

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045601.D
 Acq On : 4 Jun 2020 7:05
 Operator : CG/JU
 Sample : L2837-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Manual Integrations
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 6/4/2020 12:11:47 PM

Quant Time: Jun 04 07:41:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59099	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232541	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	168242	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	408565	20.00	ng	0.00
76) Chrysene-d12	21.61	240	385743	20.00	ng	0.00
87) Perylene-d12	24.75	264	425171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	401638	132.81	ng	0.00
7) Phenol-d6	7.15	99	499842	116.13	ng	0.00
23) Nitrobenzene-d5	9.11	82	418433	98.12	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	325977	151.50	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	955568	96.34	ng	0.00
79) Terphenyl-d14	19.96	244	1706240	103.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	56105	37.413	ng	# 31
3) Pyridine	3.82	79	89043	21.320	ng	99
4) n-Nitrosodimethylamine	3.72	42	62092	45.433	ng	90
6) Aniline	7.28	93	129412	23.033	ng	# 95
8) 2-Chlorophenol	7.53	128	166643	50.250	ng	95
9) Benzaldehyde	7.08	77	112030	39.950	ng	96
10) Phenol	7.18	94	180491	40.688	ng	100
11) bis(2-Chloroethyl)ether	7.37	93	159928	46.221	ng	98
12) 1,3-Dichlorobenzene	7.84	146	183399	46.020	ng	94
13) 1,4-Dichlorobenzene	7.99	146	188149	47.840	ng	98
14) 1,2-Dichlorobenzene	8.30	146	172073	45.490	ng	97
15) Benzyl Alcohol	8.20	79	171839	48.329	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	146287	44.540	ng	96
17) 2-Methylphenol	8.42	107	147342	44.376	ng	98
18) Hexachloroethane	9.04	117	70192	46.600	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	142651	47.928	ng	97
20) 3+4-Methylphenols	8.75	107	193440m	42.783	ng	
22) Acetophenone	8.77	105	263146	47.745	ng	98
24) Nitrobenzene	9.16	77	214849	47.025	ng	# 96
25) Isophorone	9.68	82	401891	47.855	ng	100
26) 2-Nitrophenol	9.87	139	98294	50.292	ng	95
27) 2,4-Dimethylphenol	9.95	122	156834	54.104	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	217713	49.432	ng	97
29) 2,4-Dichlorophenol	10.42	162	172527	50.401	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	197686	48.873	ng	98
31) Naphthalene	10.81	128	521762	48.150	ng	98
32) Benzoic acid	10.11	122	73802	39.640	ng	95
33) 4-Chloroaniline	10.93	127	39773	8.781	ng	97
34) Hexachlorobutadiene	11.10	225	134849	47.163	ng	98
35) Caprolactam	11.69	113	45247m	36.012	ng	
36) 4-Chloro-3-methylphenol	12.07	107	196248	50.878	ng	95
37) 2-Methylnaphthalene	12.42	142	392531	48.601	ng	96
38) 1-Methylnaphthalene	12.64	142	375232m	49.182	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	228877	48.705	ng	99

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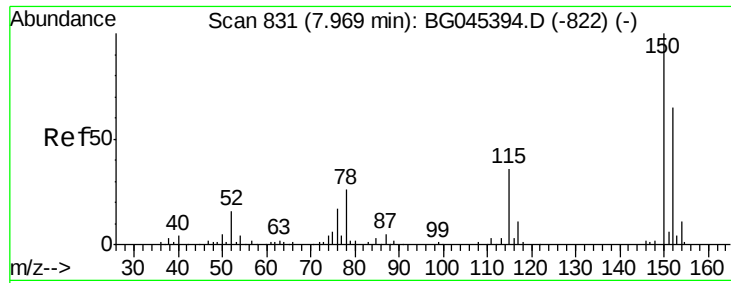
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	227309	83.806	nq	97
43) 2,4,6-Trichlorophenol	13.04	196	156890	48.061	nq	95
44) 2,4,5-Trichlorophenol	13.12	196	171635	46.010	nq	95
46) 1,1'-Biphenyl	13.43	154	507840	49.125	nq	99
47) 2-Chloronaphthalene	13.47	162	391370	46.622	nq	98
48) 2-Nitroaniline	13.68	65	131815	47.736	nq	93
49) Acenaphthylene	14.32	152	650311	48.229	nq	98
50) Dimethylphthalate	14.06	163	643559	55.762	nq	99
51) 2,6-Dinitrotoluene	14.17	165	123332	47.357	nq	95
52) Acenaphthene	14.66	154	480264m	53.210	nq	
53) 3-Nitroaniline	14.51	138	57118	21.575	nq	# 95
54) 2,4-Dinitrophenol	14.71	184	137717	80.676	nq	94
55) Dibenzofuran	14.99	168	633873	47.292	nq	96
56) 4-Nitrophenol	14.85	139	156900	78.281	nq	91
57) 2,4-Dinitrotoluene	14.96	165	177505	47.062	nq	96
58) Fluorene	15.65	166	534651	48.553	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	159684	48.656	nq	99
60) Diethylphthalate	15.42	149	561481	46.741	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	296706	47.087	nq	99
62) 4-Nitroaniline	15.67	138	123747	44.775	nq	95
63) Azobenzene	15.93	77	541437	48.338	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112058	47.094	nq	98
66) n-Nitrosodiphenylamine	15.85	169	478138	48.742	nq	96
67) 4-Bromophenyl-phenylether	16.53	248	208600	47.151	nq	96
68) Hexachlorobenzene	16.66	284	231068	49.937	nq	97
69) Atrazine	16.81	200	192777	47.712	nq	97
70) Pentachlorophenol	17.01	266	249415	103.809	nq	99
71) Phenanthrene	17.39	178	889252	49.857	nq	99
72) Anthracene	17.48	178	909527	50.779	nq	98
73) Carbazole	17.75	167	838921	48.050	nq	99
74) Di-n-butylphthalate	18.31	149	1003989	47.910	nq	99
75) Fluoranthene	19.40	202	1116677	49.222	nq	99
77) Benzidine	19.58	184	246109	22.717	nq	98
78) Pyrene	19.76	202	1103439	50.182	nq	99
80) Butylbenzylphthalate	20.65	149	458289	48.286	nq	97
81) Benzo(a)anthracene	21.59	228	1071303	49.855	nq	98
82) 3,3'-Dichlorobenzidine	21.50	252	210642	24.990	nq	97
83) Chrysene	21.65	228	1016973	49.219	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	628429	48.167	nq	98
85) Di-n-octyl phthalate	22.68	149	1077338	48.078	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1332899	49.332	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	1153607	50.591	nq	99
89) Benzo(k)fluoranthene	23.82	252	1066578	49.788	nq	100
90) Benzo(a)pyrene	24.61	252	1035652	48.768	nq	99
91) Dibenzo(a,h)anthracene	28.39	278	1092888	51.212	nq	97
92) Benzo(g,h,i)perylene	29.46	276	1104766	51.762	nq	98

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



#1

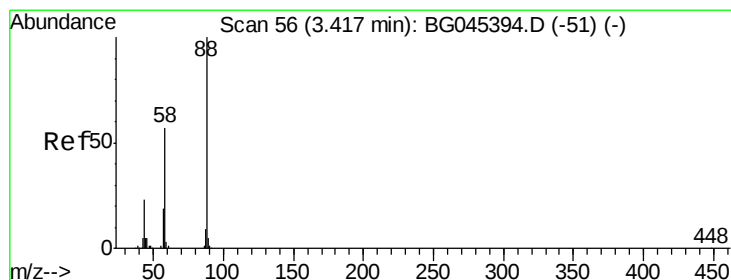
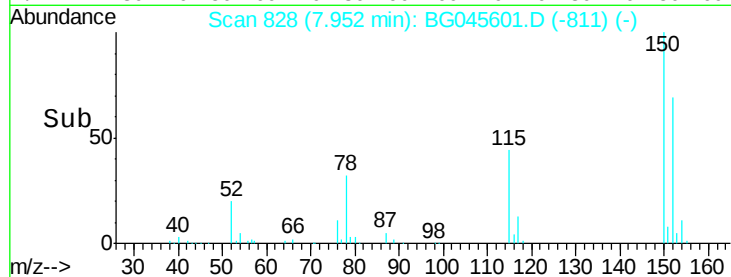
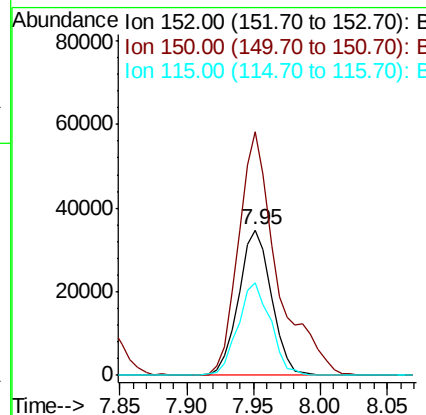
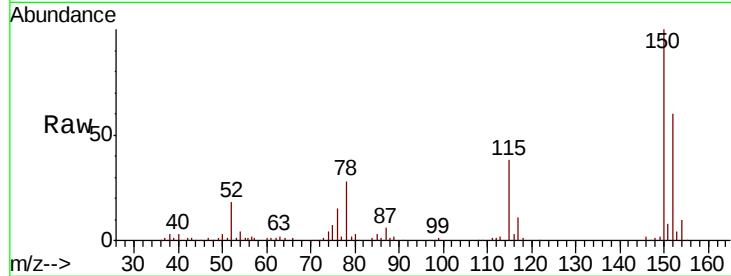
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.2	122.4	183.6
115	63.6	44.2	66.4

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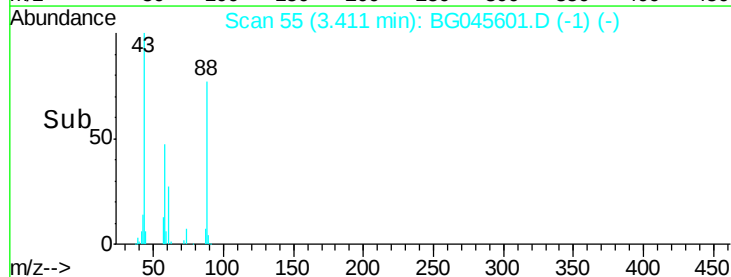
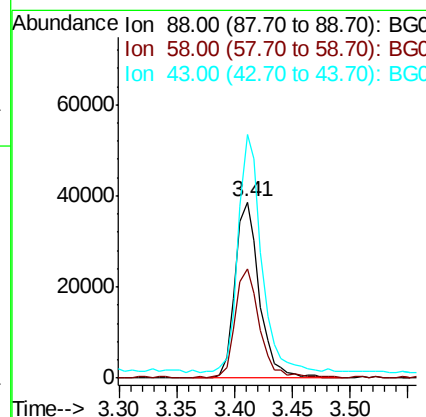
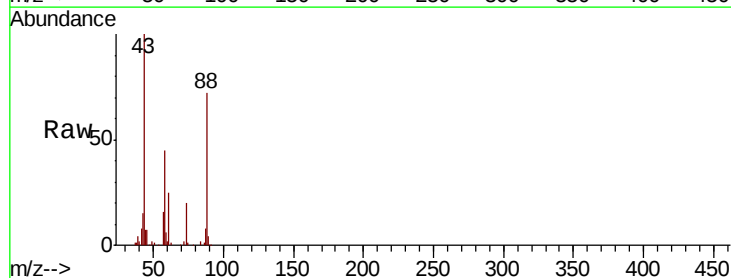
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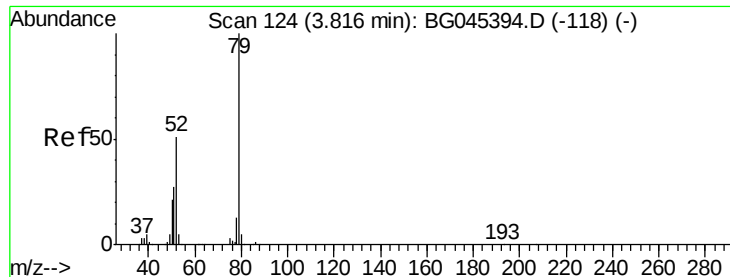


#2

1,4-Dioxane
Concen: 37.413 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	45.7	68.5
43	131.3	16.8	25.2





#3

Pvridine

Concen: 21.320 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

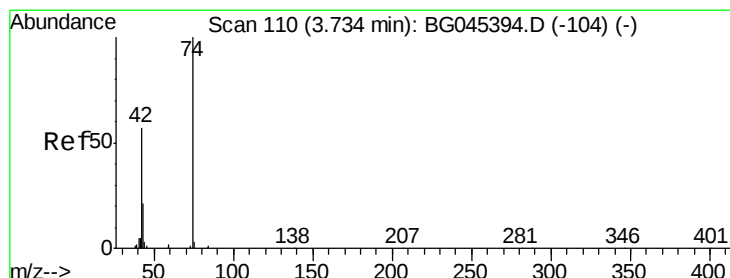
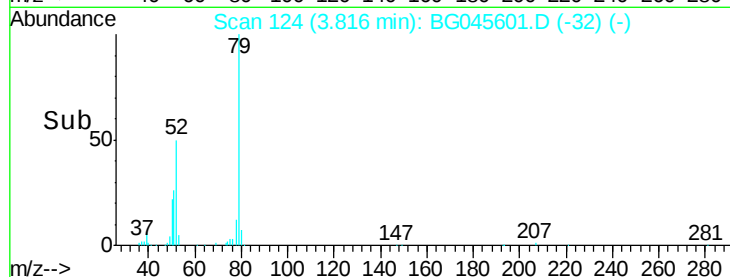
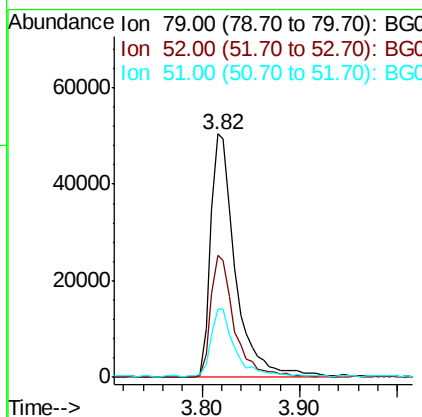
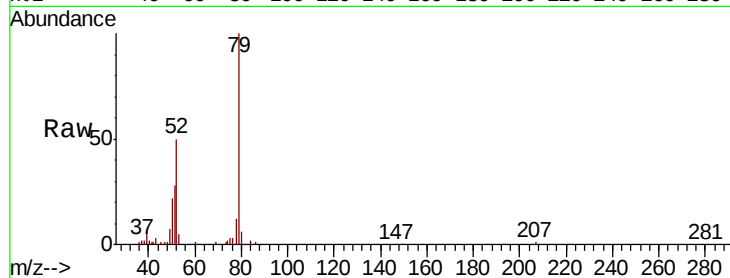
ClientSampleId :

SPMSD

Tot Ion:	79	Resp:	89043
Ion	Ratio	Lower	Upper
79	100		
52	50.3	40.8	61.2
51	28.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 45.433 ng

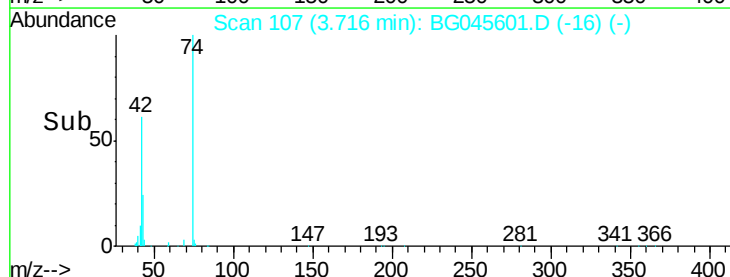
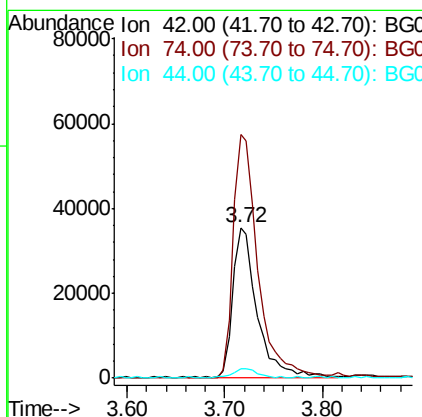
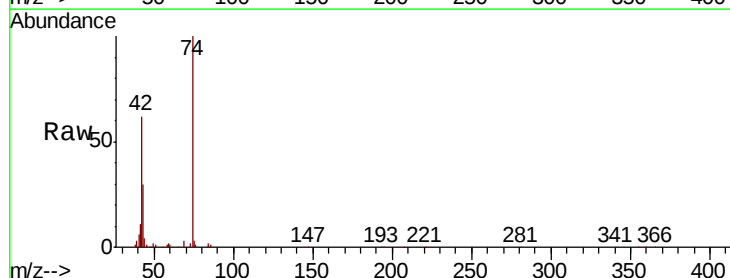
RT: 3.72 min Scan# 107

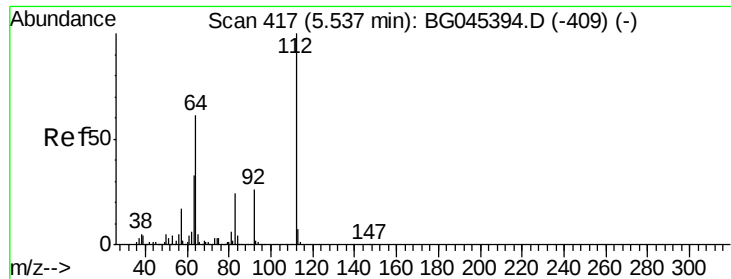
Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	42	Resp:	62092
Ion	Ratio	Lower	Upper
42	100		
74	161.6	141.3	211.9
44	5.9	4.2	6.4





#5

2-Fluorophenol

Concen: 132.814 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

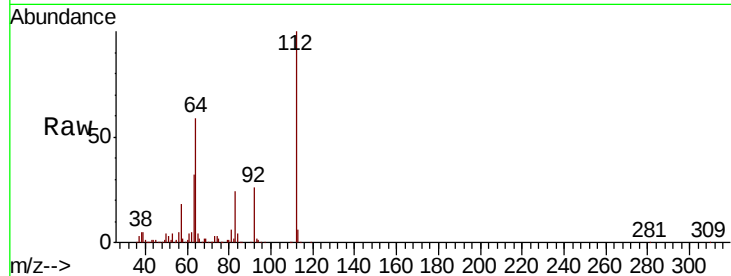
ClientSampleId :

SPMSD

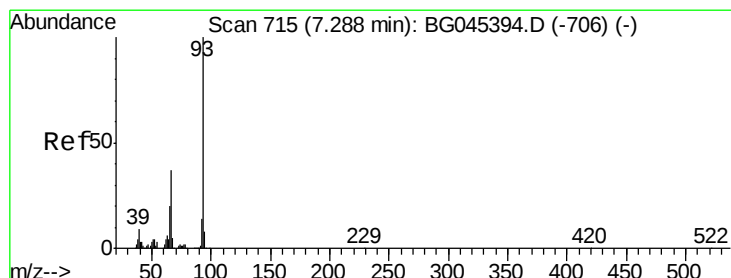
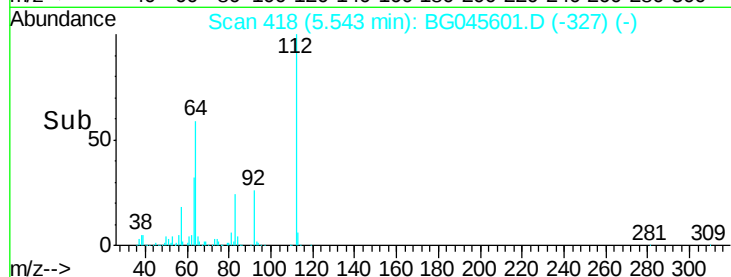
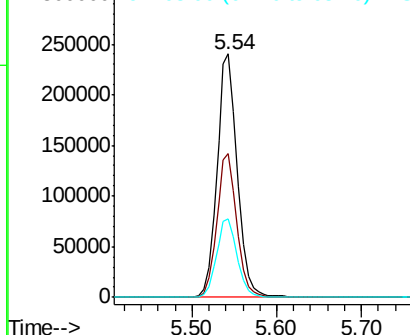
Tot Ion:	112	Resp:	401638
Ion Ratio	Lower	Upper	
112	100		
64	58.9	48.6	72.8
63	32.2	26.5	39.7

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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: 23.033 ng

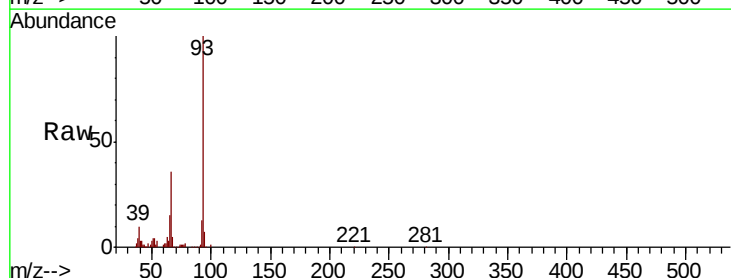
RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

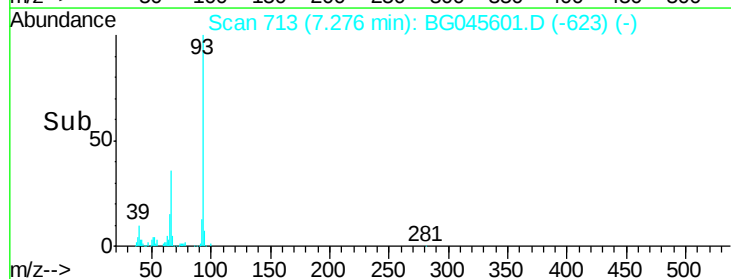
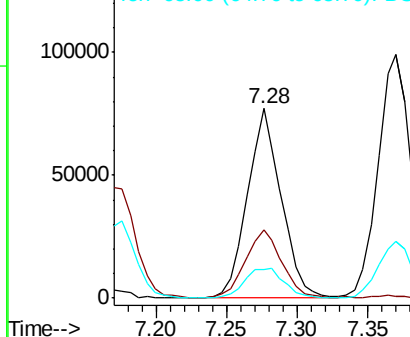
Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	93	Resp:	129412
Ion Ratio	Lower	Upper	
93	100		
66	35.9	29.6	44.4
65	15.3	15.9	23.9#



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: 116.131 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

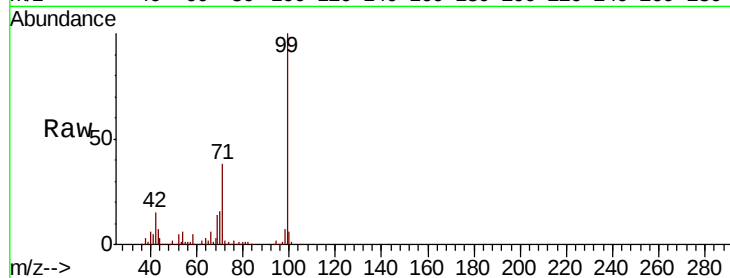
ClientSampleId :

SPMSD

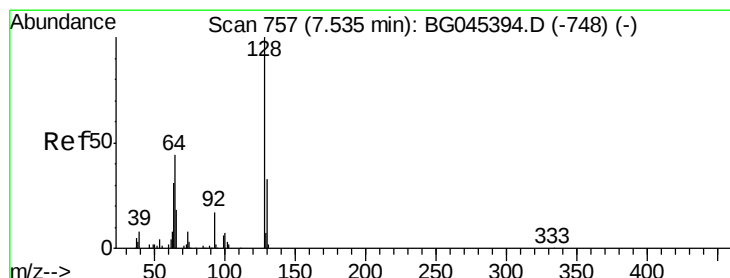
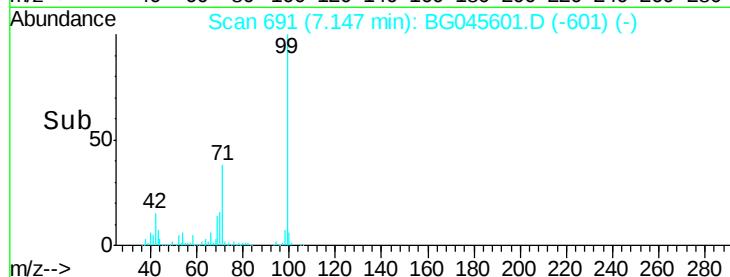
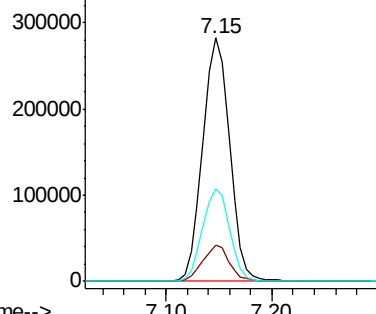
Tot Ion:	99	Resp:	499842
Ion Ratio	Lower	Upper	
99	100		
42	14.6	11.3	16.9
71	38.0	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.250 ng

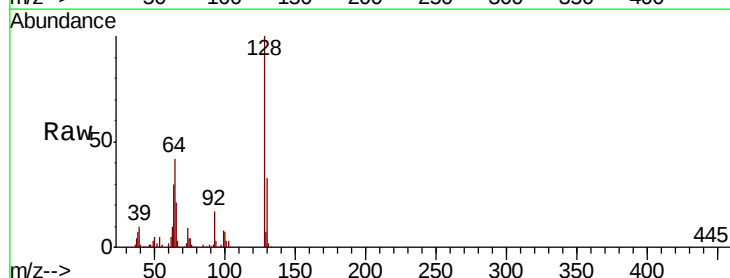
RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

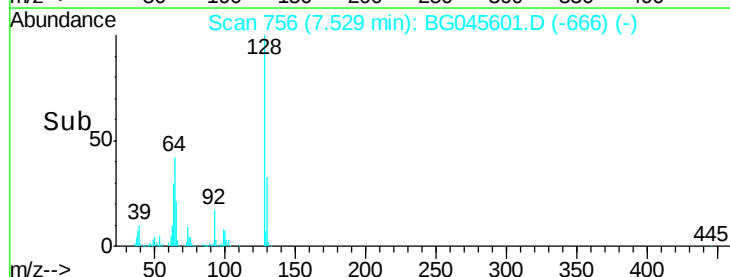
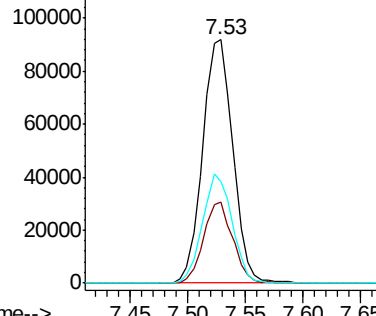
Lab File: BG045601.D

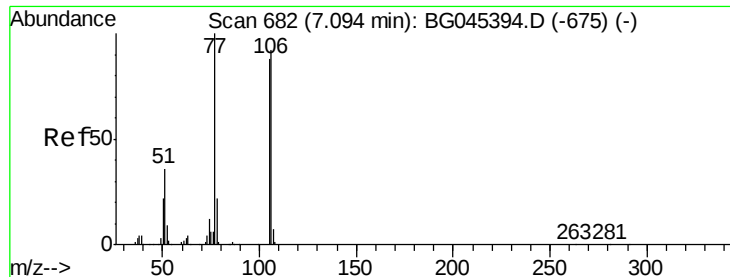
Acq: 4 Jun 2020 7:05

Tgt Ion:	128	Resp:	166643
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.6	52.6
64	41.9	27.0	67.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.950 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

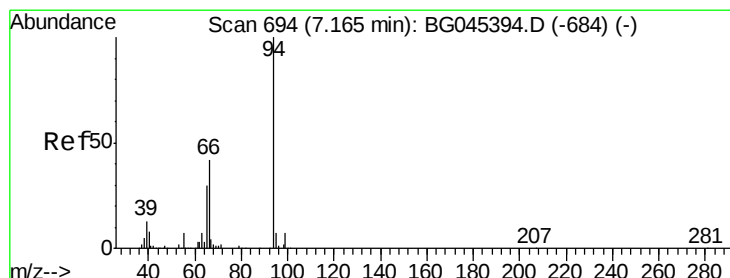
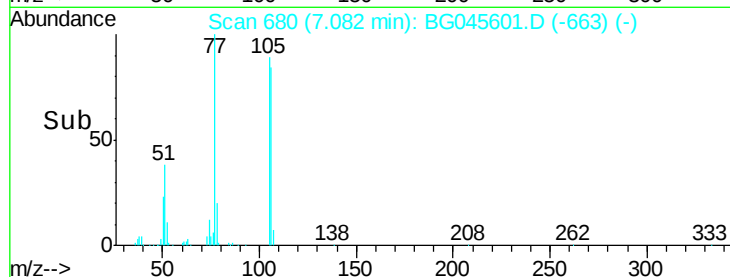
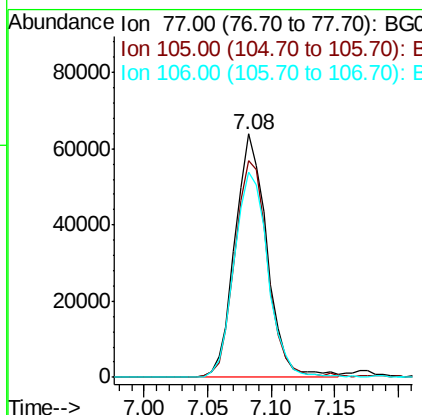
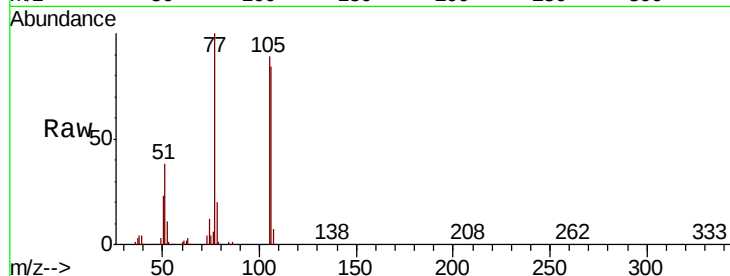
ClientSampleId :

SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	89.0	68.5	108.5		
106	84.5	71.6	111.6		

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#10

Phenol

Concen: 40.688 ng

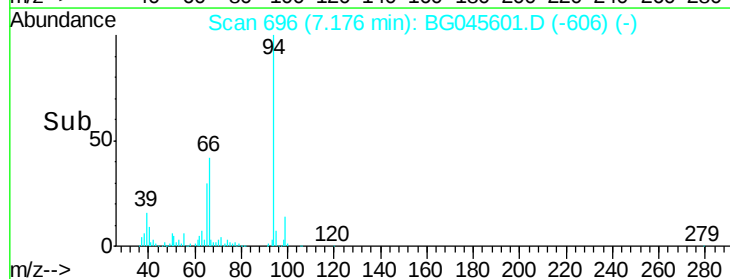
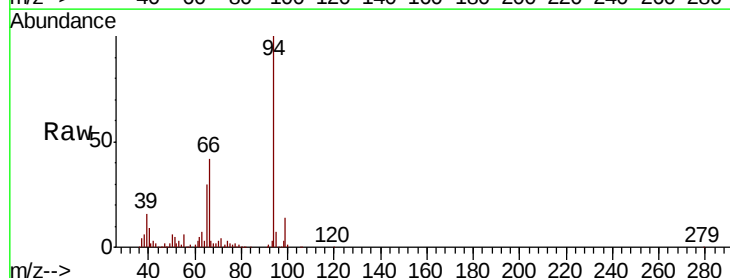
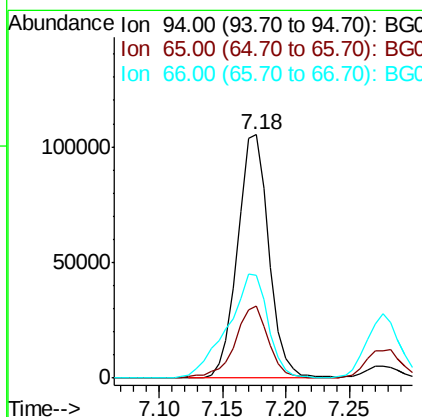
RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.8	9.8	49.8		
66	42.3	22.0	62.0		





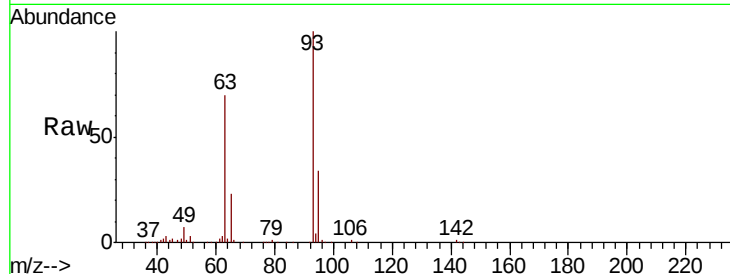
#11
bis(2-Chloroethyl)ether
Concen: 46.221 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159928		
63	70.1		48.4	88.4
95	33.8		12.4	52.4

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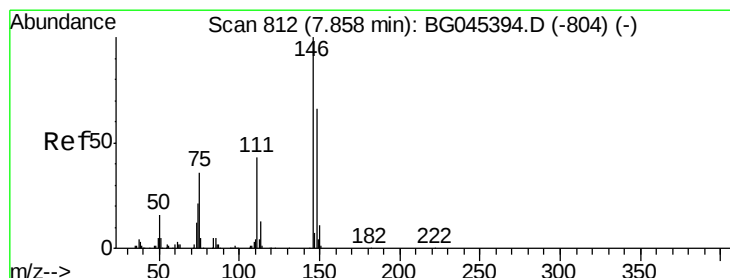
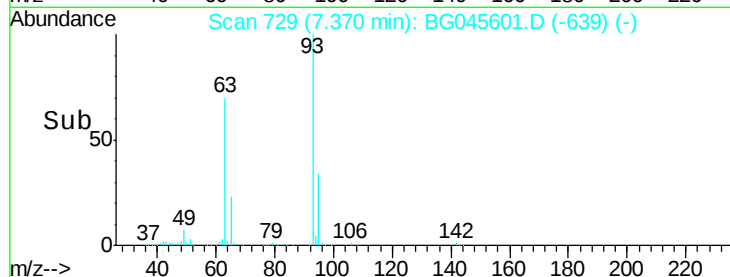
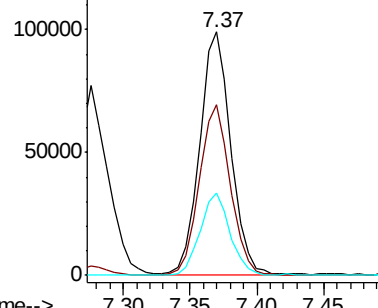


Abundance

Ion 93.00 (92.70 to 93.70): BGC

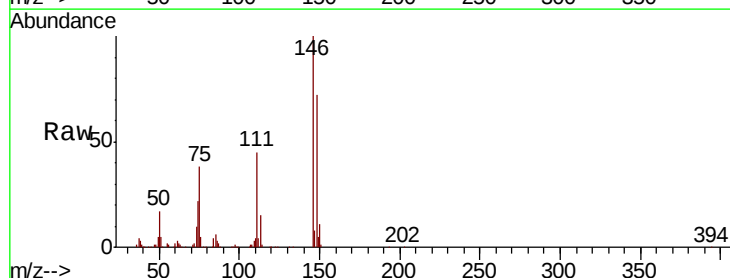
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 46.020 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183399		
148	72.1		53.2	79.8
75	37.6		28.6	43.0

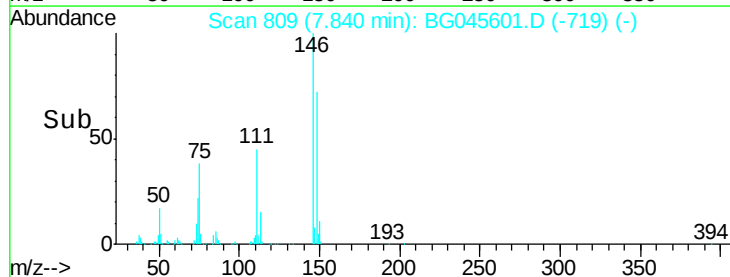
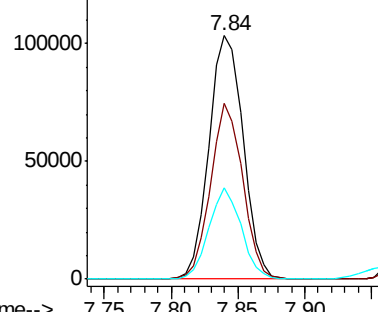


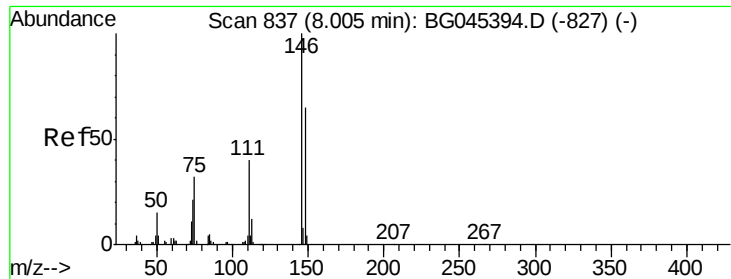
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





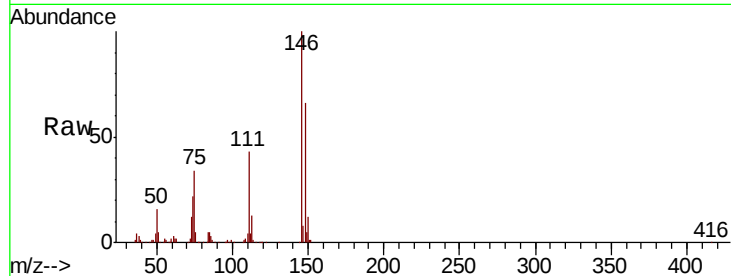
#13
 1,4-Dichlorobenzene
 Concen: 47.840 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.8
111	42.5	32.1	48.1

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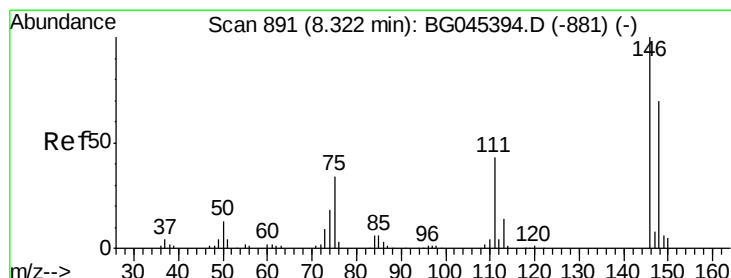
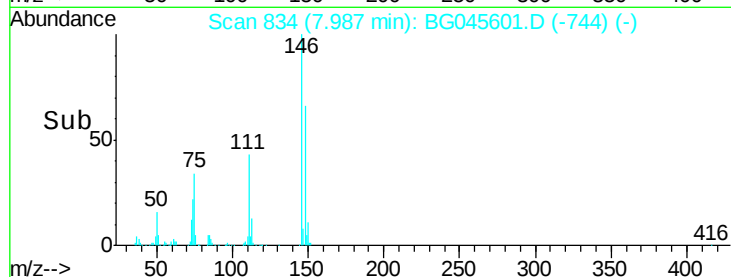
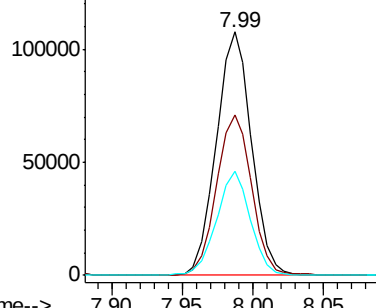


Abundance

Ion 146.00 (145.70 to 146.70): E

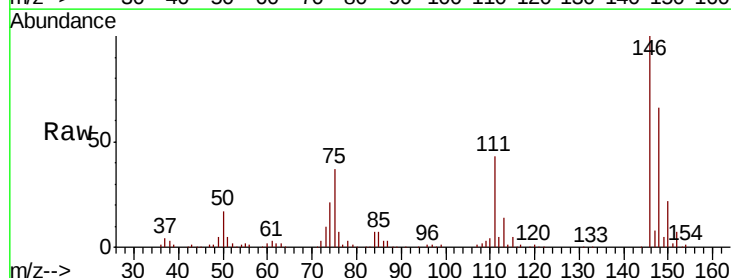
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.490 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	55.9	83.9
111	43.2	35.0	52.4

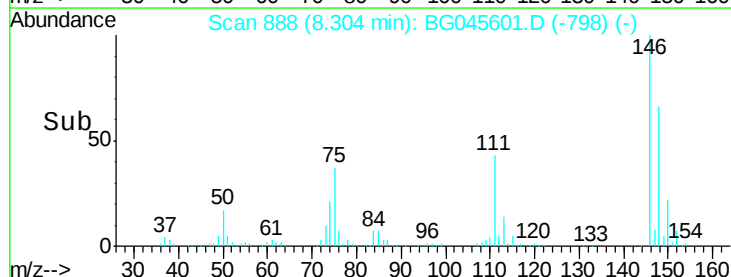
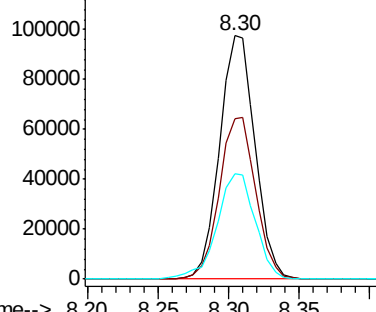


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





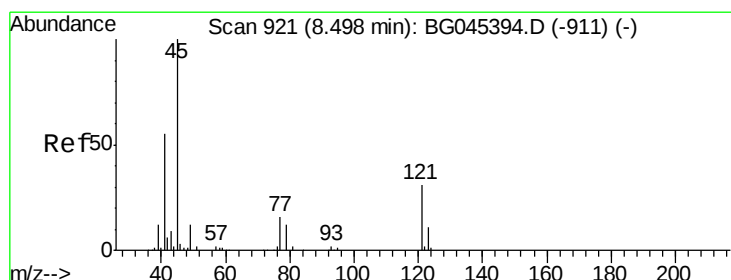
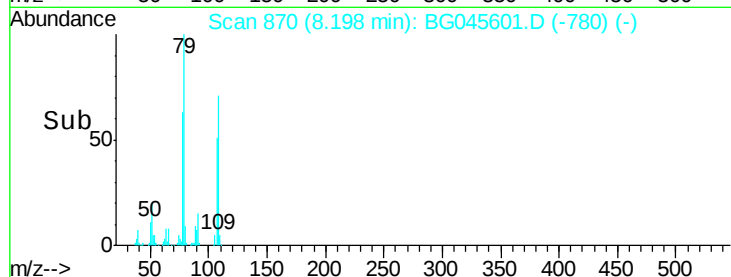
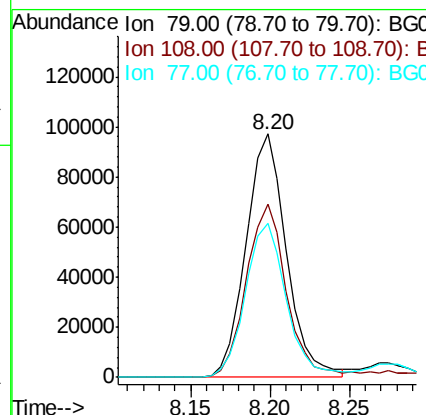
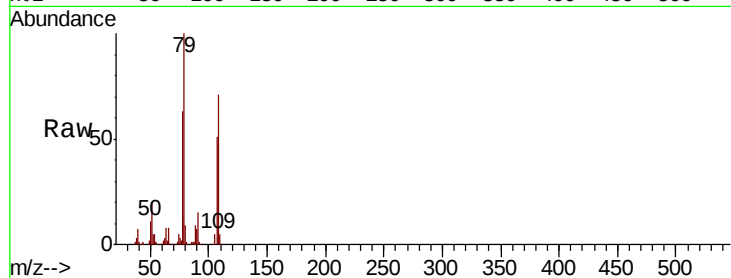
#15
Benzyl Alcohol
Concen: 48.329 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	58.2	87.4
77	63.2	51.0	76.4

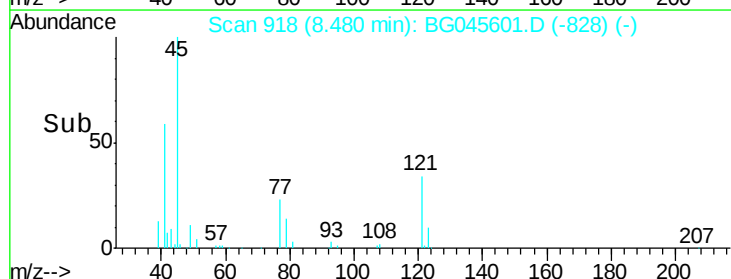
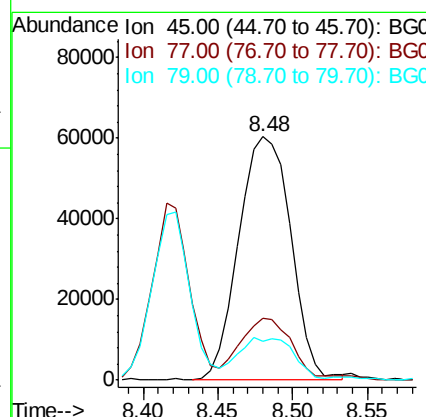
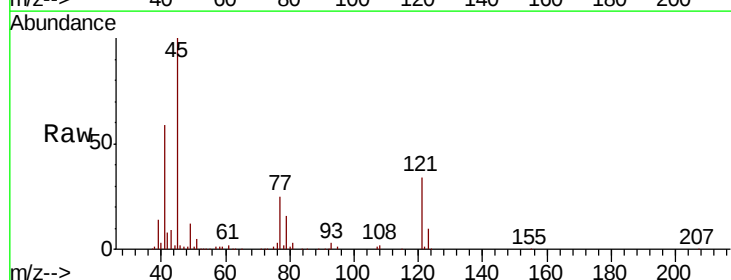
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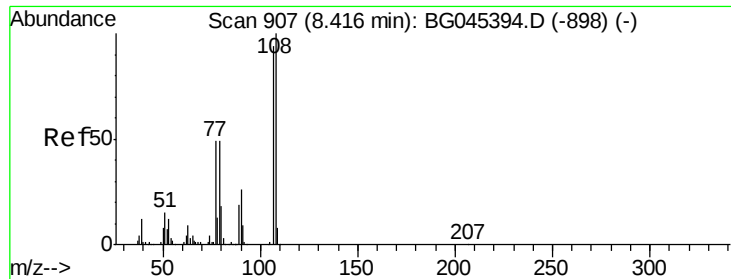
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.540 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.3	4.0	44.0
79	16.2	0.0	38.6





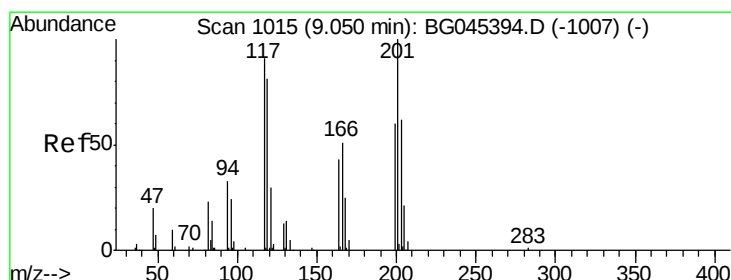
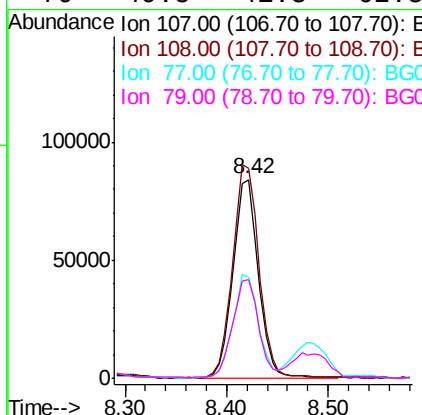
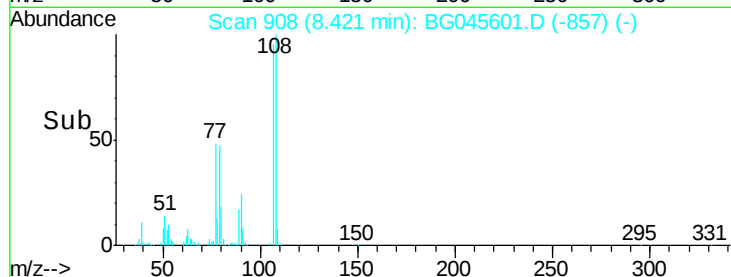
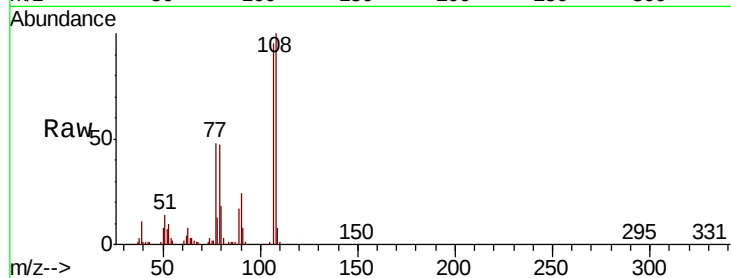
#17
2-Methylphenol
Concen: 44.376 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.6	85.2	127.8	
77	50.7	41.6	62.4	
79	49.5	41.8	62.8	

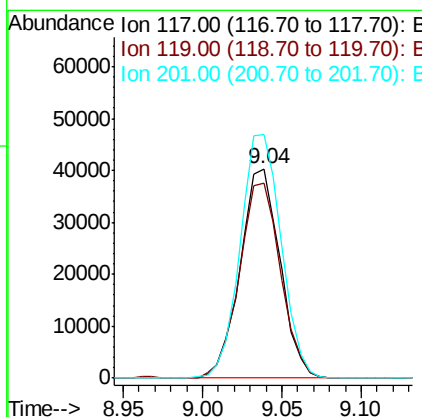
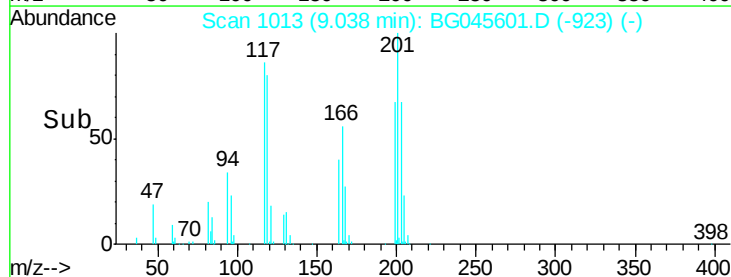
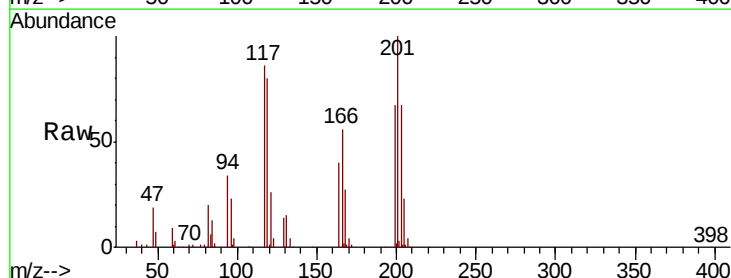
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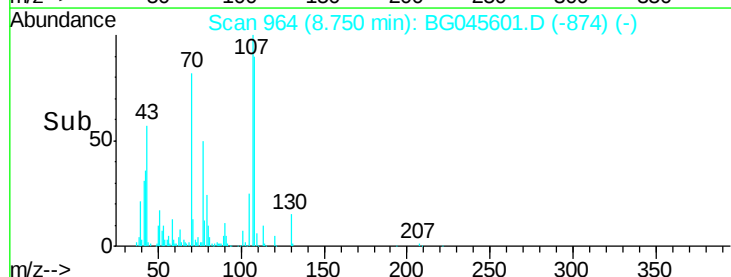
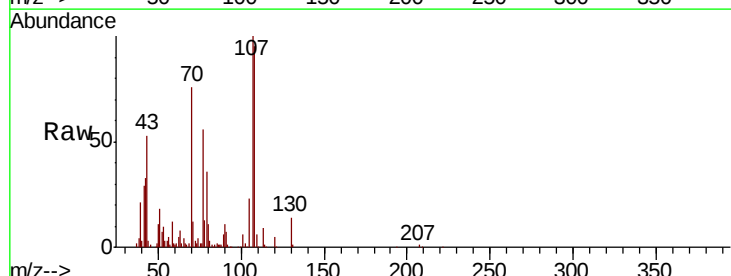
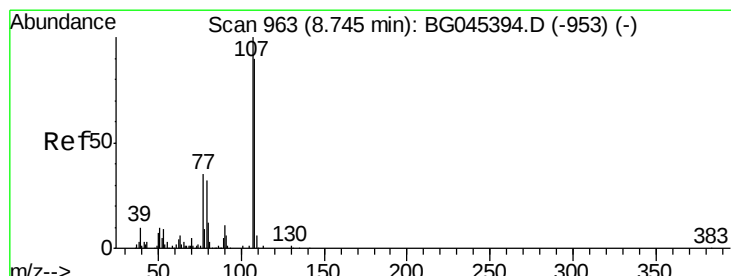
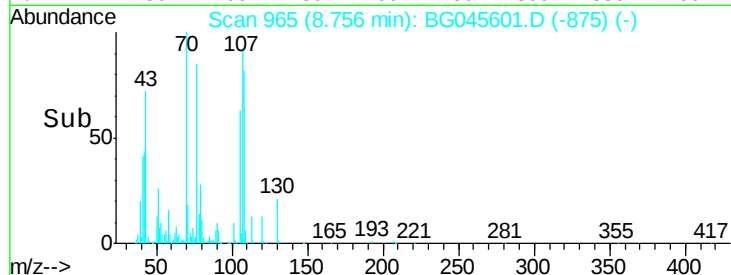
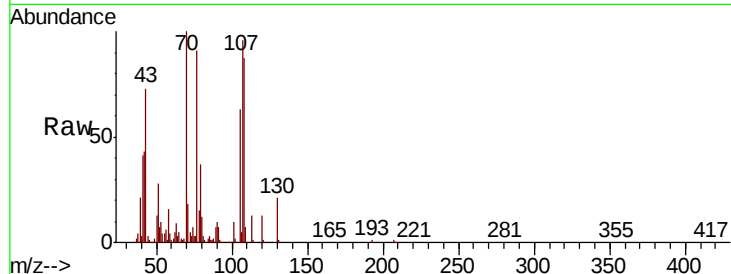
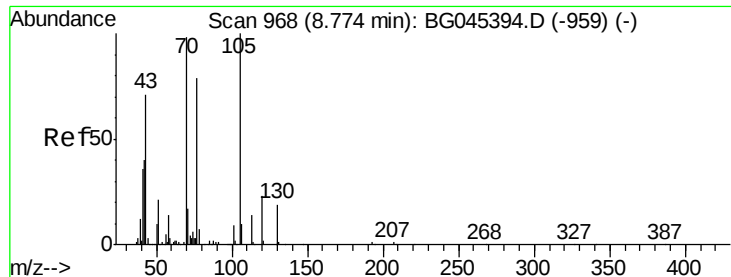
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#18
Hexachloroethane
Concen: 46.600 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

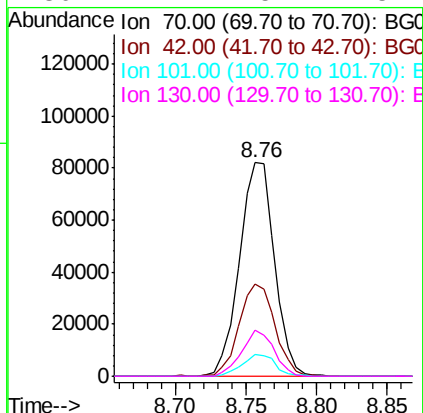
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	71.3	106.9	
201	116.3	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 47.928 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		142651		
42	43.0	33.2	49.8		
101	10.1	7.8	11.6		
130	21.4	15.4	23.2		



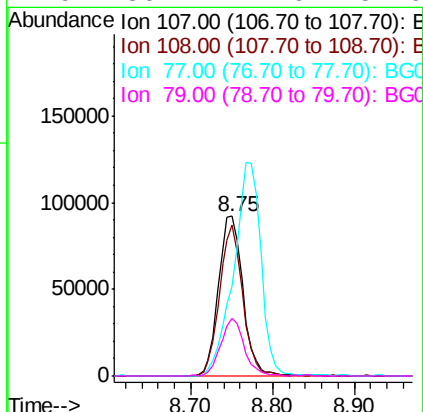
Instrument :
BNA_G
ClientSampleId :
SPMSD

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#20
3+4-Methylphenols
Concen: 42.783 ng m
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		193440		
108	94.7	70.3	110.3		
77	56.3	15.4	55.4#		
79	36.1	12.6	52.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

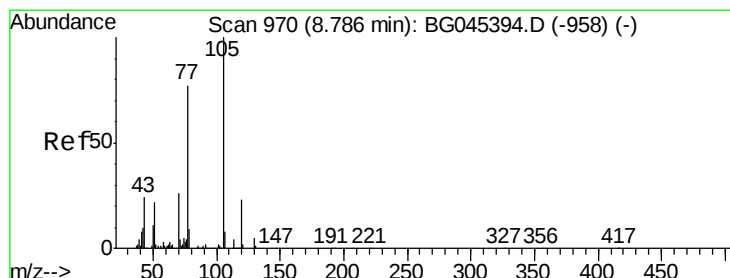
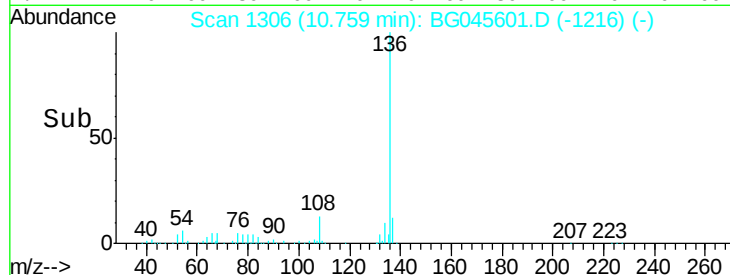
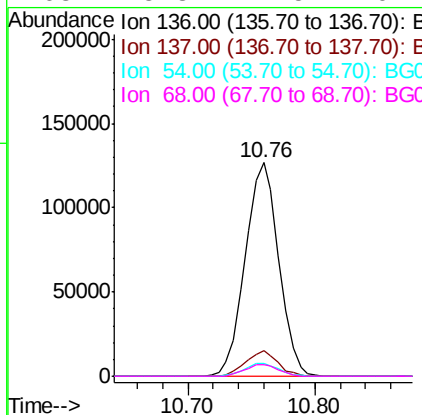
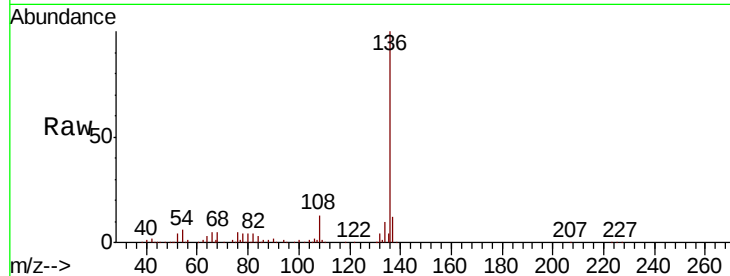
ClientSampleId :

SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232541		
137	11.9		9.4	14.2
54	5.8		5.8	8.6
68	5.3		4.5	6.7

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#22

Acetophenone

Concen: 47.745 ng

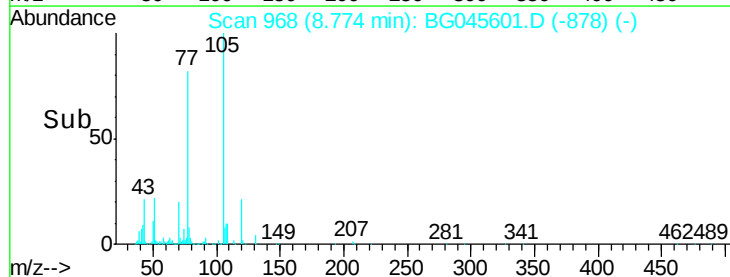
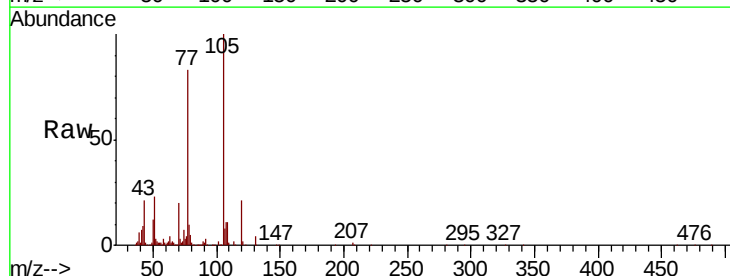
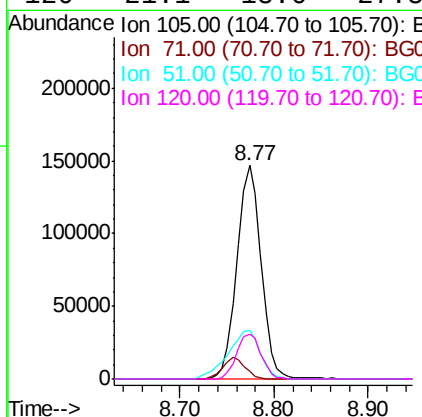
RT: 8.77 min Scan# 968

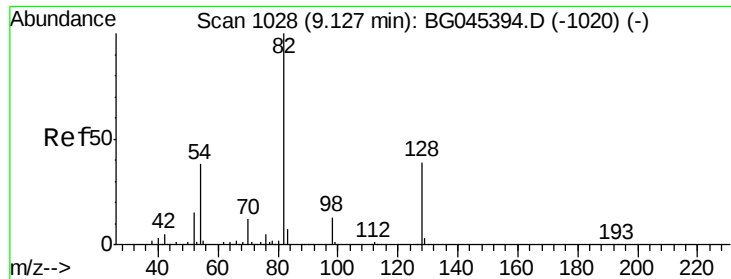
Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263146		
71	3.5		3.4	5.0
51	22.8		18.2	27.2
120	21.1		18.6	27.8





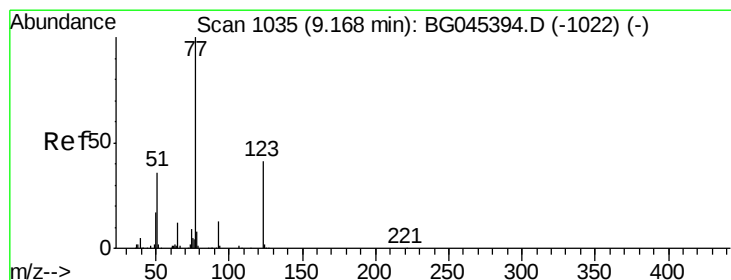
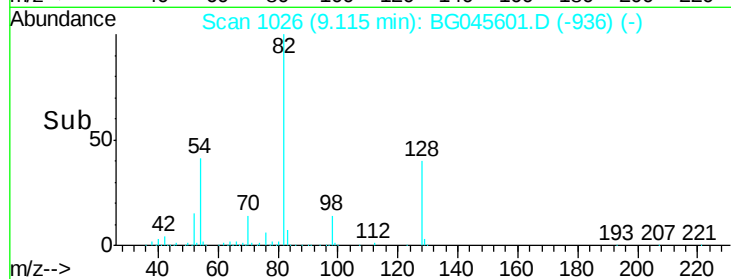
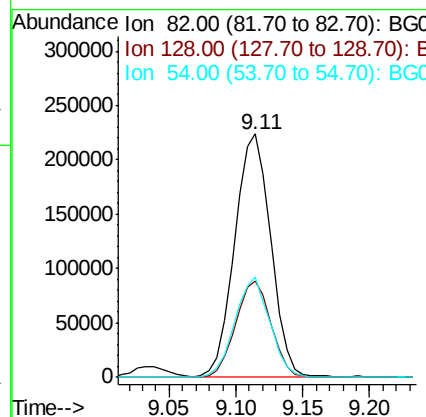
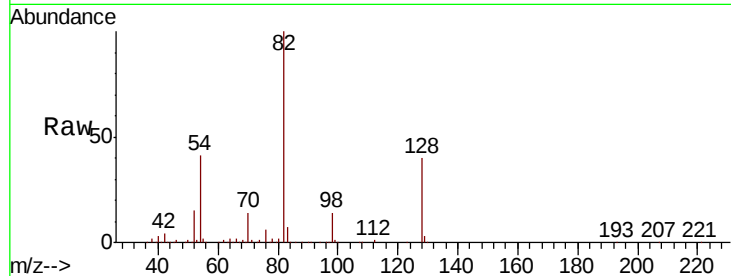
#23
Nitrobenzene-d5
Concen: 98.124 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	41.4	30.3	45.5

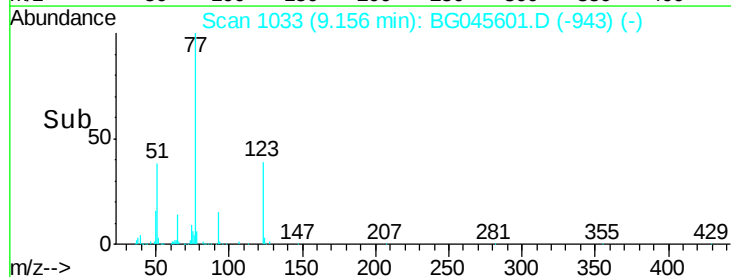
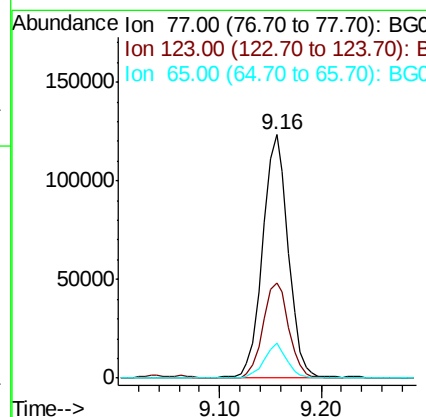
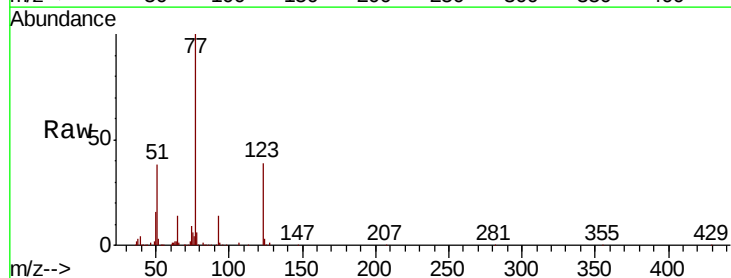
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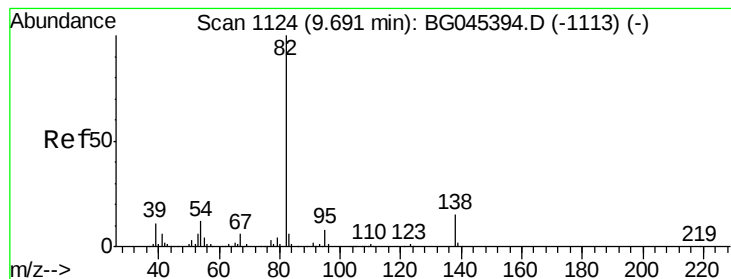
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#24
Nitrobenzene
Concen: 47.025 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	32.9	49.3
65	14.3	9.4	14.2#





#25

Isophorone

Concen: 47.855 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

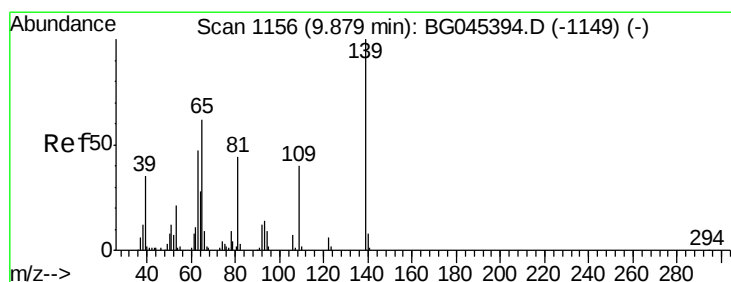
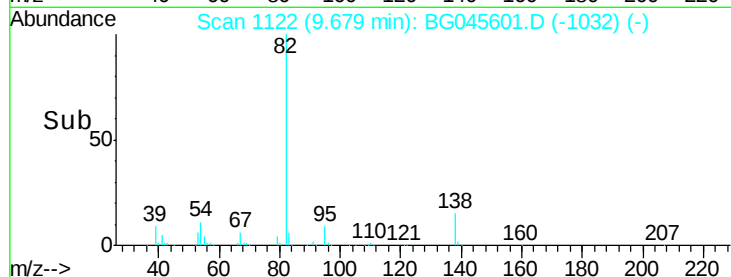
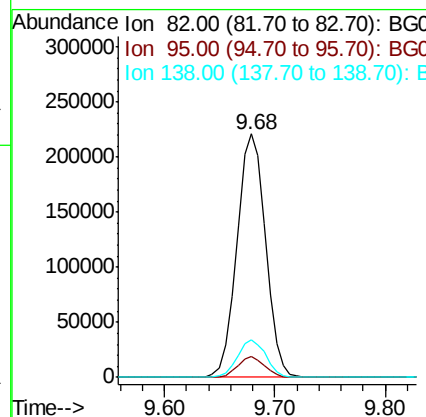
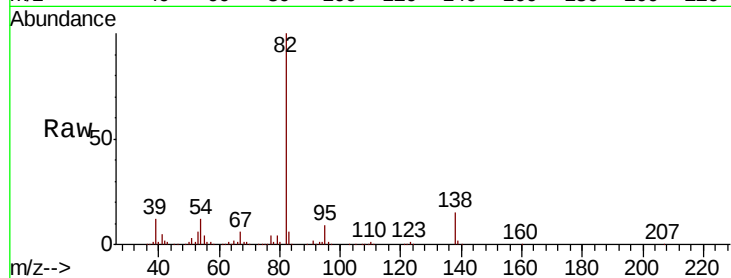
ClientSampled :

SPMSD

Tot Ion:	82	Resp:	401891
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.7	10.1
138	15.2	12.2	18.4

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#26

2-Nitrophenol

Concen: 50.292 ng

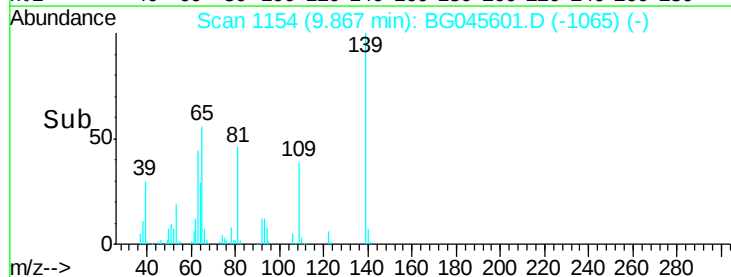
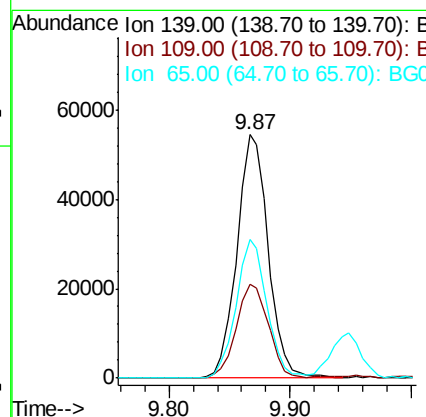
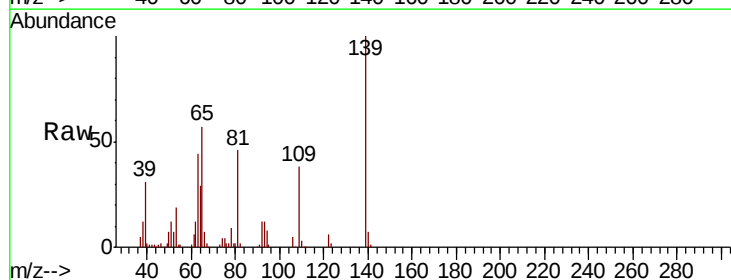
RT: 9.87 min Scan# 1154

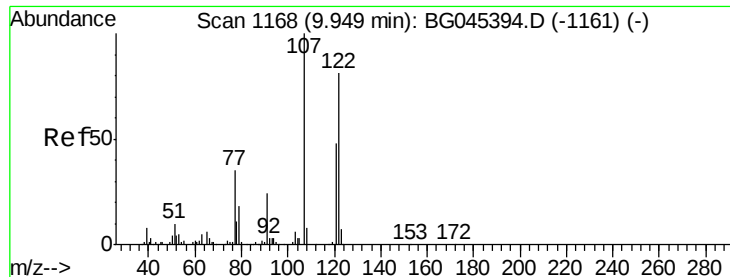
Delta R.T. -0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	139	Resp:	98294
Ion Ratio	Lower	Upper	
139	100		
109	38.4	32.2	48.4
65	56.7	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 54.104 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

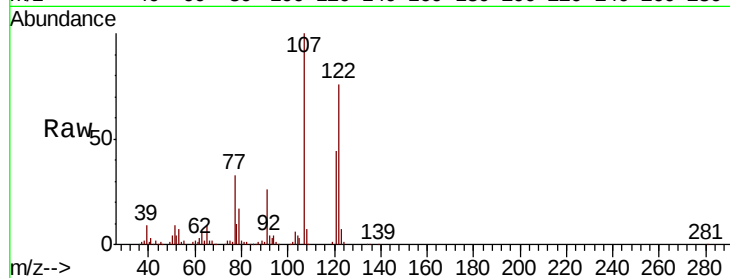
ClientSampleId :

SPMSD

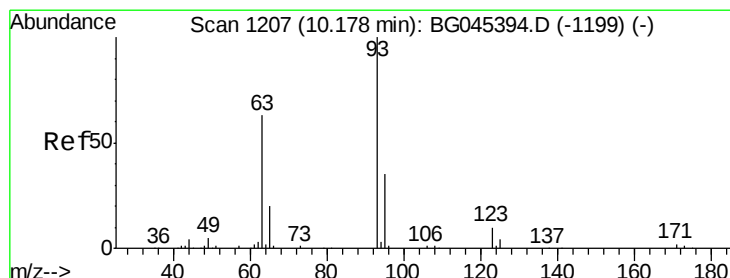
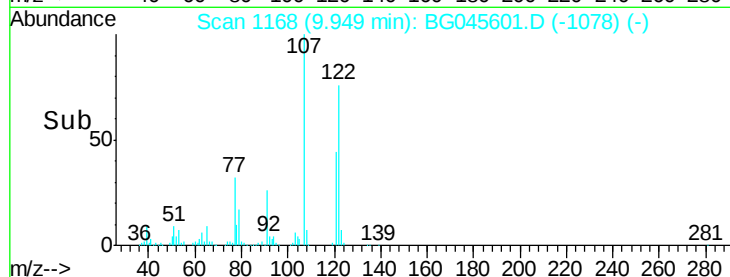
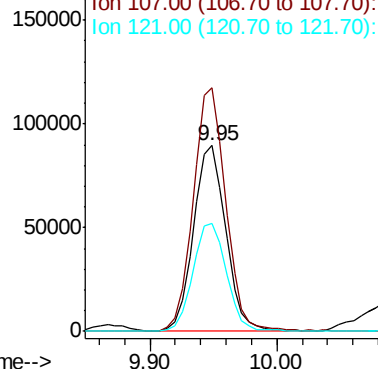
Tot Ion:	122	Resp:	156834
Ion Ratio	Lower	Upper	
122	100		
107	131.3	99.0	148.4
121	58.1	47.7	71.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.432 ng

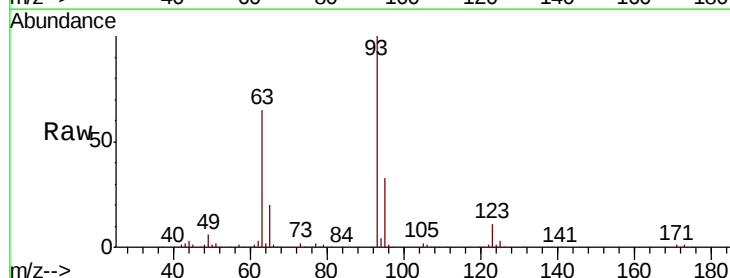
RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

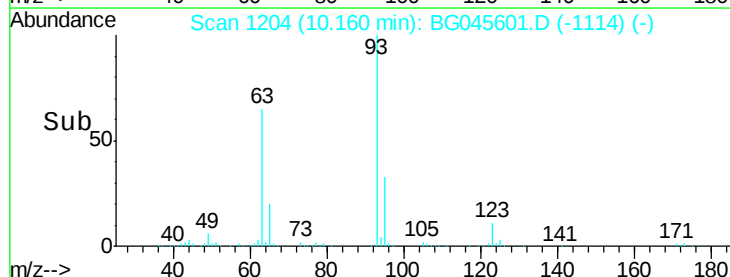
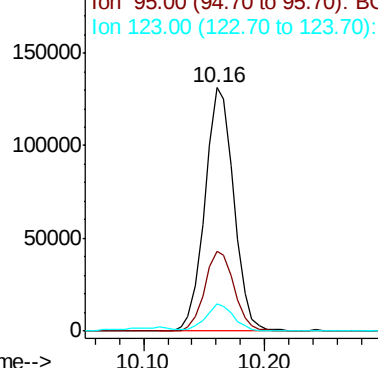
Lab File: BG045601.D

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Tgt Ion:	93	Resp:	217713
Ion Ratio	Lower	Upper	
93	100		
95	32.9	27.6	41.4
123	11.3	8.1	12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





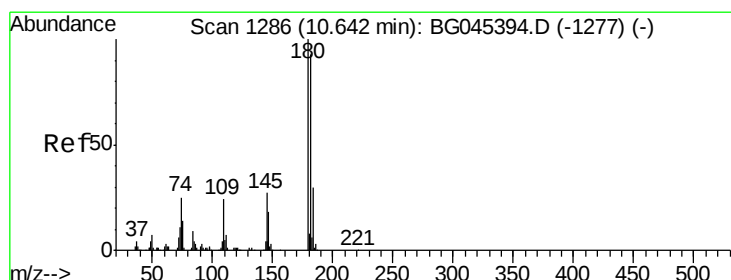
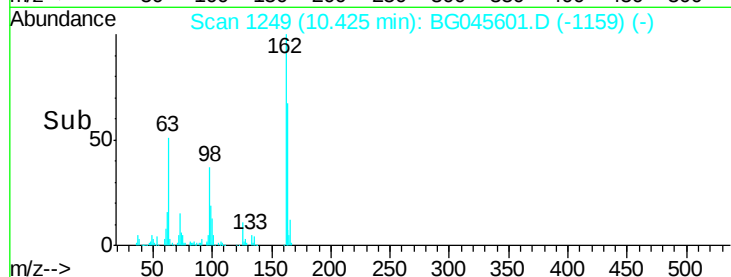
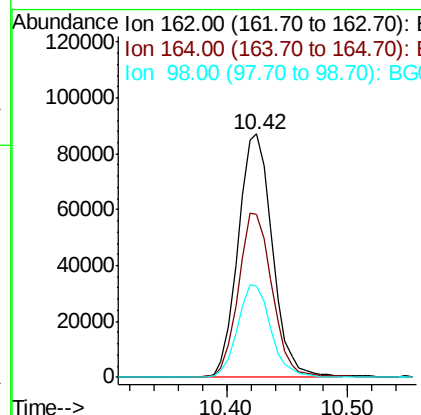
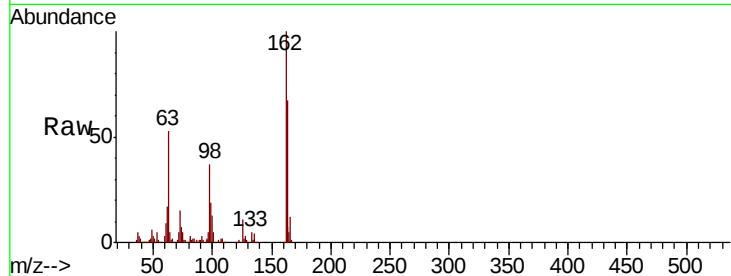
#29
 2,4-Dichlorophenol
 Concen: 50.401 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion:	162	Resp:	172527
Ion Ratio	Lower	Upper	
162	100		
164	67.0	46.8	86.8
98	37.2	15.2	55.2

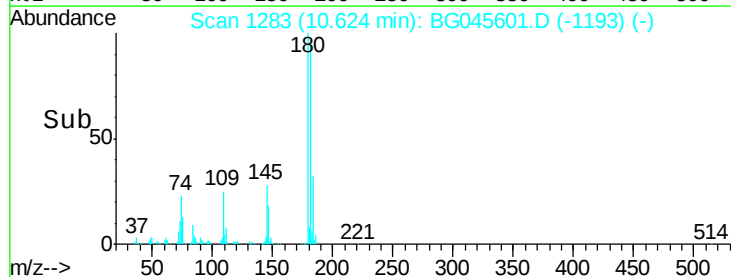
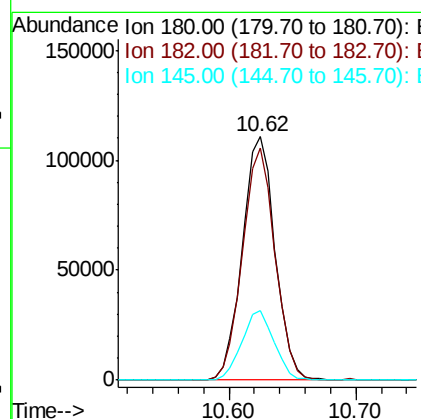
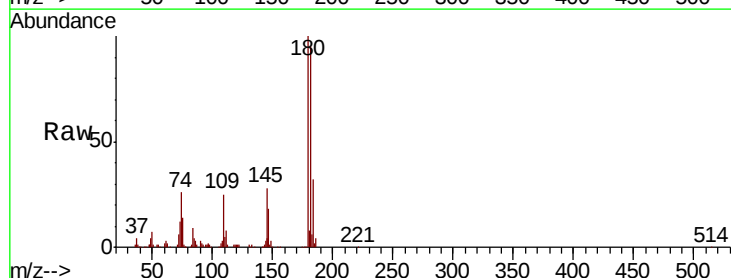
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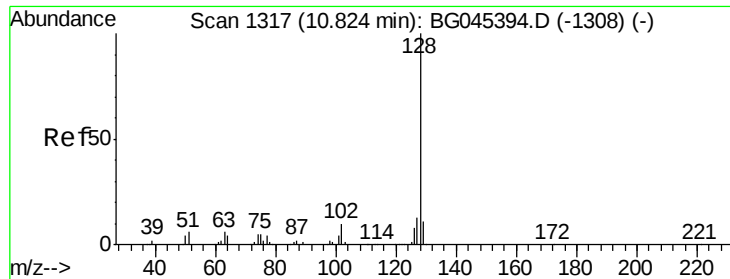
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.873 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion:	180	Resp:	197686
Ion Ratio	Lower	Upper	
180	100		
182	95.1	74.8	112.2
145	28.3	21.9	32.9





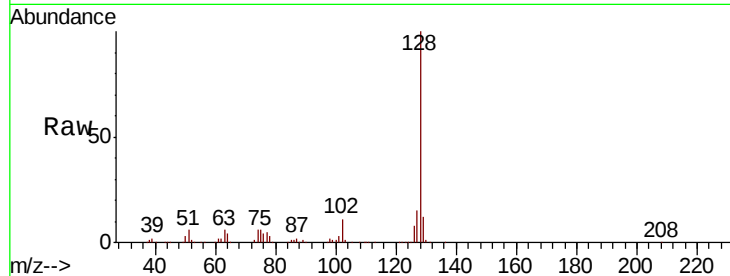
#31
Naphthalene
Concen: 48.150 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.7	10.7	16.1

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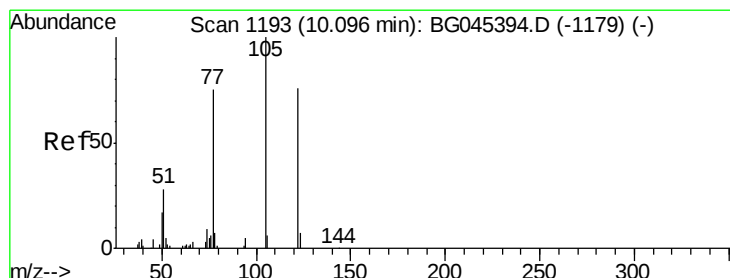
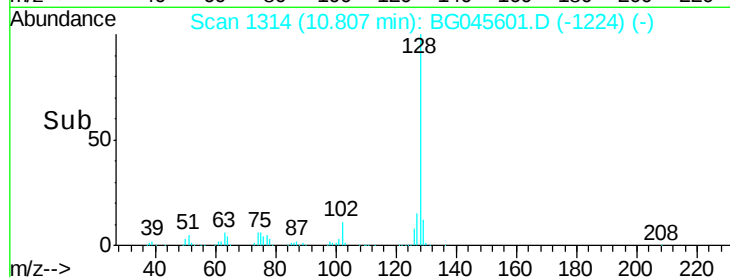
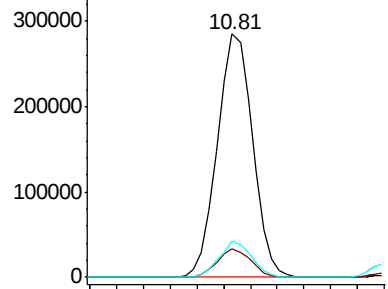


Abundance

Ion 128.00 (127.70 to 128.70): E

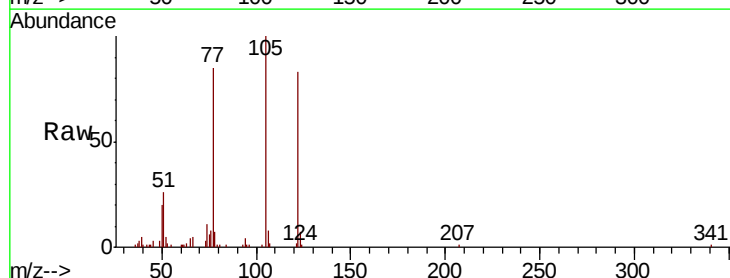
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.640 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	107.9	147.9
77	102.1	78.9	118.9

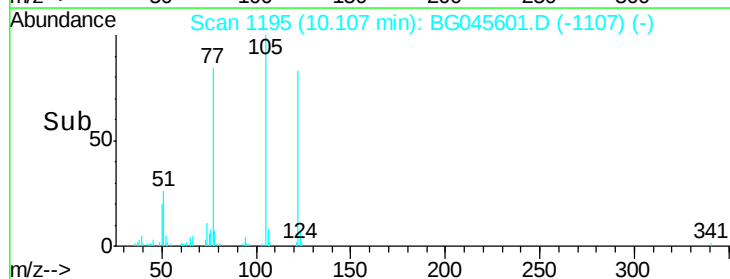
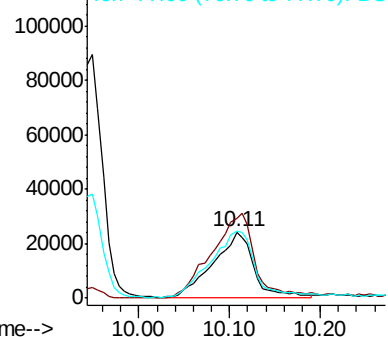


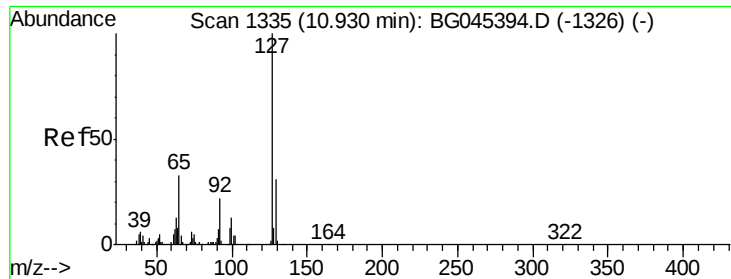
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





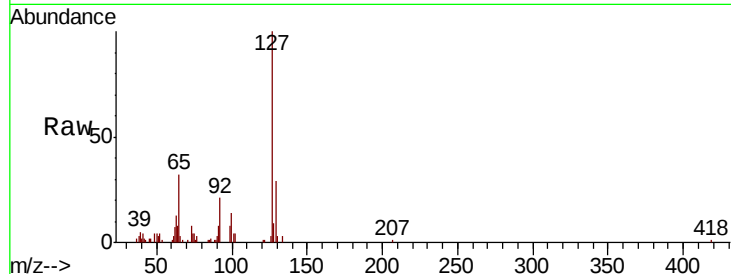
#33
4-Chloroaniline
Concen: 8.781 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

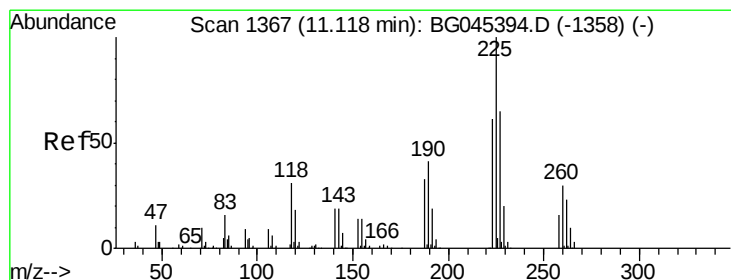
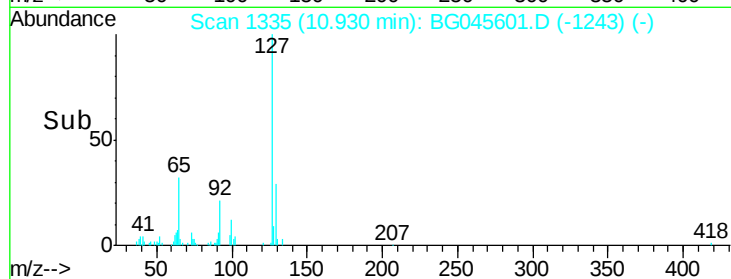
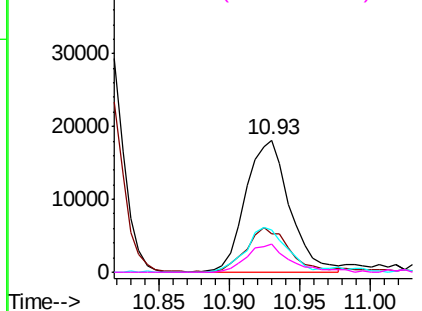
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		39773		
129	28.9	24.7	37.1		
65	31.6	26.2	39.2		
92	21.5	17.9	26.9		

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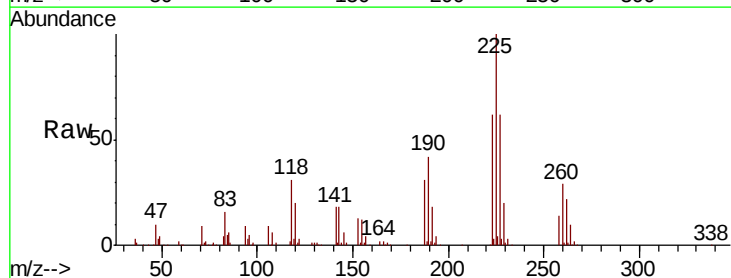


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

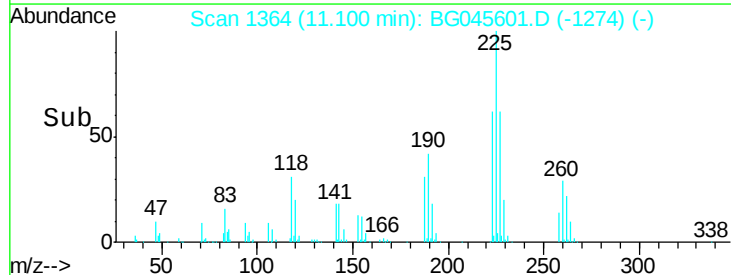
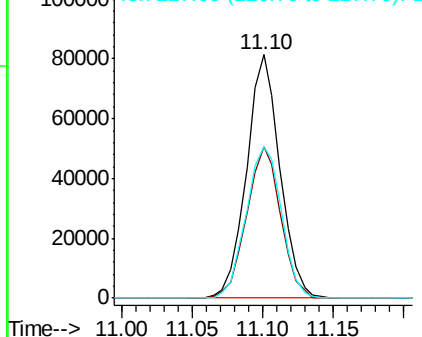


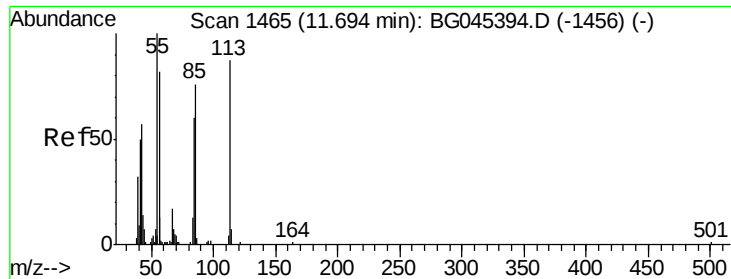
#34
Hexachlorobutadiene
Concen: 47.163 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		134849		
223	62.2	49.1	73.7		
227	62.4	52.0	78.0		



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





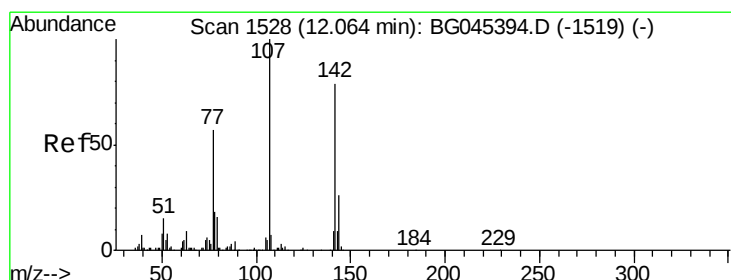
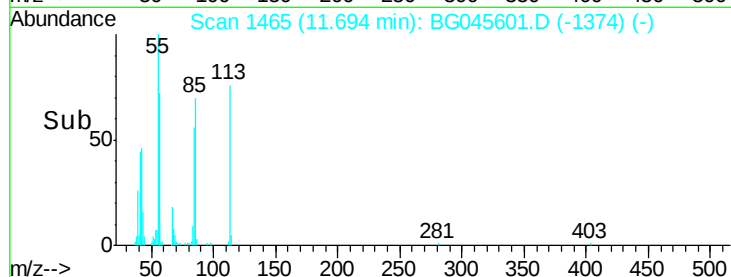
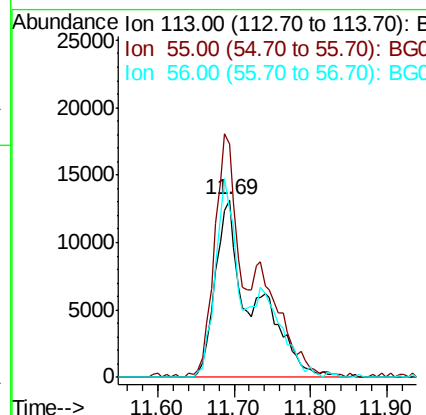
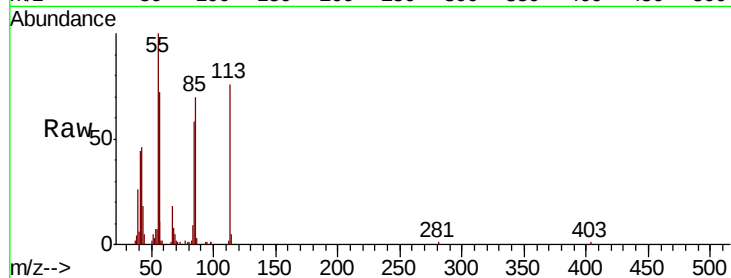
#35
 Caprolactam
 Concen: 36.012 ng/ml
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleID :
 SPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.8	96.0	136.0
56	94.9	75.1	115.1

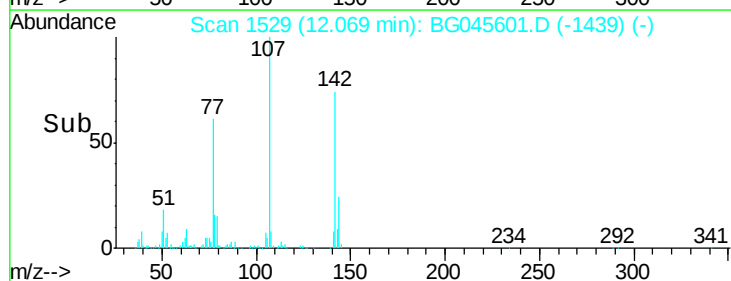
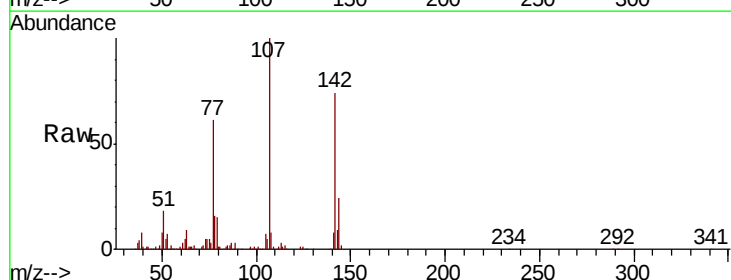
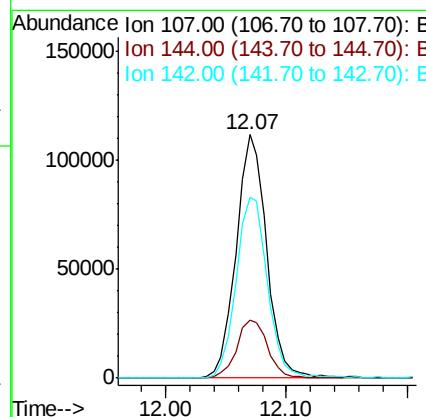
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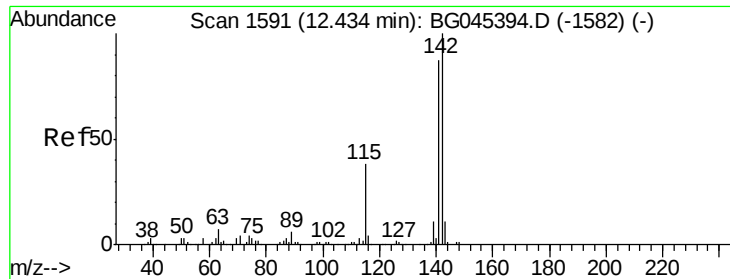
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#36
 4-Chloro-3-methylphenol
 Concen: 50.878 ng/ml
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.8	31.2
142	74.1	62.8	94.2





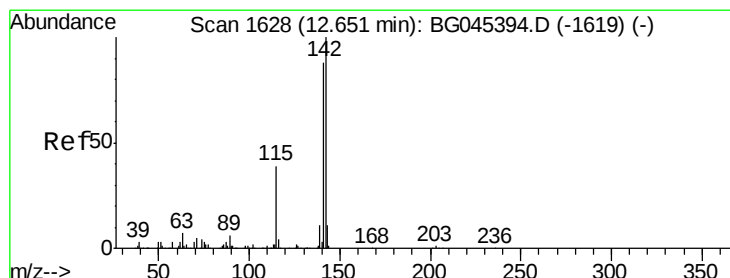
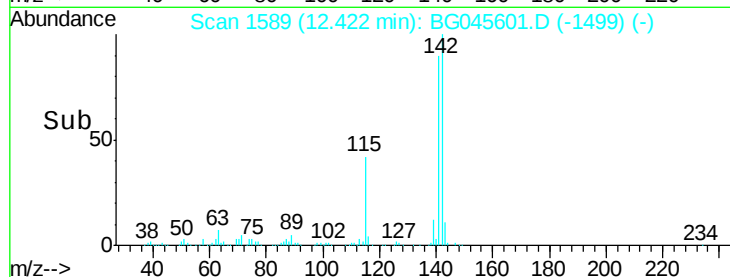
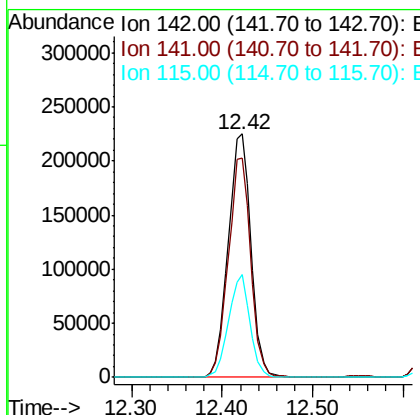
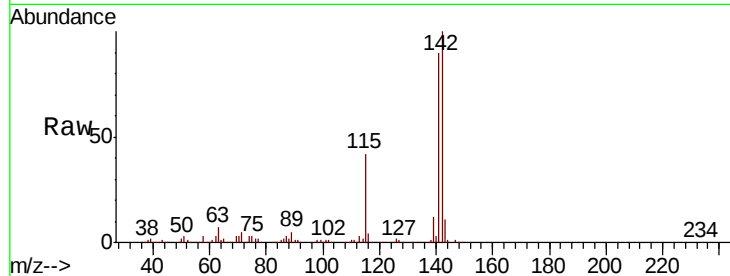
#37
2-Methylnaphthalene
Concen: 48.601 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.0	105.0
115	42.0	30.8	46.2

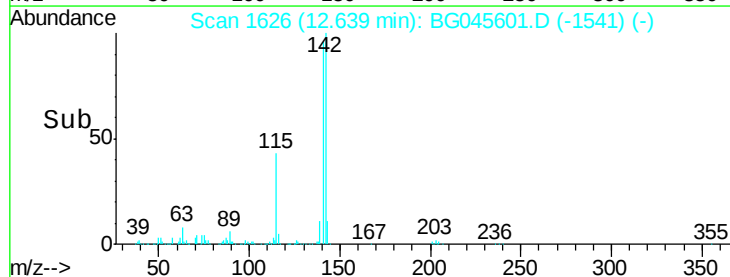
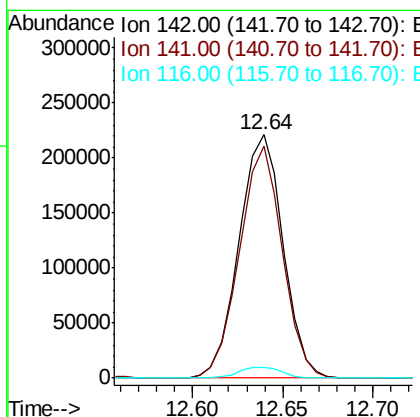
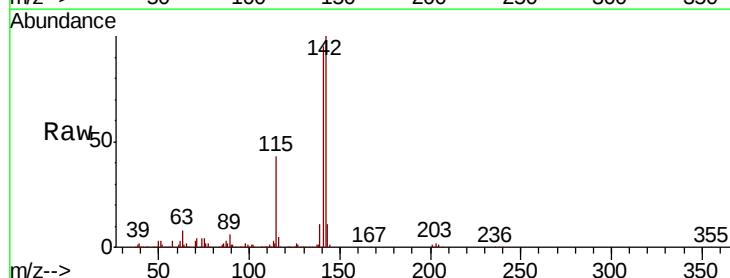
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#38
1-Methylnaphthalene
Concen: 49.182 ng m
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.8	106.2
116	4.6	3.0	4.6#





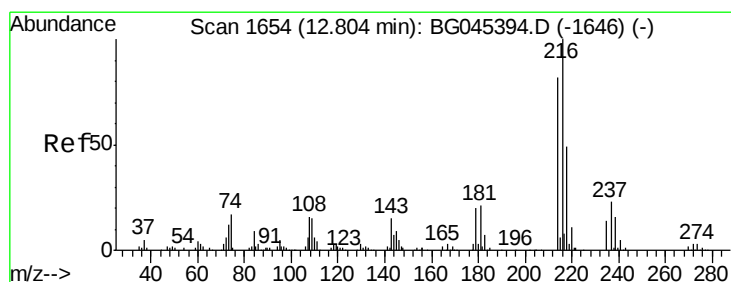
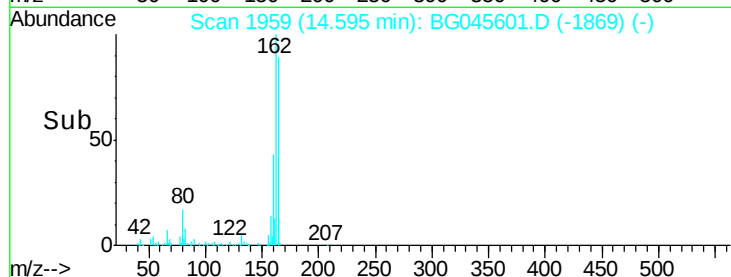
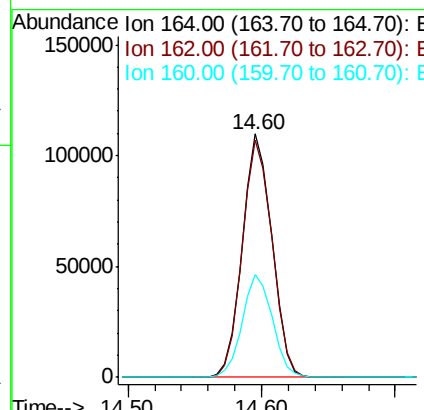
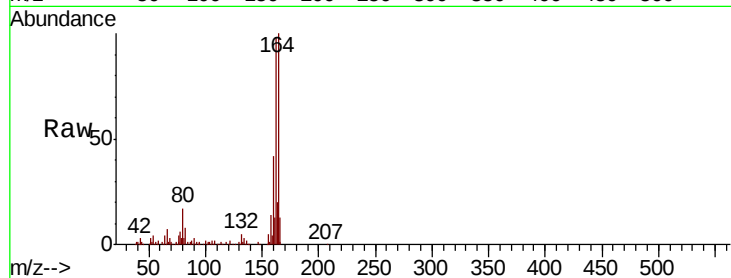
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	42.2	33.8	50.8

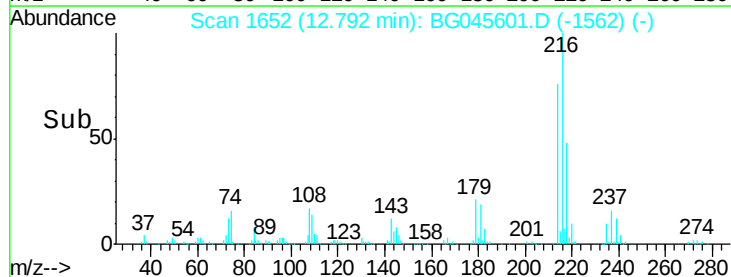
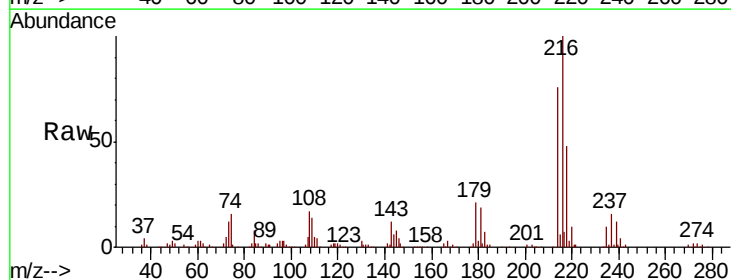
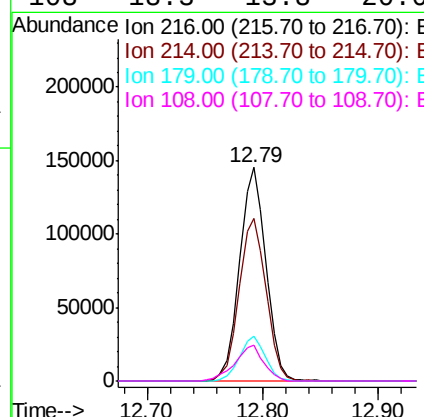
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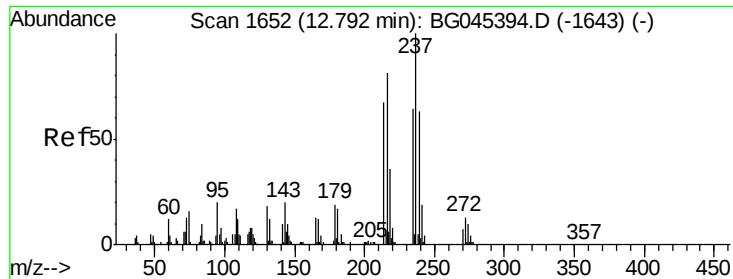
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.705 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.7	95.5
179	20.3	16.1	24.1
108	18.3	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 83.806 ng

RT: 12.77 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

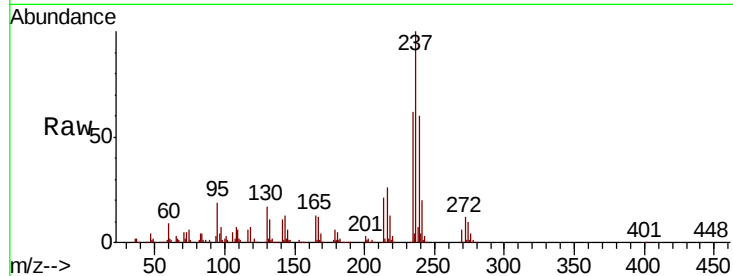
ClientSampleId :

SPMSD

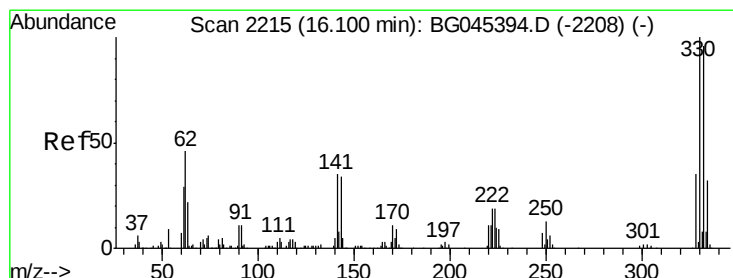
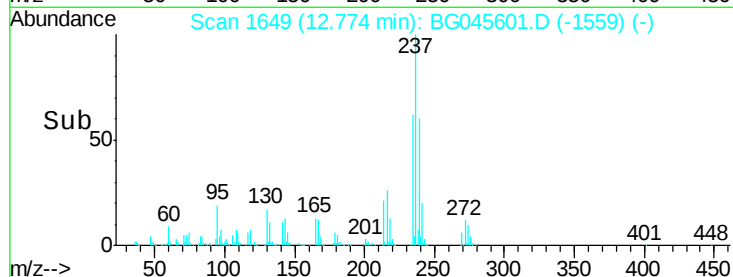
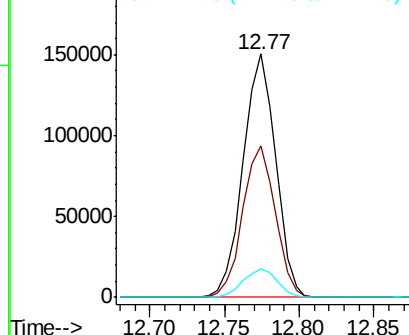
Tot Ion:	237	Resp:	227309
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.4	84.4
272	11.7	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 151.503 ng

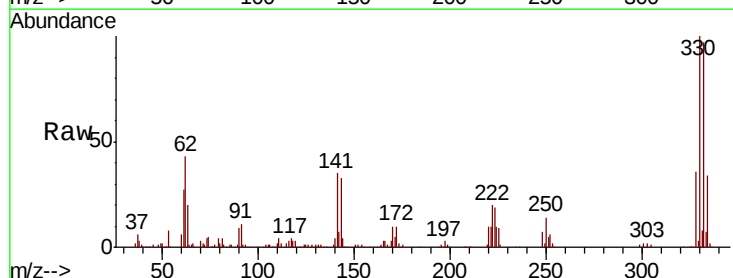
RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

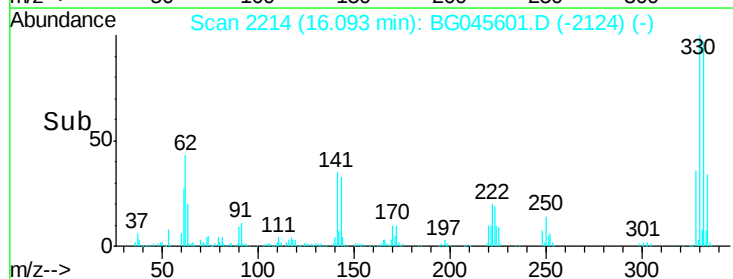
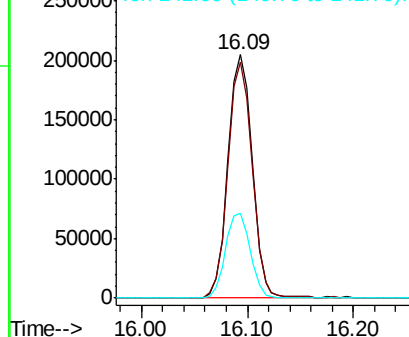
Lab File: BG045601.D

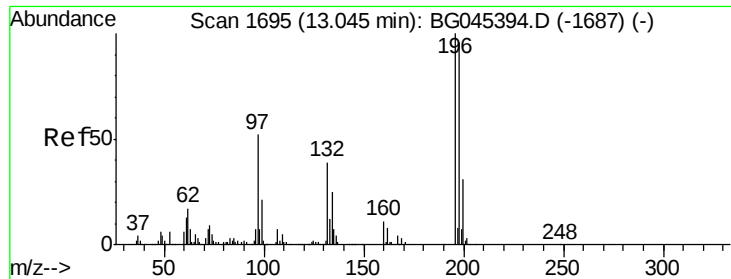
Acq: 4 Jun 2020 7:05

Tgt Ion:	330	Resp:	325977
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.2	117.4
141	35.6	28.2	42.4



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





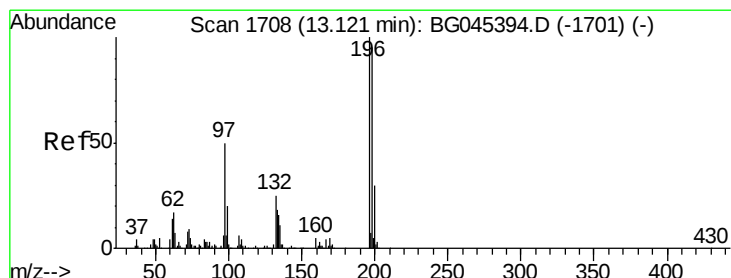
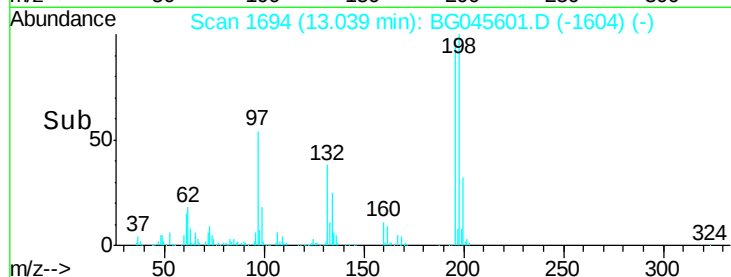
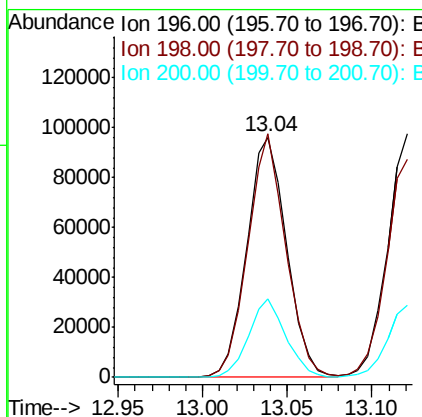
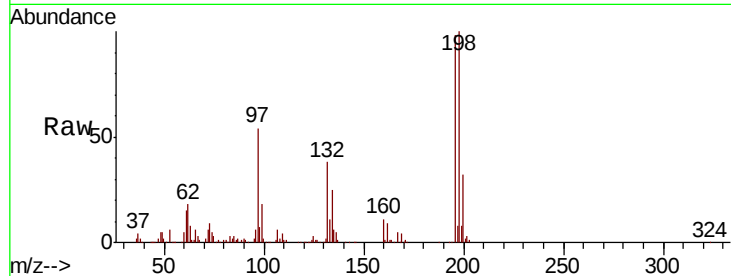
#43
 2,4,6-Trichlorophenol
 Concen: 48.061 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156890		
198	101.5	76.7	115.1	
200	32.6	24.9	37.3	

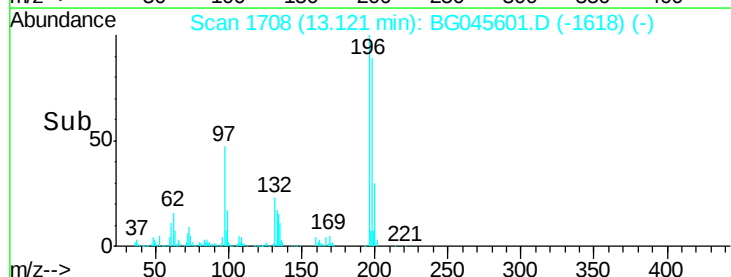
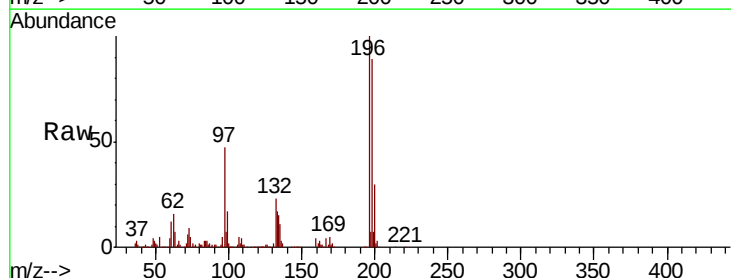
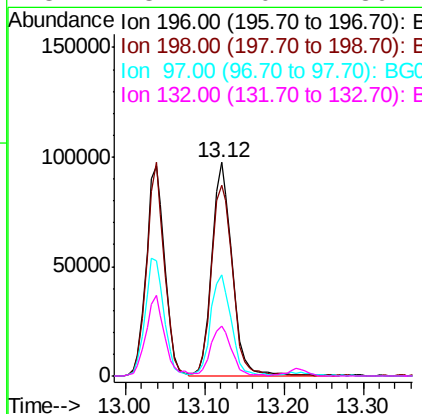
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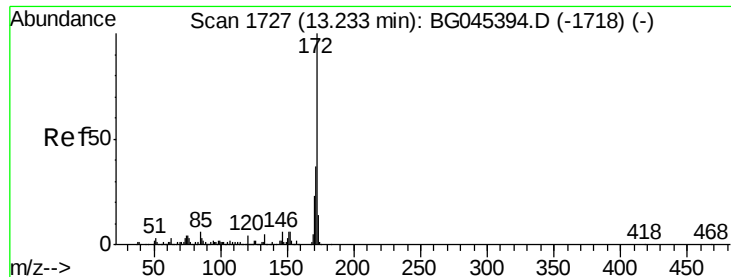
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#44
 2,4,5-Trichlorophenol
 Concen: 46.010 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171635		
198	89.5	76.1	114.1	
97	47.3	40.0	60.0	
132	23.2	20.2	30.2	





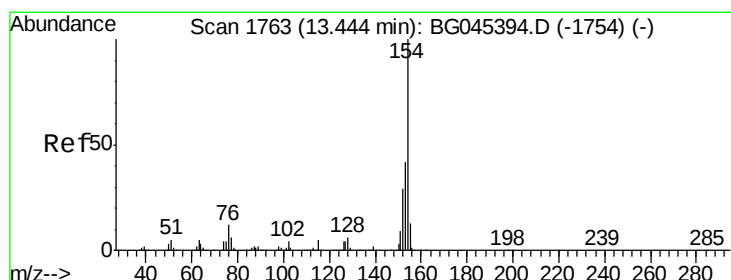
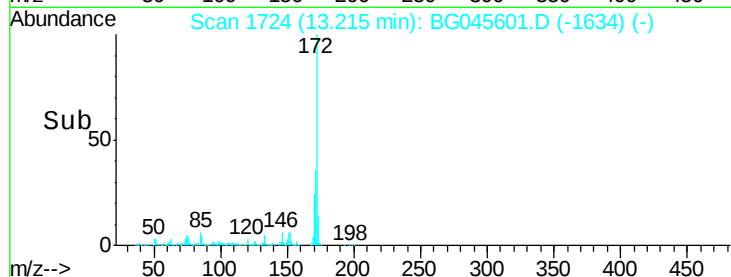
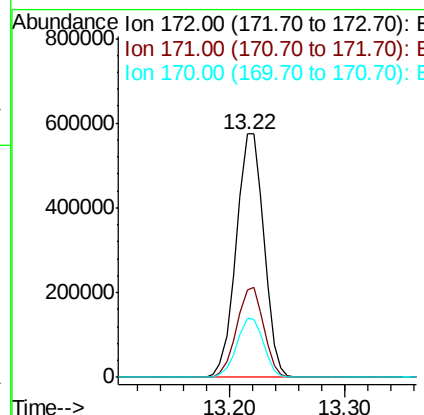
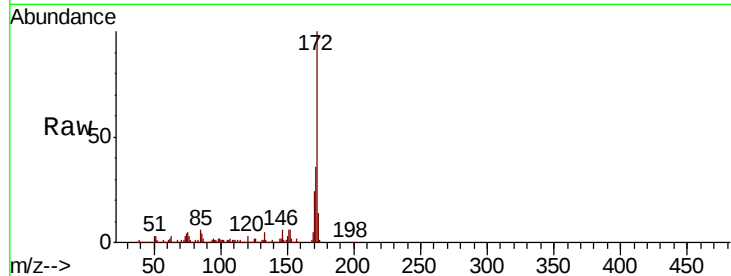
#45
2-Fluorobiphenyl
Concen: 96.340 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:	172	Resp:	955568
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.5	44.3
170	24.4	18.5	27.7

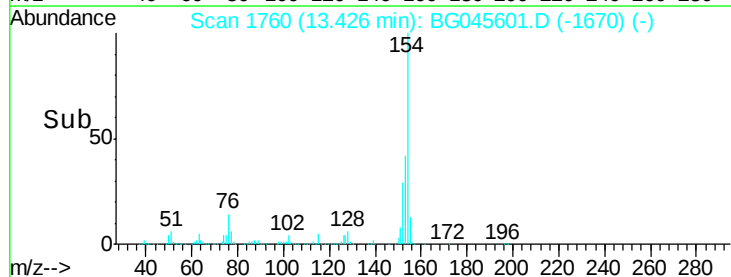
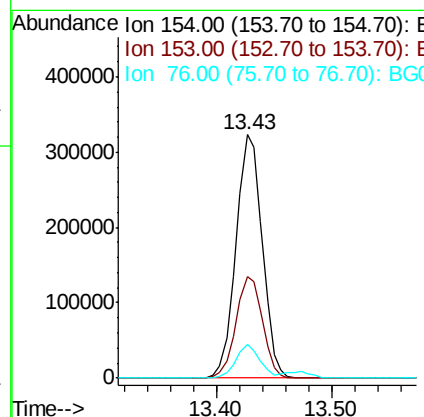
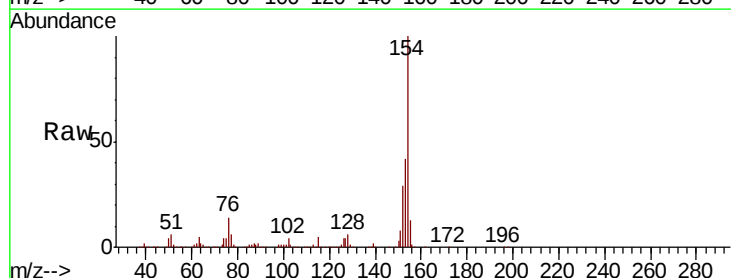
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#46
1,1'-Biphenyl
Concen: 49.125 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:	154	Resp:	507840
Ion Ratio	Lower	Upper	
154	100		
153	41.8	22.2	62.2
76	13.6	0.0	32.4





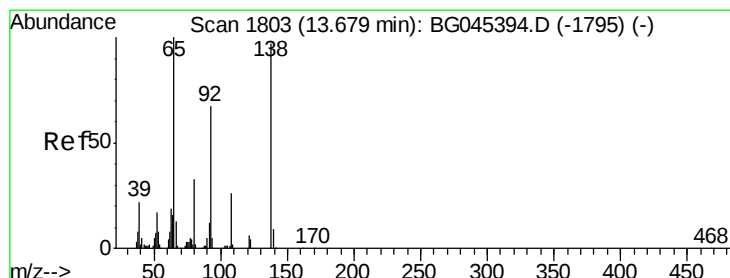
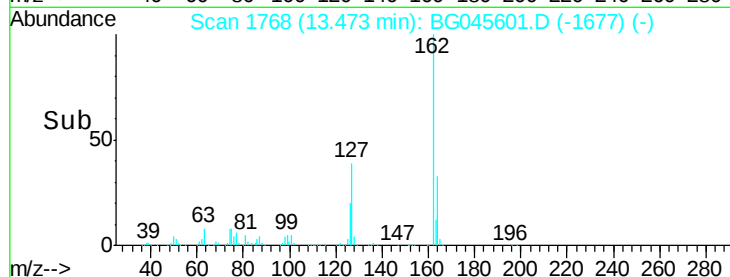
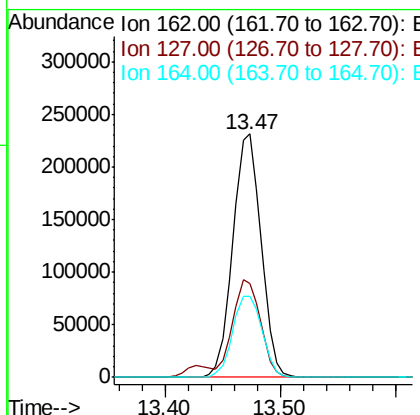
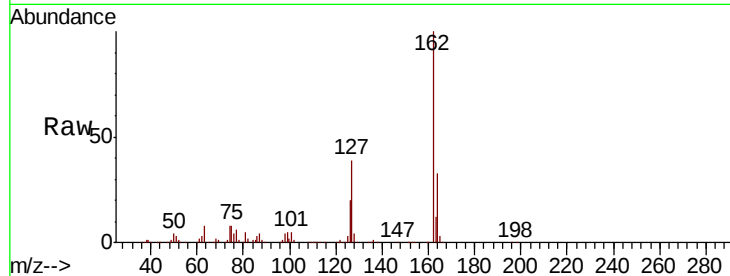
#47
2-Chloronaphthalene
Concen: 46.622 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:	162	Resp:	391370
Ion Ratio	Lower	Upper	
162	100		
127	38.8	31.6	47.4
164	33.0	28.1	42.1

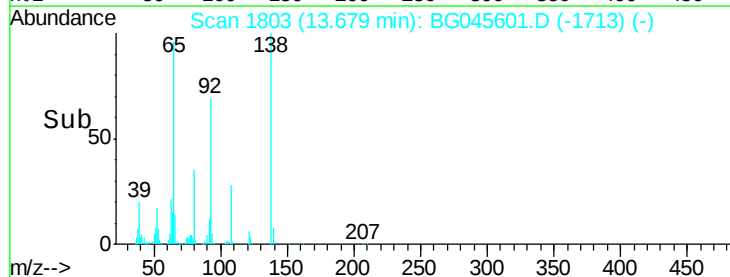
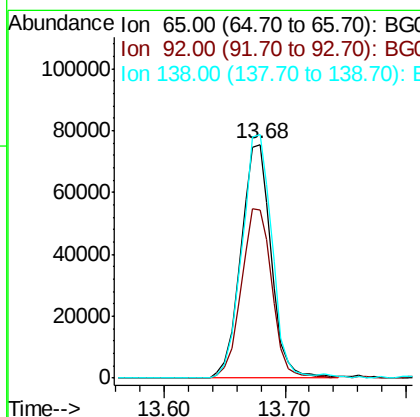
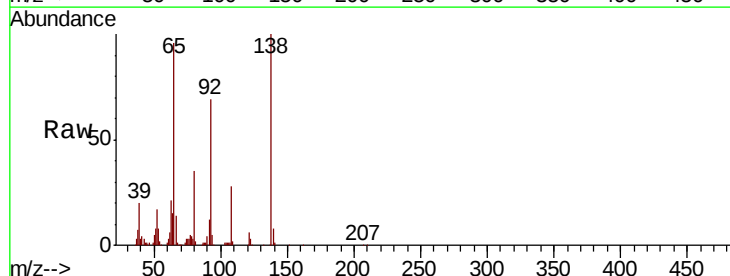
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#48
2-Nitroaniline
Concen: 47.736 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion:	65	Resp:	131815
Ion Ratio	Lower	Upper	
65	100		
92	72.2	53.8	80.8
138	104.2	77.9	116.9





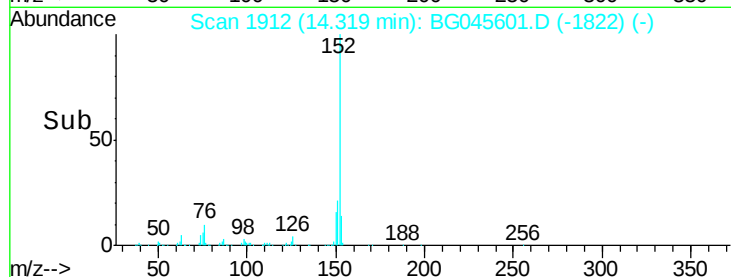
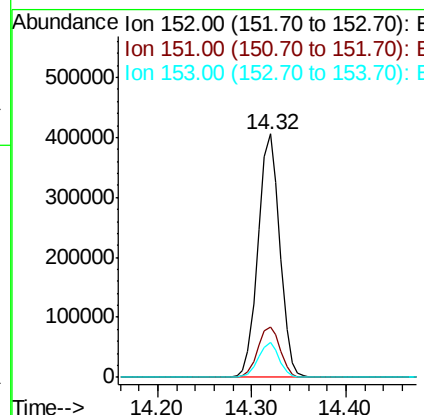
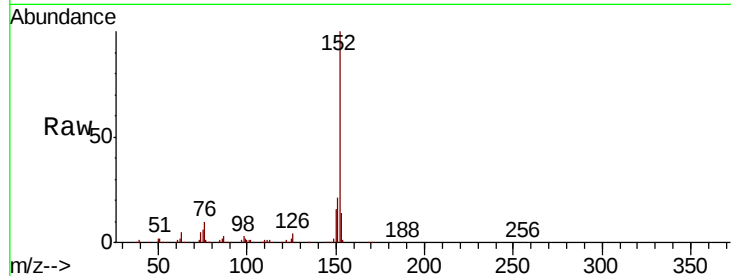
#49
Acenaphthylene
Concen: 48.229 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.2
153	14.4	10.7	16.1

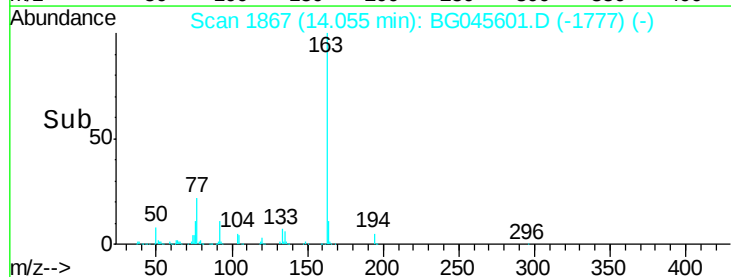
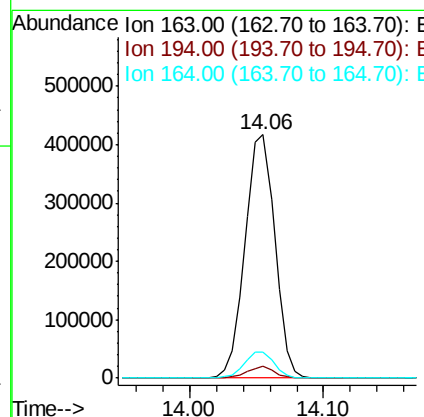
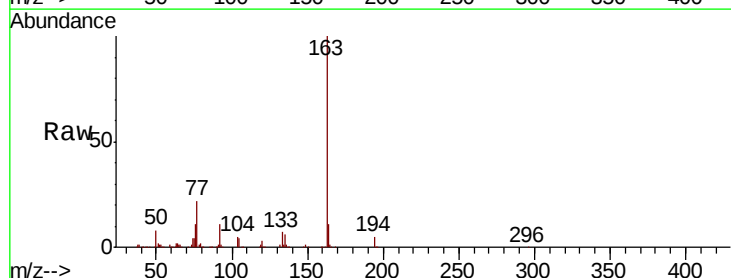
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#50
Dimethylphthalate
Concen: 55.762 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.9	8.3	12.5





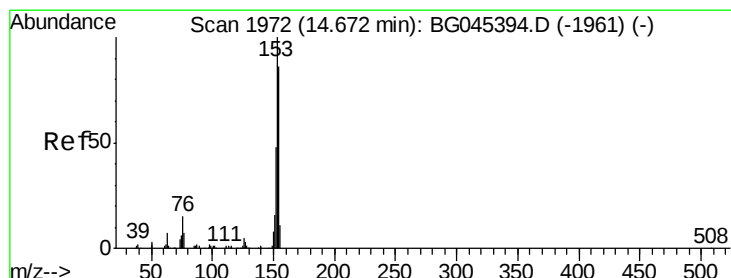
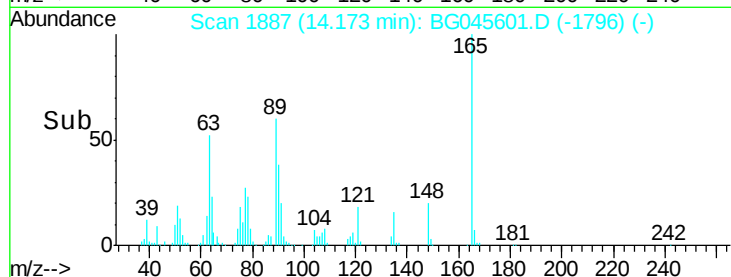
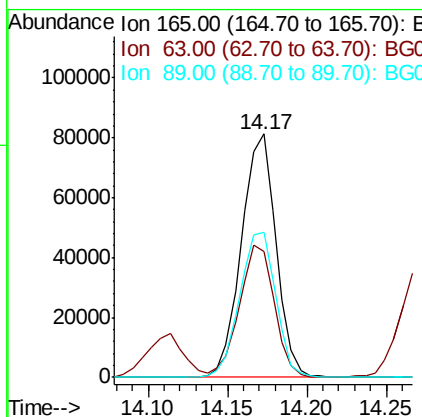
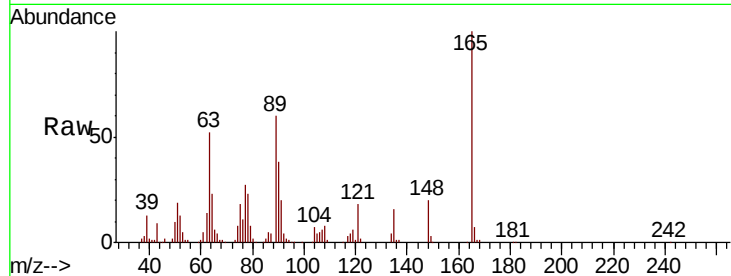
#51
 2,6-Dinitrotoluene
 Concen: 47.357 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleID :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123332		
63	51.9	45.0	67.4	
89	59.7	50.2	75.4	

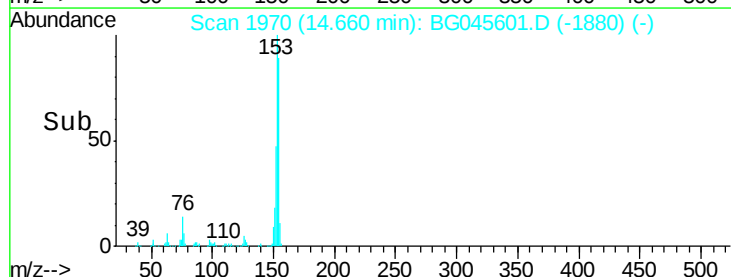
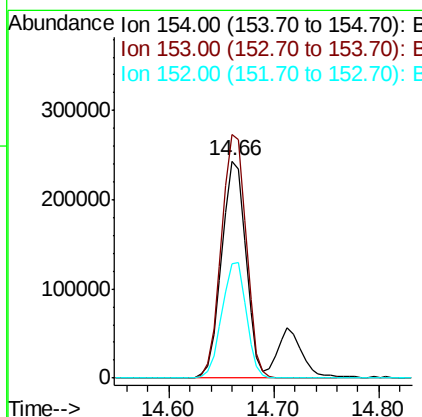
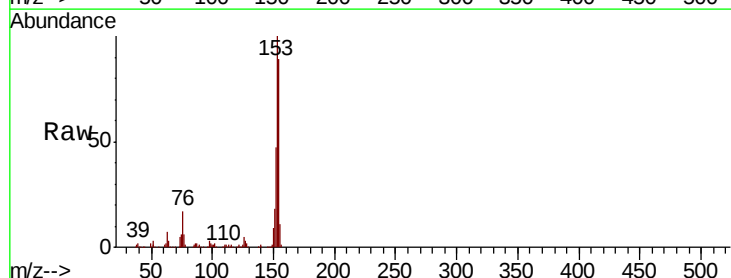
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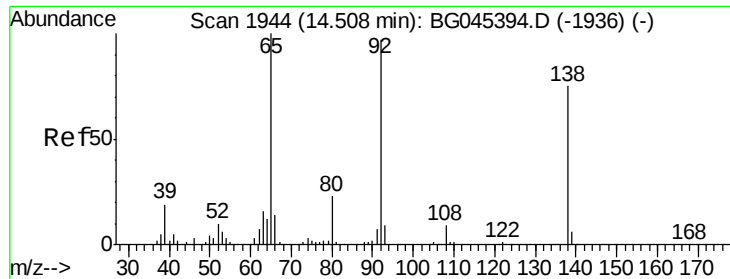
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#52
 Acenaphthene
 Concen: 53.210 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	480264		
153	112.0	92.8	139.2	
152	52.4	44.6	66.8	





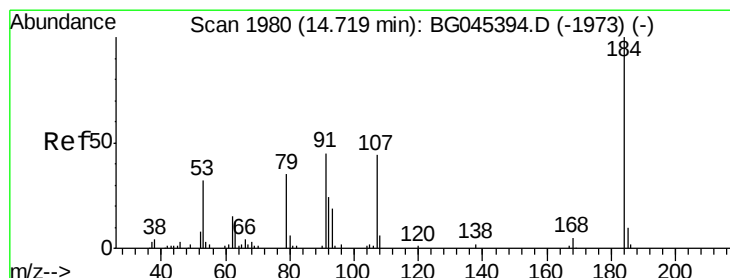
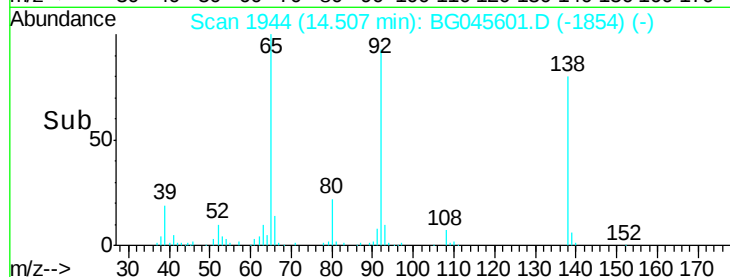
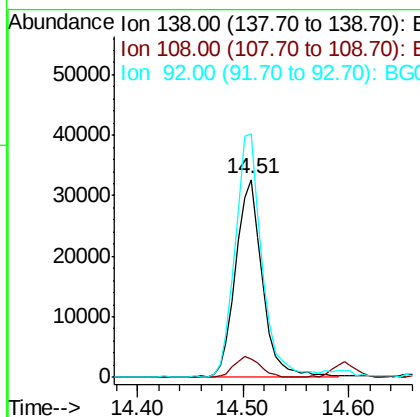
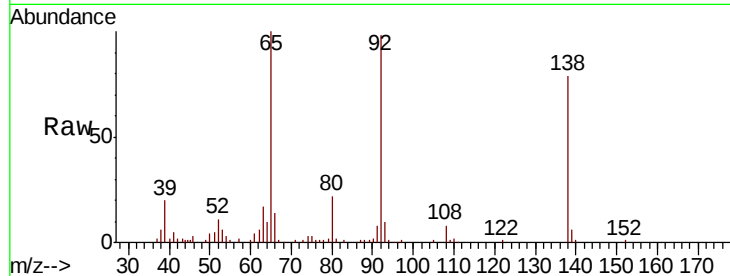
#53
3-Nitroaniline
Concen: 21.575 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.8	14.6#
92	123.2	103.0	154.4

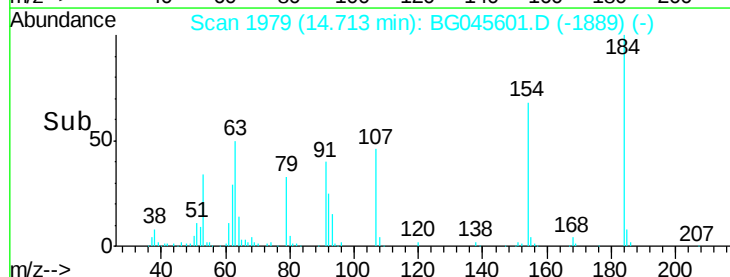
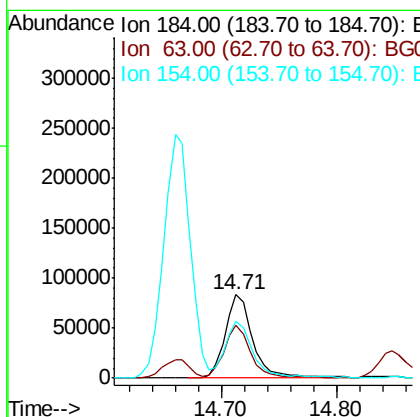
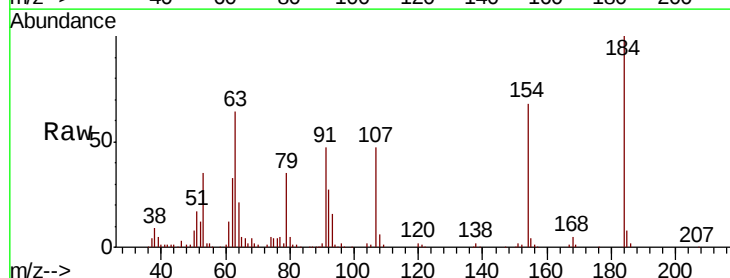
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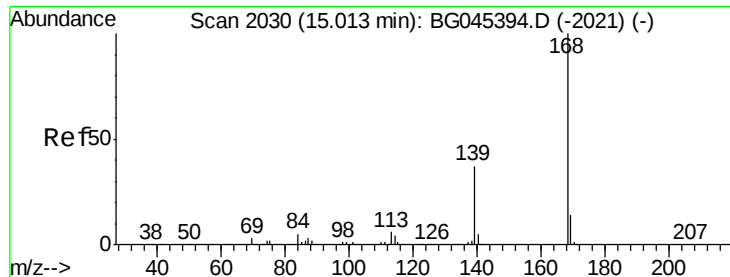
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#54
2,4-Dinitrophenol
Concen: 80.676 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	47.8	71.6
154	68.2	58.3	87.5





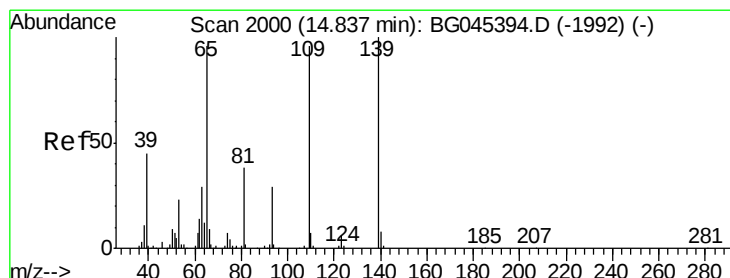
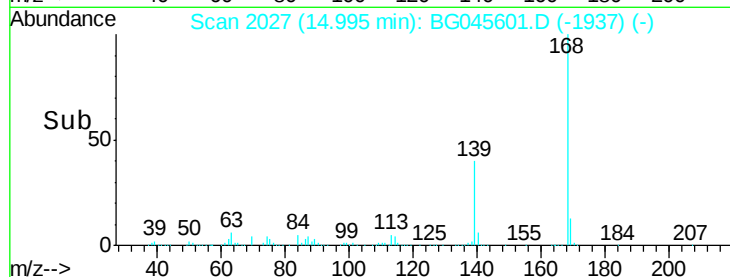
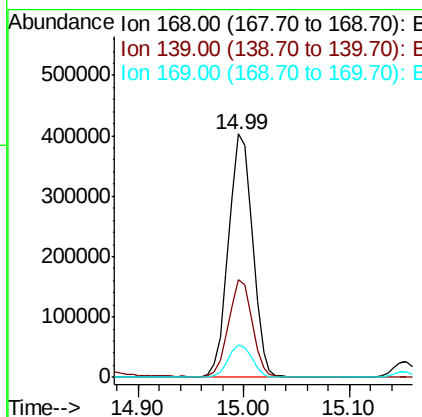
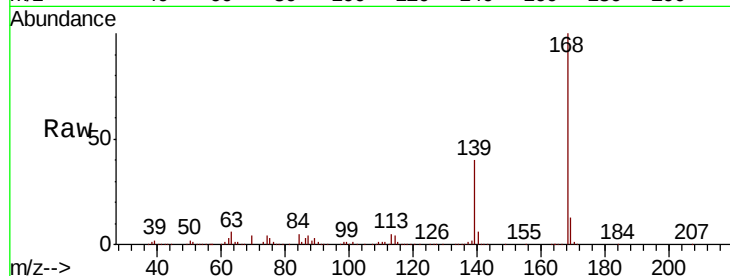
#55
Dibenzofuran
Concen: 47.292 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	29.9	44.9
169	13.4	10.9	16.3

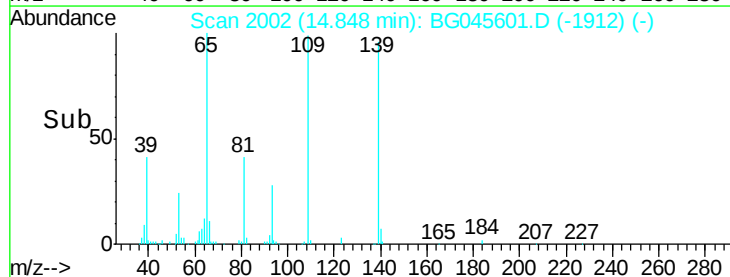
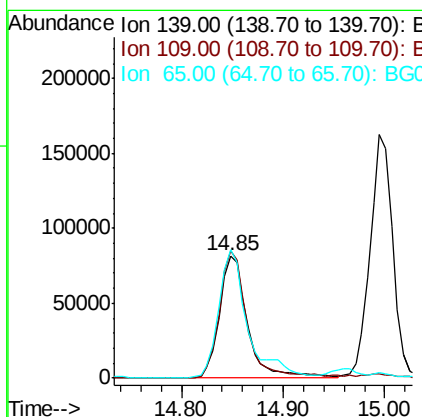
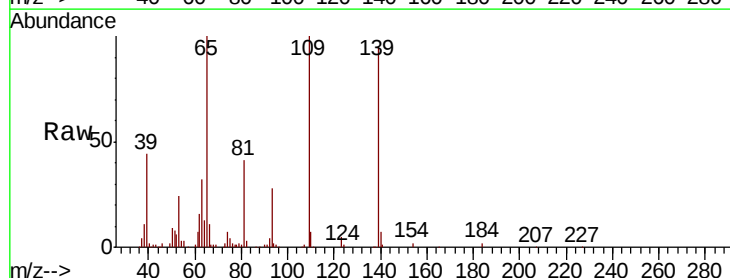
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#56
4-Nitrophenol
Concen: 78.281 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.4	75.6	115.6
65	104.8	76.8	116.8





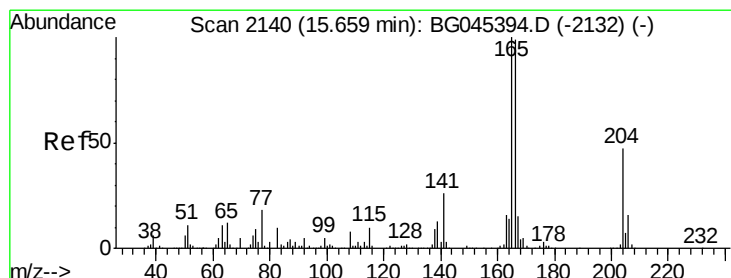
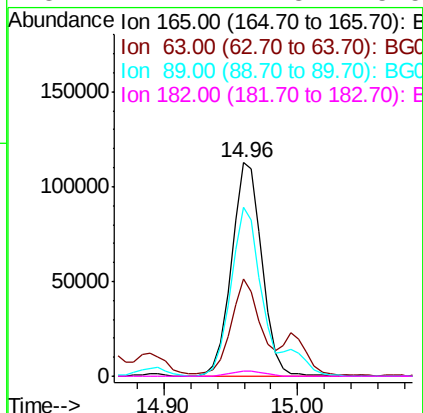
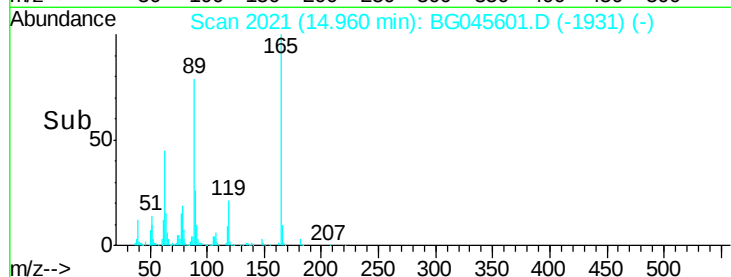
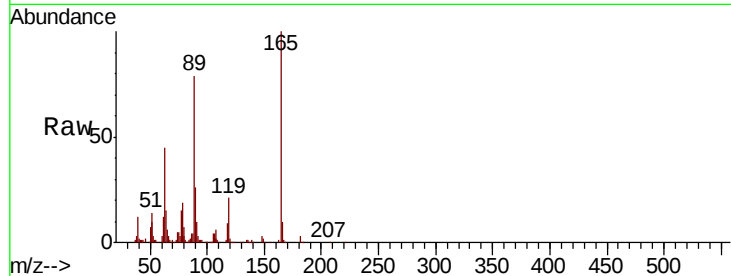
#57
2,4-Dinitrotoluene
Concen: 47.062 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177505		
63	45.5		32.5	48.7
89	79.2		61.8	92.6
182	2.7		2.3	3.5

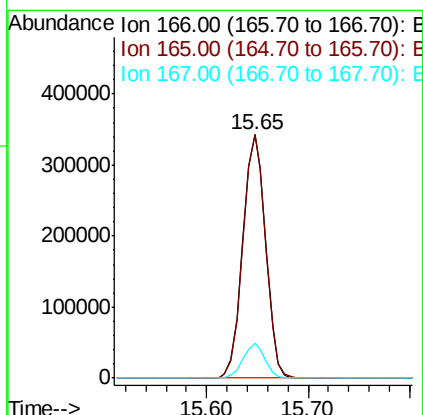
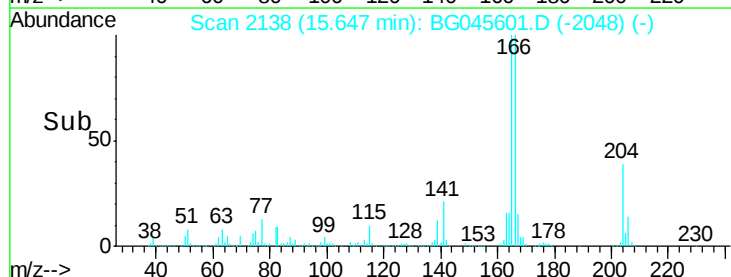
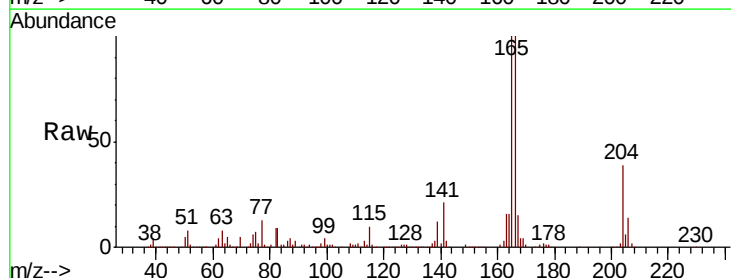
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#58
Fluorene
Concen: 48.553 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	534651		
165	99.9		80.8	121.2
167	14.6		12.0	18.0





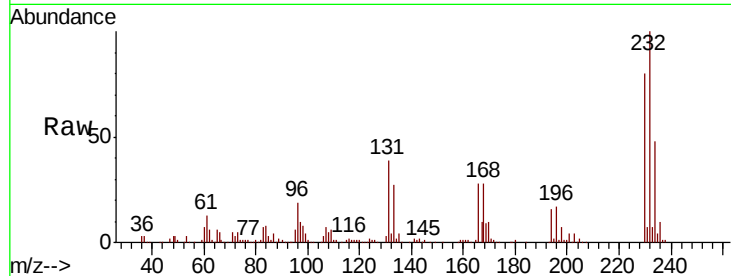
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.656 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

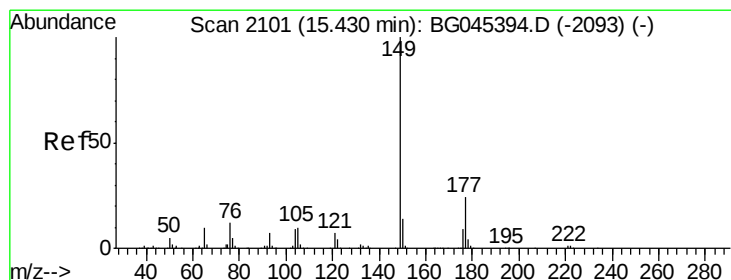
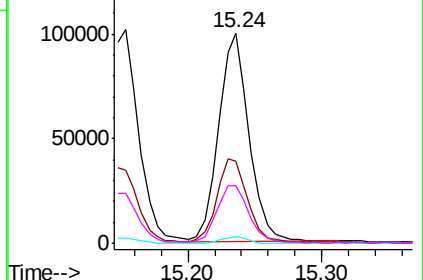
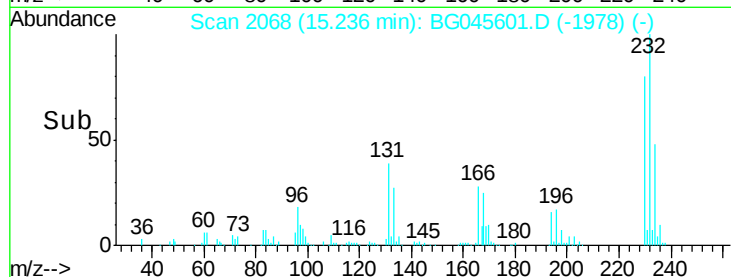
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		159684		
131	42.3	33.7	50.5		
130	2.6	2.1	3.1		
166	29.8	23.2	34.8		

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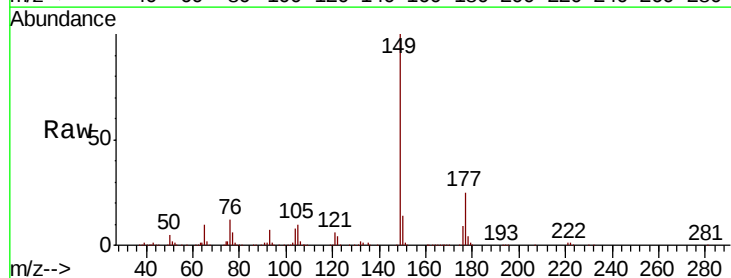


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

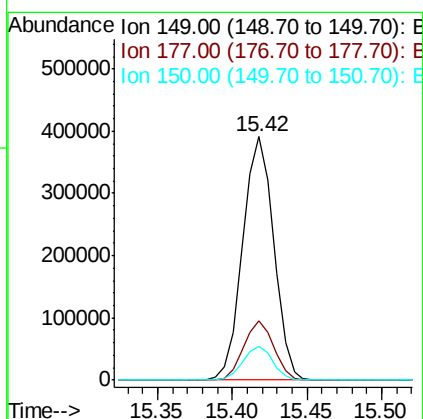
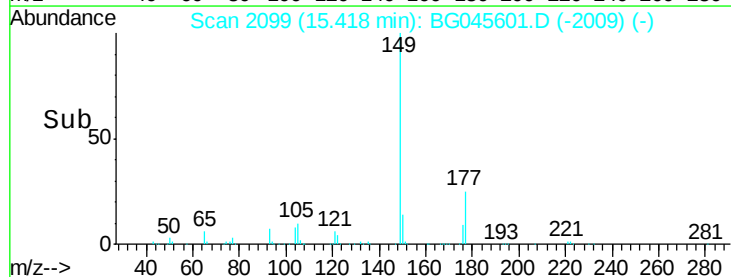


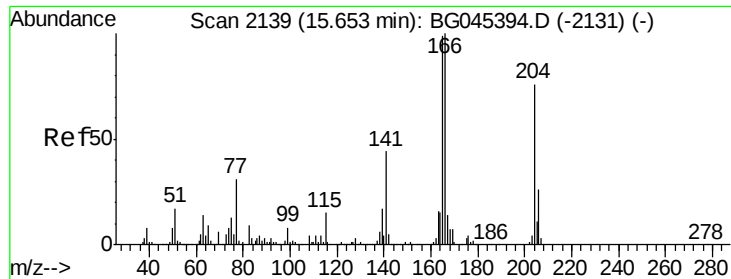
#60
Diethylphthalate
Concen: 46.741 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		561481		
177	24.6	19.0	28.4		
150	13.7	11.4	17.0		



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





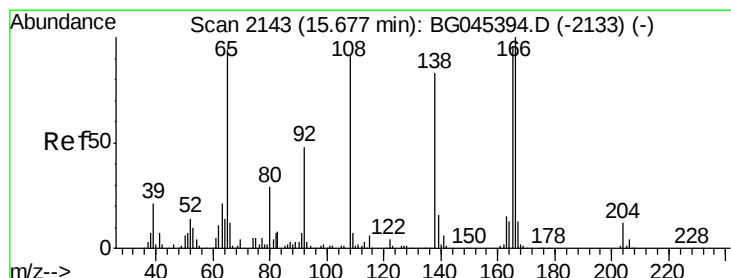
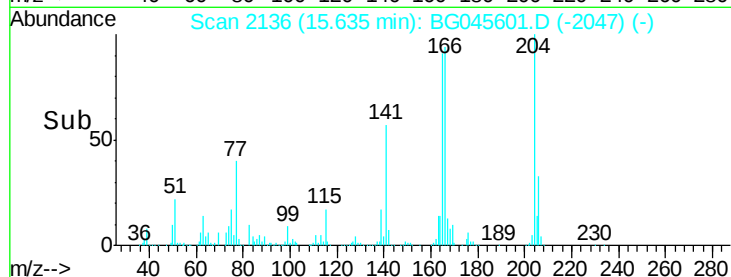
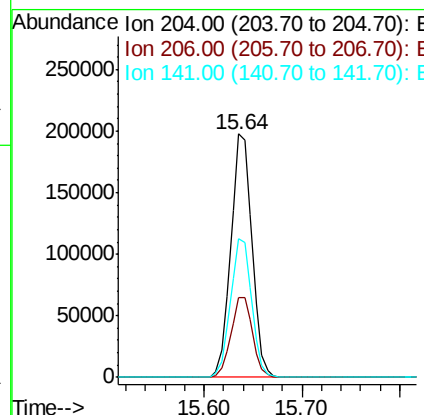
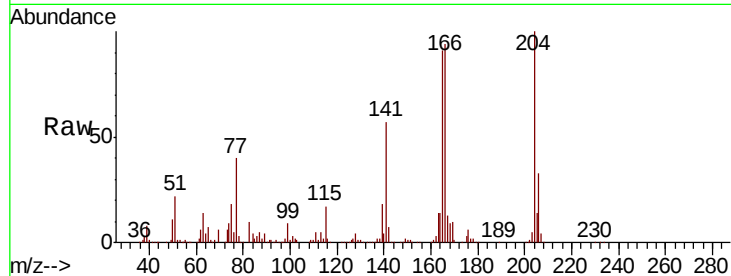
#61
4-Chlorophenyl-phenylether
Concen: 47.087 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	296706		
206	32.7	27.3	40.9	
141	57.0	45.9	68.9	

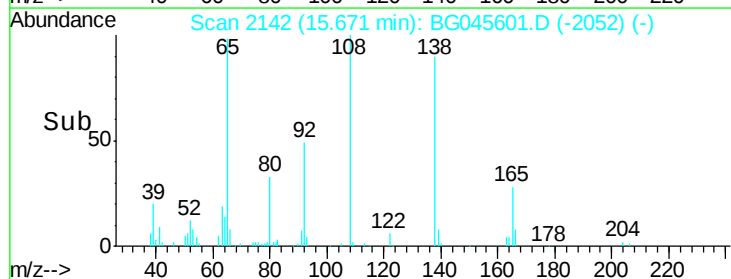
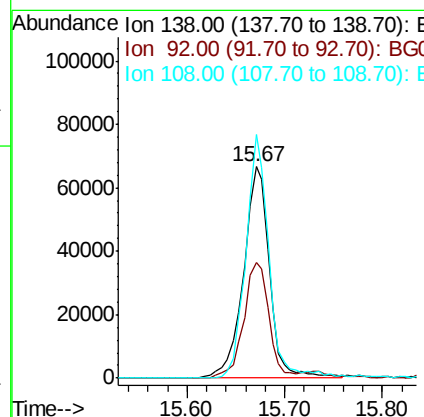
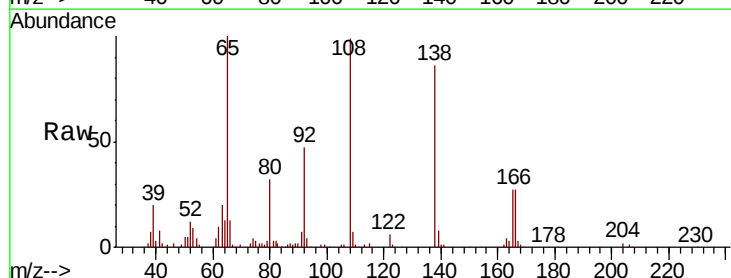
Manual Integrations
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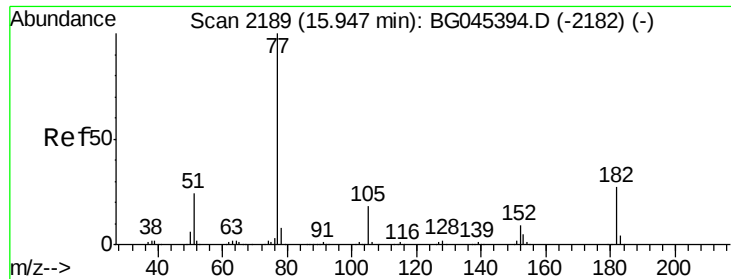
mohammad
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#62
4-Nitroaniline
Concen: 44.775 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	123747		
92	54.6	38.0	78.0	
108	115.1	89.3	129.3	





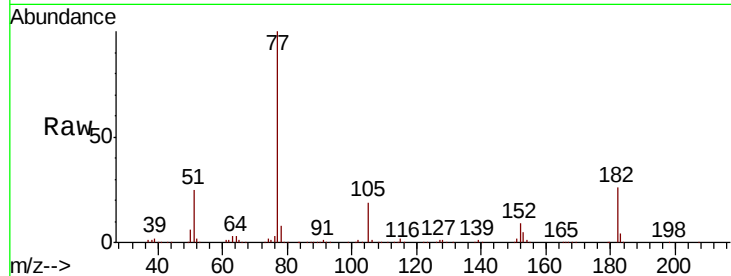
#63
Azobenzene
Concen: 48.338 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

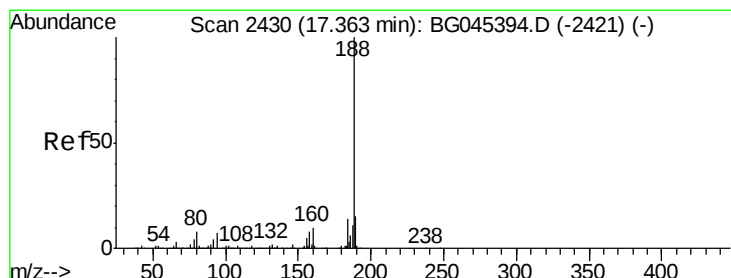
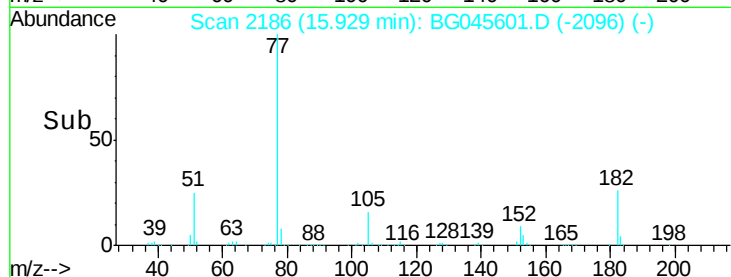
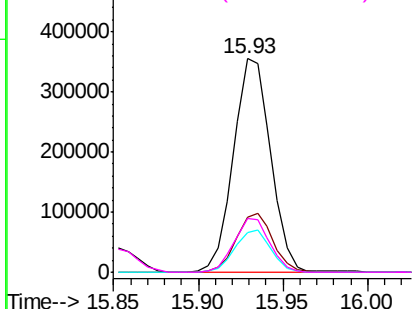
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.6	6.5	46.5		
105	18.5	0.0	37.9		
51	24.9	4.1	44.1		

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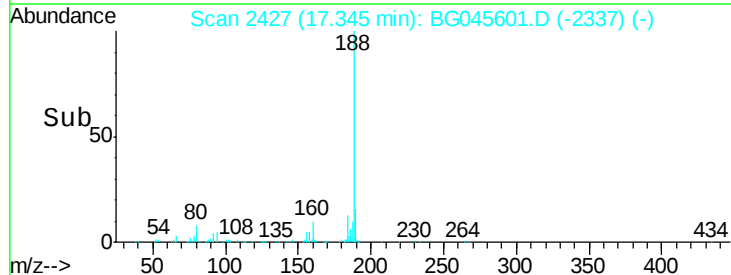
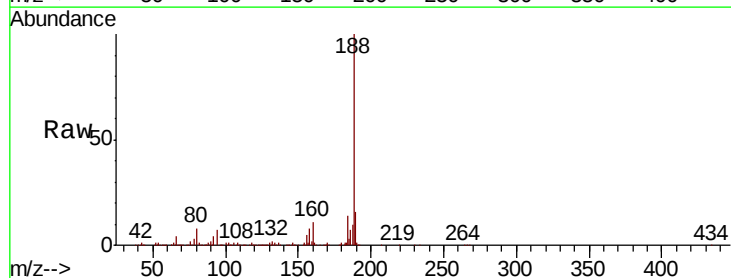
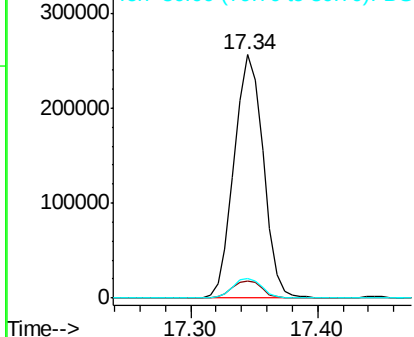
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

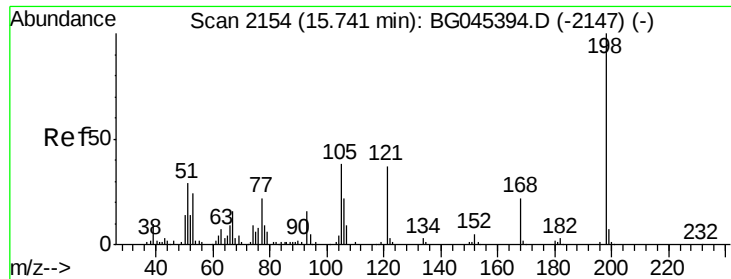


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.1	5.5	8.3		
80	7.8	6.6	10.0		

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





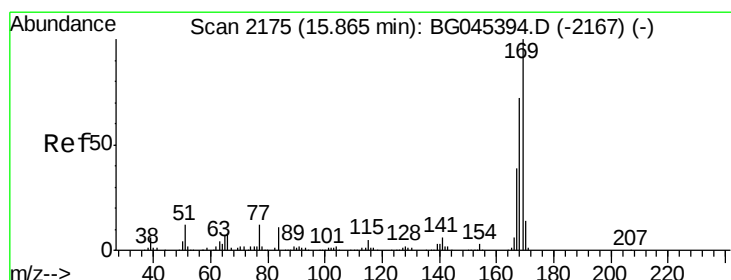
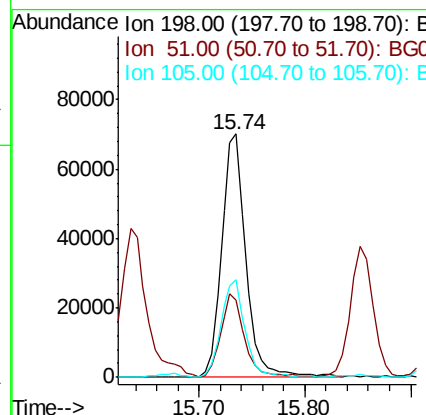
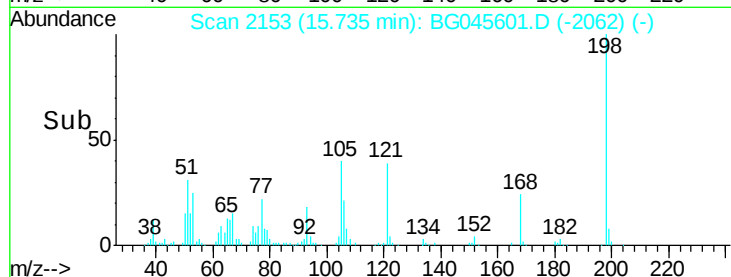
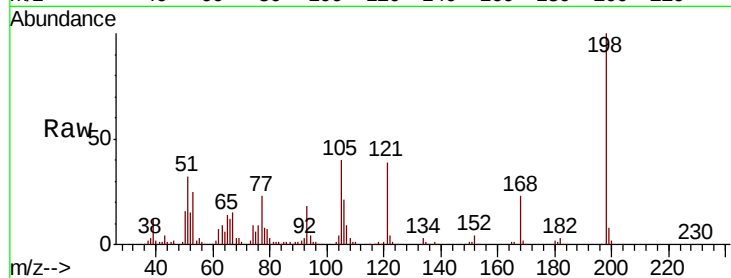
#65
4,6-Dinitro-2-methylphenol
Concen: 47.094 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	112058		
51	31.6	10.0	50.0	
105	40.2	18.9	58.9	

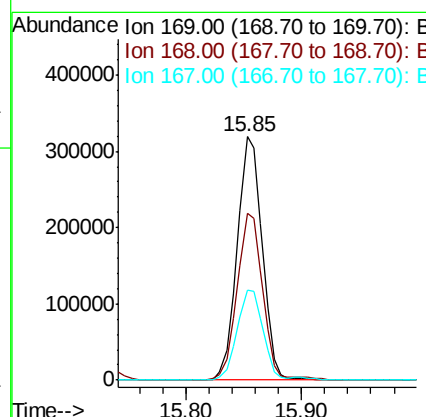
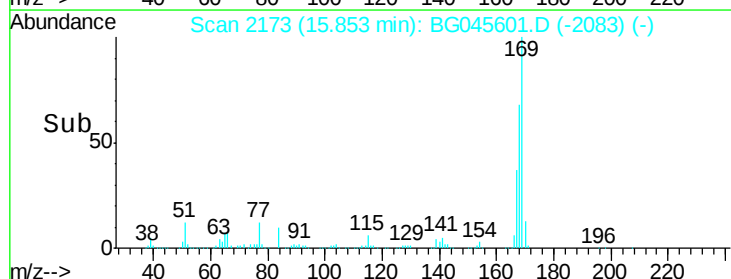
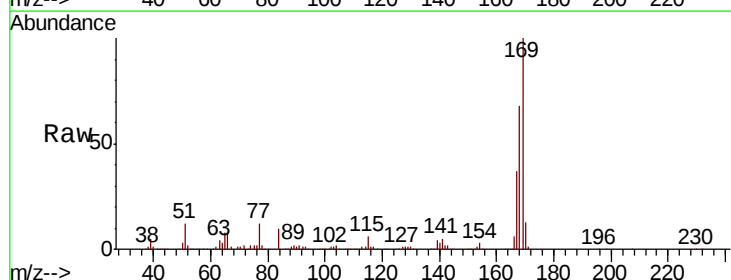
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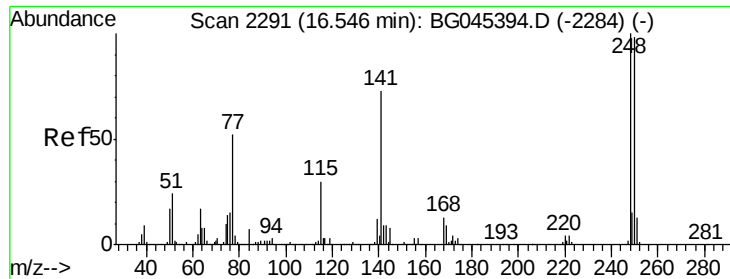
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.742 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	478138		
168	68.4	57.8	86.6	
167	37.2	31.5	47.3	





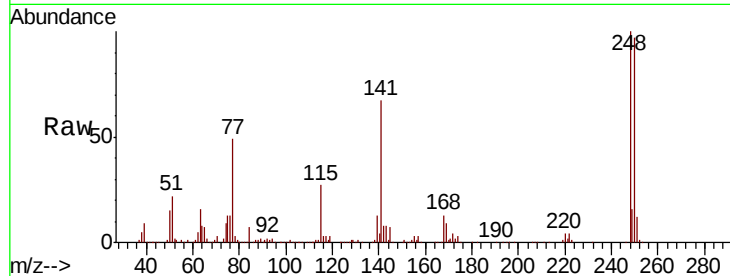
#67
4-Bromophenyl-phenylether
Concen: 47.151 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	67.4	58.2	87.2

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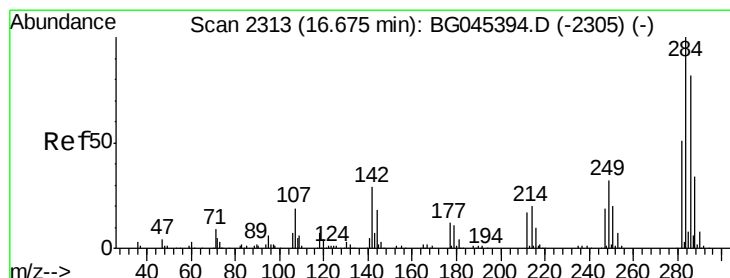
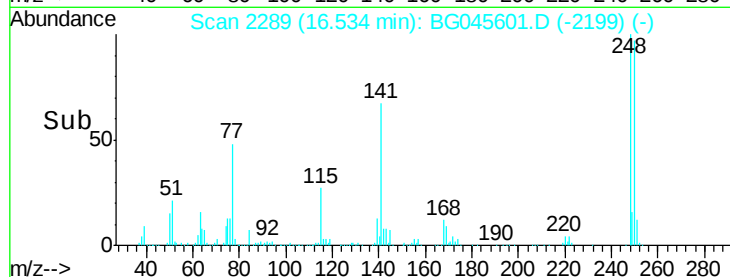
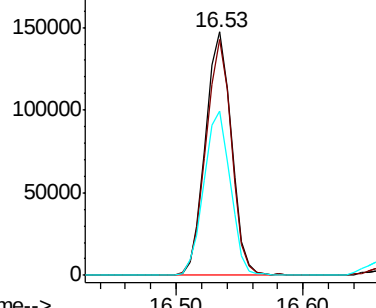


Abundance

Ion 248.00 (247.70 to 248.70): E

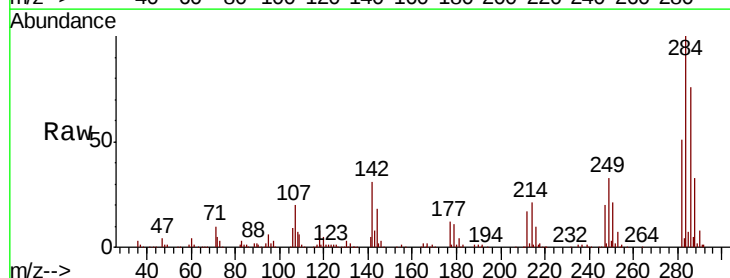
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.937 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	23.0	34.6
249	33.4	25.8	38.6

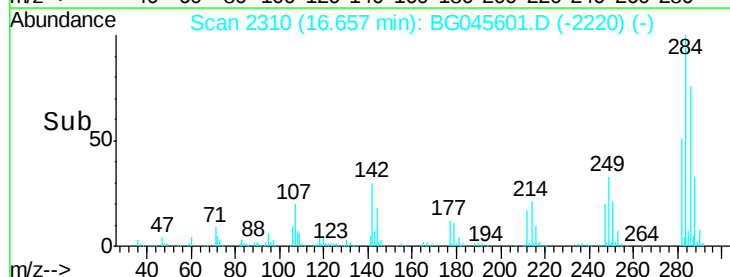
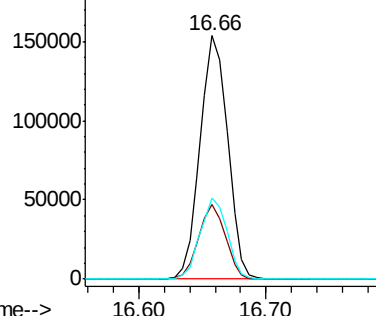


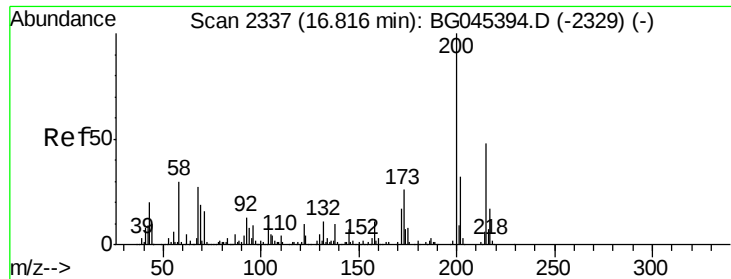
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





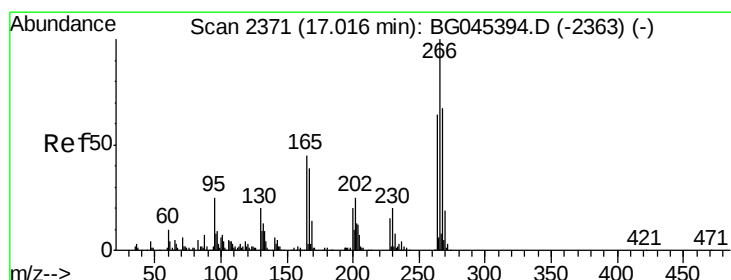
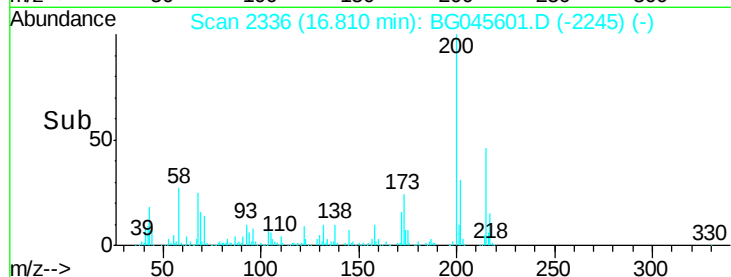
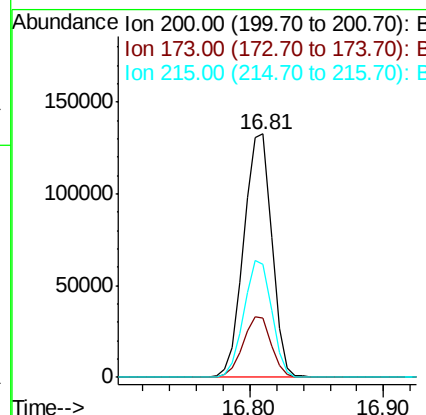
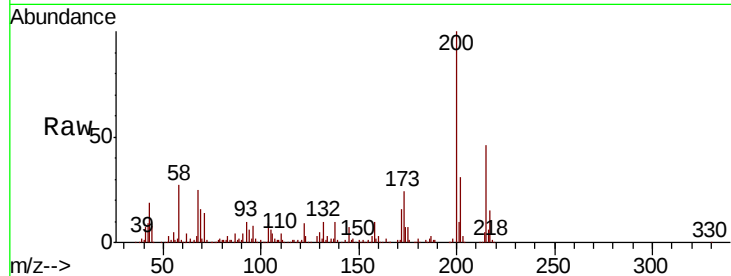
#69
Atrazine
Concen: 47.712 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	46.4	28.2	68.2

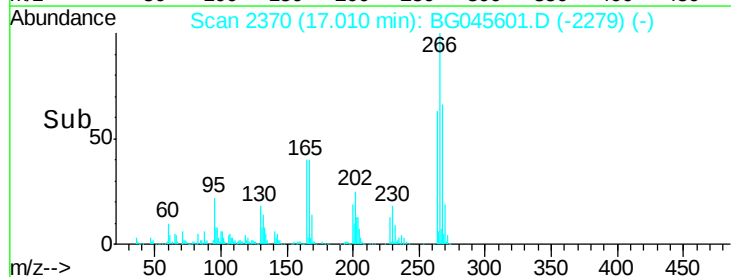
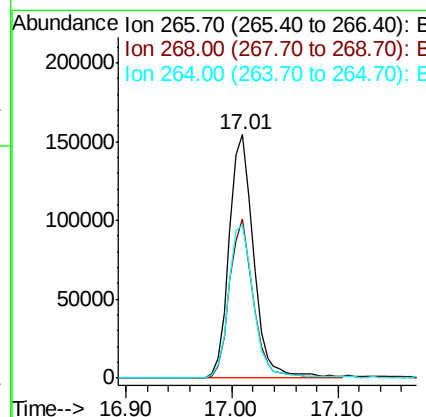
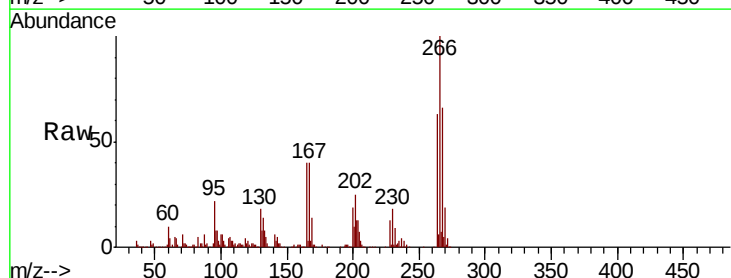
Manual Integrations
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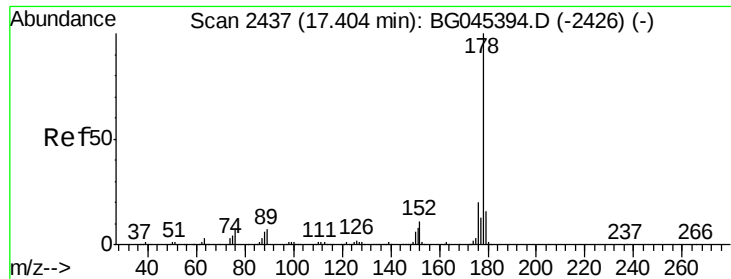
mohammad
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#70
Pentachlorophenol
Concen: 103.809 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.2	79.8
264	62.7	51.0	76.4





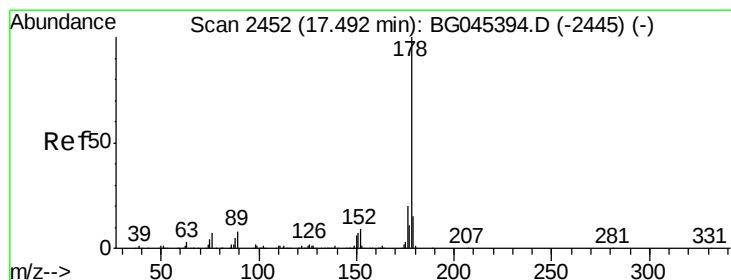
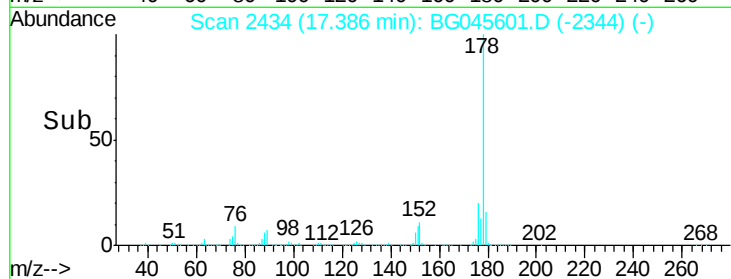
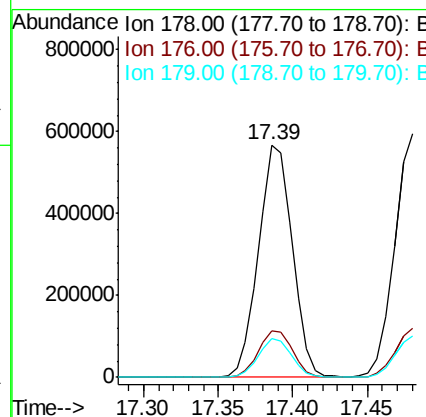
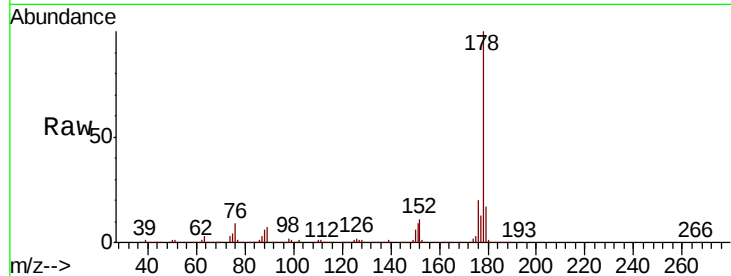
#71
Phenanthrene
Concen: 49.857 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.8	13.1	19.7

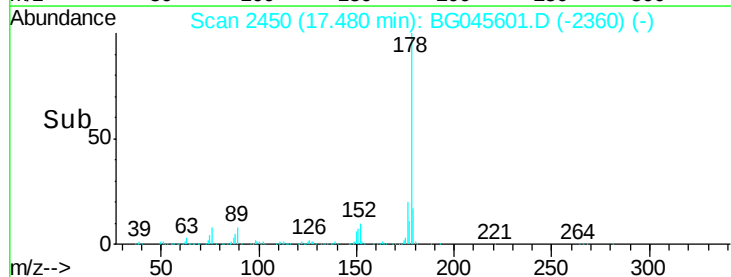
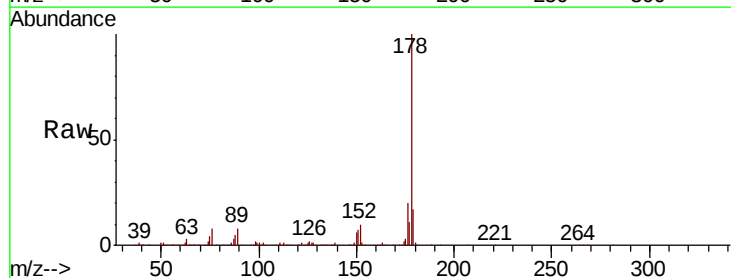
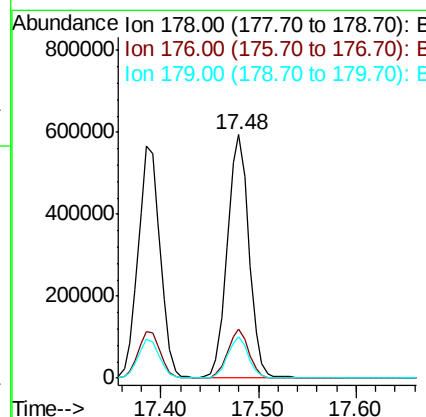
Manual Integrations
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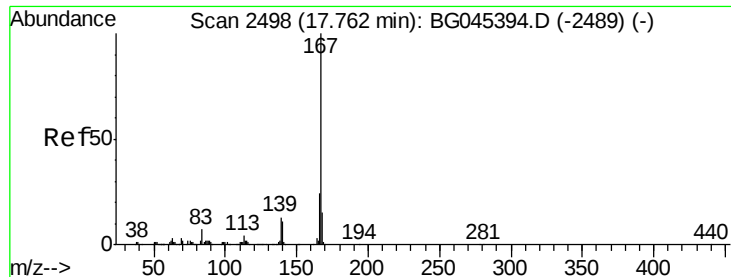
mohammad
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#72
Anthracene
Concen: 50.779 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.9	12.2	18.4





#73

Carbazole

Concen: 48.050 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

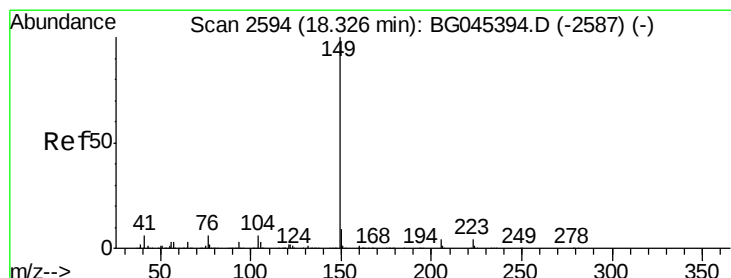
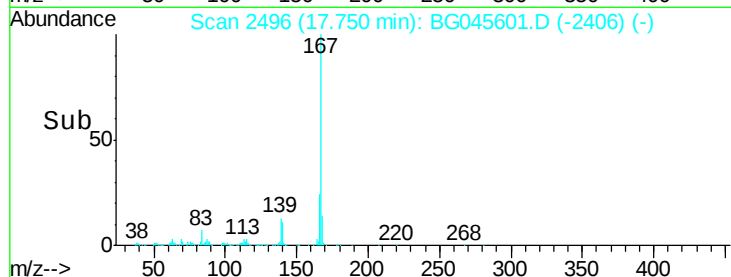
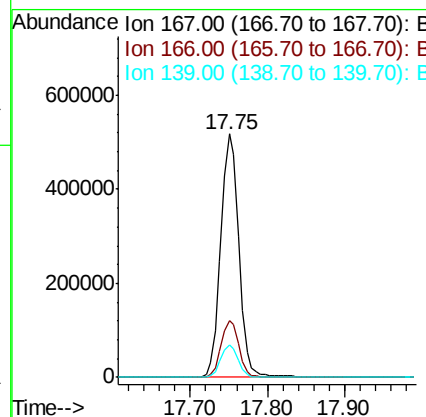
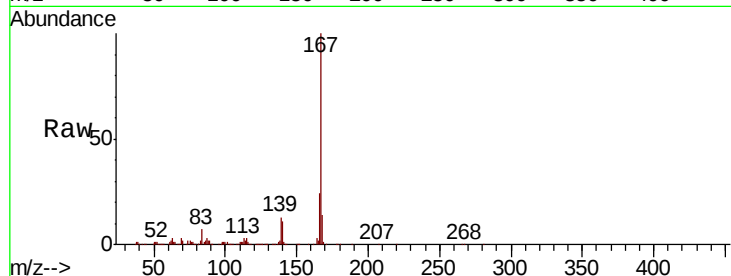
ClientSampleId :

SPMSD

Tot Ion:	167	Resp:	838921
Ion Ratio	Lower	Upper	
167	100		
166	23.6	19.2	28.8
139	13.3	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 47.910 ng

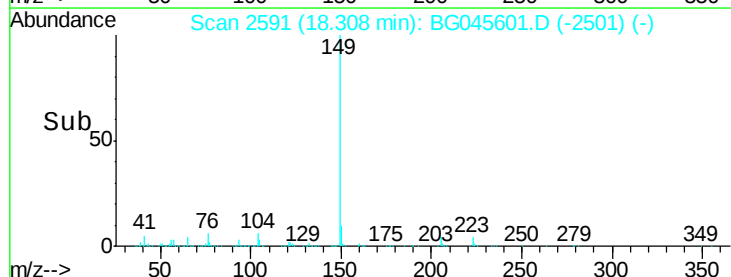
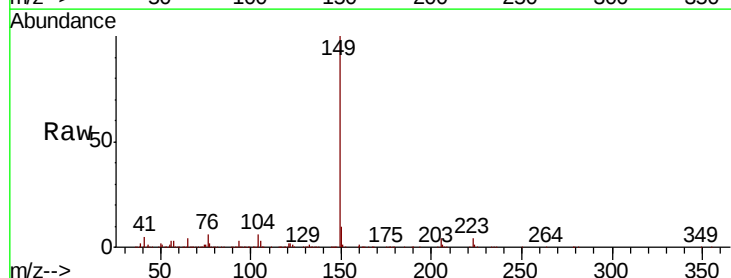
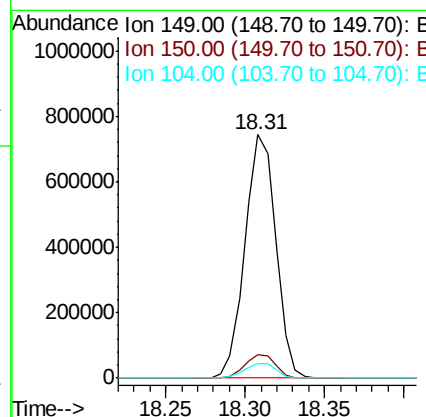
RT: 18.31 min Scan# 2591

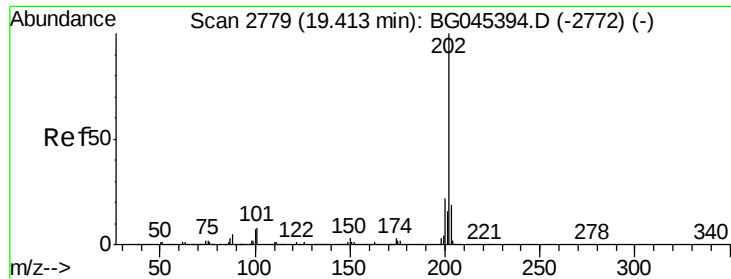
Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	149	Resp:	1003989
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 49.222 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

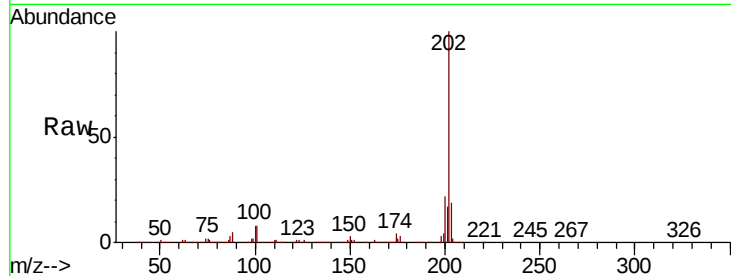
ClientSampled :

SPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	19.4	0.0	39.0

Manual Integrations
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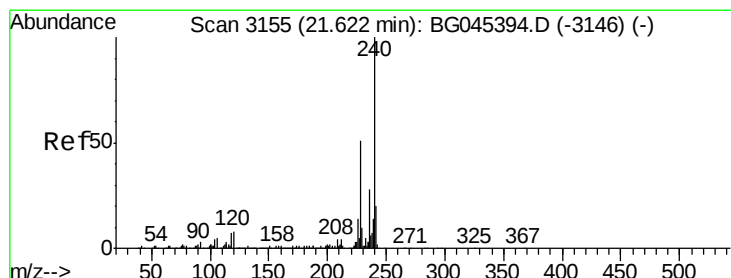
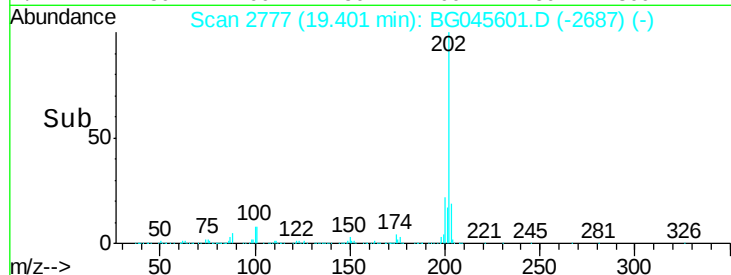
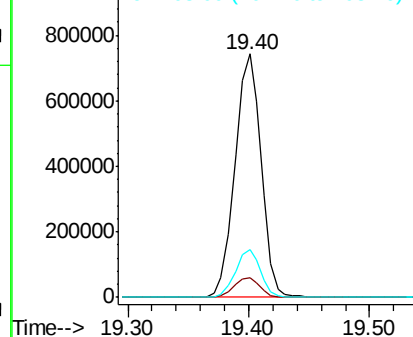


Abundance

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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

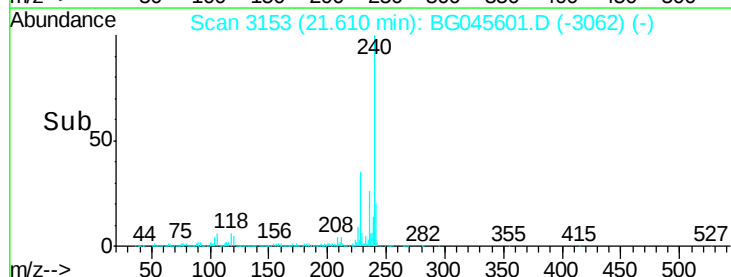
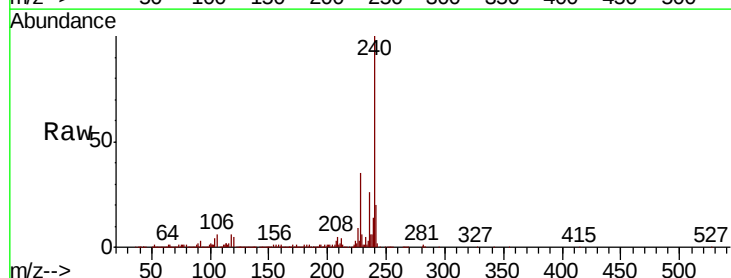
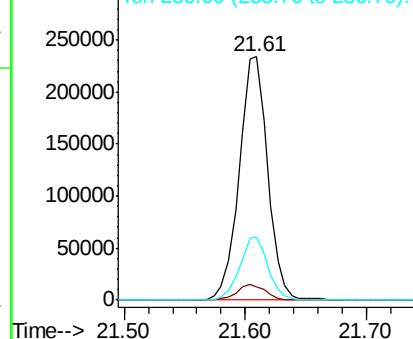
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.1	9.1#
236	25.8	22.3	33.5

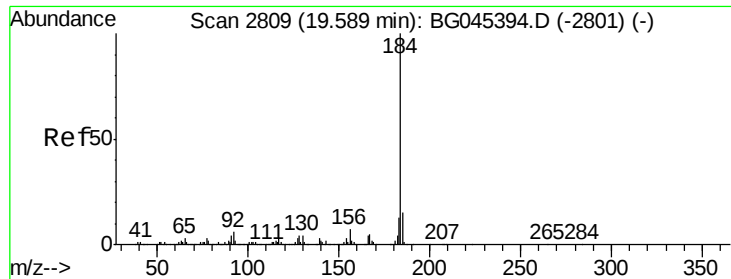
Abundance

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: 22.717 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

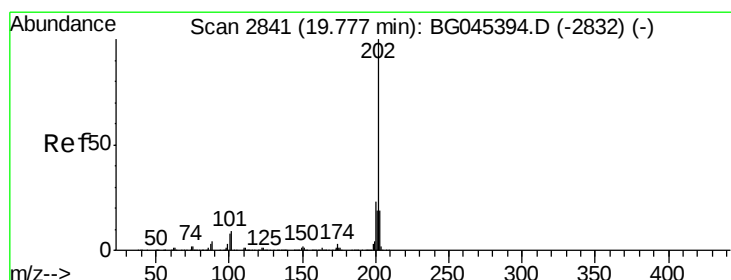
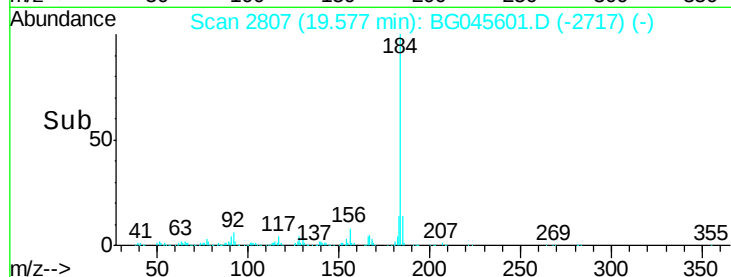
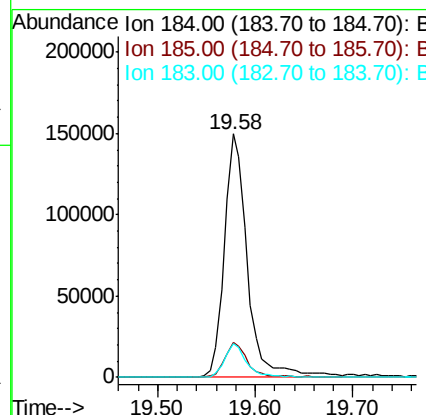
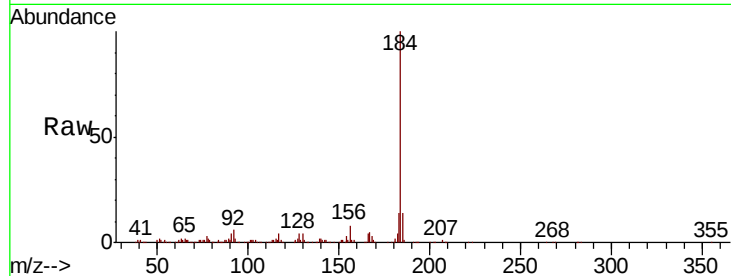
ClientSampleId :

SPMSD

Tot Ion:	184	Resp:	246109
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.7	17.5
183	13.7	10.2	15.4

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#78

Pyrene

Concen: 50.182 ng

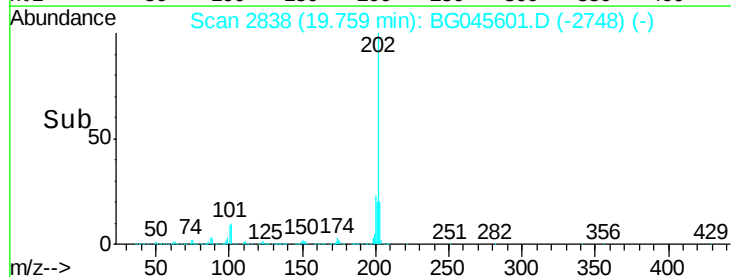
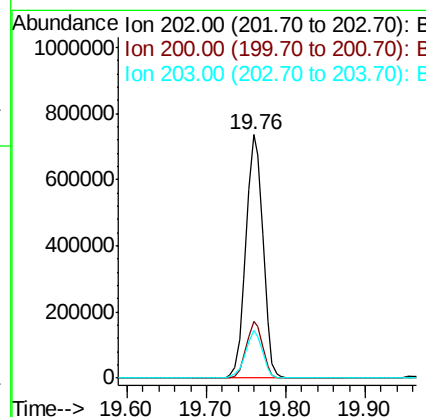
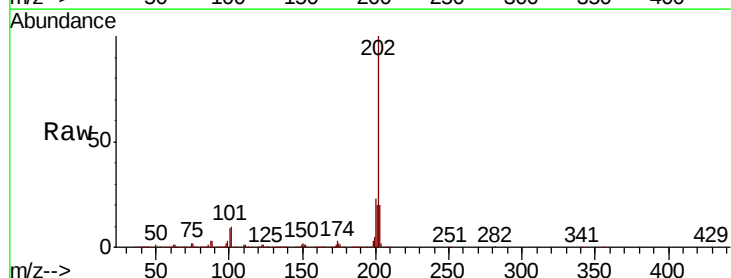
RT: 19.76 min Scan# 2838

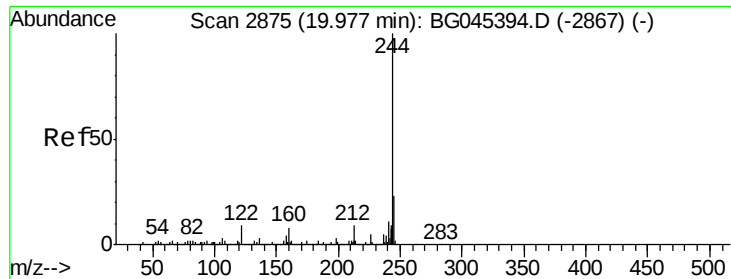
Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	202	Resp:	1103439
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.2	27.2
203	19.5	15.1	22.7





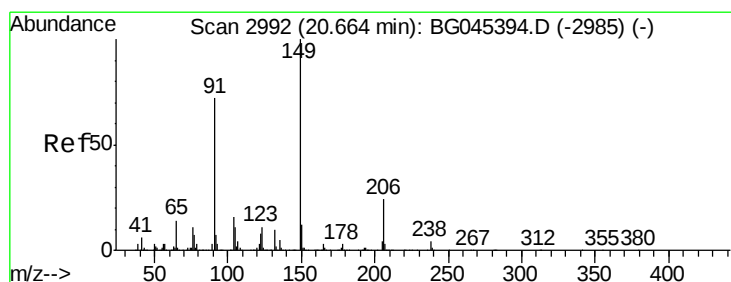
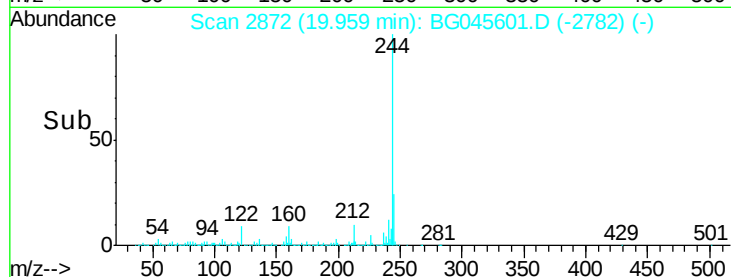
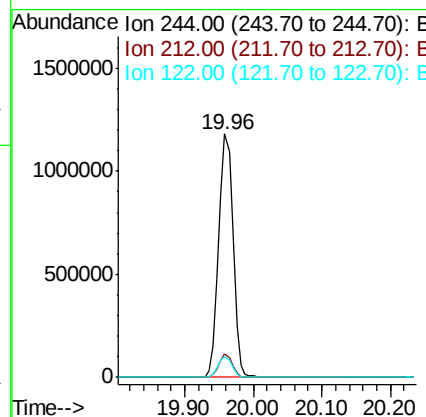
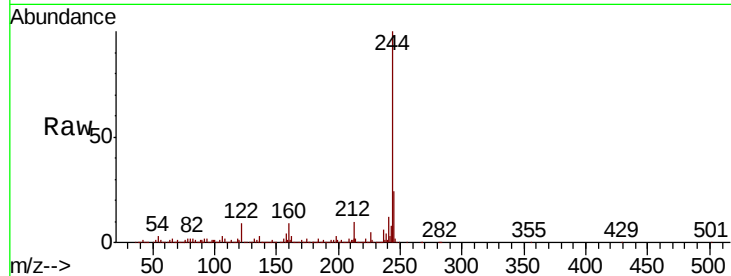
#79
 Terphenyl-d14
 Concen: 103.164 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion:244 Resp: 1706240
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.4 11.0
 122 8.5 6.8 10.2

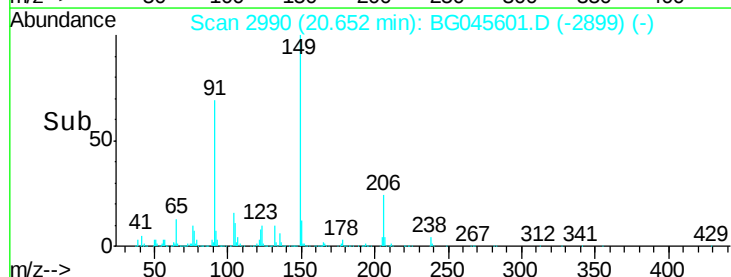
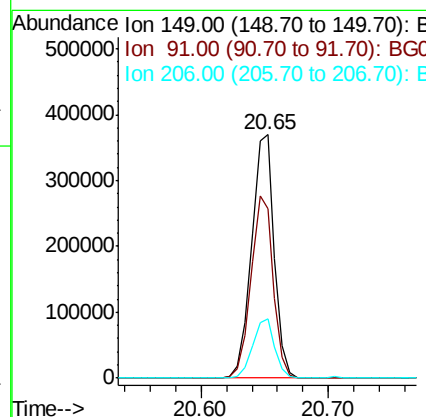
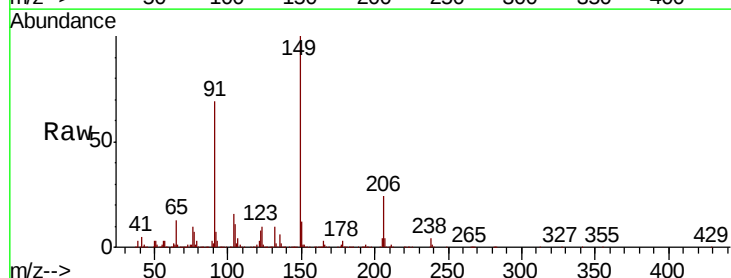
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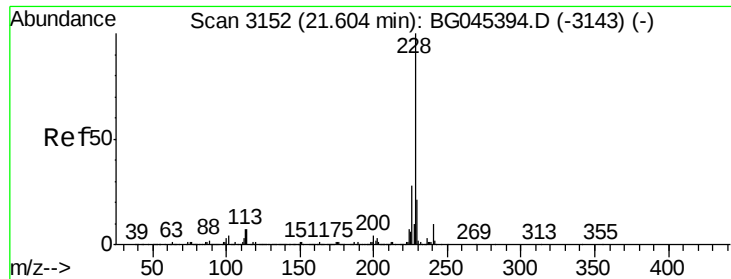
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#80
 Butylbenzylphthalate
 Concen: 48.286 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion:149 Resp: 458289
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.8 86.6
 206 24.4 19.1 28.7





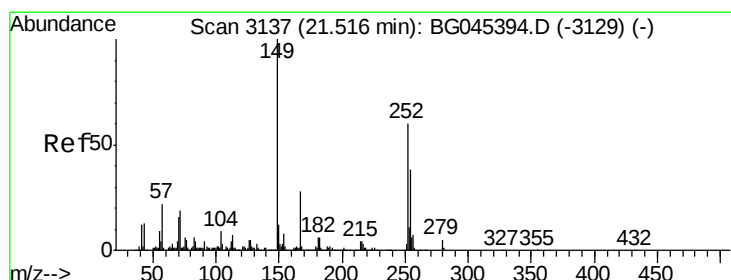
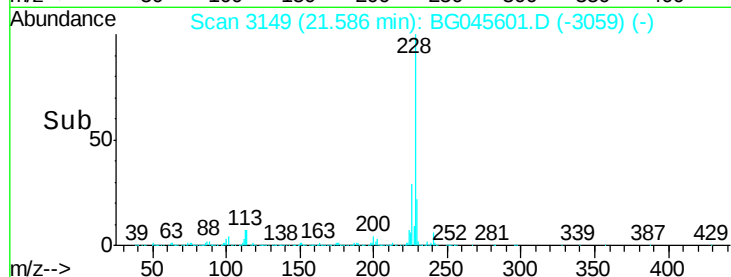
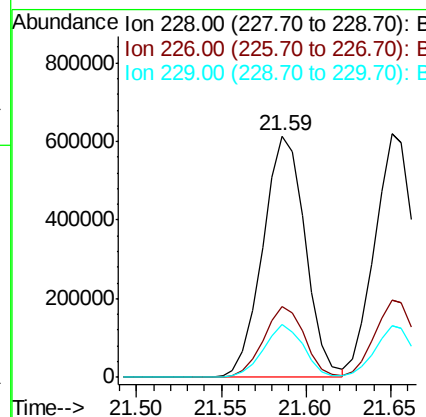
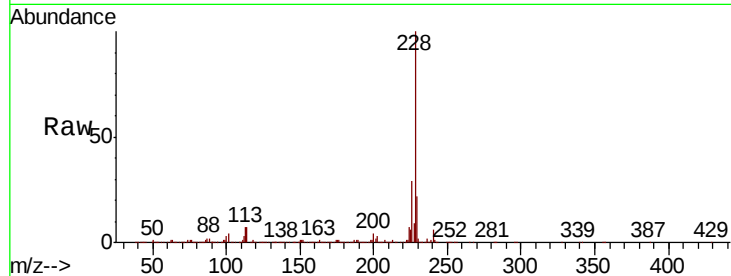
#81
Benzo(a)anthracene
Concen: 49.855 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	22.0	16.7	25.1

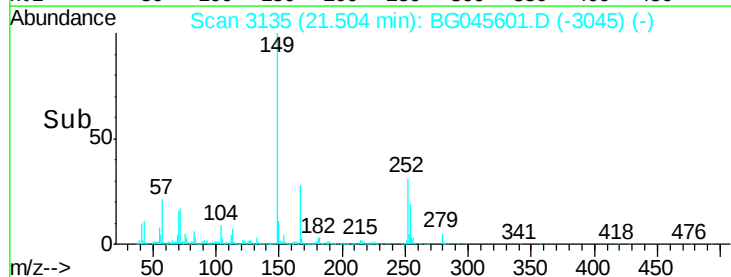
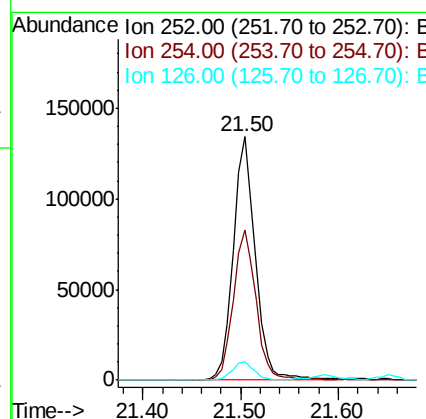
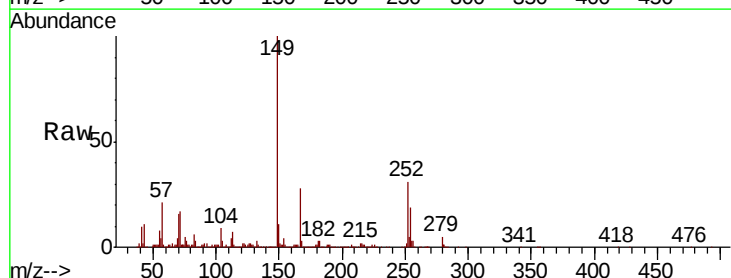
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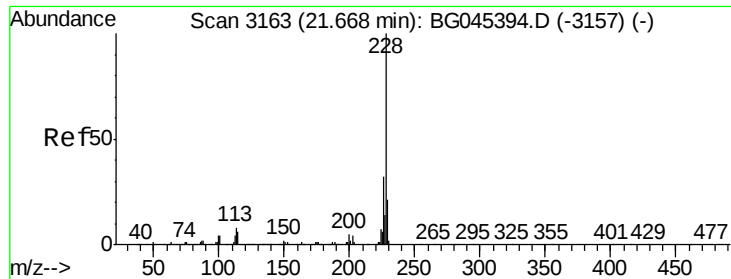
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#82
3,3'-Dichlorobenzidine
Concen: 24.990 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	51.3	76.9
126	7.8	6.6	10.0





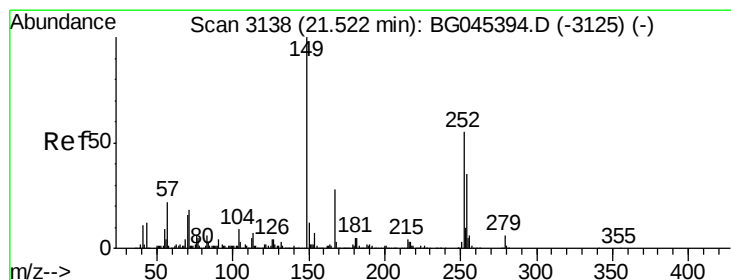
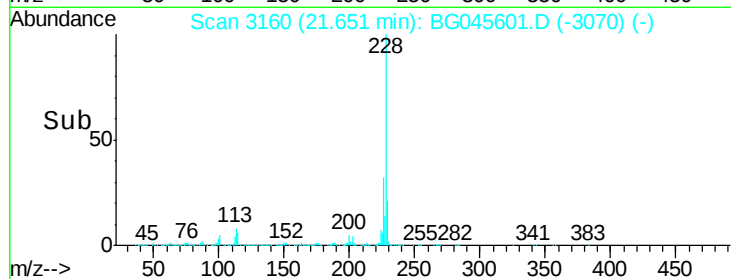
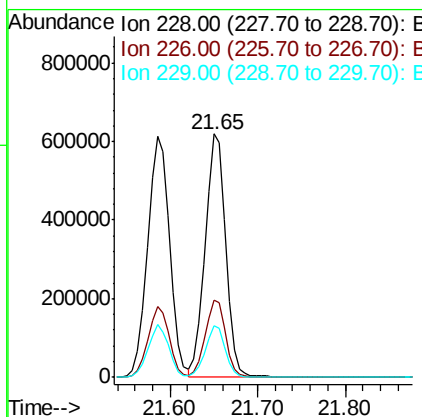
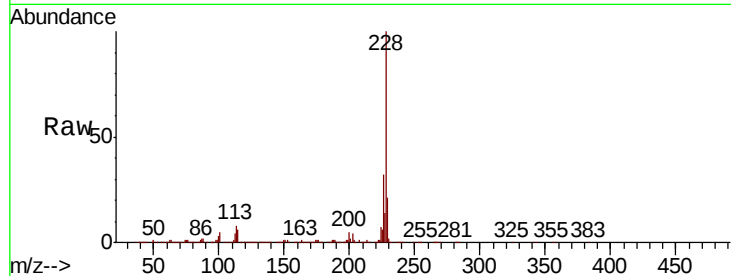
#83
 Chrvsene
 Concen: 49.219 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	21.0	16.7	25.1

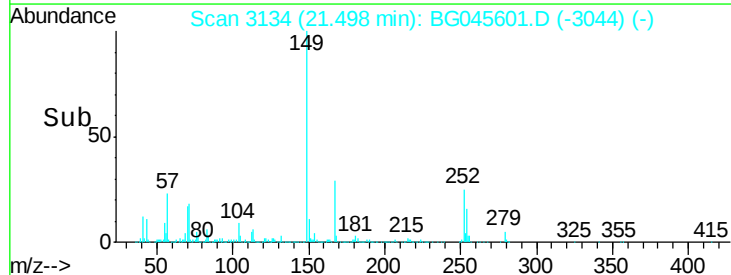
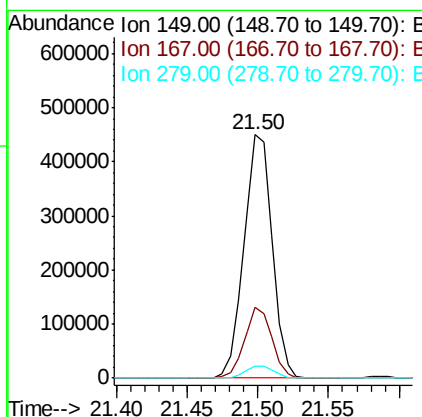
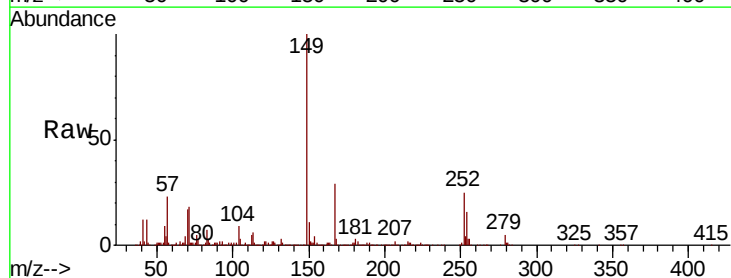
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.167 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045601.D
 Acq: 4 Jun 2020 7:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.1	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 48.078 ng

RT: 22.68 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion:149 Resp: 1077338

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

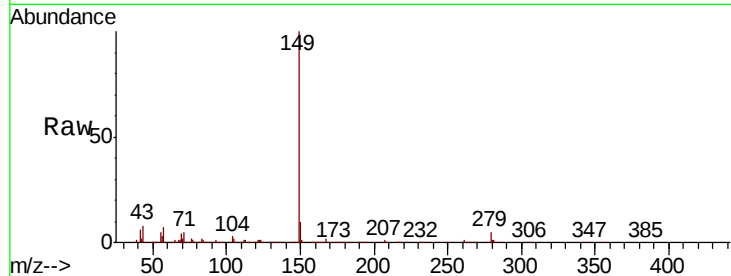
43 7.2 5.8 8.8

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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): B

22.68

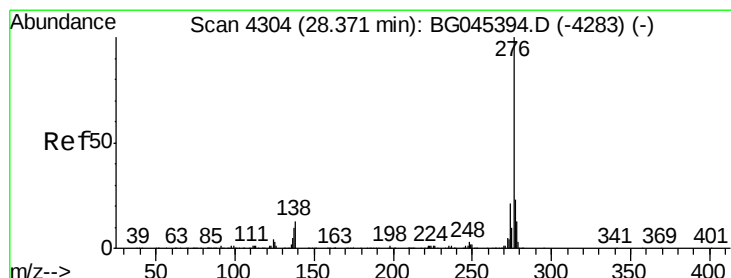
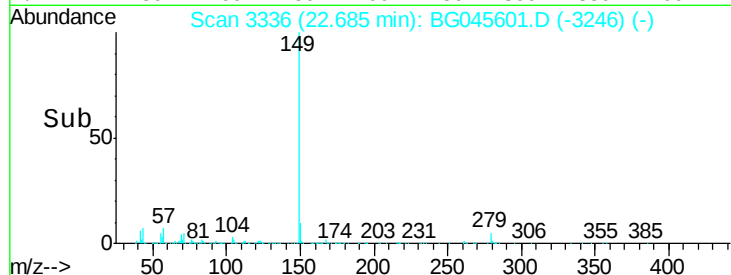
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.332 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

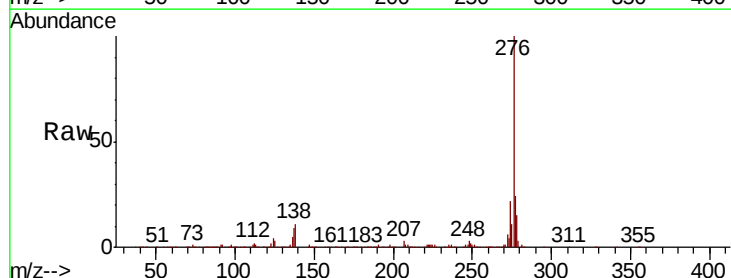
Tgt Ion:276 Resp: 1332899

Ion Ratio Lower Upper

276 100

138 14.8 8.6 12.8#

277 25.5 20.2 30.4



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

28.33

300000

250000

200000

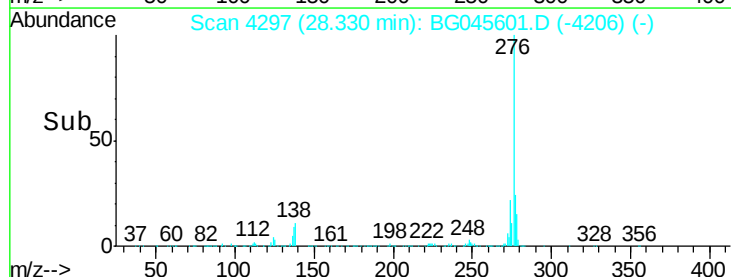
150000

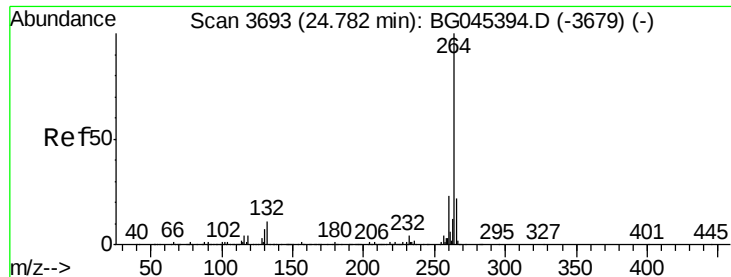
100000

50000

0

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

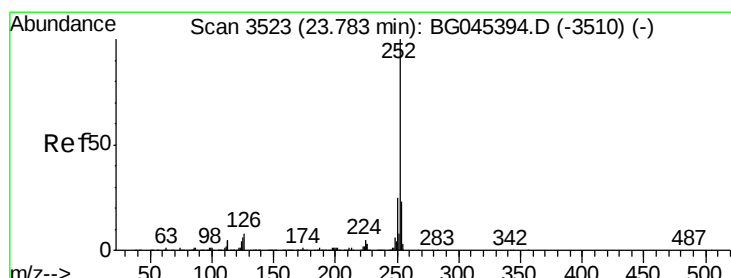
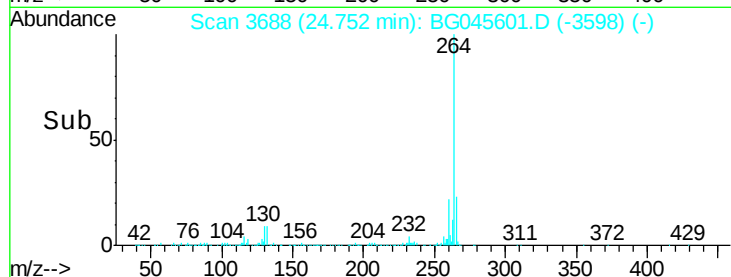
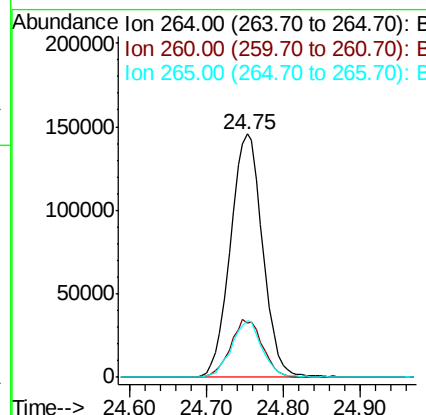
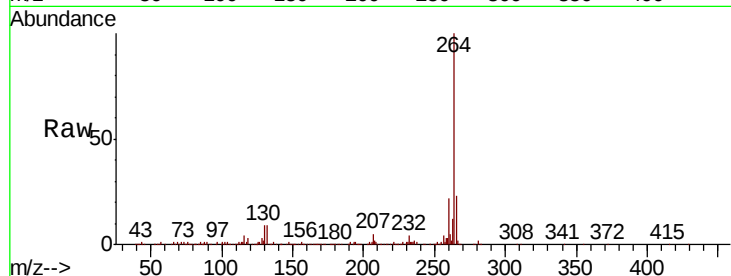
ClientSampleId :

SPMSD

Tot Ion:	264	Resp:	425171
Ion Ratio		Lower	Upper
264	100		
260	22.1	18.2	27.4
265	23.4	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 50.591 ng

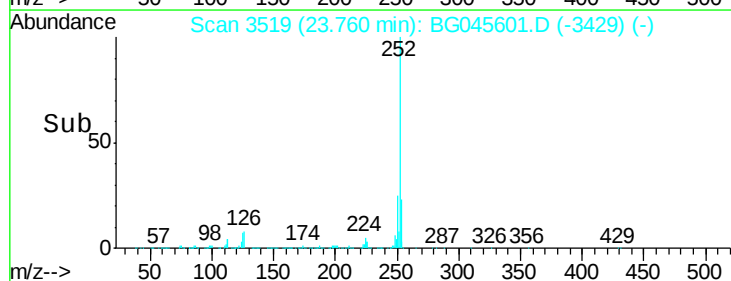
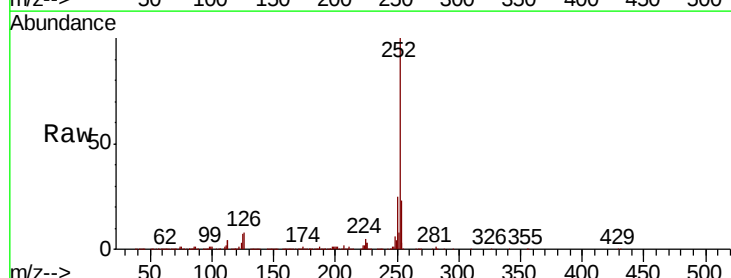
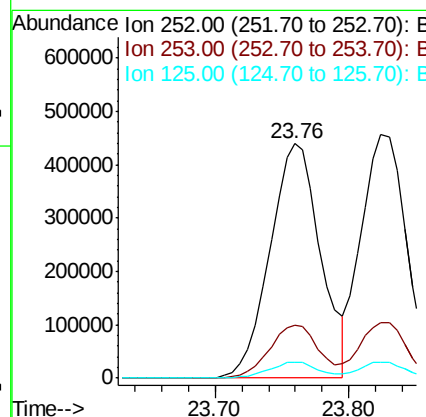
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Tgt Ion:	252	Resp:	1153607
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.1	27.1
125	7.0	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 49.788 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion:252 Resp: 1066578

Ion Ratio Lower Upper

252 100

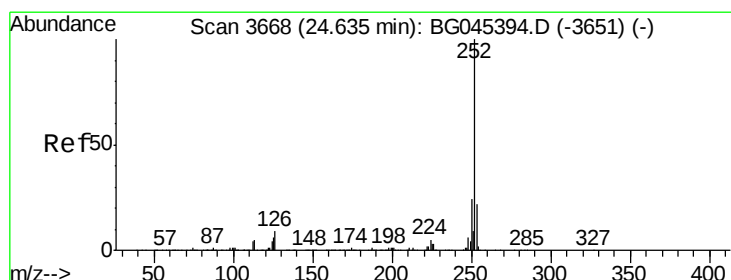
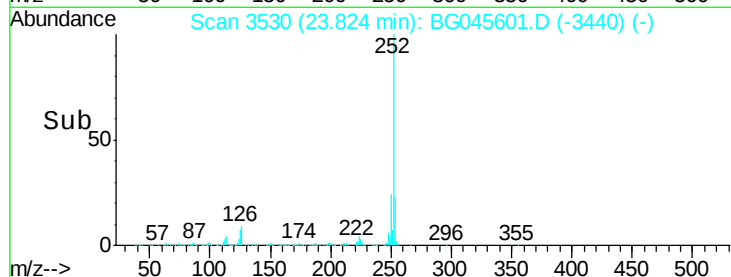
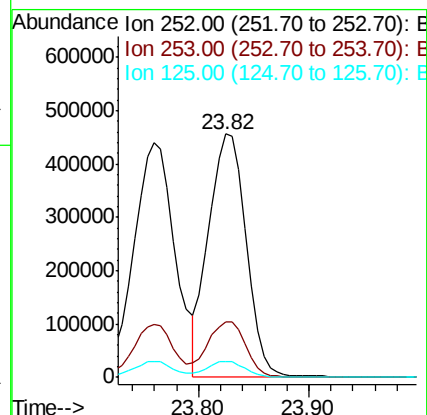
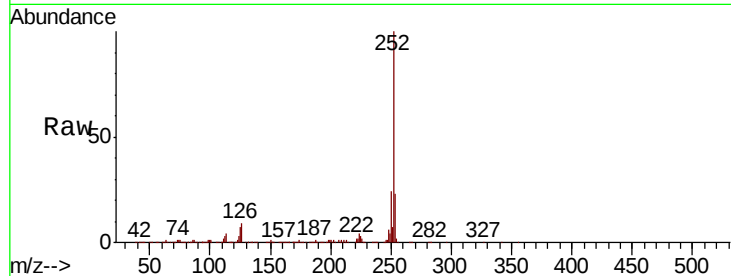
253 22.9 18.4 27.6

125 6.7 5.7 8.5

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#90

Benzo(a)pyrene

Concen: 48.768 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045601.D

Acq: 4 Jun 2020 7:05

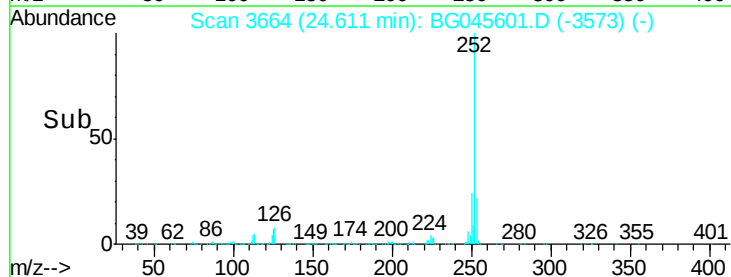
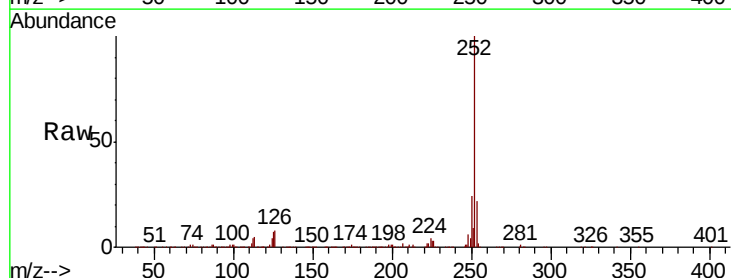
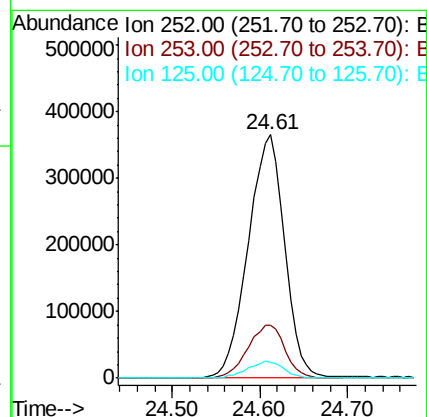
Tgt Ion:252 Resp: 1035652

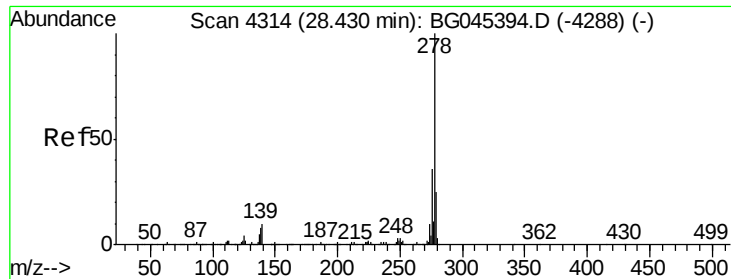
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.6 5.0 7.6





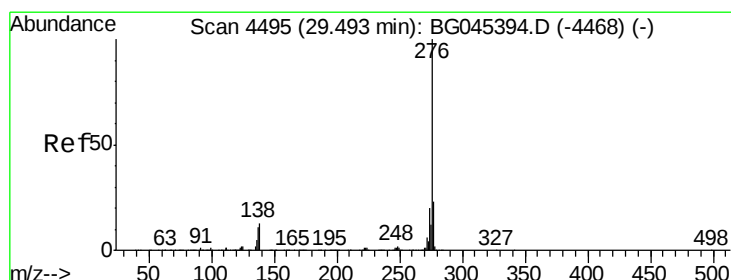
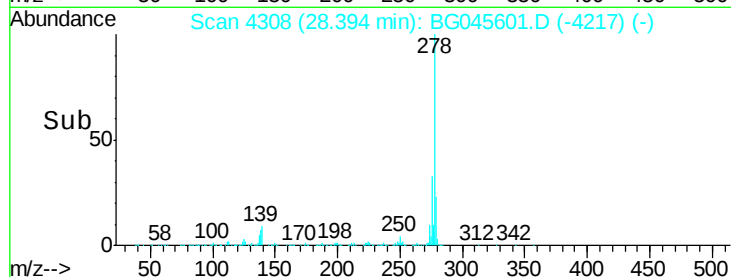
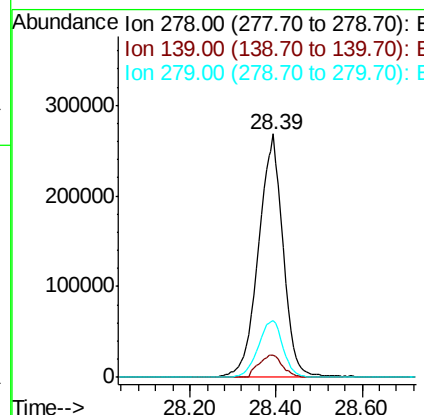
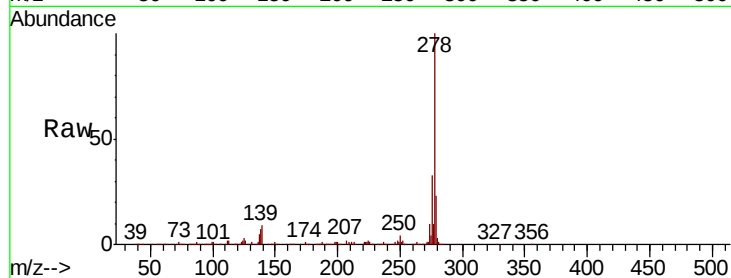
#91
Dibenzo(a,h)anthracene
Concen: 51.212 ng
RT: 28.39 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	9.3	7.8	11.8	
279	23.1	19.8	29.8	

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#92
Benzo(g,h,i)perylene
Concen: 51.762 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.02 min
Lab File: BG045601.D
Acq: 4 Jun 2020 7:05

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.1	27.1	
138	12.3	10.2	15.4	

