

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045431.D
 Acq On : 19 May 2020 19:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc : WATER - LOD - 8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Quant Time: May 20 02:23:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	108412	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	425398	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	303093	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	697077	20.00	ng	0.00
76) Chrysene-d12	21.62	240	657239	20.00	ng	0.00
87) Perylene-d12	24.77	264	726587	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	446372	80.47	ng	0.00
7) Phenol-d6	7.20	99	648502	82.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	618659	79.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	292139	75.37	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1379605	77.21	ng	0.00
79) Terphenyl-d14	19.97	244	2191863	77.78	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	102895	37.404 ng	98
3) Pyridine	3.82	79	310190	40.488 ng	93
4) n-Nitrosodimethylamine	3.73	42	92962	37.081 ng	96
6) Aniline	7.30	93	409818	39.761 ng	98
8) 2-Chlorophenol	7.55	128	240318	39.504 ng	97
9) Benzaldehyde	7.10	77	207910	40.417 ng	96
10) Phenol	7.22	94	328295	40.344 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	260255	41.003 ng	99
12) 1,3-Dichlorobenzene	7.85	146	289662	39.623 ng	98
13) 1,4-Dichlorobenzene	8.00	146	289070	40.068 ng	98
14) 1,2-Dichlorobenzene	8.32	146	273055	39.351 ng	97
15) Benzyl Alcohol	8.22	79	258367	39.612 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	250871	41.639 ng	98
17) 2-Methylphenol	8.46	107	254402	41.768 ng	96
18) Hexachloroethane	9.05	117	109544	39.645 ng	91
19) n-Nitroso-di-n-propylamine	8.77	70	223385	40.914 ng	99
20) 3+4-Methylphenols	8.79	107	336797m	40.607 ng	
22) Acetophenone	8.79	105	406615	40.329 ng	# 93
24) Nitrobenzene	9.17	77	327137	39.141 ng	96
25) Isophorone	9.69	82	627138	40.821 ng	99
26) 2-Nitrophenol	9.89	139	150433	42.075 ng	89
27) 2,4-Dimethylphenol	9.97	122	224912	42.413 ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	334425	41.508 ng	97
29) 2,4-Dichlorophenol	10.45	162	263316	42.050 ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	299375	40.459 ng	95
31) Naphthalene	10.82	128	803700	40.543 ng	99
32) Benzoic acid	10.17	122	171756	47.702 ng	95
33) 4-Chloroaniline	10.94	127	351153	42.378 ng	98
34) Hexachlorobutadiene	11.11	225	206469	39.474 ng	97
35) Caprolactam	11.71	113	92752	40.354 ng	97
36) 4-Chloro-3-methylphenol	12.11	107	295842	41.926 ng	95
37) 2-Methylnaphthalene	12.43	142	604432	40.909 ng	96
38) 1-Methylnaphthalene	12.65	142	567720	40.677 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	330730	39.066 ng	100

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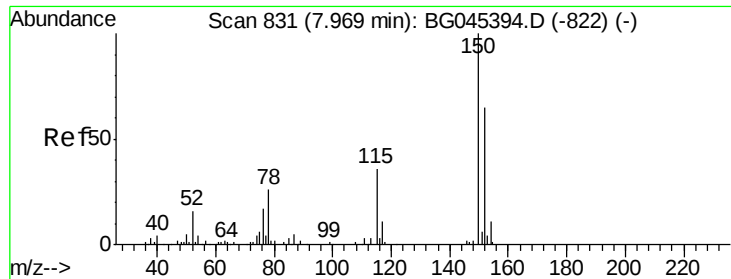
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	193792	39.660	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	235855	40.105	nq	98
44) 2,4,5-Trichlorophenol	13.15	196	261282	38.879	nq	96
46) 1,1'-Biphenyl	13.44	154	739784	39.723	nq	99
47) 2-Chloronaphthalene	13.48	162	600700	39.721	nq	100
48) 2-Nitroaniline	13.69	65	191549	38.505	nq	84
49) Acenaphthylene	14.33	152	968539	39.871	nq	99
50) Dimethylphthalate	14.06	163	800081	38.480	nq	99
51) 2,6-Dinitrotoluene	14.18	165	187103	39.880	nq	94
52) Acenaphthene	14.67	154	642673m	39.524	nq	
53) 3-Nitroaniline	14.53	138	189581	39.750	nq	94
54) 2,4-Dinitrophenol	14.72	184	99956	35.763	nq	92
55) Dibenzofuran	15.01	168	941216	38.979	nq	98
56) 4-Nitrophenol	14.90	139	139990	38.769	nq	98
57) 2,4-Dinitrotoluene	14.97	165	265368	39.054	nq	# 93
58) Fluorene	15.66	166	777706	39.203	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	229198	38.766	nq	99
60) Diethylphthalate	15.43	149	821787	37.974	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	439901	38.751	nq	99
62) 4-Nitroaniline	15.69	138	198637	39.895	nq	91
63) Azobenzene	15.94	77	772253	38.270	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	159095	39.188	nq	96
66) n-Nitrosodiphenylamine	15.87	169	683926	40.864	nq	96
67) 4-Bromophenyl-phenylether	16.54	248	310131	41.087	nq	98
68) Hexachlorobenzene	16.67	284	319025	40.410	nq	96
69) Atrazine	16.82	200	272047	39.463	nq	99
70) Pentachlorophenol	17.02	266	226173	55.174	nq	99
71) Phenanthrene	17.40	178	1210745	39.786	nq	98
72) Anthracene	17.49	178	1230843	40.276	nq	98
73) Carbazole	17.76	167	1186686	39.837	nq	99
74) Di-n-butylphthalate	18.32	149	1406541	39.339	nq	98
75) Fluoranthene	19.41	202	1496517	38.663	nq	97
77) Benzidine	19.59	184	694258	37.611	nq	99
78) Pyrene	19.77	202	1519572	40.559	nq	97
80) Butylbenzylphthalate	20.65	149	652073	40.323	nq	97
81) Benzo(a)anthracene	21.59	228	1454389	39.724	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	565338	39.364	nq	99
83) Chrysene	21.66	228	1410150	40.056	nq	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	887771	39.937	nq	98
85) Di-n-octyl phthalate	22.70	149	1505411	39.430	nq	100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1799493	39.089	nq	# 94
88) Benzo(b)fluoranthene	23.77	252	1525974	39.160	nq	98
89) Benzo(k)fluoranthene	23.84	252	1500048	40.974	nq	99
90) Benzo(a)pyrene	24.63	252	1460864	40.253	nq	# 97
91) Dibenzo(a,h)anthracene	28.41	278	1437703	39.422	nq	98
92) Benzo(g,h,i)perylene	29.47	276	1449718	39.746	nq	96

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



#1

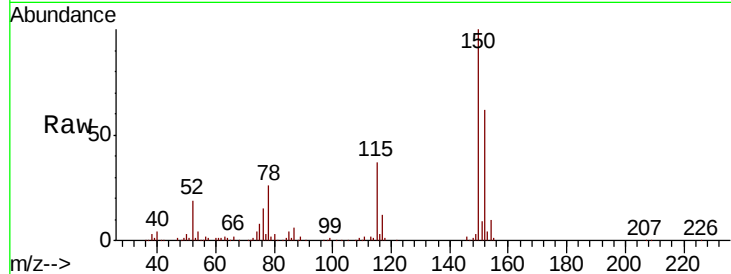
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.4	183.6
115	58.6	44.2	66.4

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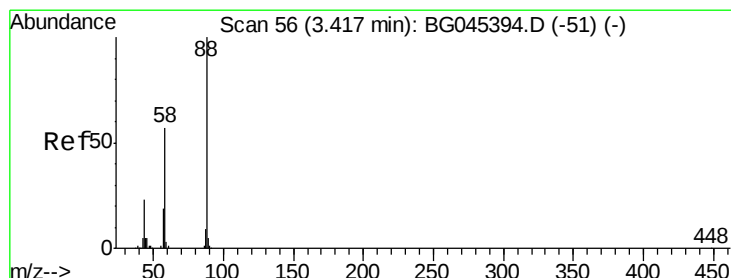
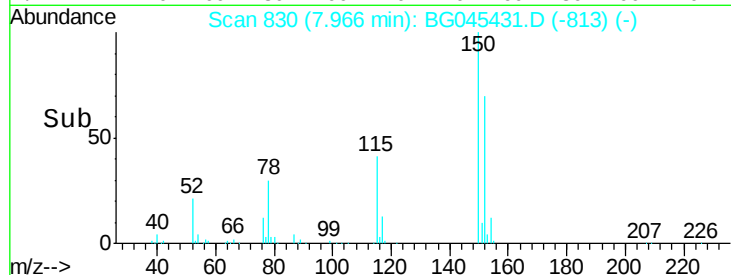
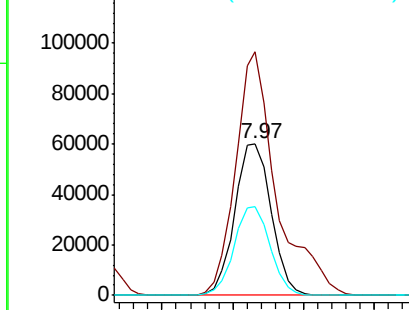


Abundance

Ion 152.00 (151.70 to 152.70): B

Ion 150.00 (149.70 to 150.70): B

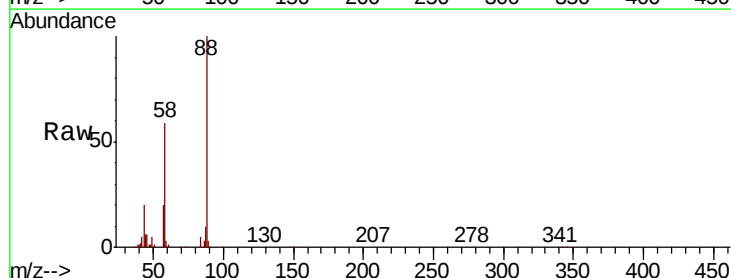
Ion 115.00 (114.70 to 115.70): B



#2

1,4-Dioxane
Concen: 37.404 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	45.7	68.5
43	20.8	16.8	25.2

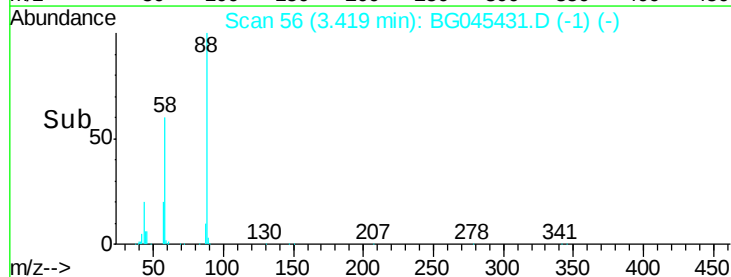
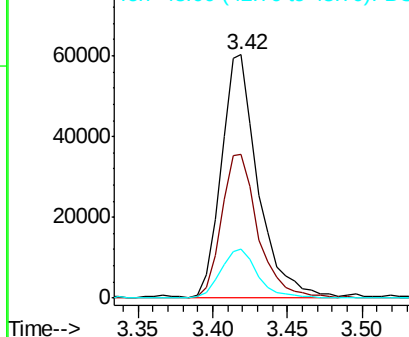


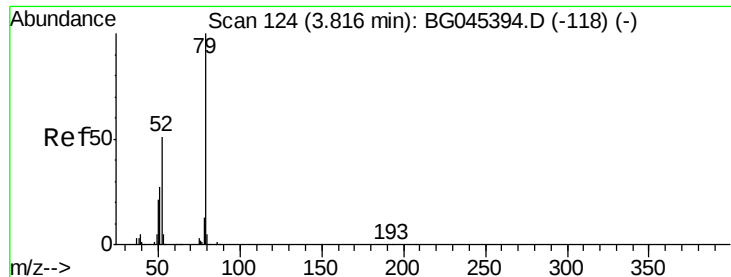
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.488 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

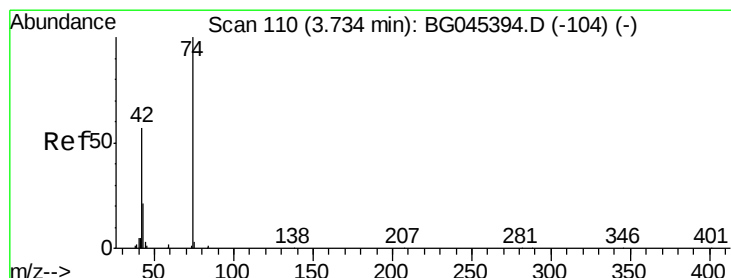
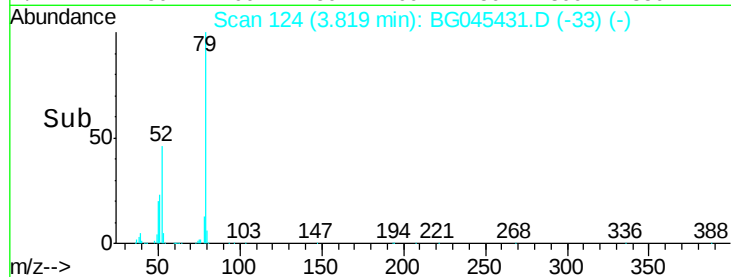
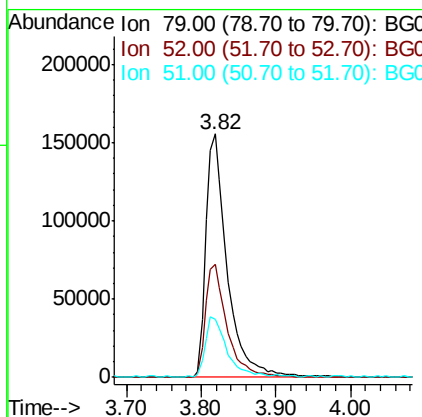
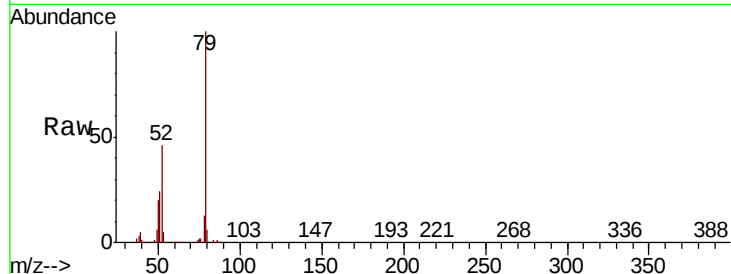
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	310190
Ion	Ratio	Lower	Upper
79	100		
52	46.2	40.8	61.2
51	23.8	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 37.081 ng

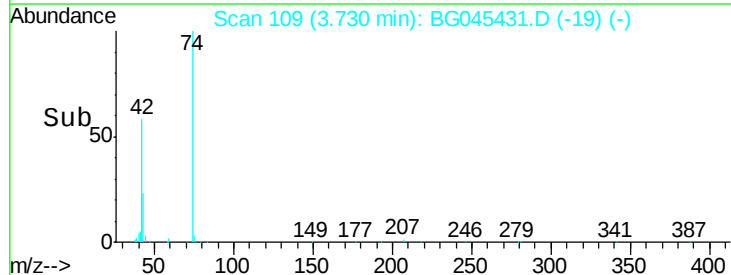
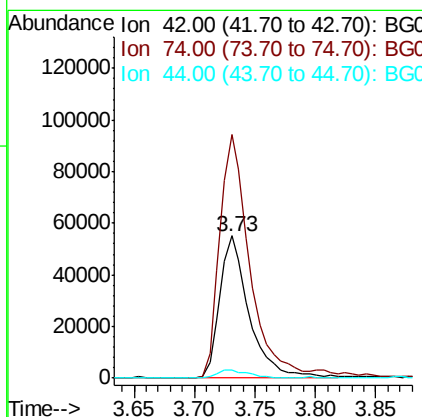
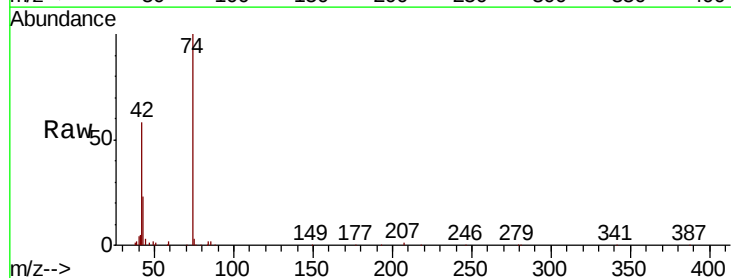
RT: 3.73 min Scan# 109

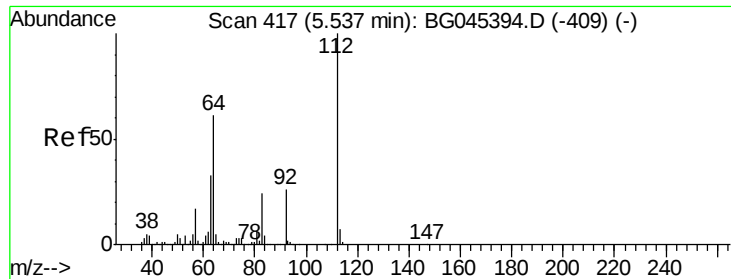
Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	42	Resp:	92962
Ion	Ratio	Lower	Upper
42	100		
74	171.0	141.3	211.9
44	5.8	4.2	6.4





#5

2-Fluorophenol

Concen: 80.466 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

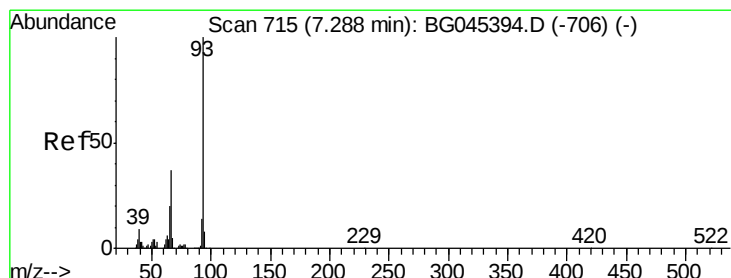
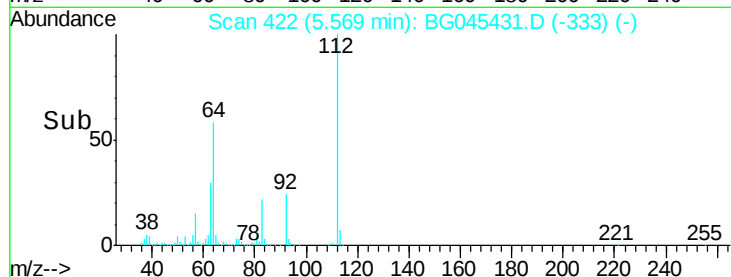
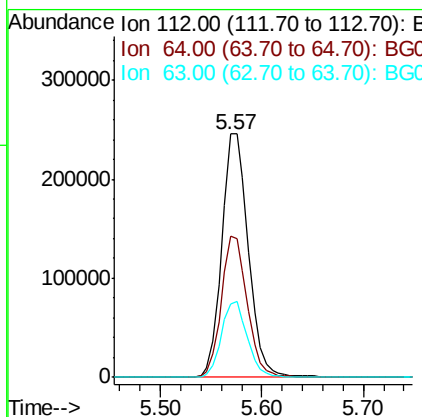
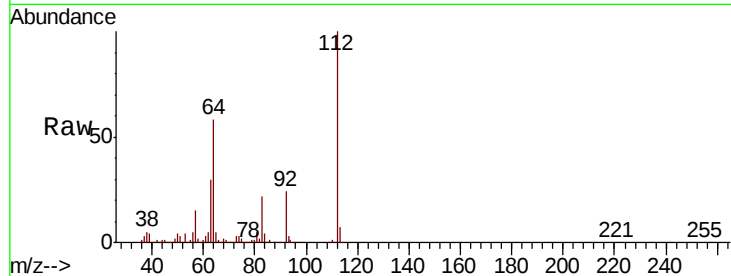
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	446372
Ion Ratio	Lower	Upper	
112	100		
64	57.9	48.6	72.8
63	30.1	26.5	39.7

Manual Integrations
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#6

Aniline

Concen: 39.761 ng

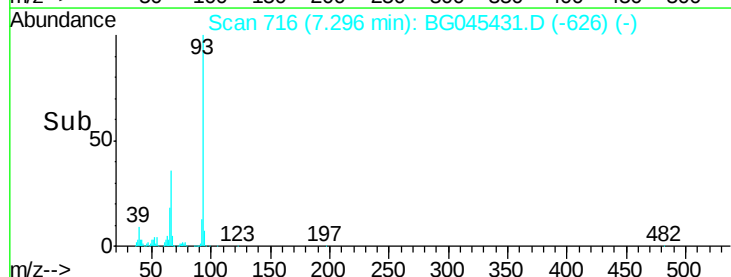
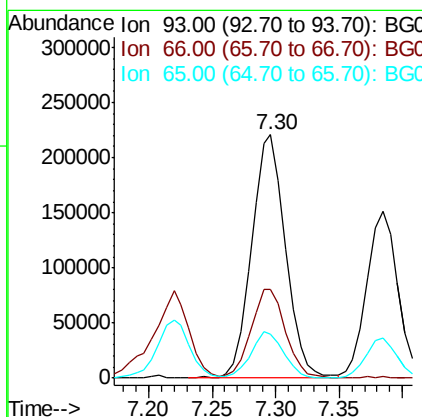
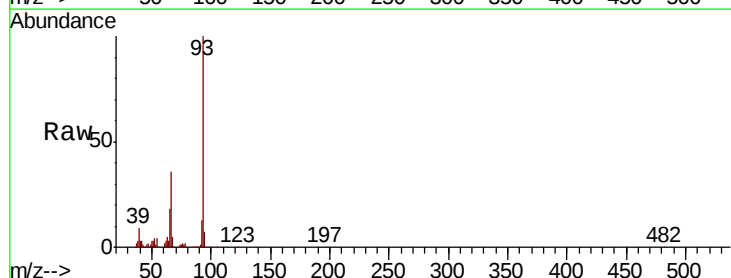
RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	93	Resp:	409818
Ion Ratio	Lower	Upper	
93	100		
66	36.2	29.6	44.4
65	18.2	15.9	23.9





#7

Phenol-d6

Concen: 82.135 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

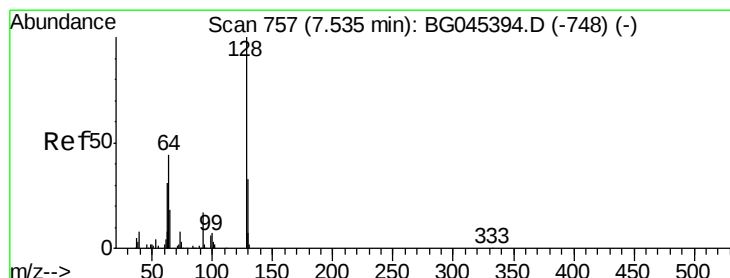
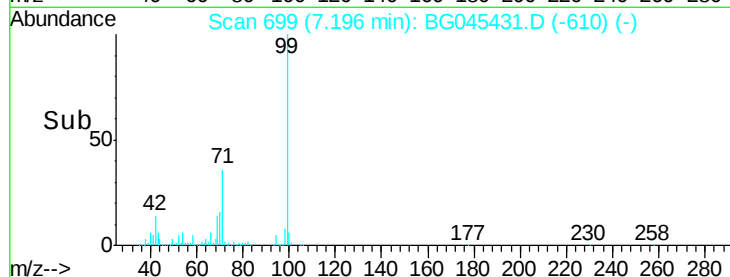
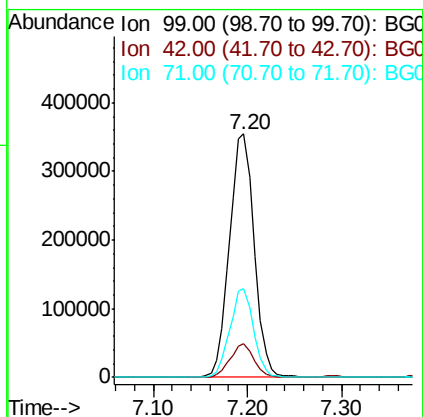
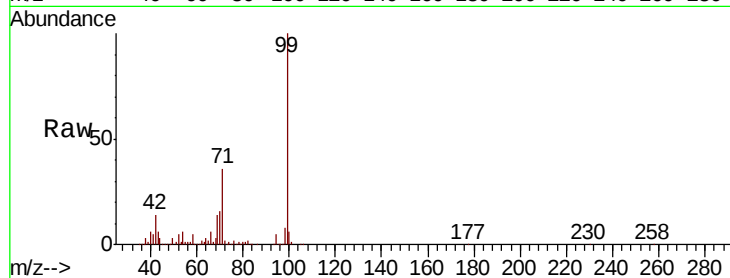
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	648502
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.3	16.9
71	36.3	30.8	46.2

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#8

2-Chlorophenol

Concen: 39.504 ng

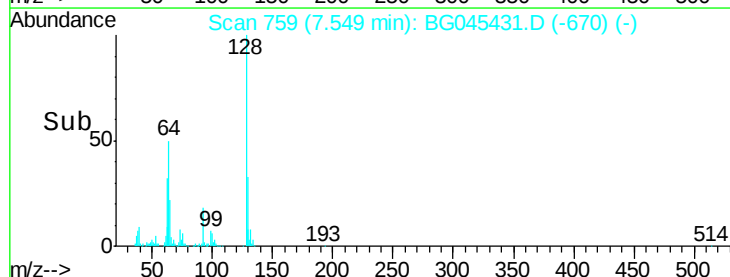
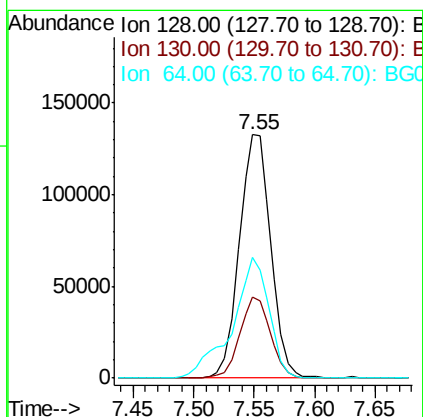
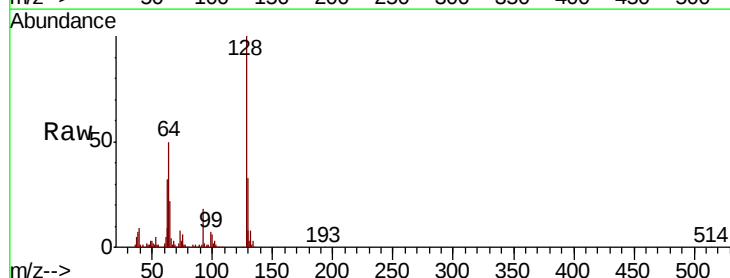
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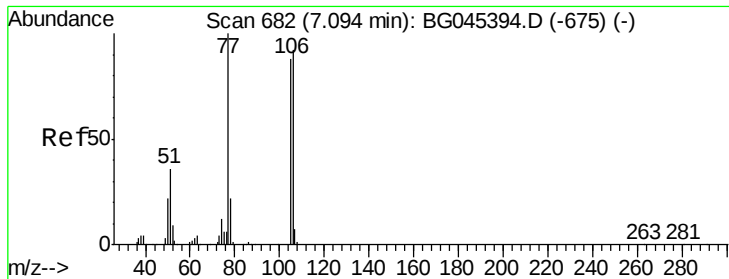
Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	128	Resp:	240318
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.6	52.6
64	49.8	27.0	67.0





#9

Benzaldehyde

Concen: 40.417 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

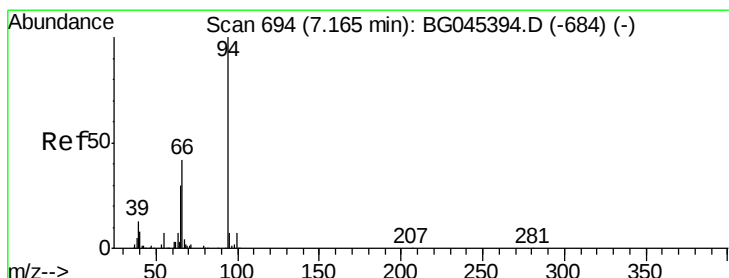
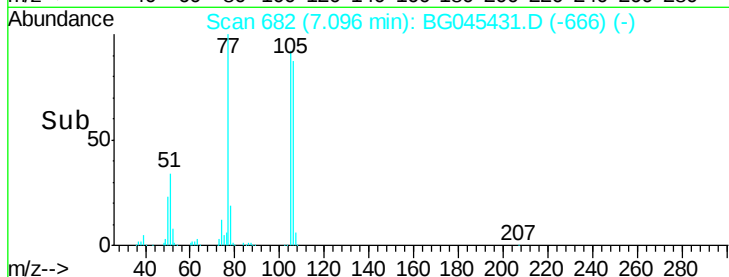
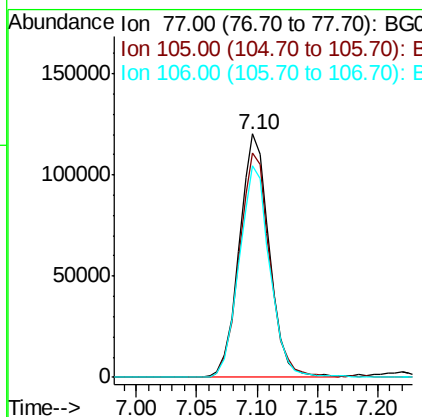
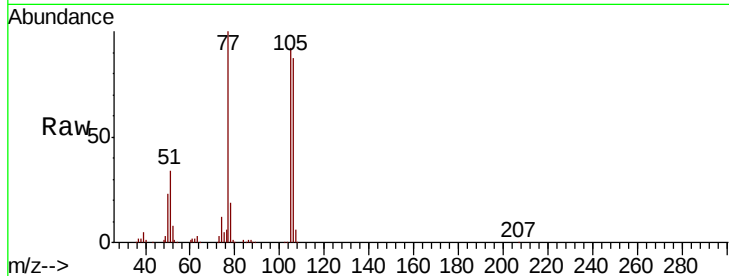
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	207910
Ion	Ratio	Lower	Upper
77	100		
105	92.1	68.5	108.5
106	86.7	71.6	111.6

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#10

Phenol

Concen: 40.344 ng

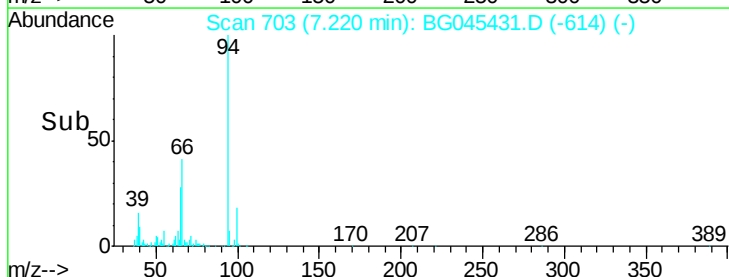
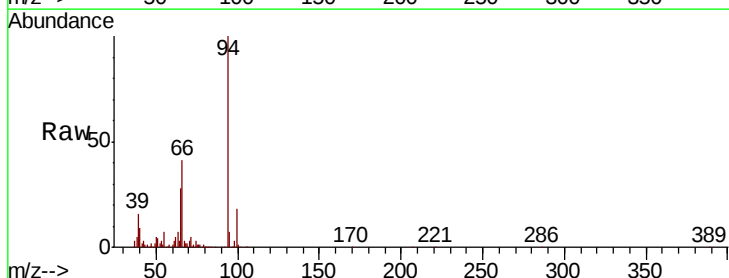
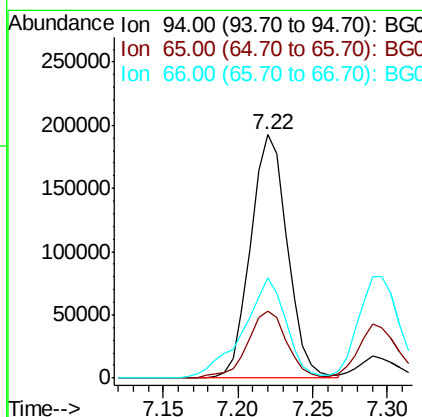
RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	94	Resp:	328295
Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.8	49.8
66	41.4	22.0	62.0





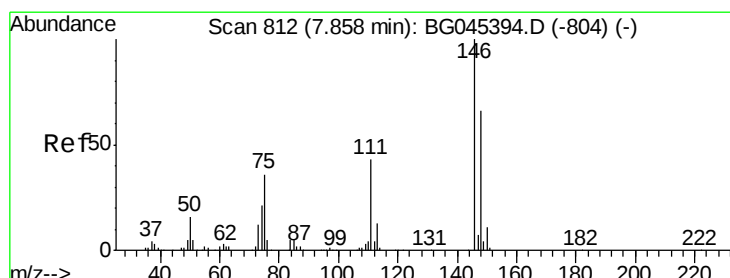
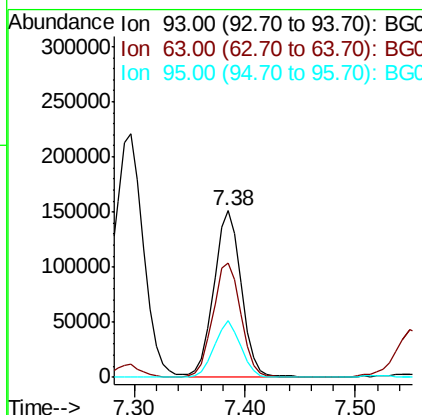
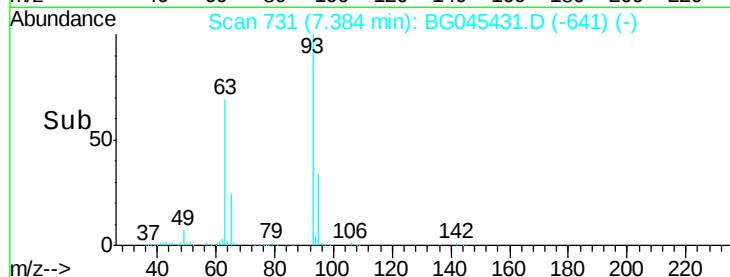
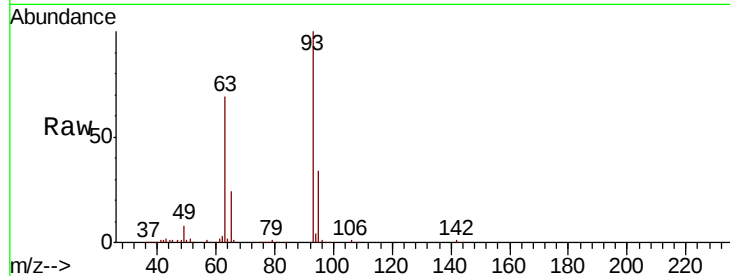
#11
bis(2-Chloroethyl)ether
Concen: 41.003 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.4	88.4
95	34.1	12.4	52.4

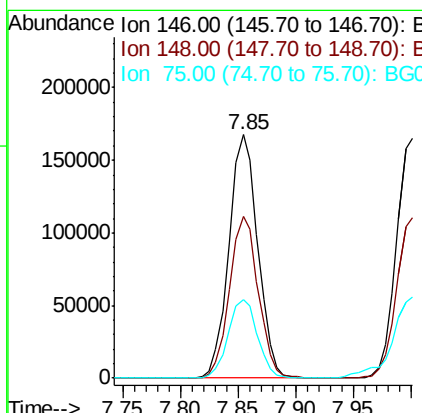
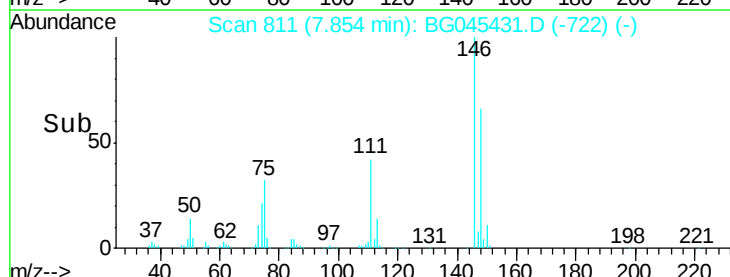
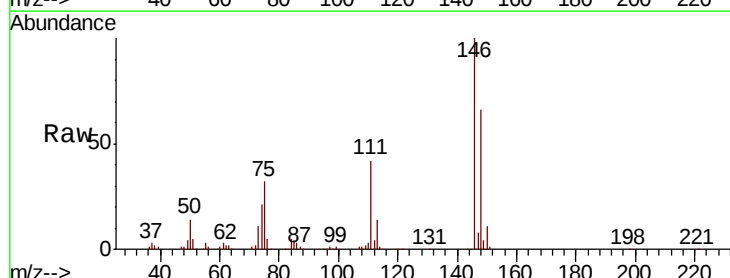
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#12
1,3-Dichlorobenzene
Concen: 39.623 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	32.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 40.068 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

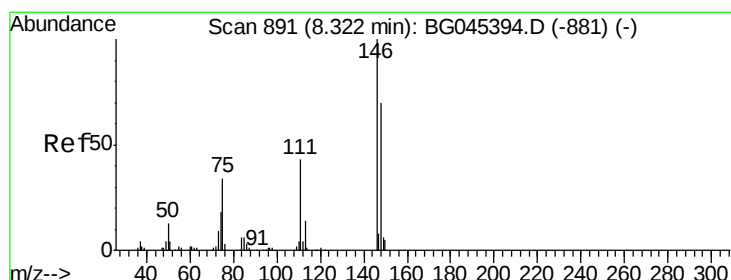
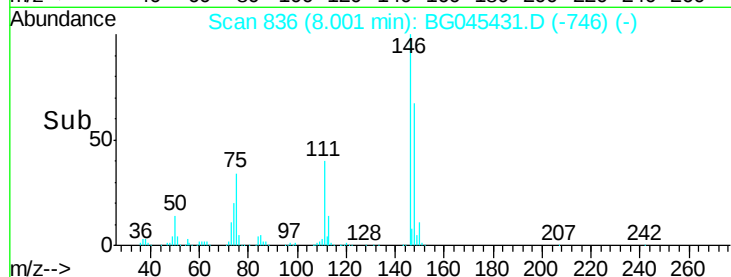
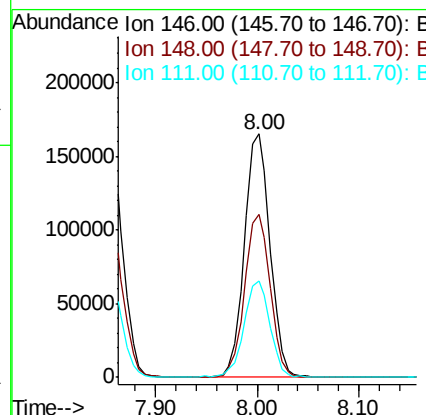
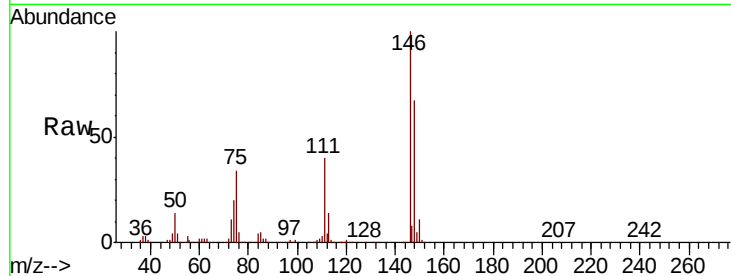
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	289070
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.8	77.8
111	39.7	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 39.351 ng

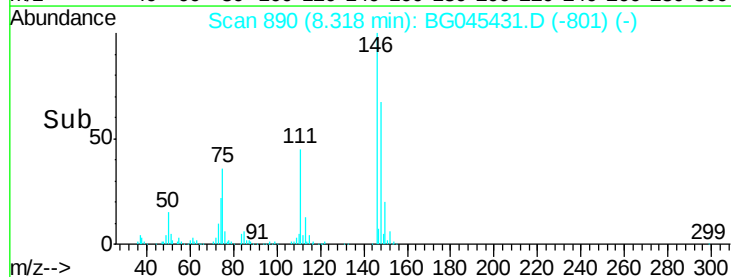
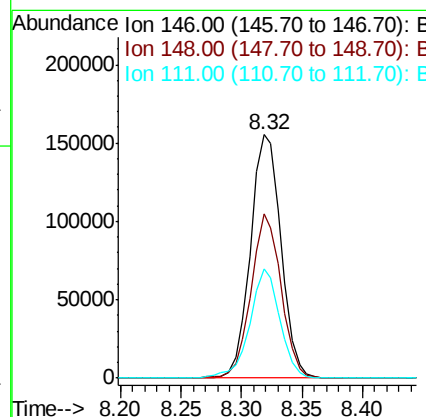
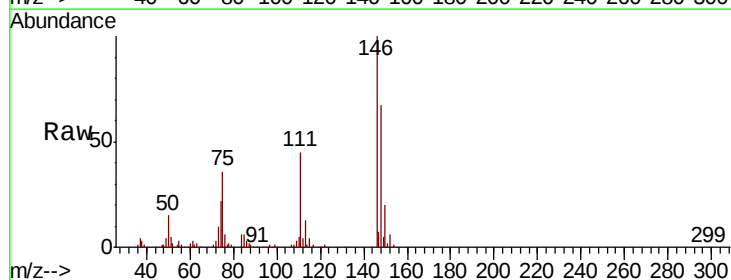
RT: 8.32 min Scan# 890

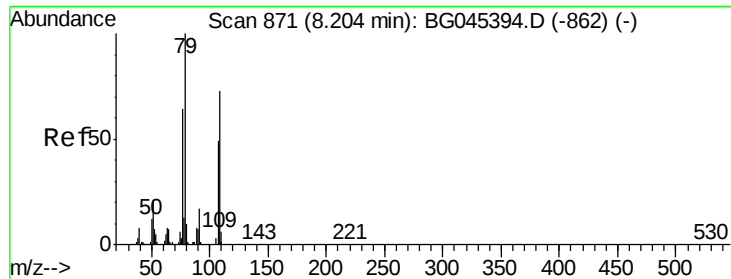
Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	146	Resp:	273055
Ion Ratio	Lower	Upper	
146	100		
148	67.4	55.9	83.9
111	44.8	35.0	52.4





#15

Benzyl Alcohol

Concen: 39.612 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

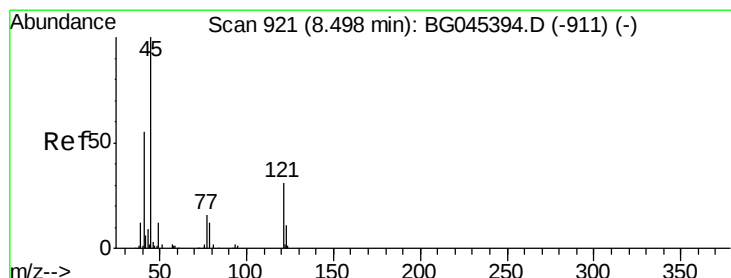
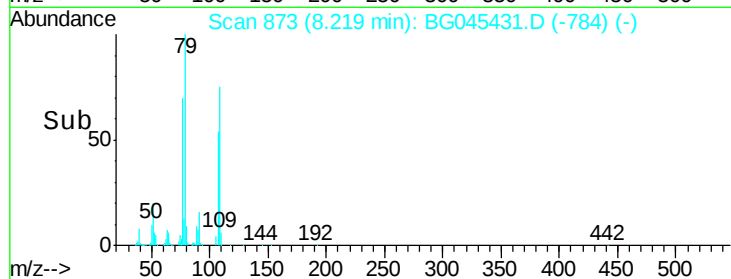
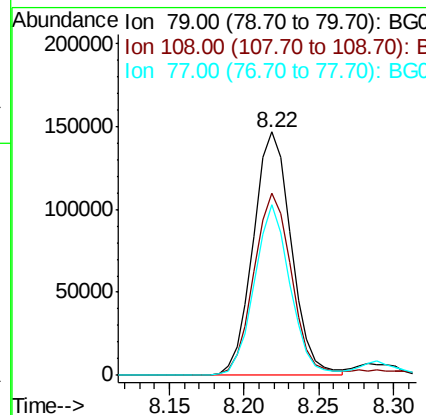
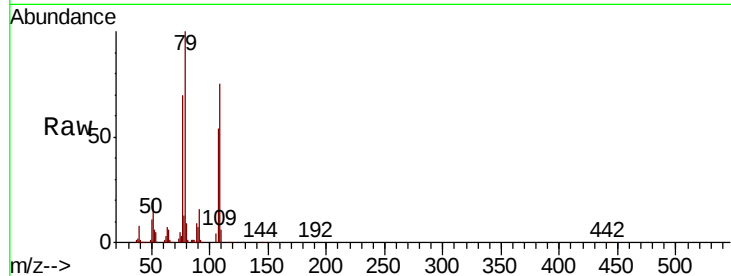
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	258367
Ion	Ratio	Lower	Upper
79	100		
108	74.8	58.2	87.4
77	70.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.639 ng

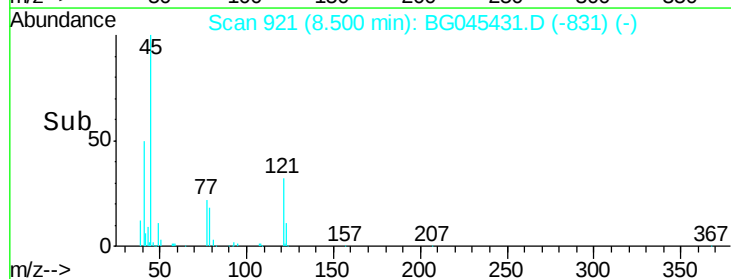
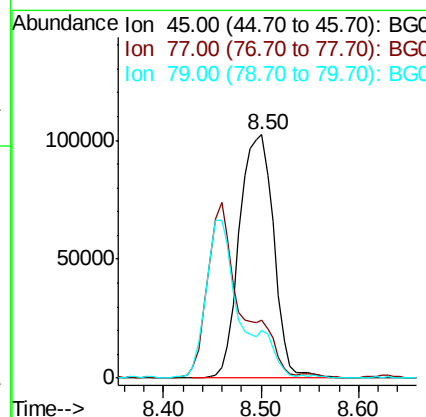
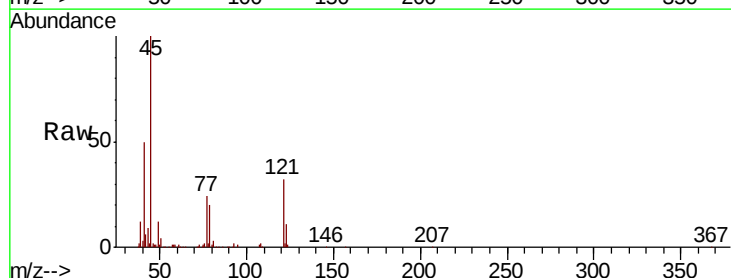
RT: 8.50 min Scan# 921

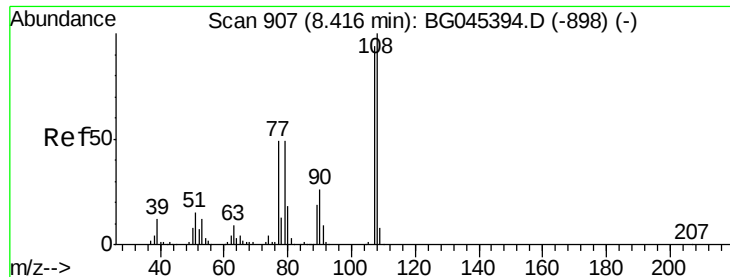
Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	45	Resp:	250871
Ion	Ratio	Lower	Upper
45	100		
77	23.7	4.0	44.0
79	19.8	0.0	38.6





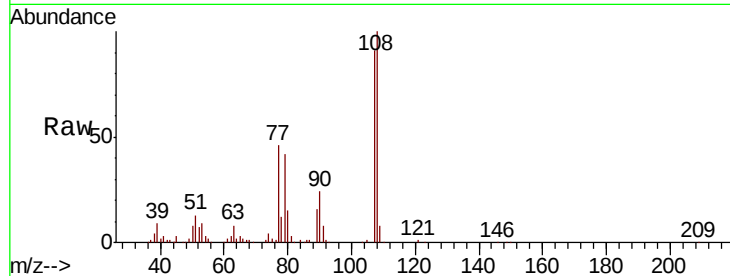
#17
2-Methylphenol
Concen: 41.768 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	85.2	127.8	
77	50.8	41.6	62.4	
79	45.8	41.8	62.8	

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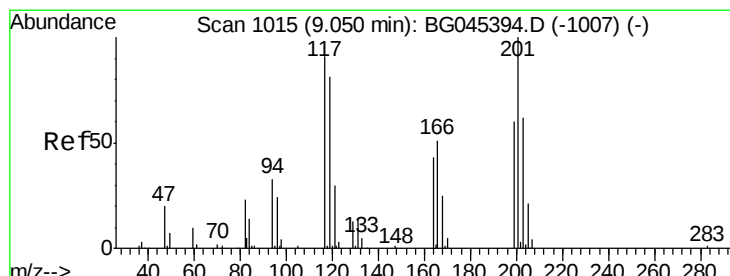
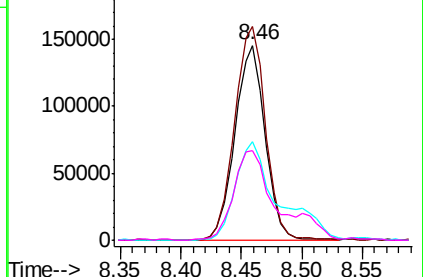
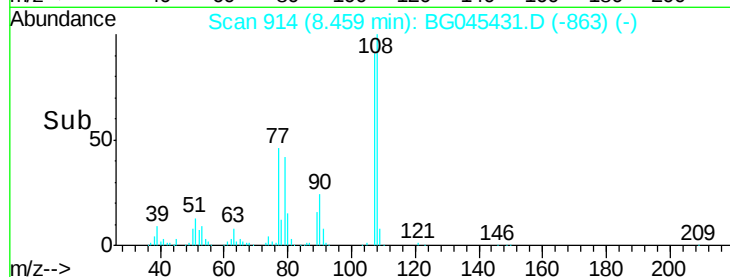
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

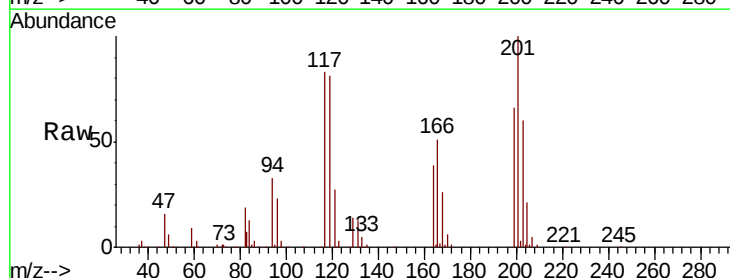
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 39.645 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	71.3	106.9	
201	119.9	87.5	131.3	

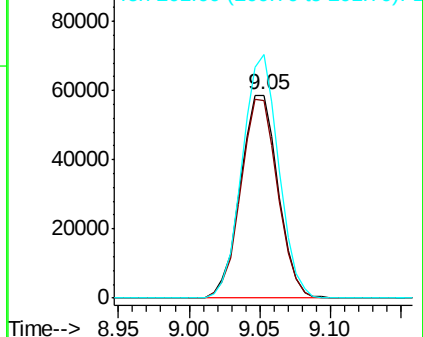
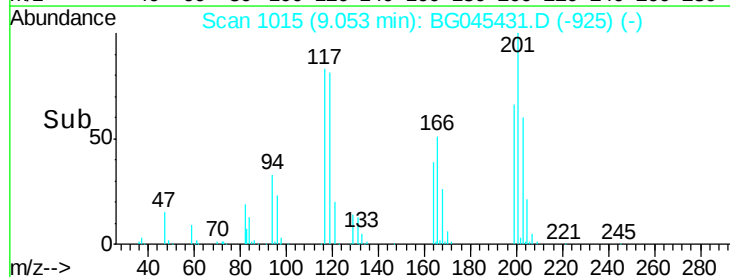


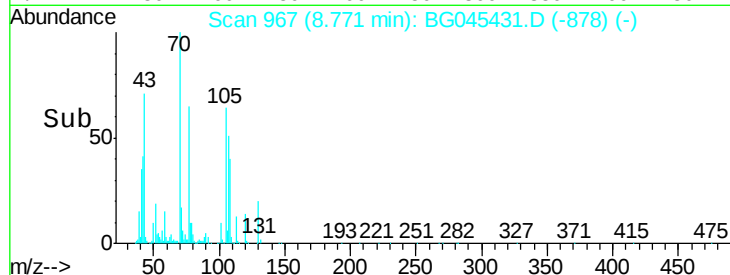
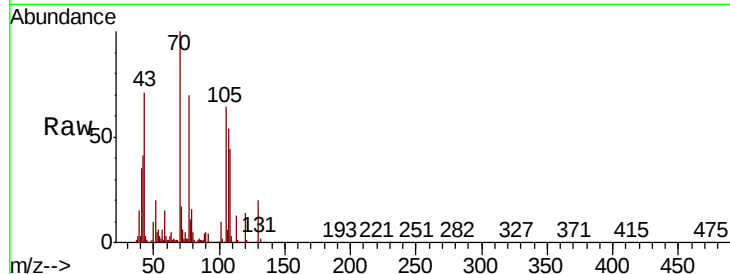
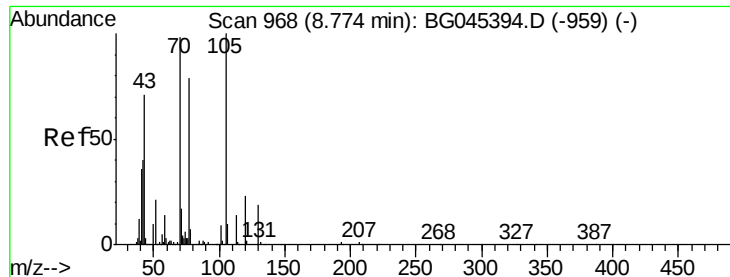
Abundance

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





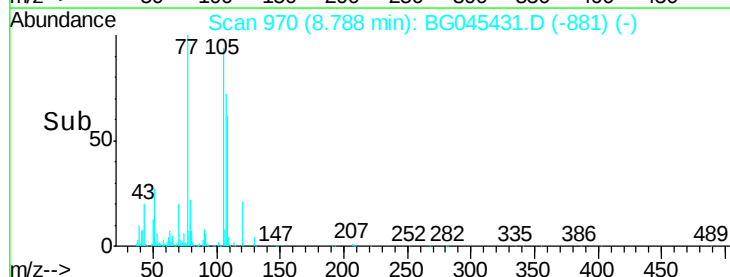
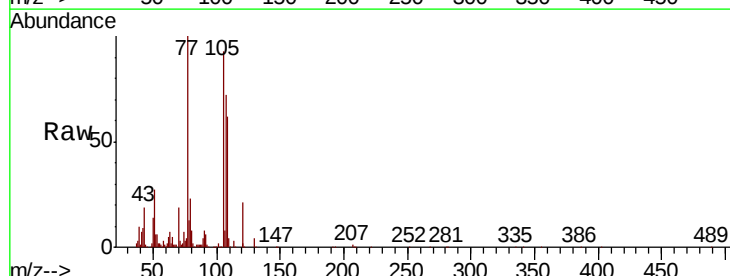
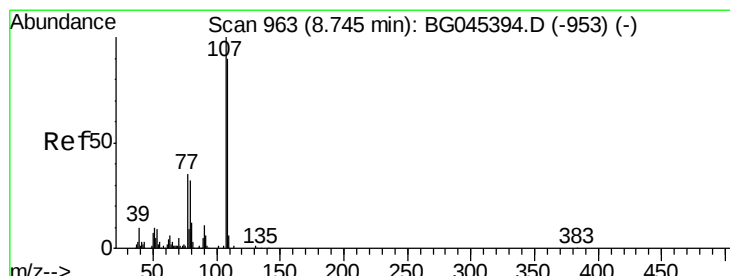
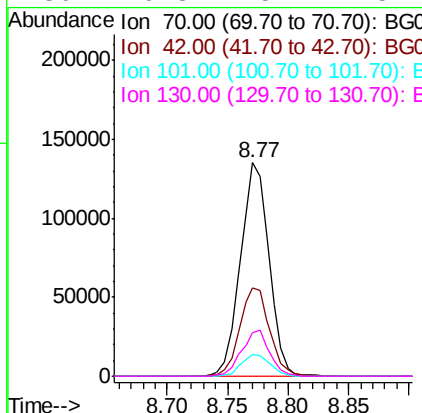
#19
n-Nitroso-di-n-propylamine
Concen: 40.914 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		223385		
42	41.4	33.2	49.8		
101	10.5	7.8	11.6		
130	20.3	15.4	23.2		

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

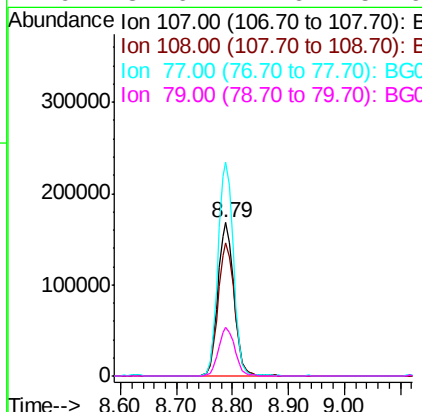
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#20
3+4-Methylphenols
Concen: 40.607 ng m
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		336797		
108	86.4	70.3	110.3		
77	139.2	15.4	55.4#		
79	31.6	12.6	52.6		





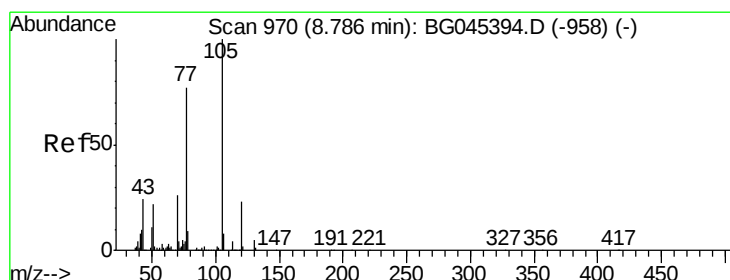
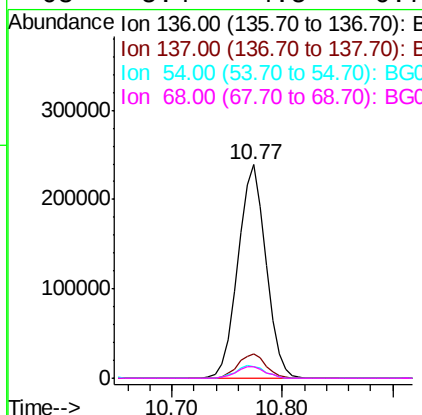
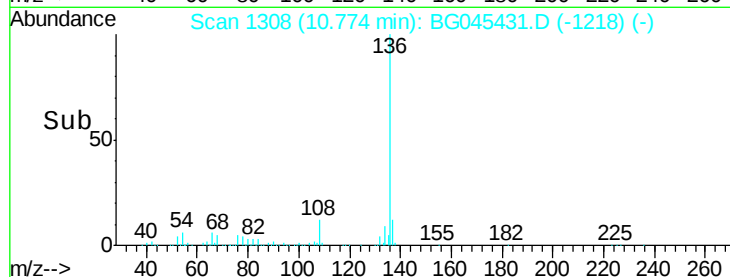
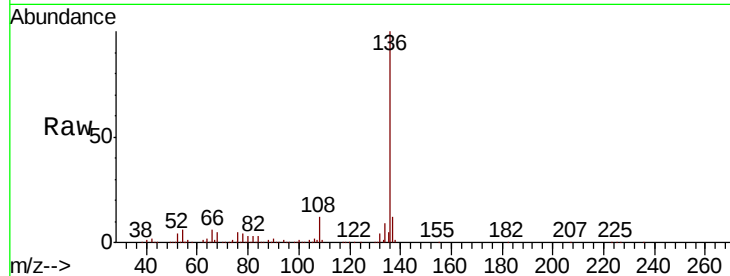
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	425398		
137	11.6	9.4	14.2	
54	5.5	5.8	8.6	
68	5.4	4.5	6.7	

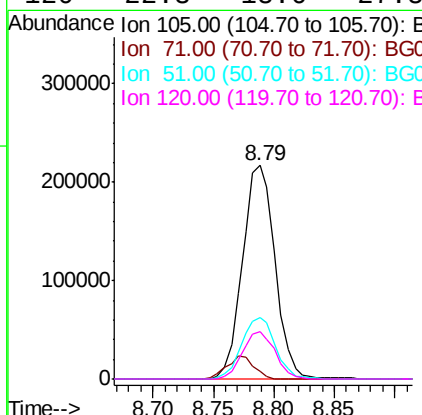
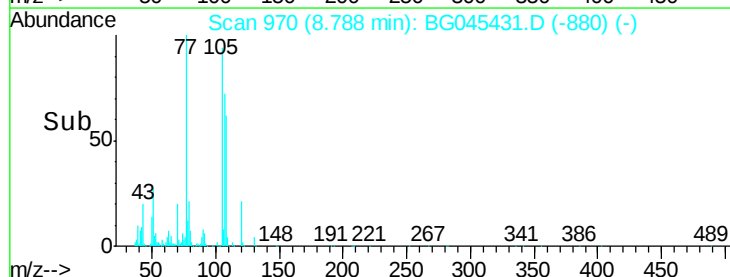
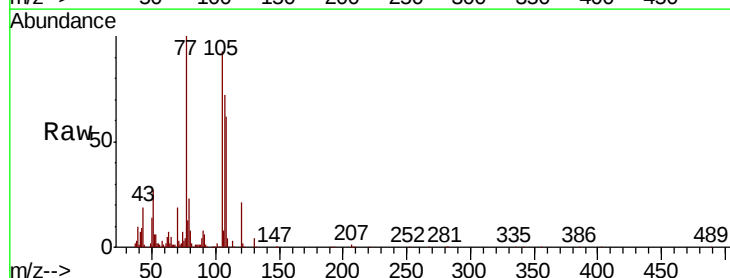
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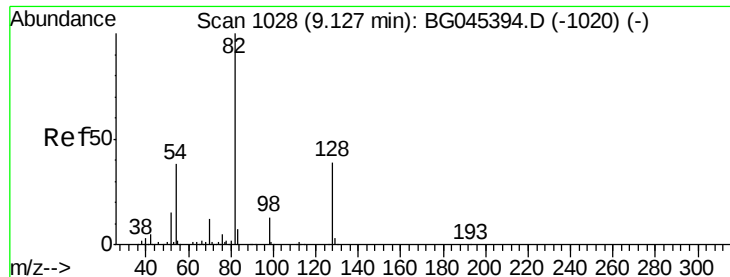
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#22
Acetophenone
Concen: 40.329 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406615		
71	3.4	3.4	5.0	
51	28.8	18.2	27.2	
120	22.3	18.6	27.8	





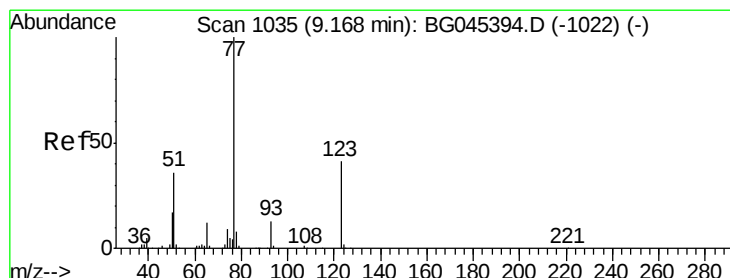
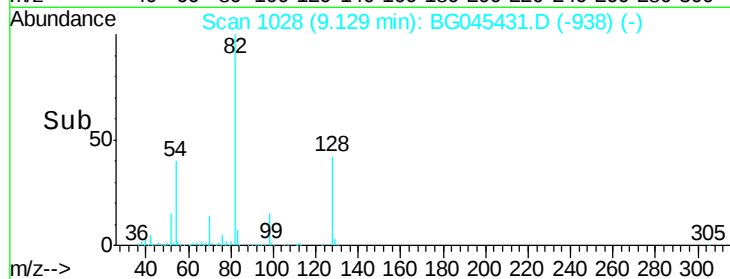
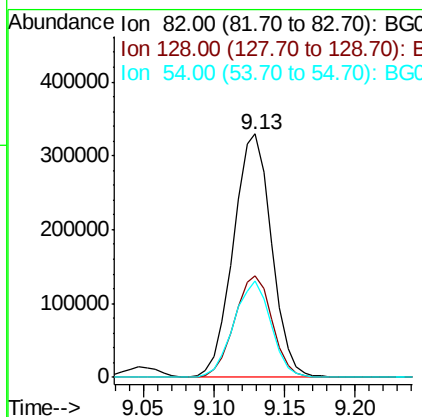
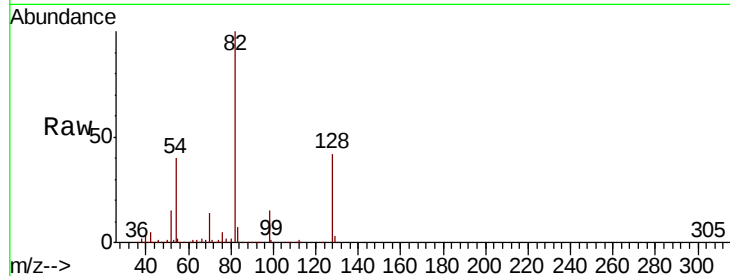
#23
 Nitrobenzene-d5
 Concen: 79.306 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.9	46.3
54	39.6	30.3	45.5

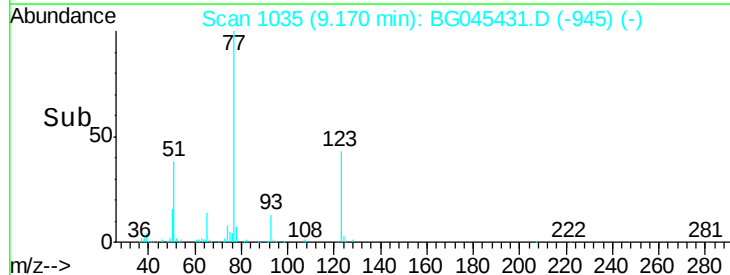
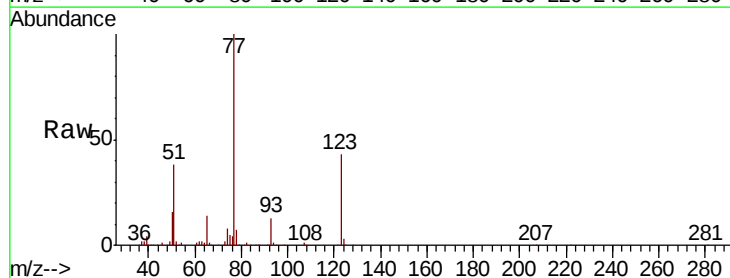
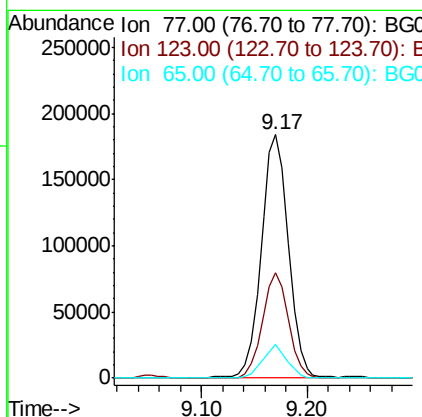
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#24
 Nitrobenzene
 Concen: 39.141 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	32.9	49.3
65	13.9	9.4	14.2





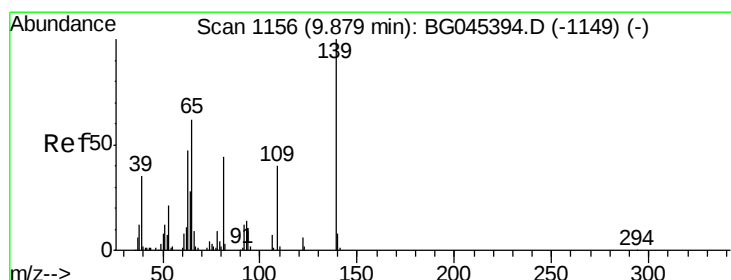
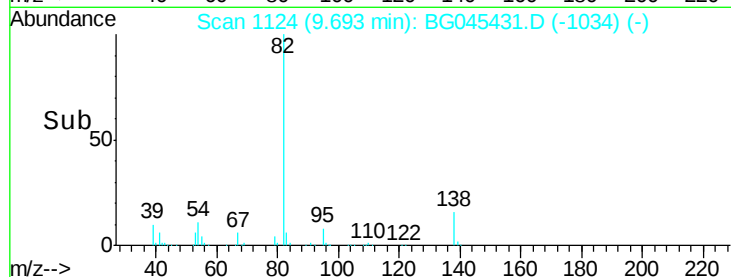
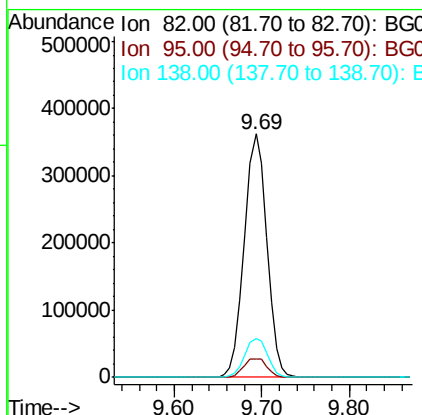
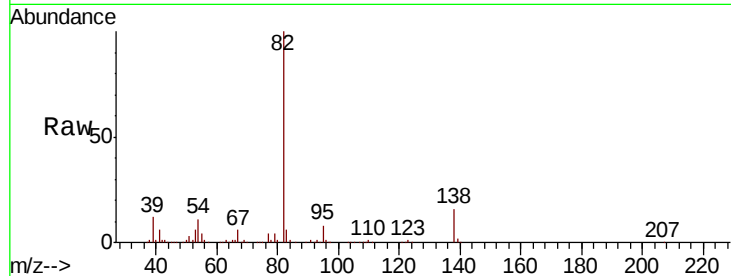
#25
Isophorone
Concen: 40.821 ng
RT: 9.69 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.7	10.1
138	15.7	12.2	18.4

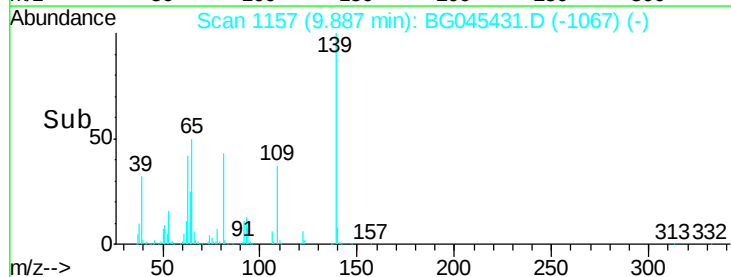
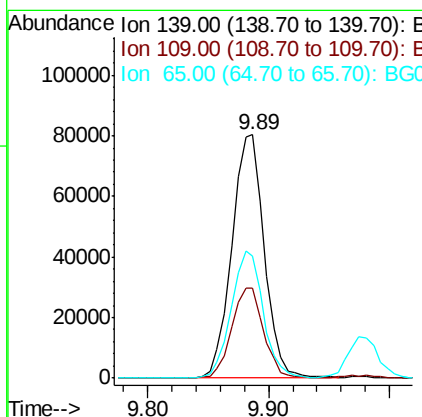
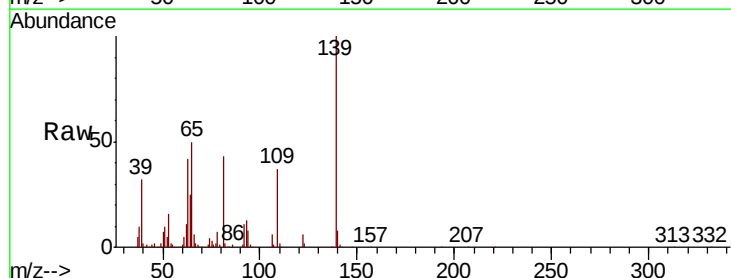
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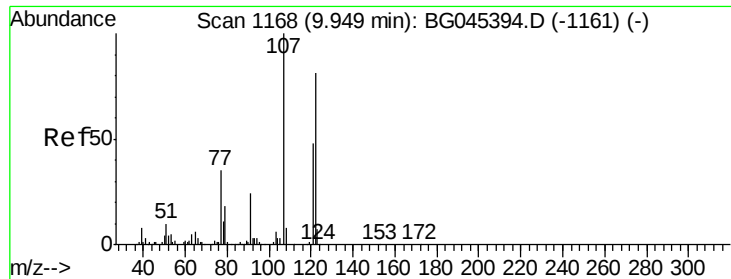
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#26
2-Nitrophenol
Concen: 42.075 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.2	32.2	48.4
65	50.0	49.6	74.4





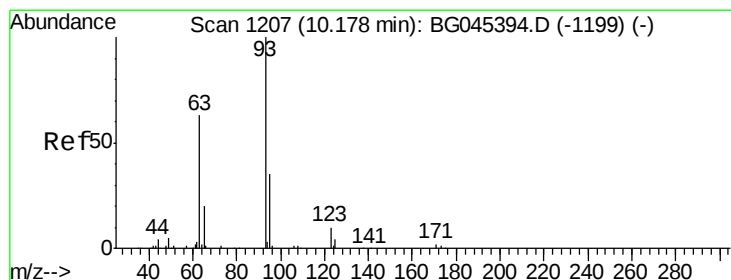
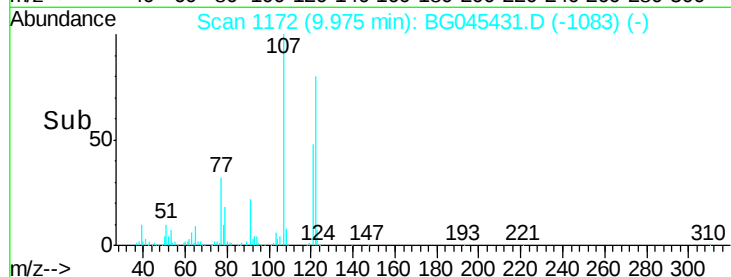
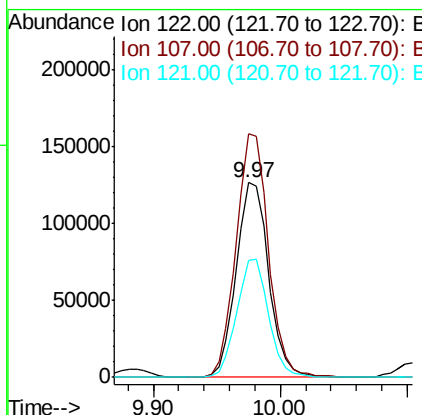
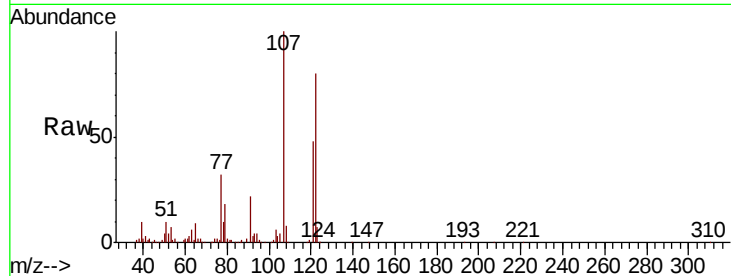
#27
2,4-Dimethylphenol
Concen: 42.413 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	224912		
107	124.9	99.0	148.4	
121	59.8	47.7	71.5	

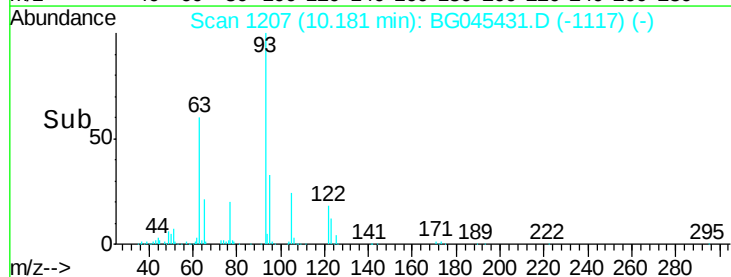
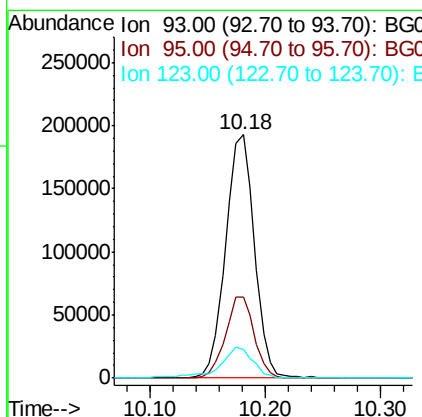
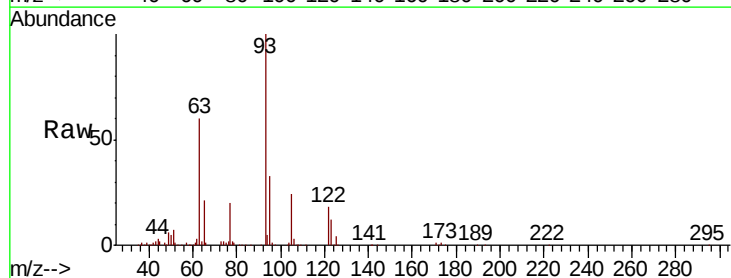
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#28
bis(2-Chloroethoxy)methane
Concen: 41.508 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	334425		
95	33.2	27.6	41.4	
123	11.6	8.1	12.1	





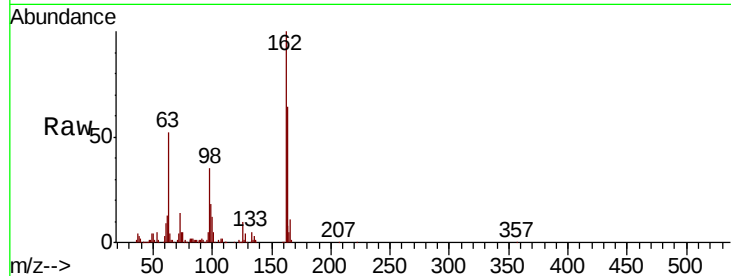
#29
2,4-Dichlorophenol
Concen: 42.050 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	263316		
164	63.7	46.8	86.8	
98	35.3	15.2	55.2	

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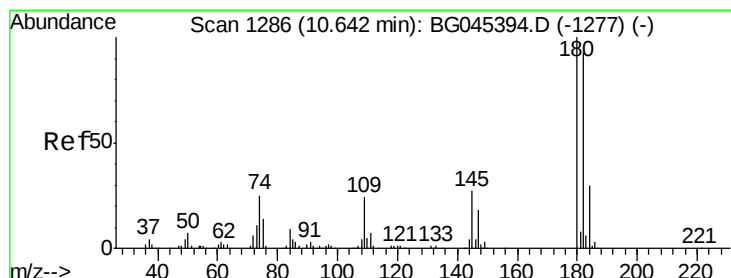
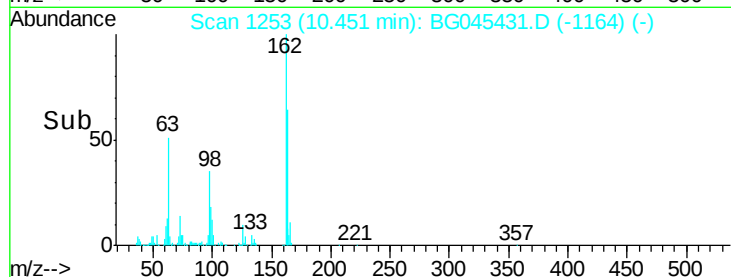
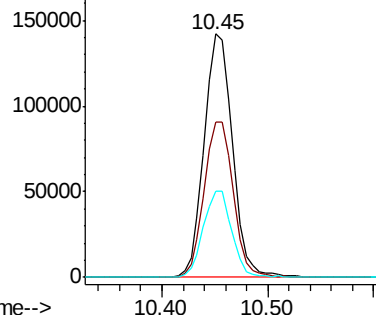


Abundance

Ion 162.00 (161.70 to 162.70): E

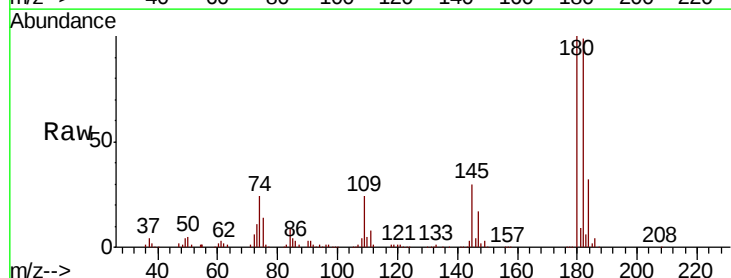
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 40.459 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299375		
182	98.6	74.8	112.2	
145	29.6	21.9	32.9	

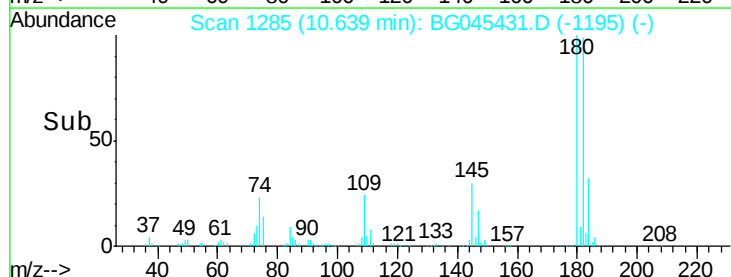
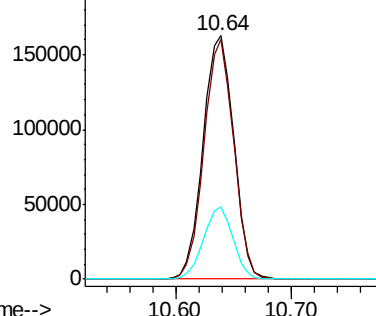


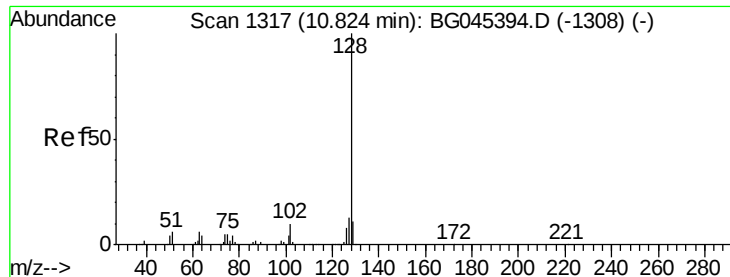
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





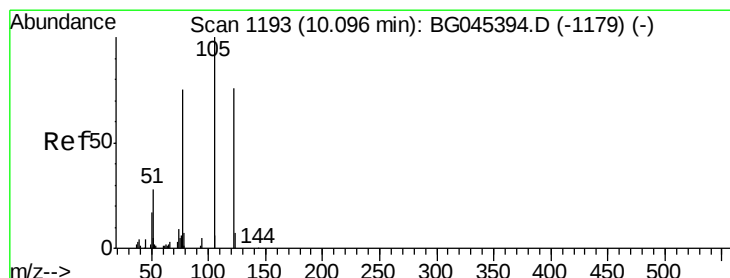
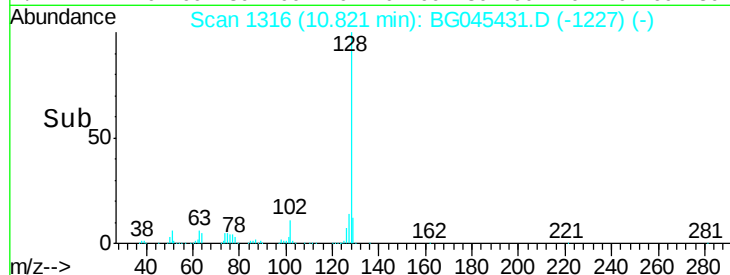
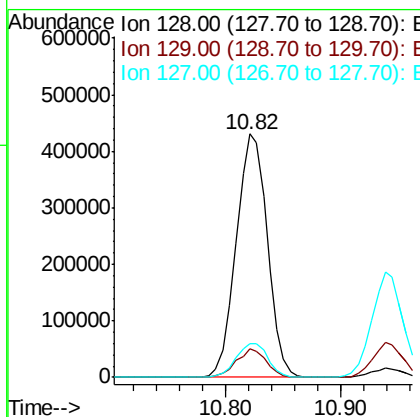
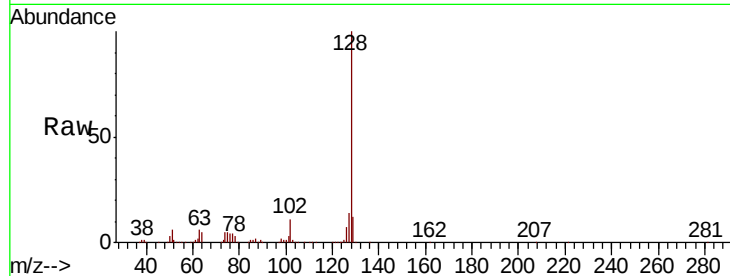
#31
Naphthalene
Concen: 40.543 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	128	Resp:	803700
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	13.9	10.7	16.1

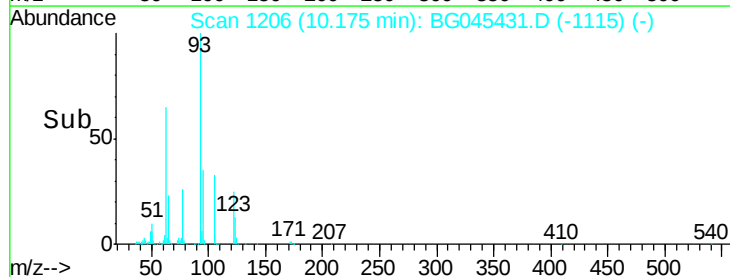
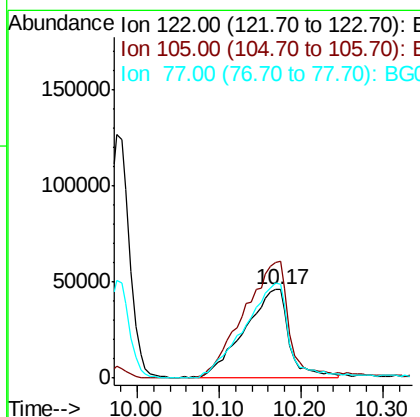
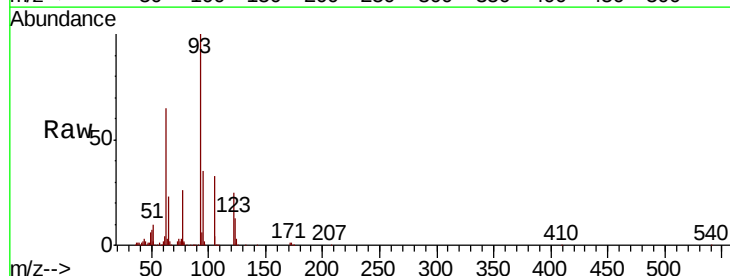
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#32
Benzoic acid
Concen: 47.702 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion:	122	Resp:	171756
Ion Ratio	Lower	Upper	
122	100		
105	132.2	107.9	147.9
77	105.6	78.9	118.9





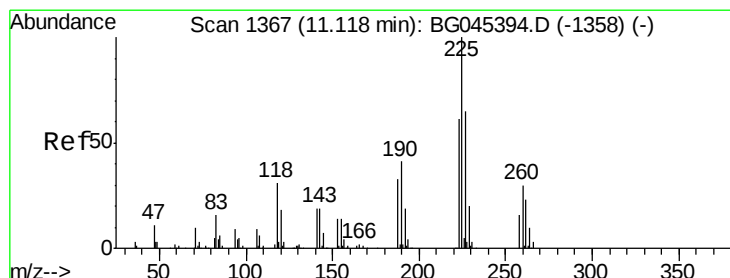
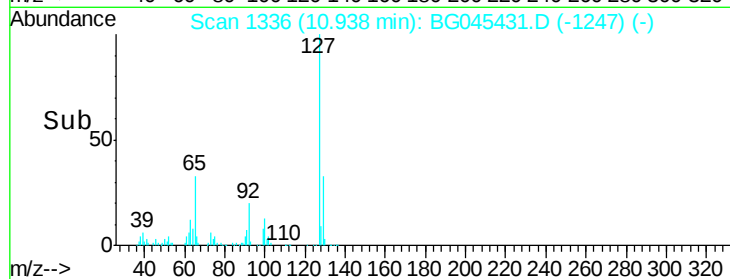
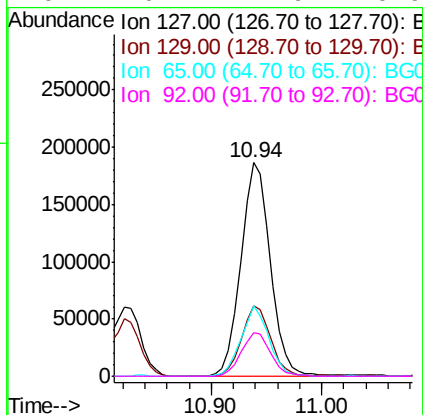
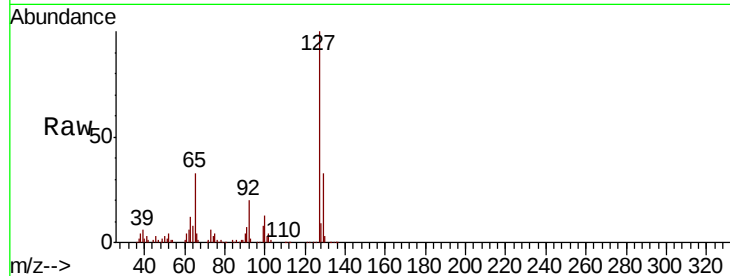
#33
4-Chloroaniline
Concen: 42.378 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	24.7	37.1		
65	32.8	26.2	39.2		
92	20.4	17.9	26.9		

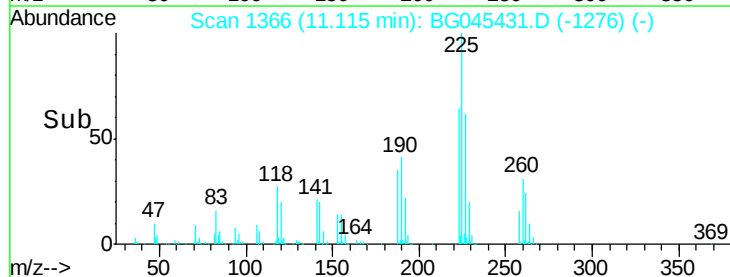
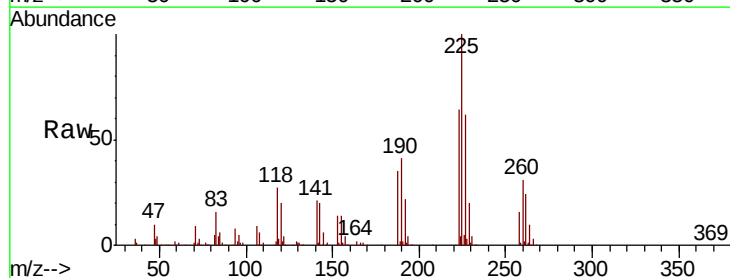
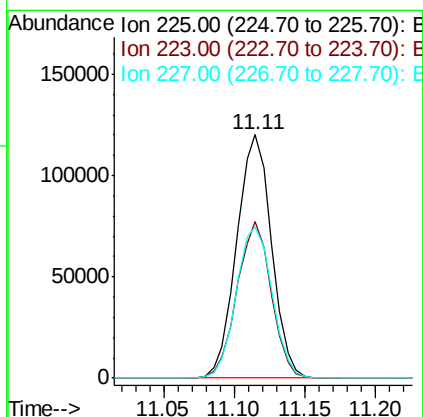
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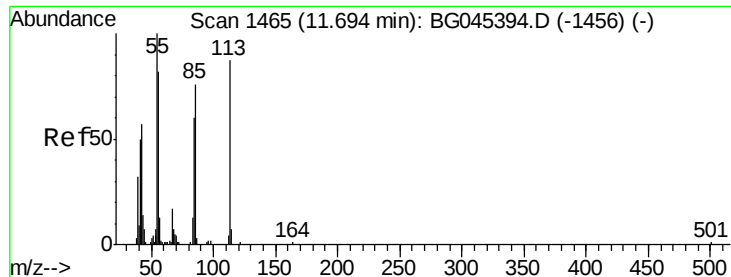
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#34
Hexachlorobutadiene
Concen: 39.474 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.1	73.7		
227	62.4	52.0	78.0		





#35

Caprolactam

Concen: 40.354 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 92752

Ion Ratio Lower Upper

113 100

55 121.7 96.0 136.0

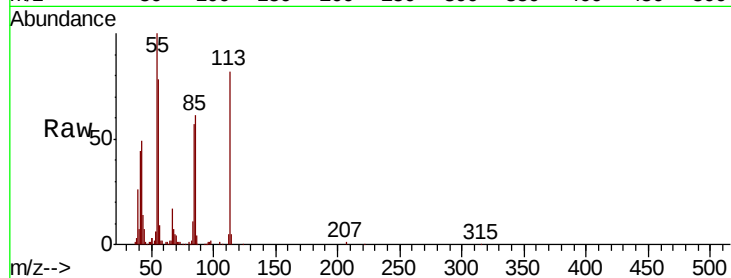
56 94.5 75.1 115.1

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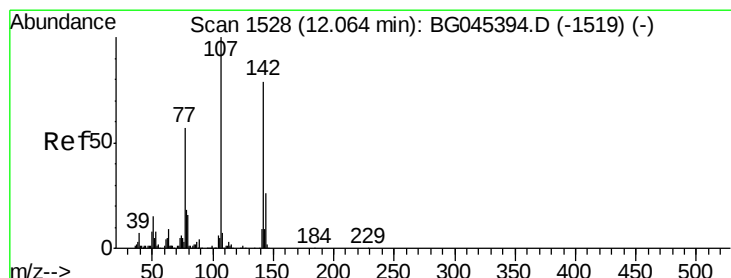
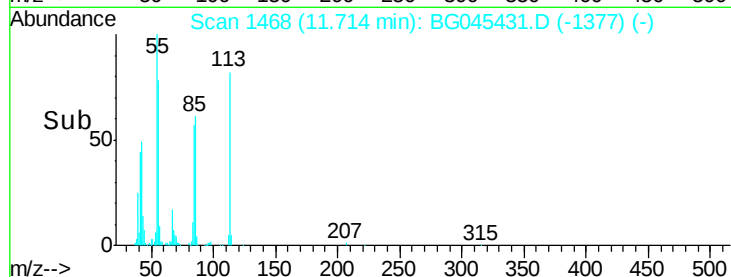
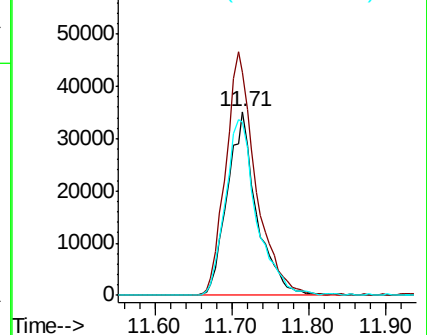
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.926 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

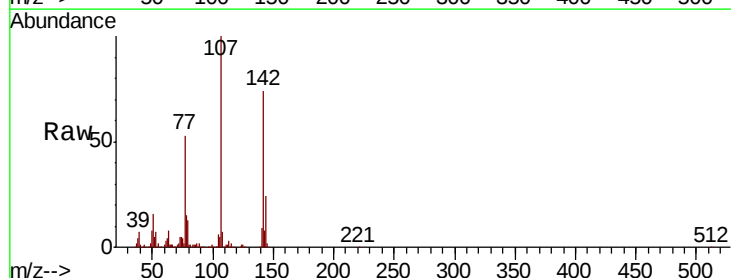
Tgt Ion:107 Resp: 295842

Ion Ratio Lower Upper

107 100

144 23.8 20.8 31.2

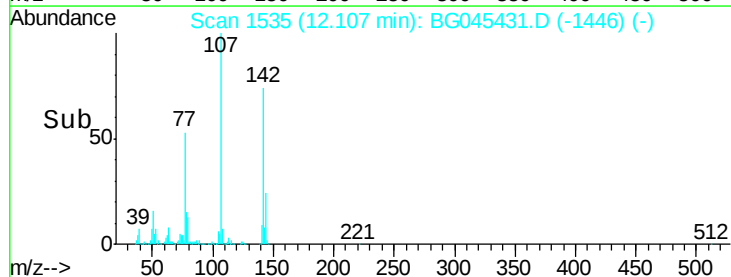
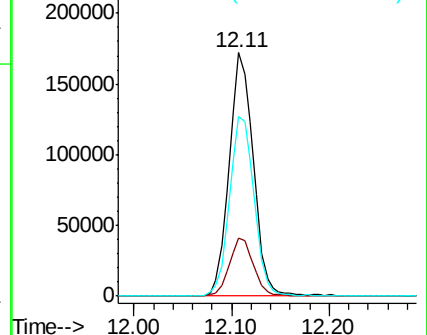
142 73.6 62.8 94.2

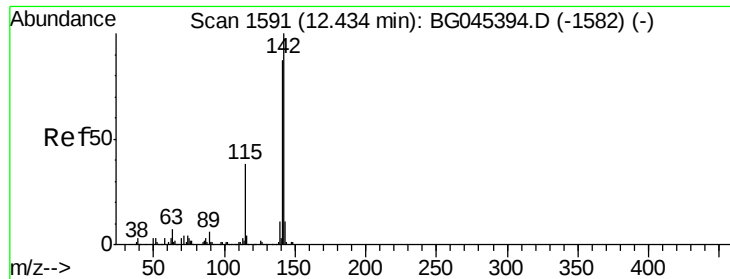


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





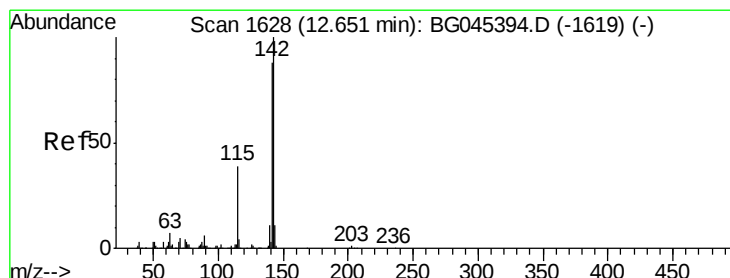
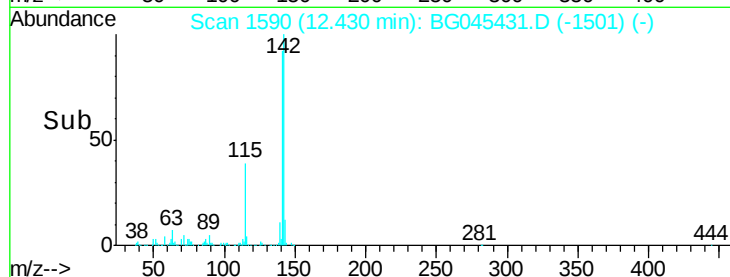
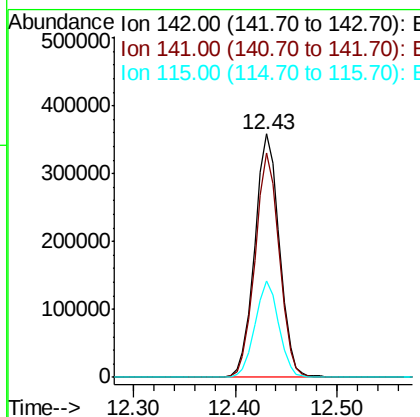
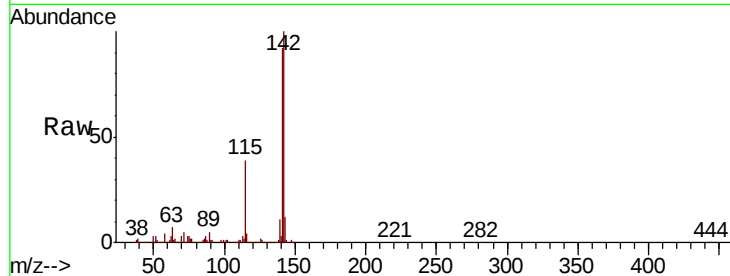
#37
2-Methylnaphthalene
Concen: 40.909 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.0	105.0
115	39.4	30.8	46.2

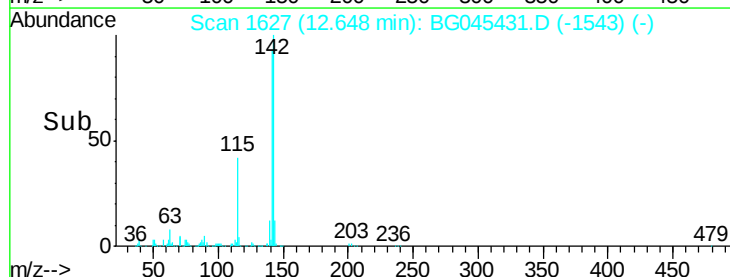
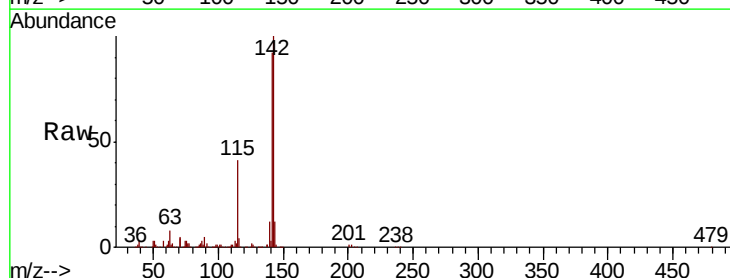
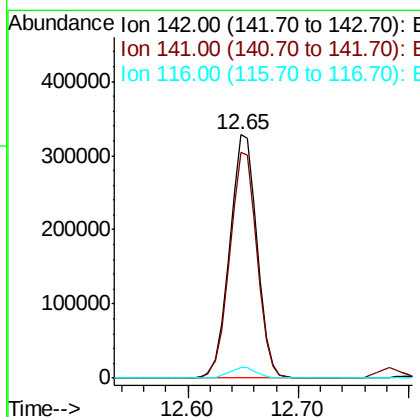
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#38
1-Methylnaphthalene
Concen: 40.677 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.8	106.2
116	4.3	3.0	4.6





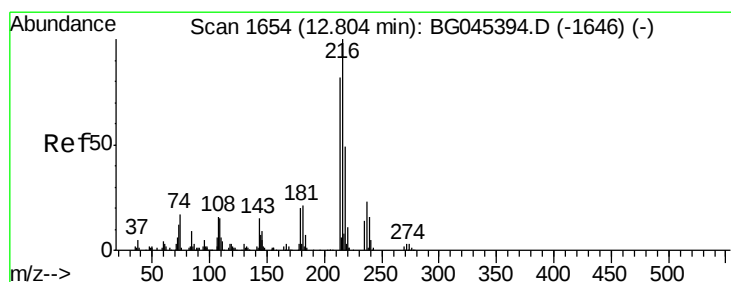
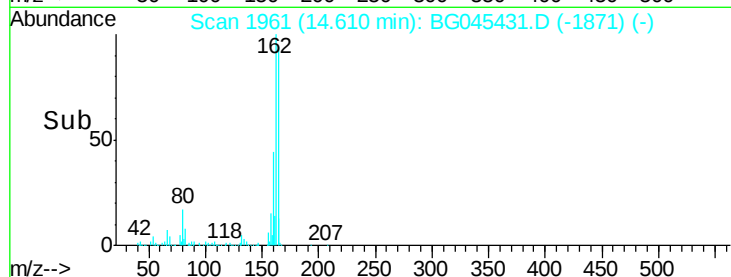
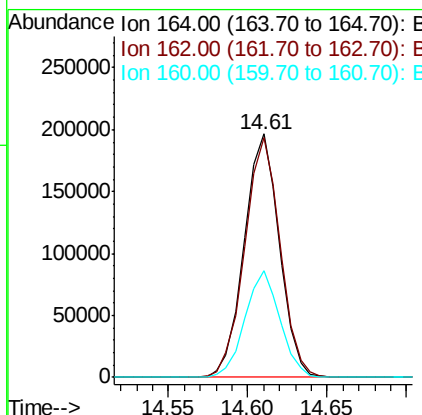
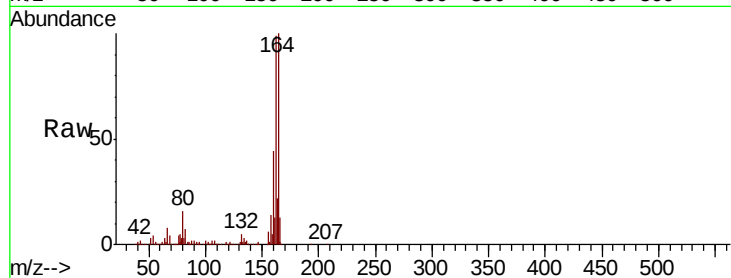
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.9	115.3
160	43.6	33.8	50.8

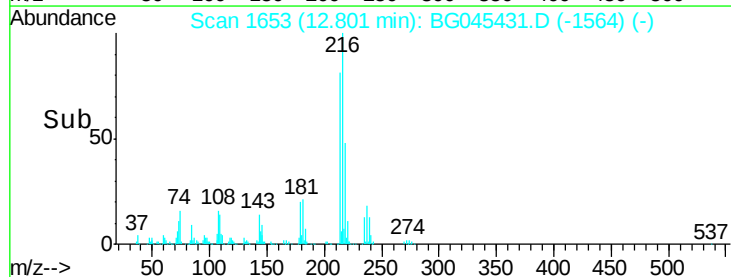
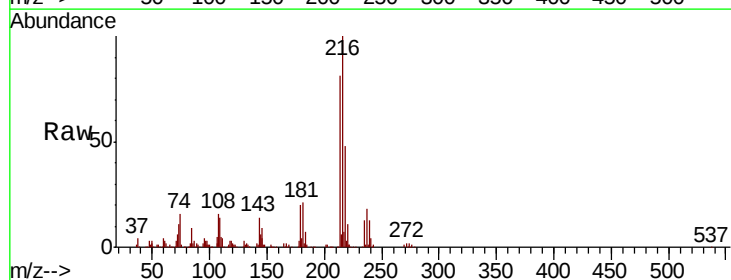
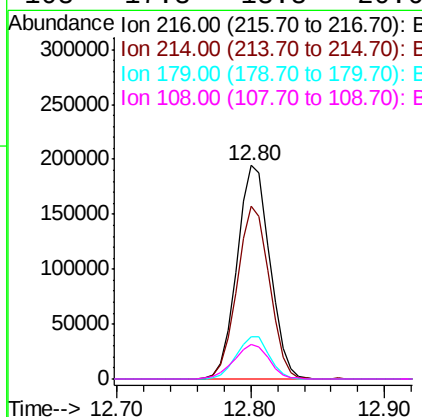
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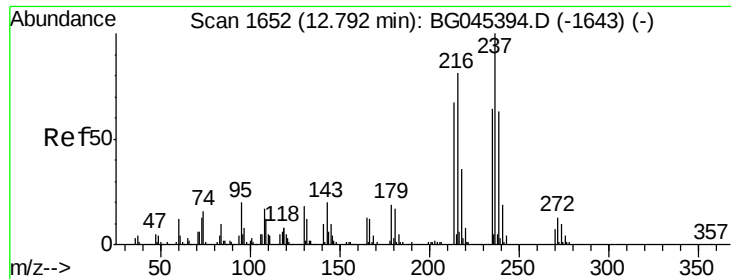
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.066 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.7	95.5
179	19.7	16.1	24.1
108	17.3	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 39.660 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

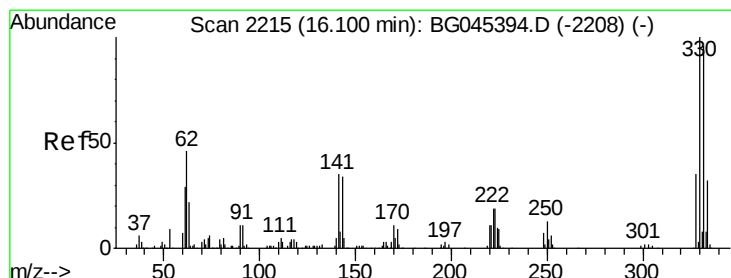
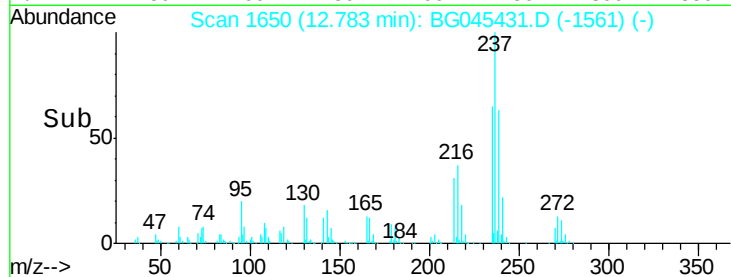
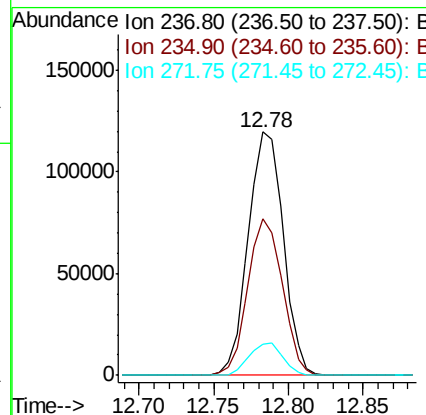
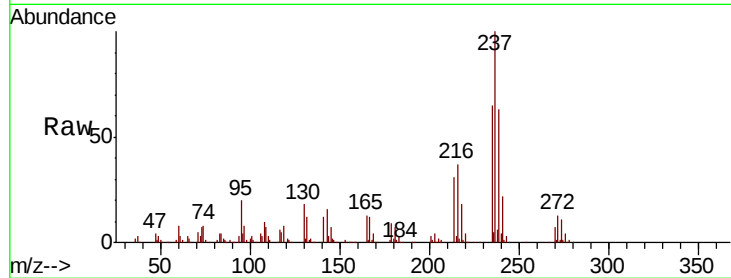
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	193792
Ion Ratio	Lower	Upper	
237	100		
235	64.6	44.4	84.4
272	12.9	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 75.367 ng

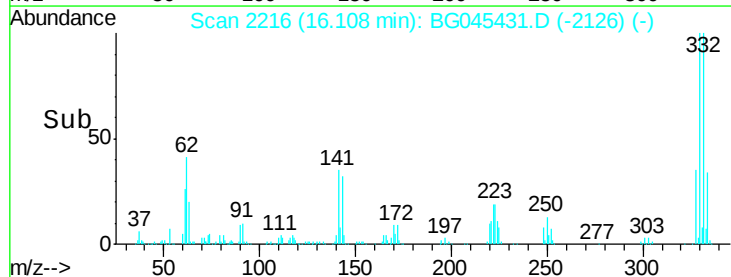
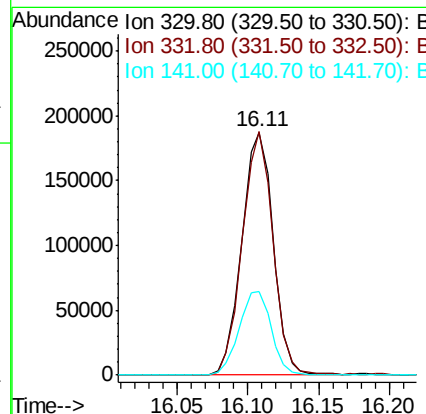
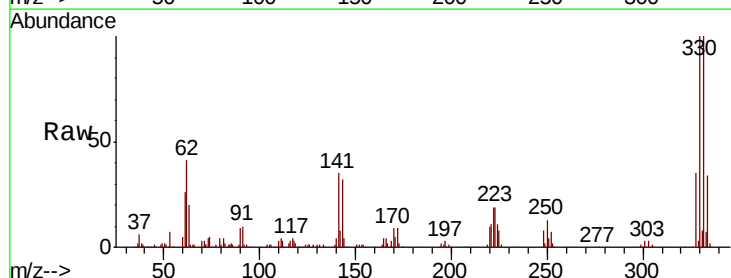
RT: 16.11 min Scan# 2216

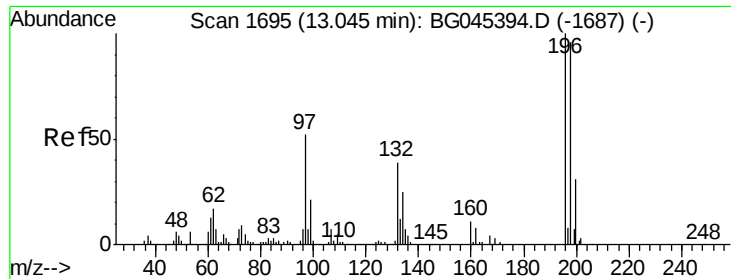
Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	330	Resp:	292139
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.2	117.4
141	35.1	28.2	42.4





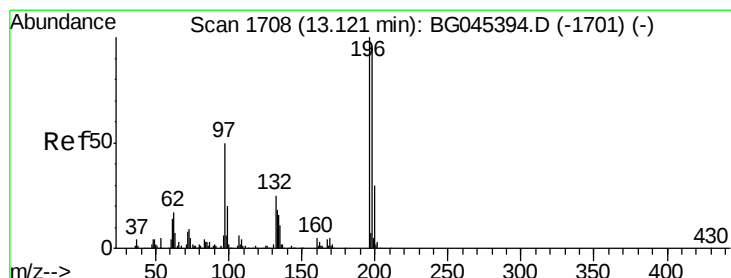
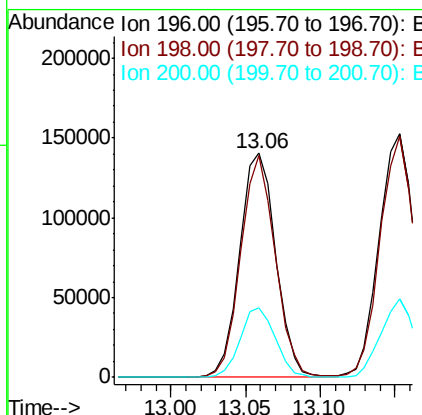
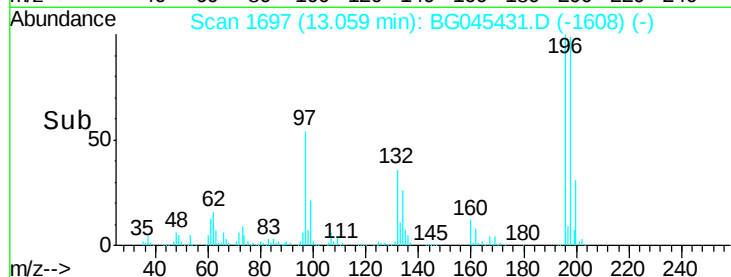
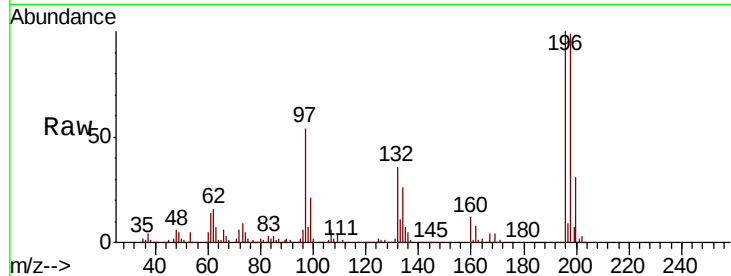
#43
 2,4,6-Trichlorophenol
 Concen: 40.105 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235855		
198	98.7	76.7	115.1	
200	30.8	24.9	37.3	

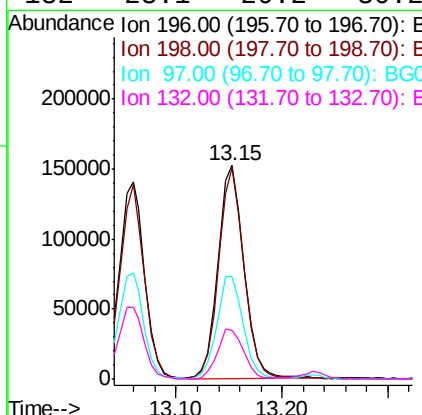
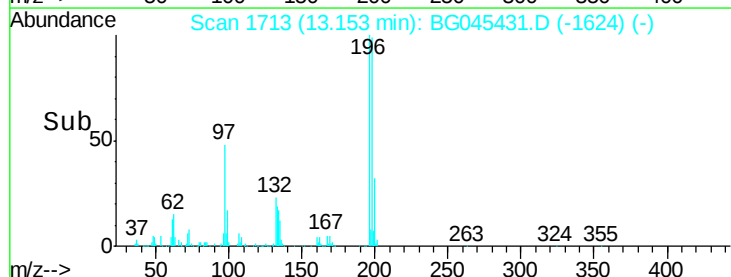
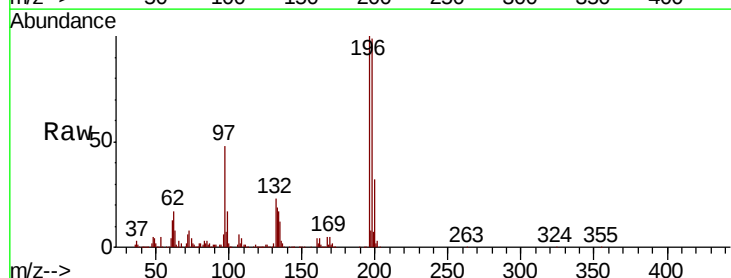
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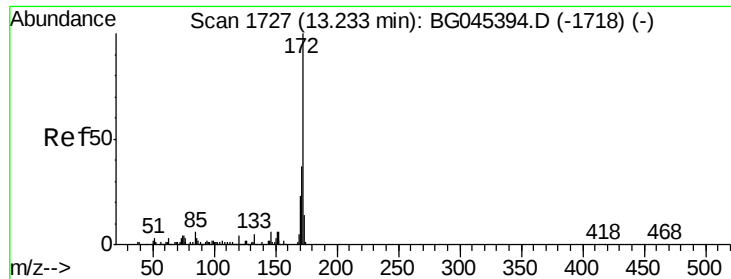
mohammad
 5/20/2020 1:20:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.879 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261282		
198	98.9	76.1	114.1	
97	48.1	40.0	60.0	
132	23.1	20.2	30.2	





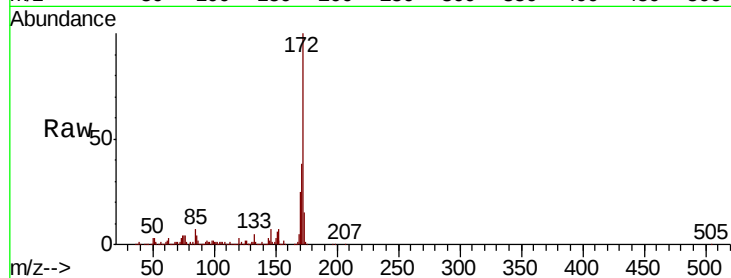
#45
2-Fluorobiphenyl
Concen: 77.207 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.5	44.3
170	25.1	18.5	27.7

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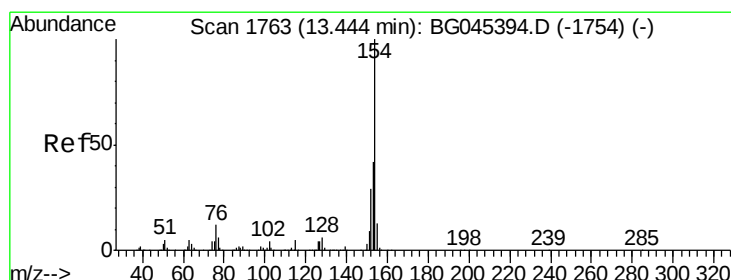
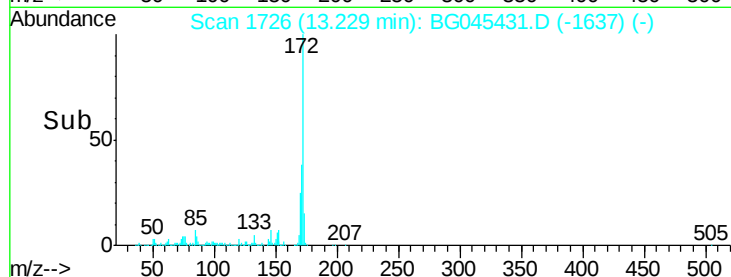
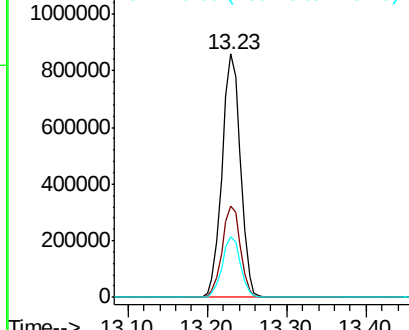


Abundance

Ion 172.00 (171.70 to 172.70): E

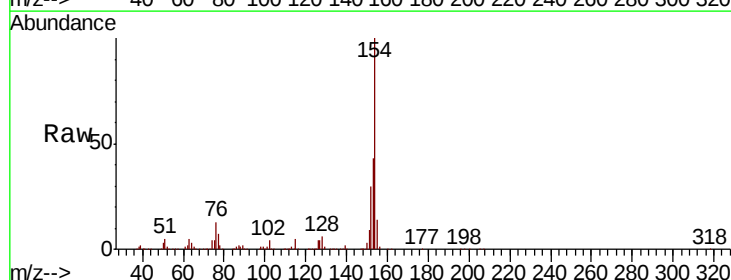
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.723 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.2	62.2
76	13.5	0.0	32.4

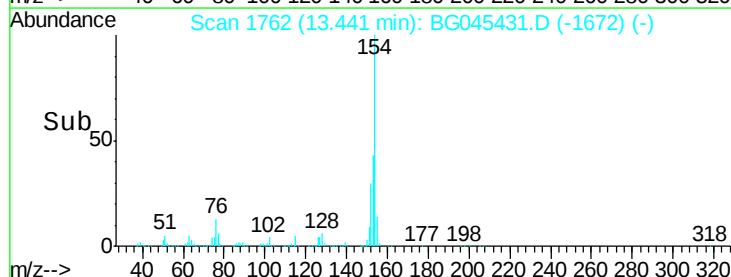
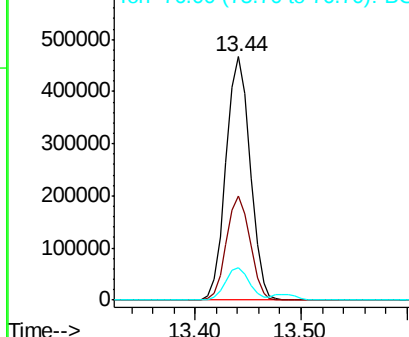


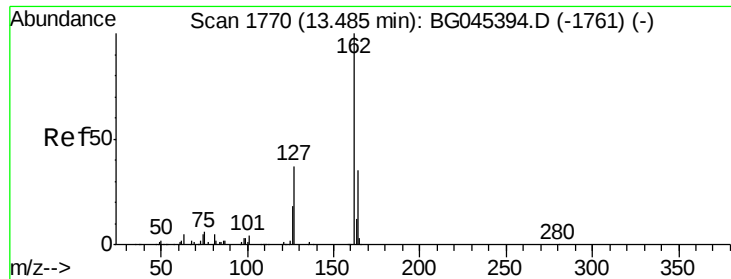
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





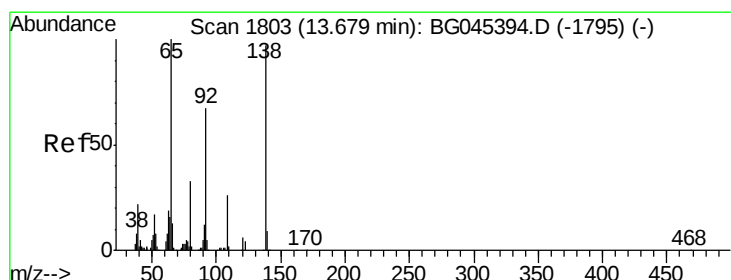
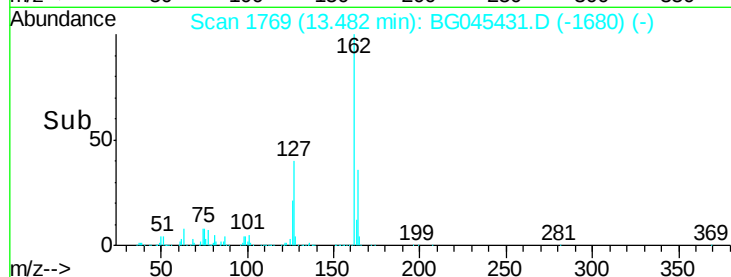
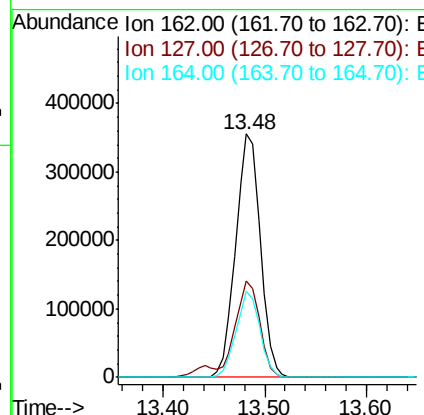
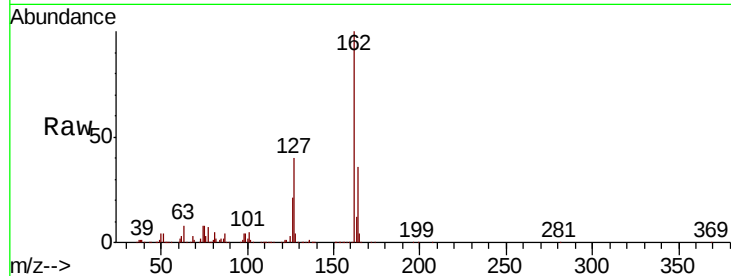
#47
2-Chloronaphthalene
Concen: 39.721 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.6	47.4
164	35.6	28.1	42.1

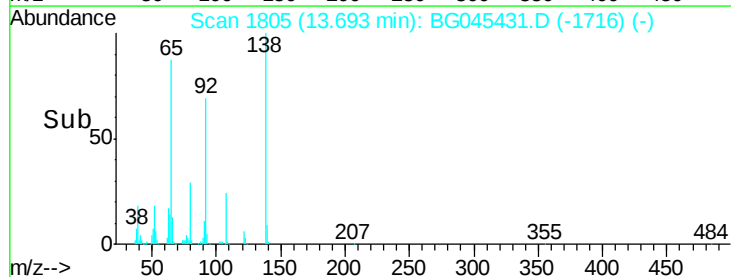
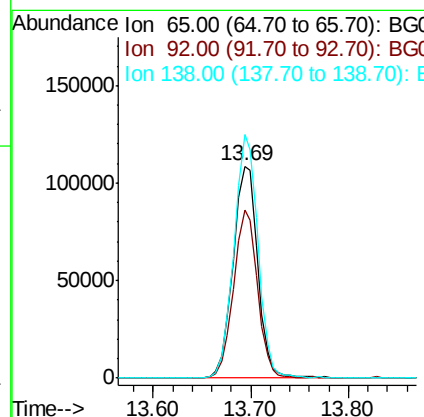
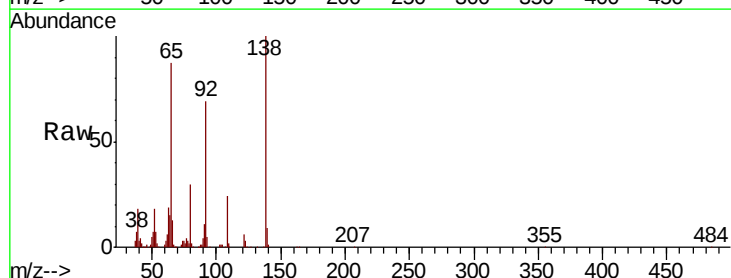
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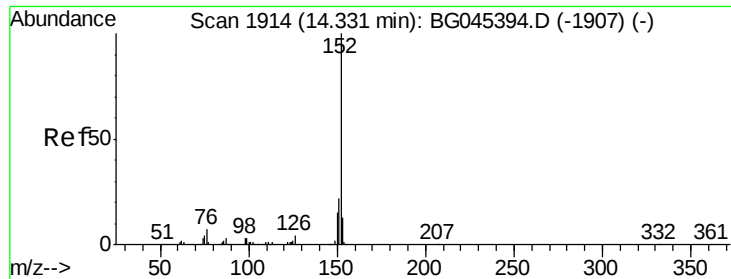
mohammad
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#48
2-Nitroaniline
Concen: 38.505 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.1	53.8	80.8
138	114.8	77.9	116.9





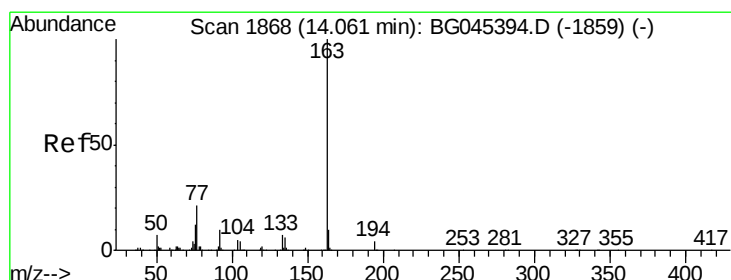
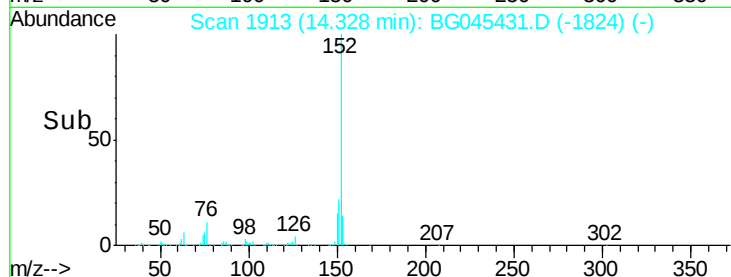
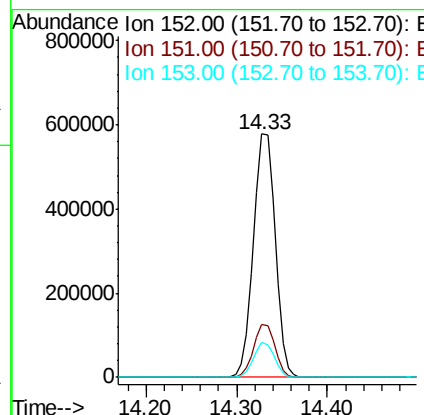
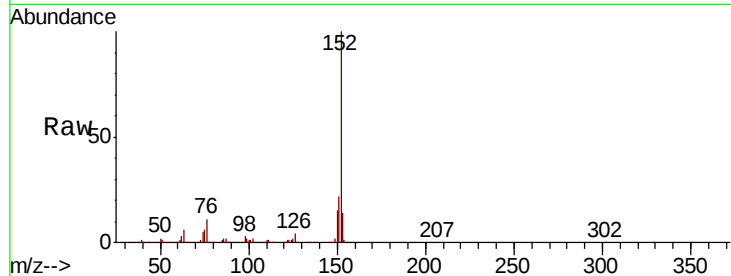
#49
Acenaphthylene
Concen: 39.871 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2
153	14.4	10.7	16.1

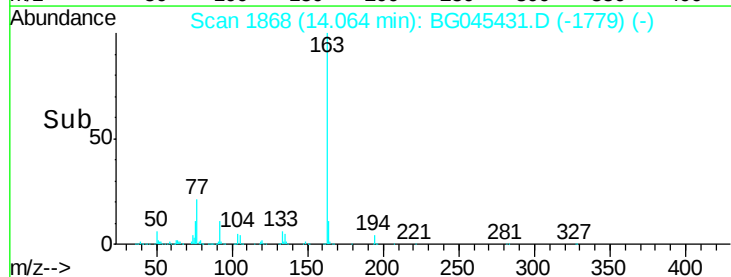
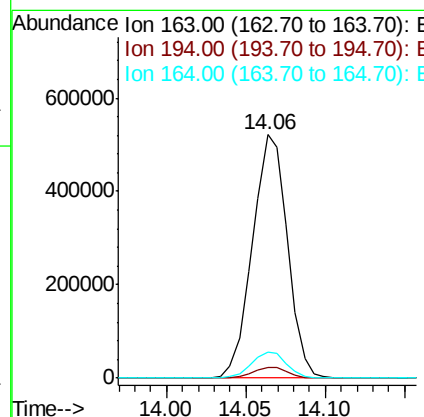
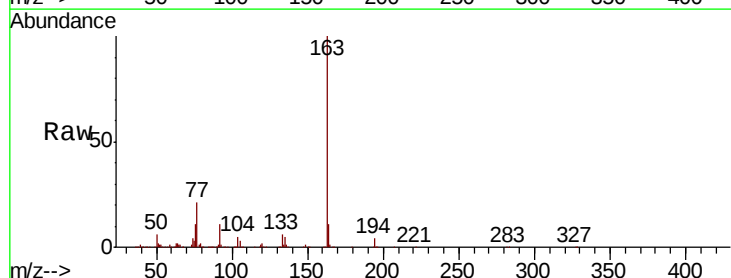
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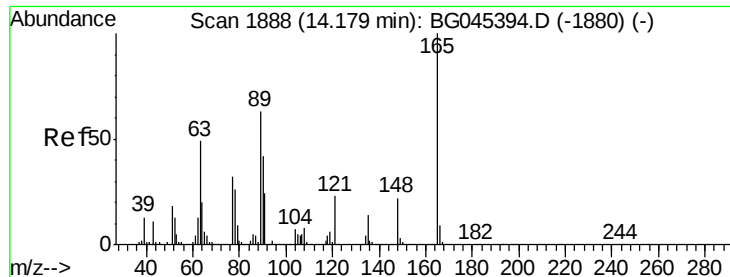
mohammad
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#50
Dimethylphthalate
Concen: 38.480 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	8.3	12.5





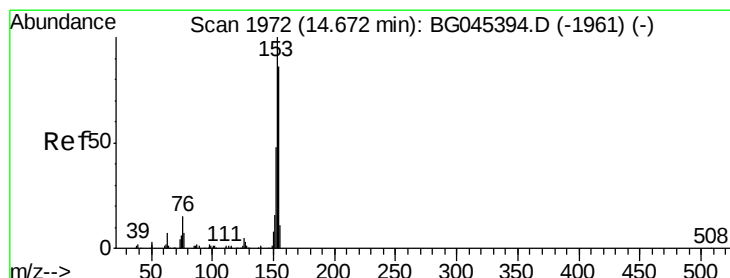
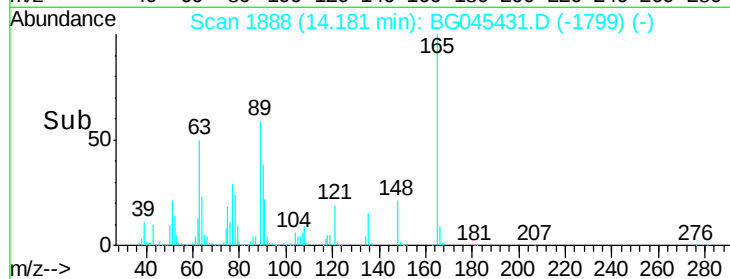
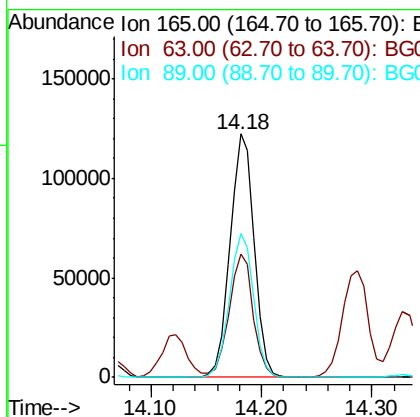
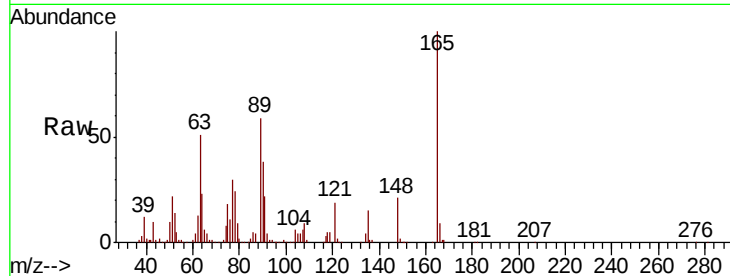
#51
 2,6-Dinitrotoluene
 Concen: 39.880 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187103		
63	50.6	45.0	67.4	
89	59.2	50.2	75.4	

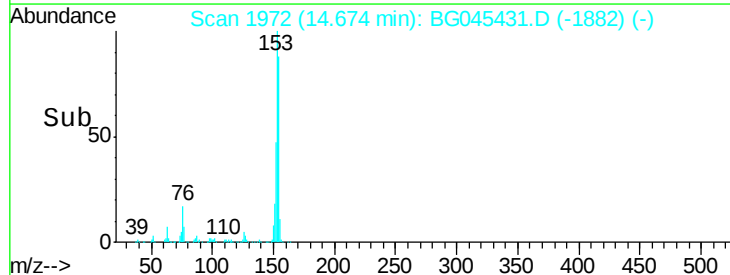
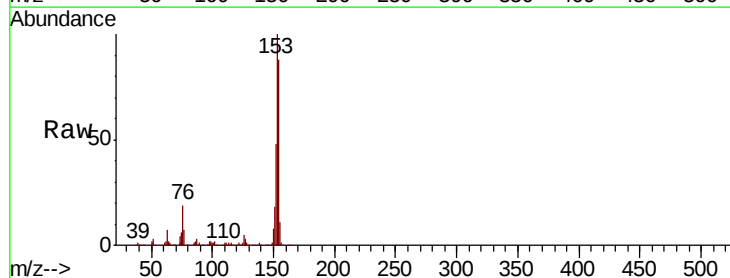
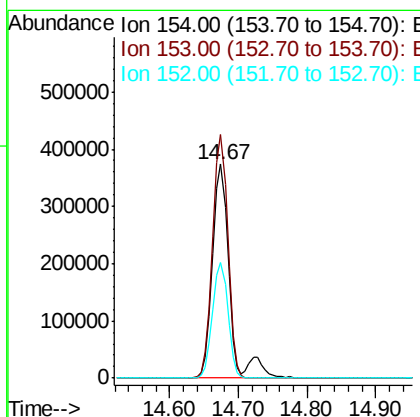
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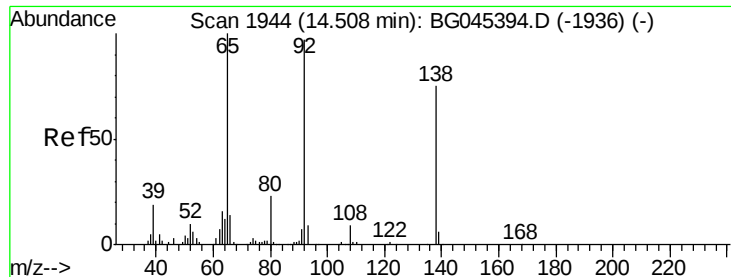
mohammad
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#52
 Acenaphthene
 Concen: 39.524 ng m
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	642673		
153	113.7	92.8	139.2	
152	54.1	44.6	66.8	





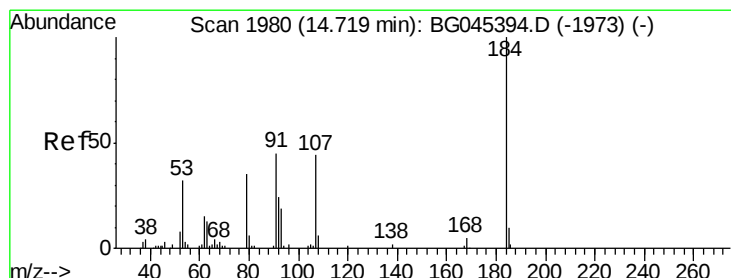
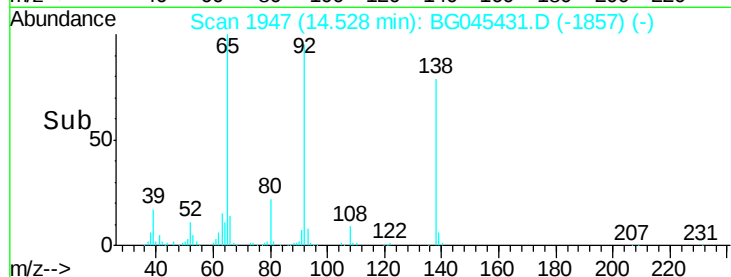
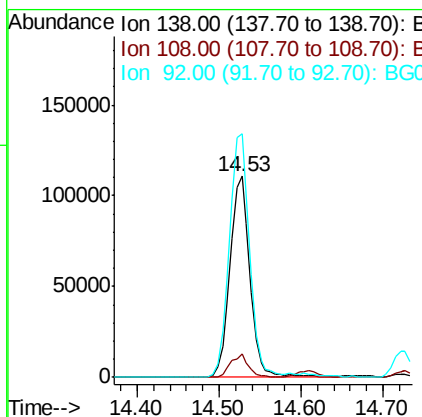
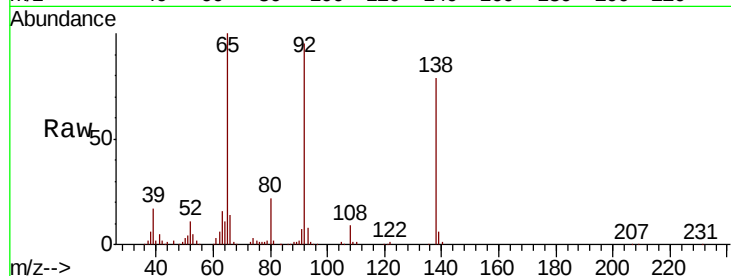
#53
3-Nitroaniline
Concen: 39.750 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.8	14.6
92	121.0	103.0	154.4

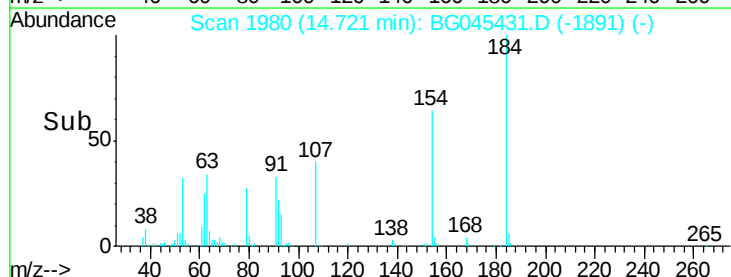
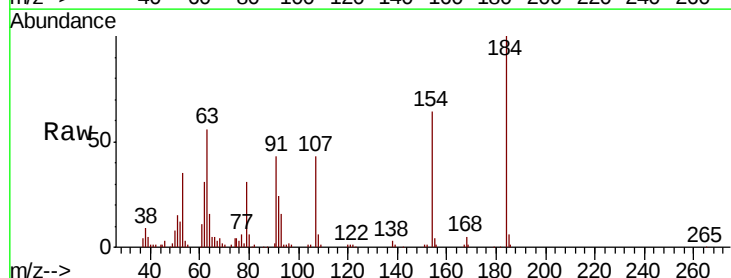
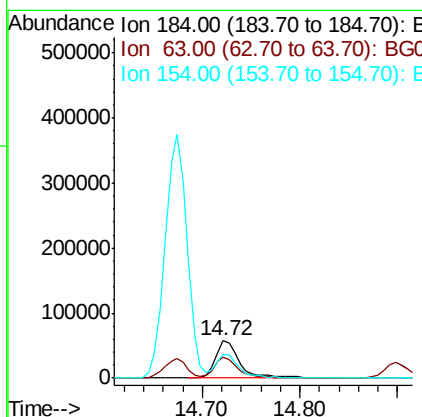
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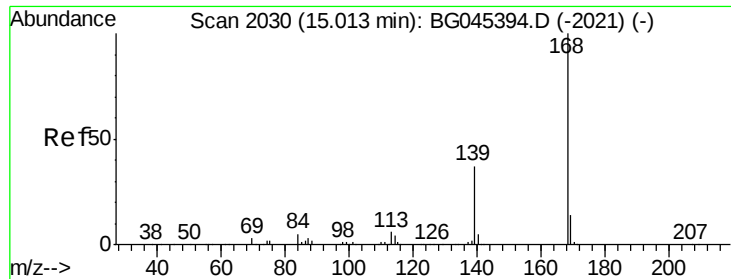
mohammad
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#54
2,4-Dinitrophenol
Concen: 35.763 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.8	71.6
154	63.6	58.3	87.5





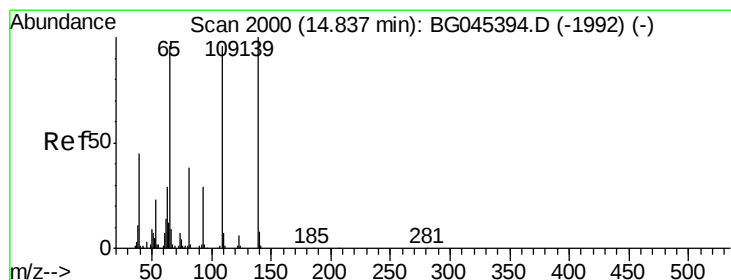
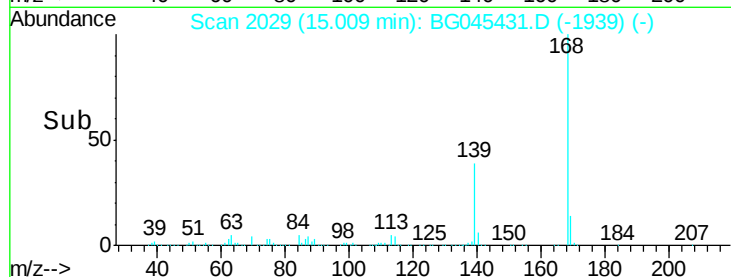
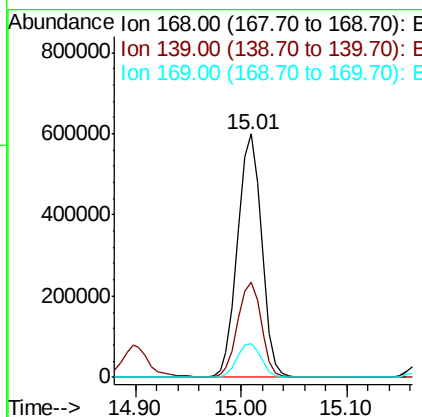
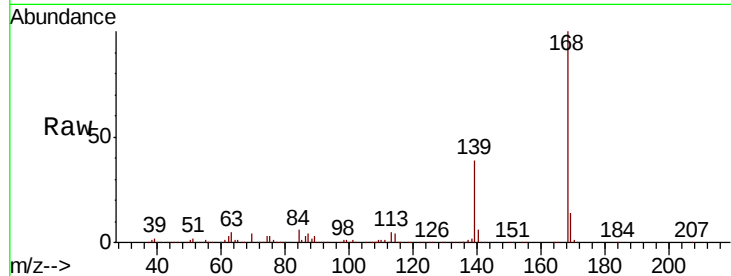
#55
Dibenzofuran
Concen: 38.979 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.9	44.9
169	14.1	10.9	16.3

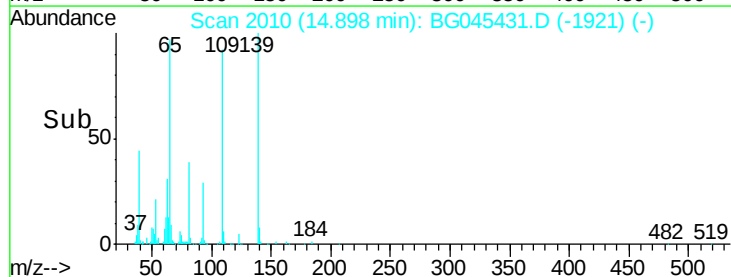
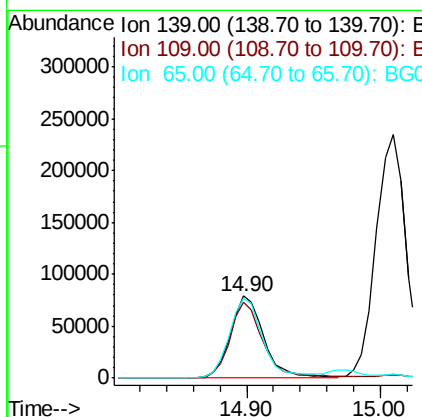
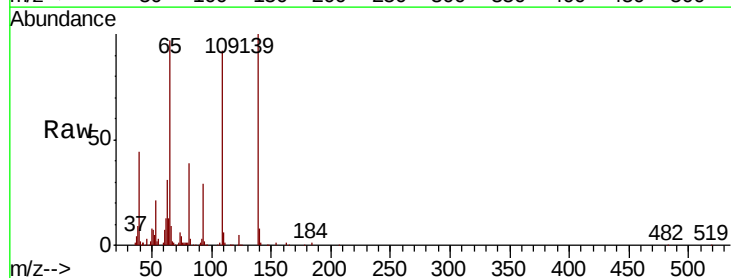
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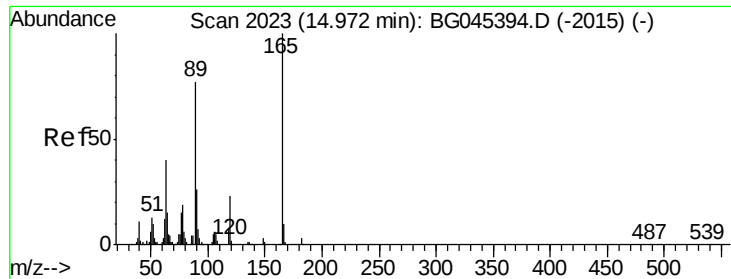
mohammad
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#56
4-Nitrophenol
Concen: 38.769 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.9	75.6	115.6
65	96.6	76.8	116.8





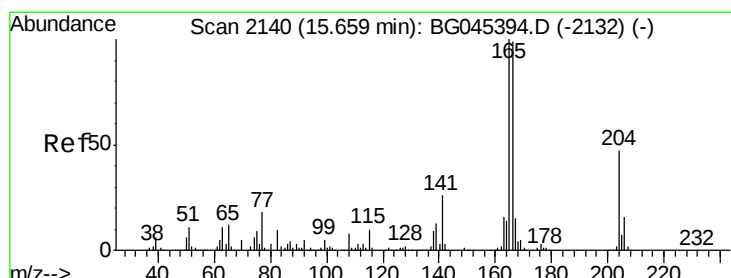
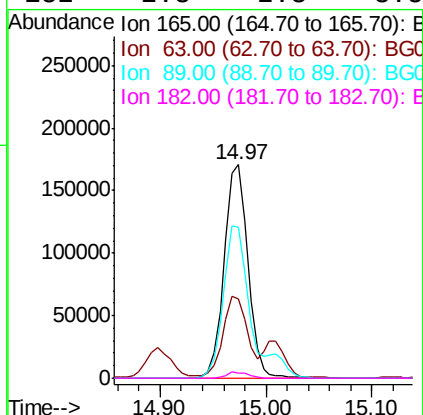
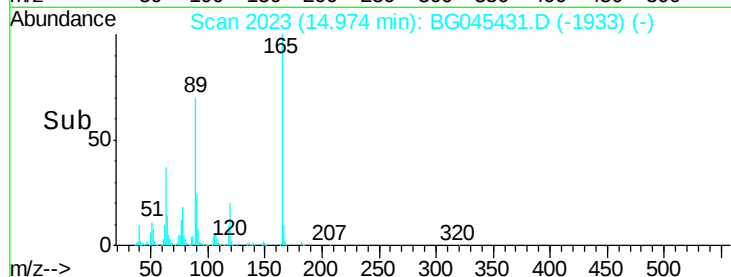
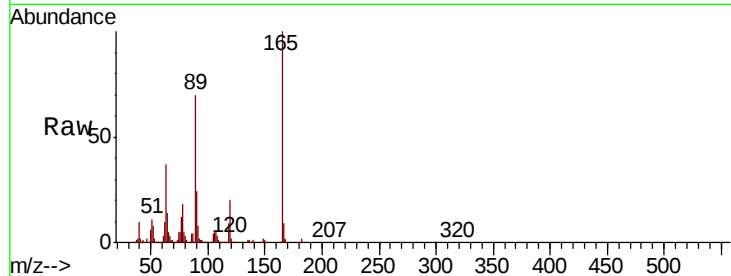
#57
2,4-Dinitrotoluene
Concen: 39.054 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	32.5	48.7
89	70.5	61.8	92.6
182	2.3	2.3	3.5#

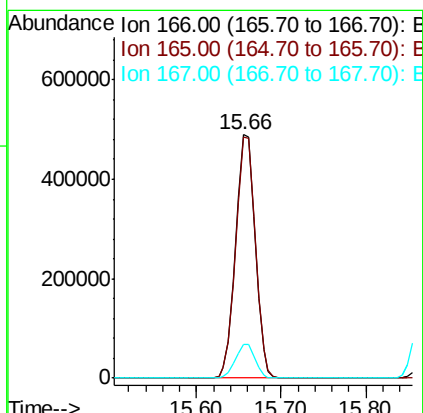
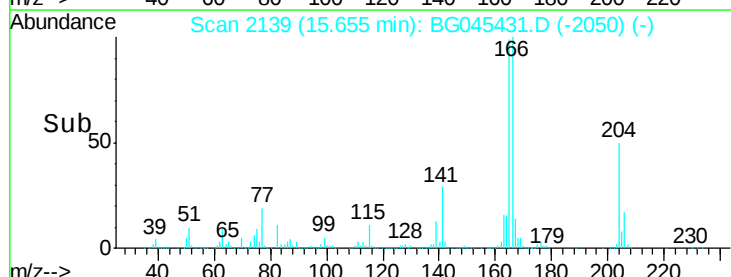
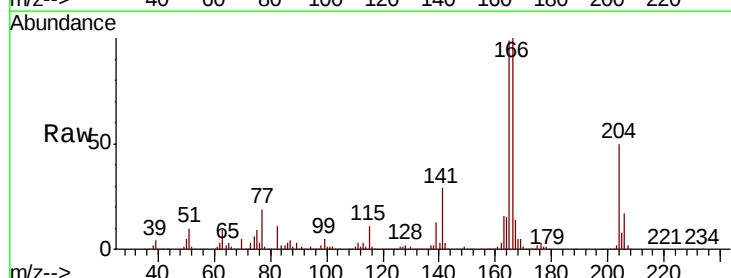
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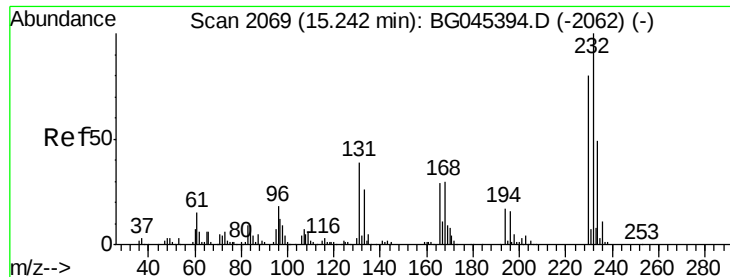
mohammad
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#58
Fluorene
Concen: 39.203 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.8	121.2
167	14.0	12.0	18.0





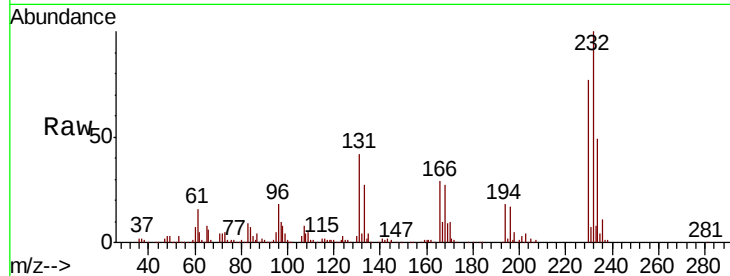
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.766 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

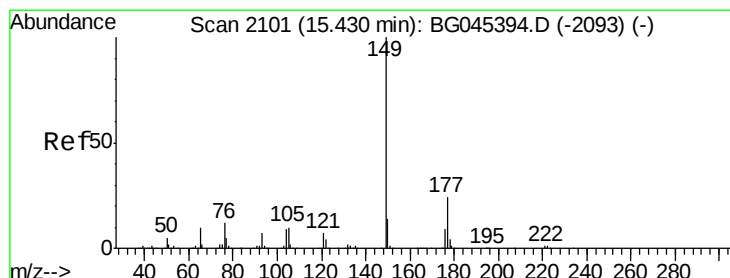
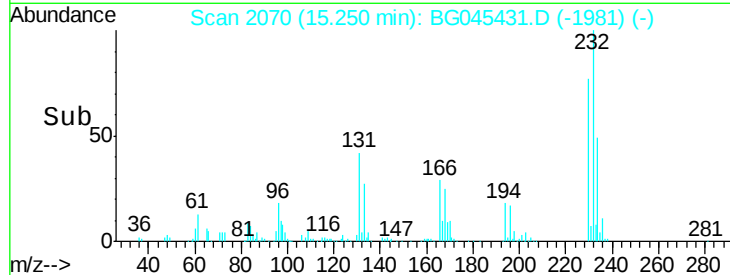
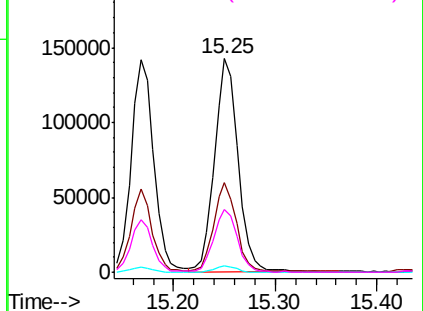
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		229198		
131	40.9	33.7	50.5		
130	2.8	2.1	3.1		
166	28.9	23.2	34.8		

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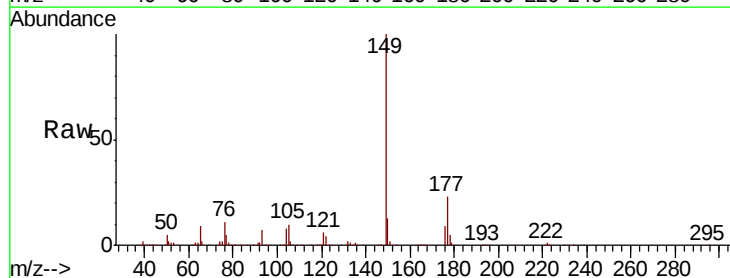


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

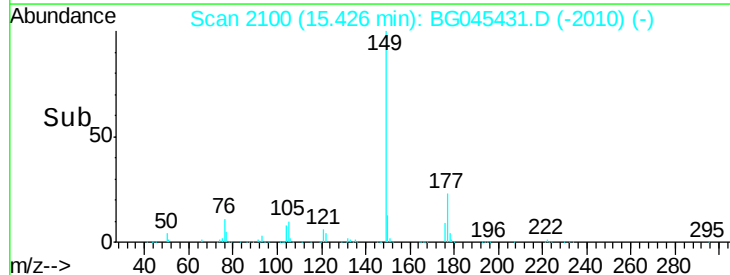
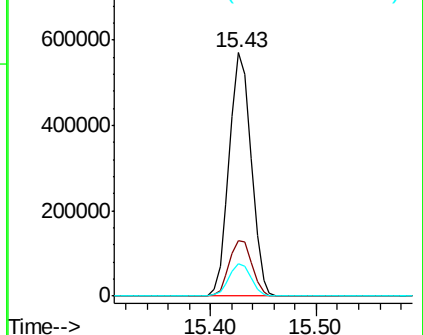


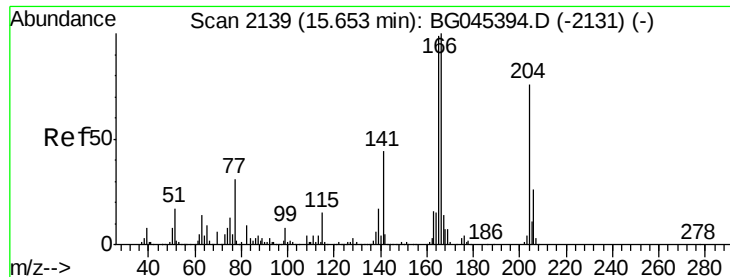
#60
 Diethylphthalate
 Concen: 37.974 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		821787		
177	22.9	19.0	28.4		
150	13.5	11.4	17.0		



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





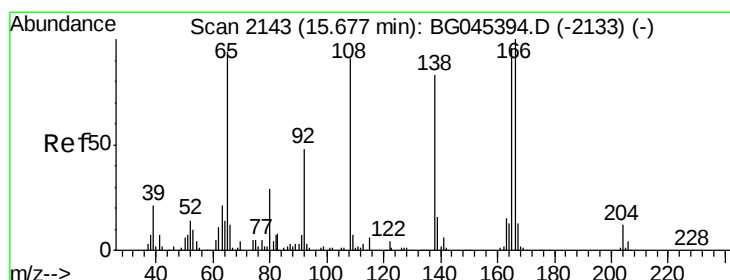
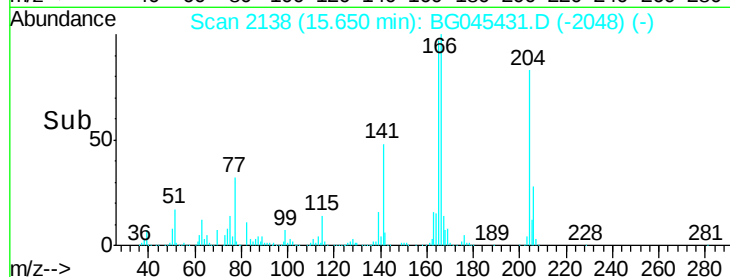
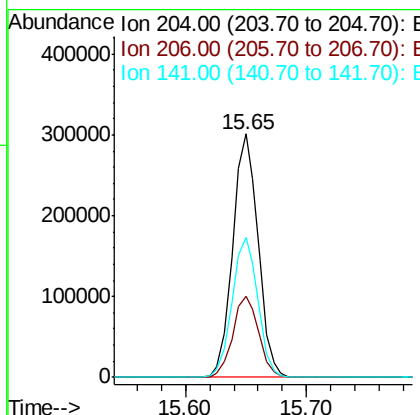
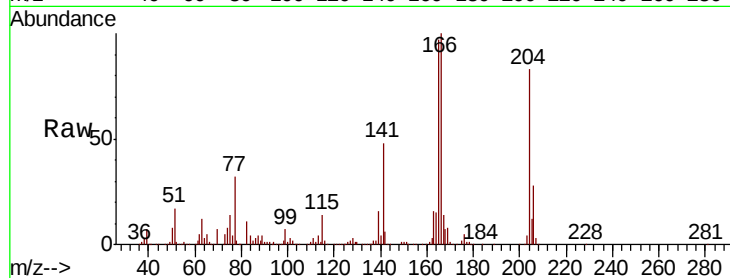
#61
4-Chlorophenyl-phenylether
Concen: 38.751 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.3	40.9
141	57.4	45.9	68.9

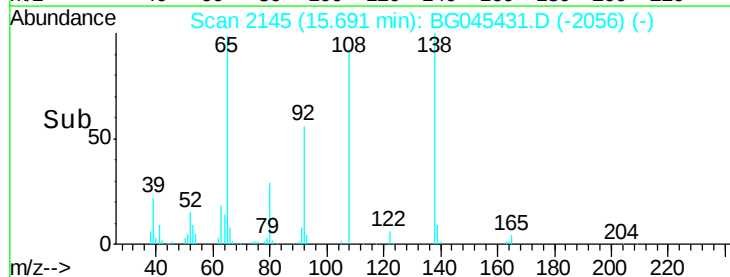
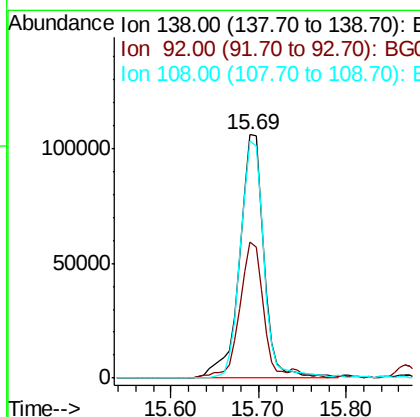
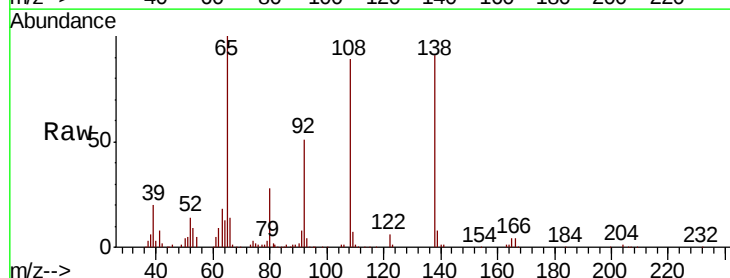
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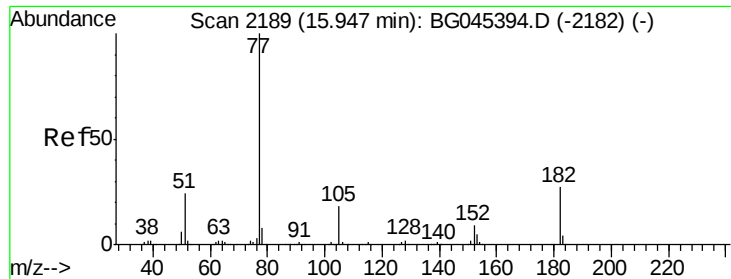
mohammad
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#62
4-Nitroaniline
Concen: 39.895 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	38.0	78.0
108	97.3	89.3	129.3





#63

Azobenzene

Concen: 38.270 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

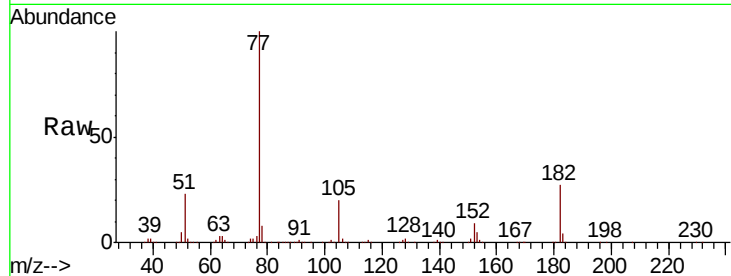
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.5	46.5
105	19.6	0.0	37.9
51	23.2	4.1	44.1

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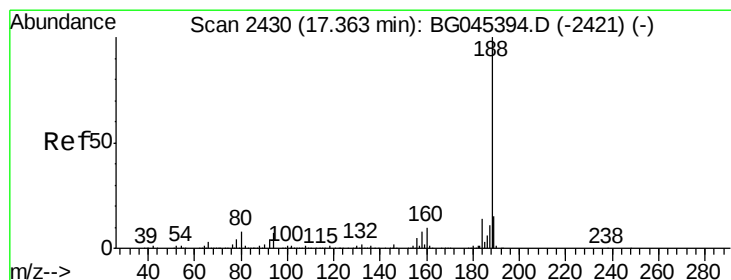
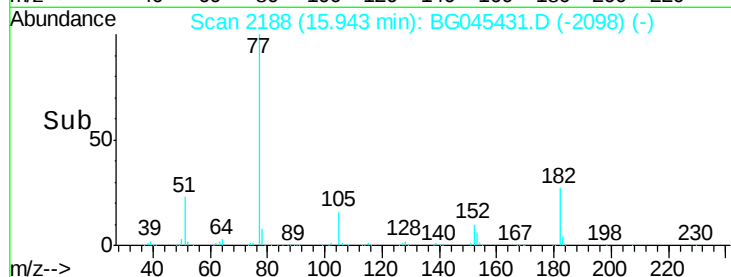
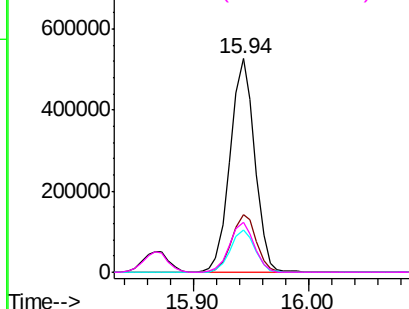
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

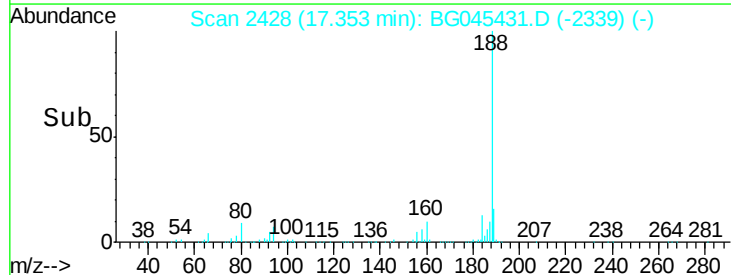
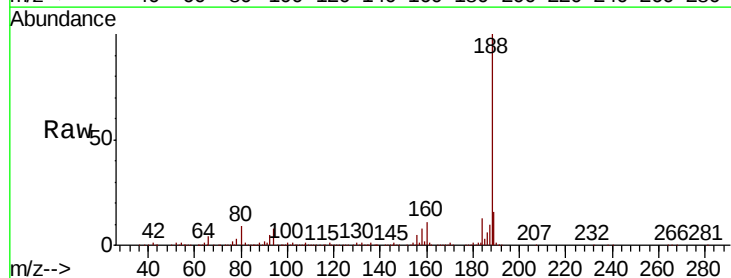
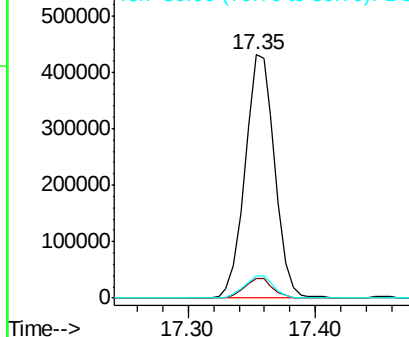
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.5	8.3
80	9.3	6.6	10.0

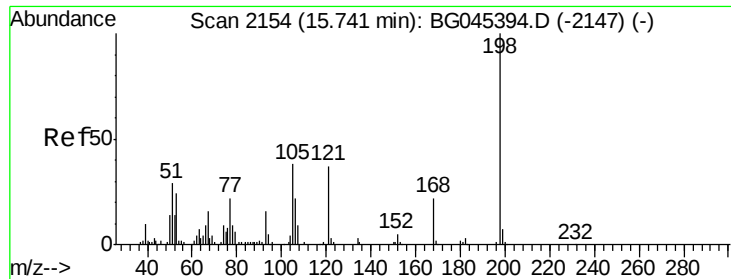
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.188 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

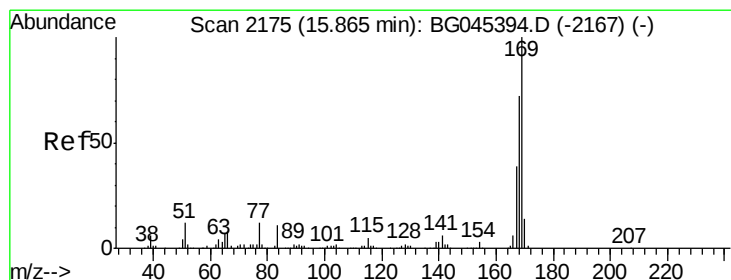
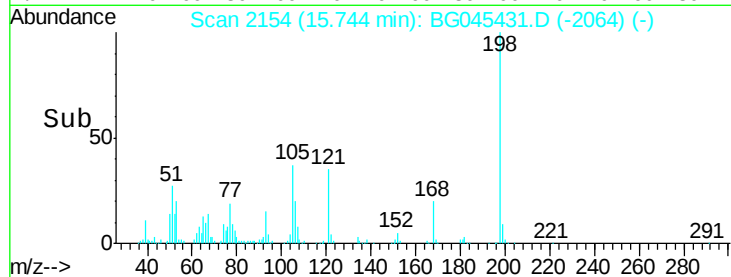
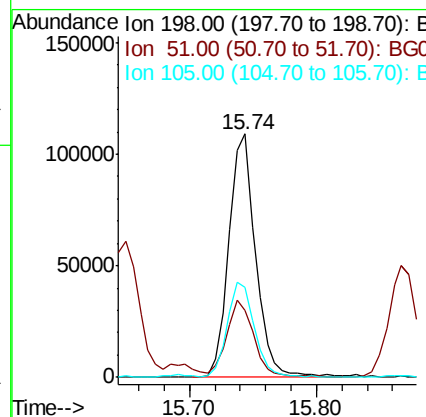
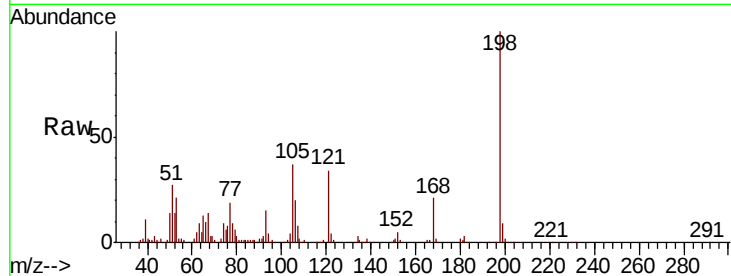
ClientSampleId :

SSTDCCC040EC

Tot Ion:	198	Resp:	159095
Ion Ratio	Lower	Upper	
198	100		
51	27.4	10.0	50.0
105	36.9	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 40.864 ng

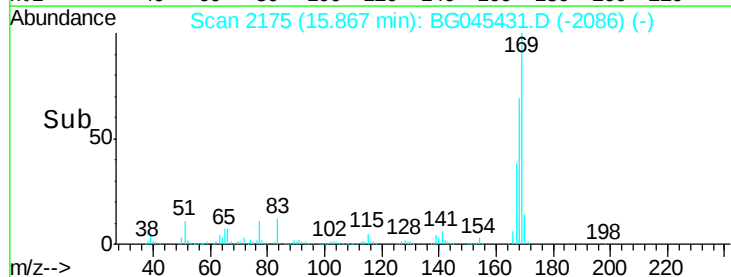
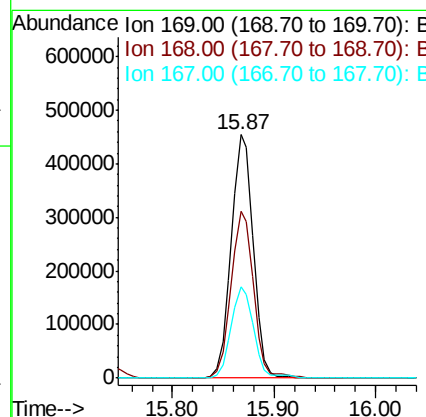
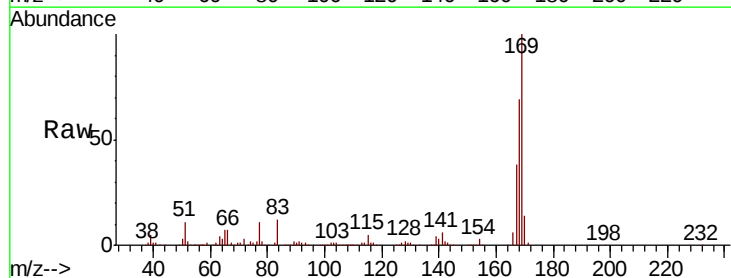
RT: 15.87 min Scan# 2175

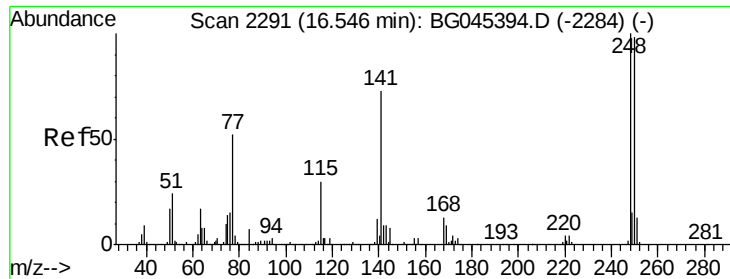
Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	169	Resp:	683926
Ion Ratio	Lower	Upper	
169	100		
168	68.7	57.8	86.6
167	37.6	31.5	47.3





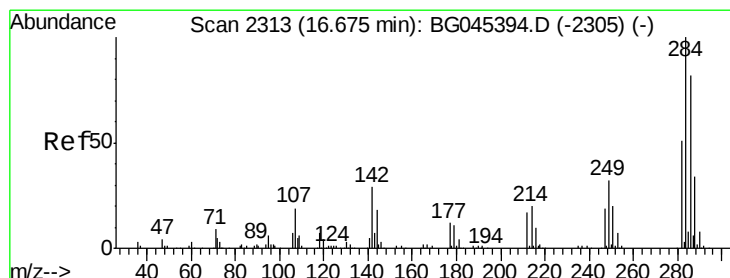
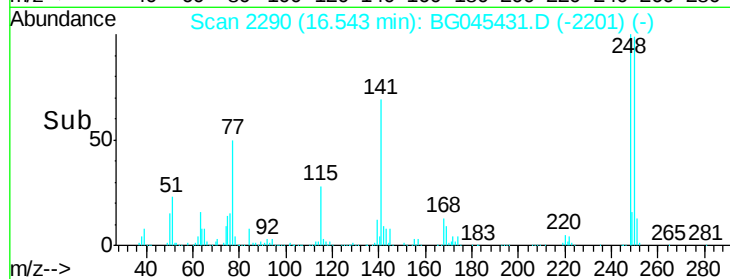
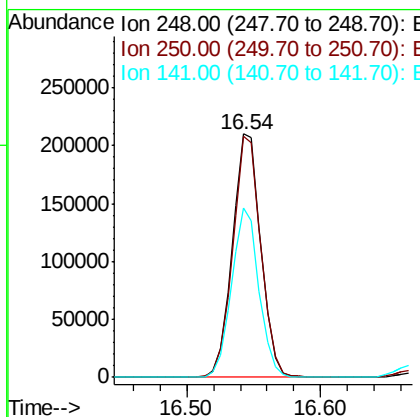
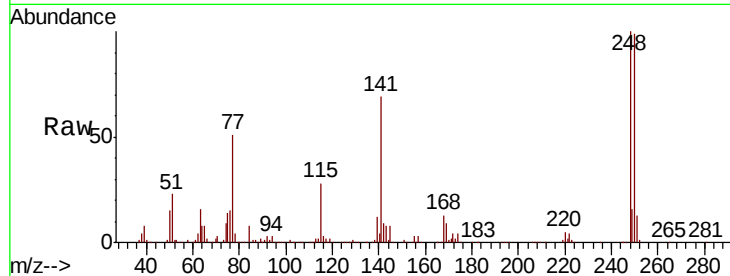
#67
 4-Bromophenyl-phenylether
 Concen: 41.087 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.6	117.8
141	69.3	58.2	87.2

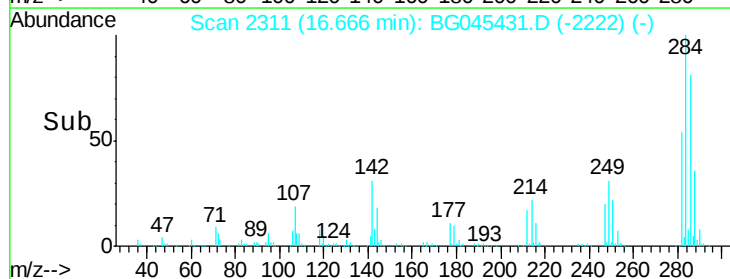
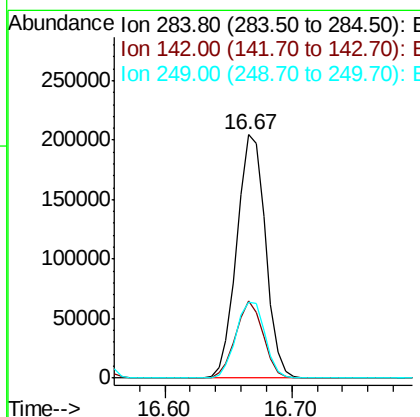
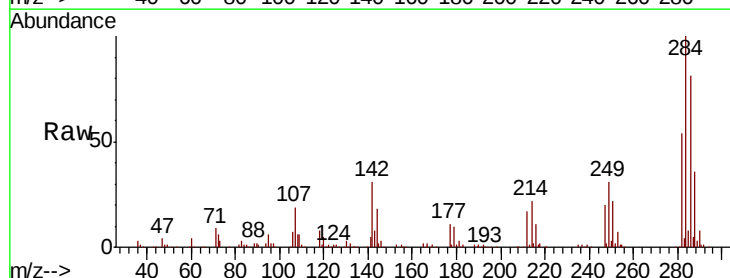
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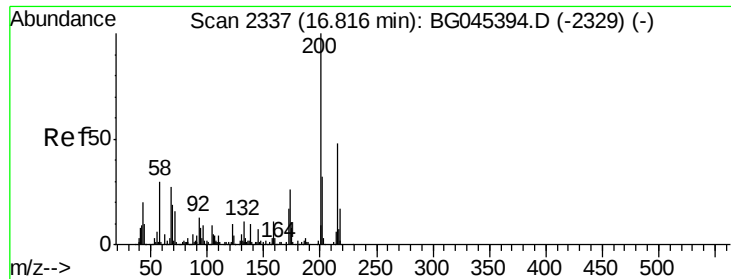
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#68
 Hexachlorobenzene
 Concen: 40.410 ng
 RT: 16.67 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	23.0	34.6
249	31.0	25.8	38.6





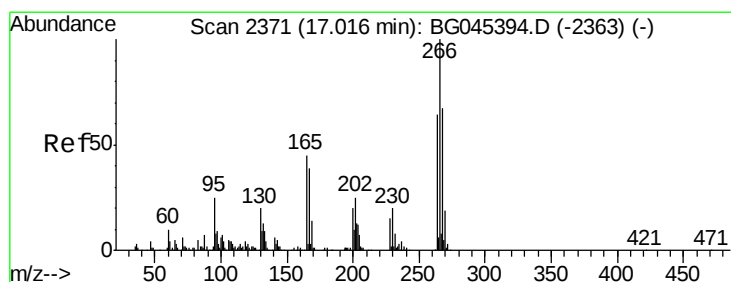
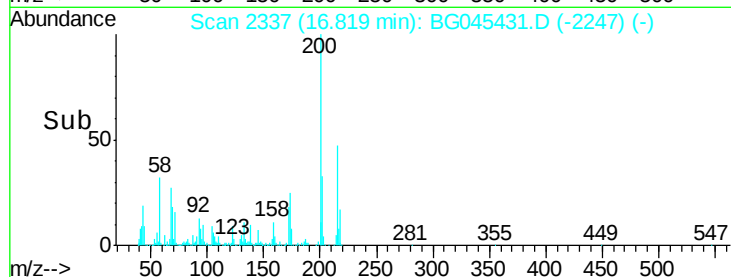
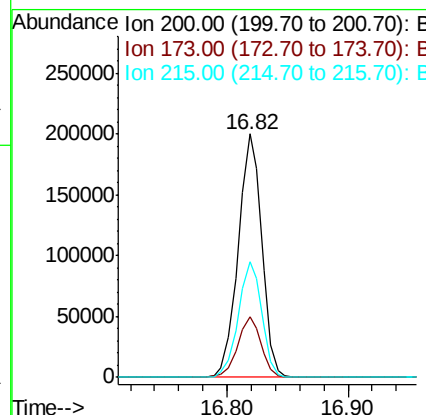
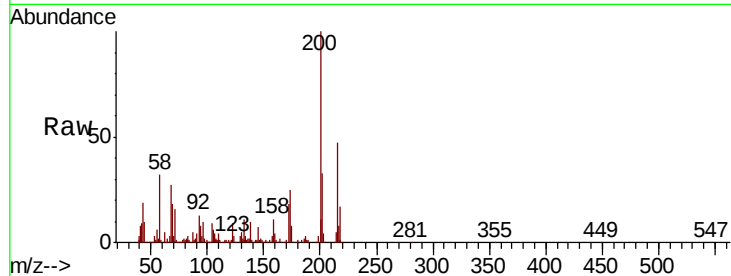
#69
Atrazine
Concen: 39.463 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.5	45.5
215	47.5	28.2	68.2

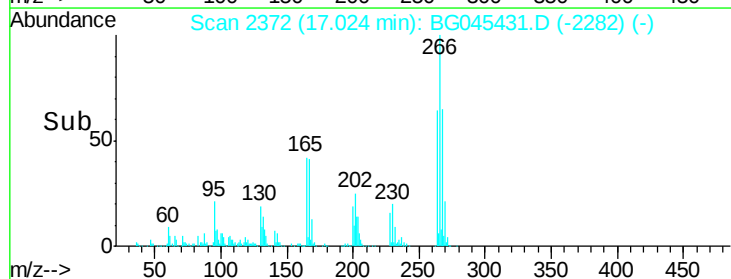
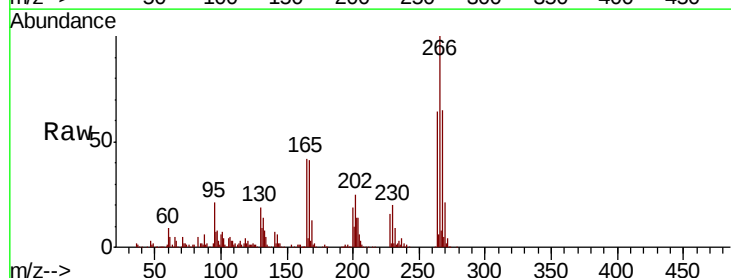
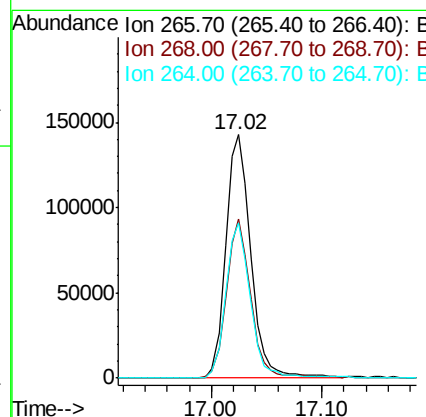
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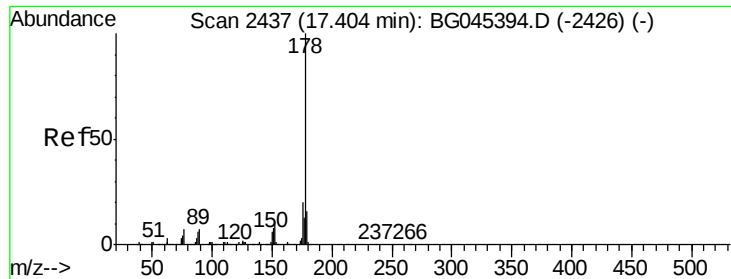
mohammad
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#70
Pentachlorophenol
Concen: 55.174 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.2	79.8
264	64.0	51.0	76.4





#71

Phenanthrene

Concen: 39.786 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1210745

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

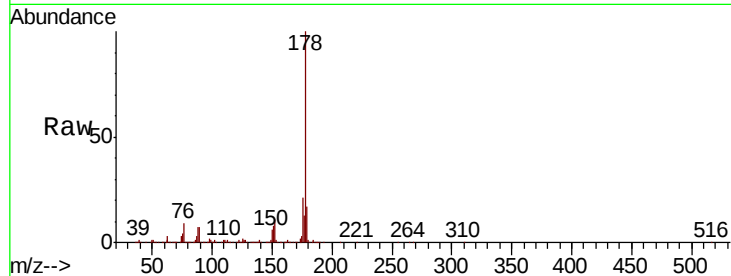
179 17.4 13.1 19.7

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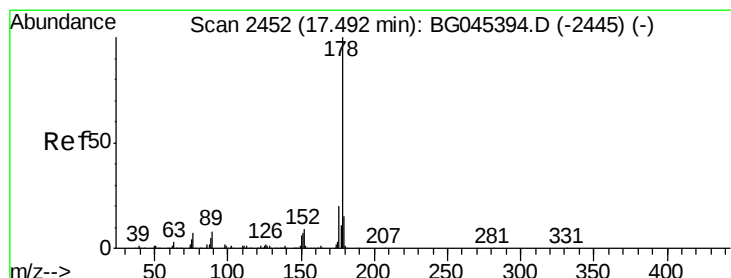
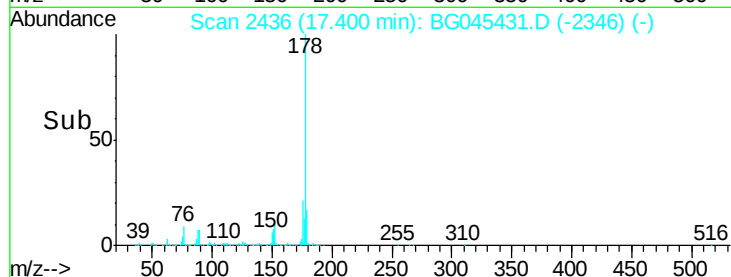
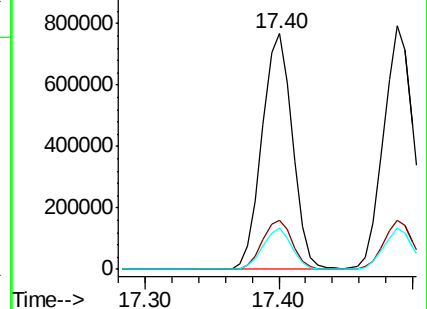
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.276 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:178 Resp: 1230843

Ion Ratio Lower Upper

178 100

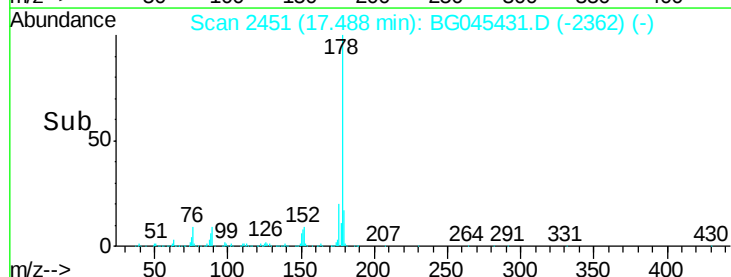
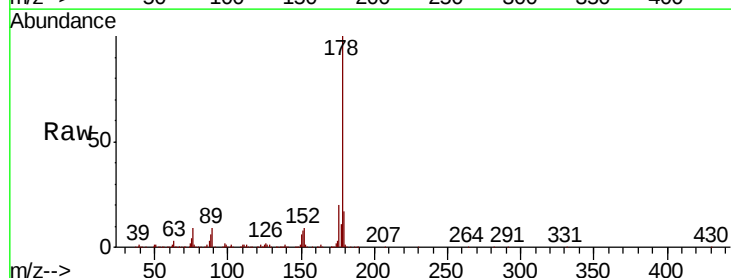
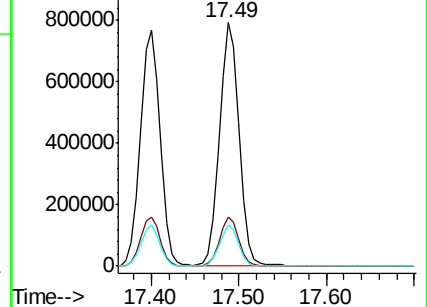
176 20.2 15.8 23.6

179 17.0 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: 39.837 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 1186686

Ion Ratio Lower Upper

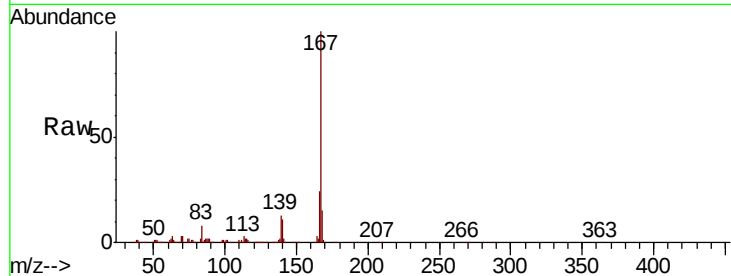
167 100

166 23.7 19.2 28.8

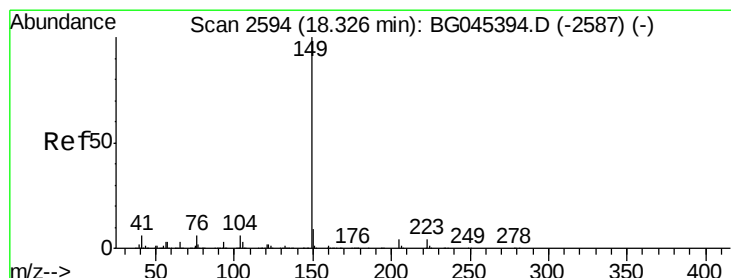
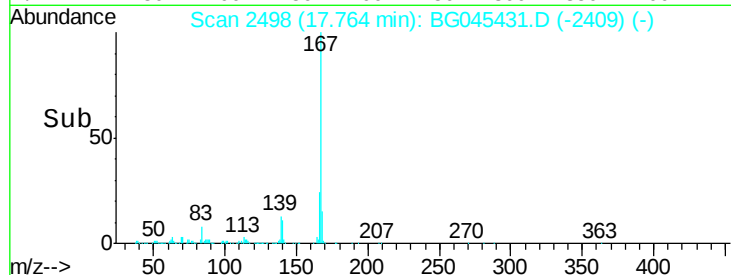
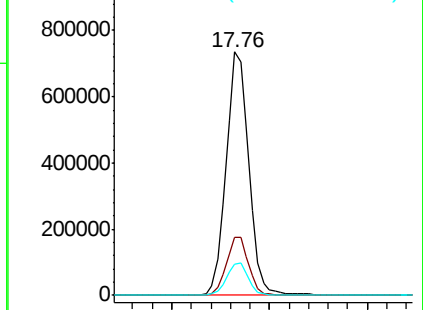
139 12.9 10.6 16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.339 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

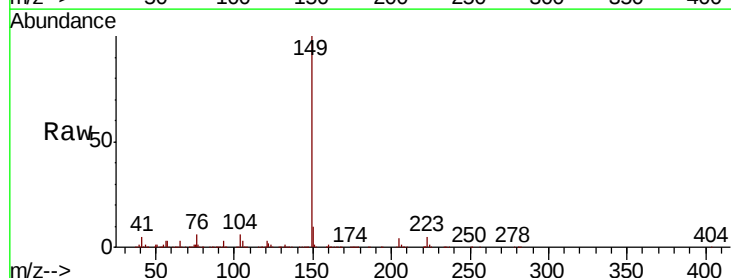
Tgt Ion:149 Resp: 1406541

Ion Ratio Lower Upper

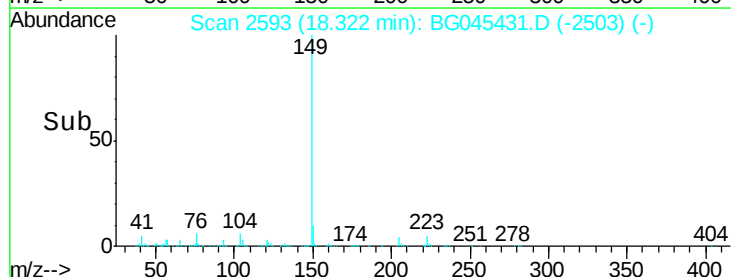
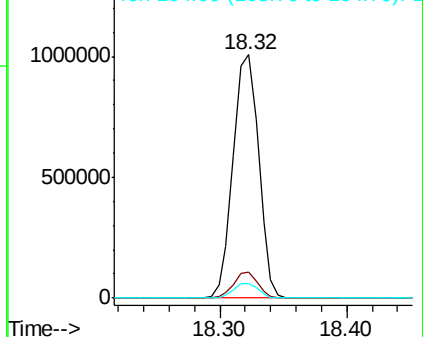
149 100

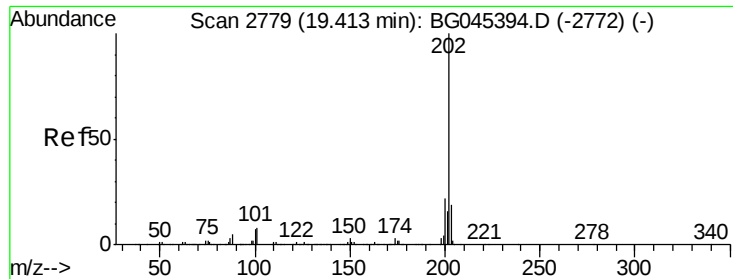
150 10.5 7.6 11.4

104 5.9 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.663 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

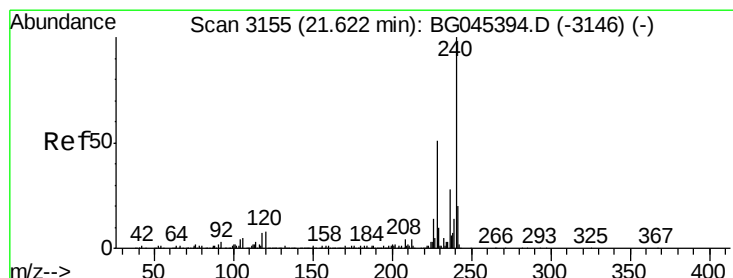
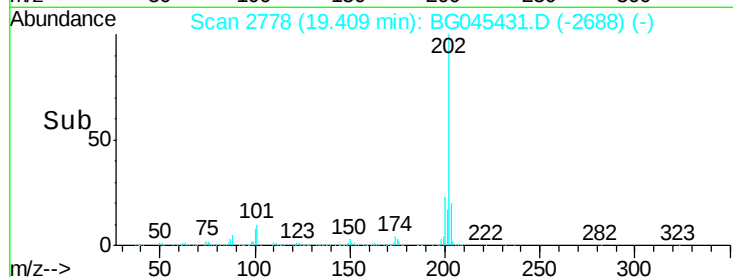
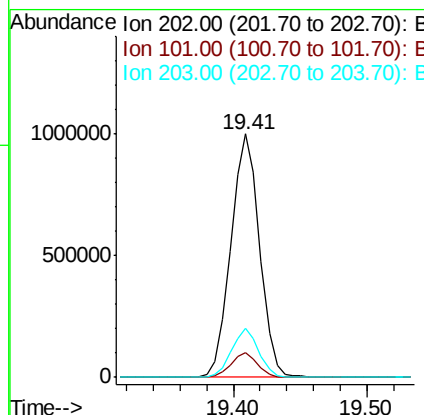
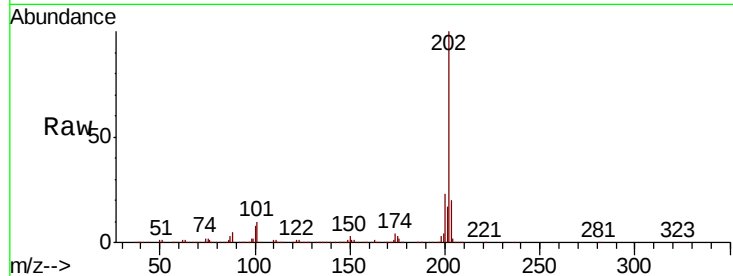
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1496517
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	28.3
203	20.2	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

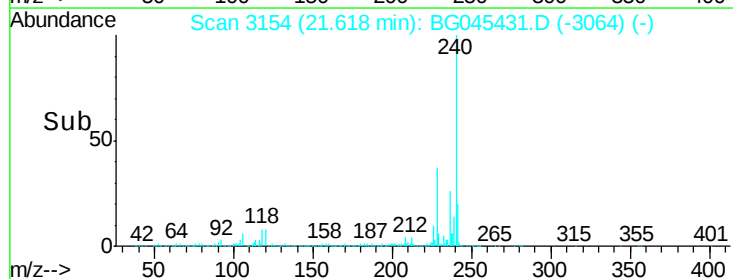
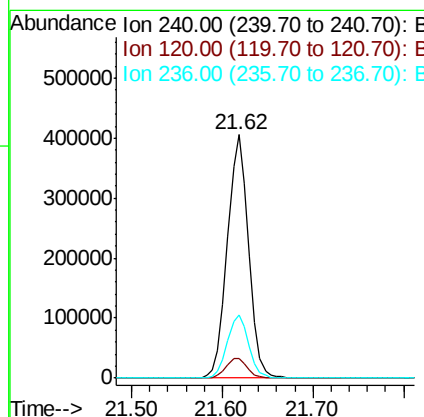
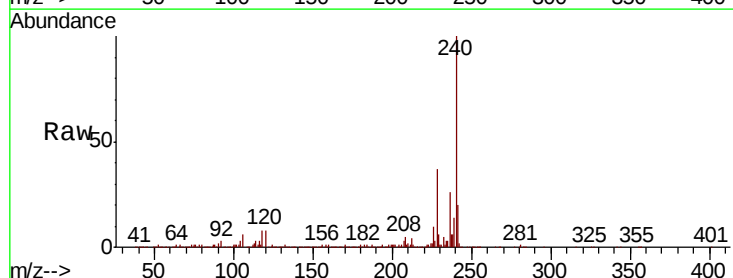
RT: 21.62 min Scan# 3154

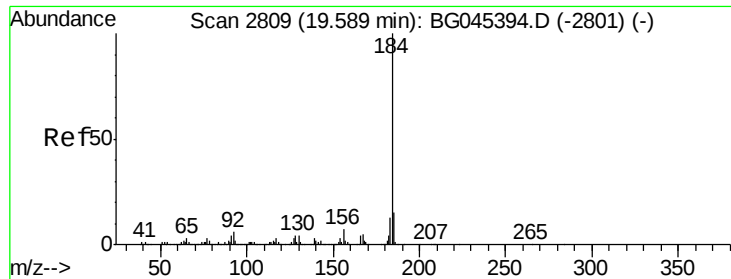
Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	240	Resp:	657239
Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.1	9.1
236	26.1	22.3	33.5





#77

Benzidine

Concen: 37.611 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

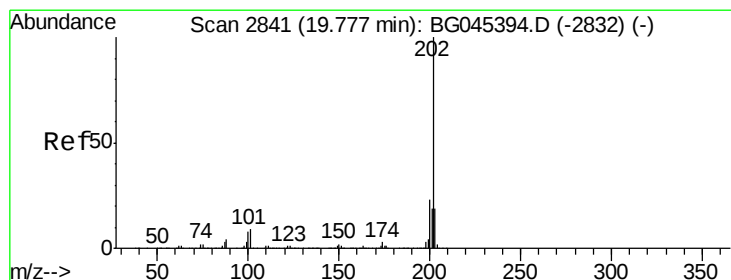
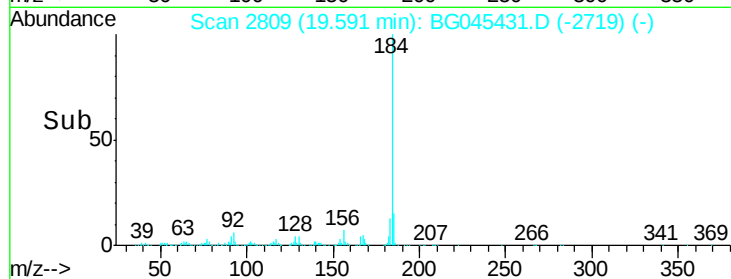
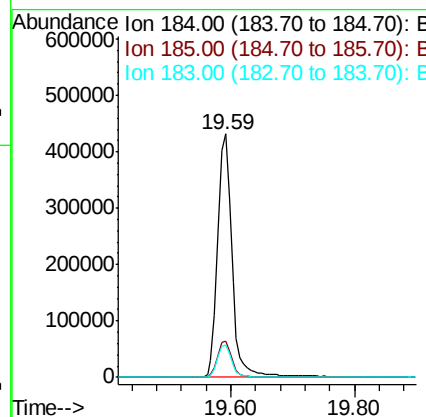
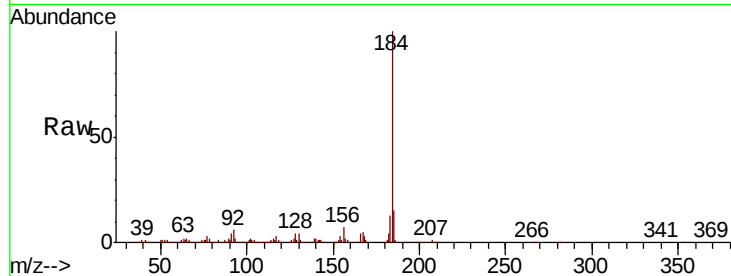
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	694258
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.7	17.5
183	13.2	10.2	15.4

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#78

Pyrene

Concen: 40.559 ng

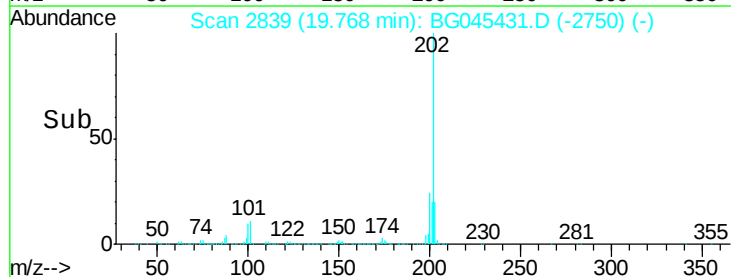
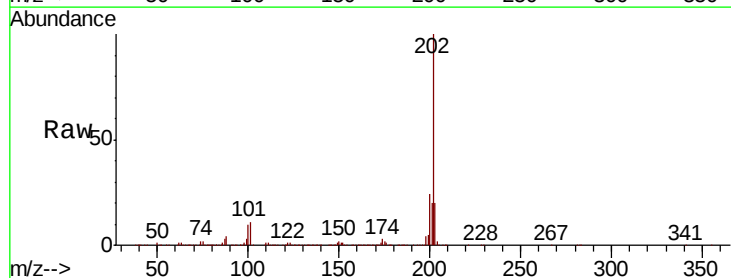
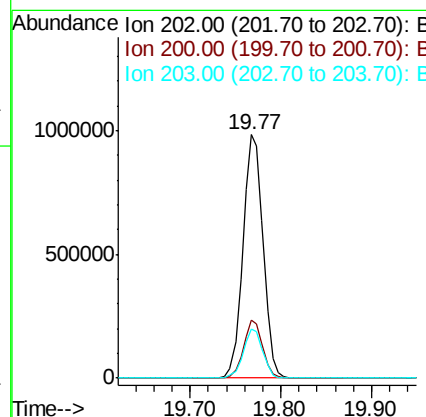
RT: 19.77 min Scan# 2839

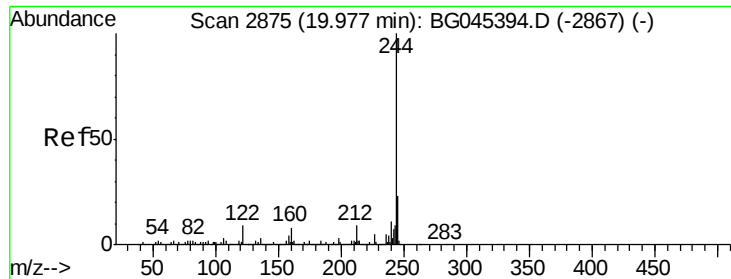
Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Tgt Ion:	202	Resp:	1519572
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.2	27.2
203	20.0	15.1	22.7





#79

Terphenyl-d14

Concen: 77.781 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2191863

Ion Ratio Lower Upper

244 100

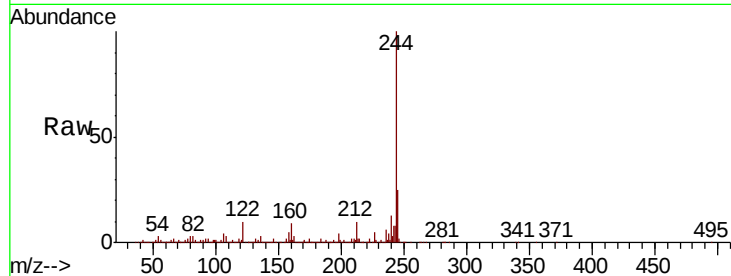
212 10.0 7.4 11.0

122 10.2 6.8 10.2

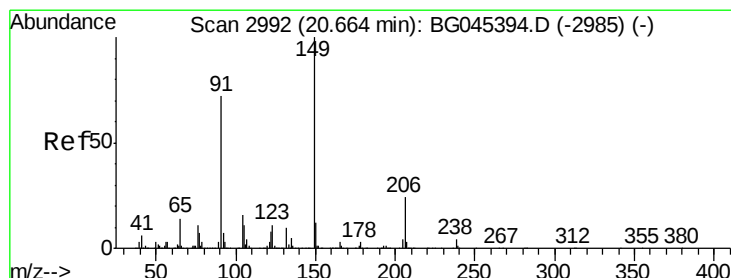
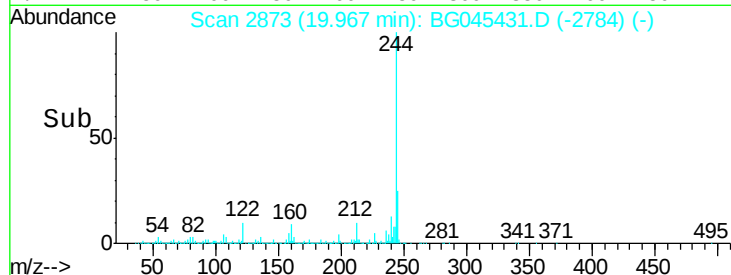
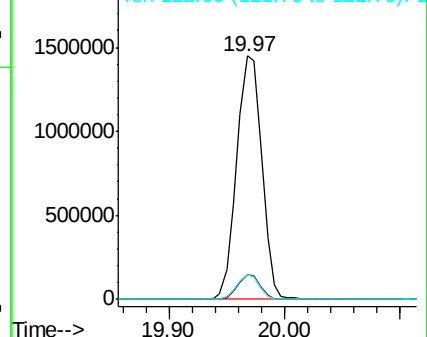
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.323 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

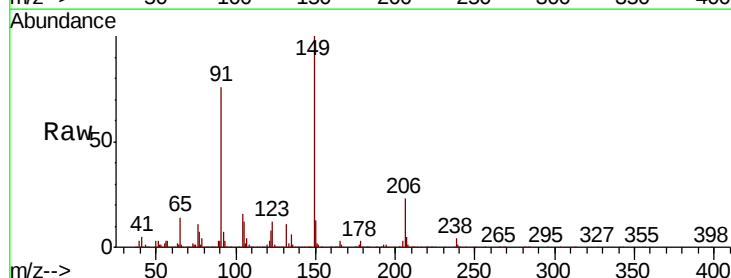
Tgt Ion:149 Resp: 652073

Ion Ratio Lower Upper

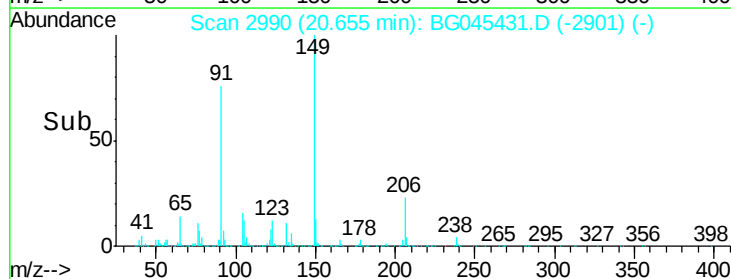
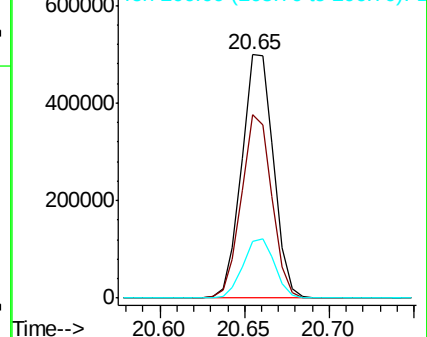
149 100

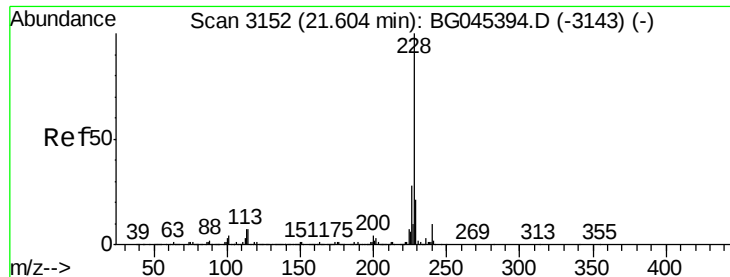
91 75.6 57.8 86.6

206 23.1 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
600000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.724 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1454389

Ion Ratio Lower Upper

228 100

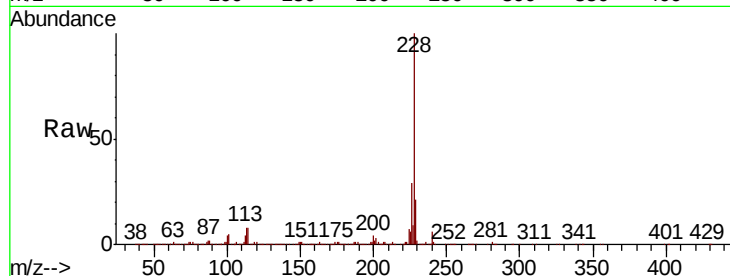
226 28.9 22.7 34.1

229 21.3 16.7 25.1

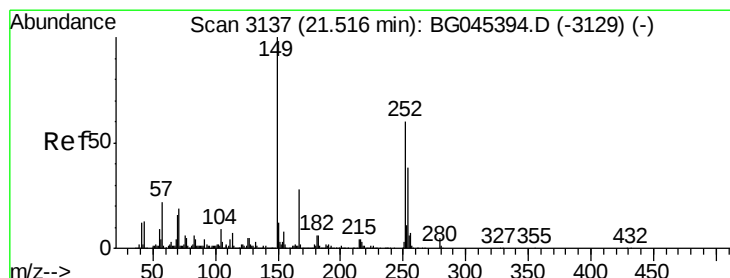
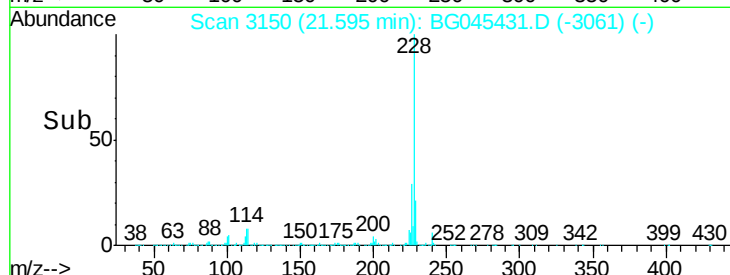
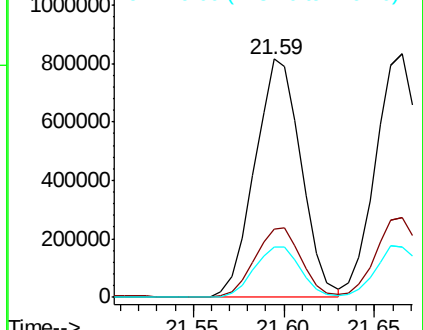
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.364 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

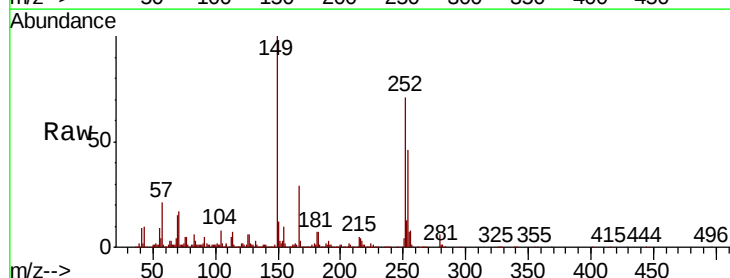
Tgt Ion:252 Resp: 565338

Ion Ratio Lower Upper

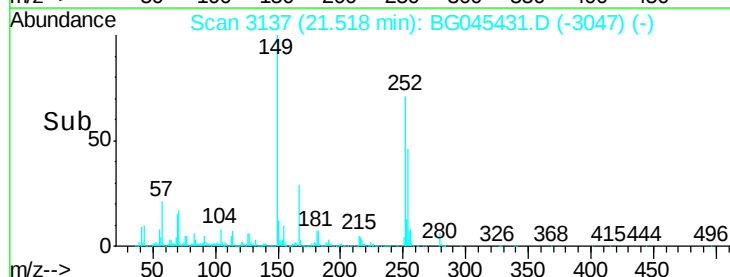
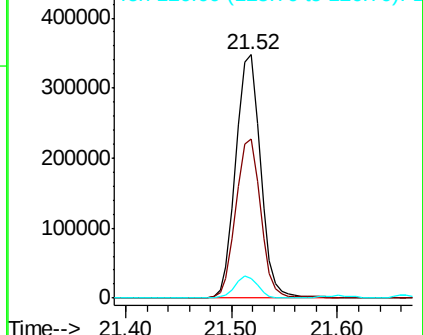
252 100

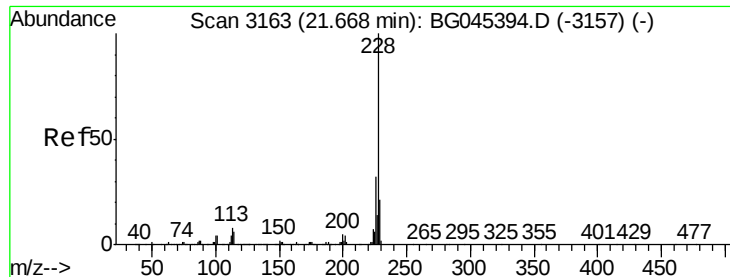
254 65.2 51.3 76.9

126 8.0 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





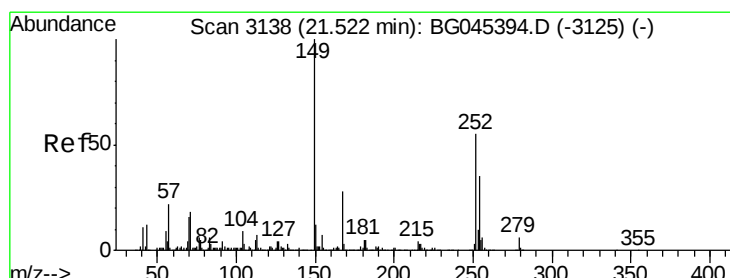
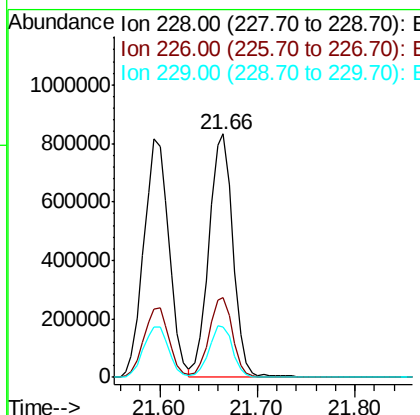
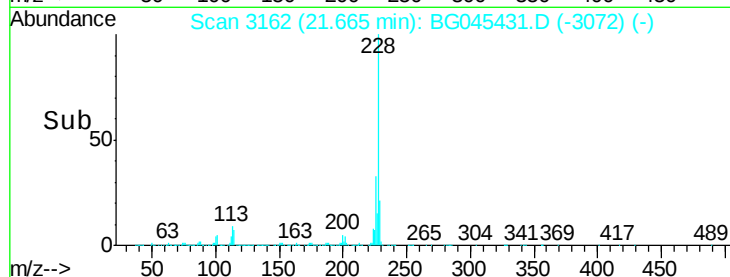
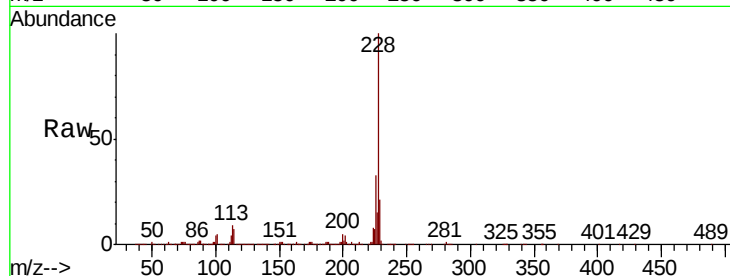
#83
 Chrysene
 Concen: 40.056 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	20.7	16.7	25.1

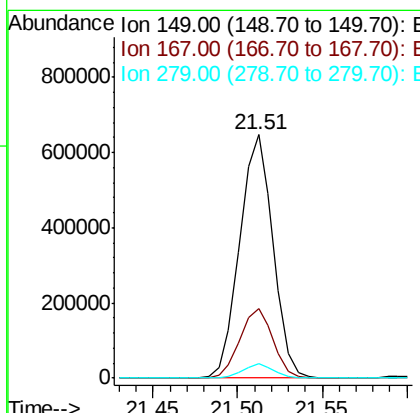
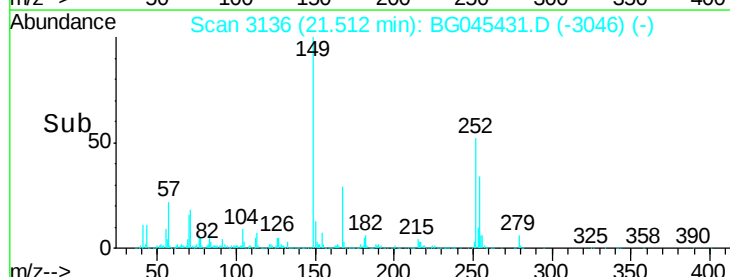
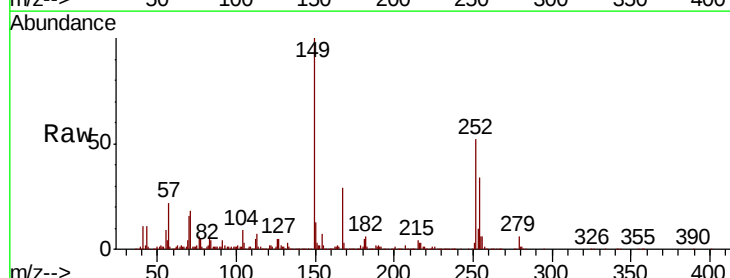
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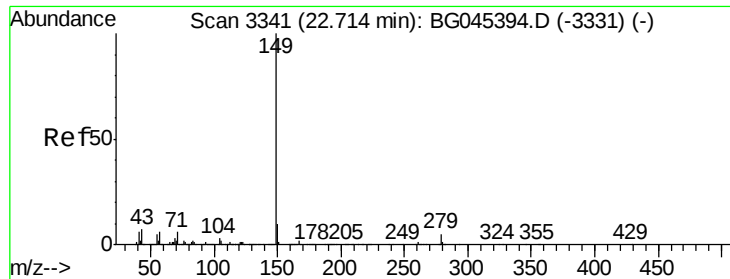
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.937 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG045431.D
 Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.7	4.7	7.1





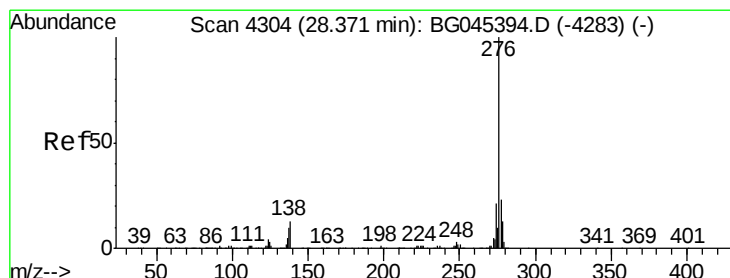
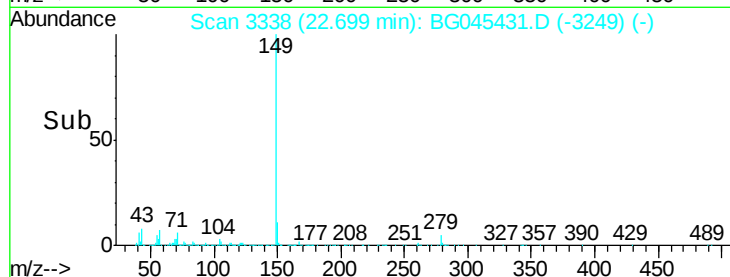
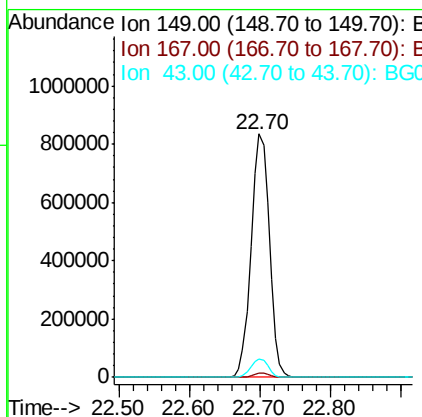
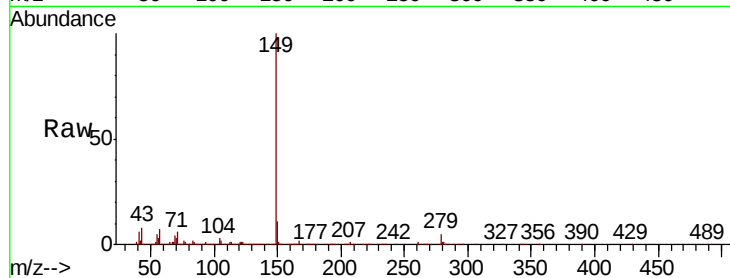
#85
Di-n-octyl phthalate
Concen: 39.430 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

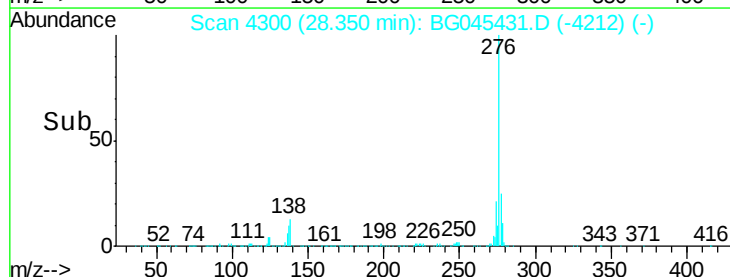
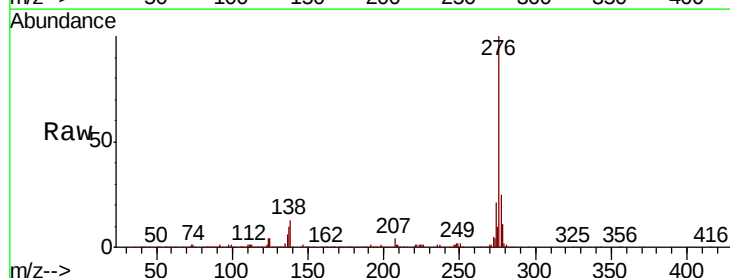
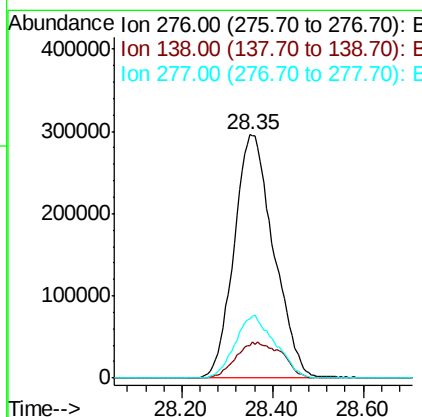
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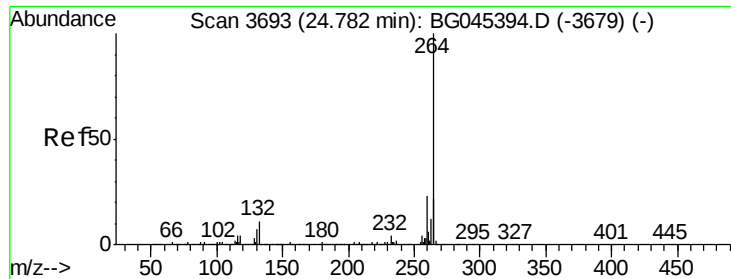
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.089 ng
RT: 28.35 min Scan# 4300
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	8.6	12.8#
277	26.1	20.2	30.4





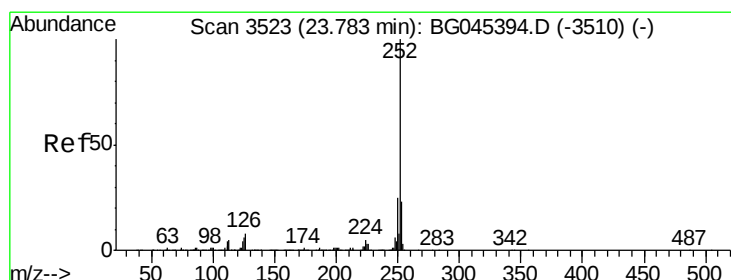
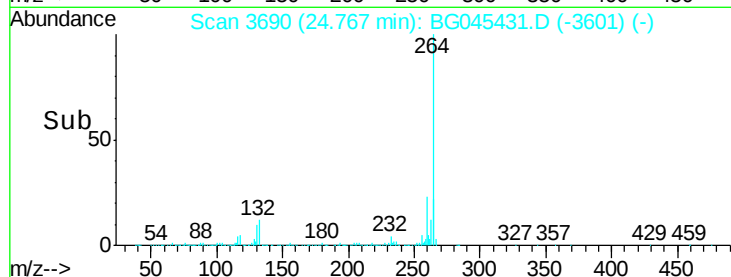
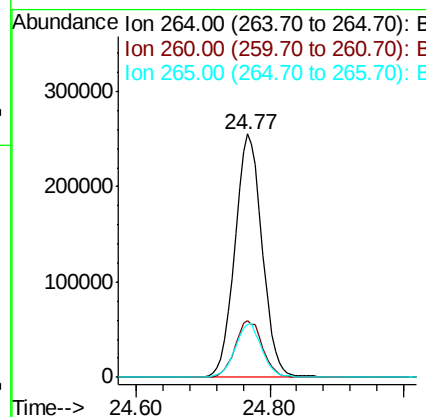
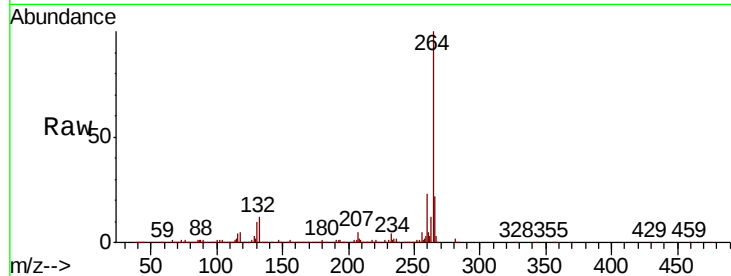
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.8	17.6	26.4

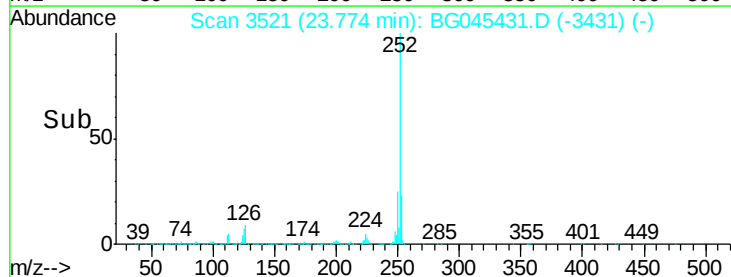
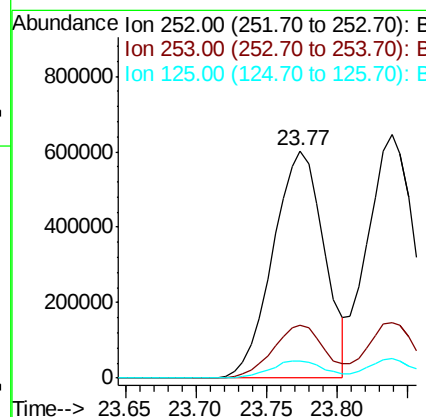
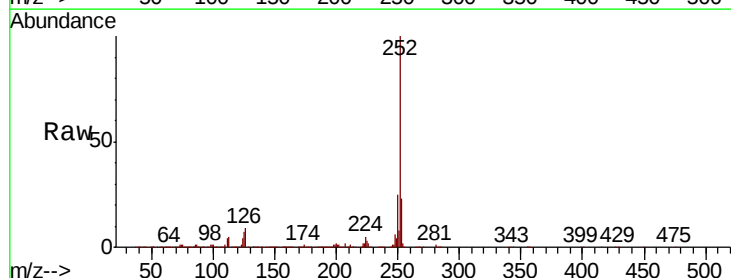
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#88
Benzo(b)fluoranthene
Concen: 39.160 ng
RT: 23.77 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	7.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 40.974 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1500048

Ion Ratio Lower Upper

252 100

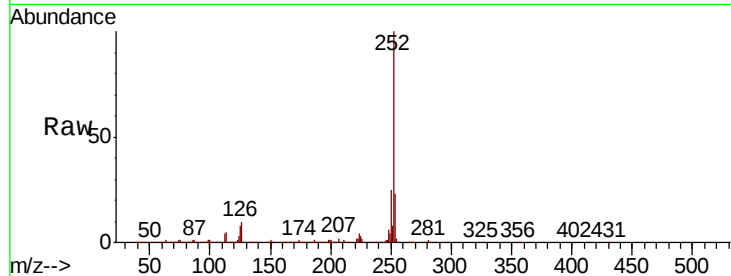
253 23.0 18.4 27.6

125 8.2 5.7 8.5

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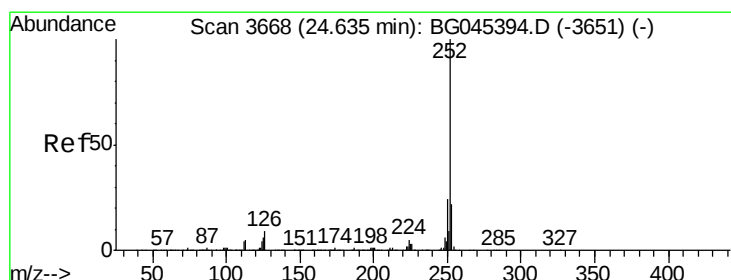
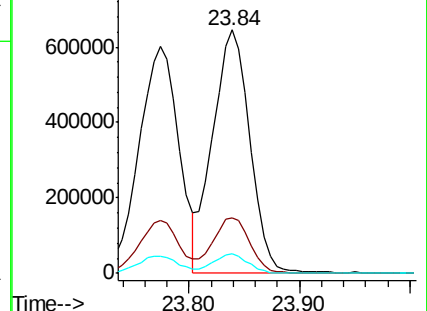
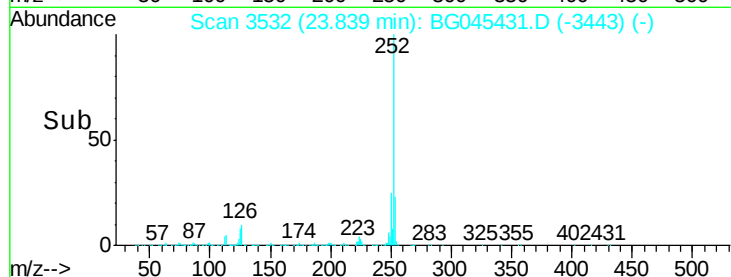


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.84



#90

Benzo(a)pyrene

Concen: 40.253 ng

RT: 24.63 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BG045431.D

Acq: 19 May 2020 19:25

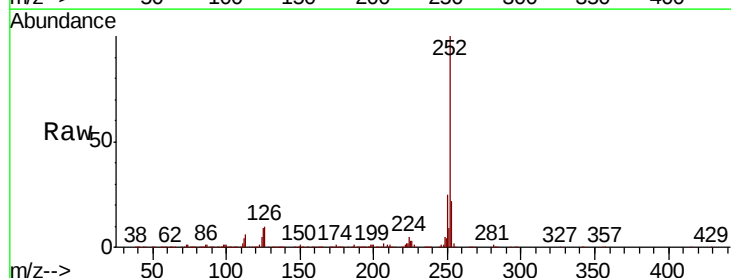
Tgt Ion:252 Resp: 1460864

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.6 5.0 7.6#

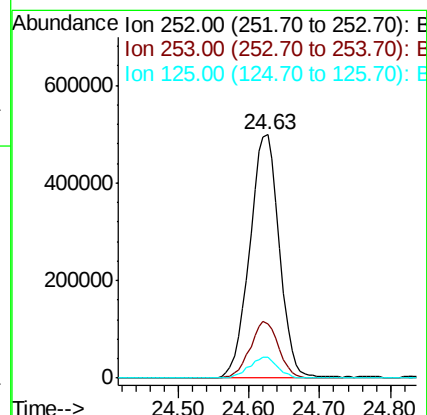
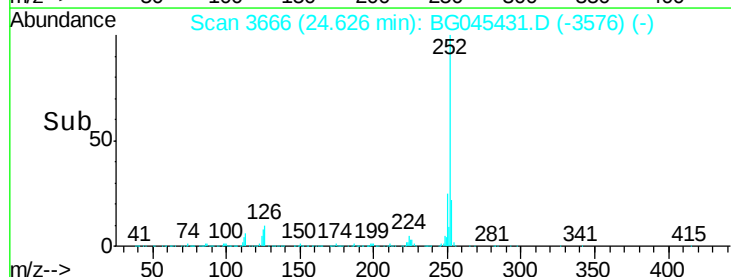


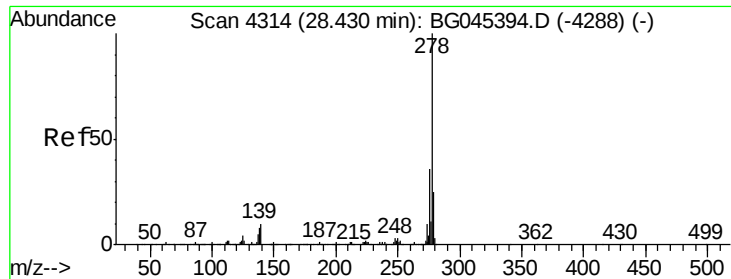
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.63





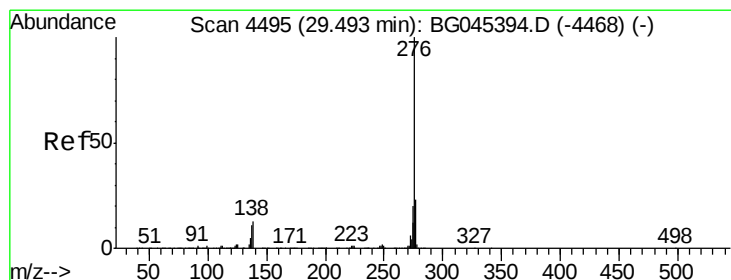
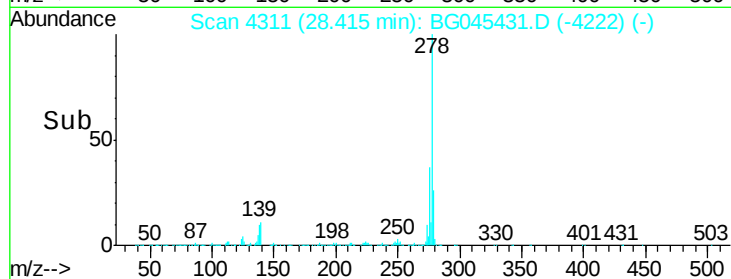
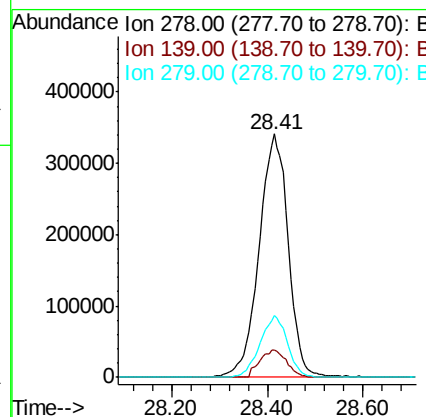
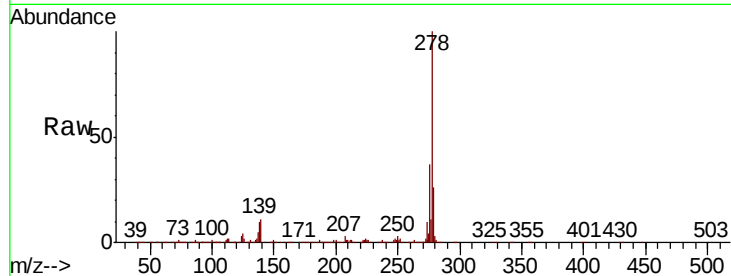
#91
Dibenzo(a,h)anthracene
Concen: 39.422 ng
RT: 28.41 min Scan# 4311
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.8	11.8
279	25.5	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 39.746 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG045431.D
Acq: 19 May 2020 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.1	27.1
138	14.6	10.2	15.4

