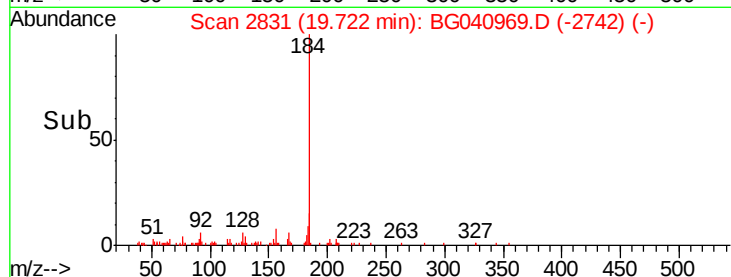
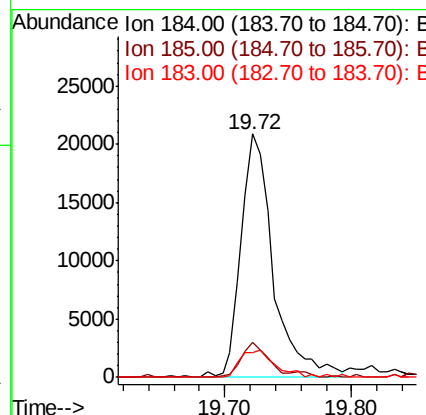
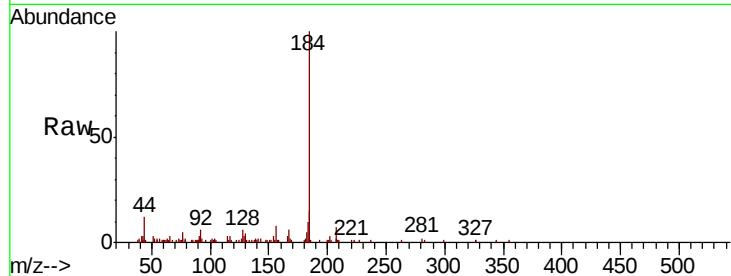
ClientSampleId :

TP-2-SMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.3	19.9
183	10.2	10.7	16.1

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#78

Pyrene

Concen: 46.048 ng

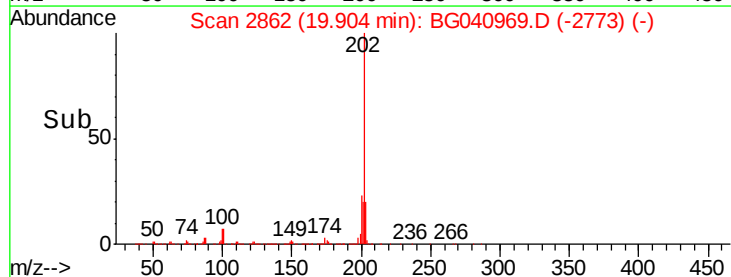
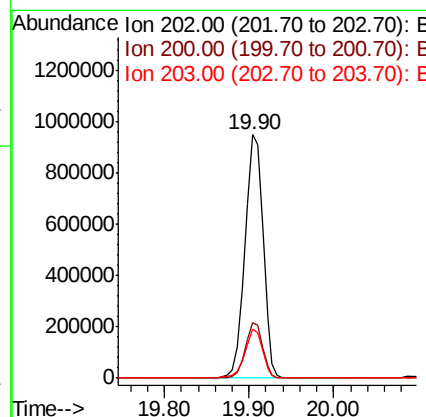
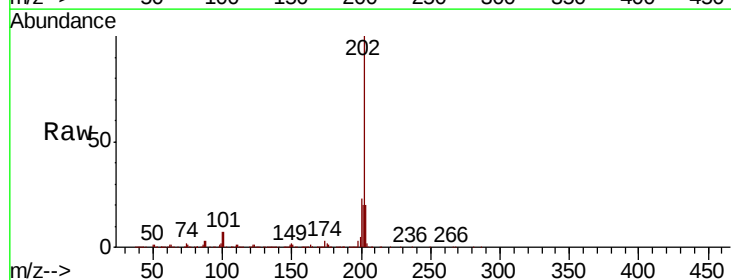
RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.5	26.3
203	20.4	15.6	23.4





#79

Terphenyl-d14

Concen: 88.910 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-2-SMS

Tot Ion:244 Resp: 1950852

Ion Ratio Lower Upper

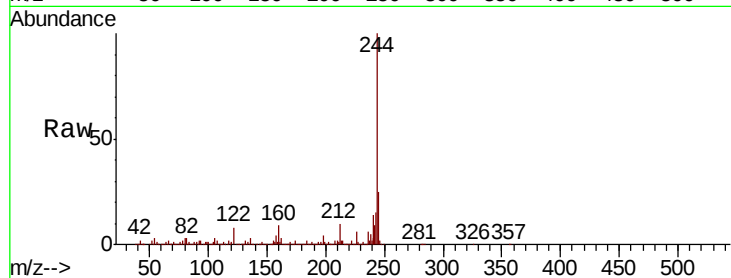
244 100

212 9.8 7.0 10.4

122 8.0 5.4 8.0

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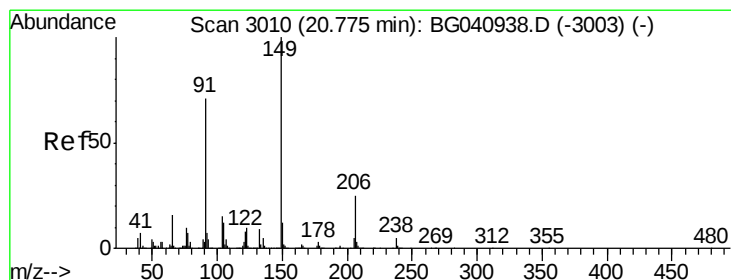
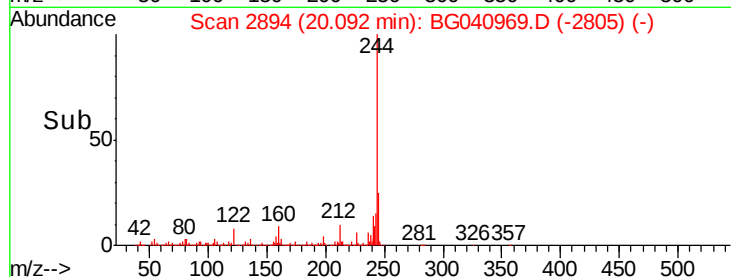
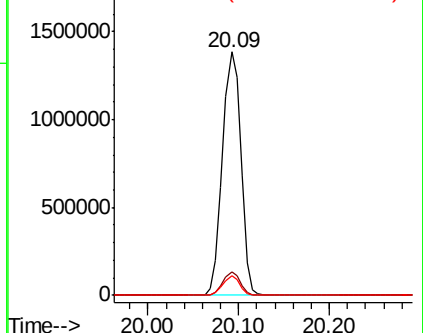
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.181 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

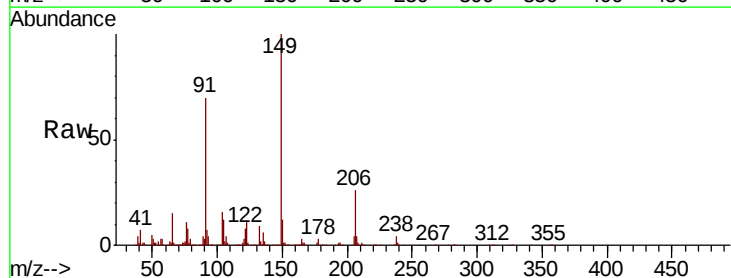
Tgt Ion:149 Resp: 532268

Ion Ratio Lower Upper

149 100

91 69.6 56.5 84.7

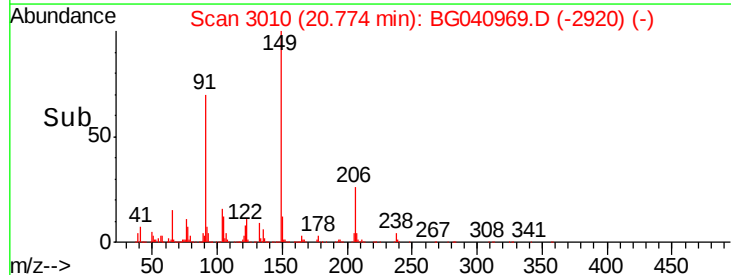
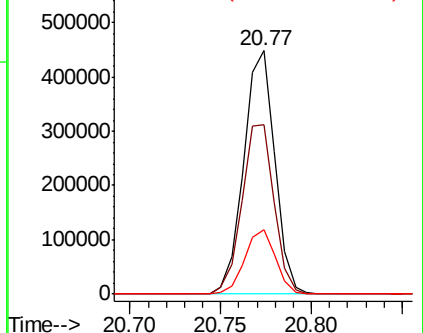
206 26.2 20.3 30.5

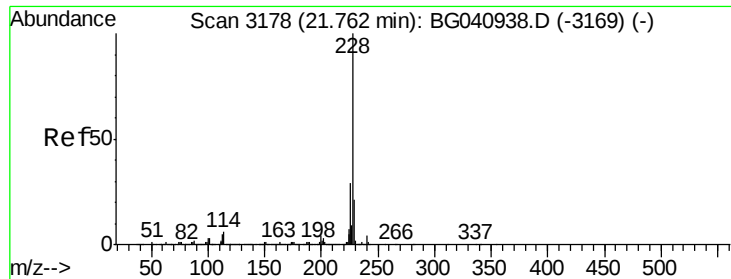


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.208 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampled :

TP-2-SMS

Tot Ion:228 Resp: 1339378

Ion Ratio Lower Upper

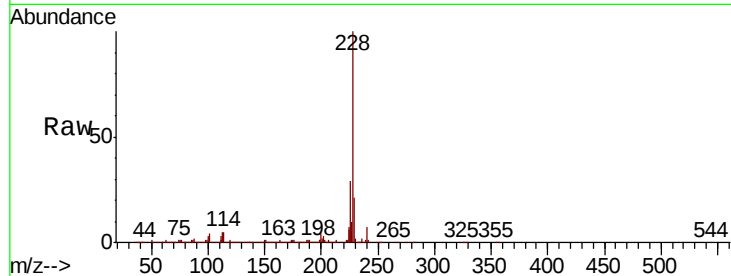
228 100

226 28.7 23.5 35.3

229 21.4 16.7 25.1

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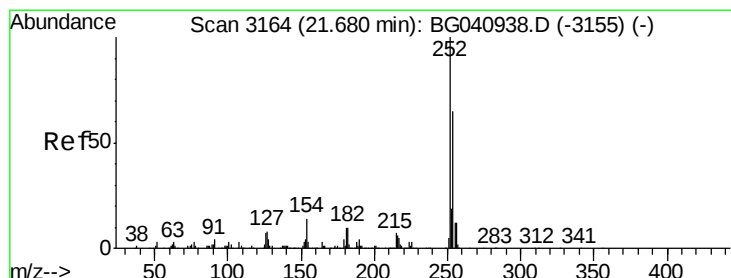
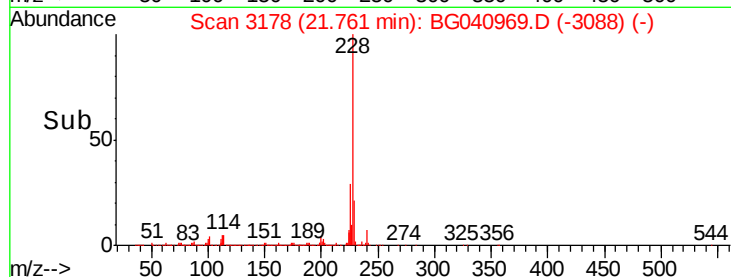
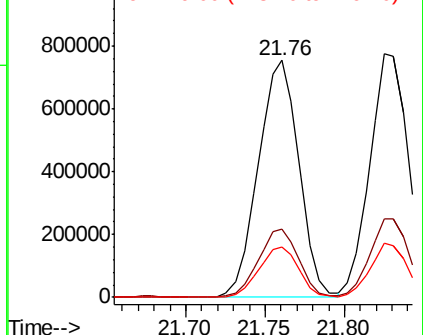


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.901 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

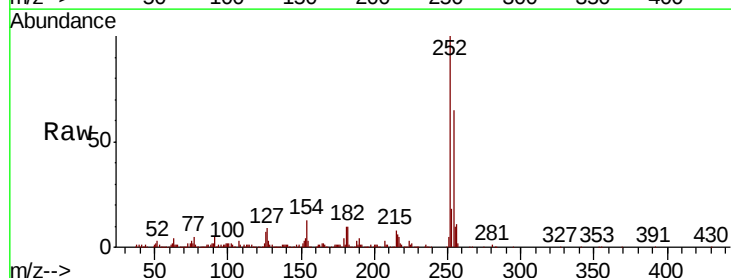
Tgt Ion:252 Resp: 336914

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 7.4 5.5 8.3

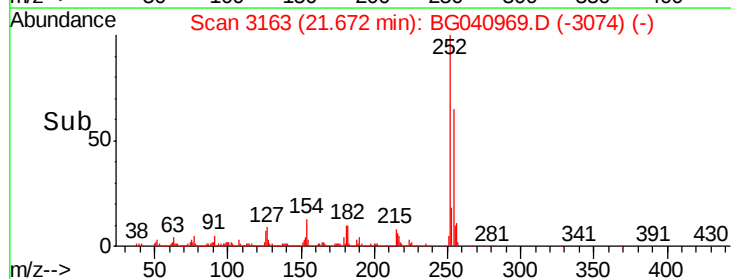
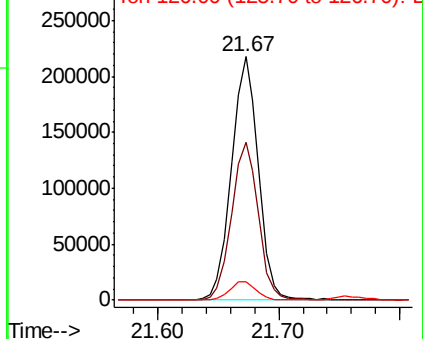


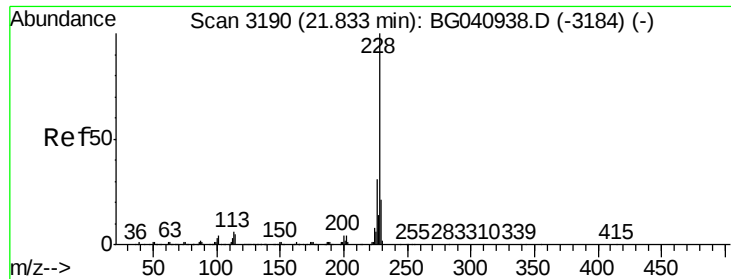
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





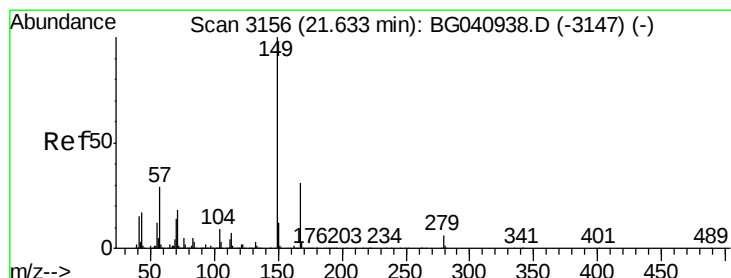
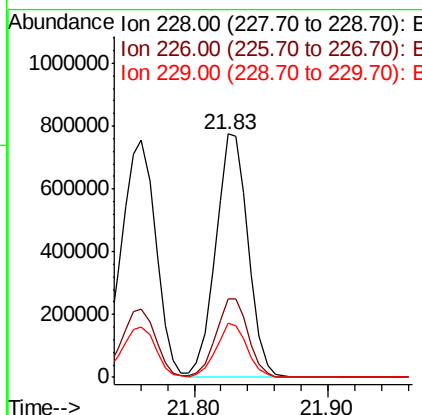
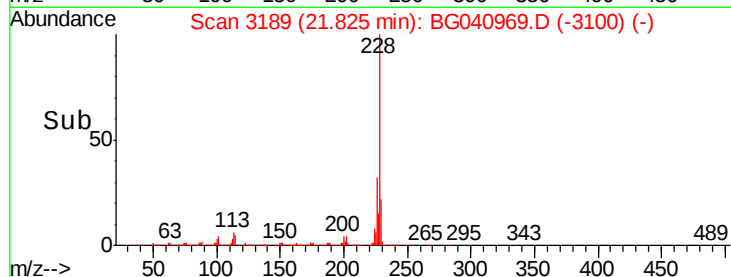
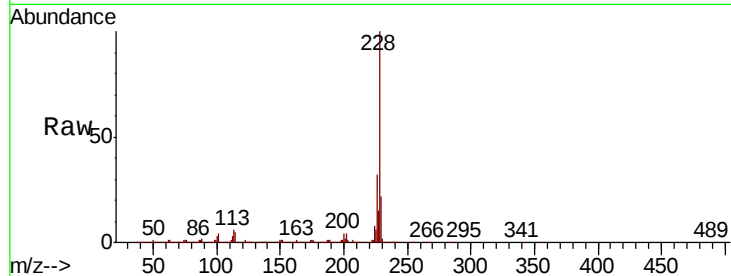
#83
 Chrvsene
 Concen: 44.262 ng
 RT: 21.83 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Instrument :
 BNA_G
 ClientSampled :
 TP-2-SMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	22.0	16.6	24.8

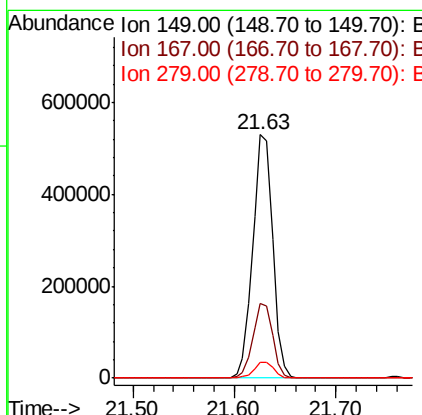
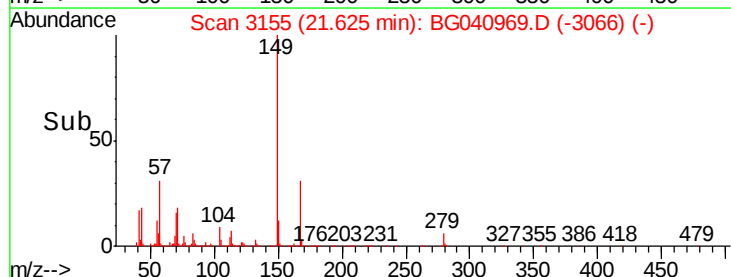
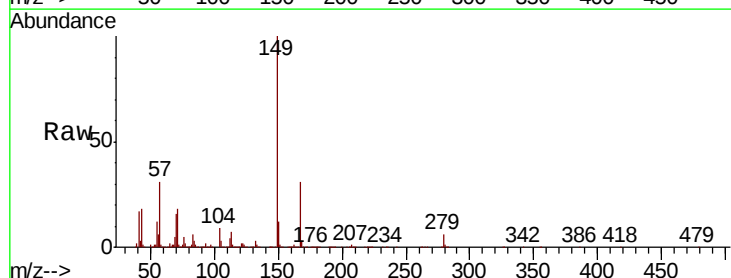
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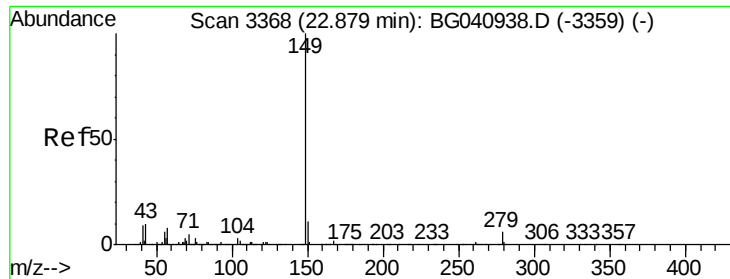
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.771 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG040969.D
 Acq: 31 May 2019 3:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.6	37.0
279	6.4	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 44.052 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

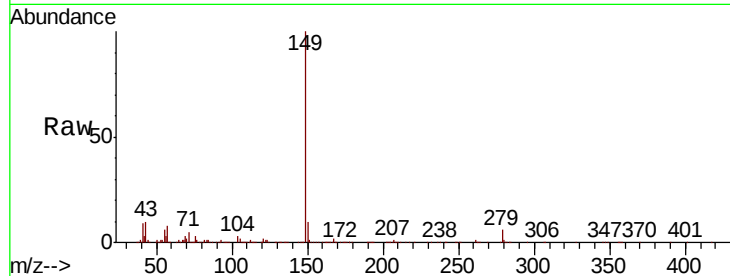
ClientSampleId :

TP-2-SMS

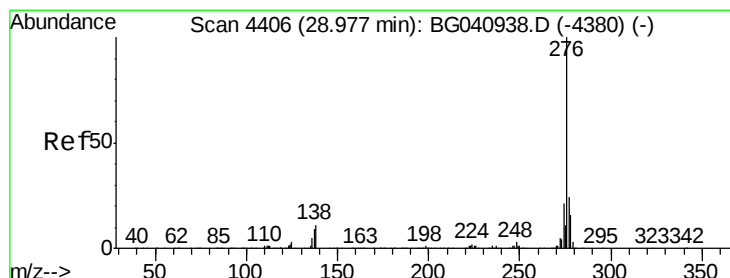
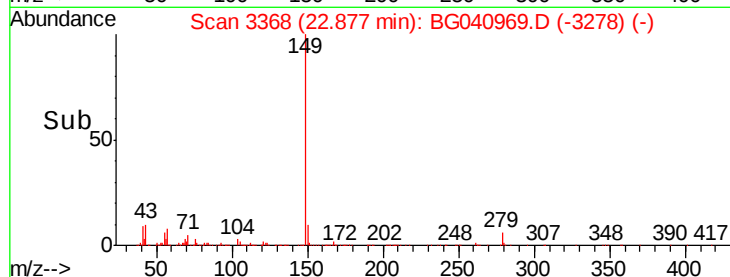
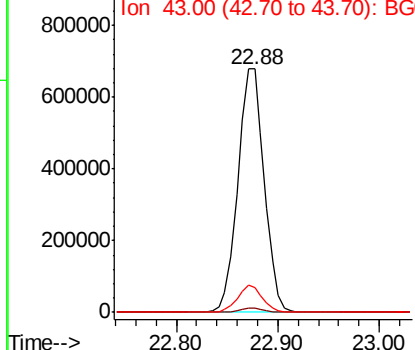
Tot Ion:	149	Resp:	121692
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.1	12.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.469 ng

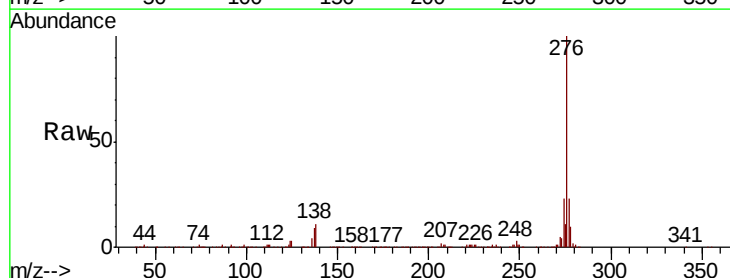
RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

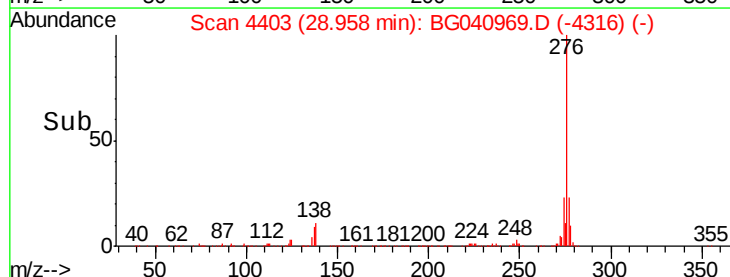
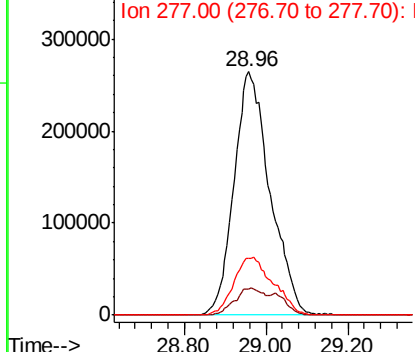
Lab File: BG040969.D

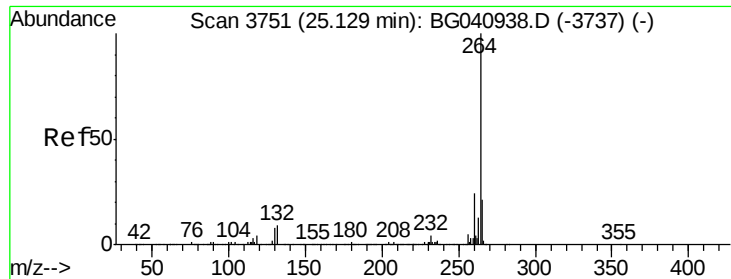
Acq: 31 May 2019 3:09

Tgt Ion:	276	Resp:	1615907
Ion	Ratio	Lower	Upper
276	100		
138	9.2	5.7	8.5#
277	26.0	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

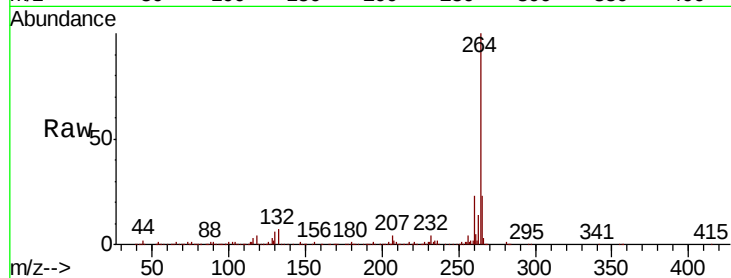
ClientSampleId :

TP-2-SMS

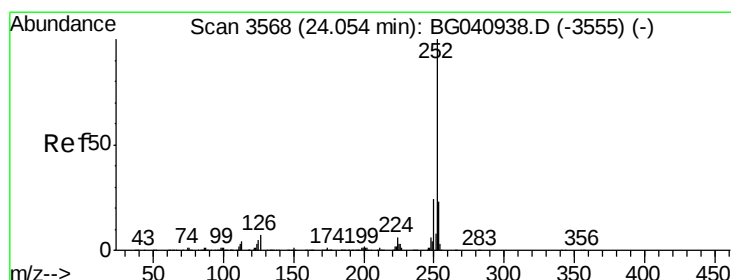
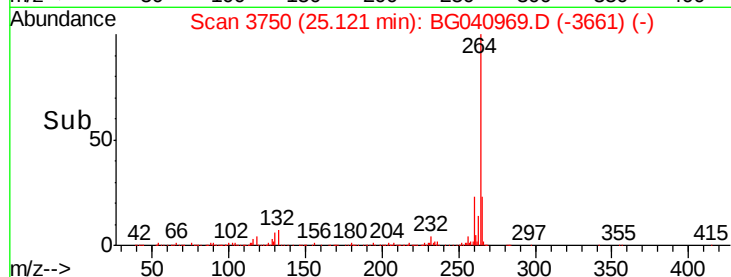
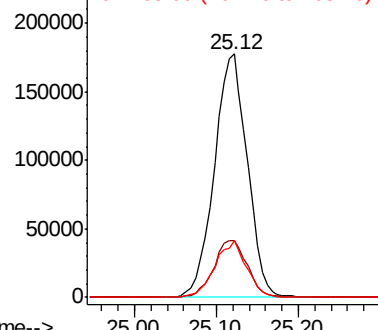
Tot Ion:	264	Resp:	496868
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.4
265	23.2	17.0	25.4

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



#88

Benzo(b)fluoranthene

Concen: 46.148 ng

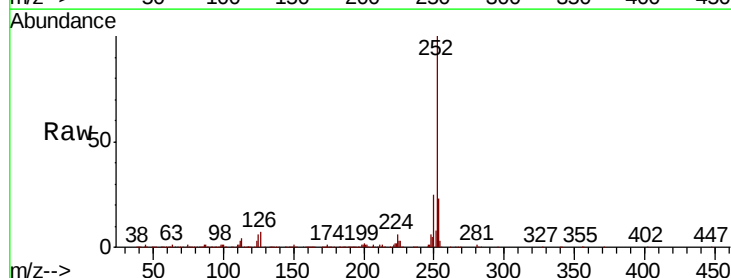
RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

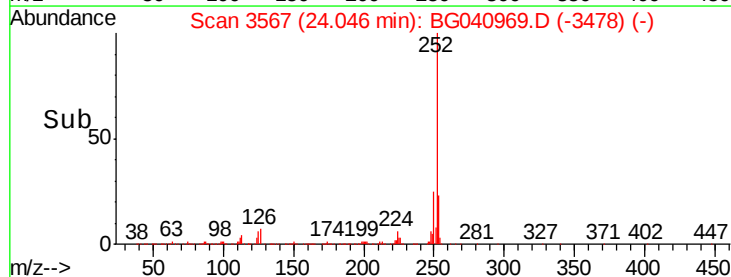
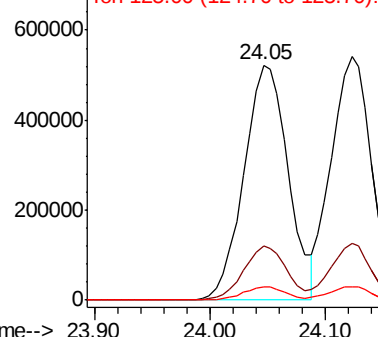
Lab File: BG040969.D

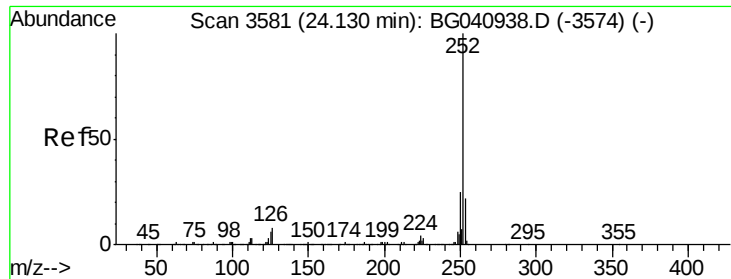
Acq: 31 May 2019 3:09

Tgt Ion:	252	Resp:	1390766
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	5.8	4.3	6.5



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: 44.130 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-2-SMS

Tot Ion:252 Resp: 1316075

Ion Ratio Lower Upper

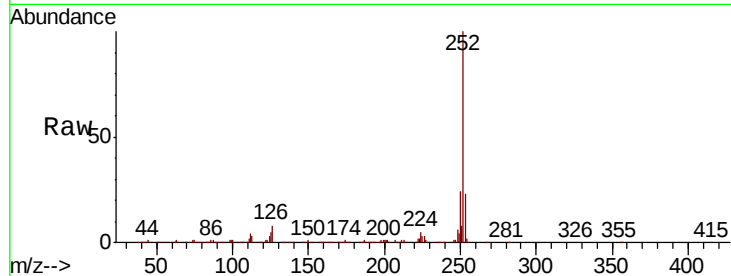
252 100

253 23.3 17.8 26.6

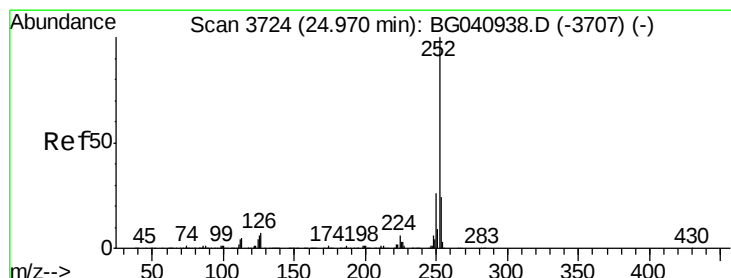
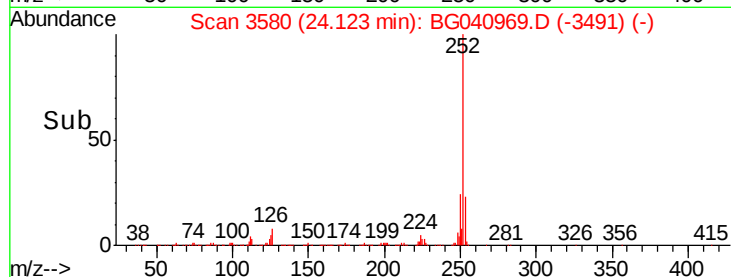
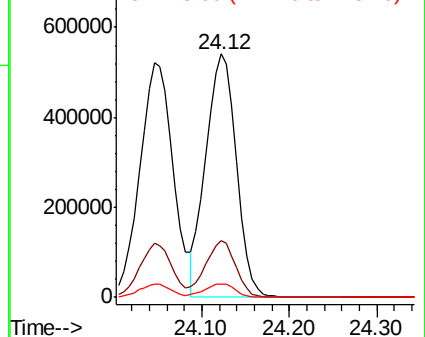
125 5.5 4.7 7.1

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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



#90

Benzo(a)pyrene

Concen: 46.119 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040969.D

Acq: 31 May 2019 3:09

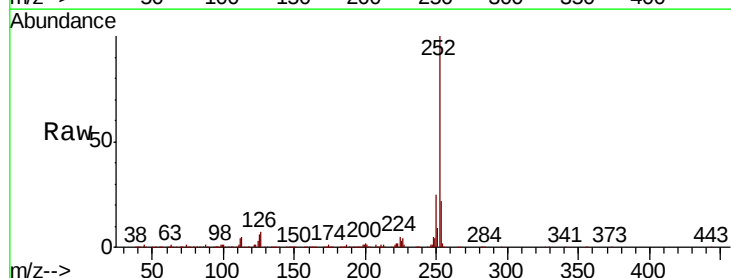
Tgt Ion:252 Resp: 1326036

Ion Ratio Lower Upper

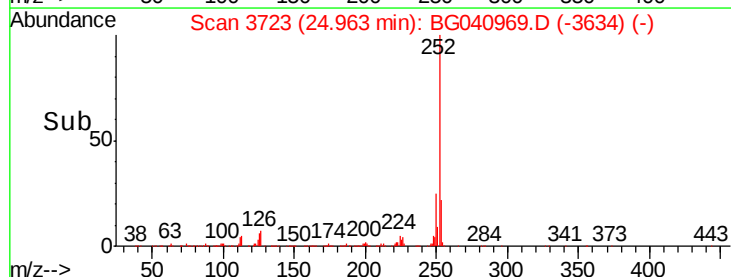
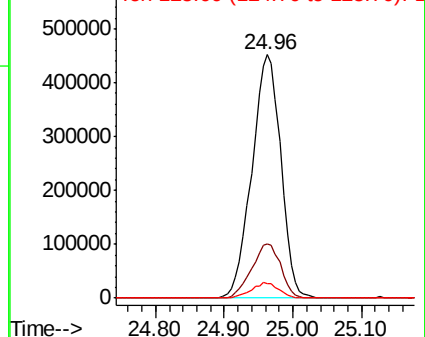
252 100

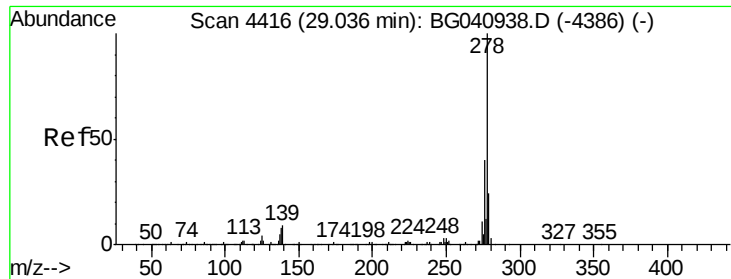
253 22.3 19.5 29.3

125 5.8 5.1 7.7



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





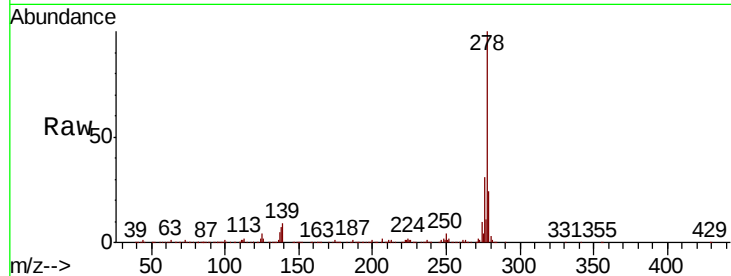
#91
Dibenzo(a,h)anthracene
Concen: 46.242 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-2-SMS

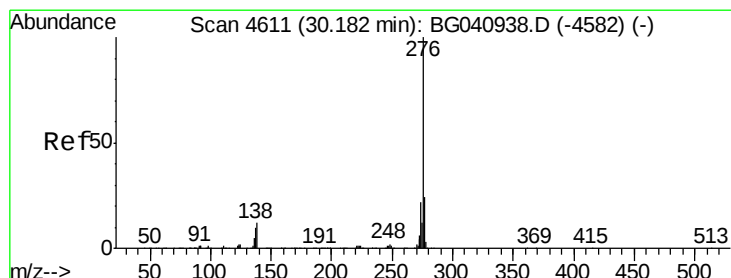
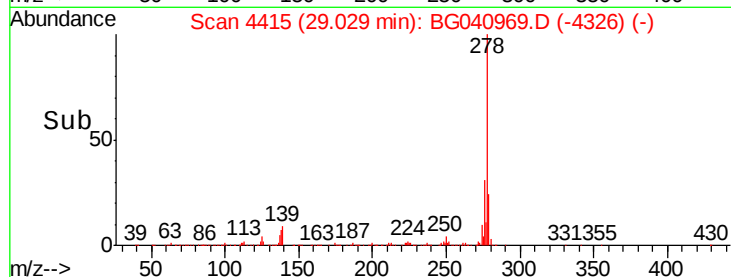
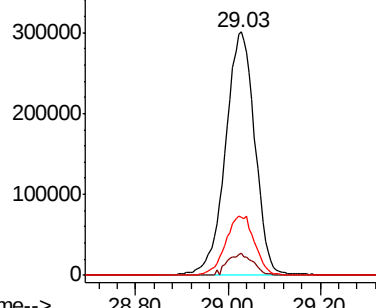
Tot Ion:278 Resp: 1328533
Ion Ratio Lower Upper
278 100
139 9.1 7.1 10.7
279 24.0 19.4 29.2

Manual Integrations
APPROVED

mohammad
5/31/2019 8:19:22 AM

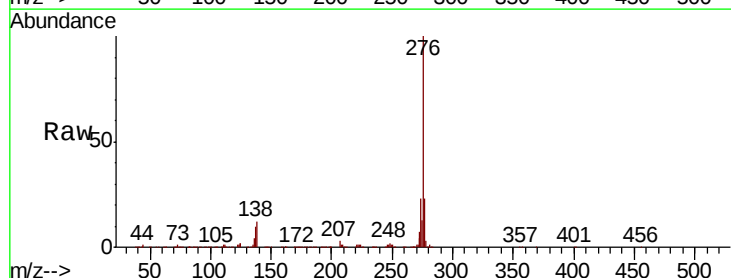


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.012 ng
RT: 30.17 min Scan# 4610
Delta R.T. -0.01 min
Lab File: BG040969.D
Acq: 31 May 2019 3:09

Tgt Ion:276 Resp: 1340118
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 12.1 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

