

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045511.D
 Acq On : 29 May 2020 3:45
 Operator : CG/JU
 Sample : PB129114BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:13 PM

Quant Time: May 29 06:42:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	71710	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	294755	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	213303	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	481265	20.00	ng	0.00
76) Chrysene-d12	21.61	240	433006	20.00	ng	0.00
87) Perylene-d12	24.75	264	482103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	576888	157.22	ng	0.00
7) Phenol-d6	7.17	99	821089	157.22	ng	0.00
23) Nitrobenzene-d5	9.12	82	530881	98.22	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	400682	146.88	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1237231	98.39	ng	0.00
79) Terphenyl-d14	19.97	244	1909484	102.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63772	35.047	ng	98
3) Pyridine	3.80	79	156818	30.945	ng	95
4) n-Nitrosodimethylamine	3.72	42	77014	46.442	ng	# 92
6) Aniline	7.28	93	304525	44.667	ng	98
8) 2-Chlorophenol	7.54	128	213324	53.014	ng	95
9) Benzaldehyde	7.09	77	138381	40.669	ng	95
10) Phenol	7.19	94	283243	52.622	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	191770	45.677	ng	96
12) 1,3-Dichlorobenzene	7.85	146	225469	46.627	ng	99
13) 1,4-Dichlorobenzene	7.99	146	227743	47.724	ng	96
14) 1,2-Dichlorobenzene	8.31	146	214276	46.685	ng	98
15) Benzyl Alcohol	8.21	79	215124	49.863	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	181587	45.565	ng	98
17) 2-Methylphenol	8.43	107	192541	47.791	ng	97
18) Hexachloroethane	9.04	117	85479	46.769	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	177061	49.027	ng	98
20) 3+4-Methylphenols	8.76	107	260714	47.522	ng	# 80
22) Acetophenone	8.78	105	325461	46.588	ng	# 97
24) Nitrobenzene	9.16	77	271398	46.865	ng	97
25) Isophorone	9.69	82	497384	46.725	ng	98
26) 2-Nitrophenol	9.87	139	125364	50.604	ng	92
27) 2,4-Dimethylphenol	9.96	122	203117	55.280	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	269170	48.216	ng	96
29) 2,4-Dichlorophenol	10.43	162	230231	53.062	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	250371	48.834	ng	99
31) Naphthalene	10.81	128	668141	48.644	ng	99
32) Benzoic acid	10.15	122	133637	52.333	ng	93
33) 4-Chloroaniline	10.92	127	233167	40.611	ng	96
34) Hexachlorobutadiene	11.11	225	168624	46.528	ng	98
35) Caprolactam	11.69	113	78632m	49.373	ng	
36) 4-Chloro-3-methylphenol	12.08	107	258498	52.871	ng	97
37) 2-Methylnaphthalene	12.42	142	514139	50.221	ng	98
38) 1-Methylnaphthalene	12.65	142	485973	50.253	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	297447	49.925	ng	99

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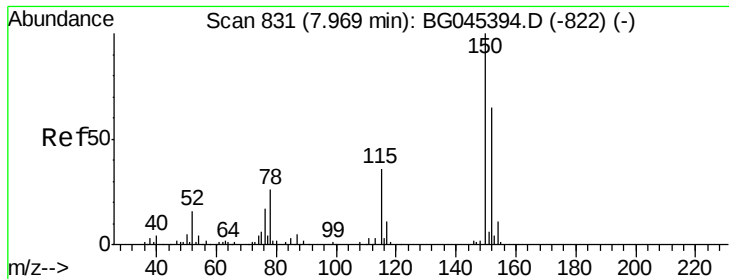
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	285232	82.946	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	206635	49.927	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	217748	46.041	nq	98
46) 1,1'-Biphenyl	13.43	154	656805	50.113	nq	99
47) 2-Chloronaphthalene	13.47	162	505604	47.506	nq	99
48) 2-Nitroaniline	13.68	65	163671	46.751	nq	95
49) Acenaphthylene	14.32	152	841360	49.216	nq	99
50) Dimethylphthalate	14.06	163	681159	46.551	nq	98
51) 2,6-Dinitrotoluene	14.17	165	155771	47.177	nq	96
52) Acenaphthene	14.67	154	615777m	53.811	nq	
53) 3-Nitroaniline	14.51	138	126121	37.576	nq	98
54) 2,4-Dinitrophenol	14.72	184	172727	79.868	nq	92
55) Dibenzofuran	15.00	168	816277	48.035	nq	97
56) 4-Nitrophenol	14.87	139	232315	91.421	nq	95
57) 2,4-Dinitrotoluene	14.97	165	222500	46.530	nq	# 95
58) Fluorene	15.65	166	665333	47.657	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	198448	47.694	nq	98
60) Diethylphthalate	15.42	149	698136	45.840	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	373389	46.738	nq	98
62) 4-Nitroaniline	15.68	138	149166	42.570	nq	98
63) Azobenzene	15.94	77	671038	47.253	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133685	47.696	nq	95
66) n-Nitrosodiphenylamine	15.86	169	596619	51.632	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	262977	50.463	nq	94
68) Hexachlorobenzene	16.66	284	279504	51.279	nq	99
69) Atrazine	16.81	200	223318	46.921	nq	98
70) Pentachlorophenol	17.01	266	284978	100.693	nq	97
71) Phenanthrene	17.39	178	1048748	49.917	nq	98
72) Anthracene	17.48	178	1067261	50.584	nq	98
73) Carbazole	17.76	167	959649	46.661	nq	99
74) Di-n-butylphthalate	18.31	149	1144893	46.381	nq	98
75) Fluoranthene	19.40	202	1259676	47.138	nq	99
77) Benzidine	19.58	184	799125	65.711	nq	99
78) Pyrene	19.77	202	1243082	50.362	nq	99
80) Butylbenzylphthalate	20.65	149	507343	47.620	nq	100
81) Benzo(a)anthracene	21.59	228	1210186	50.171	nq	97
82) 3,3'-Dichlorobenzidine	21.50	252	416013	43.967	nq	97
83) Chrysene	21.65	228	1152638	49.696	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	709659	48.456	nq	98
85) Di-n-octyl phthalate	22.69	149	1216245	48.353	nq	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1528478	50.395	nq	# 95
88) Benzo(b)fluoranthene	23.76	252	1312480	50.762	nq	99
89) Benzo(k)fluoranthene	23.83	252	1225708	50.459	nq	99
90) Benzo(a)pyrene	24.61	252	1194465	49.604	nq	# 98
91) Dibenzo(a,h)anthracene	28.40	278	1240311	51.256	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1272206	52.568	nq	98

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



#1

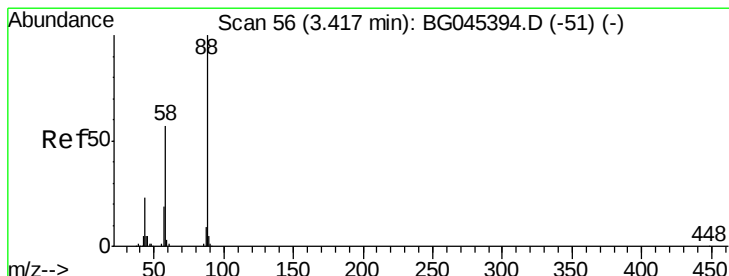
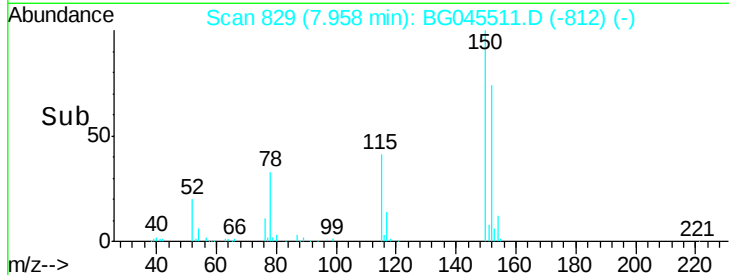
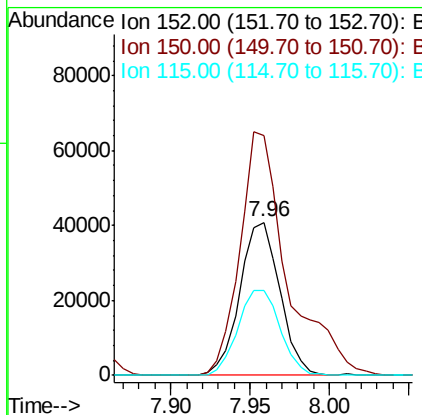
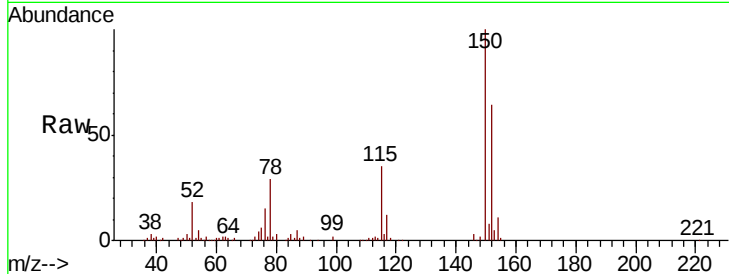
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.4	183.6
115	55.3	44.2	66.4

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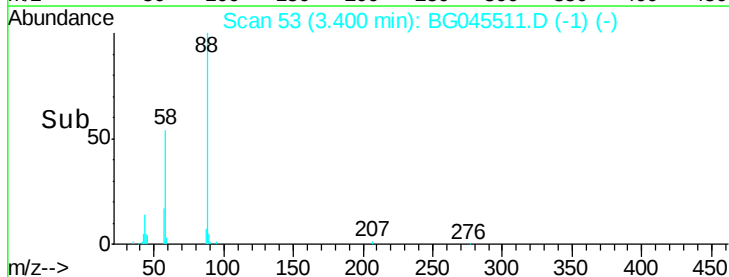
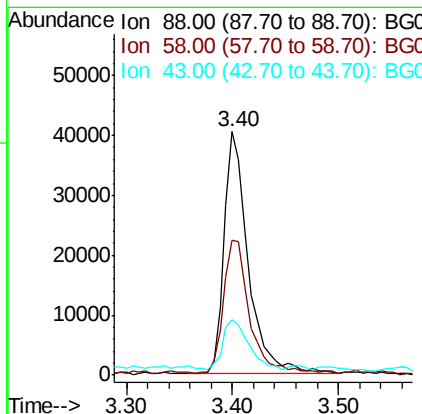
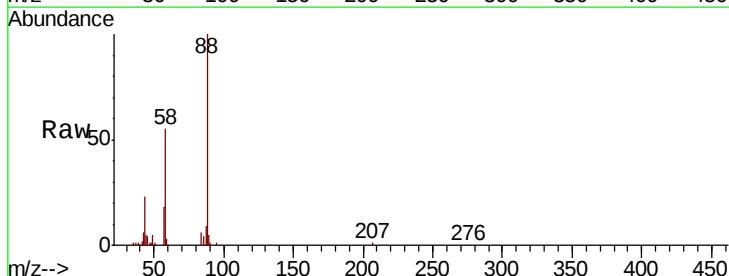
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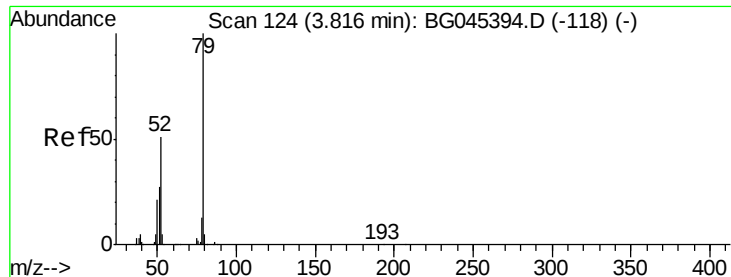


#2

1,4-Dioxane
Concen: 35.047 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	45.7	68.5
43	21.4	16.8	25.2





#3

Pvridine

Concen: 30.945 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

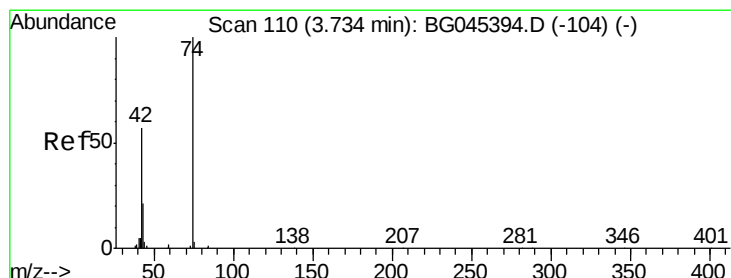
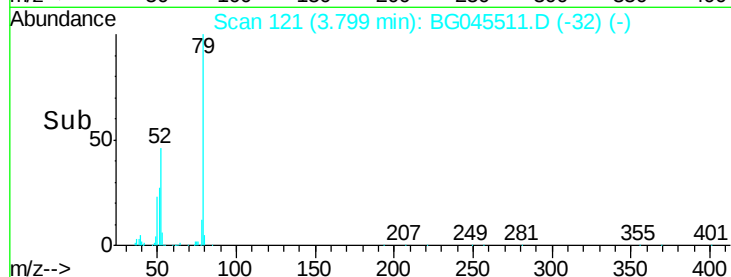
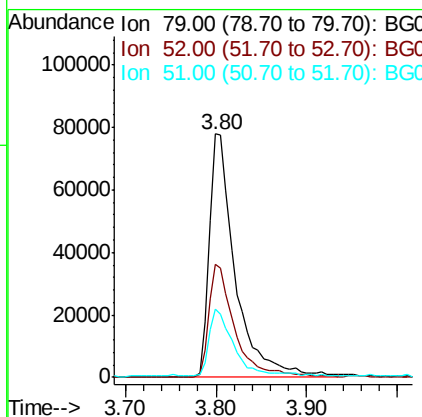
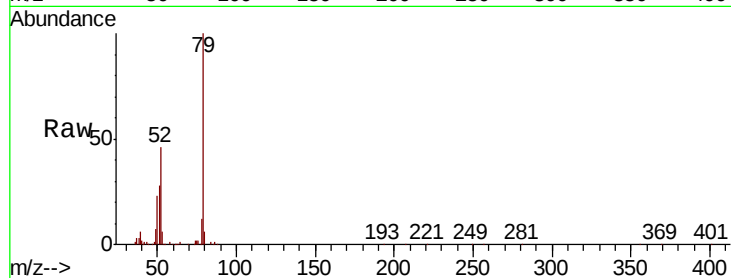
ClientSampleId :

PB129114BS

Tot Ion:	79	Resp:	156818
Ion Ratio	Lower	Upper	
79	100		
52	46.2	40.8	61.2
51	28.3	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 46.442 ng

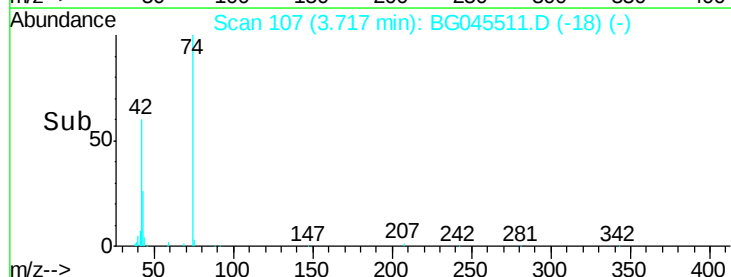
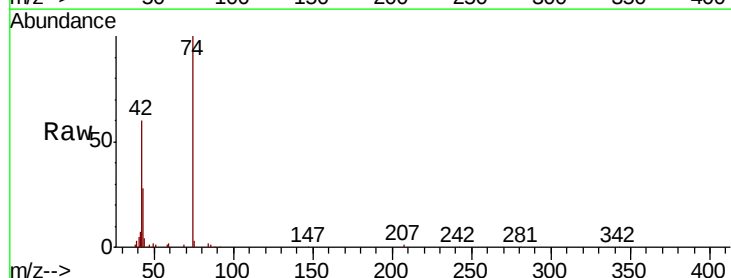
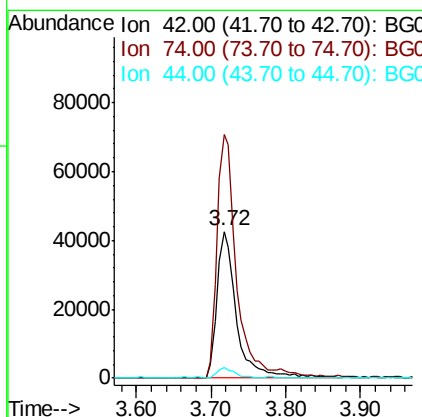
RT: 3.72 min Scan# 107

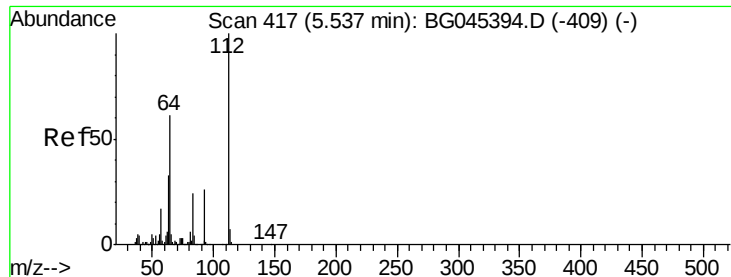
Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	42	Resp:	77014
Ion Ratio	Lower	Upper	
42	100		
74	165.8	141.3	211.9
44	7.3	4.2	6.4#





#5

2-Fluorophenol

Concen: 157.218 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

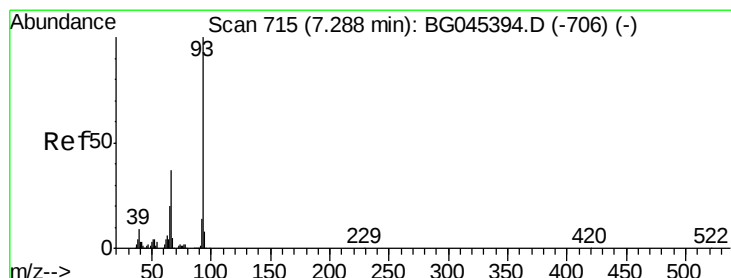
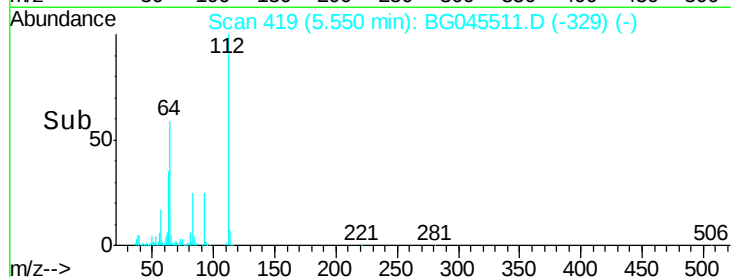
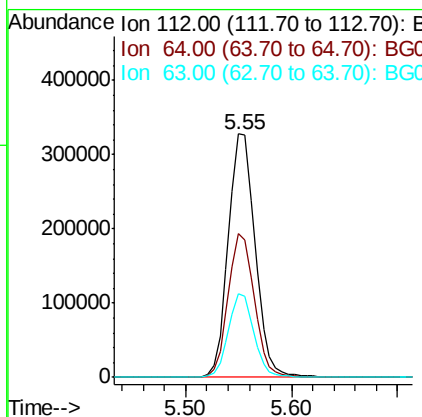
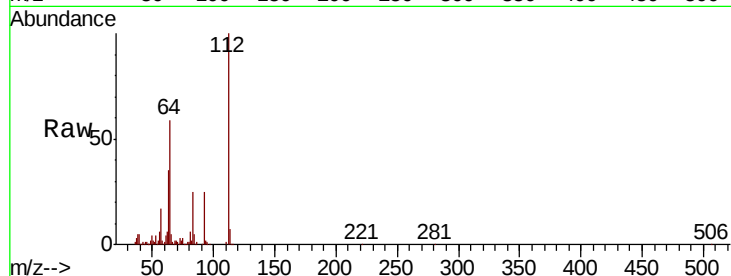
ClientSampleId :

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Tot Ion:	112	Resp:	576888
Ion Ratio	Lower	Upper	
112	100		
64	58.9	48.6	72.8
63	34.5	26.5	39.7

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#6

Aniline

Concen: 44.667 ng

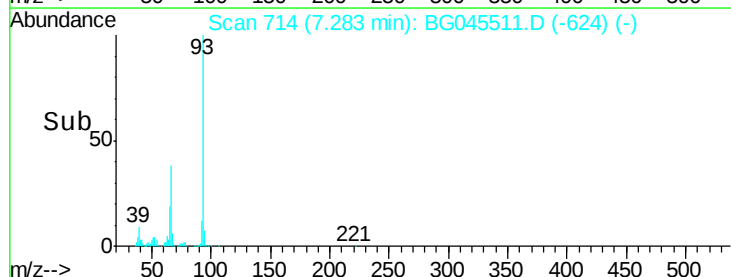
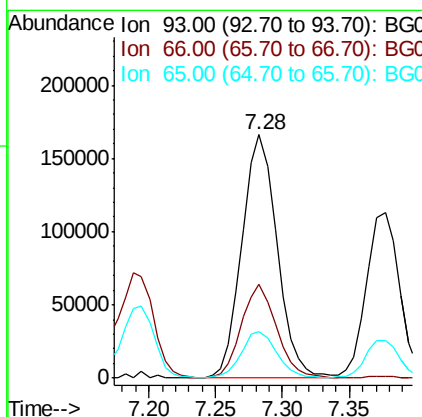
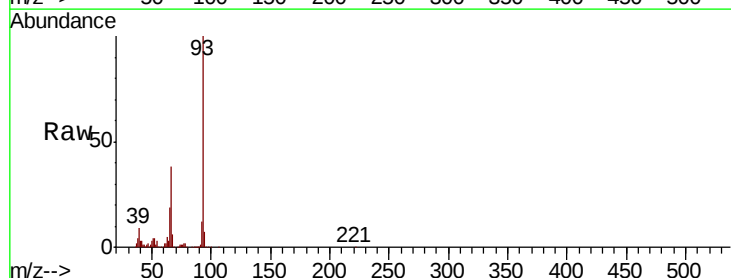
RT: 7.28 min Scan# 714

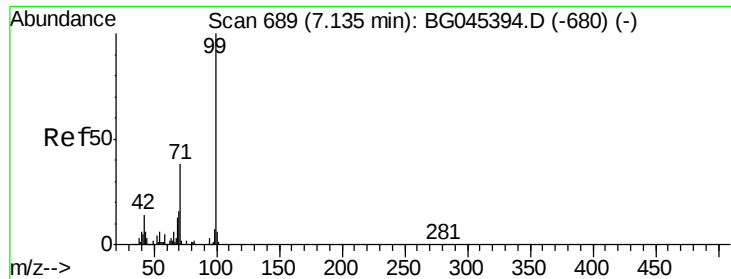
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	93	Resp:	304525
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.6	44.4
65	18.9	15.9	23.9





#7

Phenol-d6

Concen: 157.219 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

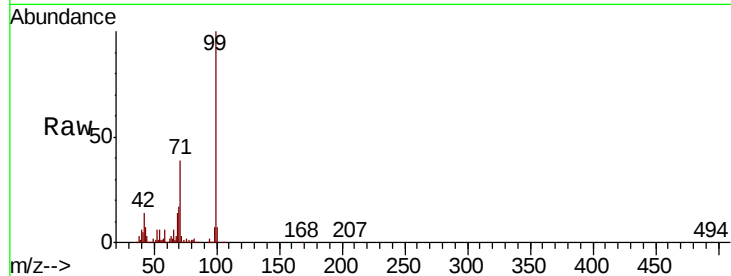
ClientSampleId :

PB129114BS

Tot Ion:	99	Resp:	821089
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.3	16.9
71	39.1	30.8	46.2

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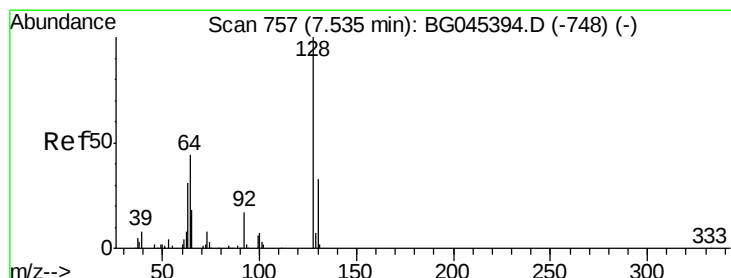
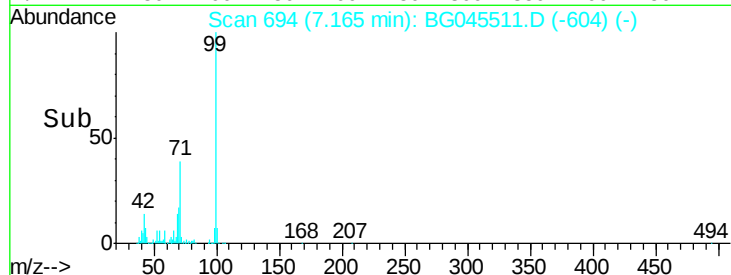
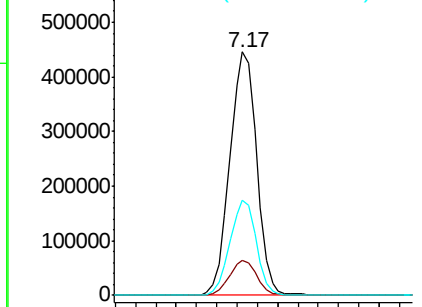


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.014 ng

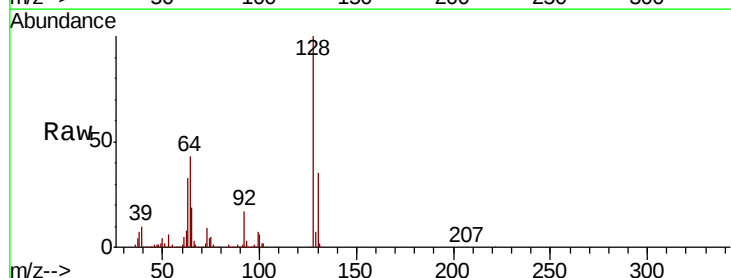
RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	128	Resp:	213324
Ion	Ratio	Lower	Upper
128	100		
130	34.6	12.6	52.6
64	42.8	27.0	67.0

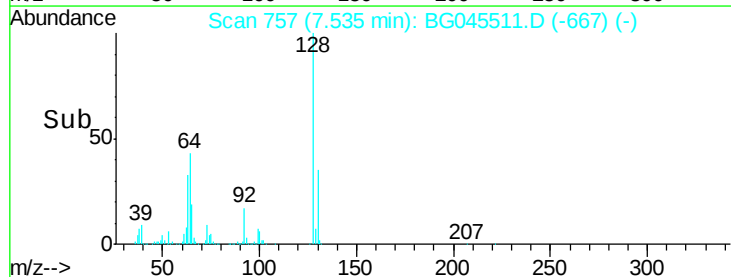
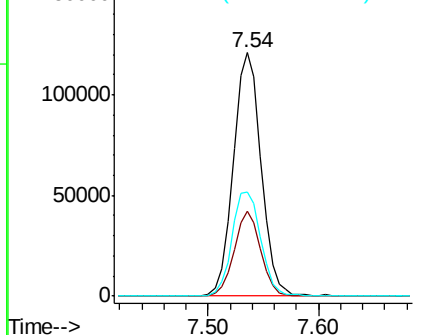


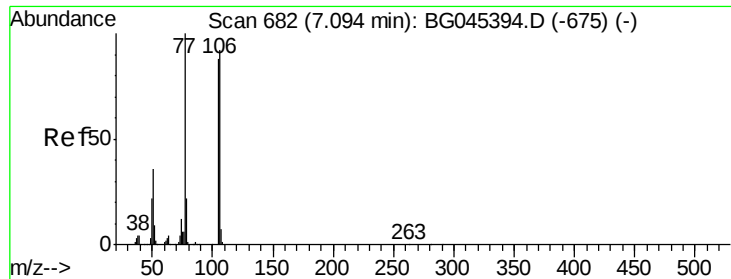
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.669 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

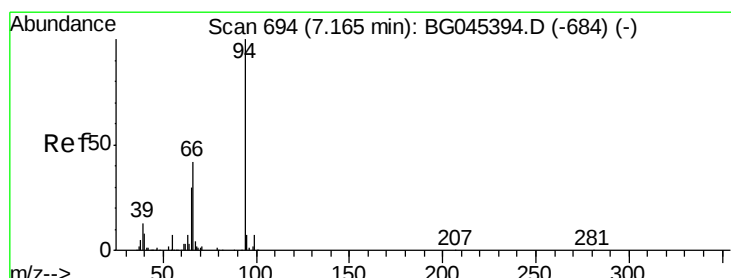
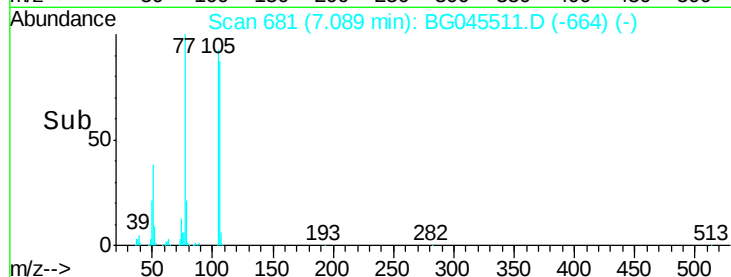
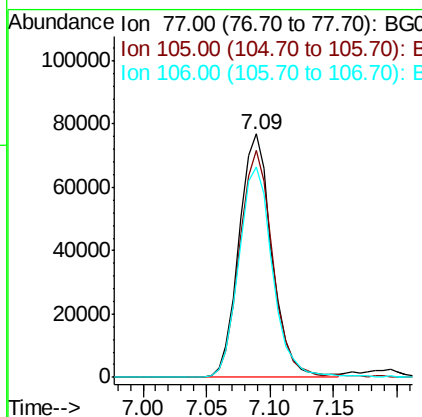
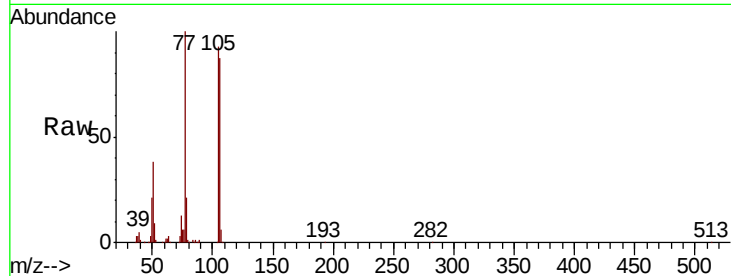
ClientSampleID :

PB129114BS

Tot Ion:	77	Resp:	138381
Ion Ratio	Lower	Upper	
77	100		
105	93.0	68.5	108.5
106	86.6	71.6	111.6

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#10

Phenol

Concen: 52.622 ng

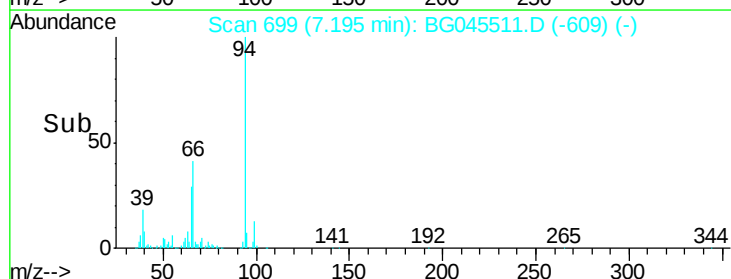
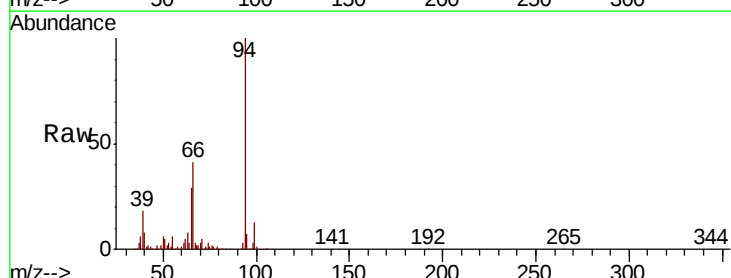
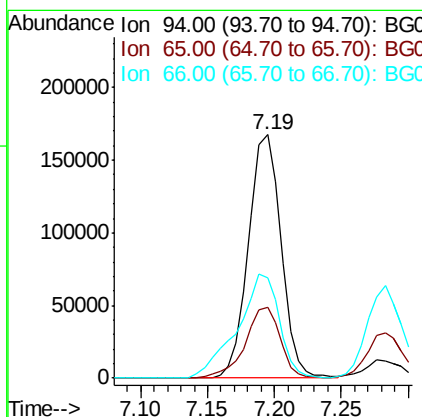
RT: 7.19 min Scan# 699

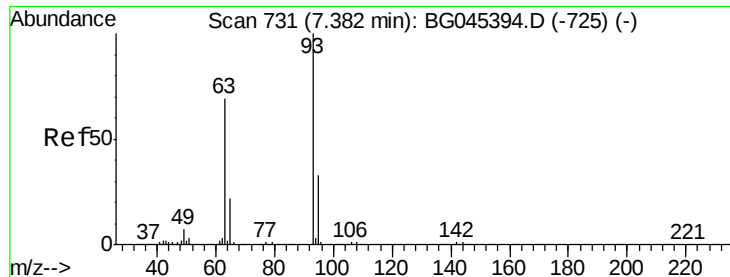
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	94	Resp:	283243
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.8	49.8
66	41.3	22.0	62.0





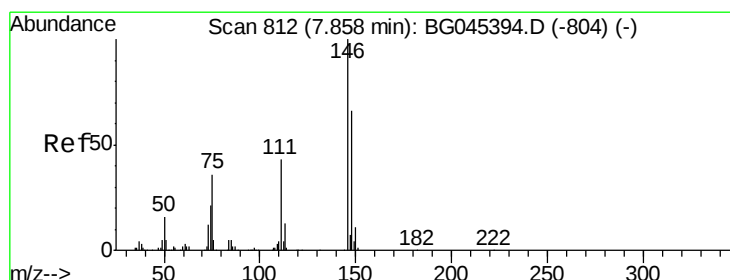
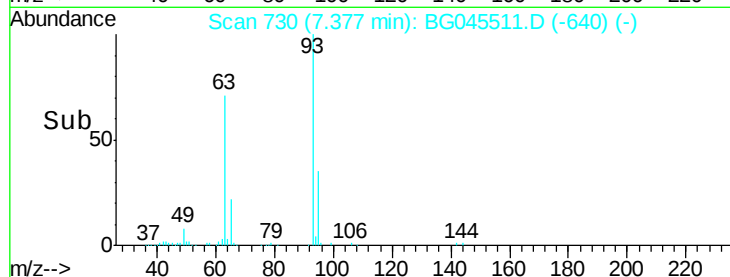
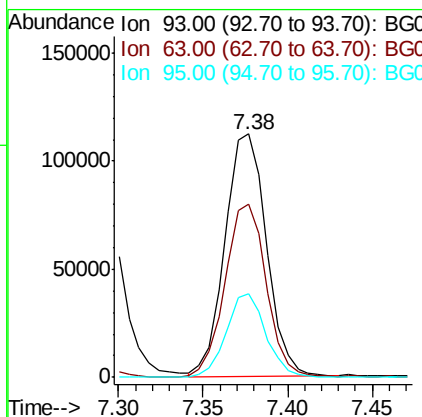
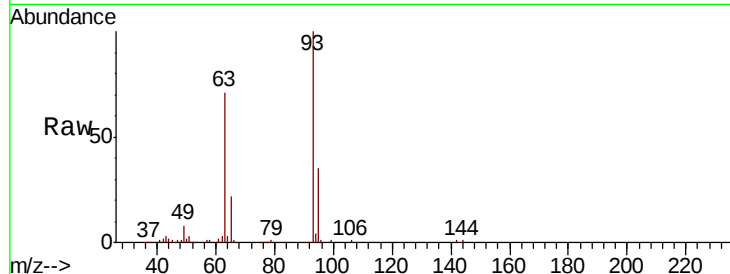
#11
bis(2-Chloroethyl)ether
Concen: 45.677 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion:	93	Resp:	191770
Ion	Ratio	Lower	Upper
93	100		
63	71.4	48.4	88.4
95	34.6	12.4	52.4

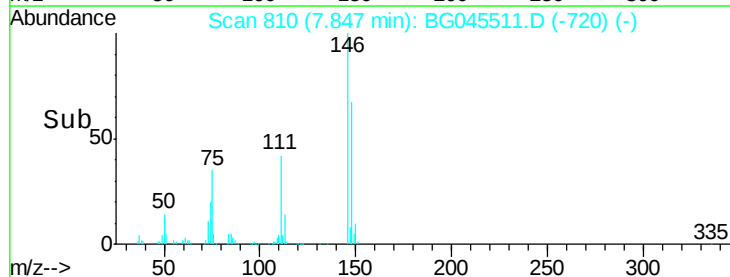
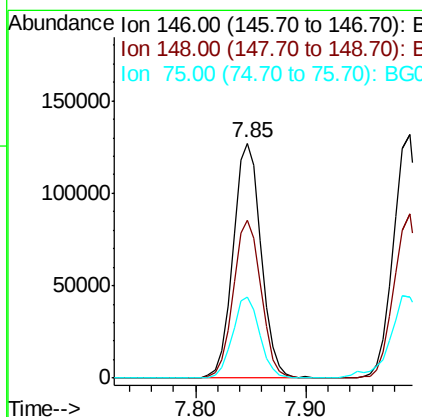
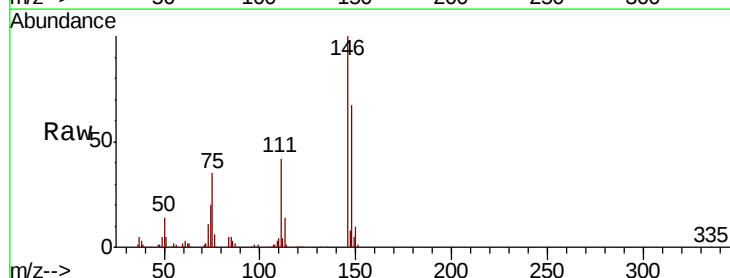
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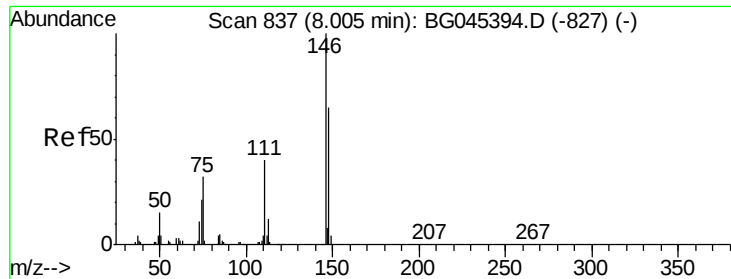
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.627 ng
RT: 7.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion:	146	Resp:	225469
Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.2	79.8
75	34.7	28.6	43.0





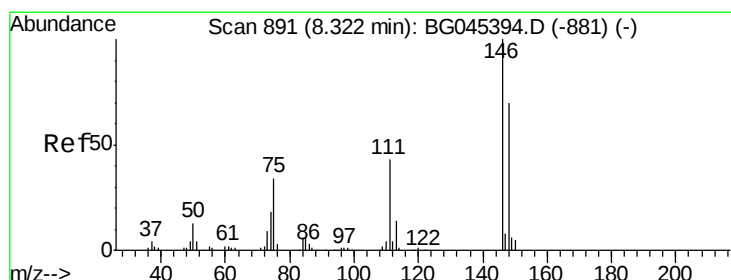
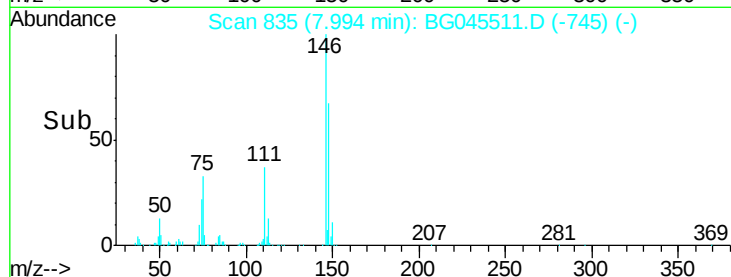
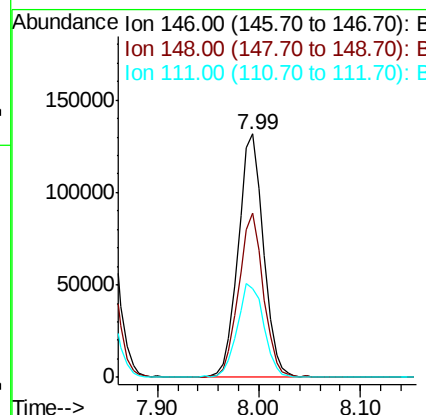
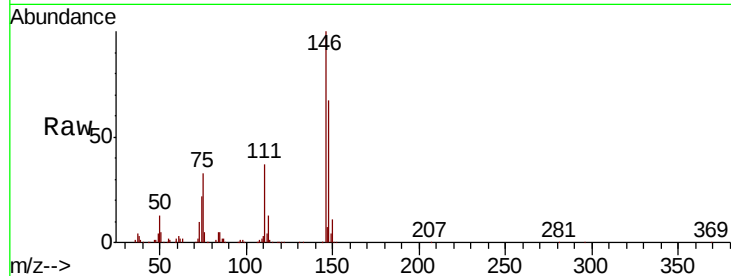
#13
 1,4-Dichlorobenzene
 Concen: 47.724 ng
 RT: 7.99 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
111	36.6	32.1	48.1

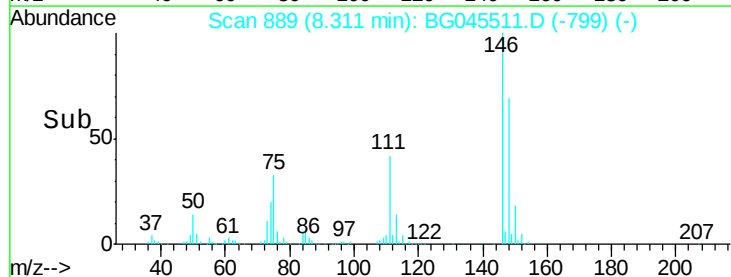
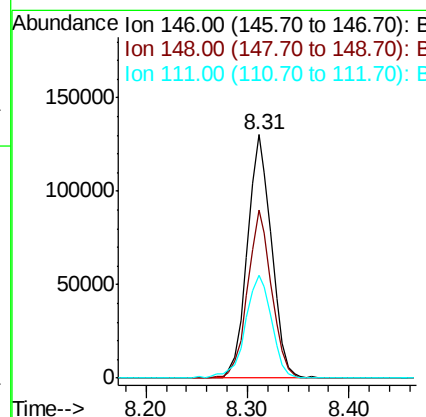
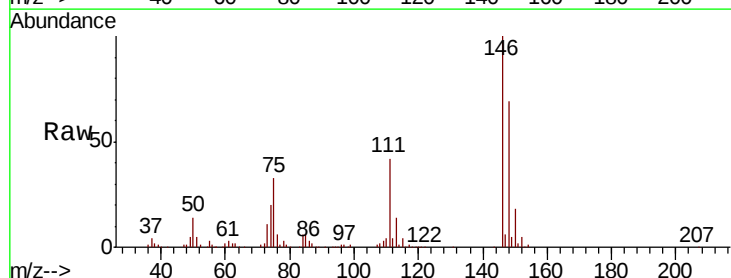
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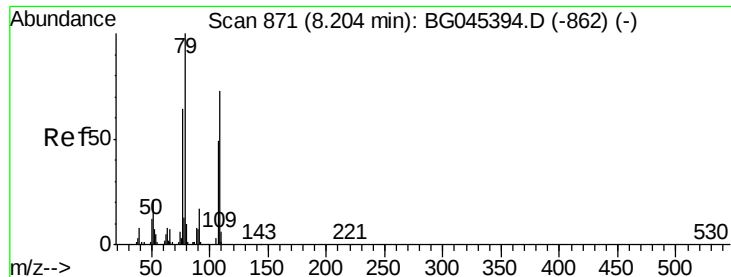
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#14
 1,2-Dichlorobenzene
 Concen: 46.685 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	55.9	83.9
111	42.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.863 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

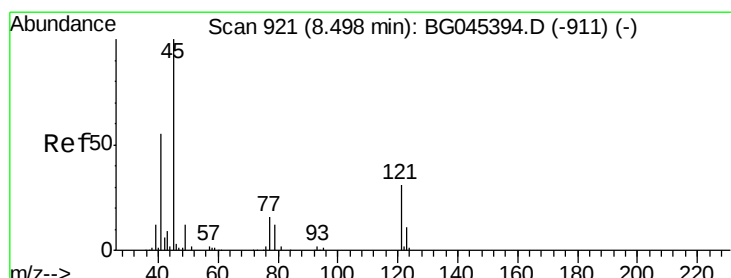
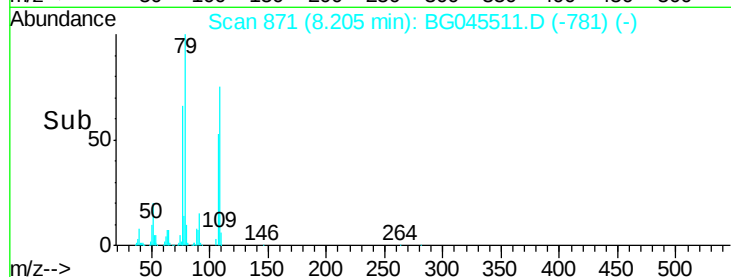
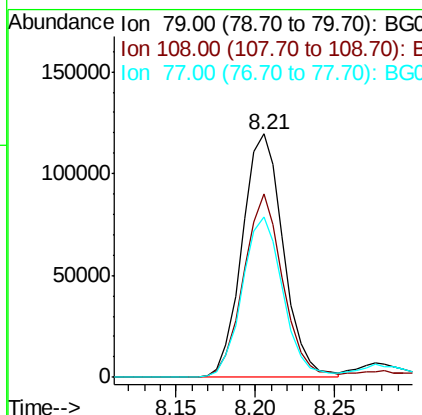
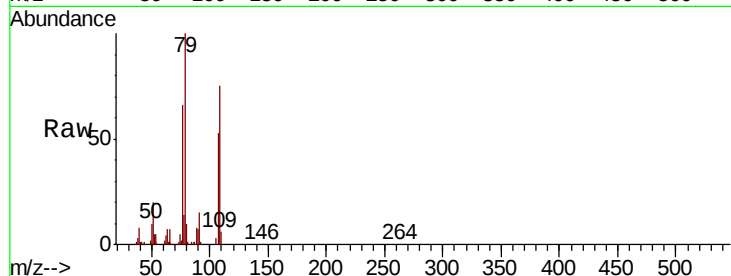
ClientSampleId :

PB129114BS

Tot Ion:	79	Resp:	215124
Ion Ratio	Lower	Upper	
79	100		
108	75.5	58.2	87.4
77	65.7	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.565 ng

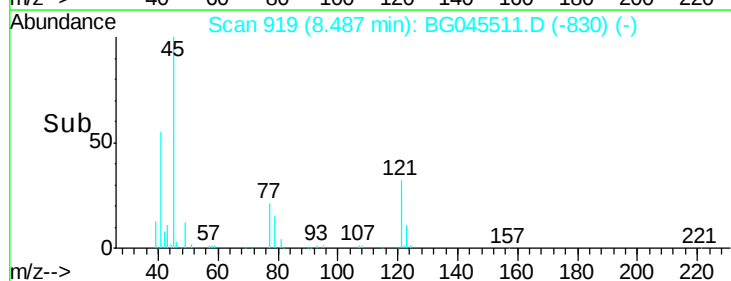
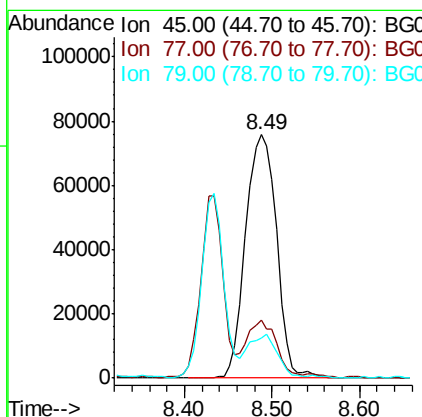
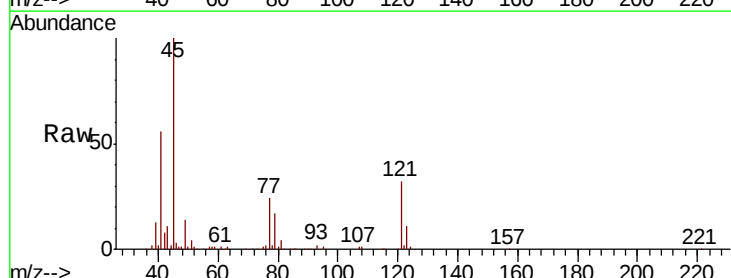
RT: 8.49 min Scan# 919

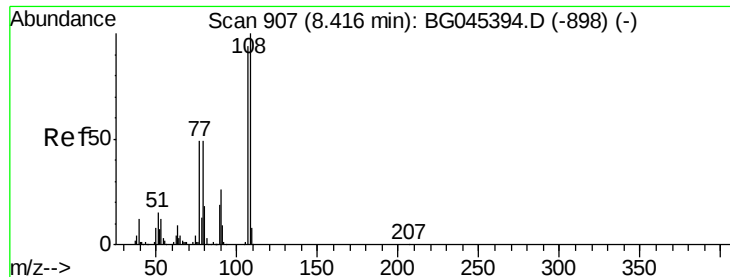
Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	45	Resp:	181587
Ion Ratio	Lower	Upper	
45	100		
77	23.8	4.0	44.0
79	16.5	0.0	38.6





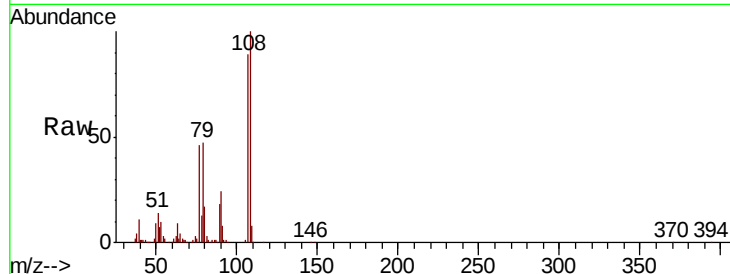
#17
2-Methylphenol
Concen: 47.791 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

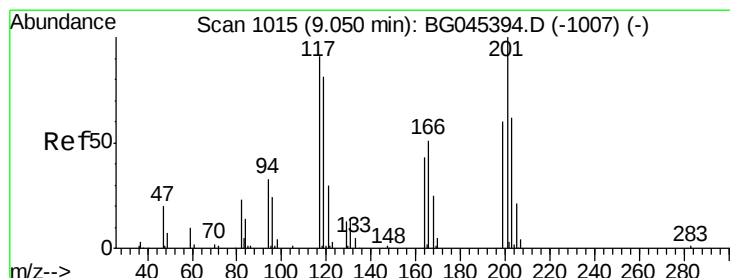
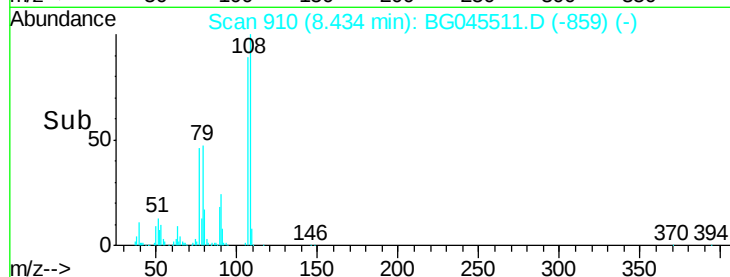
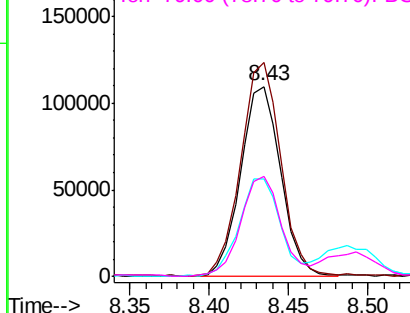
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	85.2	127.8	
77	51.5	41.6	62.4	
79	52.5	41.8	62.8	

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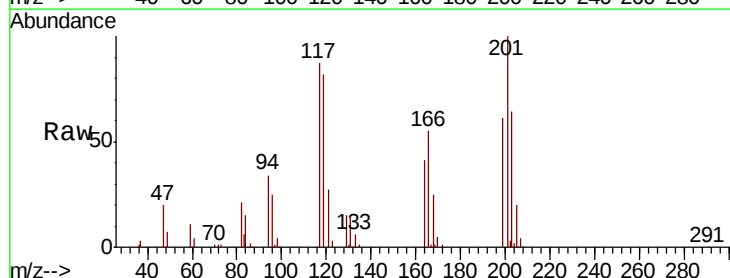


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

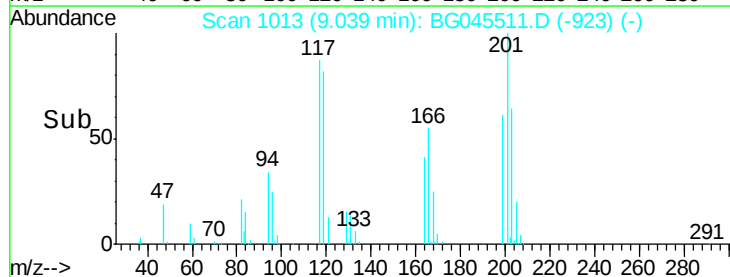
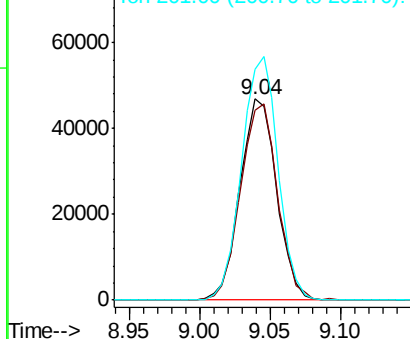


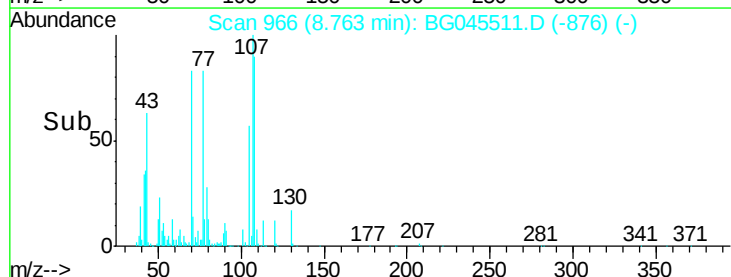
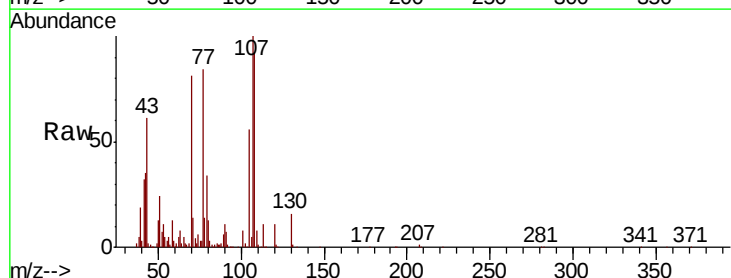
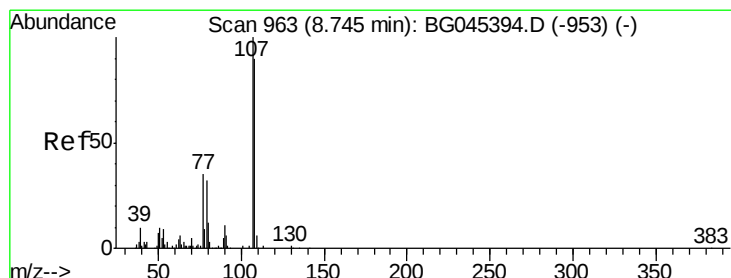
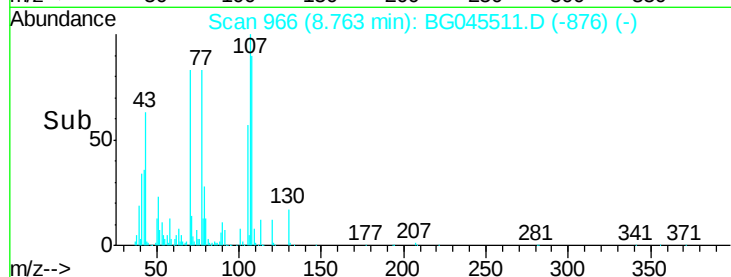
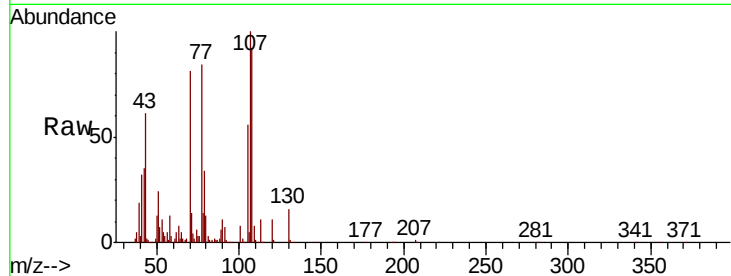
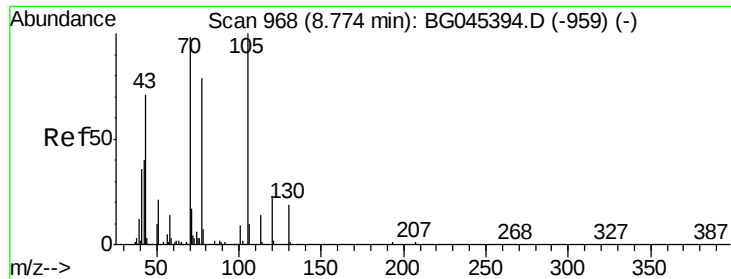
#18
Hexachloroethane
Concen: 46.769 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	71.3	106.9	
201	114.7	87.5	131.3	



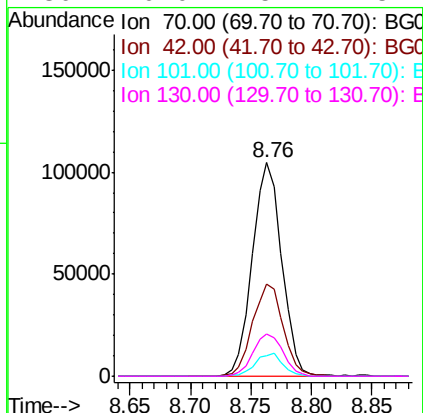
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.027 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.0	33.2	49.8		
101	9.7	7.8	11.6		
130	20.0	15.4	23.2		



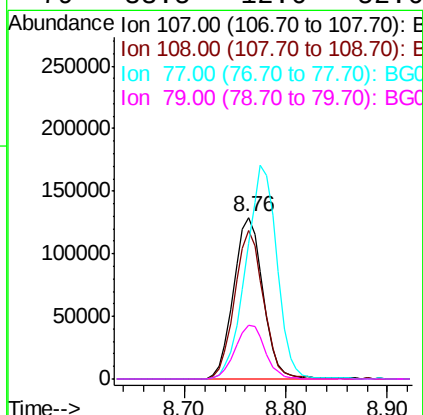
Instrument :
BNA_G
ClientSampleId :
PB129114BS

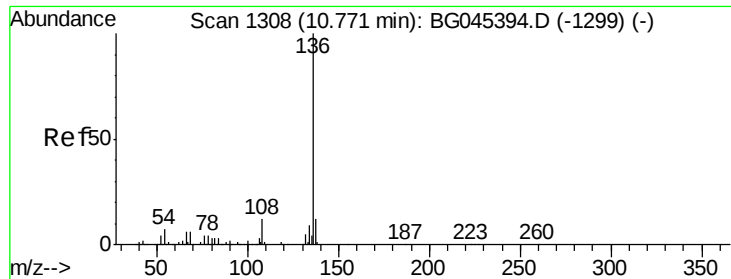
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#20
3+4-Methylphenols
Concen: 47.522 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.8	70.3	110.3		
77	84.1	15.4	55.4#		
79	33.5	12.6	52.6		





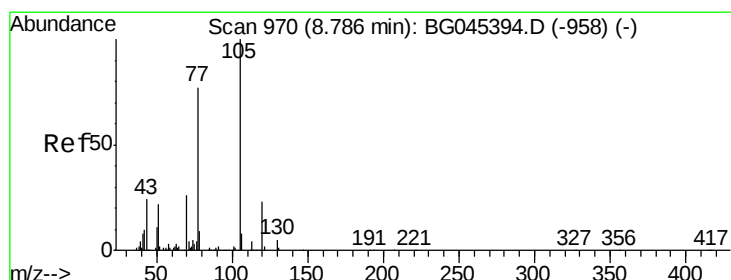
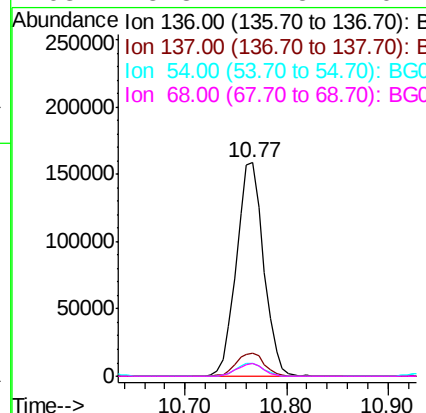
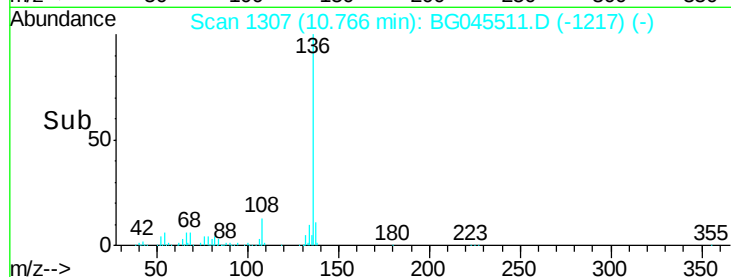
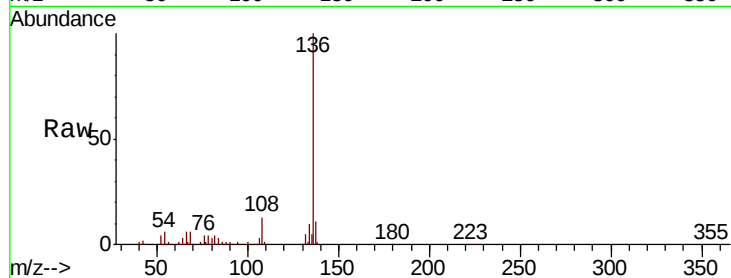
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	294755		
137	10.7		9.4	14.2
54	5.8		5.8	8.6
68	5.8		4.5	6.7

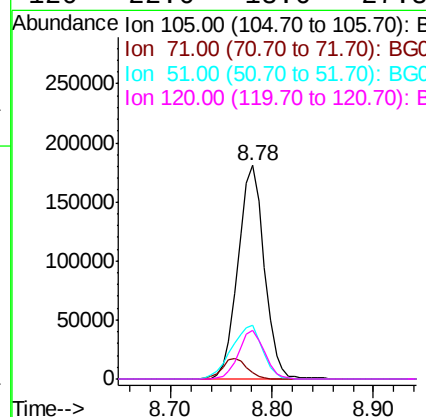
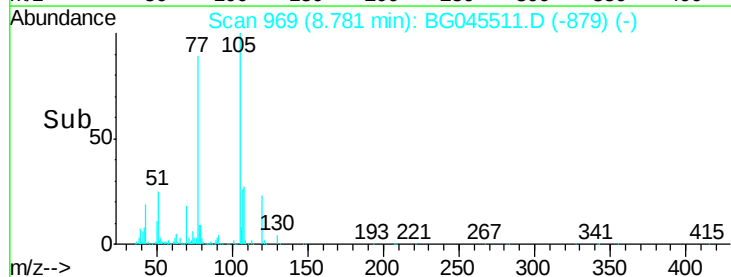
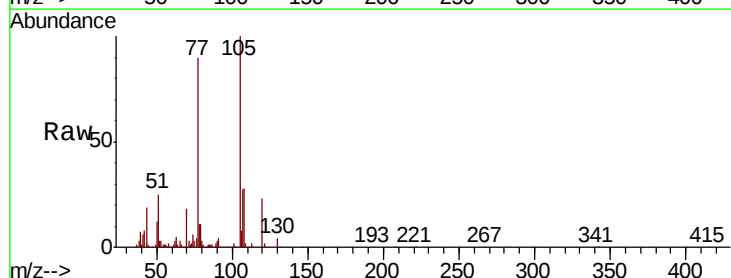
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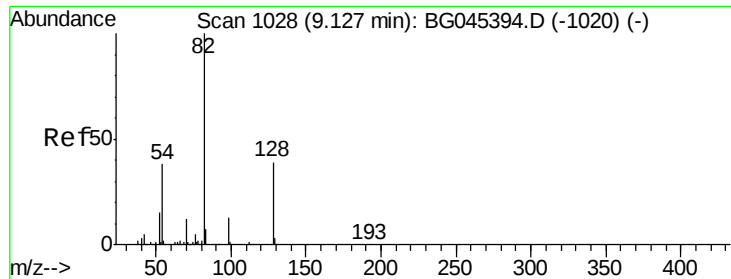
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#22
Acetophenone
Concen: 46.588 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	325461		
71	3.0		3.4	5.0#
51	25.3		18.2	27.2
120	22.6		18.6	27.8





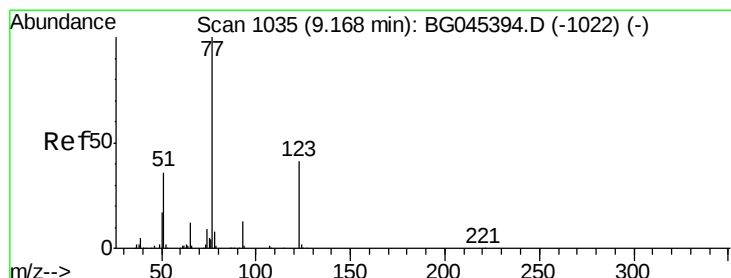
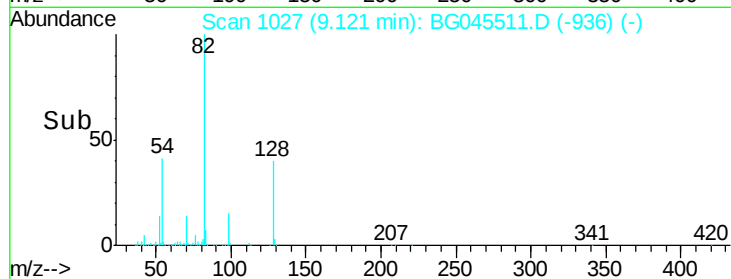
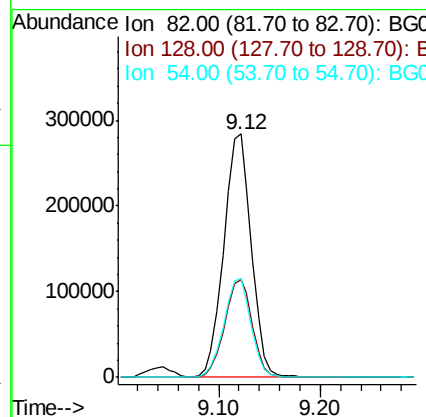
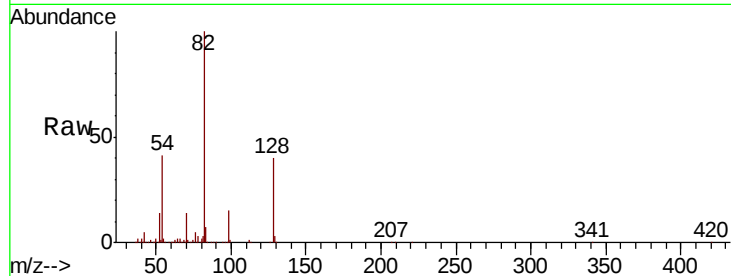
#23
 Nitrobenzene-d5
 Concen: 98.216 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	530881		
128	40.2		30.9	46.3
54	40.7		30.3	45.5

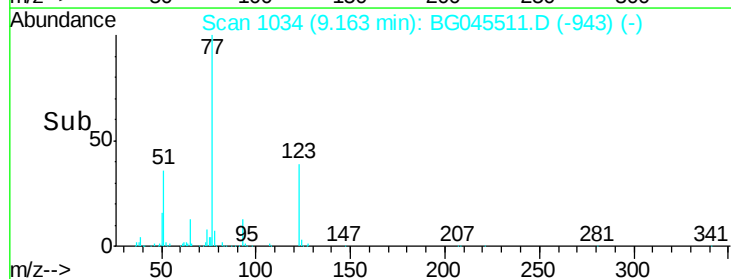
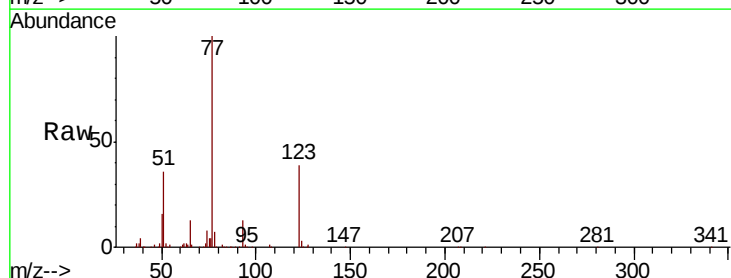
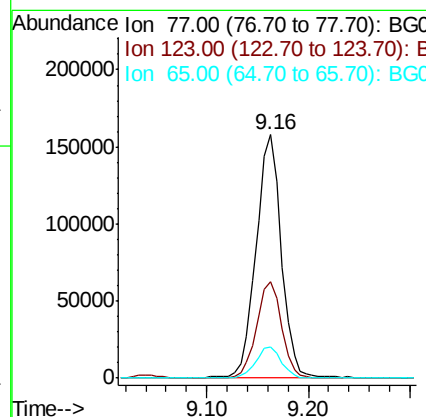
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#24
 Nitrobenzene
 Concen: 46.865 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	271398		
123	39.4		32.9	49.3
65	12.7		9.4	14.2





#25

Isophorone

Concen: 46.725 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

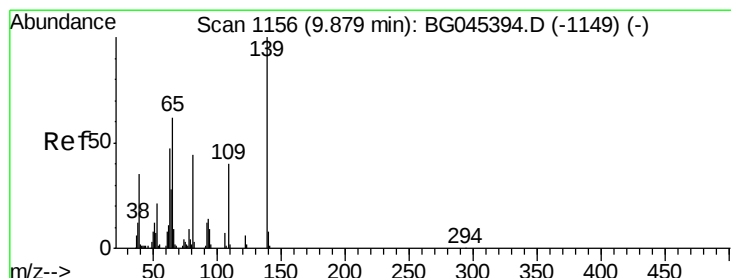
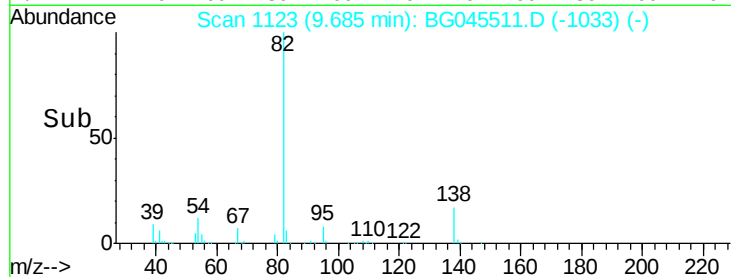
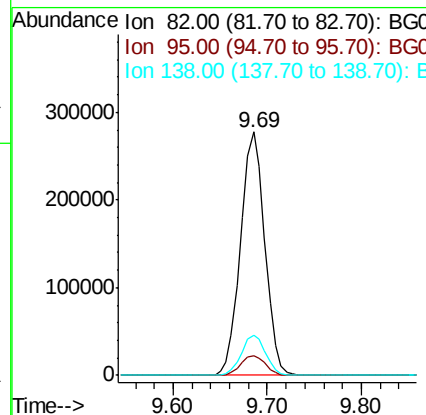
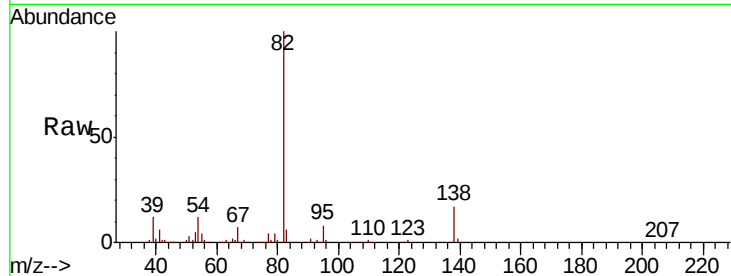
ClientSampleId :

PB129114BS

Tot Ion	82	Resp	497384
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.7	10.1
138	16.7	12.2	18.4

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#26

2-Nitrophenol

Concen: 50.604 ng

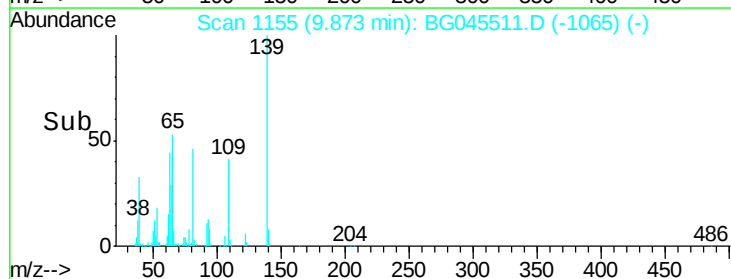
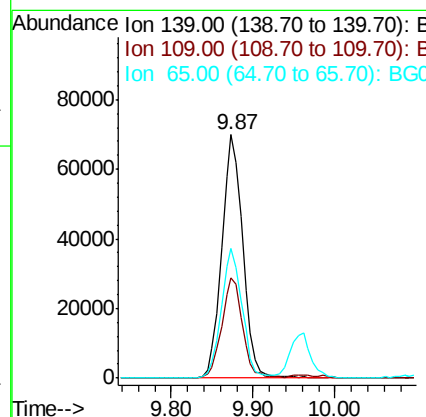
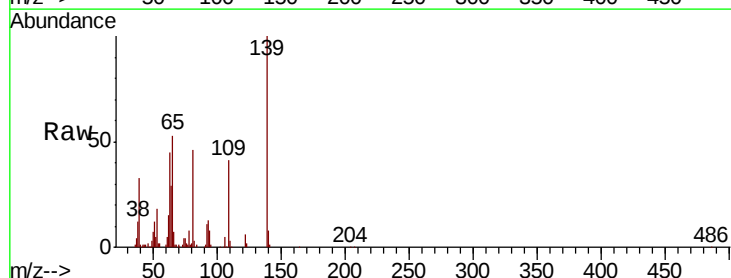
RT: 9.87 min Scan# 1155

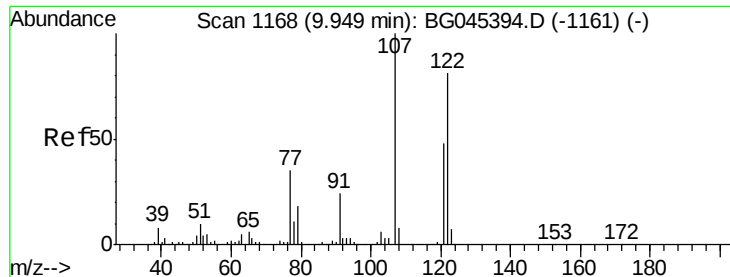
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion	139	Resp	125364
Ion Ratio	Lower	Upper	
139	100		
109	41.2	32.2	48.4
65	53.1	49.6	74.4





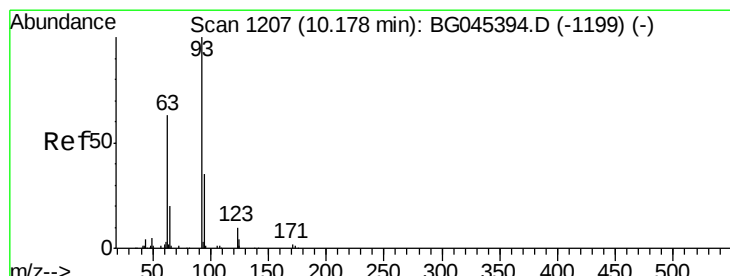
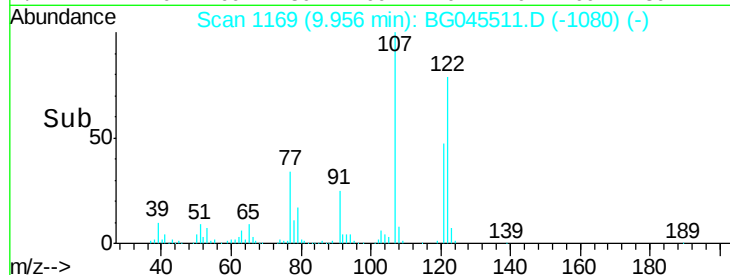
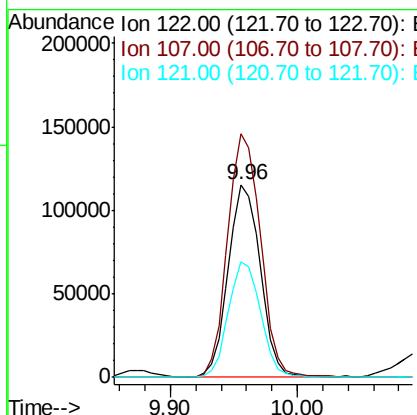
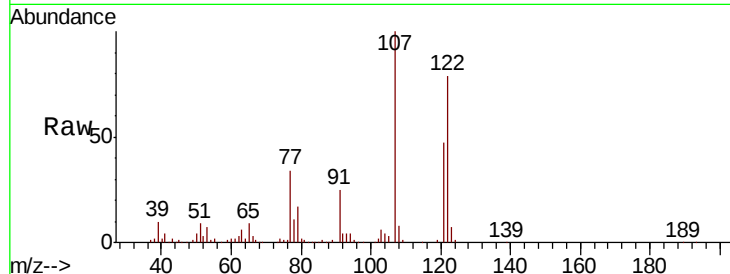
#27
 2,4-Dimethylphenol
 Concen: 55.280 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion:	122	Resp:	203117
Ion Ratio	Lower	Upper	
122	100		
107	126.3	99.0	148.4
121	60.0	47.7	71.5

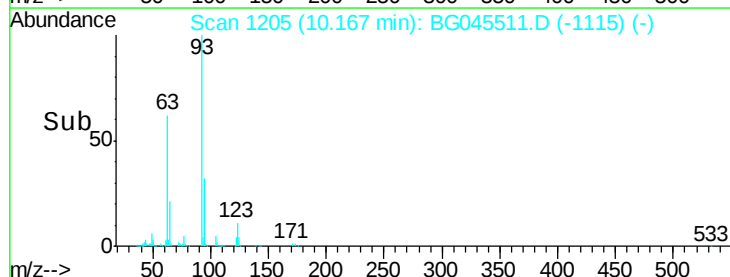
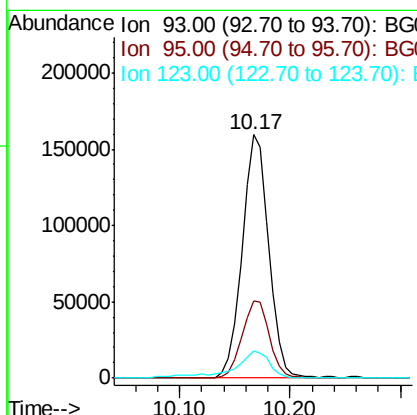
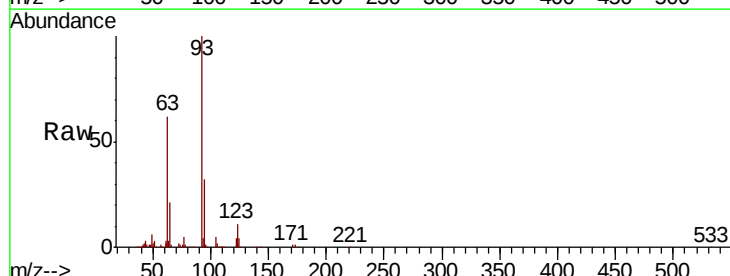
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.216 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:	93	Resp:	269170
Ion Ratio	Lower	Upper	
93	100		
95	31.7	27.6	41.4
123	11.0	8.1	12.1





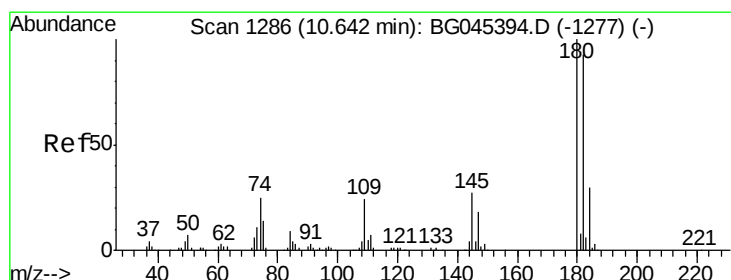
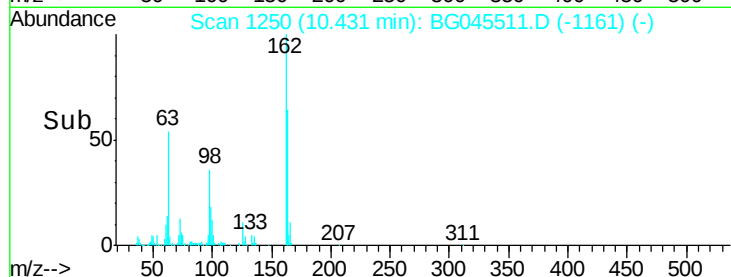
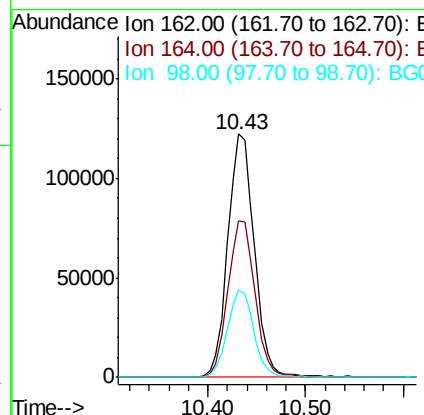
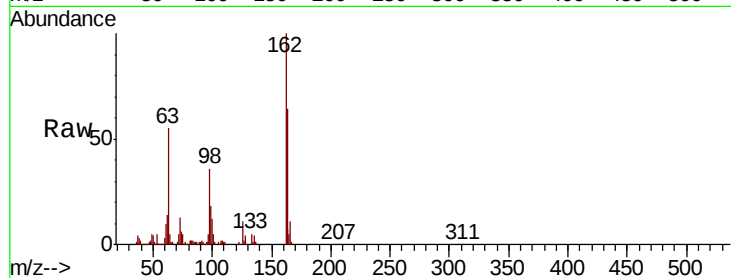
#29
2,4-Dichlorophenol
Concen: 53.062 ng
RT: 10.43 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.8	86.8
98	35.9	15.2	55.2

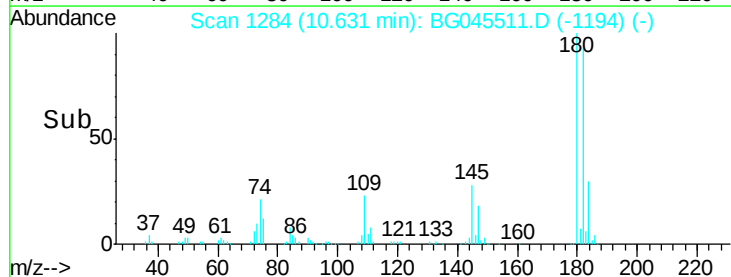
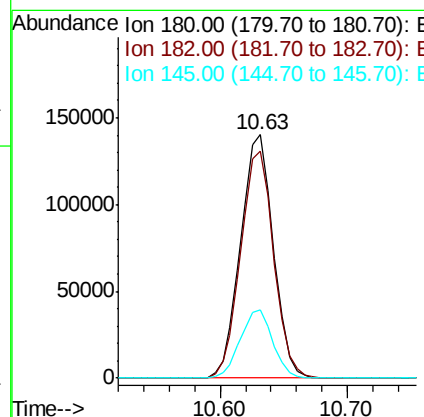
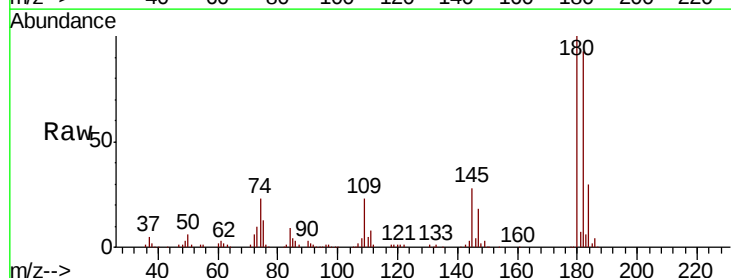
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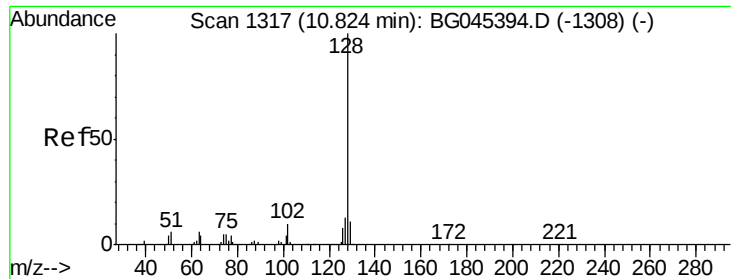
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#30
1,2,4-Trichlorobenzene
Concen: 48.834 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.1	74.8	112.2
145	27.8	21.9	32.9





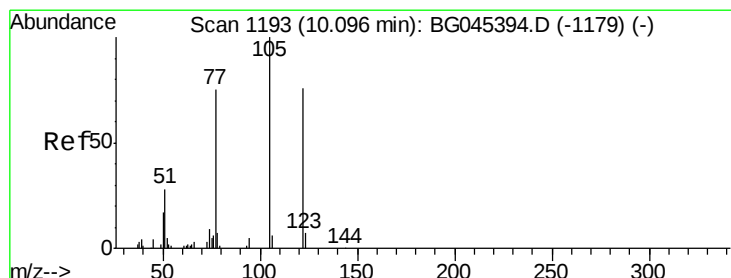
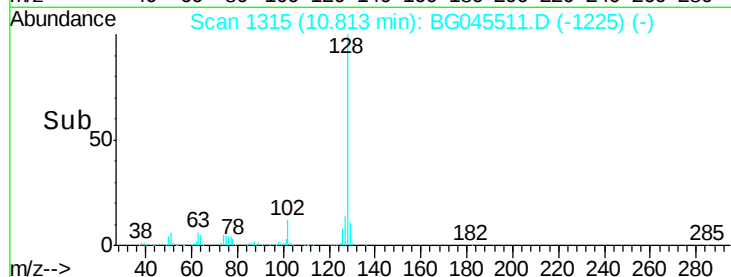
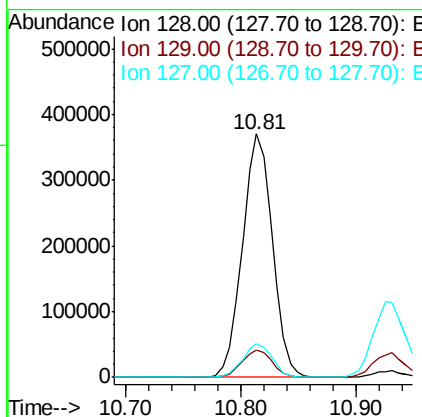
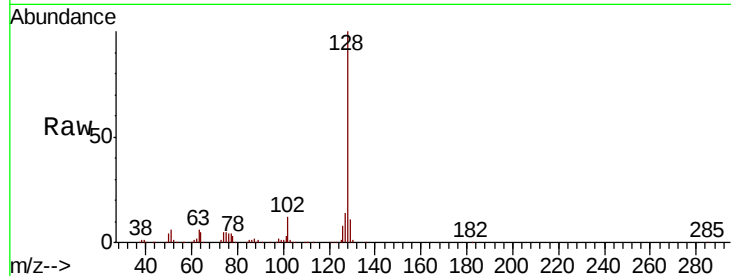
#31
Naphthalene
Concen: 48.644 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.8	10.7	16.1

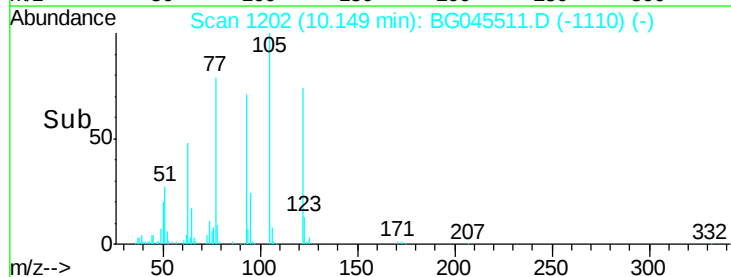
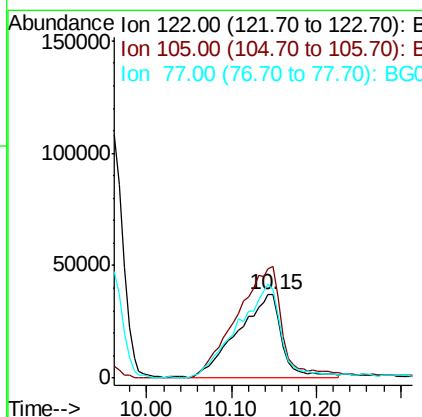
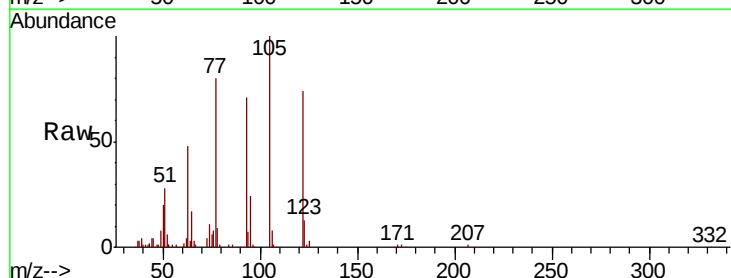
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#32
Benzoic acid
Concen: 52.333 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.3	107.9	147.9
77	106.8	78.9	118.9





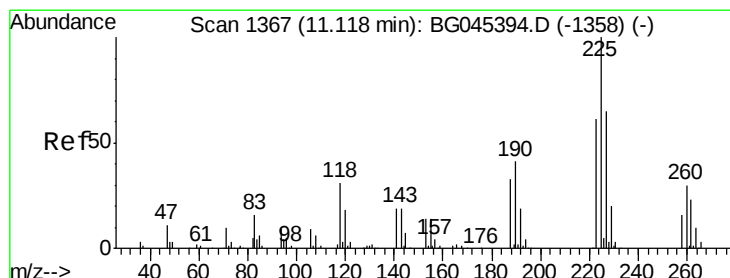
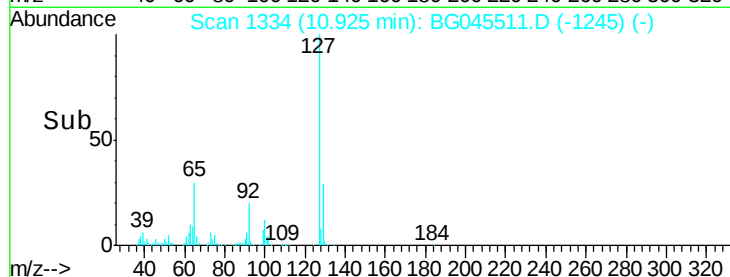
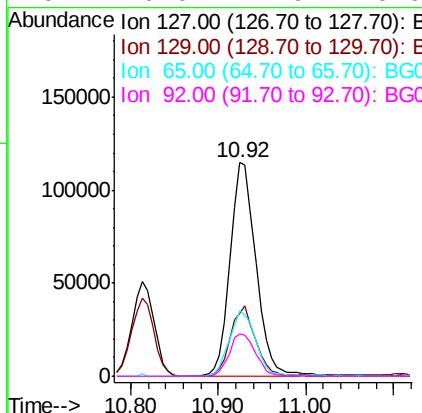
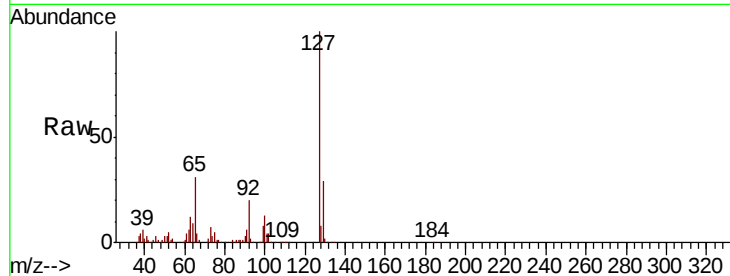
#33
4-Chloroaniline
Concen: 40.611 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.4	24.7	37.1		
65	30.6	26.2	39.2		
92	20.0	17.9	26.9		

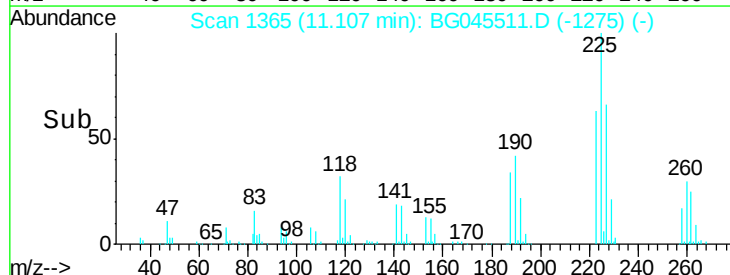
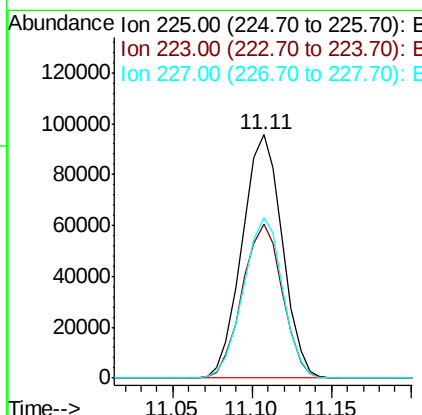
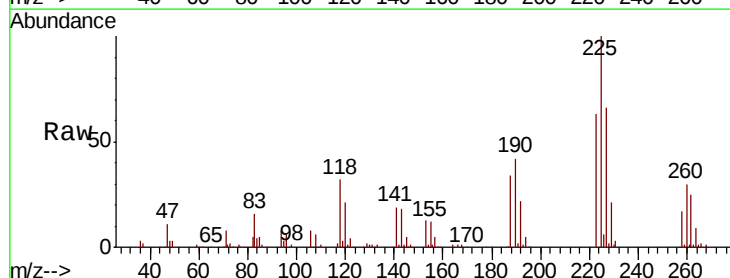
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#34
Hexachlorobutadiene
Concen: 46.528 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.1	73.7		
227	66.0	52.0	78.0		





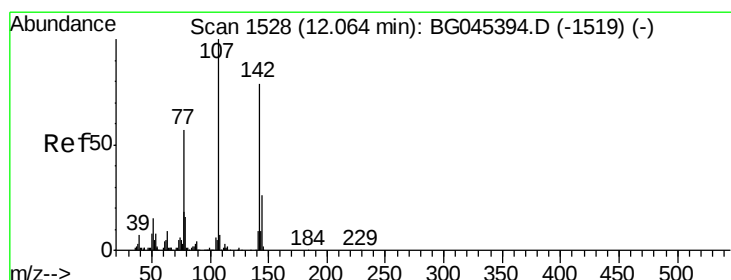
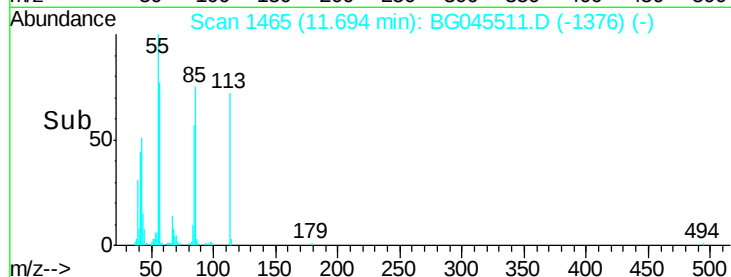
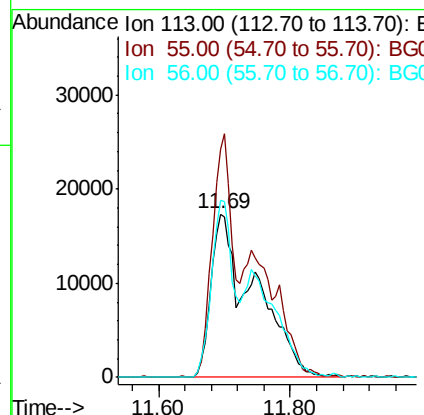
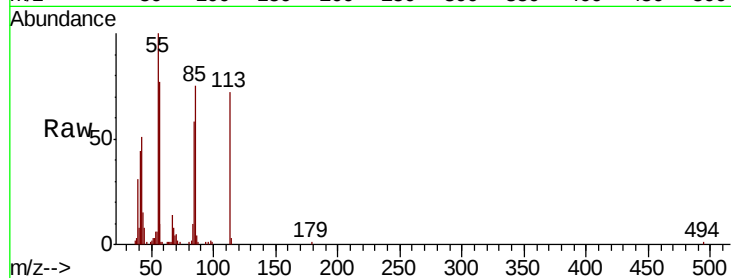
#35
Caprolactam
Concen: 49.373 ng/ml
RT: 11.69 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.7	96.0	136.0
56	108.0	75.1	115.1

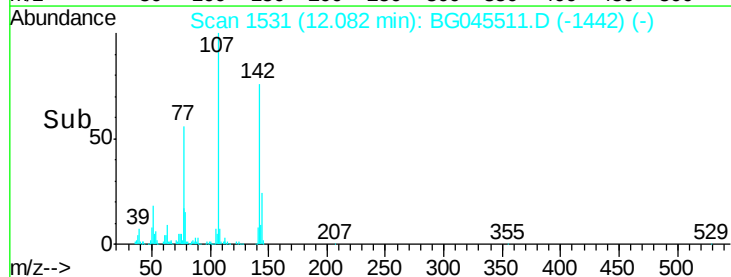
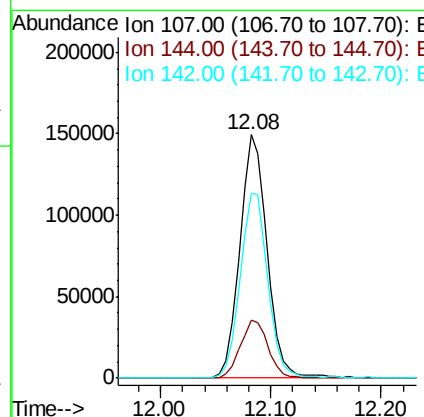
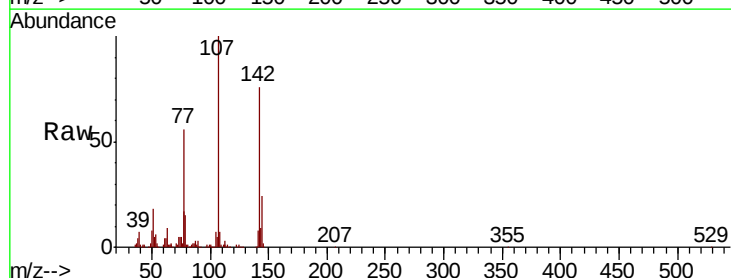
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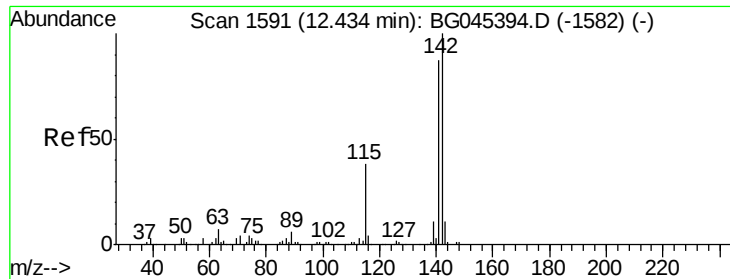
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#36
4-Chloro-3-methylphenol
Concen: 52.871 ng
RT: 12.08 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.8	31.2
142	76.1	62.8	94.2





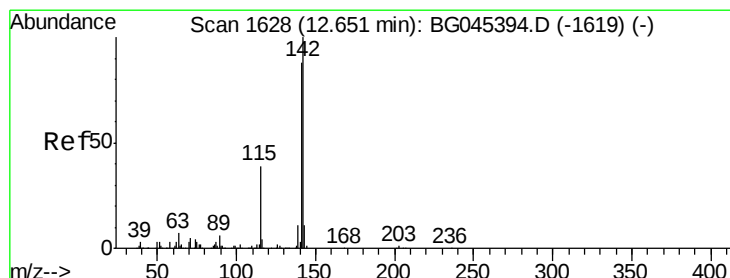
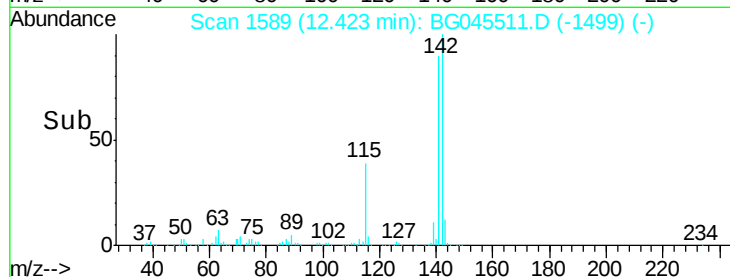
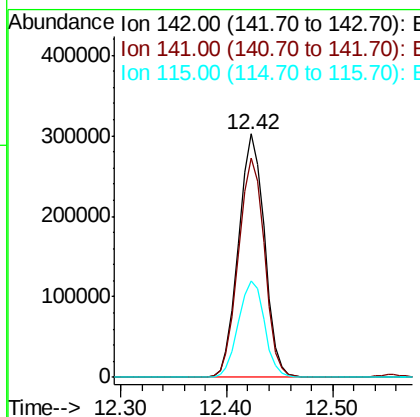
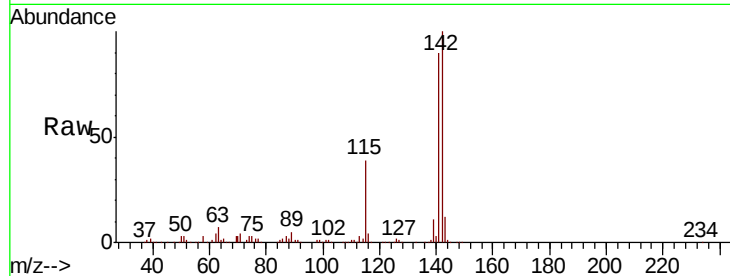
#37
2-Methylnaphthalene
Concen: 50.221 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.0	105.0
115	39.3	30.8	46.2

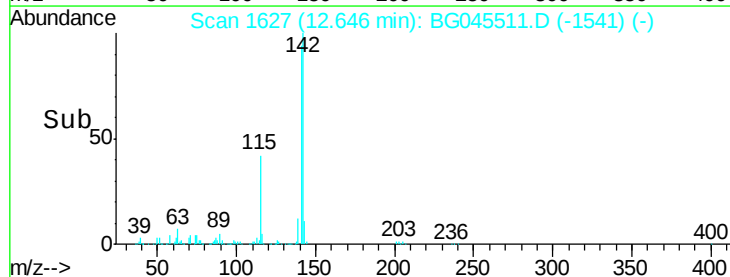
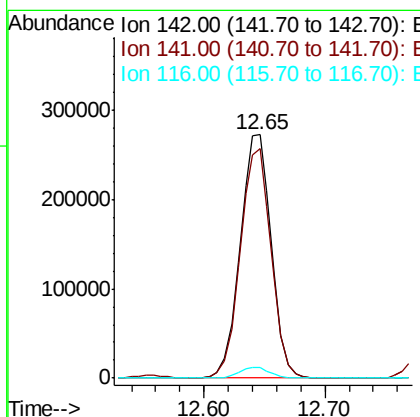
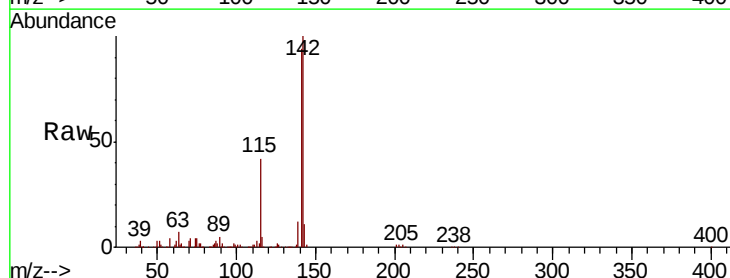
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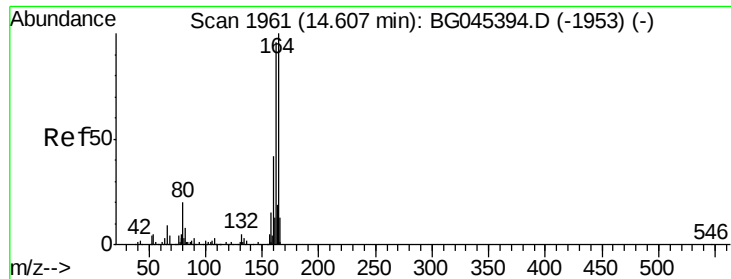
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#38
1-Methylnaphthalene
Concen: 50.253 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

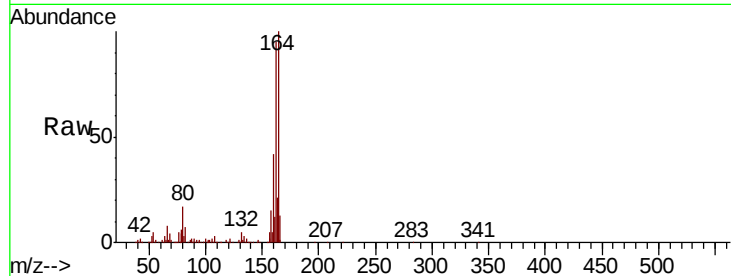
ClientSampleId :

PB129114BS

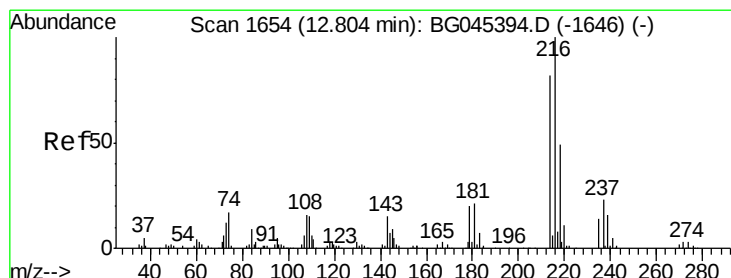
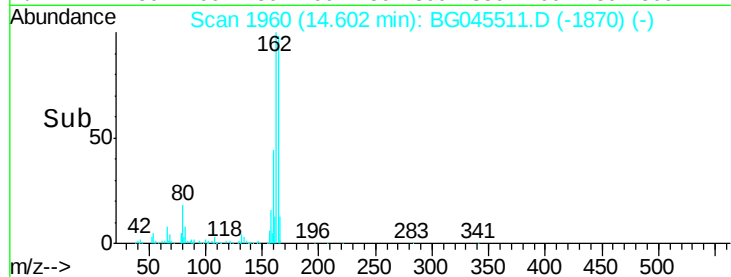
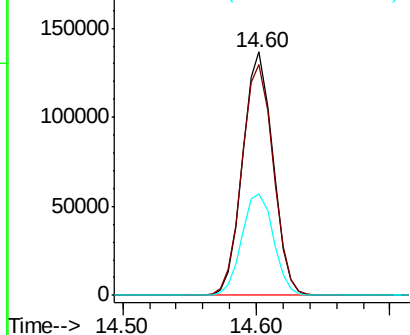
Tot Ion:	164	Resp:	213303
Ion Ratio	Lower	Upper	
164	100		
162	94.8	76.9	115.3
160	41.8	33.8	50.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.925 ng

RT: 12.79 min Scan# 1652

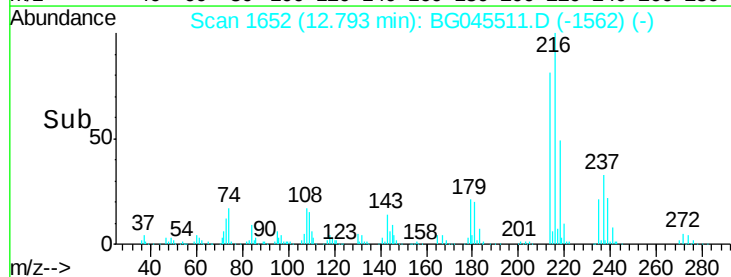
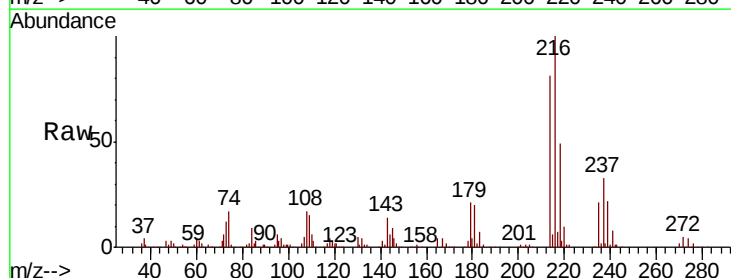
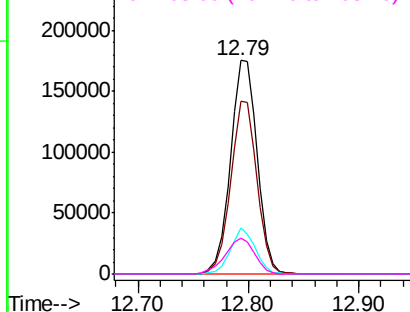
Delta R.T. 0.00 min

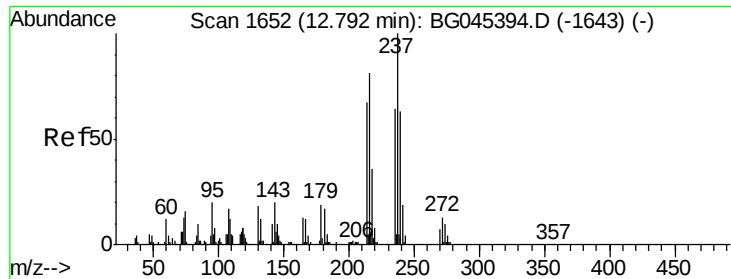
Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	216	Resp:	297447
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.7	95.5
179	20.0	16.1	24.1
108	18.5	13.8	20.6

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





#41

Hexachlorocyclopentadiene

Concen: 82.946 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

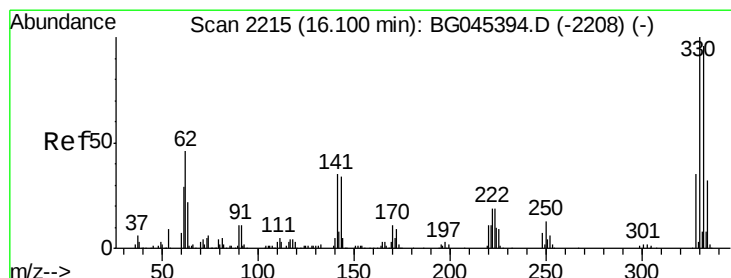
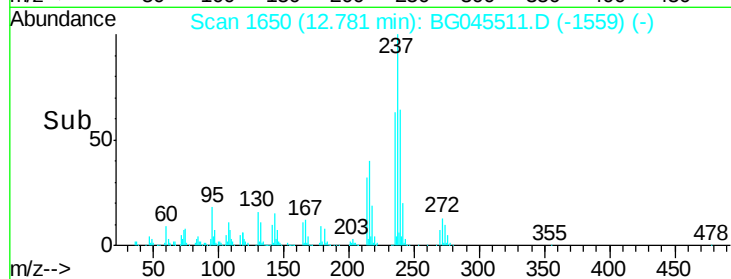
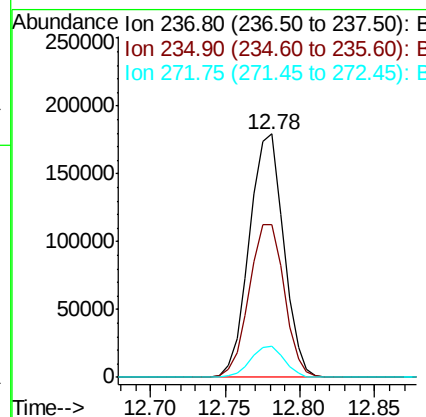
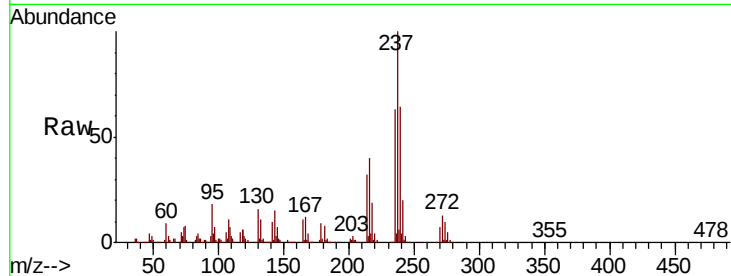
ClientSampleId :

PB129114BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.4	84.4
272	13.0	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 146.883 ng

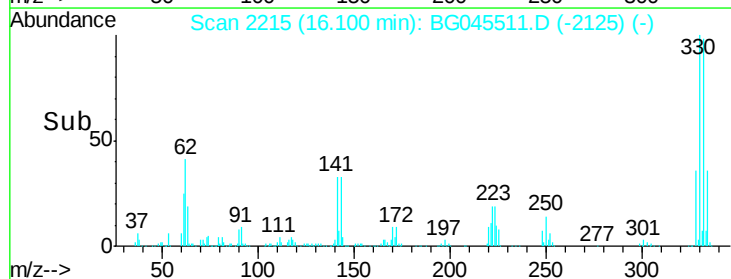
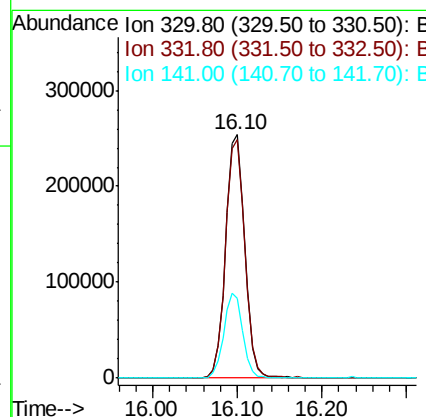
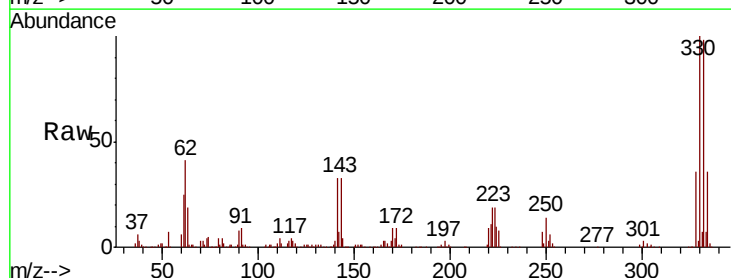
RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.5	78.2	117.4
141	34.9	28.2	42.4





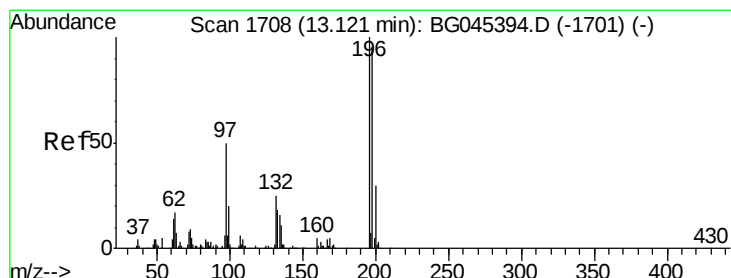
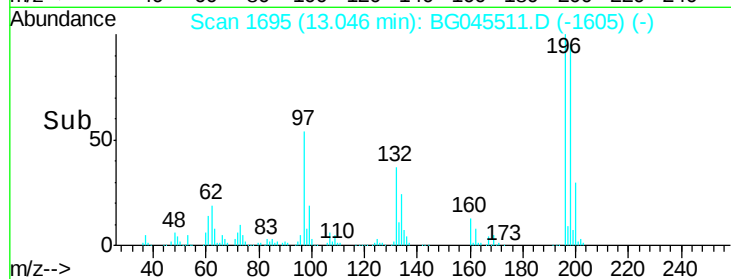
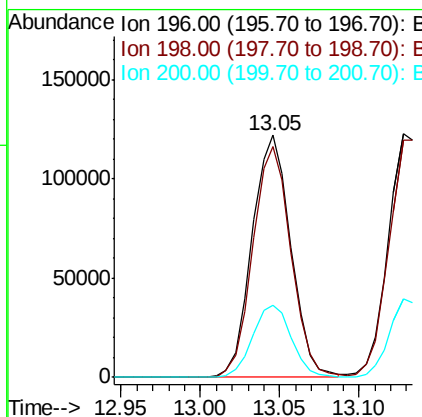
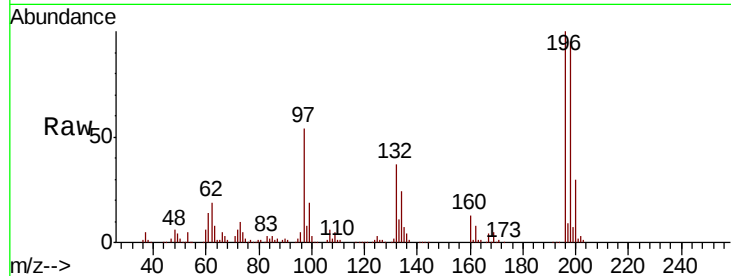
#43
 2,4,6-Trichlorophenol
 Concen: 49.927 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion:	196	Resp:	206635
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.7	115.1
200	29.9	24.9	37.3

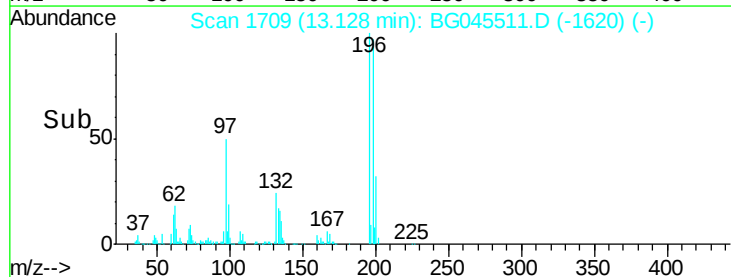
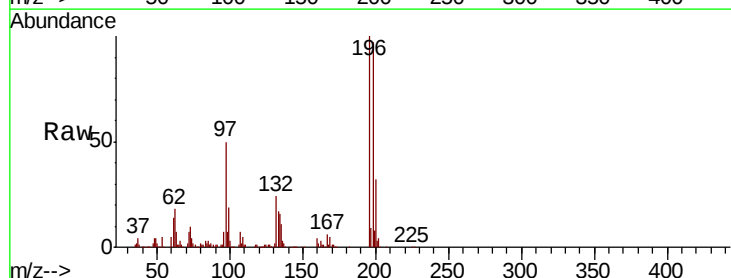
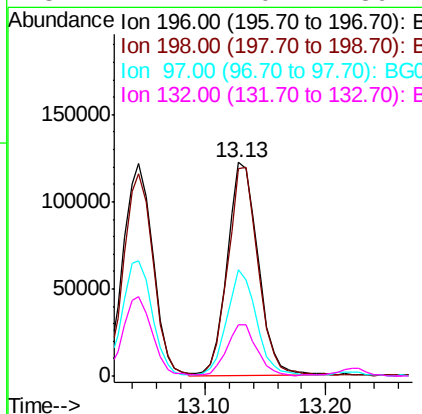
Manual Integrations
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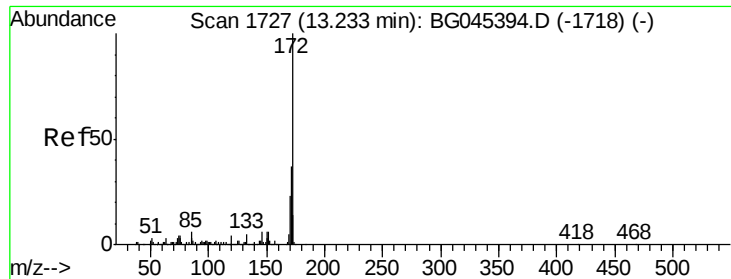
mohammad
 5/29/2020 10:27:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.041 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:	196	Resp:	217748
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.1	114.1
97	49.9	40.0	60.0
132	24.2	20.2	30.2





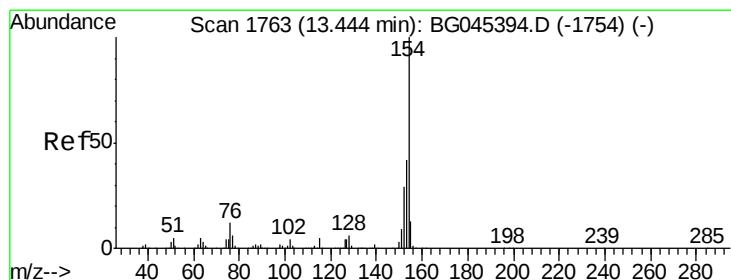
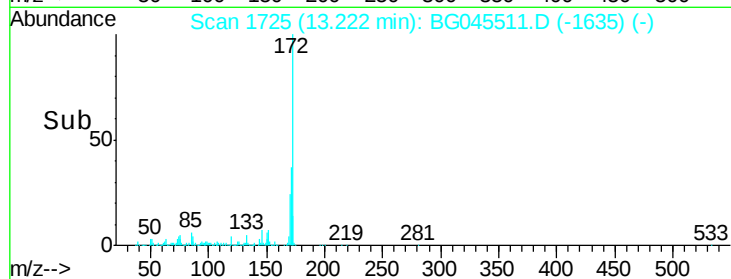
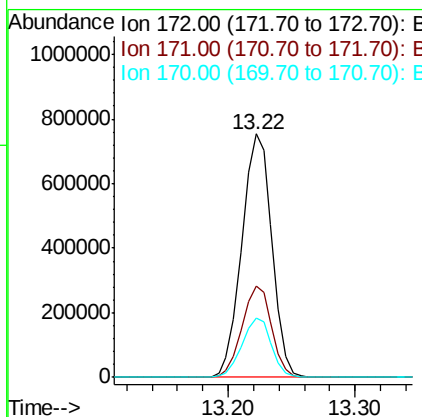
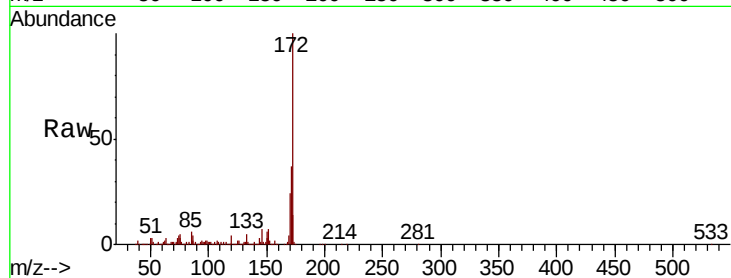
#45
2-Fluorobiphenyl
Concen: 98.386 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	24.3	18.5	27.7

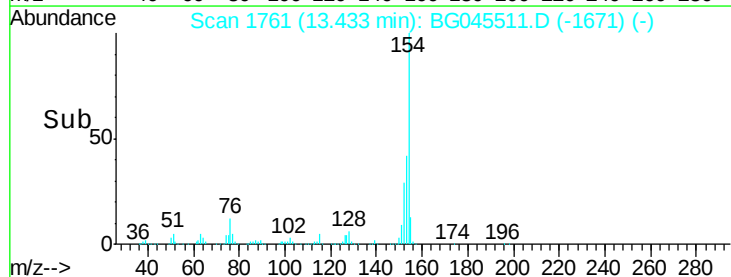
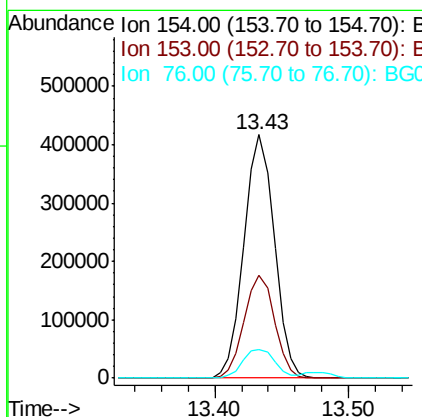
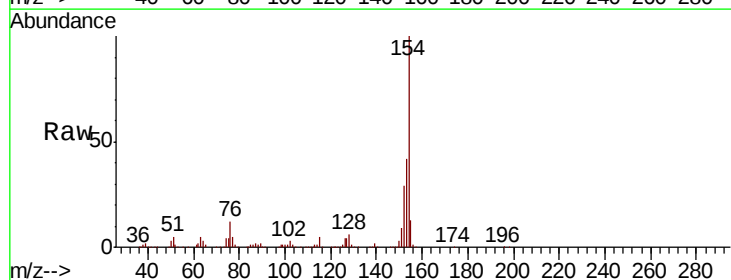
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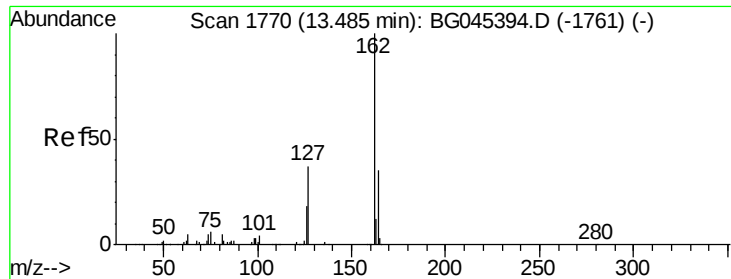
mohammad
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#46
1,1'-Biphenyl
Concen: 50.113 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.2	62.2
76	11.9	0.0	32.4





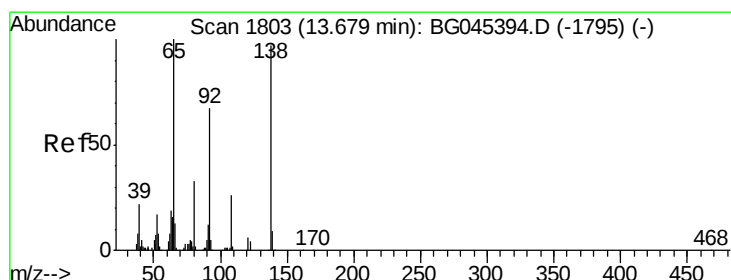
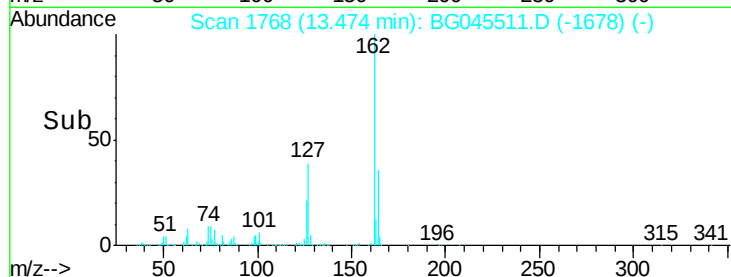
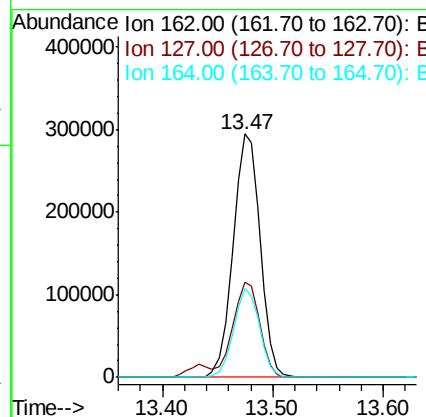
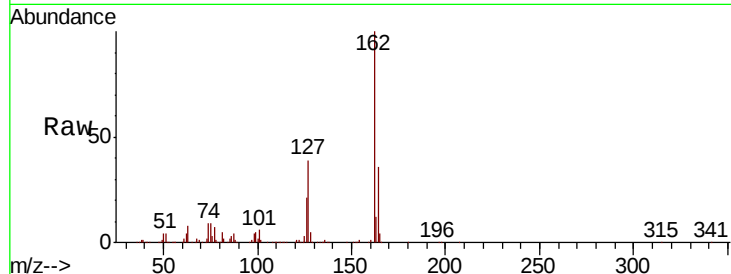
#47
2-Chloronaphthalene
Concen: 47.506 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	31.6	47.4	
164	36.3	28.1	42.1	

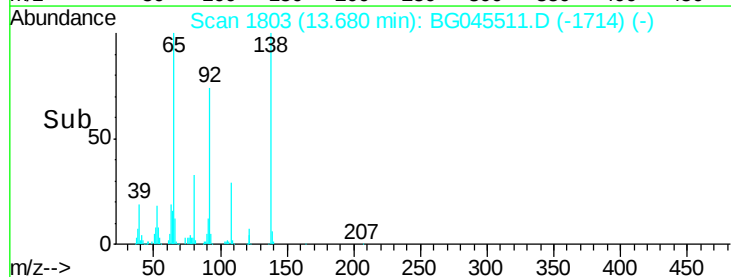
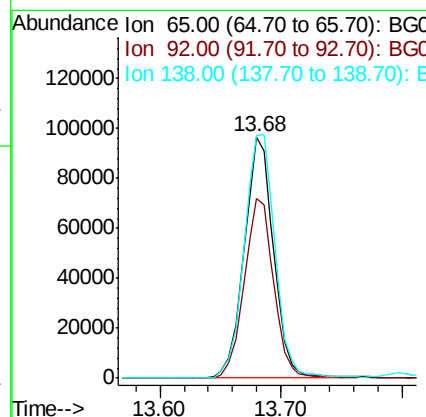
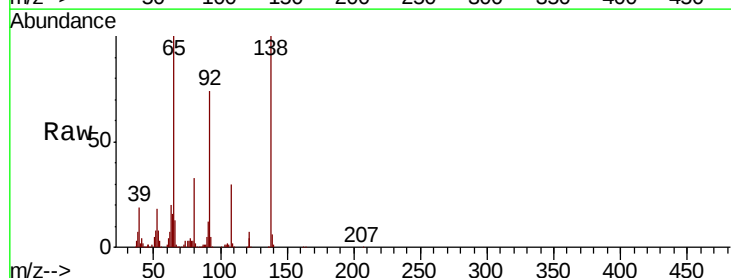
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#48
2-Nitroaniline
Concen: 46.751 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.2	53.8	80.8	
138	100.4	77.9	116.9	





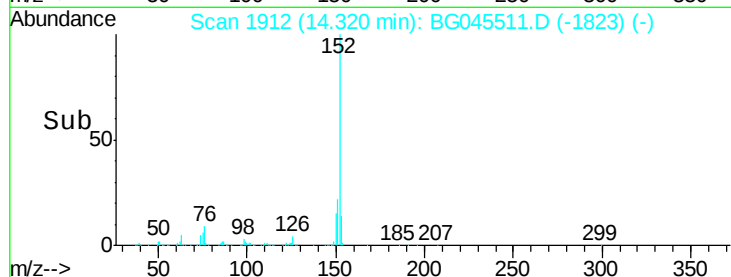
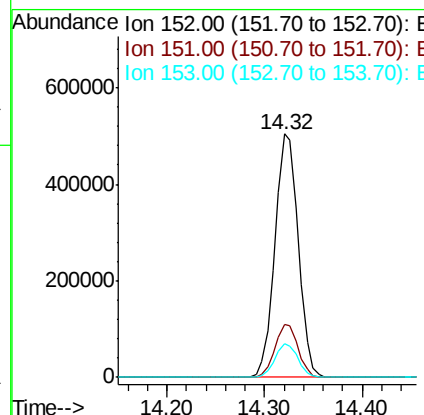
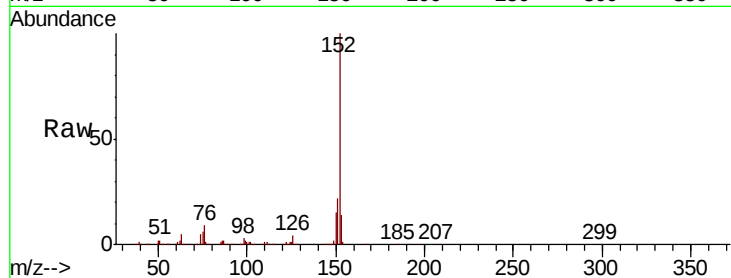
#49
Acenaphthylene
Concen: 49.216 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	841360		
151	21.7		17.4	26.2
153	13.8		10.7	16.1

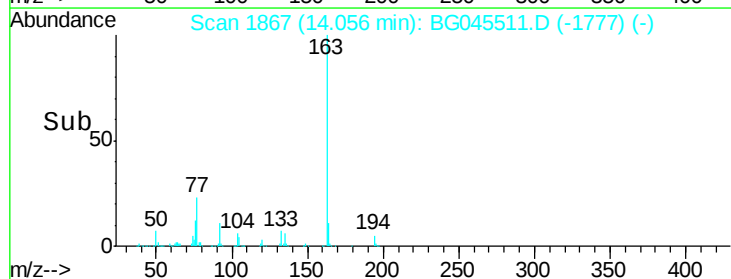
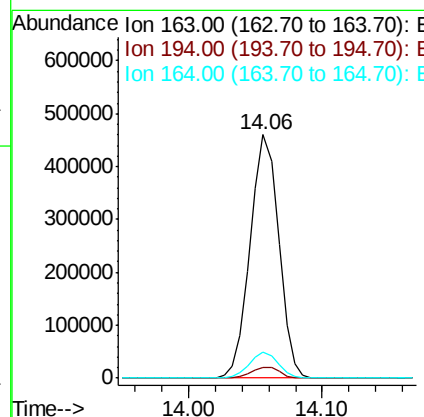
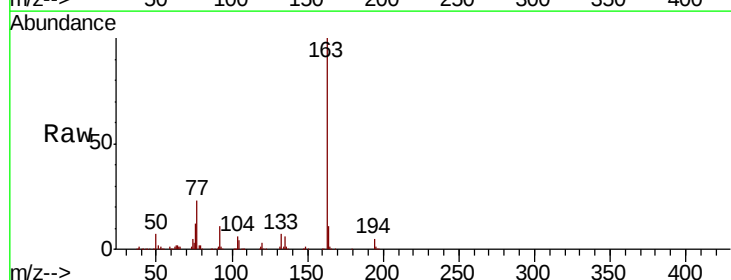
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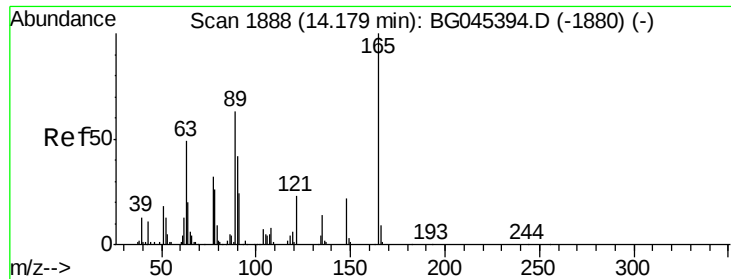
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#50
Dimethylphthalate
Concen: 46.551 ng
RT: 14.06 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	681159		
194	4.6		3.2	4.8
164	10.9		8.3	12.5





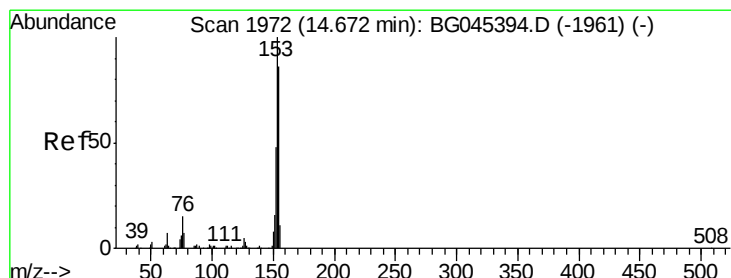
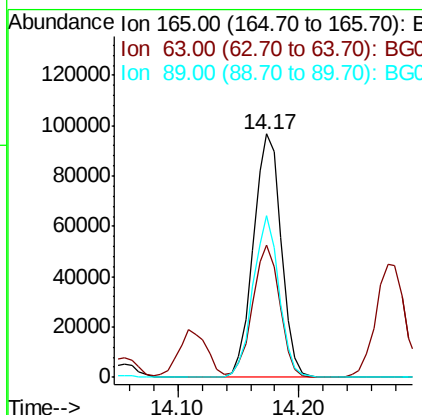
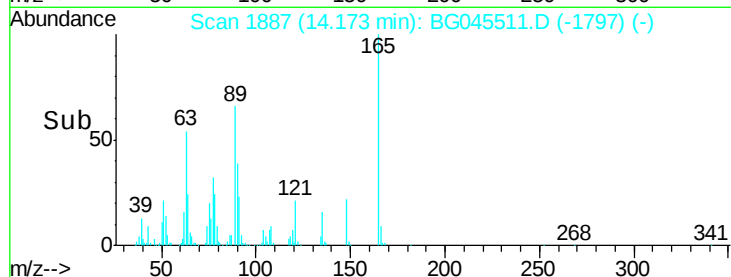
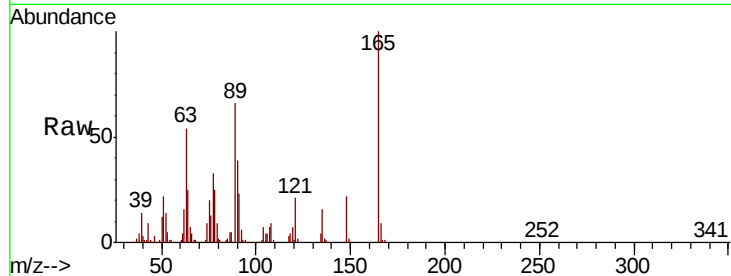
#51
 2,6-Dinitrotoluene
 Concen: 47.177 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155771		
63	54.2	45.0	67.4	
89	66.2	50.2	75.4	

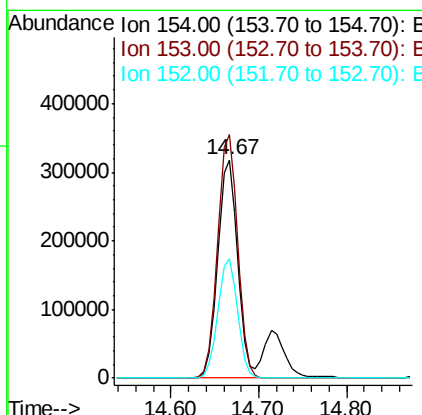
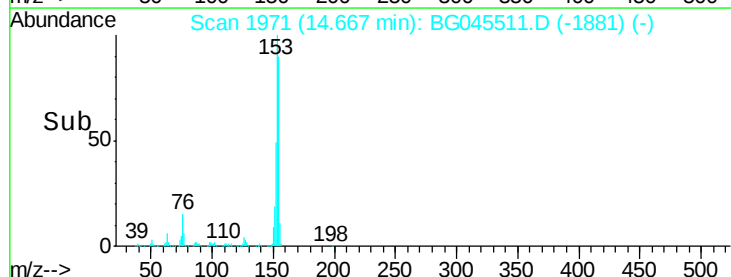
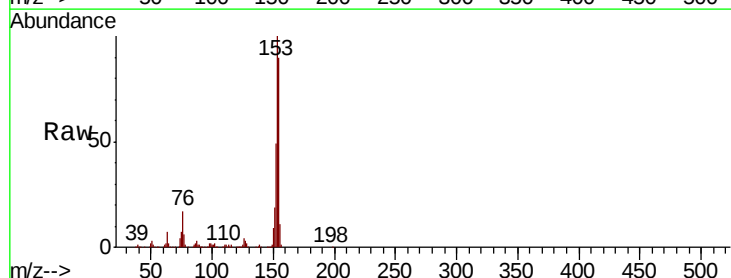
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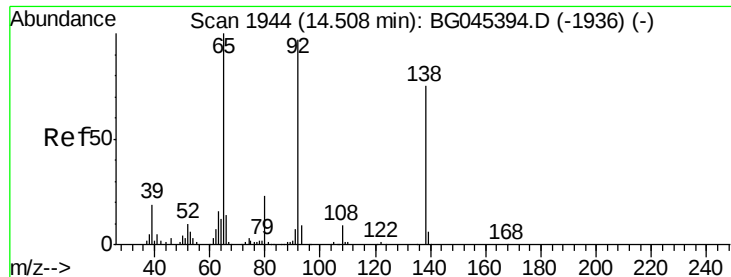
mohammad
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#52
 Acenaphthene
 Concen: 53.811 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	615777		
153	111.6	92.8	139.2	
152	54.5	44.6	66.8	





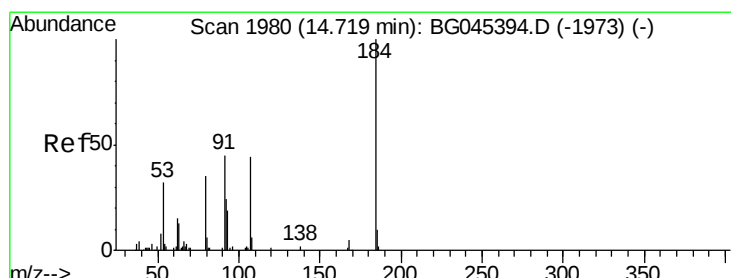
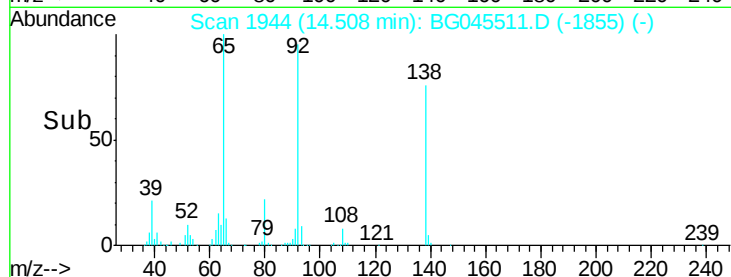
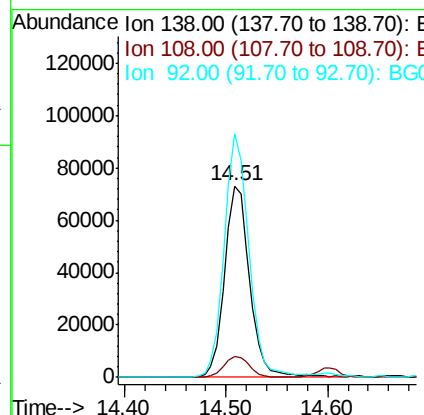
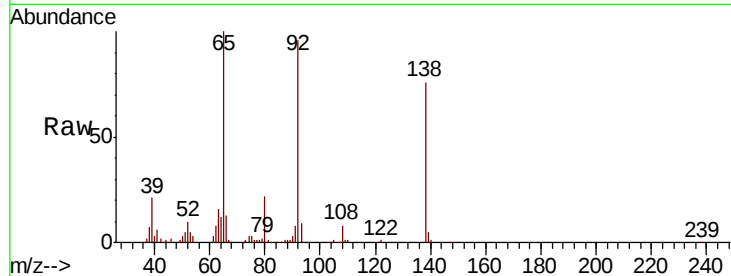
#53
 3-Nitroaniline
 Concen: 37.576 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.8	14.6
92	127.0	103.0	154.4

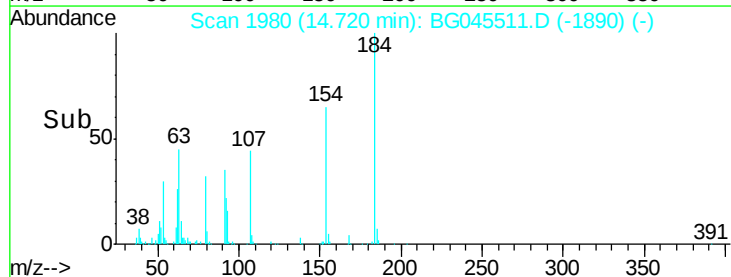
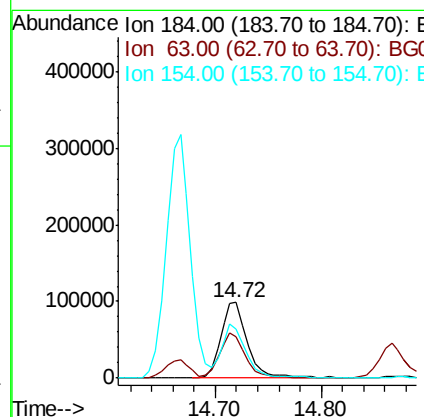
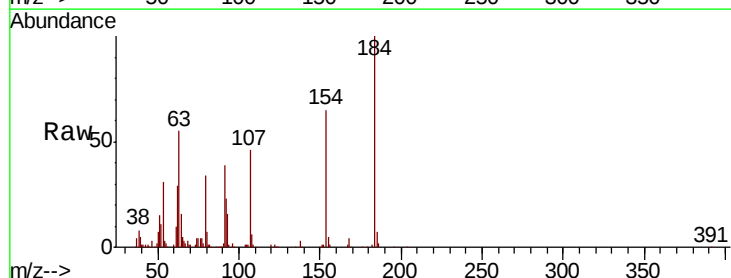
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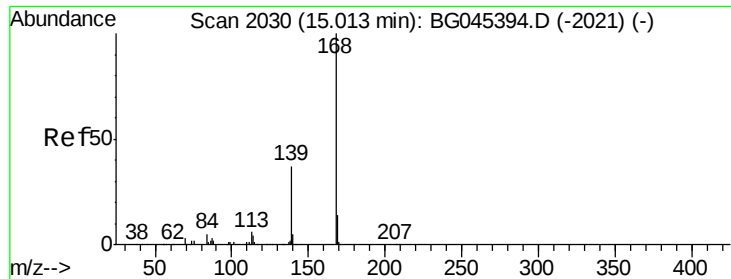
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 79.868 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	47.8	71.6
154	64.5	58.3	87.5





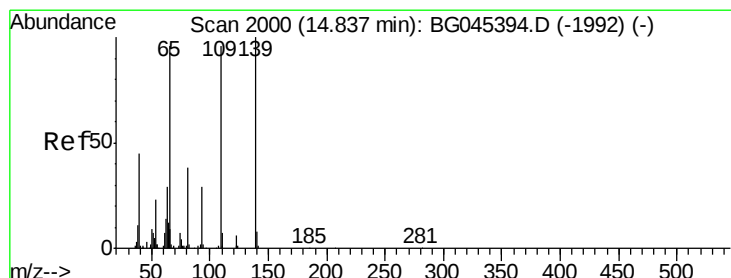
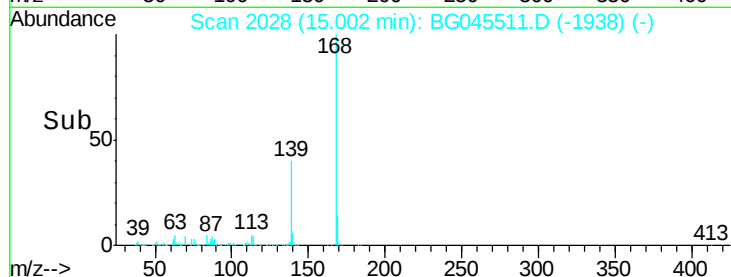
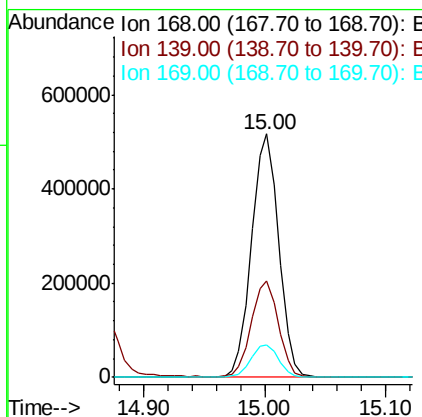
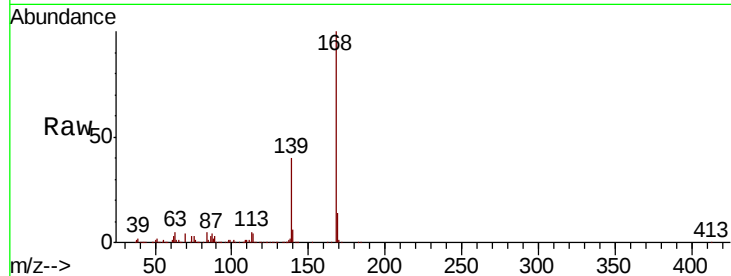
#55
Dibenzenofuran
Concen: 48.035 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	13.6	10.9	16.3

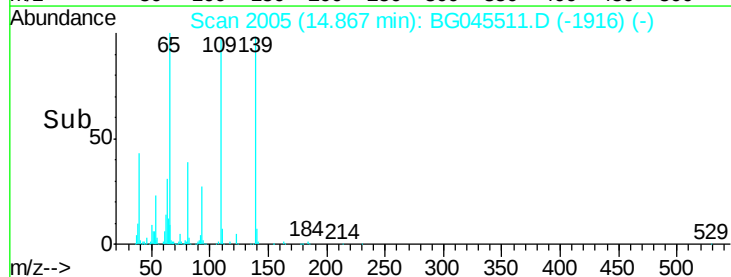
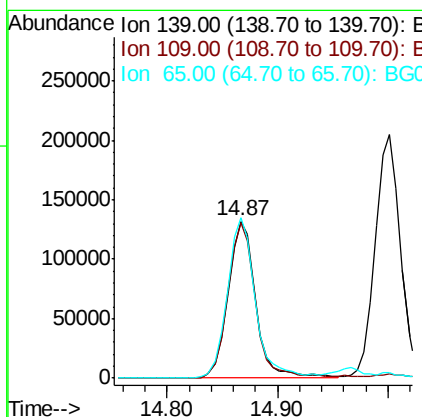
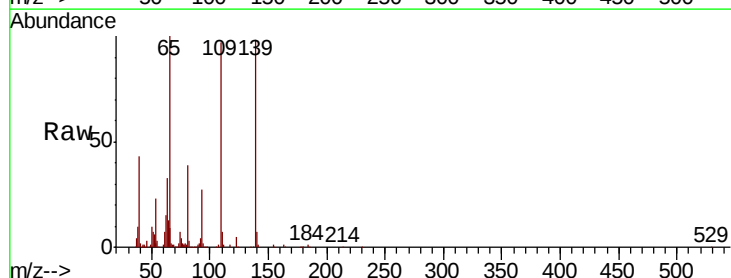
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#56
4-Nitrophenol
Concen: 91.421 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.2	75.6	115.6
65	102.4	76.8	116.8





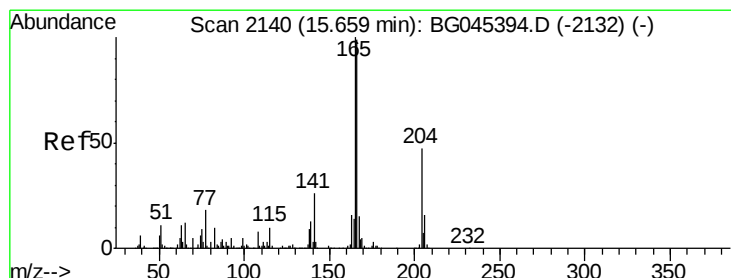
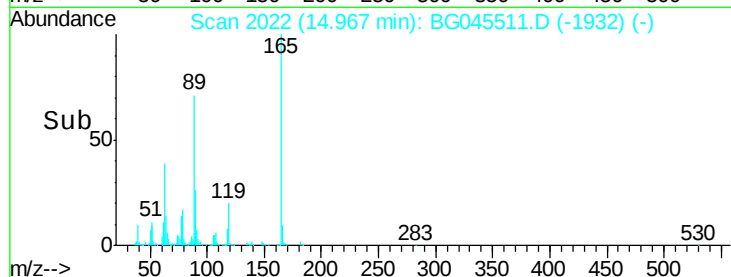
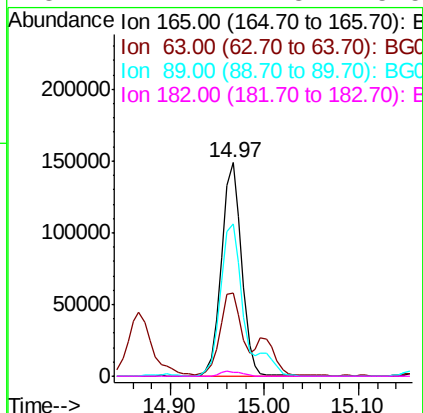
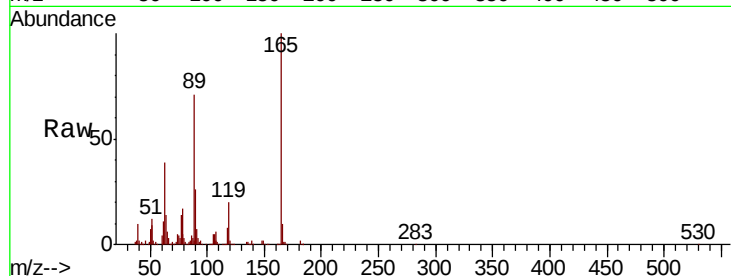
#57
2,4-Dinitrotoluene
Concen: 46.530 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222500		
63	39.0	32.5	48.7		
89	71.1	61.8	92.6		
182	2.1	2.3	3.5#		

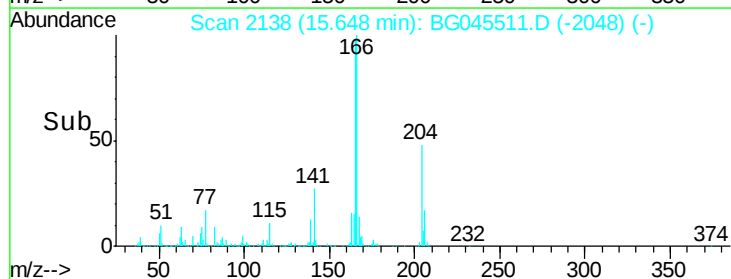
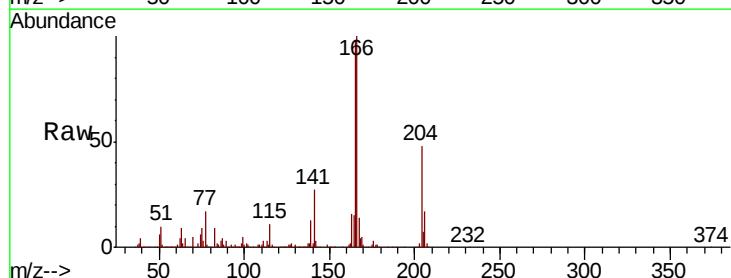
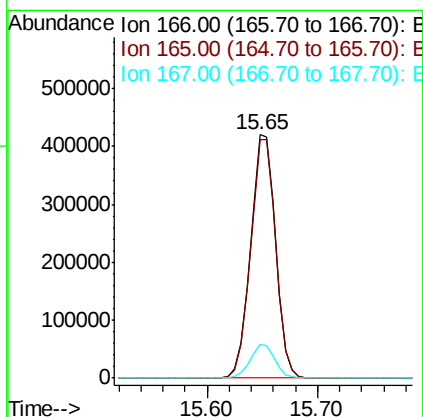
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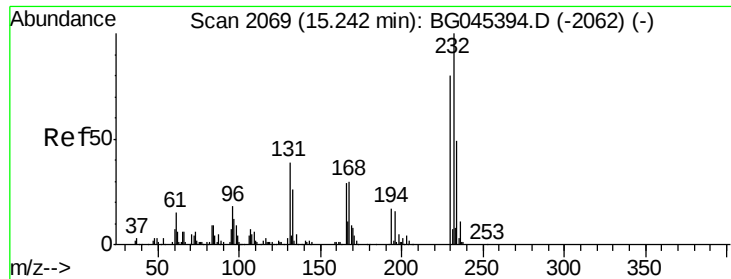
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#58
Fluorene
Concen: 47.657 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		665333		
165	98.0	80.8	121.2		
167	13.9	12.0	18.0		





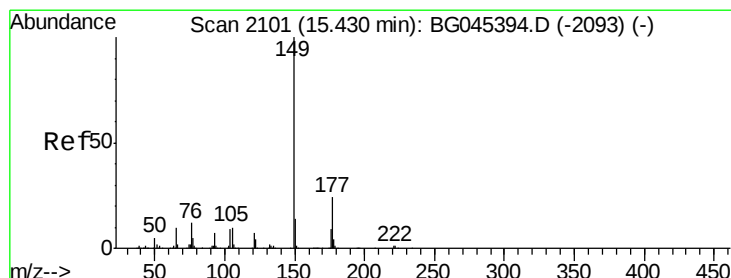
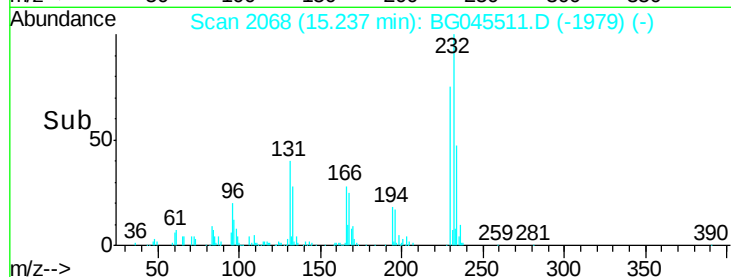
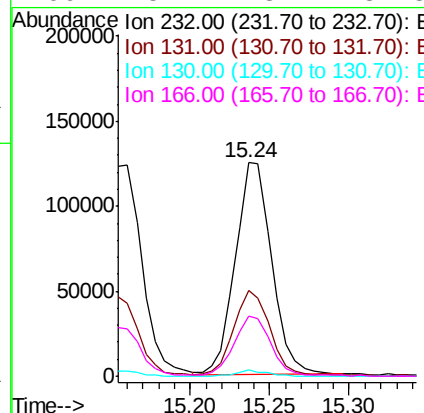
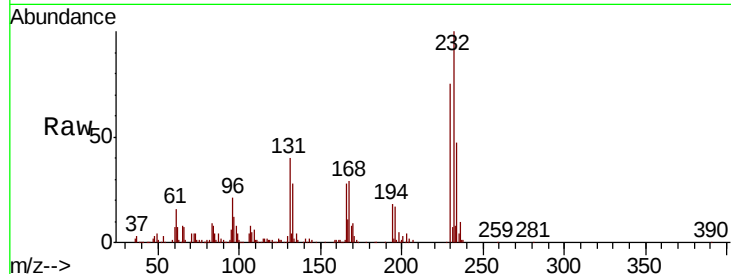
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.694 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	198448		
131	40.6		33.7	50.5
130	2.4		2.1	3.1
166	28.7		23.2	34.8

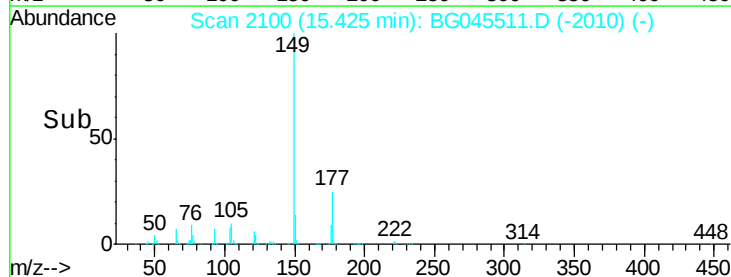
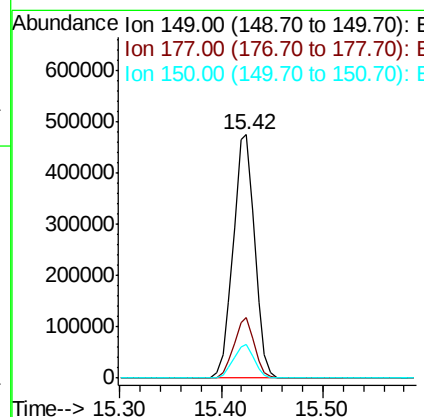
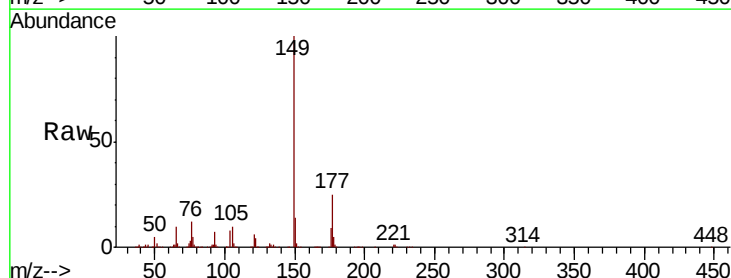
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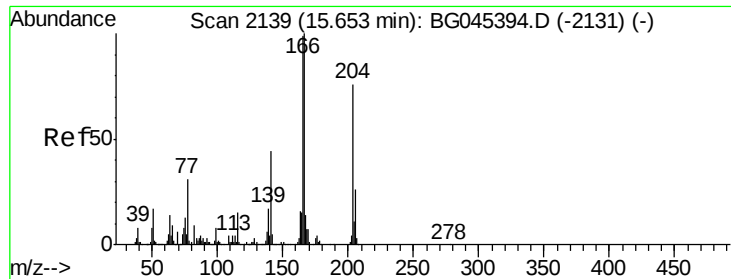
mohammad
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#60
 Diethylphthalate
 Concen: 45.840 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	698136		
177	24.8		19.0	28.4
150	13.9		11.4	17.0





#61

4-Chlorophenyl-phenylether

Concen: 46.738 ng

RT: 15.64 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

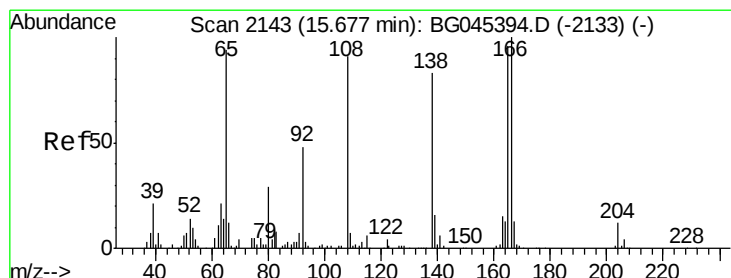
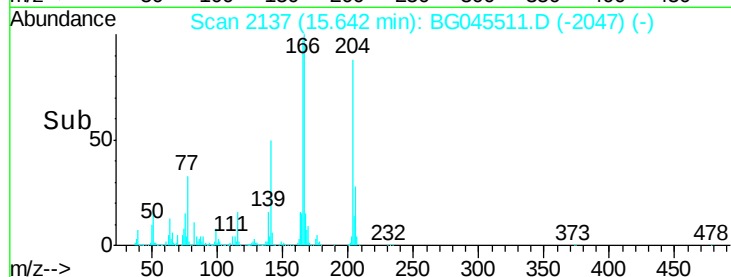
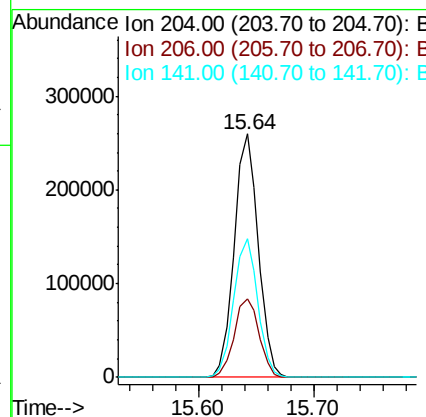
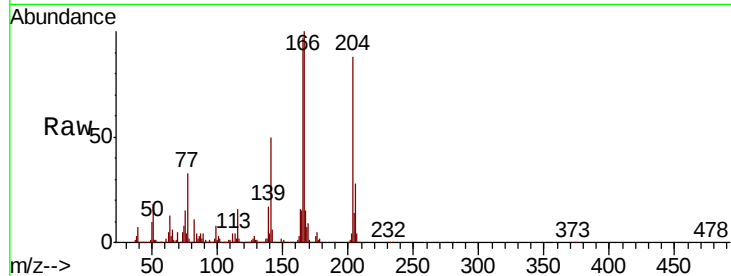
ClientSampleId :

PB129114BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	373389		
206	32.0	27.3	40.9	
141	57.1	45.9	68.9	

Manual Integrations
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#62

4-Nitroaniline

Concen: 42.570 ng

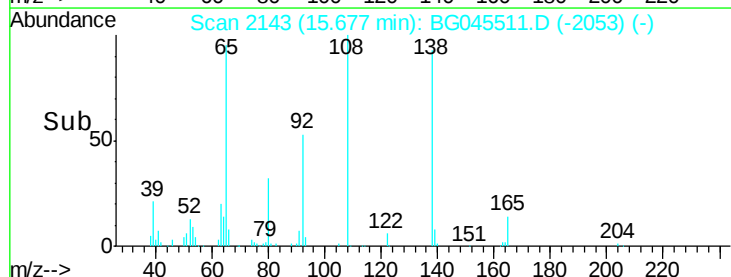
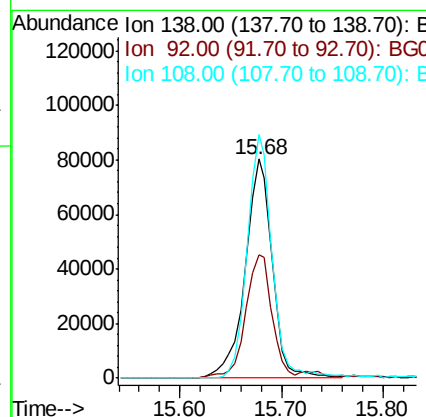
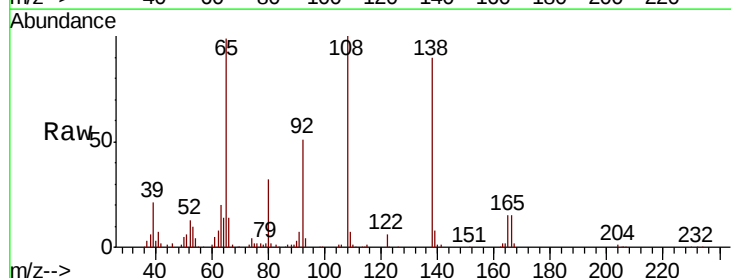
RT: 15.68 min Scan# 2143

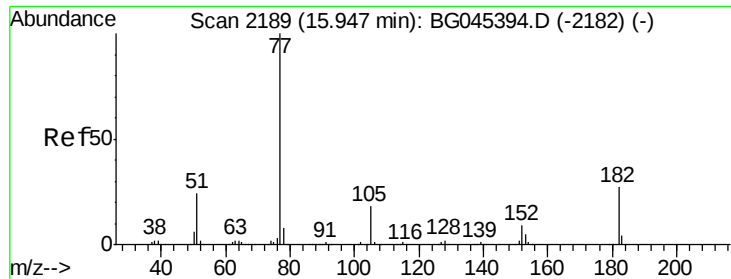
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	149166		
92	56.4	38.0	78.0	
108	111.1	89.3	129.3	





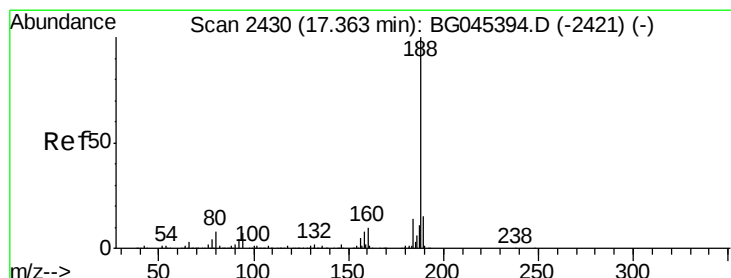
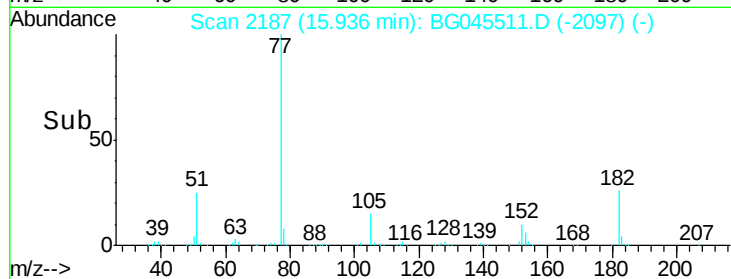
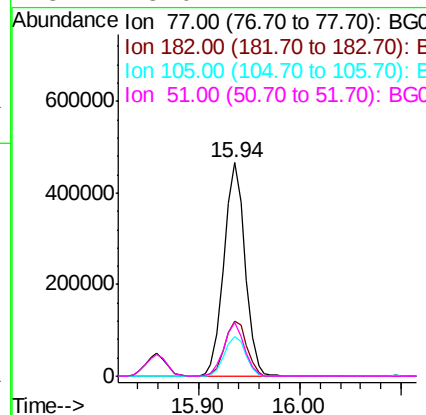
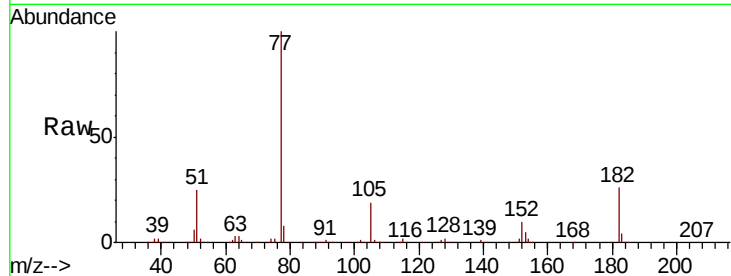
#63
Azobenzene
Concen: 47.253 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		671038		
182	25.7	6.5	46.5		
105	18.7	0.0	37.9		
51	25.0	4.1	44.1		

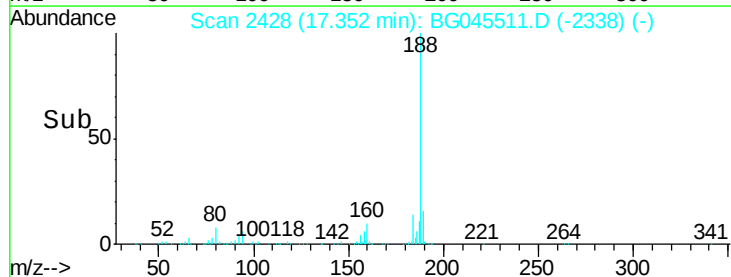
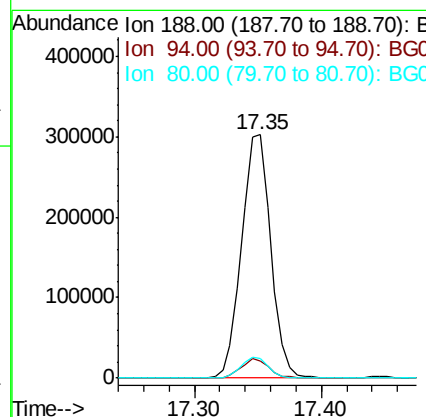
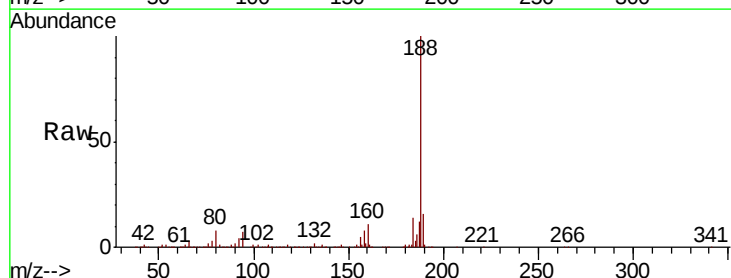
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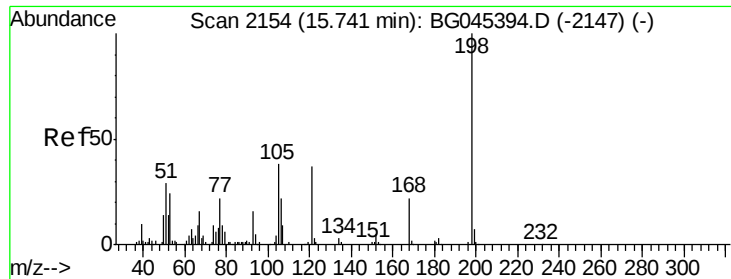
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		481265		
94	6.8	5.5	8.3		
80	8.2	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 47.696 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tot Ion:198 Resp: 133685

Ion Ratio Lower Upper

198 100

51 33.1 10.0 50.0

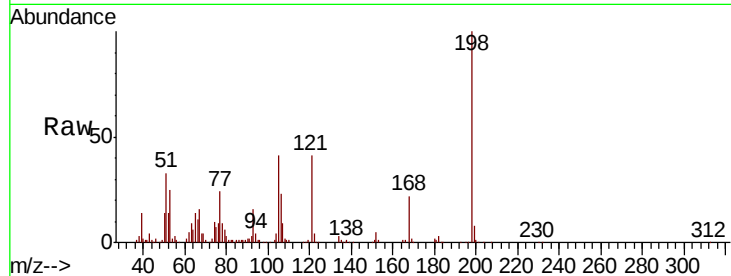
105 41.2 18.9 58.9

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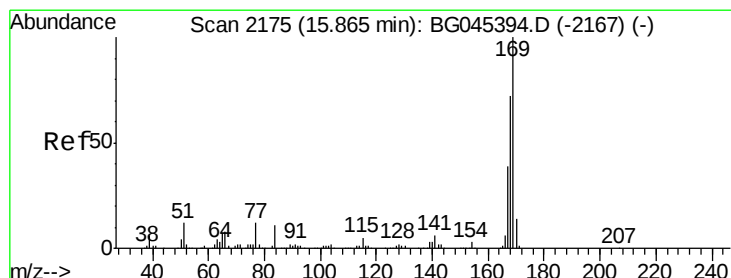
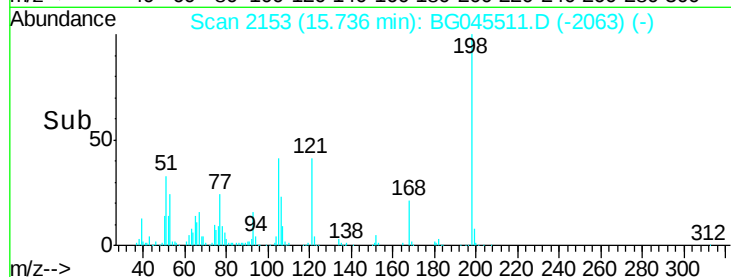
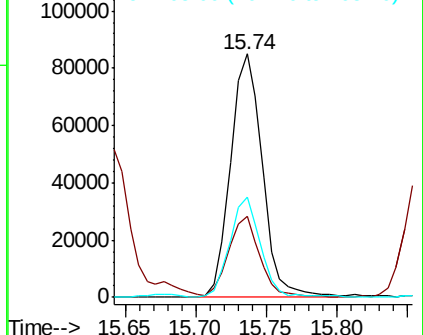
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.632 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

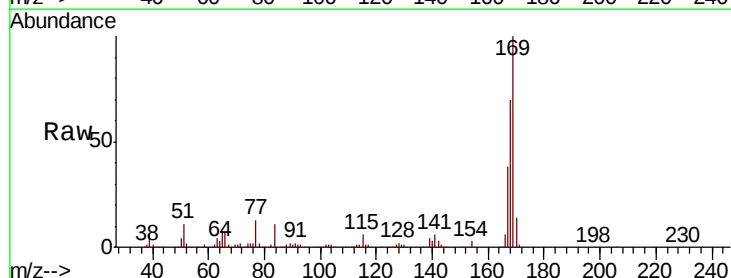
Tgt Ion:169 Resp: 596619

Ion Ratio Lower Upper

169 100

168 69.6 57.8 86.6

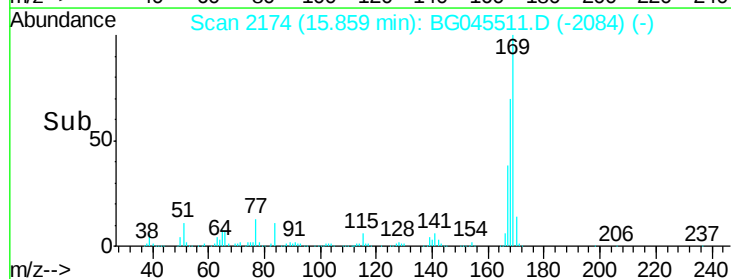
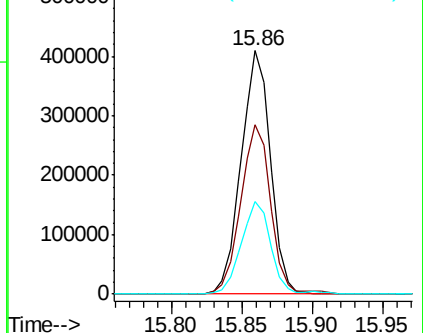
167 38.2 31.5 47.3

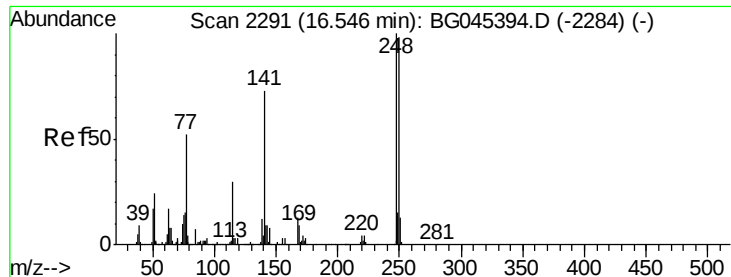


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





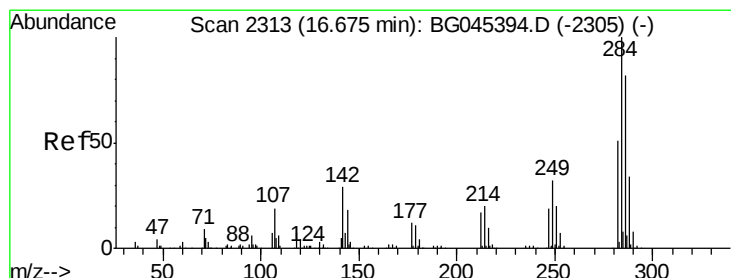
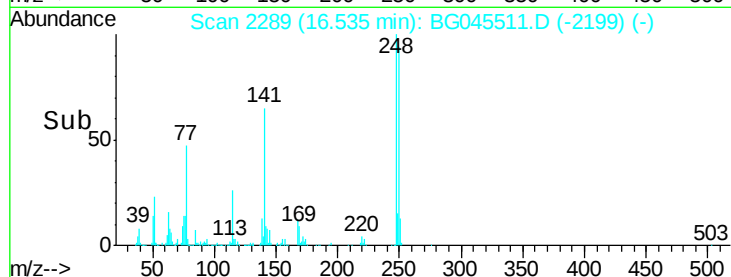
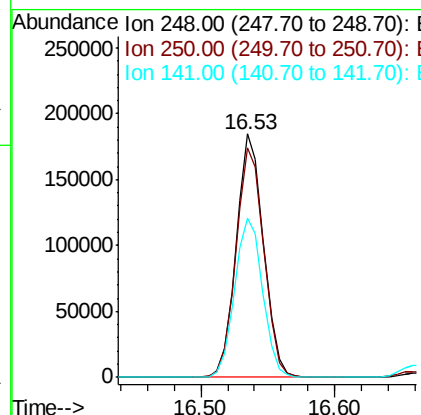
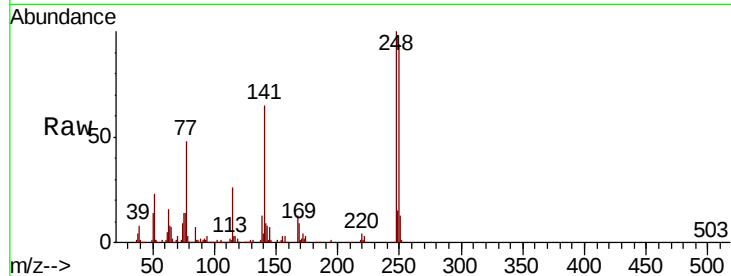
#67
 4-Bromophenyl-phenylether
 Concen: 50.463 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion:	248	Resp:	262977
Ion Ratio	Lower	Upper	
248	100		
250	94.5	78.6	117.8
141	65.4	58.2	87.2

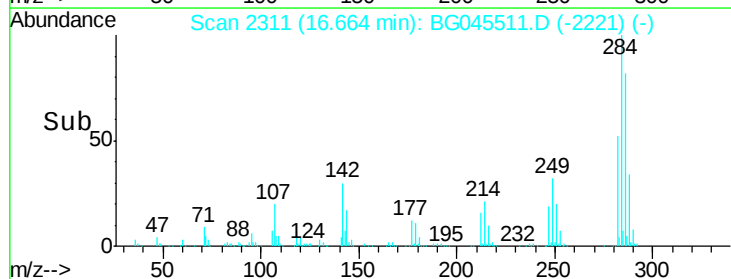
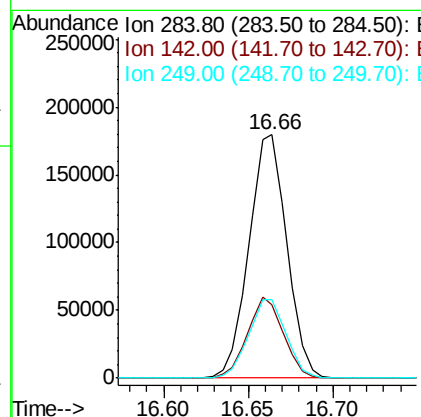
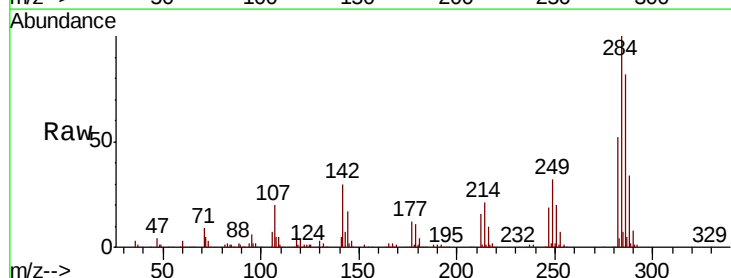
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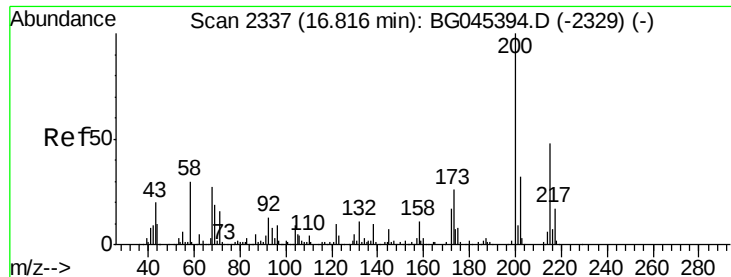
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#68
 Hexachlorobenzene
 Concen: 51.279 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion:	284	Resp:	279504
Ion Ratio	Lower	Upper	
284	100		
142	30.3	23.0	34.6
249	32.3	25.8	38.6





#69

Atrazine

Concen: 46.921 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

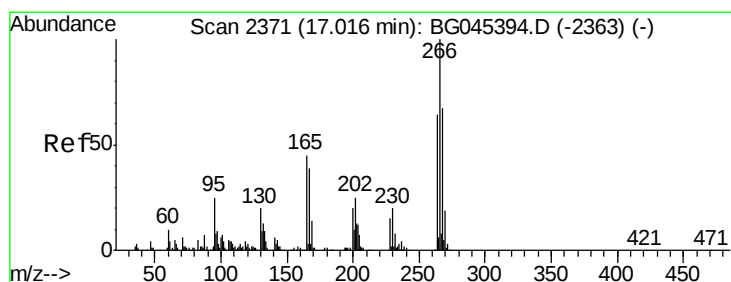
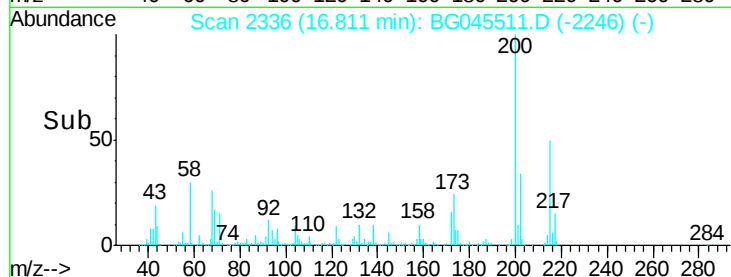
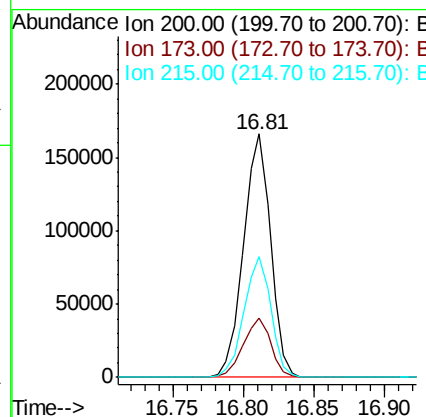
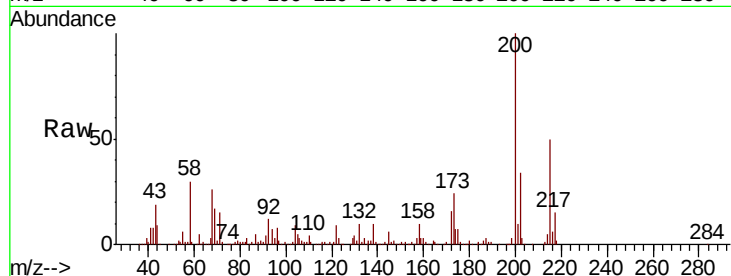
ClientSampleId :

PB129114BS

Tot Ion:	200	Resp:	223318
Ion Ratio	Lower	Upper	
200	100		
173	24.1	5.5	45.5
215	49.7	28.2	68.2

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#70

Pentachlorophenol

Concen: 100.693 ng

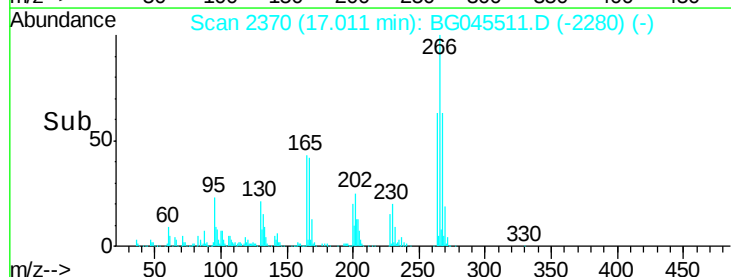
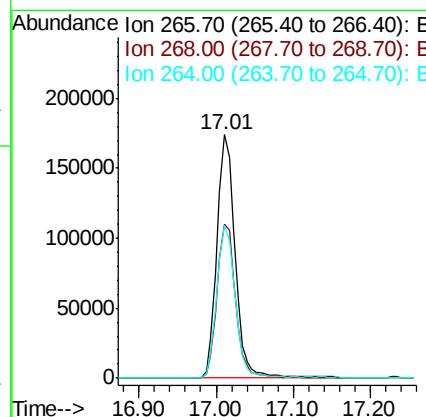
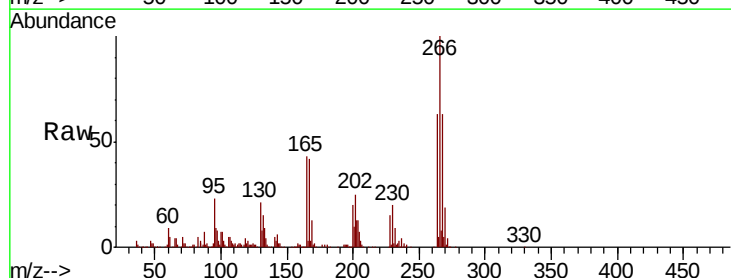
RT: 17.01 min Scan# 2370

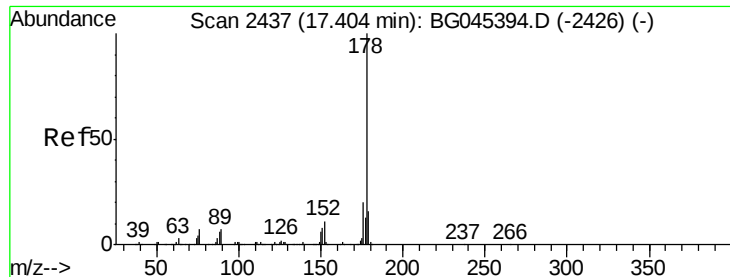
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	266	Resp:	284978
Ion Ratio	Lower	Upper	
266	100		
268	63.4	53.2	79.8
264	62.7	51.0	76.4





#71

Phenanthrene

Concen: 49.917 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tot Ion:178 Resp: 1048748

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

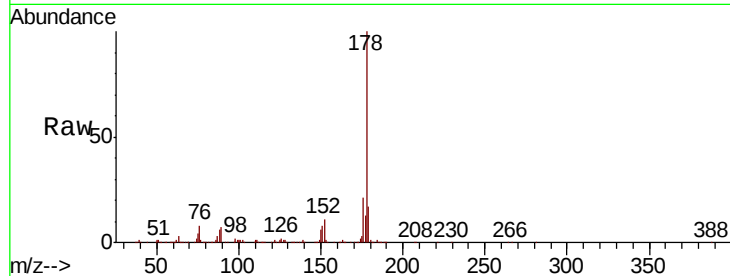
179 17.1 13.1 19.7

Manual Integrations

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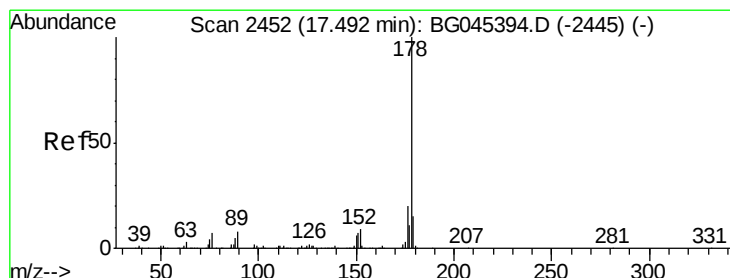
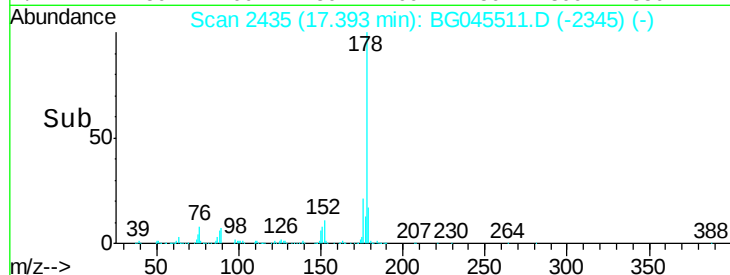
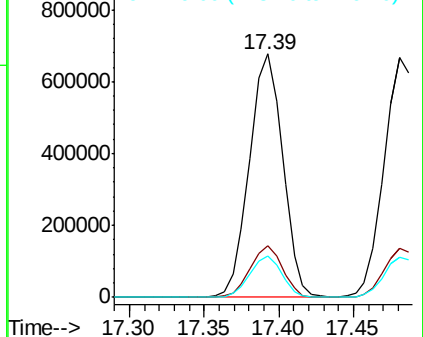
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.584 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:178 Resp: 1067261

Ion Ratio Lower Upper

178 100

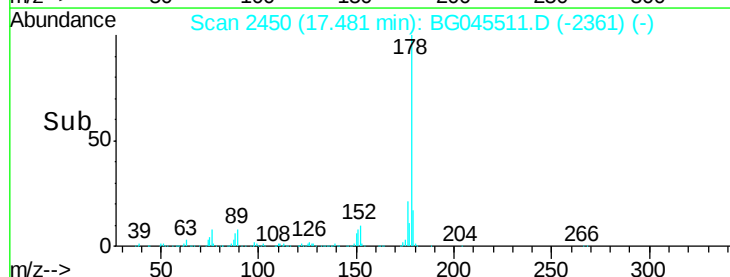
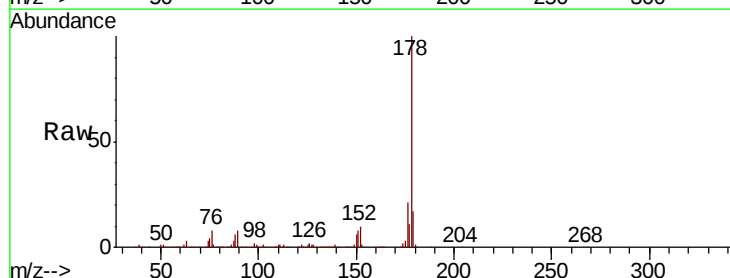
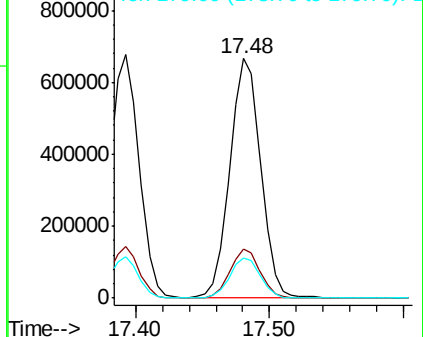
176 20.5 15.8 23.6

179 16.7 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





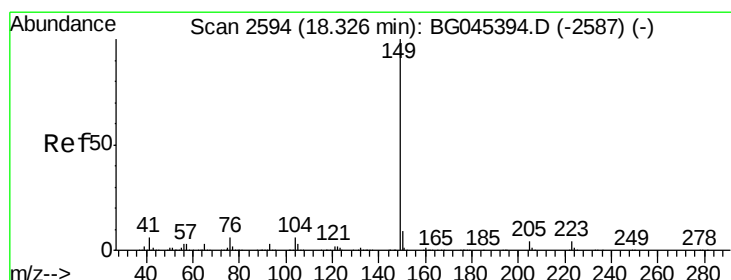
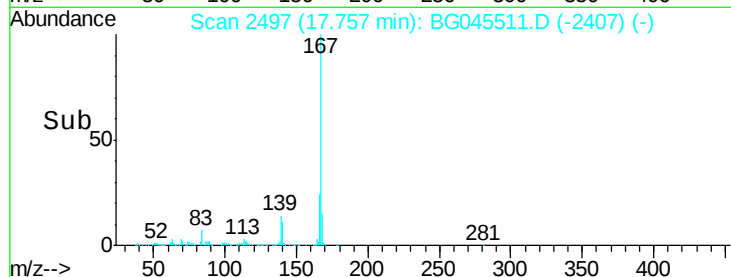
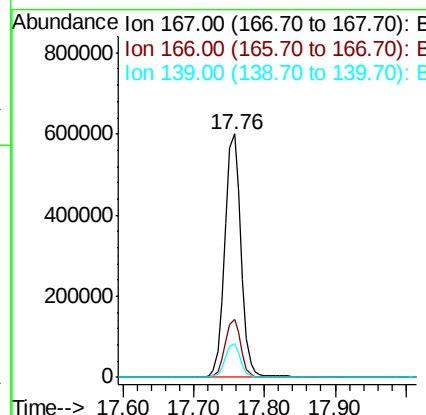
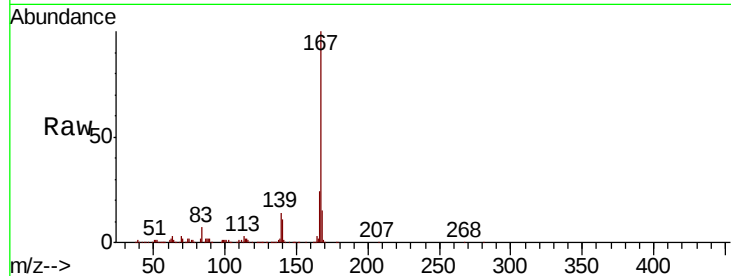
#73
 Carbazole
 Concen: 46.661 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.2	28.8
139	13.9	10.6	16.0

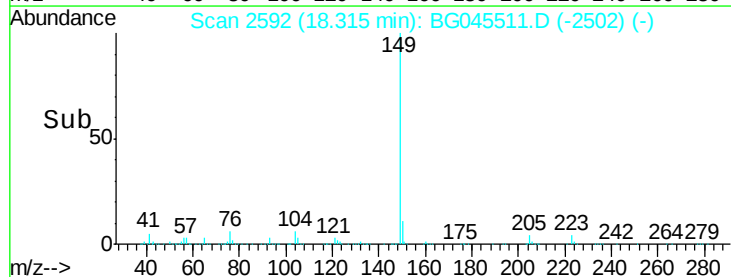
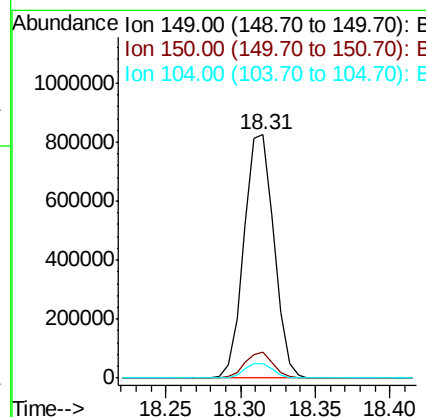
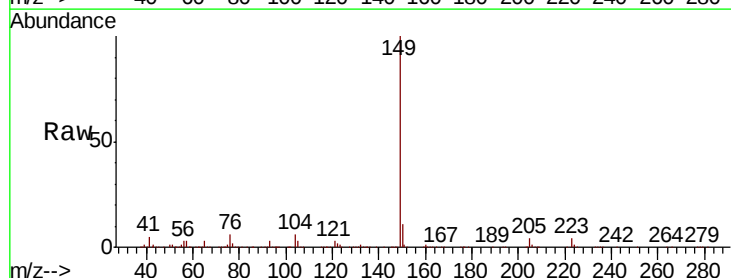
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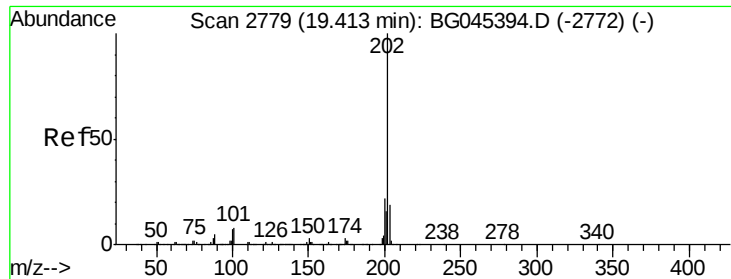
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#74
 Di-n-butylphthalate
 Concen: 46.381 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 47.138 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

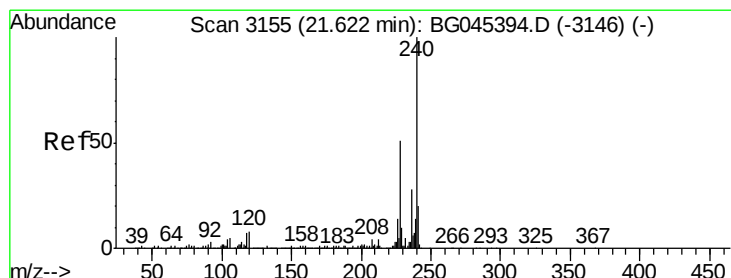
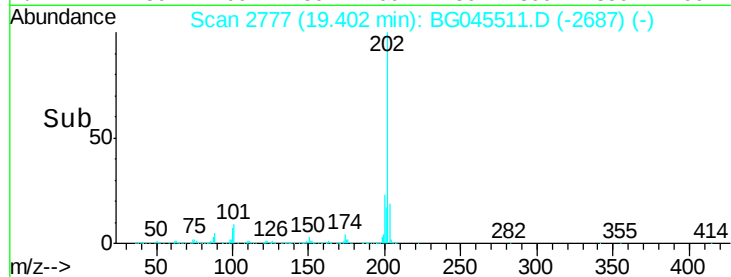
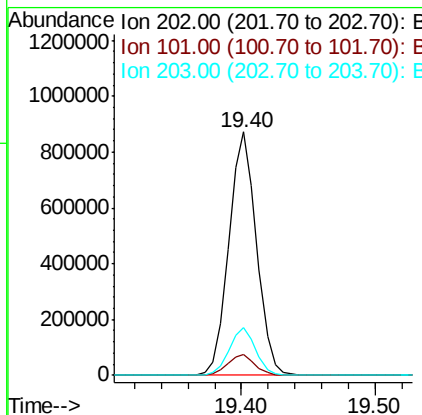
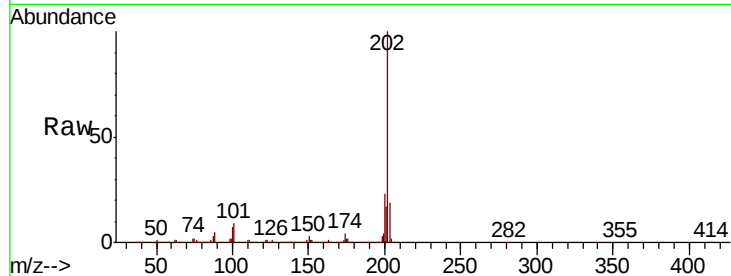
ClientSampleId :

PB129114BS

Tot Ion:	202	Resp:	1259676
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.3
203	19.5	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

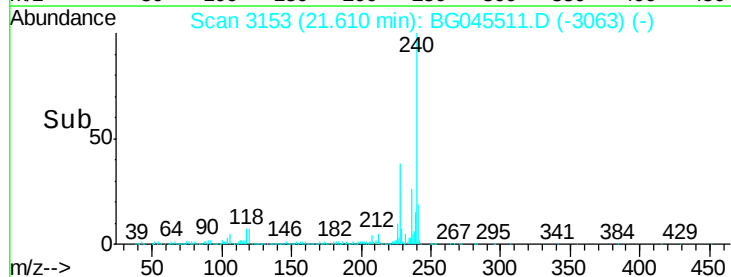
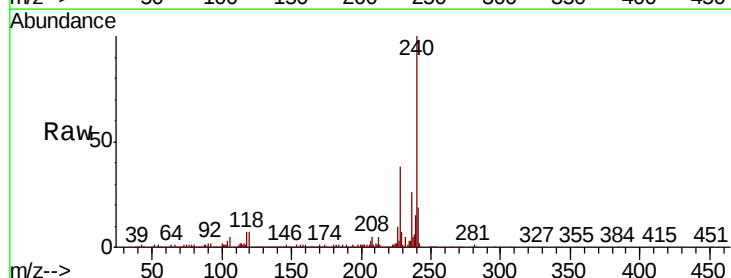
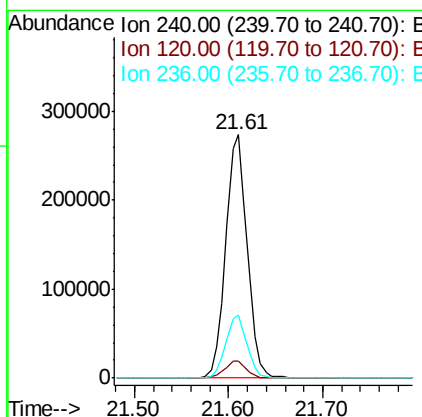
RT: 21.61 min Scan# 3153

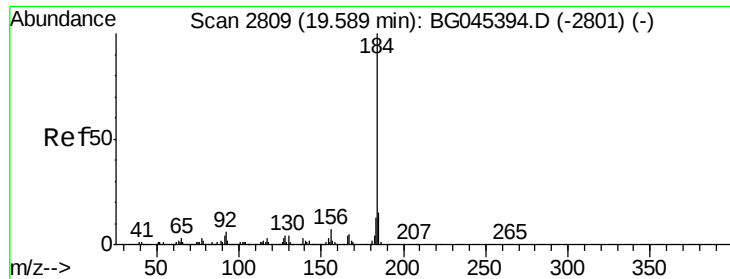
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	240	Resp:	433006
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	25.8	22.3	33.5





#77

Benzidine

Concen: 65.711 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

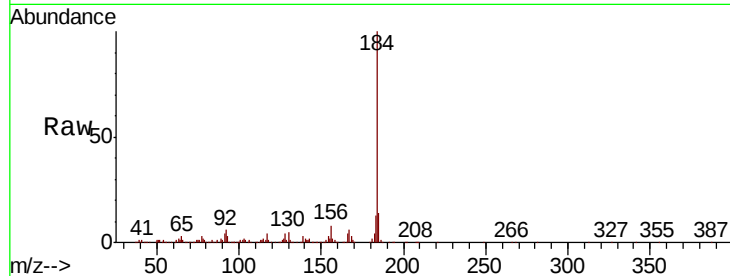
ClientSampleId :

PB129114BS

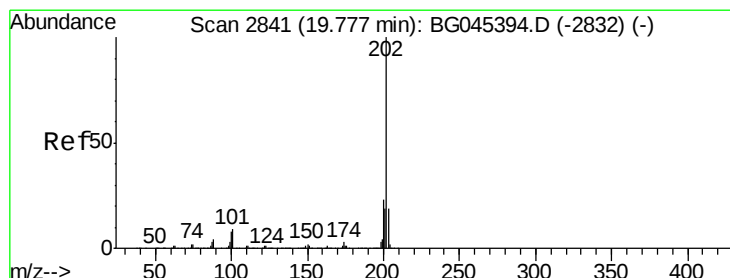
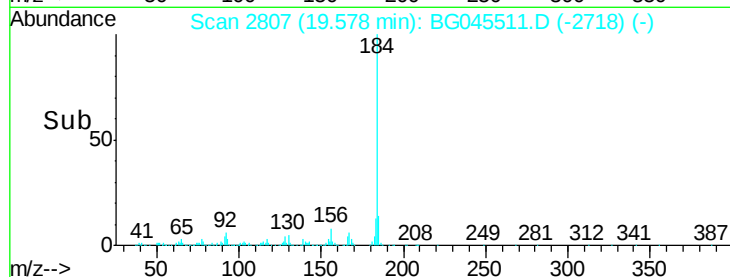
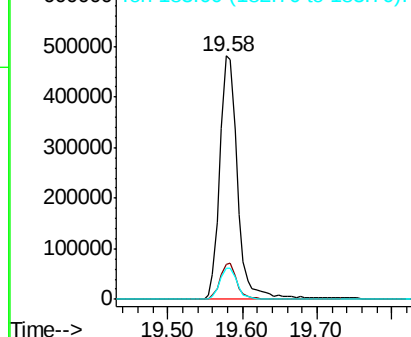
Tot Ion:	184	Resp:	799125
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.7	17.5
183	12.7	10.2	15.4

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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: 50.362 ng

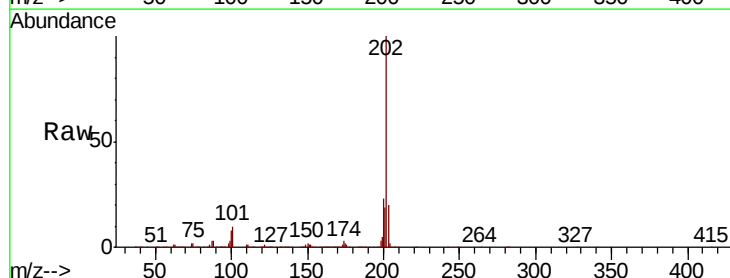
RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

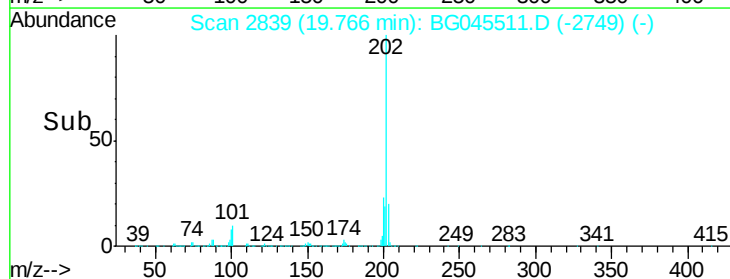
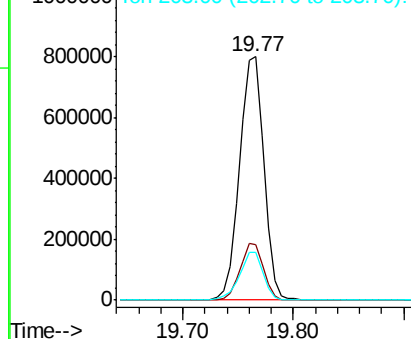
Lab File: BG045511.D

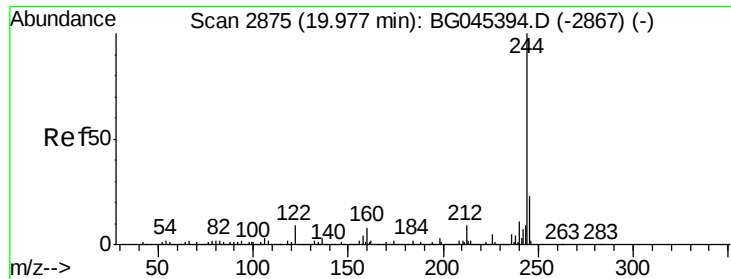
Acq: 29 May 2020 3:45

Tgt Ion:	202	Resp:	1243082
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.2
203	19.9	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





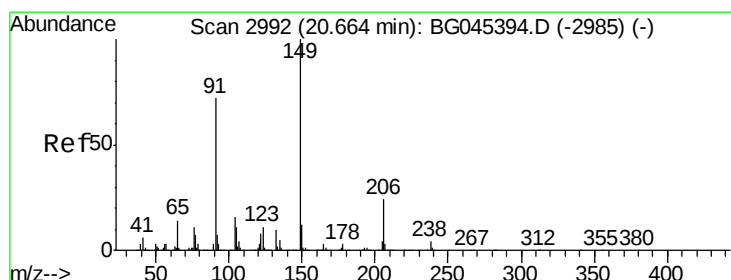
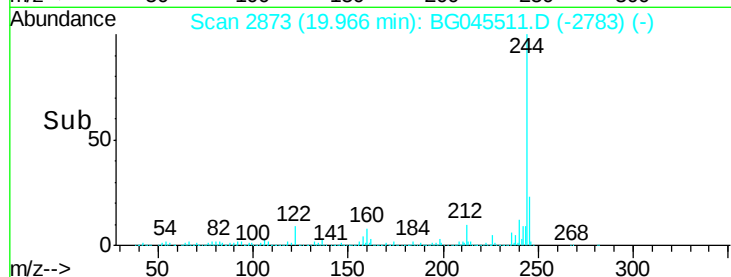
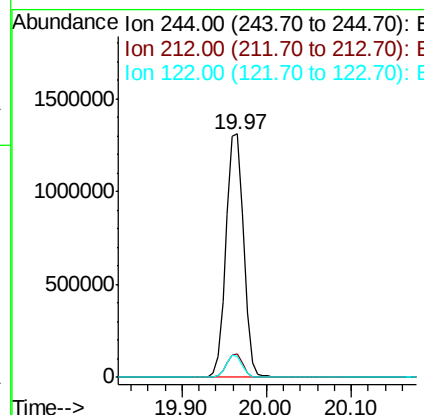
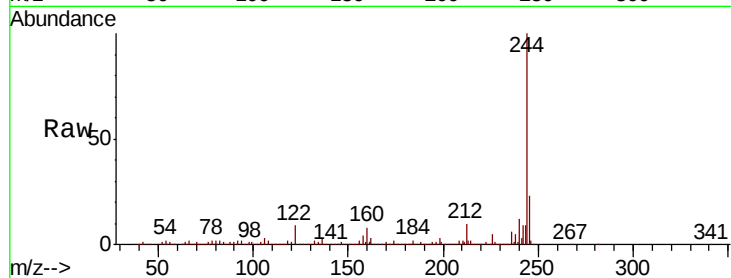
#79
 Terphenyl-d14
 Concen: 102.850 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB129114BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.0
122	8.6	6.8	10.2

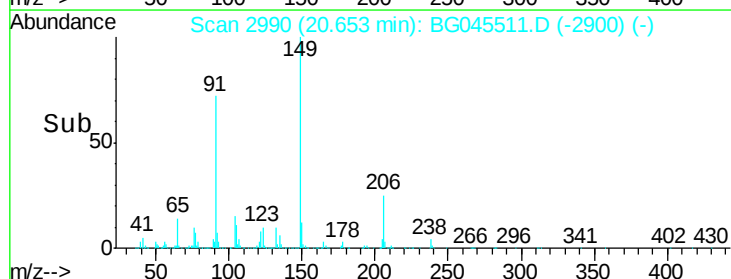
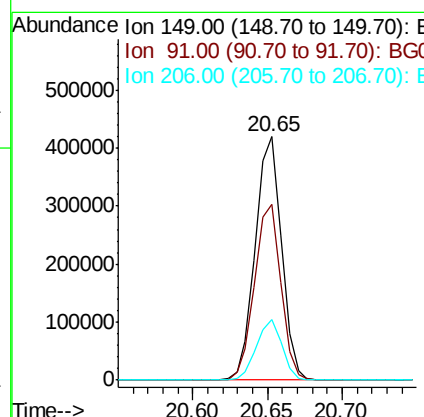
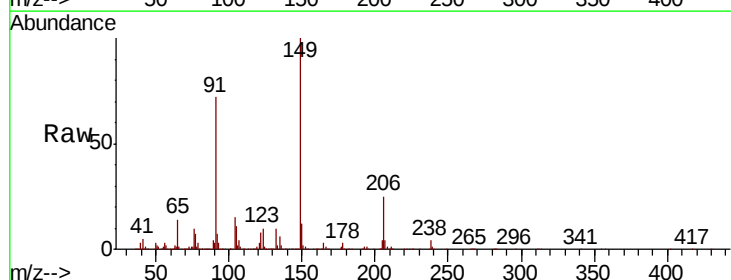
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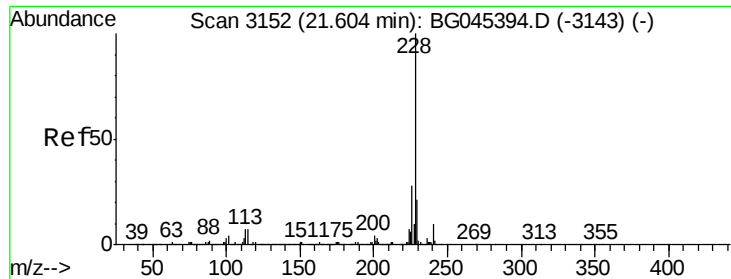
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#80
 Butylbenzylphthalate
 Concen: 47.620 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.00 min
 Lab File: BG045511.D
 Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.6
206	24.6	19.1	28.7





#81

Benzo(a)anthracene

Concen: 50.171 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

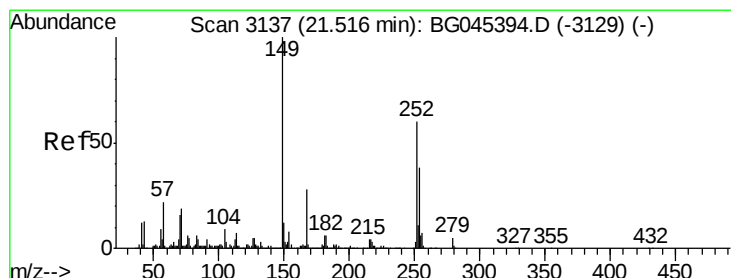
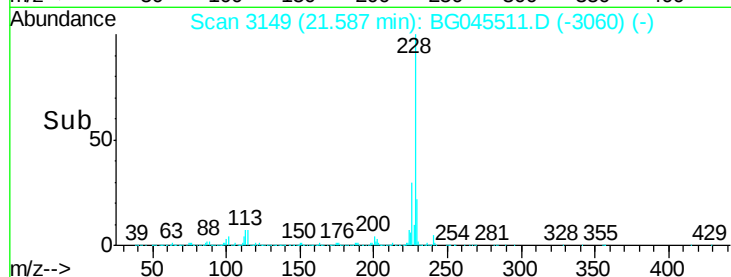
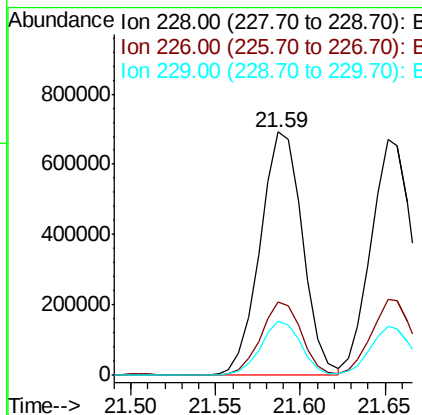
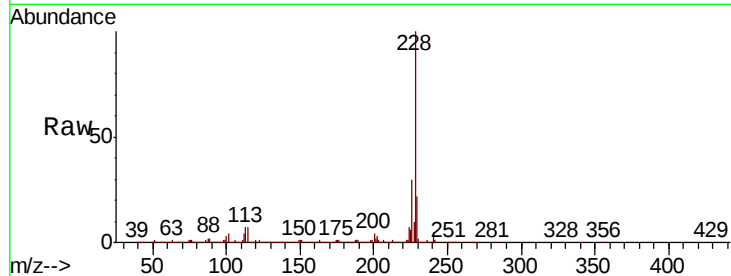
ClientSampleId :

PB129114BS

Tot Ion:	228	Resp:	1210186
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	22.4	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 43.967 ng

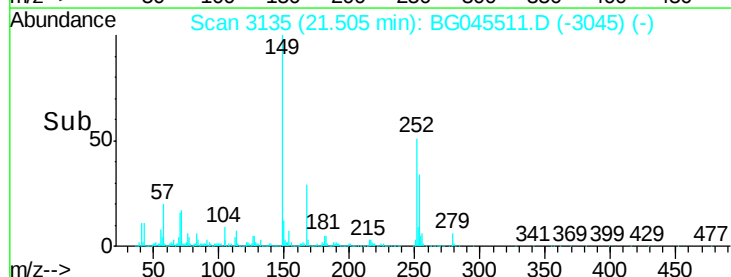
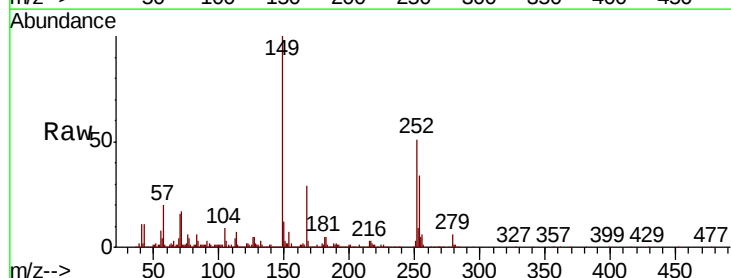
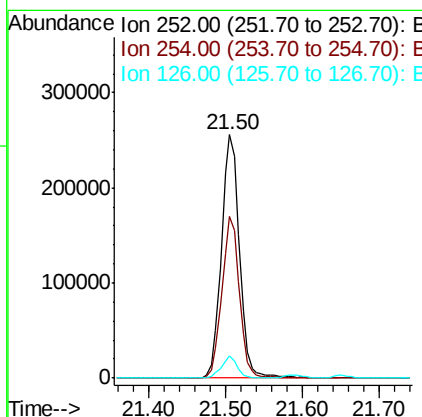
RT: 21.50 min Scan# 3135

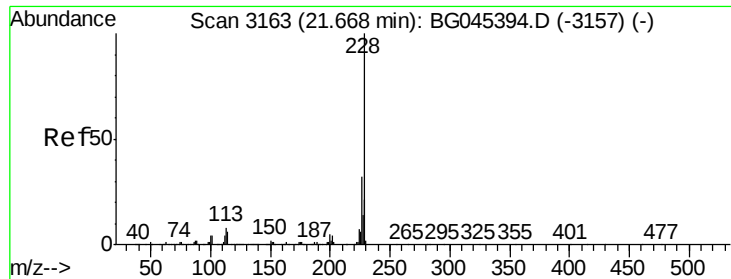
Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	252	Resp:	416013
Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	9.0	6.6	10.0





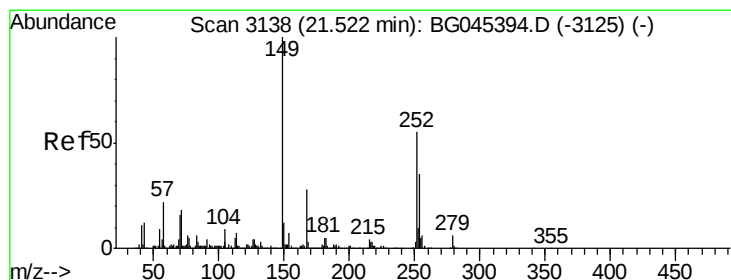
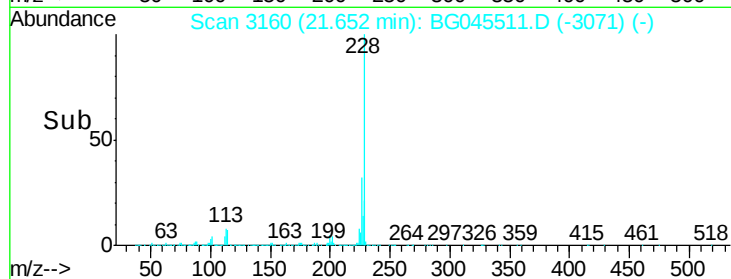
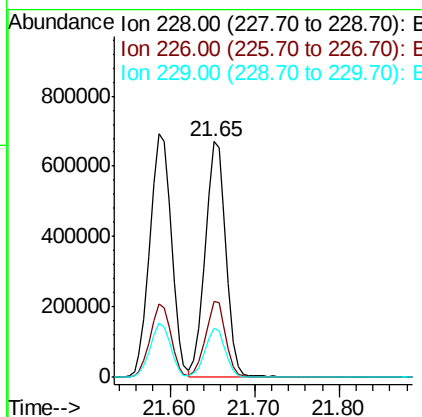
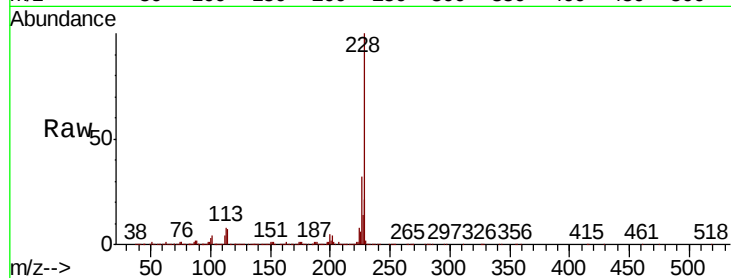
#83
Chrysene
Concen: 49.696 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.2	37.8
229	20.8	16.7	25.1

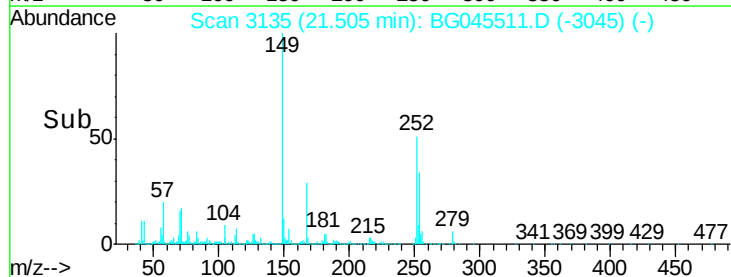
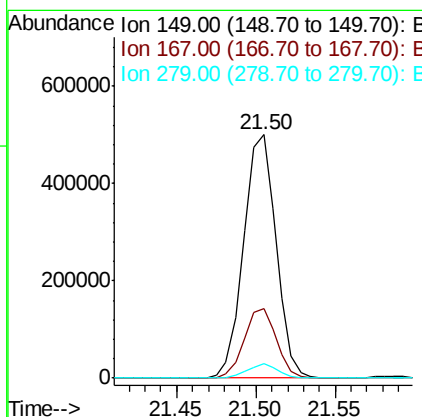
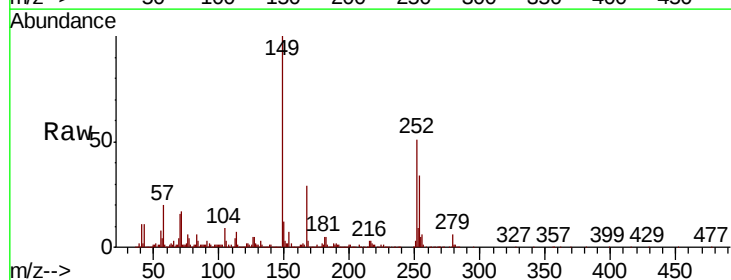
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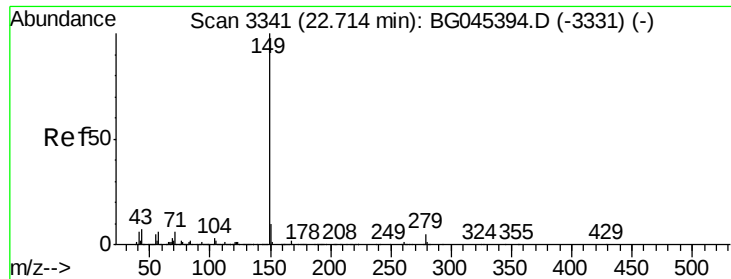
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.456 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	6.2	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 48.353 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB129114BS

Tot Ion:149 Resp: 1216245

Ion Ratio Lower Upper

149 100

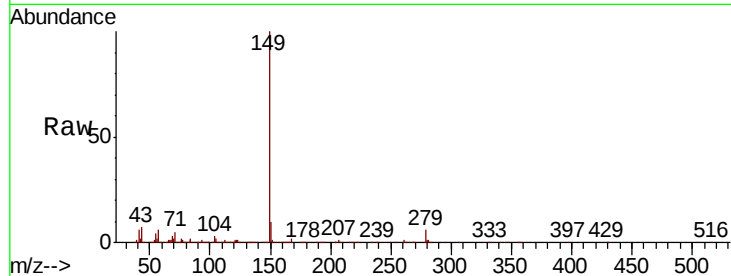
167 1.8 1.4 2.0

43 6.9 5.8 8.8

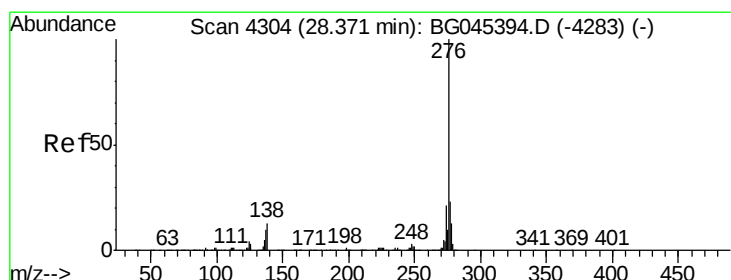
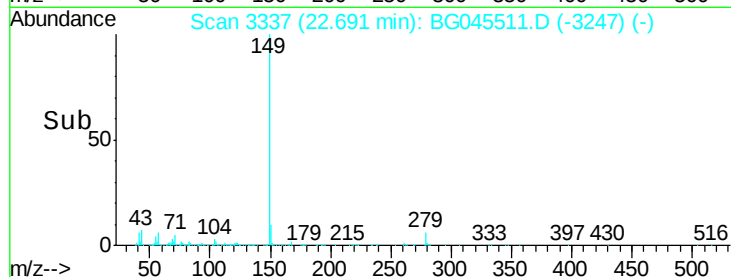
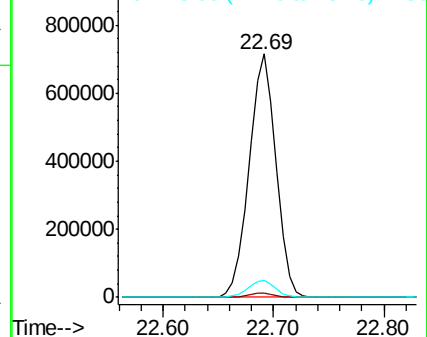
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.395 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

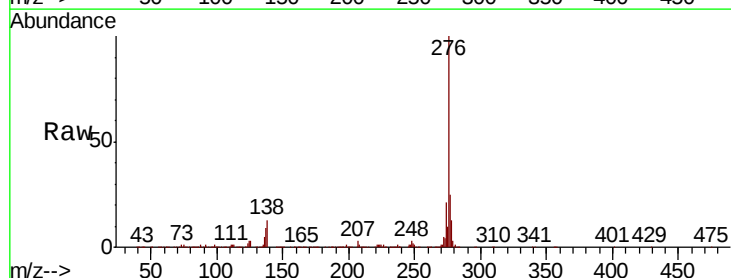
Tgt Ion:276 Resp: 1528478

Ion Ratio Lower Upper

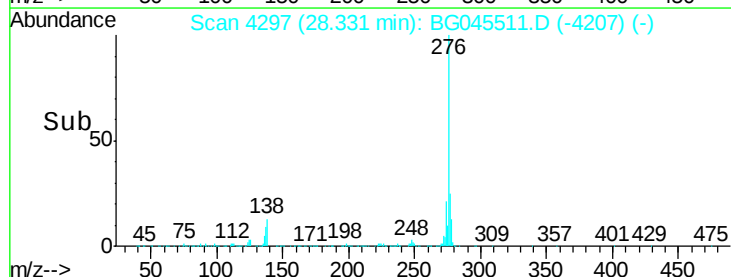
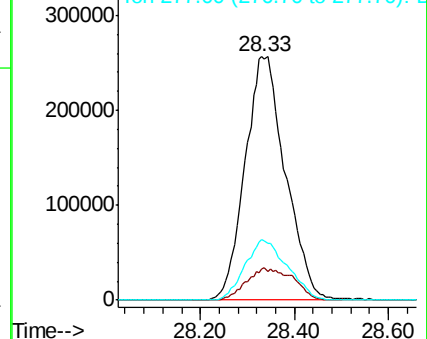
276 100

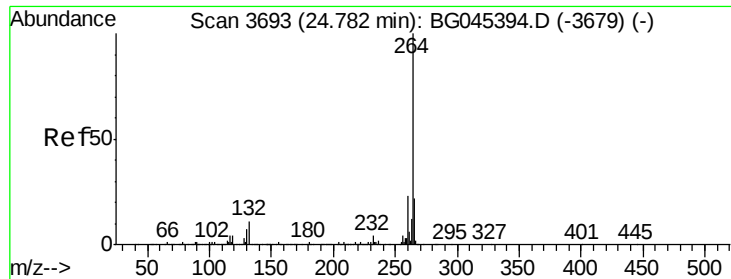
138 15.3 8.6 12.8#

277 25.9 20.2 30.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Instrument :

BNA_G

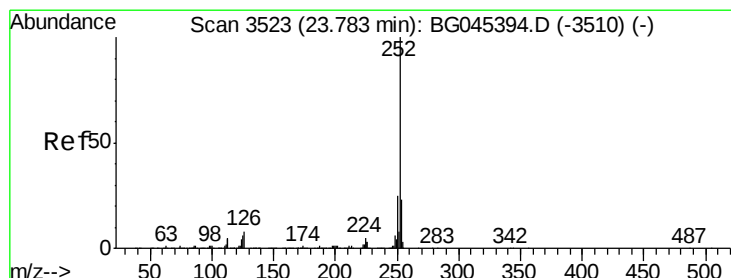
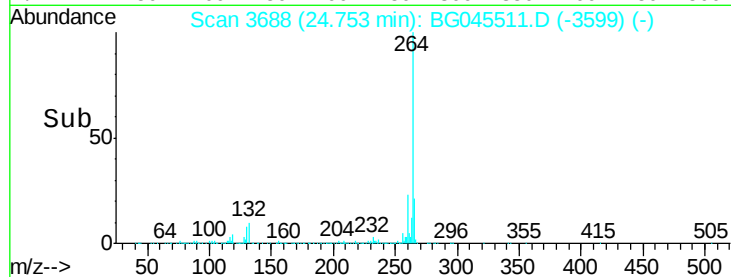
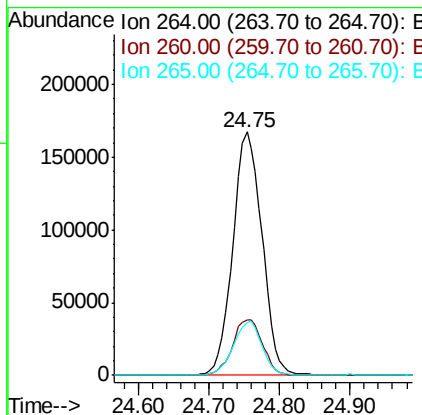
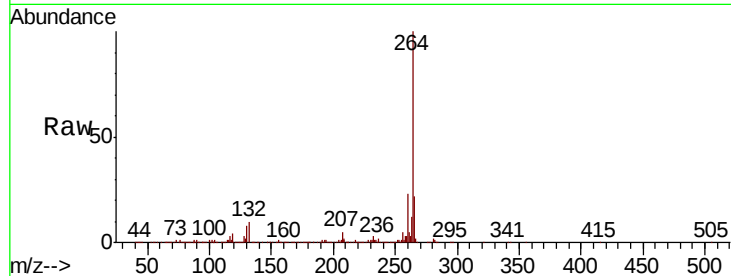
ClientSampleId :

PB129114BS

Tot Ion:	264	Resp:	482103
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	21.7	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 50.762 ng

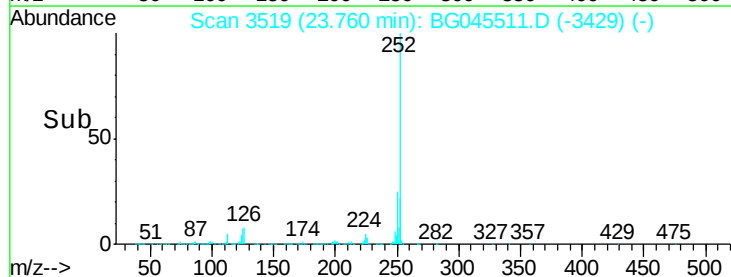
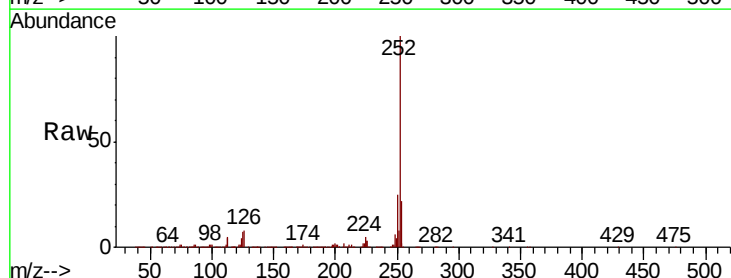
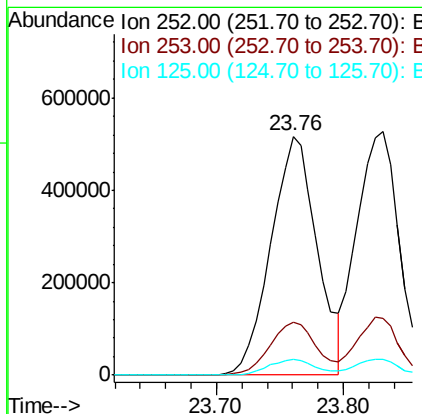
RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045511.D

Acq: 29 May 2020 3:45

Tgt Ion:	252	Resp:	1312480
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	6.8	5.0	7.6





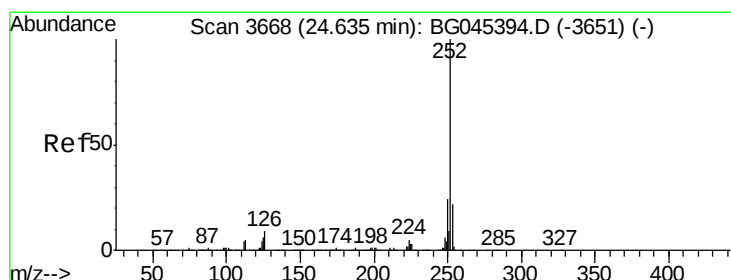
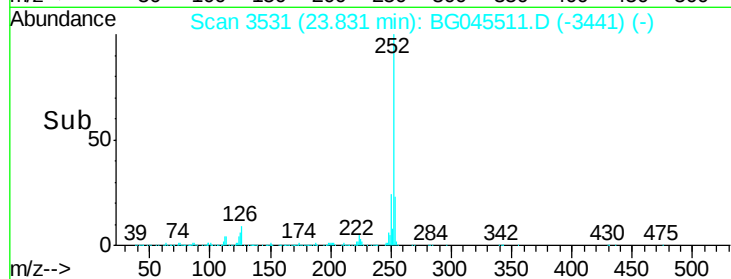
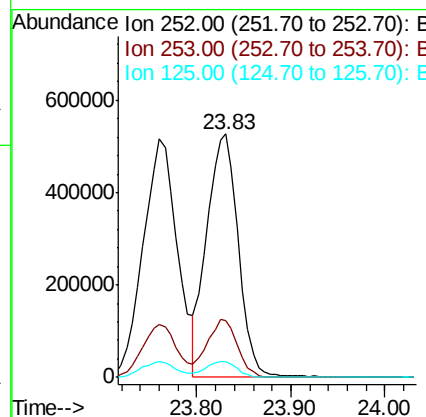
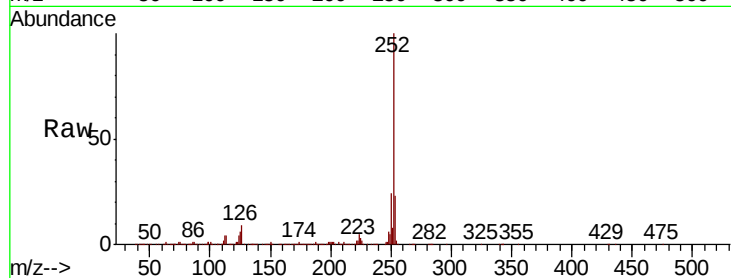
#89
Benzo(k)fluoranthene
Concen: 50.459 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.4	5.7	8.5

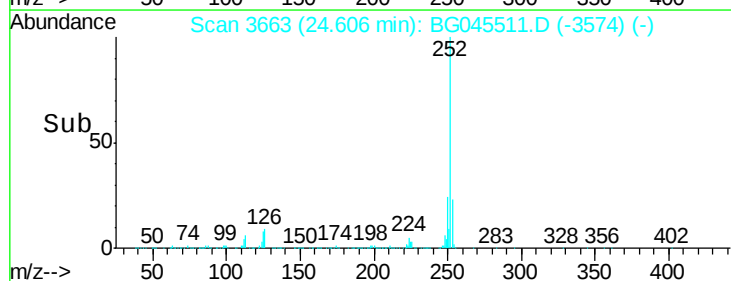
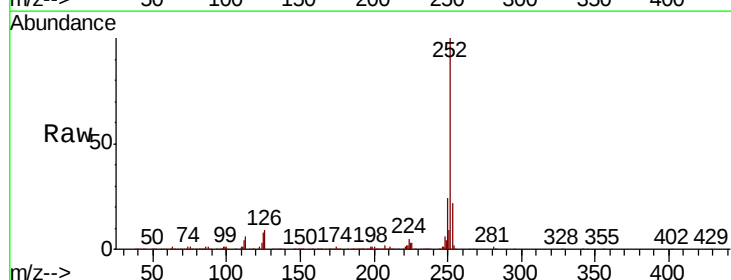
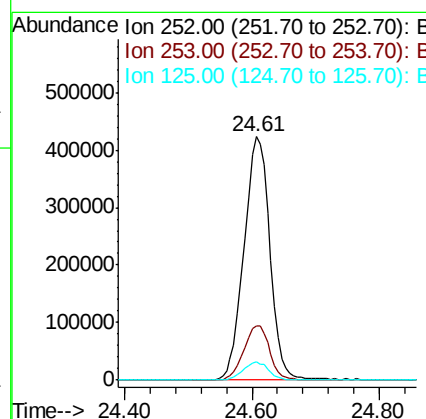
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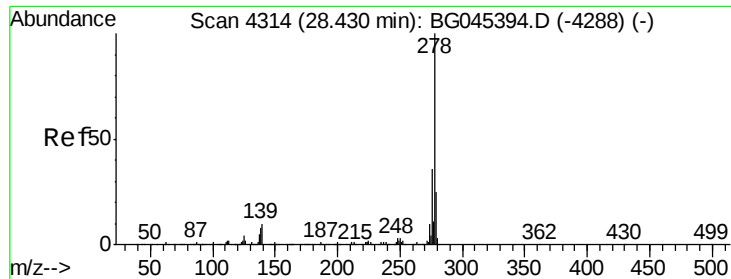
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#90
Benzo(a)pyrene
Concen: 49.604 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.6	5.0	7.6#





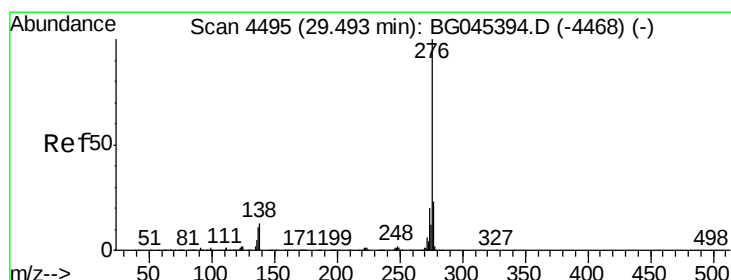
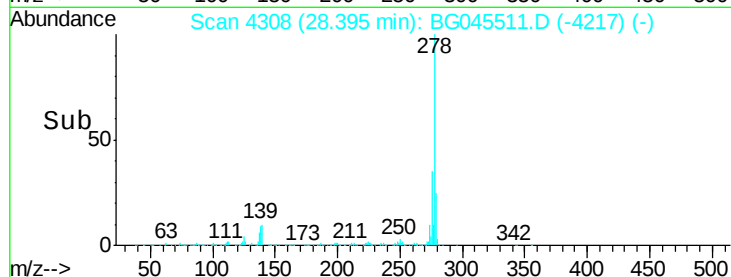
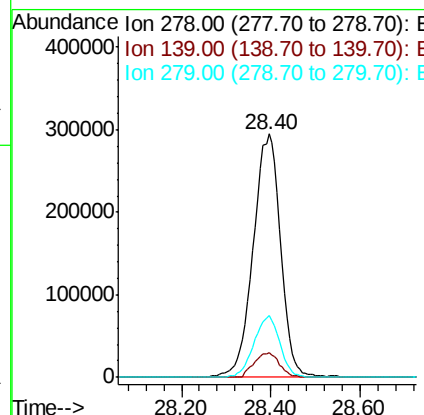
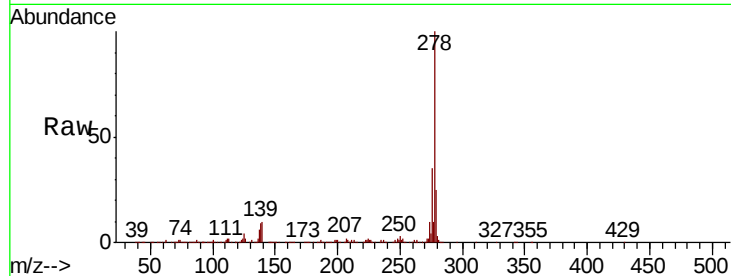
#91
Dibenzo(a,h)anthracene
Concen: 51.256 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB129114BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	7.8	11.8
279	25.3	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 52.568 ng
RT: 29.45 min Scan# 4487
Delta R.T. 0.00 min
Lab File: BG045511.D
Acq: 29 May 2020 3:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	12.9	10.2	15.4

