

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045959.D
 Acq On : 7 Jul 2020 14:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:55:17 AM

Quant Time: Jul 07 15:15:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	140066	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	539344	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	322112	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	666833	20.00	ng	0.00
76) Chrysene-d12	21.63	240	571993	20.00	ng	0.00
86) Perylene-d12	24.79	264	599434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	691159	80.02	ng	0.00
7) Phenol-d6	7.16	99	999720	80.40	ng	0.00
23) Nitrobenzene-d5	9.16	82	826841	88.24	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	251032	83.97	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1662405	80.50	ng	0.00
79) Terphenyl-d14	19.99	244	2103884	81.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	168636	42.320	ng	98
3) Pyridine	3.90	79	502261	41.685	ng	98
4) n-Nitrosodimethylamine	3.82	42	178460	43.802	ng	# 98
6) Aniline	7.33	93	642558	40.393	ng	98
8) 2-Chlorophenol	7.58	128	367226	39.496	ng	98
9) Benzaldehyde	7.14	77	304558	38.657	ng	94
10) Phenol	7.19	94	500914	40.157	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	414563	40.191	ng	97
12) 1,3-Dichlorobenzene	7.90	146	425587	39.712	ng	99
13) 1,4-Dichlorobenzene	8.04	146	426824	40.486	ng	98
14) 1,2-Dichlorobenzene	8.36	146	402449	39.664	ng	98
15) Benzyl Alcohol	8.24	79	383796	39.363	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	541227	40.216	ng	99
17) 2-Methylphenol	8.45	107	372665	39.816	ng	98
18) Hexachloroethane	9.10	117	161825	39.893	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	352232	40.321	ng	99
20) 3+4-Methylphenols	8.77	107	515863	40.440	ng	99
22) Acetophenone	8.83	105	582984	40.461	ng	98
24) Nitrobenzene	9.20	77	460503	44.525	ng	98
25) Isophorone	9.73	82	937958	41.003	ng	98
26) 2-Nitrophenol	9.91	139	150087	44.522	ng	98
27) 2,4-Dimethylphenol	9.98	122	324683	39.876	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	525733	40.927	ng	98
29) 2,4-Dichlorophenol	10.45	162	340824	40.435	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	375384	40.194	ng	100
31) Naphthalene	10.86	128	1159101	40.089	ng	99
32) Benzoic acid	10.10	122	199893	41.255	ng	92
33) 4-Chloroaniline	10.95	127	517377	40.044	ng	97
34) Hexachlorobutadiene	11.16	225	220298	40.399	ng	97
35) Caprolactam	11.72	113	128416	40.127	ng	89
36) 4-Chloro-3-methylphenol	12.08	107	391017	40.730	ng	100
37) 2-Methylnaphthalene	12.46	142	841015	40.919	ng	98
38) 1-Methylnaphthalene	12.68	142	783288	40.382	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	368025	40.531	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	210293	39.031	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	259414	42.244	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	293502	42.272	nq	97
46) 1,1'-Biphenyl	13.47	154	988662	40.801	nq	99
47) 2-Chloronaphthalene	13.51	162	761407	39.825	nq	98
48) 2-Nitroaniline	13.70	65	242058	45.361	nq	98
49) Acenaphthylene	14.36	152	1244679	40.351	nq	99
50) Dimethylphthalate	14.09	163	971858	40.203	nq	99
51) 2,6-Dinitrotoluene	14.20	165	191339	44.512	nq	100
52) Acenaphthene	14.70	154	788048	40.503	nq	97
53) 3-Nitroaniline	14.53	138	234526	44.442	nq	# 97
54) 2,4-Dinitrophenol	14.73	184	62402	41.744	nq	92
55) Dibenzofuran	15.03	168	1141471	40.022	nq	99
56) 4-Nitrophenol	14.83	139	179492	45.575	nq	98
57) 2,4-Dinitrotoluene	14.98	165	249622	45.236	nq	94
58) Fluorene	15.68	166	934608	39.946	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	229052m	42.728	nq	
60) Diethylphthalate	15.46	149	1007061	39.724	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	465214	39.967	nq	98
62) 4-Nitroaniline	15.69	138	233129	46.661	nq	97
63) Azobenzene	15.96	77	1113027	40.905	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	99185	43.878	nq	98
66) n-Nitrosodiphenylamine	15.88	169	826289	39.987	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	300796	40.388	nq	99
68) Hexachlorobenzene	16.69	284	299002	40.008	nq	98
69) Atrazine	16.83	200	247713	40.545	nq	97
70) Pentachlorophenol	17.02	266	178439	42.944	nq	99
71) Phenanthrene	17.42	178	1403507	39.812	nq	98
72) Anthracene	17.51	178	1421239	39.725	nq	100
73) Carbazole	17.77	167	1416285	39.494	nq	99
74) Di-n-butylphthalate	18.35	149	1684308	38.868	nq	100
75) Fluoranthene	19.42	202	1608344	39.465	nq	100
77) Benzidine	19.60	184	714253	43.673	nq	99
78) Pyrene	19.78	202	1630184	41.752	nq	99
80) Butylbenzylphthalate	20.69	149	777035	42.114	nq	100
81) Benzo(a)anthracene	21.62	228	1499051	39.857	nq	100
82) 3,3'-Dichlorobenzidine	21.53	252	555005	39.935	nq	99
83) Chrysene	21.68	228	1441938	40.243	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1081570	40.383	nq	100
85) Di-n-octyl phthalate	22.76	149	1874261	40.326	nq	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	1834408	41.831	nq	99
88) Benzo(b)fluoranthene	23.80	252	1578080	41.471	nq	99
89) Benzo(k)fluoranthene	23.87	252	1501565	41.732	nq	99
90) Benzo(a)pyrene	24.65	252	1492388	41.708	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1462566	41.350	nq	98
92) Benzo(g,h,i)perylene	29.50	276	1462379	41.085	nq	99

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

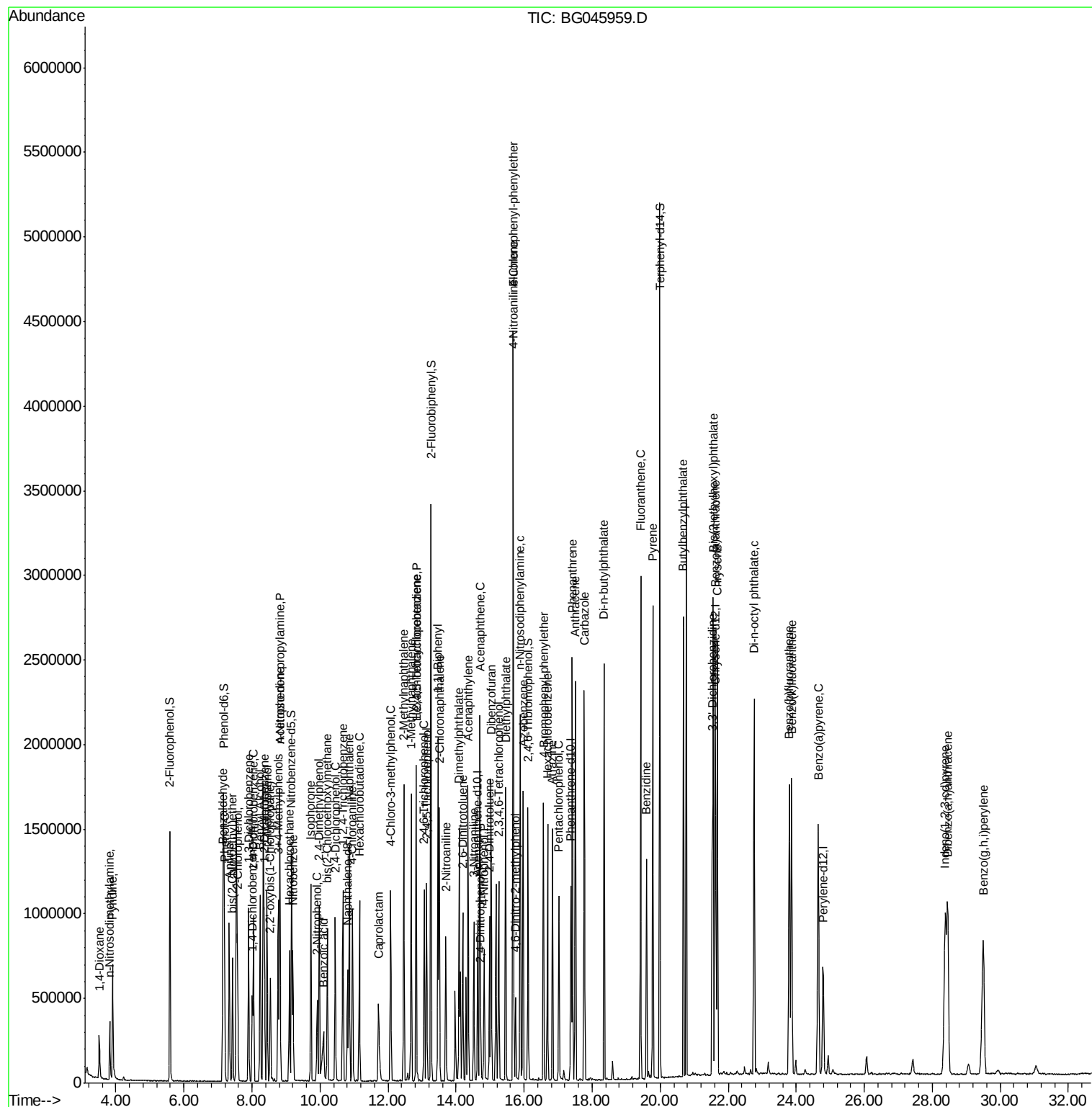
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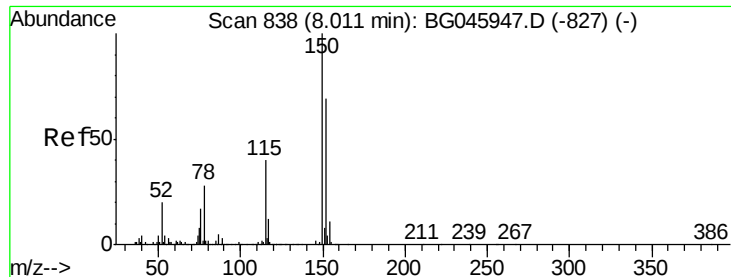
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#1

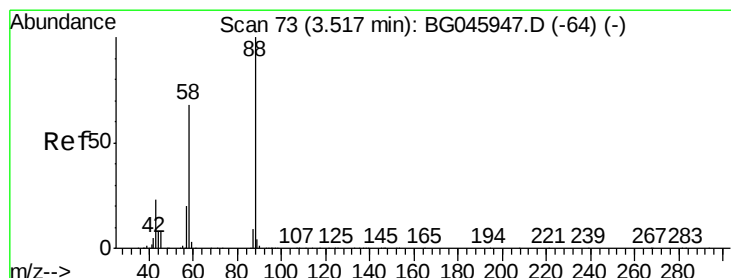
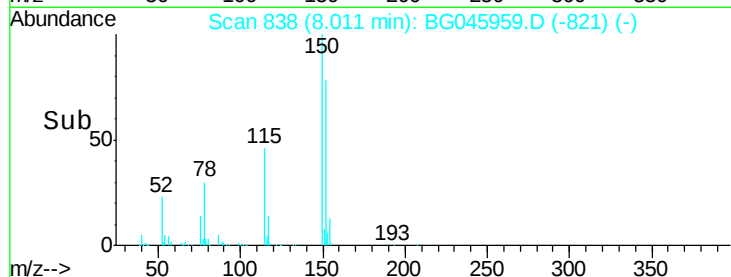
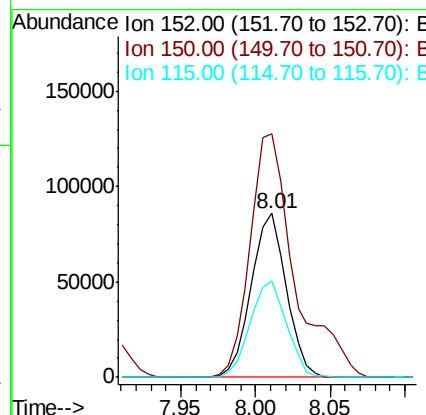
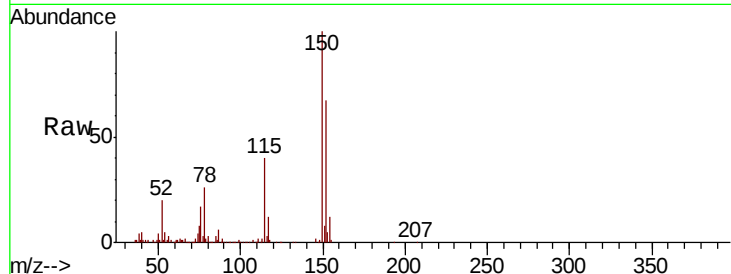
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	116.7	175.1
115	58.9	47.4	71.0

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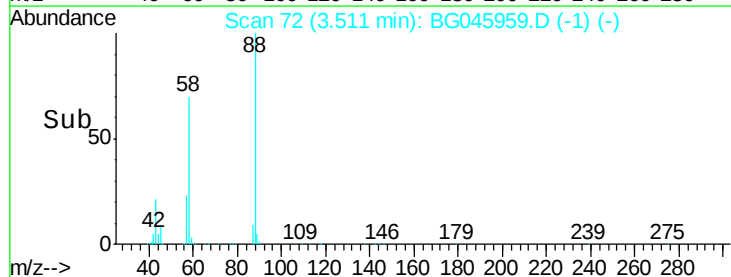
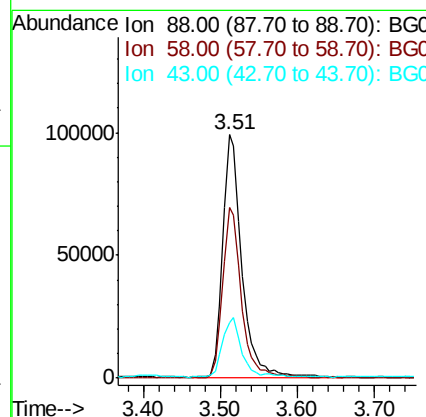
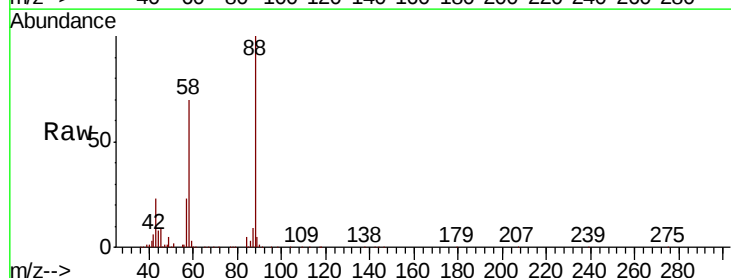
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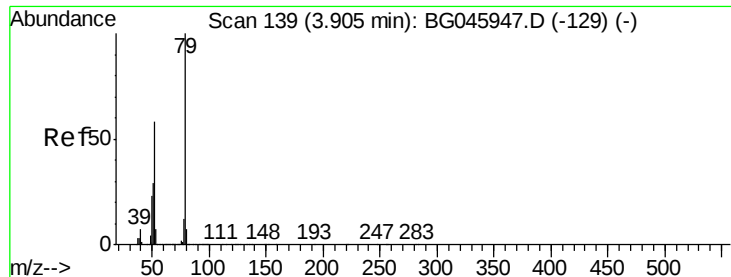


#2

1,4-Dioxane
Concen: 42.320 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.2	82.8
43	26.2	19.4	29.0





#3

Pvridine

Concen: 41.685 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

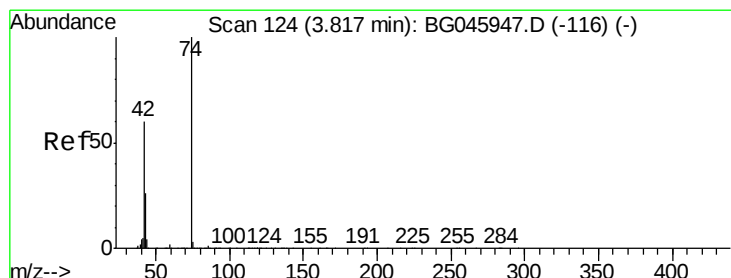
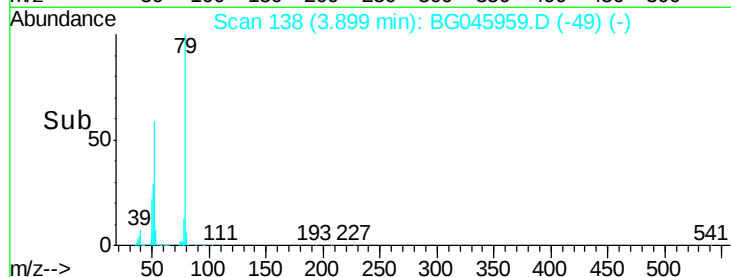
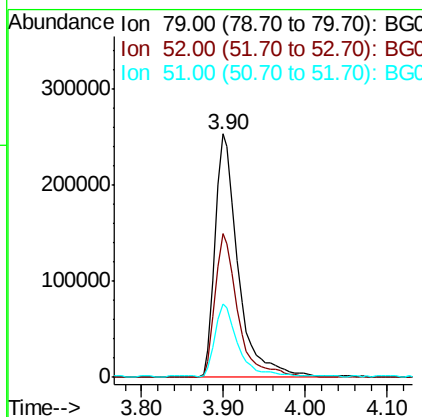
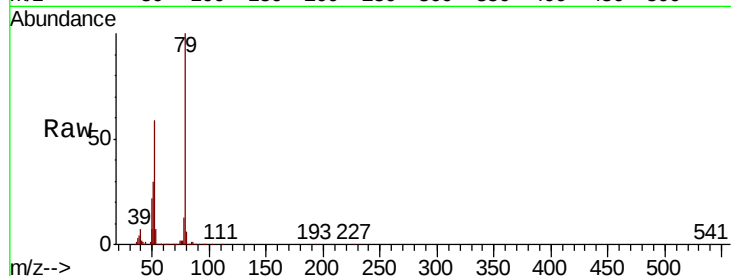
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	502261
Ion Ratio	Lower	Upper	
79	100		
52	59.3	46.5	69.7
51	30.2	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 43.802 ng

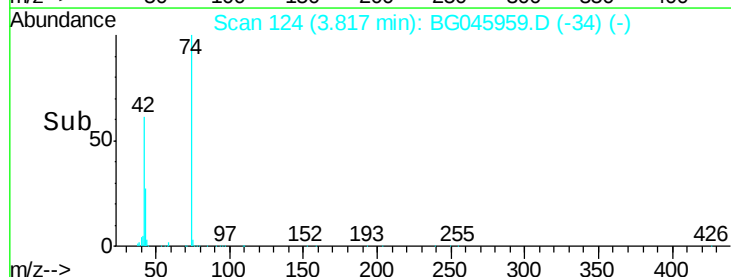
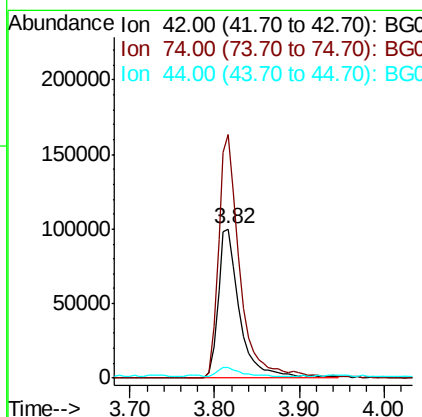
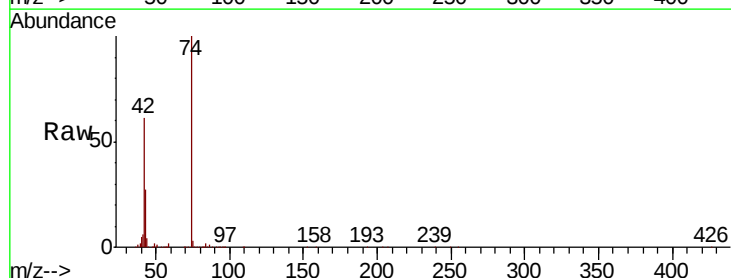
RT: 3.82 min Scan# 124

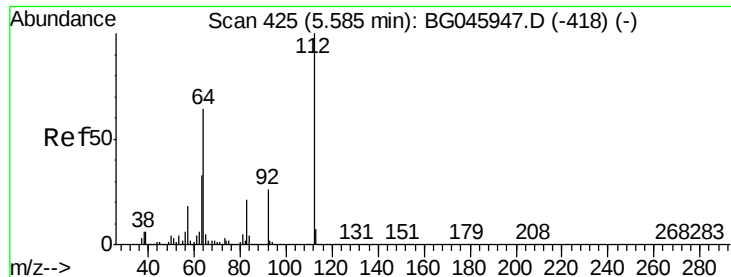
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	42	Resp:	178460
Ion Ratio	Lower	Upper	
42	100		
74	163.0	131.9	197.9
44	7.3	7.7	11.5#





#5

2-Fluorophenol

Concen: 80.022 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

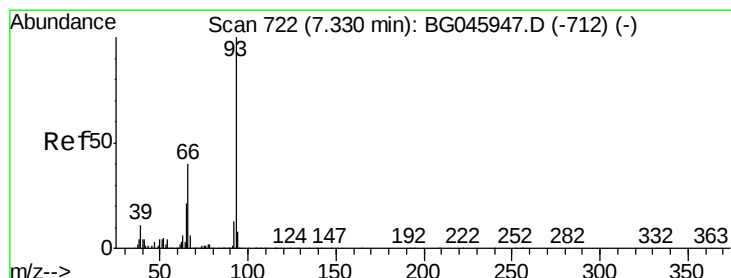
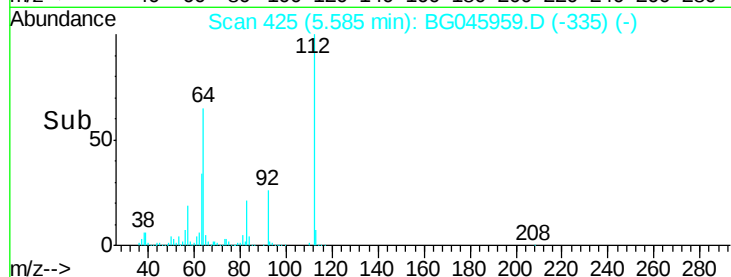
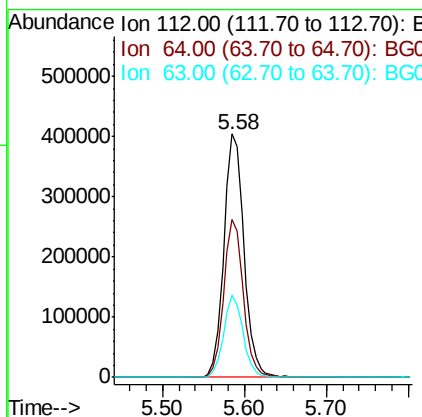
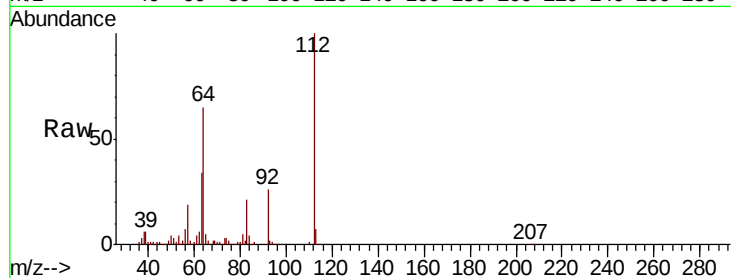
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	691159
Ion Ratio	Lower	Upper	
112	100		
64	65.1	51.4	77.2
63	33.8	26.6	40.0

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#6

Aniline

Concen: 40.393 ng

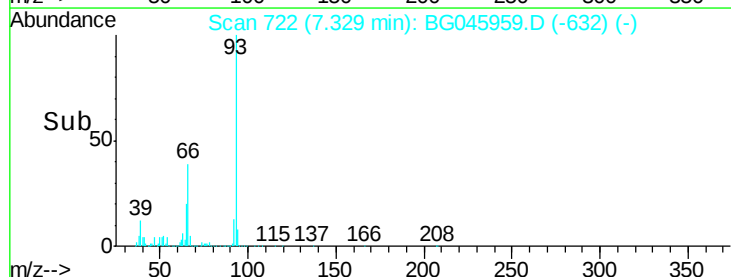
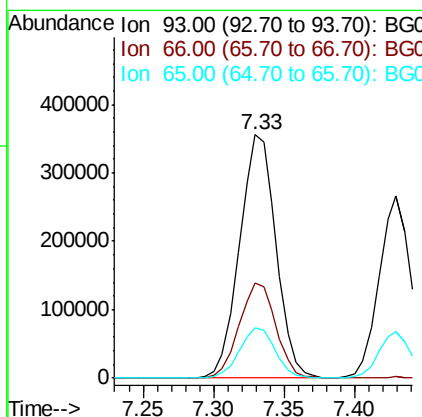
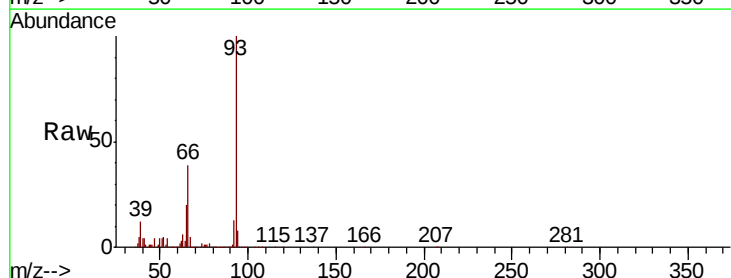
RT: 7.33 min Scan# 722

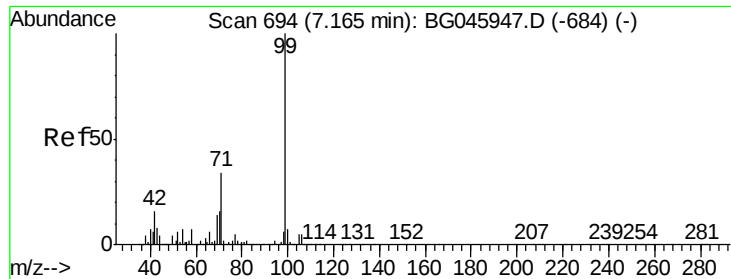
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	93	Resp:	642558
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.3	48.5
65	20.4	16.6	25.0





#7

Phenol-d6

Concen: 80.395 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

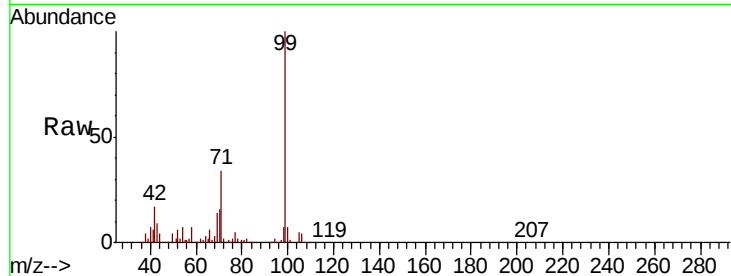
ClientSampleId :

SSTDCCC040EC

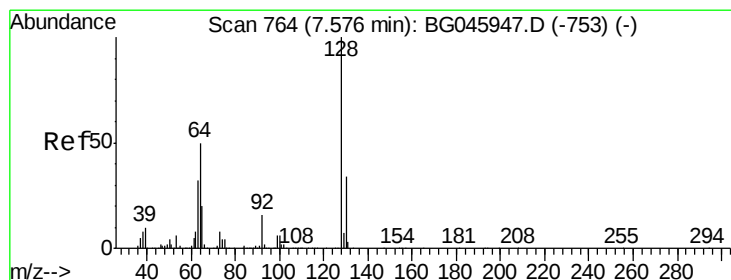
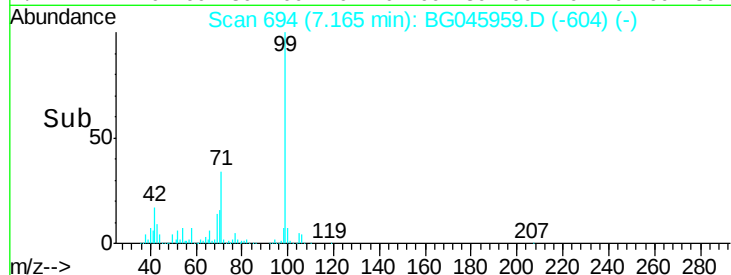
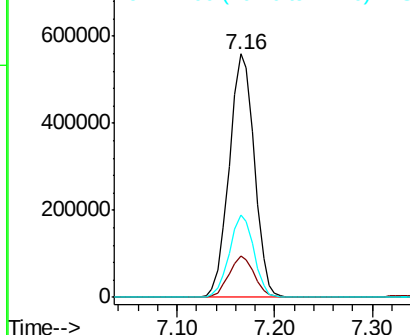
Tot Ion:	99	Resp:	999720
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.0	19.4
71	34.0	27.5	41.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.496 ng

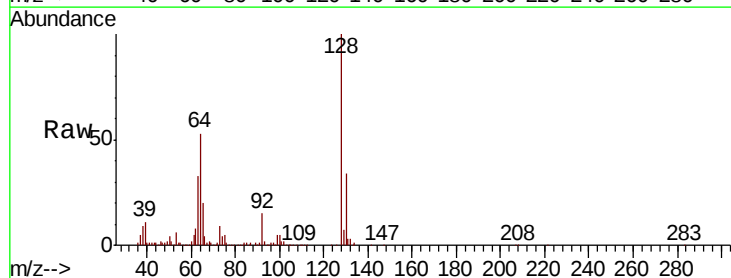
RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

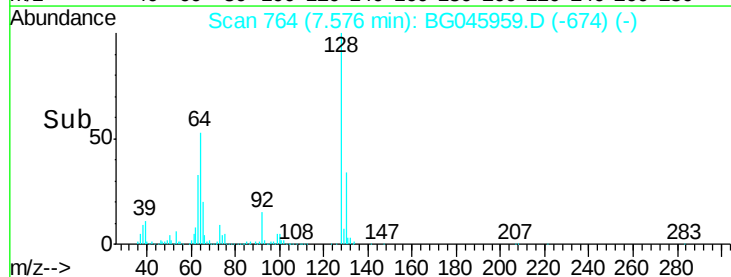
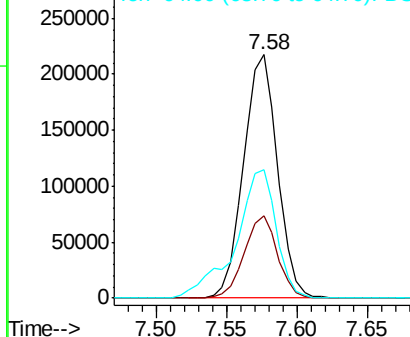
Lab File: BG045959.D

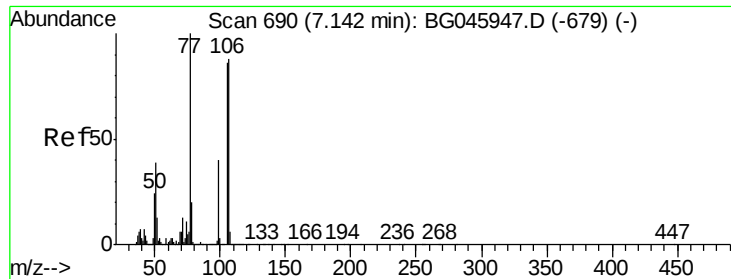
Acq: 7 Jul 2020 14:11

Tgt Ion:	128	Resp:	367226
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.6	53.6
64	52.9	30.6	70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.657 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

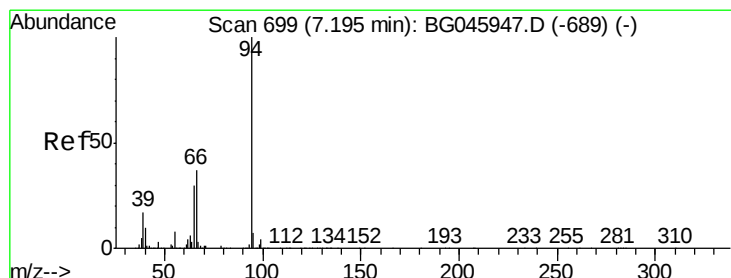
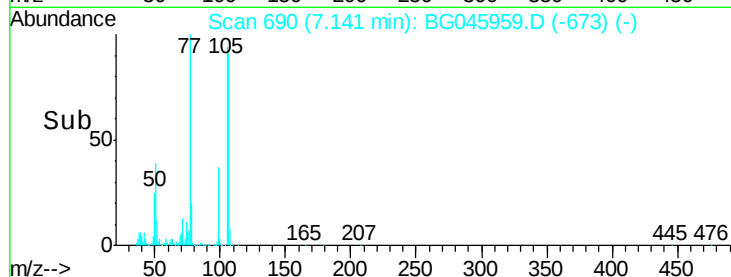
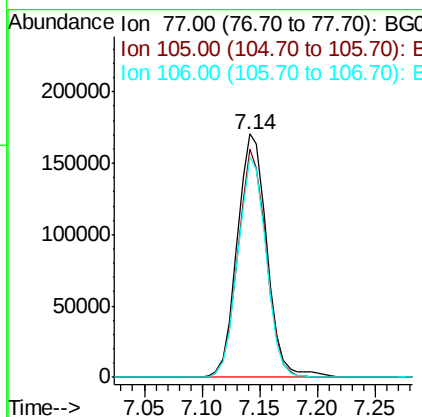
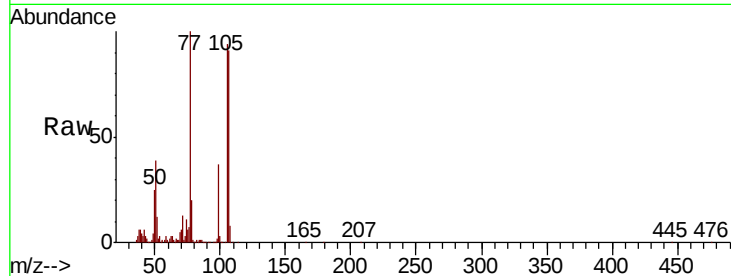
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	93.7	66.0	106.0	
106	90.6	67.7	107.7	

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#10

Phenol

Concen: 40.157 ng

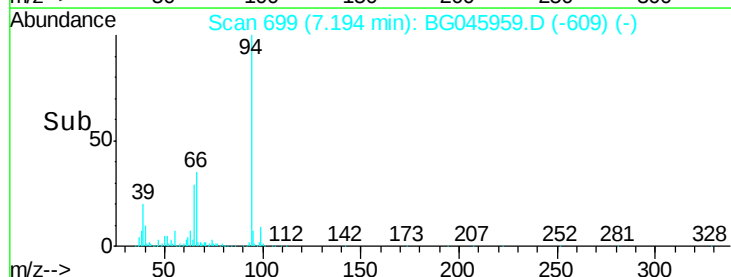
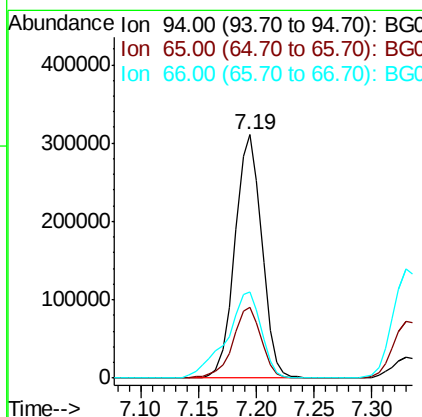
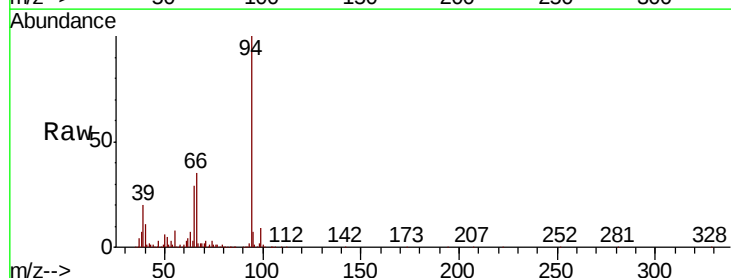
RT: 7.19 min Scan# 699

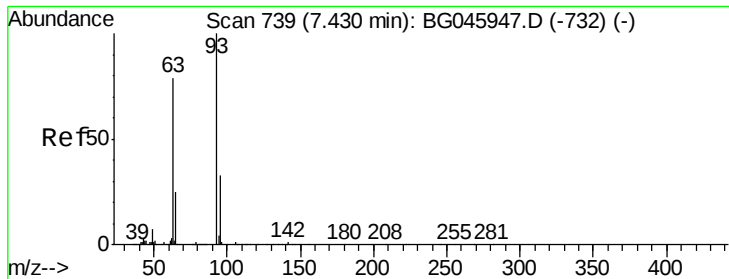
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.1	10.6	50.6	
66	35.2	17.1	57.1	





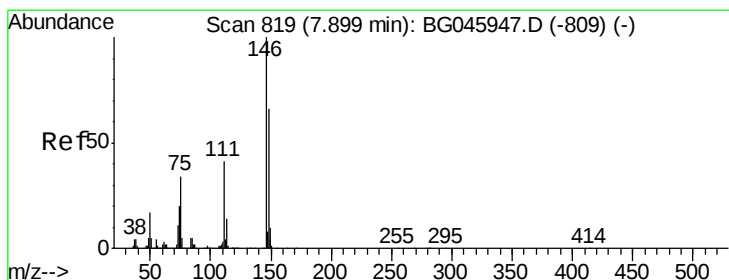
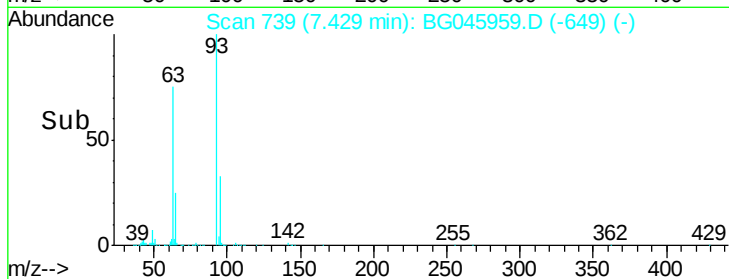
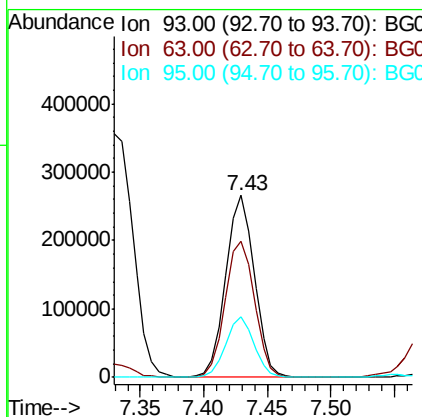
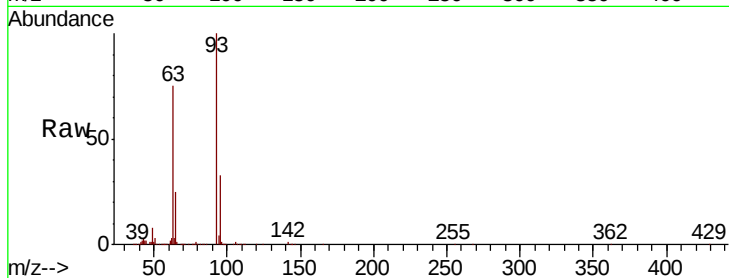
#11
bis(2-Chloroethyl)ether
Concen: 40.191 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	33.3	13.3	53.3

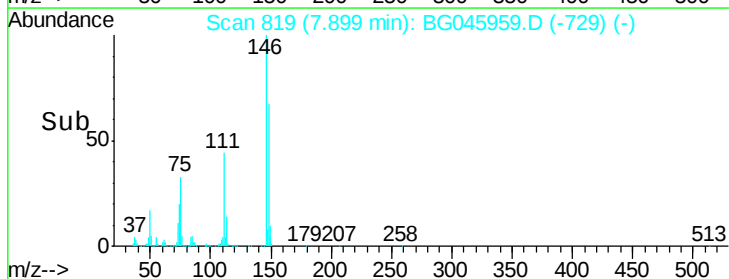
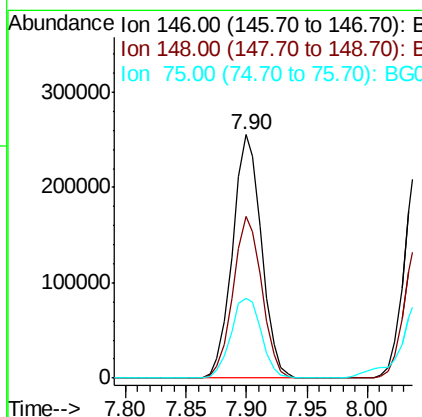
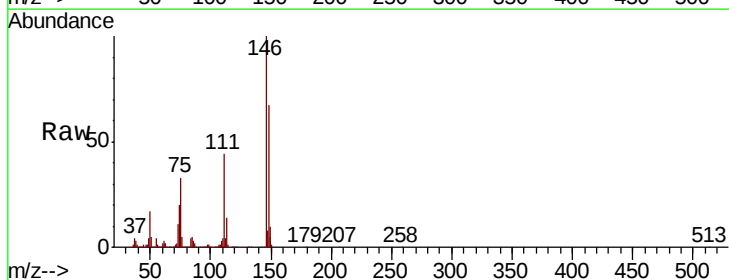
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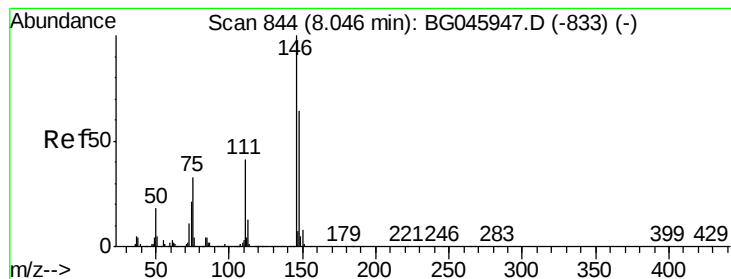
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#12
1,3-Dichlorobenzene
Concen: 39.712 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.8	79.2
75	32.6	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 40.486 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

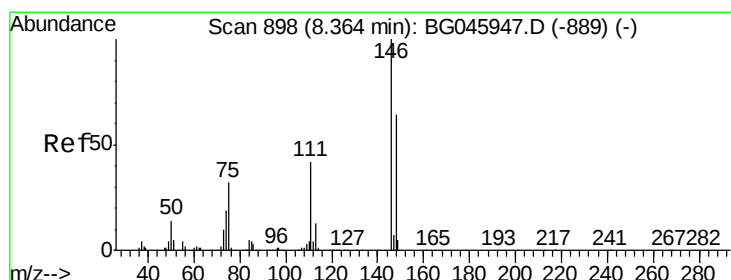
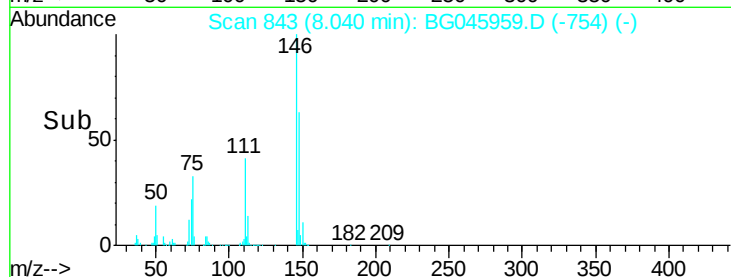
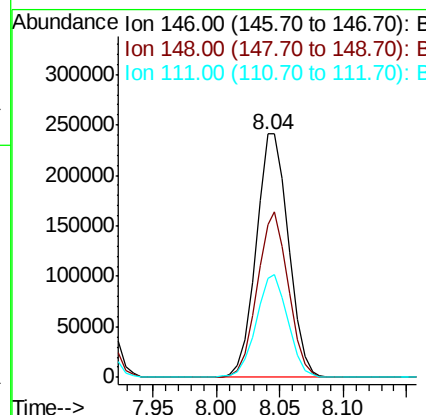
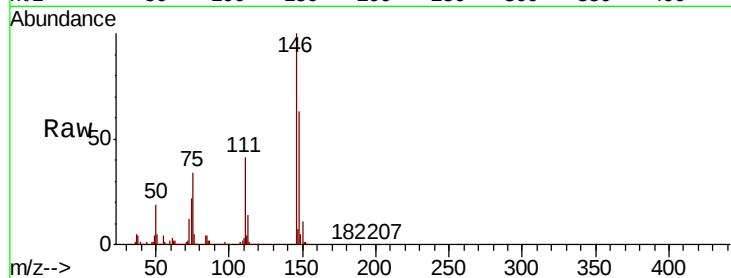
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	426824
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.7	77.5
111	40.6	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 39.664 ng

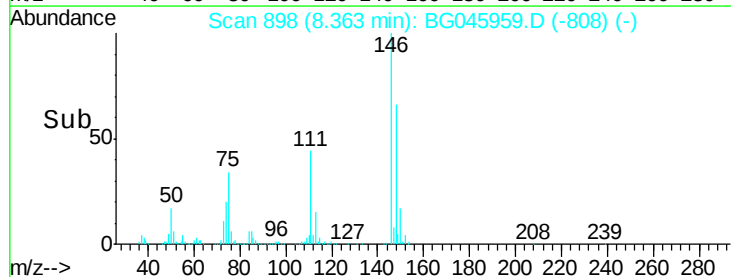
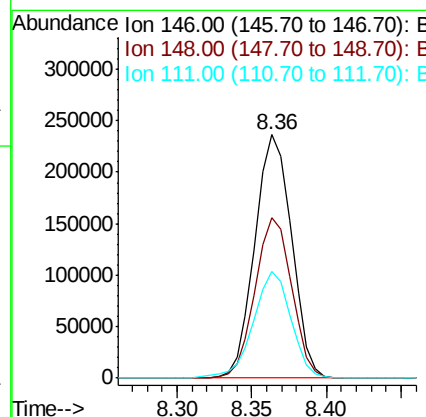
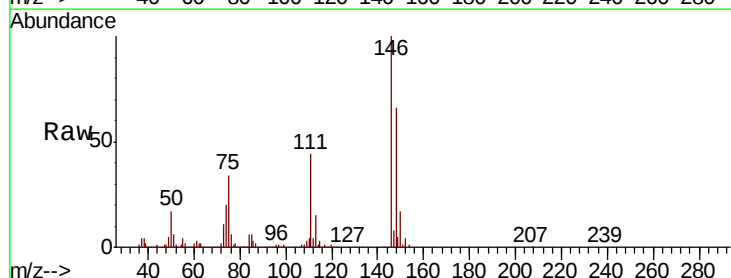
RT: 8.36 min Scan# 898

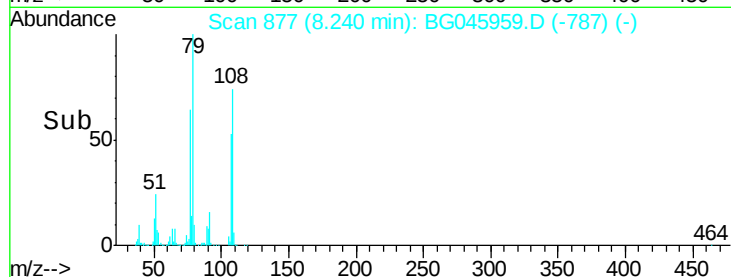
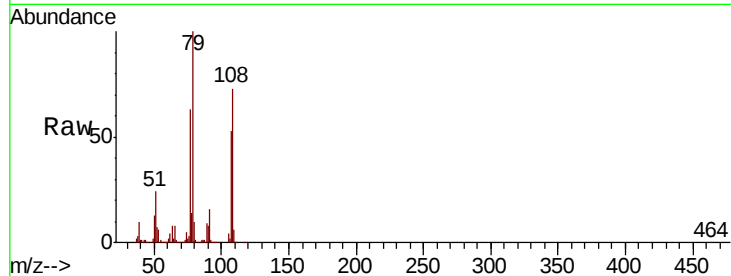
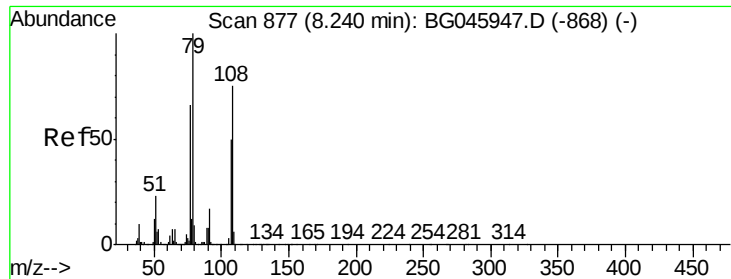
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	146	Resp:	402449
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.6	77.4
111	44.0	34.0	51.0





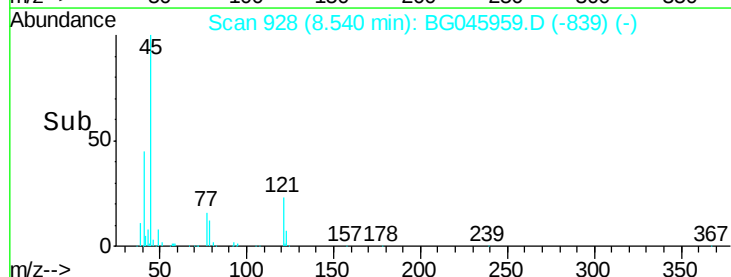
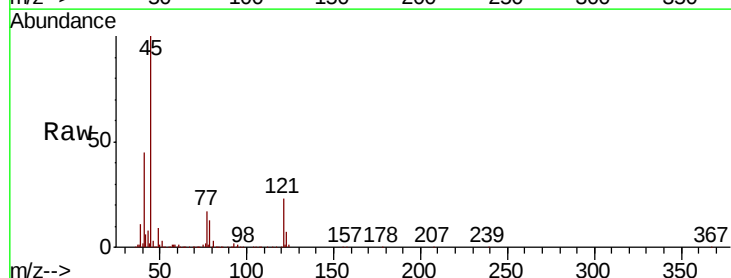
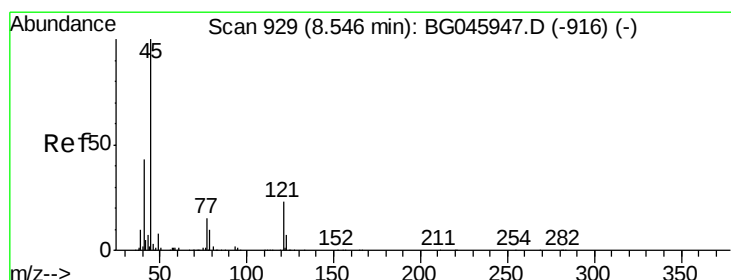
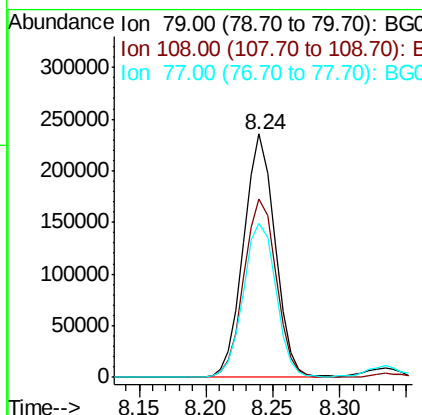
#15
Benzyl Alcohol
Concen: 39.363 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.5	60.2	90.4
77	63.5	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

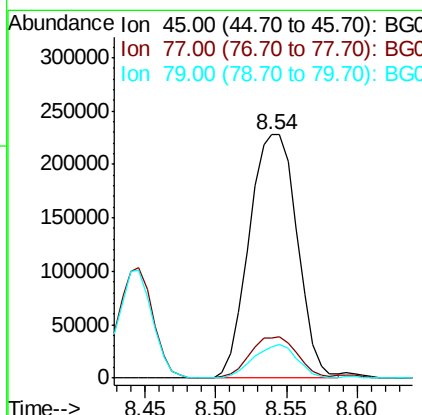
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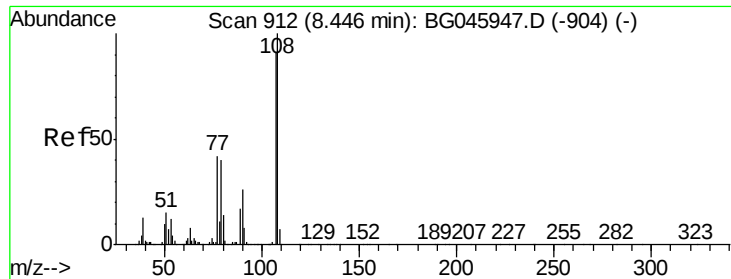
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.216 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	37.6
79	12.8	0.0	32.6





#17

2-Methylphenol

Concen: 39.816 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

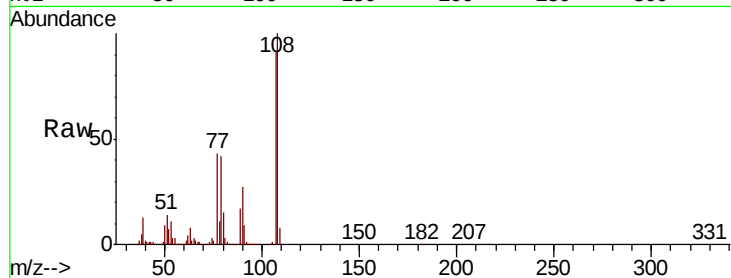
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	88.2	132.4	
77	47.5	37.0	55.4	
79	46.5	35.4	53.0	

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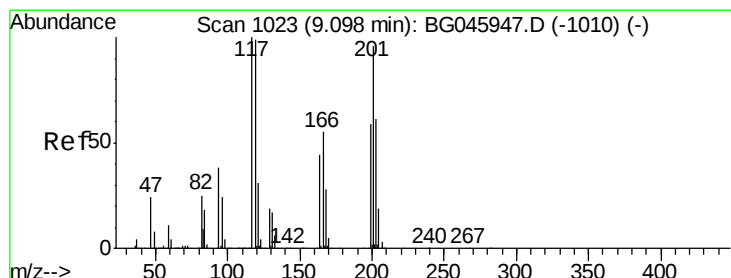
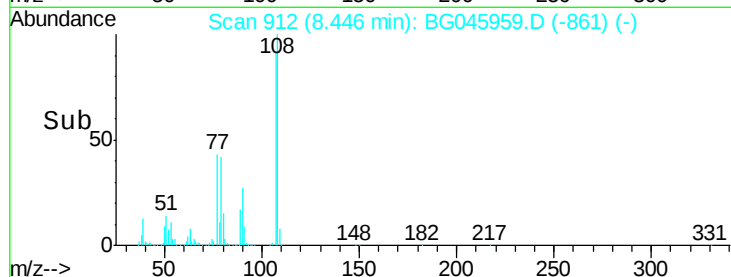
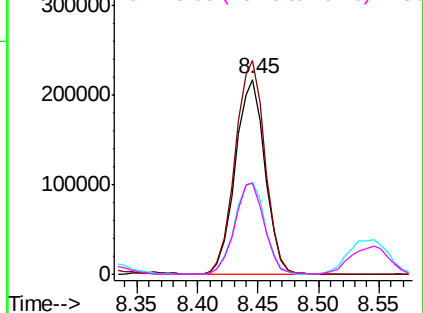
Abundance

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: 39.893 ng

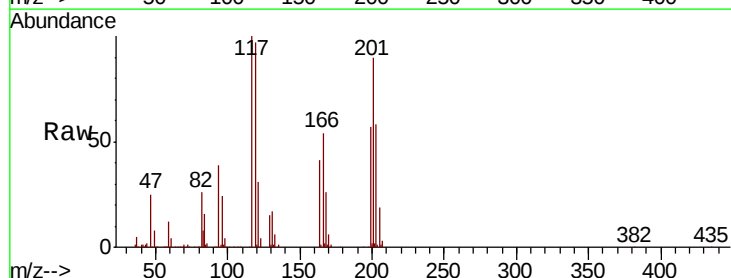
RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	79.5	119.3	
201	90.3	77.0	115.4	

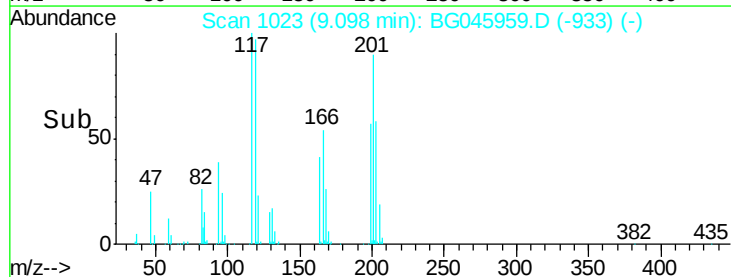
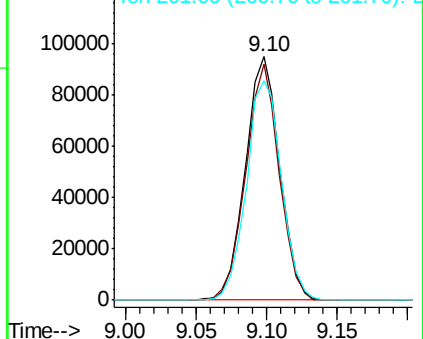


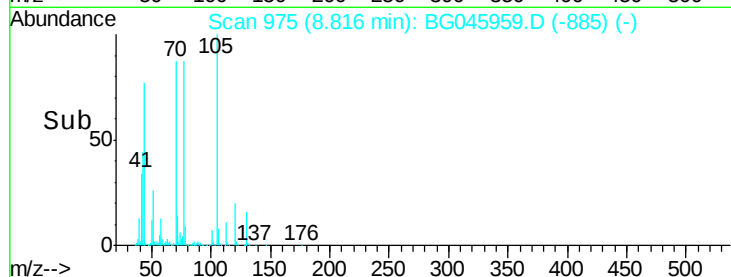
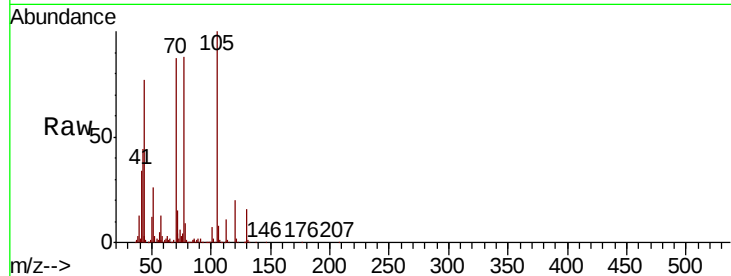
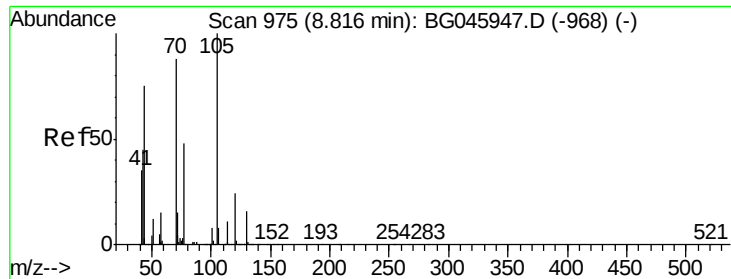
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





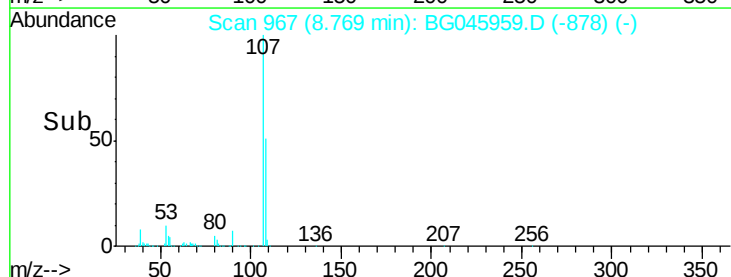
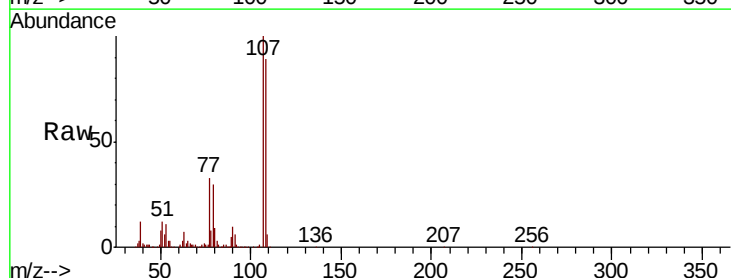
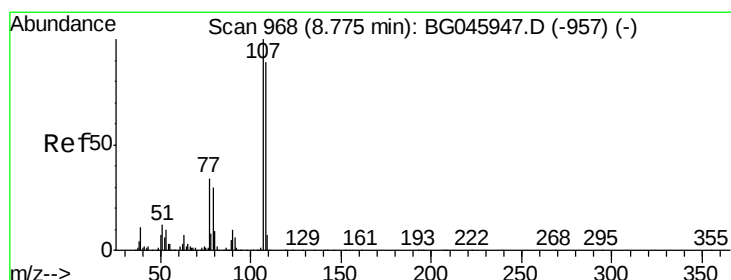
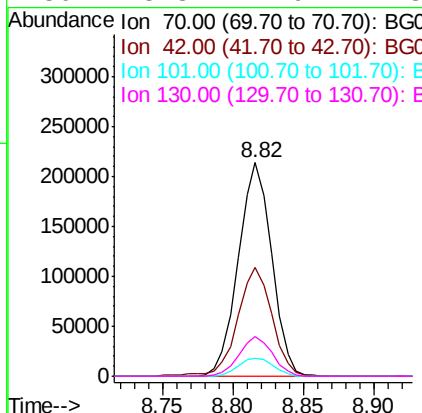
#19
n-Nitroso-di-n-propylamine
Concen: 40.321 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.7	41.4	62.0	
101	8.5	7.1	10.7	
130	18.3	14.9	22.3	

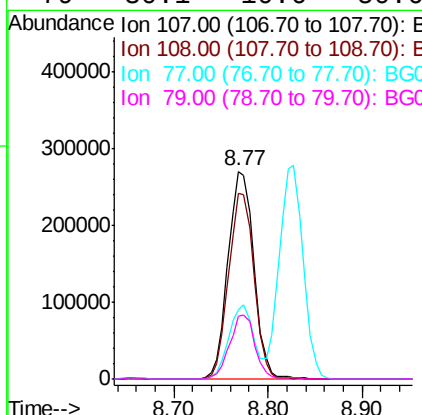
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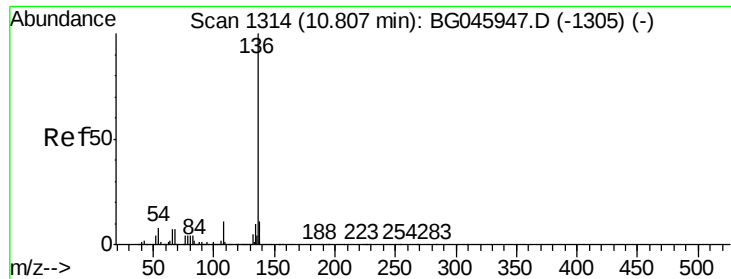
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#20
3+4-Methylphenols
Concen: 40.440 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.7	108.7	
77	33.2	14.6	54.6	
79	30.1	10.6	50.6	





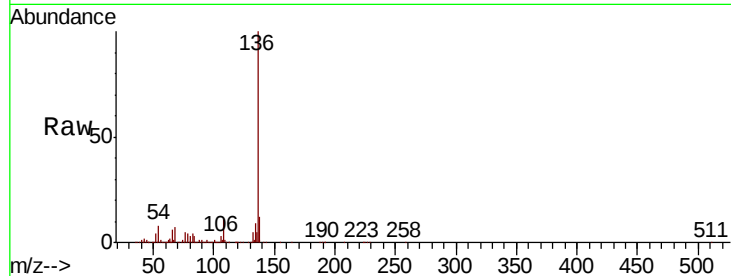
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

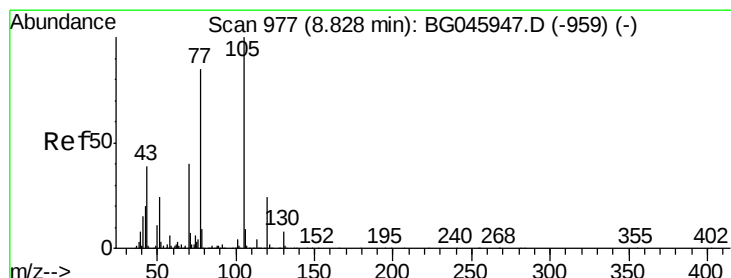
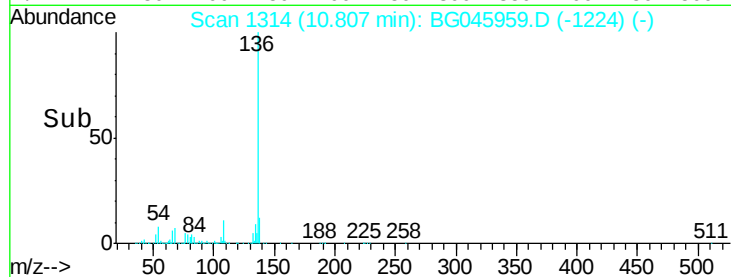
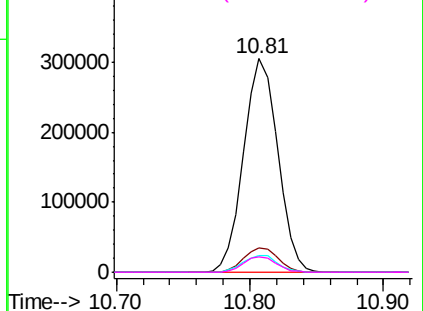
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.0	6.2	9.4
68	7.3	5.8	8.8

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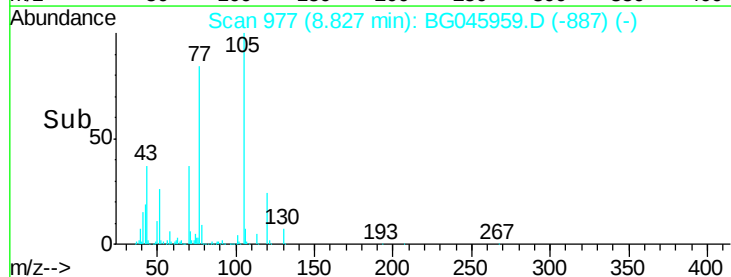
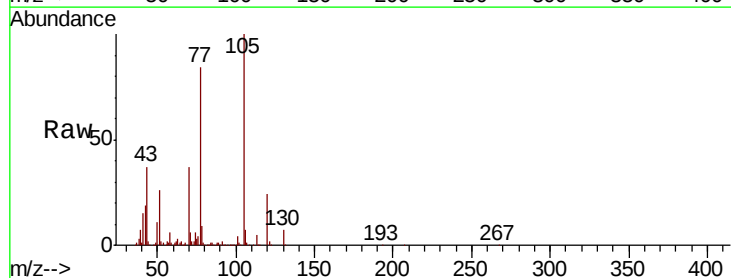
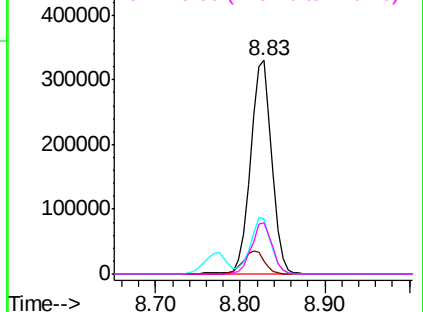
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

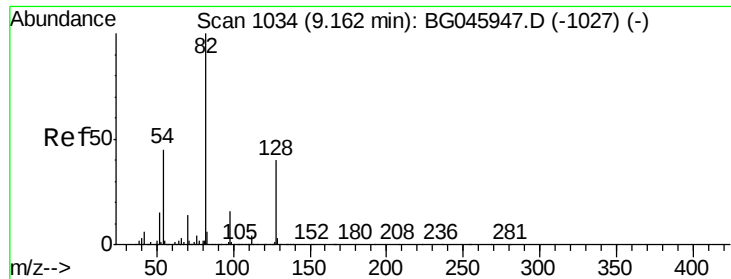


#22
Acetophenone
Concen: 40.461 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	6.2	9.2
51	25.7	19.7	29.5
120	24.2	19.2	28.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





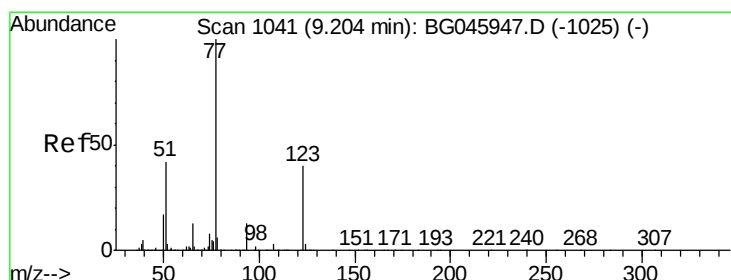
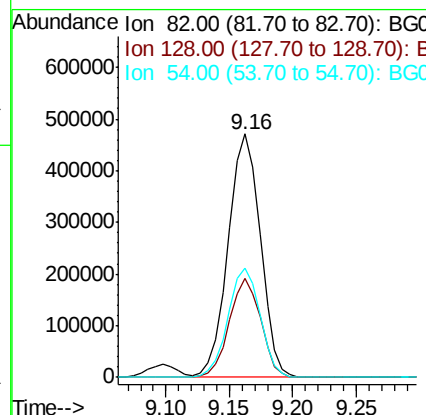
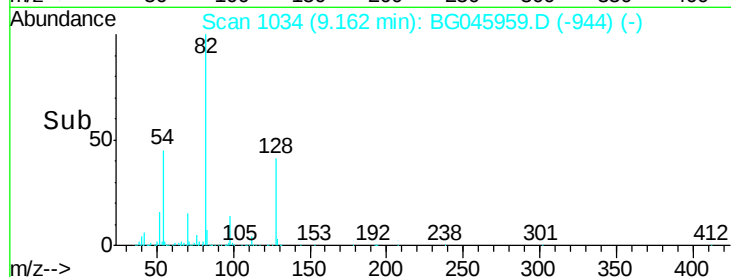
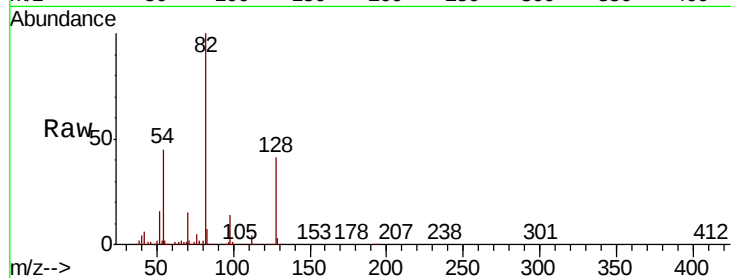
#23
Nitrobenzene-d5
Concen: 88.239 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	44.9	35.8	53.6

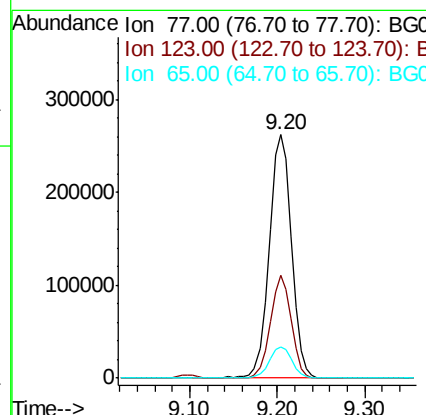
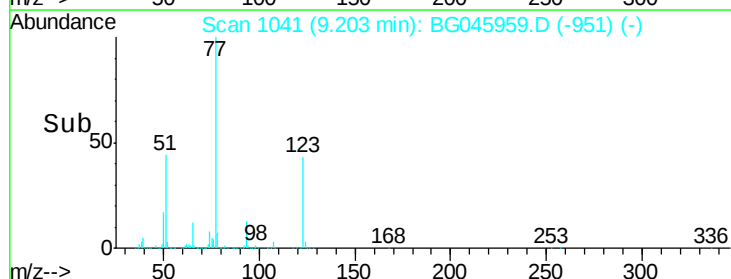
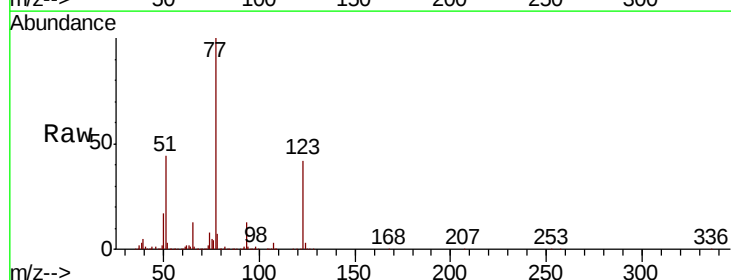
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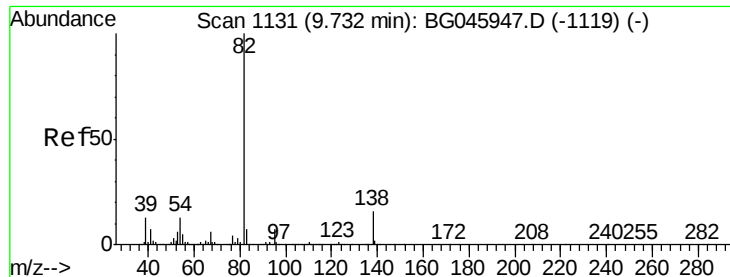
mohammad
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#24
Nitrobenzene
Concen: 44.525 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	32.7	49.1
65	12.5	10.2	15.4





#25

Isophorone

Concen: 41.003 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

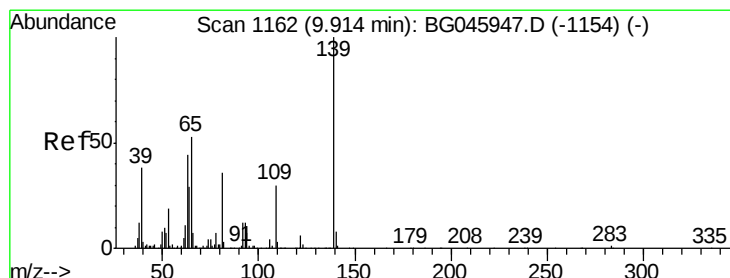
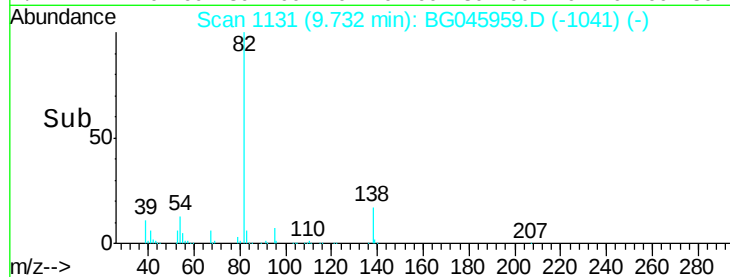
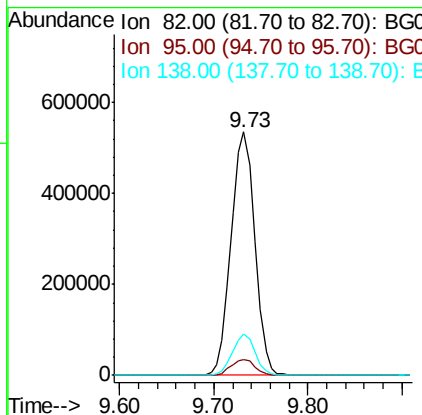
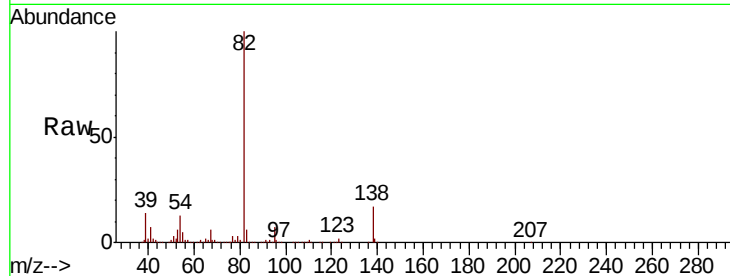
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	937958
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.8	8.6
138	16.8	12.9	19.3

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#26

2-Nitrophenol

Concen: 44.522 ng

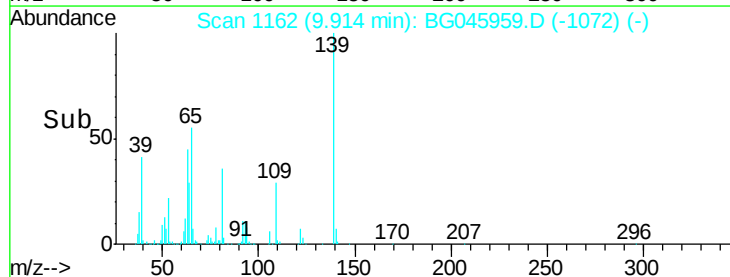
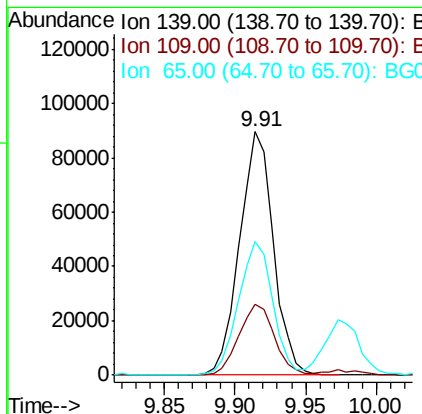
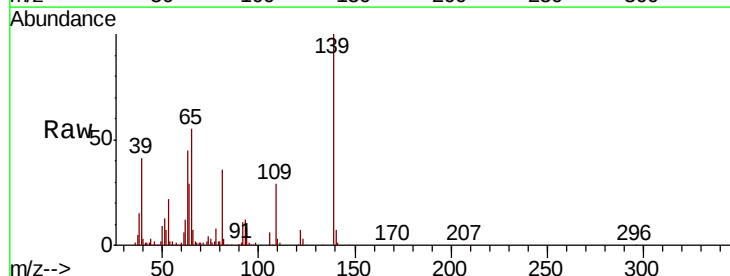
RT: 9.91 min Scan# 1162

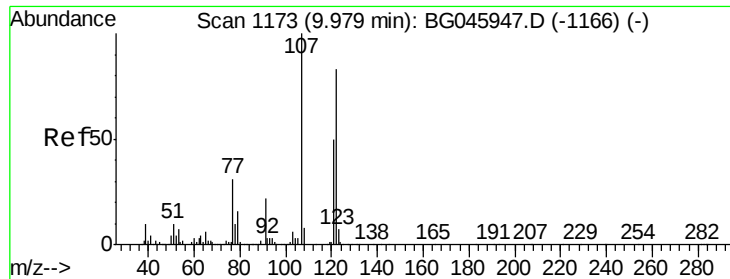
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	139	Resp:	150087
Ion Ratio		Lower	Upper
139	100		
109	29.2	24.6	37.0
65	54.9	42.6	64.0





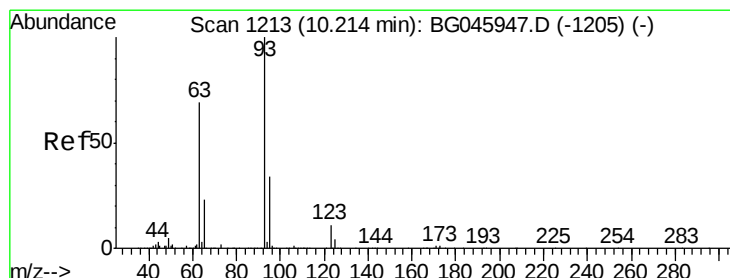
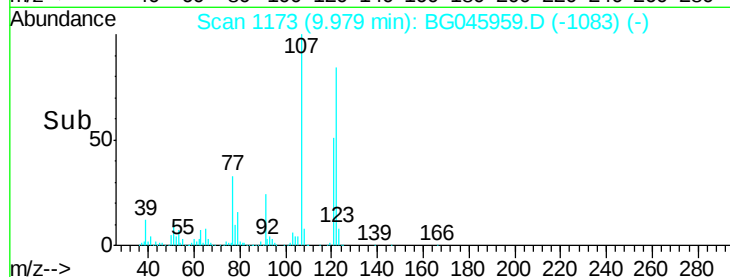
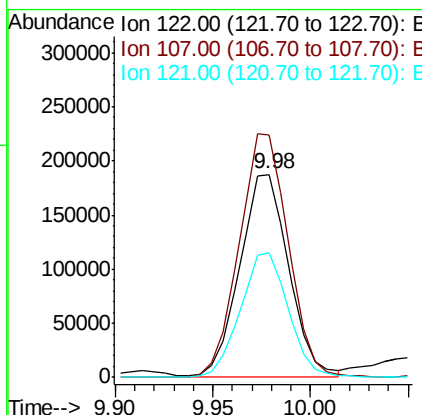
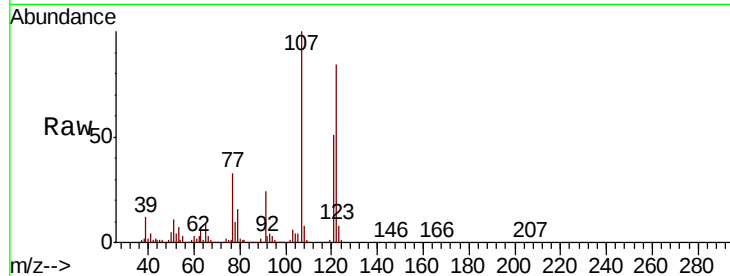
#27
 2,4-Dimethylphenol
 Concen: 39.876 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	324683		
107	119.4	95.6	143.4	
121	61.0	47.7	71.5	

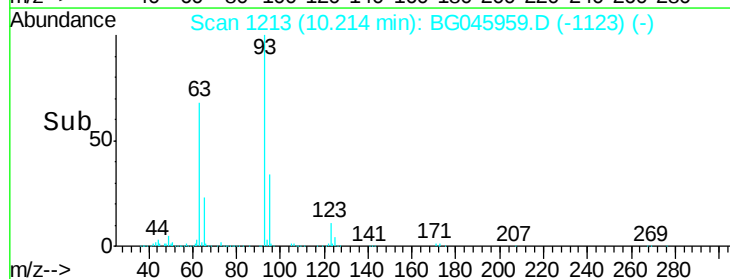
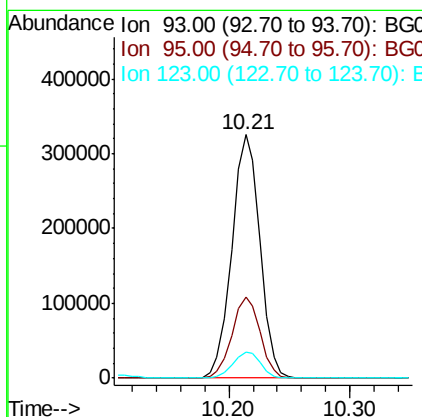
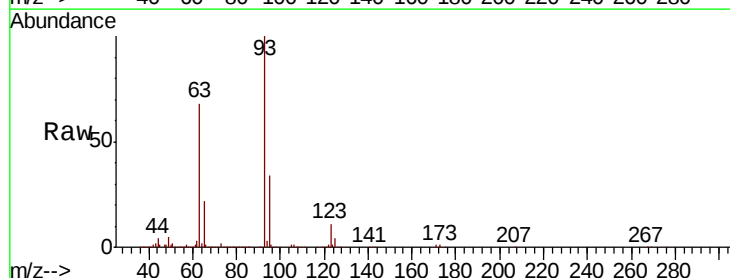
Manual Integrations
 APPROVED

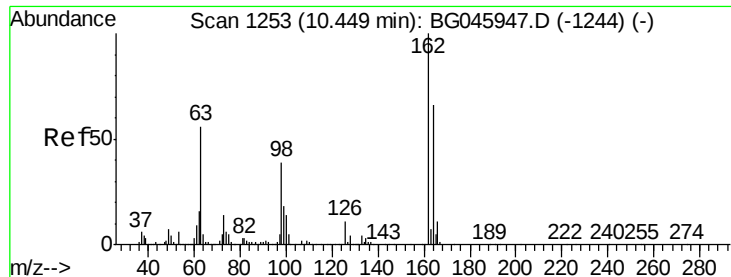
mohammad
 7/9/2020 10:55:17 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.927 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525733		
95	33.6	27.5	41.3	
123	10.6	9.2	13.8	





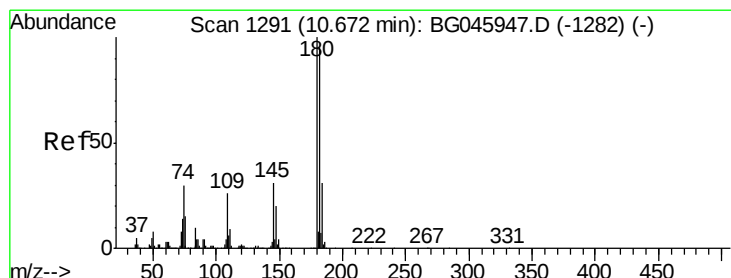
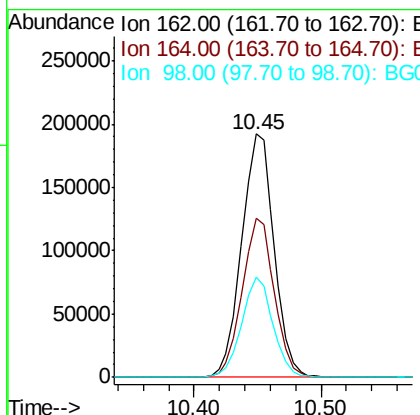
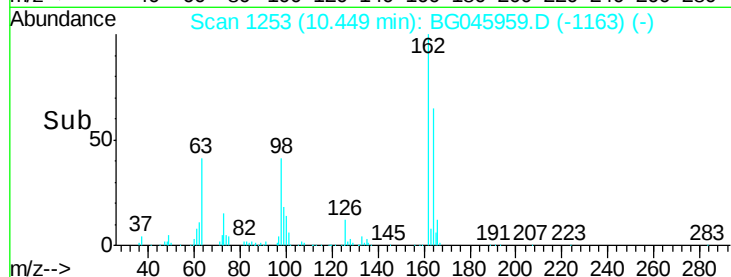
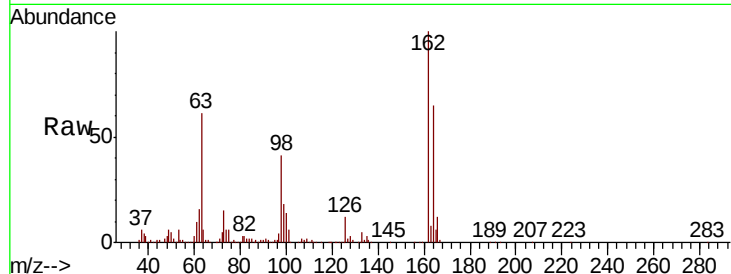
#29
 2,4-Dichlorophenol
 Concen: 40.435 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	340824		
164	65.2	46.0	86.0	
98	41.0	19.2	59.2	

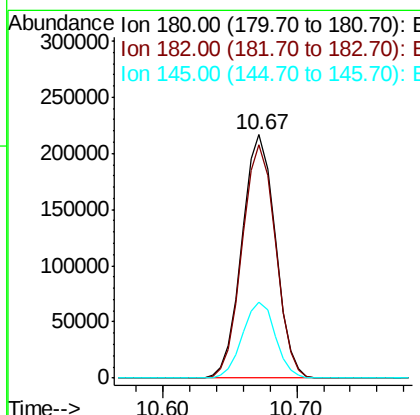
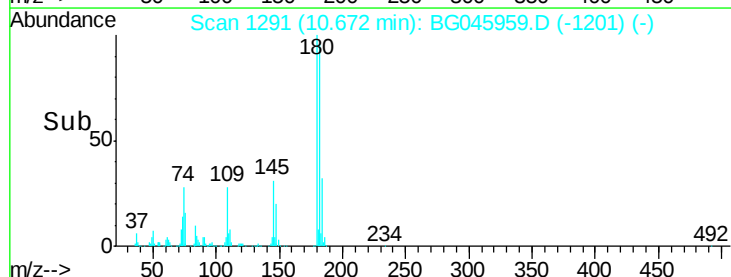
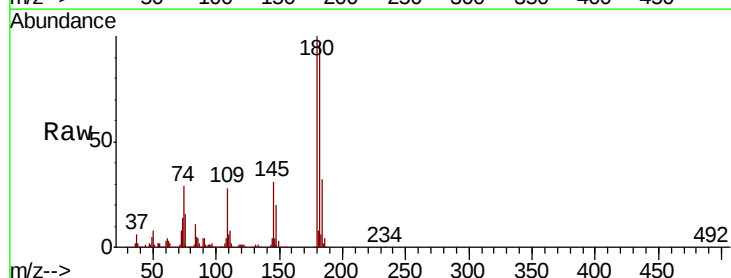
Manual Integrations
 APPROVED

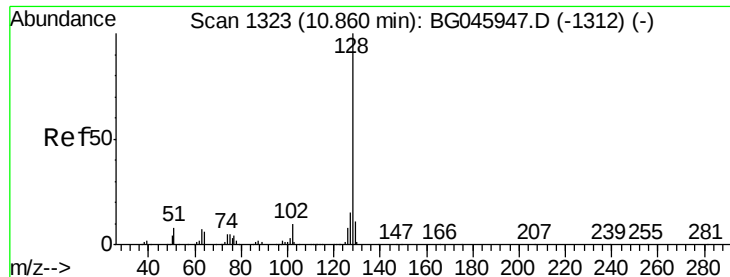
mohammad
 7/9/2020 10:55:17 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.194 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375384		
182	95.9	76.3	114.5	
145	31.2	24.8	37.2	





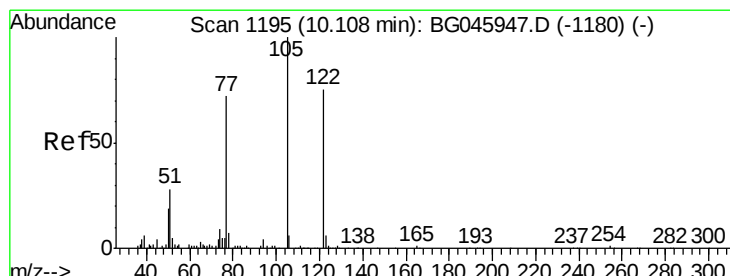
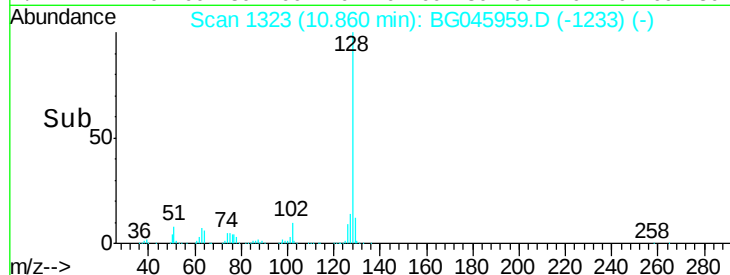
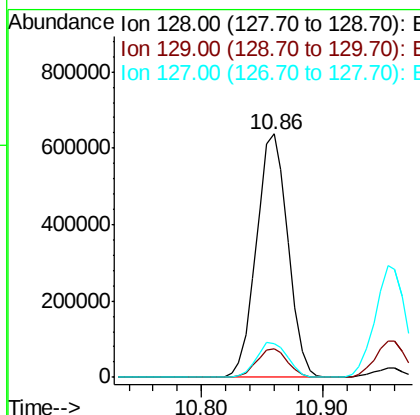
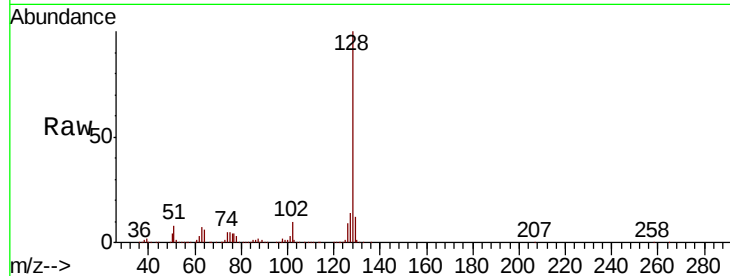
#31
Naphthalene
Concen: 40.089 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.1	11.8	17.6

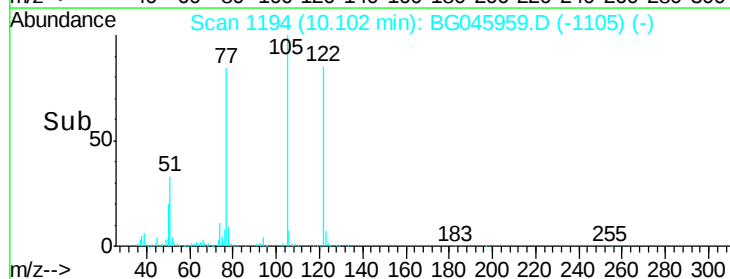
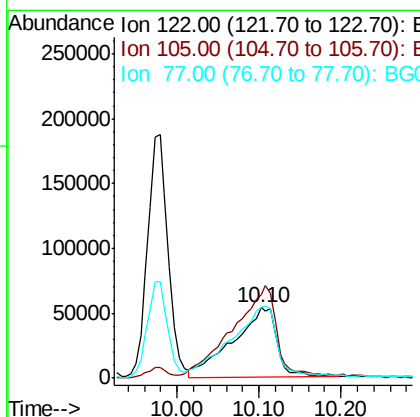
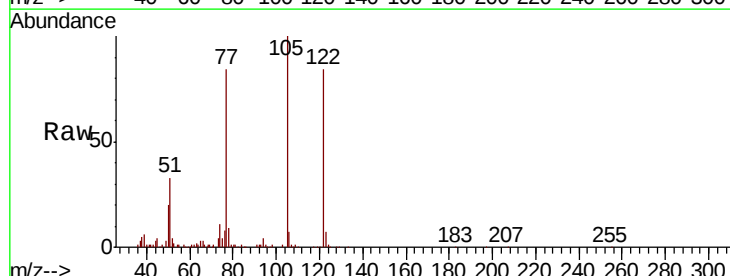
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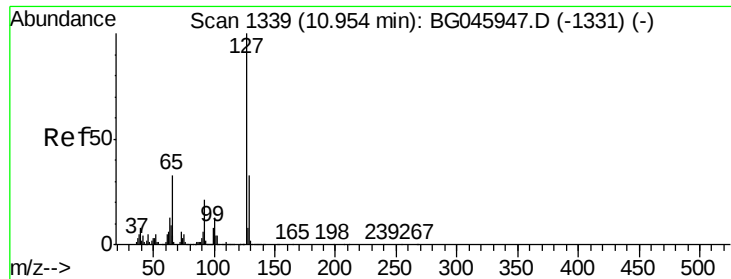
mohammad
7/9/2020 10:55:17 AM



#32
Benzoic acid
Concen: 41.255 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	110.8	150.8
77	100.1	76.4	116.4





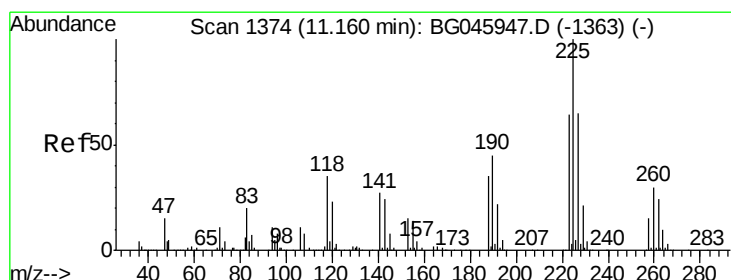
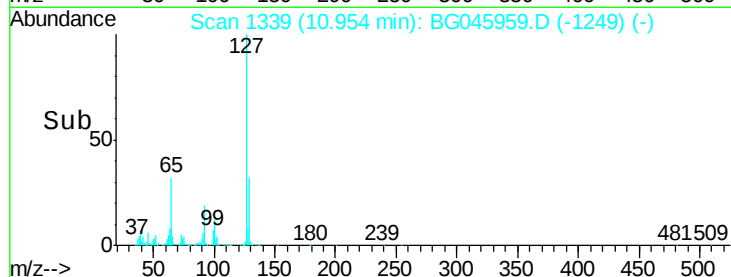
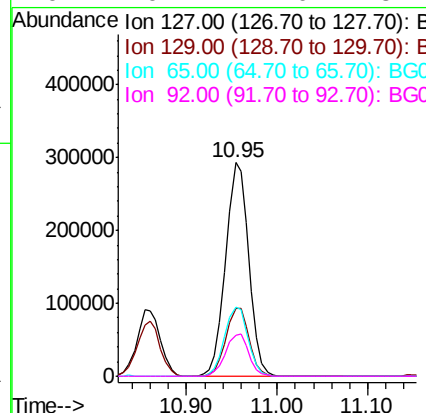
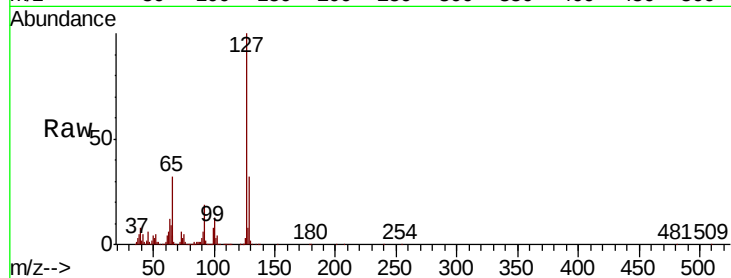
#33
4-Chloroaniline
Concen: 40.044 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		517377		
129	32.0	26.6	39.8		
65	32.1	26.8	40.2		
92	19.4	17.0	25.4		

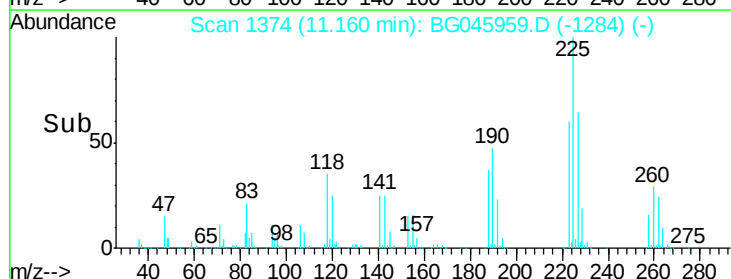
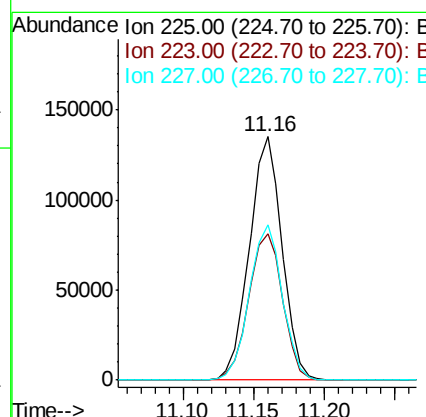
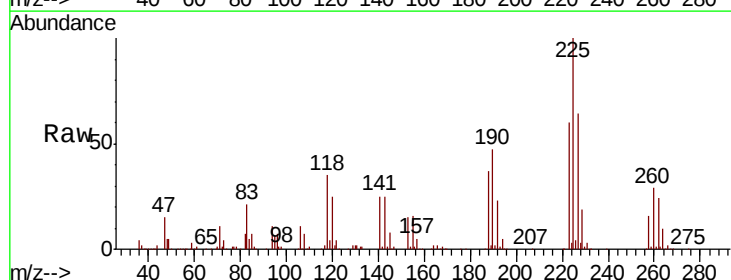
Manual Integrations
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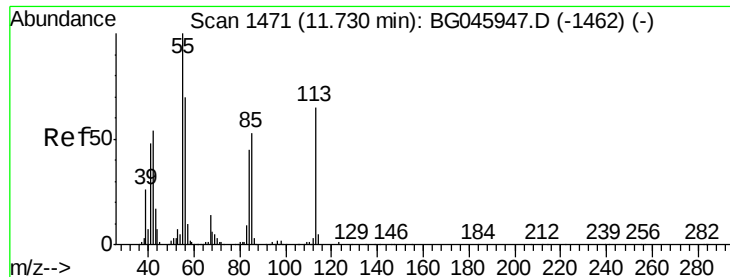
mohammad
7/9/2020 10:55:17 AM



#34
Hexachlorobutadiene
Concen: 40.399 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		220298		
223	60.1	51.2	76.8		
227	63.9	52.3	78.5		





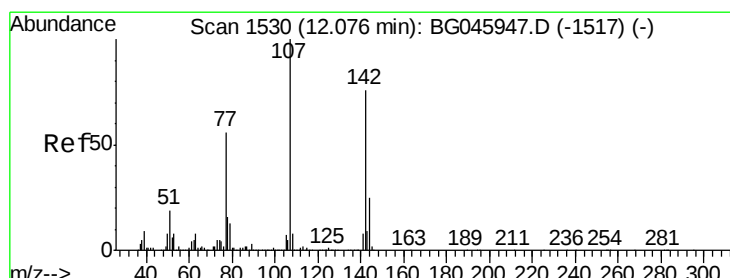
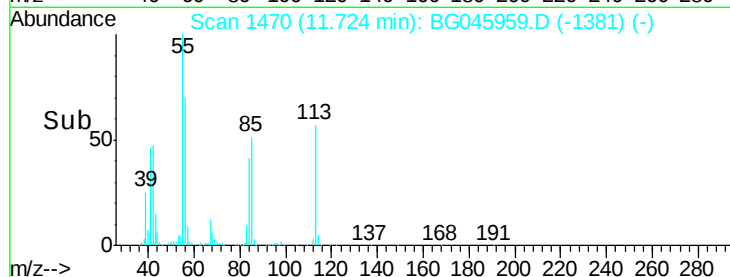
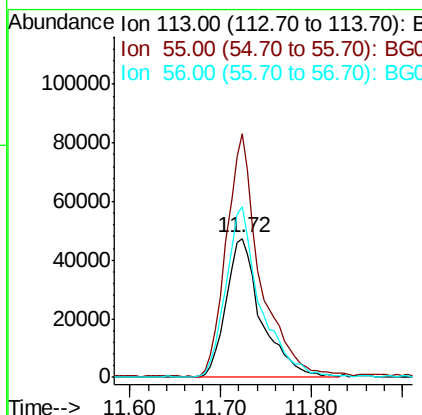
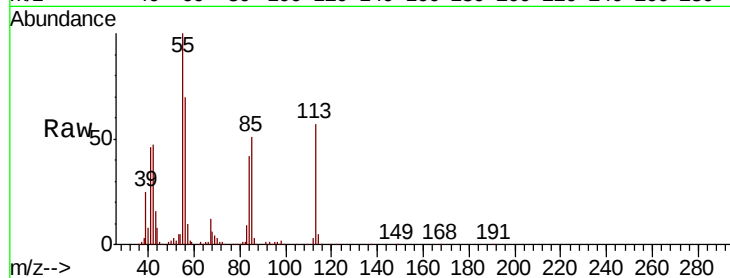
#35
 Caprolactam
 Concen: 40.127 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.5	141.6	181.6
56	122.6	89.6	129.6

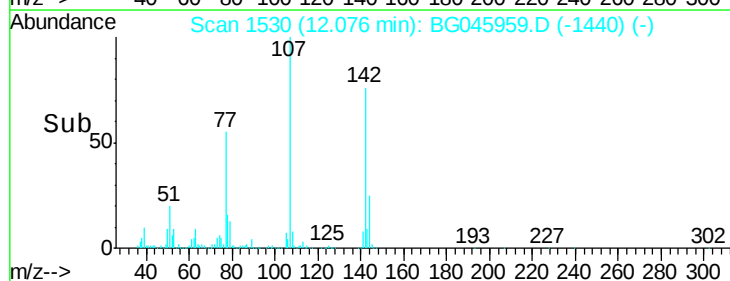
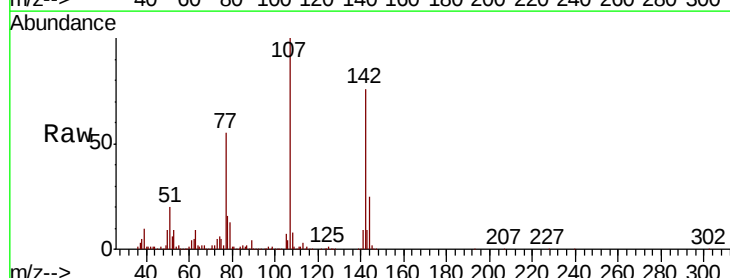
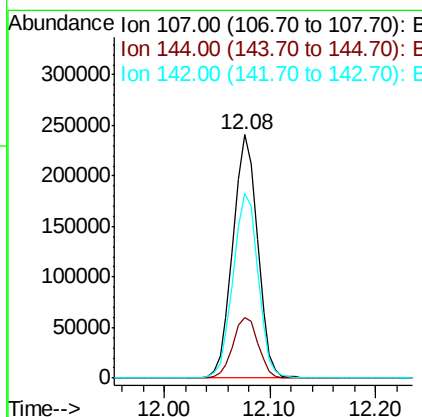
Manual Integrations
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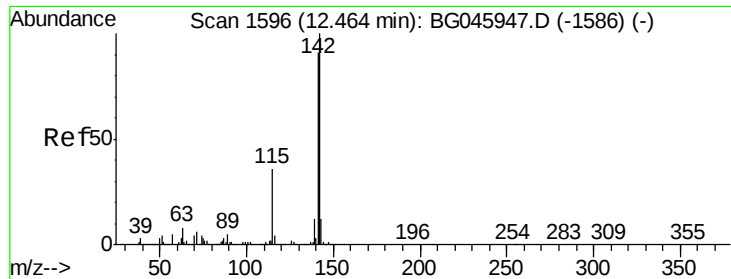
mohammad
 7/9/2020 10:55:17 AM



#36
 4-Chloro-3-methylphenol
 Concen: 40.730 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.0	30.0
142	75.9	61.1	91.7





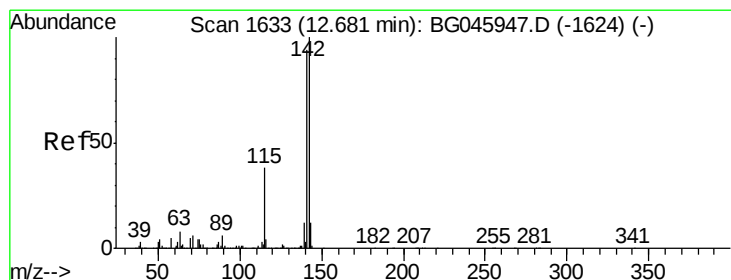
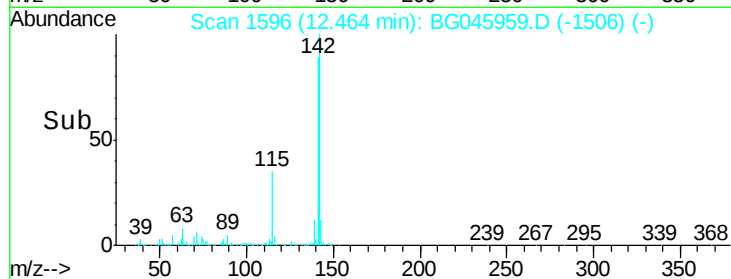
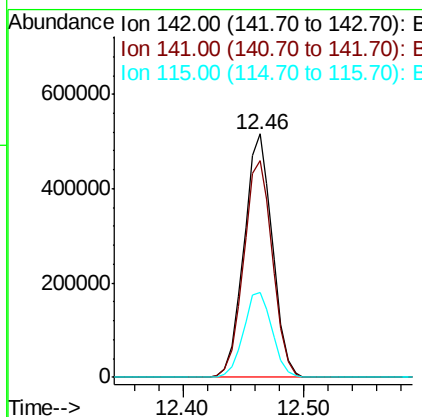
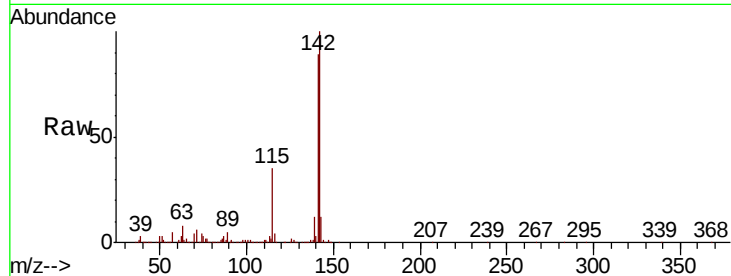
#37
 2-Methylnaphthalene
 Concen: 40.919 ng
 RT: 12.46 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6
115	34.9	28.8	43.2

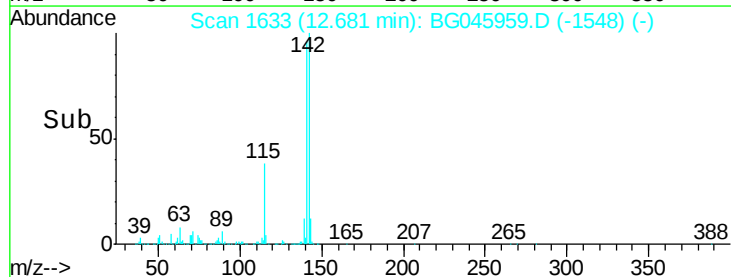
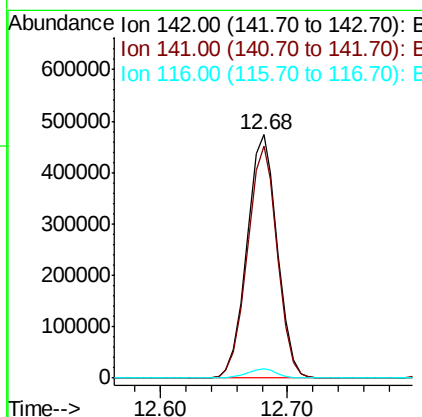
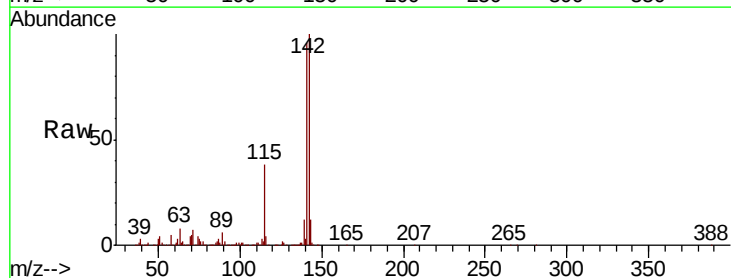
Manual Integrations
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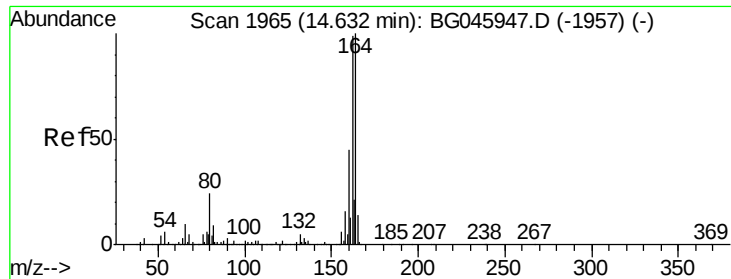
mohammad
 7/9/2020 10:55:17 AM



#38
 1-Methylnaphthalene
 Concen: 40.382 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.2	112.8
116	4.1	3.1	4.7





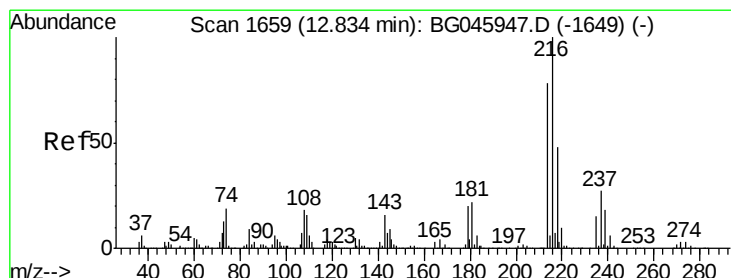
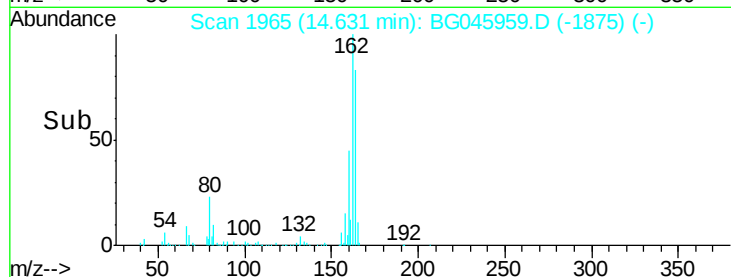
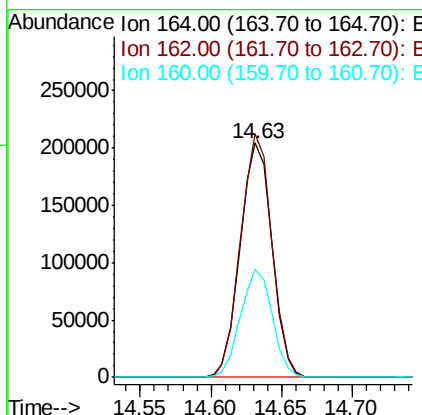
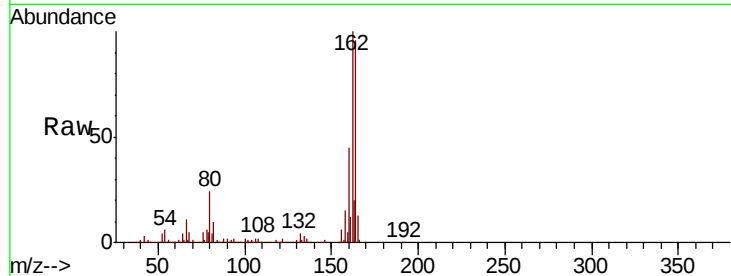
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	79.3	118.9
160	46.3	35.7	53.5

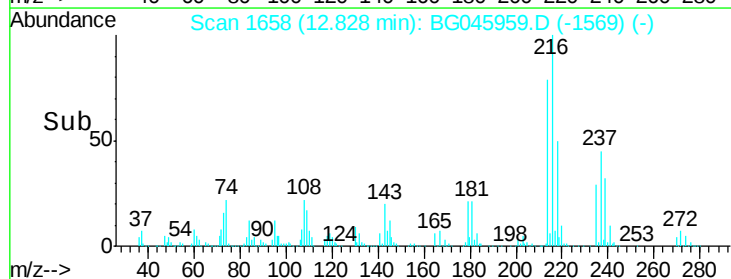
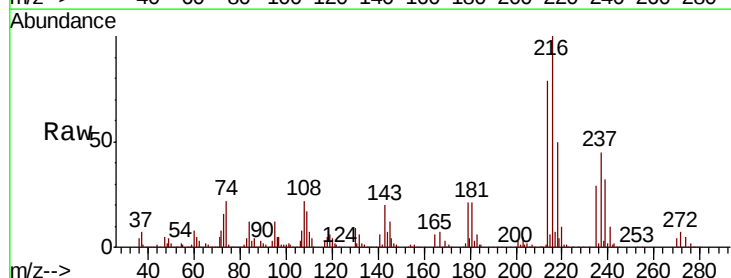
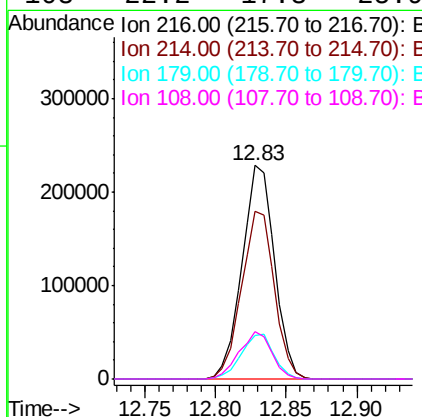
Manual Integrations
APPROVED

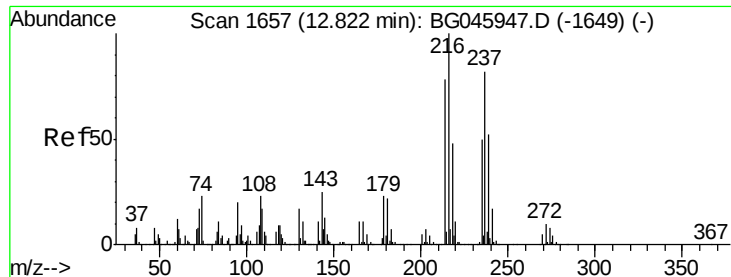
mohammad
7/9/2020 10:55:17 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.531 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.1	17.0	25.6
108	22.2	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 39.031 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

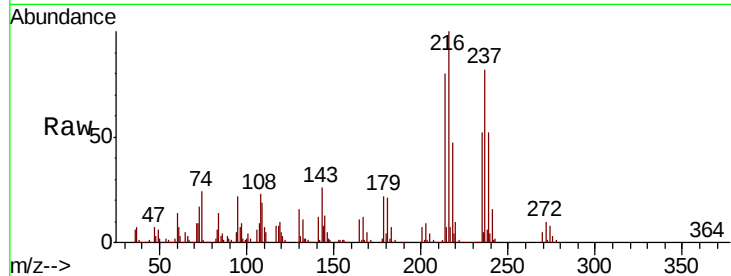
ClientSampleId :

SSTDCCC040EC

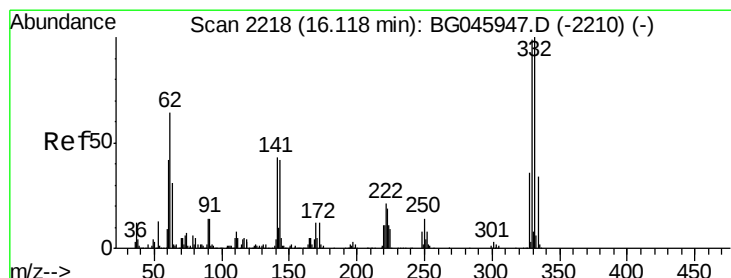
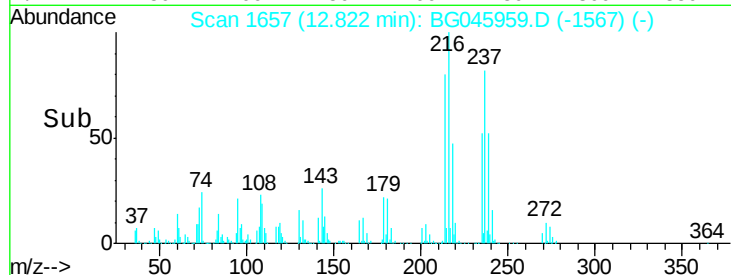
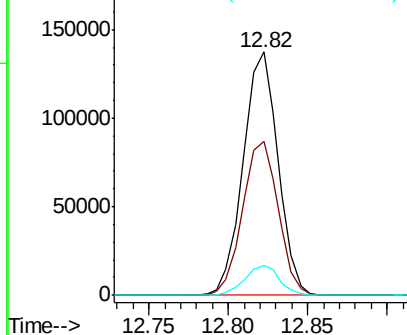
Tot Ion:	237	Resp:	210293
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.5	81.5
272	12.2	0.0	31.7

Manual Integrations
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7/9/2020 10:55:17 AM



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



#42

2,4,6-Tribromophenol

Concen: 83.970 ng

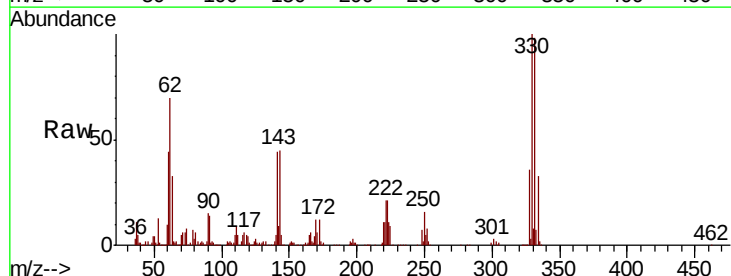
RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

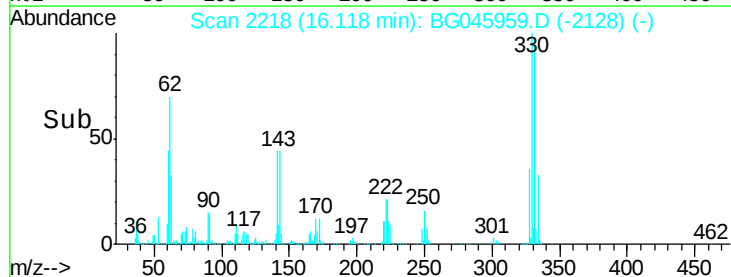
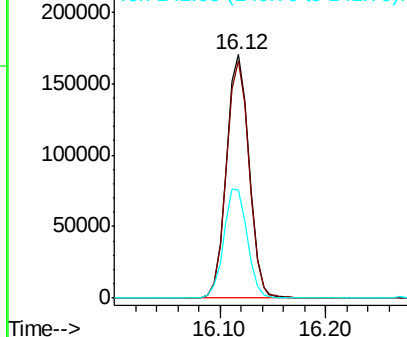
Lab File: BG045959.D

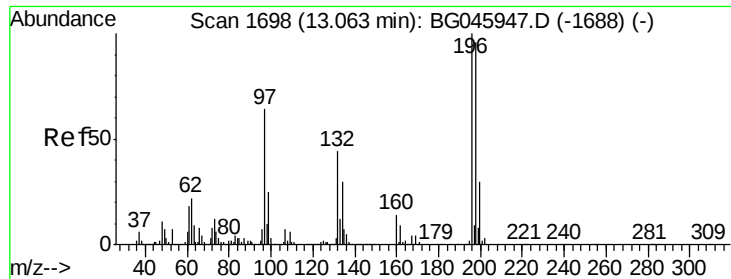
Acq: 7 Jul 2020 14:11

Tgt Ion:	330	Resp:	251032
Ion Ratio	Lower	Upper	
330	100		
332	97.8	78.3	117.5
141	46.7	36.6	54.8



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





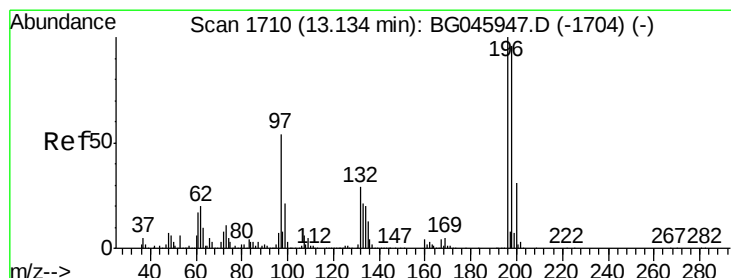
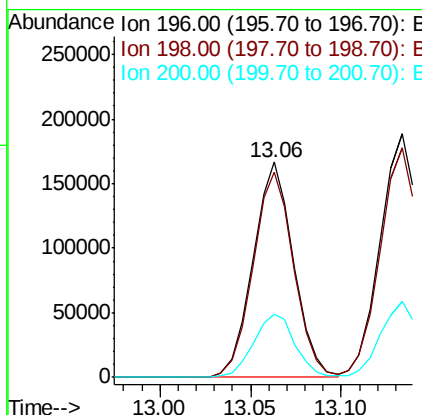
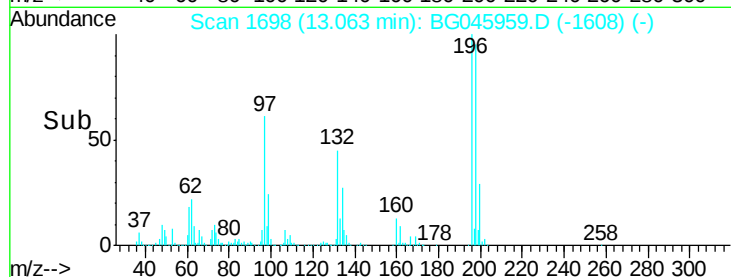
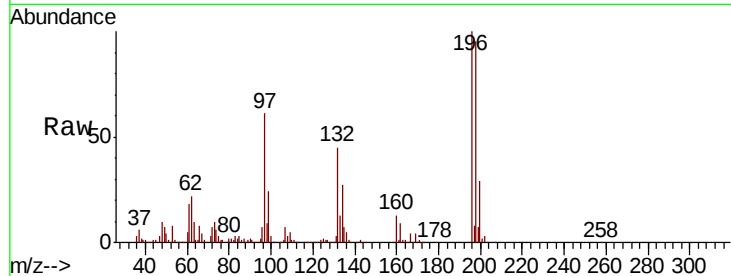
#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259414		
198	95.3	76.7	115.1	
200	29.2	24.3	36.5	

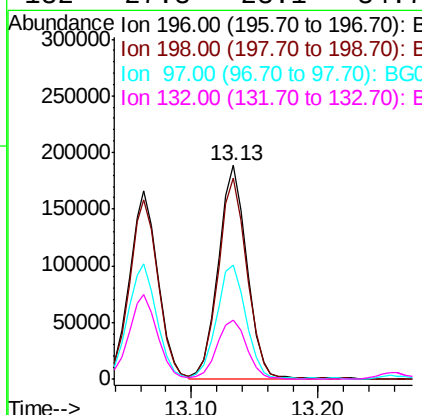
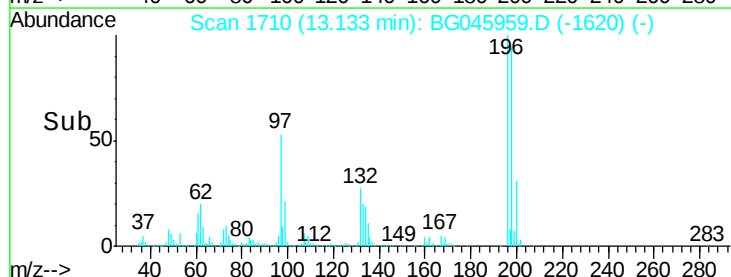
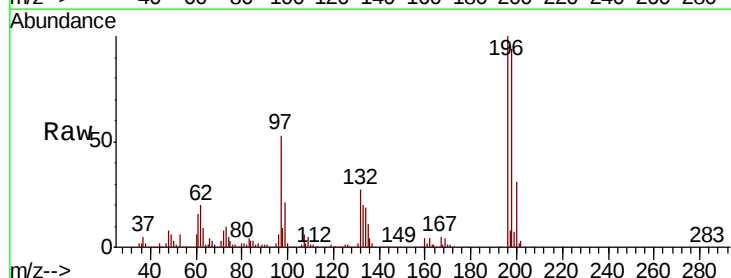
Manual Integrations
 APPROVED

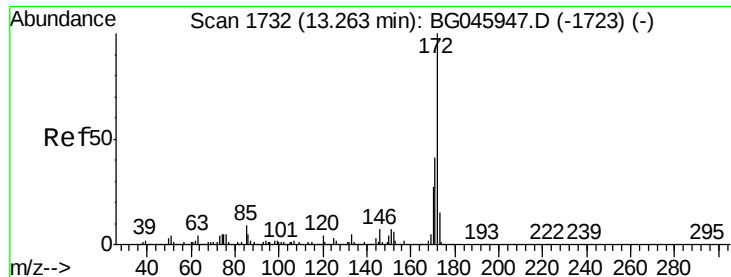
mohammad
 7/9/2020 10:55:17 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.272 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293502		
198	94.2	77.0	115.6	
97	53.2	44.3	66.5	
132	27.3	23.1	34.7	





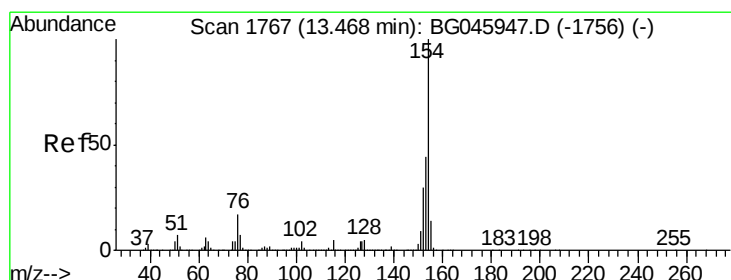
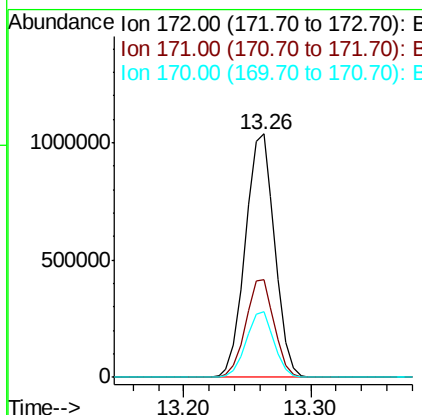
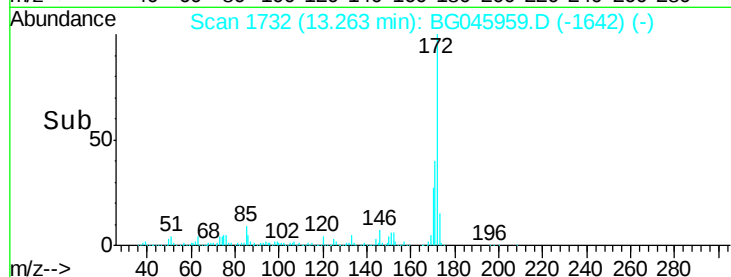
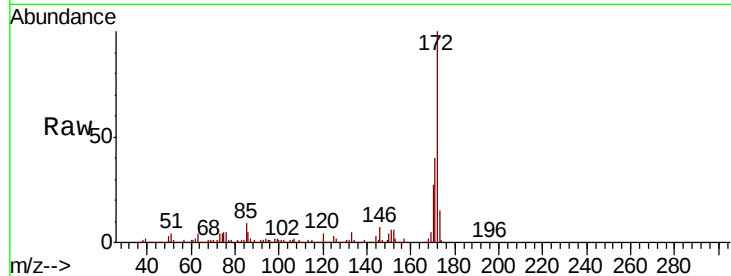
#45
2-Fluorobiphenyl
Concen: 80.502 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.0	21.8	32.6

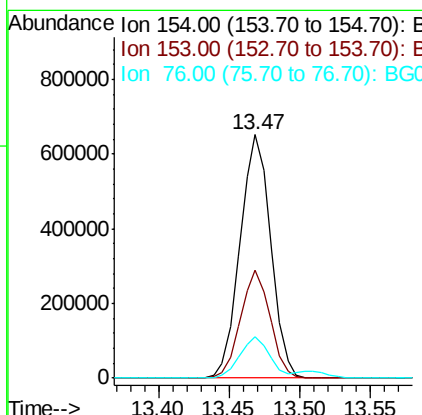
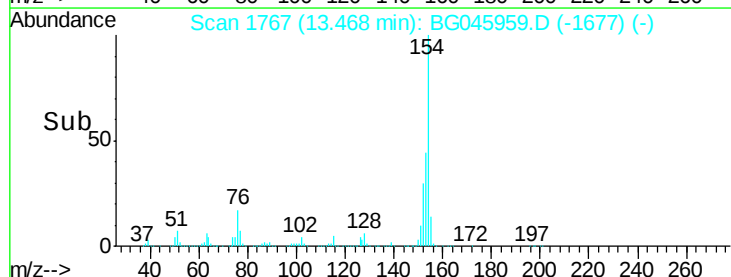
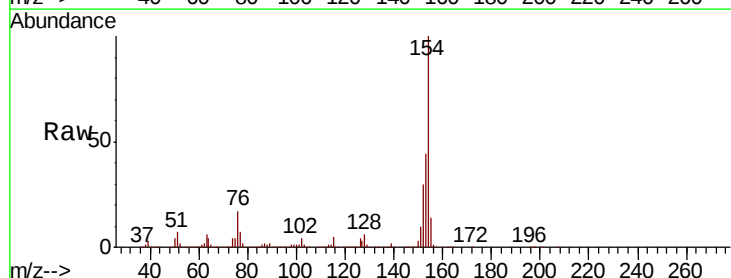
Manual Integrations
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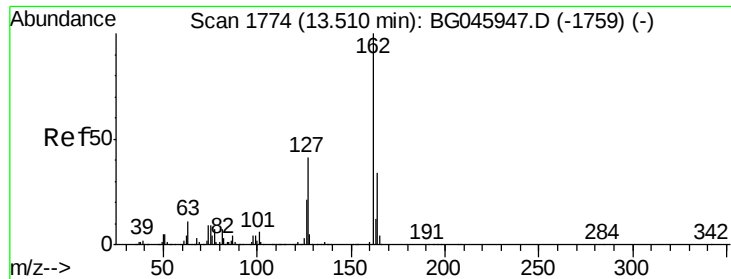
mohammad
7/9/2020 10:55:17 AM



#46
1,1'-Biphenyl
Concen: 40.801 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	23.6	63.6
76	16.9	0.0	36.9





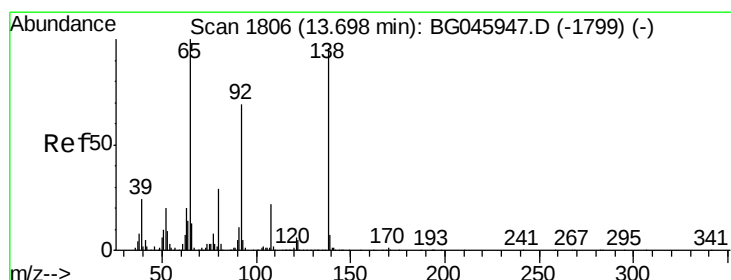
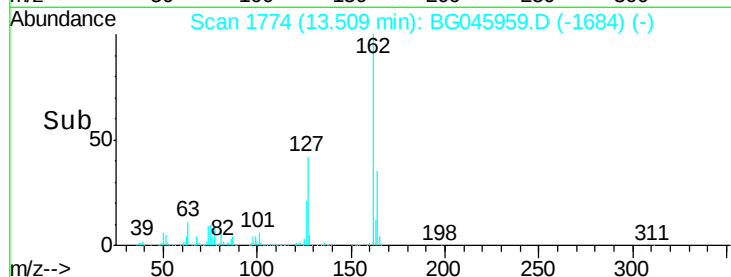
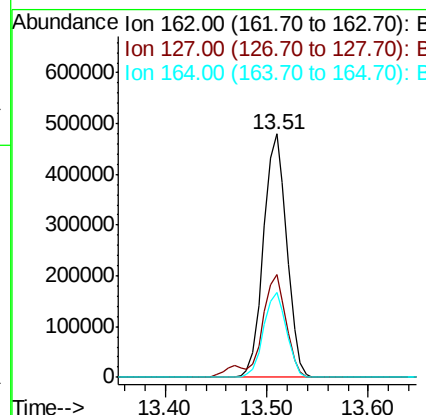
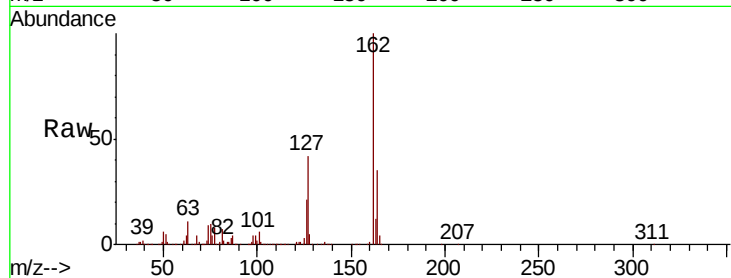
#47
2-Chloronaphthalene
Concen: 39.825 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.5	48.7
164	34.8	27.2	40.8

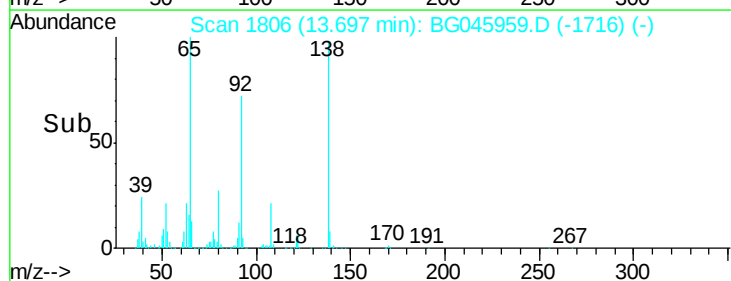
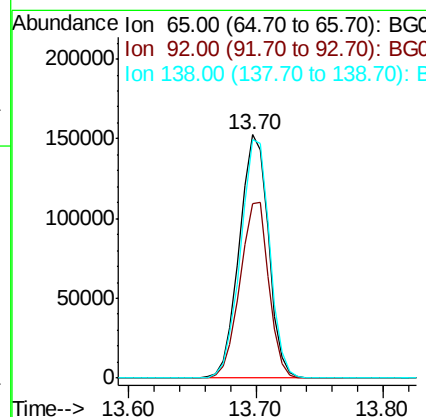
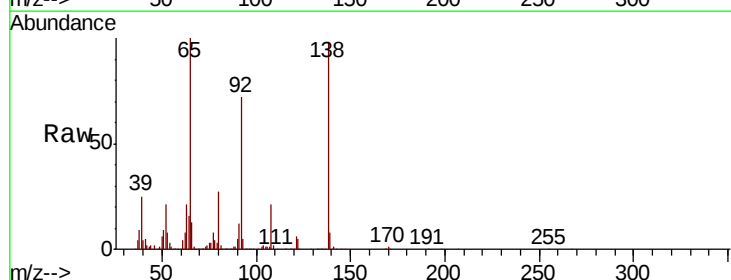
Manual Integrations
APPROVED

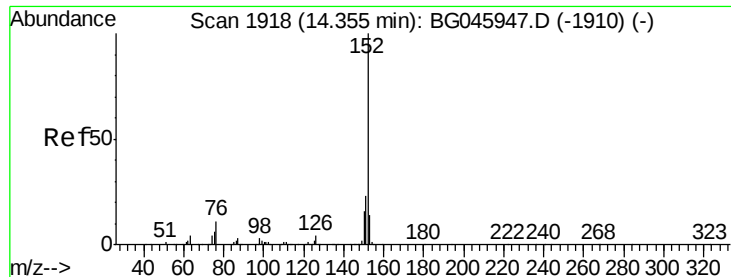
mohammad
7/9/2020 10:55:17 AM



#48
2-Nitroaniline
Concen: 45.361 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.4	83.0
138	98.1	77.0	115.4





#49

Acenaphthylene

Concen: 40.351 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1244679

Ion Ratio Lower Upper

152 100

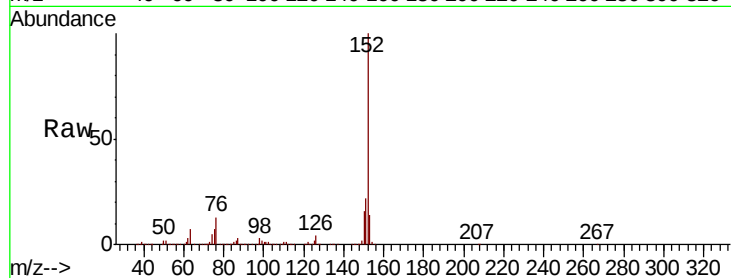
151 21.7 18.1 27.1

153 14.3 11.5 17.3

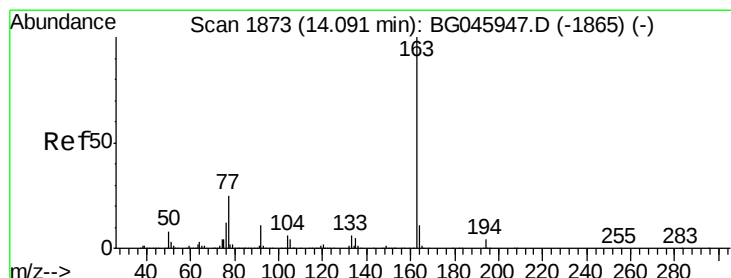
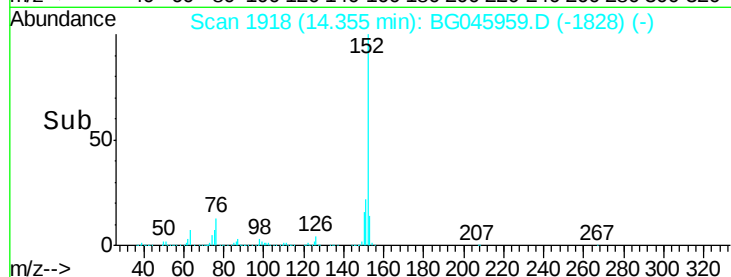
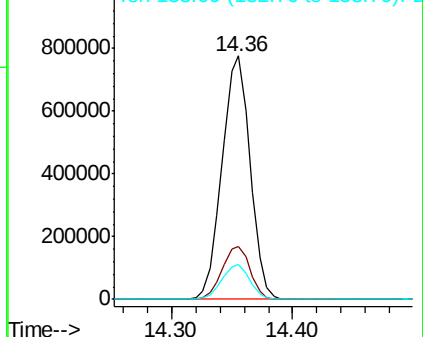
Manual Integrations
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mohammad

7/9/2020 10:55:17 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.203 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

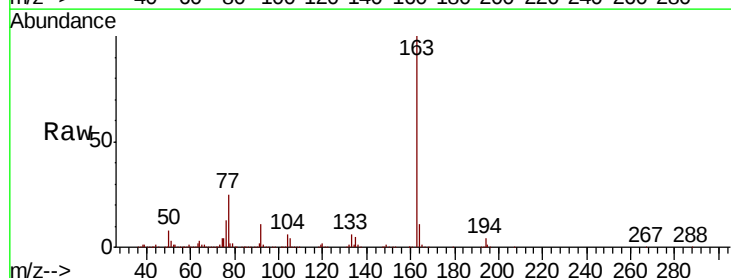
Tgt Ion:163 Resp: 971858

Ion Ratio Lower Upper

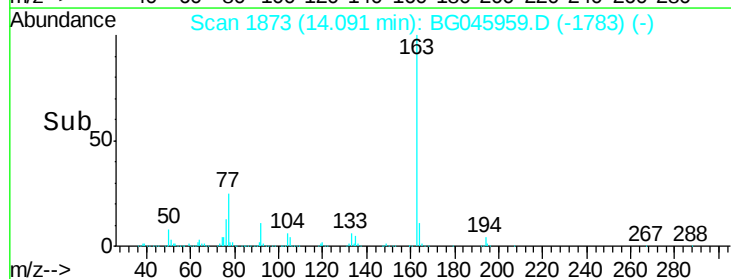
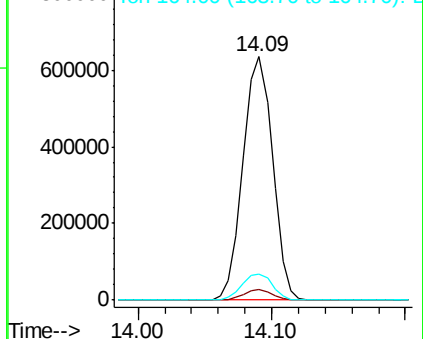
163 100

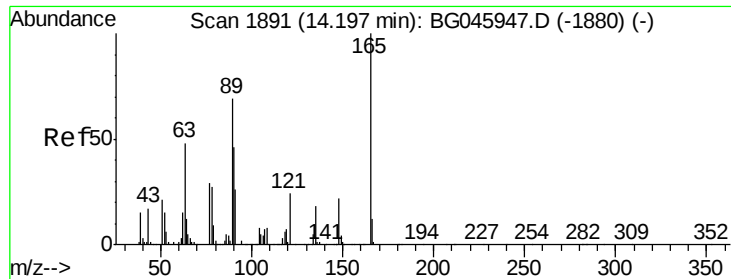
194 4.4 3.6 5.4

164 10.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





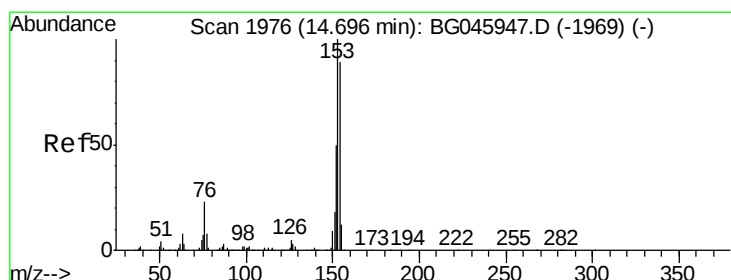
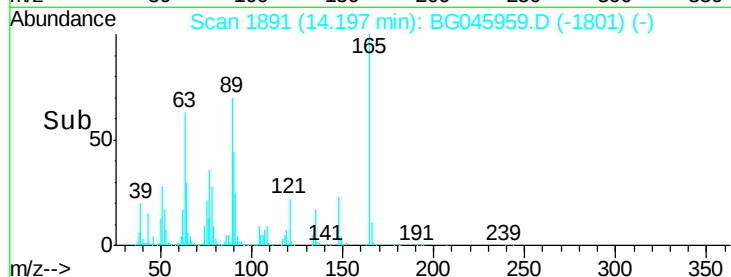
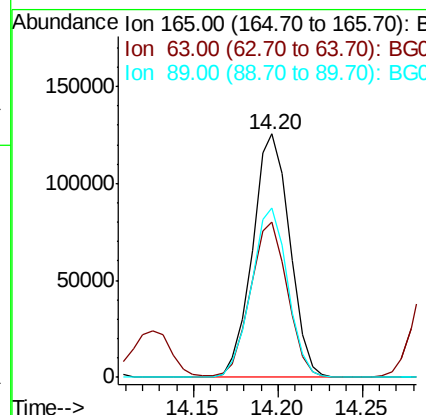
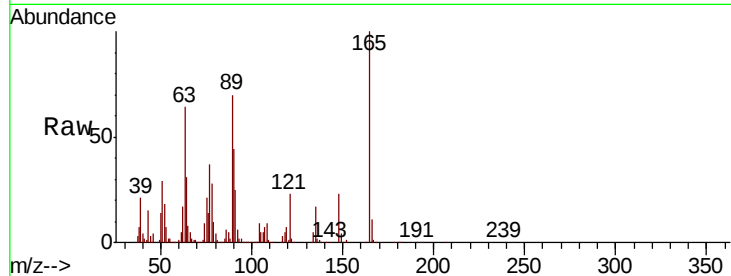
#51
 2,6-Dinitrotoluene
 Concen: 44.512 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.8	51.0	76.4
89	69.7	55.7	83.5

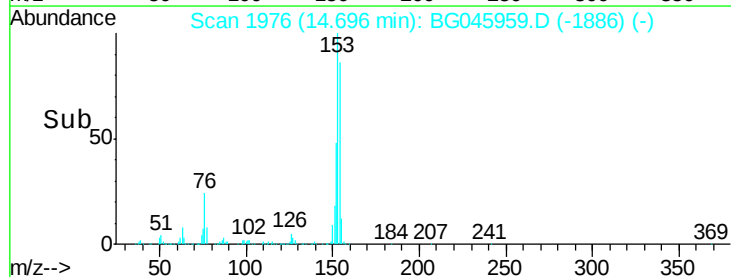
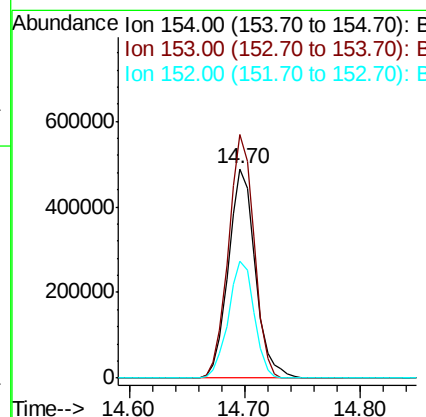
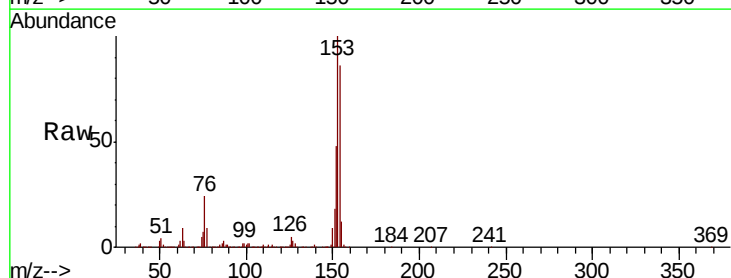
Manual Integrations
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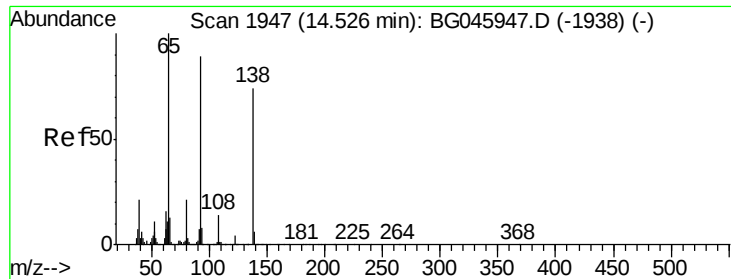
mohammad
 7/9/2020 10:55:17 AM



#52
 Acenaphthene
 Concen: 40.503 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.7	134.5
152	55.8	44.7	67.1





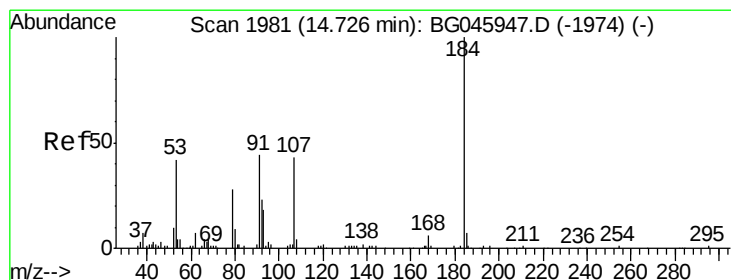
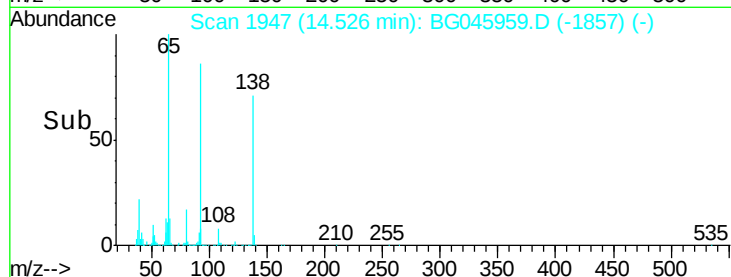
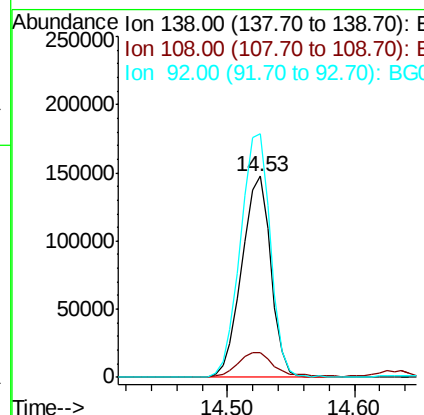
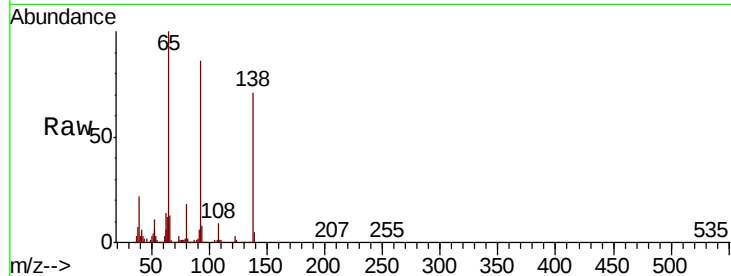
#53
3-Nitroaniline
Concen: 44.442 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	15.4	23.2#
92	121.2	95.9	143.9

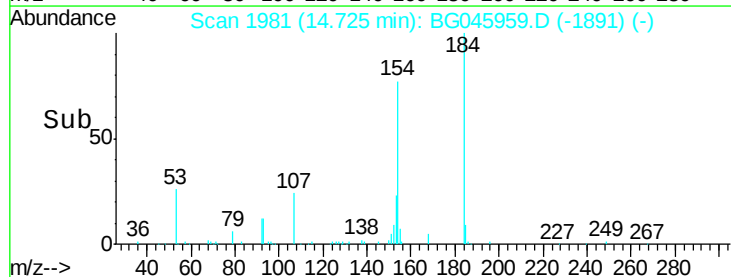
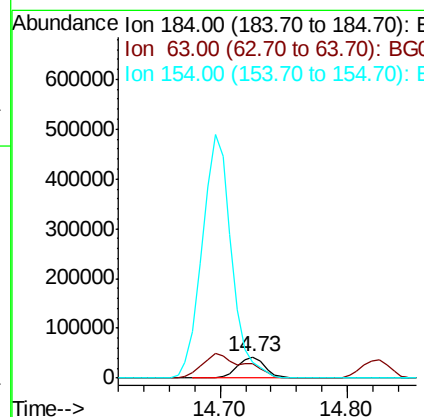
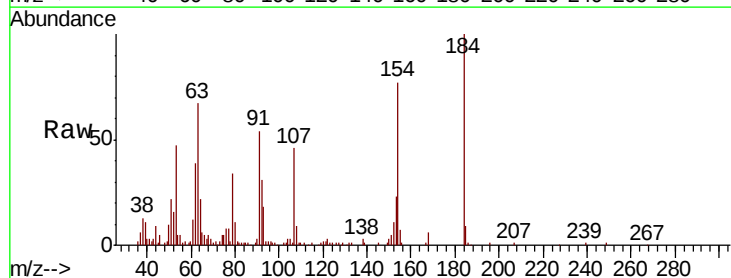
Manual Integrations
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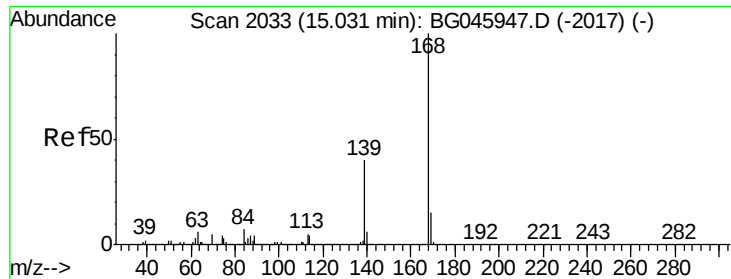
mohammad
7/9/2020 10:55:17 AM



#54
2,4-Dinitrophenol
Concen: 41.744 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.0	46.0	69.0
154	76.8	58.2	87.2





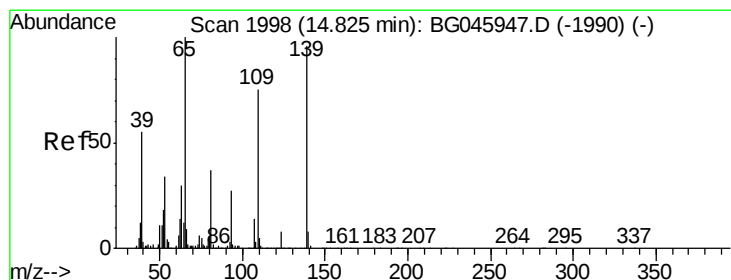
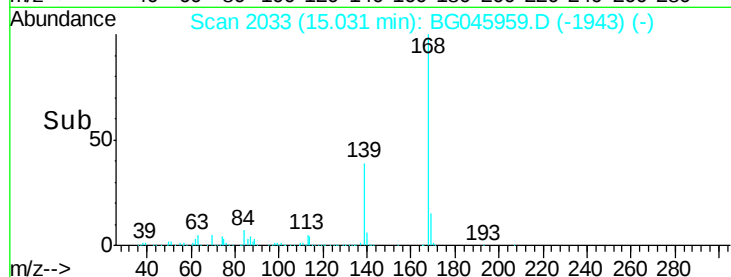
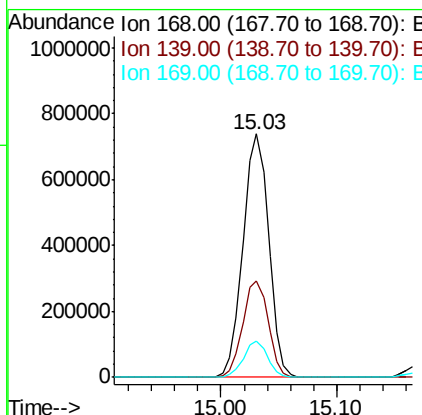
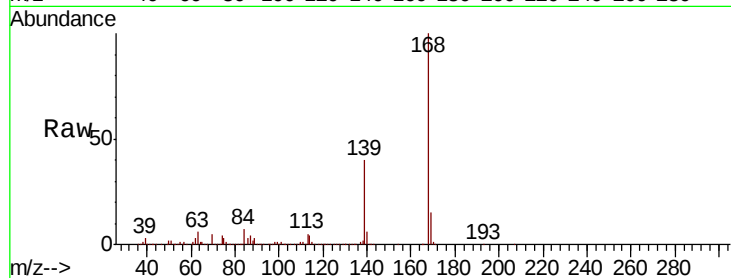
#55
Dibenzenofuran
Concen: 40.022 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.2	48.2
169	14.8	11.8	17.8

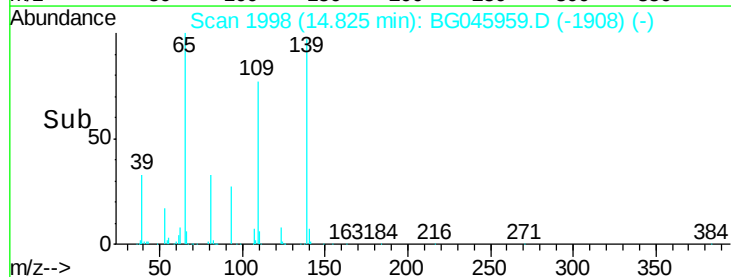
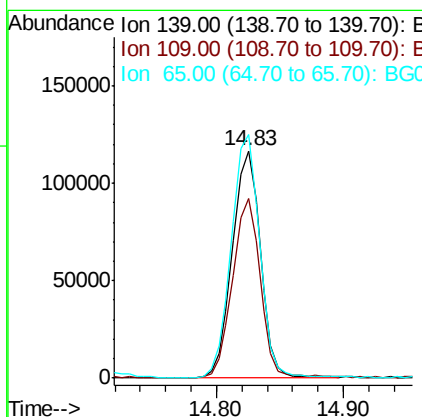
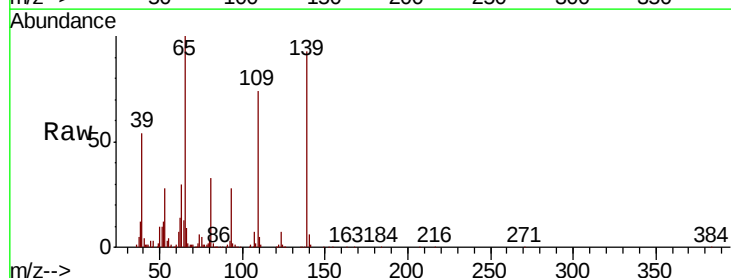
Manual Integrations
APPROVED

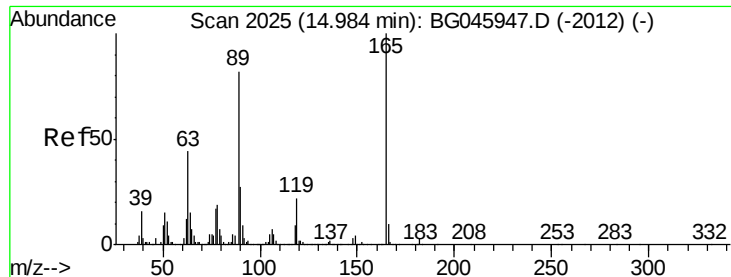
mohammad
7/9/2020 10:55:17 AM



#56
4-Nitrophenol
Concen: 45.575 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.2	58.5	98.5
65	107.0	84.7	124.7





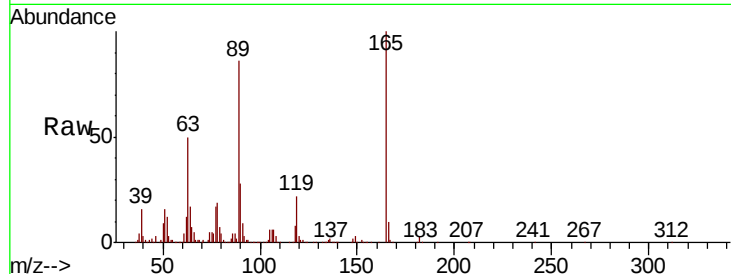
#57
 2,4-Dinitrotoluene
 Concen: 45.236 ng
 RT: 14.98 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		249622		
63	49.5	35.4	53.0		
89	86.0	65.4	98.2		
182	2.5	2.0	3.0		

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:55:17 AM



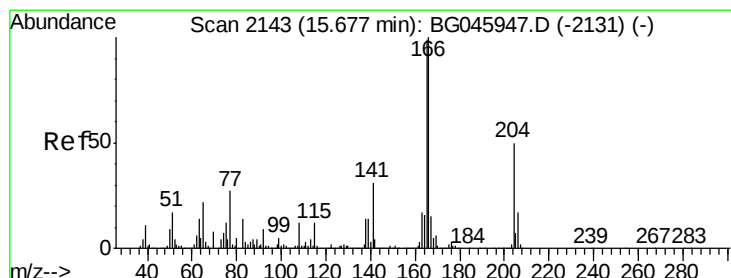
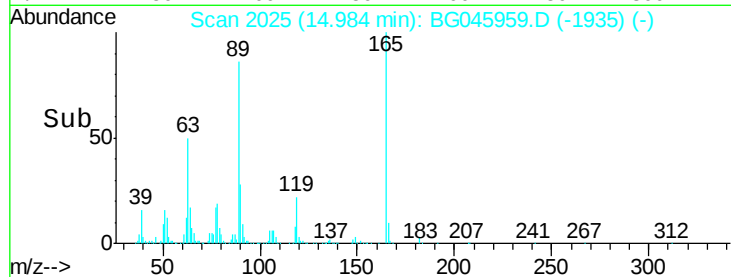
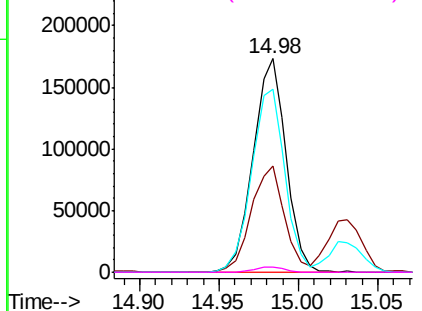
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

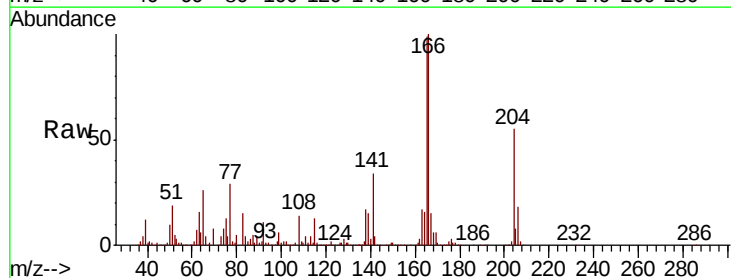
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.946 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		934608		
165	99.2	78.9	118.3		
167	14.6	12.1	18.1		

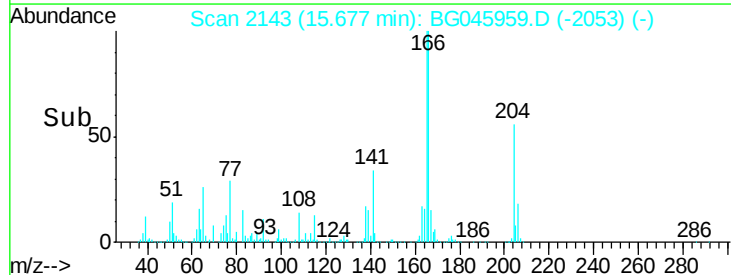
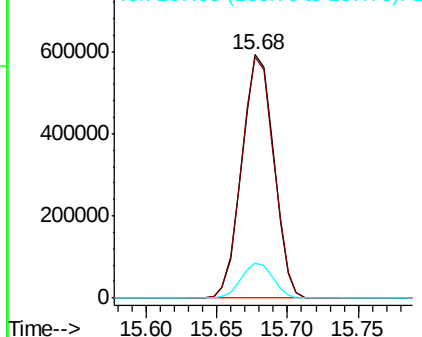


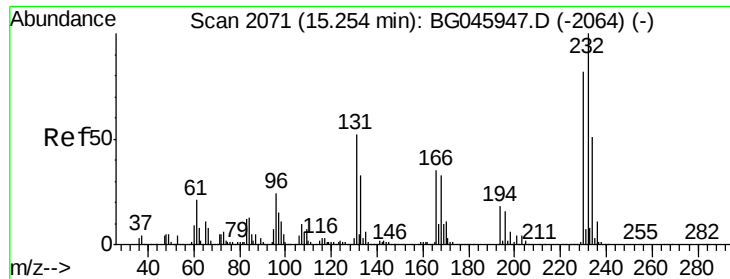
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





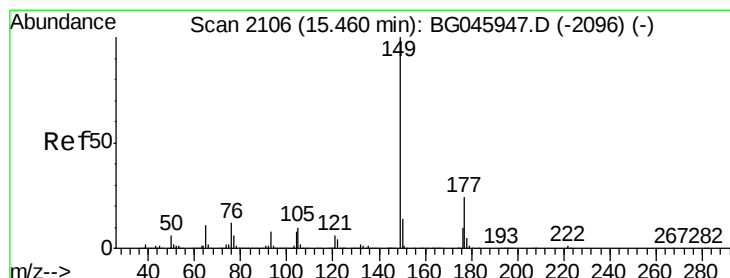
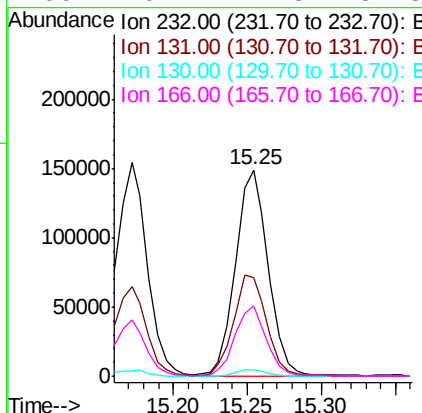
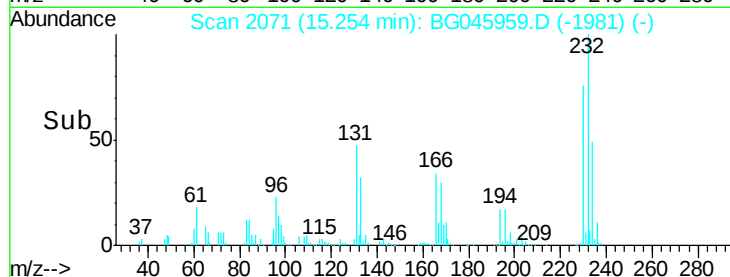
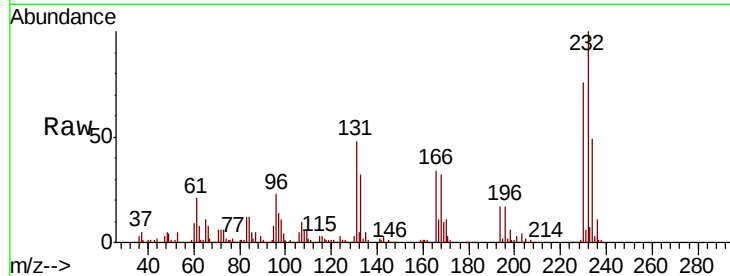
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.728 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	229052		
131	43.1		35.8	53.6
130	3.0		2.5	3.7
166	26.2		21.8	32.8

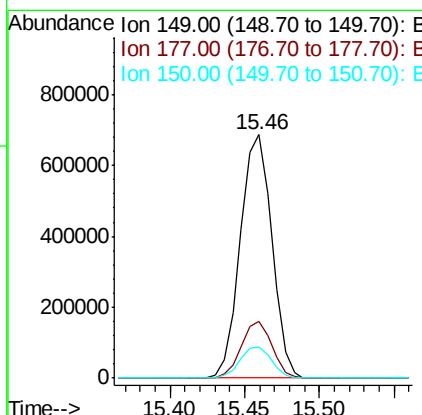
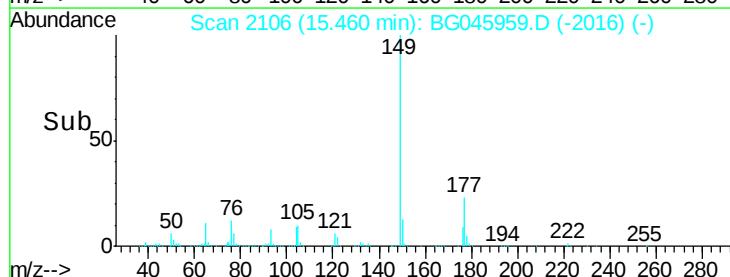
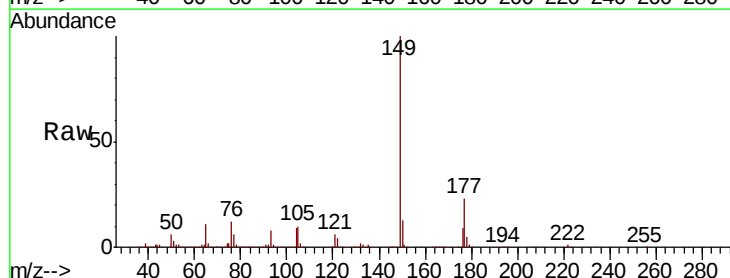
Manual Integrations
 APPROVED

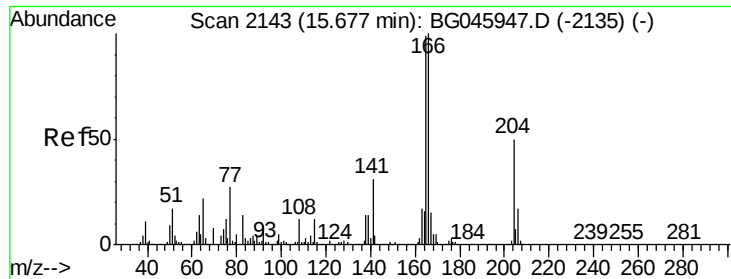
mohammad
 7/9/2020 10:55:17 AM



#60
 Diethylphthalate
 Concen: 39.724 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1007061		
177	23.1		19.0	28.4
150	12.6		11.0	16.4





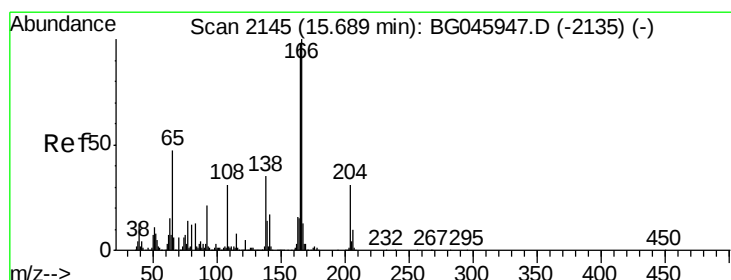
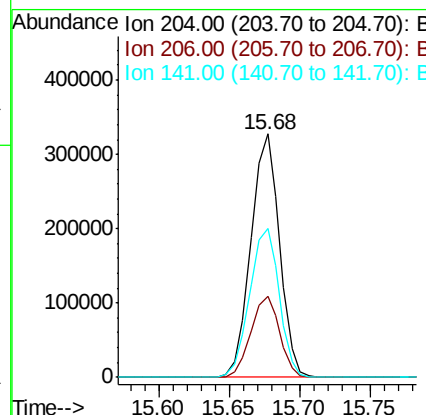
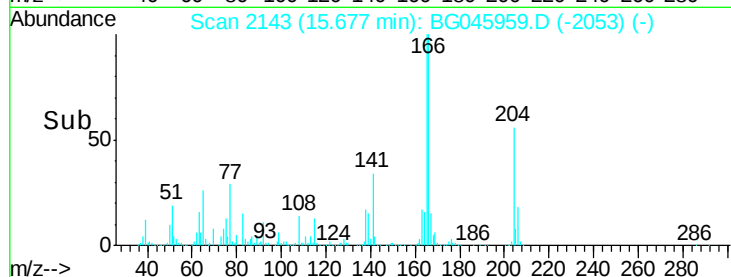
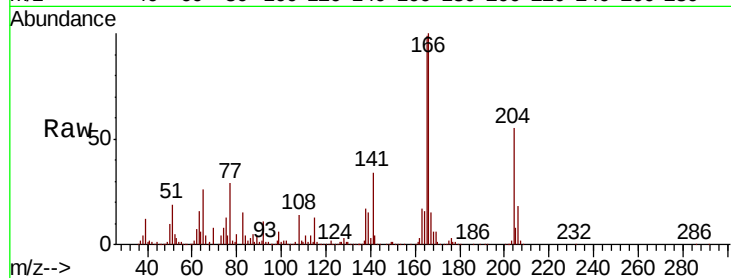
#61
4-Chlorophenyl-phenylether
Concen: 39.967 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.1	40.7
141	61.1	49.8	74.8

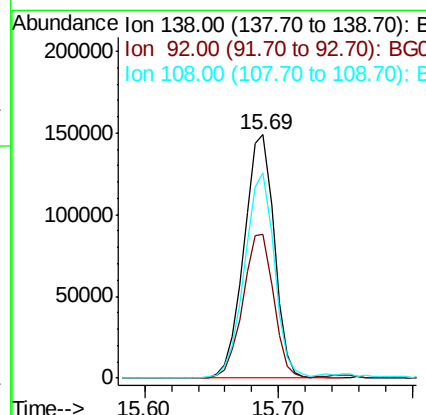
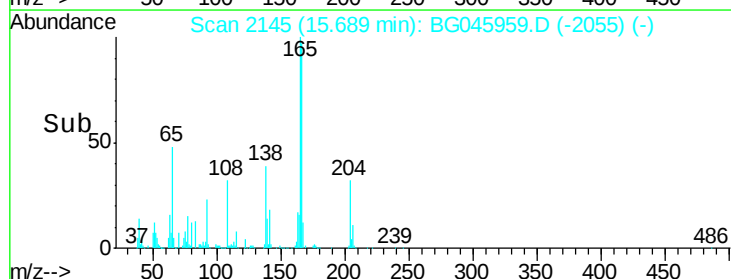
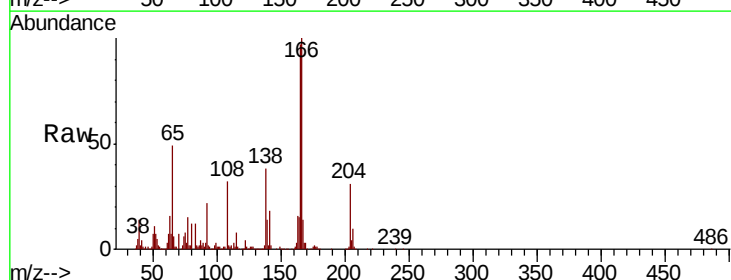
Manual Integrations
APPROVED

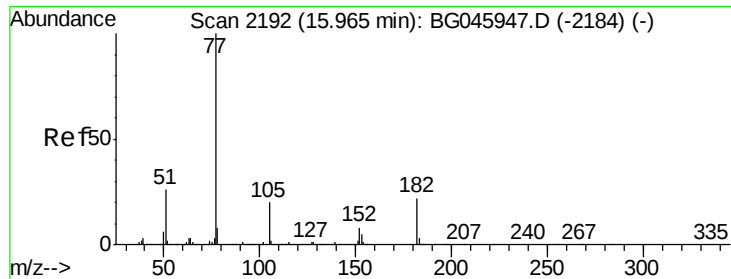
mohammad
7/9/2020 10:55:17 AM



#62
4-Nitroaniline
Concen: 46.661 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.2	40.3	80.3
108	84.1	68.0	108.0





#63

Azobenzene

Concen: 40.905 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1113027

Ion Ratio Lower Upper

77 100

182 21.4 2.4 42.4

105 19.8 0.3 40.3

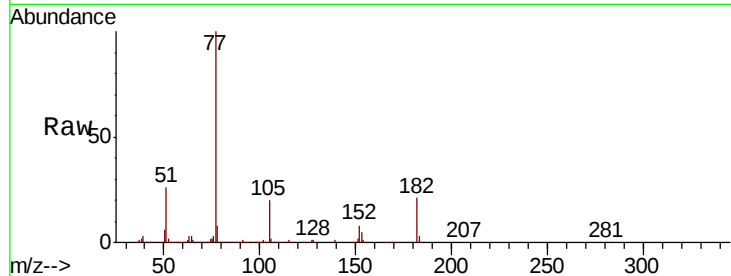
51 25.9 6.3 46.3

Manual Integrations

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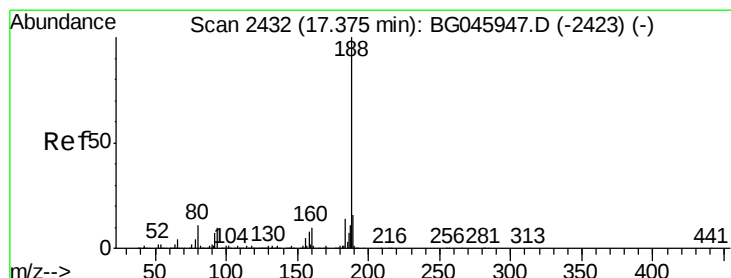
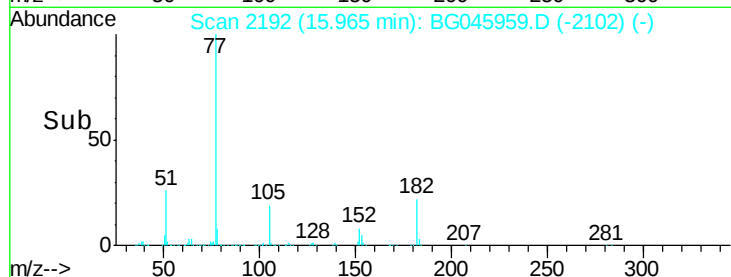
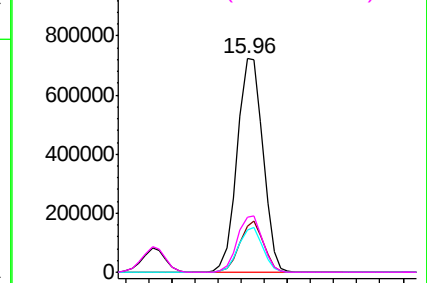


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

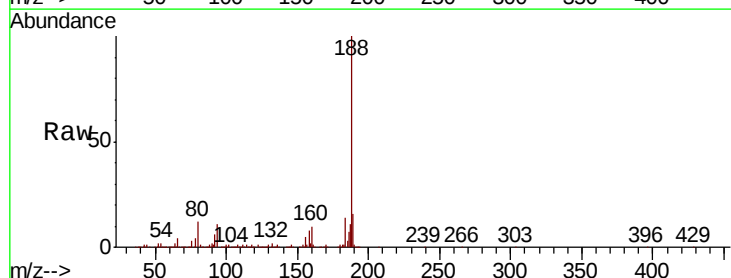
Tgt Ion: 188 Resp: 666833

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

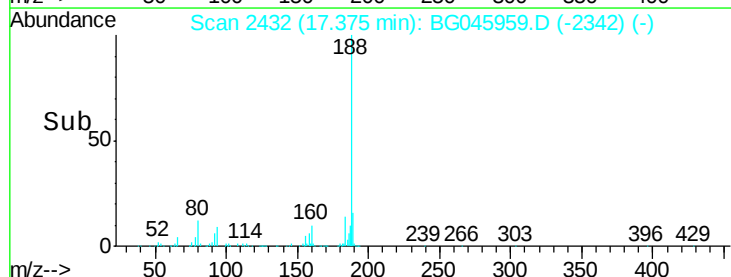
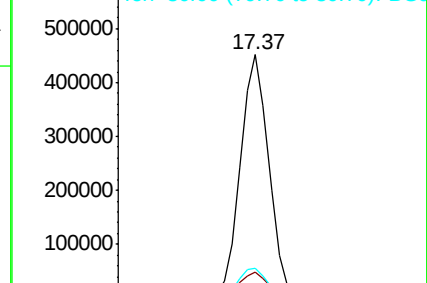
80 12.4 9.0 13.6

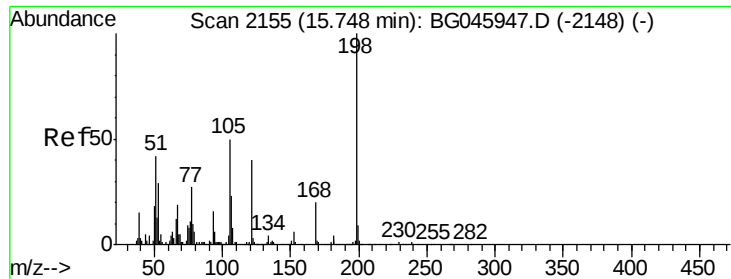


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





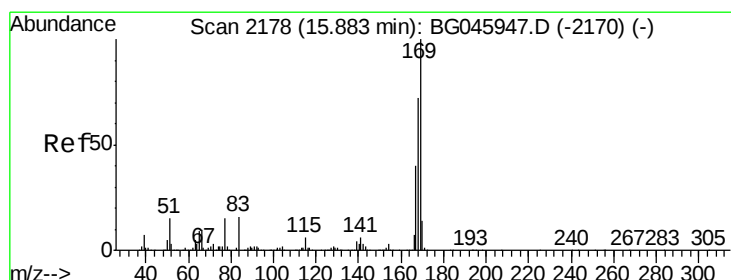
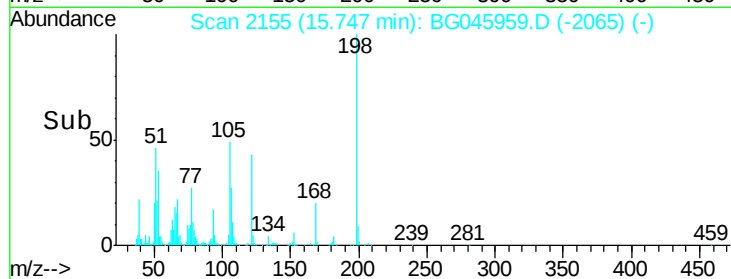
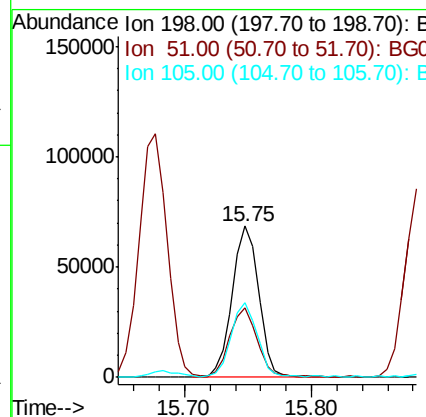
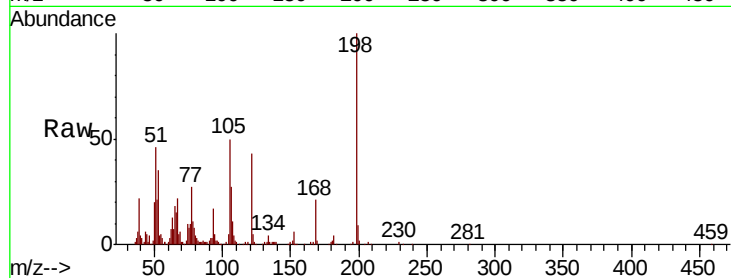
#65
4,6-Dinitro-2-methylphenol
Concen: 43.878 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.8	24.5	64.5
105	49.7	30.9	70.9

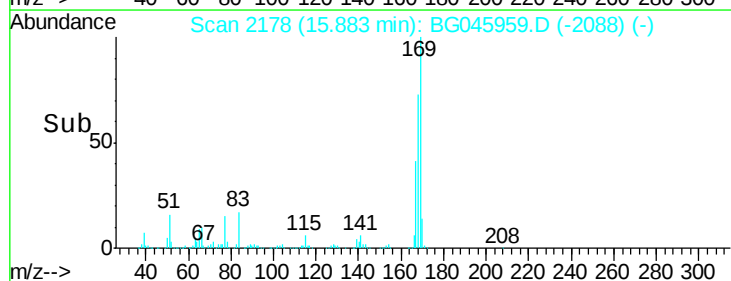
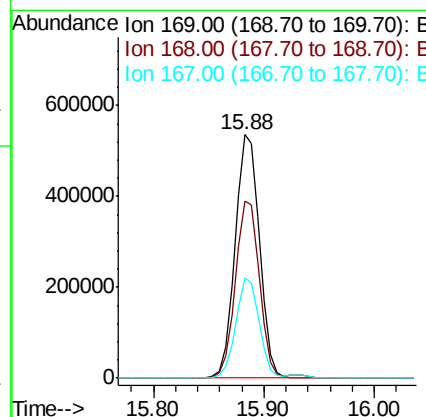
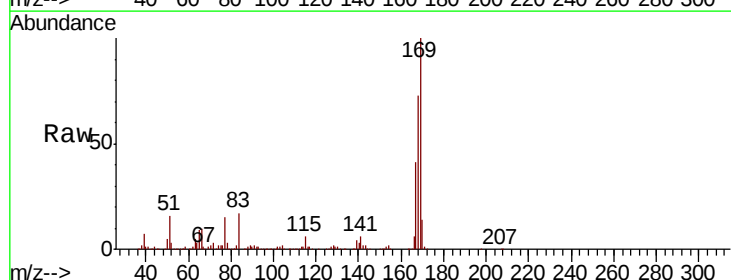
Manual Integrations
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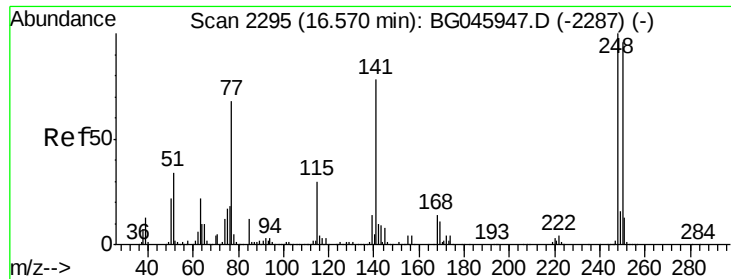
mohammad
7/9/2020 10:55:17 AM



#66
n-Nitrosodiphenylamine
Concen: 39.987 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.8	57.3	85.9
167	41.1	32.1	48.1





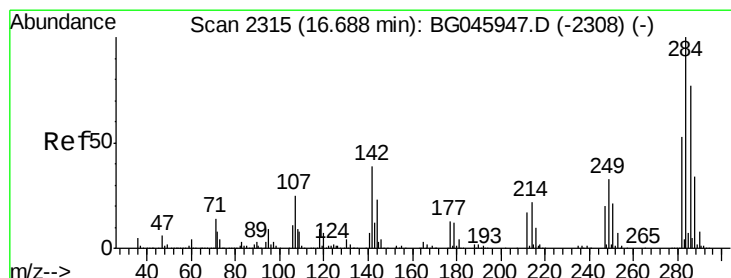
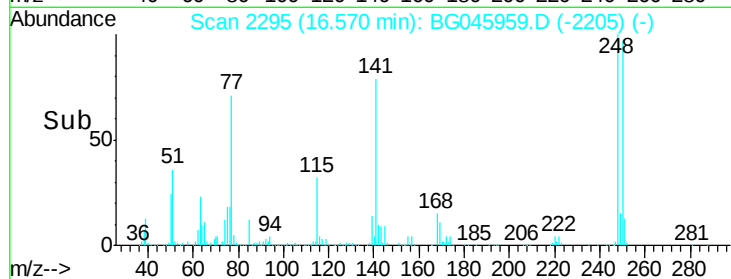
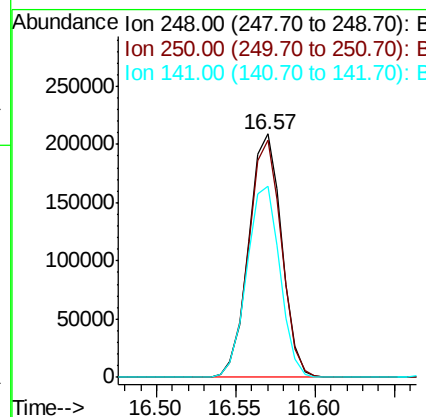
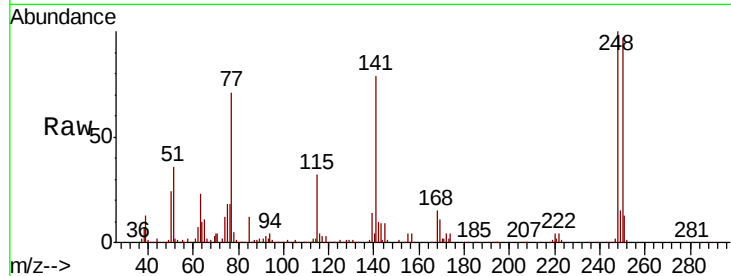
#67
4-Bromophenyl-phenylether
Concen: 40.388 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.6	114.8
141	78.8	62.7	94.1

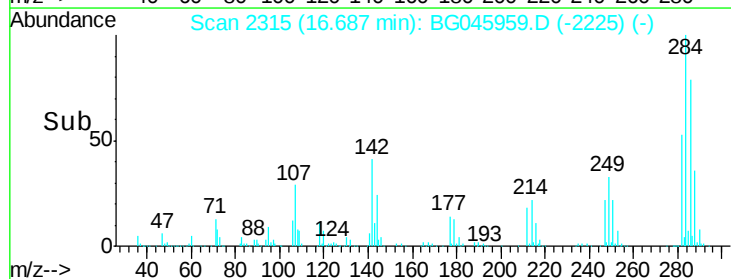
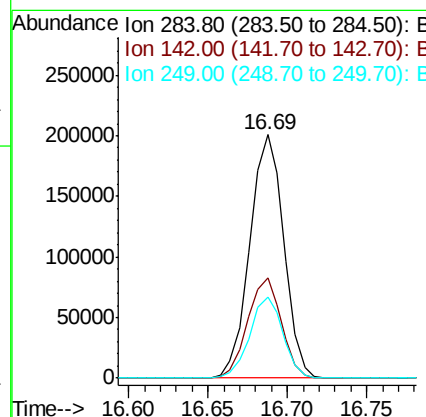
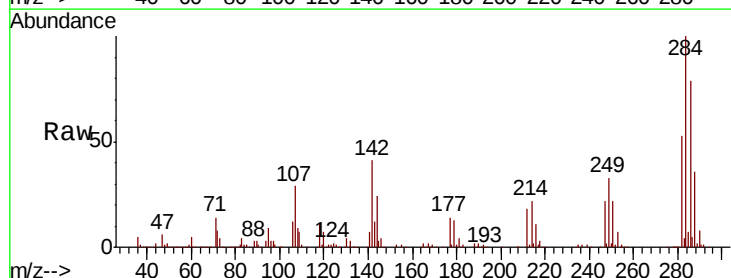
Manual Integrations
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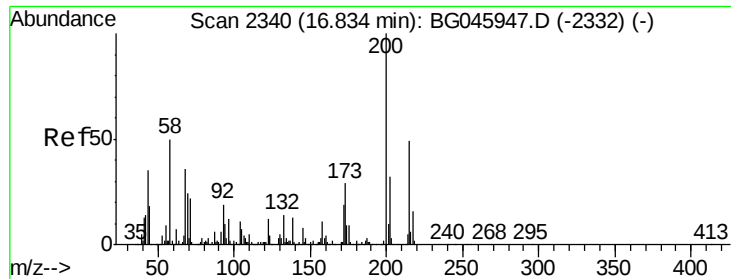
mohammad
7/9/2020 10:55:17 AM



#68
Hexachlorobenzene
Concen: 40.008 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.2	31.3	46.9
249	33.5	26.8	40.2





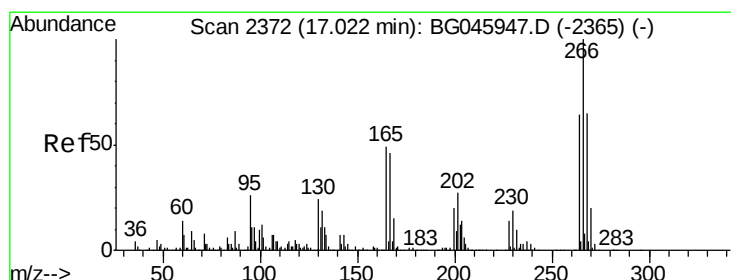
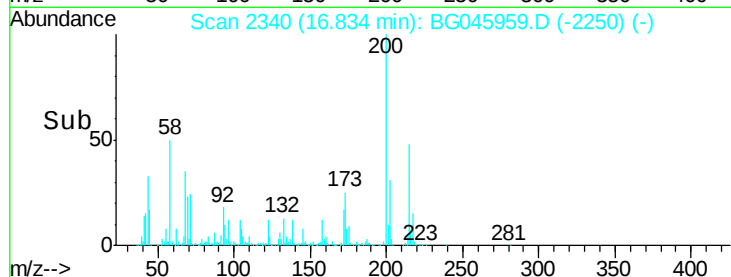
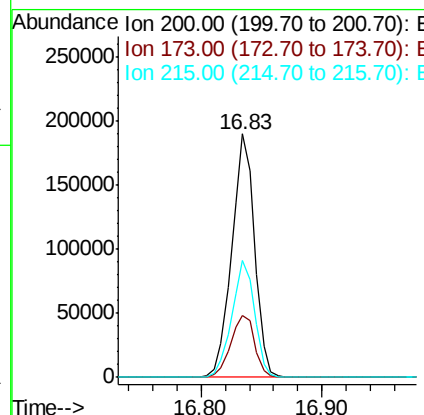
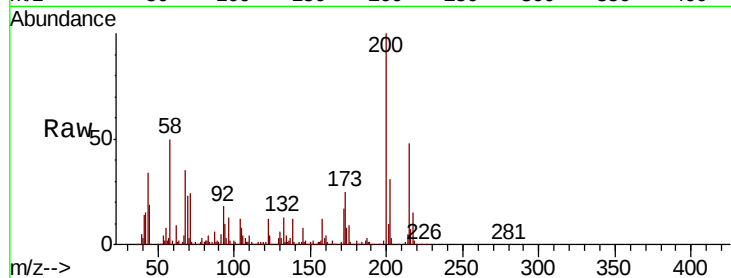
#69
Atrazine
Concen: 40.545 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	9.1	49.1
215	48.1	28.8	68.8

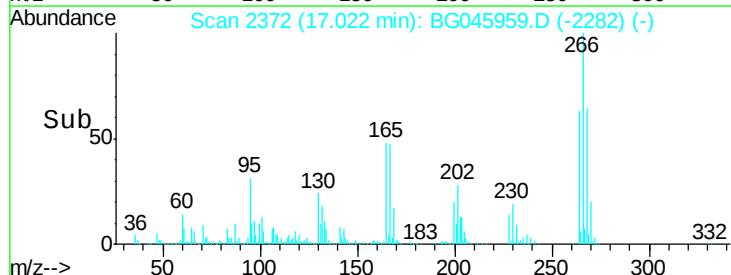
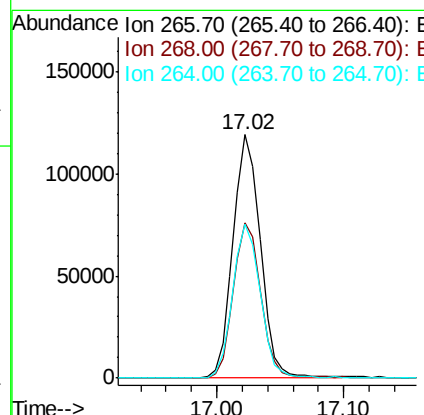
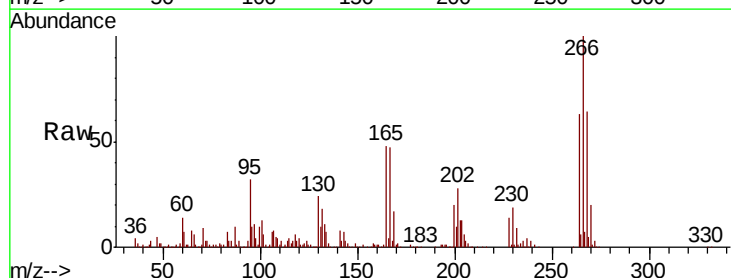
Manual Integrations
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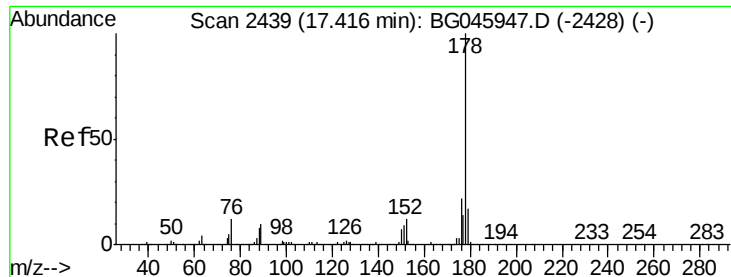
mohammad
7/9/2020 10:55:17 AM



#70
Pentachlorophenol
Concen: 42.944 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.8	77.8
264	63.1	51.4	77.0





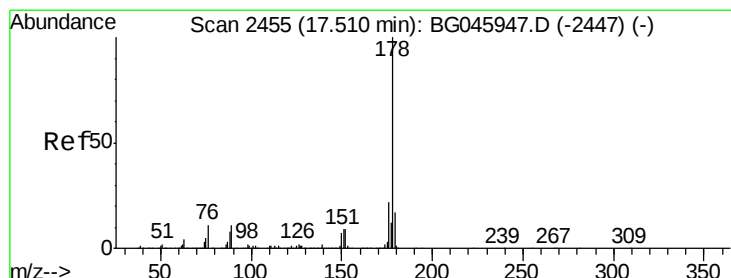
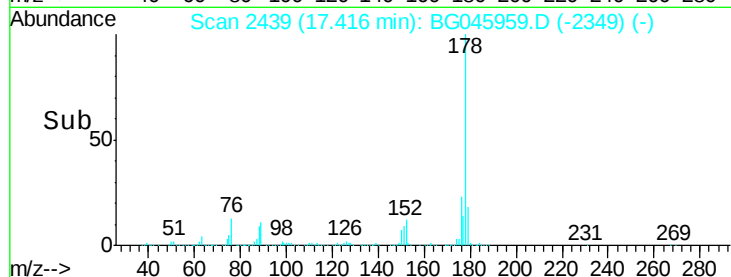
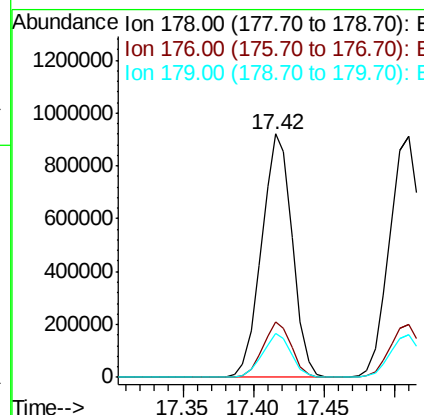
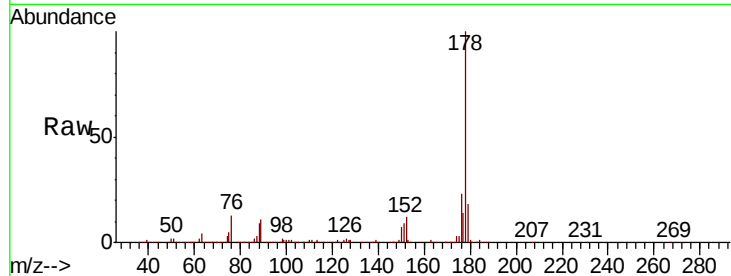
#71
Phenanthrene
Concen: 39.812 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.4	26.2
179	17.9	13.4	20.2

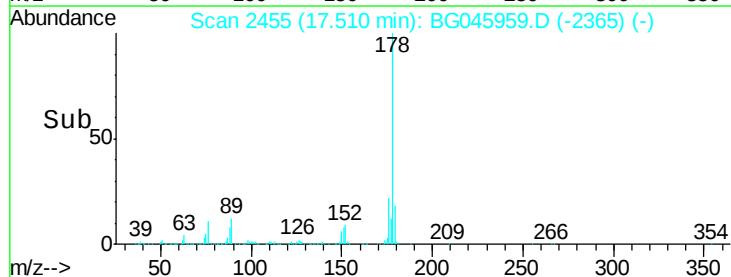
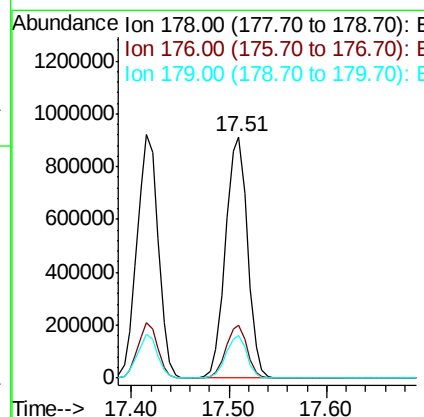
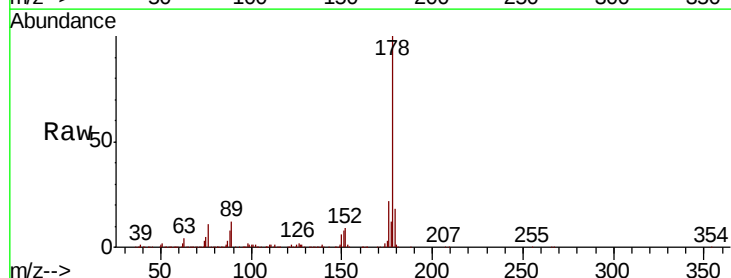
Manual Integrations
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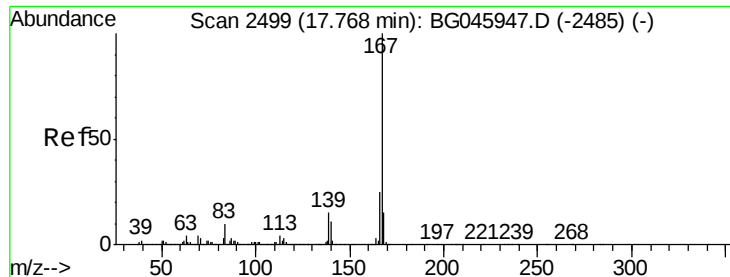
mohammad
7/9/2020 10:55:17 AM



#72
Anthracene
Concen: 39.725 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.2	25.8
179	17.7	14.0	21.0





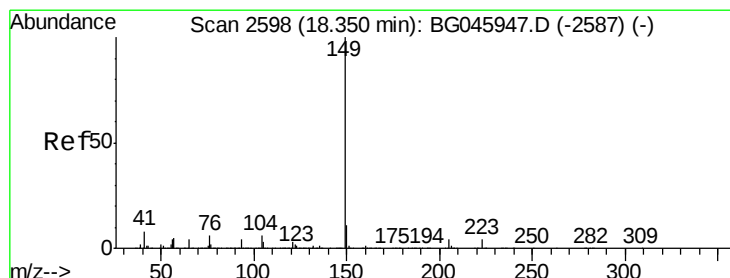
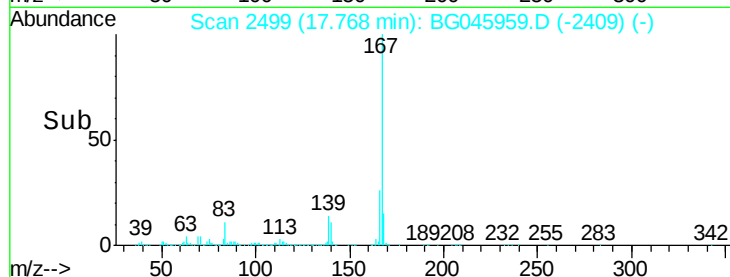
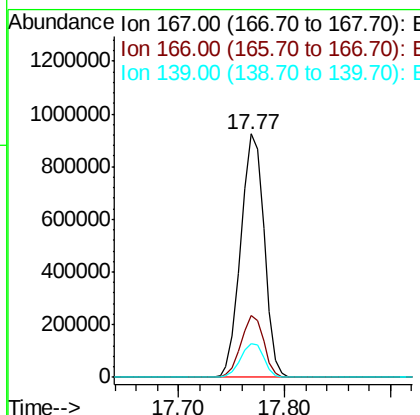
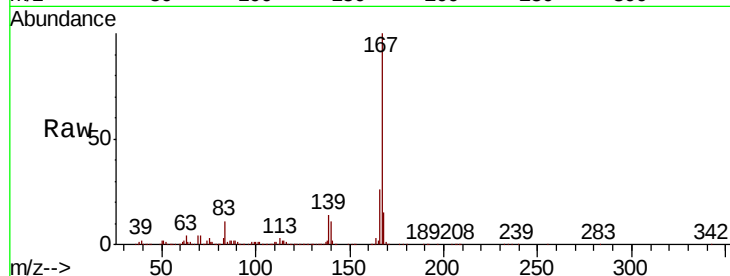
#73
 Carbazole
 Concen: 39.494 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	20.4	30.6
139	13.9	11.8	17.8

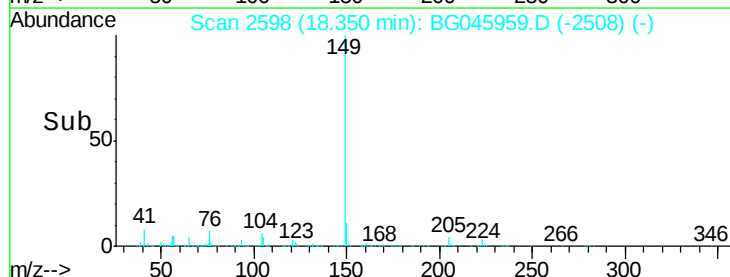
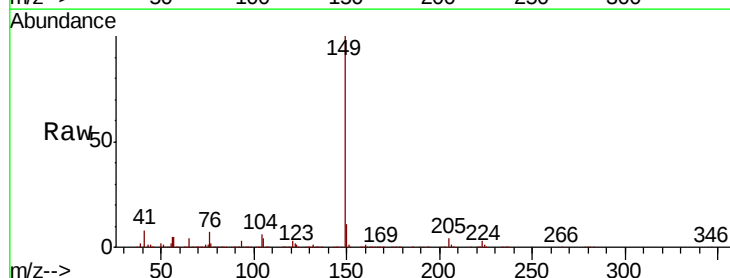
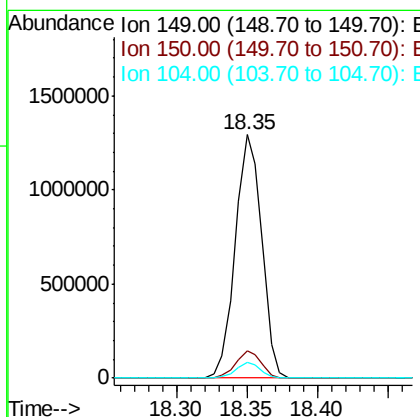
Manual Integrations
 APPROVED

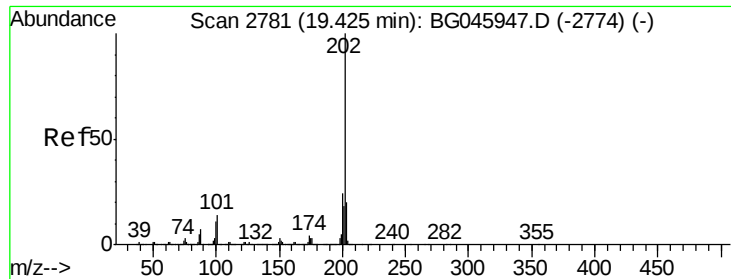
mohammad
 7/9/2020 10:55:17 AM



#74
 Di-n-butylphthalate
 Concen: 38.868 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	9.0	13.4
104	6.4	5.2	7.8





#75

Fluoranthene

Concen: 39.465 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

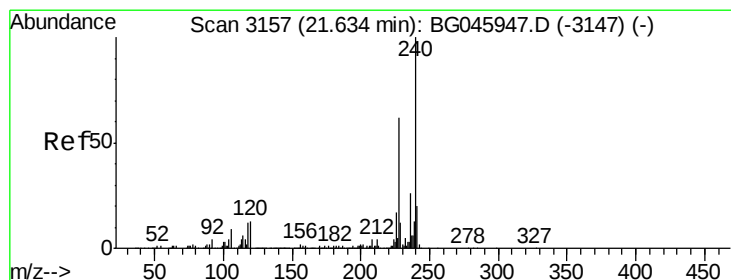
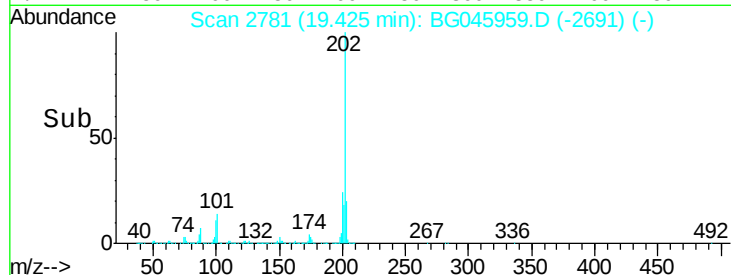
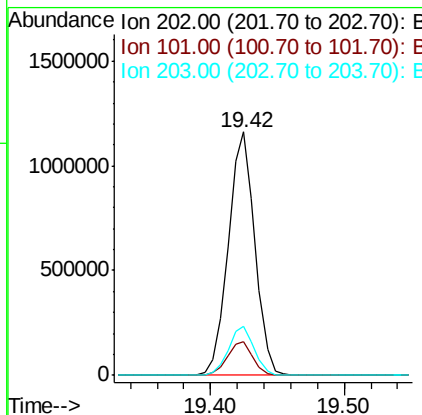
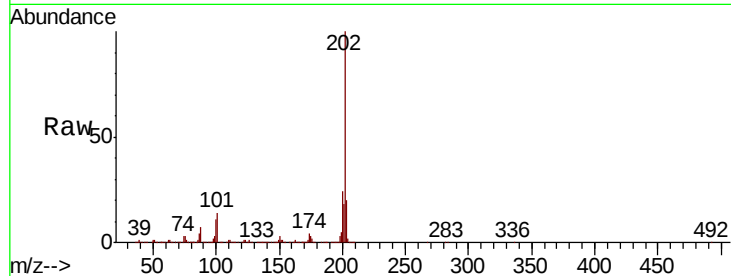
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1608344
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.8
203	20.3	0.4	40.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

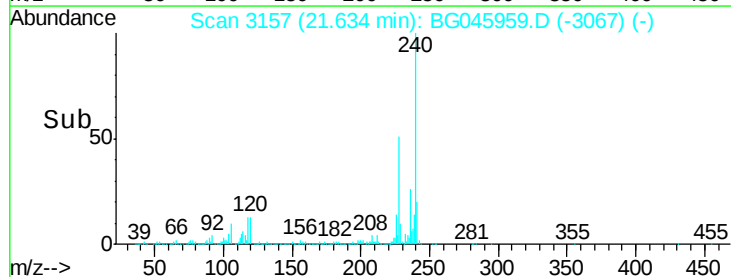
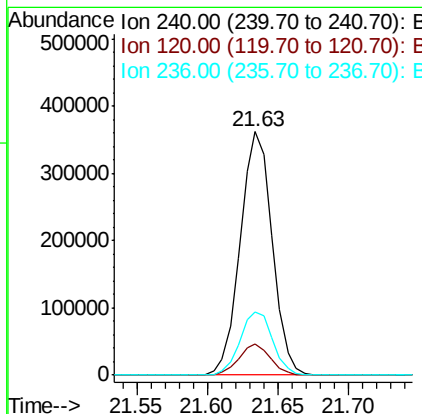
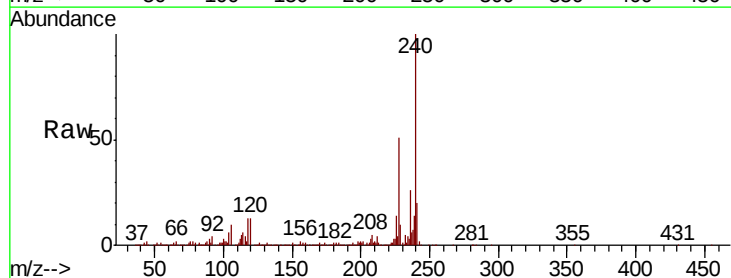
RT: 21.63 min Scan# 3157

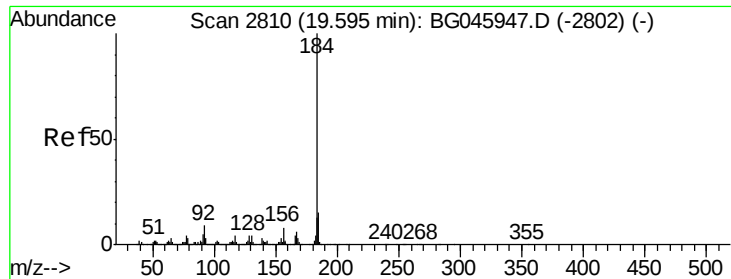
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	240	Resp:	571993
Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	16.0
236	26.2	20.4	30.6





#77

Benzidine

Concen: 43.673 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

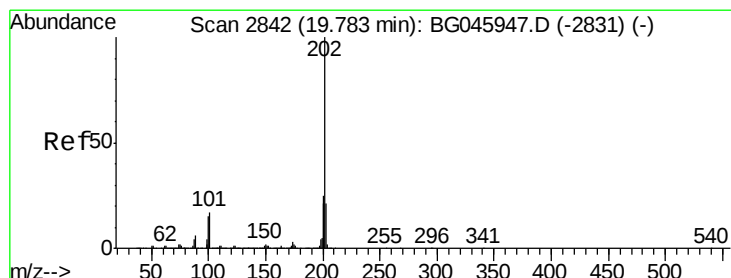
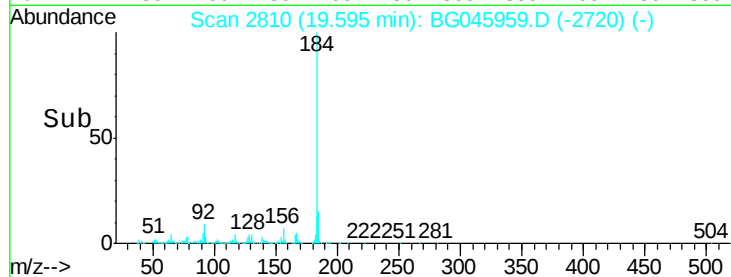
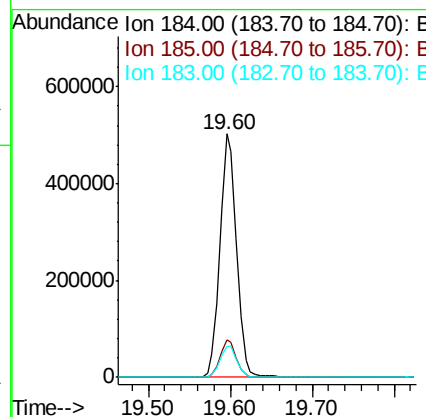
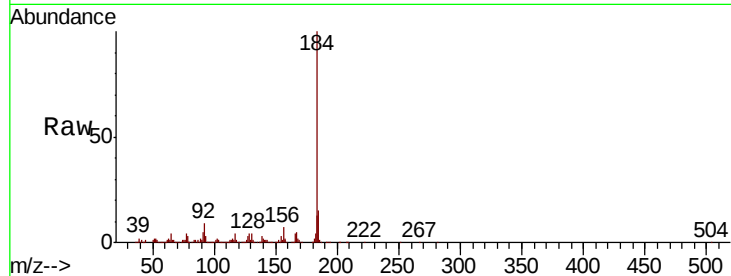
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	714253
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	12.8	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 41.752 ng

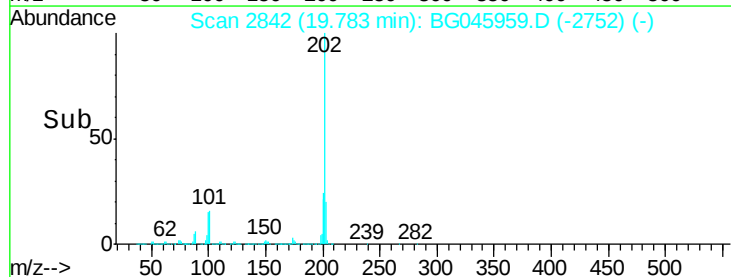
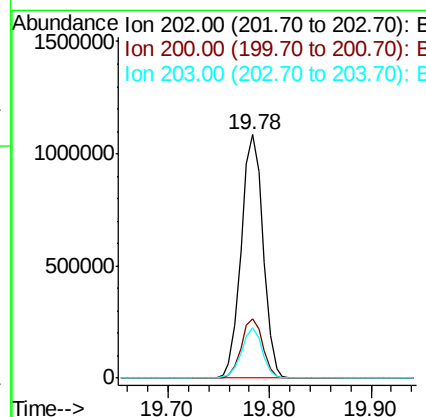
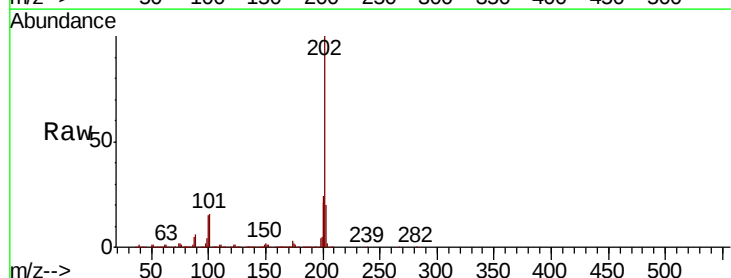
RT: 19.78 min Scan# 2842

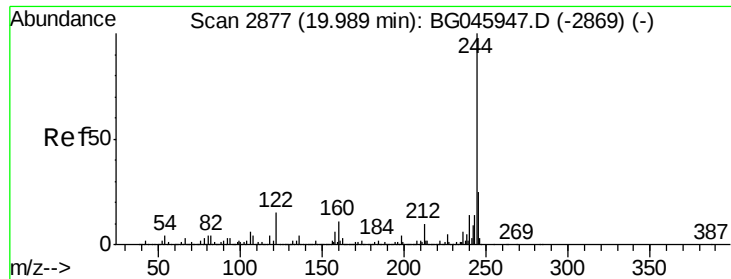
Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Tgt Ion:	202	Resp:	1630184
Ion	Ratio	Lower	Upper
202	100		
200	24.3	20.1	30.1
203	20.5	16.5	24.7





#79

Terphenyl-d14

Concen: 81.858 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2103884

Ion Ratio Lower Upper

244 100

212 9.9 8.3 12.5

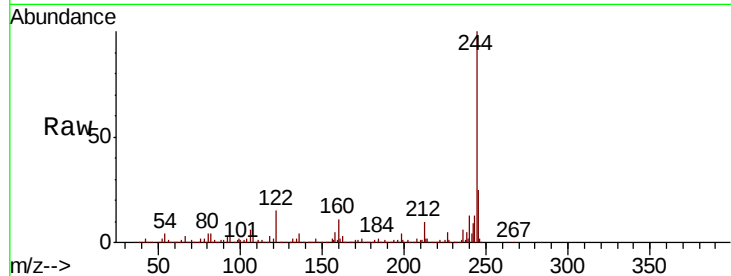
122 15.3 12.1 18.1

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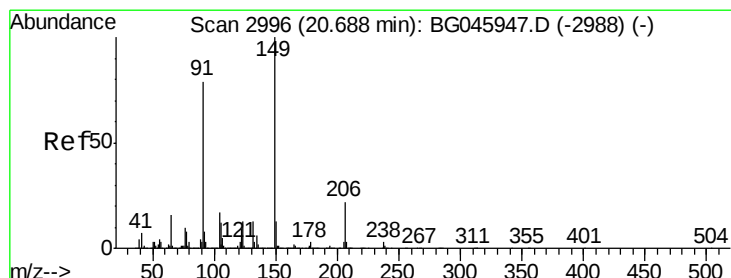
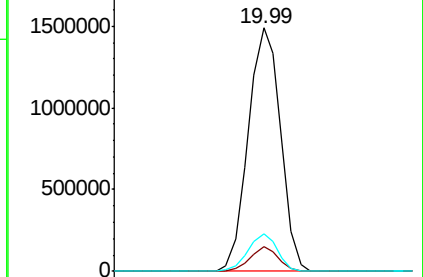
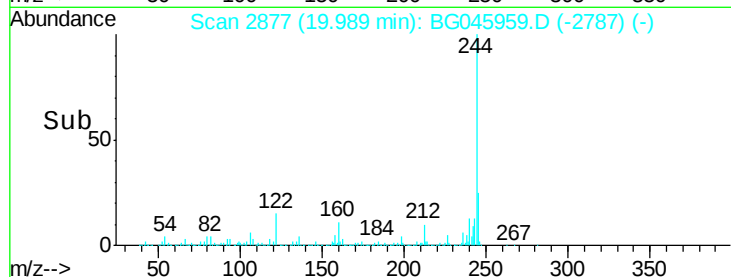
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Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.114 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

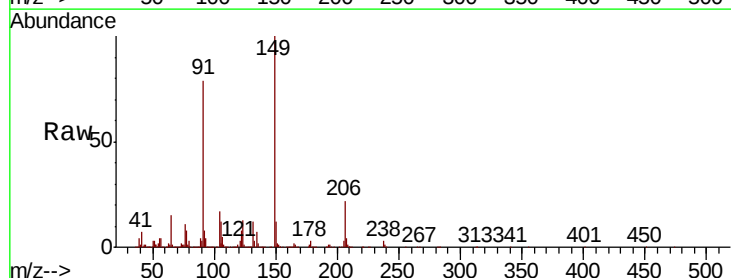
Tgt Ion:149 Resp: 777035

Ion Ratio Lower Upper

149 100

91 79.3 63.1 94.7

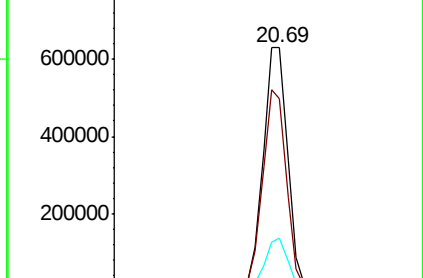
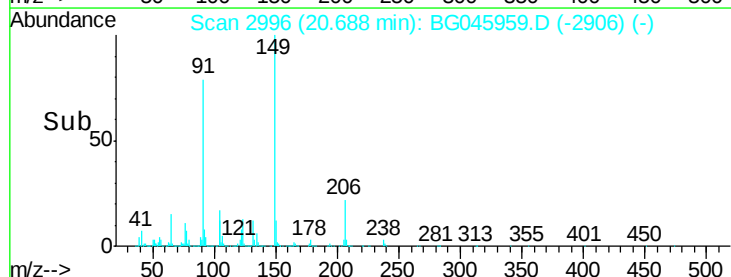
206 22.0 17.4 26.0

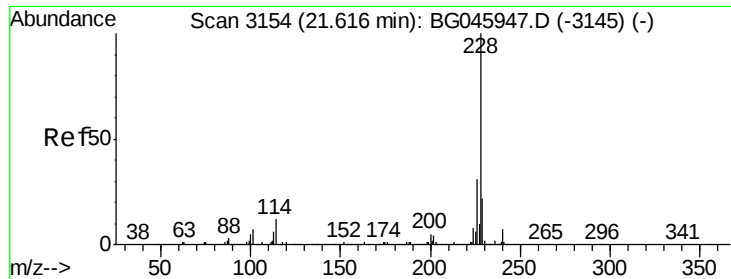


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





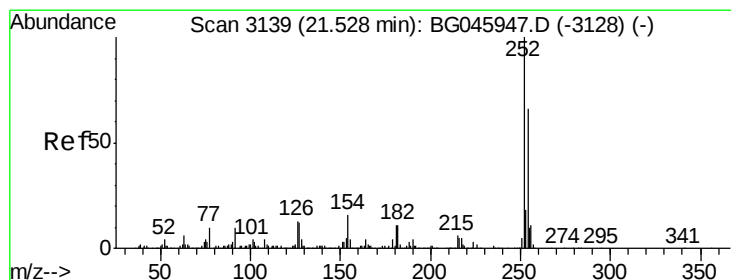
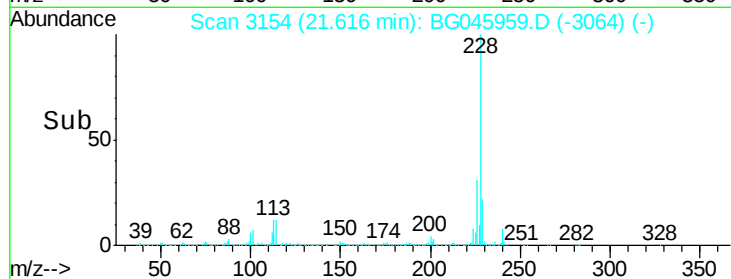
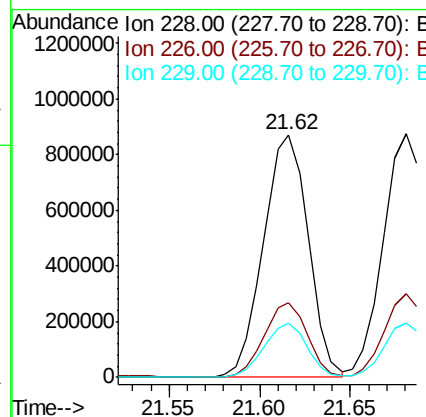
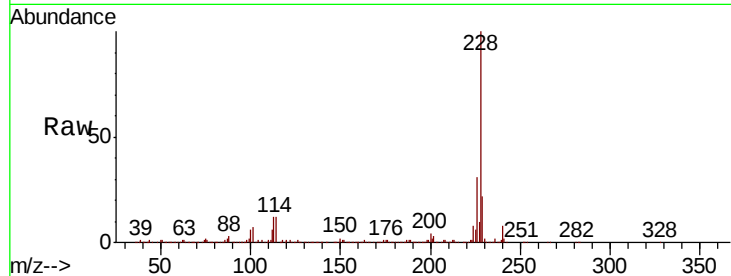
#81
Benzo(a)anthracene
Concen: 39.857 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	22.5	17.8	26.8

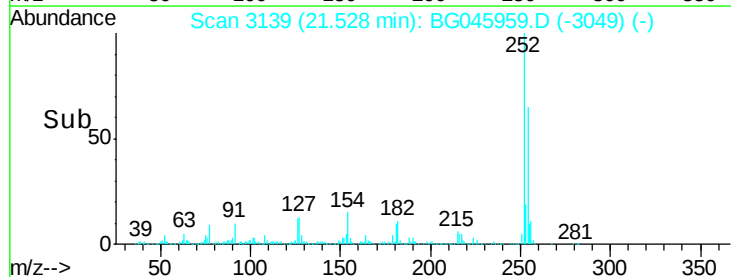
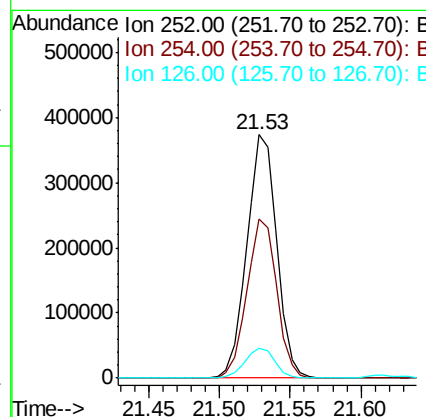
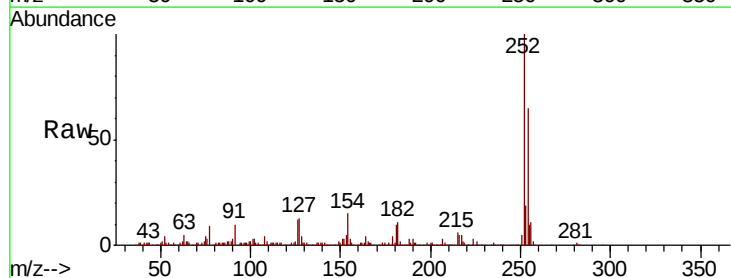
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#82
3,3'-Dichlorobenzidine
Concen: 39.935 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.9	79.3
126	12.4	10.4	15.6





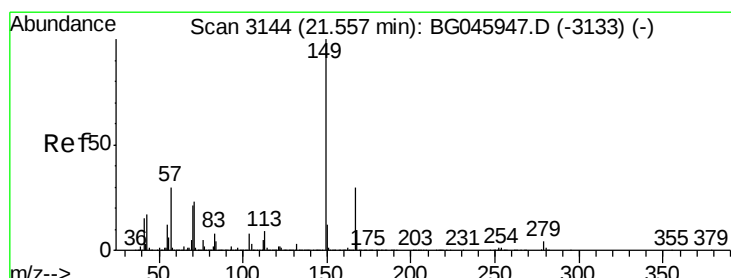
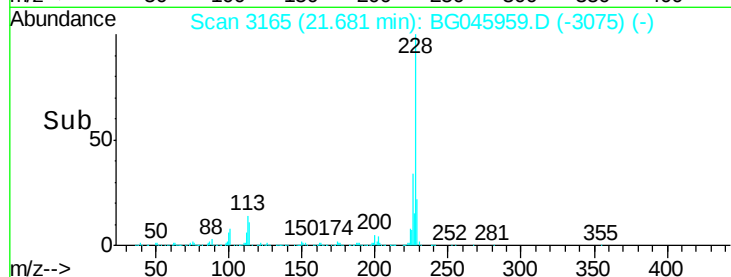
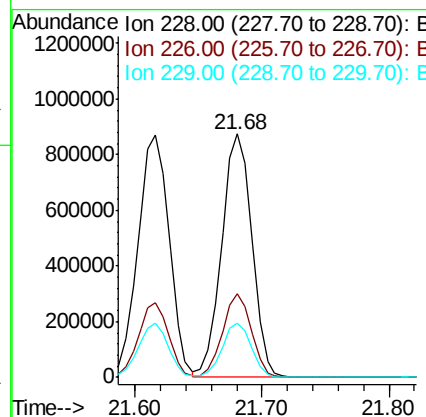
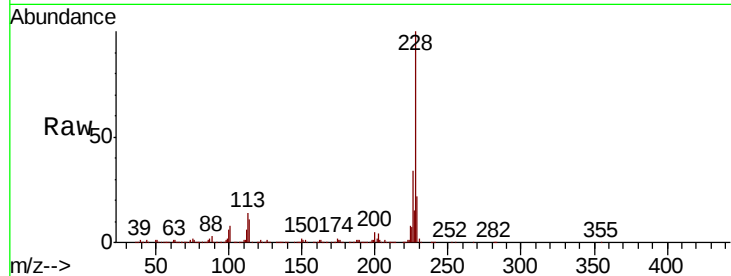
#83
Chrysene
Concen: 40.243 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.7	40.1
229	22.3	17.3	25.9

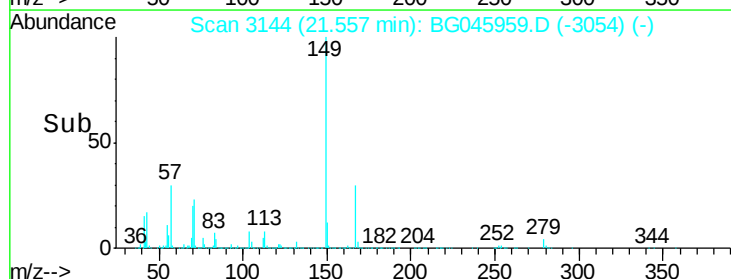
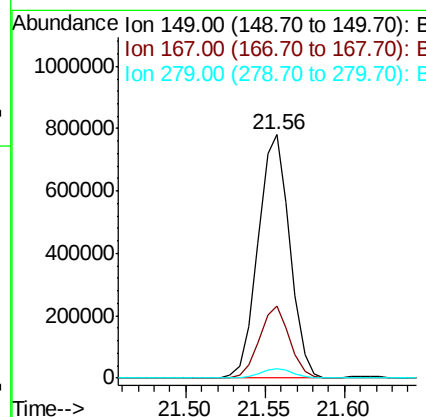
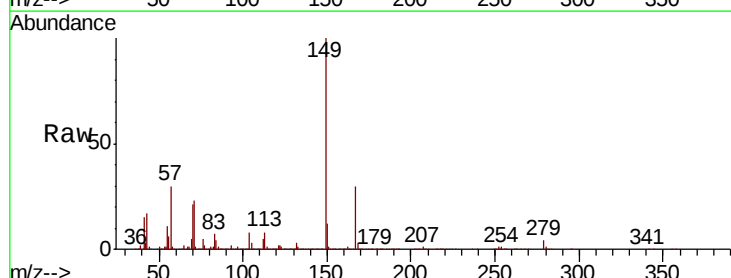
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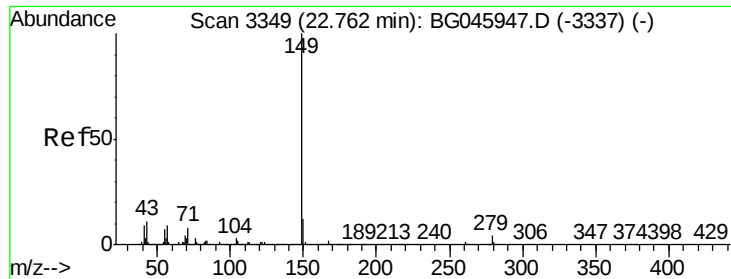
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.383 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.8	35.8
279	4.1	3.5	5.3





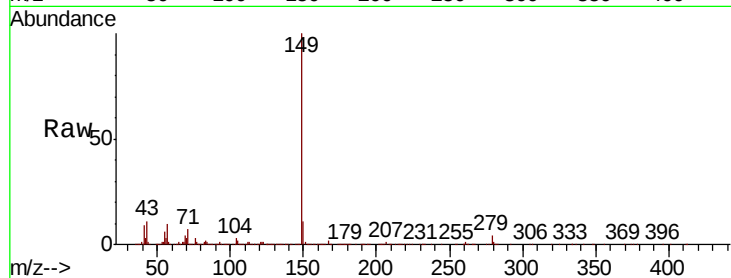
#85
Di-n-octyl phthalate
Concen: 40.326 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

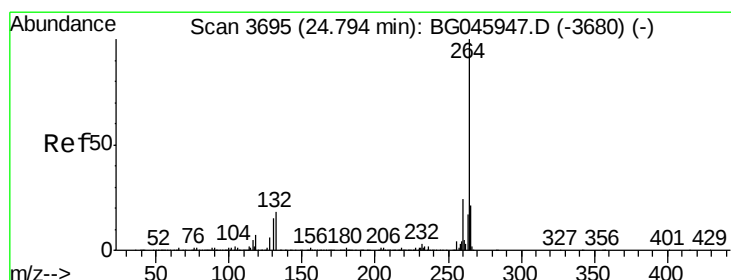
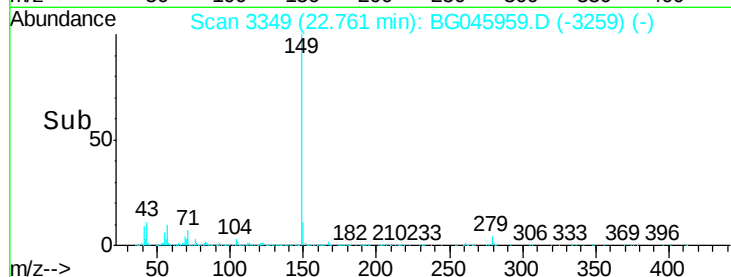
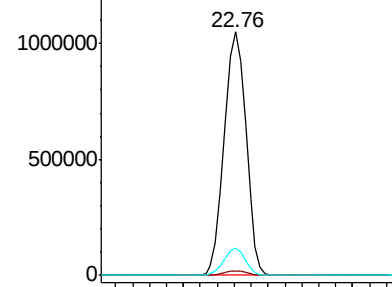
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.6	12.8

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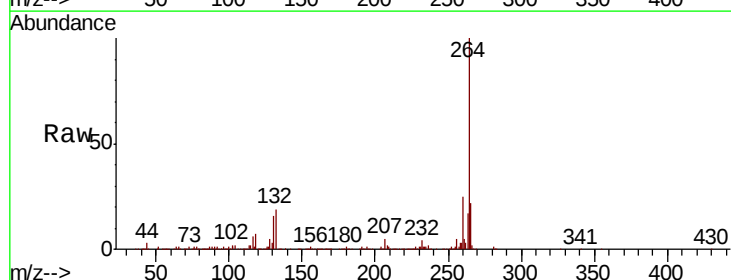


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

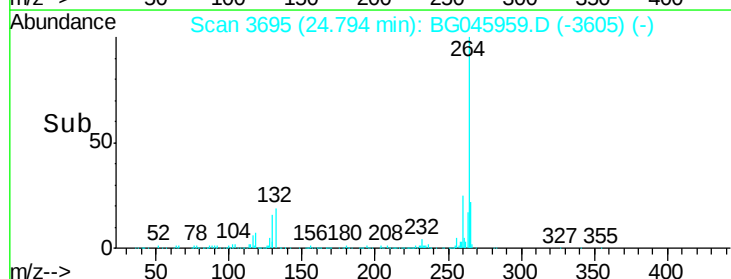
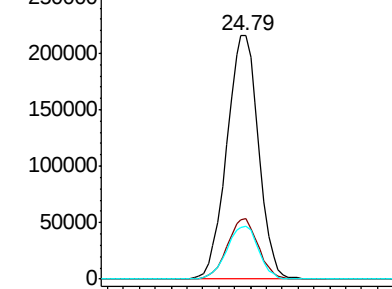


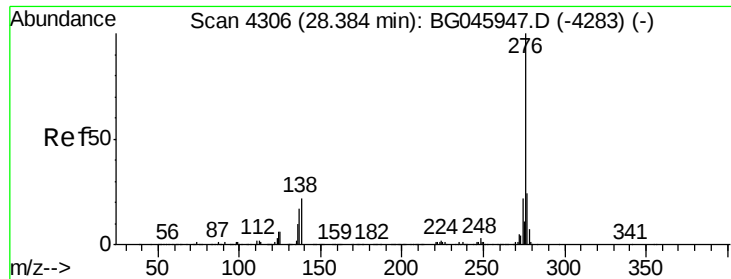
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	22.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





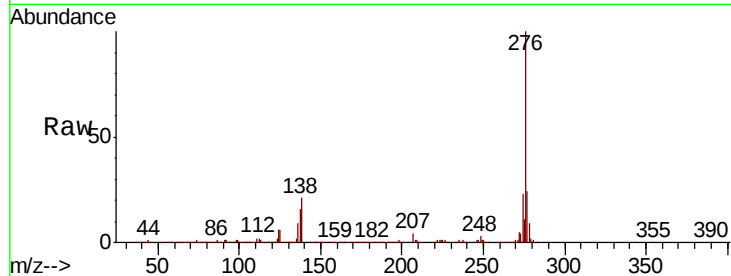
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.831 ng
 RT: 28.38 min Scan# 4306
 Delta R.T. -0.00 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

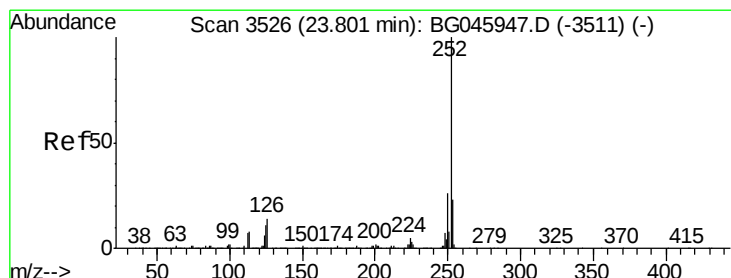
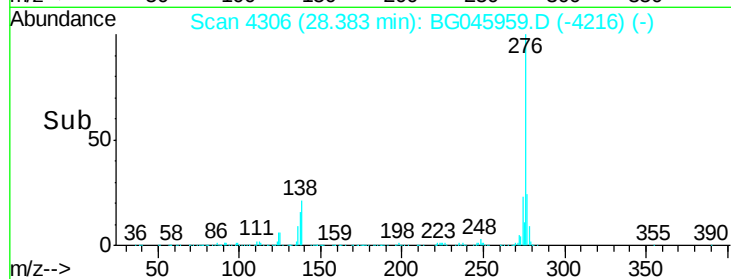
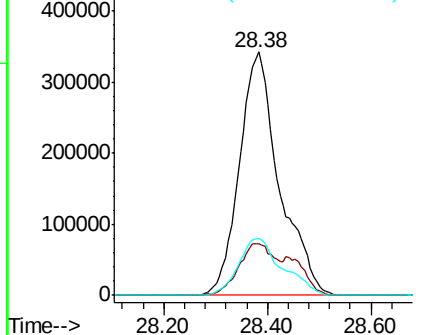
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	25.7	20.6	31.0

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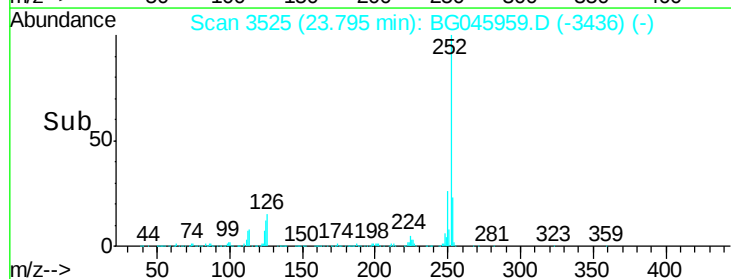
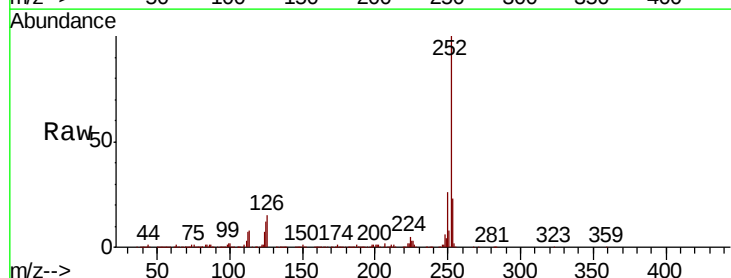
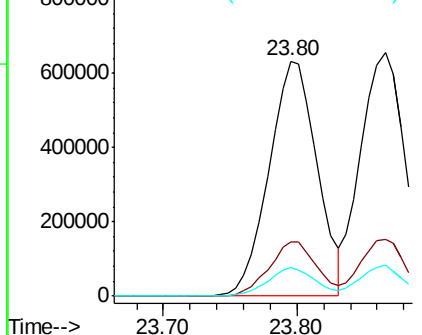
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

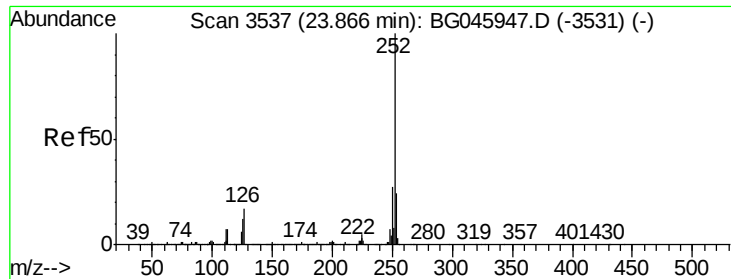


#88
 Benzo(b)fluoranthene
 Concen: 41.471 ng
 RT: 23.80 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BG045959.D
 Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.3	9.2	13.8

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





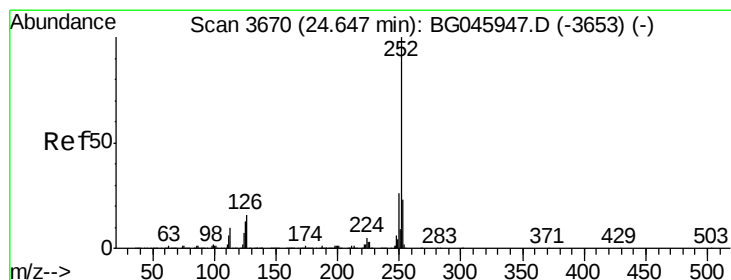
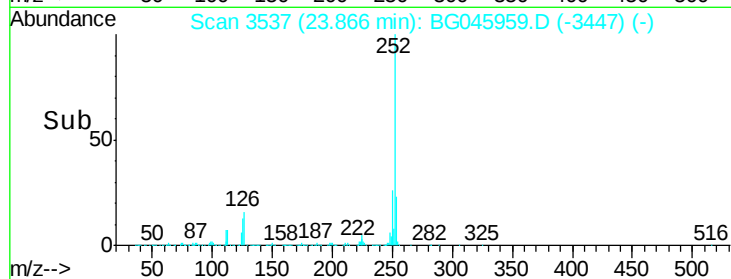
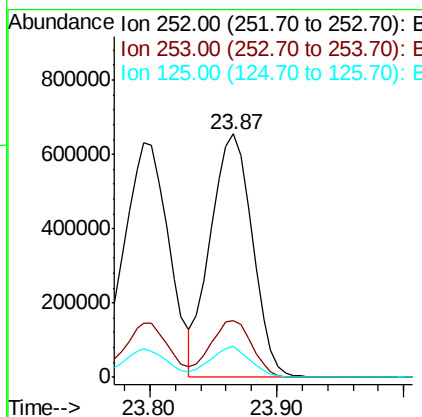
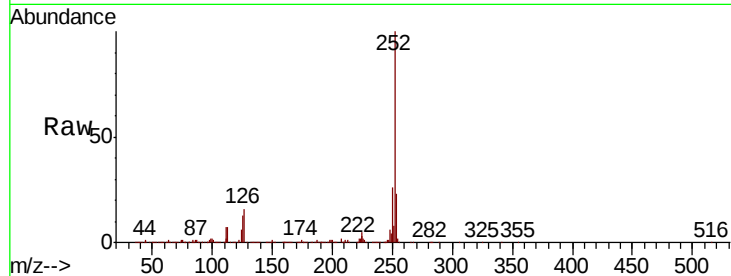
#89
Benzo(k)fluoranthene
Concen: 41.732 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	12.6	9.6	14.4

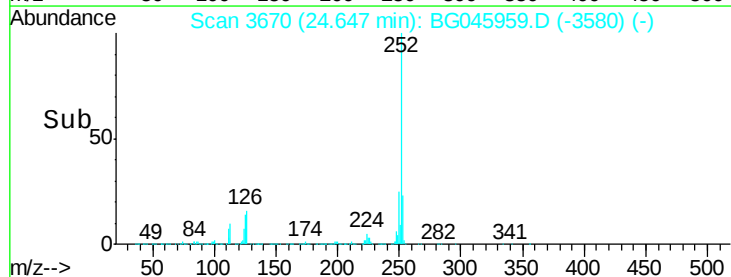
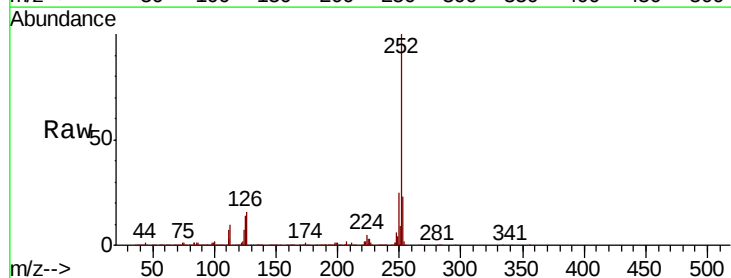
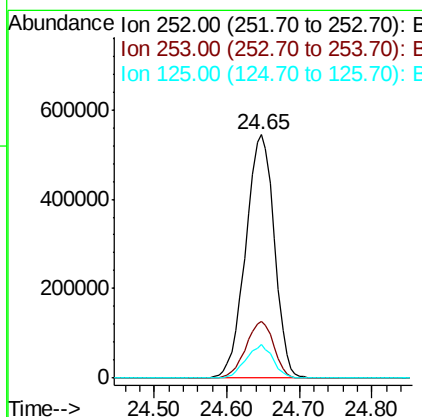
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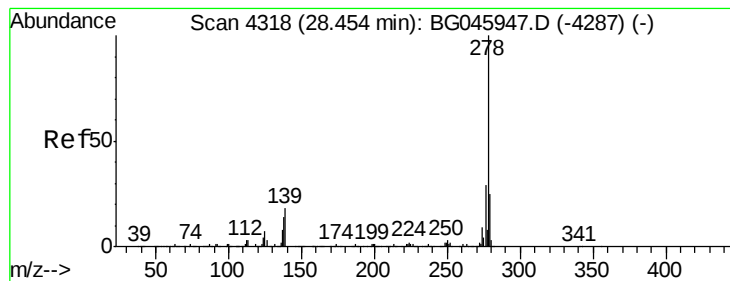
mohammad
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#90
Benzo(a)pyrene
Concen: 41.708 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG045959.D
Acq: 7 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	13.7	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 41.350 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.01 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1462566

Ion Ratio Lower Upper

278 100

139 17.4 14.3 21.5

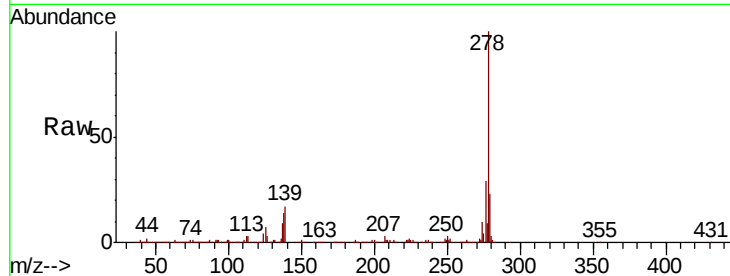
279 23.5 19.8 29.6

Manual Integrations

APPROVED

mohammad

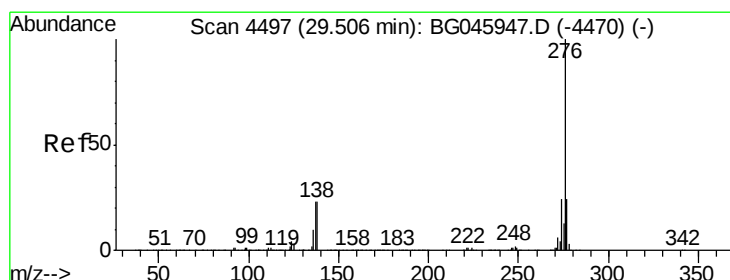
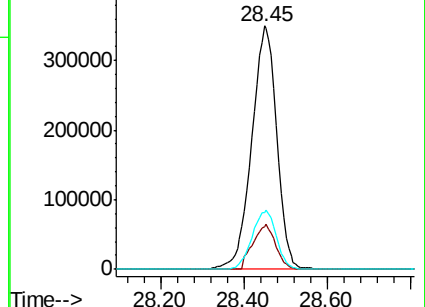
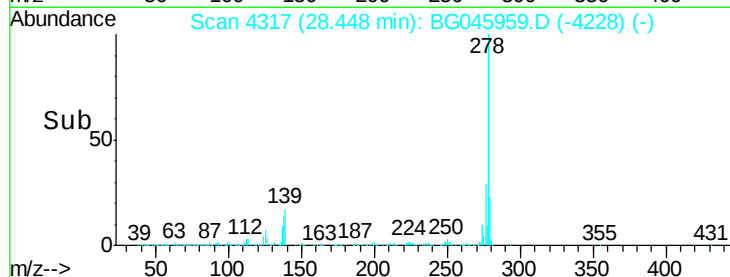
7/9/2020 10:55:17 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.085 ng

RT: 29.50 min Scan# 4496

Delta R.T. -0.01 min

Lab File: BG045959.D

Acq: 7 Jul 2020 14:11

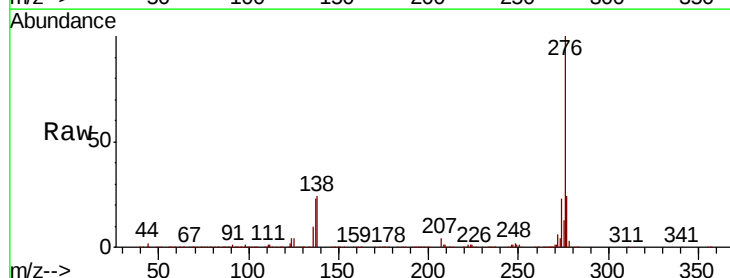
Tgt Ion:276 Resp: 1462379

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 23.7 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

