

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045399.D
 Acq On : 15 May 2020 16:31
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Manual Integrations
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Quant Time: May 15 17:08:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71727	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	274139	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	190326	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	439355	20.00	ng	0.00
76) Chrysene-d12	21.62	240	420810	20.00	ng	0.00
87) Perylene-d12	24.78	264	472448	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	290389	79.12	ng	0.00
7) Phenol-d6	7.14	99	416539	79.74	ng	0.00
23) Nitrobenzene-d5	9.13	82	407566	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	188408	77.41	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	911013	81.19	ng	0.00
79) Terphenyl-d14	19.98	244	1505983	83.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	70024	38.474	ng	98
3) Pyridine	3.82	79	202488	39.947	ng	97
4) n-Nitrosodimethylamine	3.73	42	63044	38.008	ng	100
6) Aniline	7.29	93	268258	39.338	ng	98
8) 2-Chlorophenol	7.54	128	158889	39.477	ng	98
9) Benzaldehyde	7.10	77	141875	41.686	ng	97
10) Phenol	7.17	94	214835	39.904	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	167217	39.819	ng	97
12) 1,3-Dichlorobenzene	7.86	146	191659	39.626	ng	97
13) 1,4-Dichlorobenzene	8.01	146	189356	39.671	ng	97
14) 1,2-Dichlorobenzene	8.33	146	179559	39.112	ng	96
15) Benzyl Alcohol	8.21	79	169069	39.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	155787	39.082	ng	96
17) 2-Methylphenol	8.42	107	159328	39.538	ng	98
18) Hexachloroethane	9.06	117	71698	39.220	ng	94
19) n-Nitroso-di-n-propylamine	8.78	70	145406	40.253	ng	98
20) 3+4-Methylphenols	8.75	107	222202	40.492	ng	96
22) Acetophenone	8.79	105	265502	40.863	ng	97
24) Nitrobenzene	9.17	77	217501	40.382	ng	99
25) Isophorone	9.70	82	401379	40.542	ng	99
26) 2-Nitrophenol	9.89	139	97279	42.221	ng	92
27) 2,4-Dimethylphenol	9.95	122	139095	40.703	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	215138	41.436	ng	98
29) 2,4-Dichlorophenol	10.43	162	168240	41.691	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	193719	40.625	ng	97
31) Naphthalene	10.83	128	515279	40.336	ng	98
32) Benzoic acid	10.10	122	84189	38.682	ng	92
33) 4-Chloroaniline	10.93	127	221743	41.526	ng	99
34) Hexachlorobutadiene	11.12	225	136647	40.540	ng	98
35) Caprolactam	11.70	113	57177	38.602	ng	85
36) 4-Chloro-3-methylphenol	12.07	107	182913	40.225	ng	96
37) 2-Methylnaphthalene	12.43	142	387818	40.731	ng	96
38) 1-Methylnaphthalene	12.66	142	356097	39.592	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	215679	40.571	ng	99

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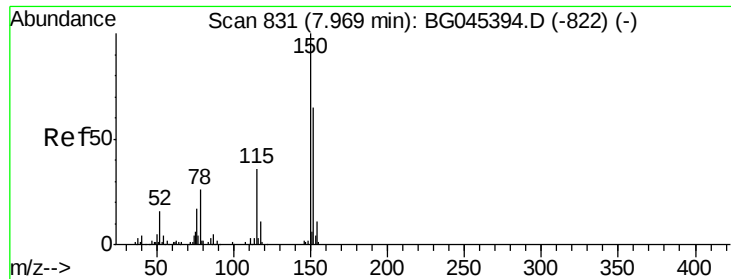
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	126632	41.270	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	147237	39.870	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	170480	40.398	nq	99
46) 1,1'-Biphenyl	13.45	154	470475	40.230	nq	98
47) 2-Chloronaphthalene	13.49	162	376906	39.689	nq	98
48) 2-Nitroaniline	13.69	65	124323	39.798	nq	97
49) Acenaphthylene	14.33	152	606349	39.751	nq	98
50) Dimethylphthalate	14.07	163	509312	39.009	nq	100
51) 2,6-Dinitrotoluene	14.18	165	116390	39.506	nq	95
52) Acenaphthene	14.68	154	411182m	40.270	nq	
53) 3-Nitroaniline	14.51	138	119114	39.772	nq	# 92
54) 2,4-Dinitrophenol	14.72	184	68459	38.511	nq	97
55) Dibenzofuran	15.01	168	592151	39.053	nq	97
56) 4-Nitrophenol	14.83	139	87949	38.788	nq	94
57) 2,4-Dinitrotoluene	14.97	165	168530	39.498	nq	100
58) Fluorene	15.67	166	495907	39.809	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	144832	39.010	nq	97
60) Diethylphthalate	15.43	149	518881	38.183	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	279947	39.272	nq	98
62) 4-Nitroaniline	15.68	138	119260	38.144	nq	99
63) Azobenzene	15.95	77	493725	38.964	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	104709	40.921	nq	98
66) n-Nitrosodiphenylamine	15.87	169	433972	41.139	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	195405	41.073	nq	96
68) Hexachlorobenzene	16.68	284	203242	40.845	nq	97
69) Atrazine	16.82	200	176349	40.587	nq	98
70) Pentachlorophenol	17.02	266	109842	42.513	nq	96
71) Phenanthrene	17.40	178	782072	40.775	nq	99
72) Anthracene	17.49	178	780526	40.523	nq	99
73) Carbazole	17.76	167	763961	40.690	nq	100
74) Di-n-butylphthalate	18.33	149	903444	40.091	nq	100
75) Fluoranthene	19.41	202	982474	40.272	nq	99
77) Benzidine	19.59	184	474355	40.136	nq	98
78) Pyrene	19.78	202	991877	41.349	nq	99
80) Butylbenzylphthalate	20.66	149	416485	40.225	nq	100
81) Benzo(a)anthracene	21.60	228	950133	40.531	nq	100
82) 3,3'-Dichlorobenzidine	21.52	252	375296	40.814	nq	99
83) Chrysene	21.67	228	920715	40.847	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	581071	40.826	nq	99
85) Di-n-octyl phthalate	22.71	149	1015136	41.527	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1201579	40.765	nq	99
88) Benzo(b)fluoranthene	23.78	252	1040561	41.067	nq	99
89) Benzo(k)fluoranthene	23.85	252	974067	40.919	nq	99
90) Benzo(a)pyrene	24.64	252	966038	40.937	nq	# 95
91) Dibenzo(a,h)anthracene	28.44	278	960797	40.517	nq	98
92) Benzo(g,h,i)perylene	29.49	276	961415	40.538	nq	98

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



#1

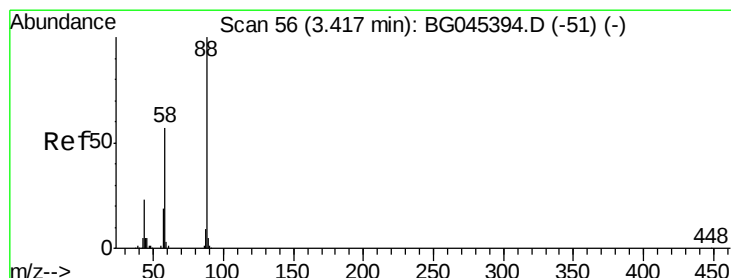
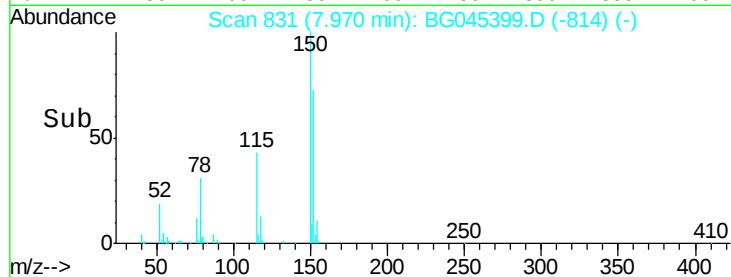
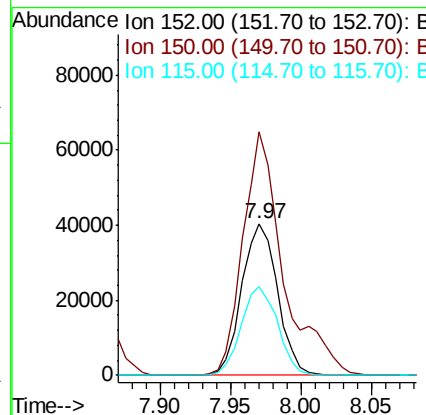
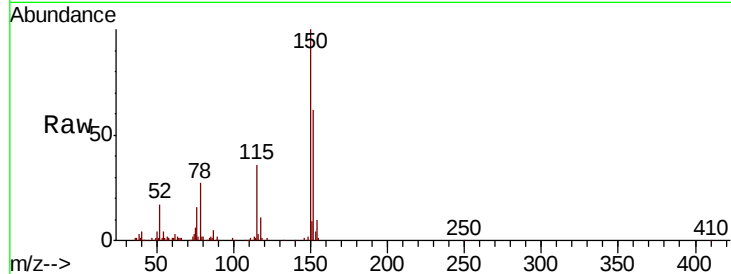
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.4	183.6
115	58.4	44.2	66.4

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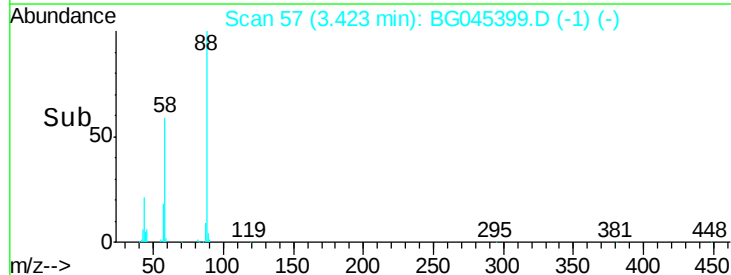
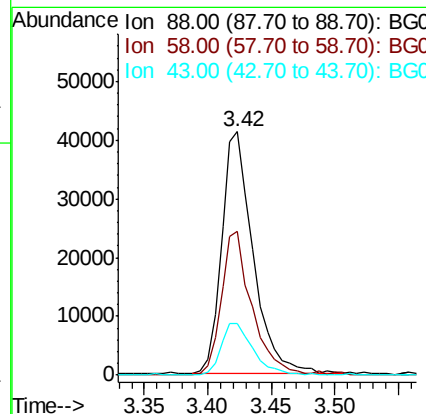
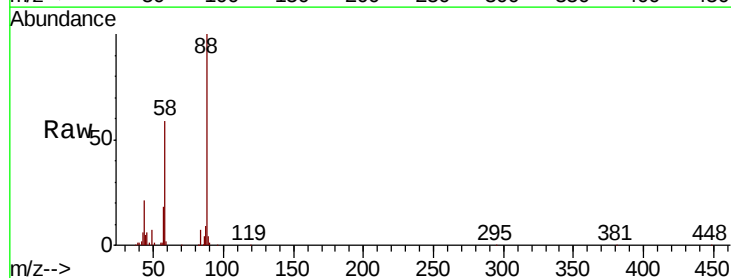
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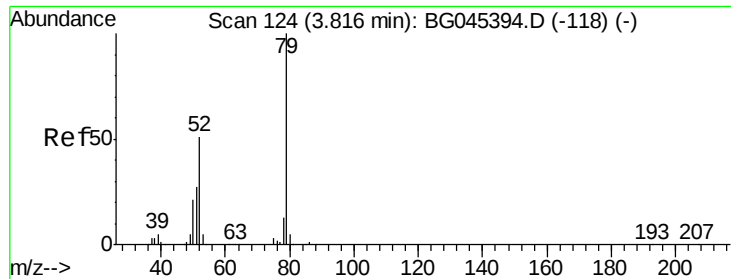


#2

1,4-Dioxane
Concen: 38.474 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.3	45.7	68.5
43	22.3	16.8	25.2





#3

Pvridine

Concen: 39.947 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

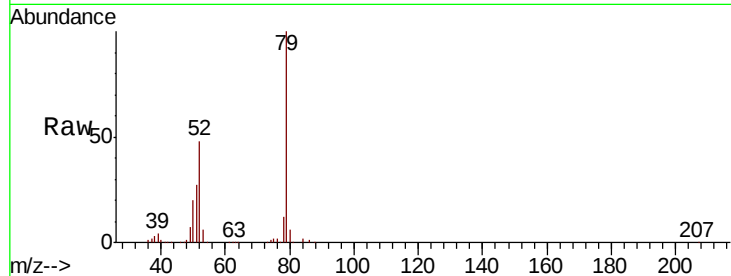
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ICVBG051520

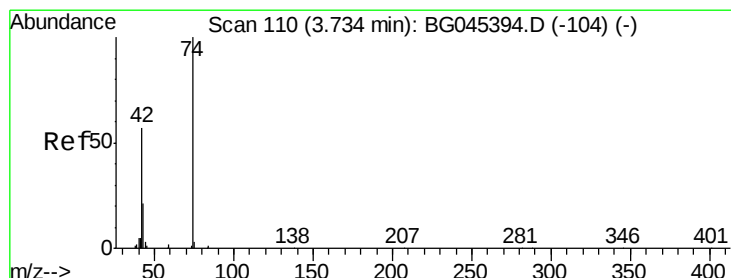
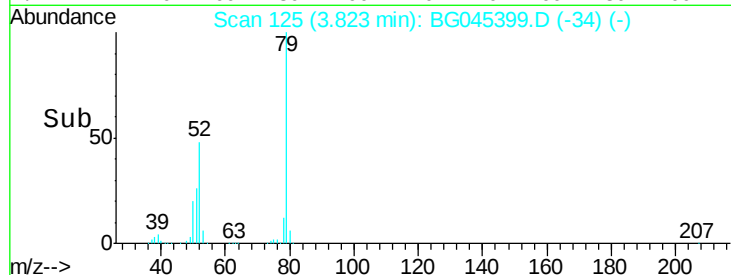
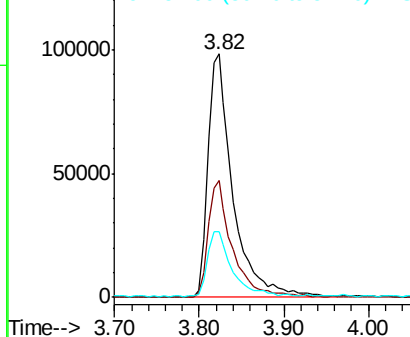
Tot Ion:	79	Resp:	202488
Ion	Ratio	Lower	Upper
79	100		
52	47.9	40.8	61.2
51	27.1	21.9	32.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.008 ng

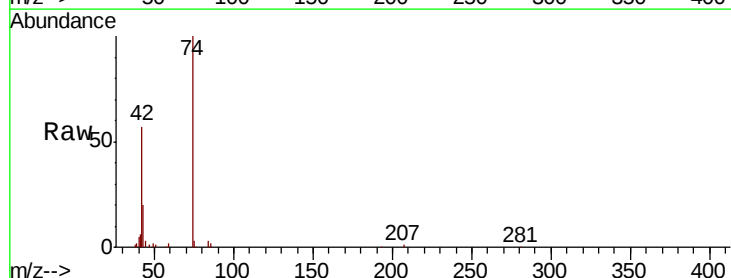
RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

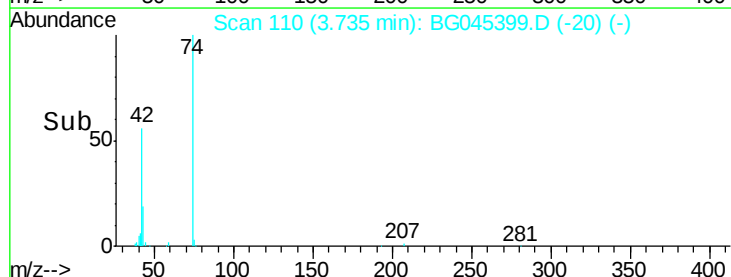
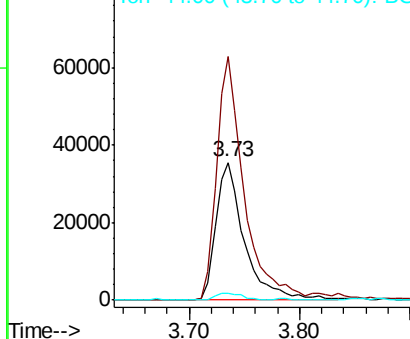
Lab File: BG045399.D

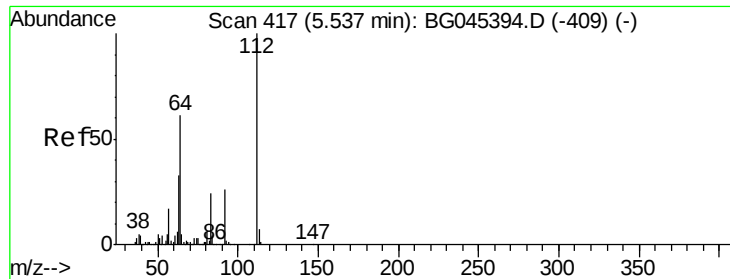
Acq: 15 May 2020 16:31

Tgt Ion:	42	Resp:	63044
Ion	Ratio	Lower	Upper
42	100		
74	176.9	141.3	211.9
44	5.4	4.2	6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.120 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

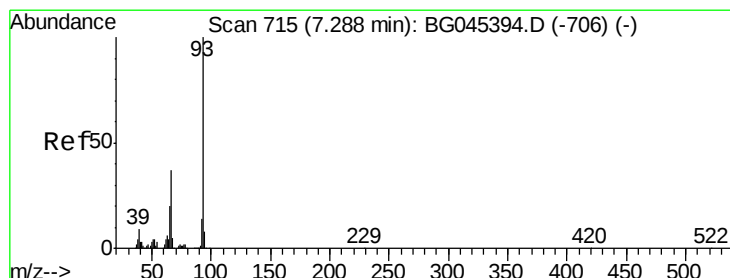
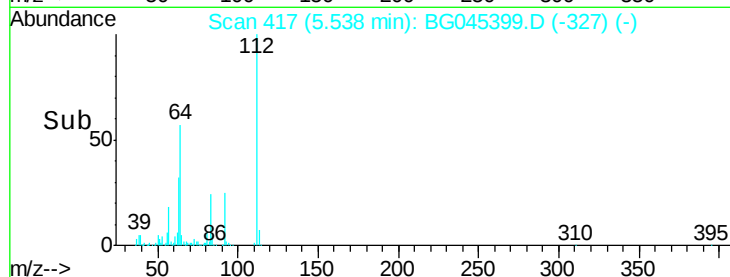
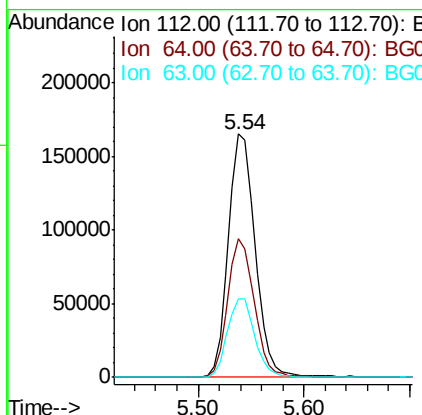
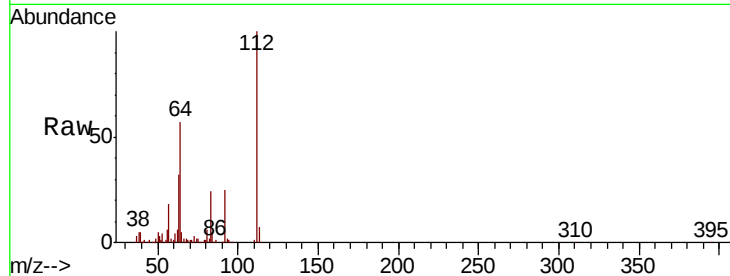
ClientSampleId :

ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
112	100	290389		
64	56.8	48.6	72.8	
63	32.0	26.5	39.7	

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#6

Aniline

Concen: 39.338 ng

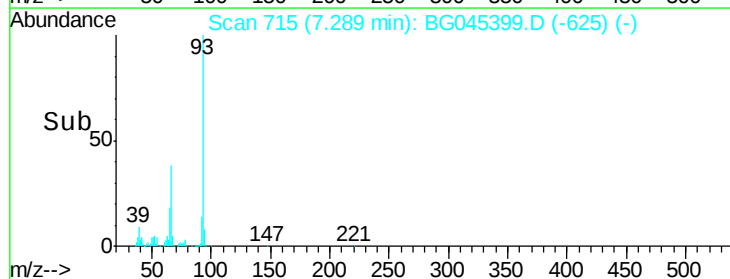
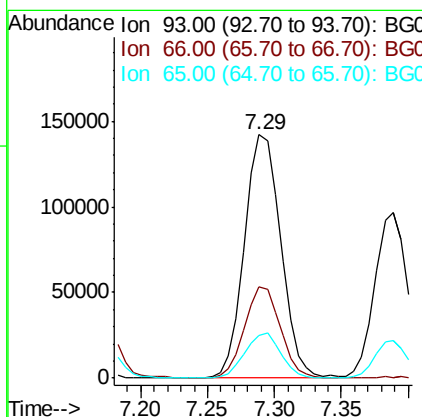
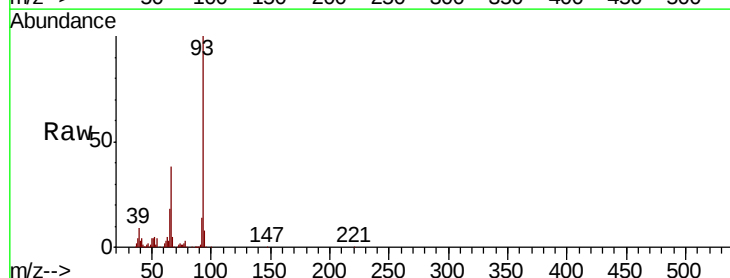
RT: 7.29 min Scan# 715

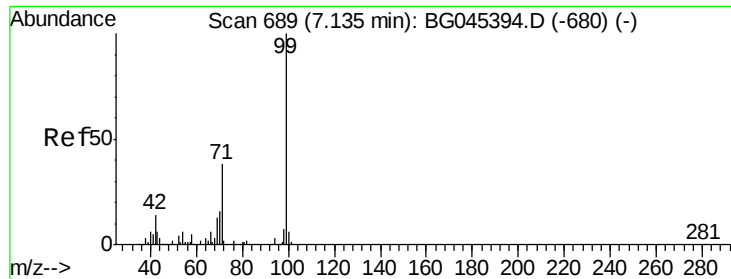
Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	268258		
66	37.6	29.6	44.4	
65	17.7	15.9	23.9	





#7

Phenol-d6

Concen: 79.738 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

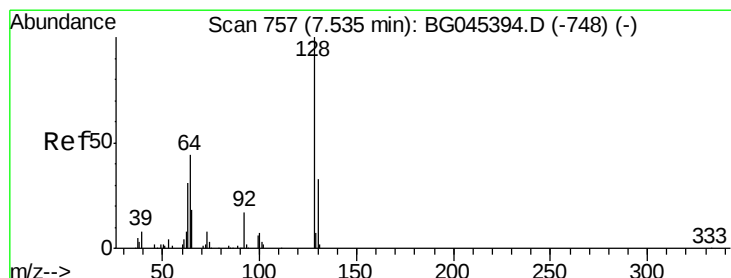
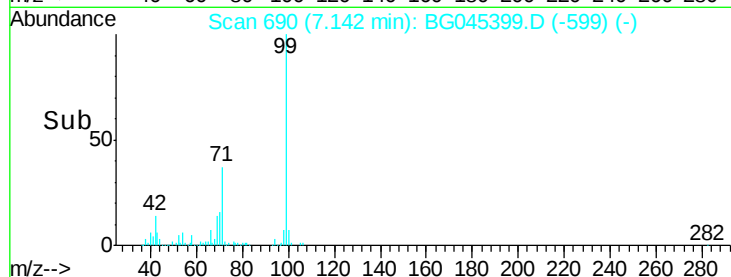
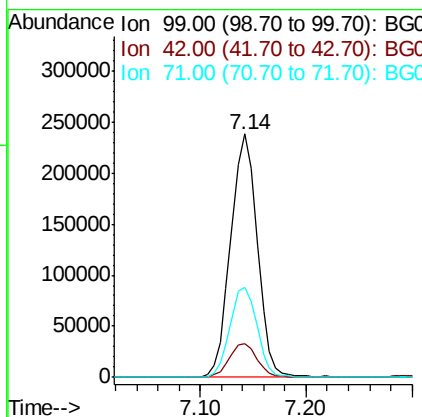
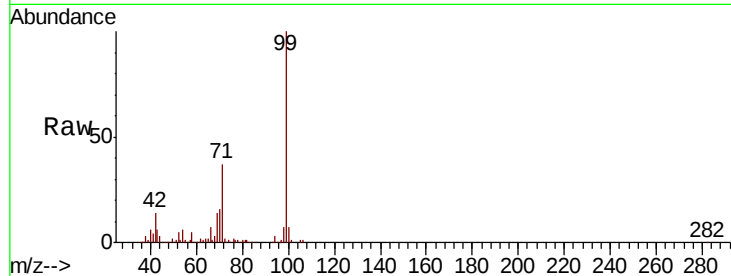
ClientSampleId :

ICVBG051520

Tot Ion:	99	Resp:	416539
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	36.9	30.8	46.2

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#8

2-Chlorophenol

Concen: 39.477 ng

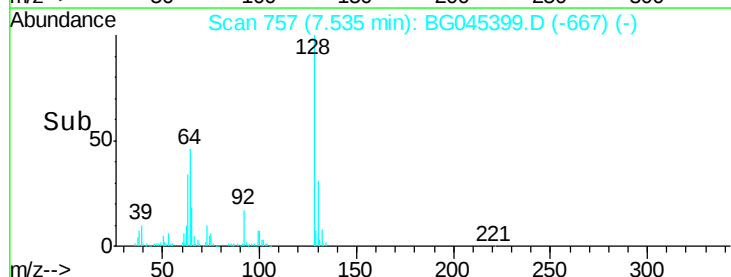
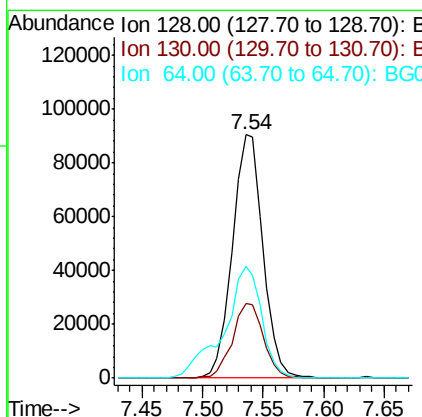
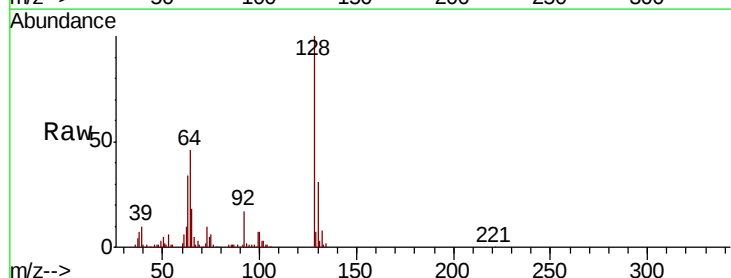
RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	128	Resp:	158889
Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.6	52.6
64	45.9	27.0	67.0





#9

Benzaldehyde

Concen: 41.686 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

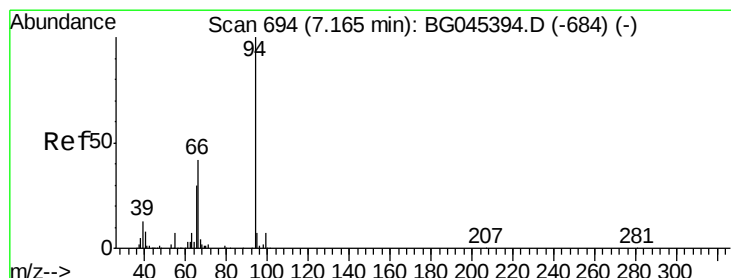
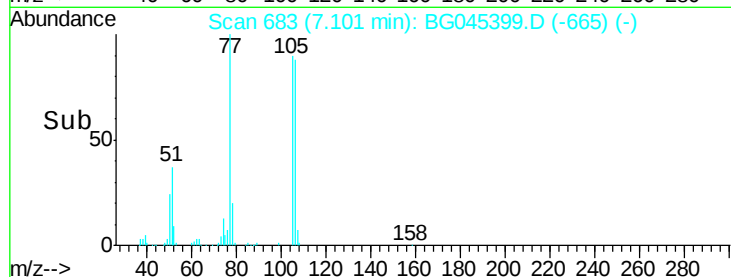
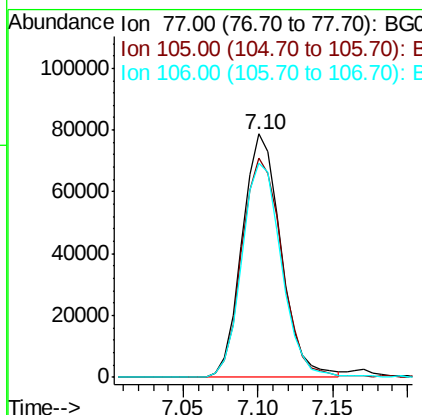
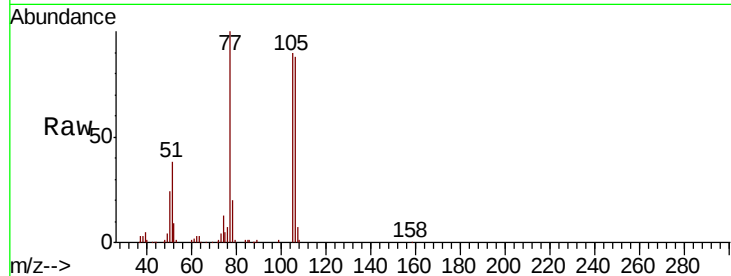
ClientSampleId :

ICVBG051520

Tot Ion:	77	Resp:	141875
Ion Ratio	Lower	Upper	
77	100		
105	90.0	68.5	108.5
106	88.0	71.6	111.6

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#10

Phenol

Concen: 39.904 ng

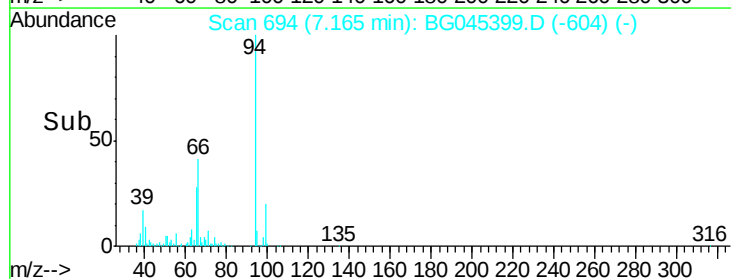
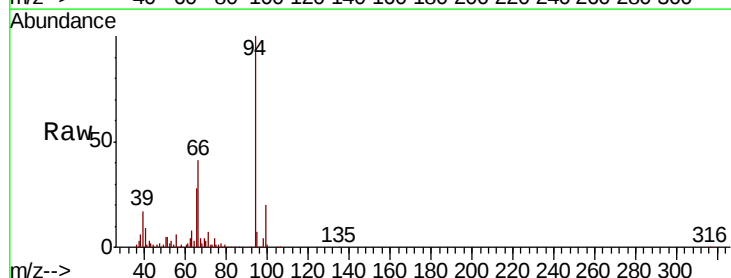
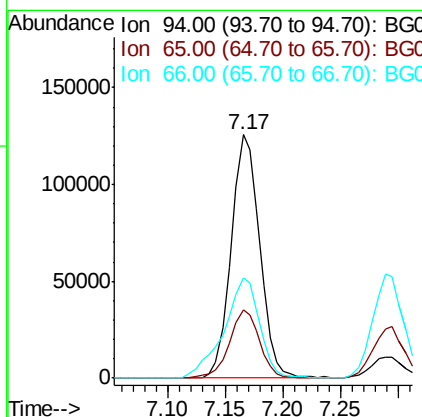
RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	94	Resp:	214835
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.8	49.8
66	41.4	22.0	62.0





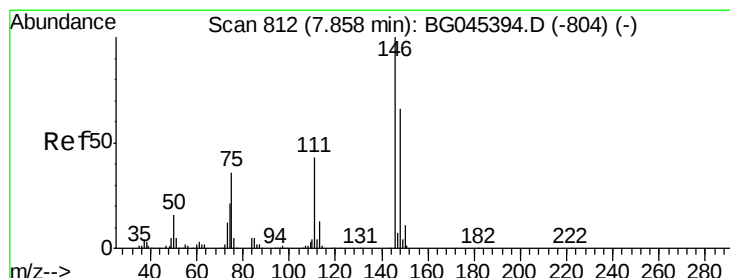
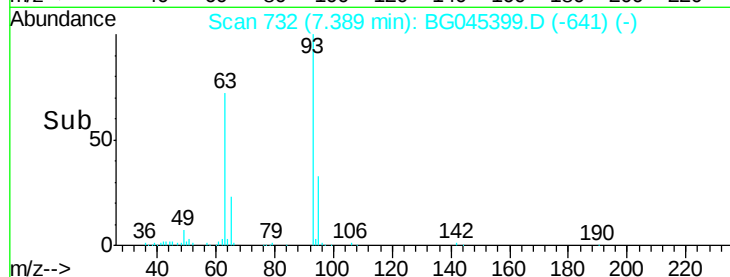
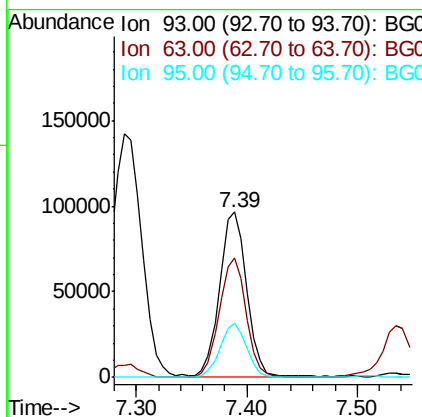
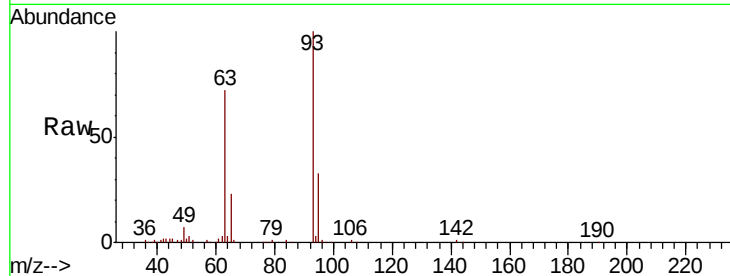
#11
bis(2-Chloroethyl)ether
Concen: 39.819 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
93	100	167217		
63	71.9		48.4	88.4
95	32.9		12.4	52.4

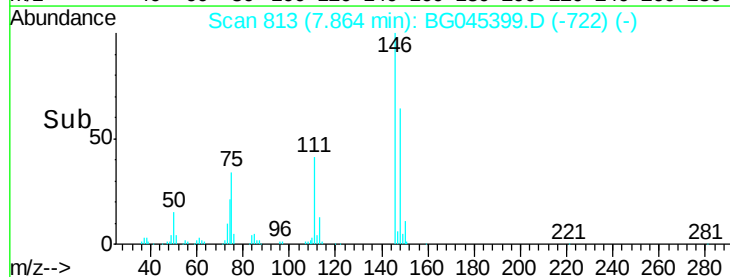
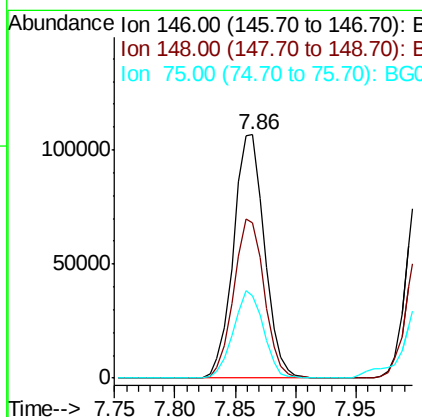
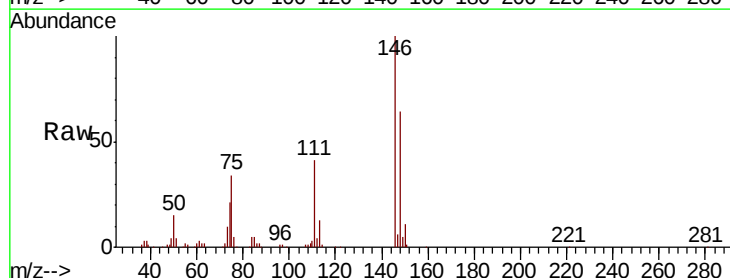
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#12
1,3-Dichlorobenzene
Concen: 39.626 ng
RT: 7.86 min Scan# 813
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	191659		
148	63.9		53.2	79.8
75	33.8		28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 39.671 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

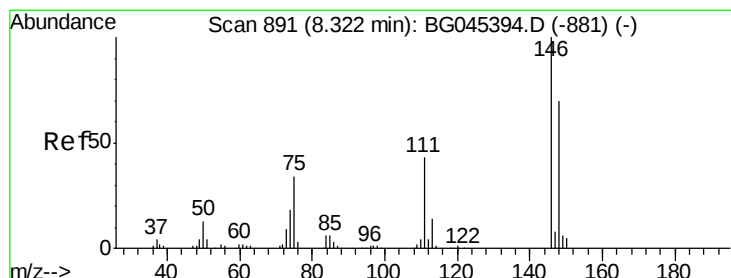
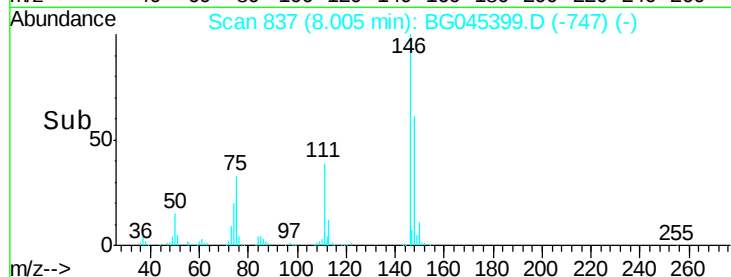
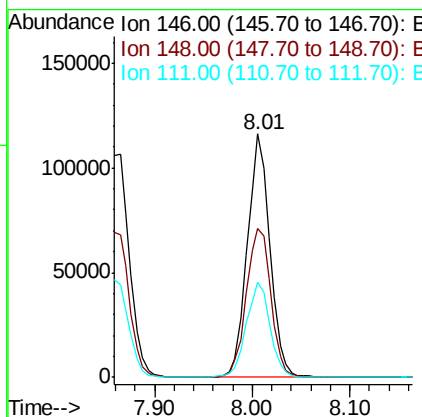
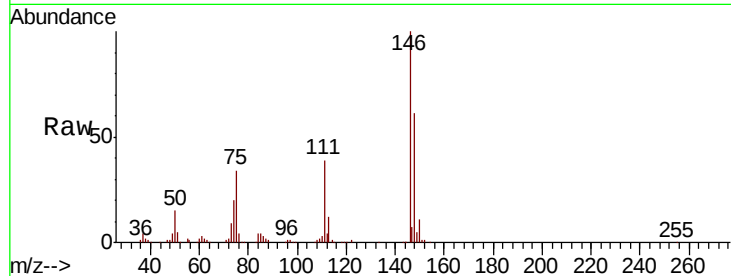
ClientSampleId :

ICVBG051520

Tot Ion:	146	Resp:	189356
Ion Ratio	Lower	Upper	
146	100		
148	61.2	51.8	77.8
111	39.2	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 39.112 ng

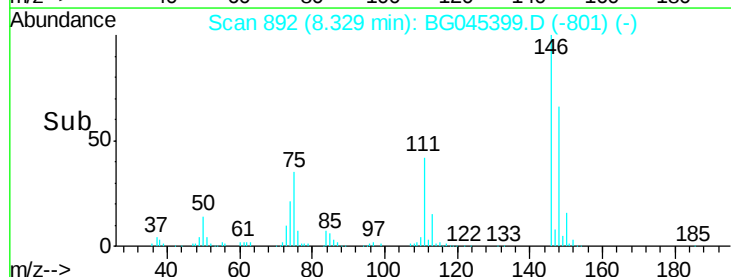
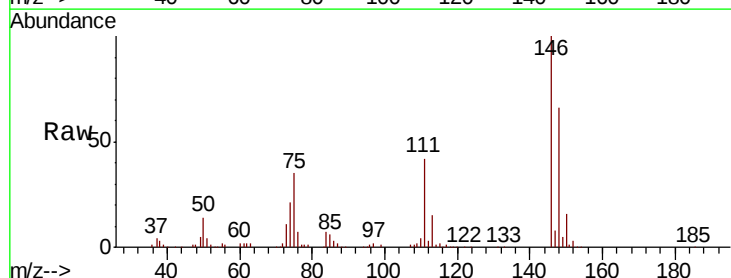
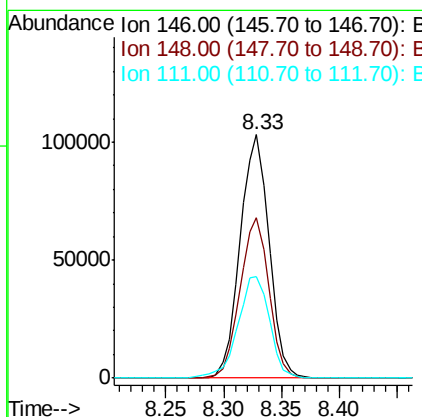
RT: 8.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	146	Resp:	179559
Ion Ratio	Lower	Upper	
146	100		
148	66.0	55.9	83.9
111	41.6	35.0	52.4





#15

Benzyl Alcohol

Concen: 39.178 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

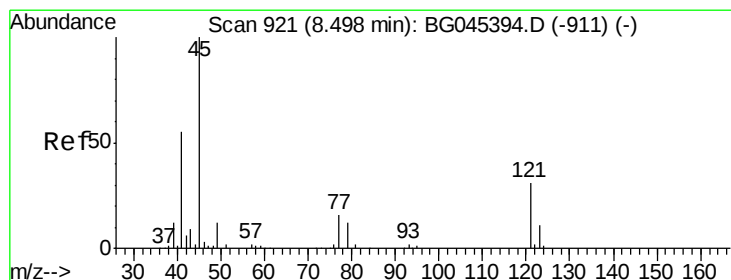
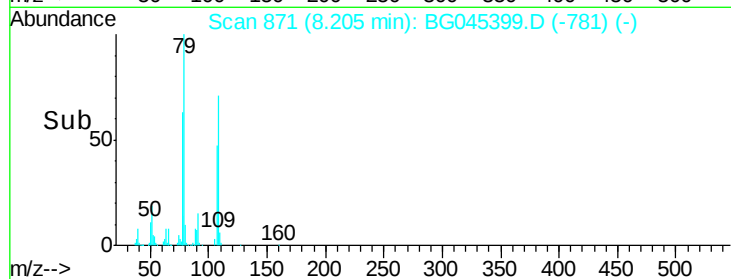
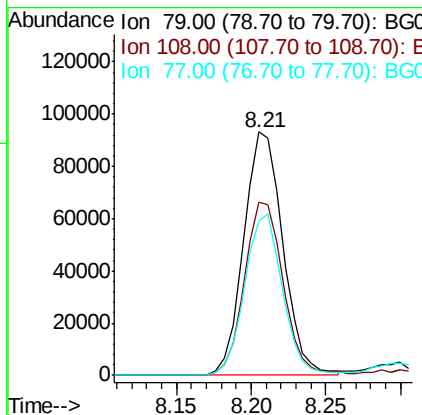
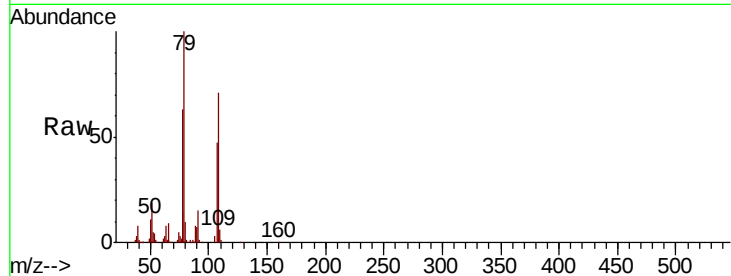
ClientSampleId :

ICVBG051520

Tot Ion:	79	Resp:	169069
Ion	Ratio	Lower	Upper
79	100		
108	71.2	58.2	87.4
77	63.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.082 ng

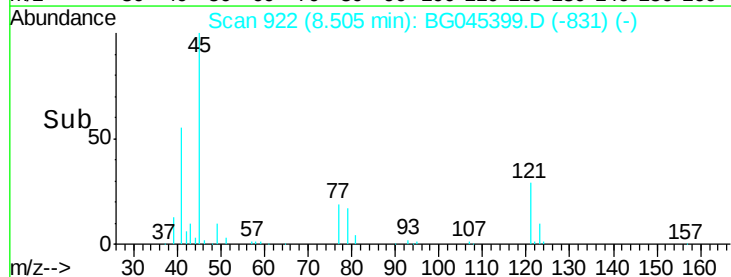
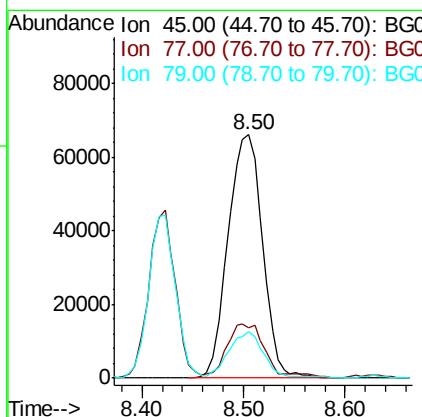
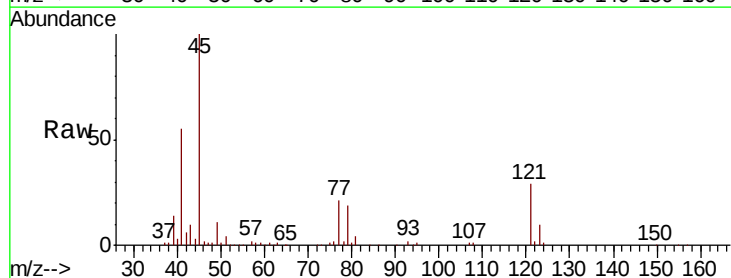
RT: 8.50 min Scan# 922

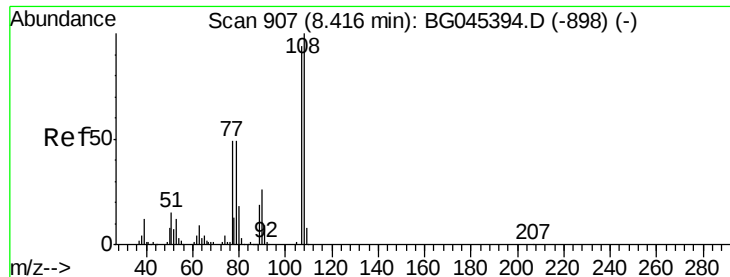
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	45	Resp:	155787
Ion	Ratio	Lower	Upper
45	100		
77	20.6	4.0	44.0
79	19.0	0.0	38.6





#17

2-Methylphenol

Concen: 39.538 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

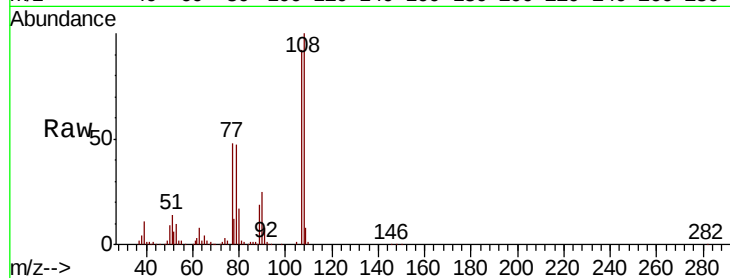
ClientSampleId :

ICVBG051520

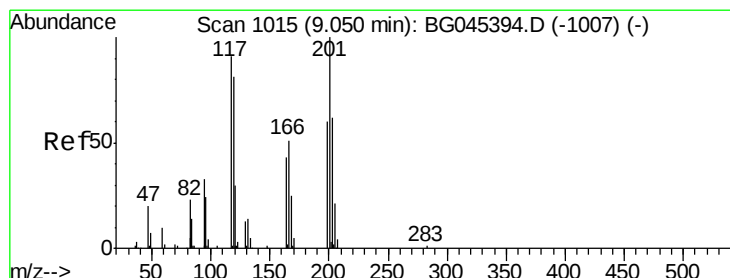
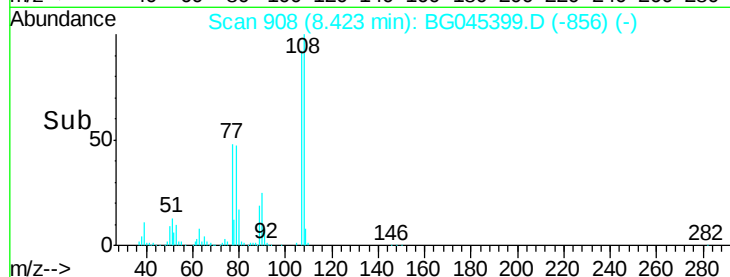
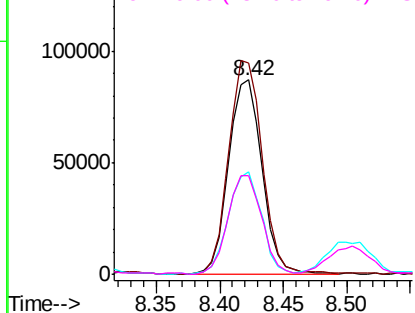
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	85.2	127.8	
77	52.5	41.6	62.4	
79	50.7	41.8	62.8	

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Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.220 ng

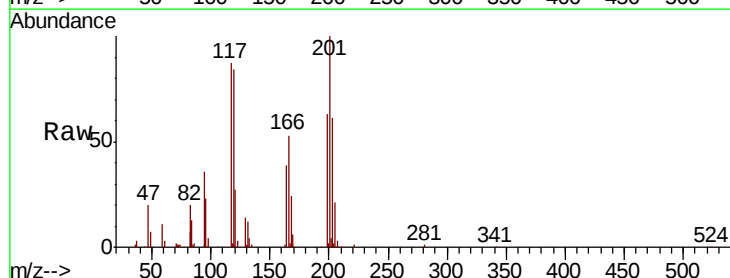
RT: 9.06 min Scan# 1016

Delta R.T. 0.01 min

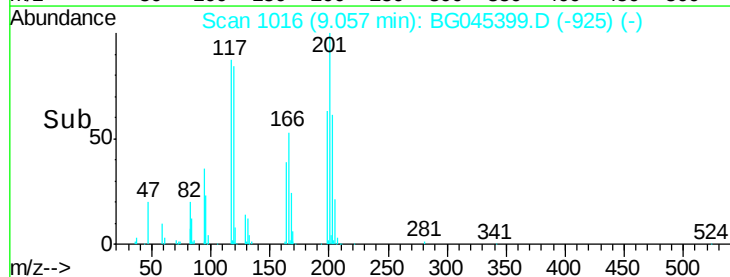
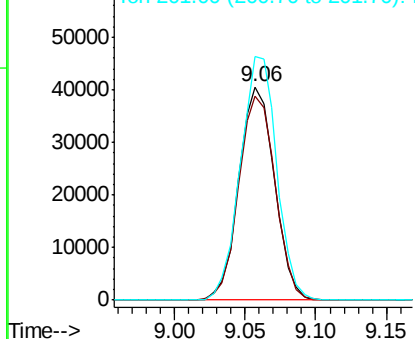
Lab File: BG045399.D

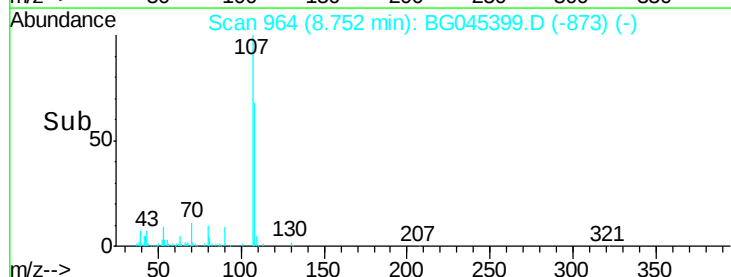
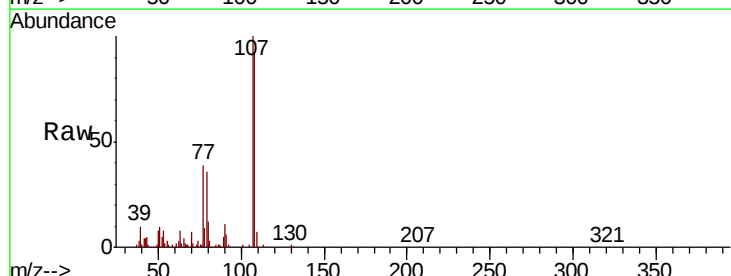
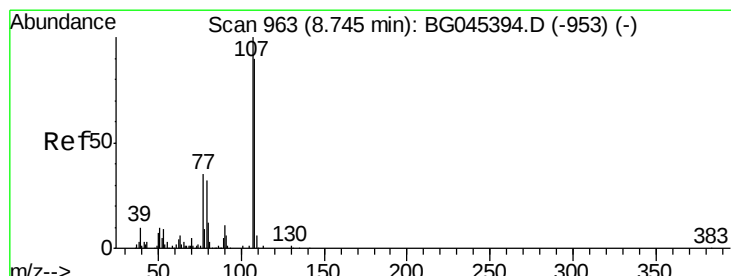
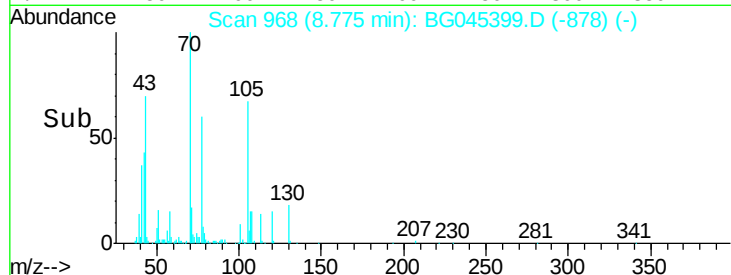
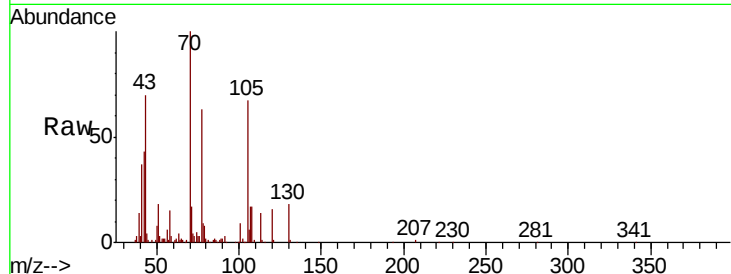
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	71.3	106.9	
201	114.3	87.5	131.3	



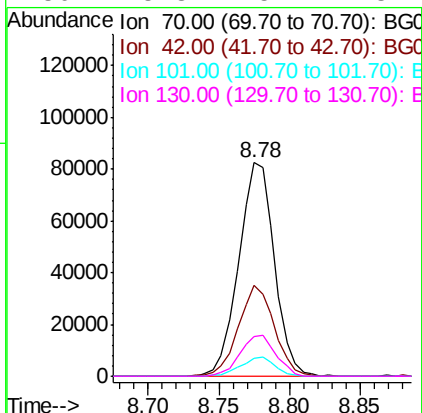
Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.253 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.7	33.2	49.8		
101	8.6	7.8	11.6		
130	18.3	15.4	23.2		



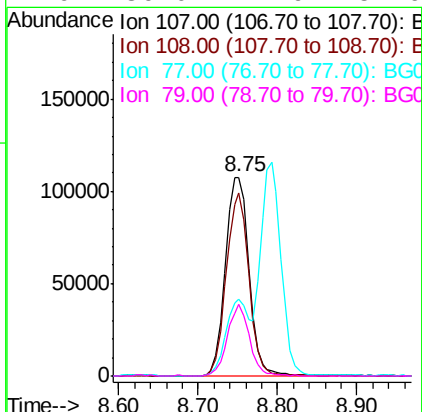
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

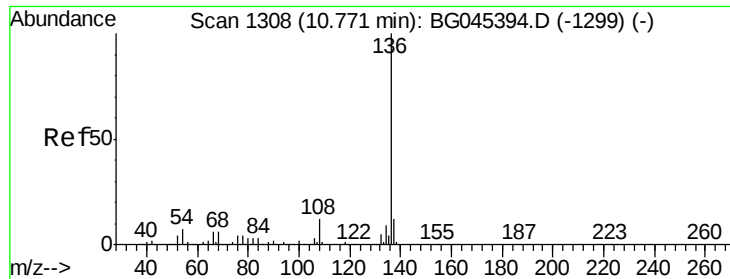
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#20
3+4-Methylphenols
Concen: 40.492 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.1	70.3	110.3		
77	38.7	15.4	55.4		
79	36.0	12.6	52.6		





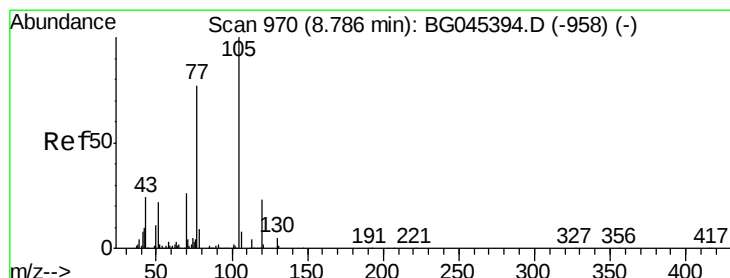
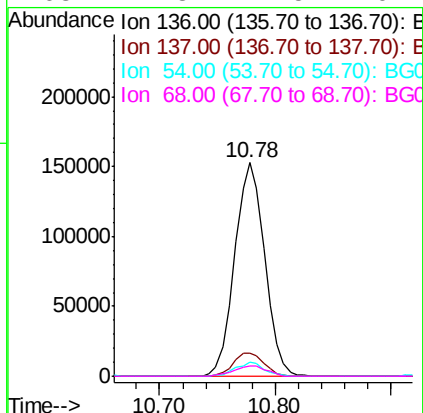
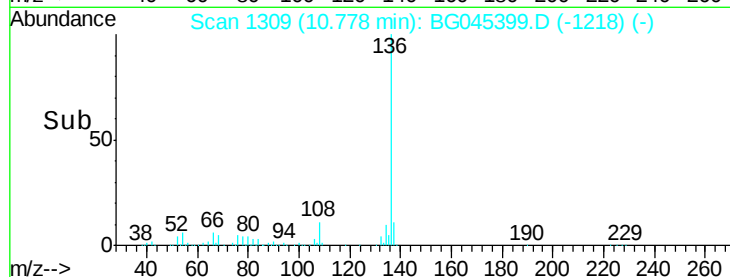
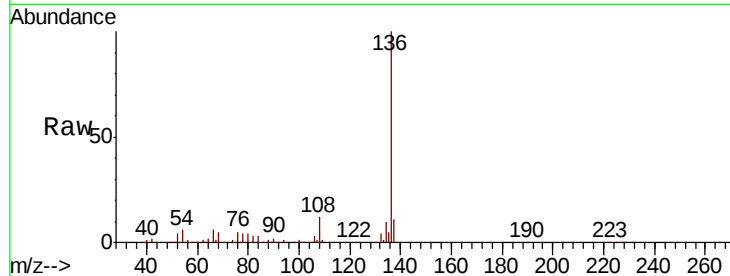
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274139		
137	10.5		9.4	14.2
54	6.4		5.8	8.6
68	4.8		4.5	6.7

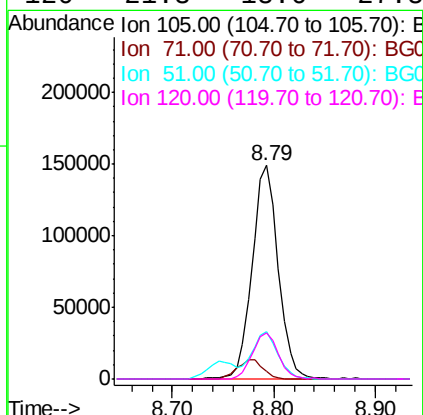
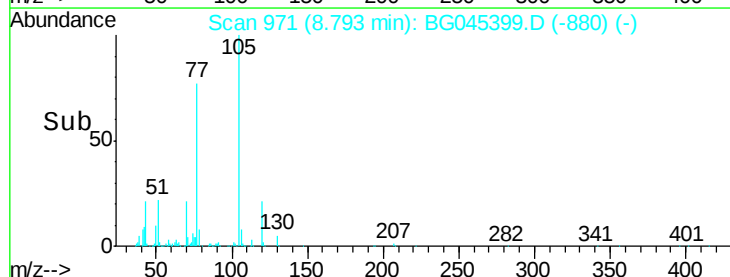
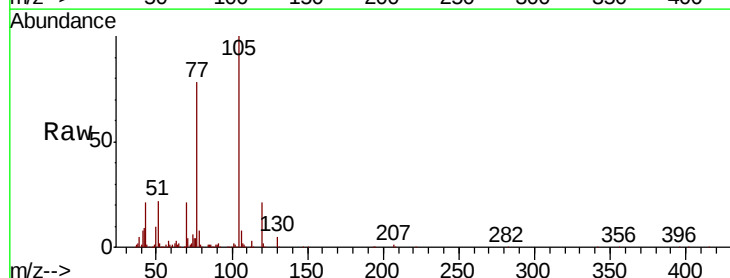
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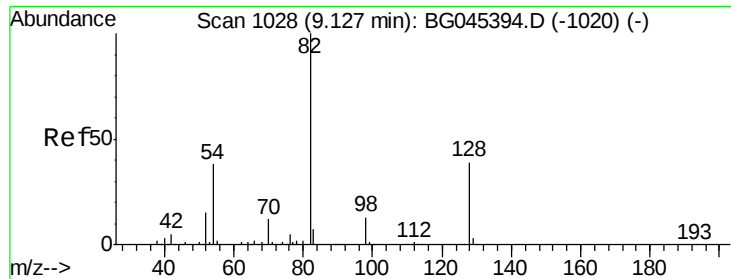
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#22
Acetophenone
Concen: 40.863 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265502		
71	3.8		3.4	5.0
51	21.9		18.2	27.2
120	21.3		18.6	27.8





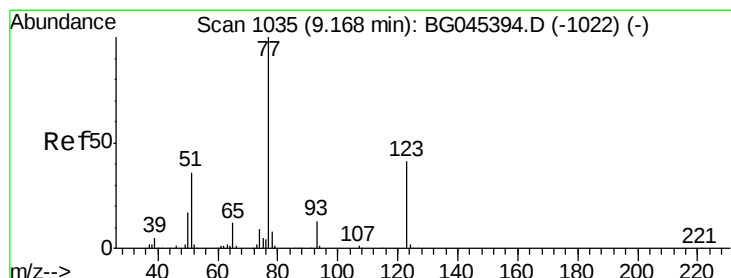
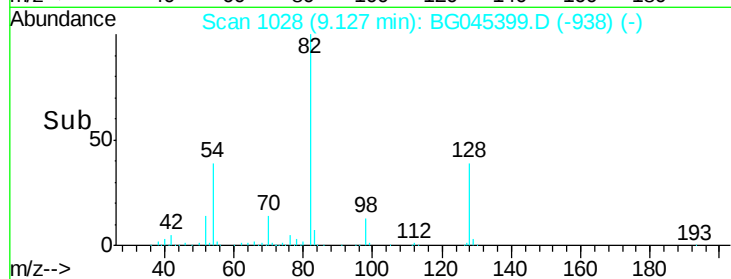
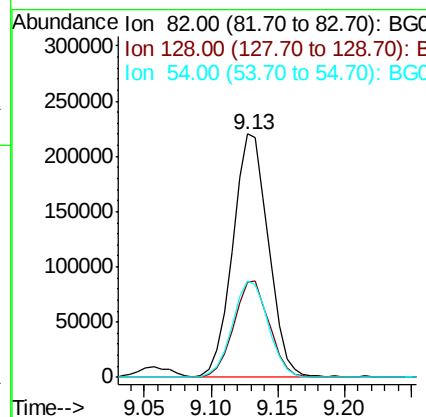
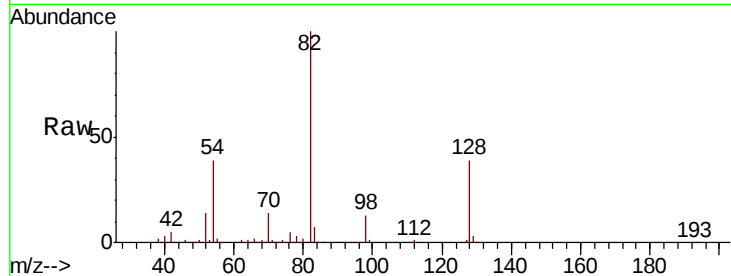
#23
 Nitrobenzene-d5
 Concen: 81.073 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.2	30.9	46.3	
54	39.4	30.3	45.5	

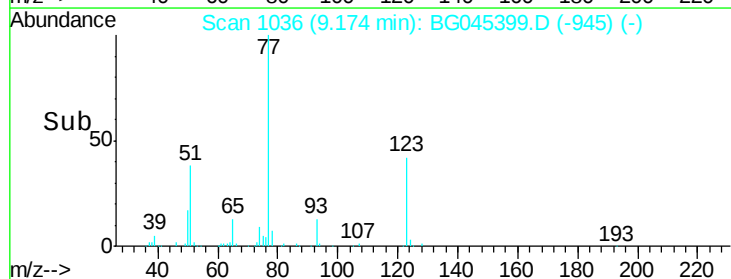
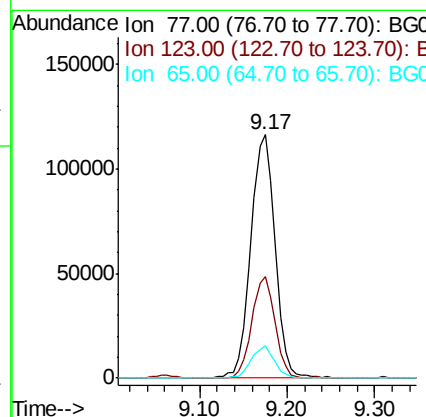
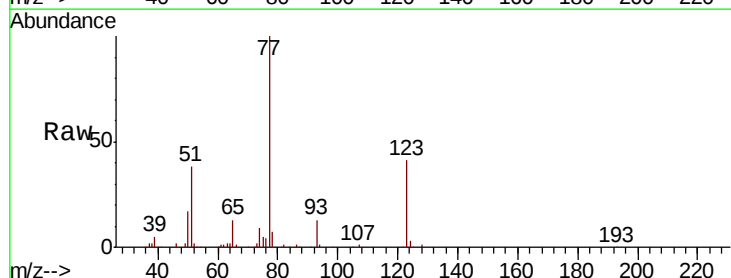
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#24
 Nitrobenzene
 Concen: 40.382 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.5	32.9	49.3	
65	13.3	9.4	14.2	





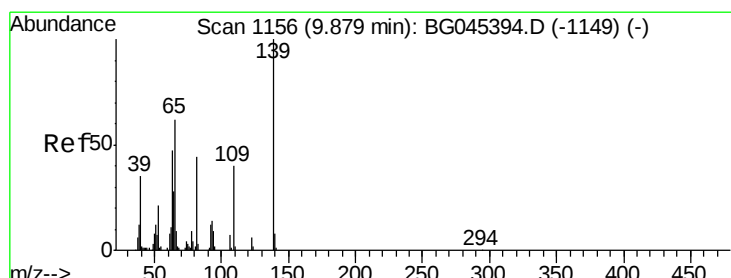
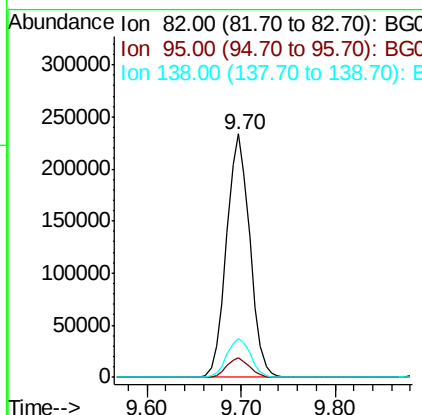
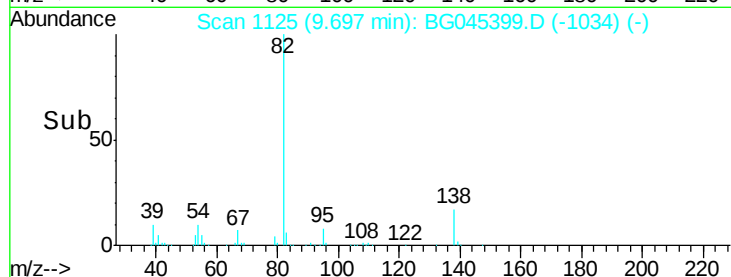
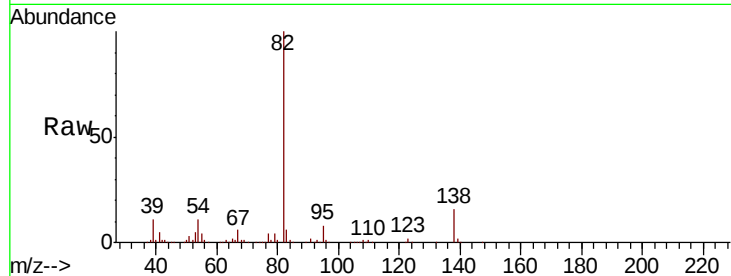
#25
Isophorone
Concen: 40.542 ng
RT: 9.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.7	10.1	
138	16.0	12.2	18.4	

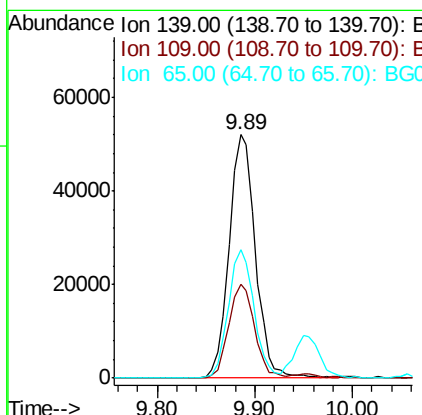
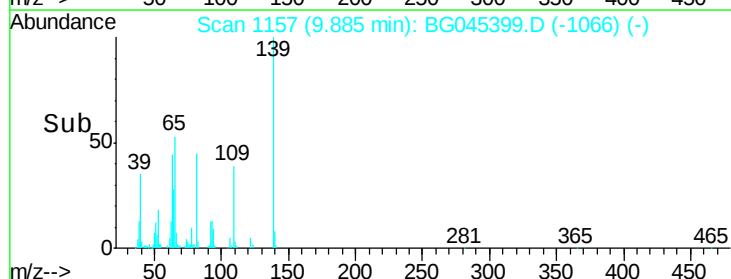
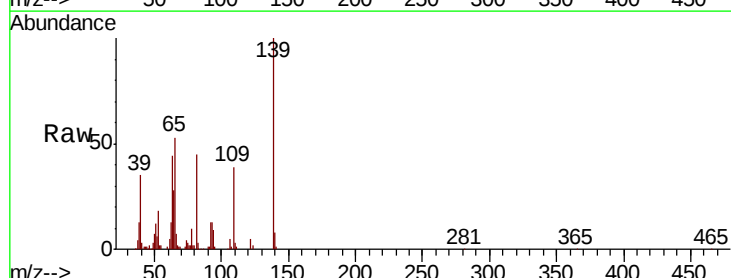
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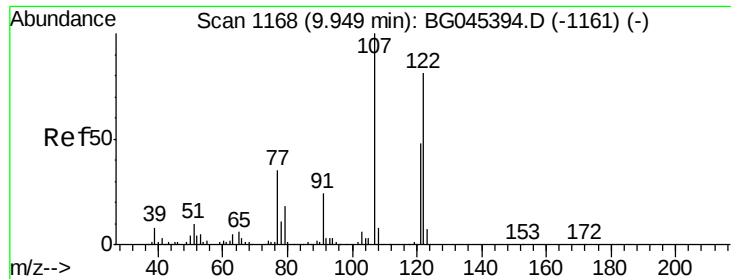
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#26
2-Nitrophenol
Concen: 42.221 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.5	32.2	48.4	
65	52.7	49.6	74.4	





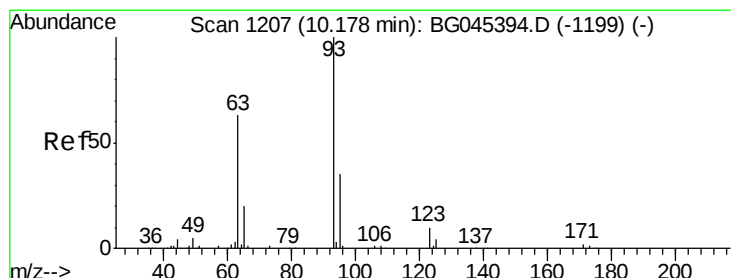
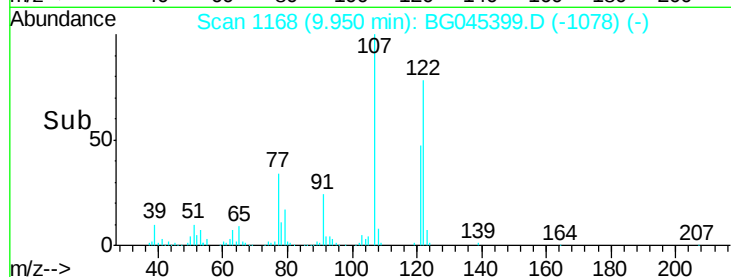
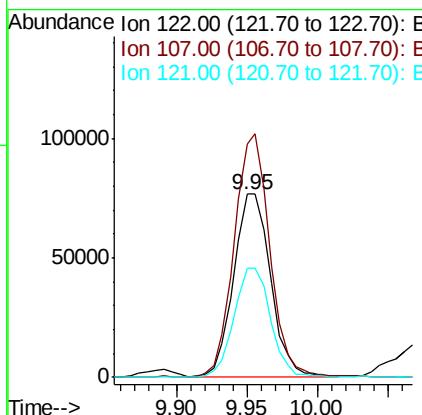
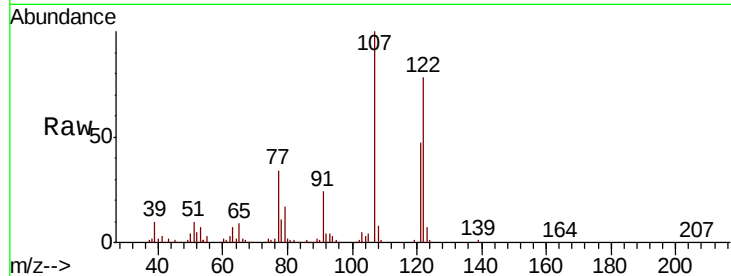
#27
 2,4-Dimethylphenol
 Concen: 40.703 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.6	99.0	148.4
121	59.7	47.7	71.5

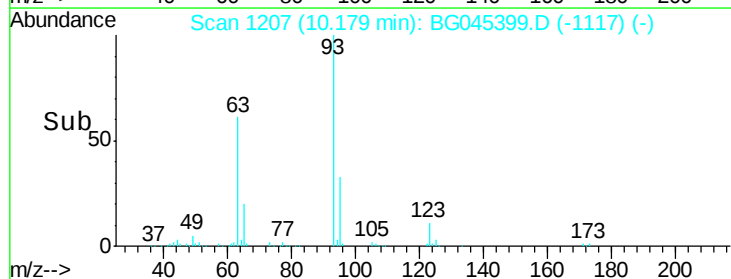
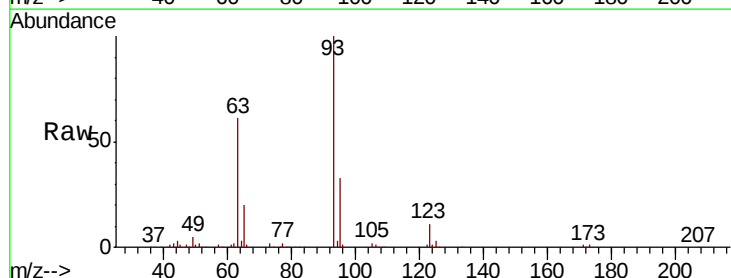
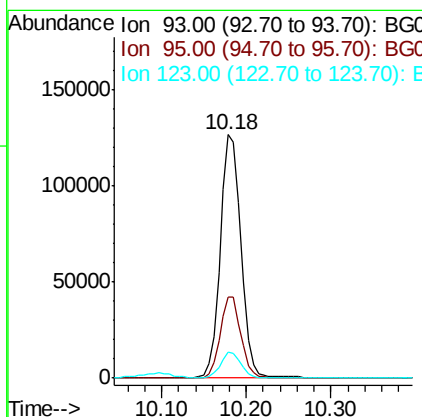
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.436 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.6	41.4
123	10.8	8.1	12.1





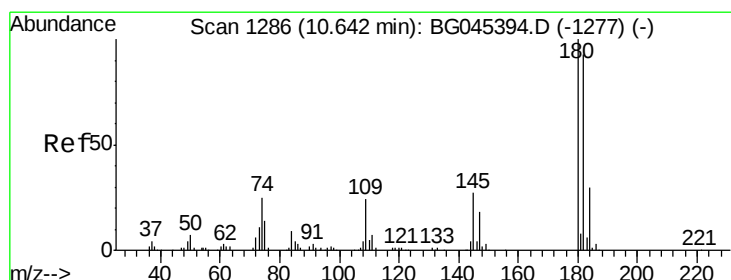
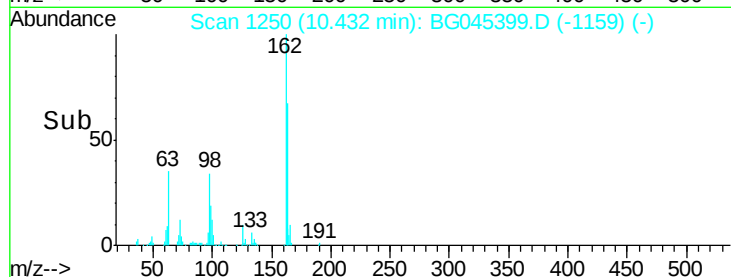
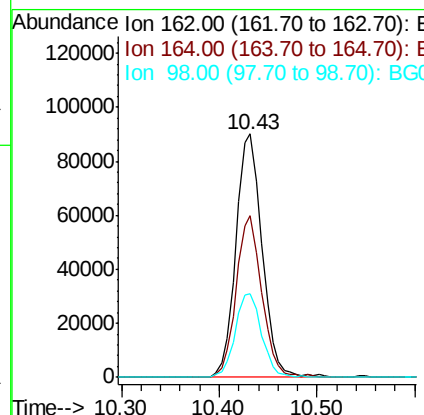
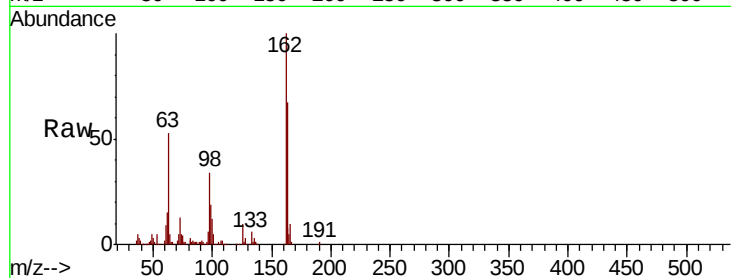
#29
2,4-Dichlorophenol
Concen: 41.691 ng
RT: 10.43 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
162	100	168240		
164	66.5	46.8	86.8	
98	34.5	15.2	55.2	

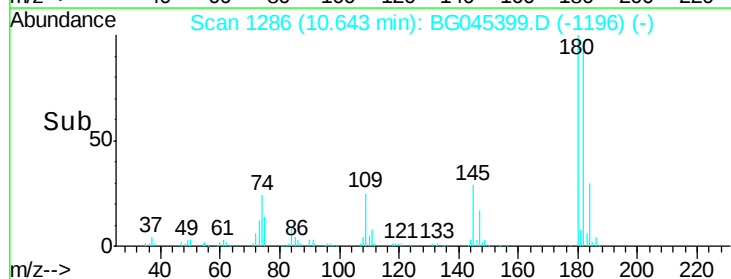
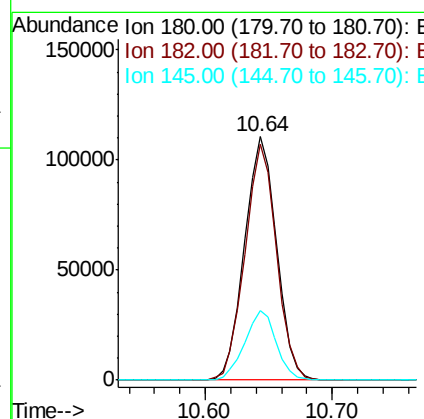
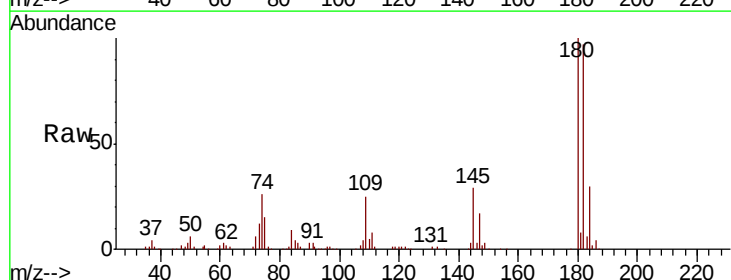
Manual Integrations
APPROVED

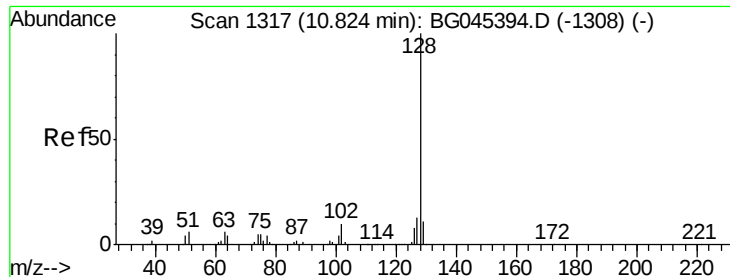
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.625 ng
RT: 10.64 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193719		
182	97.0	74.8	112.2	
145	28.8	21.9	32.9	





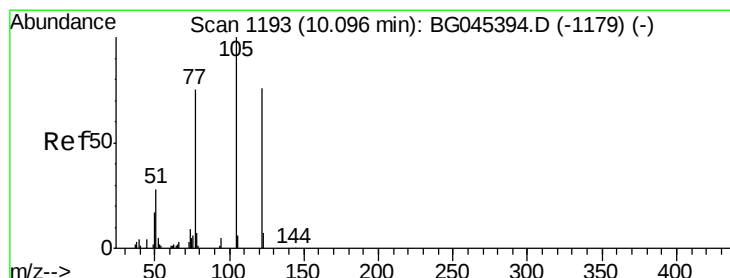
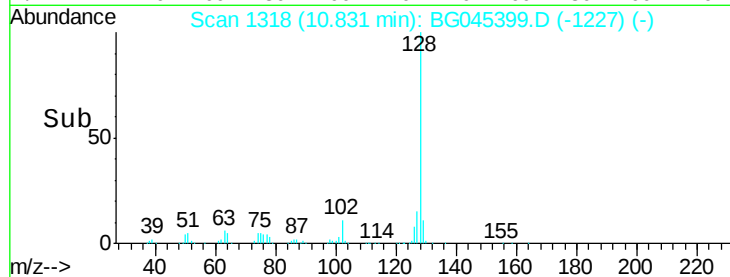
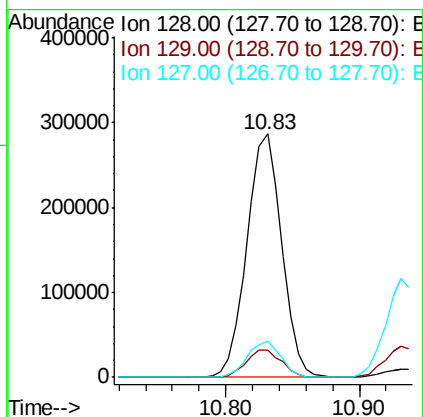
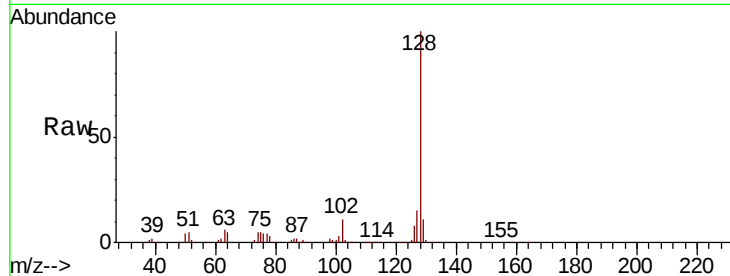
#31
Naphthalene
Concen: 40.336 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion:	128	Resp:	515279
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	14.7	10.7	16.1

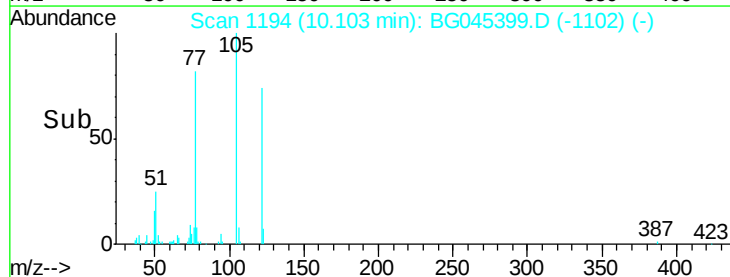
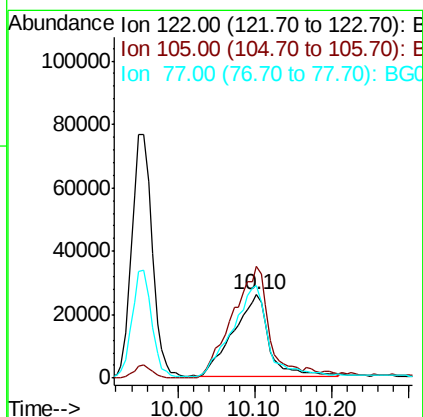
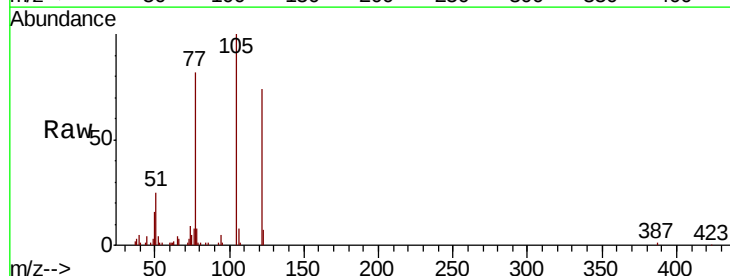
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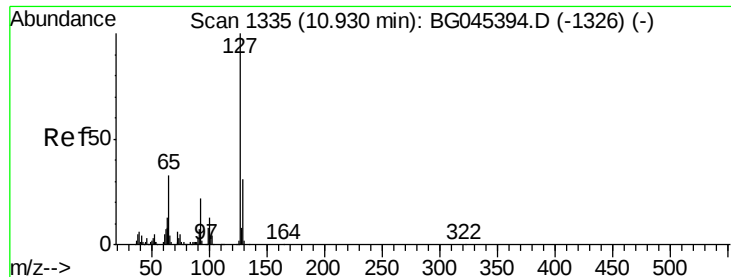
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#32
Benzoic acid
Concen: 38.682 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:	122	Resp:	84189
Ion Ratio	Lower	Upper	
122	100		
105	134.3	107.9	147.9
77	110.6	78.9	118.9





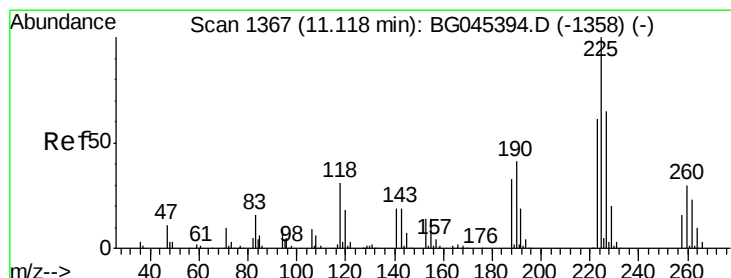
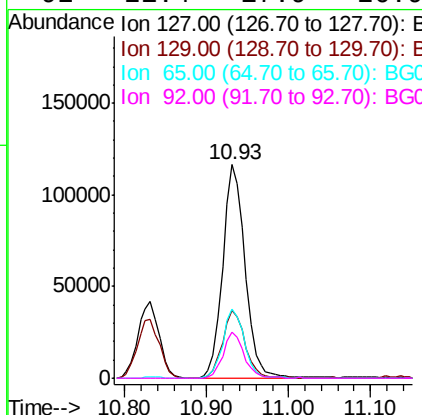
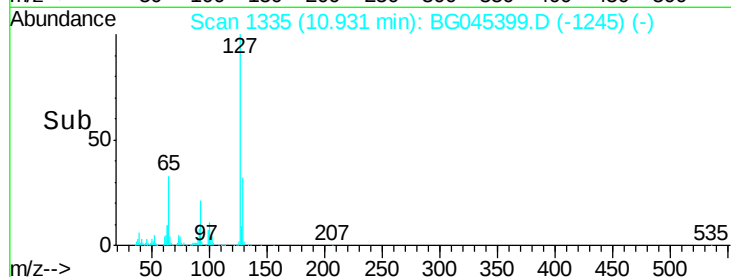
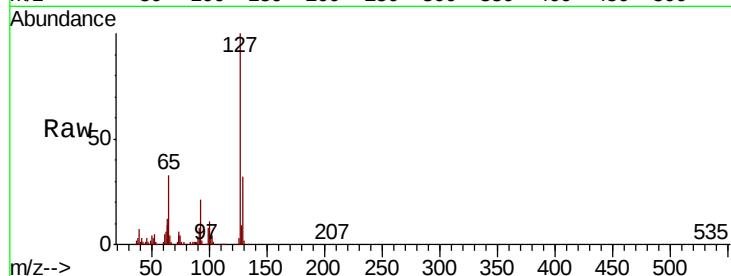
#33
4-Chloroaniline
Concen: 41.526 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	24.7	37.1		
65	32.5	26.2	39.2		
92	21.4	17.9	26.9		

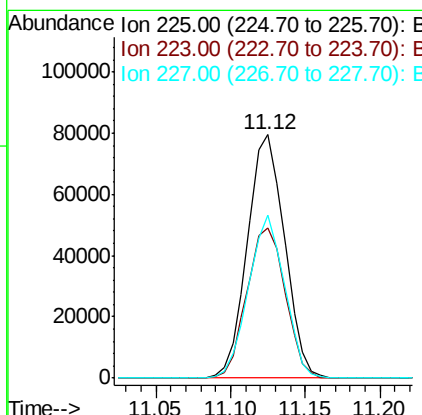
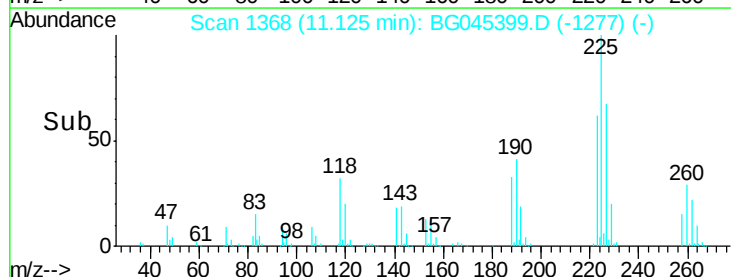
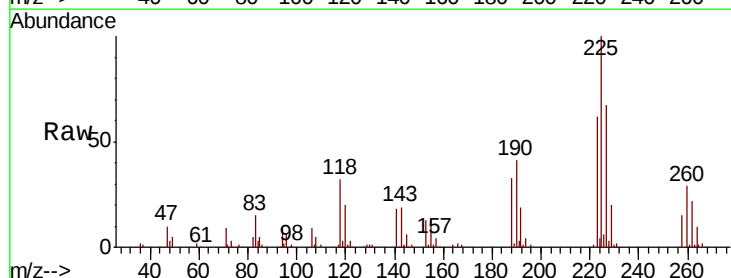
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#34
Hexachlorobutadiene
Concen: 40.540 ng
RT: 11.12 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.1	73.7		
227	67.1	52.0	78.0		





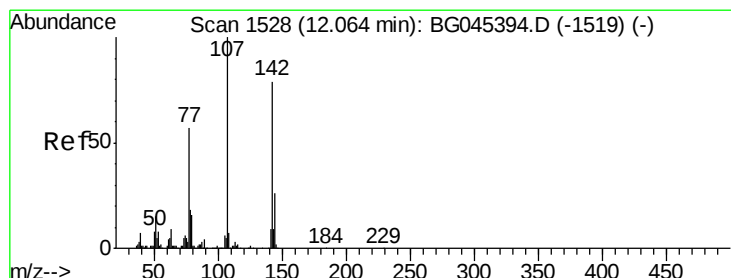
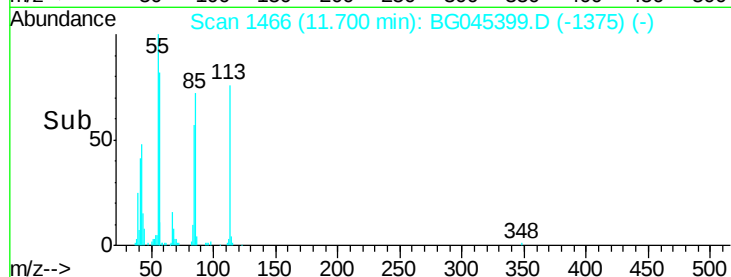
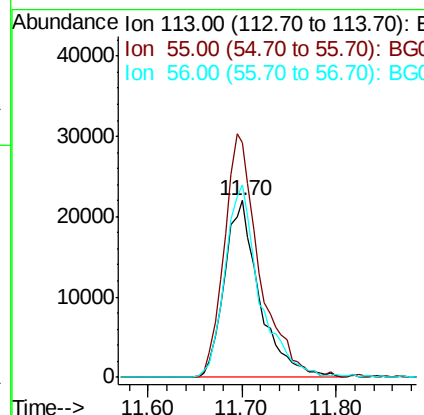
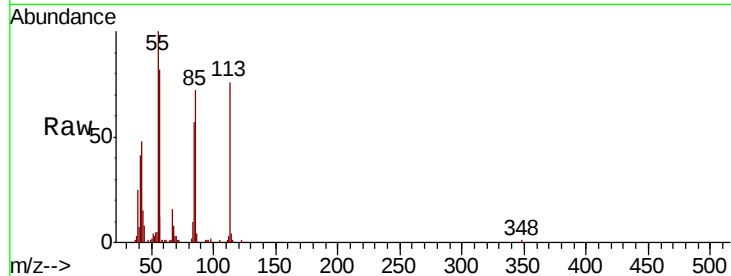
#35
 Caprolactam
 Concen: 38.602 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
113	100	57177		
55	132.4	96.0	136.0	
56	108.7	75.1	115.1	

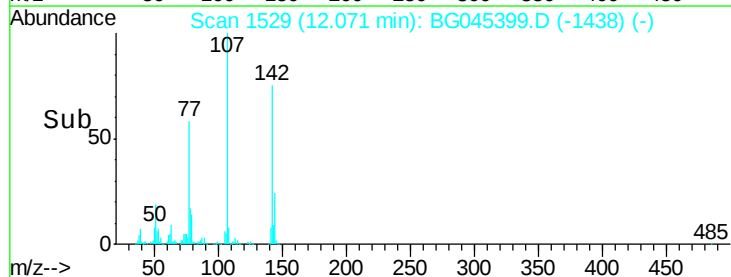
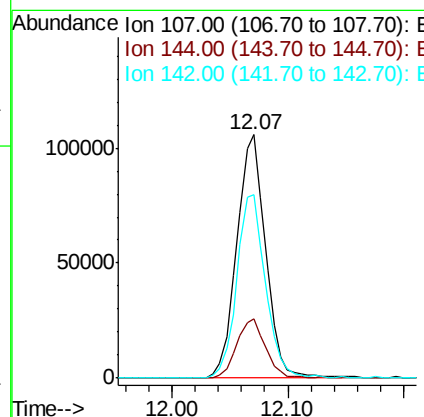
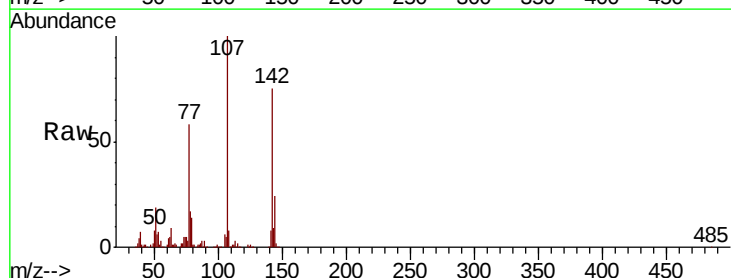
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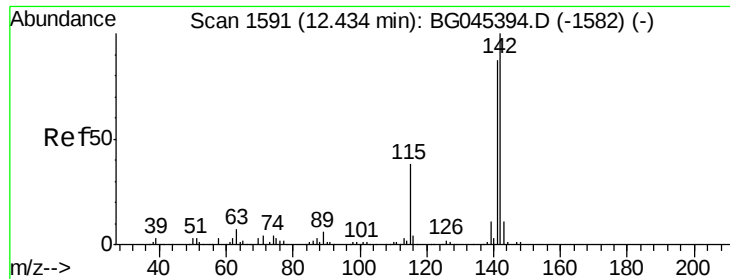
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#36
 4-Chloro-3-methylphenol
 Concen: 40.225 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	182913		
144	24.4	20.8	31.2	
142	75.1	62.8	94.2	





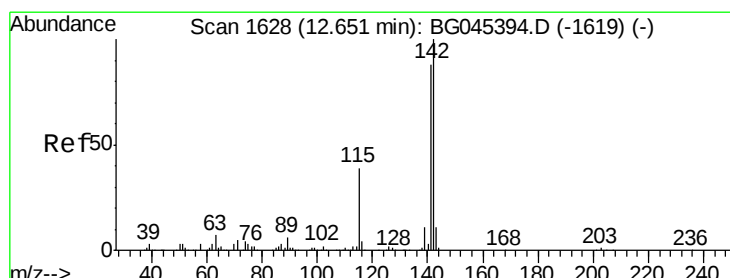
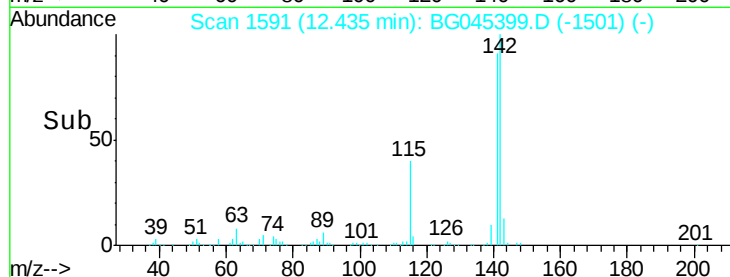
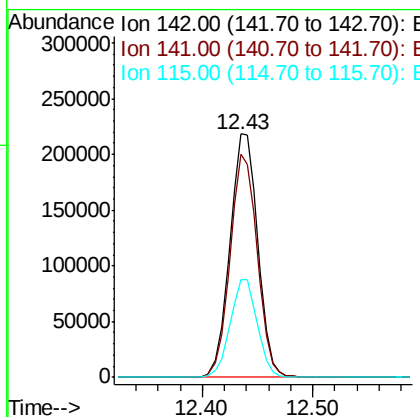
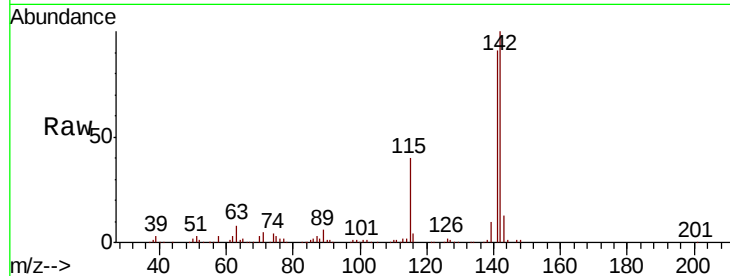
#37
2-Methylnaphthalene
Concen: 40.731 ng
RT: 12.43 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.0	105.0
115	40.2	30.8	46.2

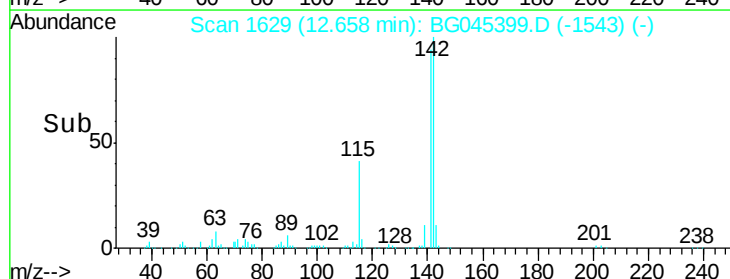
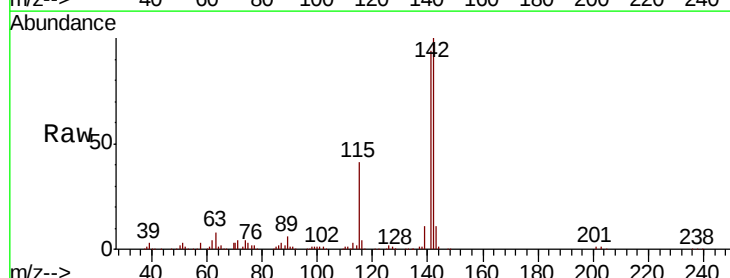
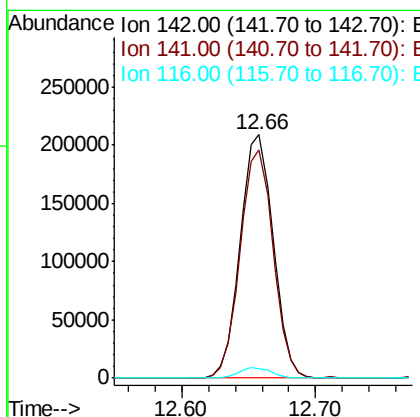
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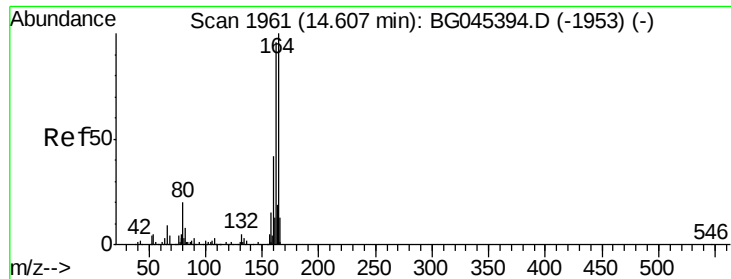
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#38
1-Methylnaphthalene
Concen: 39.592 ng
RT: 12.66 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.8	106.2
116	4.0	3.0	4.6





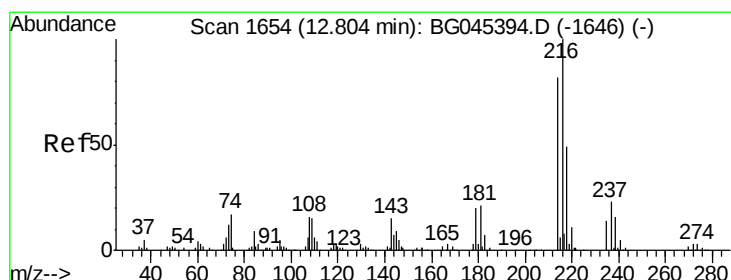
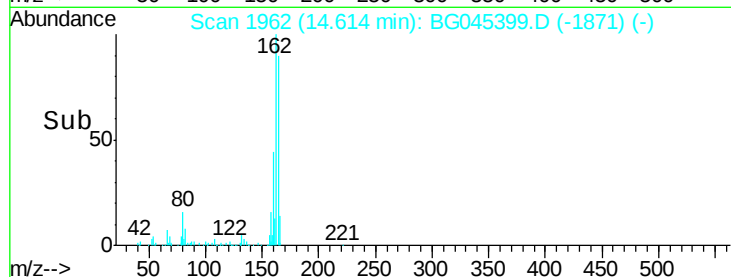
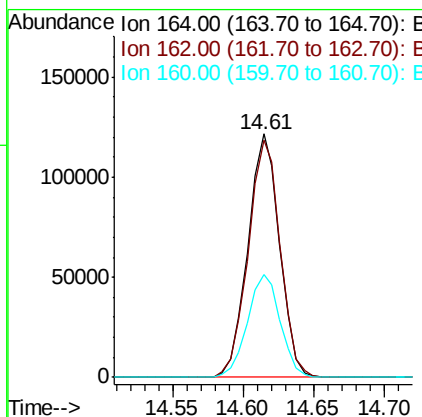
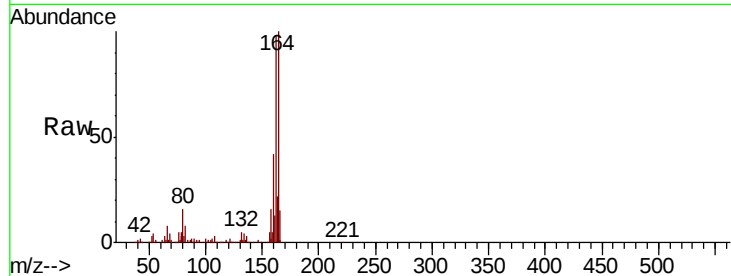
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	76.9	115.3
160	42.4	33.8	50.8

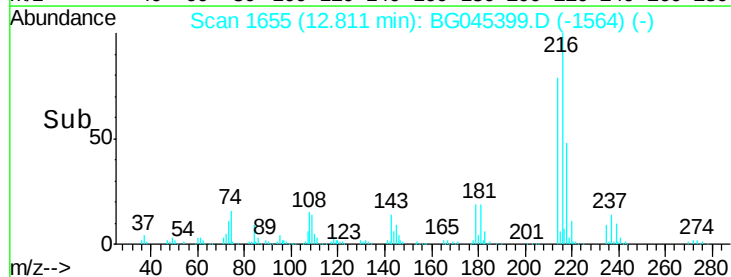
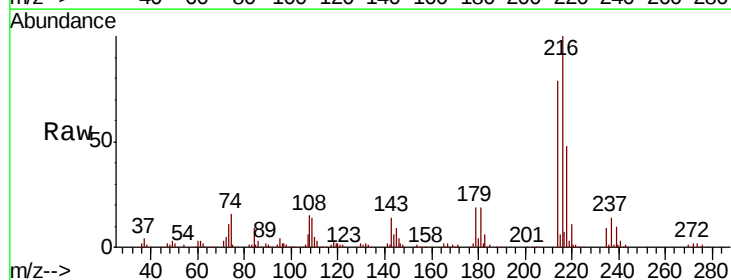
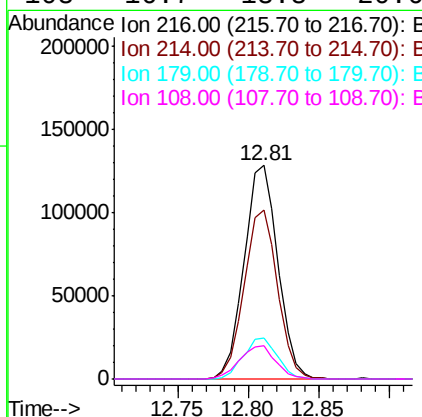
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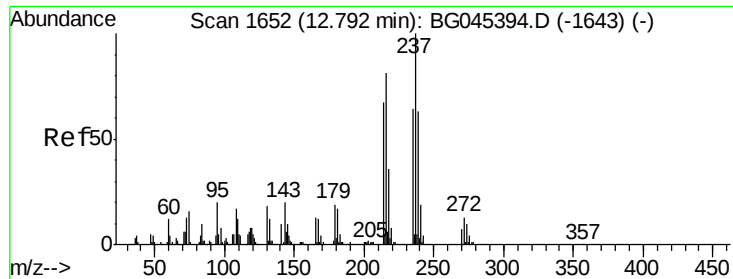
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.571 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.7	95.5
179	19.1	16.1	24.1
108	16.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 41.270 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

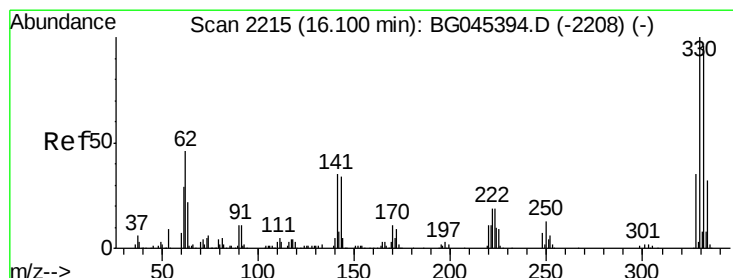
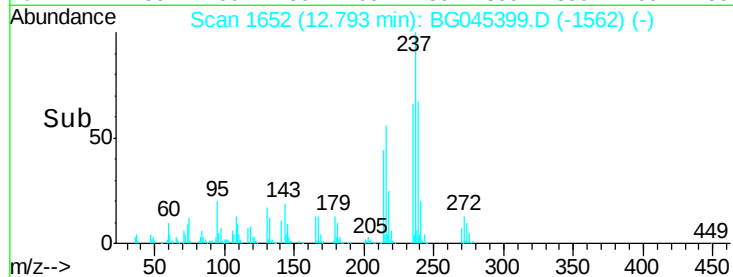
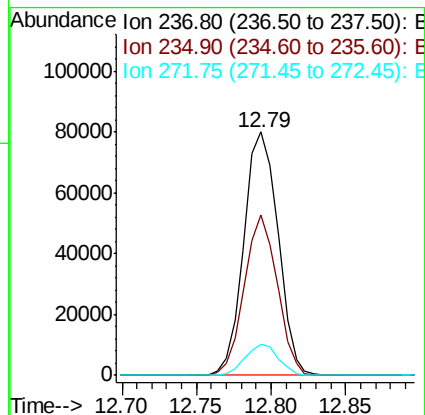
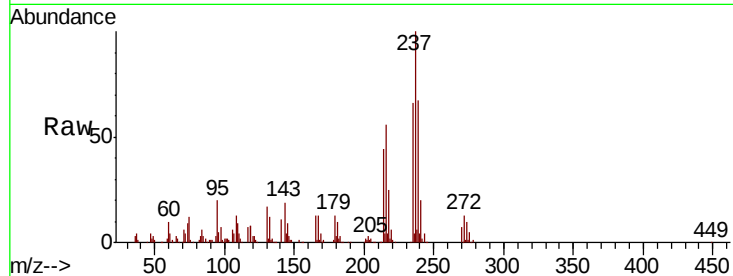
ClientSampleId :

ICVBG051520

Tot Ion:	237	Resp:	126632
Ion Ratio	Lower	Upper	
237	100		
235	66.0	44.4	84.4
272	12.9	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 77.405 ng

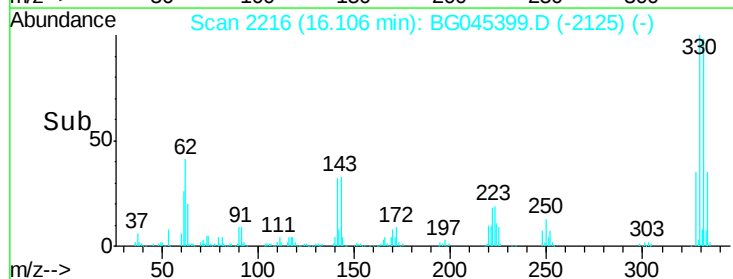
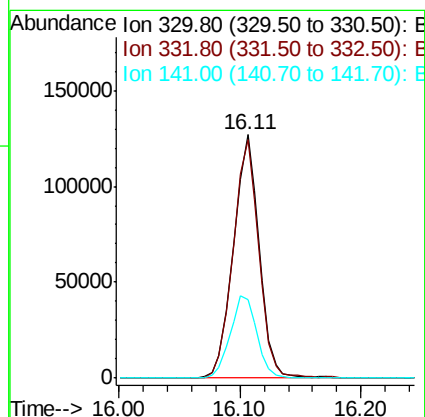
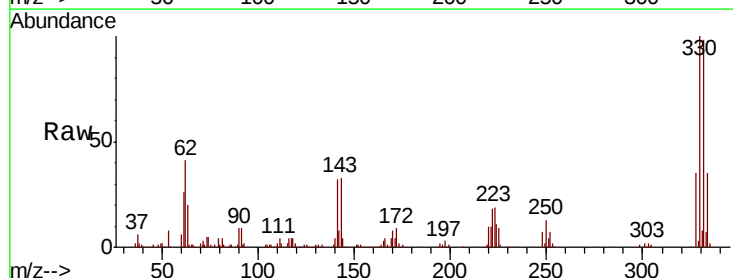
RT: 16.11 min Scan# 2216

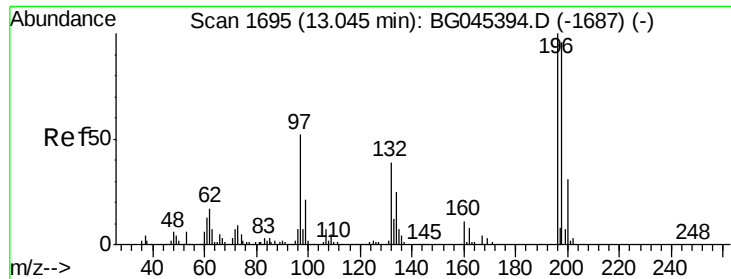
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	330	Resp:	188408
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.2	117.4
141	34.8	28.2	42.4





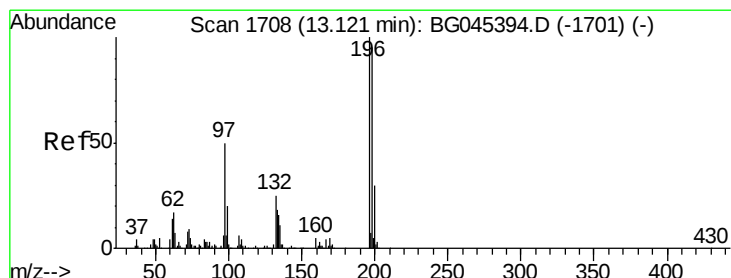
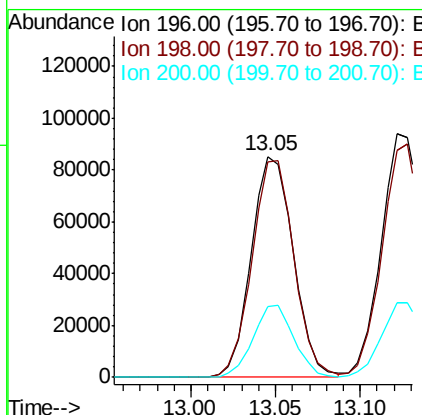
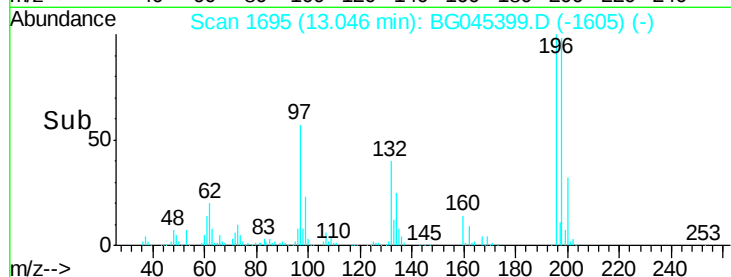
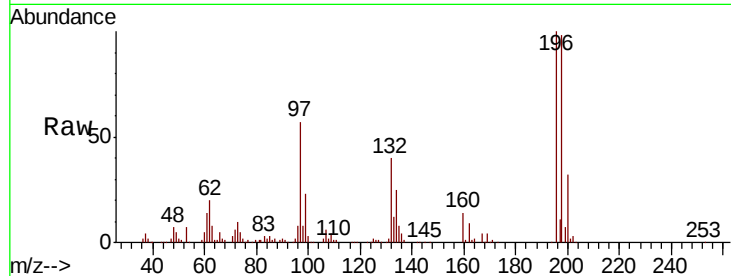
#43
 2,4,6-Trichlorophenol
 Concen: 39.870 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion:	196	Resp:	147237
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.7	115.1
200	31.8	24.9	37.3

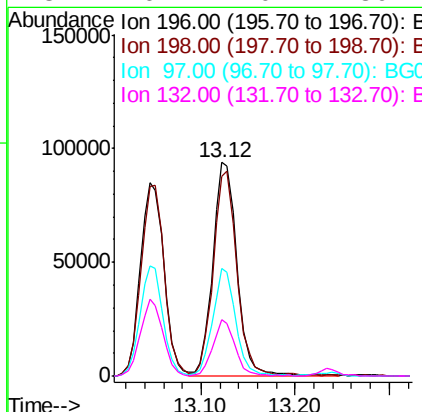
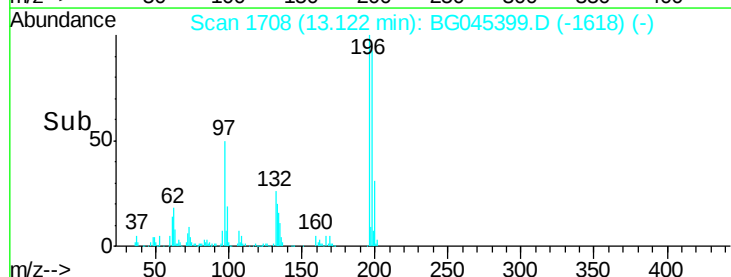
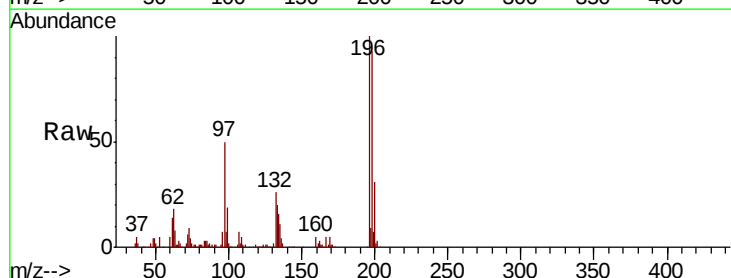
Manual Integrations
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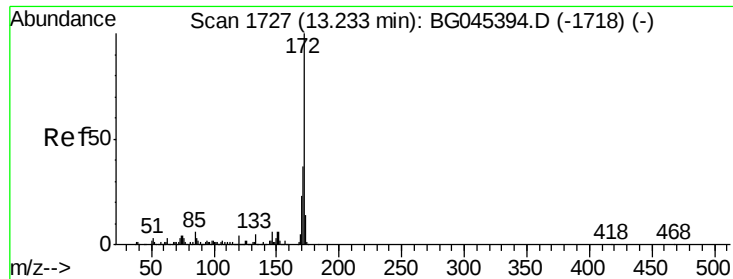
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#44
 2,4,5-Trichlorophenol
 Concen: 40.398 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:	196	Resp:	170480
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.1	114.1
97	50.2	40.0	60.0
132	26.2	20.2	30.2





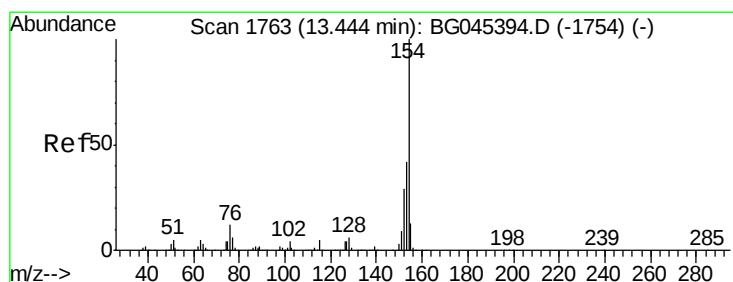
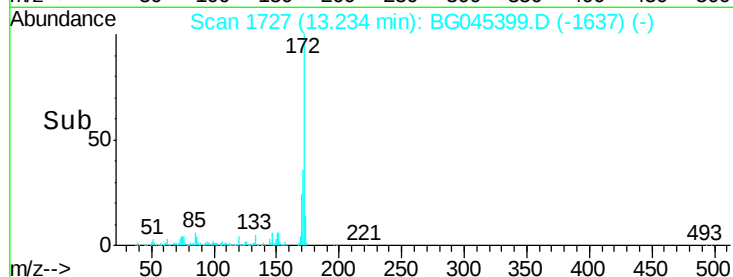
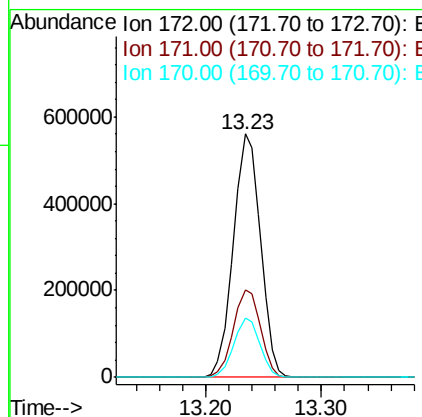
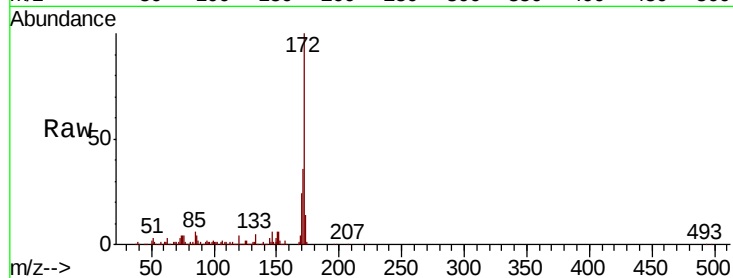
#45
2-Fluorobiphenyl
Concen: 81.191 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	24.2	18.5	27.7

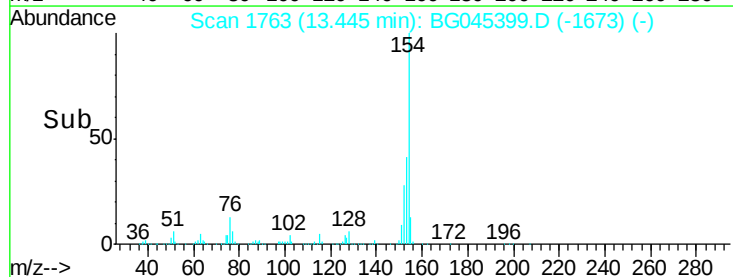
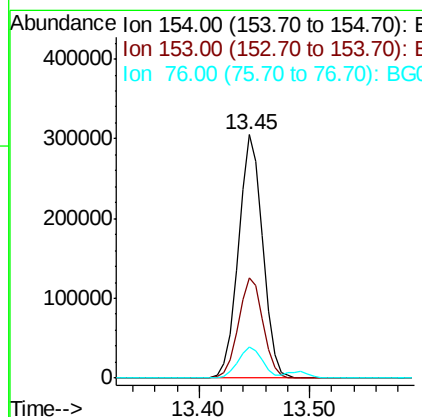
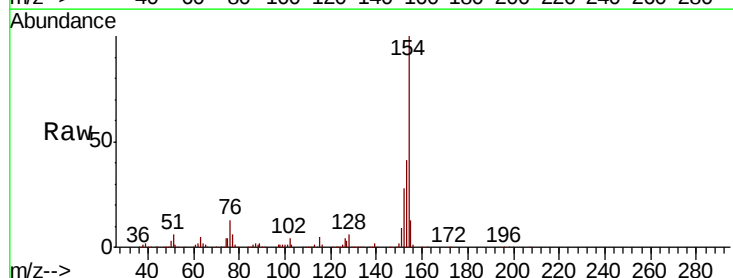
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#46
1,1'-Biphenyl
Concen: 40.230 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.2	62.2
76	12.7	0.0	32.4





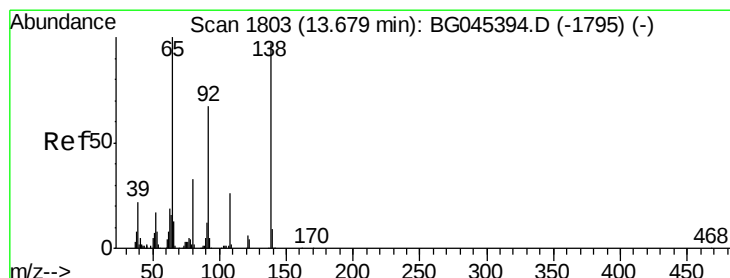
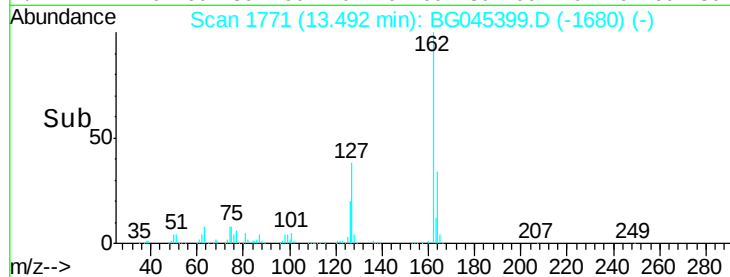
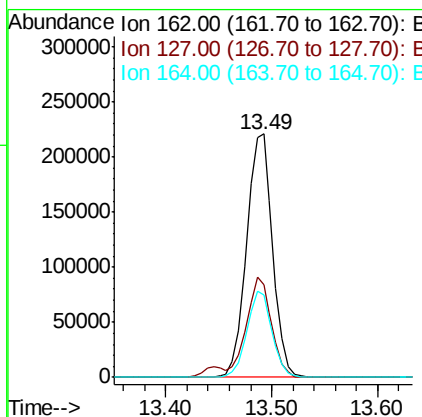
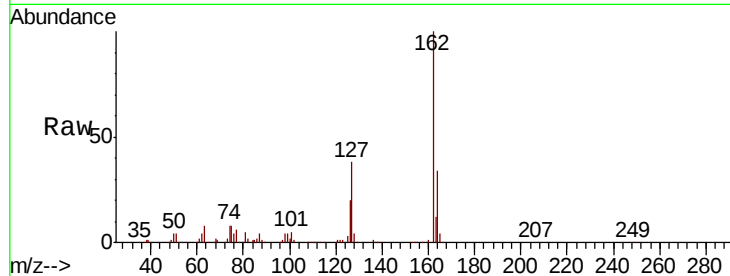
#47
2-Chloronaphthalene
Concen: 39.689 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.6	47.4
164	34.1	28.1	42.1

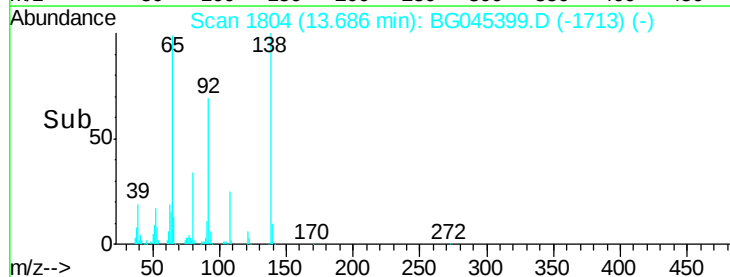
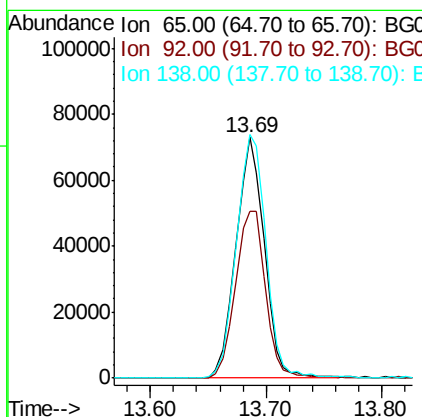
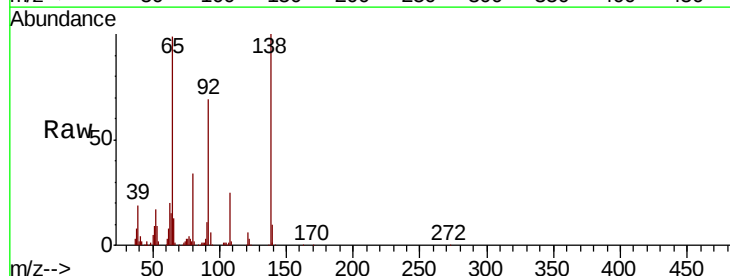
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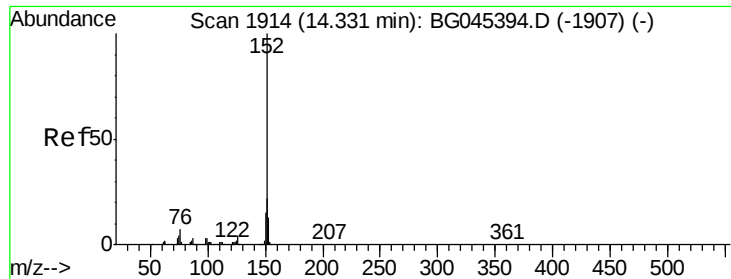
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#48
2-Nitroaniline
Concen: 39.798 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.8	80.8
138	101.2	77.9	116.9





#49

Acenaphthylene

Concen: 39.751 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

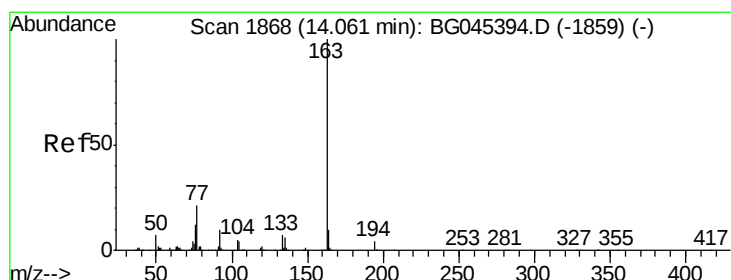
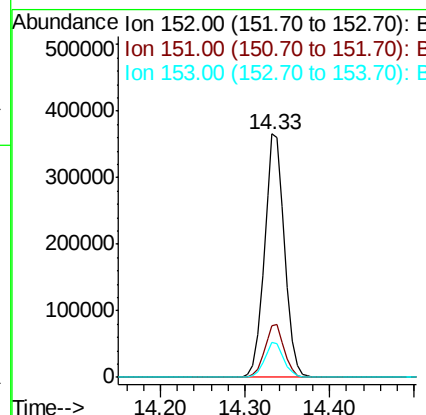
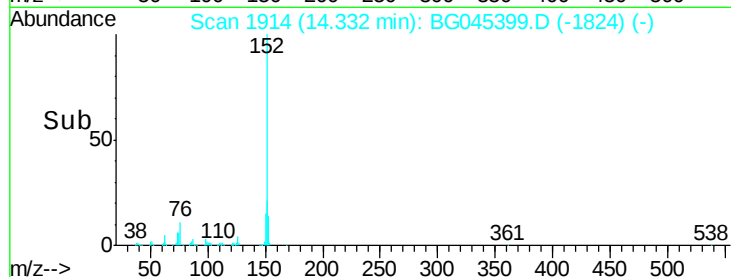
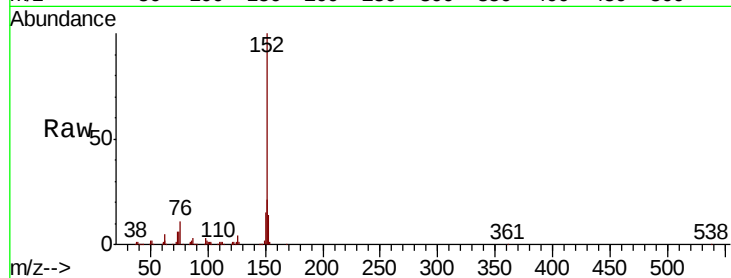
ClientSampleId :

ICVBG051520

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.2
153	14.1	10.7	16.1

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#50

Dimethylphthalate

Concen: 39.009 ng

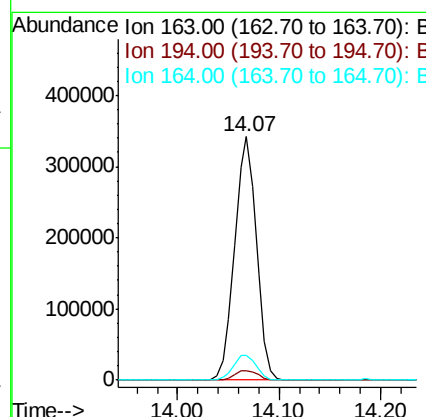
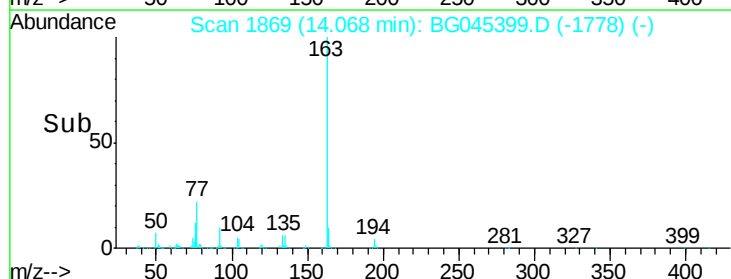
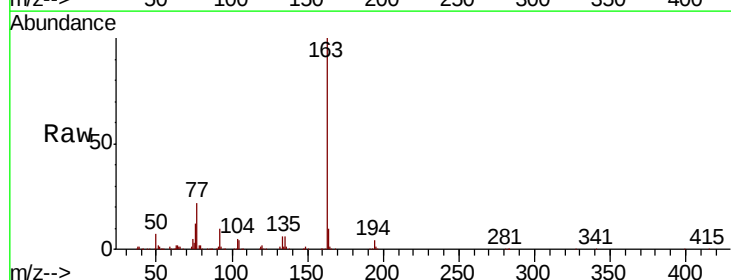
RT: 14.07 min Scan# 1869

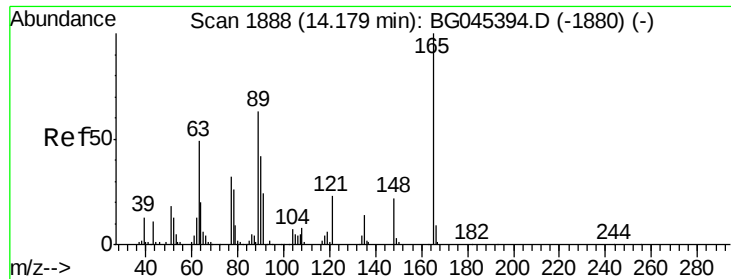
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.4	8.3	12.5





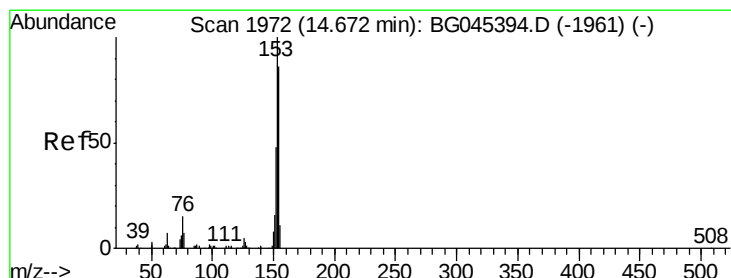
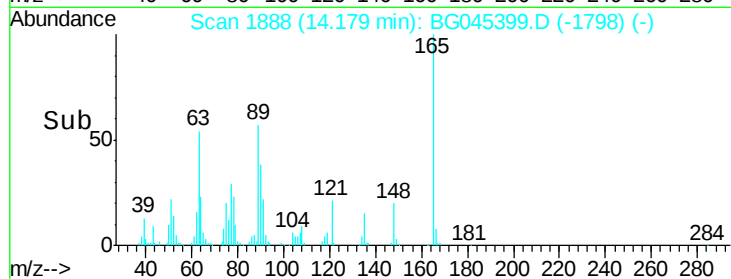
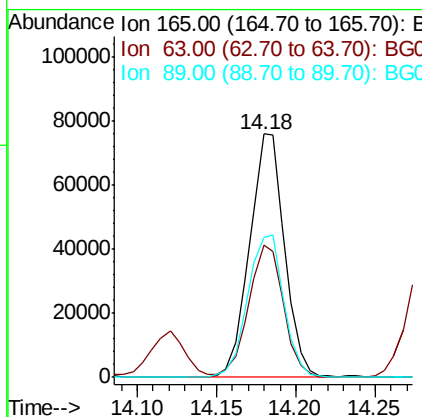
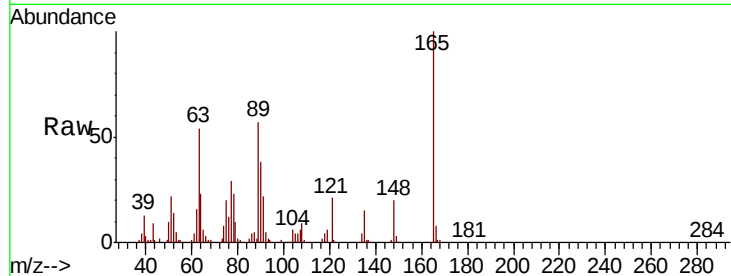
#51
 2,6-Dinitrotoluene
 Concen: 39.506 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion:	165	Resp:	116390
Ion Ratio	Lower	Upper	
165	100		
63	54.3	45.0	67.4
89	57.4	50.2	75.4

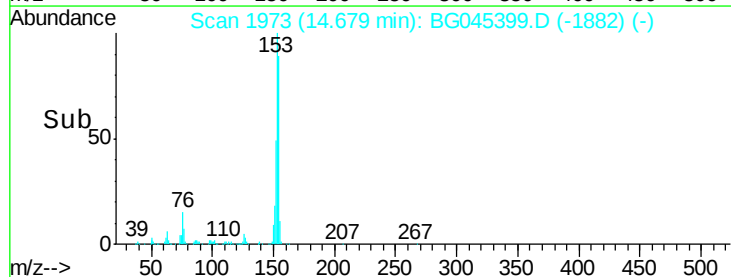
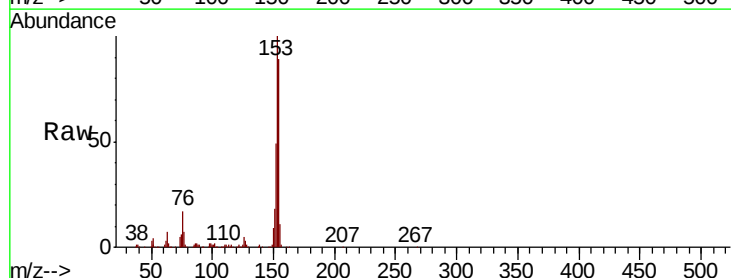
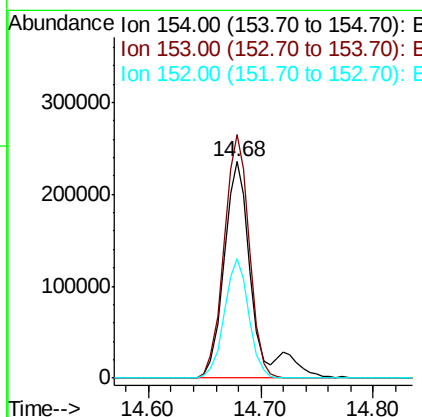
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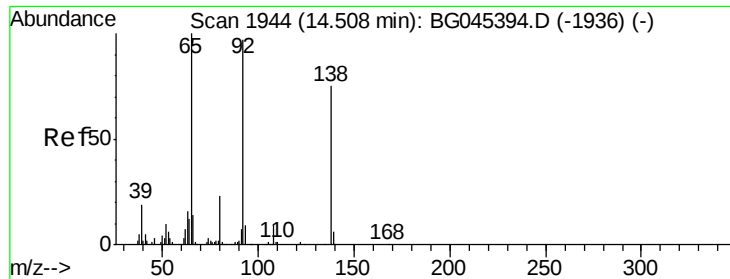
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#52
 Acenaphthene
 Concen: 40.270 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:	154	Resp:	411182
Ion Ratio	Lower	Upper	
154	100		
153	112.5	92.8	139.2
152	55.0	44.6	66.8





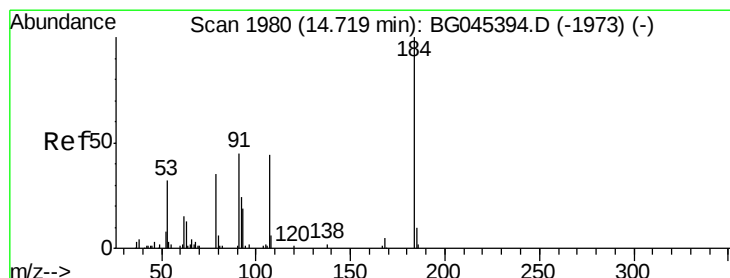
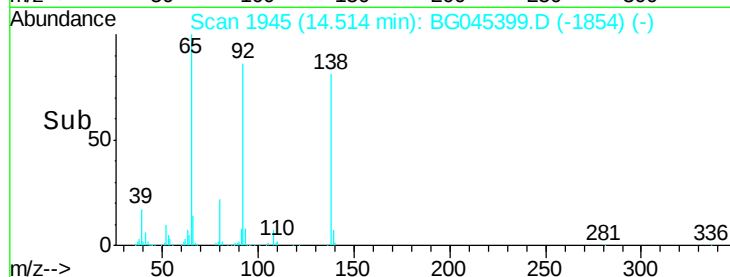
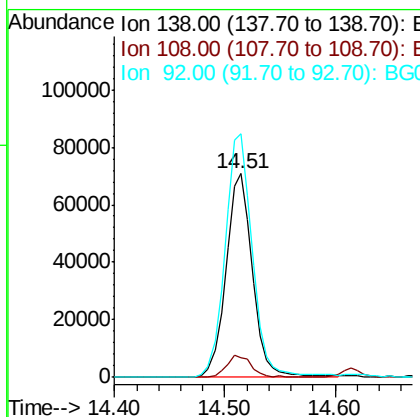
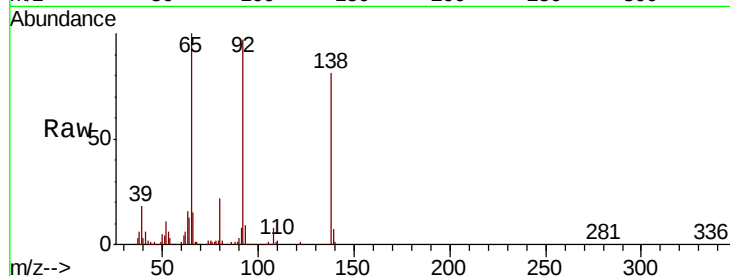
#53
3-Nitroaniline
Concen: 39.772 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.8	14.6#
92	119.5	103.0	154.4

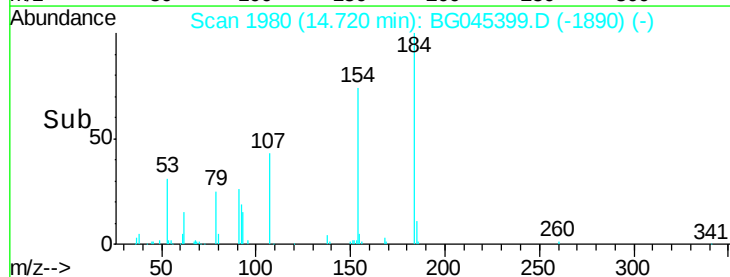
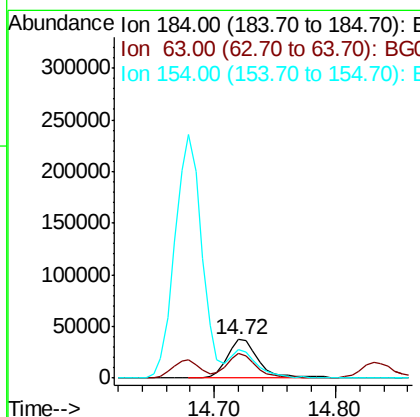
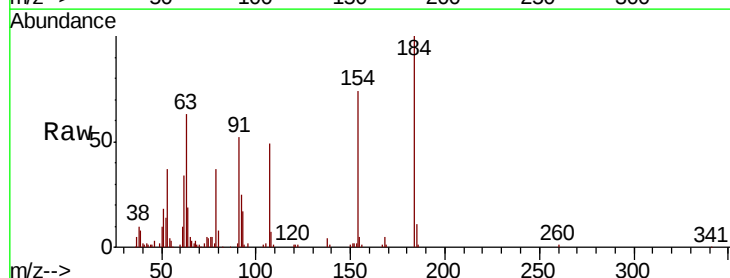
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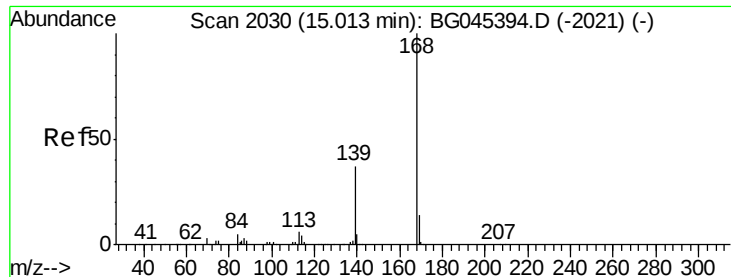
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#54
2,4-Dinitrophenol
Concen: 38.511 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	47.8	71.6
154	74.4	58.3	87.5





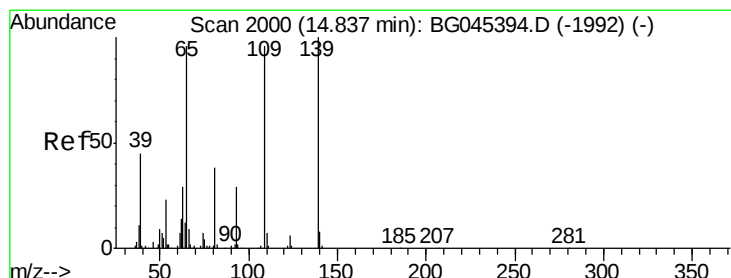
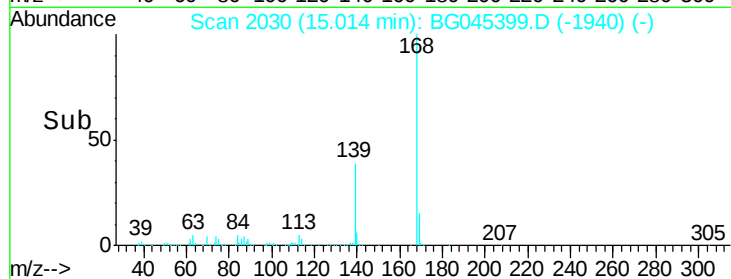
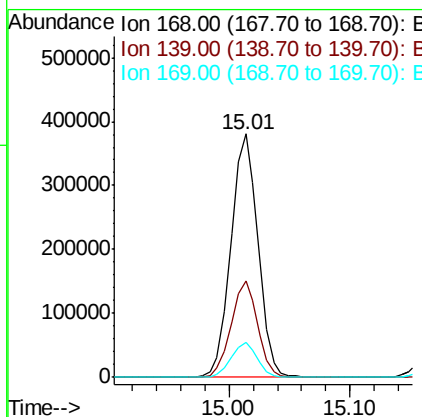
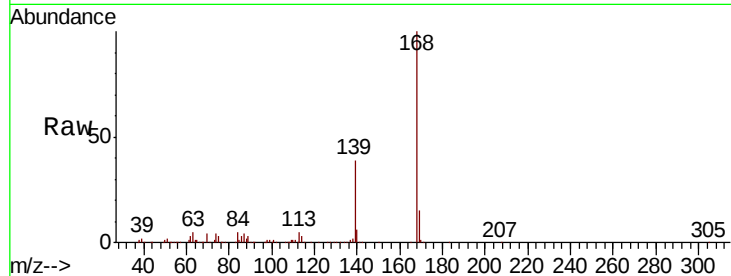
#55
Dibenzenofuran
Concen: 39.053 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.9	44.9
169	14.6	10.9	16.3

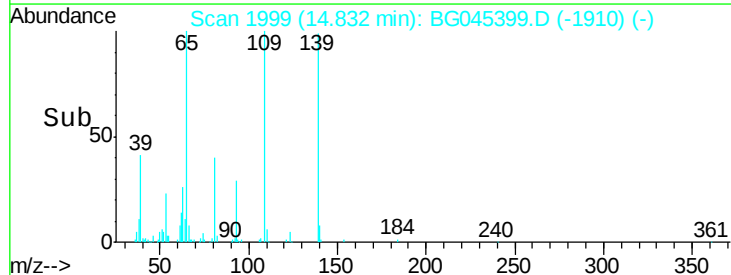
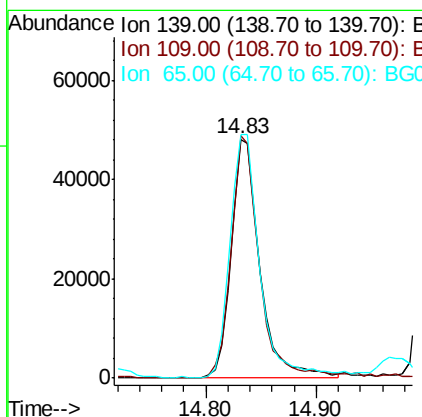
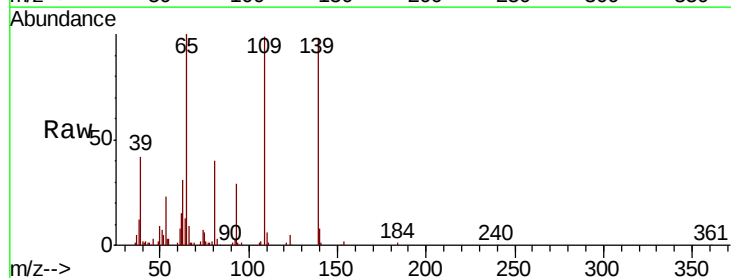
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#56
4-Nitrophenol
Concen: 38.788 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.3	75.6	115.6
65	102.0	76.8	116.8





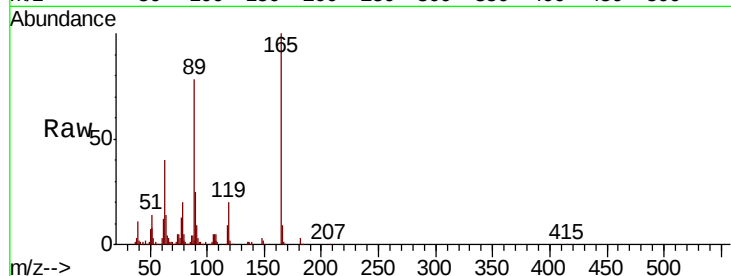
#57
2,4-Dinitrotoluene
Concen: 39.498 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

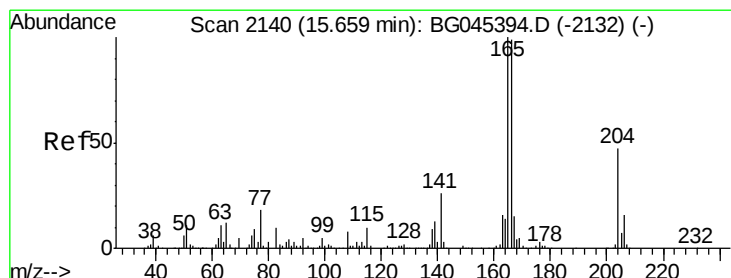
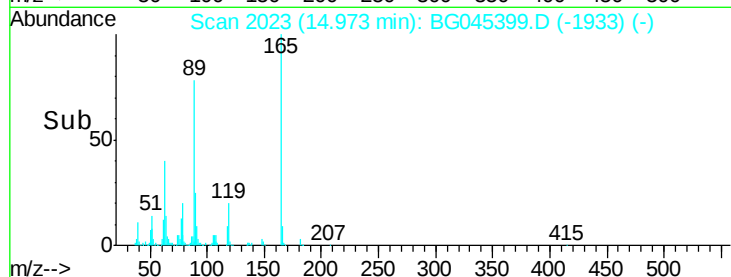
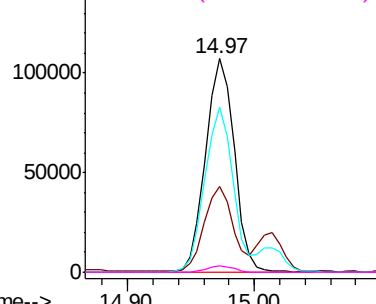
Tot Ion	Ratio	Resp	Lower	Upper
165	100	168530		
63	40.3	32.5	48.7	
89	77.6	61.8	92.6	
182	3.0	2.3	3.5	

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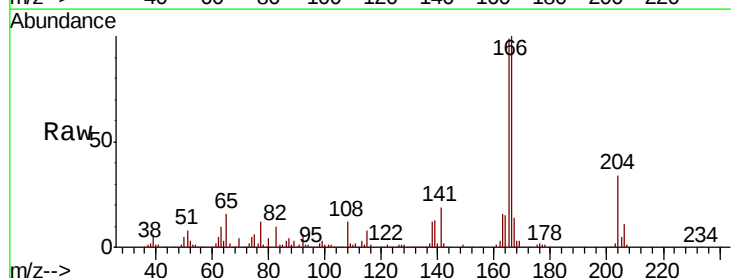


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

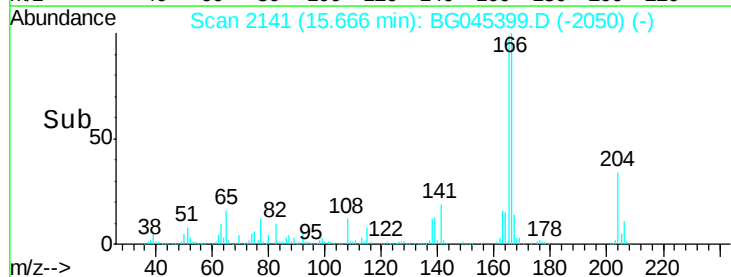
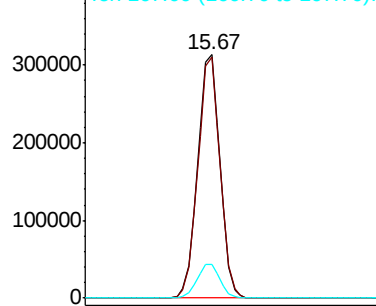


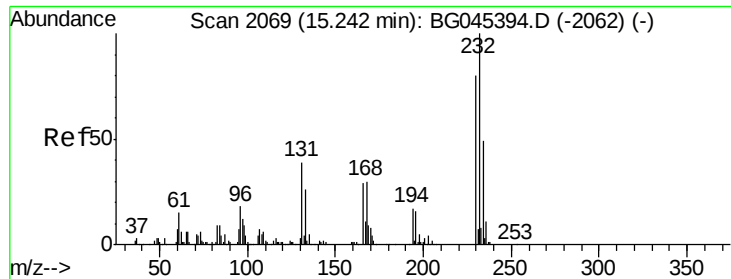
#58
Fluorene
Concen: 39.809 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	495907		
165	99.2	80.8	121.2	
167	13.7	12.0	18.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





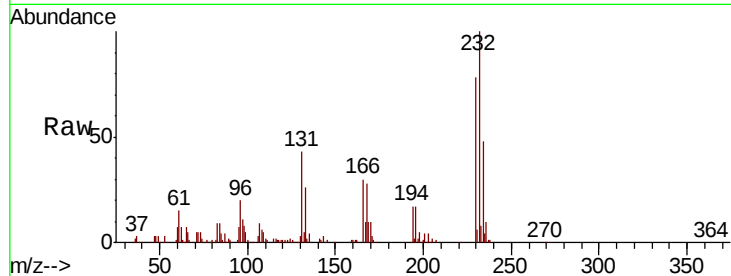
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.010 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

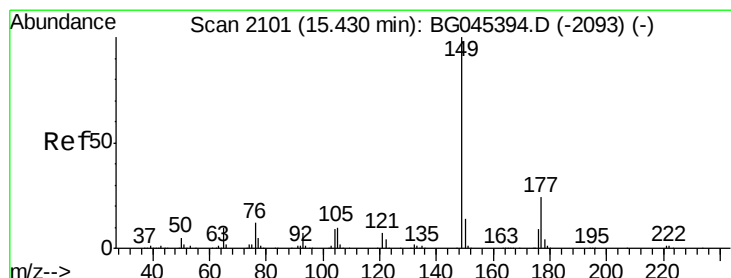
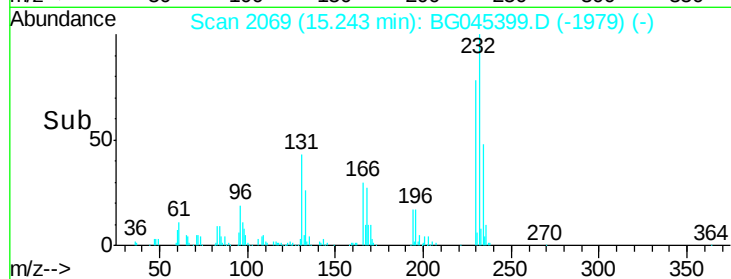
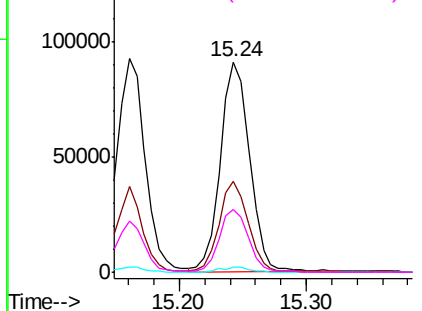
Tot Ion	Ratio	Resp	Lower	Upper
232	100	144832		
131	44.0	33.7	50.5	
130	2.5	2.1	3.1	
166	30.5	23.2	34.8	

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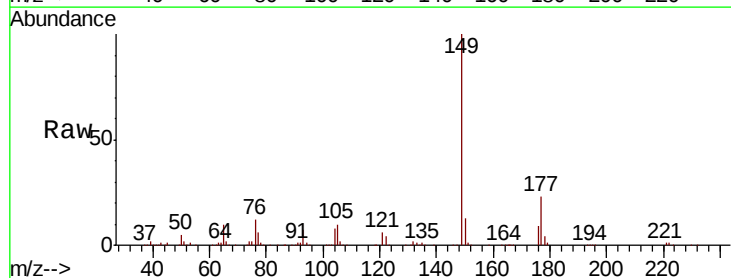


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

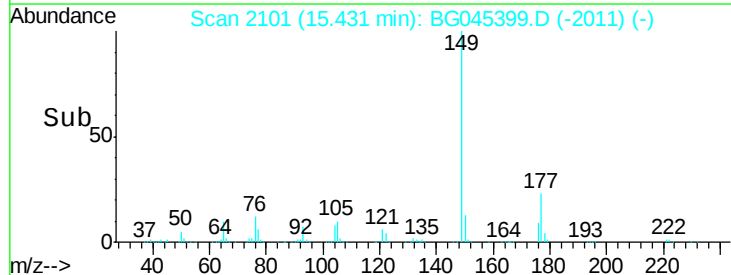
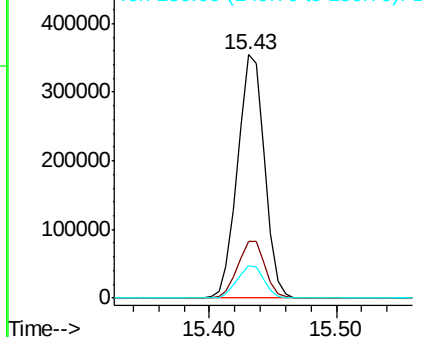


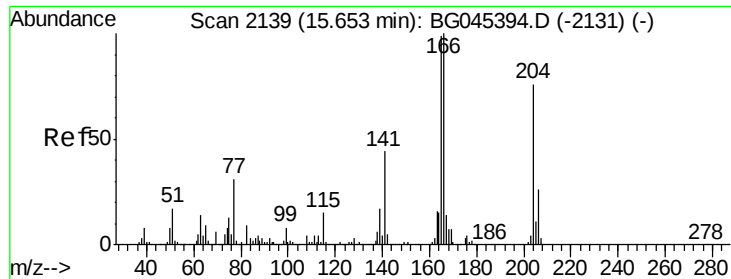
#60
 Diethylphthalate
 Concen: 38.183 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518881		
177	23.2	19.0	28.4	
150	13.3	11.4	17.0	



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





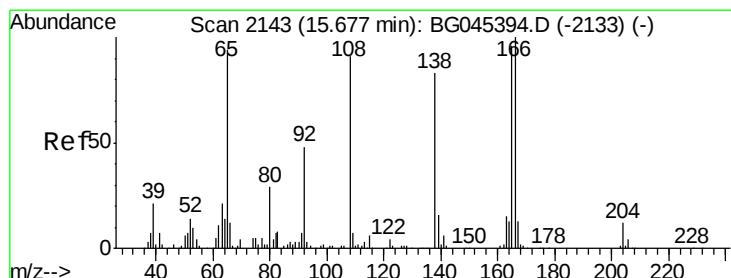
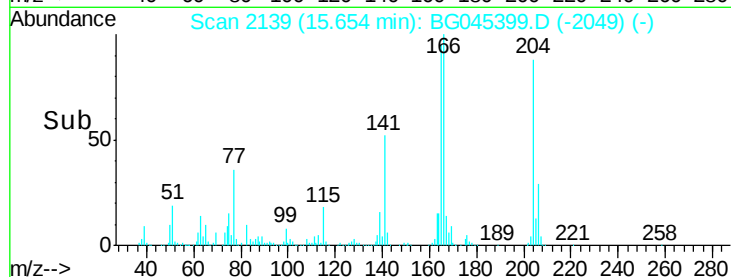
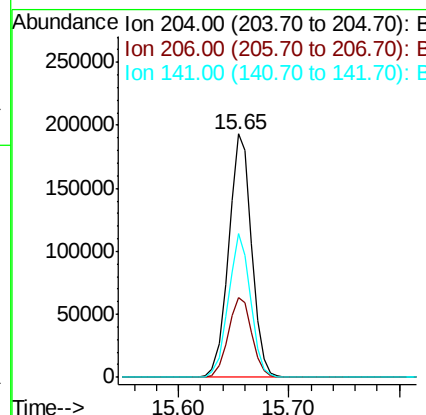
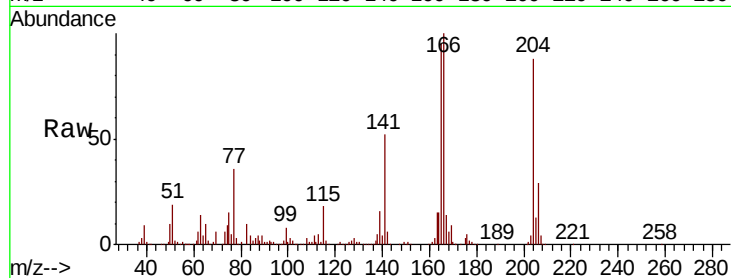
#61
 4-Chlorophenyl-phenylether
 Concen: 39.272 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion:	204	Resp:	279947
Ion Ratio	Lower	Upper	
204	100		
206	32.7	27.3	40.9
141	58.8	45.9	68.9

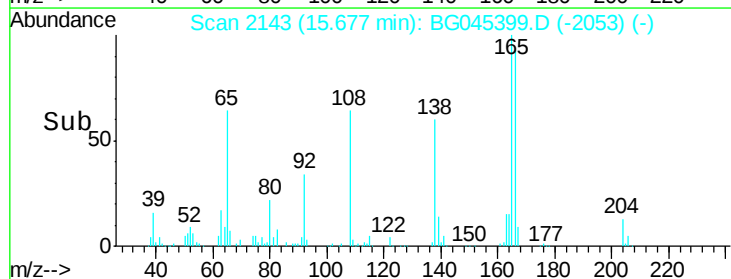
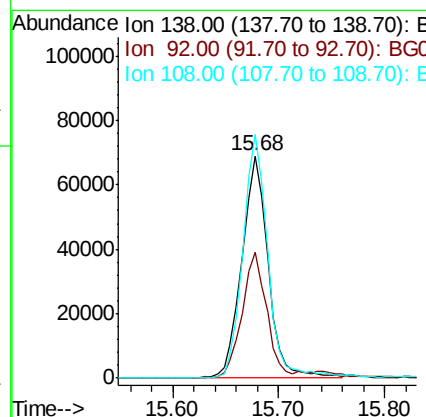
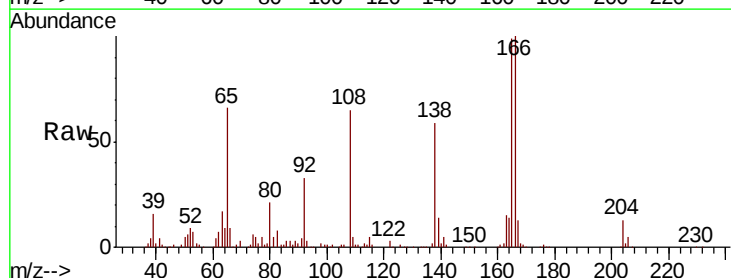
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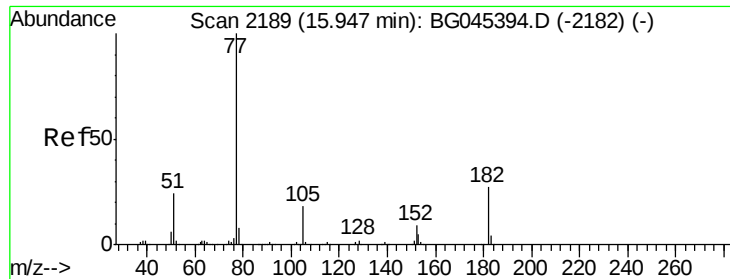
mohammad
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#62
 4-Nitroaniline
 Concen: 38.144 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:	138	Resp:	119260
Ion Ratio	Lower	Upper	
138	100		
92	56.4	38.0	78.0
108	109.5	89.3	129.3





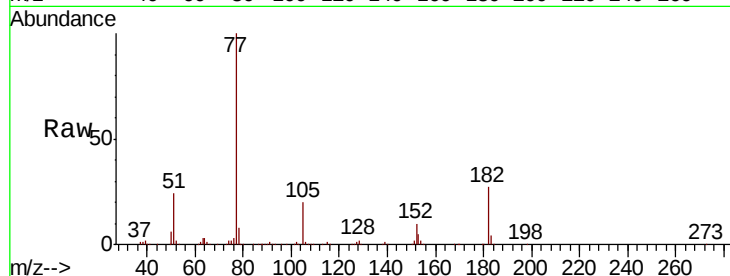
#63
Azobenzene
Concen: 38.964 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

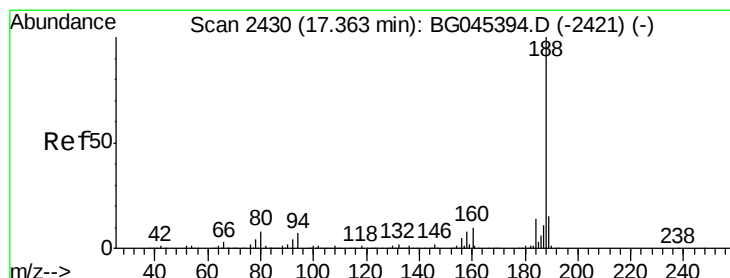
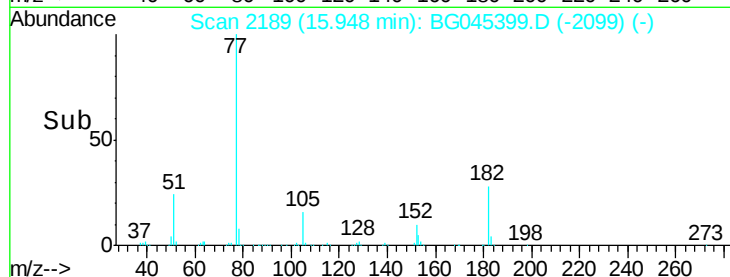
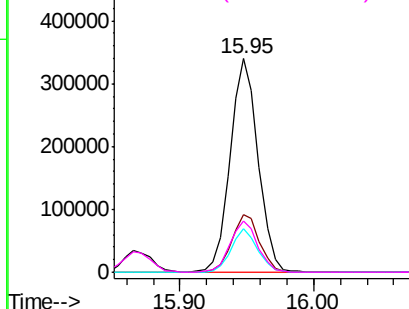
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.5	46.5
105	20.2	0.0	37.9
51	24.1	4.1	44.1

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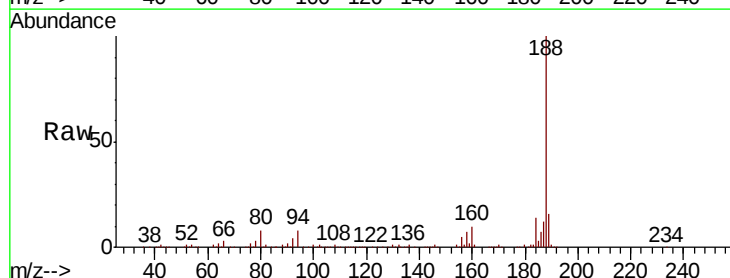


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

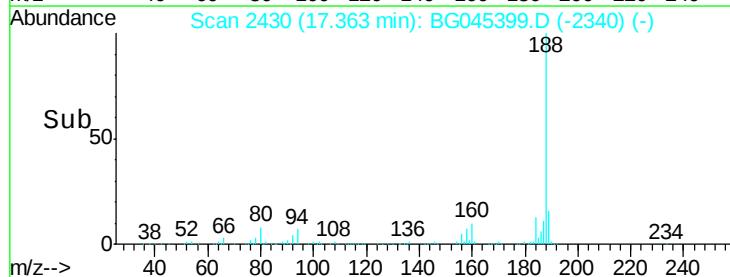
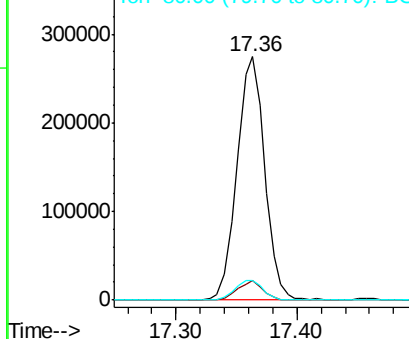


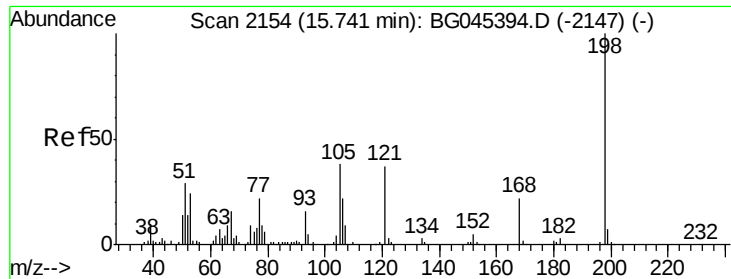
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	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





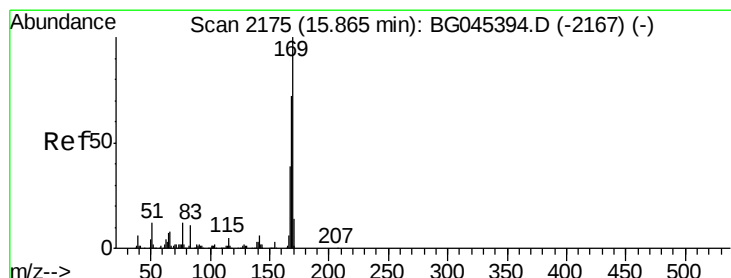
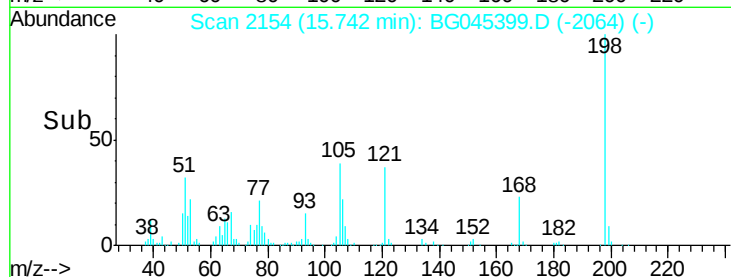
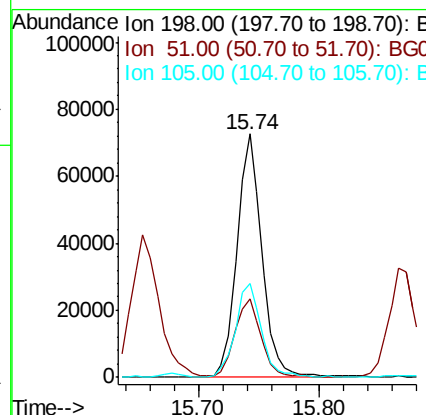
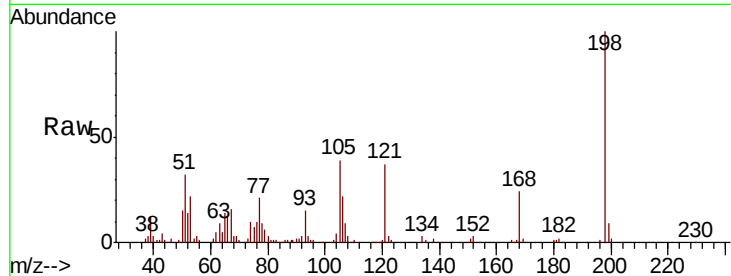
#65
4,6-Dinitro-2-methylphenol
Concen: 40.921 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
198	100	104709		
51	32.2	10.0	50.0	
105	38.7	18.9	58.9	

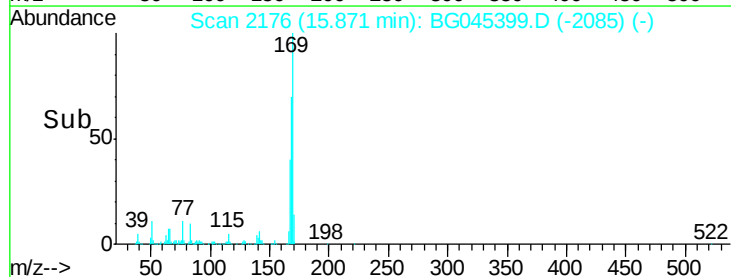
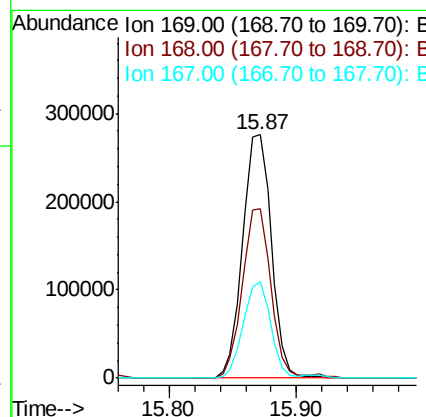
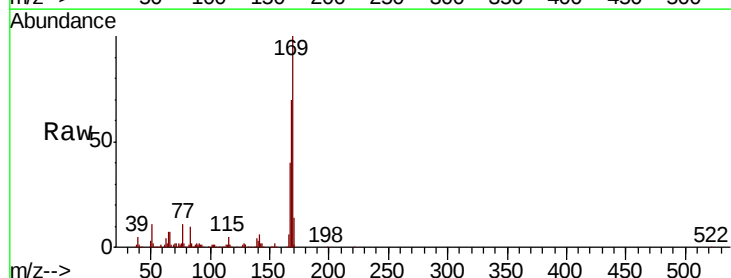
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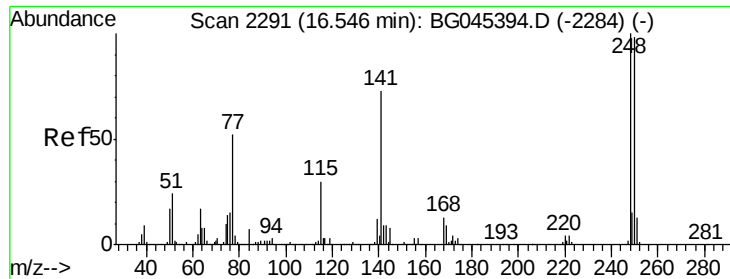
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#66
n-Nitrosodiphenylamine
Concen: 41.139 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	433972		
168	69.5	57.8	86.6	
167	39.8	31.5	47.3	





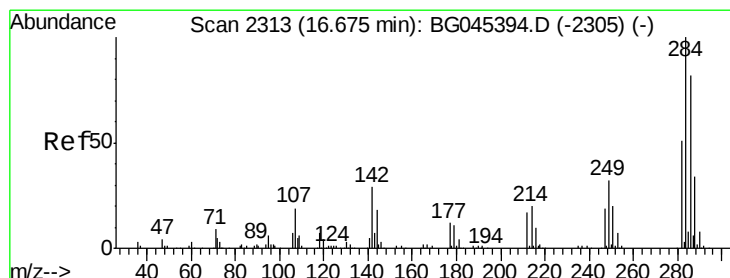
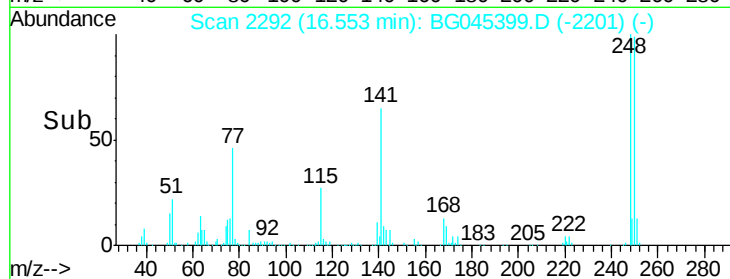
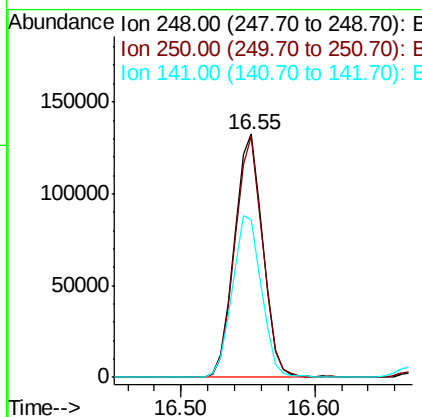
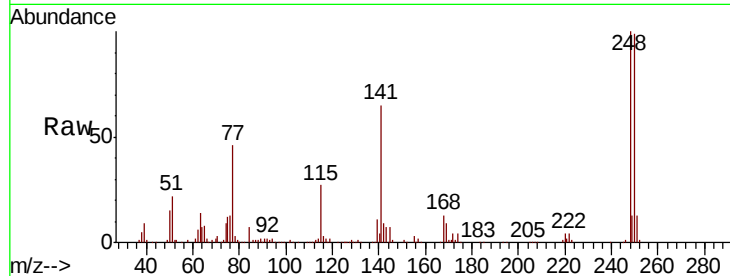
#67
4-Bromophenyl-phenylether
Concen: 41.073 ng
RT: 16.55 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	117.8
141	64.9	58.2	87.2

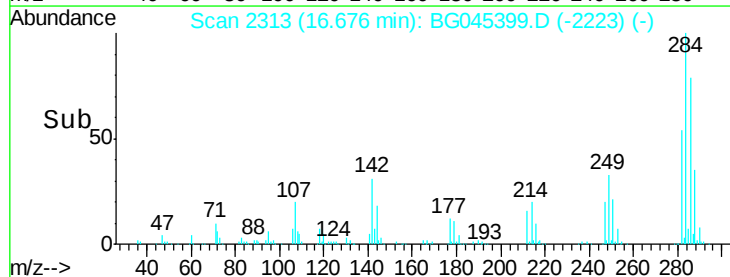
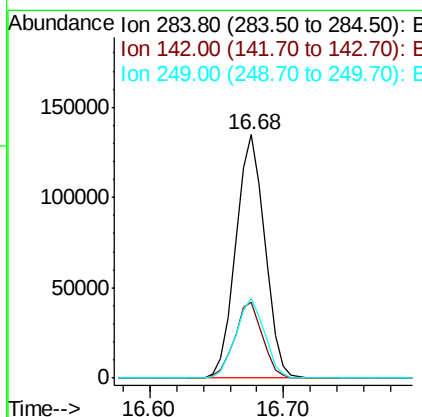
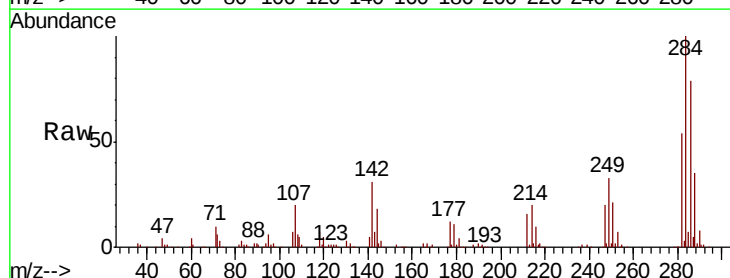
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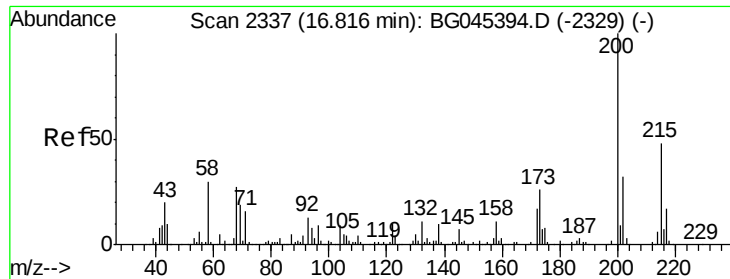
mohammad
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#68
Hexachlorobenzene
Concen: 40.845 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.0	34.6
249	32.9	25.8	38.6





#69

Atrazine

Concen: 40.587 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

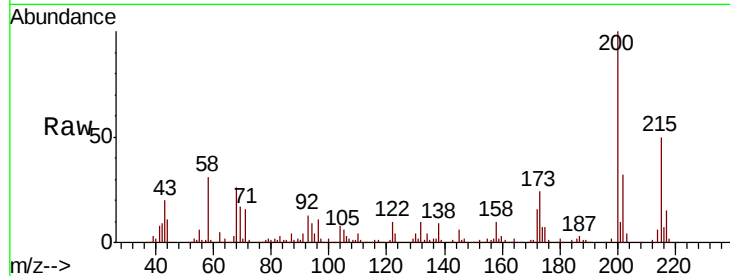
ClientSampleId :

ICVBG051520

Tot Ion	Ratio	Resp	Lower	Upper
200	100	176349		
173	23.9	5.5	45.5	
215	49.5	28.2	68.2	

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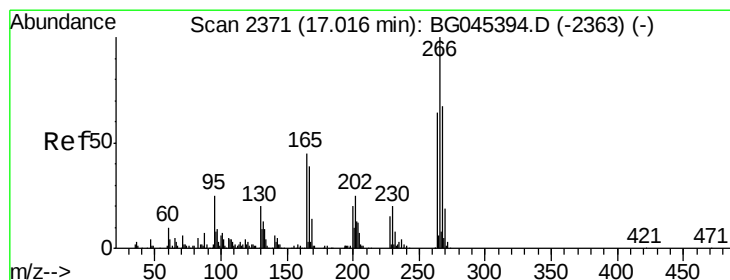
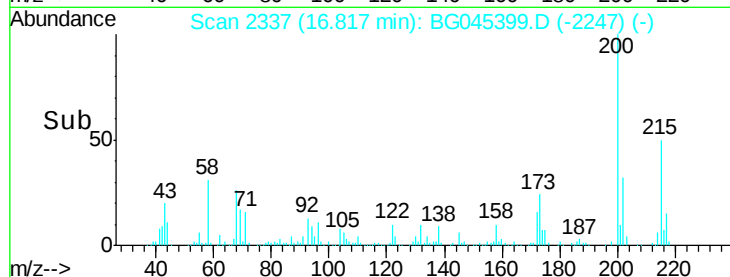
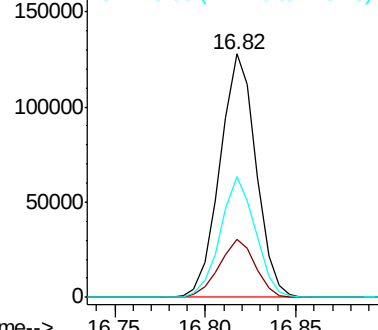


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.513 ng

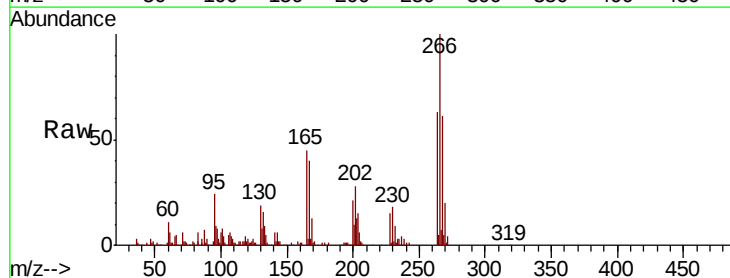
RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	109842		
268	61.3	53.2	79.8	
264	63.0	51.0	76.4	

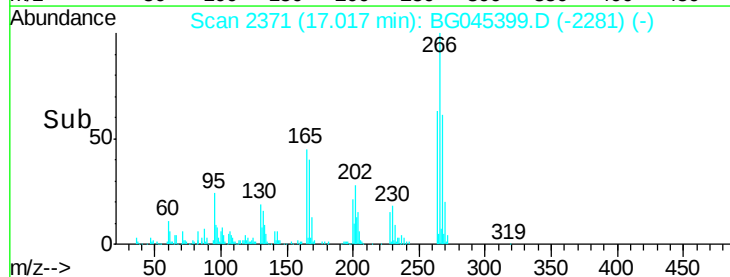
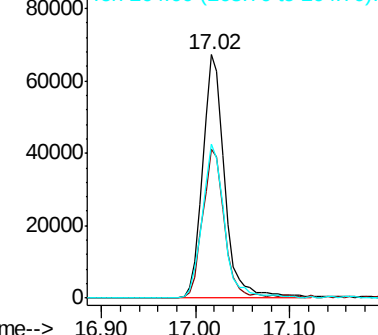


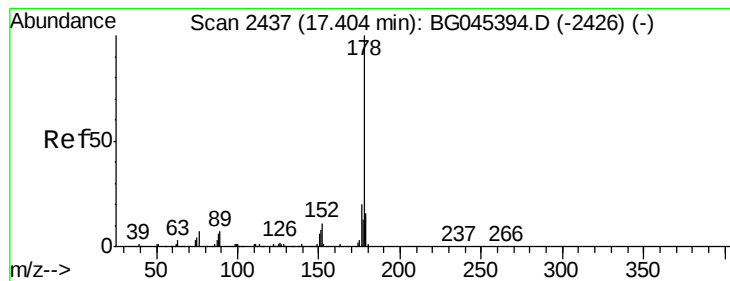
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.775 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

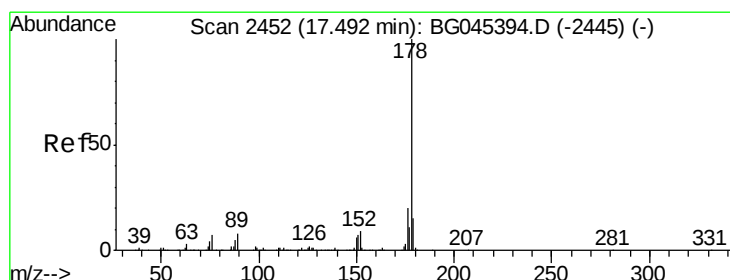
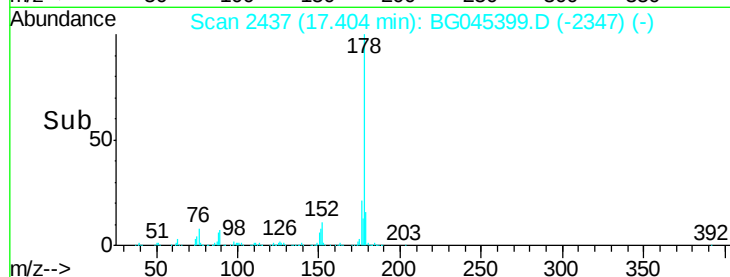
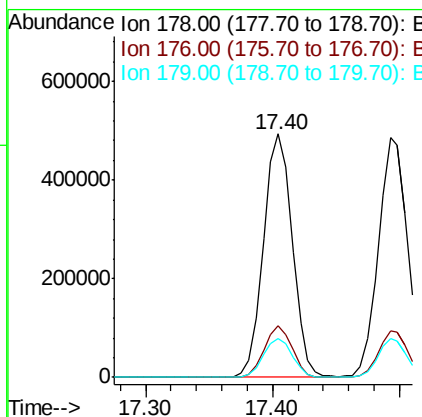
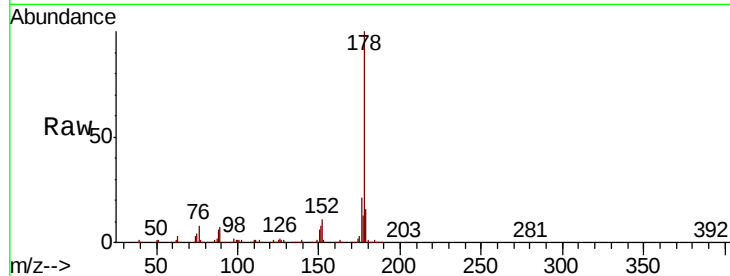
ClientSampleId :

ICVBG051520

Tot Ion:	178	Resp:	782072
Ion Ratio	Lower	Upper	
178	100		
176	21.0	16.2	24.4
179	16.2	13.1	19.7

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#72

Anthracene

Concen: 40.523 ng

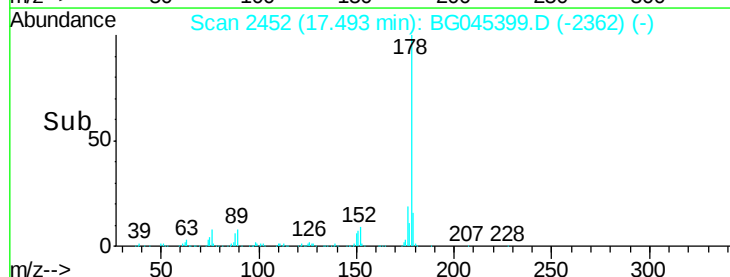
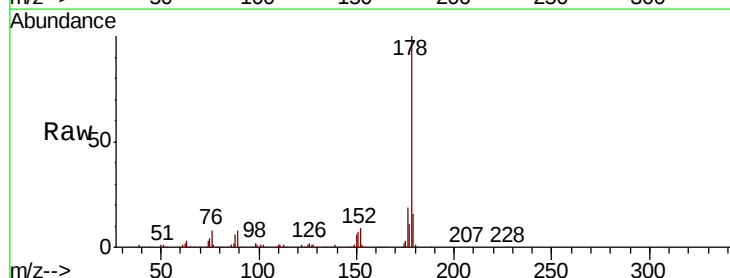
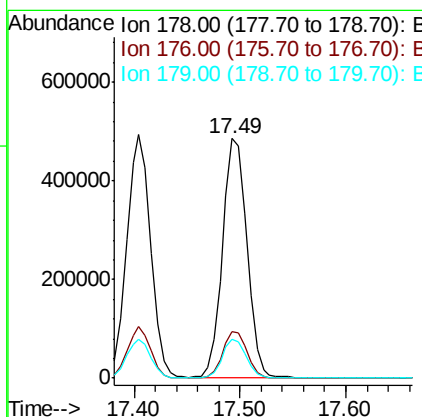
RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	178	Resp:	780526
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.6
179	16.2	12.2	18.4





#73

Carbazole

Concen: 40.690 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

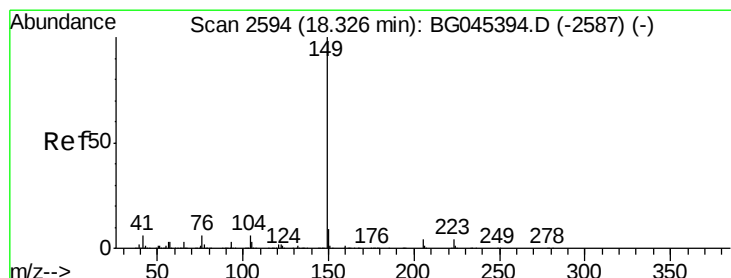
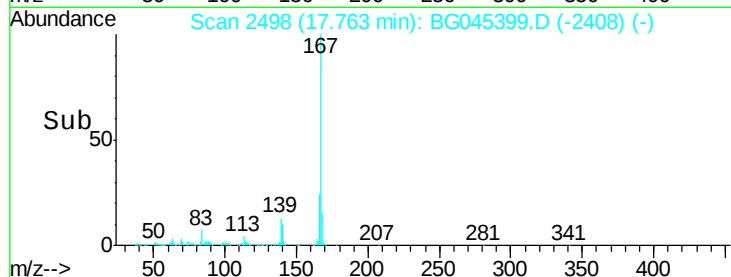
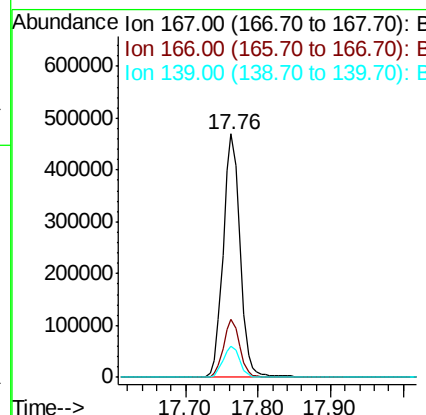
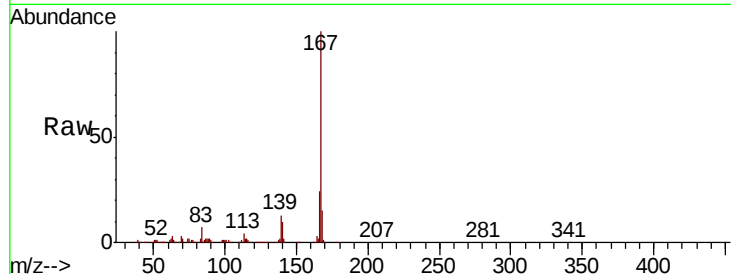
ClientSampleId :

ICVBG051520

Tot Ion:	167	Resp:	763961
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.2	28.8
139	12.9	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 40.091 ng

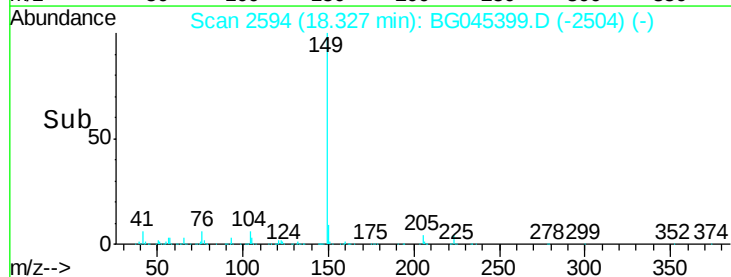
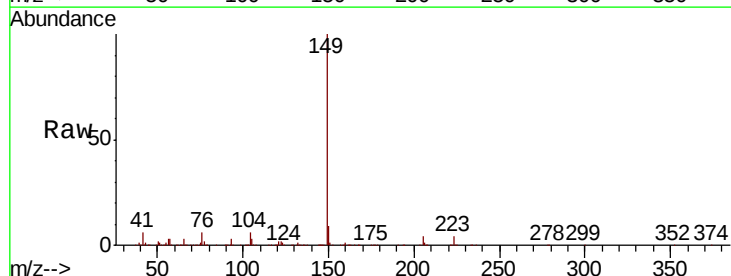
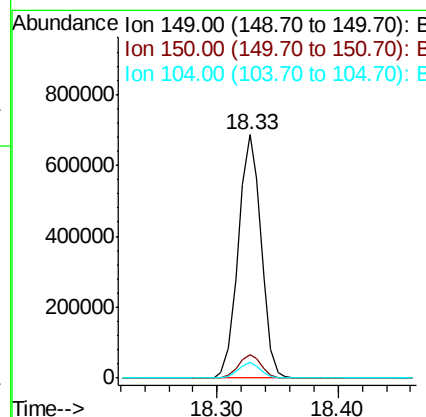
RT: 18.33 min Scan# 2594

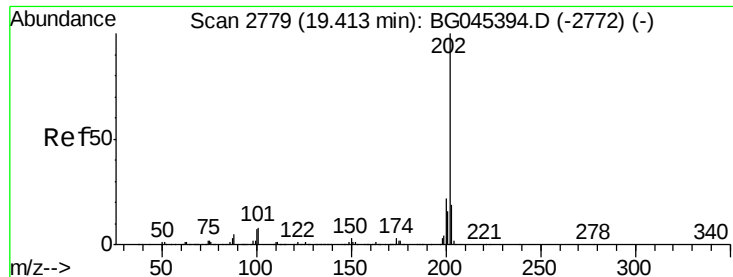
Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	149	Resp:	903444
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 40.272 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

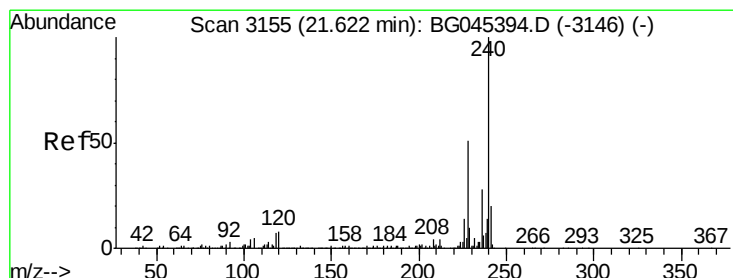
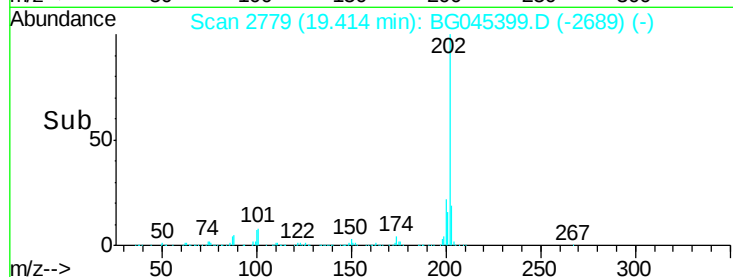
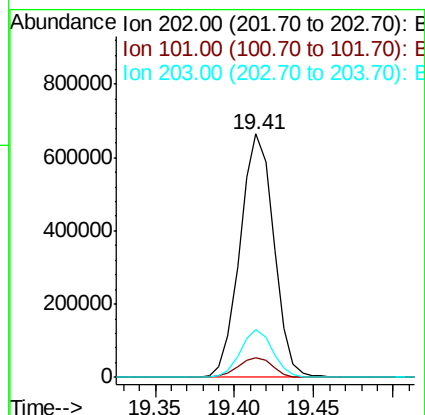
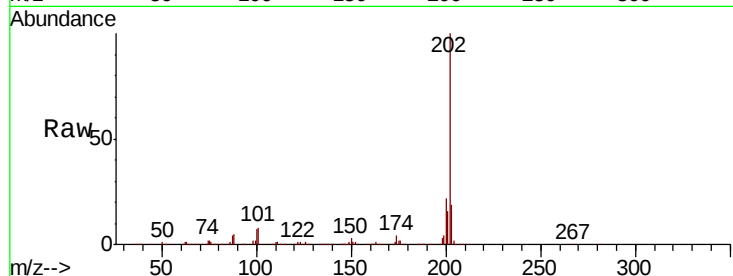
ClientSampleId :

ICVBG051520

Tot Ion:	202	Resp:	982474
Ion Ratio		Lower	Upper
202	100		
101	8.3	0.0	28.3
203	19.4	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

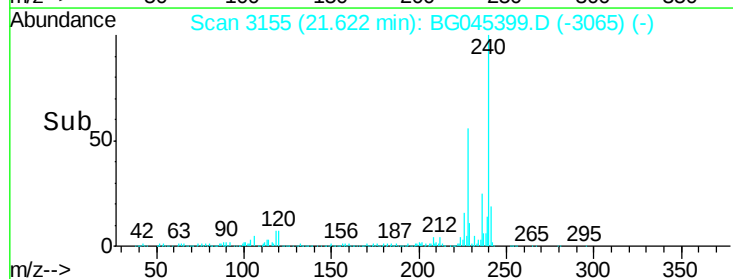
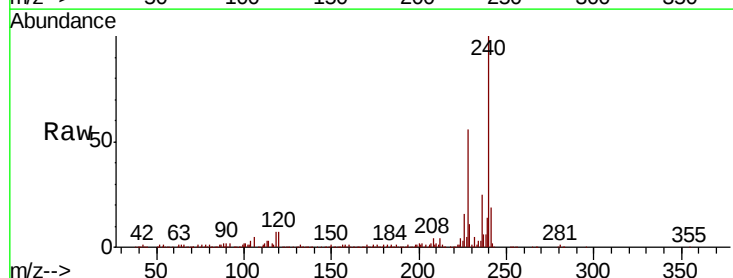
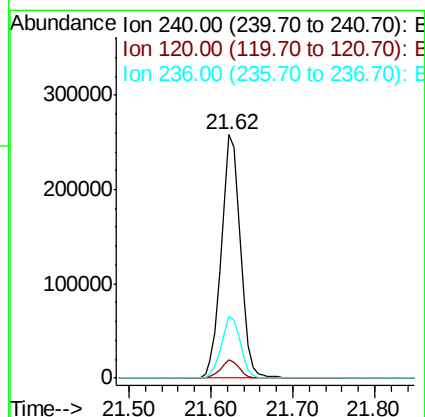
RT: 21.62 min Scan# 3155

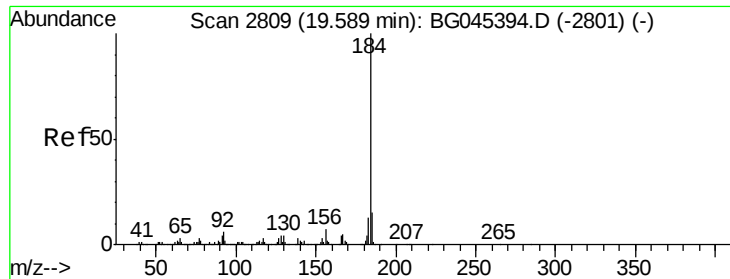
Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	240	Resp:	420810
Ion Ratio		Lower	Upper
240	100		
120	7.3	6.1	9.1
236	25.4	22.3	33.5





#77

Benzidine

Concen: 40.136 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

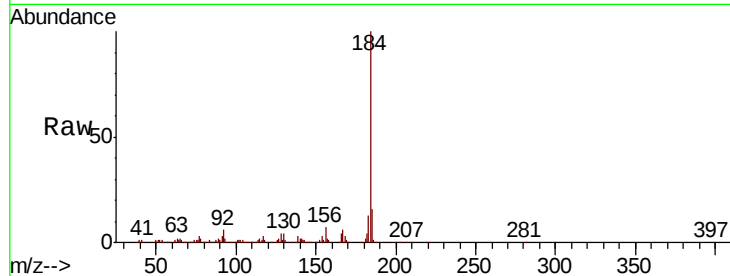
ClientSampleId :

ICVBG051520

Tot Ion:	184	Resp:	474355
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.7	17.5
183	13.1	10.2	15.4

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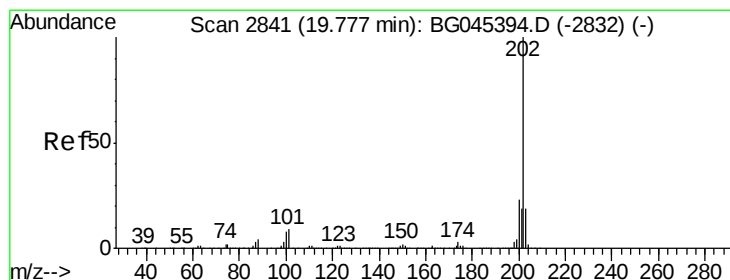
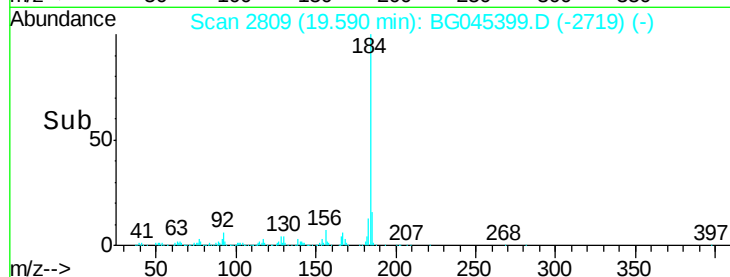
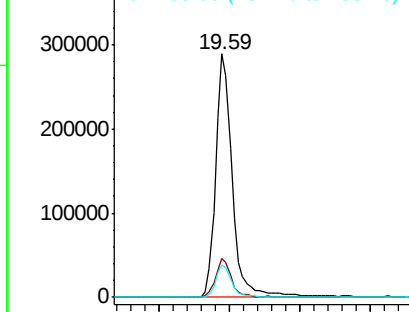


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.349 ng

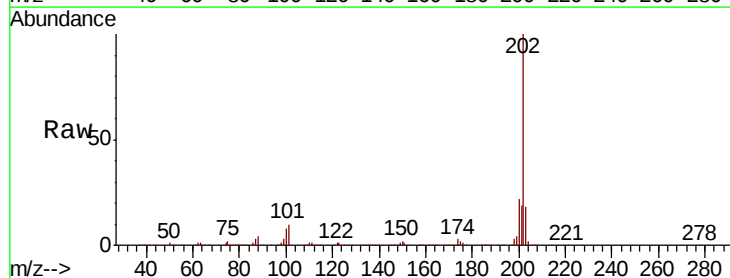
RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	202	Resp:	991877
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.2	27.2
203	18.5	15.1	22.7

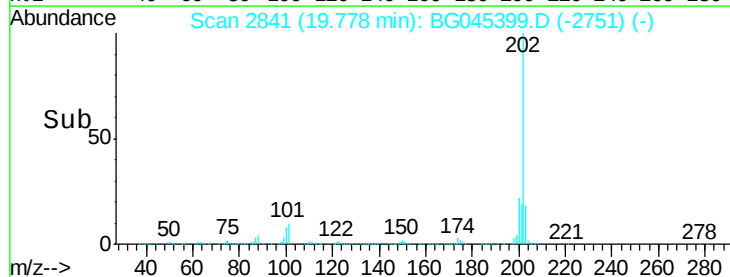
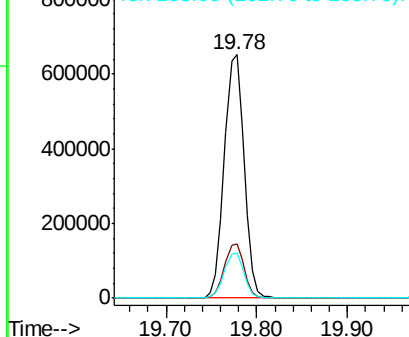


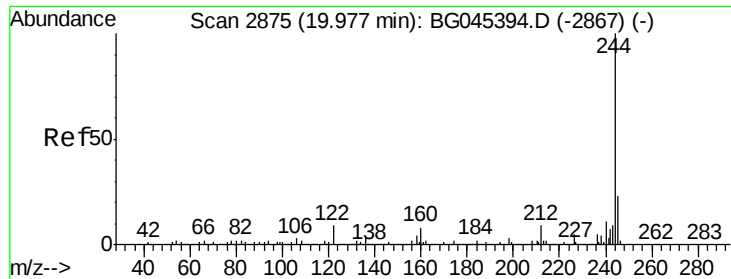
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





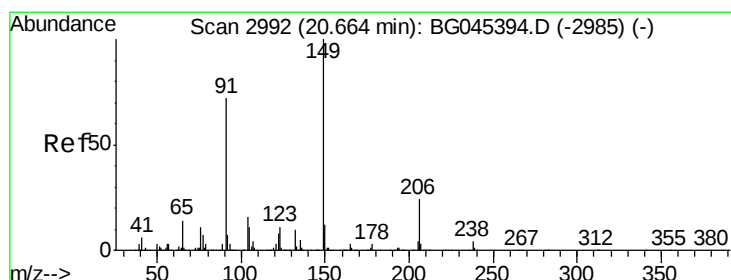
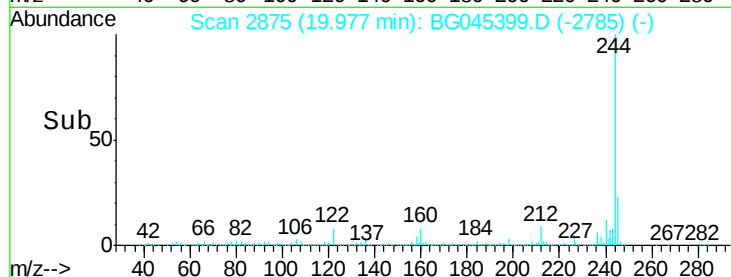
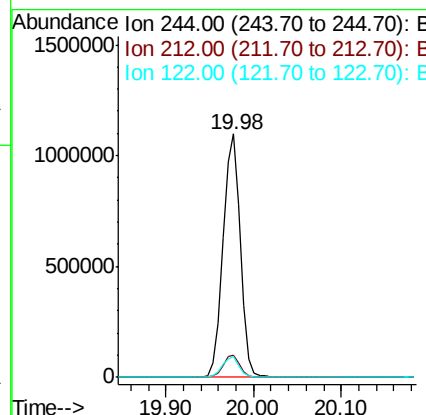
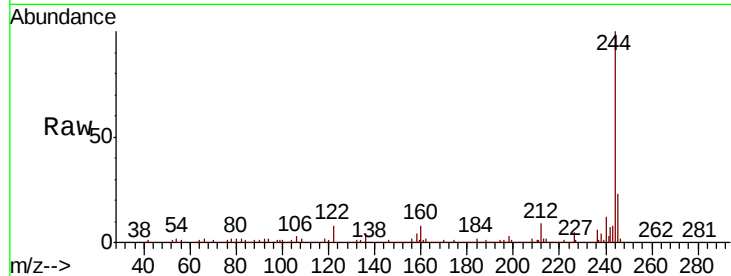
#79
 Terphenyl-d14
 Concen: 83.468 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.3	6.8	10.2

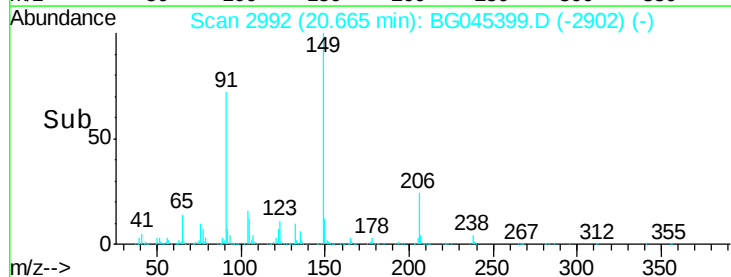
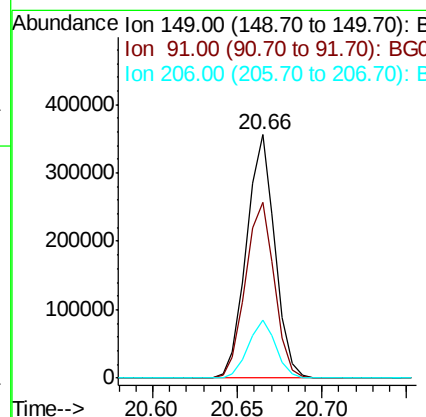
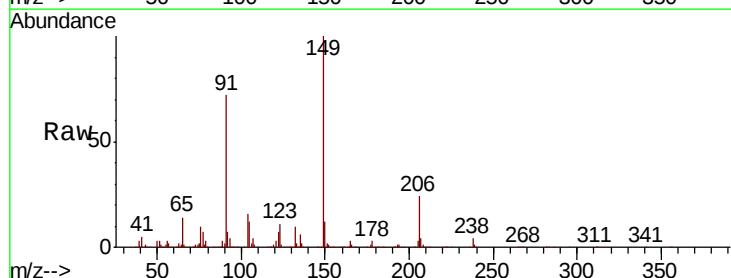
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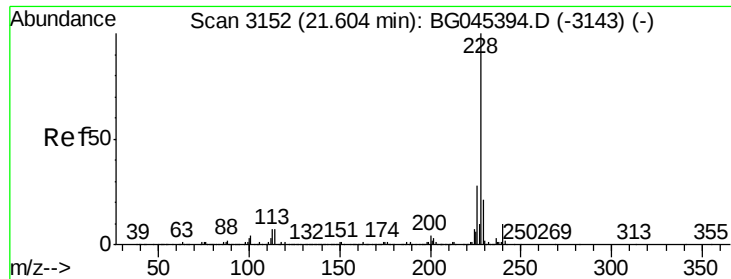
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#80
 Butylbenzylphthalate
 Concen: 40.225 ng
 RT: 20.66 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.6
206	24.0	19.1	28.7





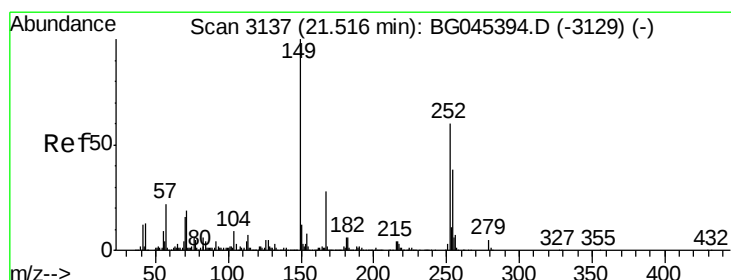
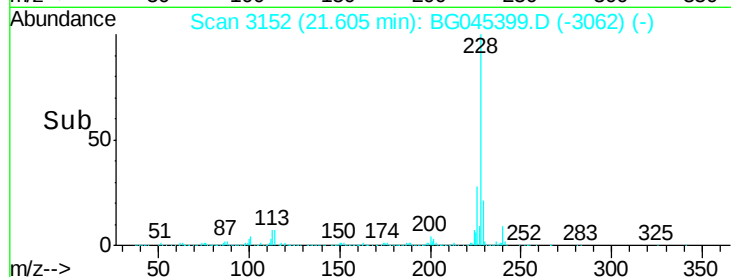
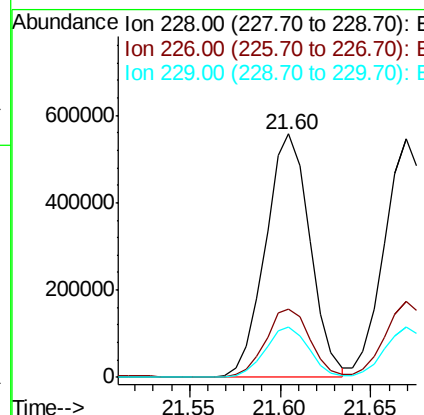
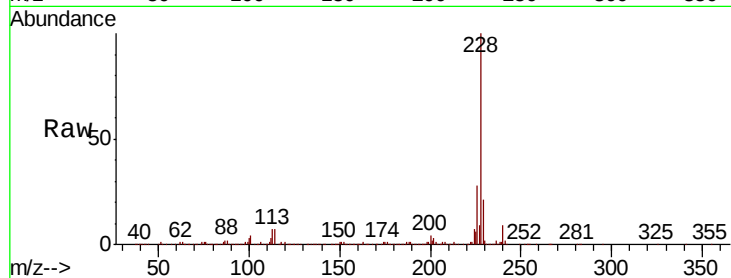
#81
Benzo(a)anthracene
Concen: 40.531 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.9	16.7	25.1

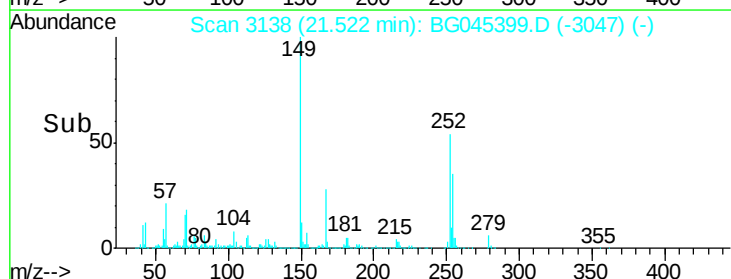
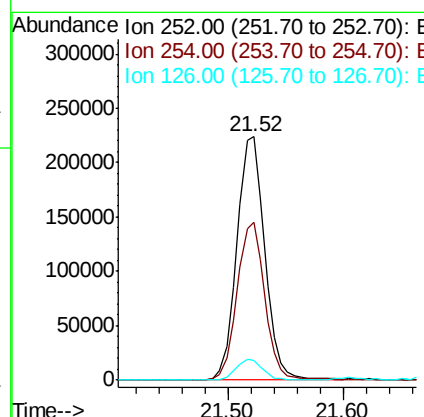
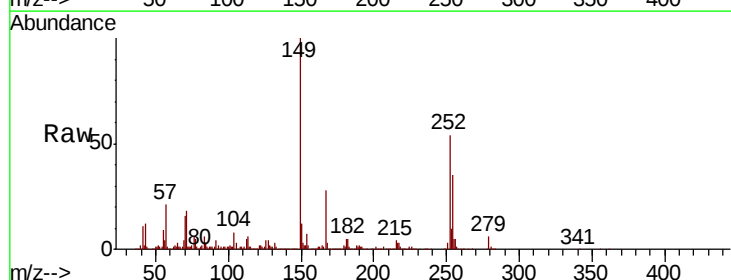
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#82
3,3'-Dichlorobenzidine
Concen: 40.814 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.3	6.6	10.0





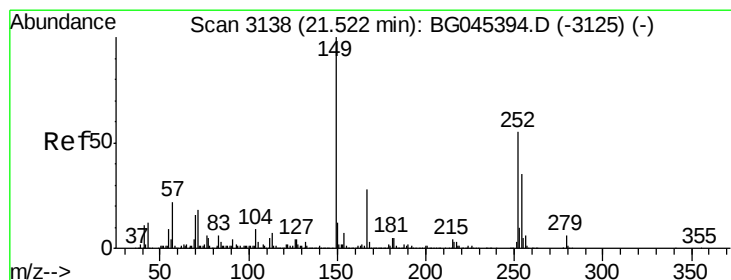
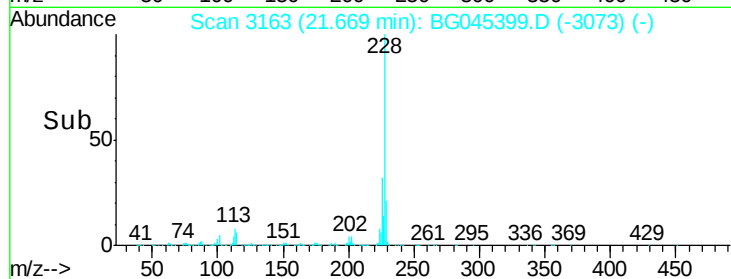
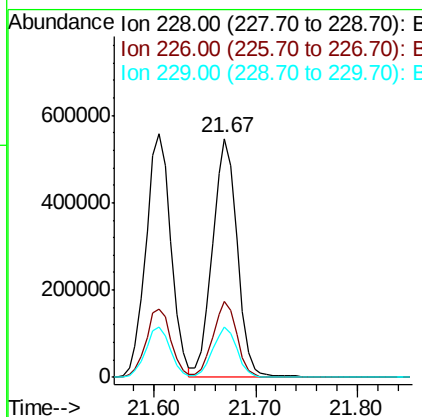
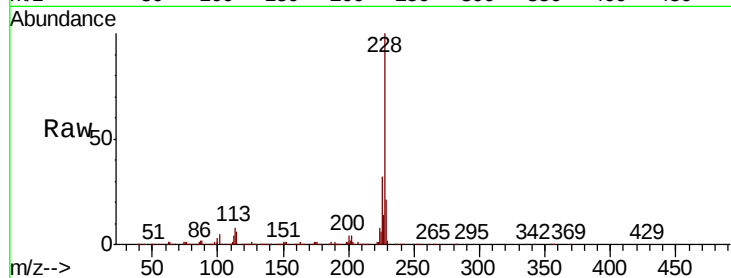
#83
 Chrvsene
 Concen: 40.847 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.8	16.7	25.1

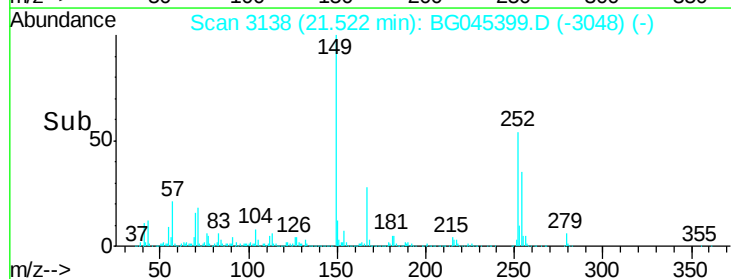
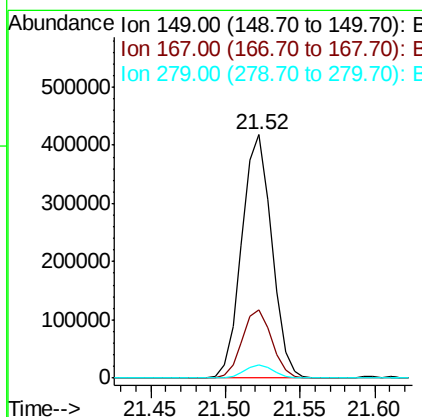
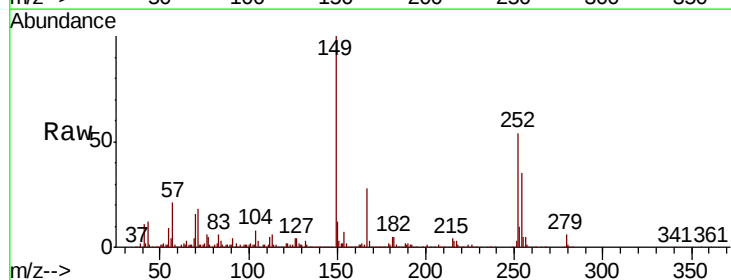
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.826 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	5.6	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.527 ng

RT: 22.71 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

Tot Ion:149 Resp: 1015136

Ion Ratio Lower Upper

149 100

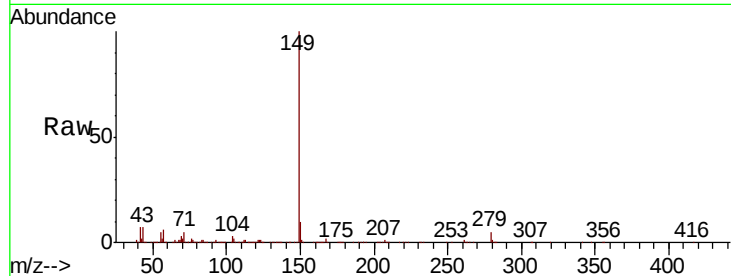
167 1.8 1.4 2.0

43 7.1 5.8 8.8

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Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

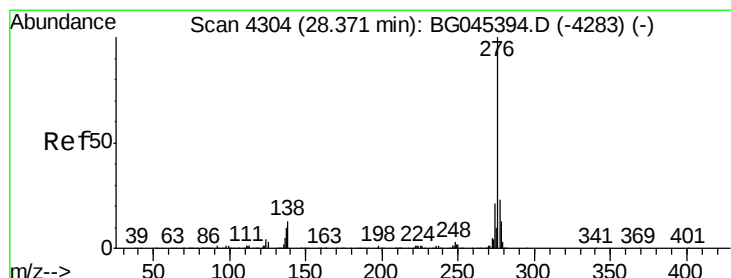
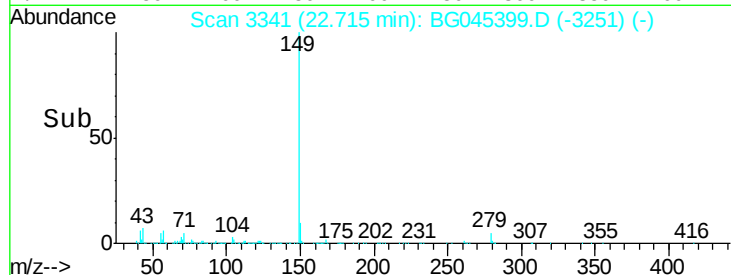
22.71

400000

200000

0

Time--> 22.60 22.70 22.80



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.765 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

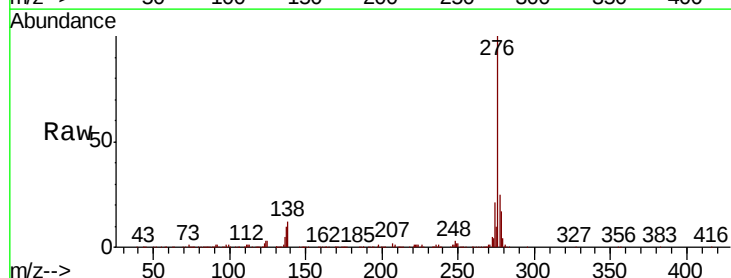
Tgt Ion:276 Resp: 1201579

Ion Ratio Lower Upper

276 100

138 11.3 8.6 12.8

277 25.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
250000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

28.38

200000

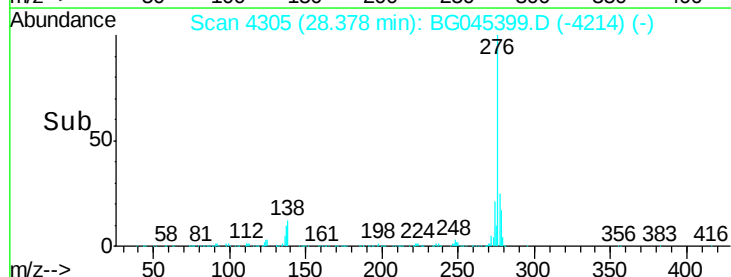
150000

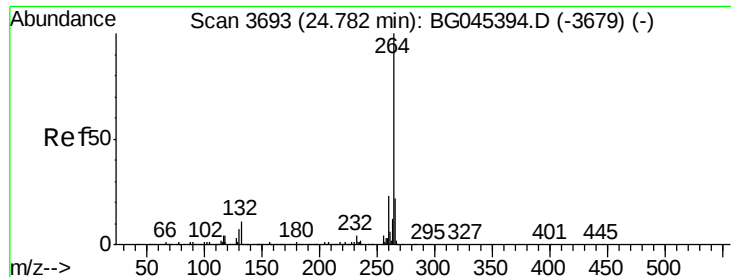
100000

50000

0

Time--> 28.20 28.40 28.60





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

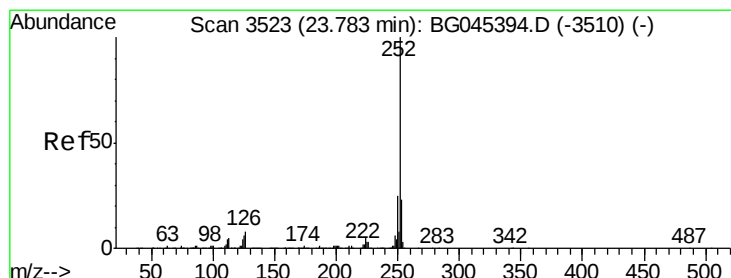
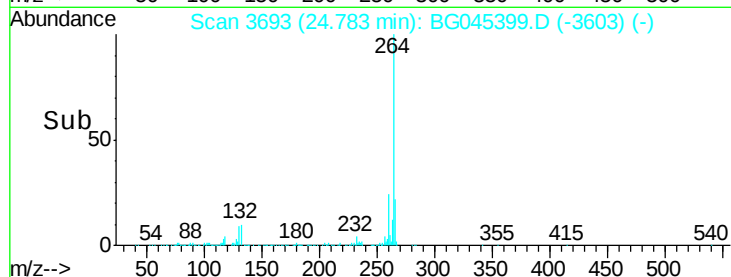
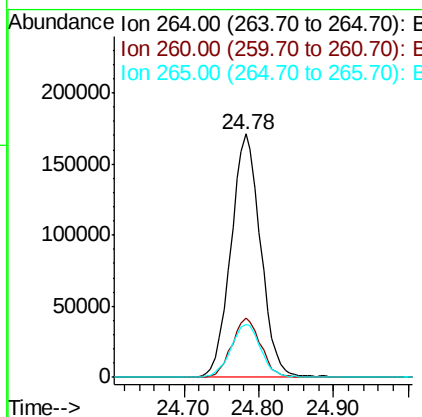
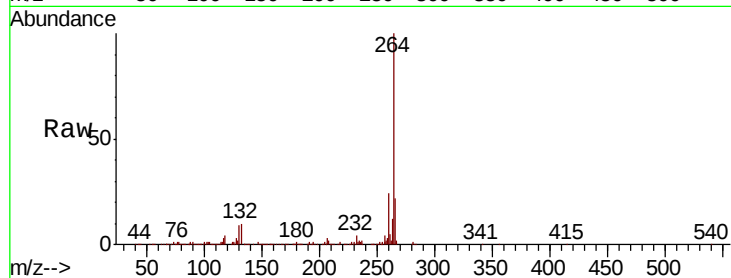
ClientSampleId :

ICVBG051520

Tot Ion:	264	Resp:	472448
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.2	27.4
265	22.0	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 41.067 ng

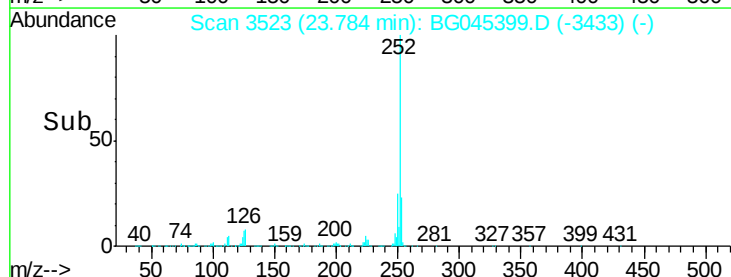
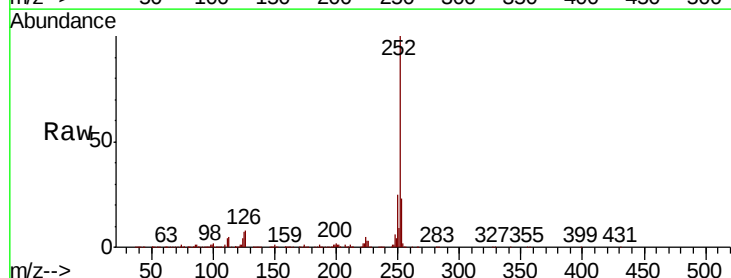
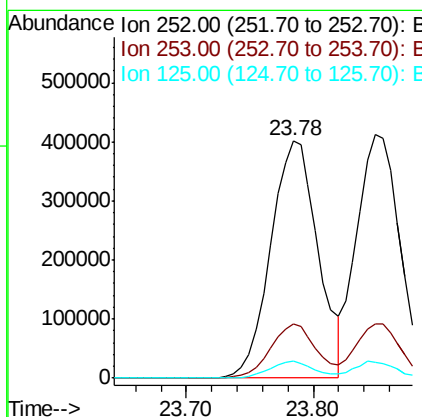
RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:	252	Resp:	1040561
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	7.3	5.0	7.6





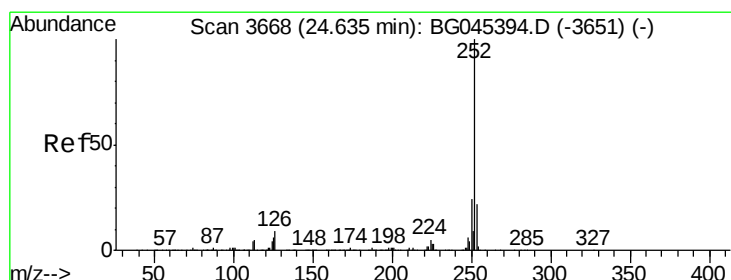
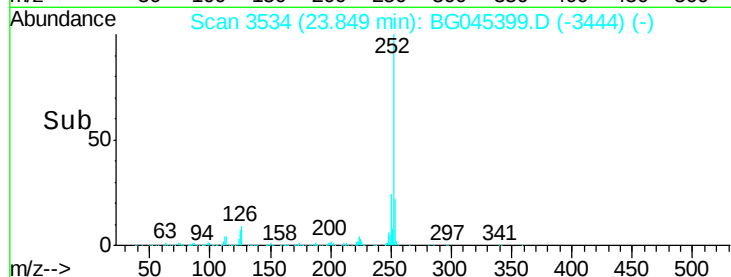
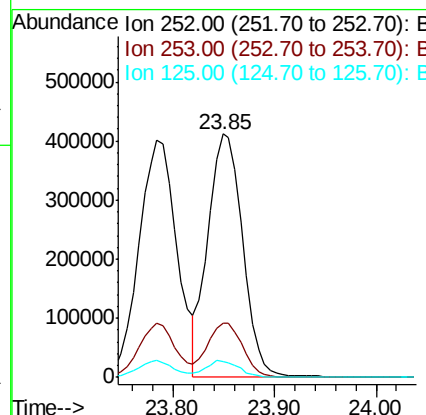
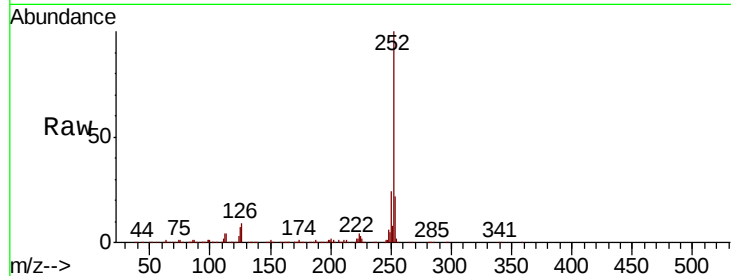
#89
Benzo(k)fluoranthene
Concen: 40.919 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.6	5.7	8.5

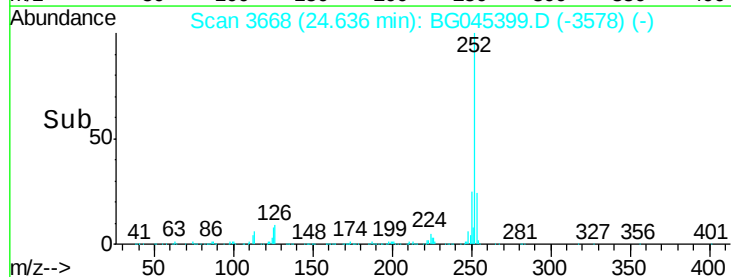
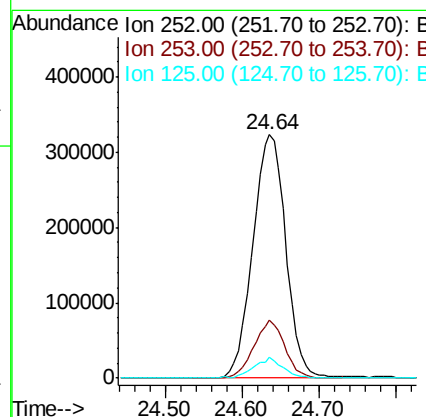
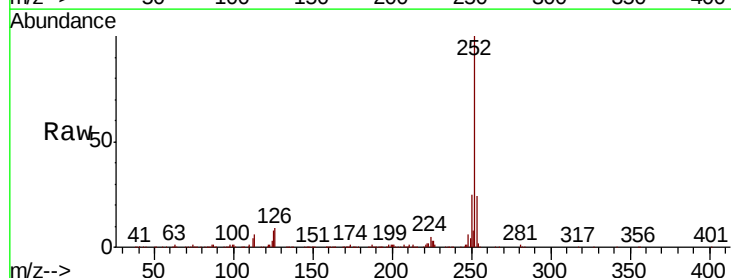
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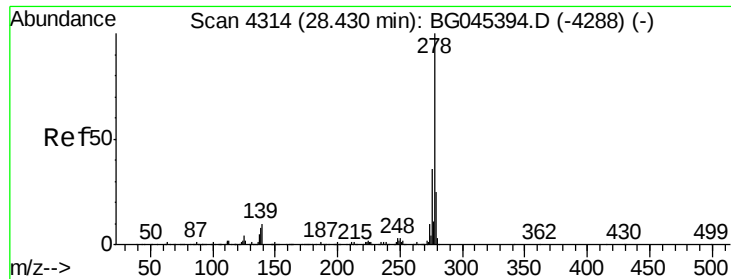
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#90
Benzo(a)pyrene
Concen: 40.937 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	8.4	5.0	7.6#





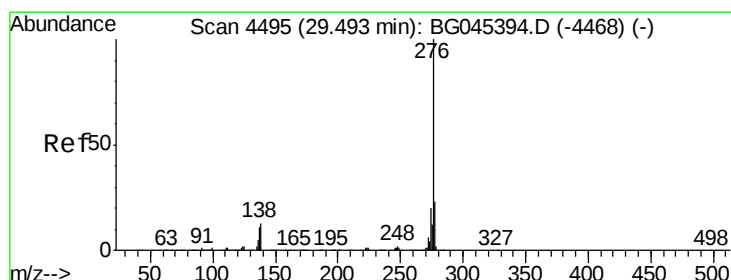
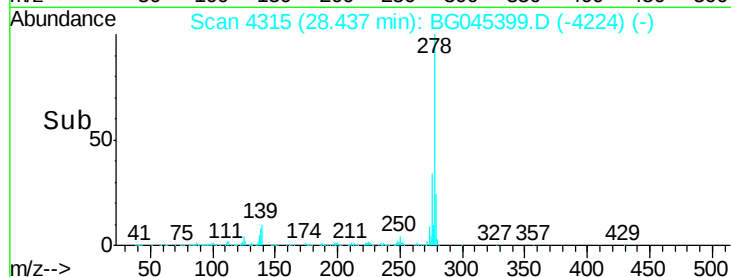
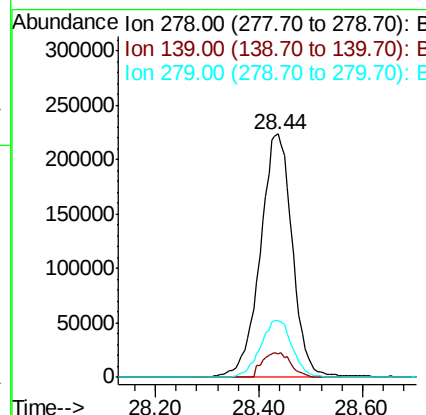
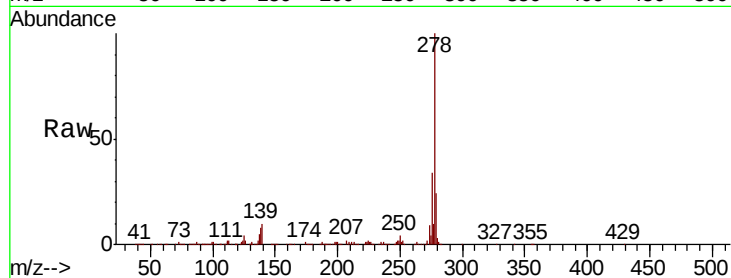
#91
Dibenzo(a,h)anthracene
Concen: 40.517 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.8	11.8
279	23.5	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 40.538 ng
RT: 29.49 min Scan# 4494
Delta R.T. -0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	12.7	10.2	15.4

