

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045394.D
 Acq On : 15 May 2020 12:27
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 5/18/2020 1:19:55 PM

Quant Time: May 15 13:13:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 13:09:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63357	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	254392	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	175046	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	440038	20.00	ng	0.00
76) Chrysene-d12	21.62	240	438948	20.00	ng	0.00
87) Perylene-d12	24.78	264	483393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	265920	69.29	ng	0.00
7) Phenol-d6	7.14	99	379100	66.49	ng	0.00
23) Nitrobenzene-d5	9.13	82	377884	67.78	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	183454	67.84	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	850536	71.25	ng	0.00
79) Terphenyl-d14	19.98	244	1564206	77.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	64196	37.641	ng	100
3) Pyridine	3.82	79	186493	35.515	ng	100
4) n-Nitrosodimethylamine	3.73	42	59619	37.062	ng	100
6) Aniline	7.29	93	242878	32.762	ng	100
8) 2-Chlorophenol	7.53	128	143981	34.910	ng	100
9) Benzaldehyde	7.09	77	125505	37.147	ng	100
10) Phenol	7.16	94	196300	34.405	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	154470	34.004	ng	100
12) 1,3-Dichlorobenzene	7.86	146	172606	35.515	ng	100
13) 1,4-Dichlorobenzene	8.00	146	171587	35.432	ng	100
14) 1,2-Dichlorobenzene	8.32	146	162331	35.038	ng	100
15) Benzyl Alcohol	8.20	79	155888	32.610	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141044	31.630	ng	100
17) 2-Methylphenol	8.42	107	147012	33.395	ng	100
18) Hexachloroethane	9.05	117	66376	36.460	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	130570	32.381	ng	100
20) 3+4-Methylphenols	8.74	107	199974	32.454	ng	100
22) Acetophenone	8.79	105	242848	35.301	ng	100
24) Nitrobenzene	9.17	77	197119	34.492	ng	100
25) Isophorone	9.69	82	374830	32.830	ng	100
26) 2-Nitrophenol	9.88	139	85732	34.827	ng	100
27) 2,4-Dimethylphenol	9.95	122	129158	33.067	ng	100
28) bis(2-Chloroethoxy)methane	10.18	93	192129	32.028	ng	100
29) 2,4-Dichlorophenol	10.42	162	148627	32.954	ng	100
30) 1,2,4-Trichlorobenzene	10.64	180	176815	34.626	ng	100
31) Naphthalene	10.82	128	475571	34.173	ng	100
32) Benzoic acid	10.10	122	72223	24.653	ng	100
33) 4-Chloroaniline	10.93	127	202777	31.244	ng	100
34) Hexachlorobutadiene	11.12	225	124915	35.679	ng	100
35) Caprolactam	11.69	113	56960	31.732	ng	100
36) 4-Chloro-3-methylphenol	12.06	107	170438	32.169	ng	100
37) 2-Methylnaphthalene	12.43	142	357439	33.091	ng	100
38) 1-Methylnaphthalene	12.65	142	339144	33.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	194418	34.496	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	113701	32.278	nq	100
43) 2,4,6-Trichlorophenol	13.04	196	137892	34.666	nq	100
44) 2,4,5-Trichlorophenol	13.12	196	158353	34.975	nq	100
46) 1,1'-Biphenyl	13.44	154	434497	32.657	nq	100
47) 2-Chloronaphthalene	13.49	162	349578	34.386	nq	100
48) 2-Nitroaniline	13.68	65	120280	35.960	nq	100
49) Acenaphthylene	14.33	152	569748	34.407	nq	100
50) Dimethylphthalate	14.06	163	498820	34.997	nq	100
51) 2,6-Dinitrotoluene	14.18	165	112226	35.203	nq	100
52) Acenaphthene	14.67	154	385939m	34.447	nq	
53) 3-Nitroaniline	14.51	138	111852	31.990	nq	100
54) 2,4-Dinitrophenol	14.72	184	66431	35.043	nq	100
55) Dibenzofuran	15.01	168	575041	35.204	nq	100
56) 4-Nitrophenol	14.84	139	89101	32.866	nq	100
57) 2,4-Dinitrotoluene	14.97	165	159787	34.297	nq	100
58) Fluorene	15.66	166	470702	35.279	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	140248	34.813	nq	100
60) Diethylphthalate	15.43	149	517672	34.836	nq	100
61) 4-Chlorophenyl-phenylether	15.65	204	268693	34.988	nq	100
62) 4-Nitroaniline	15.68	138	119984	33.085	nq	100
63) Azobenzene	15.95	77	479321	34.985	nq	100
65) 4,6-Dinitro-2-methylphenol	15.74	198	105831	36.589	nq	100
66) n-Nitrosodiphenylamine	15.86	169	419658	33.193	nq	100
67) 4-Bromophenyl-phenylether	16.55	248	190687	33.590	nq	100
68) Hexachlorobenzene	16.68	284	199930	33.958	nq	100
69) Atrazine	16.82	200	176923	35.010	nq	100
70) Pentachlorophenol	17.02	266	106734	29.551	nq	100
71) Phenanthrene	17.40	178	781537	34.562	nq	100
72) Anthracene	17.49	178	782907	34.516	nq	100
73) Carbazole	17.76	167	771276	33.507	nq	100
74) Di-n-butylphthalate	18.33	149	940304	34.836	nq	100
75) Fluoranthene	19.41	202	1017513	35.451	nq	100
77) Benzidine	19.59	184	514154	36.398	nq	100
78) Pyrene	19.78	202	1031118	34.074	nq	100
80) Butylbenzylphthalate	20.66	149	447031	35.638	nq	100
81) Benzo(a)anthracene	21.60	228	983658	34.575	nq	100
82) 3,3'-Dichlorobenzidine	21.52	252	388897	34.343	nq	100
83) Chrysene	21.67	228	963950	35.264	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	601890	34.888	nq	100
85) Di-n-octyl phthalate	22.71	149	1028028	34.460	nq	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1218303	33.569	nq	100
88) Benzo(b)fluoranthene	23.78	252	1058722	34.965	nq	100
89) Benzo(k)fluoranthene	23.85	252	981972	34.101	nq	100
90) Benzo(a)pyrene	24.64	252	973037	34.036	nq	100
91) Dibenzo(a,h)anthracene	28.43	278	963153	33.435	nq	100
92) Benzo(g,h,i)perylene	29.49	276	970793	33.614	nq	100

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

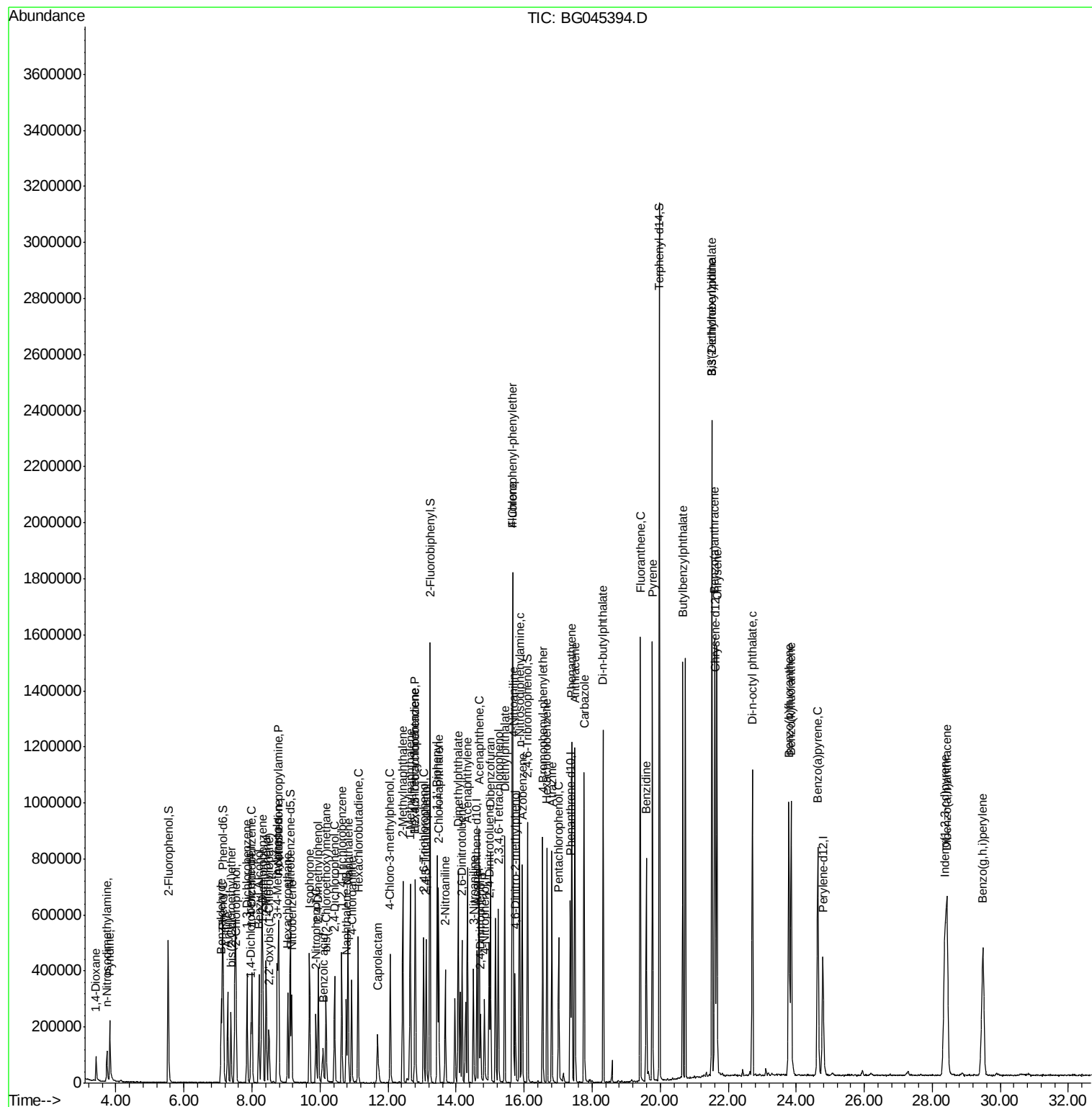
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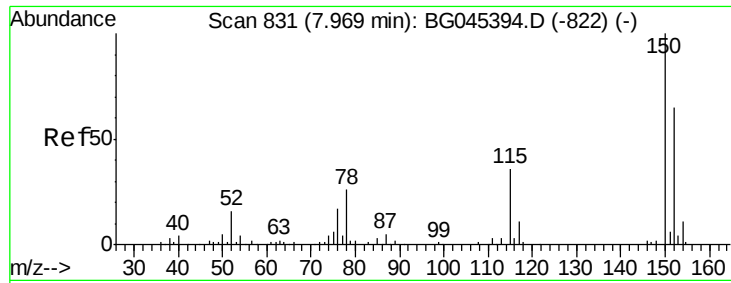
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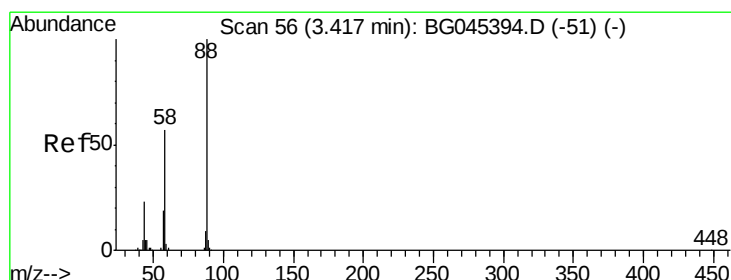
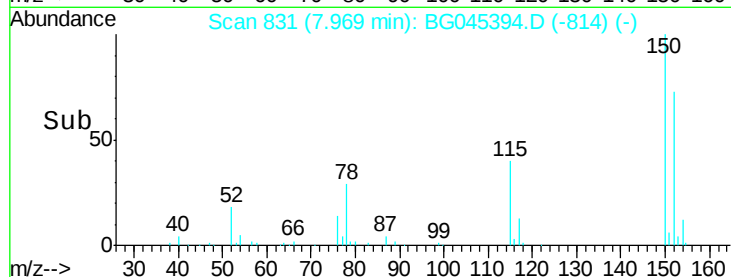
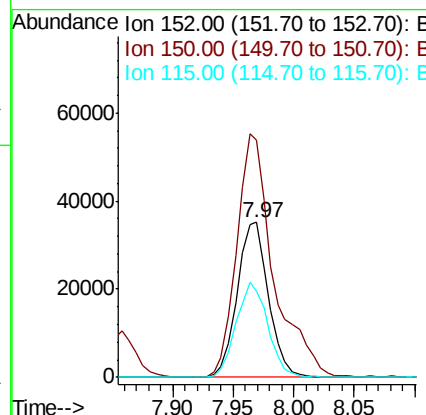
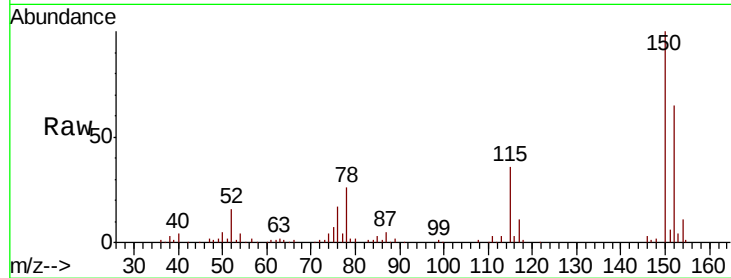
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.4	183.6
115	55.3	44.2	66.4

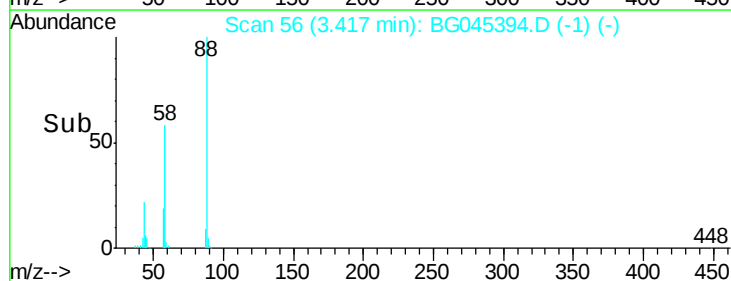
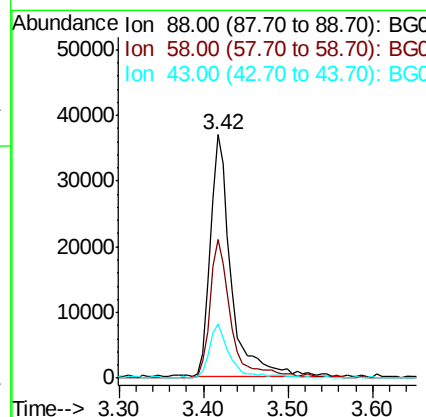
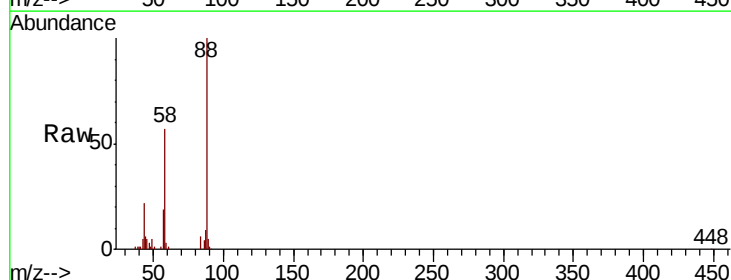
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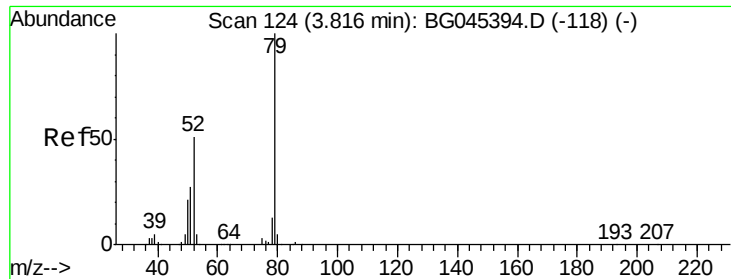
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#2
 1,4-Dioxane
 Concen: 37.641 ng
 RT: 3.42 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.1	45.7	68.5
43	21.0	16.8	25.2





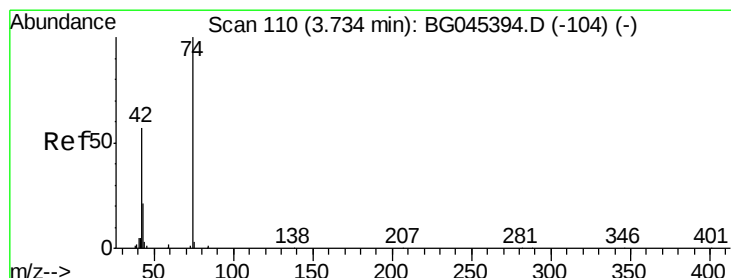
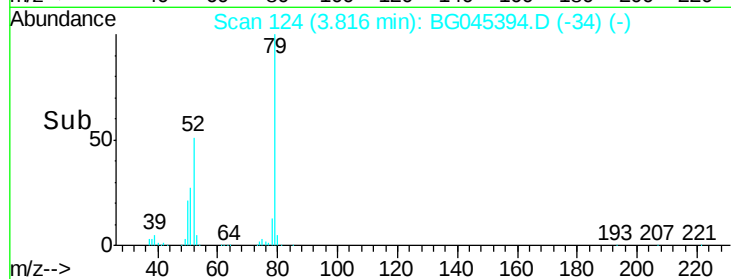
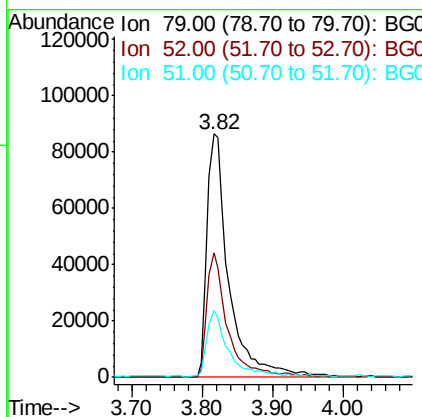
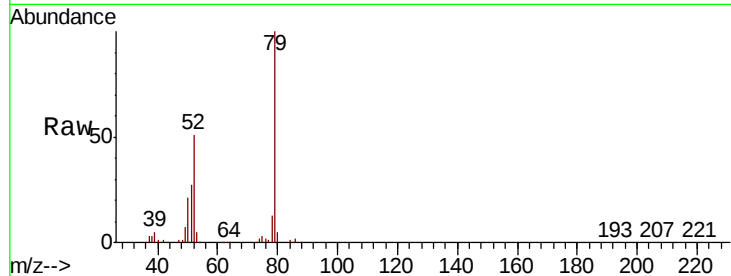
#3
 Pvridine
 Concen: 35.515 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:	79	Resp:	186493
Ion	Ratio	Lower	Upper
79	100		
52	51.0	40.8	61.2
51	27.4	21.9	32.9

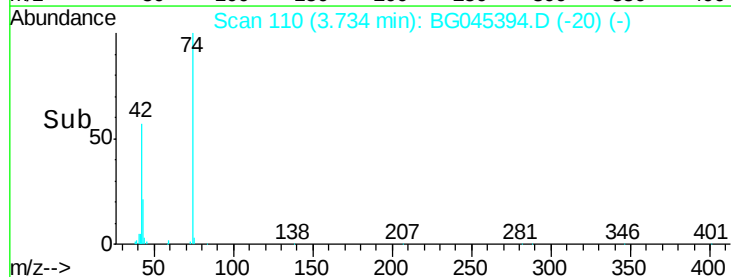
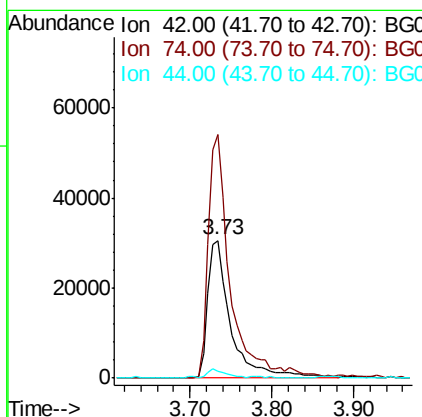
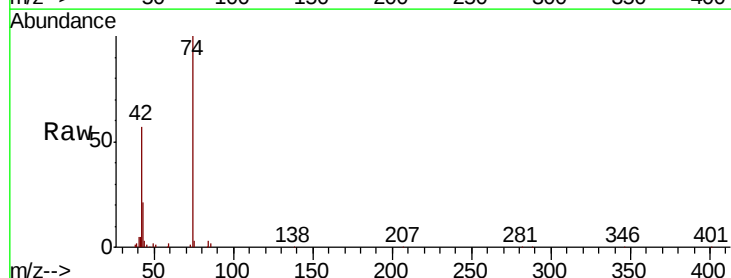
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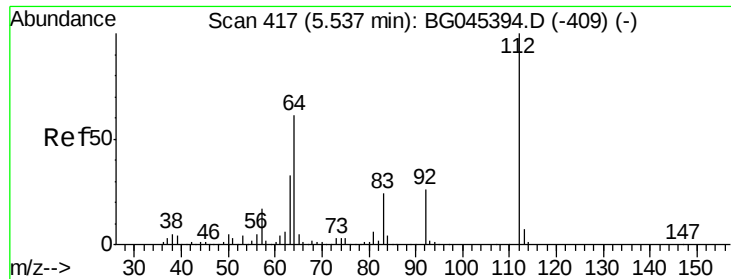
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#4
 n-Nitrosodimethylamine
 Concen: 37.062 ng
 RT: 3.73 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion:	42	Resp:	59619
Ion	Ratio	Lower	Upper
42	100		
74	176.6	141.3	211.9
44	5.3	4.2	6.4





#5

2-Fluorophenol

Concen: 69.293 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

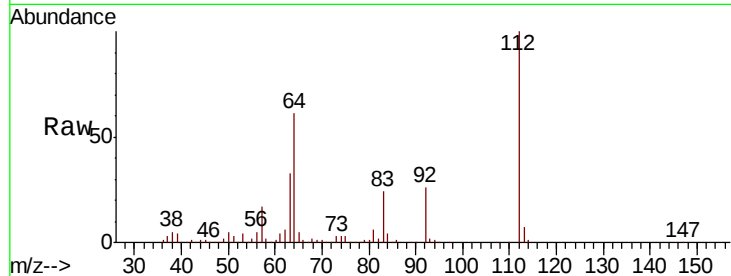
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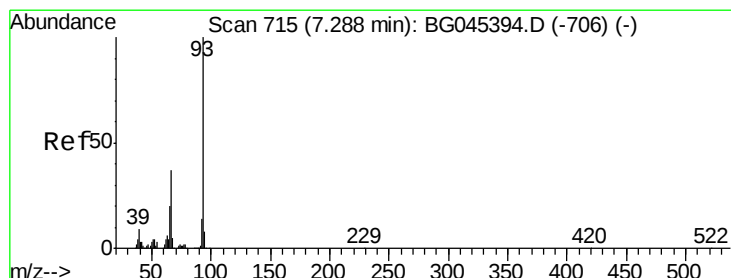
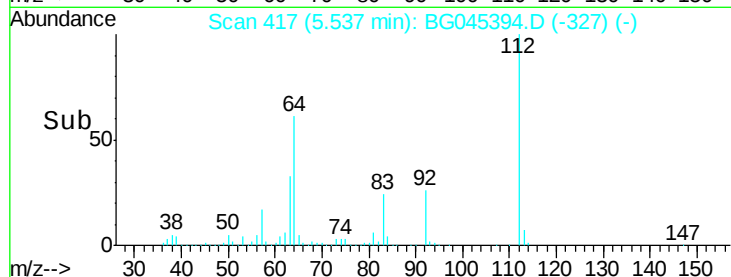
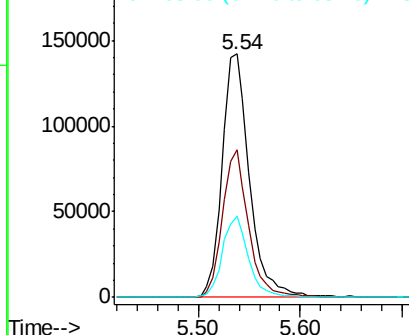
Tot Ion:	112	Resp:	265920
Ion Ratio	Lower	Upper	
112	100		
64	60.7	48.6	72.8
63	33.1	26.5	39.7

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



#6

Aniline

Concen: 32.762 ng

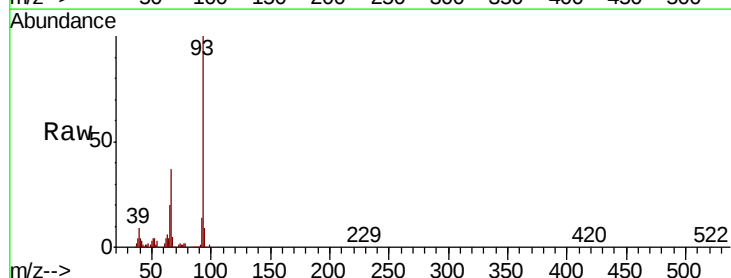
RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

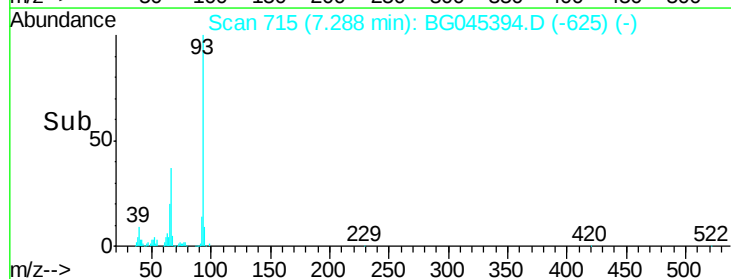
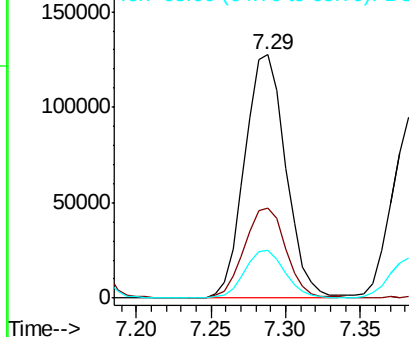
Lab File: BG045394.D

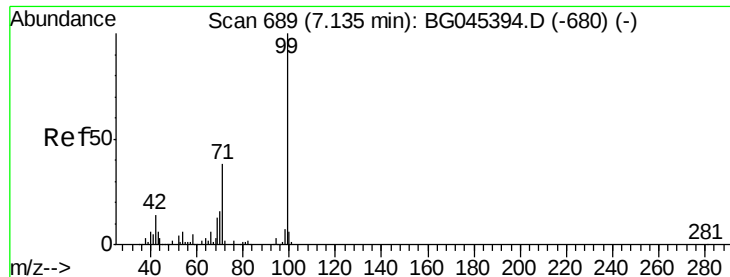
Acq: 15 May 2020 12:27

Tgt Ion:	93	Resp:	242878
Ion Ratio	Lower	Upper	
93	100		
66	37.0	29.6	44.4
65	19.9	15.9	23.9



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





#7

Phenol-d6

Concen: 66.488 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

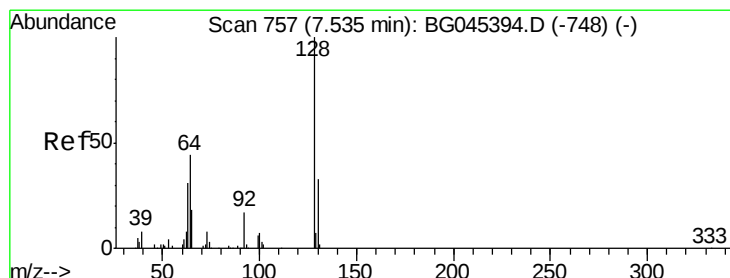
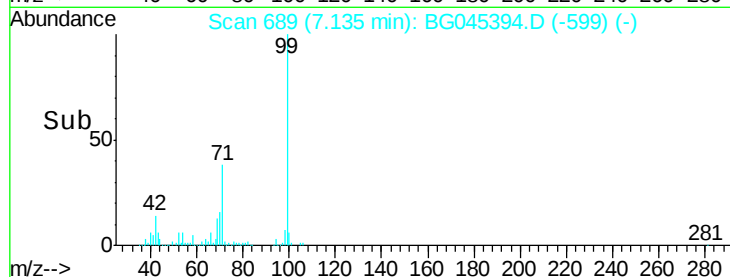
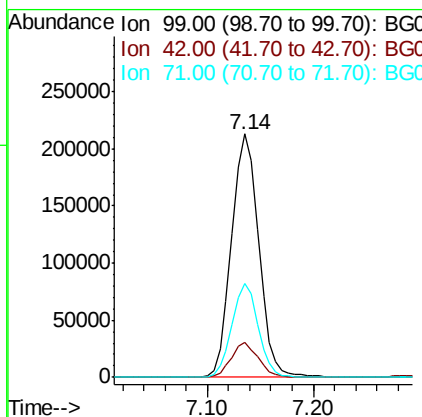
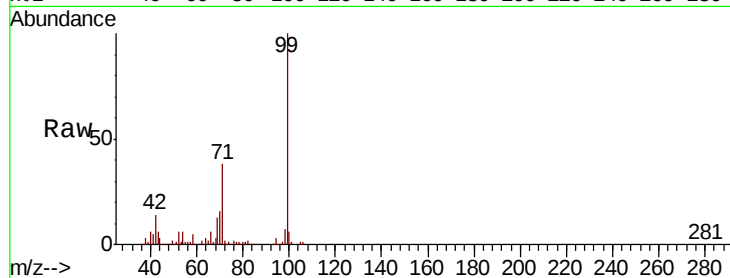
ClientSampled :

SSTDICCC040

Tot Ion:	99	Resp:	379100
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	38.5	30.8	46.2

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#8

2-Chlorophenol

Concen: 34.910 ng

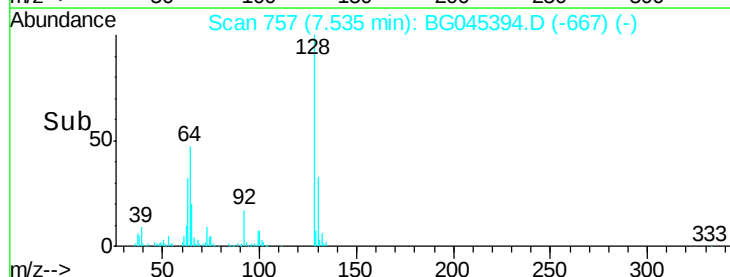
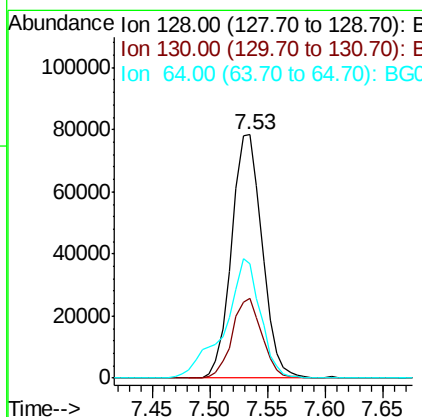
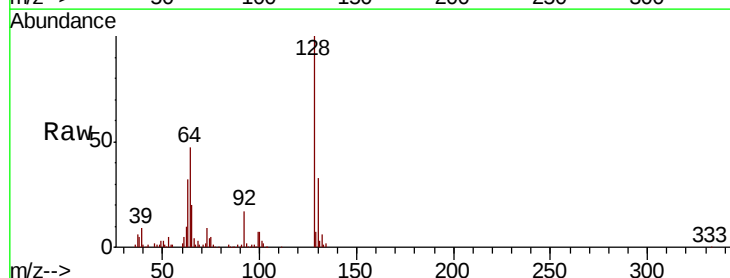
RT: 7.53 min Scan# 757

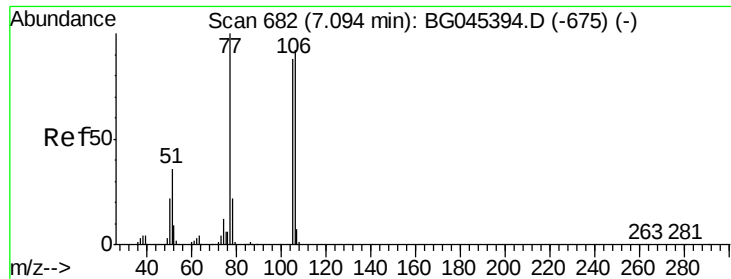
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	128	Resp:	143981
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	47.0	27.0	67.0





#9

Benzaldehyde

Concen: 37.147 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

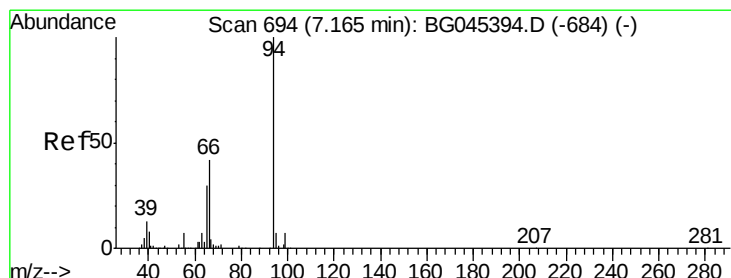
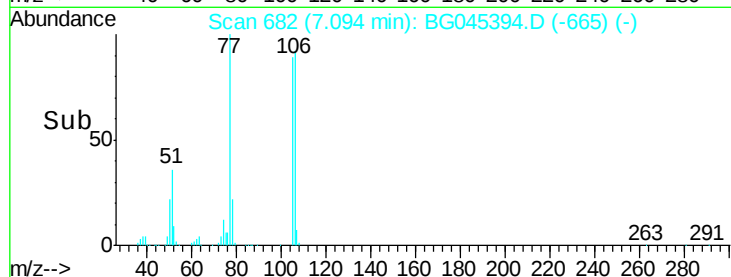
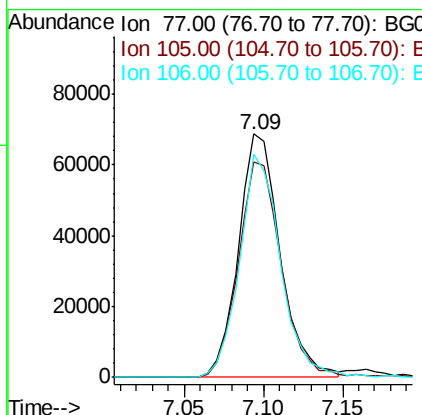
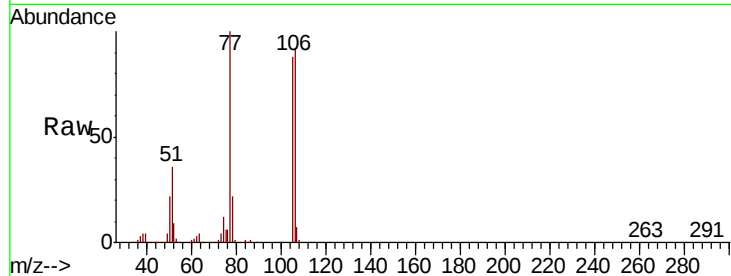
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	125505
Ion	Ratio	Lower	Upper
77	100		
105	88.5	68.5	108.5
106	91.6	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 34.405 ng

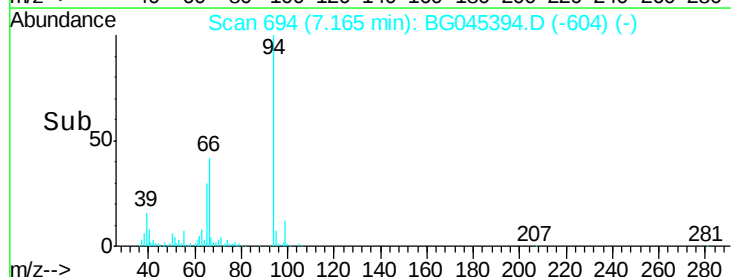
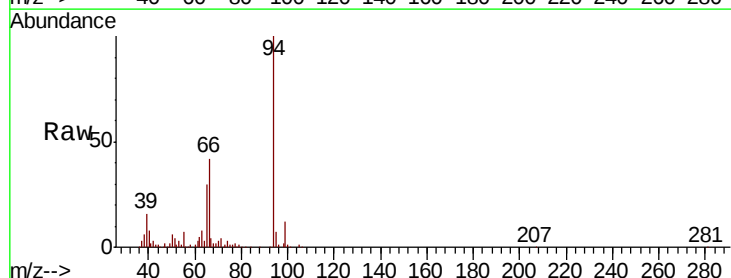
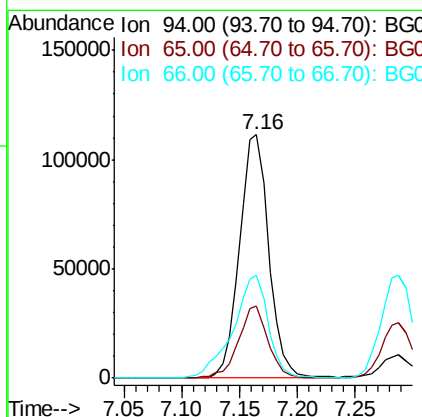
RT: 7.16 min Scan# 694

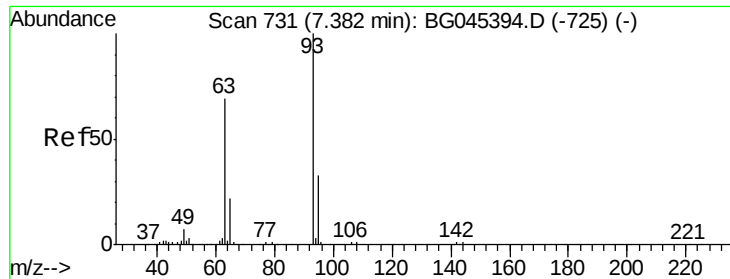
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	94	Resp:	196300
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.8	49.8
66	42.0	22.0	62.0





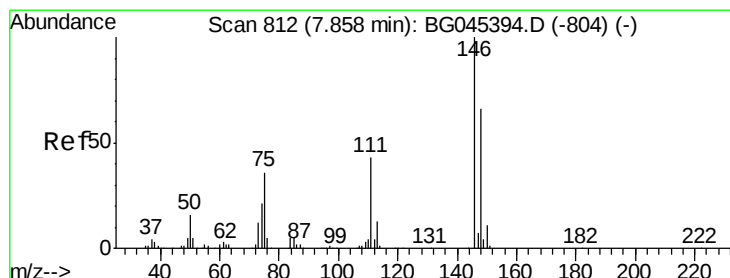
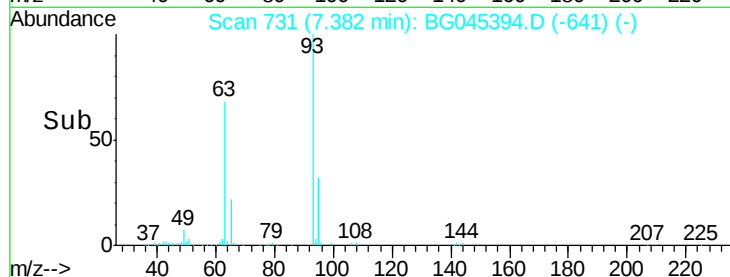
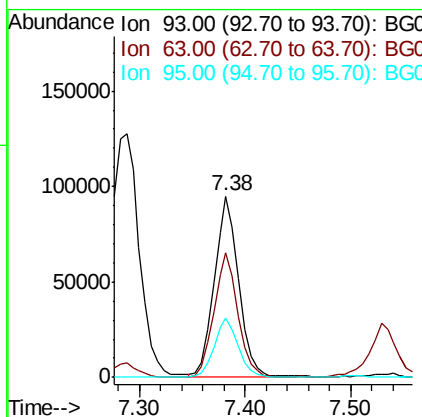
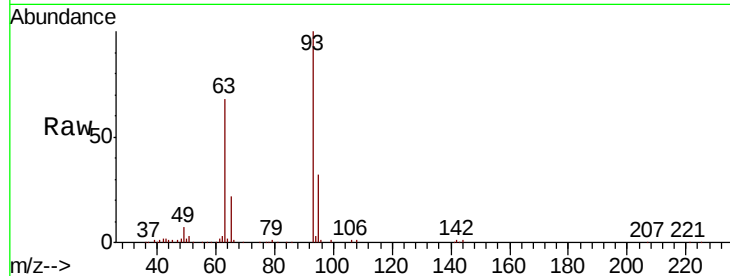
#11
bis(2-Chloroethyl)ether
Concen: 34.004 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.4	48.4	88.4
95	32.4	12.4	52.4

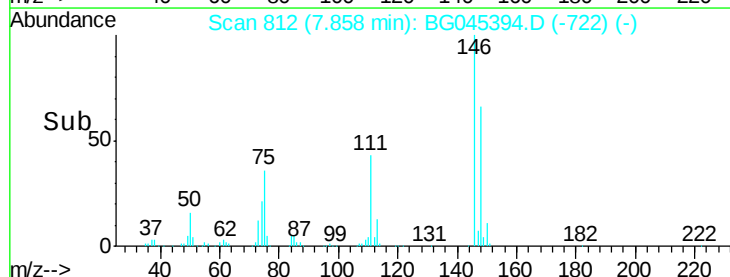
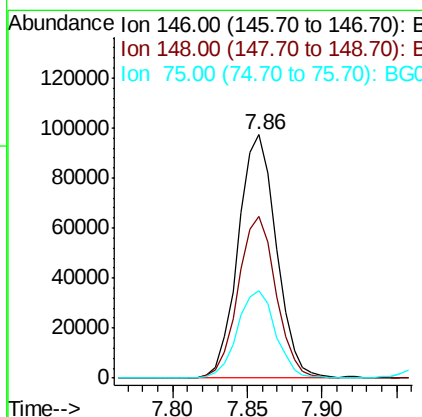
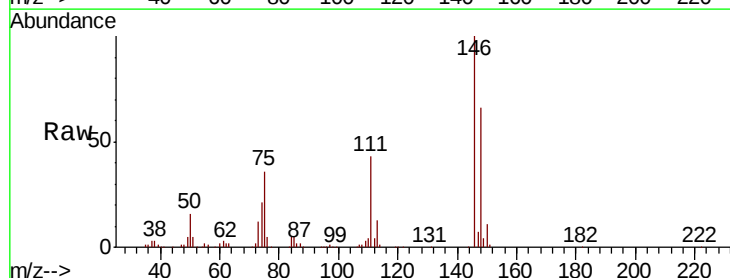
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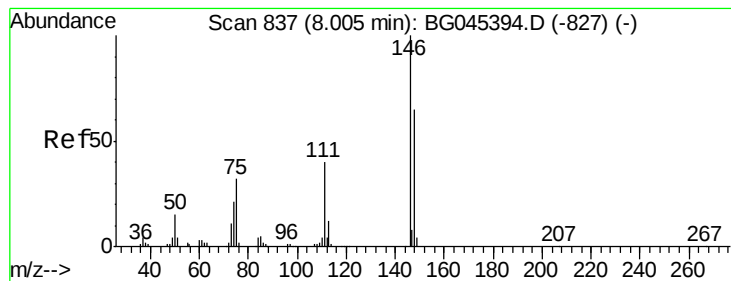
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#12
1,3-Dichlorobenzene
Concen: 35.515 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	35.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 35.432 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

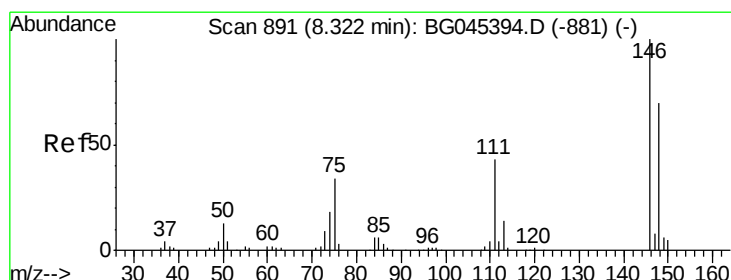
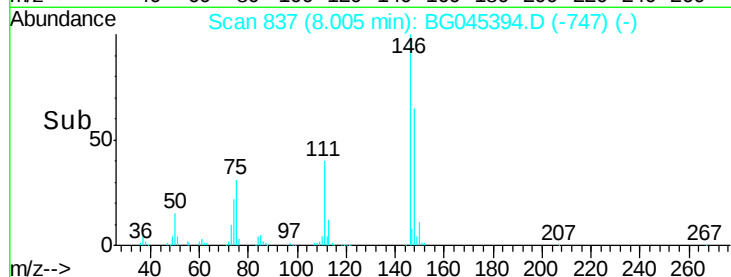
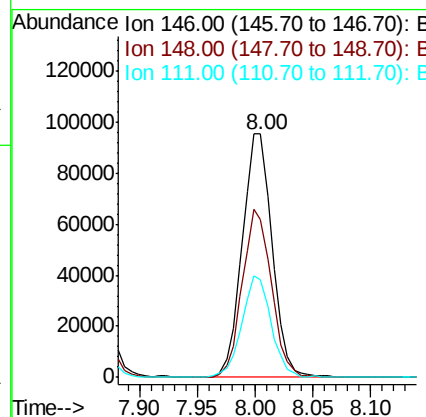
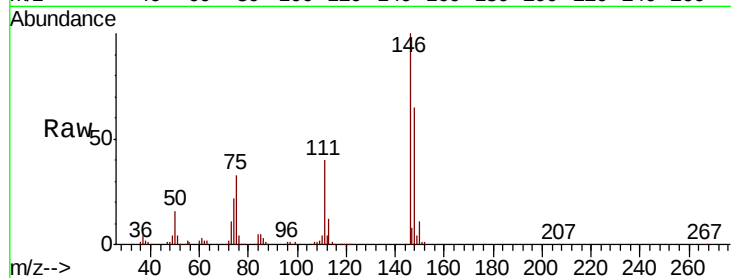
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	171587
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
111	40.1	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 35.038 ng

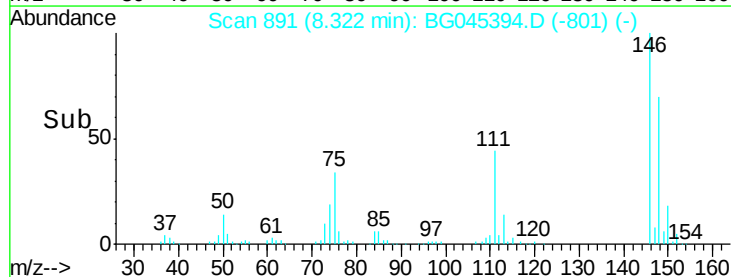
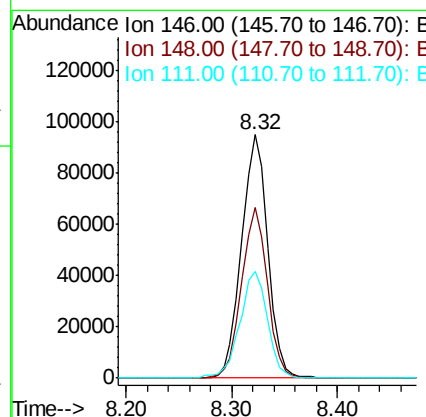
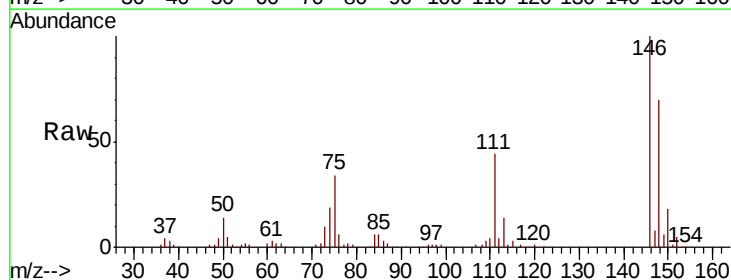
RT: 8.32 min Scan# 891

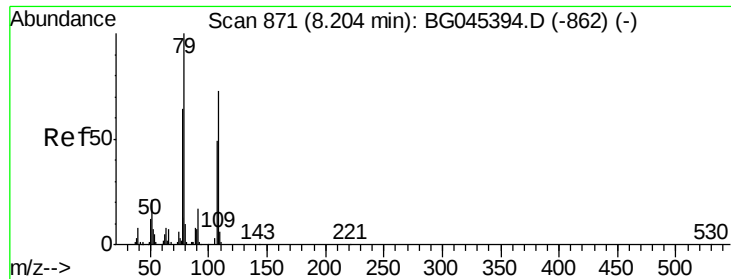
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	146	Resp:	162331
Ion Ratio	Lower	Upper	
146	100		
148	69.9	55.9	83.9
111	43.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 32.610 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

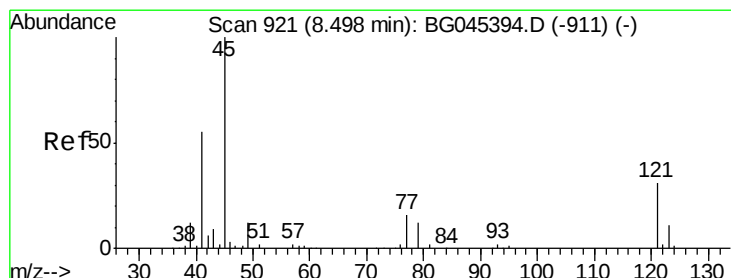
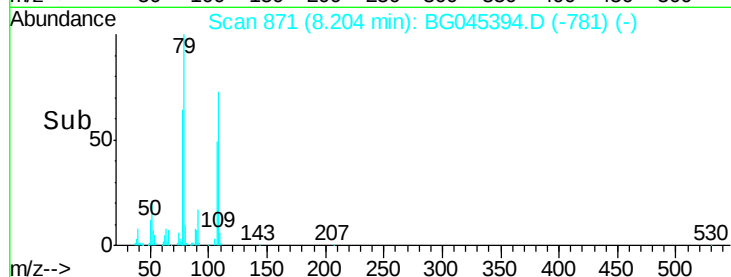
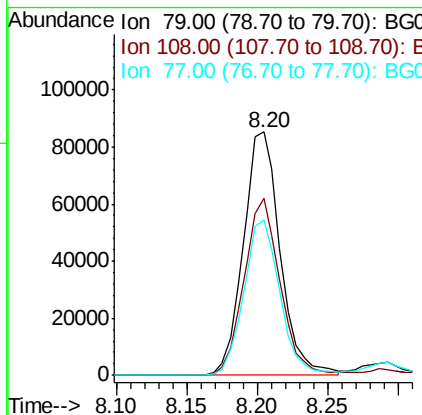
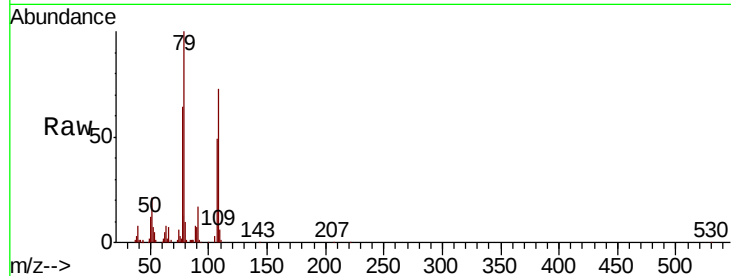
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	155888
Ion	Ratio	Lower	Upper
79	100		
108	72.8	58.2	87.4
77	63.7	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.630 ng

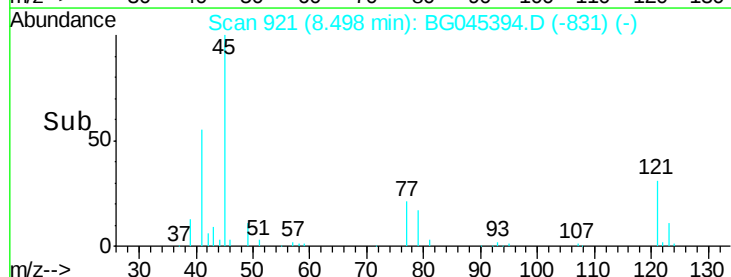
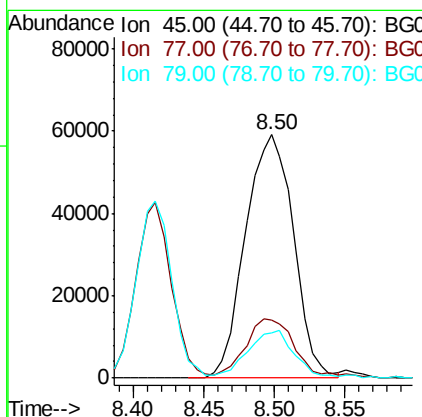
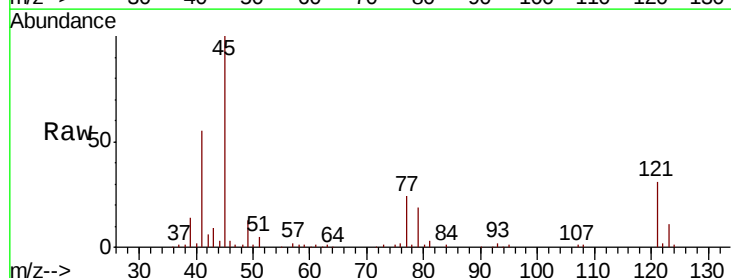
RT: 8.50 min Scan# 921

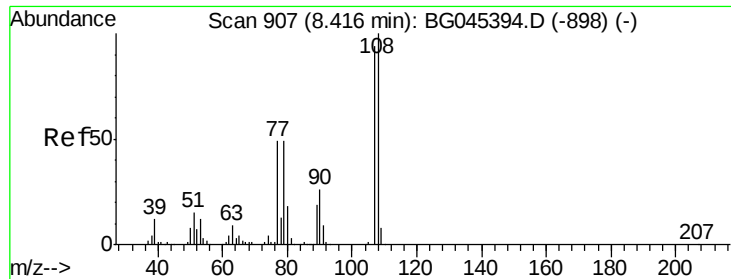
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	45	Resp:	141044
Ion	Ratio	Lower	Upper
45	100		
77	24.0	4.0	44.0
79	18.6	0.0	38.6





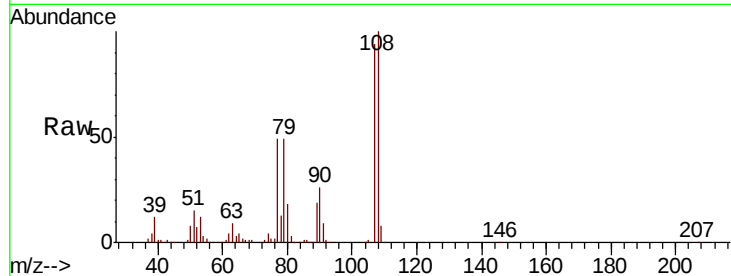
#17
2-Methylphenol
Concen: 33.395 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	85.2	127.8	
77	52.0	41.6	62.4	
79	52.3	41.8	62.8	

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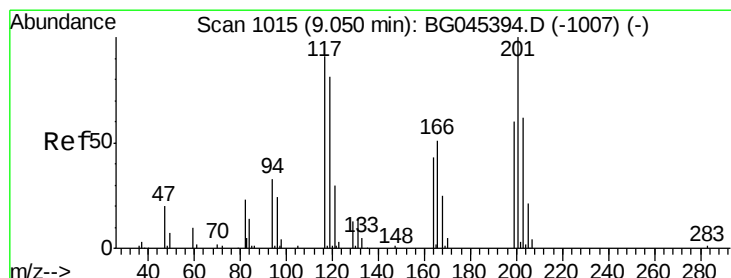
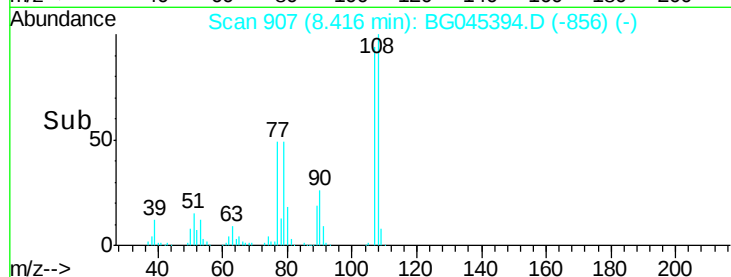
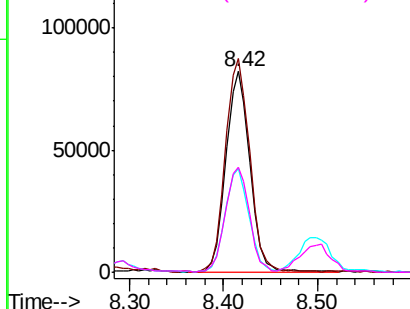
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

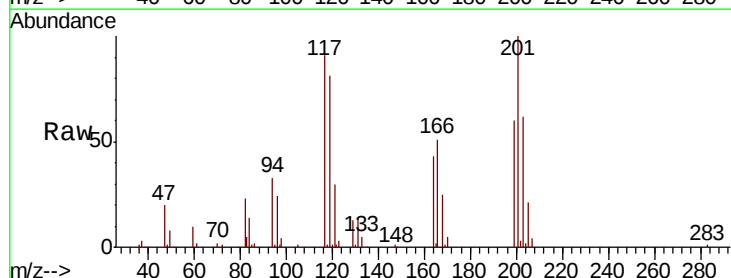
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.460 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.1	71.3	106.9	
201	109.4	87.5	131.3	

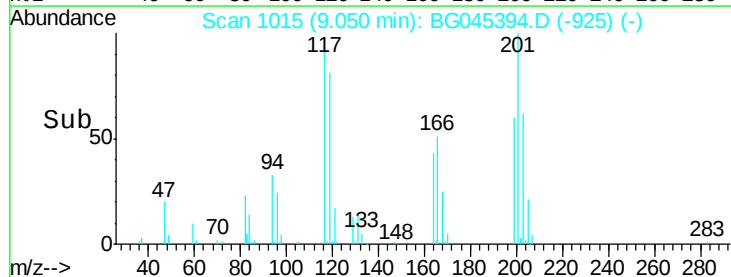
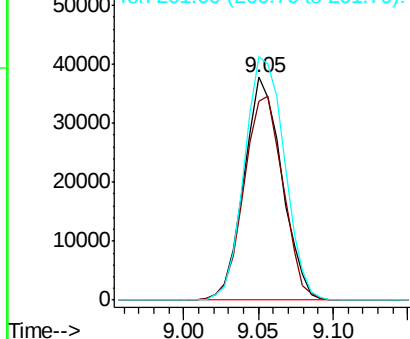


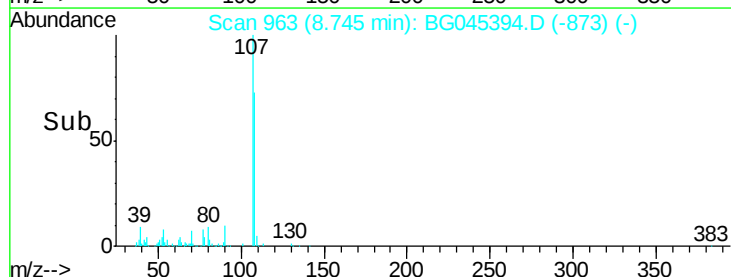
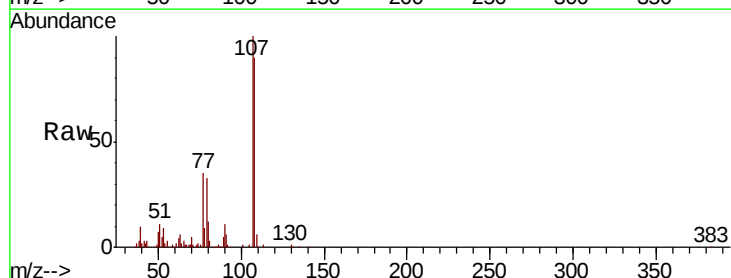
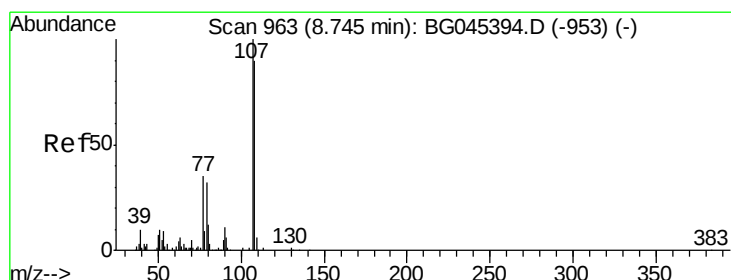
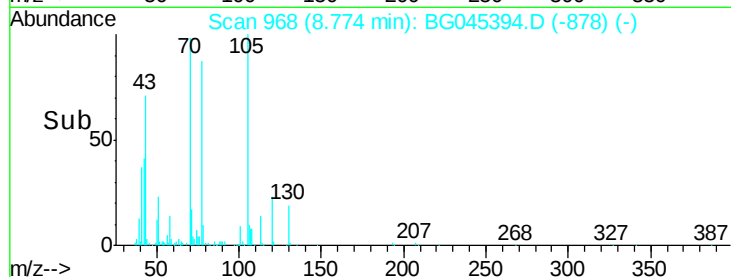
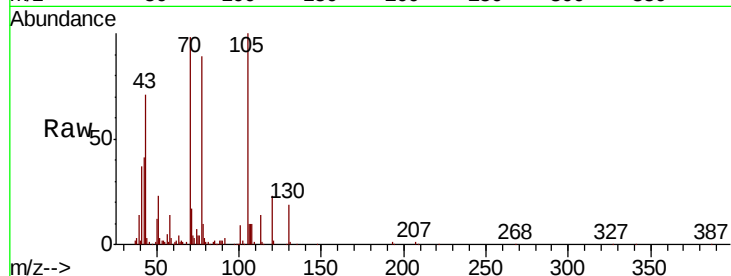
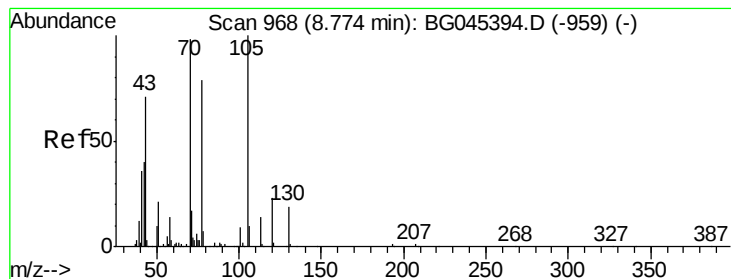
Abundance

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: 32.381 ng

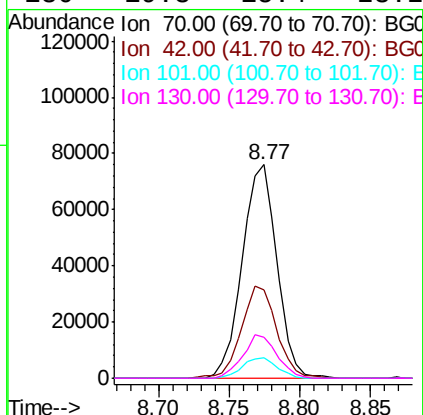
RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.2	49.8
101	9.7	7.8	11.6
130	19.3	15.4	23.2



Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

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#20

3+4-Methylphenols

Concen: 32.454 ng

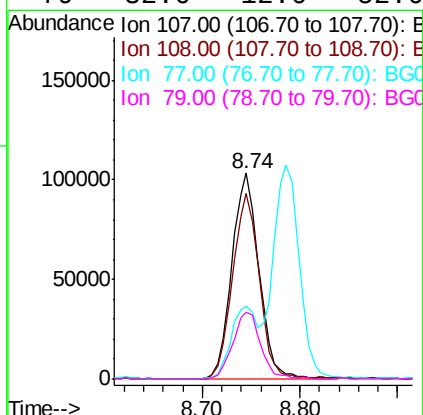
RT: 8.74 min Scan# 963

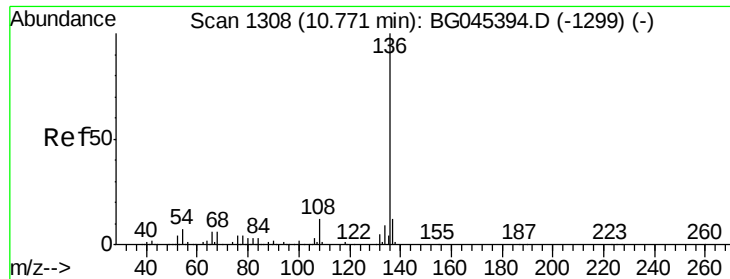
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	35.4	15.4	55.4
79	32.6	12.6	52.6





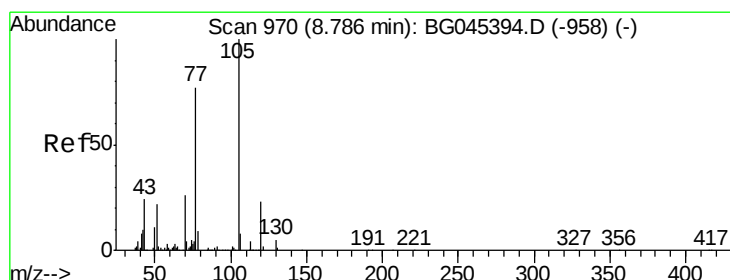
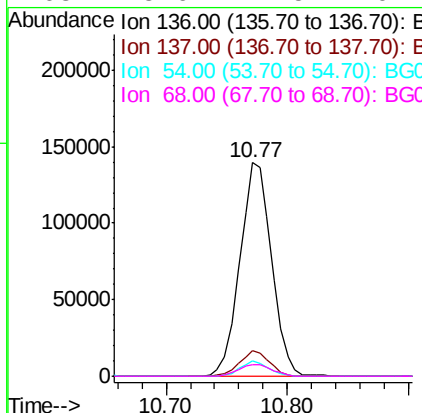
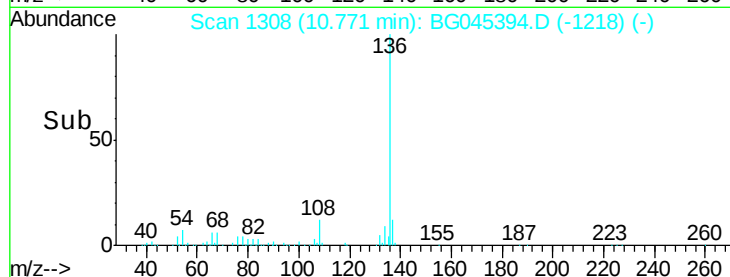
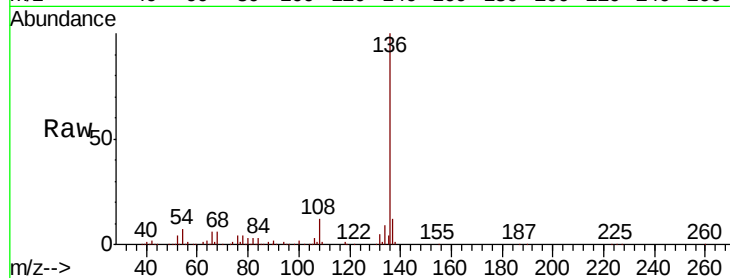
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		254392		
137	11.8	9.4	14.2		
54	7.2	5.8	8.6		
68	5.6	4.5	6.7		

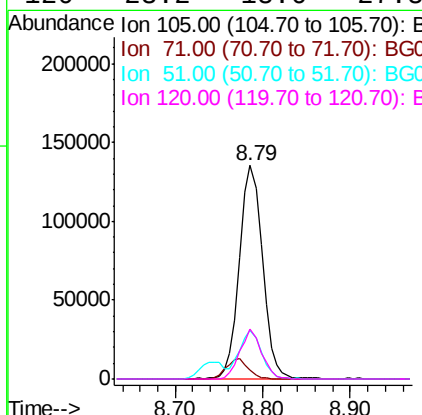
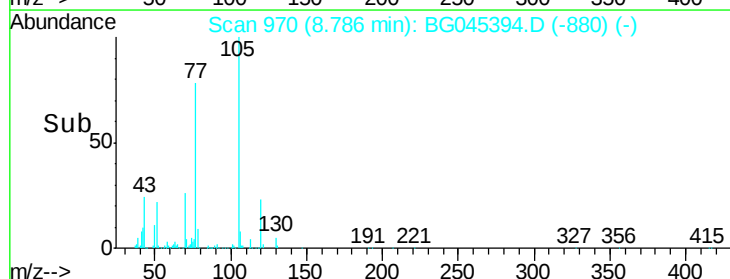
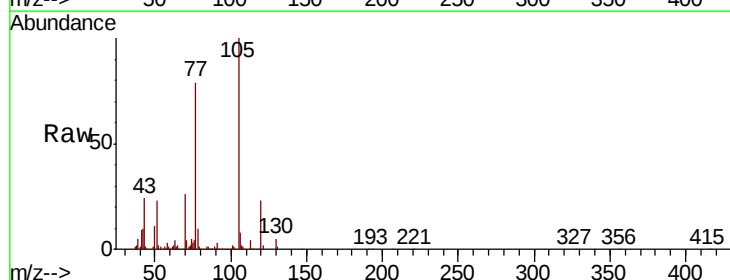
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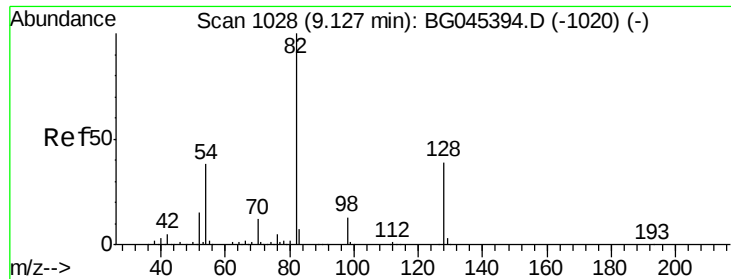
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#22
Acetophenone
Concen: 35.301 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		242848		
71	4.2	3.4	5.0		
51	22.7	18.2	27.2		
120	23.2	18.6	27.8		





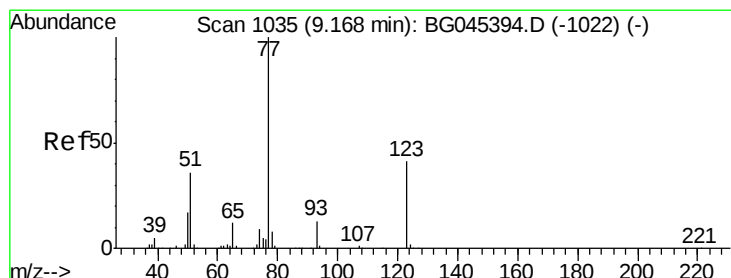
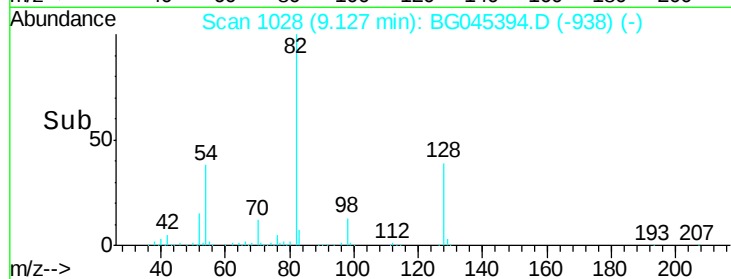
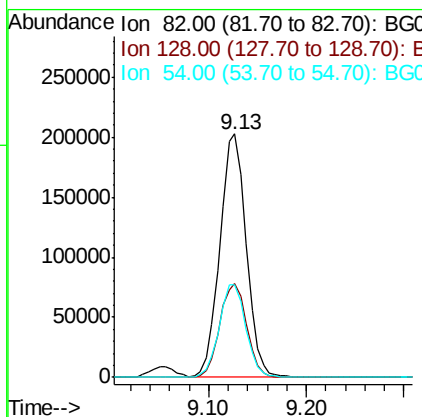
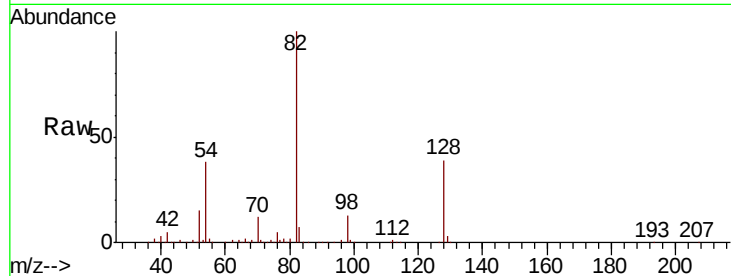
#23
 Nitrobenzene-d5
 Concen: 67.779 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	377884		
128	38.6		30.9	46.3
54	37.9		30.3	45.5

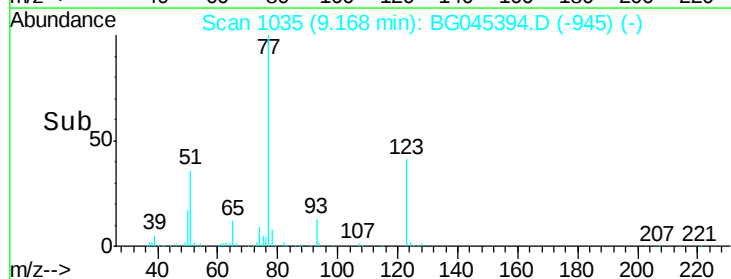
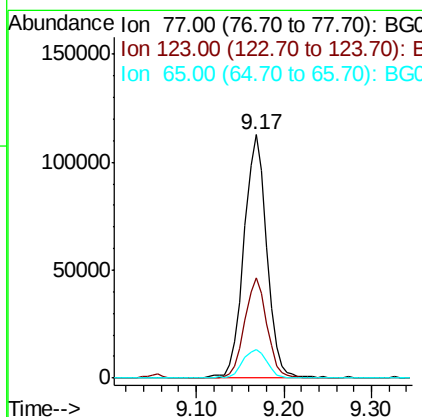
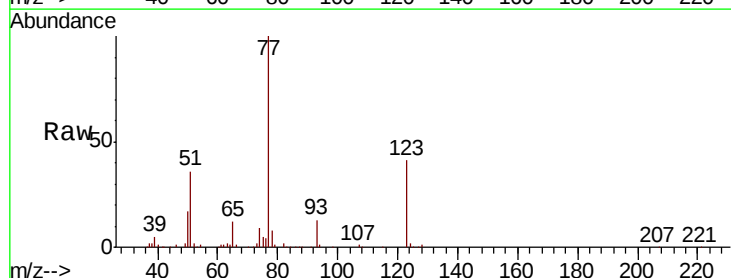
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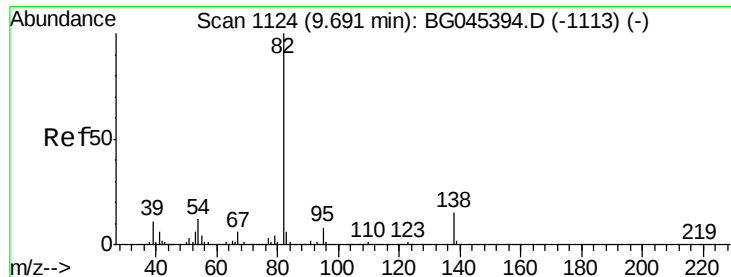
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#24
 Nitrobenzene
 Concen: 34.492 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	197119		
123	41.1		32.9	49.3
65	11.8		9.4	14.2





#25

Isophorone

Concen: 32.830 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

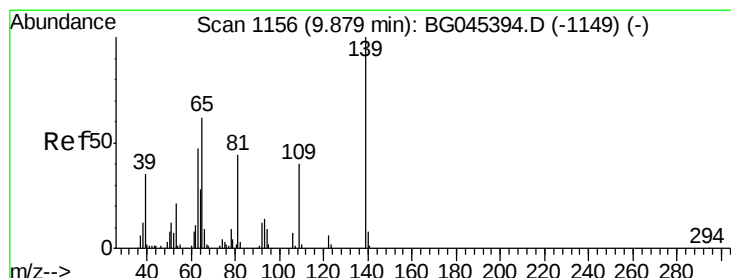
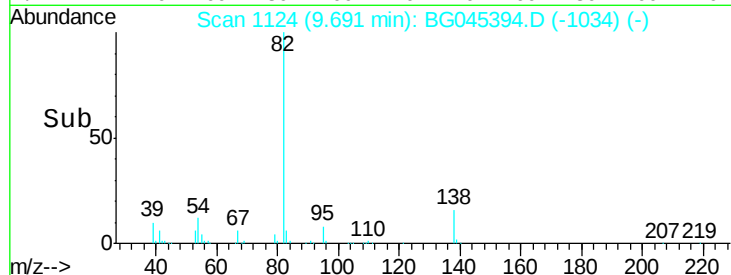
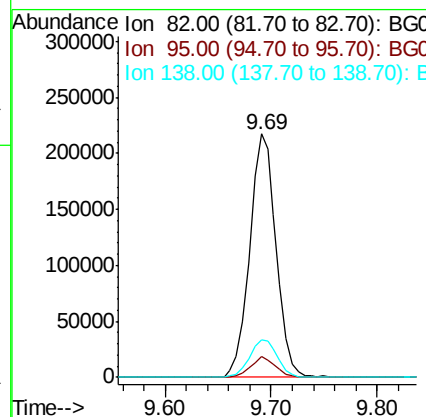
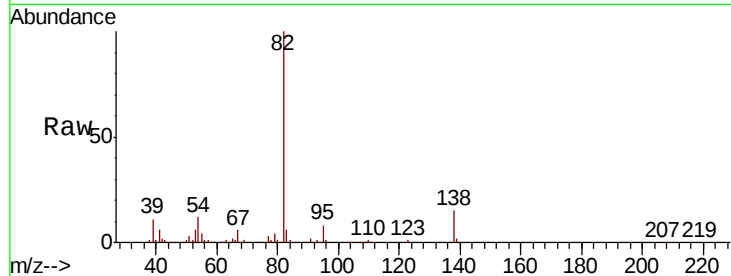
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	374830
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.7	10.1
138	15.3	12.2	18.4

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#26

2-Nitrophenol

Concen: 34.827 ng

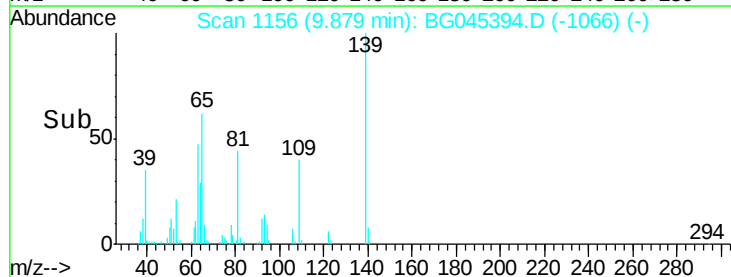
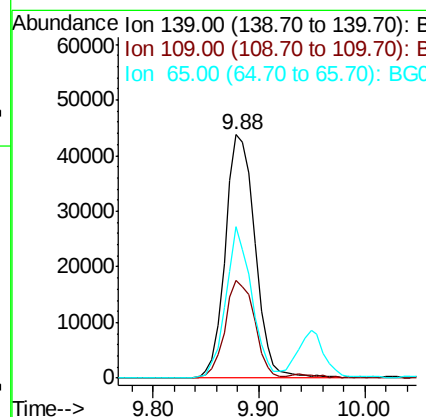
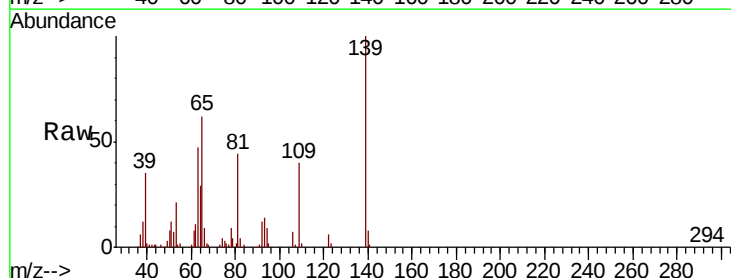
RT: 9.88 min Scan# 1156

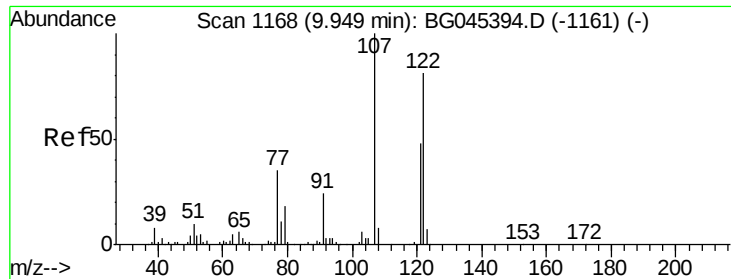
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	139	Resp:	85732
Ion Ratio	Lower	Upper	
139	100		
109	40.3	32.2	48.4
65	62.0	49.6	74.4





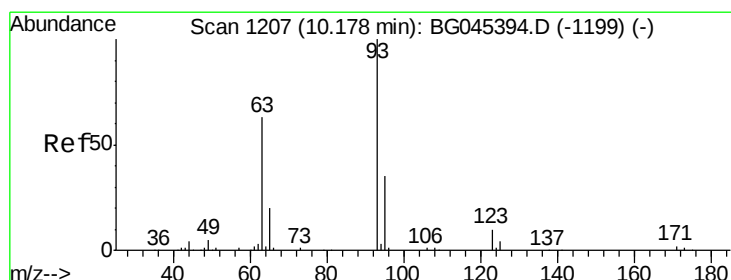
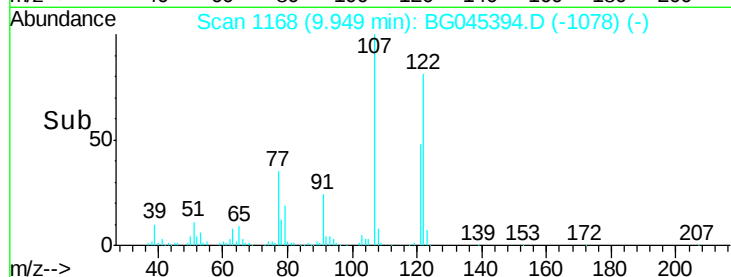
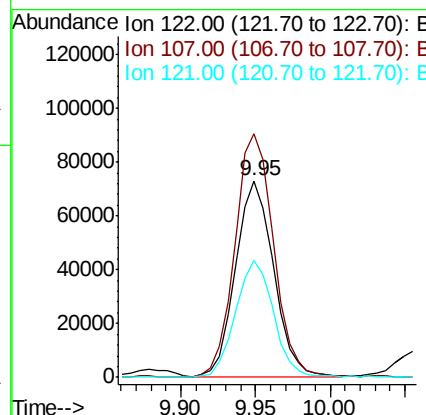
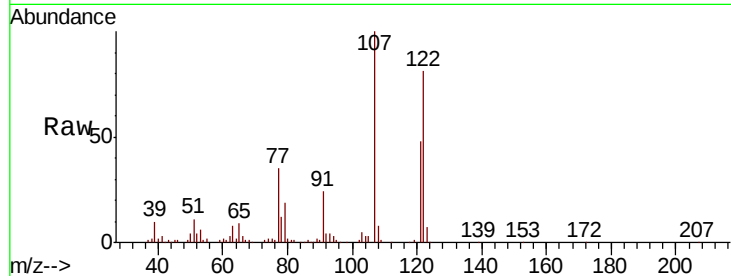
#27
2,4-Dimethylphenol
Concen: 33.067 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	129158		
107	123.7	99.0	148.4	
121	59.6	47.7	71.5	

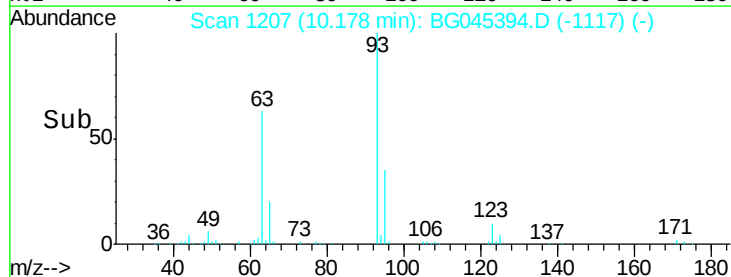
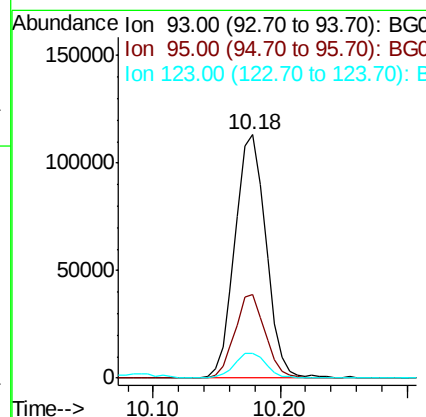
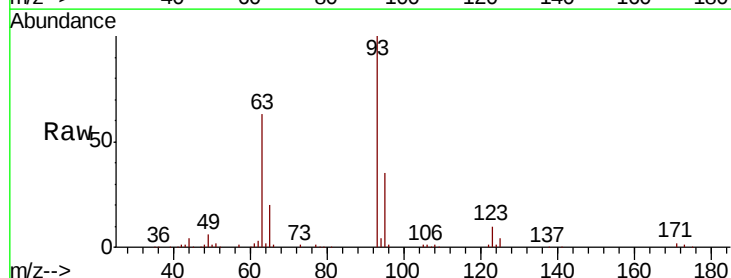
Manual Integrations
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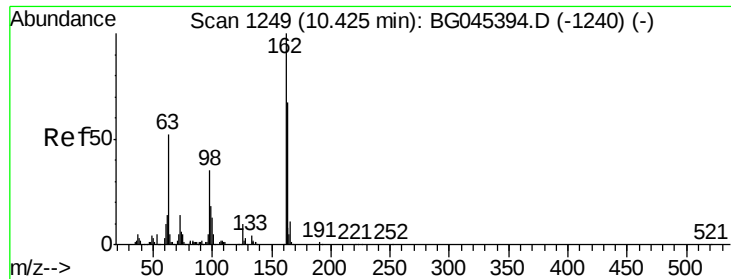
mohammad
5/18/2020 1:19:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 32.028 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192129		
95	34.5	27.6	41.4	
123	10.1	8.1	12.1	





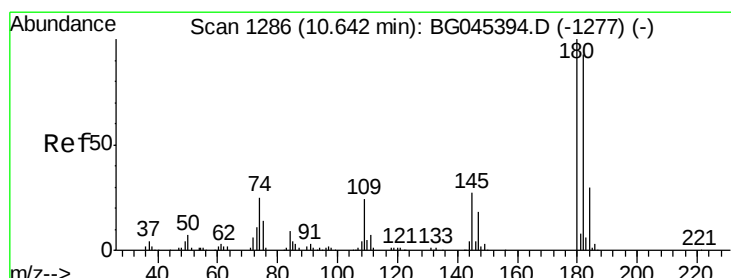
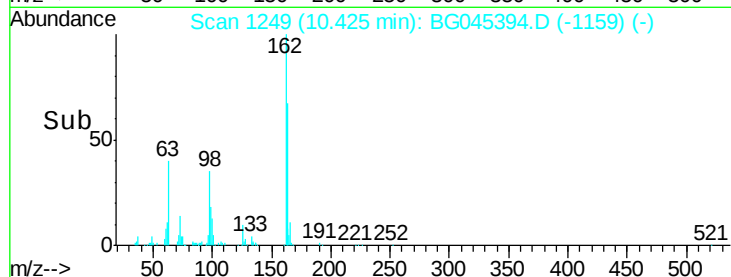
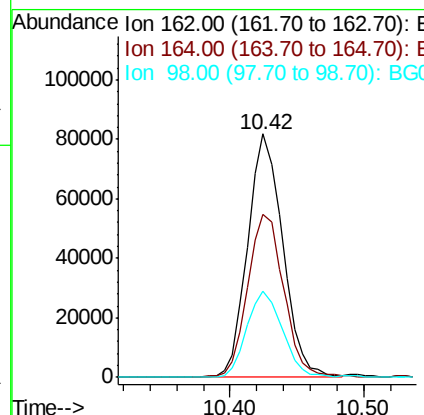
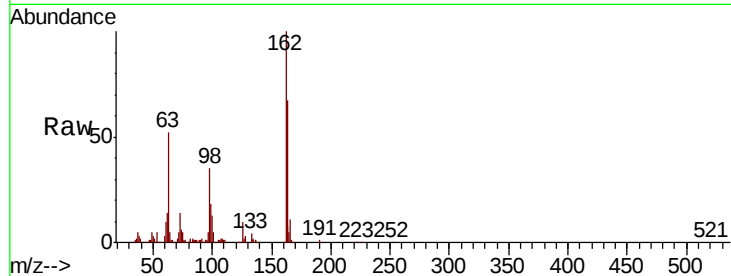
#29
 2,4-Dichlorophenol
 Concen: 32.954 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148627		
164	66.8	46.8	86.8	
98	35.2	15.2	55.2	

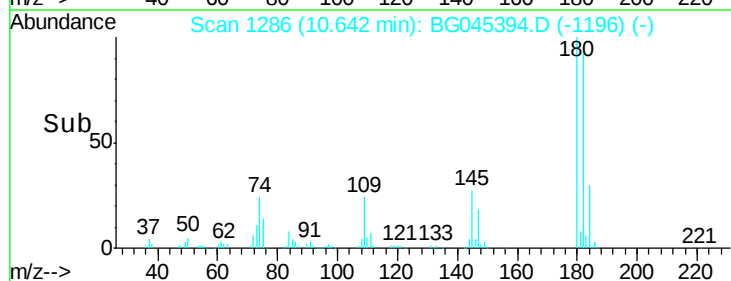
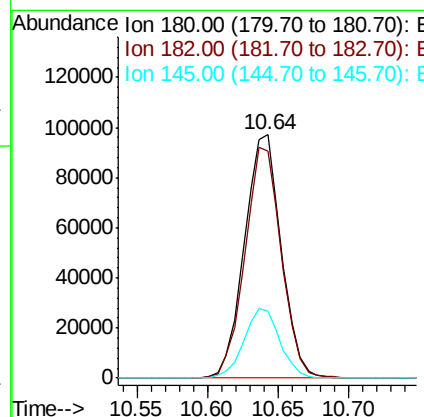
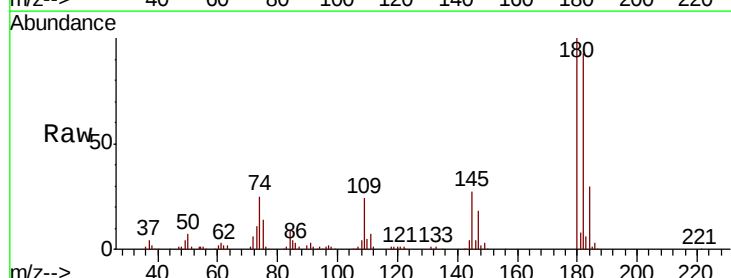
Manual Integrations
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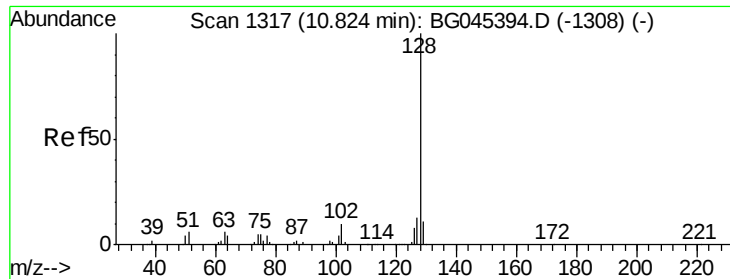
mohammad
 5/18/2020 1:19:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.626 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	176815		
182	93.5	74.8	112.2	
145	27.4	21.9	32.9	





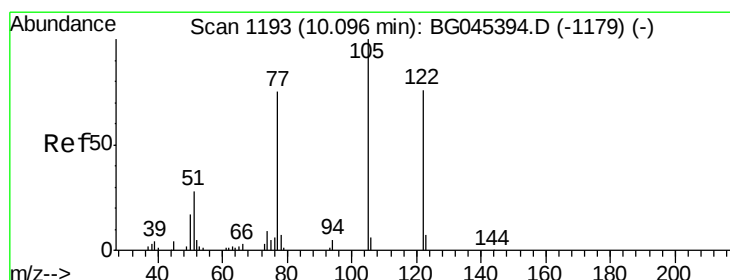
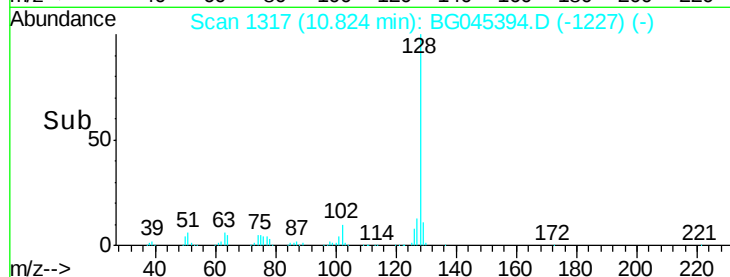
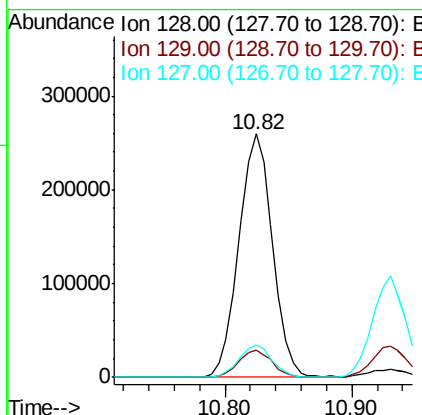
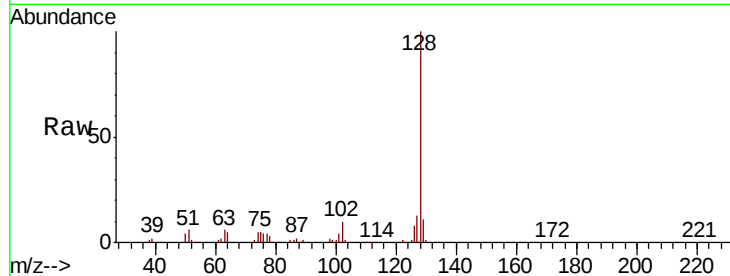
#31
Naphthalene
Concen: 34.173 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.7	16.1

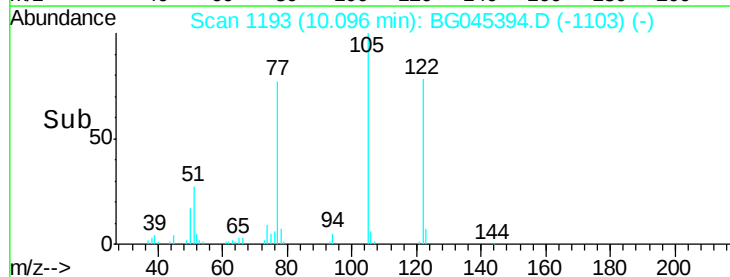
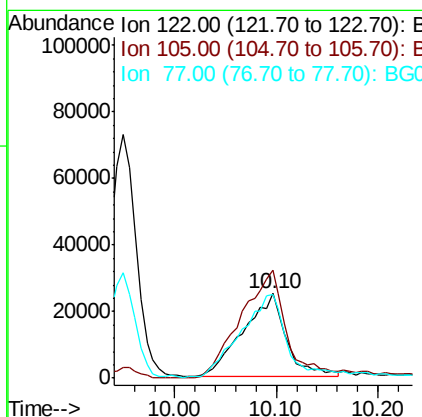
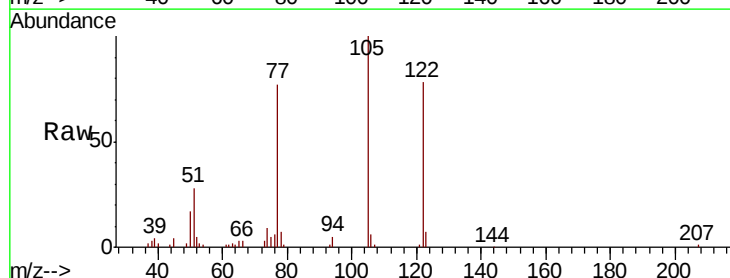
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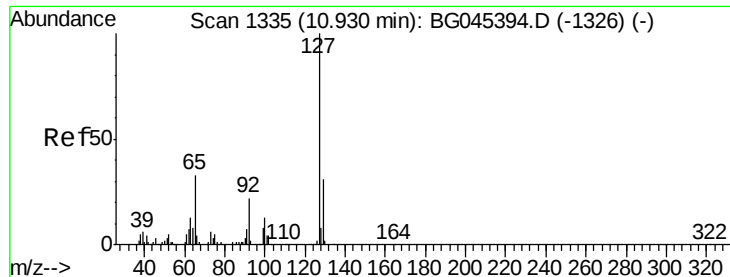
mohammad
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#32
Benzoic acid
Concen: 24.653 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	107.9	147.9
77	98.9	78.9	118.9





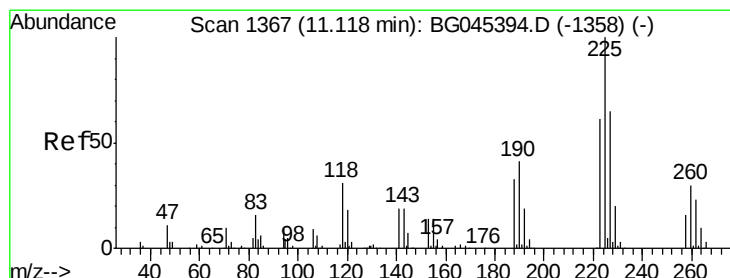
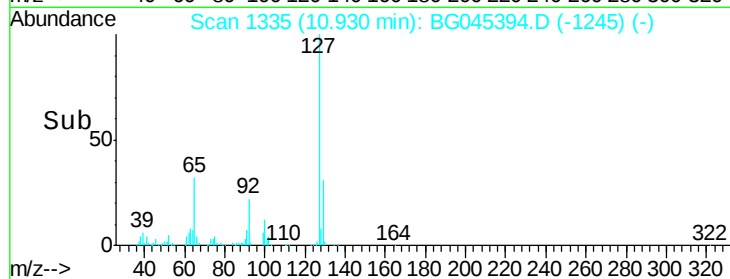
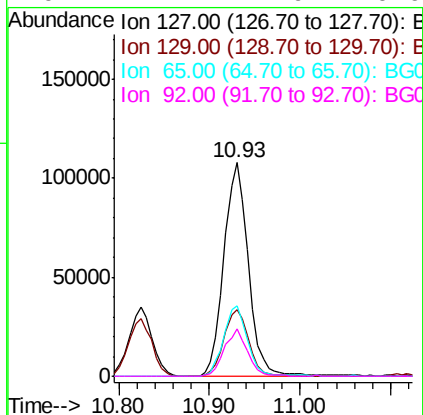
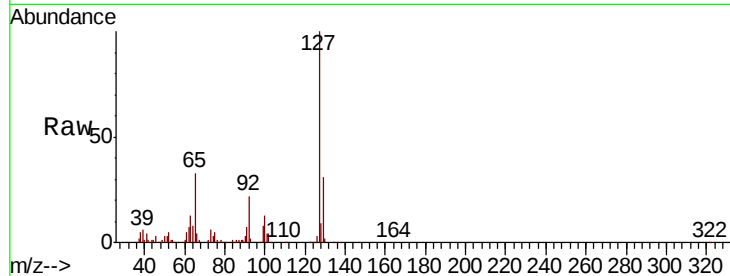
#33
4-Chloroaniline
Concen: 31.244 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.7	37.1
65	32.7	26.2	39.2
92	22.4	17.9	26.9

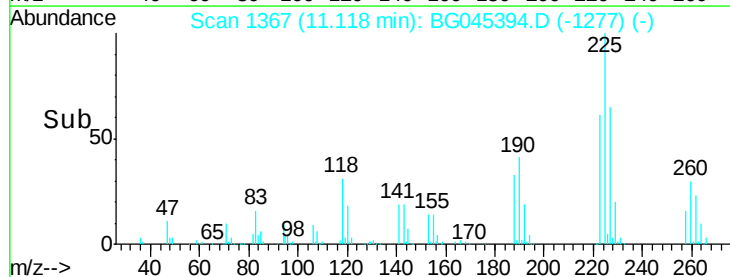
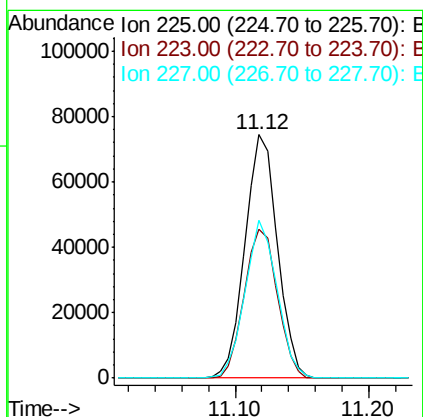
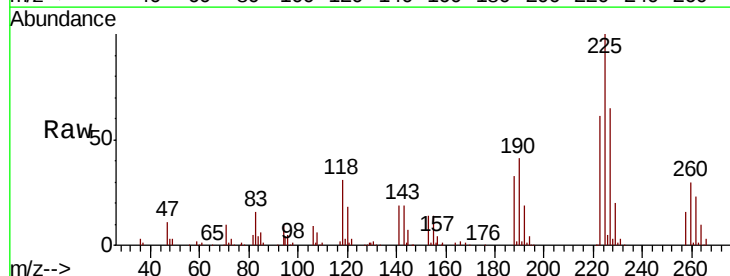
Manual Integrations
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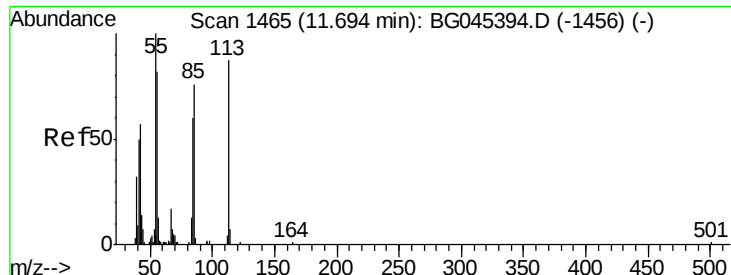
mohammad
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#34
Hexachlorobutadiene
Concen: 35.679 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	65.0	52.0	78.0





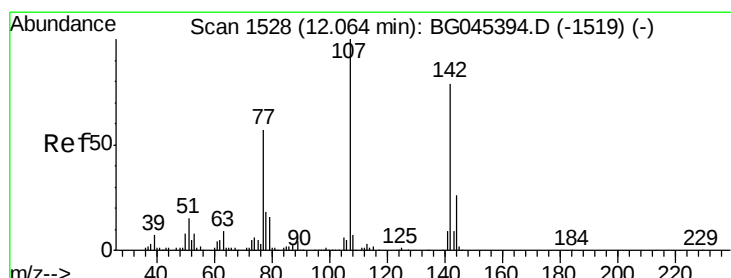
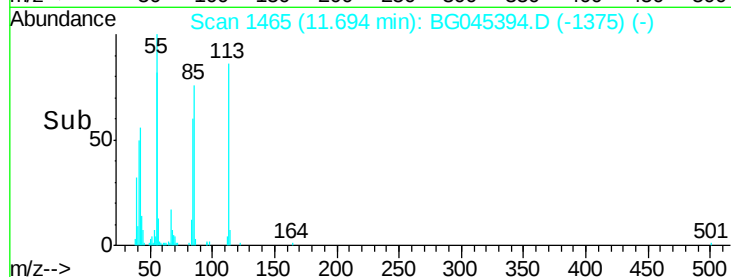
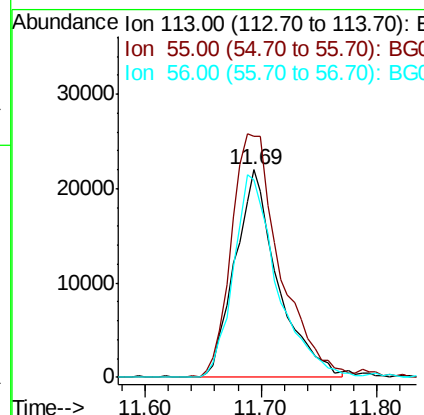
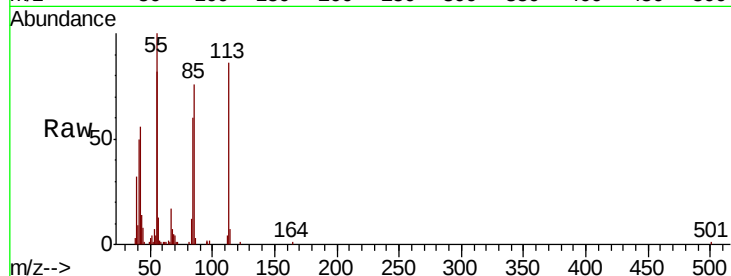
#35
Caprolactam
Concen: 31.732 ng
RT: 11.69 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	116.0	96.0	136.0
56	95.1	75.1	115.1

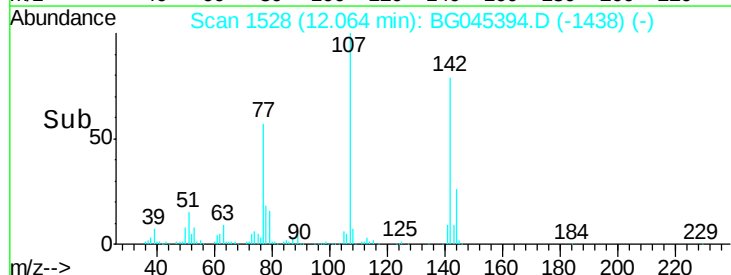
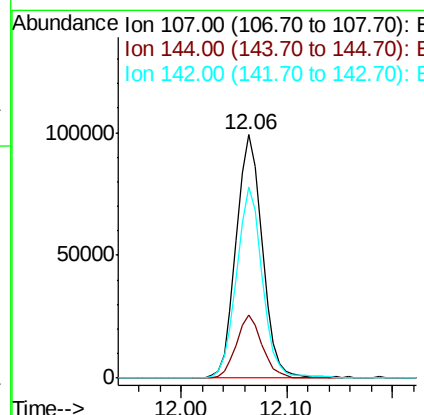
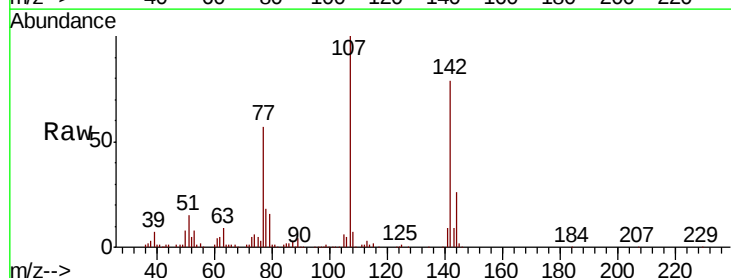
Manual Integrations
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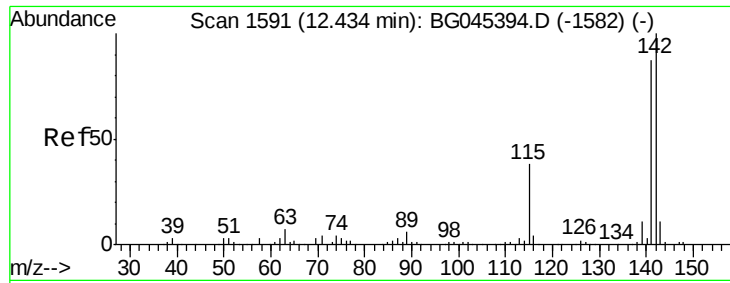
mohammad
5/18/2020 1:19:55 PM



#36
4-Chloro-3-methylphenol
Concen: 32.169 ng
RT: 12.06 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.8	31.2
142	78.5	62.8	94.2





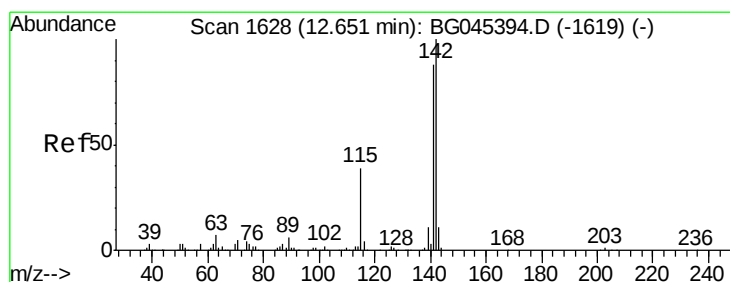
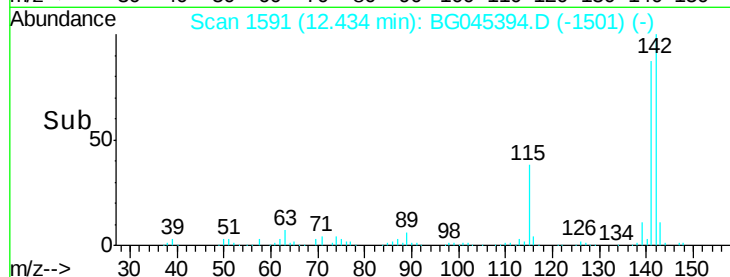
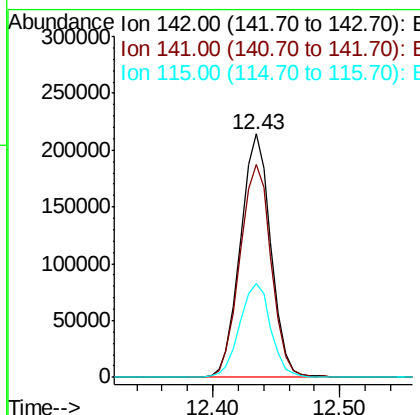
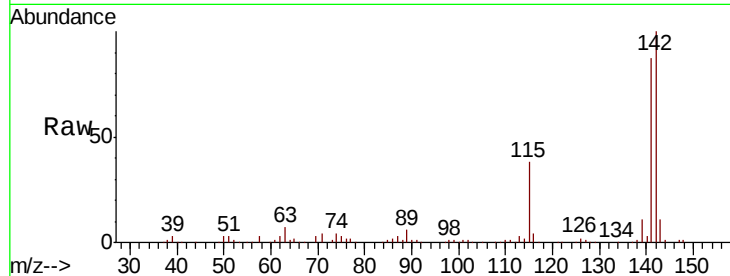
#37
2-Methylnaphthalene
Concen: 33.091 ng
RT: 12.43 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	38.5	30.8	46.2

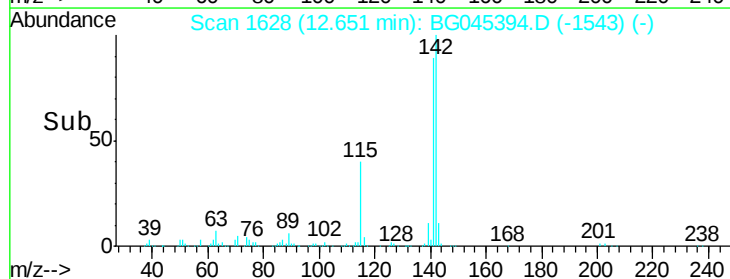
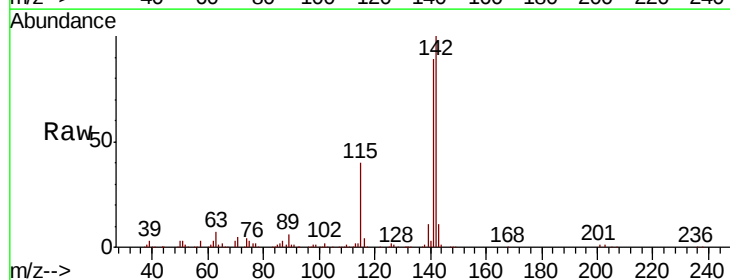
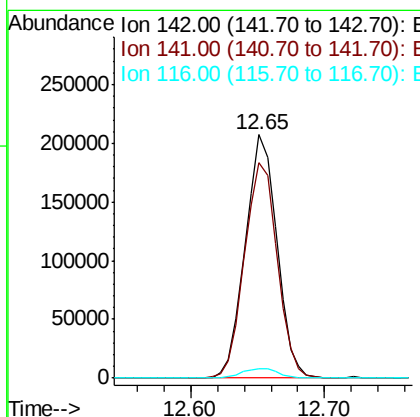
Manual Integrations
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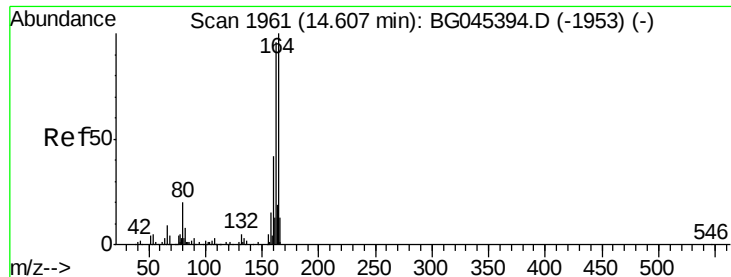
mohammad
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#38
1-Methylnaphthalene
Concen: 33.258 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
116	3.8	3.0	4.6





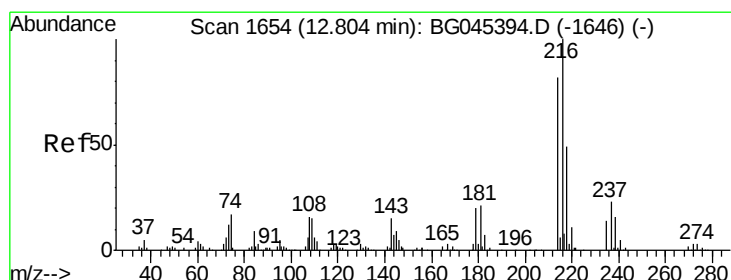
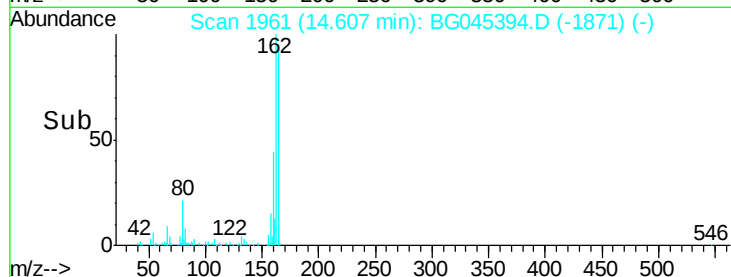
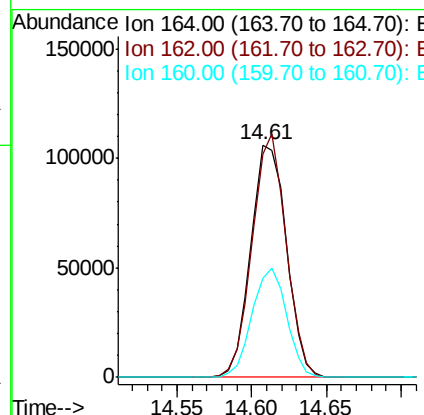
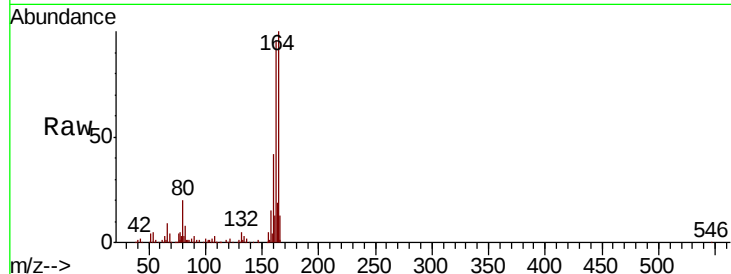
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.1	76.9	115.3
160	42.3	33.8	50.8

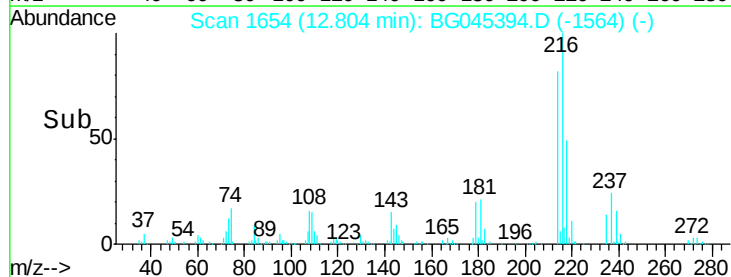
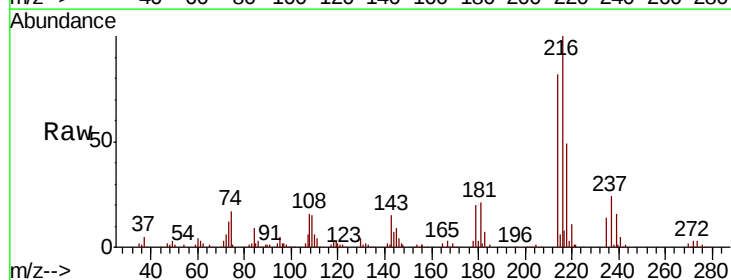
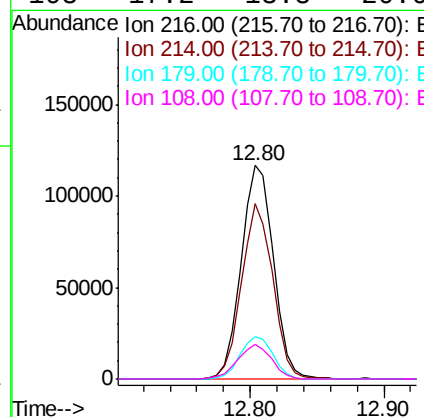
Manual Integrations
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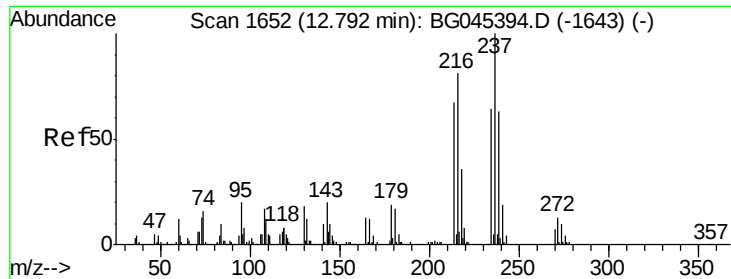
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.496 ng
RT: 12.80 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	20.1	16.1	24.1
108	17.2	13.8	20.6





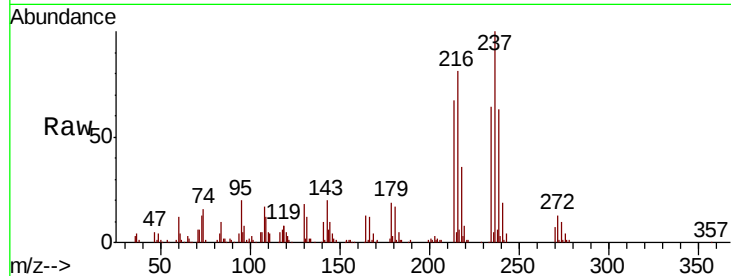
#41
Hexachlorocyclopentadiene
Concen: 32.278 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

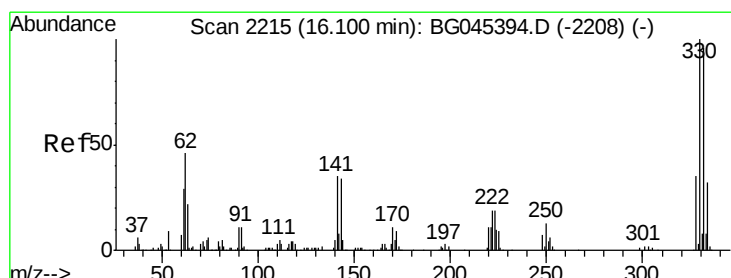
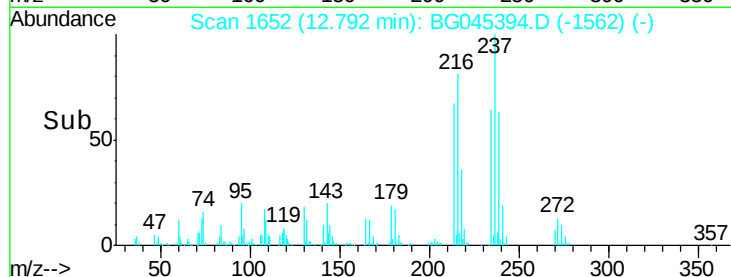
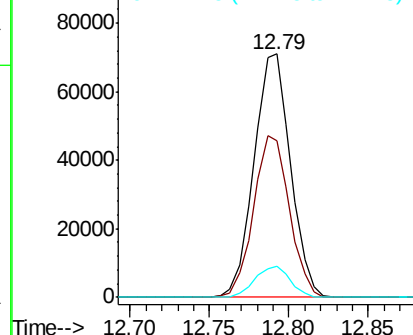
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.4	84.4
272	12.5	0.0	32.5

Manual Integrations
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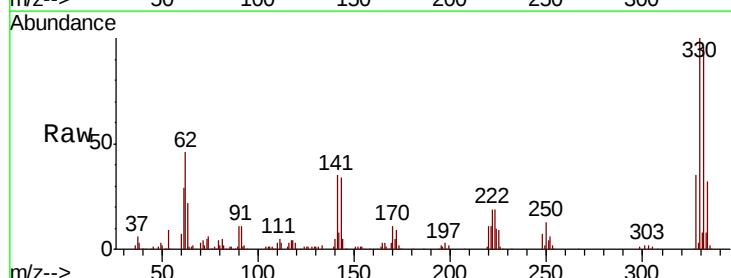


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

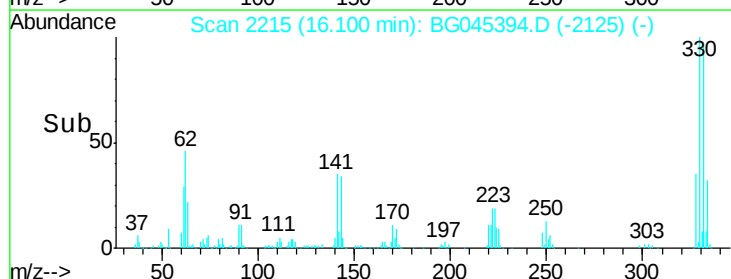
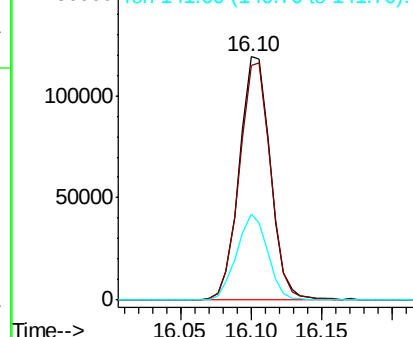


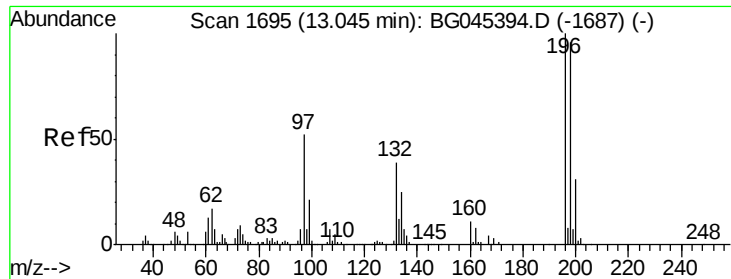
#42
2,4,6-Tribromophenol
Concen: 67.840 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.8	78.2	117.4
141	35.3	28.2	42.4



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





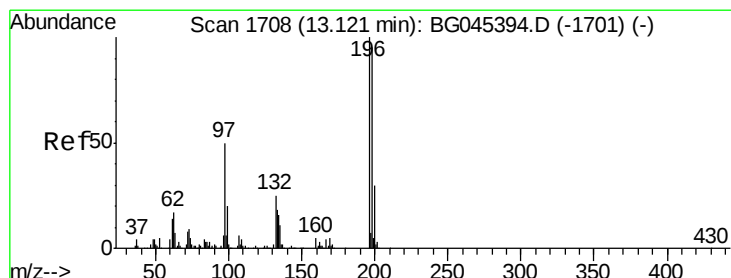
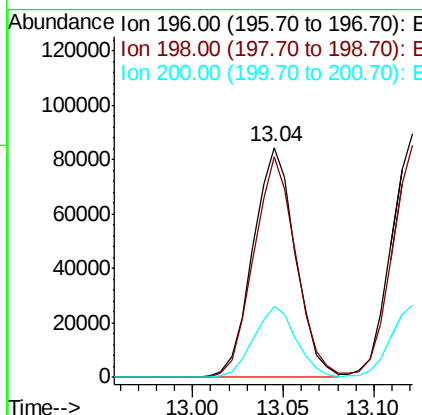
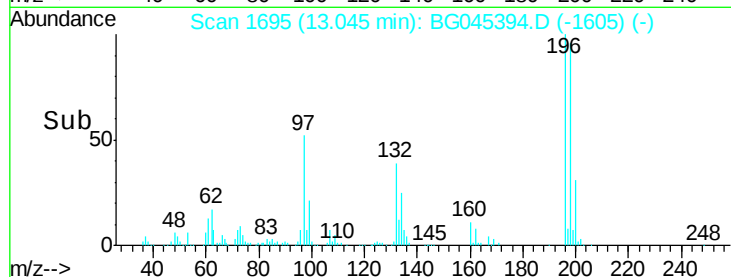
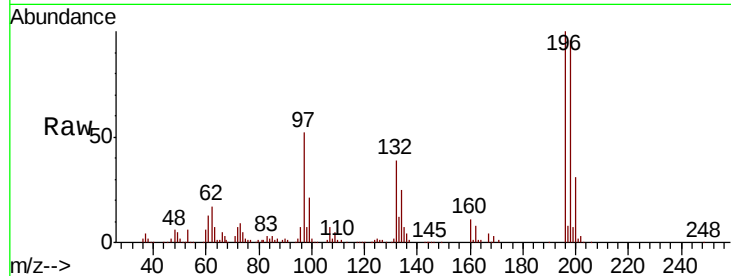
#43
 2,4,6-Trichlorophenol
 Concen: 34.666 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion:	196	Resp:	137892
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.7	115.1
200	31.1	24.9	37.3

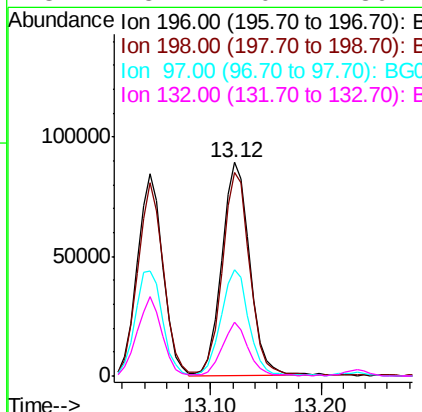
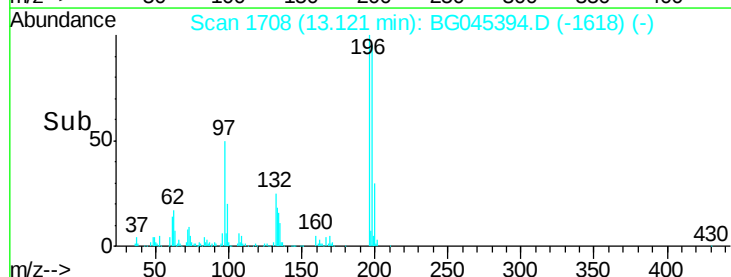
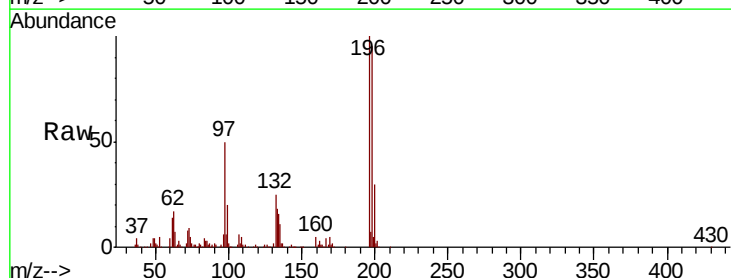
Manual Integrations
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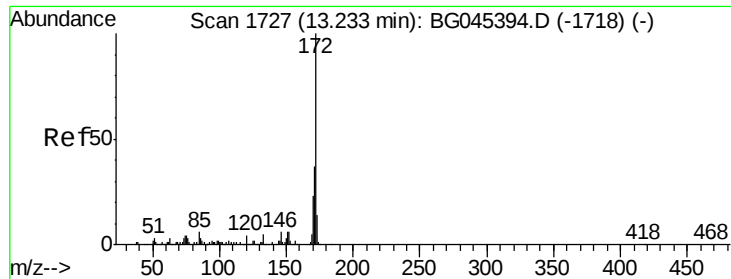
mohammad
 5/18/2020 1:19:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.975 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion:	196	Resp:	158353
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.1	114.1
97	50.0	40.0	60.0
132	25.2	20.2	30.2





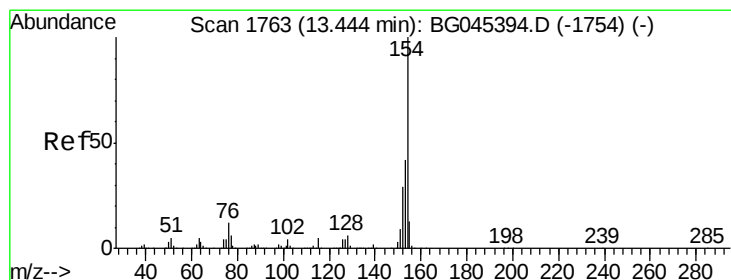
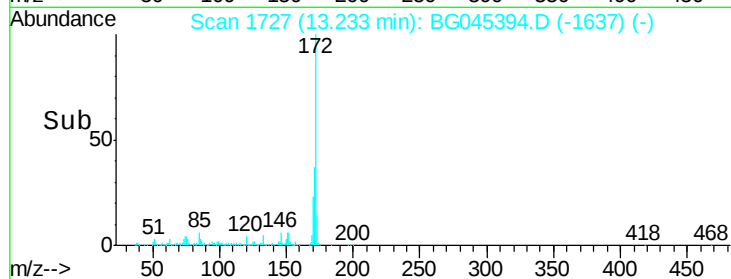
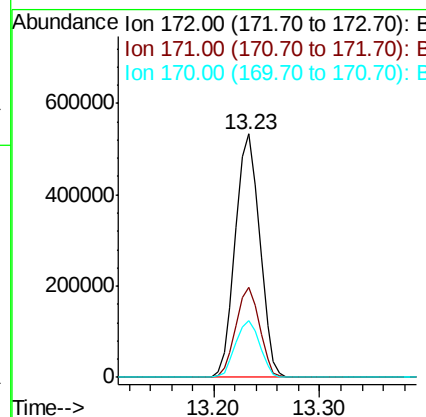
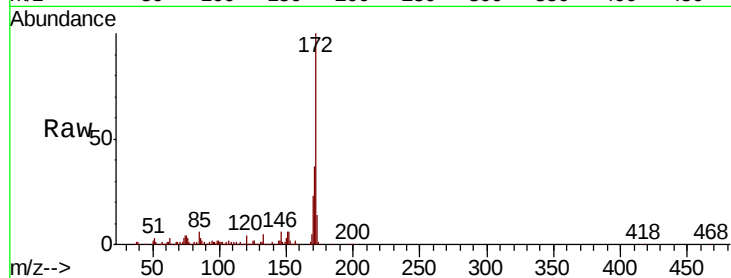
#45
2-Fluorobiphenyl
Concen: 71.247 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	23.1	18.5	27.7

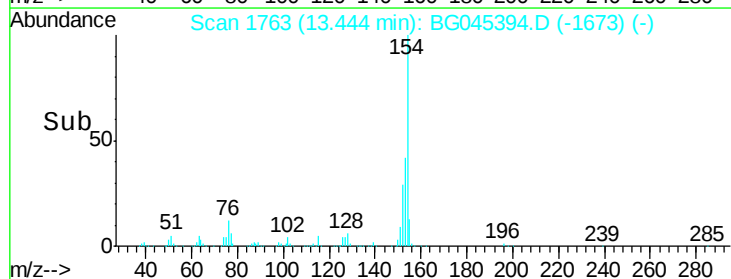
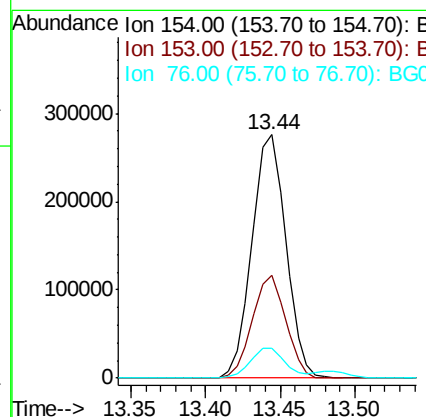
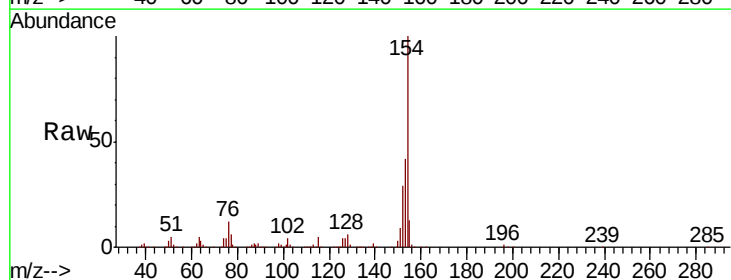
Manual Integrations
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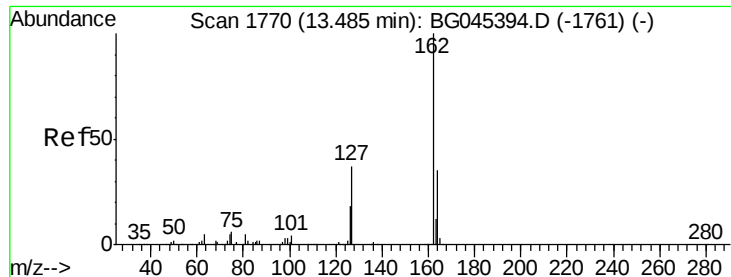
mohammad
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#46
1,1'-Biphenyl
Concen: 32.657 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.2	62.2
76	12.4	0.0	32.4





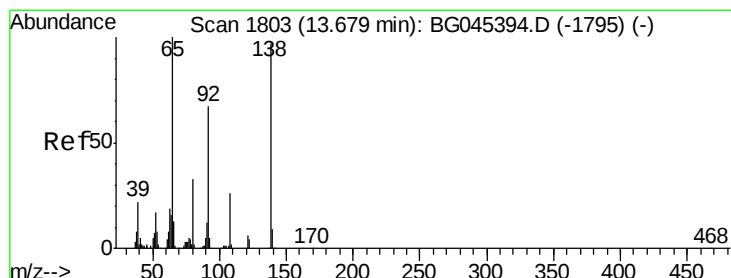
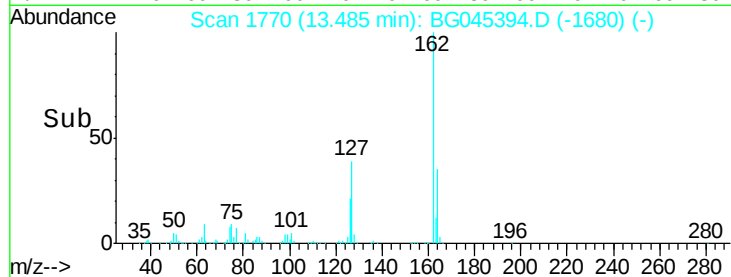
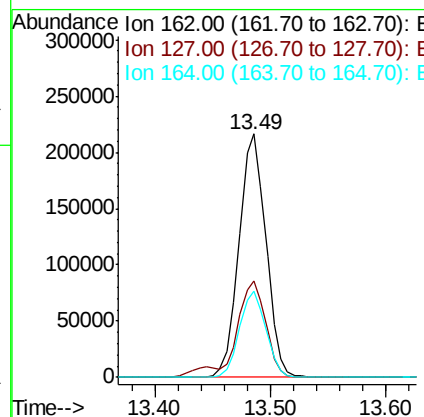
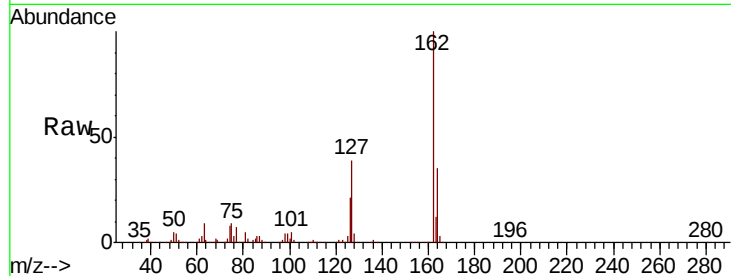
#47
2-Chloronaphthalene
Concen: 34.386 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	31.6	47.4	
164	35.1	28.1	42.1	

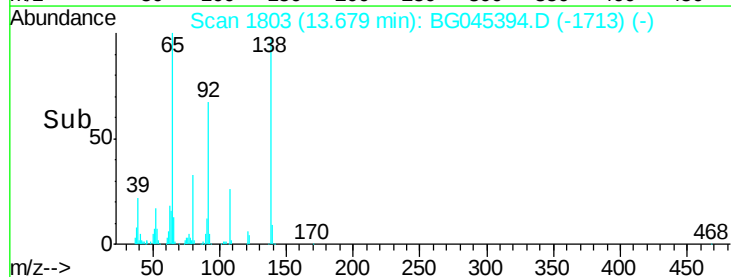
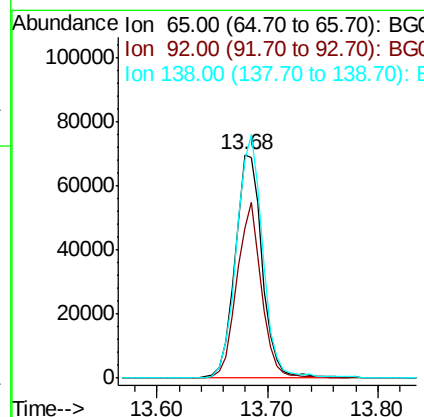
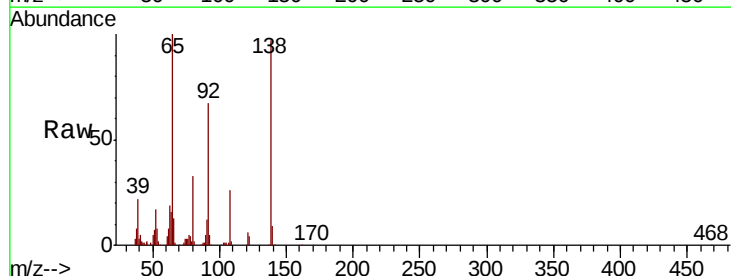
Manual Integrations
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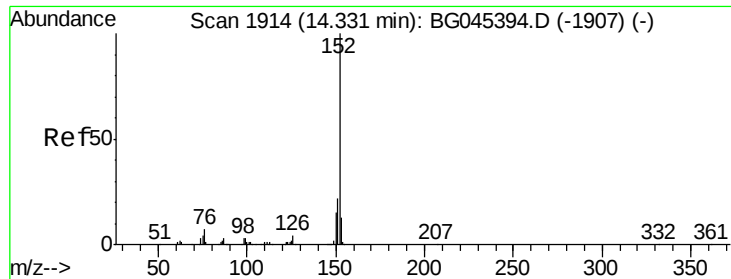
mohammad
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#48
2-Nitroaniline
Concen: 35.960 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.3	53.8	80.8	
138	97.4	77.9	116.9	





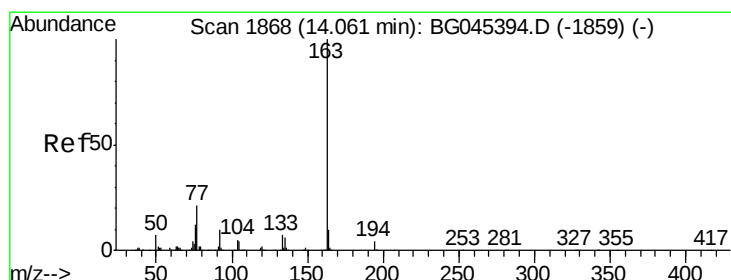
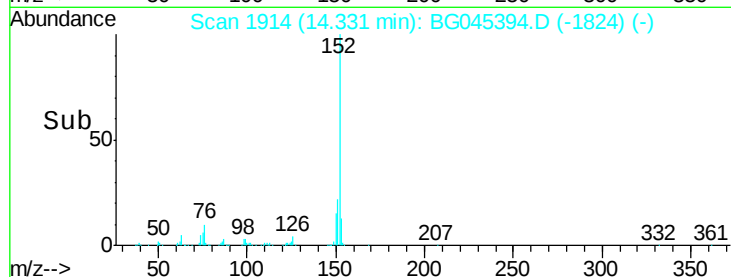
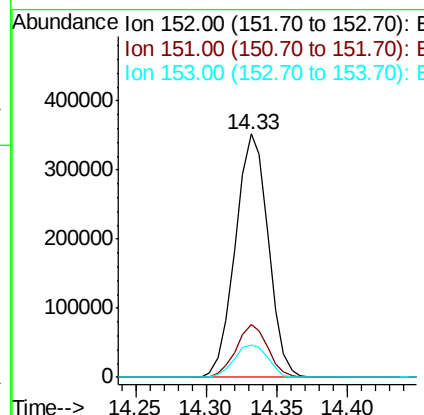
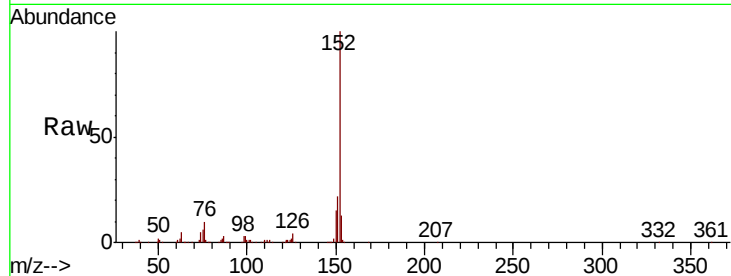
#49
Acenaphthylene
Concen: 34.407 ng
RT: 14.33 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
152	100	569748		
151	21.8		17.4	26.2
153	13.4		10.7	16.1

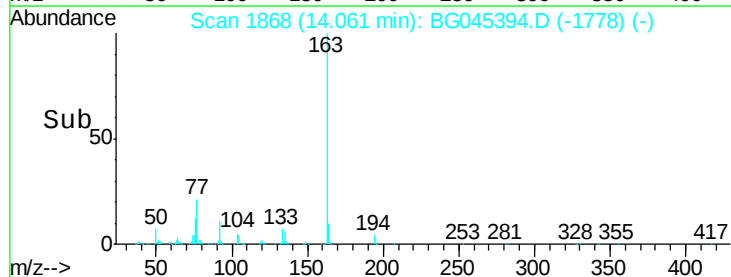
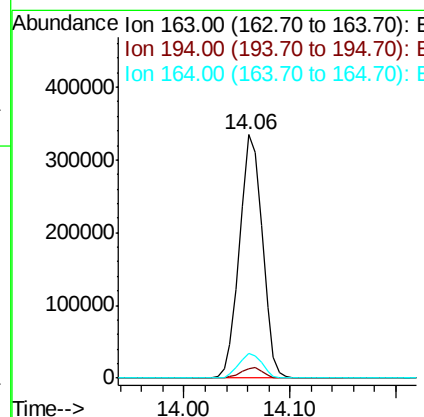
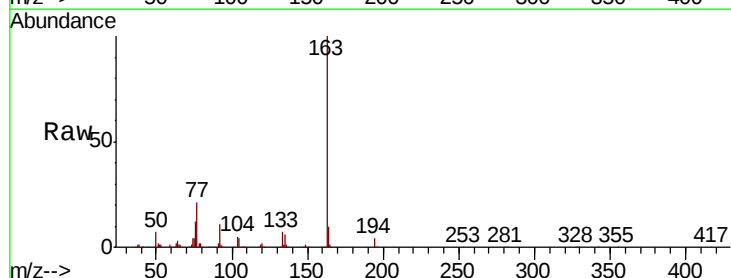
Manual Integrations
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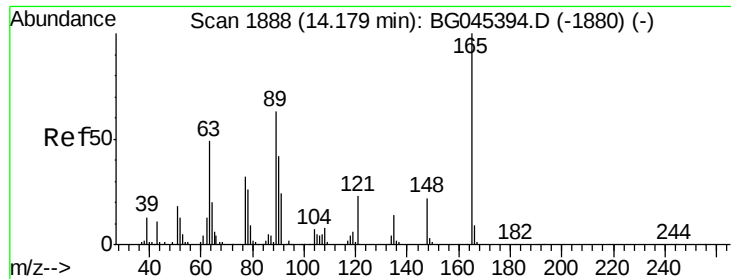
mohammad
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#50
Dimethylphthalate
Concen: 34.997 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	498820		
194	4.0		3.2	4.8
164	10.4		8.3	12.5





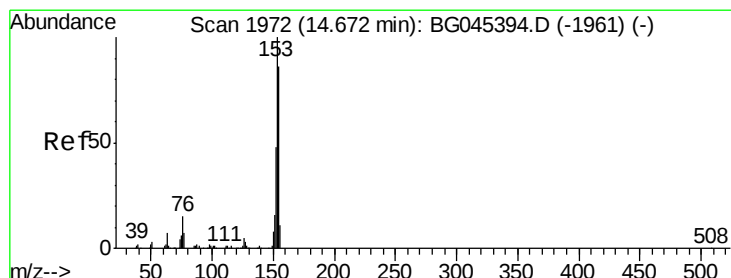
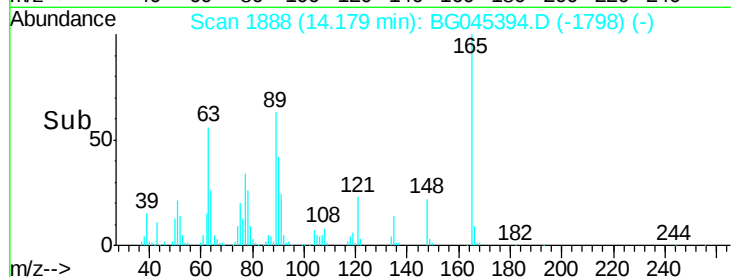
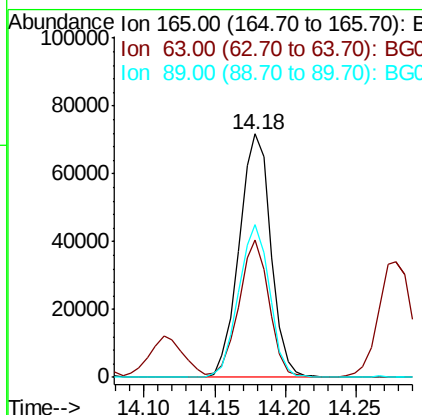
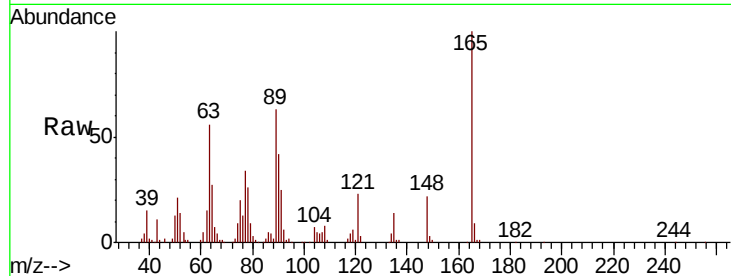
#51
2,6-Dinitrotoluene
Concen: 35.203 ng
RT: 14.18 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		112226		
63	56.2		45.0	67.4	
89	62.8		50.2	75.4	

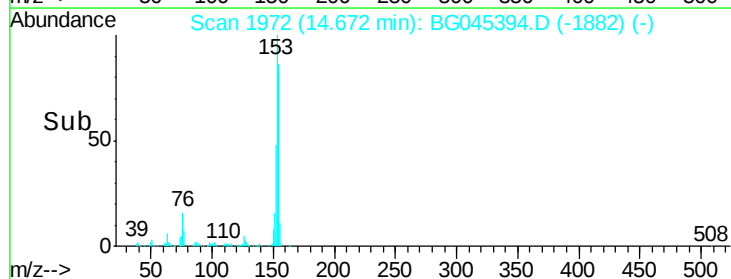
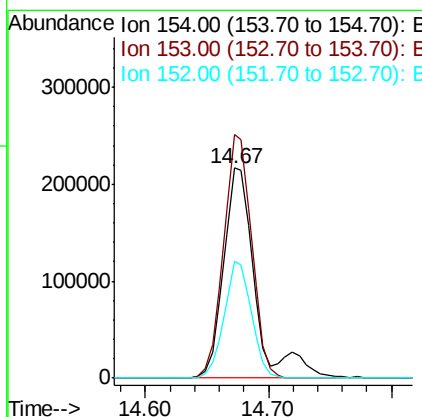
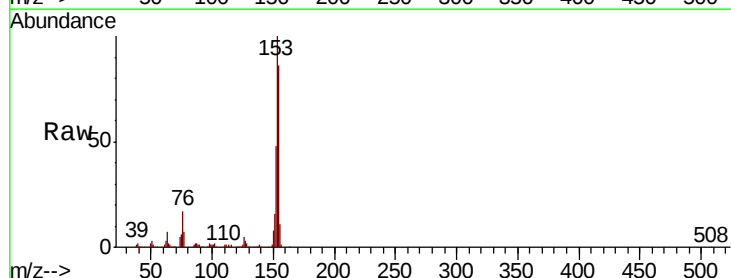
Manual Integrations
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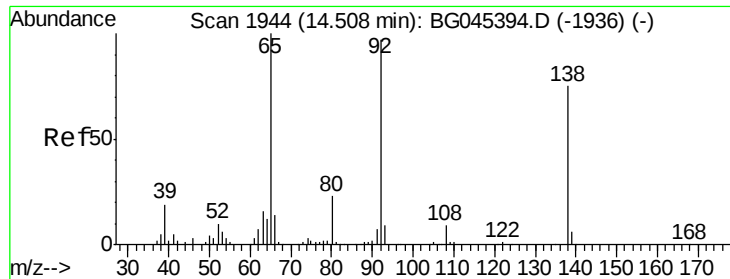
mohammad
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#52
Acenaphthene
Concen: 34.447 ng m
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		385939		
153	116.0		92.8	139.2	
152	55.7		44.6	66.8	





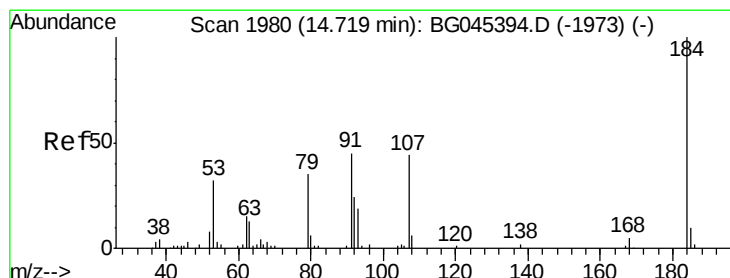
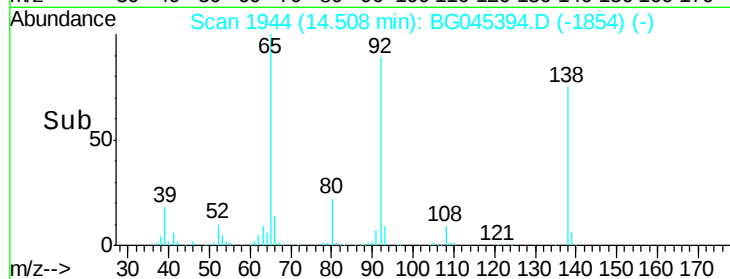
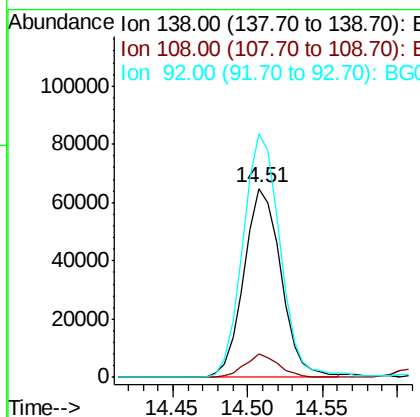
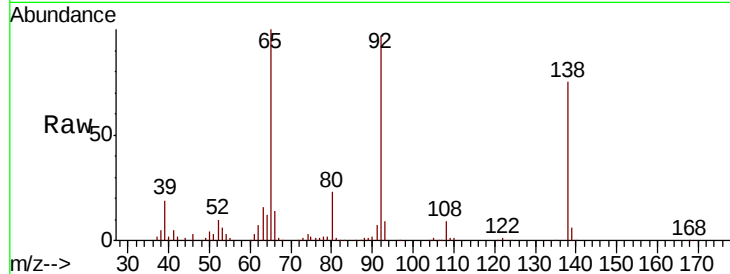
#53
3-Nitroaniline
Concen: 31.990 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.8	14.6
92	128.7	103.0	154.4

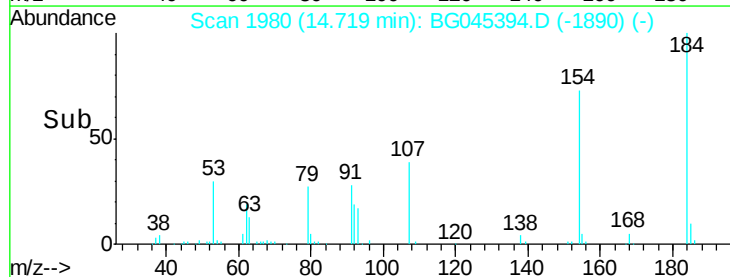
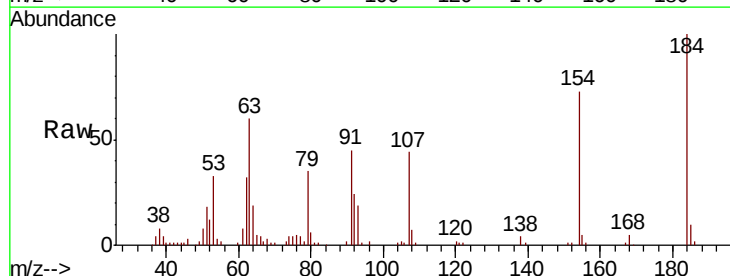
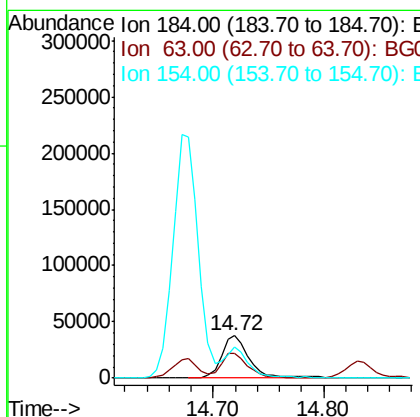
Manual Integrations
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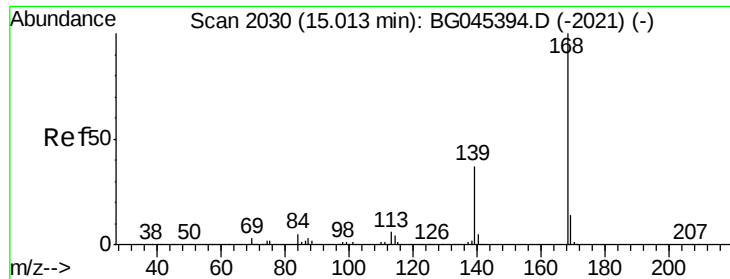
mohammad
5/18/2020 1:19:55 PM



#54
2,4-Dinitrophenol
Concen: 35.043 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	47.8	71.6
154	72.9	58.3	87.5





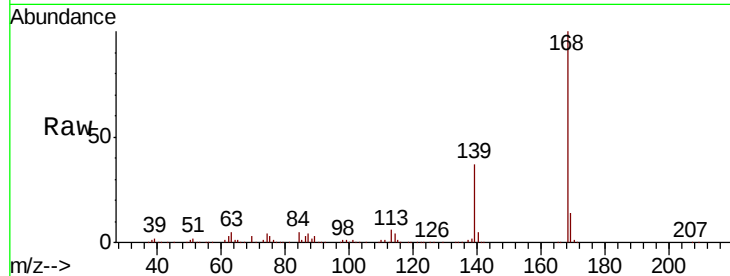
#55
Dibenzofuran
Concen: 35.204 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.9	44.9
169	13.6	10.9	16.3

Manual Integrations
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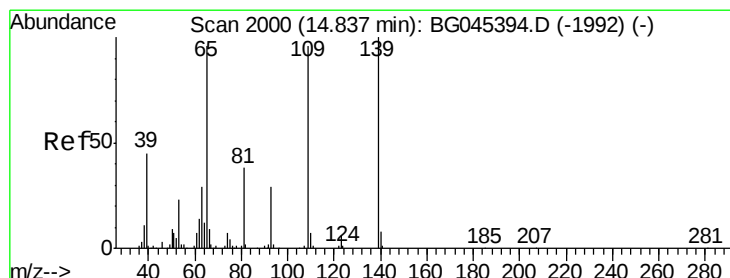
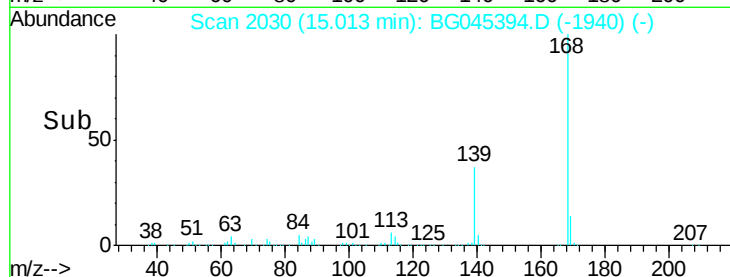
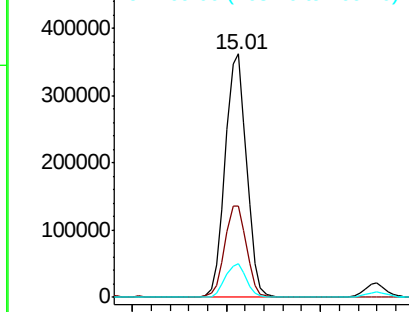


Abundance

Ion 168.00 (167.70 to 168.70): E

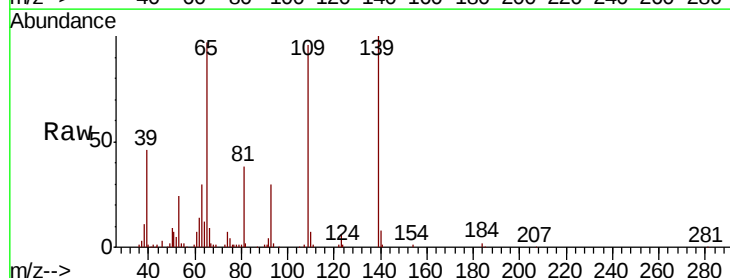
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 32.866 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.6	75.6	115.6
65	96.8	76.8	116.8

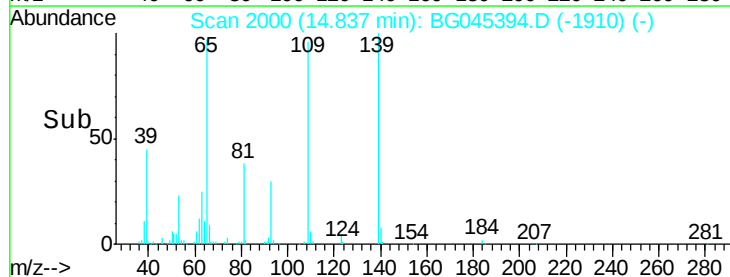
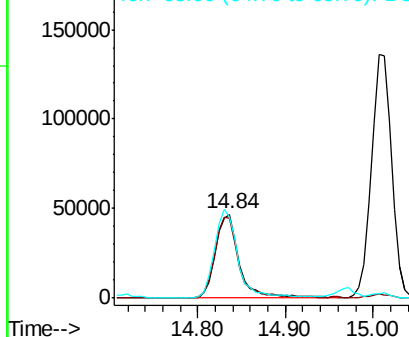


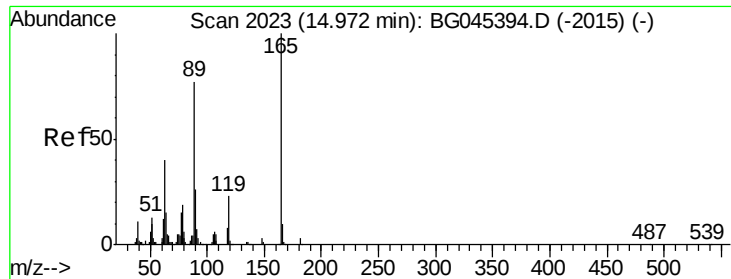
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





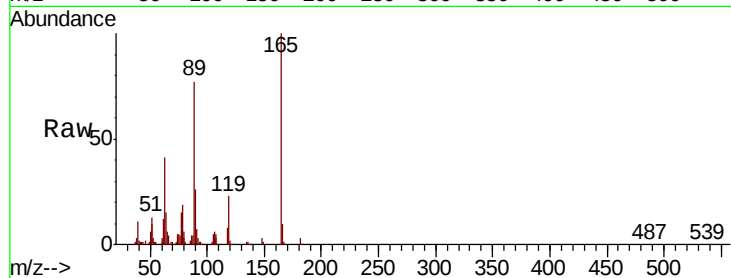
#57
2,4-Dinitrotoluene
Concen: 34.297 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	77.2	61.8	92.6
182	2.9	2.3	3.5

Manual Integrations
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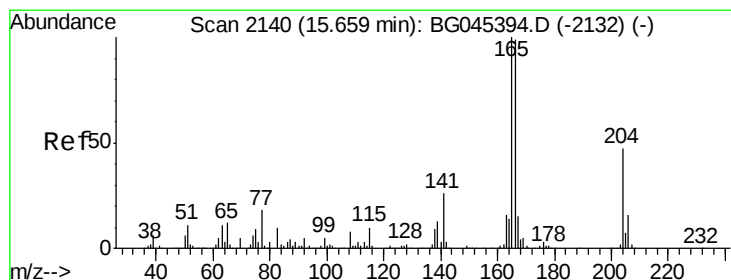
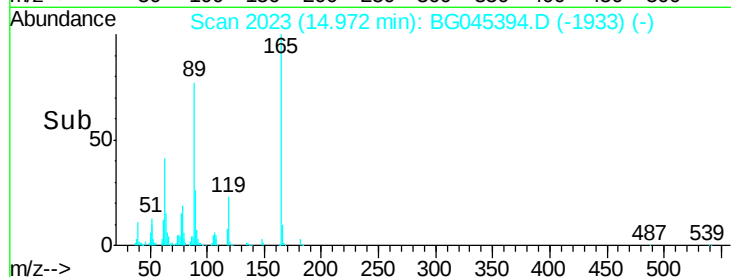
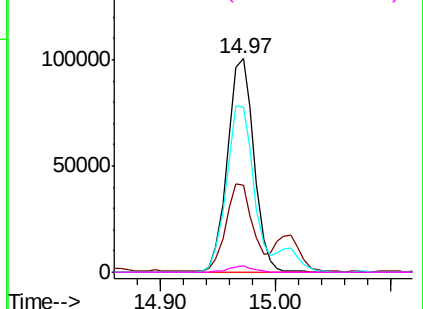
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

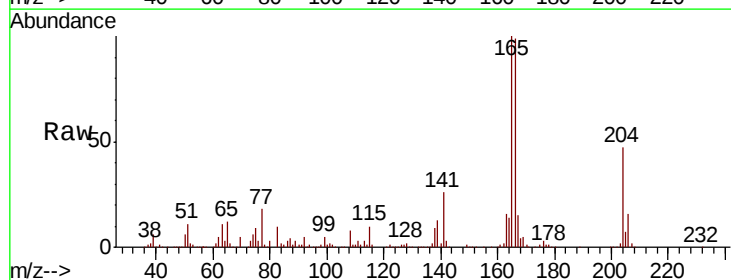
Ion 89.00 (88.70 to 89.70): B

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.279 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	80.8	121.2
167	15.0	12.0	18.0

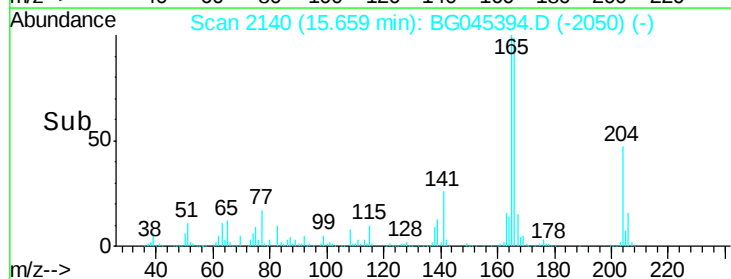
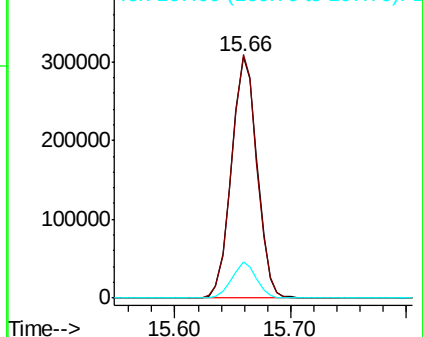


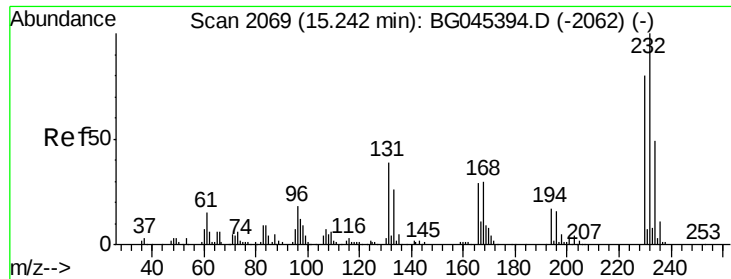
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





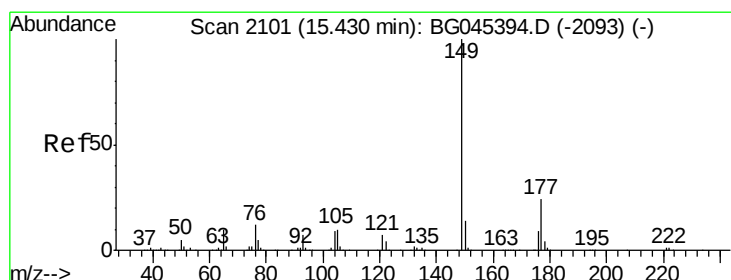
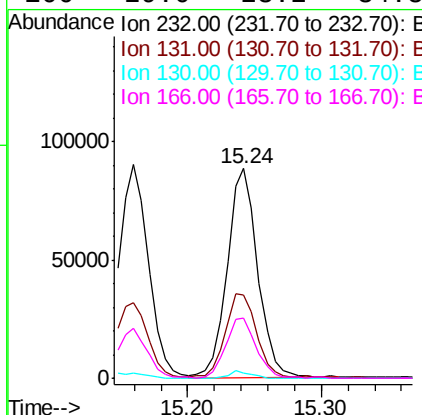
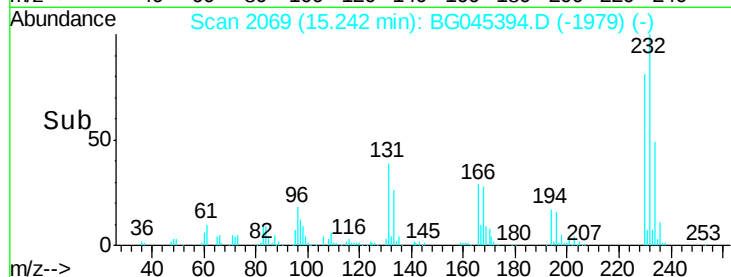
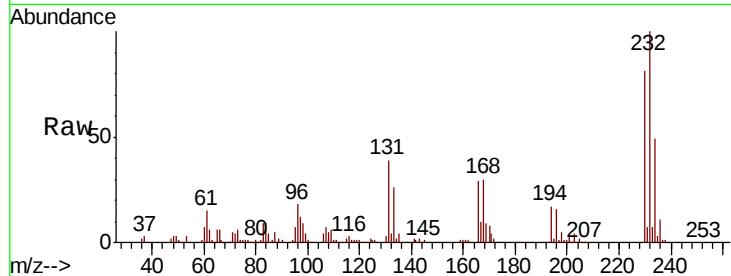
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.813 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	140248		
131	42.1		33.7	50.5
130	2.6		2.1	3.1
166	29.0		23.2	34.8

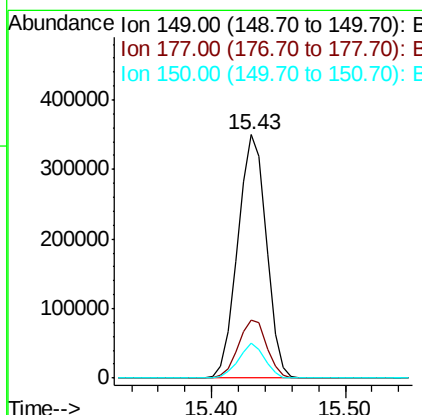
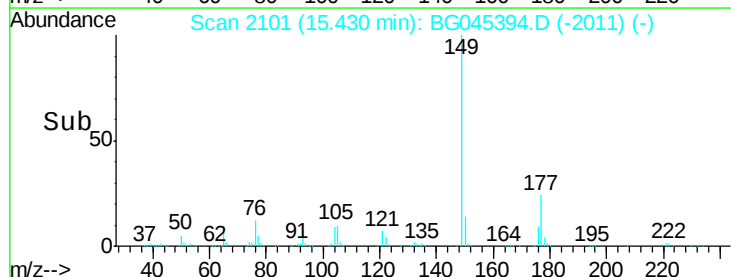
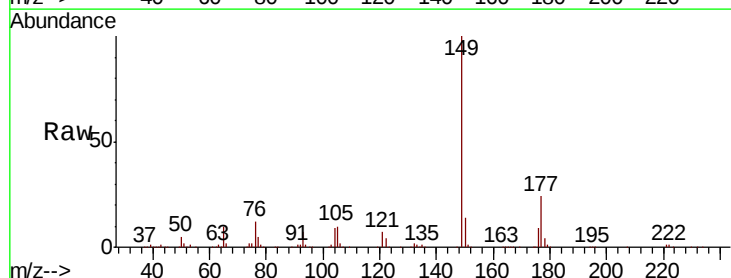
Manual Integrations
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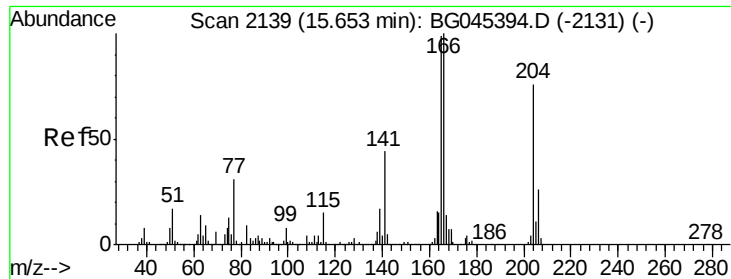
mohammad
 5/18/2020 1:19:55 PM



#60
 Diethylphthalate
 Concen: 34.836 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	517672		
177	23.7		19.0	28.4
150	14.2		11.4	17.0





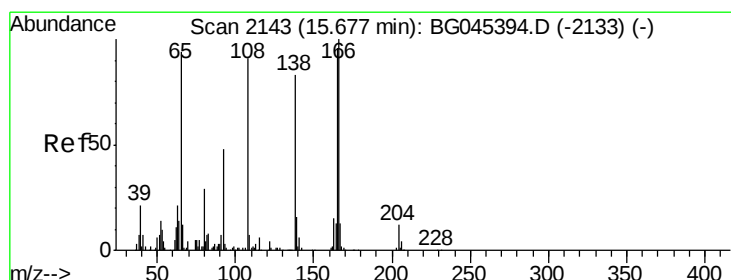
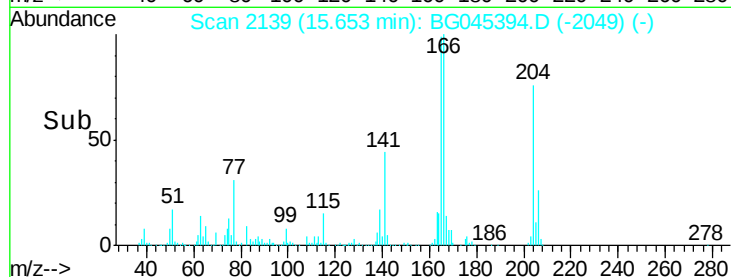
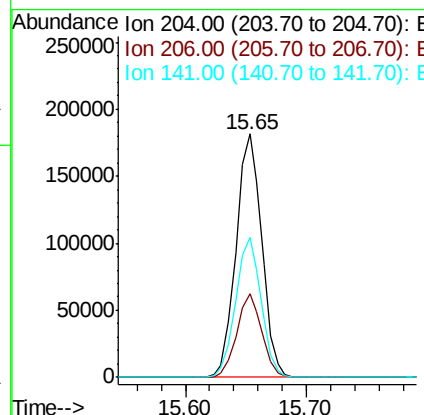
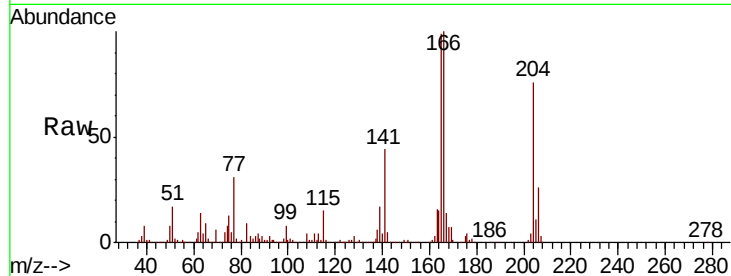
#61
4-Chlorophenyl-phenylether
Concen: 34.988 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	268693		
206	34.1	27.3	40.9	
141	57.4	45.9	68.9	

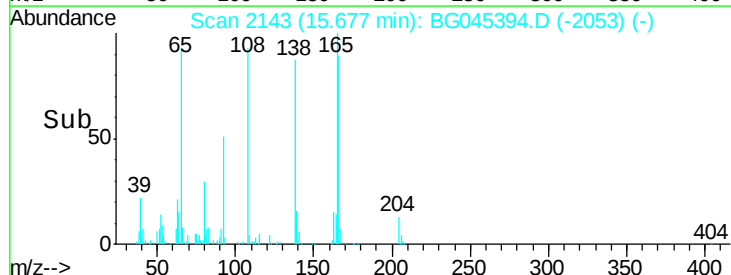
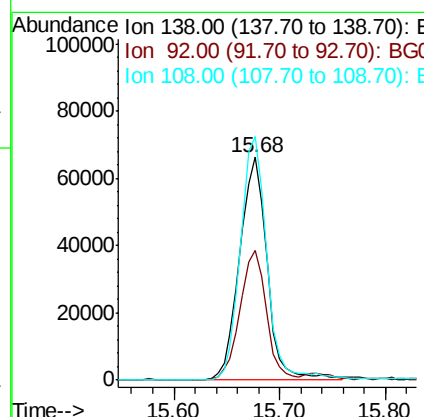
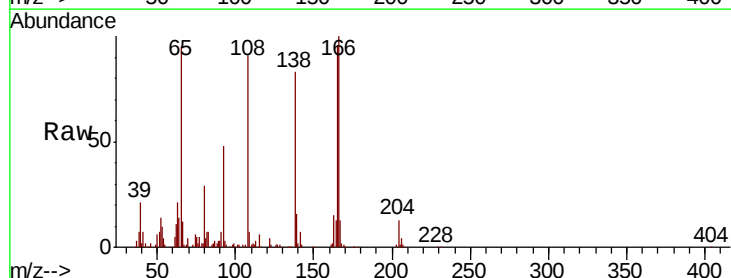
Manual Integrations
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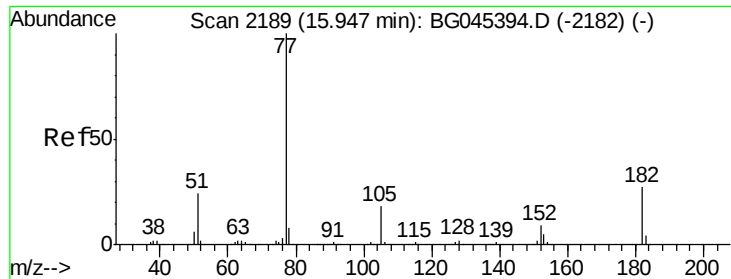
mohammad
5/18/2020 1:19:55 PM



#62
4-Nitroaniline
Concen: 33.085 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	119984		
92	58.0	38.0	78.0	
108	109.3	89.3	129.3	





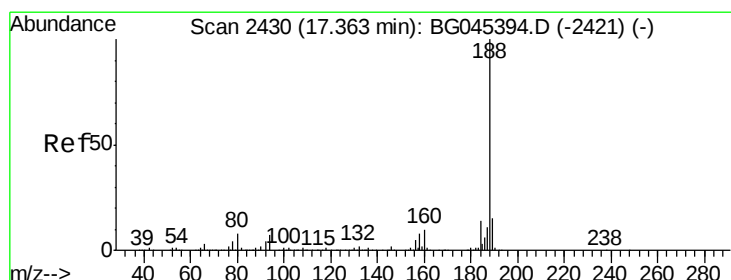
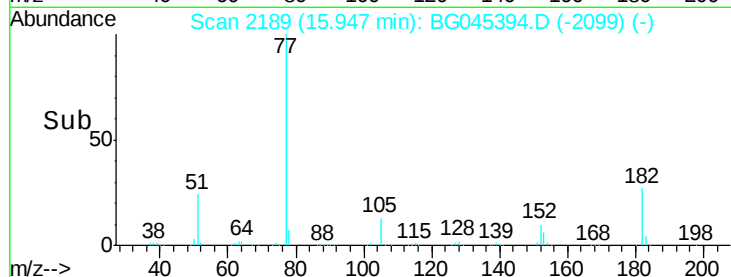
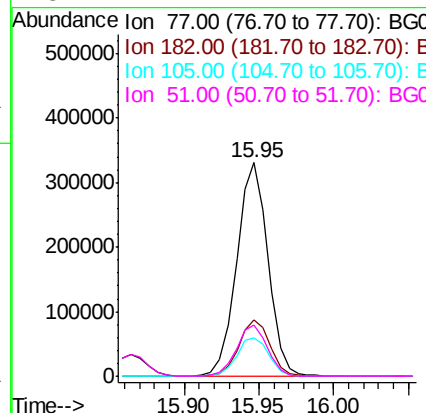
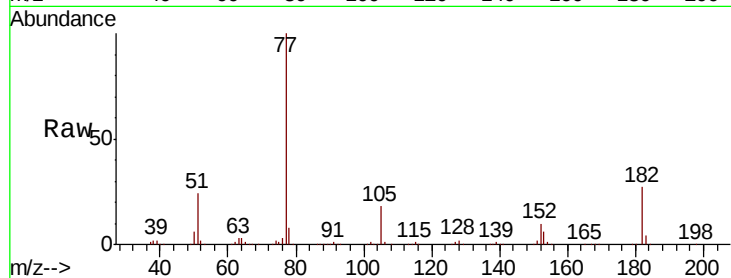
#63
Azobenzene
Concen: 34.985 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		479321		
182	26.5	6.5	46.5		
105	17.9	0.0	37.9		
51	24.1	4.1	44.1		

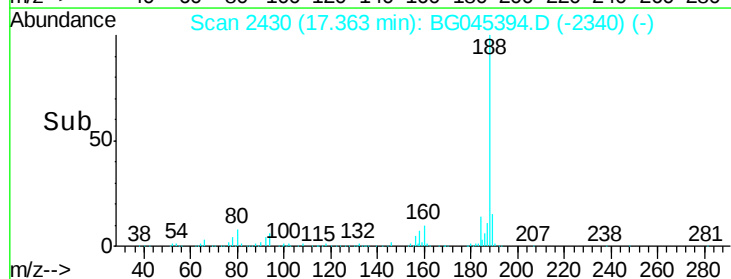
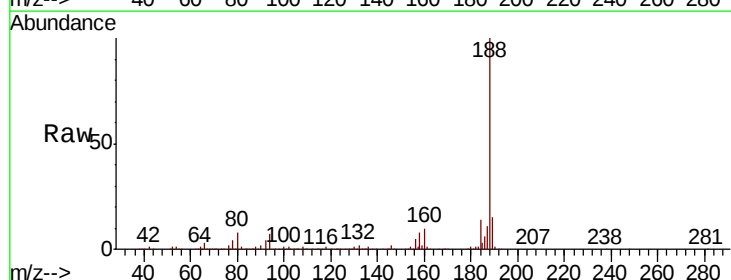
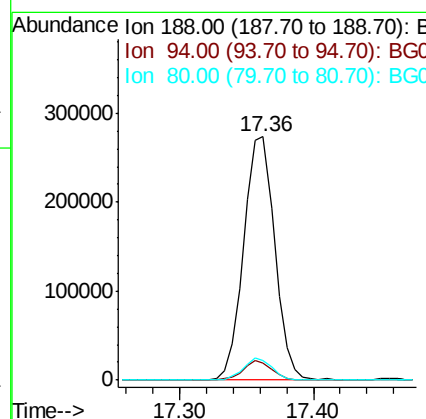
Manual Integrations
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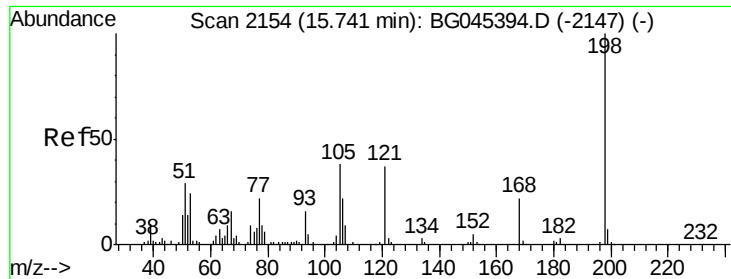
mohammad
5/18/2020 1:19:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		440038		
94	6.9	5.5	8.3		
80	8.3	6.6	10.0		





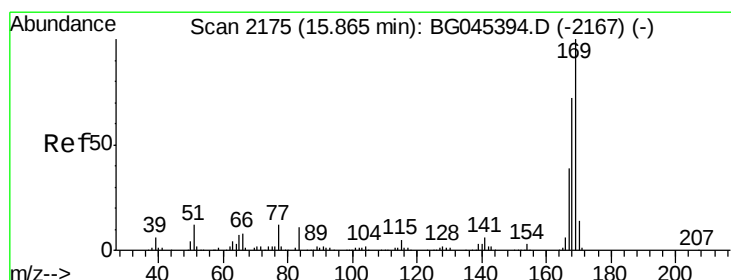
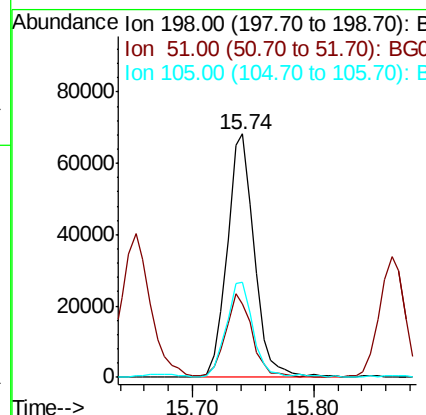
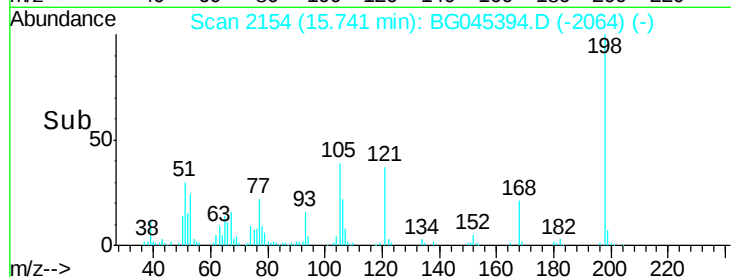
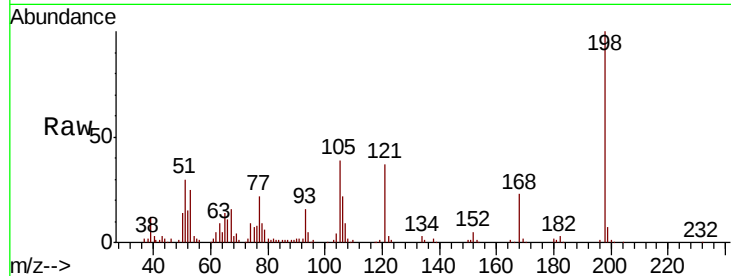
#65
4,6-Dinitro-2-methylphenol
Concen: 36.589 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	105831		
51	30.0		10.0	50.0
105	38.9		18.9	58.9

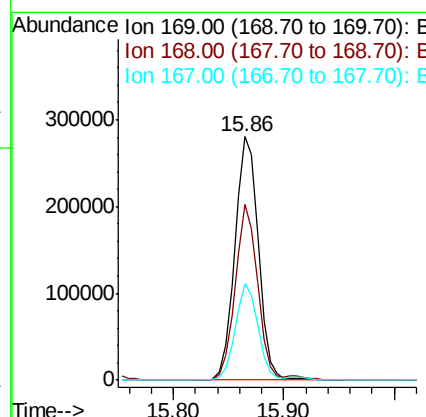
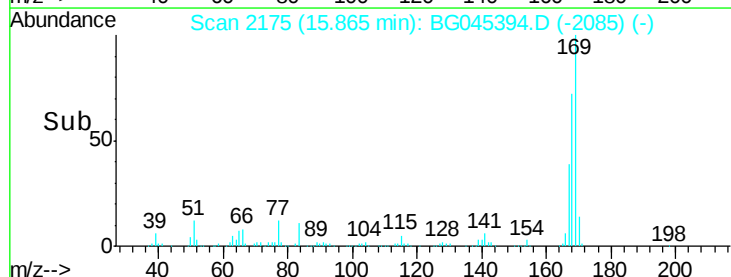
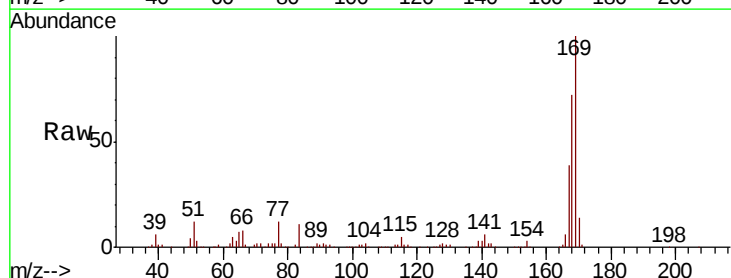
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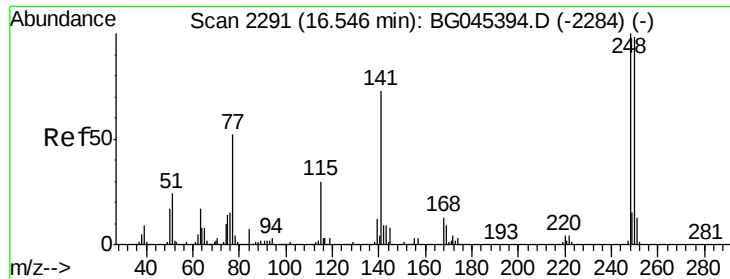
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 33.193 ng
RT: 15.86 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	419658		
168	72.2		57.8	86.6
167	39.4		31.5	47.3





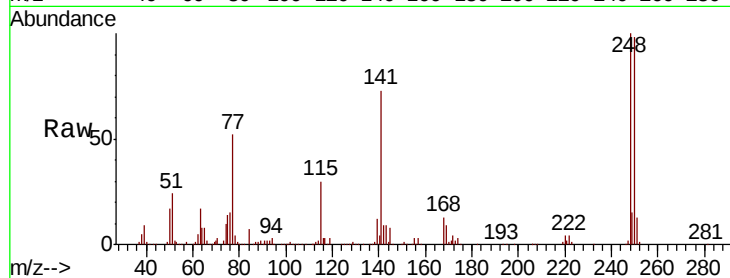
#67
4-Bromophenyl-phenylether
Concen: 33.590 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	72.7	58.2	87.2

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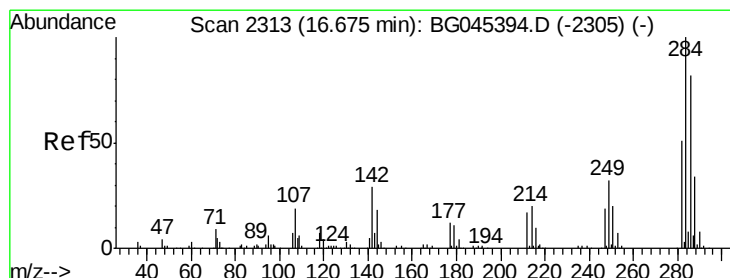
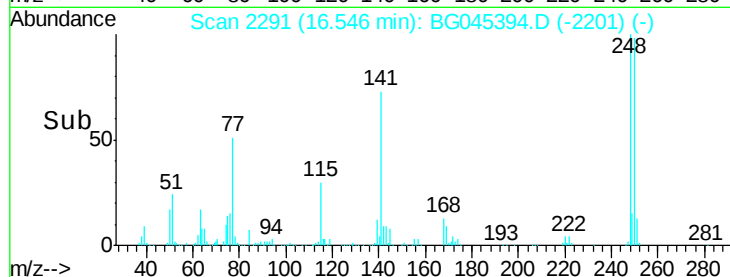
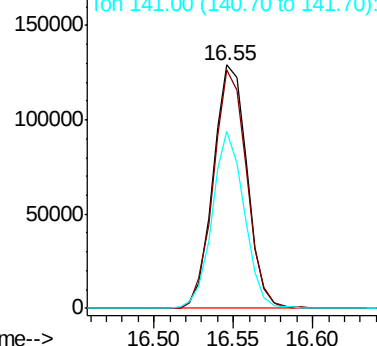


Abundance

Ion 248.00 (247.70 to 248.70): E

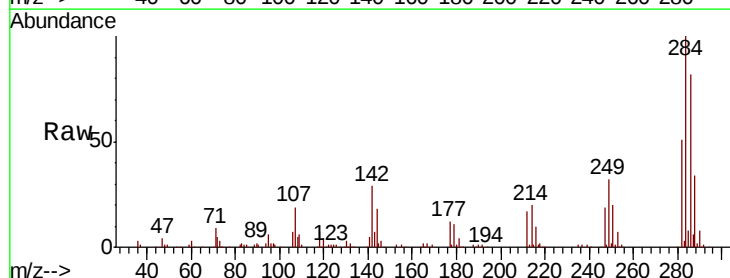
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.958 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	23.0	34.6
249	32.2	25.8	38.6

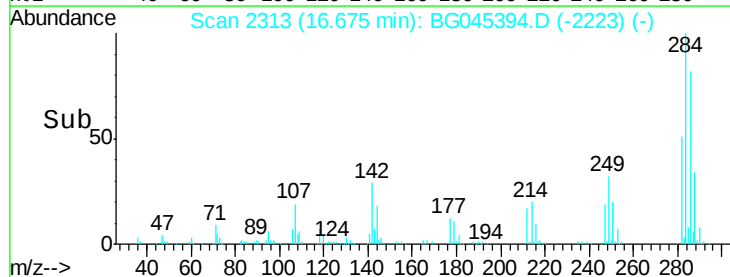
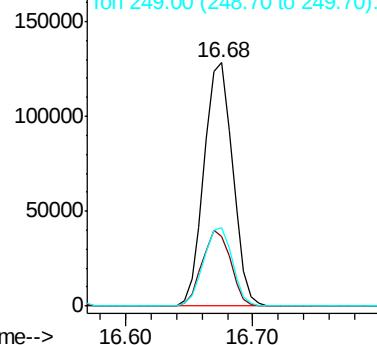


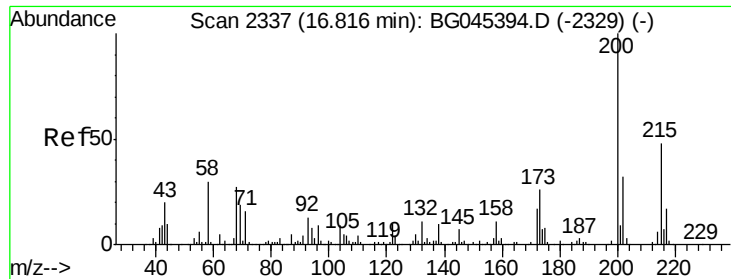
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





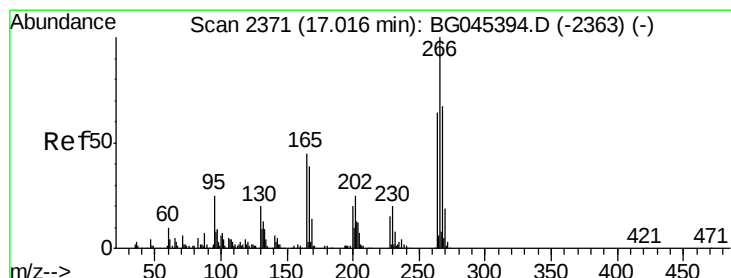
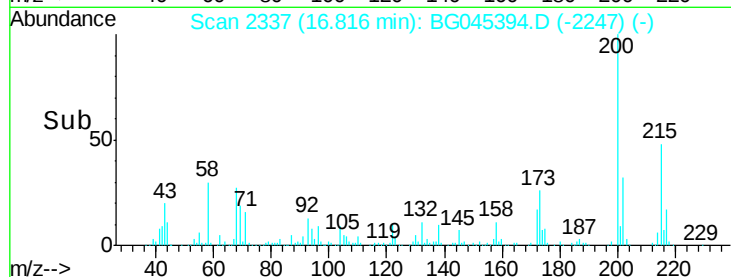
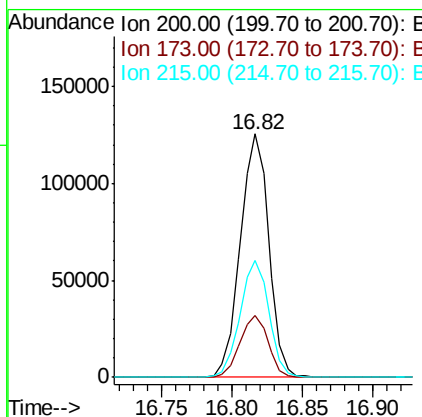
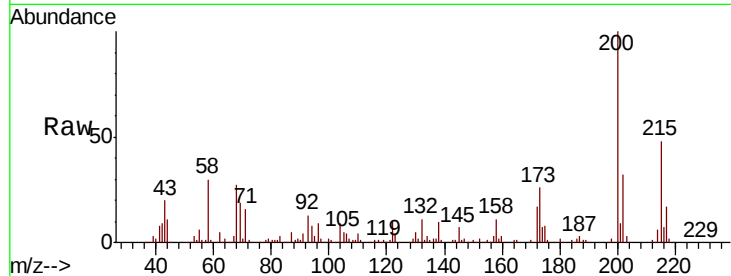
#69
Atrazine
Concen: 35.010 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.5	45.5
215	48.2	28.2	68.2

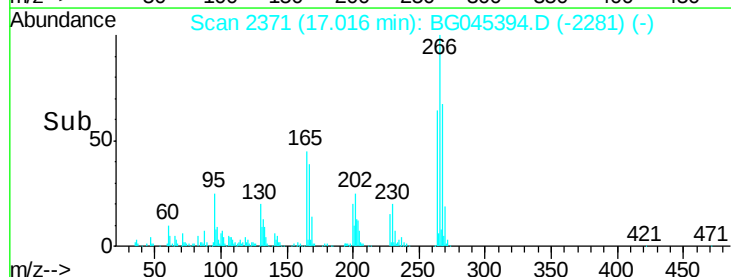
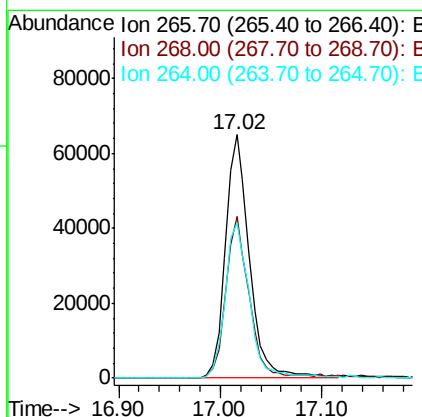
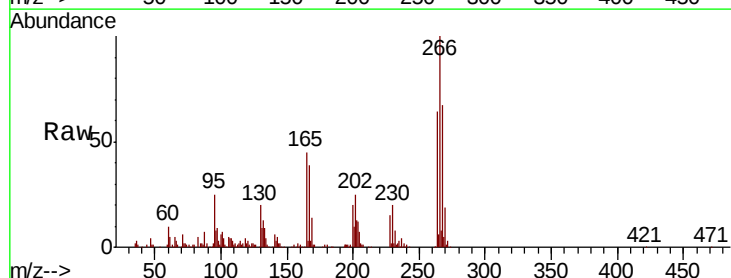
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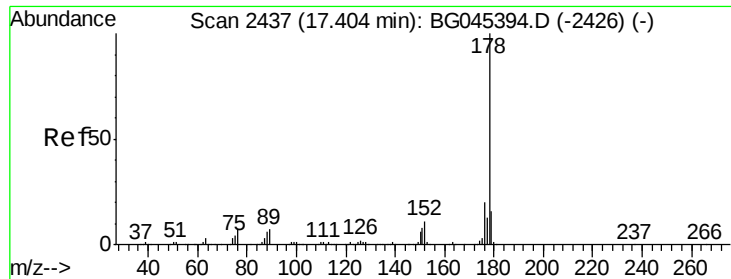
mohammad
5/18/2020 1:19:55 PM



#70
Pentachlorophenol
Concen: 29.551 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.2	79.8
264	63.7	51.0	76.4





#71

Phenanthrene

Concen: 34.562 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

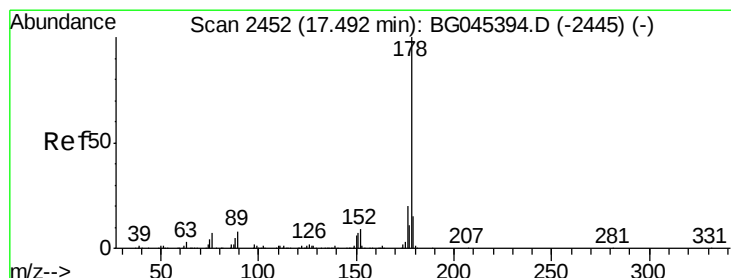
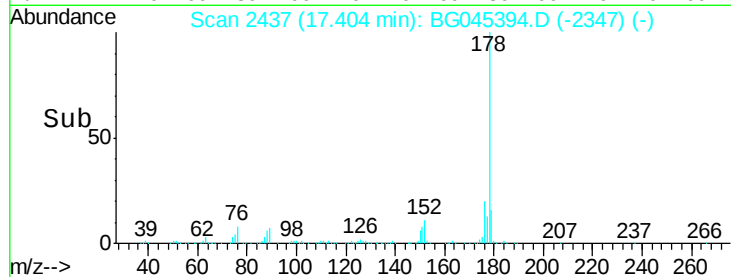
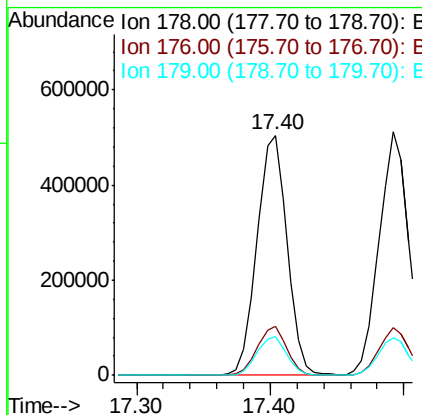
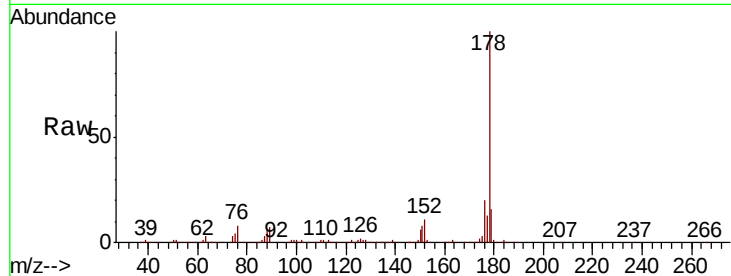
ClientSampleId :

SSTDICCC040

Tot Ion:	178	Resp:	781537
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.2	24.4
179	16.4	13.1	19.7

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mohammad
5/18/2020 1:19:55 PM



#72

Anthracene

Concen: 34.516 ng

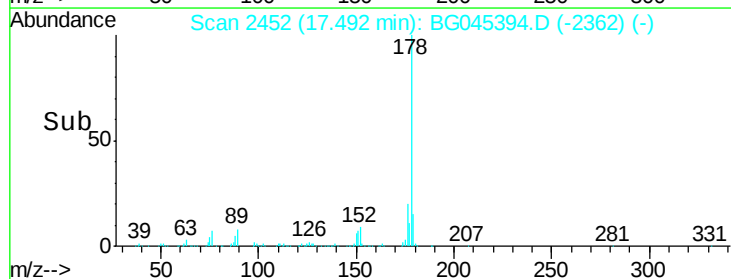
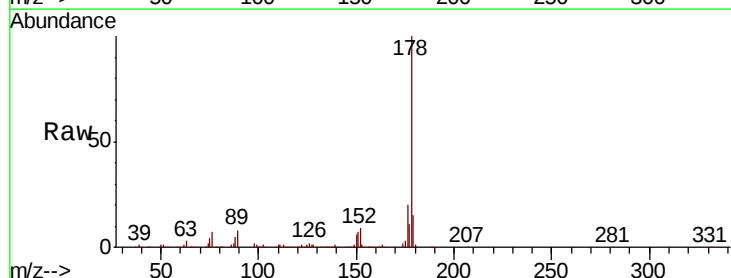
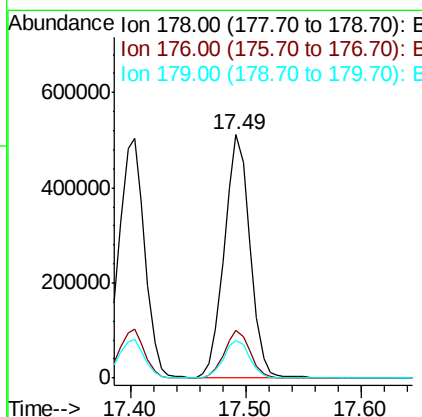
RT: 17.49 min Scan# 2452

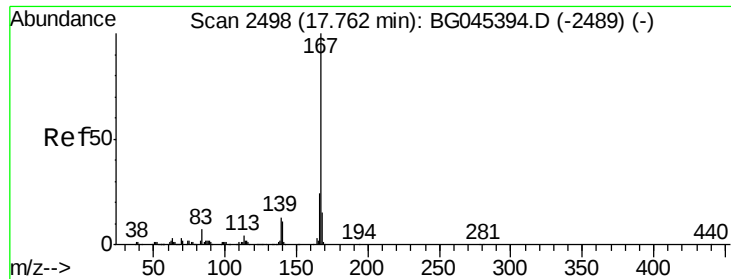
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	178	Resp:	782907
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.6
179	15.3	12.2	18.4





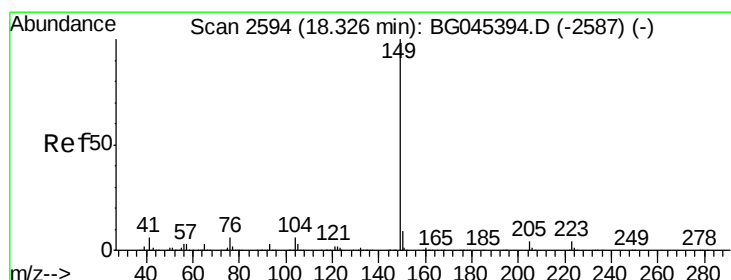
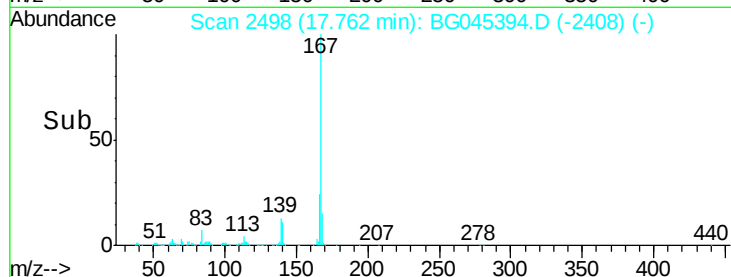
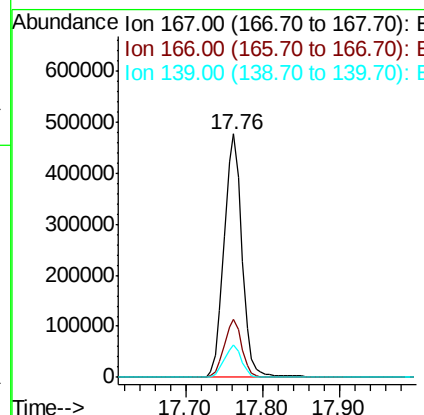
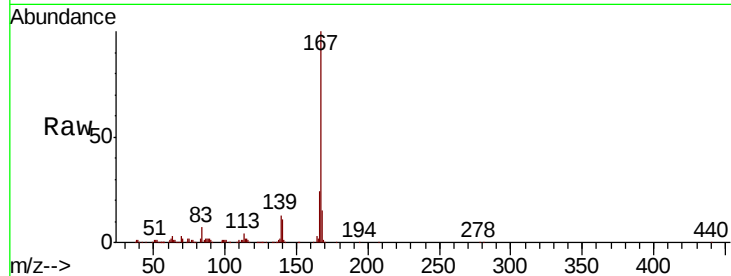
#73
 Carbazole
 Concen: 33.507 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.2	28.8
139	13.3	10.6	16.0

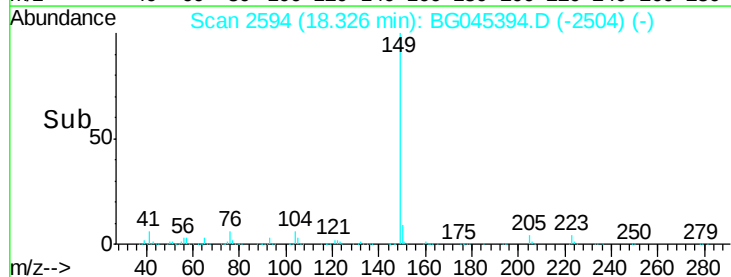
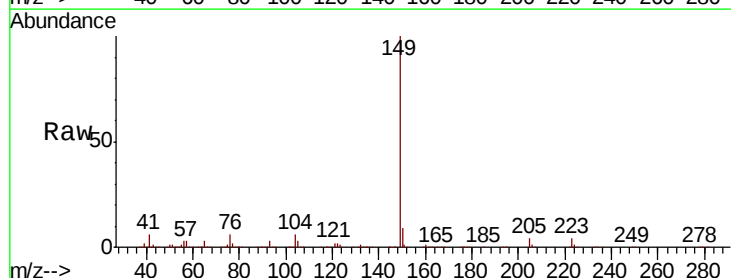
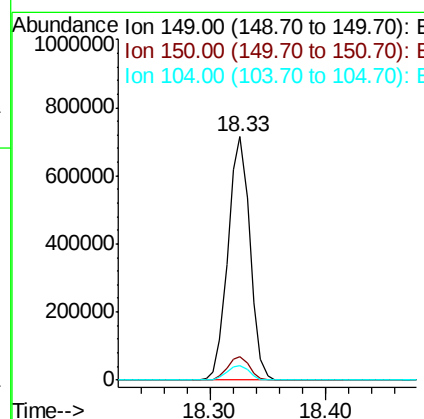
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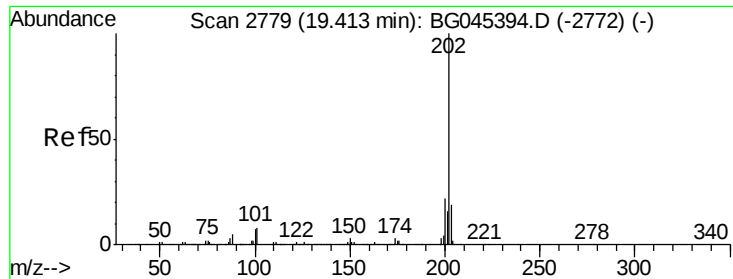
mohammad
 5/18/2020 1:19:55 PM



#74
 Di-n-butylphthalate
 Concen: 34.836 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.2	5.0	7.4





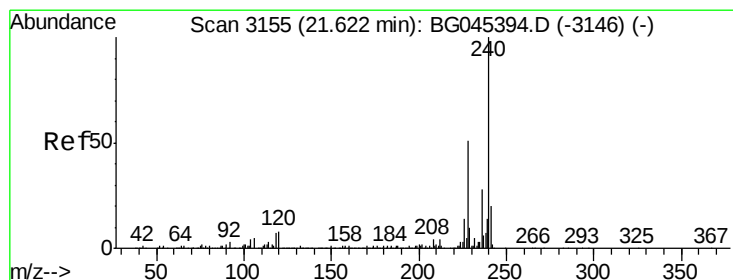
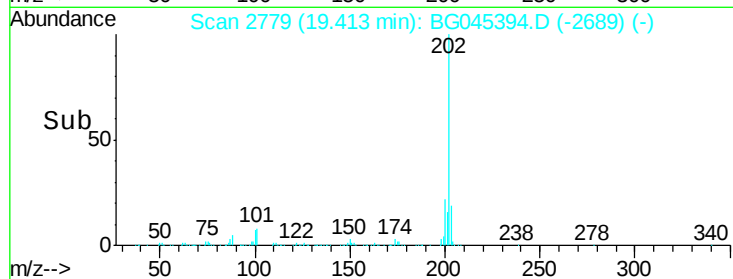
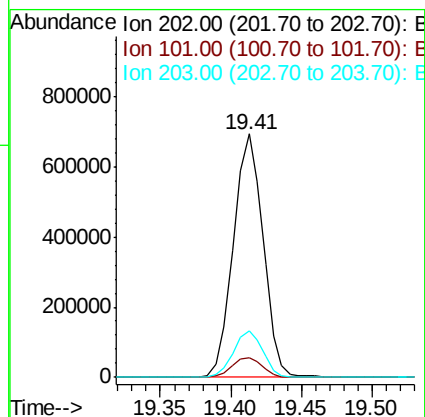
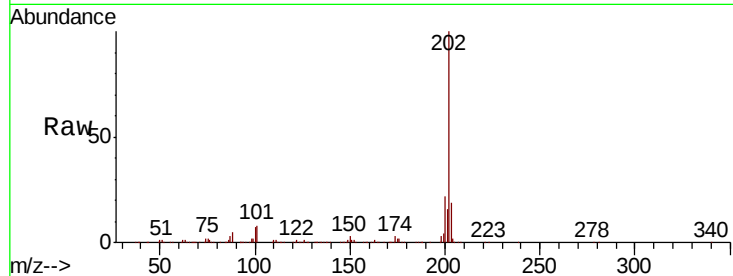
#75
 Fluoranthene
 Concen: 35.451 ng
 RT: 19.41 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.3	0.0	28.3		
203	19.0	0.0	39.0		

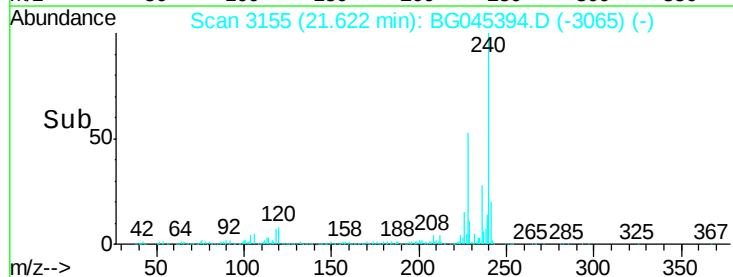
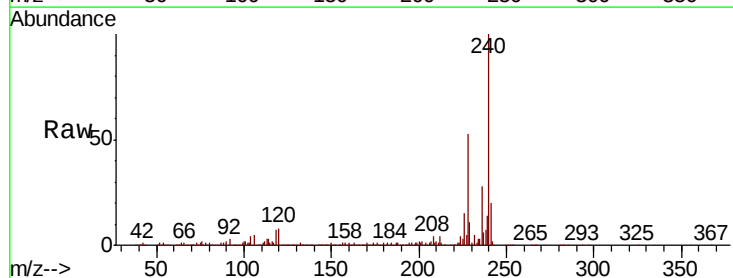
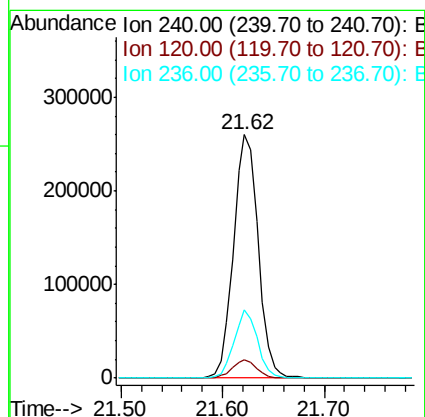
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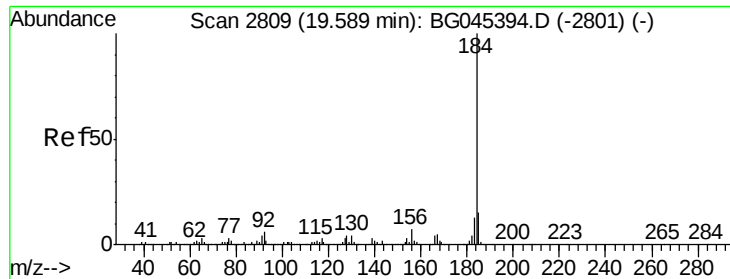
mohammad
 5/18/2020 1:19:55 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	7.6	6.1	9.1		
236	27.9	22.3	33.5		





#77

Benzidine

Concen: 36.398 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

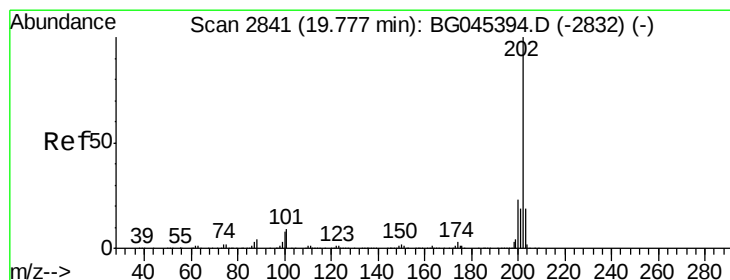
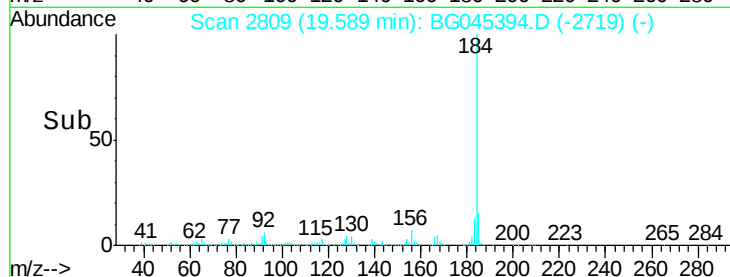
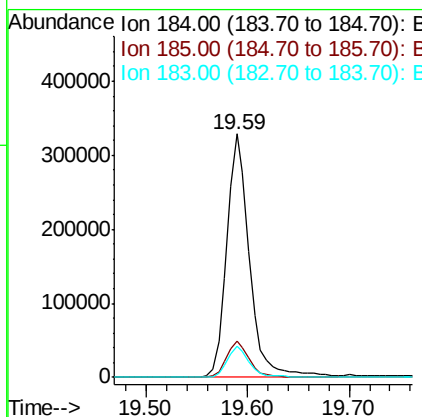
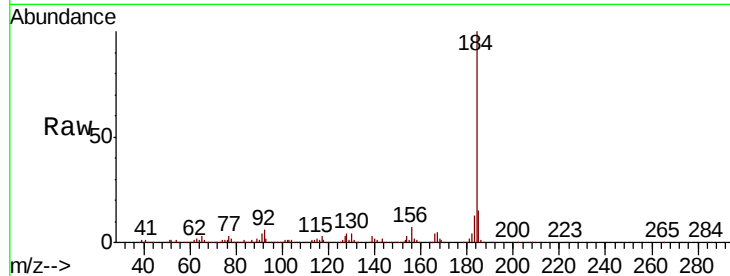
ClientSampleId :

SSTDICCC040

Tot Ion:	184	Resp:	514154
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.7	17.5
183	12.8	10.2	15.4

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#78

Pyrene

Concen: 34.074 ng

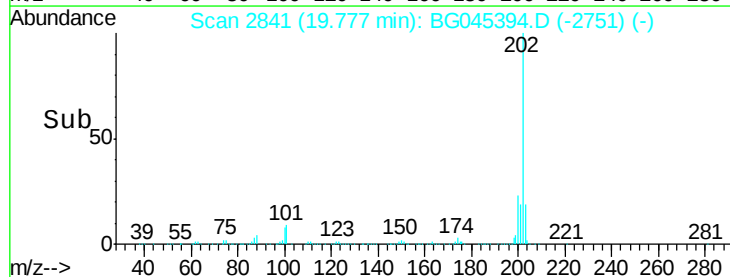
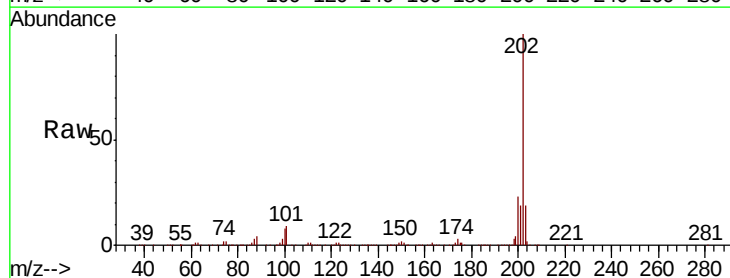
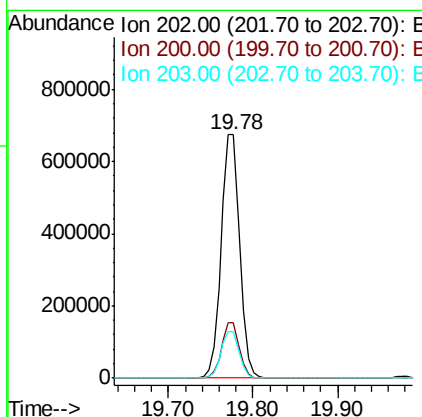
RT: 19.78 min Scan# 2841

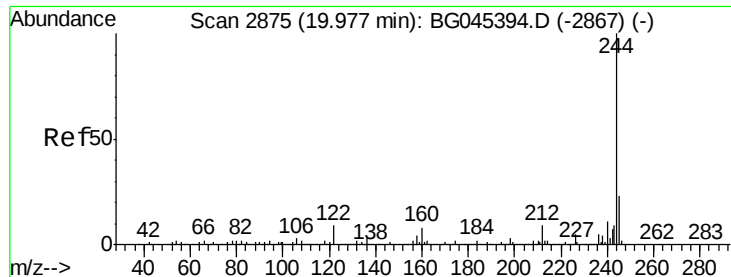
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	202	Resp:	1031118
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	18.9	15.1	22.7





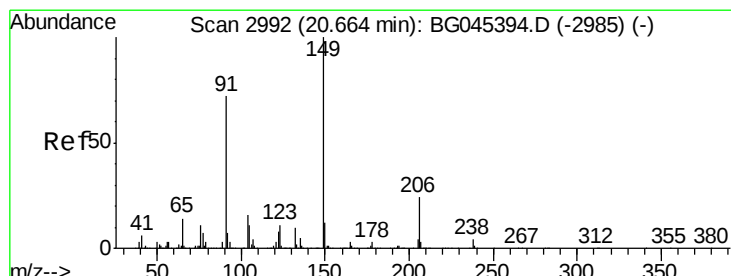
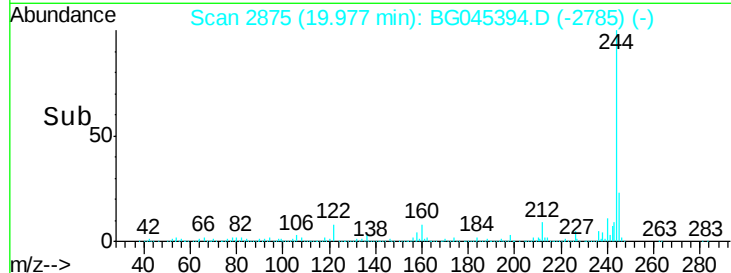
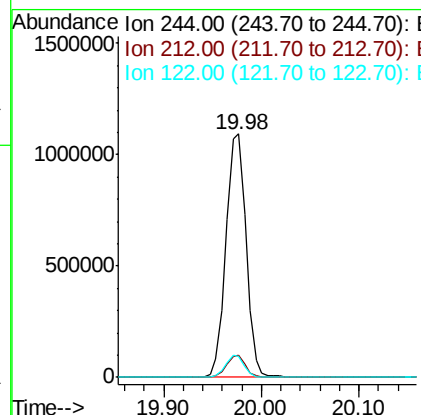
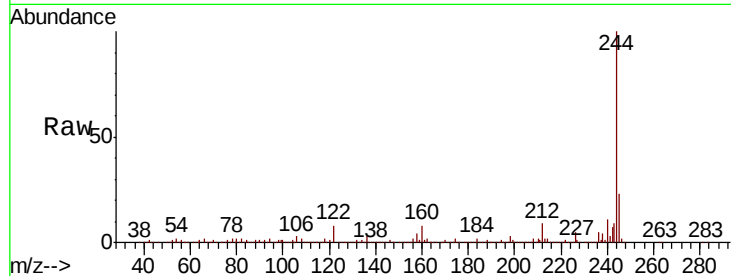
#79
 Terphenyl-d14
 Concen: 77.670 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	8.5	6.8	10.2

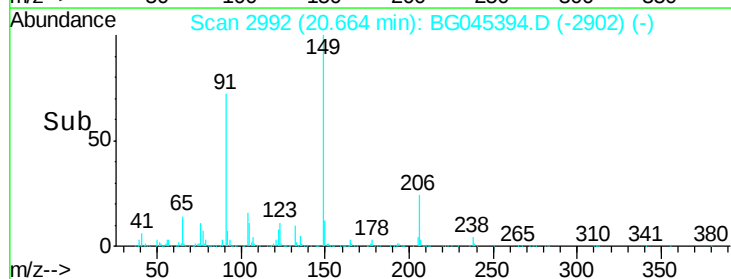
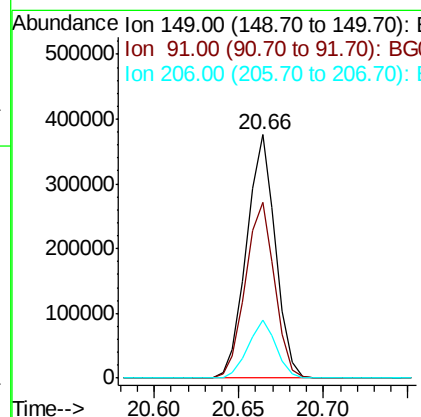
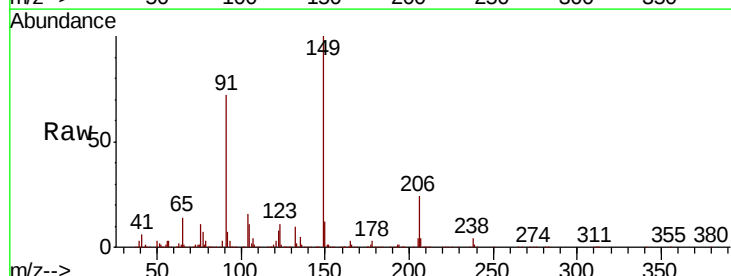
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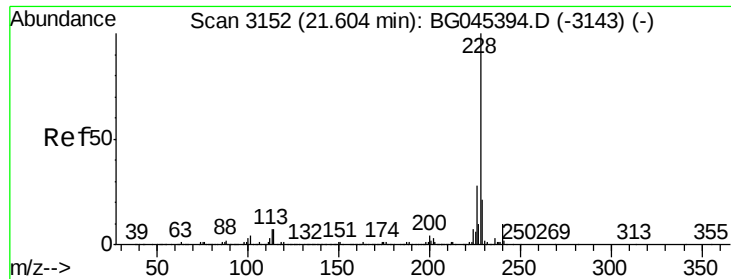
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#80
 Butylbenzylphthalate
 Concen: 35.638 ng
 RT: 20.66 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.6
206	23.9	19.1	28.7





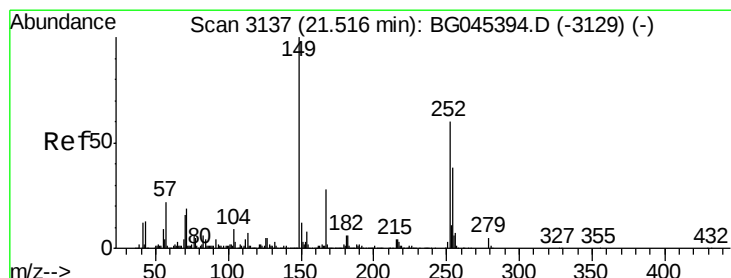
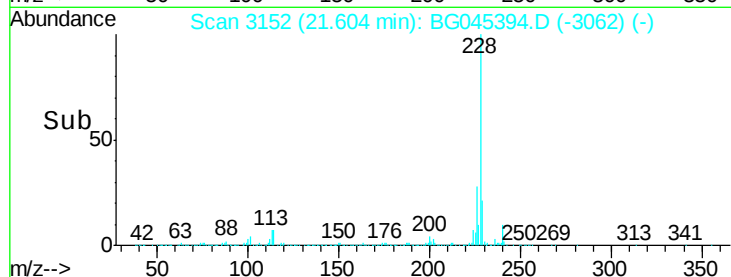
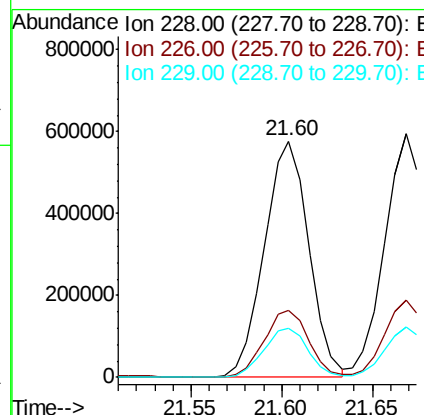
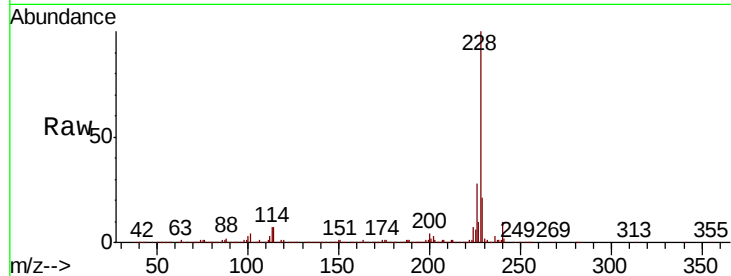
#81
Benzo(a)anthracene
Concen: 34.575 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.9	16.7	25.1

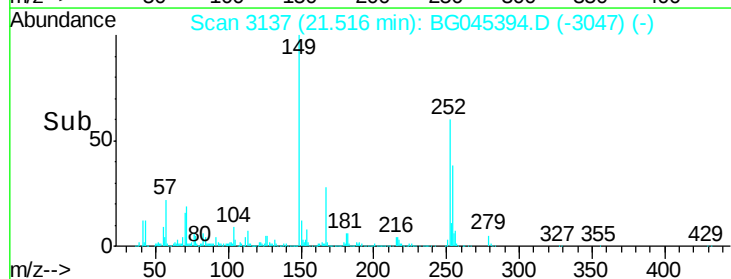
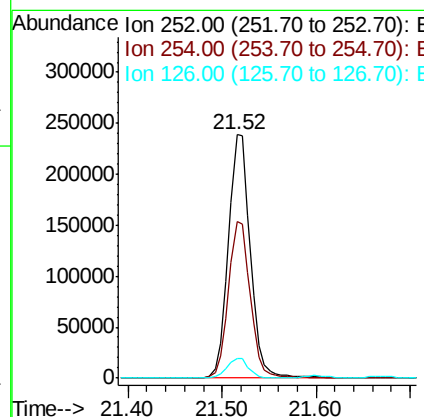
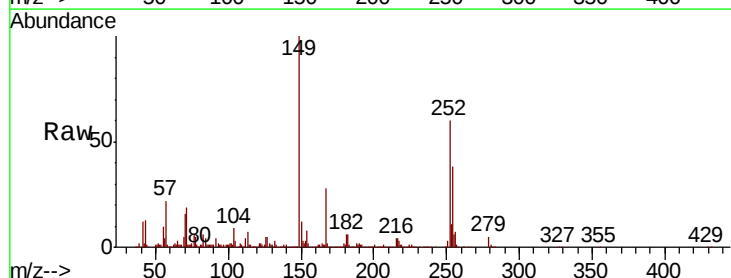
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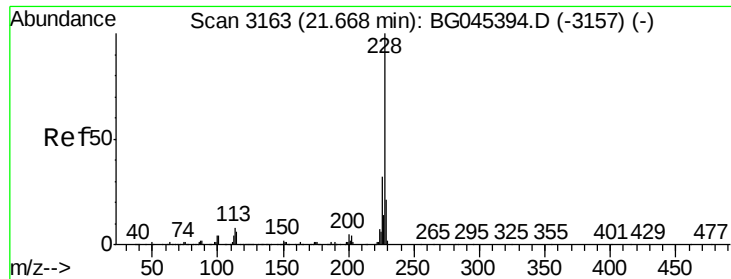
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.343 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	8.3	6.6	10.0





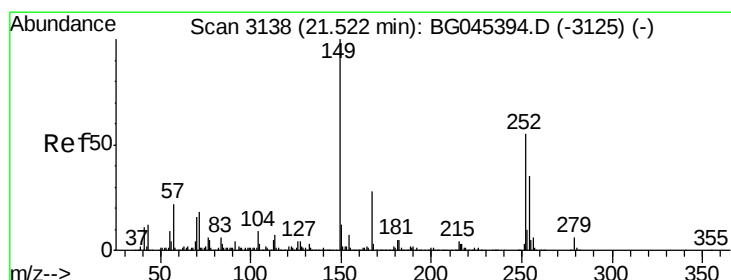
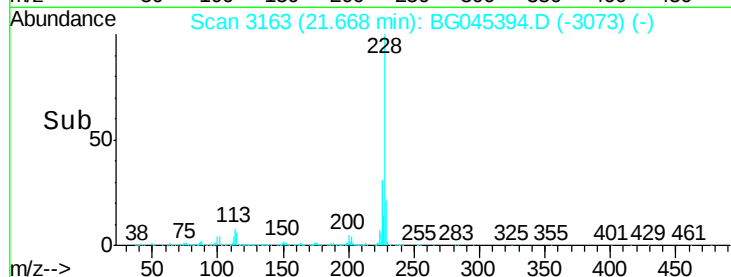
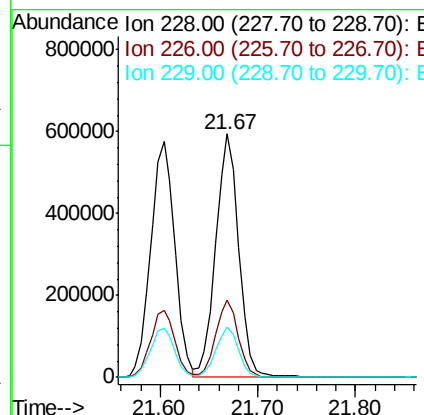
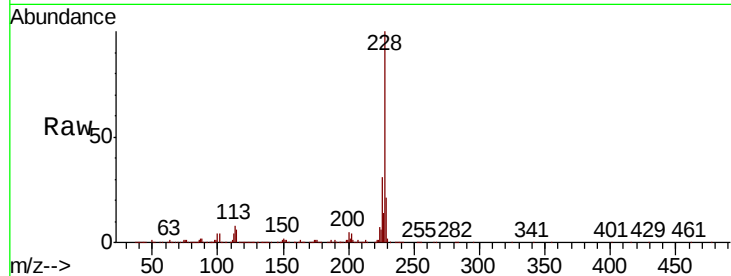
#83
Chrysene
Concen: 35.264 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	20.9	16.7	25.1

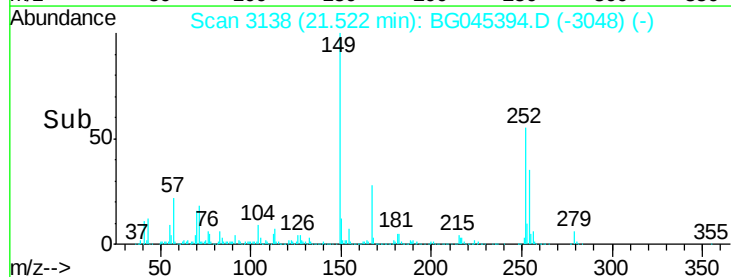
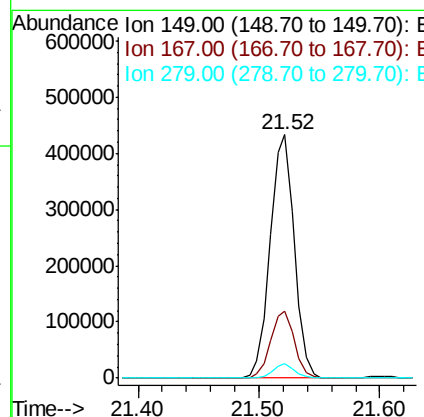
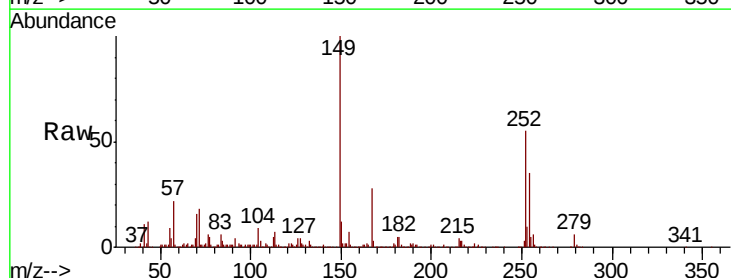
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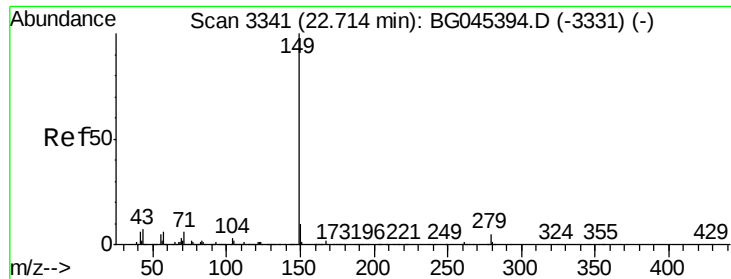
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.888 ng
RT: 21.52 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	5.9	4.7	7.1





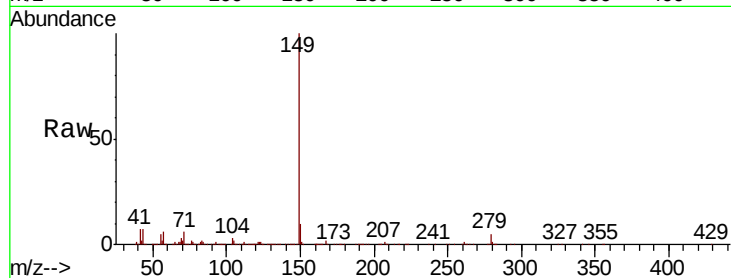
#85
Di-n-octyl phthalate
Concen: 34.460 ng
RT: 22.71 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

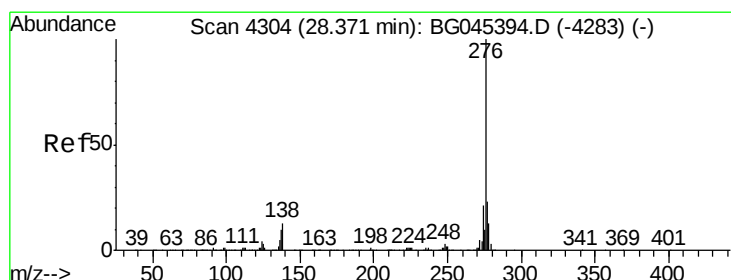
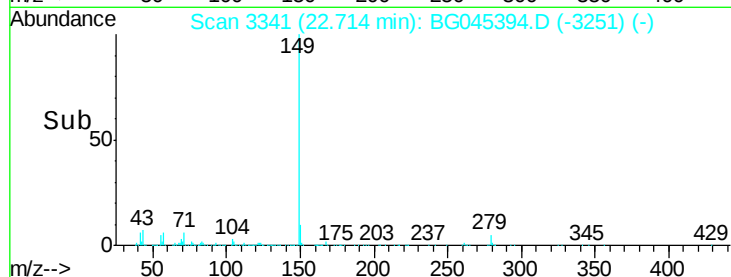
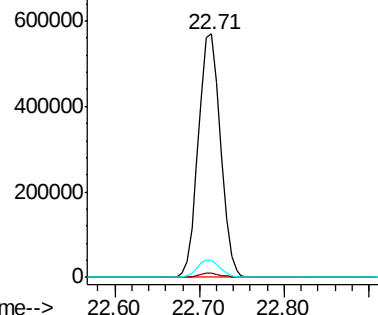
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.3	5.8	8.8

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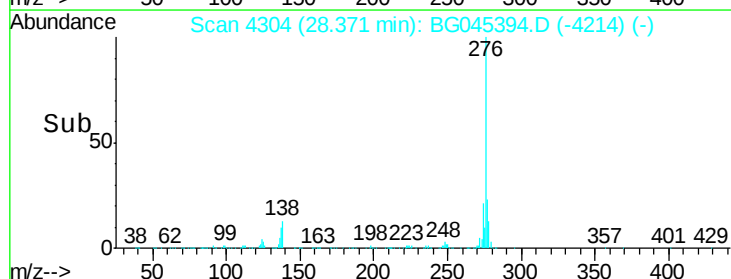
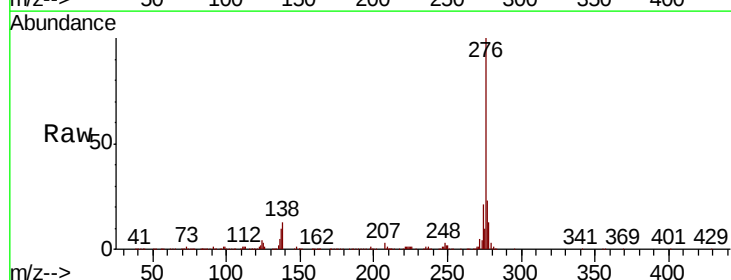
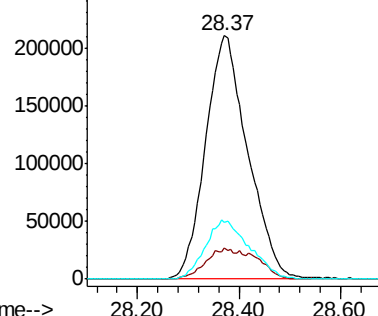
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

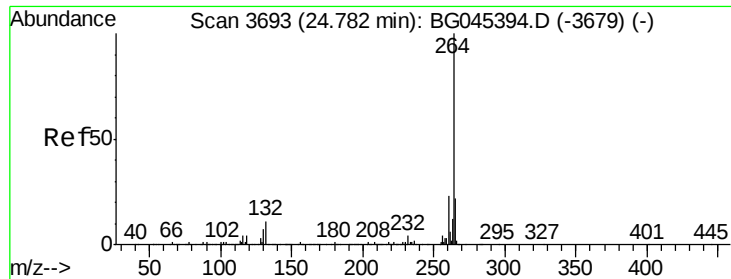


#86
Indeno(1,2,3-cd)pyrene
Concen: 33.569 ng
RT: 28.37 min Scan# 4304
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.6	12.8
277	25.3	20.2	30.4

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





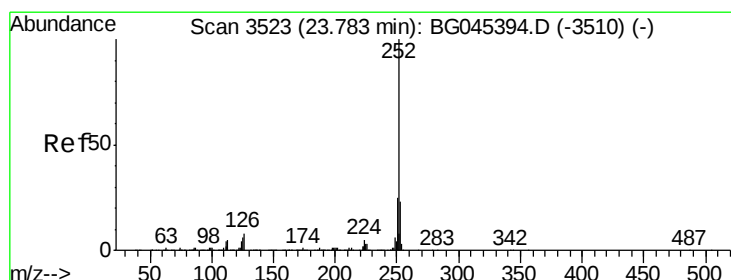
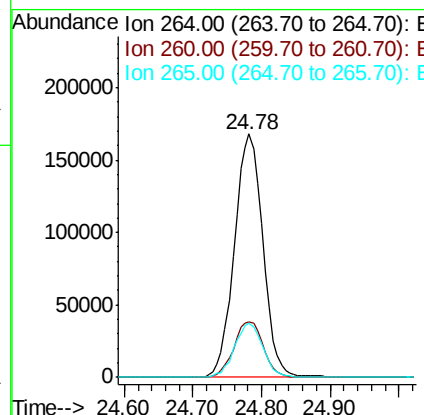
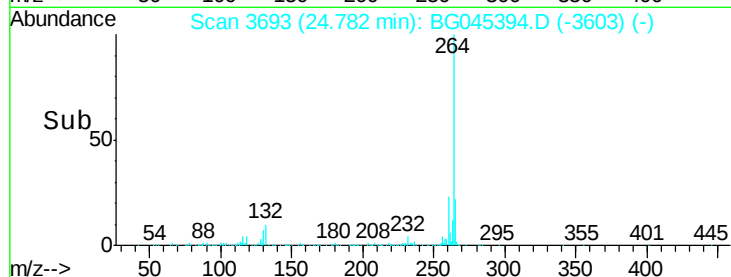
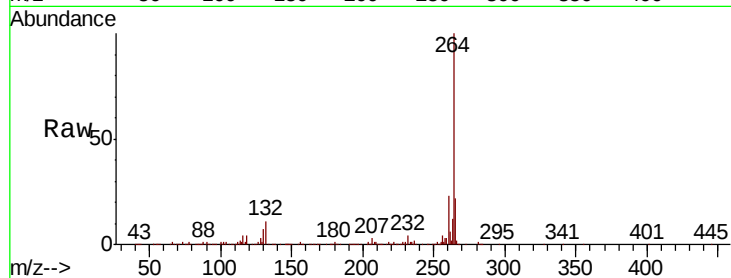
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.6	26.4

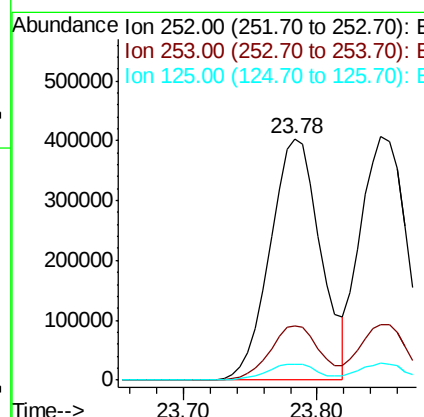
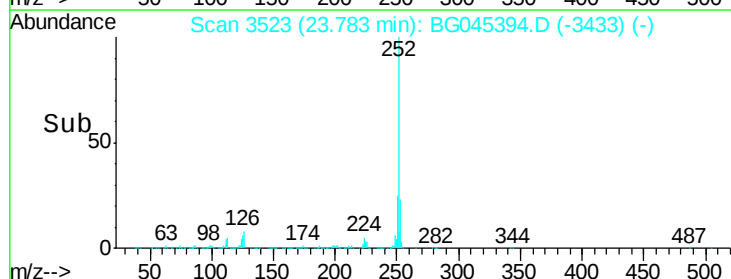
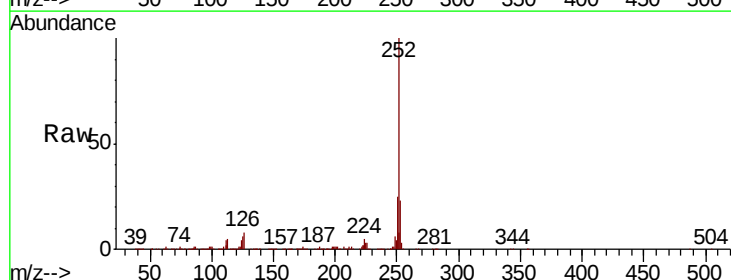
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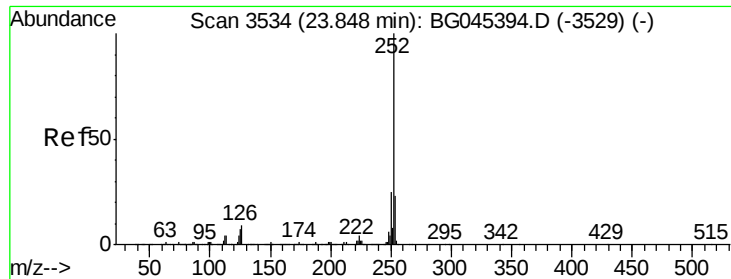
mohammad
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#88
Benzo(b)fluoranthene
Concen: 34.965 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.3	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 34.101 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

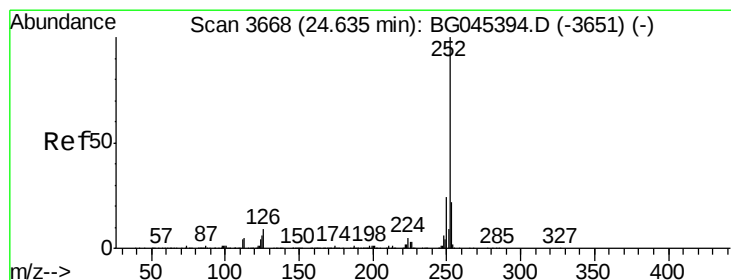
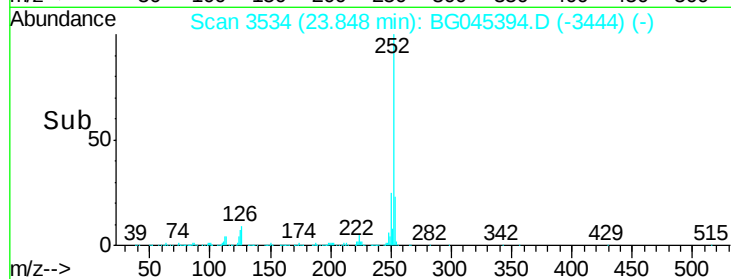
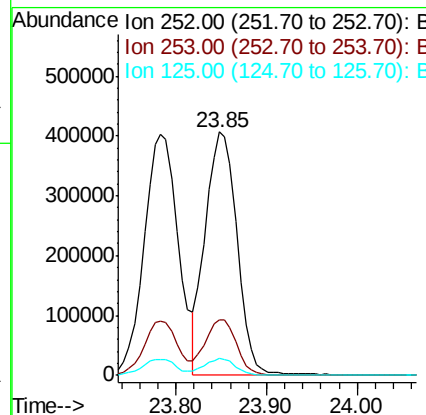
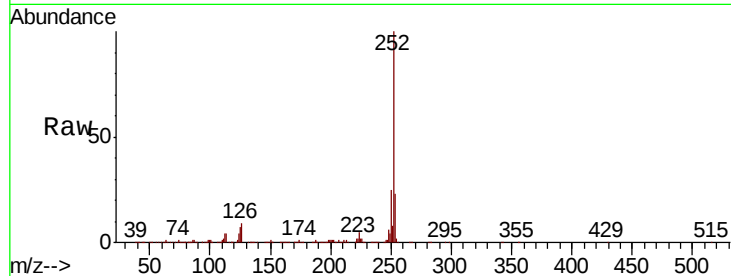
ClientSampleId :

SSTDICCC040

Tot Ion:	252	Resp:	981972
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.4	27.6
125	7.1	5.7	8.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 34.036 ng

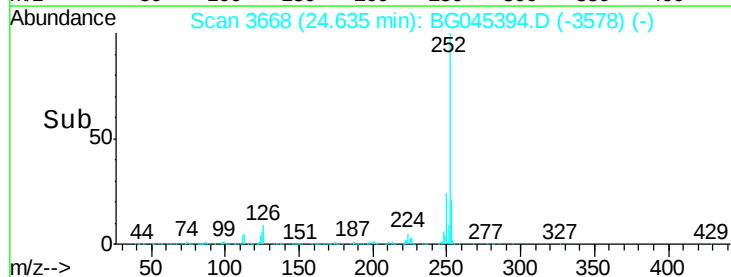
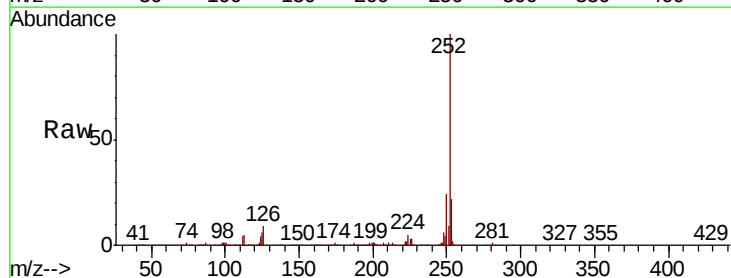
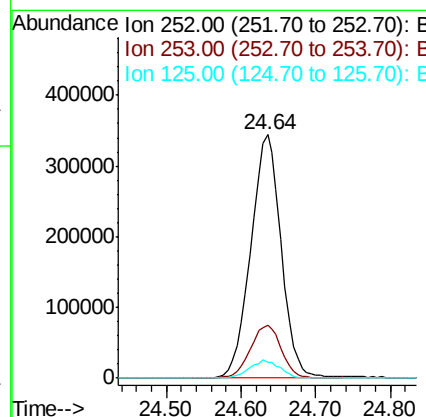
RT: 24.64 min Scan# 3668

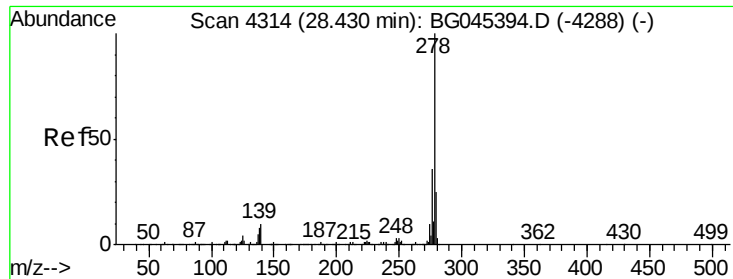
Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:	252	Resp:	973037
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	6.3	5.0	7.6





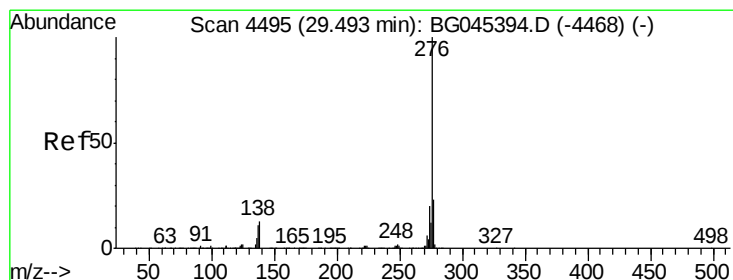
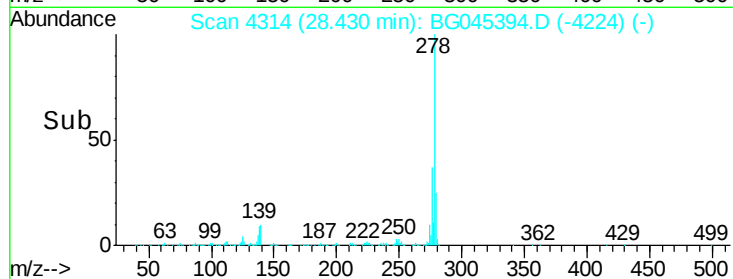
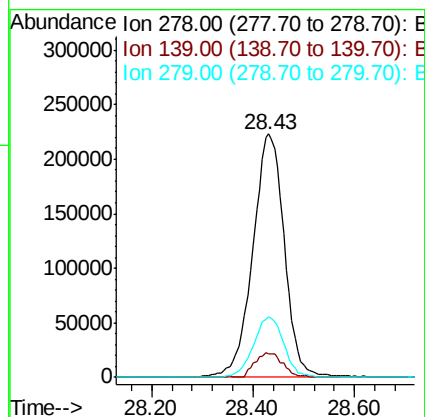
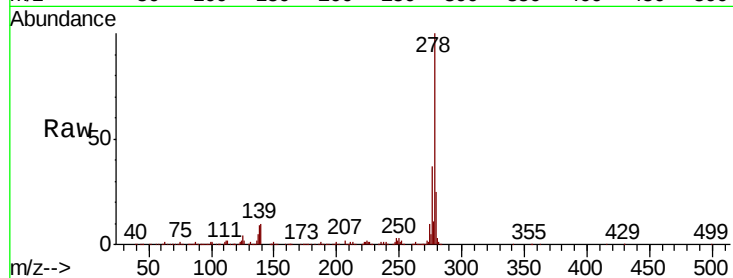
#91
Dibenzo(a,h)anthracene
Concen: 33.435 ng
RT: 28.43 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.8	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/18/2020 1:19:55 PM



#92
Benzo(g,h,i)perylene
Concen: 33.614 ng
RT: 29.49 min Scan# 4495
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.1	27.1
138	12.8	10.2	15.4

