

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045042.D
 Acq On : 17 Apr 2020 21:47
 Operator : CG/JU
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Manual Integrations
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Quant Time: Apr 17 22:29:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	79574	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	360535	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	274026	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	644075	20.00	ng	0.00
76) Chrysene-d12	21.66	240	580968	20.00	ng	0.00
87) Perylene-d12	24.85	264	632831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	375245	77.85	ng	0.00
7) Phenol-d6	7.18	99	612943	85.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	632143	80.00	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	350494	82.79	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1514704	81.05	ng	0.00
79) Terphenyl-d14	20.01	244	2222303	83.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	74449	34.756	ng	97
3) Pyridine	3.88	79	231142	35.047	ng	96
4) n-Nitrosodimethylamine	3.80	42	83871	41.512	ng	91
6) Aniline	7.34	93	383959	41.238	ng	98
8) 2-Chlorophenol	7.59	128	218591	42.198	ng	99
9) Benzaldehyde	7.16	77	156264	38.211	ng	94
10) Phenol	7.21	94	305350	42.611	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	232503	40.751	ng	98
12) 1,3-Dichlorobenzene	7.91	146	242920	39.796	ng	99
13) 1,4-Dichlorobenzene	8.06	146	246339	40.501	ng	97
14) 1,2-Dichlorobenzene	8.38	146	238780	41.035	ng	93
15) Benzyl Alcohol	8.26	79	263674	43.916	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	225464	40.257	ng	95
17) 2-Methylphenol	8.47	107	233132	42.166	ng	97
18) Hexachloroethane	9.11	117	93962	41.094	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	218245	43.094	ng	94
20) 3+4-Methylphenols	8.79	107	333293	43.067	ng	98
22) Acetophenone	8.84	105	382826	39.265	ng	# 98
24) Nitrobenzene	9.22	77	322345	39.799	ng	94
25) Isophorone	9.75	82	651100	40.238	ng	99
26) 2-Nitrophenol	9.93	139	147933	42.403	ng	98
27) 2,4-Dimethylphenol	10.00	122	210427	38.013	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	336697	39.603	ng	100
29) 2,4-Dichlorophenol	10.48	162	266331	41.667	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	293787	40.595	ng	99
31) Naphthalene	10.88	128	789399	40.024	ng	100
32) Benzoic acid	10.16	122	204310	45.994	ng	93
33) 4-Chloroaniline	10.98	127	366421	39.836	ng	98
34) Hexachlorobutadiene	11.18	225	205491	41.414	ng	100
35) Caprolactam	11.76	113	96408	37.897	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	312556	41.625	ng	99
37) 2-Methylnaphthalene	12.49	142	631468	41.249	ng	97
38) 1-Methylnaphthalene	12.71	142	597127m	41.318	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	359004	40.690	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	201436	36.529	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	256661	41.218	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	288994	40.773	ng	98
46) 1,1'-Biphenyl	13.49	154	830363	39.868	ng	98
47) 2-Chloronaphthalene	13.53	162	634422	39.864	ng	98
48) 2-Nitroaniline	13.73	65	209792	40.066	ng	97
49) Acenaphthylene	14.38	152	1026340	39.592	ng	99
50) Dimethylphthalate	14.11	163	876431	39.280	ng	98
51) 2,6-Dinitrotoluene	14.22	165	200274	40.130	ng	98
52) Acenaphthene	14.72	154	707975	40.365	ng	99
53) 3-Nitroaniline	14.55	138	210484	38.455	ng	97
54) 2,4-Dinitrophenol	14.76	184	130458	43.961	ng	94
55) Dibenzofuran	15.06	168	1018884	39.846	ng	96
56) 4-Nitrophenol	14.86	139	167338	39.429	ng	99
57) 2,4-Dinitrotoluene	15.02	165	287524	39.423	ng	# 99
58) Fluorene	15.71	166	841636	40.296	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	266000	42.178	ng	98
60) Diethylphthalate	15.48	149	899194	38.653	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	494437	41.127	ng	99
62) 4-Nitroaniline	15.72	138	214142	37.720	ng	92
63) Azobenzene	15.99	77	853812	39.809	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	178074	42.063	ng	98
66) n-Nitrosodiphenylamine	15.91	169	748900	40.469	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	348102	41.894	ng	96
68) Hexachlorobenzene	16.72	284	351946	40.841	ng	96
69) Atrazine	16.86	200	260566	37.845	ng	97
70) Pentachlorophenol	17.05	266	225441	42.644	ng	96
71) Phenanthrene	17.45	178	1312119	39.644	ng	98
72) Anthracene	17.54	178	1294630	38.995	ng	98
73) Carbazole	17.80	167	1249302	37.081	ng	99
74) Di-n-butylphthalate	18.37	149	1476159	39.509	ng	100
75) Fluoranthene	19.45	202	1571767	39.673	ng	98
77) Benzidine	19.63	184	559738	31.474	ng	96
78) Pyrene	19.81	202	1539269	38.432	ng	99
80) Butylbenzylphthalate	20.70	149	659749	39.739	ng	100
81) Benzo(a)anthracene	21.65	228	1525894	40.523	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	620817	41.422	ng	99
83) Chrysene	21.71	228	1467196	40.553	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	904257	39.602	ng	99
85) Di-n-octyl phthalate	22.77	149	1582584	40.080	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	1972788	41.070	ng	# 97
88) Benzo(b)fluoranthene	23.84	252	1672875	42.201	ng	98
89) Benzo(k)fluoranthene	23.91	252	1565024	41.515	ng	99
90) Benzo(a)pyrene	24.71	252	1559039	41.656	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	1572448	41.695	ng	97
92) Benzo(g,h,i)perylene	29.61	276	1578058	41.737	ng	98

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

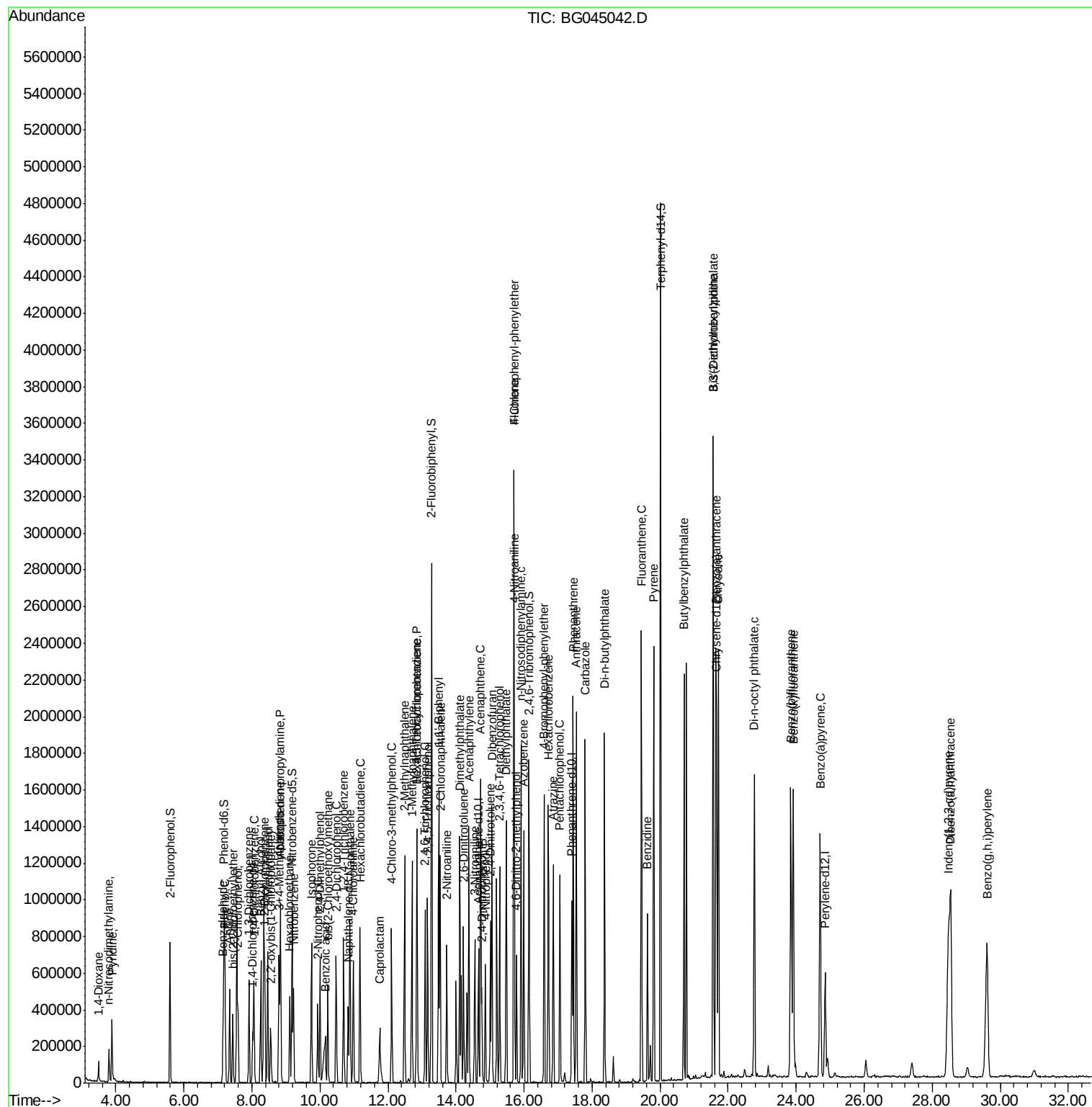
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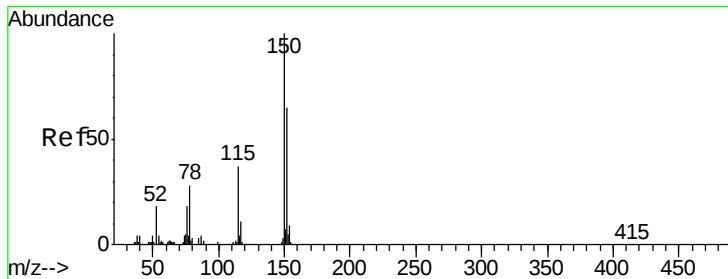
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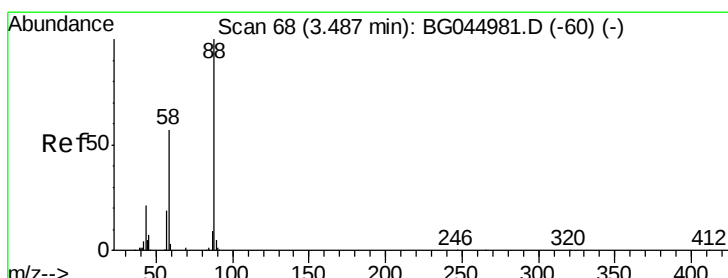
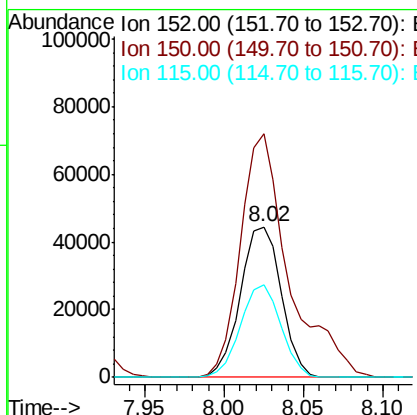
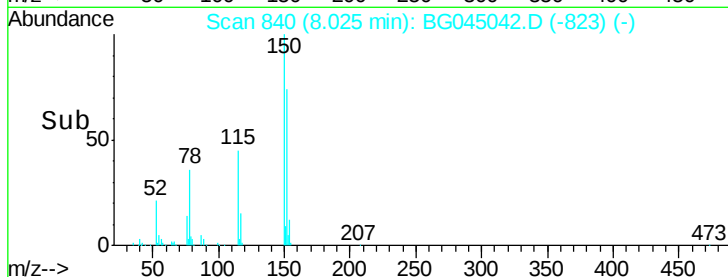
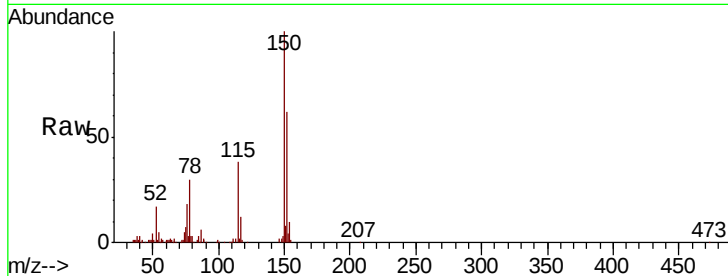
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion:	152	Resp:	79574
Ion Ratio	Lower	Upper	
152	100		
150	161.6	123.6	185.4
115	61.2	49.1	73.7

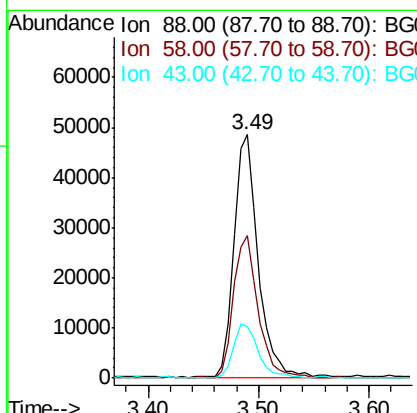
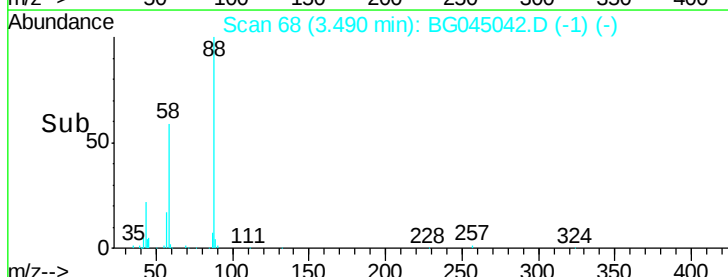
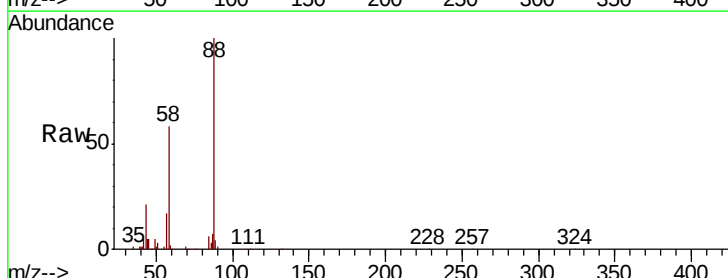
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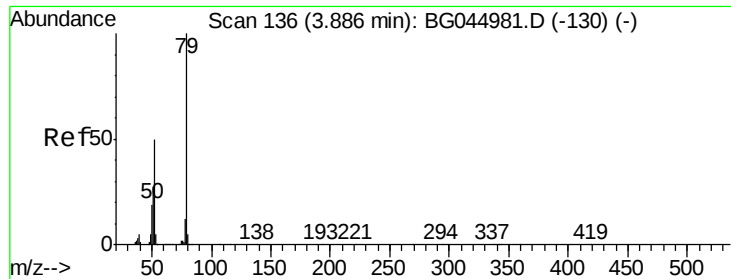
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#2
 1,4-Dioxane
 Concen: 34.756 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion:	88	Resp:	74449
Ion Ratio	Lower	Upper	
88	100		
58	60.0	46.6	69.8
43	23.2	17.5	26.3





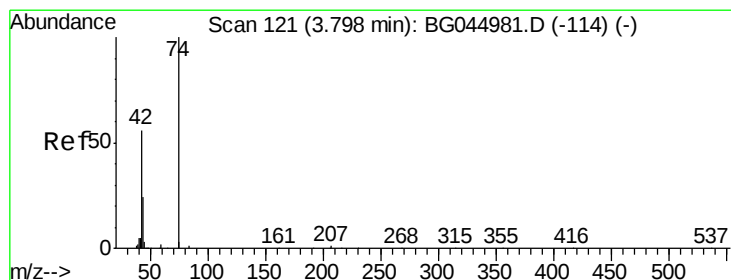
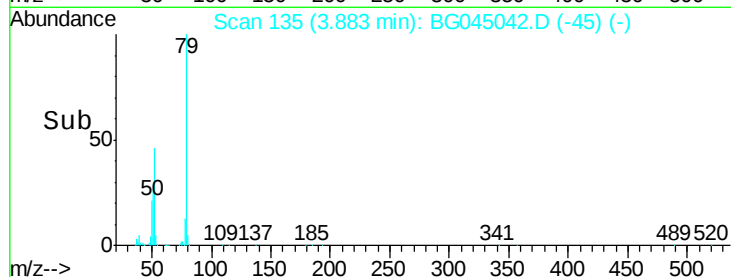
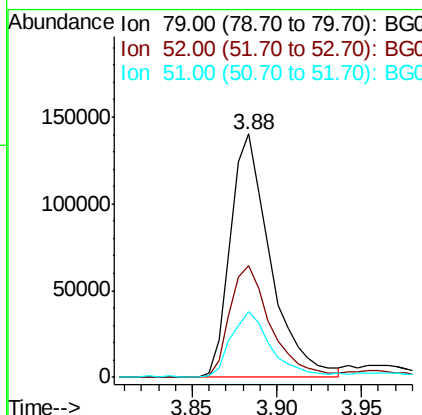
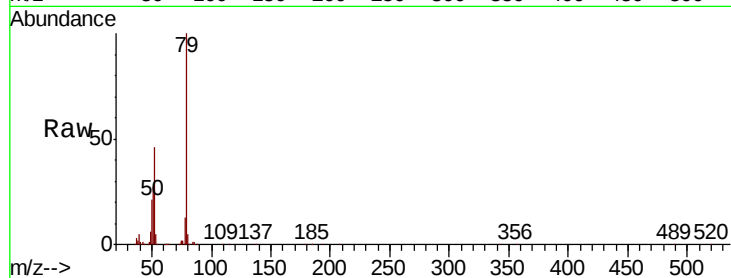
#3
 Pvridine
 Concen: 35.047 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.9	39.8	59.6
51	26.8	21.4	32.2

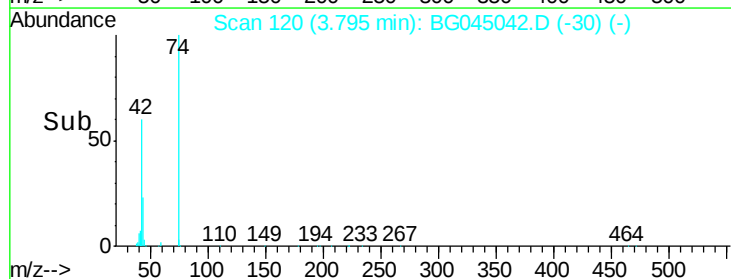
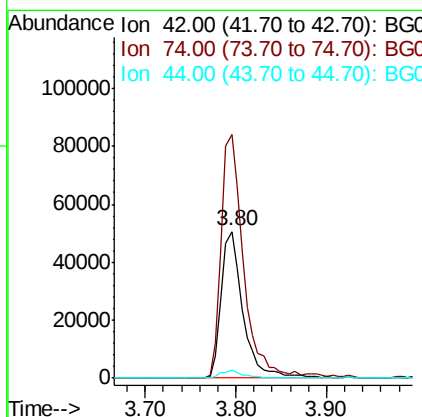
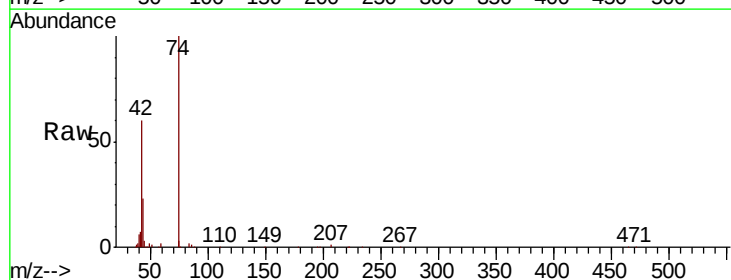
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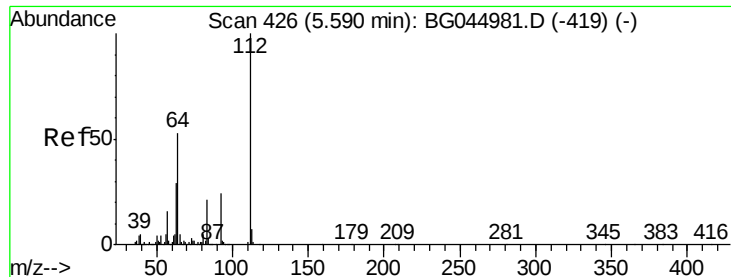
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#4
 n-Nitrosodimethylamine
 Concen: 41.512 ng
 RT: 3.80 min Scan# 120
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.0	143.0	214.6
44	5.3	4.6	6.8





#5

2-Fluorophenol

Concen: 77.853 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

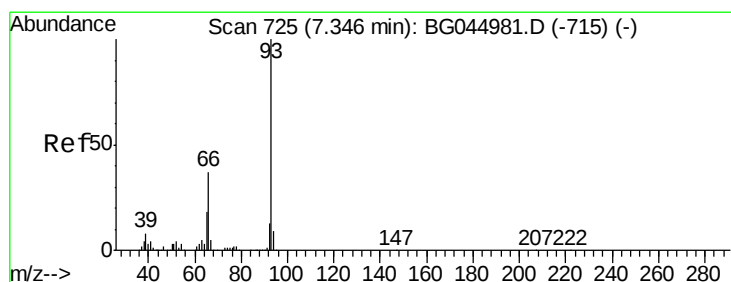
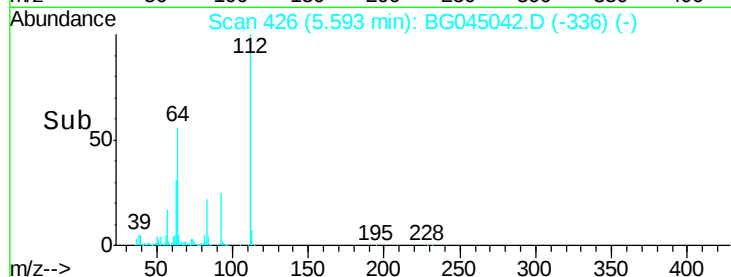
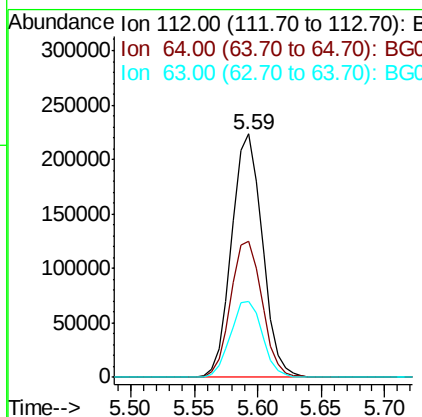
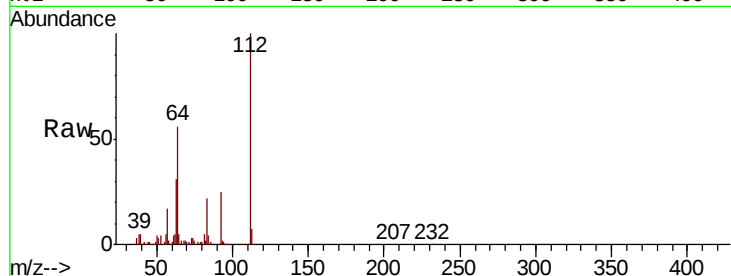
ClientSampleId :

SSTDCCC40

Tot Ion	Ratio	Resp	Lower	Upper
112	100	375245		
64	55.8	42.4	63.6	
63	31.3	23.1	34.7	

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#6

Aniline

Concen: 41.238 ng

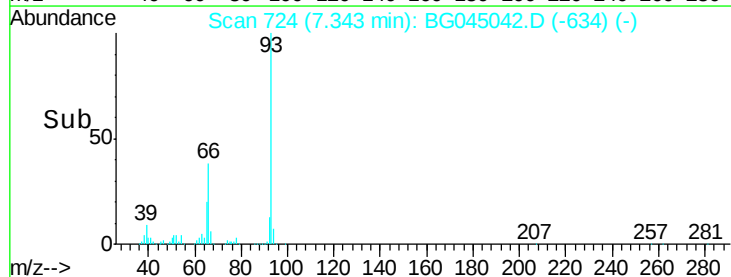
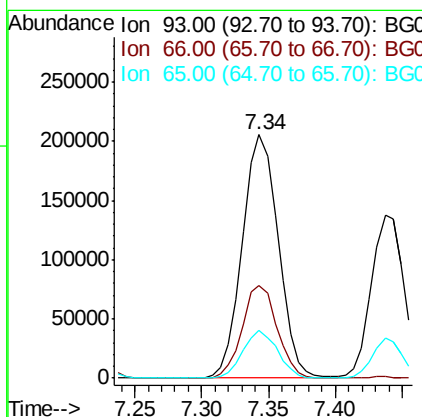
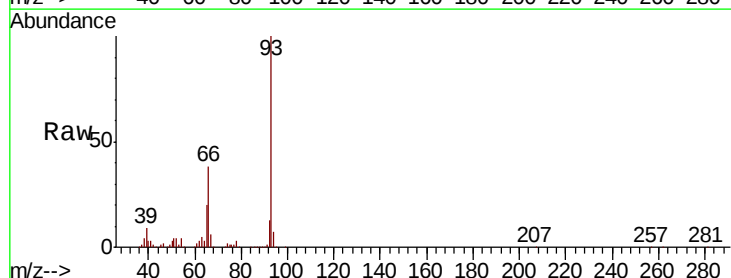
RT: 7.34 min Scan# 724

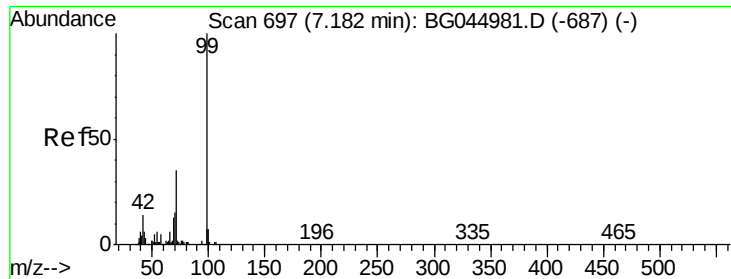
Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	383959		
66	37.8	29.8	44.8	
65	19.6	14.6	22.0	





#7

Phenol-d6

Concen: 85.593 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

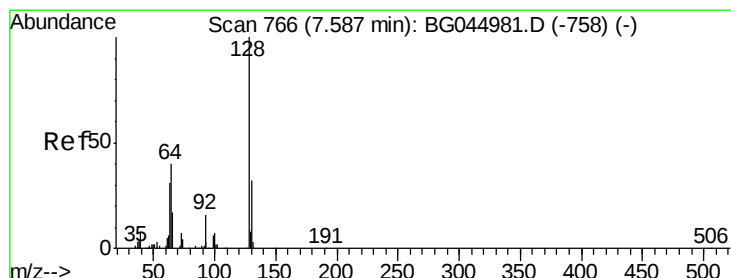
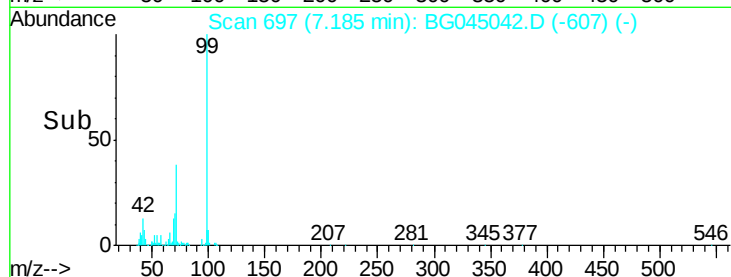
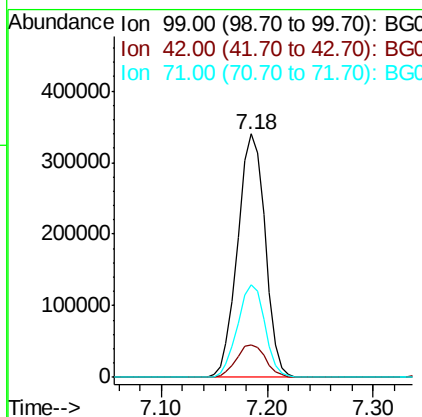
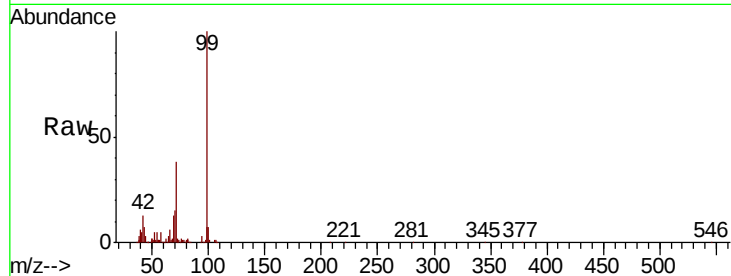
ClientSampleId :

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Tot Ion:	99	Resp:	612943
Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.3	16.9
71	37.9	28.3	42.5

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#8

2-Chlorophenol

Concen: 42.198 ng

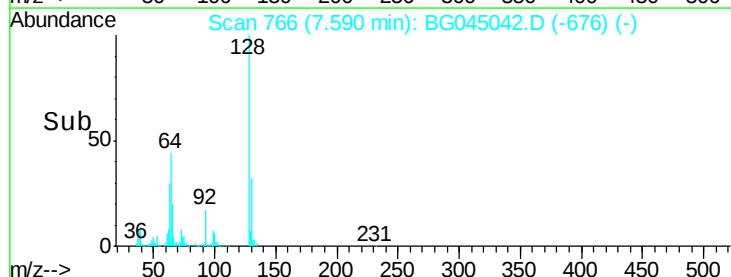
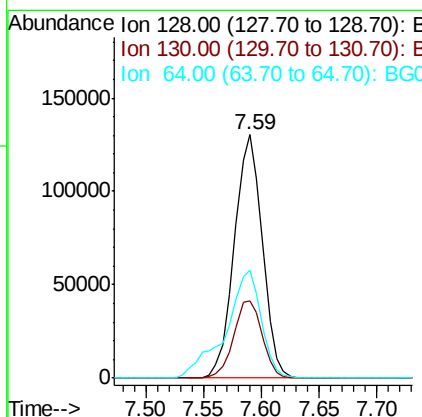
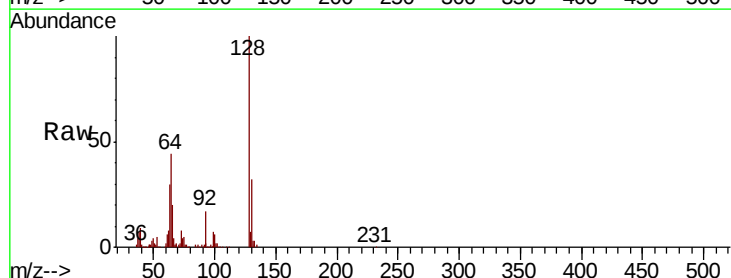
RT: 7.59 min Scan# 766

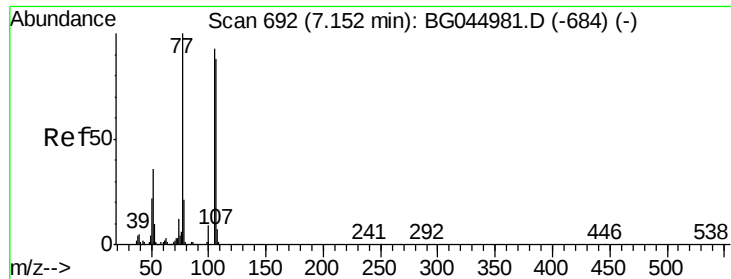
Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	128	Resp:	218591
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.3	52.3
64	44.2	24.4	64.4





#9

Benzaldehyde

Concen: 38.211 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

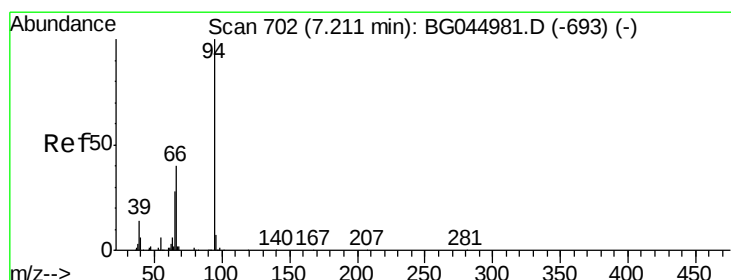
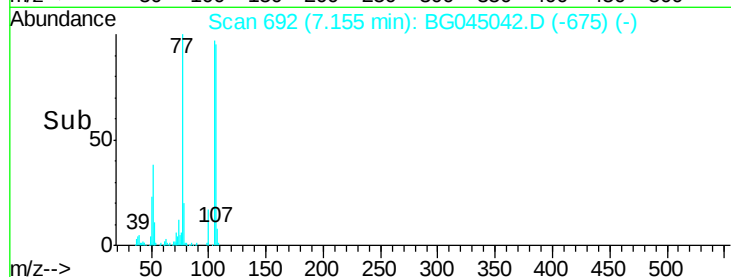
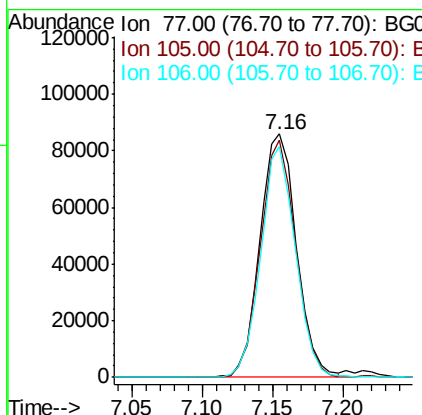
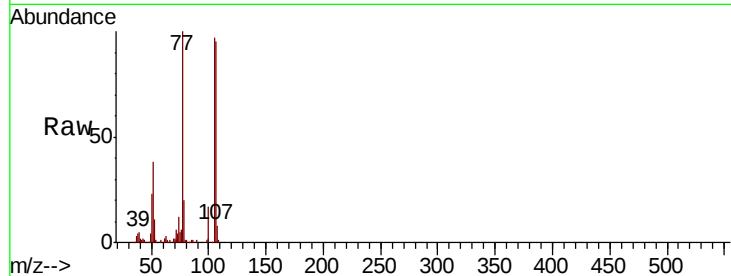
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Tot Ion:	77	Resp:	156264
Ion	Ratio	Lower	Upper
77	100		
105	97.2	72.9	112.9
106	94.6	67.6	107.6

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#10

Phenol

Concen: 42.611 ng

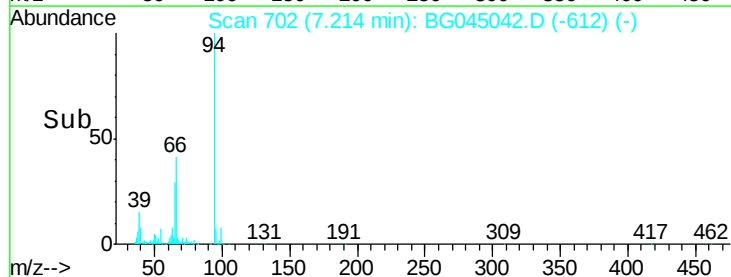
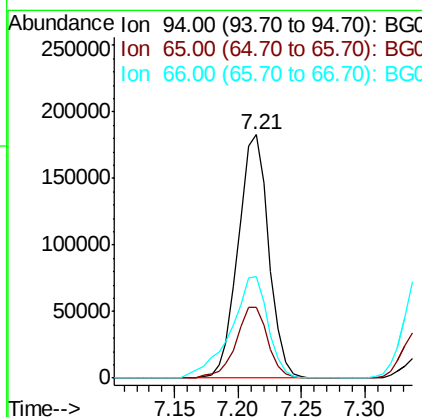
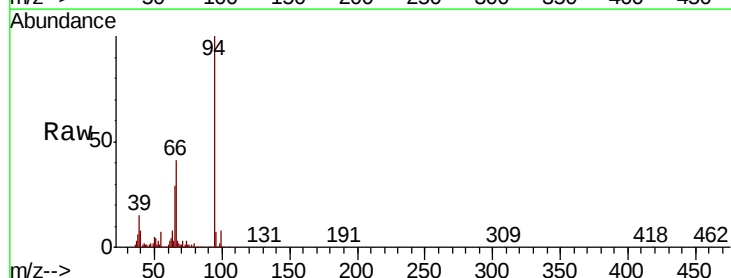
RT: 7.21 min Scan# 702

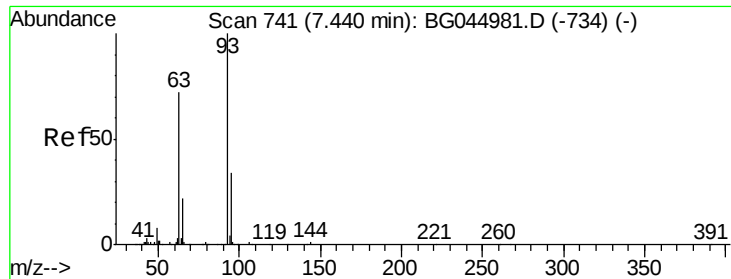
Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	94	Resp:	305350
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.2	48.2
66	41.5	20.4	60.4





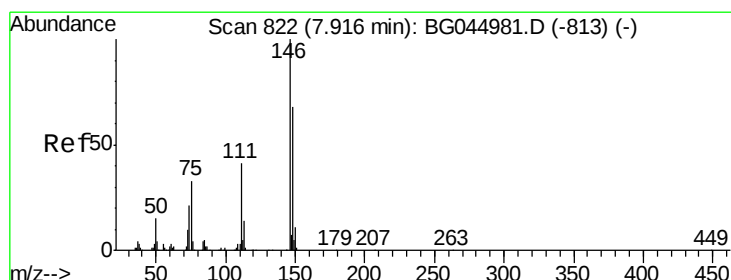
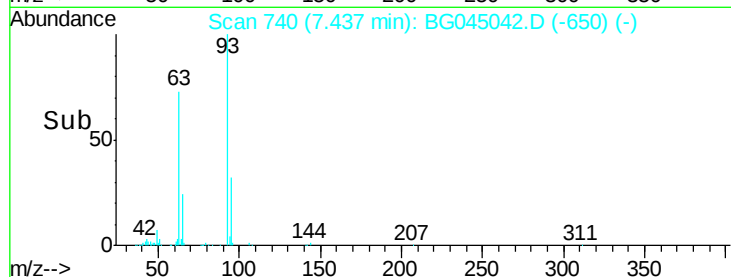
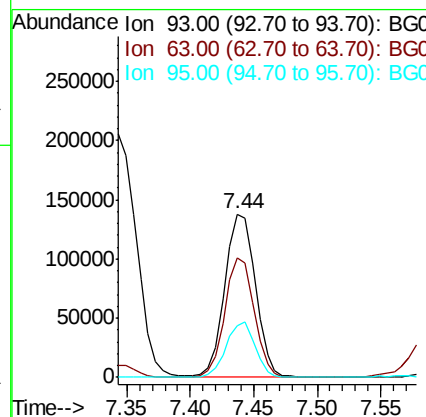
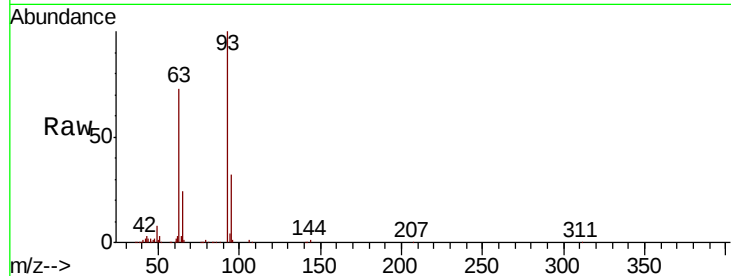
#11
bis(2-Chloroethyl)ether
Concen: 40.751 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	93	Resp	232503
Ion	Ratio	Lower	Upper
93	100		
63	73.1	51.8	91.8
95	32.0	13.8	53.8

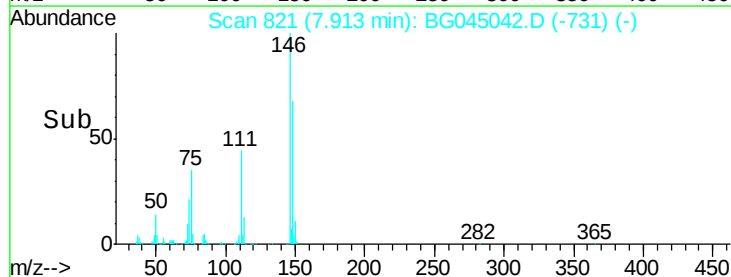
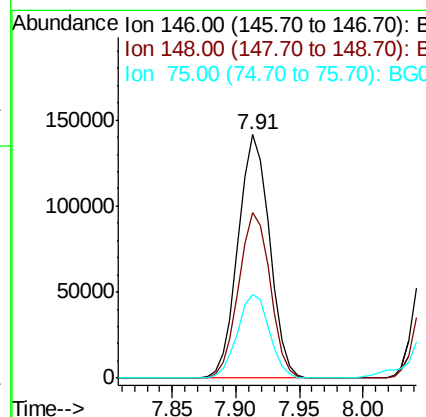
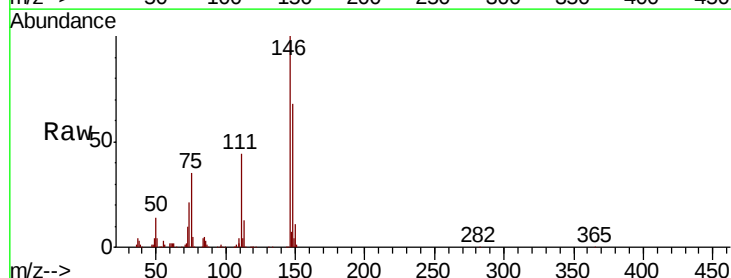
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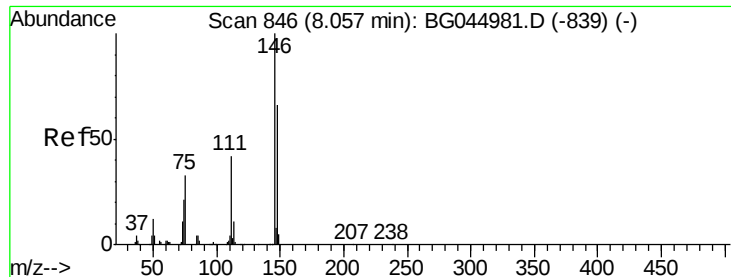
mohammad
4/20/2020 2:28:08 PM



#12
1,3-Dichlorobenzene
Concen: 39.796 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	146	Resp	242920
Ion	Ratio	Lower	Upper
146	100		
148	68.1	54.6	81.8
75	34.5	26.0	39.0





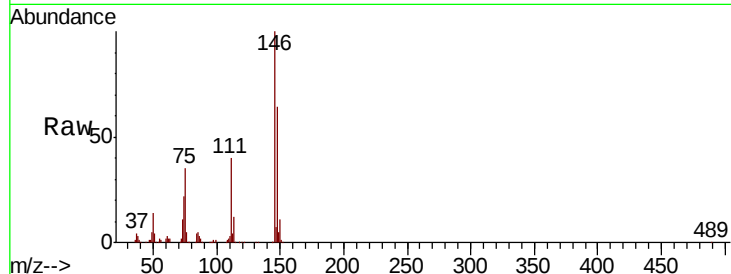
#13
 1,4-Dichlorobenzene
 Concen: 40.501 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.3	79.9
111	40.4	33.8	50.8

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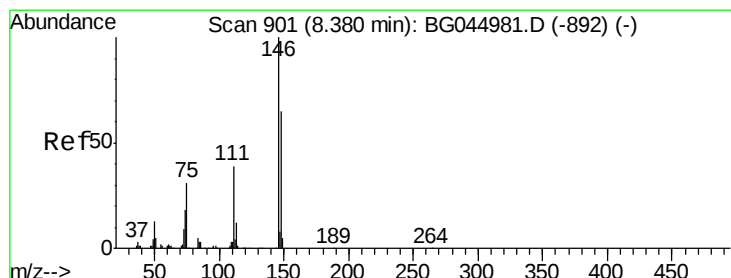
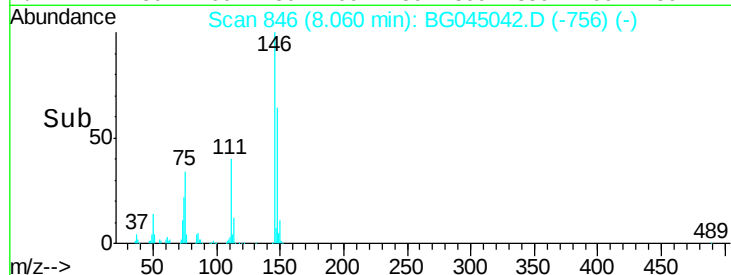
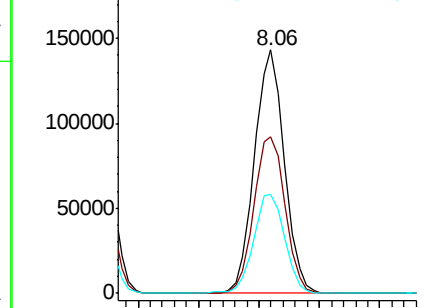


Abundance

Ion 146.00 (145.70 to 146.70): E

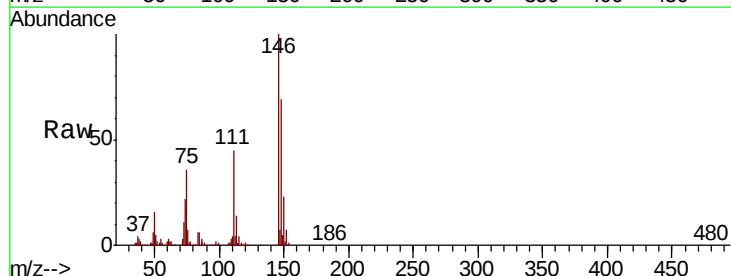
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.035 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	51.9	77.9
111	45.0	31.3	46.9

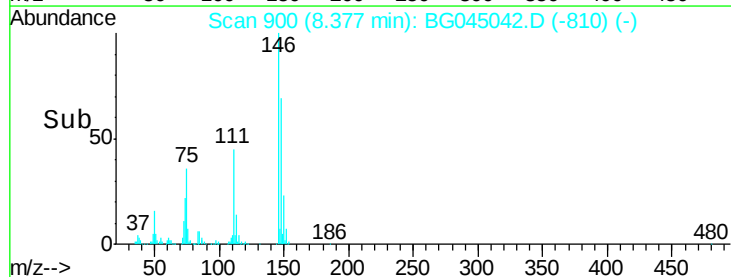
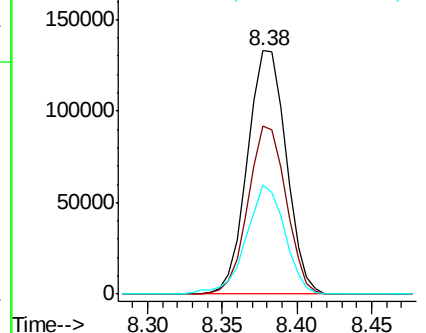


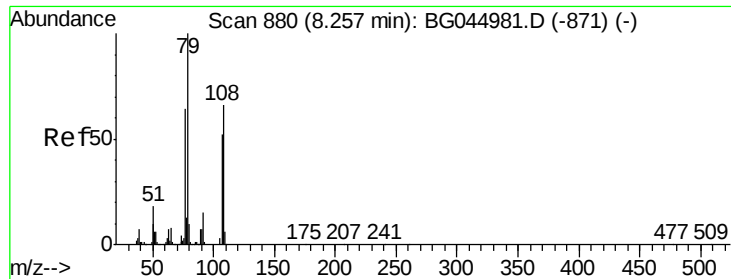
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





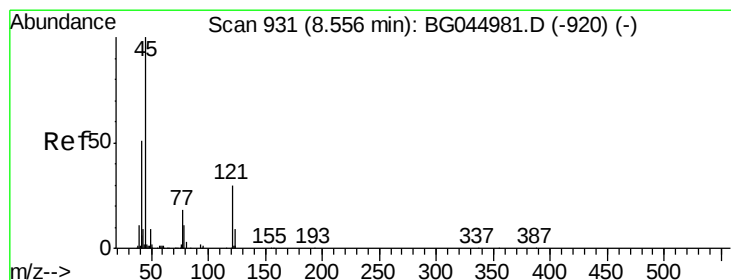
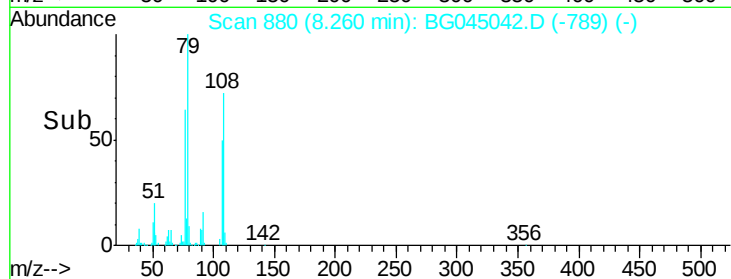
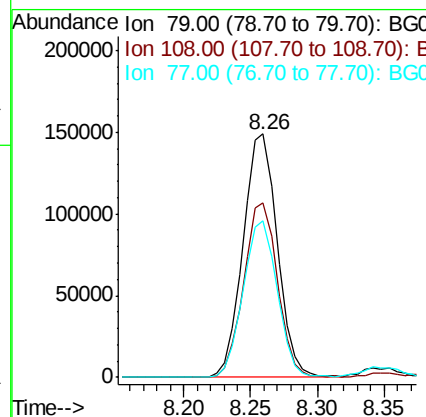
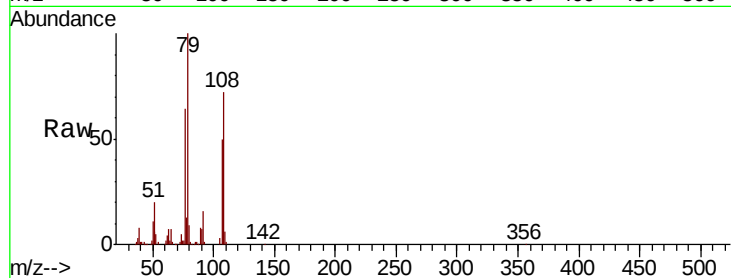
#15
Benzyl Alcohol
Concen: 43.916 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	52.7	79.1
77	64.5	51.3	76.9

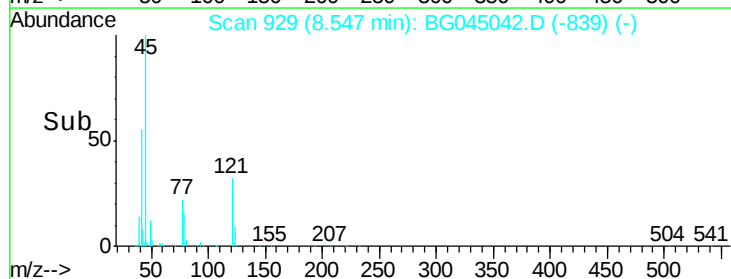
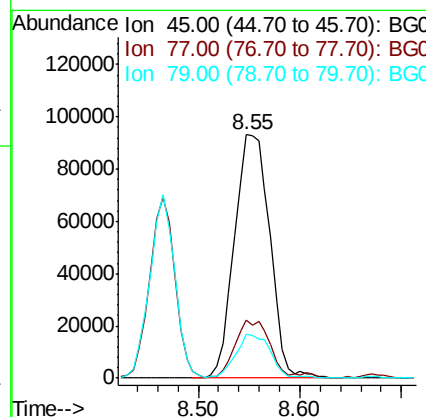
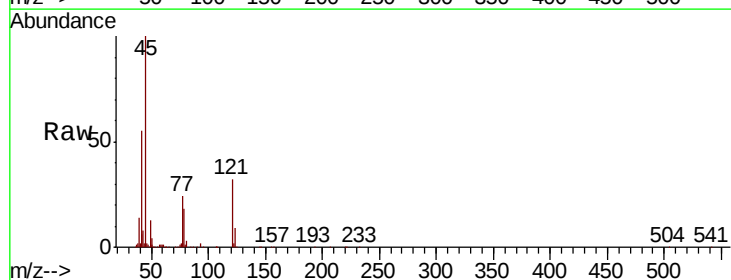
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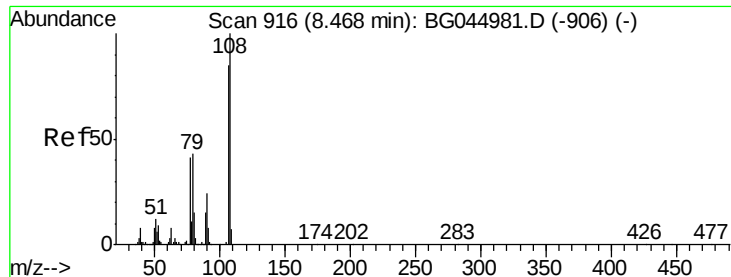
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.257 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.7	1.9	41.9
79	17.9	0.0	35.5





#17

2-Methylphenol

Concen: 42.166 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

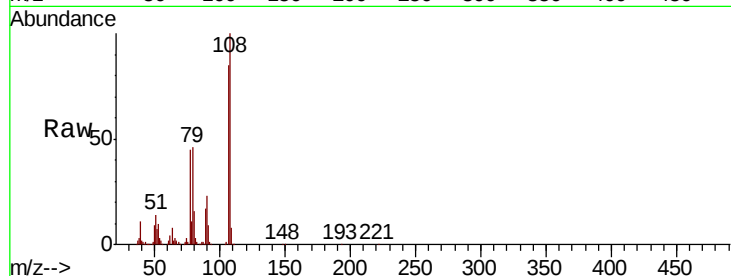
ClientSampleId :

SSTDCCC40

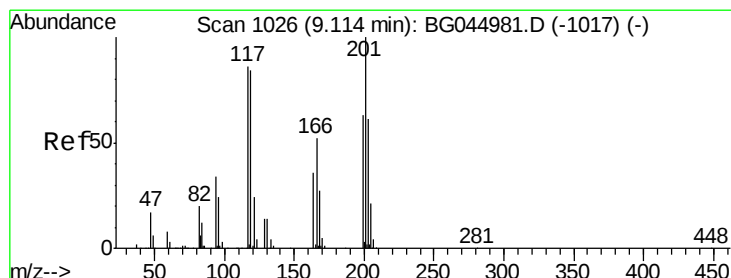
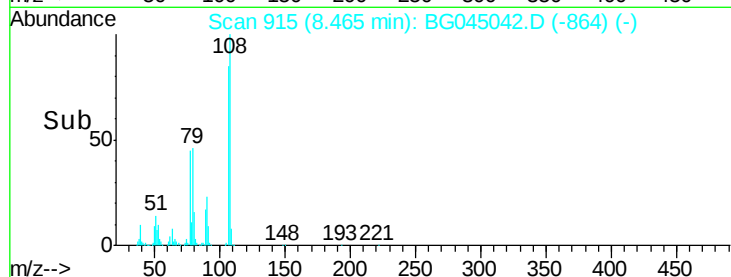
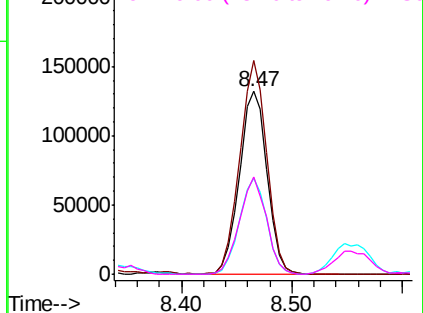
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	93.8	140.6	
77	52.6	38.5	57.7	
79	53.2	40.1	60.1	

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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: 41.094 ng

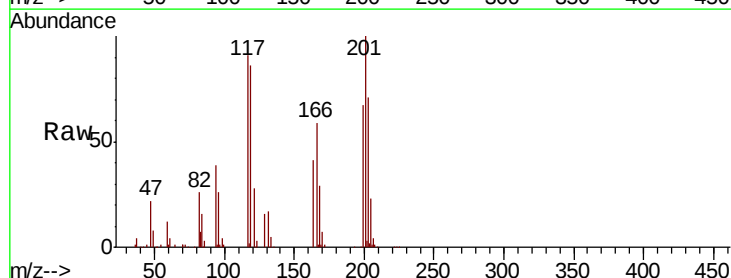
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

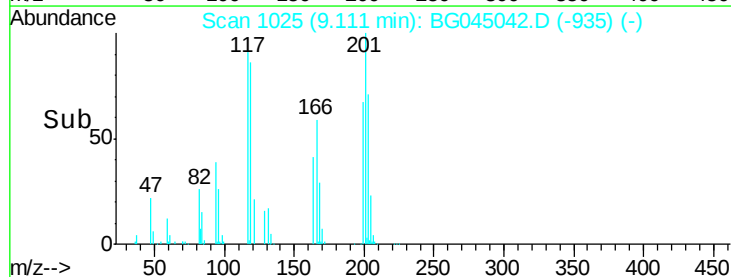
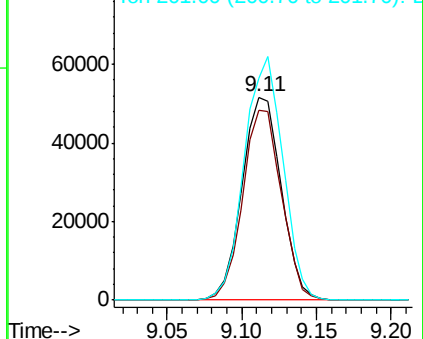
Lab File: BG045042.D

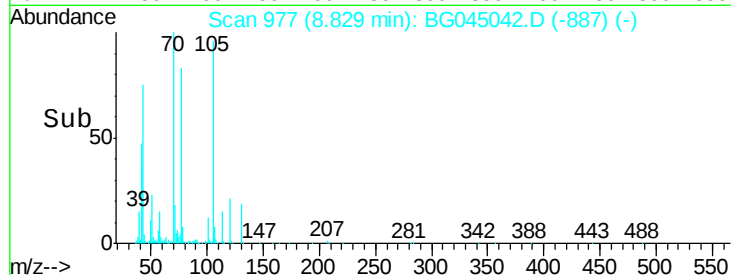
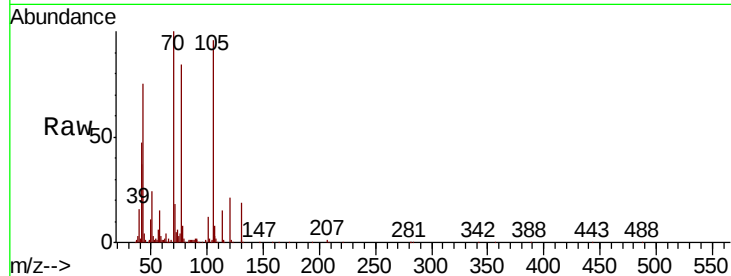
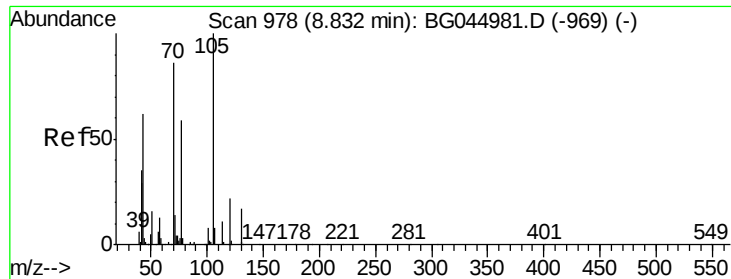
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	78.3	117.5	
201	109.4	92.9	139.3	



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





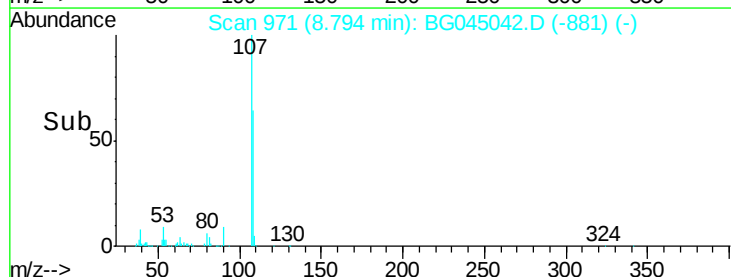
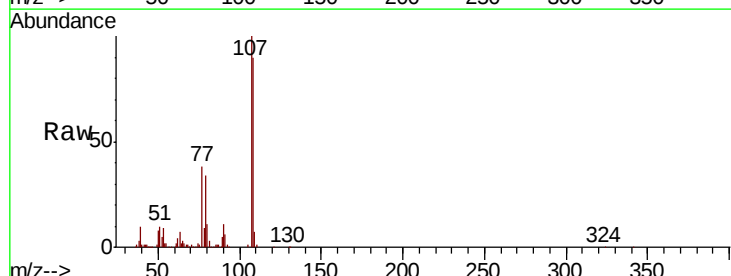
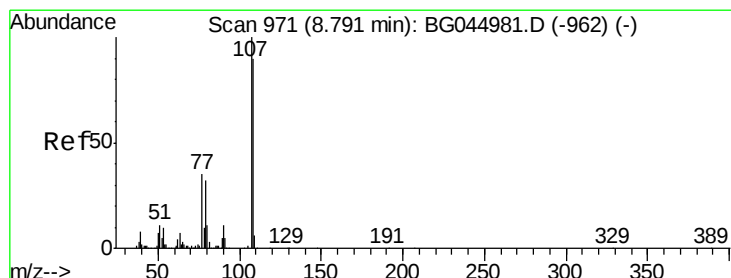
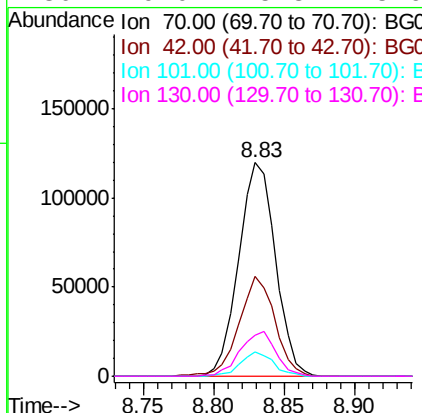
#19
n-Nitroso-di-n-propylamine
Concen: 43.094 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		218245		
42	46.9	33.3	49.9		
101	11.5	7.8	11.8		
130	19.0	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

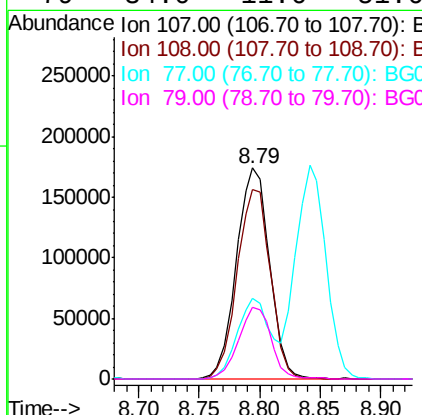
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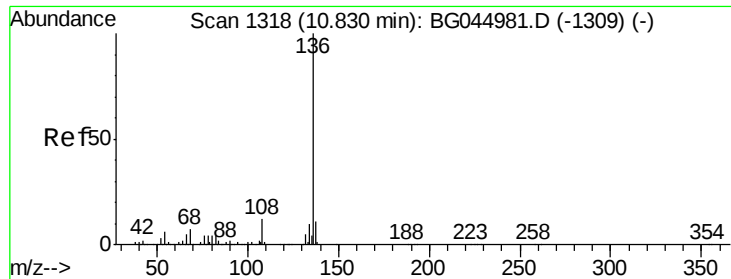
mohammad
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#20
3+4-Methylphenols
Concen: 43.067 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		333293		
108	89.8	69.9	109.9		
77	38.1	15.2	55.2		
79	34.0	11.6	51.6		





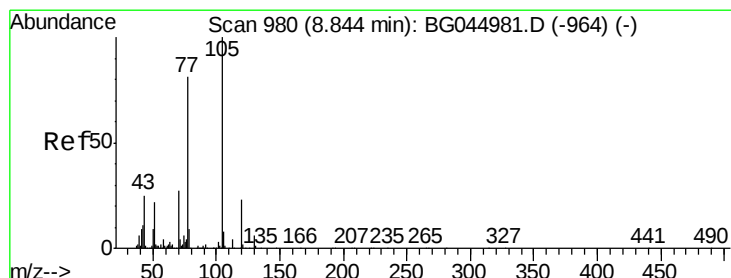
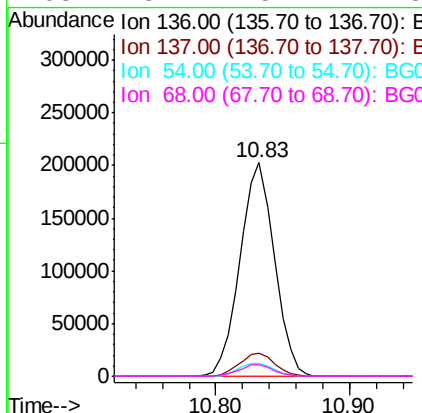
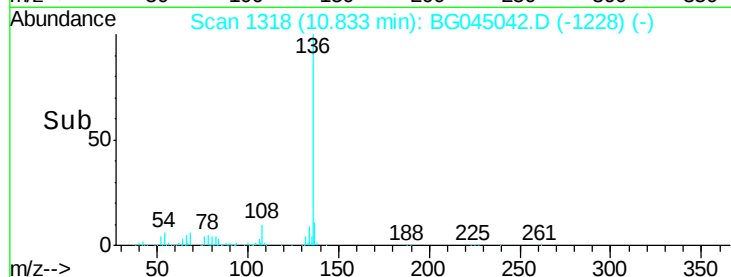
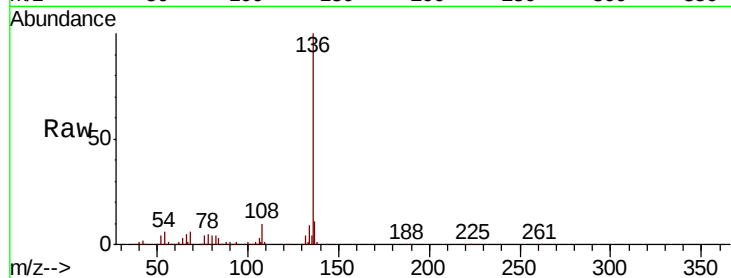
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		360535		
137	10.6		8.6	13.0	
54	6.0		4.8	7.2	
68	5.7		5.2	7.8	

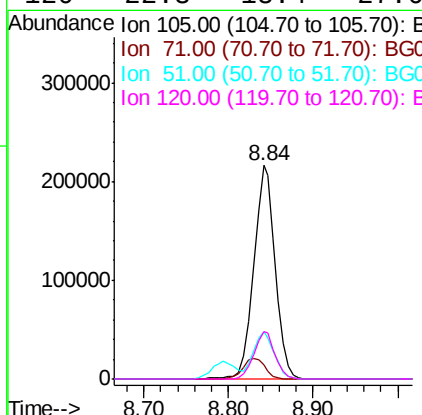
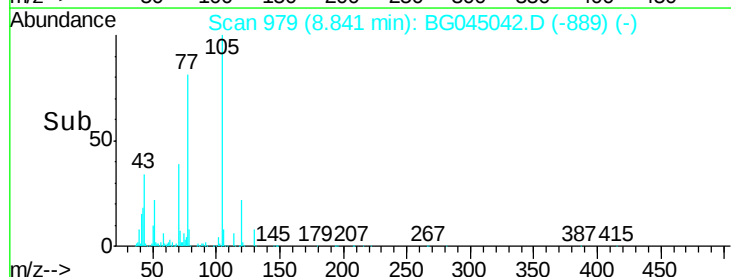
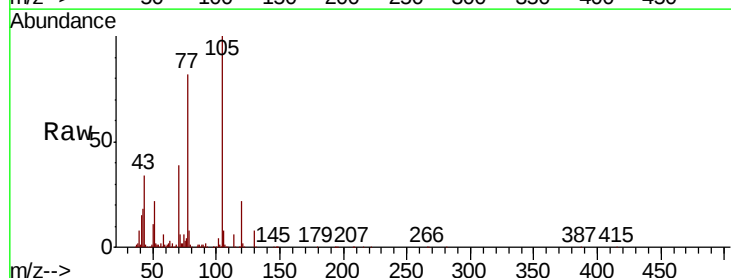
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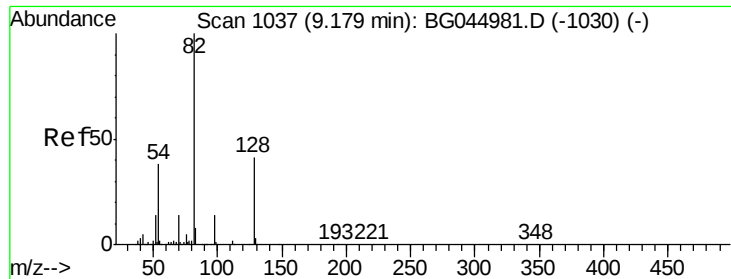
mohammad
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#22
Acetophenone
Concen: 39.265 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		382826		
71	6.5		3.3	4.9#	
51	22.2		17.3	25.9	
120	22.3		18.4	27.6	





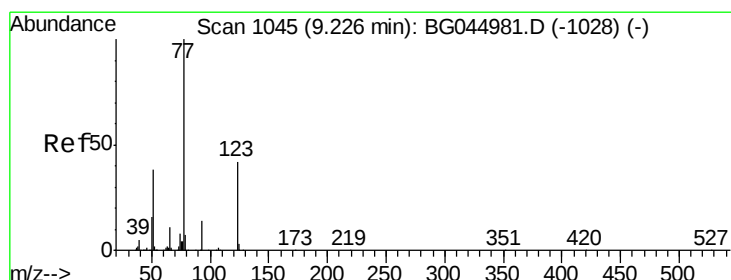
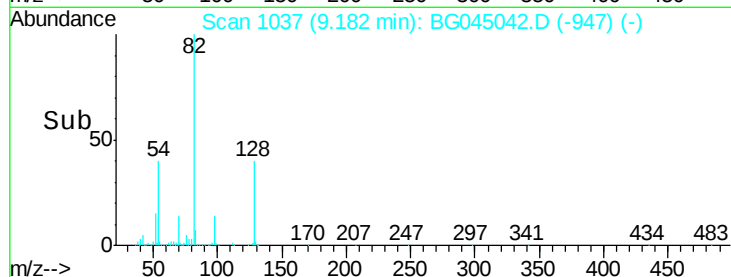
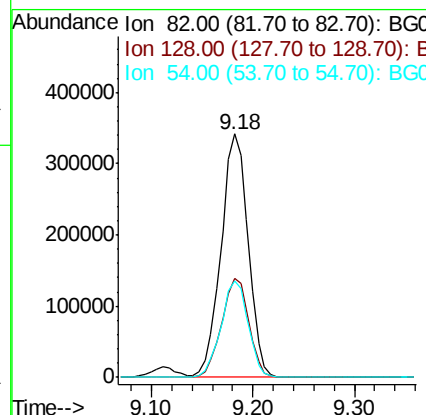
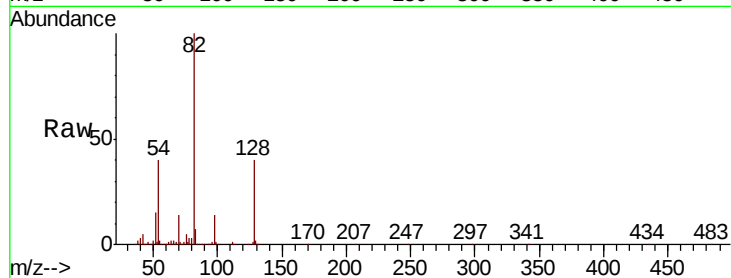
#23
Nitrobenzene-d5
Concen: 80.003 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.0	49.4
54	39.7	30.4	45.6

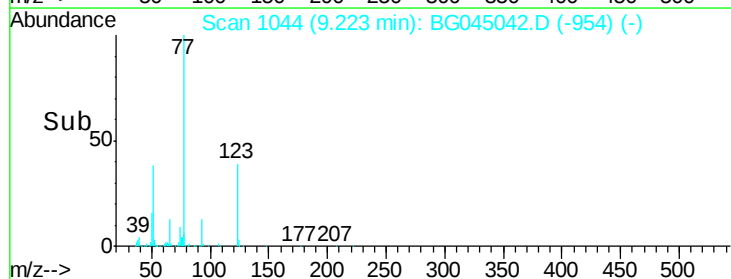
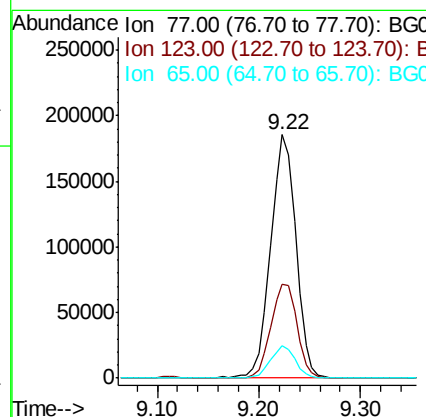
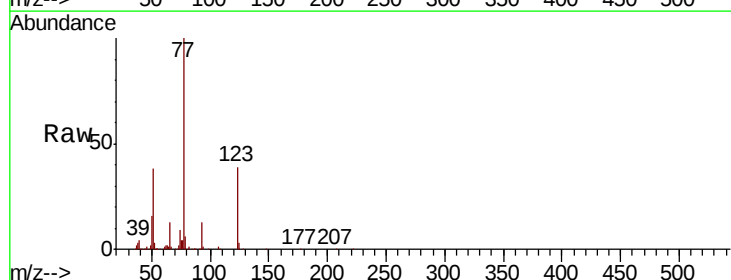
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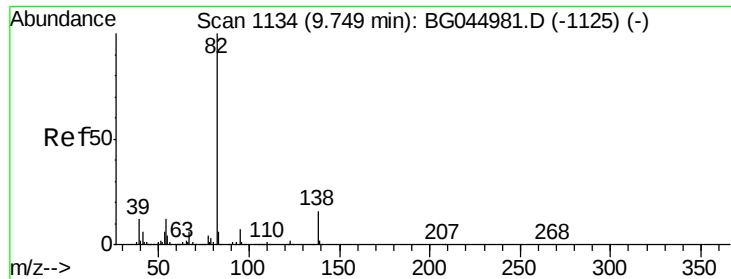
mohammad
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#24
Nitrobenzene
Concen: 39.799 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	34.3	51.5
65	13.1	8.9	13.3





#25

Isophorone

Concen: 40.238 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

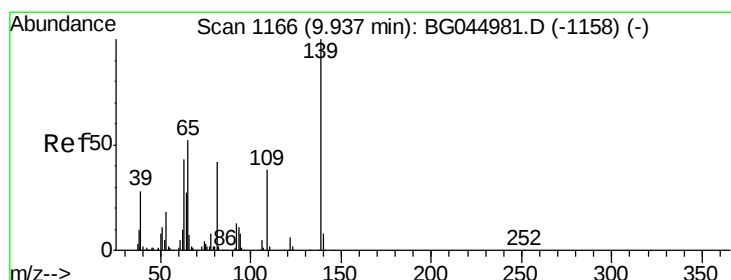
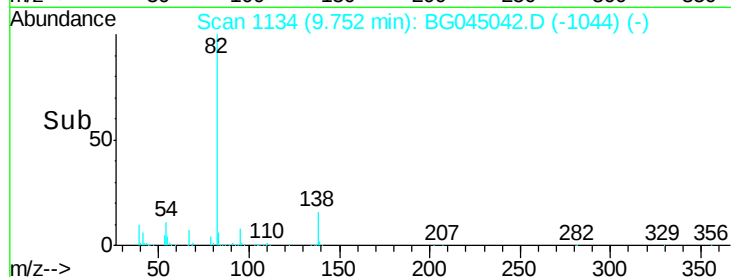
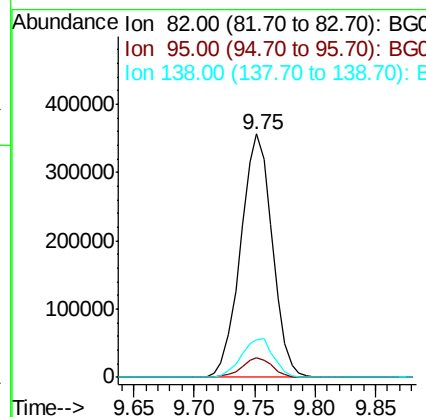
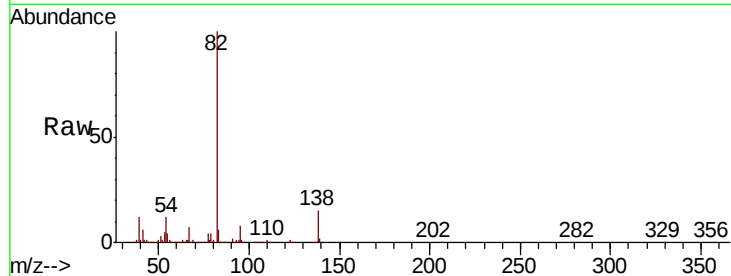
ClientSampleId :

SSTDCCC40

Tot Ion:	82	Resp:	651100
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.0	9.0
138	15.5	12.7	19.1

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#26

2-Nitrophenol

Concen: 42.403 ng

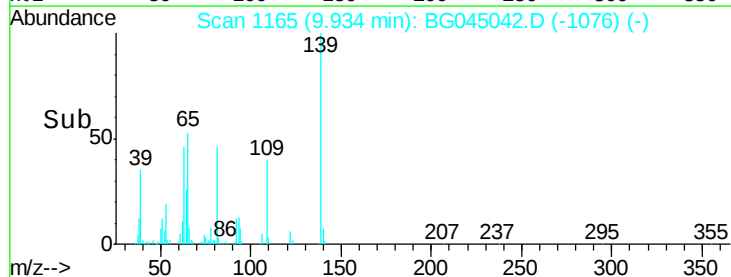
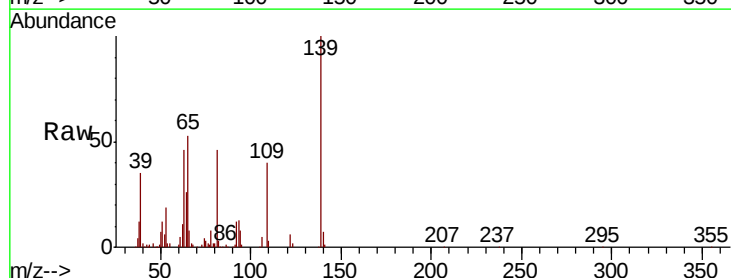
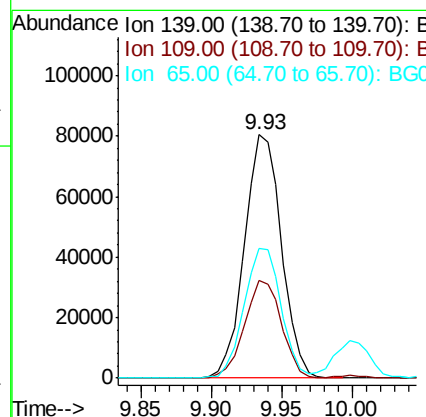
RT: 9.93 min Scan# 1165

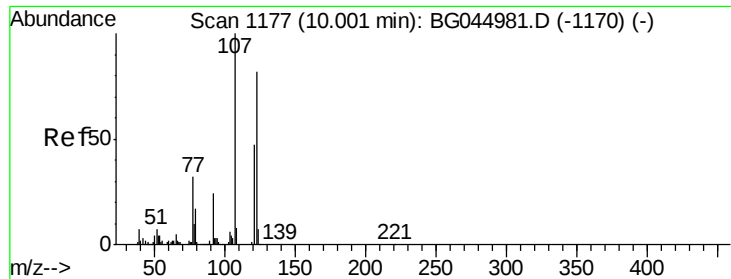
Delta R.T. -0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	139	Resp:	147933
Ion Ratio	Lower	Upper	
139	100		
109	40.0	30.6	45.8
65	53.2	41.8	62.6





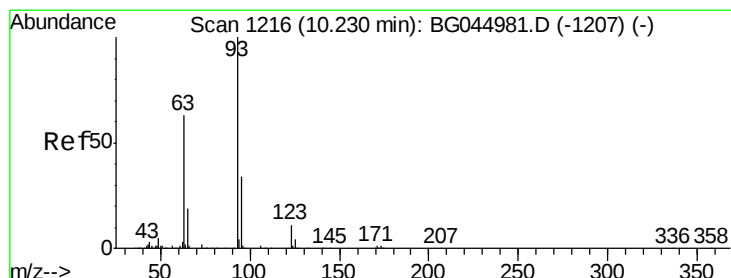
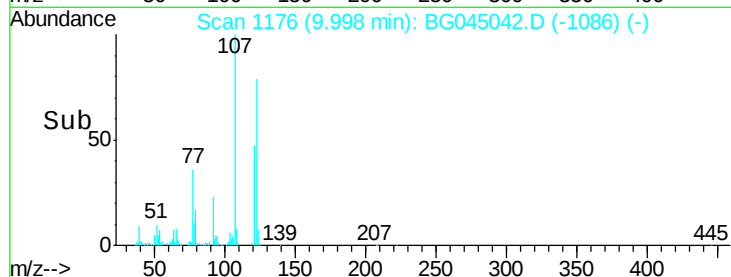
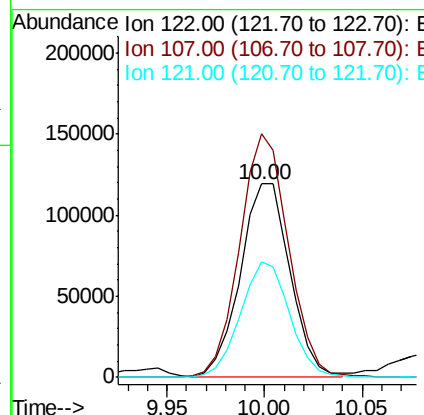
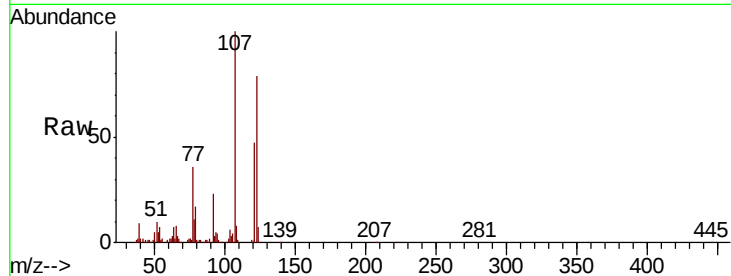
#27
 2,4-Dimethylphenol
 Concen: 38.013 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC40

Tot Ion	Ratio	Resp	Lower	Upper
122	100	210427		
107	125.8	96.8	145.2	
121	59.5	45.6	68.4	

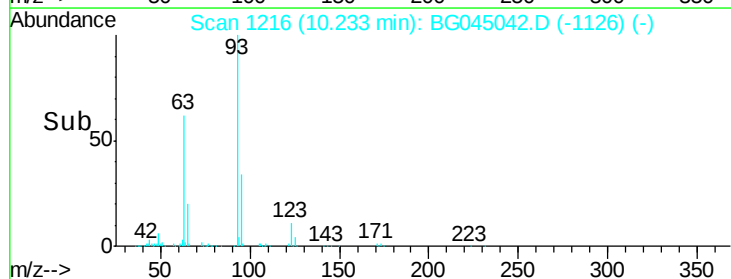
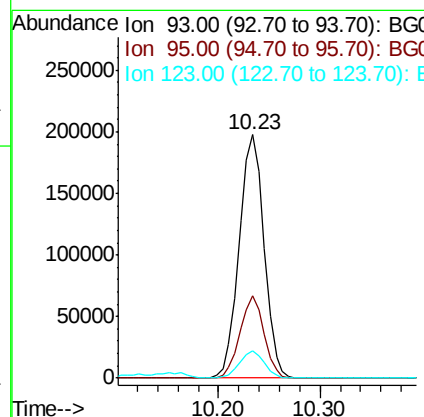
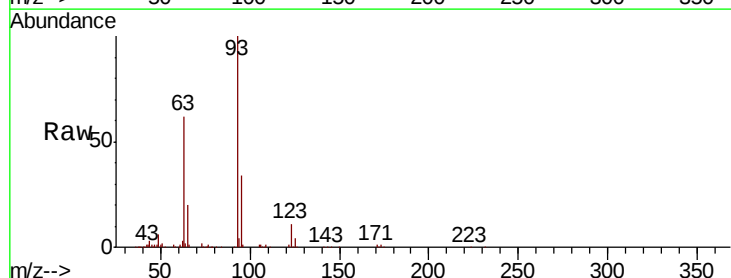
Manual Integrations
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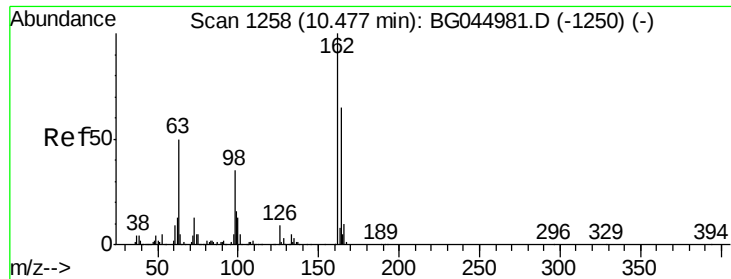
mohammad
 4/20/2020 2:28:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.603 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	336697		
95	33.6	27.0	40.4	
123	11.2	8.7	13.1	





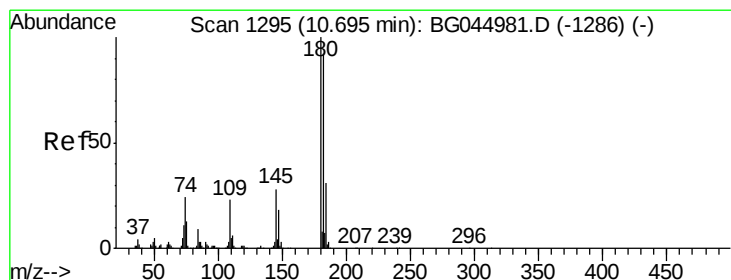
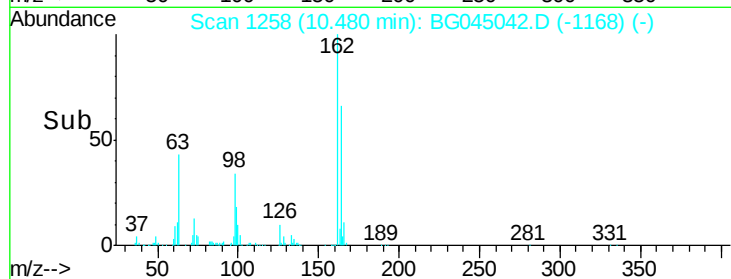
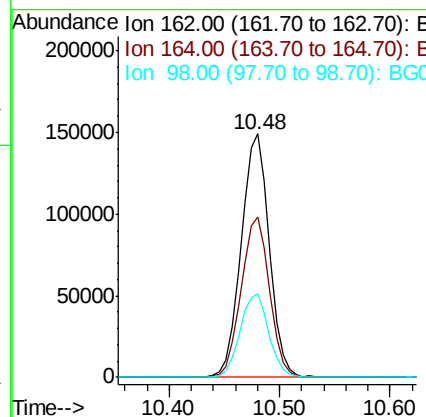
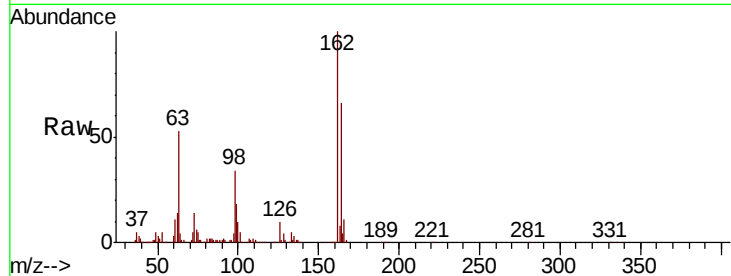
#29
 2,4-Dichlorophenol
 Concen: 41.667 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266331		
164	66.1	45.0	85.0	
98	34.1	15.2	55.2	

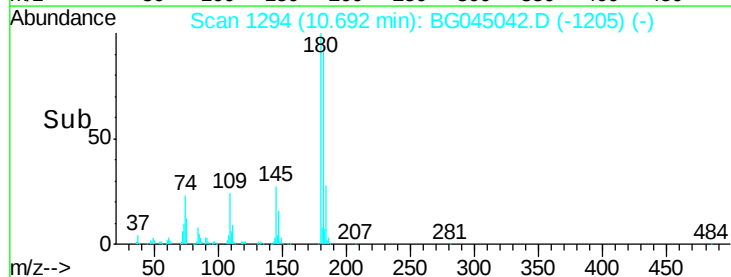
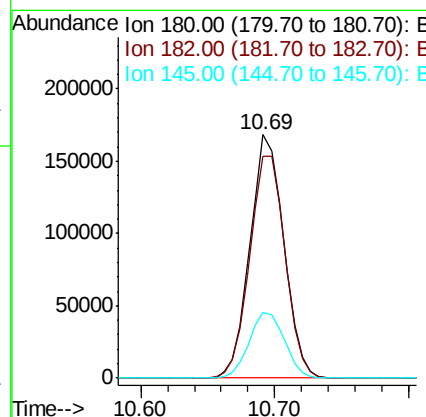
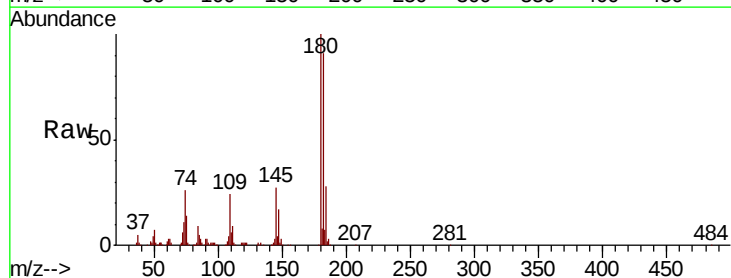
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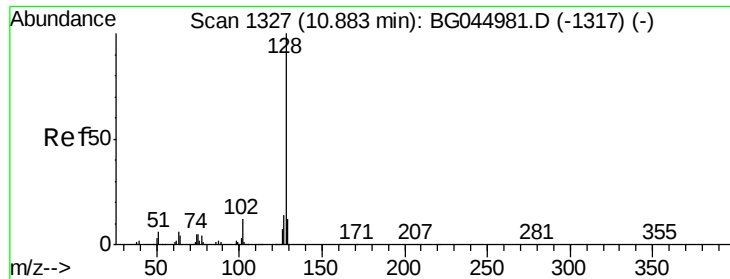
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.595 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293787		
182	91.3	73.3	109.9	
145	26.7	22.6	33.8	





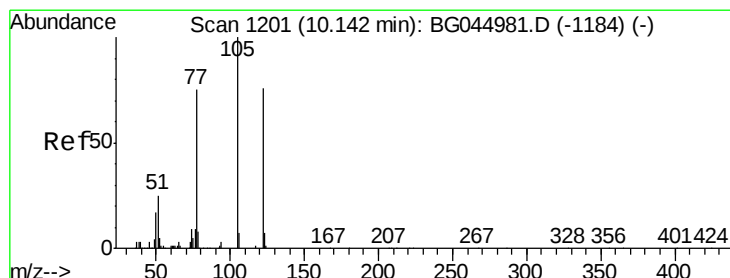
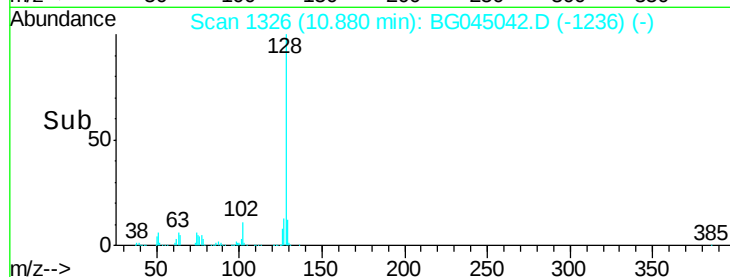
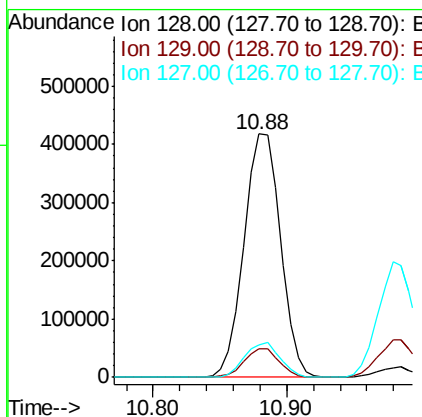
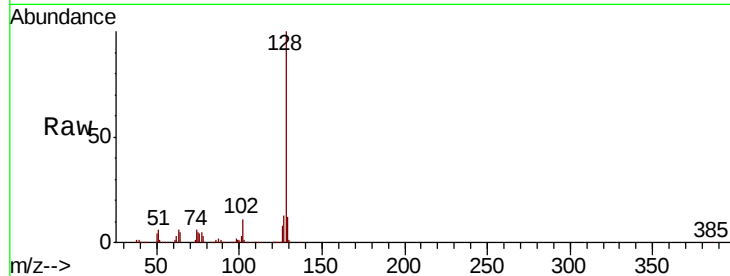
#31
Naphthalene
Concen: 40.024 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.4	10.8	16.2

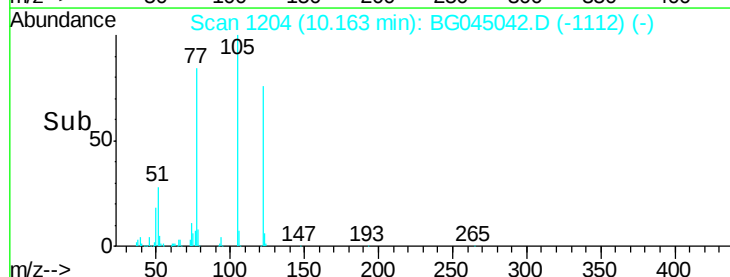
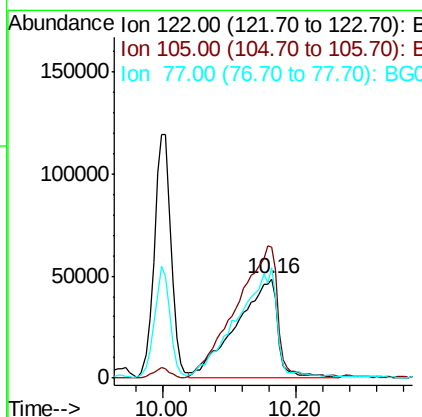
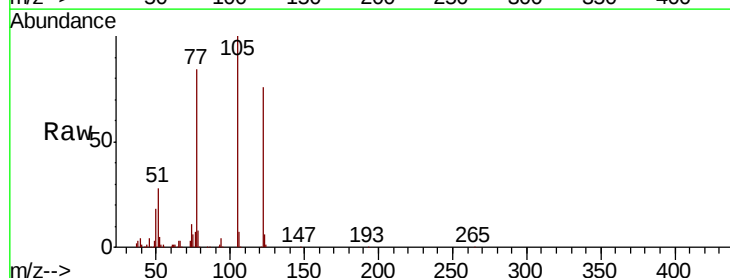
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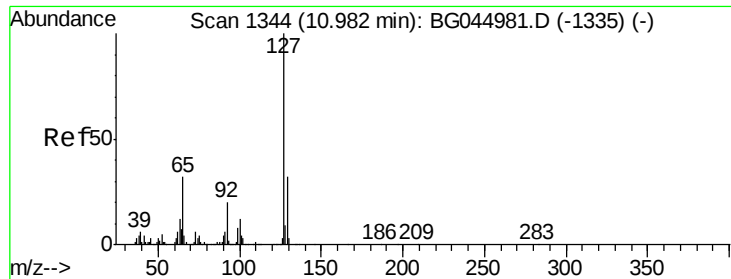
mohammad
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#32
Benzoic acid
Concen: 45.994 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	108.4	148.4
77	110.4	78.8	118.8





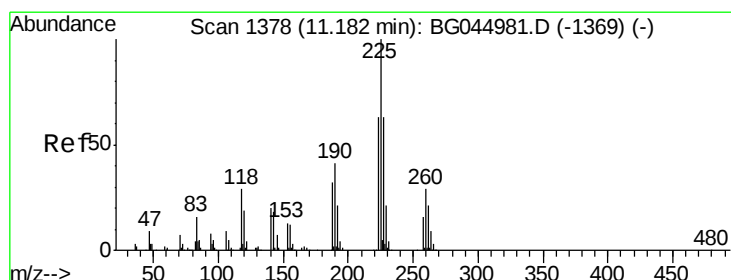
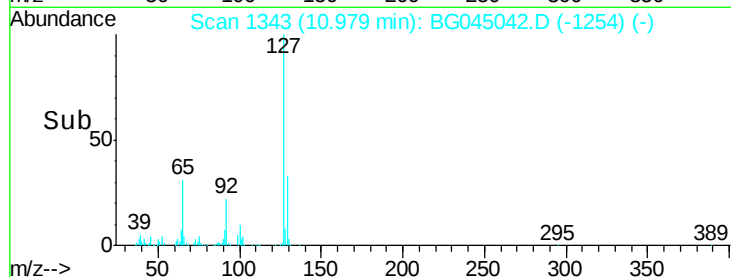
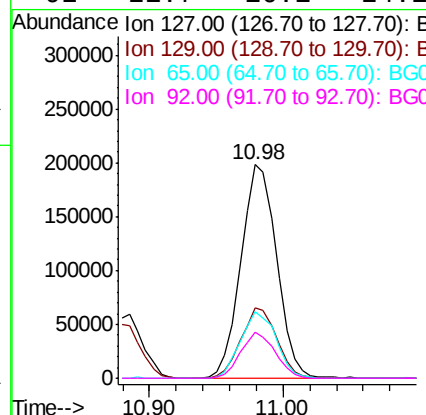
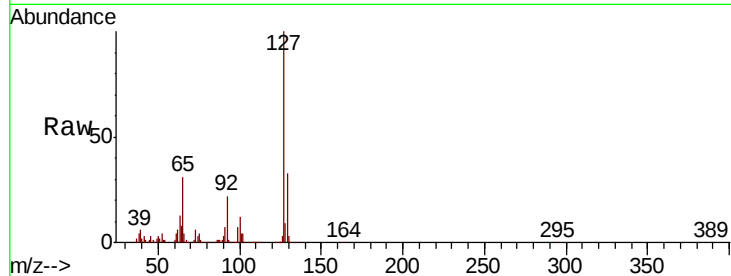
#33
4-Chloroaniline
Concen: 39.836 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.7	38.5		
65	31.0	25.4	38.2		
92	21.7	16.1	24.1		

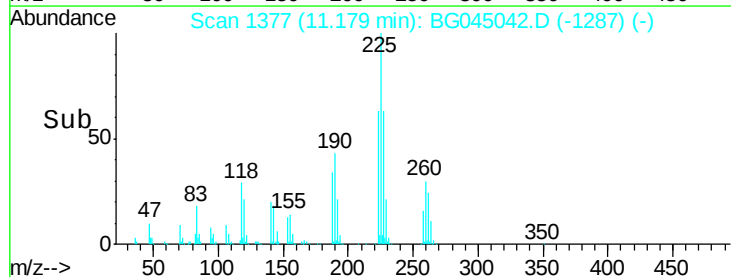
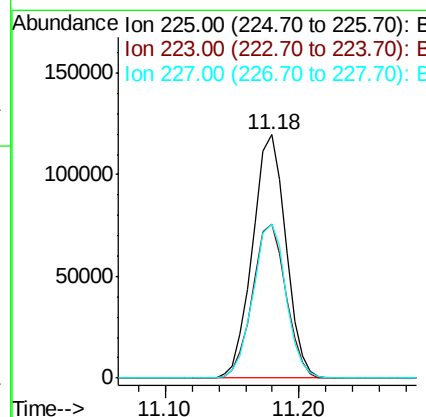
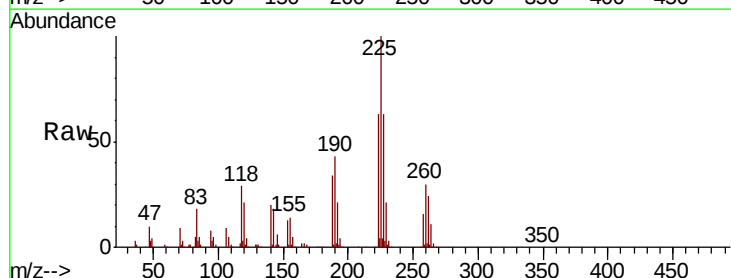
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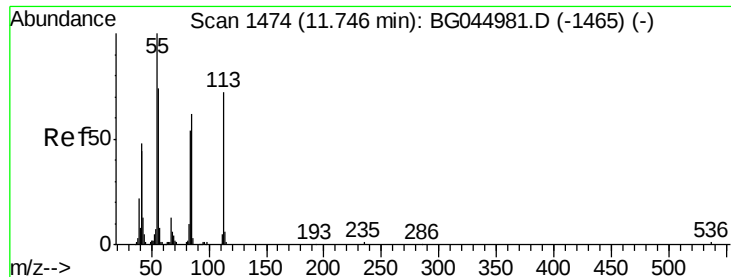
mohammad
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#34
Hexachlorobutadiene
Concen: 41.414 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.7	76.1		
227	63.0	50.2	75.2		





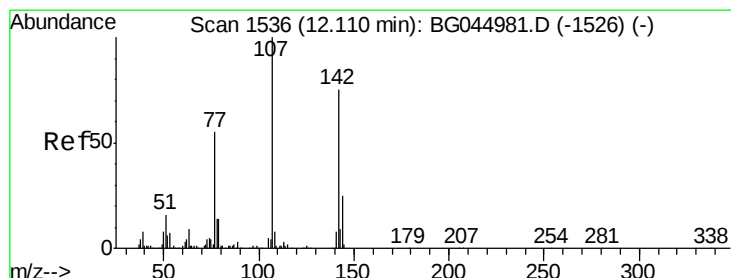
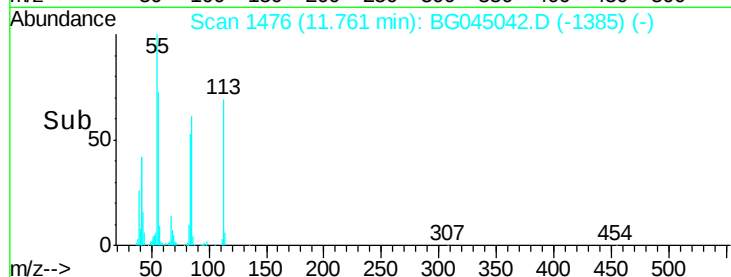
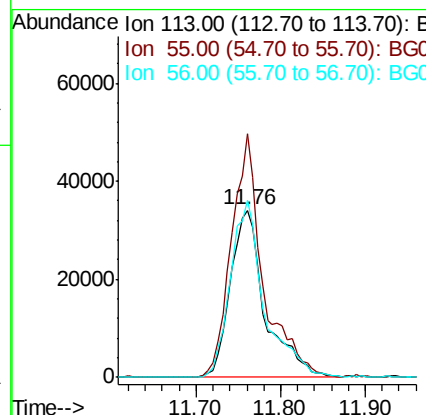
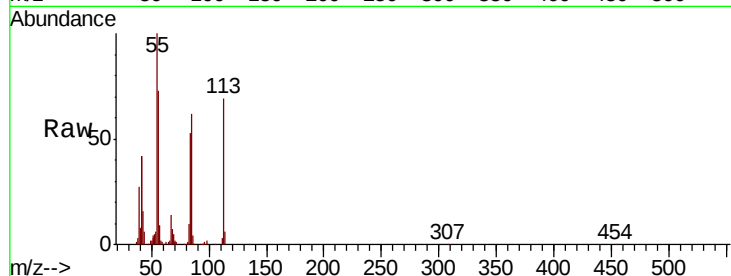
#35
Caprolactam
Concen: 37.897 ng
RT: 11.76 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		96408		
55	145.8		118.8	158.8	
56	106.3		82.6	122.6	

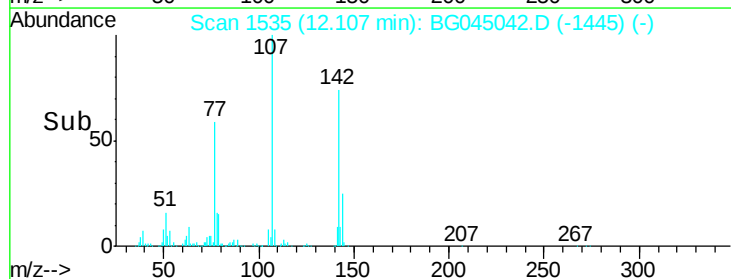
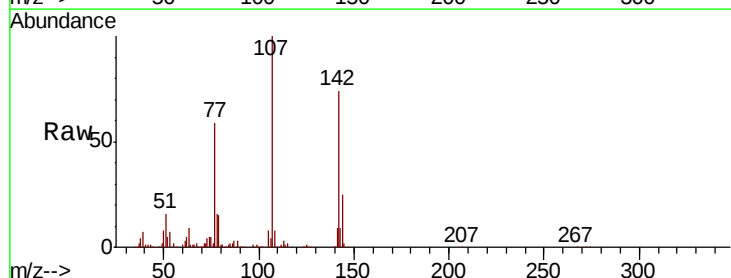
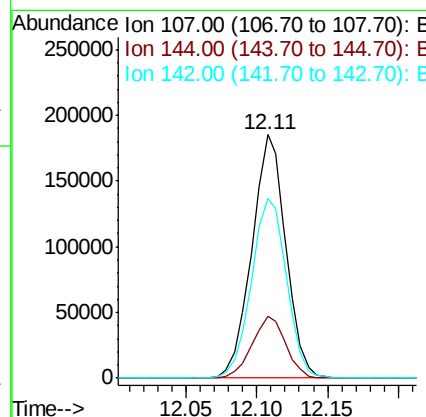
Manual Integrations
APPROVED

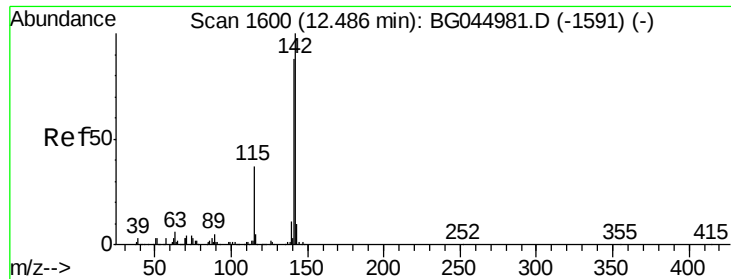
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.625 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		312556		
144	25.5		19.8	29.6	
142	73.7		59.7	89.5	





#37

2-Methylnaphthalene

Concen: 41.249 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

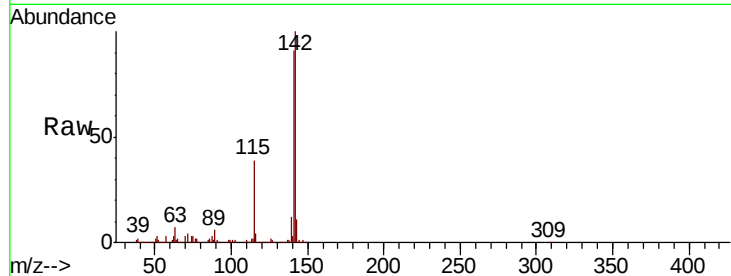
ClientSampleId :

SSTDCCC40

Tot Ion:	142	Resp:	631468
Ion Ratio	Lower	Upper	
142	100		
141	90.6	70.3	105.5
115	39.2	29.8	44.6

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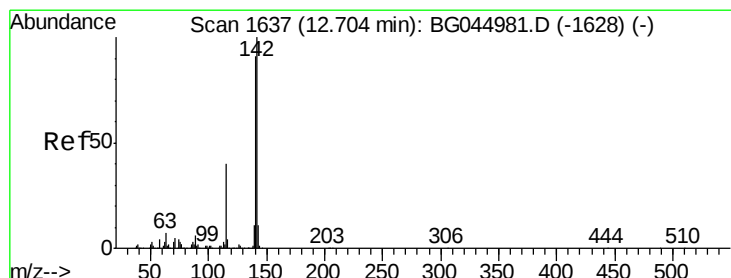
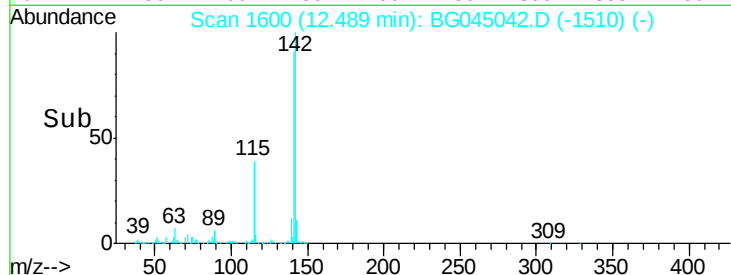
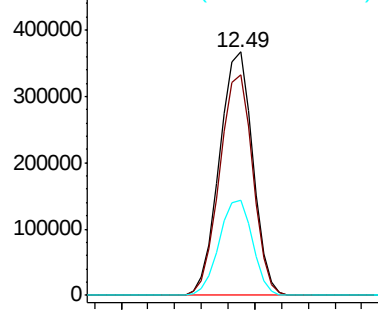


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.318 ng m

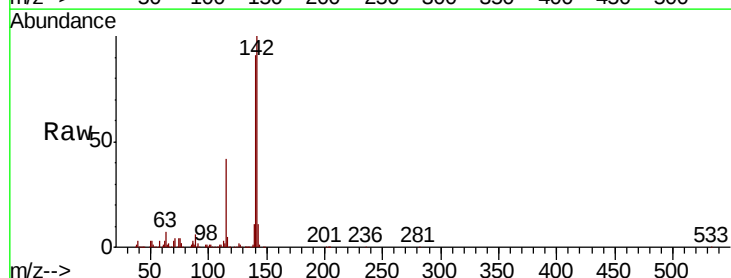
RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	142	Resp:	597127
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.7	109.1
116	4.9	3.1	4.7#

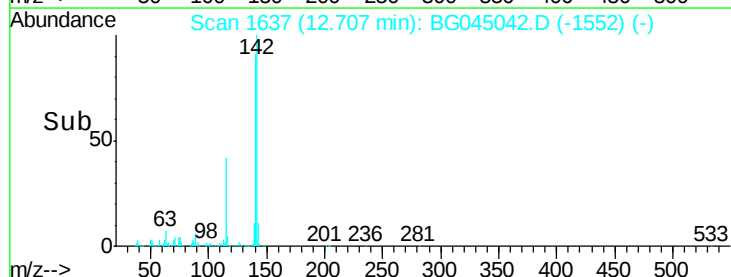
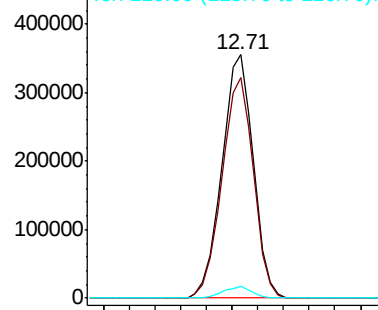


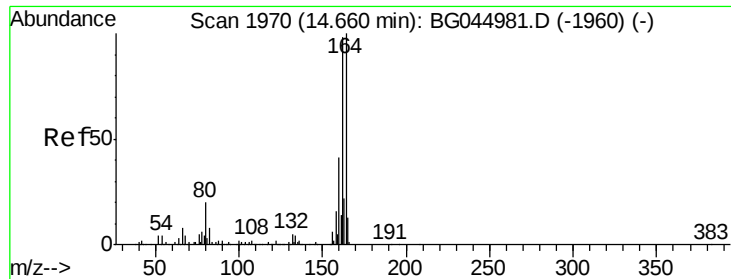
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





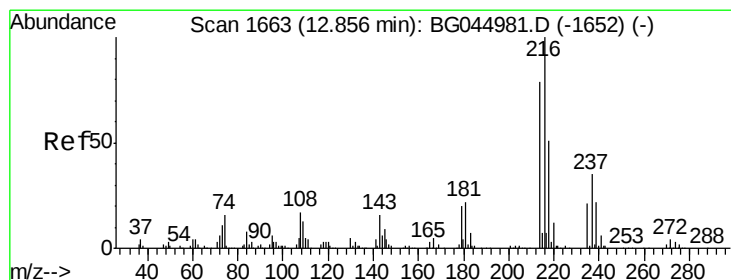
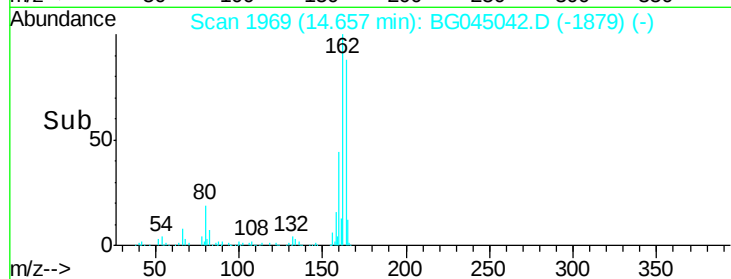
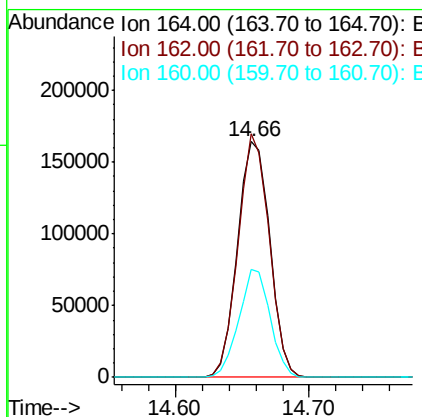
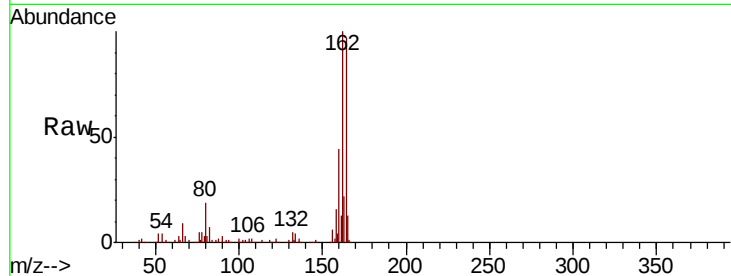
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.7	118.1
160	46.0	32.8	49.2

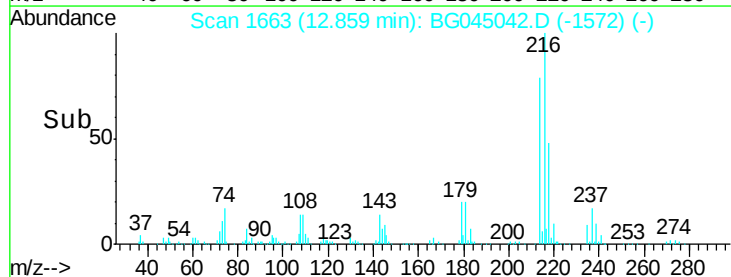
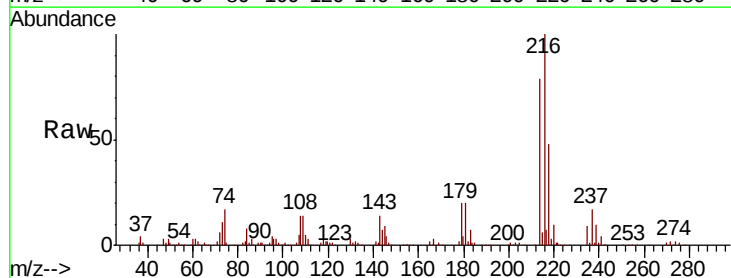
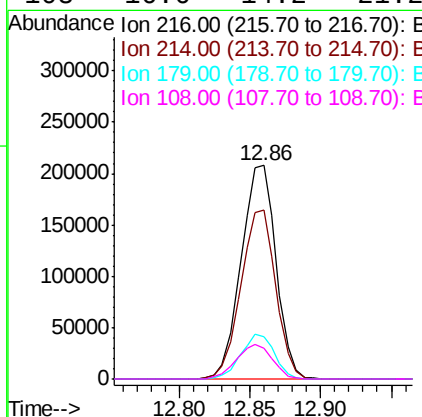
Manual Integrations
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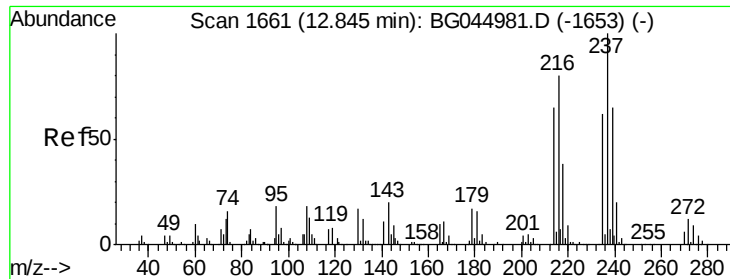
mohammad
4/20/2020 2:28:08 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.690 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.3	15.8	23.8
108	16.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 36.529 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

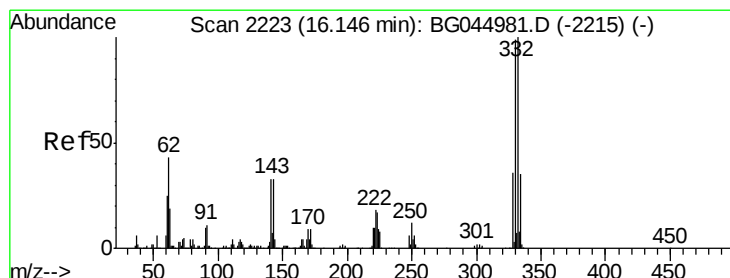
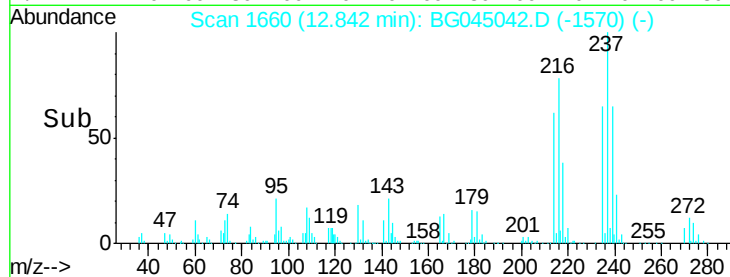
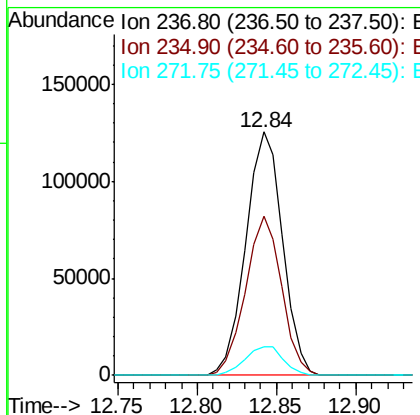
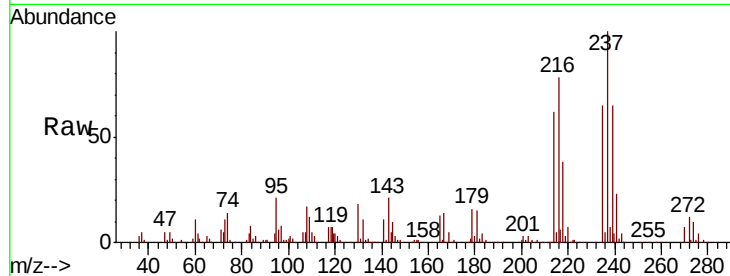
ClientSampleId :

SSTDCCC40

Tot Ion:	237	Resp:	201436
Ion Ratio		Lower	Upper
237	100		
235	65.4	41.6	81.6
272	11.5	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 82.794 ng

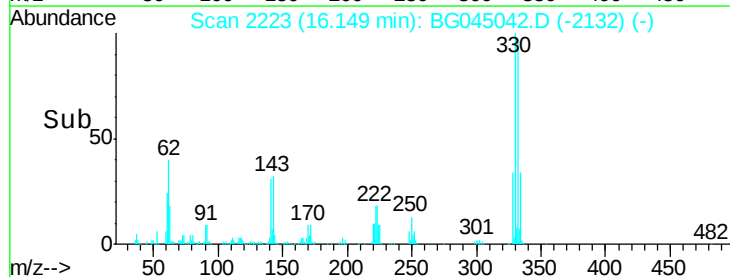
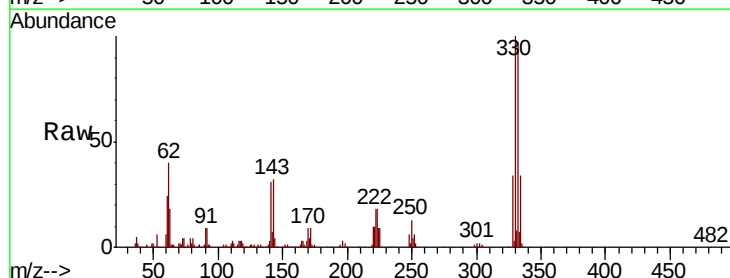
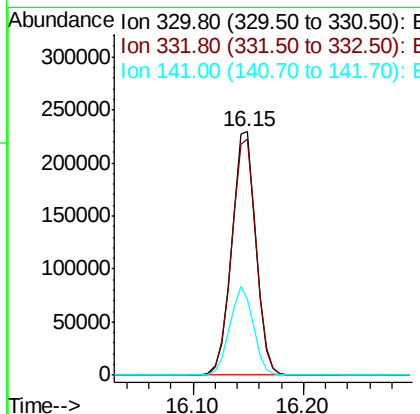
RT: 16.15 min Scan# 2223

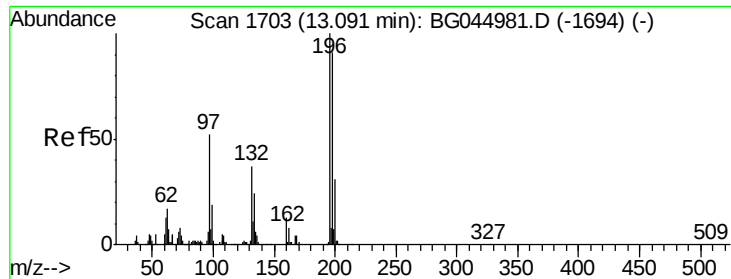
Delta R.T. 0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	330	Resp:	350494
Ion Ratio		Lower	Upper
330	100		
332	98.2	79.1	118.7
141	35.7	27.1	40.7





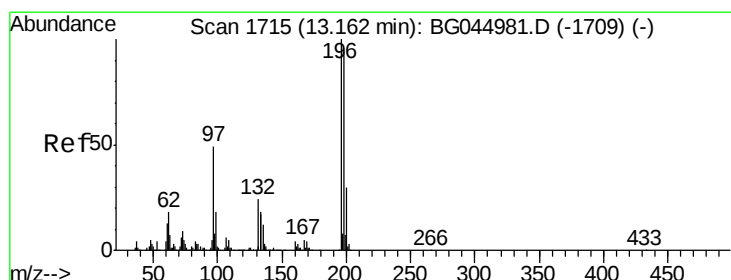
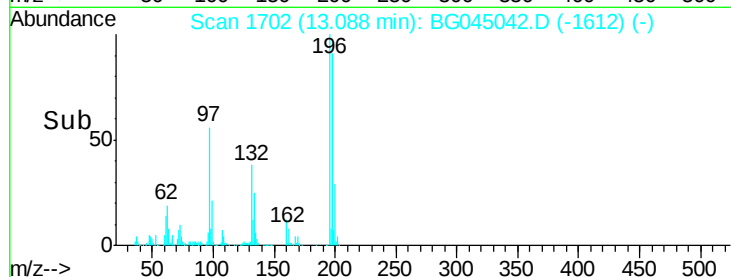
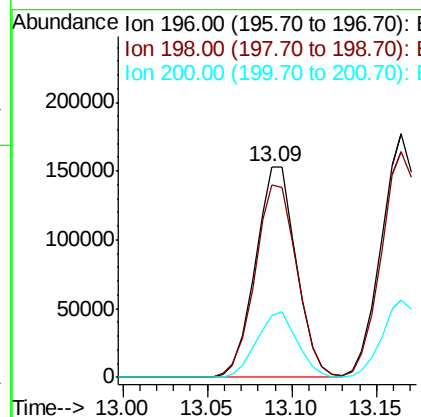
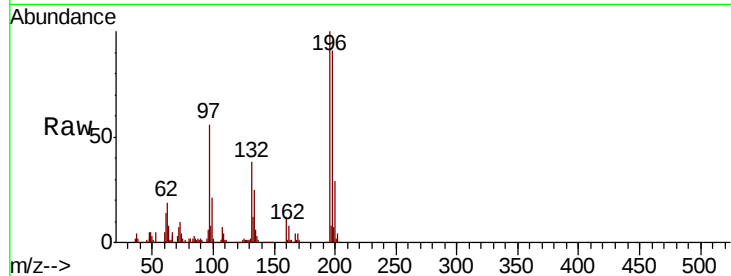
#43
 2,4,6-Trichlorophenol
 Concen: 41.218 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256661		
198	91.4	72.5	108.7	
200	29.3	24.5	36.7	

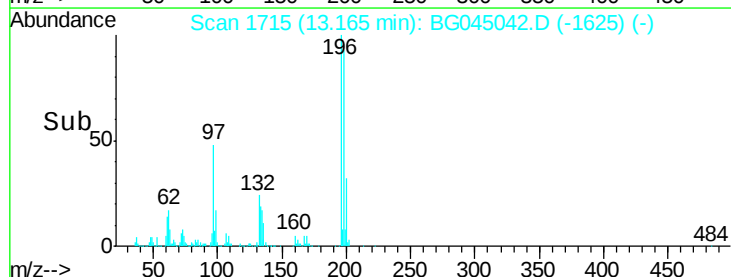
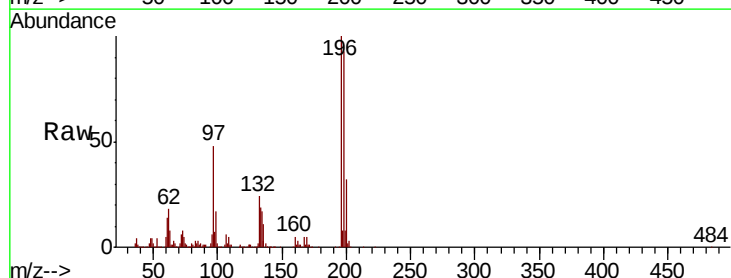
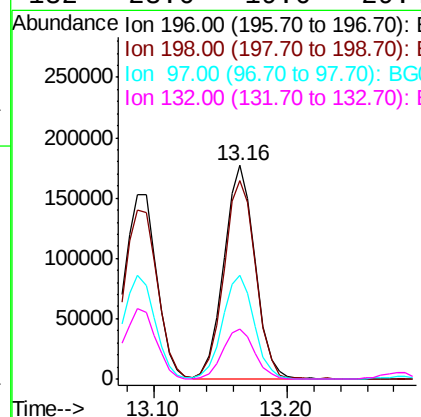
Manual Integrations
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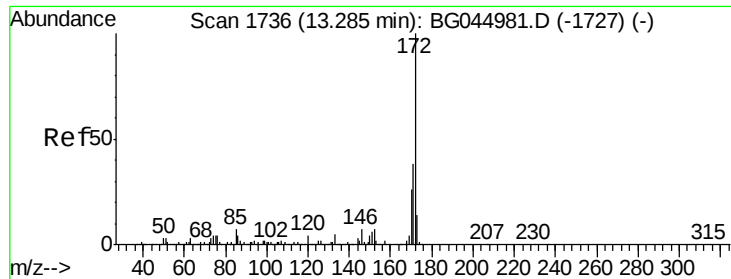
mohammad
 4/20/2020 2:28:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.773 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288994		
198	92.8	75.7	113.5	
97	48.3	39.6	59.4	
132	23.6	19.6	29.4	





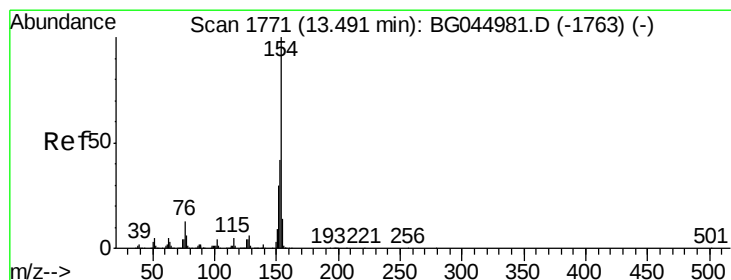
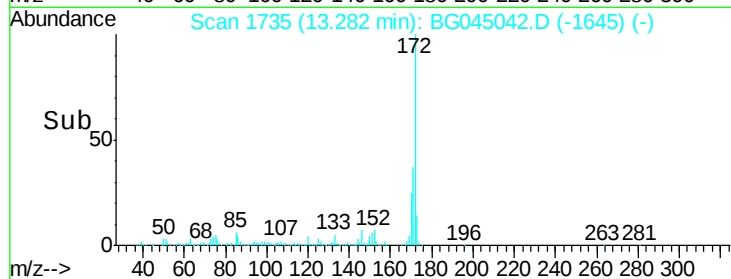
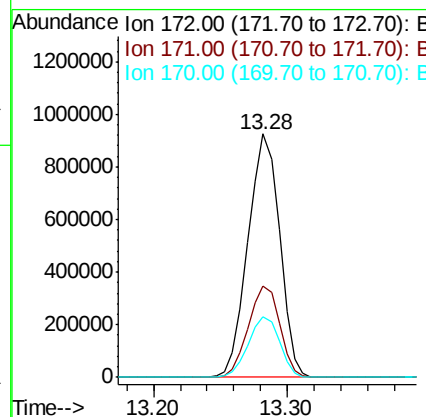
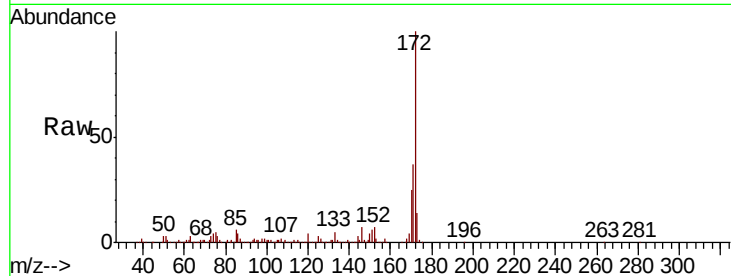
#45
2-Fluorobiphenyl
Concen: 81.052 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.0	20.5	30.7

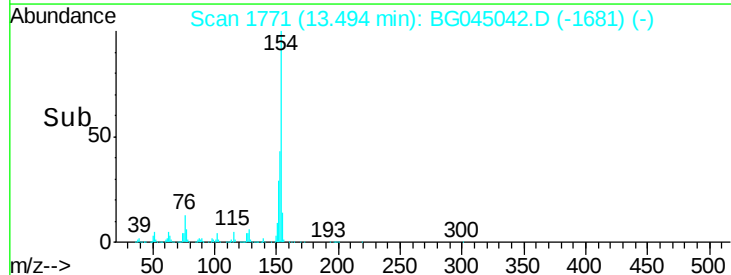
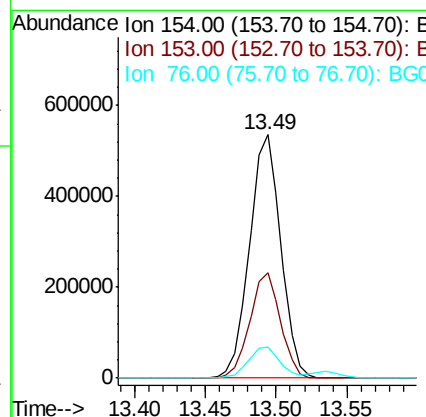
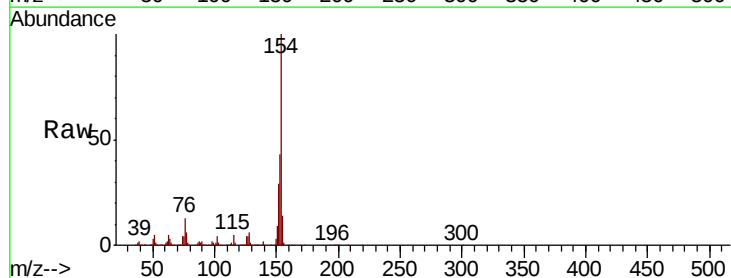
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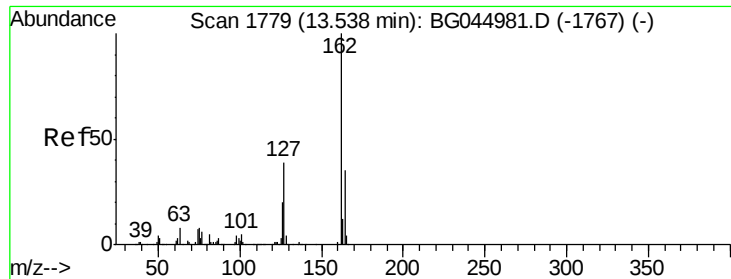
mohammad
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#46
1,1'-Biphenyl
Concen: 39.868 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.9	61.9
76	12.8	0.0	33.1





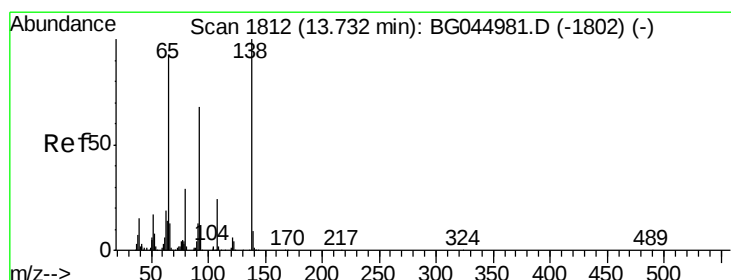
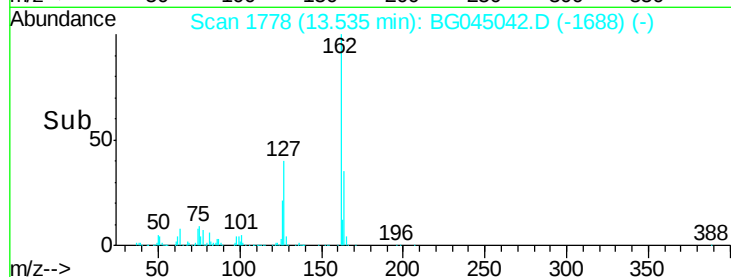
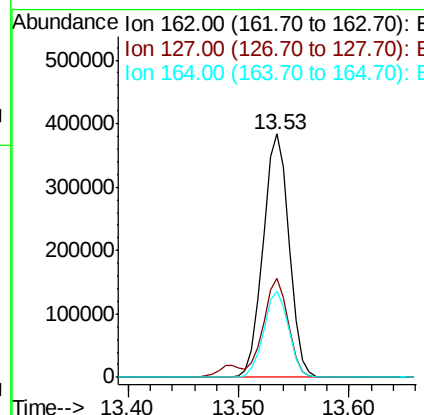
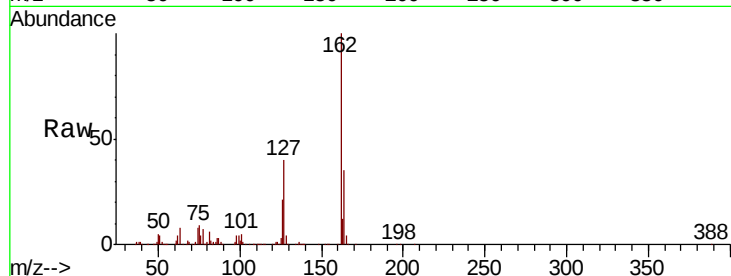
#47
2-Chloronaphthalene
Concen: 39.864 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	35.5	27.8	41.8

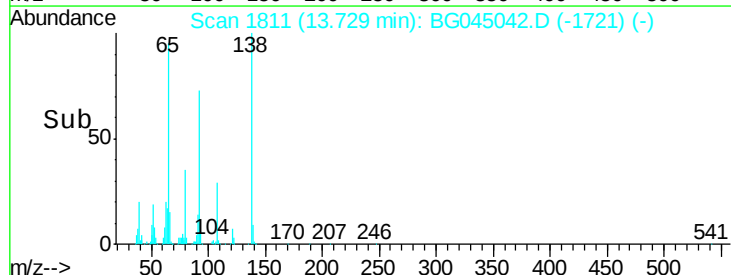
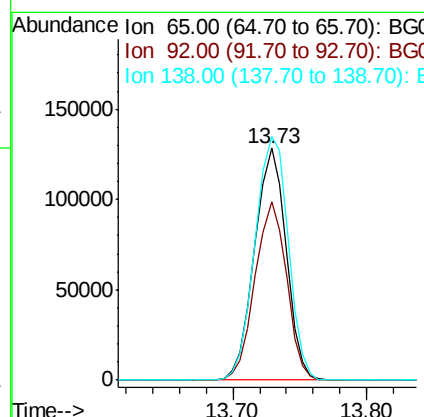
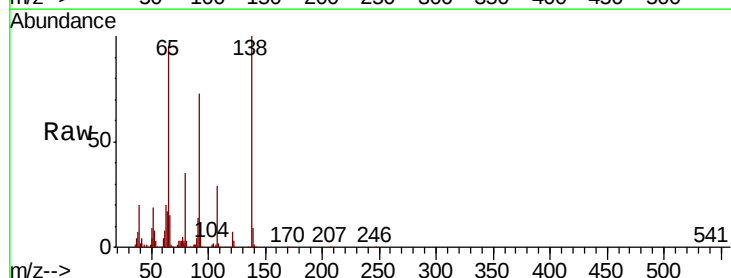
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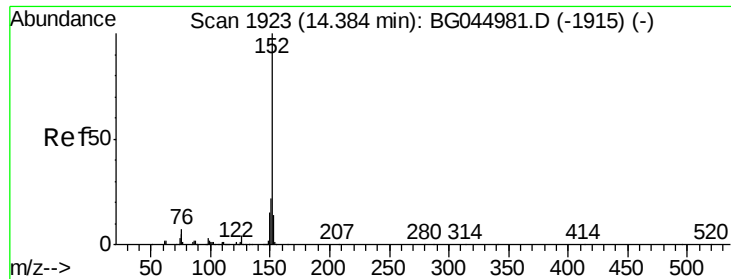
mohammad
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#48
2-Nitroaniline
Concen: 40.066 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.1	58.3	87.5
138	105.0	85.6	128.4





#49

Acenaphthylene

Concen: 39.592 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC40

Tot Ion:152 Resp: 1026340

Ion Ratio Lower Upper

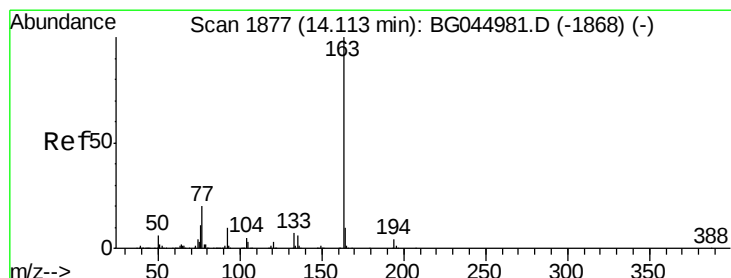
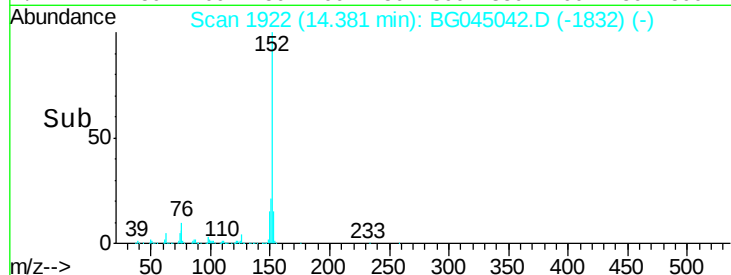
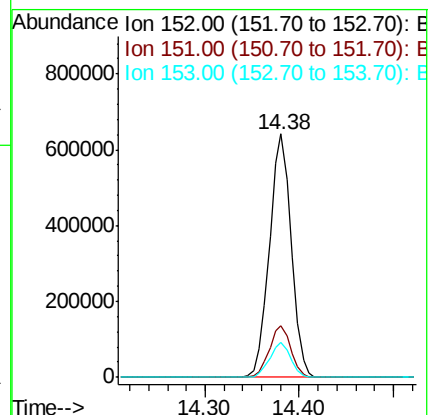
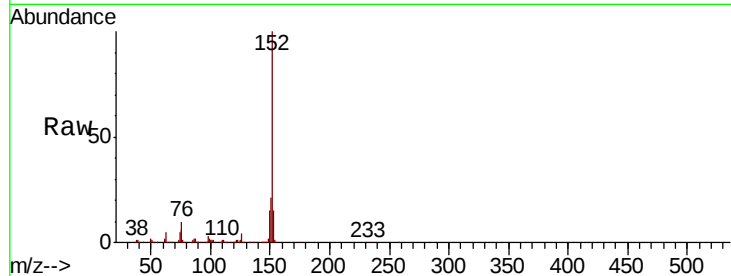
152 100

151 21.2 17.2 25.8

153 14.6 11.0 16.4

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#50

Dimethylphthalate

Concen: 39.280 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

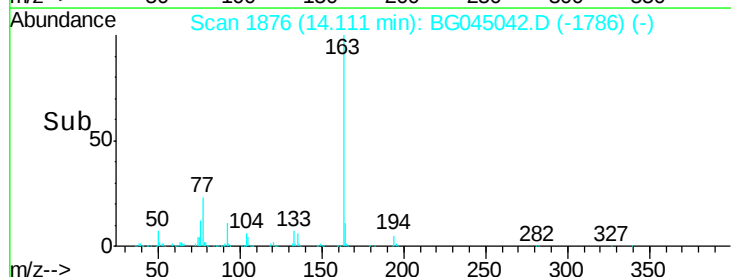
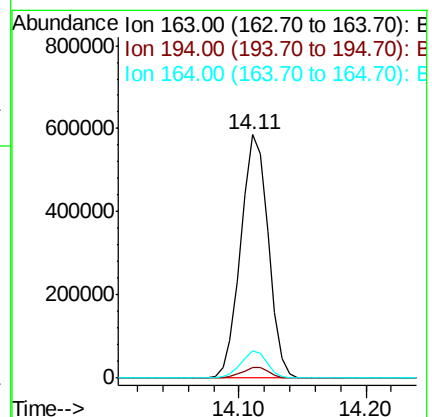
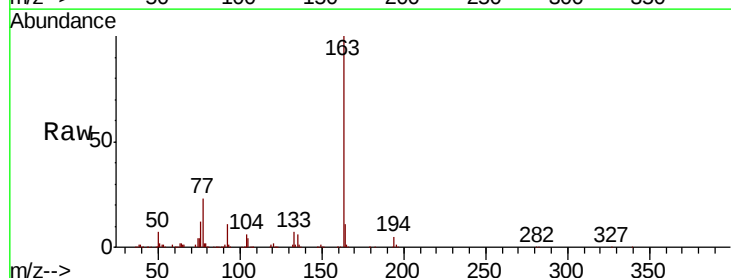
Tgt Ion:163 Resp: 876431

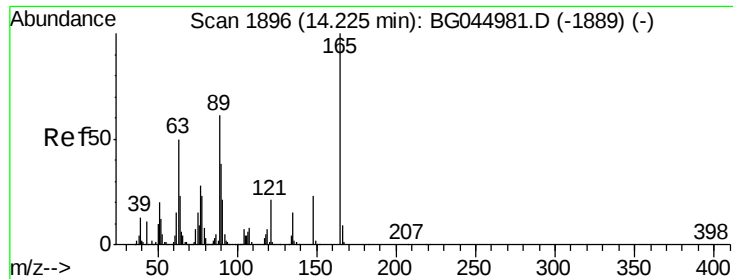
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 11.4 8.2 12.4





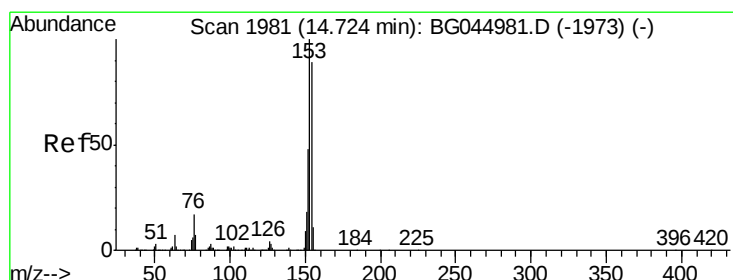
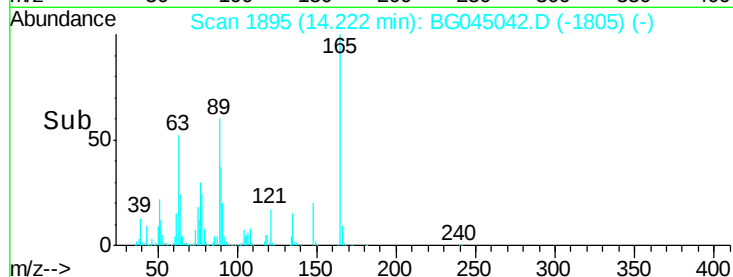
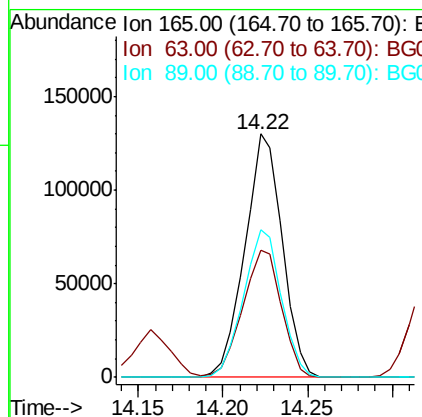
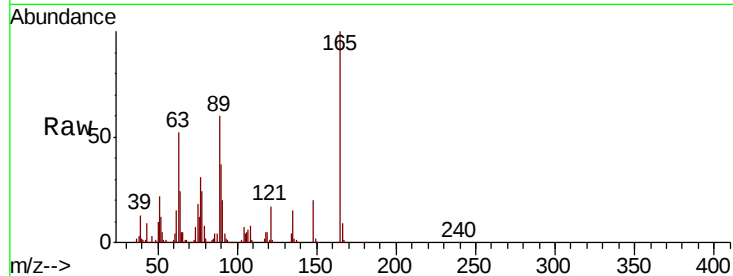
#51
 2,6-Dinitrotoluene
 Concen: 40.130 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200274		
63	52.4		40.4	60.6
89	60.5		49.1	73.7

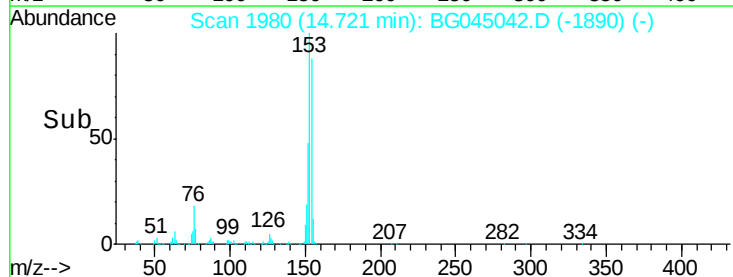
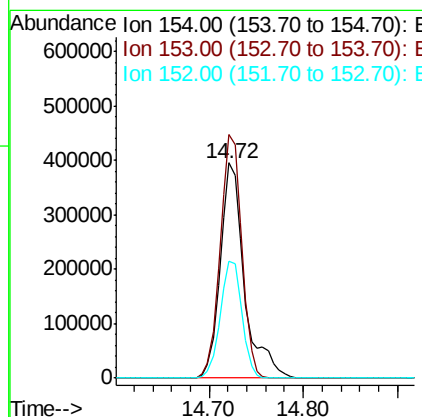
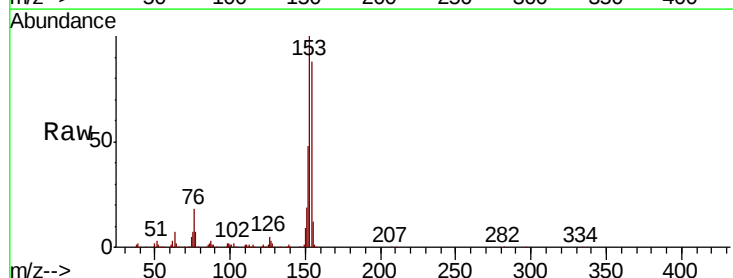
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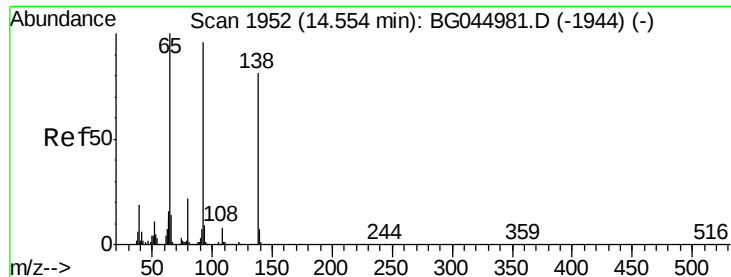
mohammad
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#52
 Acenaphthene
 Concen: 40.365 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	707975		
153	113.2		89.7	134.5
152	54.6		43.1	64.7





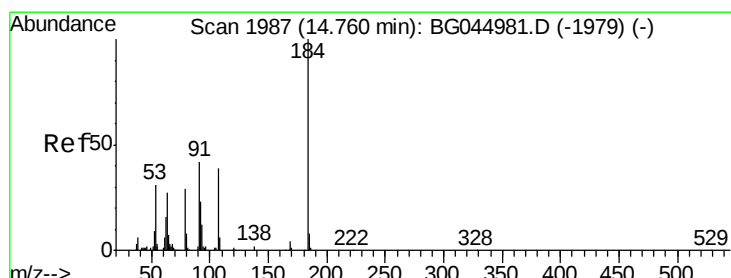
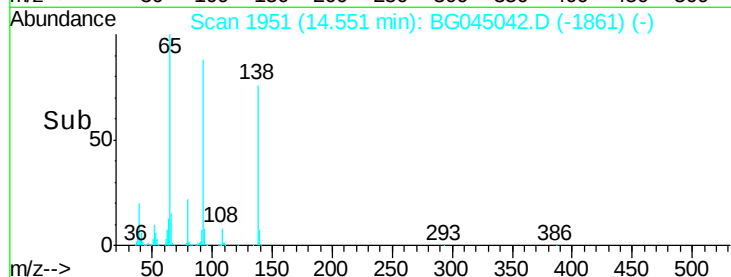
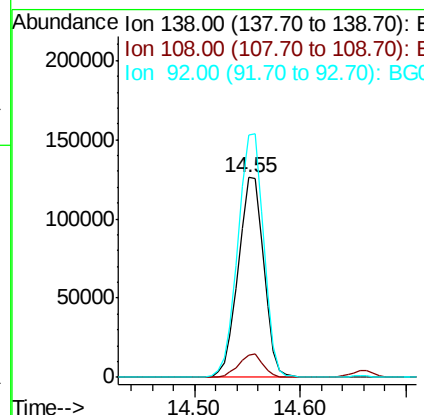
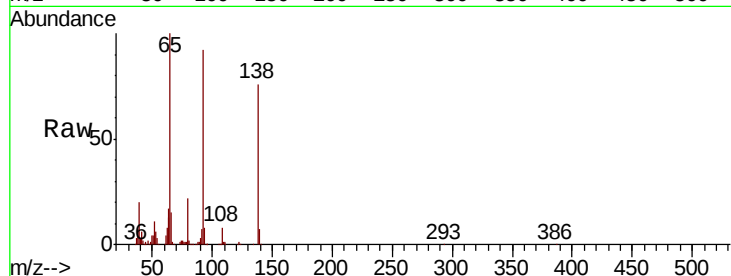
#53
3-Nitroaniline
Concen: 38.455 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	121.3	94.5	141.7

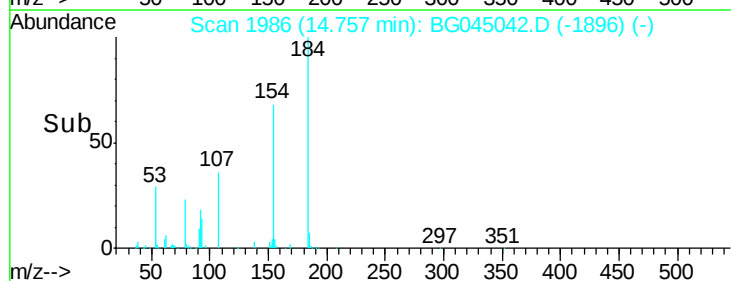
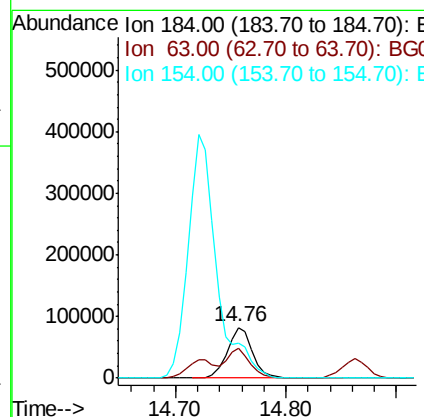
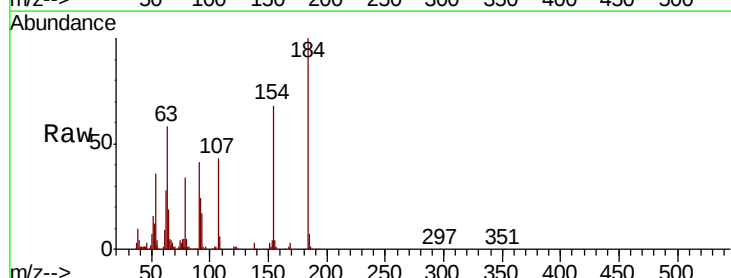
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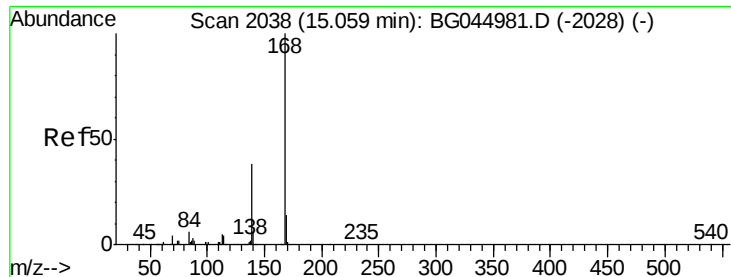
mohammad
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#54
2,4-Dinitrophenol
Concen: 43.961 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	41.5	62.3
154	68.1	52.3	78.5





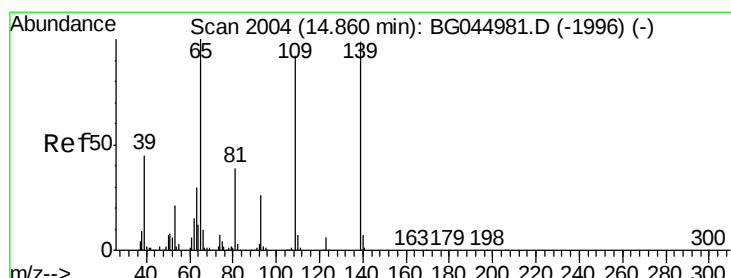
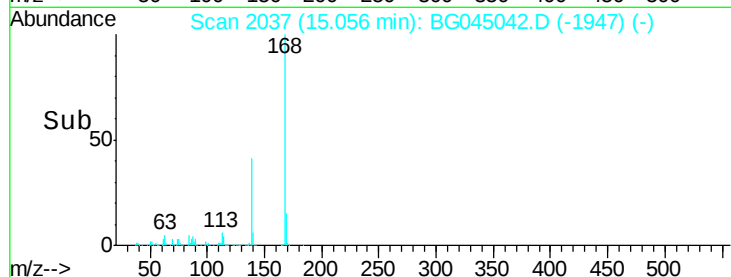
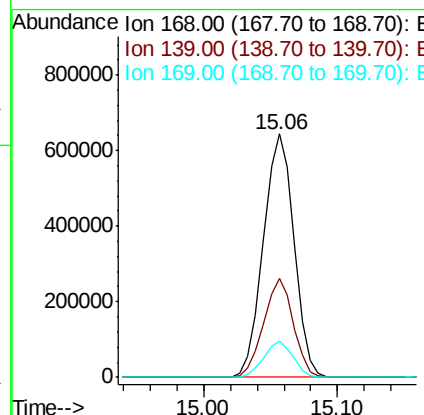
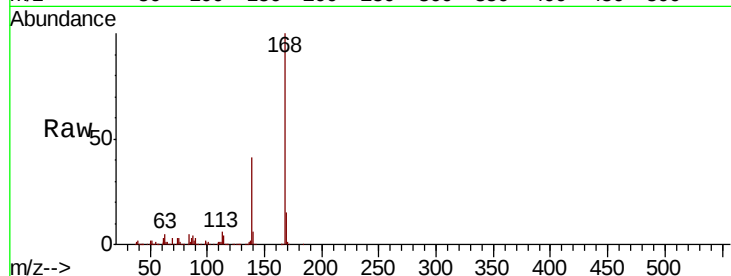
#55
Dibenzenofuran
Concen: 39.846 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.4	45.6
169	15.0	11.0	16.4

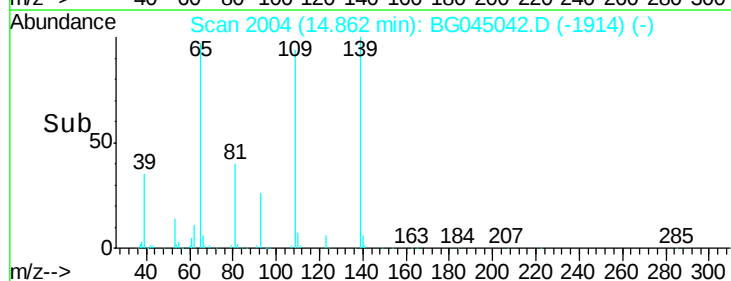
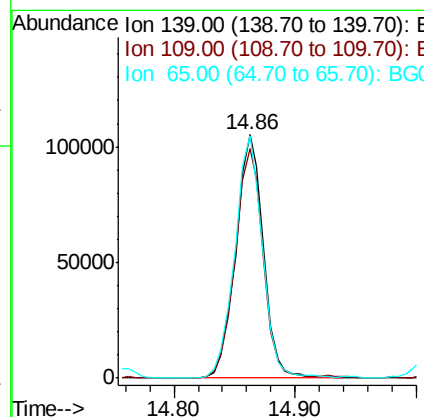
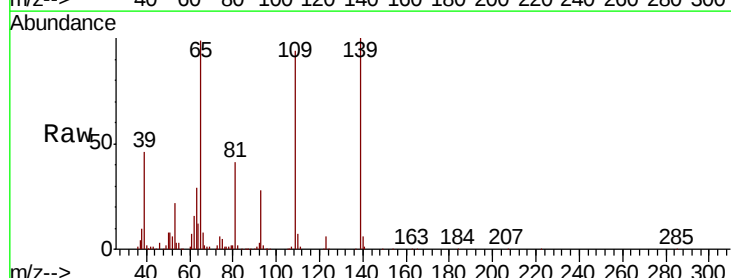
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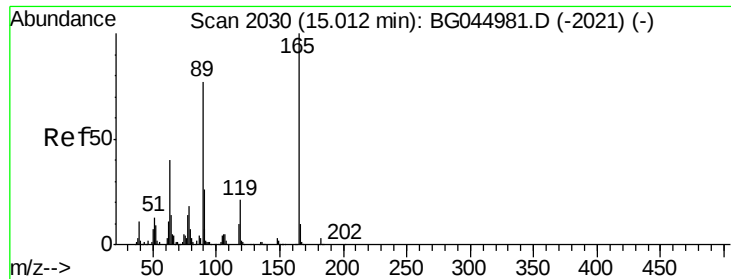
mohammad
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#56
4-Nitrophenol
Concen: 39.429 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.3	73.6	113.6
65	99.4	81.2	121.2





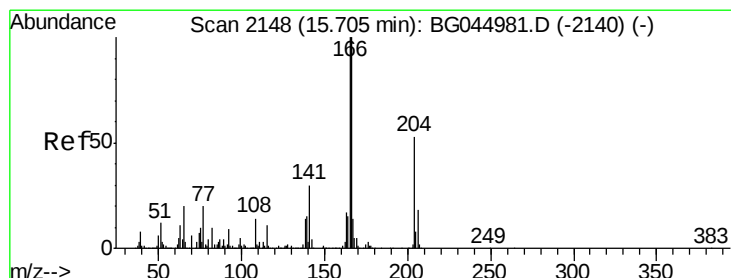
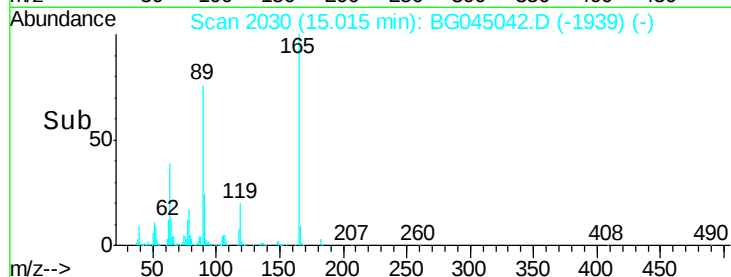
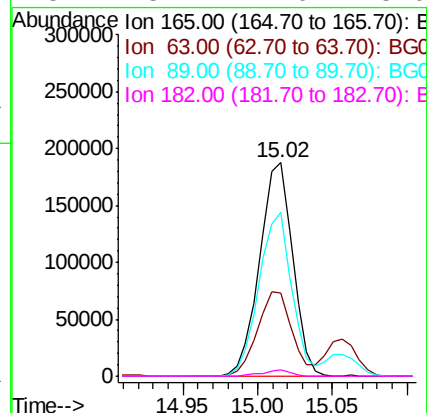
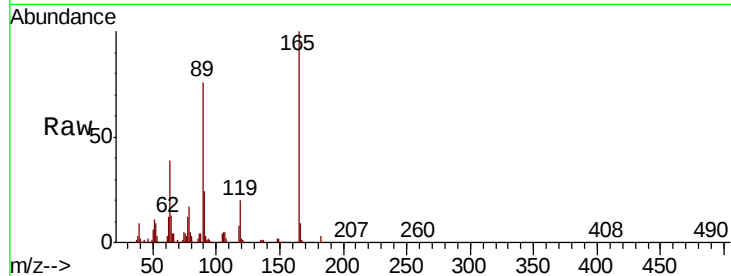
#57
2,4-Dinitrotoluene
Concen: 39.423 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Resp	Lower	Upper
165	100	287524		
63	39.2		32.2	48.2
89	76.5		61.7	92.5
182	3.2		2.0	3.0#

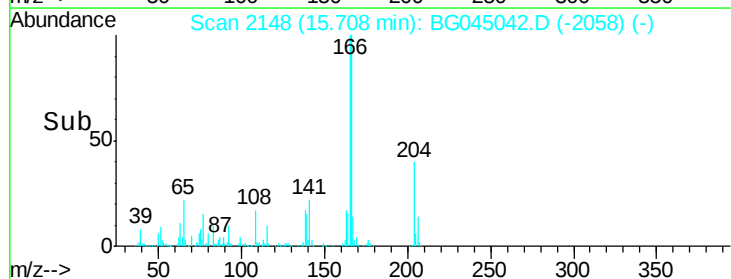
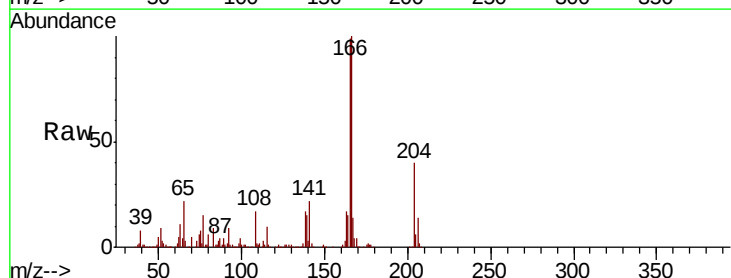
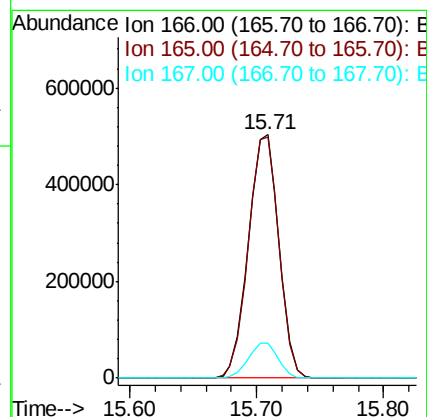
Manual Integrations
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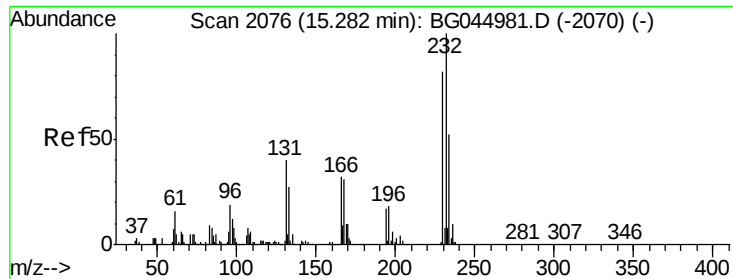
mohammad
4/20/2020 2:28:08 PM



#58
Fluorene
Concen: 40.296 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	841636		
165	98.8		79.9	119.9
167	14.2		11.4	17.0





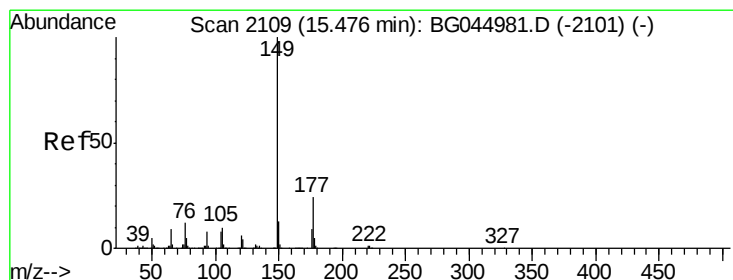
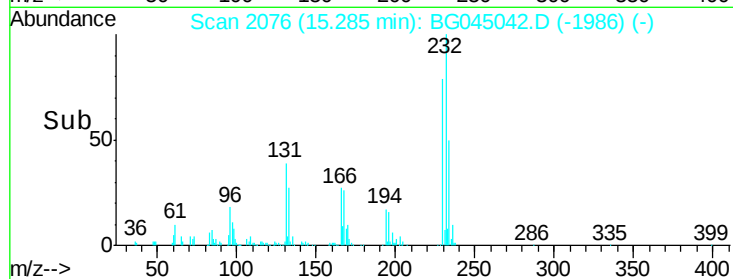
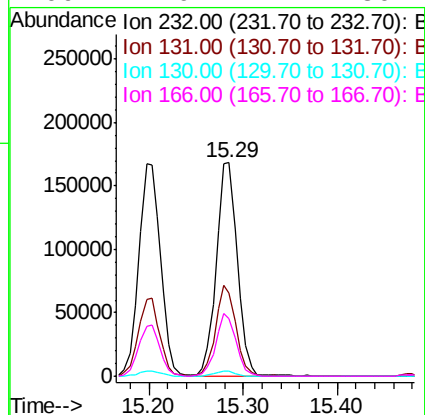
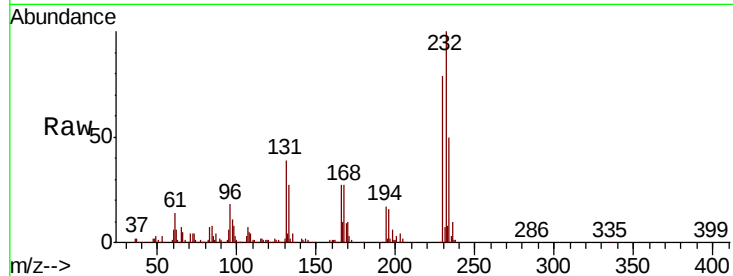
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.178 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC40

Tot Ion:	232	Resp:	266000
Ion Ratio	Lower	Upper	
232	100		
131	40.8	32.2	48.2
130	2.4	2.2	3.2
166	27.9	24.2	36.4

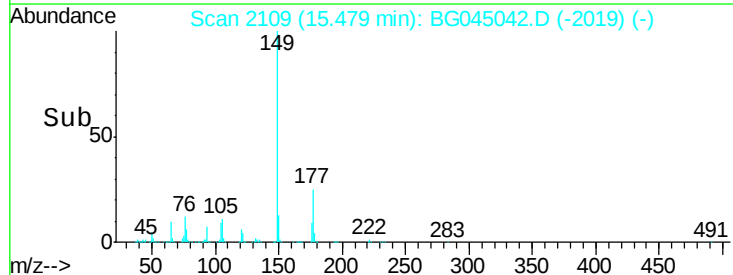
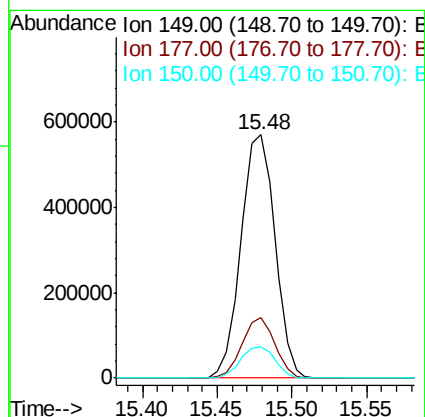
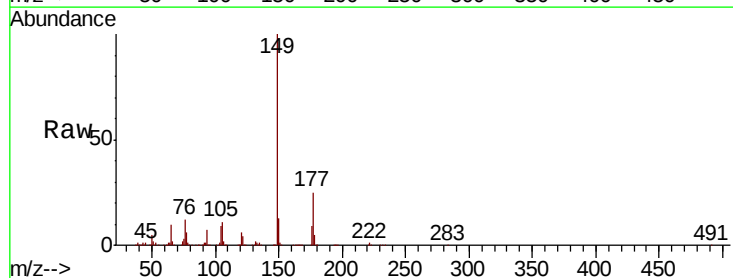
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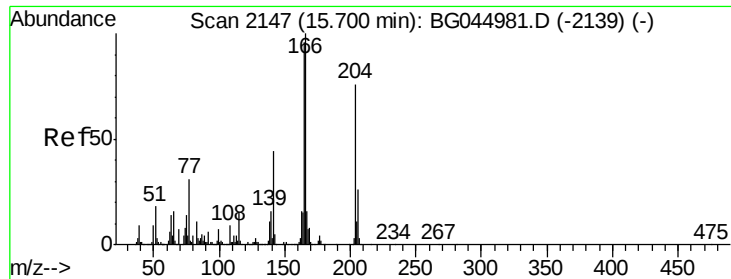
mohammad
 4/20/2020 2:28:08 PM



#60
 Diethylphthalate
 Concen: 38.653 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion:	149	Resp:	899194
Ion Ratio	Lower	Upper	
149	100		
177	25.1	18.9	28.3
150	13.0	10.6	15.8





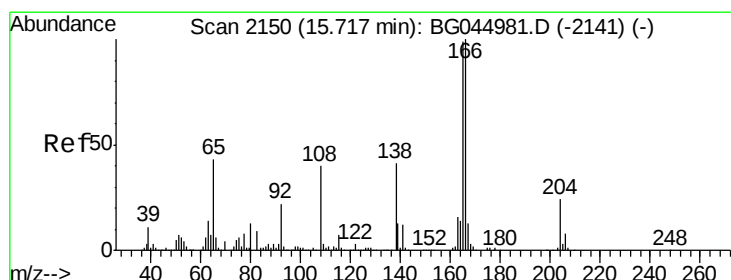
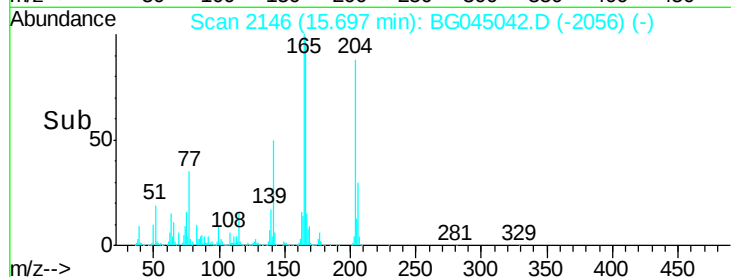
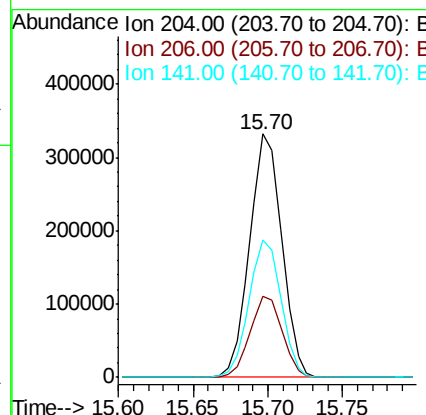
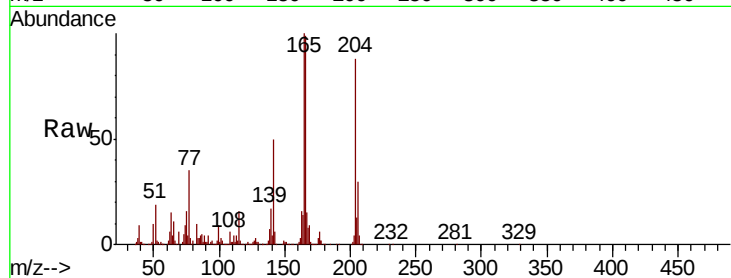
#61
4-Chlorophenyl-phenylether
Concen: 41.127 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	56.6	46.3	69.5

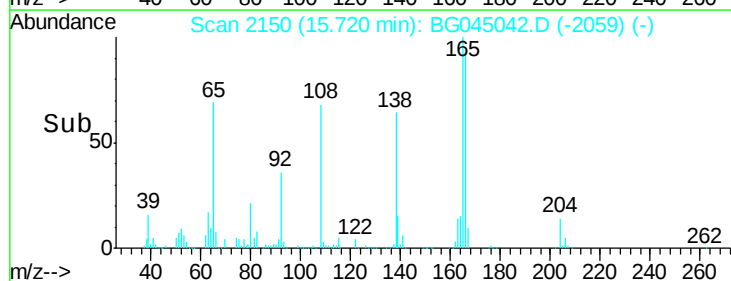
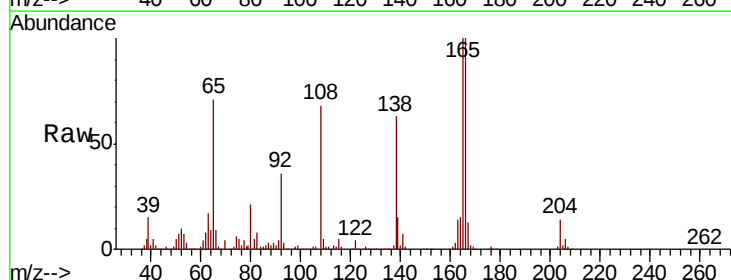
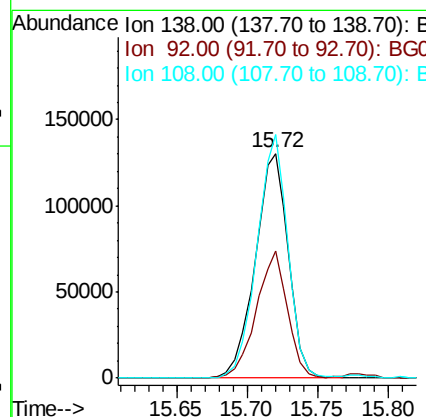
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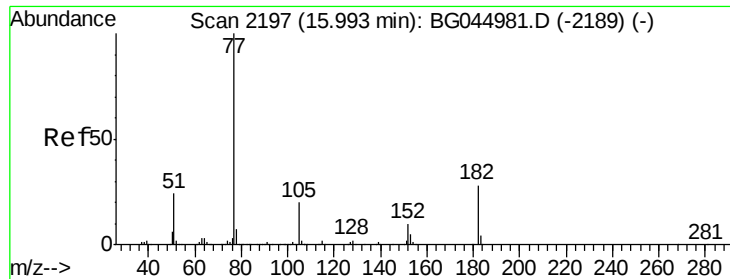
mohammad
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#62
4-Nitroaniline
Concen: 37.720 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	33.6	73.6
108	108.2	78.2	118.2





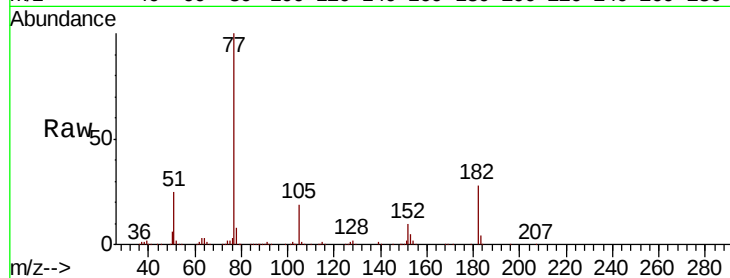
#63
Azobenzene
Concen: 39.809 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

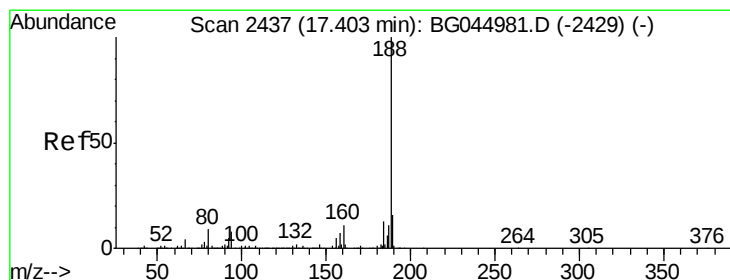
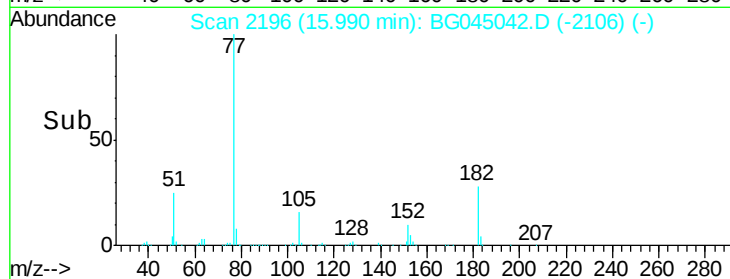
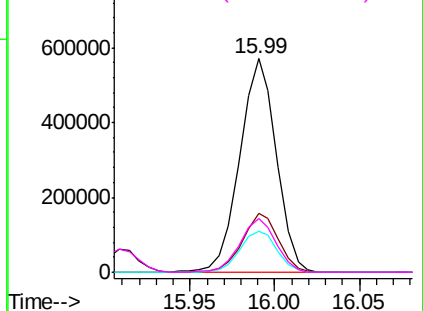
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.4	48.4
105	18.9	0.5	40.5
51	25.1	4.4	44.4

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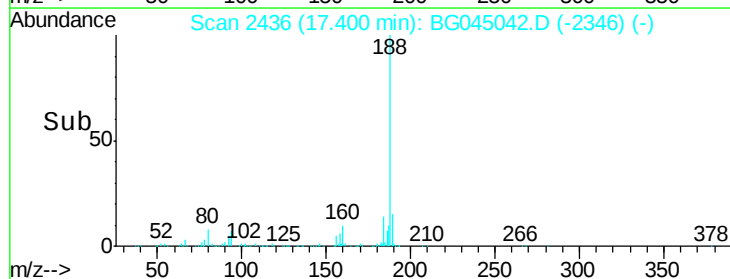
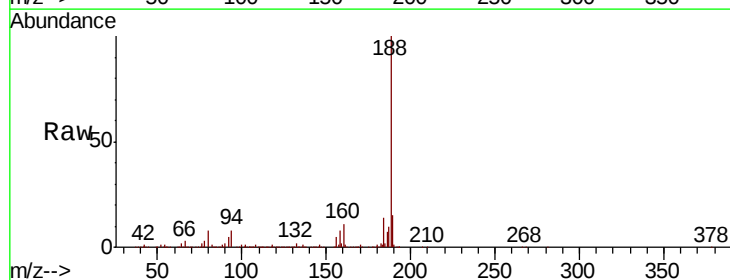
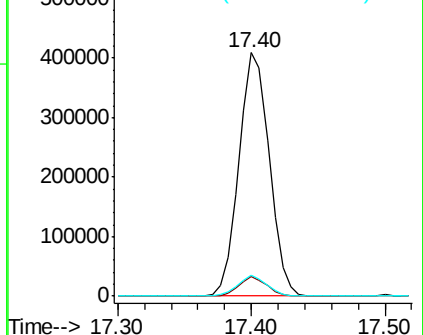
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

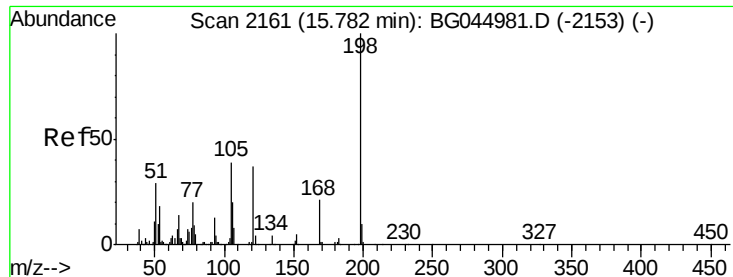


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	8.5	7.0	10.6

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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.063 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

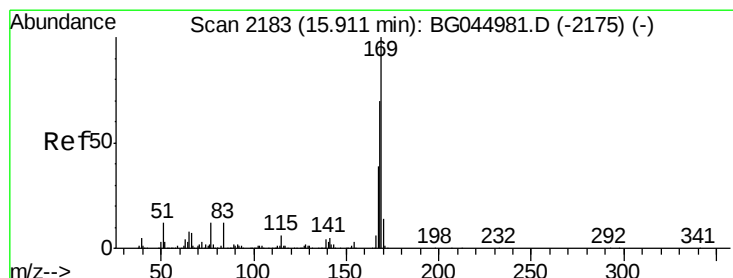
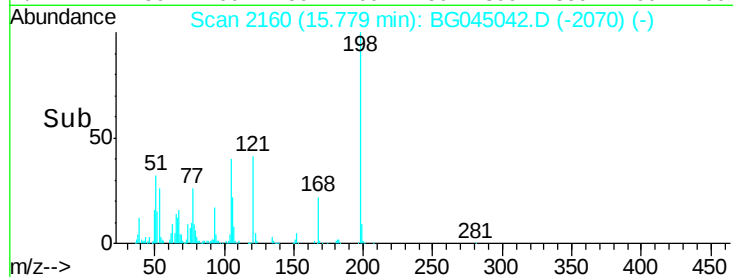
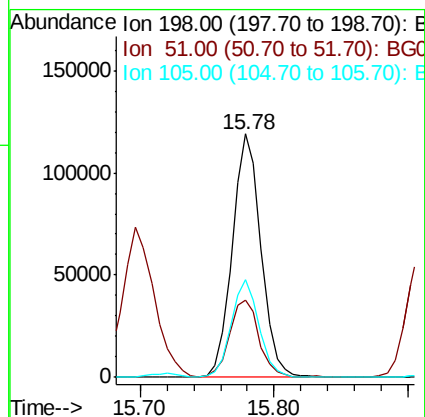
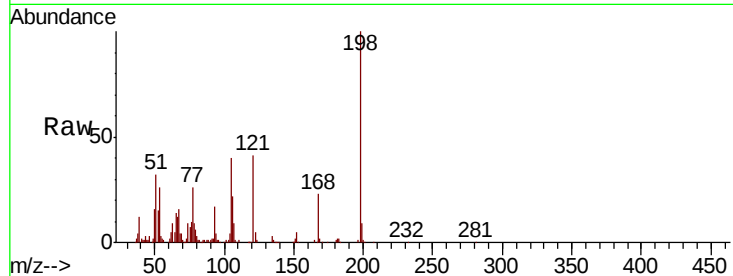
ClientSampleId :

SSTDCCC40

Tot Ion:	198	Resp:	178074
Ion Ratio	Lower	Upper	
198	100		
51	31.6	10.0	50.0
105	40.2	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 40.469 ng

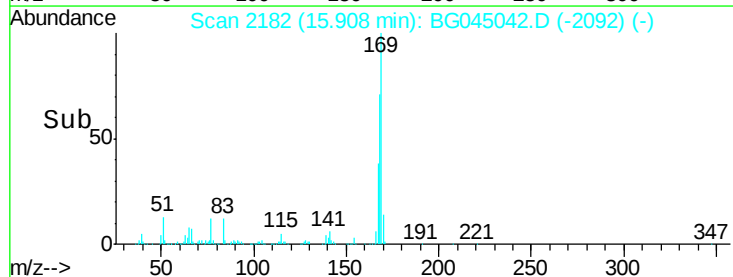
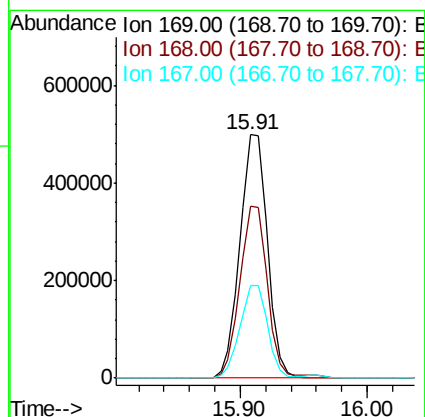
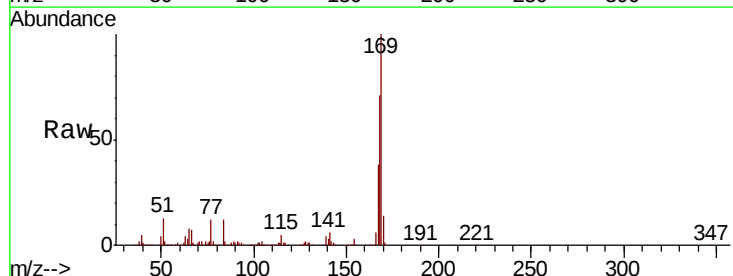
RT: 15.91 min Scan# 2182

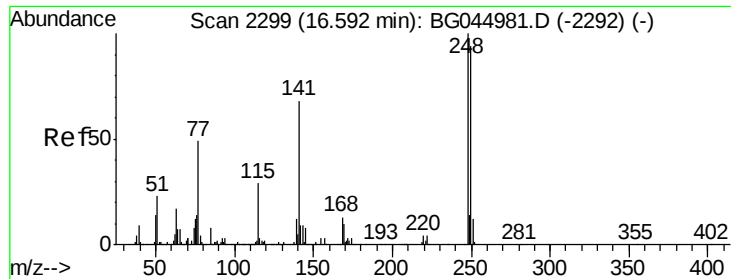
Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	169	Resp:	748900
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.8	83.8
167	38.0	30.8	46.2





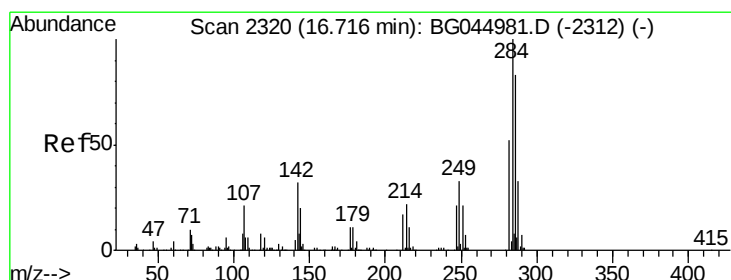
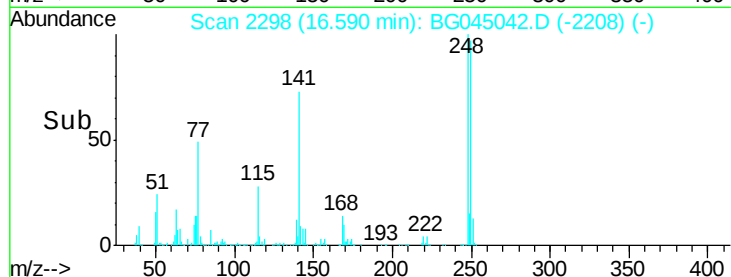
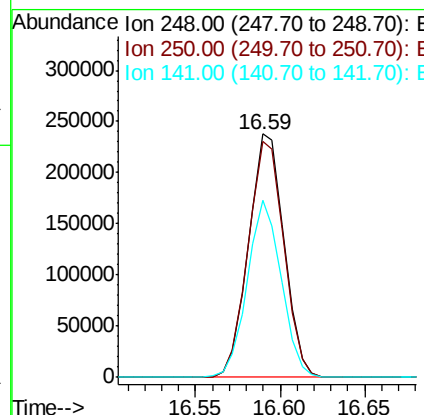
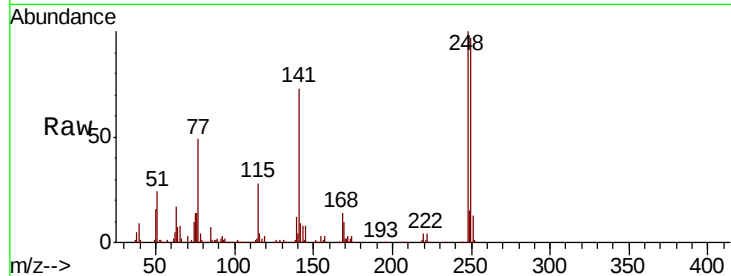
#67
4-Bromophenyl-phenylether
Concen: 41.894 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.4	113.2
141	72.7	54.4	81.6

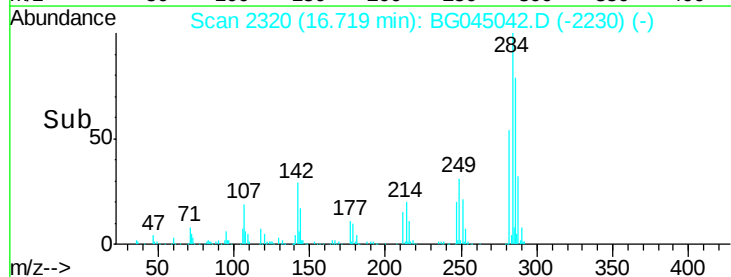
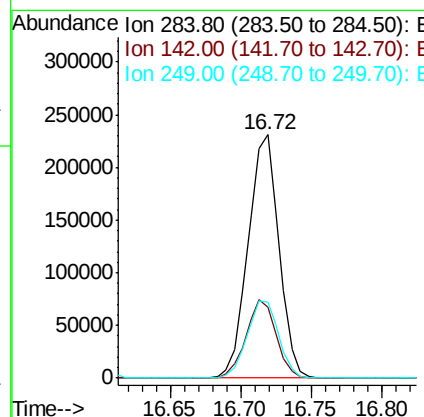
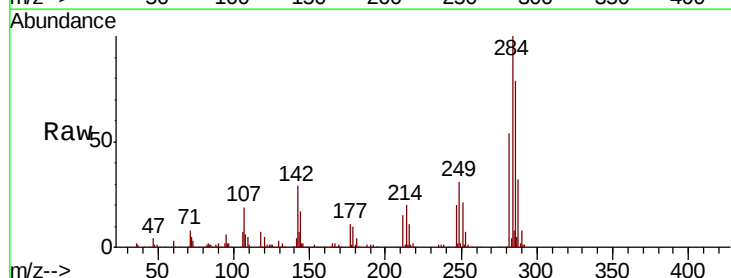
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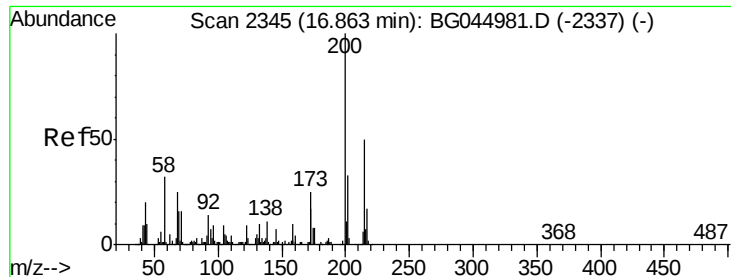
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#68
Hexachlorobenzene
Concen: 40.841 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	25.8	38.6
249	31.4	26.6	39.8





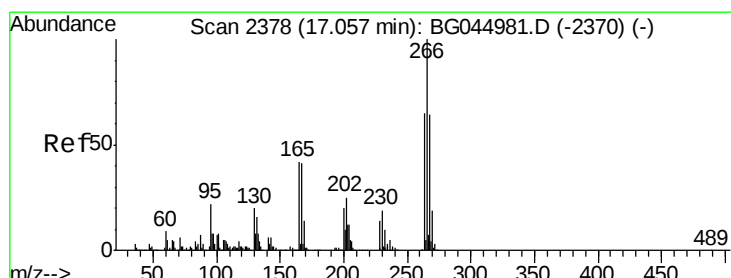
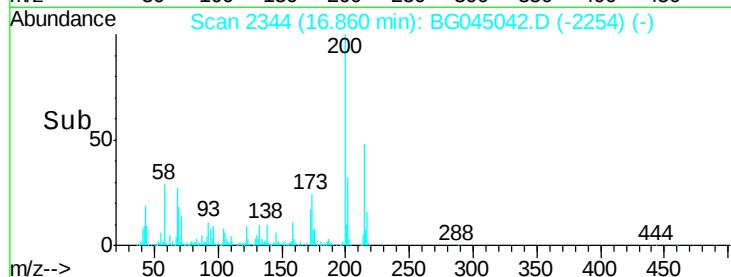
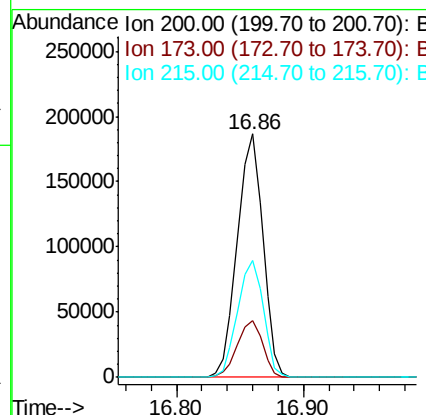
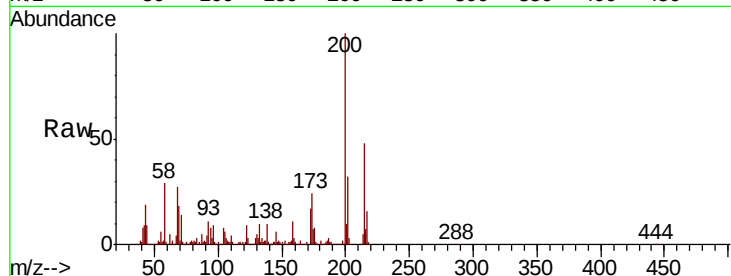
#69
Atrazine
Concen: 37.845 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	4.5	44.5
215	48.0	30.0	70.0

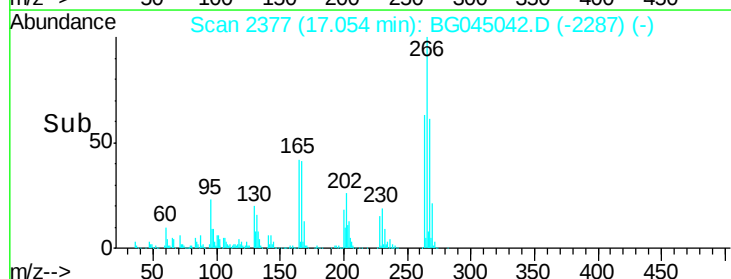
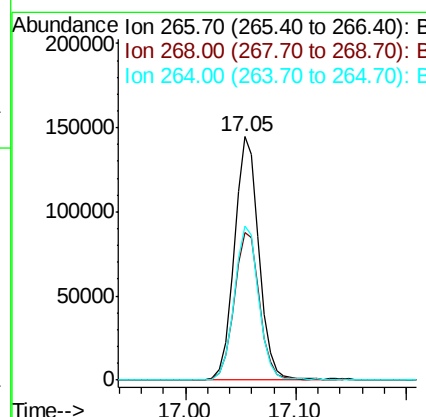
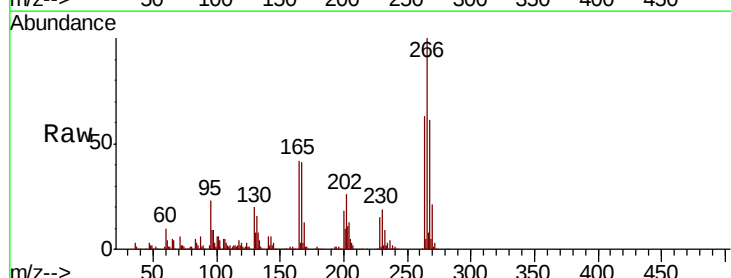
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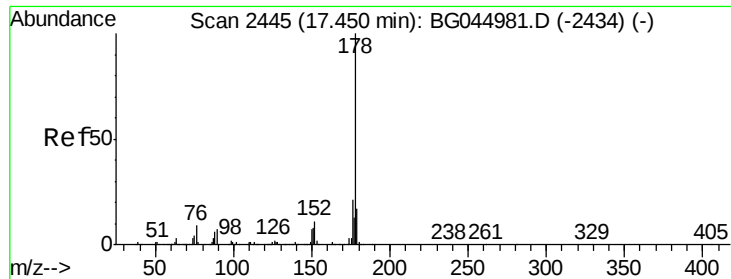
mohammad
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#70
Pentachlorophenol
Concen: 42.644 ng
RT: 17.05 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	60.7	51.5	77.3
264	63.1	52.2	78.4





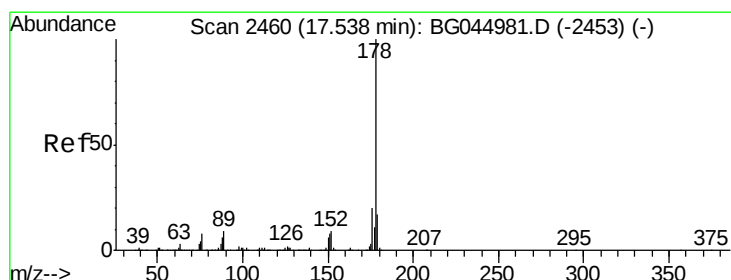
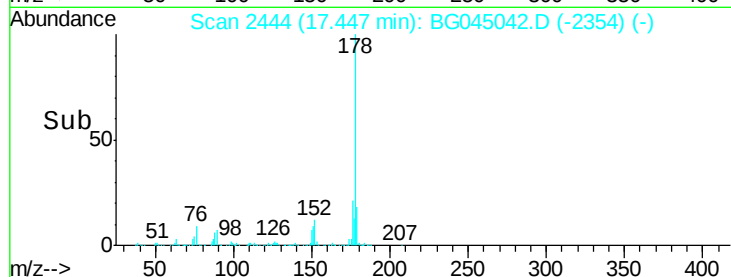
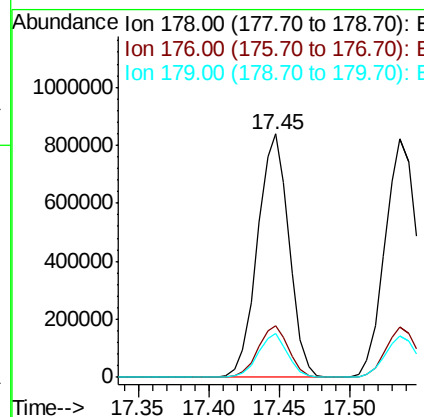
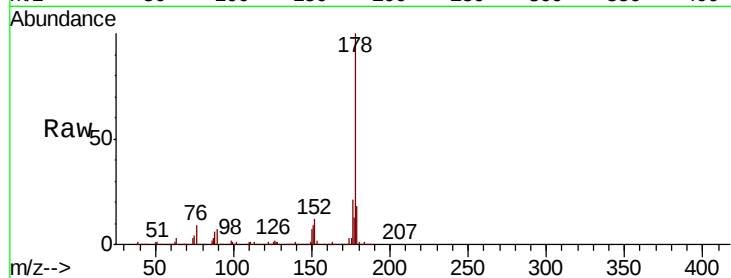
#71
Phenanthrene
Concen: 39.644 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion:178 Resp: 1312119
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.8 13.2 19.8

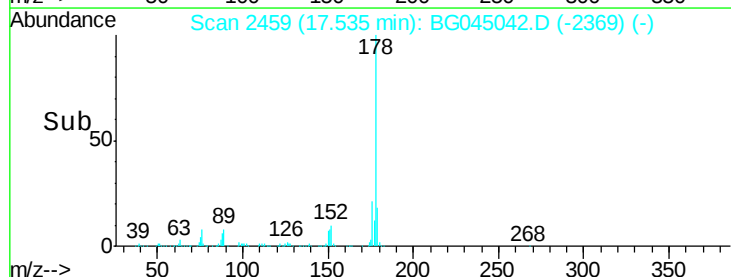
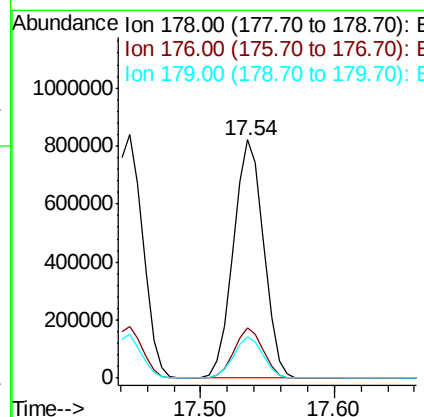
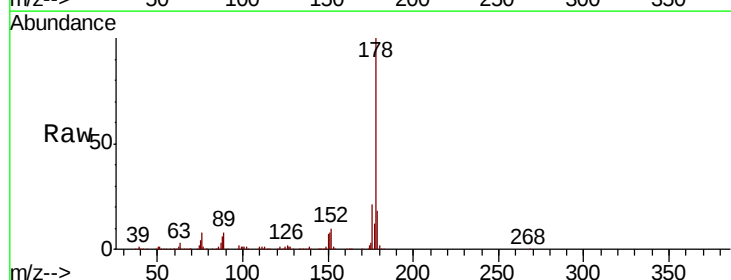
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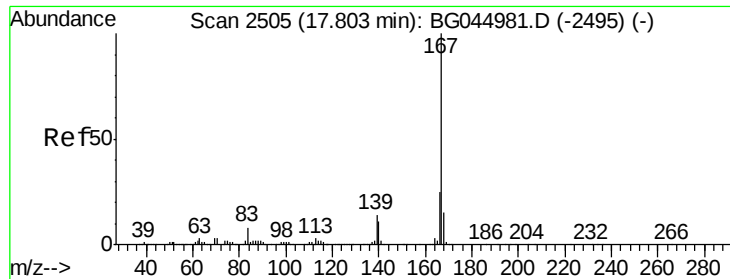
mohammad
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#72
Anthracene
Concen: 38.995 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion:178 Resp: 1294630
Ion Ratio Lower Upper
178 100
176 21.3 16.0 24.0
179 17.6 13.6 20.4





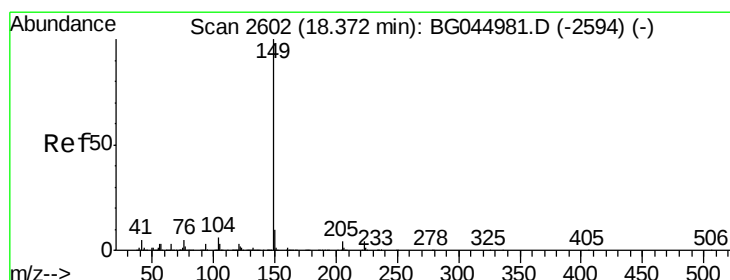
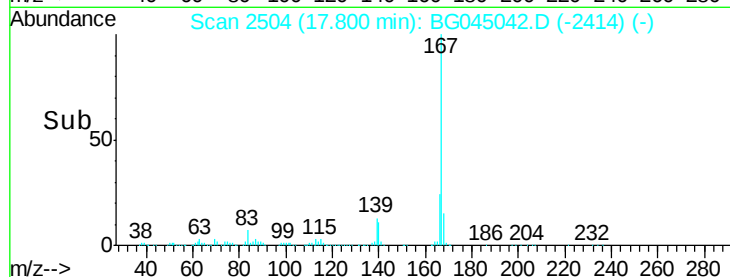
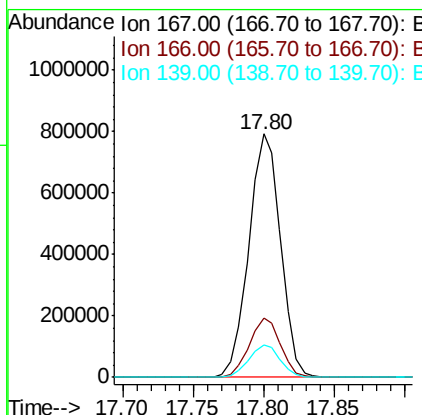
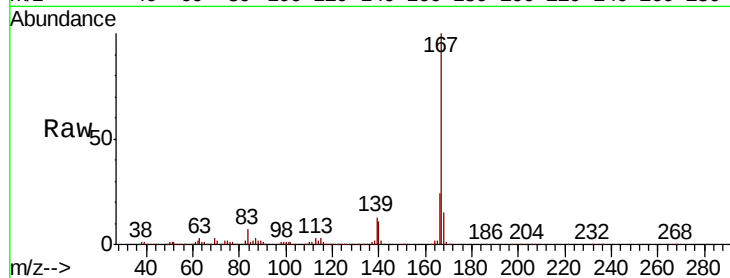
#73
 Carbazole
 Concen: 37.081 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC40

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.8	29.6
139	13.3	10.9	16.3

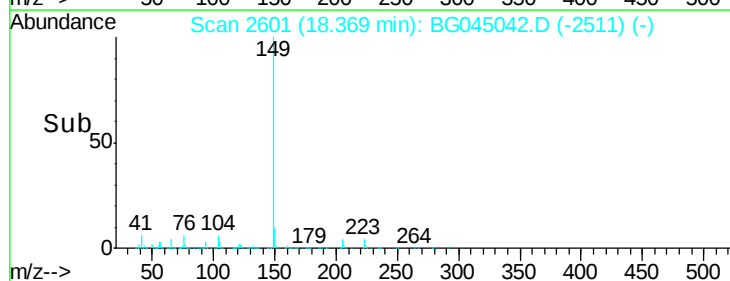
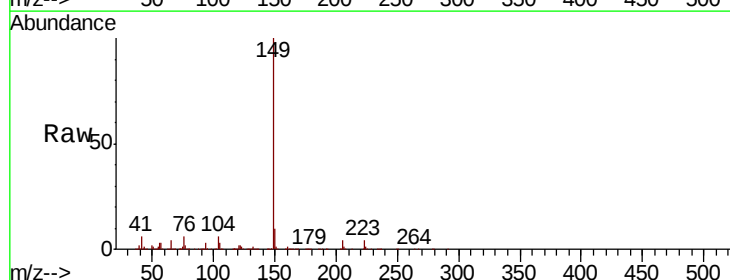
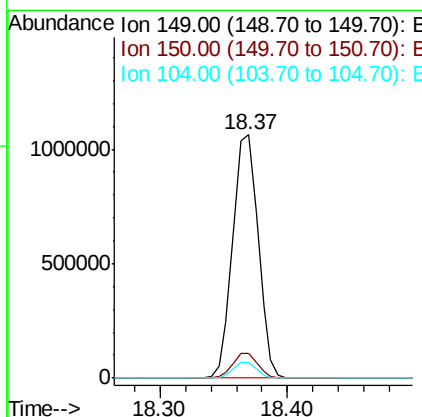
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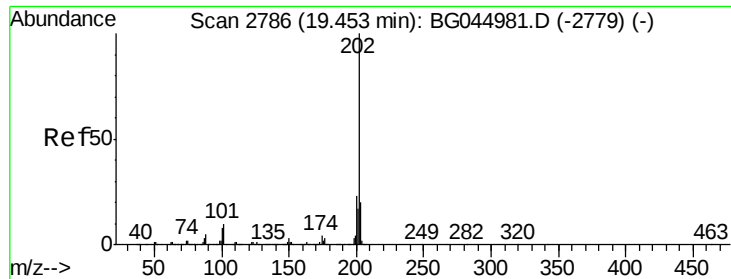
mohammad
 4/20/2020 2:28:08 PM



#74
 Di-n-butylphthalate
 Concen: 39.509 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 39.673 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

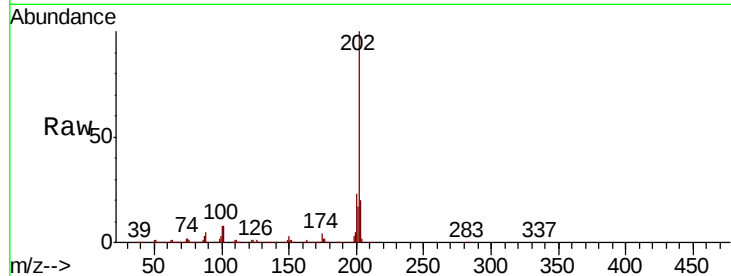
ClientSampled :

SSTDCCC40

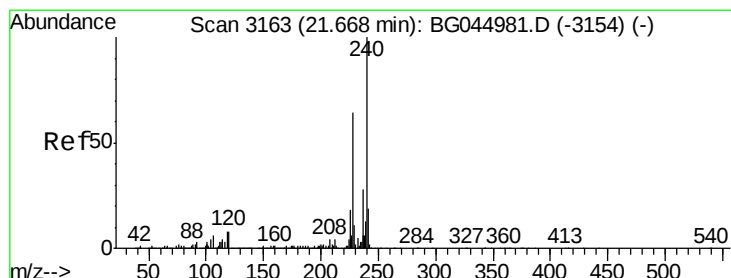
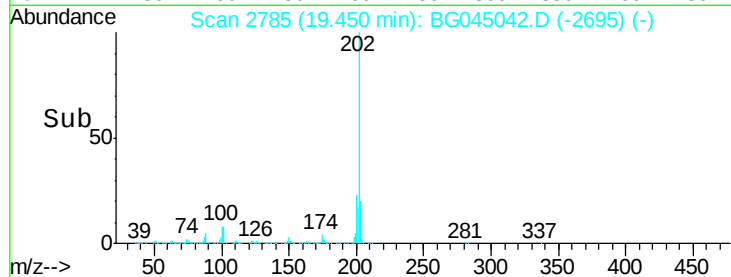
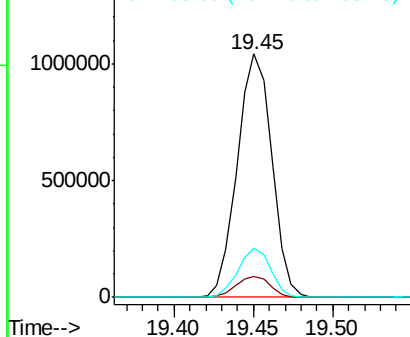
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	29.6
203	20.1	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

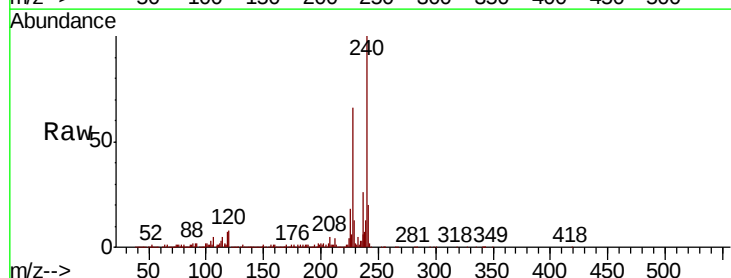
RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

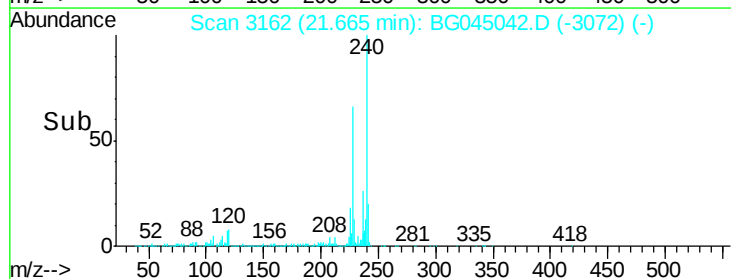
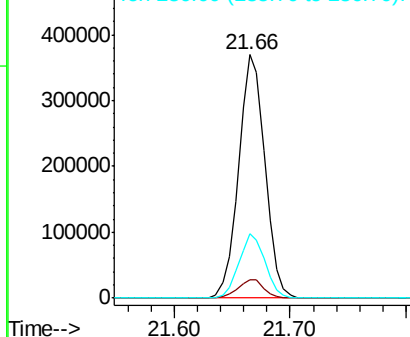
Lab File: BG045042.D

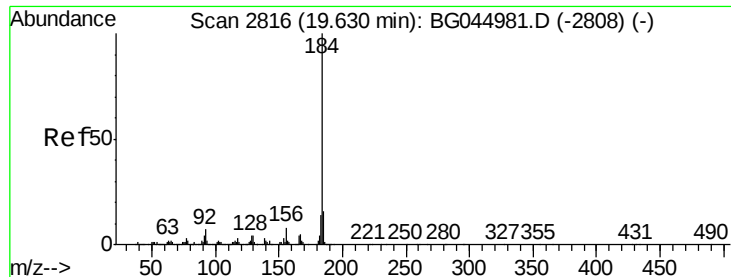
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	26.3	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.474 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC40

Tot Ion:184 Resp: 559738

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

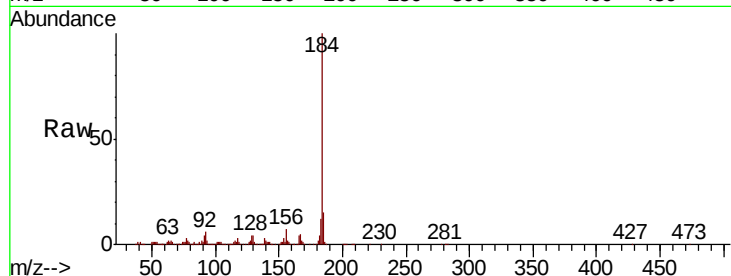
183 12.1 11.3 16.9

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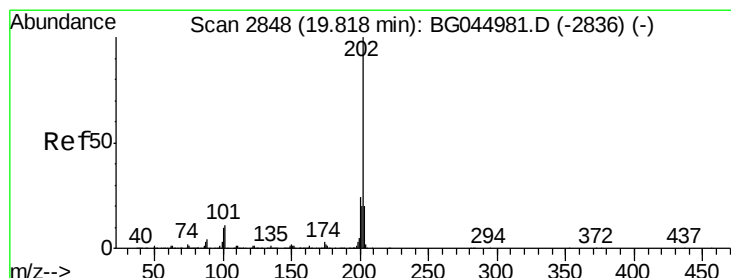
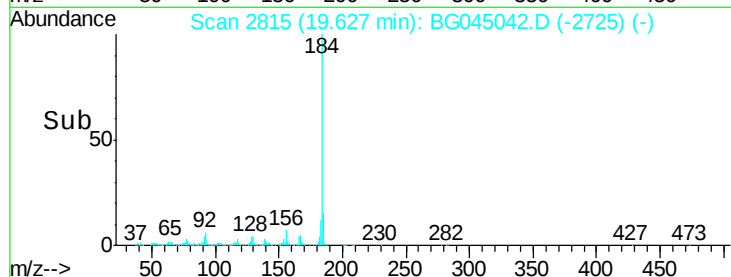
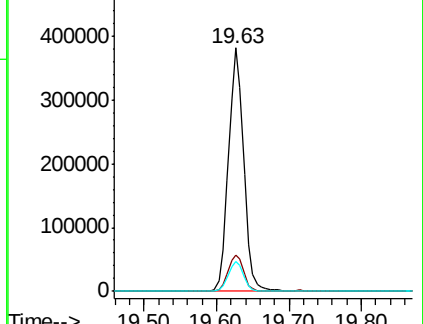
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.432 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

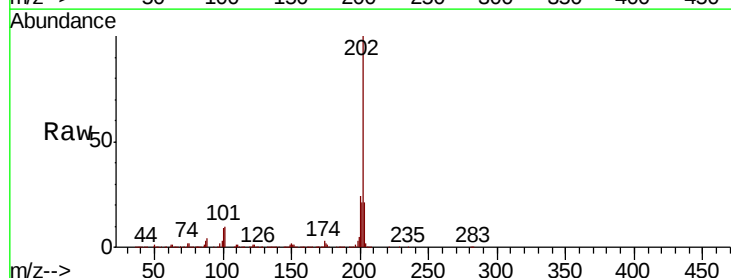
Tgt Ion:202 Resp: 1539269

Ion Ratio Lower Upper

202 100

200 23.9 19.0 28.6

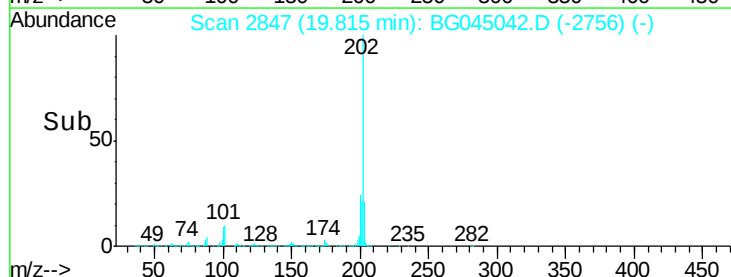
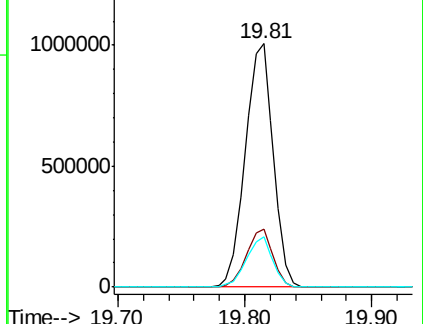
203 20.7 16.1 24.1

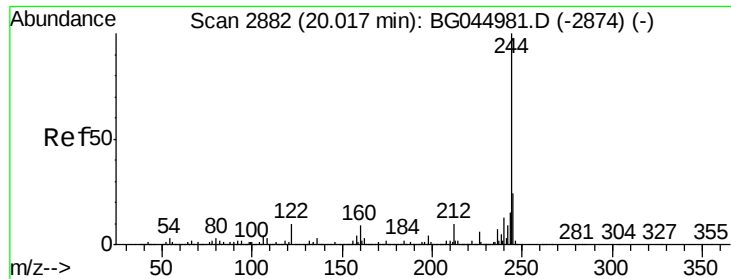


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





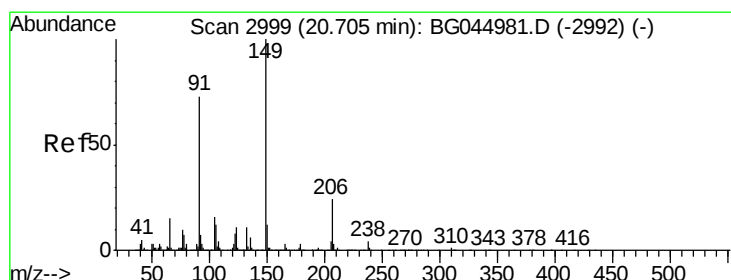
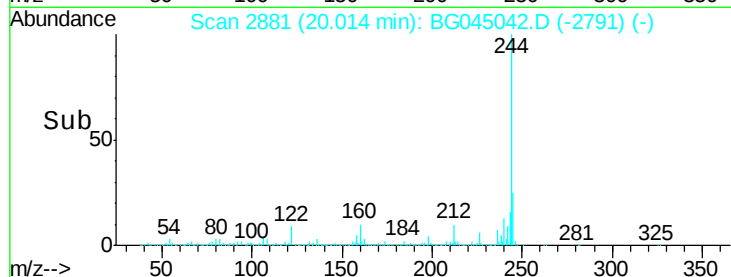
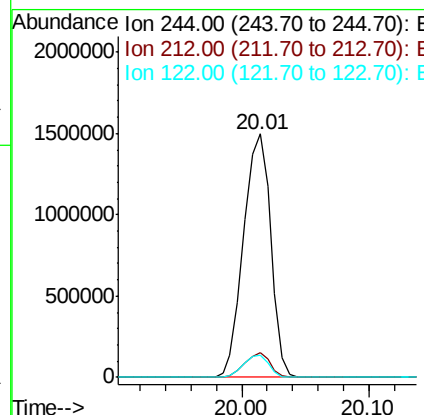
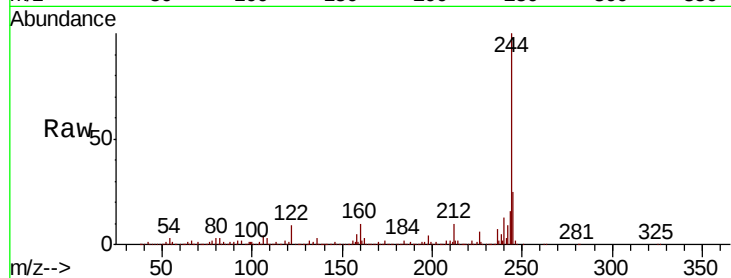
#79
 Terphenyl-d14
 Concen: 83.372 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC40

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	9.0	7.7	11.5

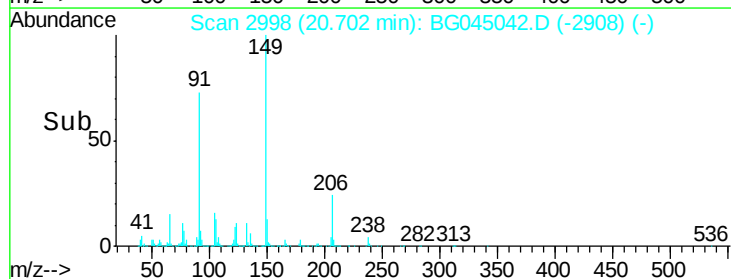
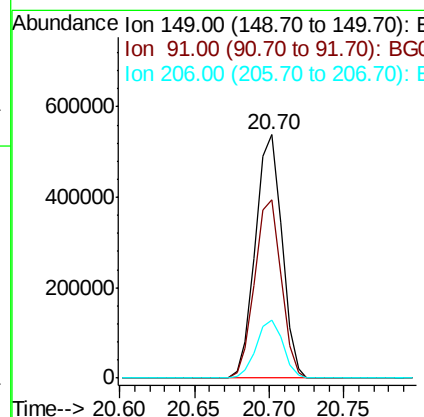
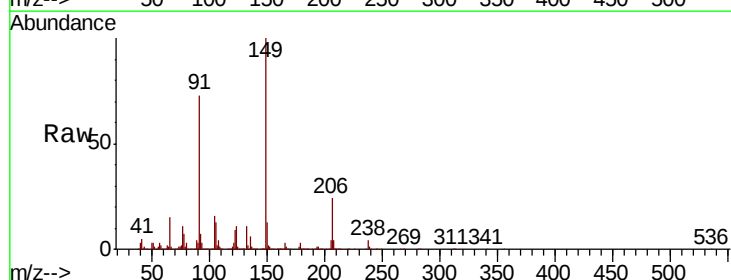
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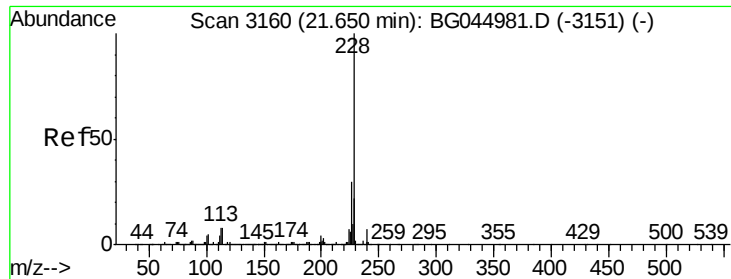
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.739 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.5	87.7
206	24.0	19.2	28.8





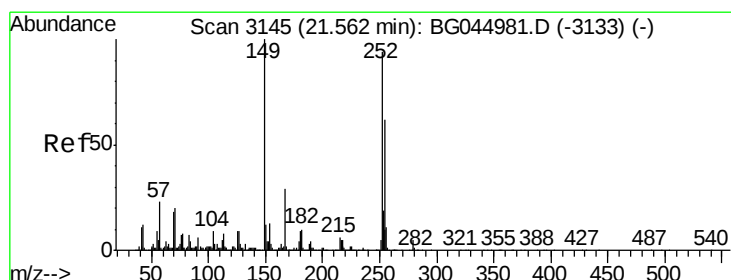
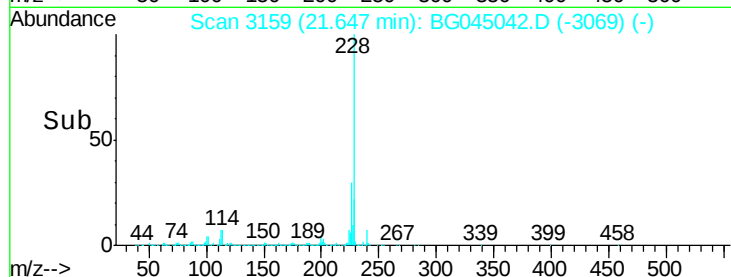
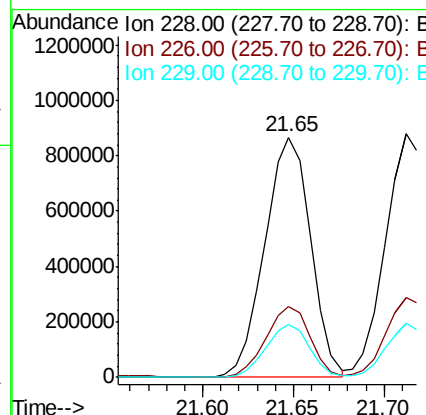
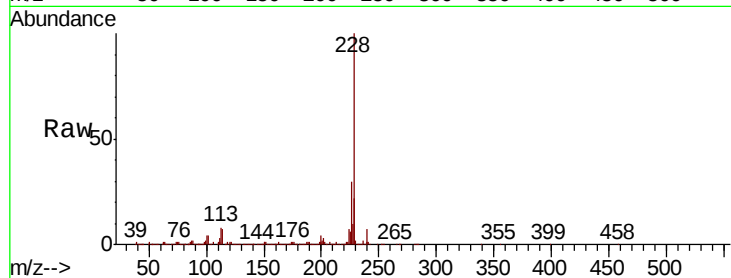
#81
Benzo(a)anthracene
Concen: 40.523 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.8	17.5	26.3

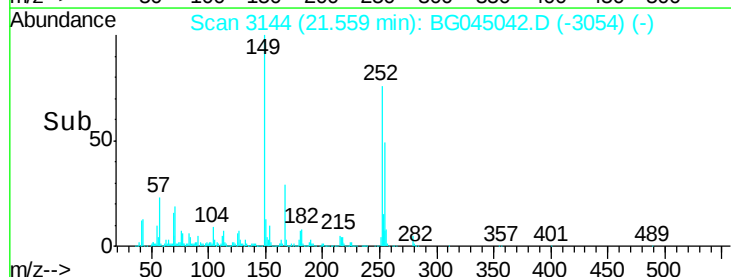
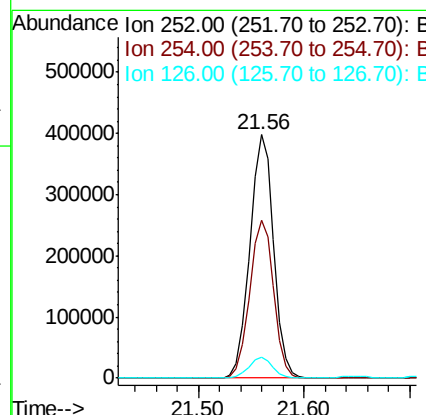
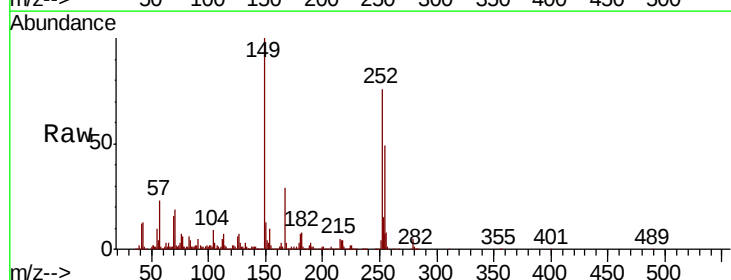
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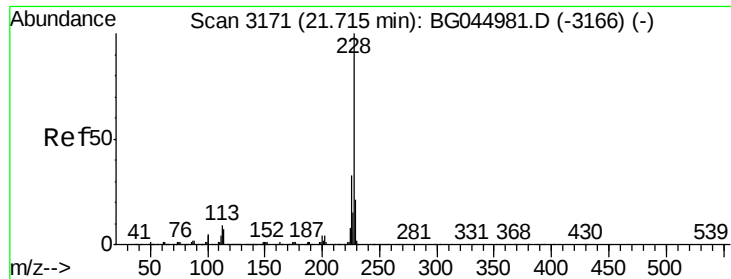
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#82
3,3'-Dichlorobenzidine
Concen: 41.422 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	79.0
126	8.4	7.5	11.3





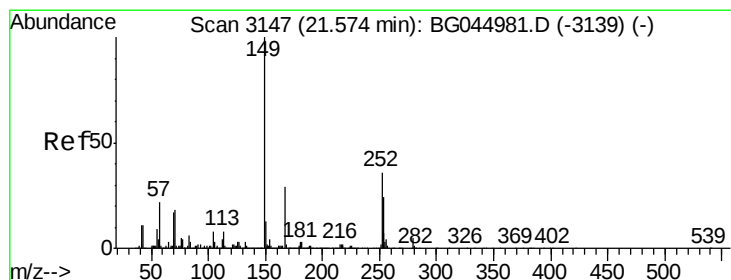
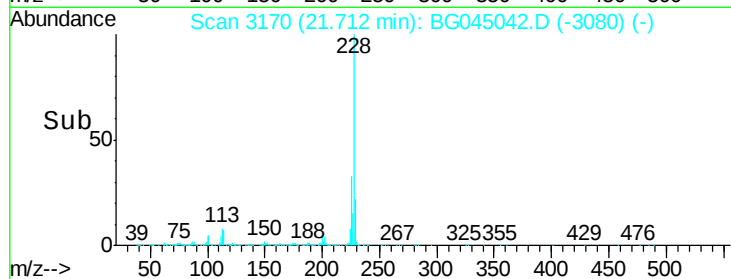
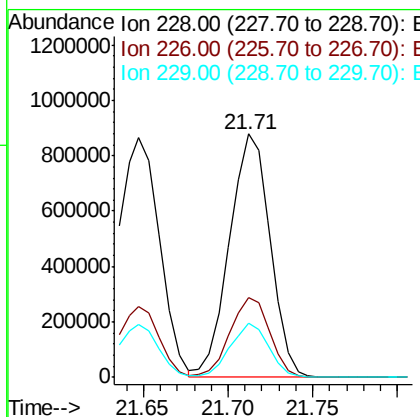
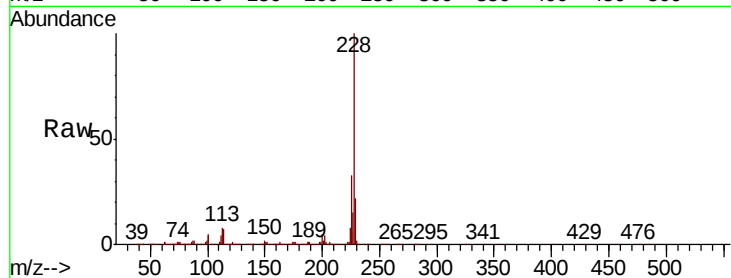
#83
 Chrysene
 Concen: 40.553 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC40

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	22.4	17.0	25.6

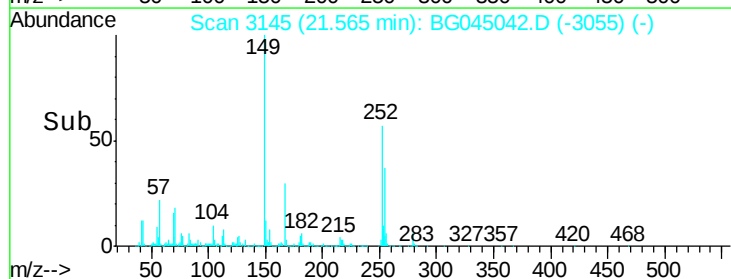
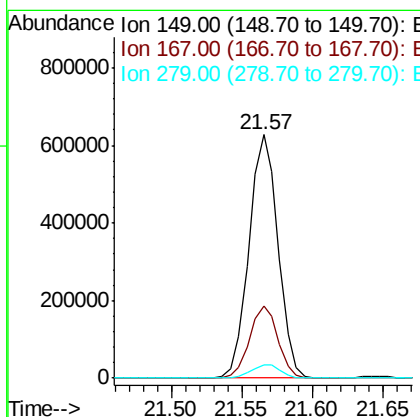
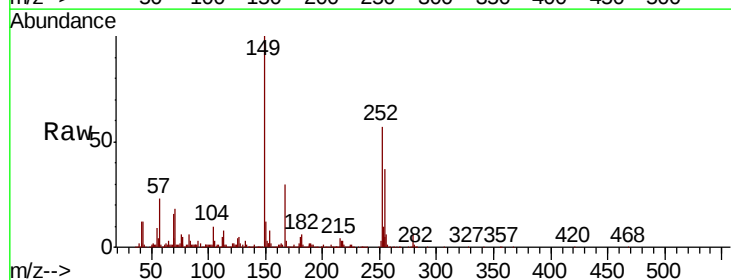
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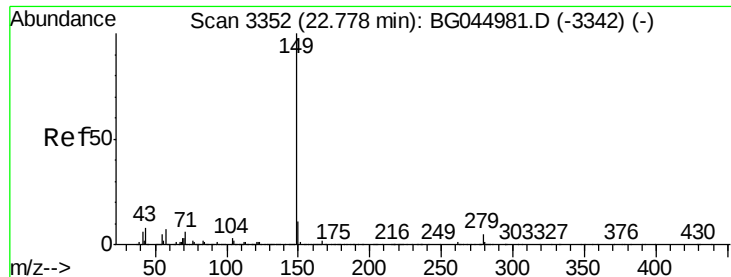
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.602 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG045042.D
 Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 40.080 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC40

Tot Ion:149 Resp: 1582584

Ion Ratio Lower Upper

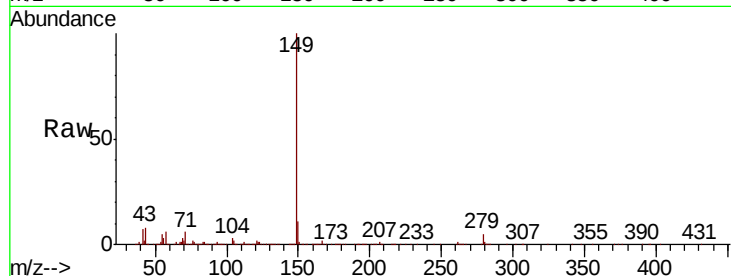
149 100

167 1.8 1.4 2.2

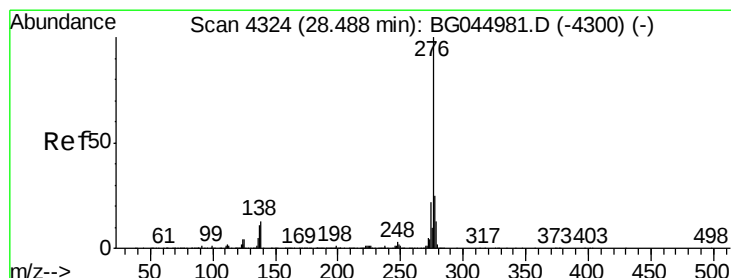
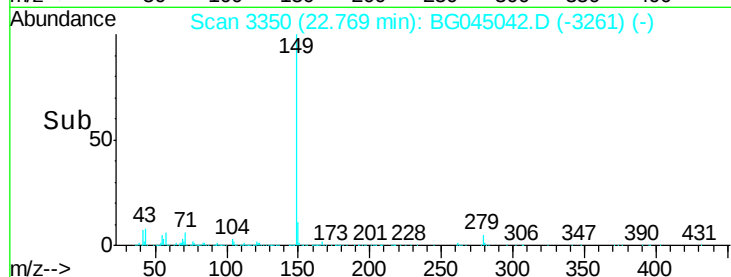
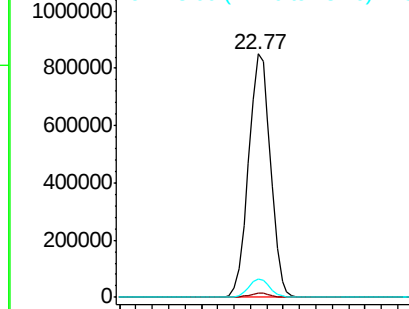
43 7.5 5.7 8.5

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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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.070 ng

RT: 28.49 min Scan# 4323

Delta R.T. 0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

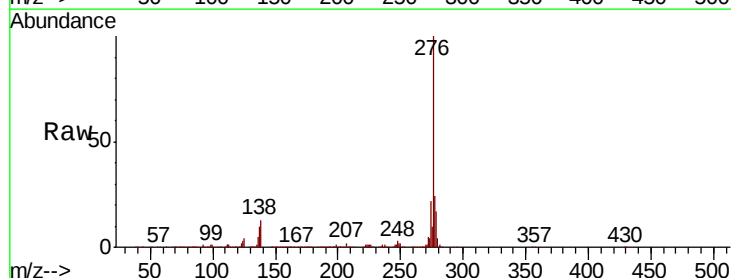
Tgt Ion:276 Resp: 1972788

Ion Ratio Lower Upper

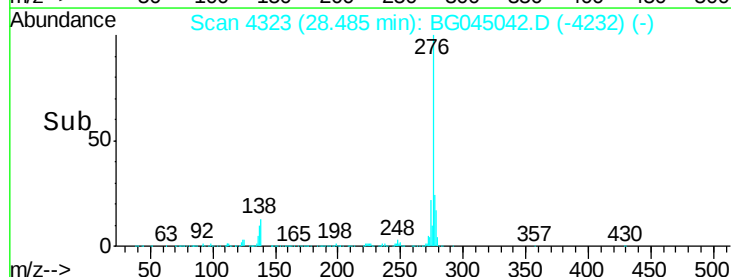
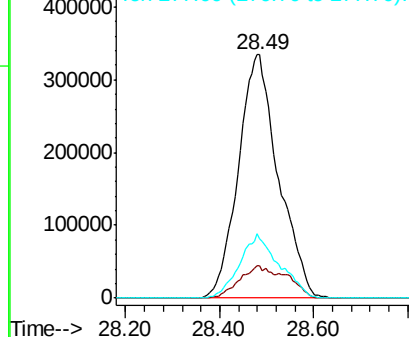
276 100

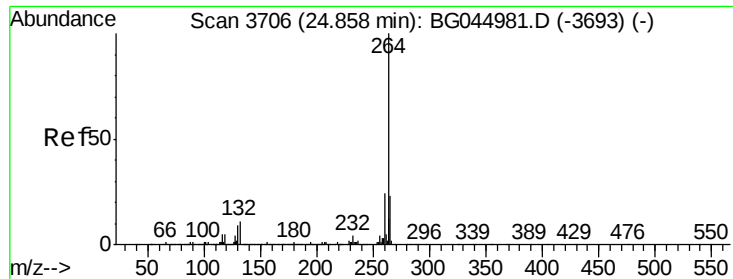
138 15.7 9.6 14.4#

277 25.9 20.6 31.0



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: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Instrument :

BNA_G

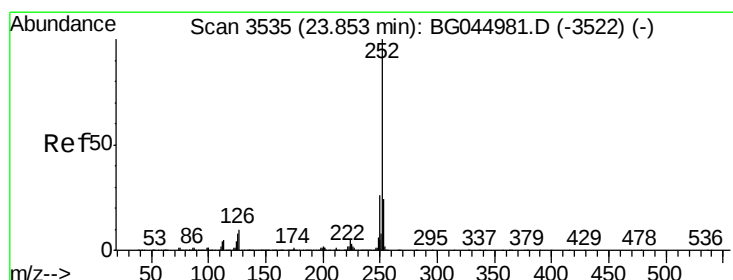
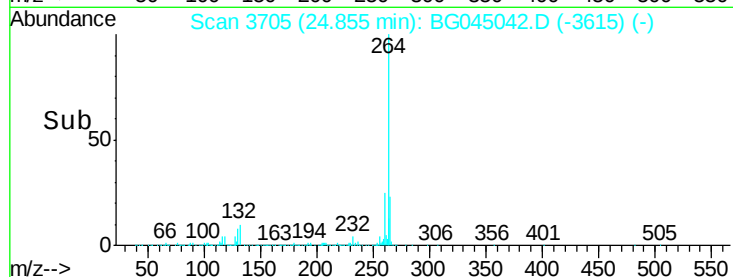
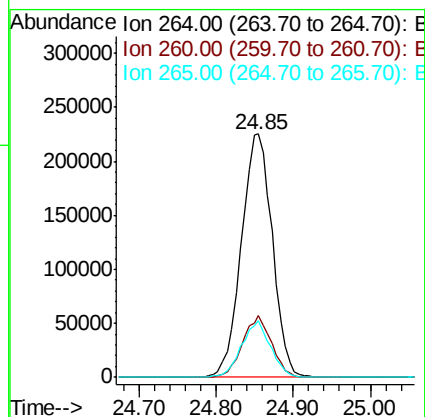
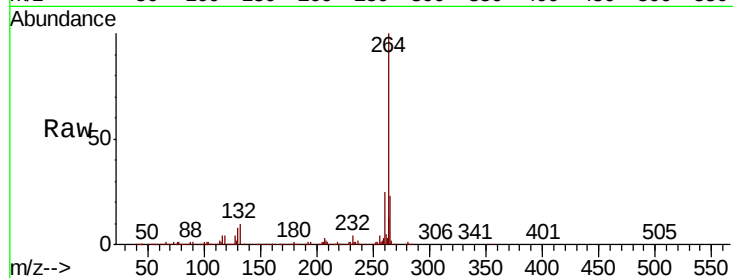
ClientSampleId :

SSTDCCC40

Tot Ion:	264	Resp:	632831
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.2	28.8
265	23.2	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 42.201 ng

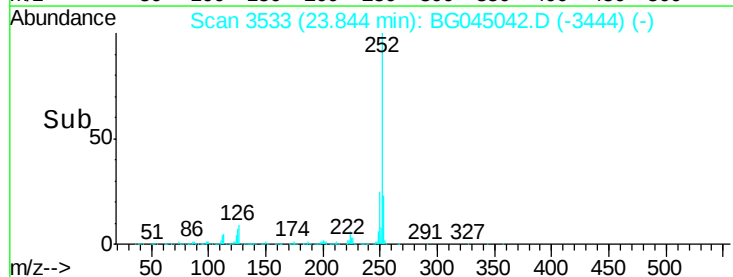
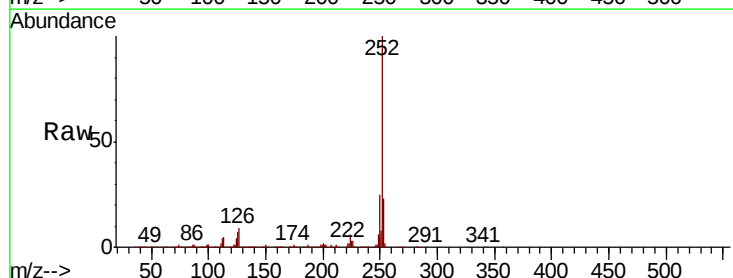
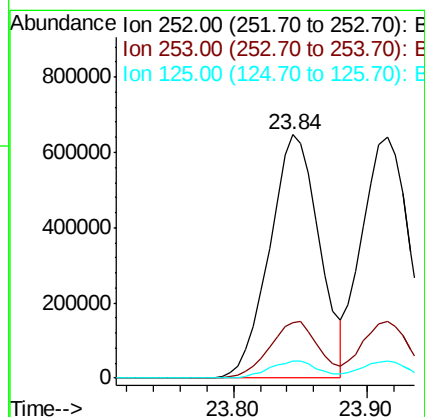
RT: 23.84 min Scan# 3533

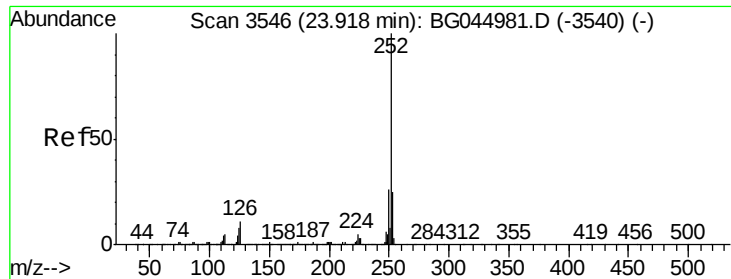
Delta R.T. -0.01 min

Lab File: BG045042.D

Acq: 17 Apr 2020 21:47

Tgt Ion:	252	Resp:	1672875
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.8	28.2
125	6.9	6.2	9.4





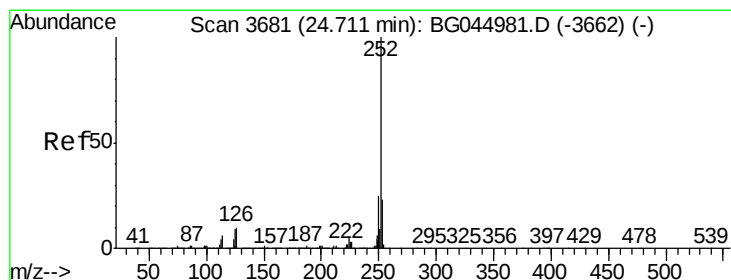
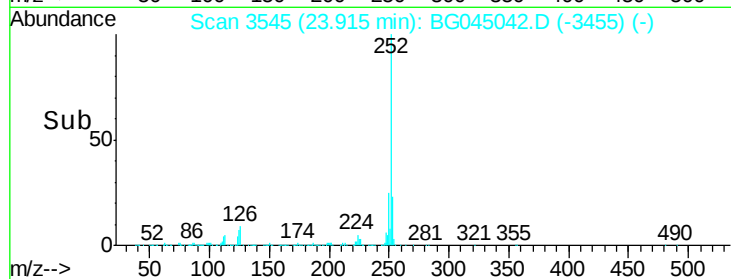
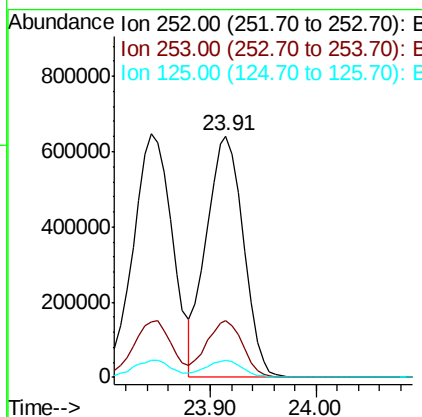
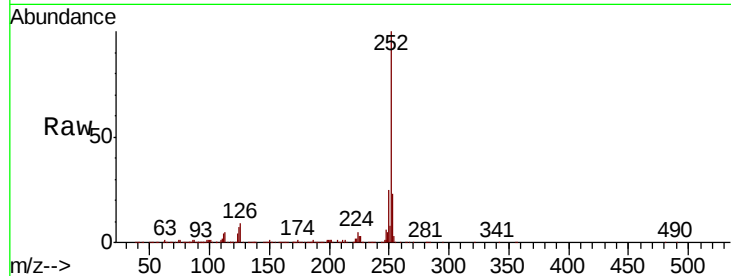
#89
Benzo(k)fluoranthene
Concen: 41.515 ng
RT: 23.91 min Scan# 3545
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	7.2	5.9	8.9

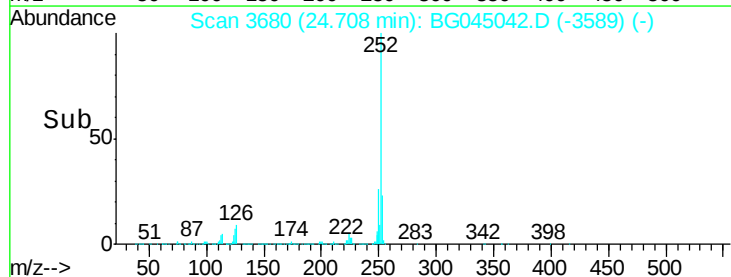
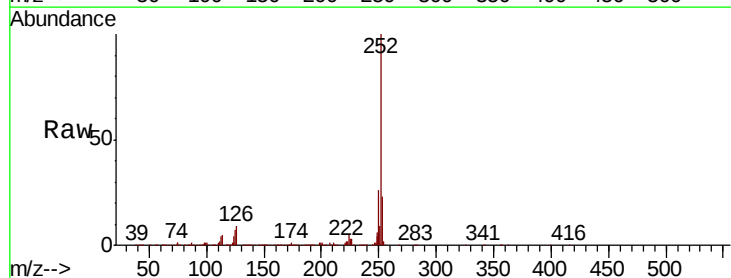
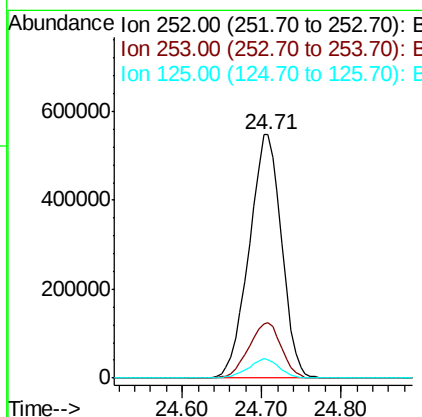
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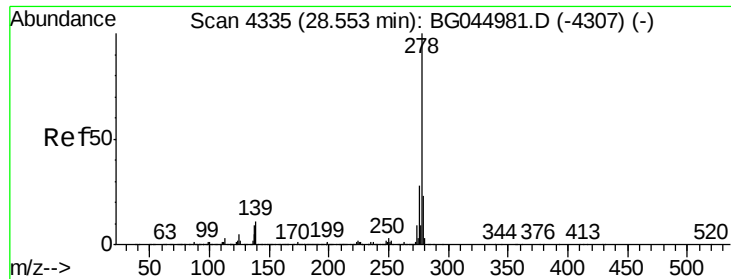
mohammad
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#90
Benzo(a)pyrene
Concen: 41.656 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	7.3	7.0	10.6





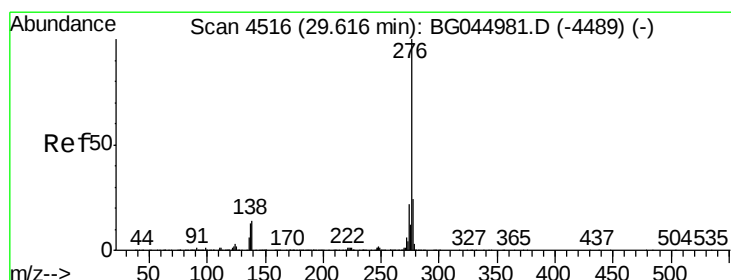
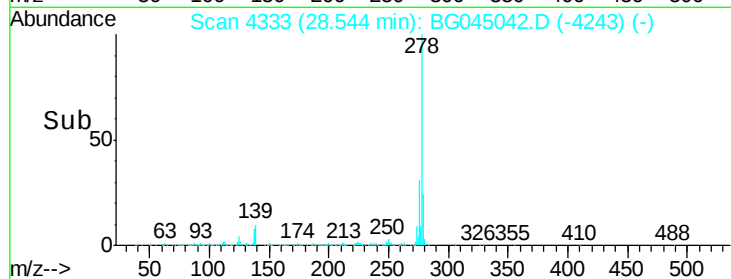
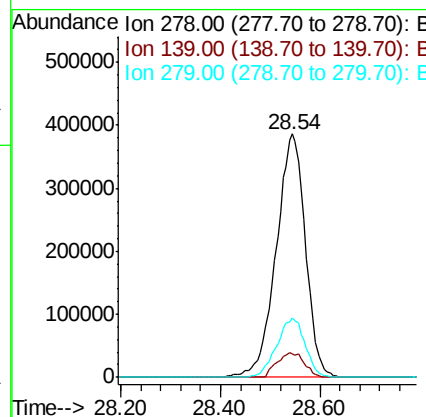
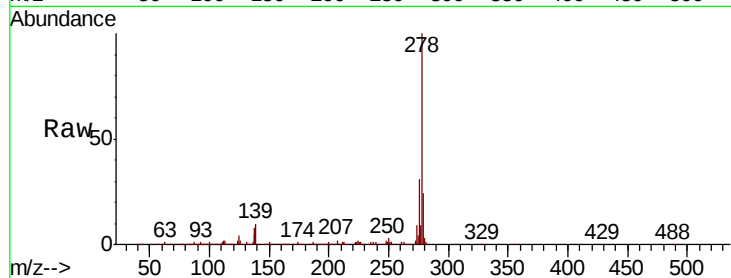
#91
Dibenzo(a,h)anthracene
Concen: 41.695 ng
RT: 28.54 min Scan# 4333
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC40

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.6
279	24.1	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/20/2020 2:28:08 PM



#92
Benzo(g,h,i)perylene
Concen: 41.737 ng
RT: 29.61 min Scan# 4514
Delta R.T. -0.00 min
Lab File: BG045042.D
Acq: 17 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	12.6	11.4	17.2

