

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045542.D
 Acq On : 30 May 2020 6:02
 Operator : CG/JU
 Sample : L2505-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Manual Integrations
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 6/1/2020 12:22:55 PM

Quant Time: May 30 07:01:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67466	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	271340	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	199428	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	469740	20.00	ng	0.00
76) Chrysene-d12	21.61	240	426444	20.00	ng	0.00
87) Perylene-d12	24.75	264	470400	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	507647	147.05	ng	0.00
7) Phenol-d6	7.16	99	635528	129.34	ng	0.00
23) Nitrobenzene-d5	9.11	82	522356	104.98	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	394418	154.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1172625	99.74	ng	0.00
79) Terphenyl-d14	19.96	244	1918724	104.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	66949	39.11	ng	# 37
3) Pyridine	3.82	79	155576	32.63	ng	95
4) n-Nitrosodimethylamine	3.72	42	70469	45.17	ng	91
6) Aniline	7.28	93	251168	39.16	ng	97
8) 2-Chlorophenol	7.53	128	204843	54.11	ng	100
9) Benzaldehyde	7.09	77	106106	33.14	ng	97
10) Phenol	7.18	94	225211	44.47	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	194860	49.33	ng	99
12) 1,3-Dichlorobenzene	7.85	146	213595	46.95	ng	98
13) 1,4-Dichlorobenzene	7.99	146	221152	49.26	ng	98
14) 1,2-Dichlorobenzene	8.31	146	206161	47.74	ng	97
15) Benzyl Alcohol	8.20	79	213266	52.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	182787	48.75	ng	99
17) 2-Methylphenol	8.43	107	181705	47.94	ng	94
18) Hexachloroethane	9.04	117	84975	49.42	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	176519	51.95	ng	98
20) 3+4-Methylphenols	8.76	107	237690	46.05	ng	# 88
22) Acetophenone	8.77	105	323155	50.25	ng	# 97
24) Nitrobenzene	9.16	77	265379	49.78	ng	97
25) Isophorone	9.68	82	499570	50.98	ng	98
26) 2-Nitrophenol	9.87	139	120224	52.72	ng	93
27) 2,4-Dimethylphenol	9.95	122	195799	57.89	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	274592	53.43	ng	97
29) 2,4-Dichlorophenol	10.43	162	218433	54.69	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	240384	50.93	ng	95
31) Naphthalene	10.81	128	644707	50.99	ng	98
32) Benzoic acid	10.13	122	98438	43.88	ng	99
33) 4-Chloroaniline	10.93	127	92989	17.59	ng	94
34) Hexachlorobutadiene	11.11	225	161708	48.47	ng	95
35) Caprolactam	11.70	113	60734m	41.43	ng	
36) 4-Chloro-3-methylphenol	12.08	107	247523	54.99	ng	96
37) 2-Methylnaphthalene	12.42	142	500278	53.08	ng	99
38) 1-Methylnaphthalene	12.64	142	469773	52.77	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	285124	51.19	ng	98

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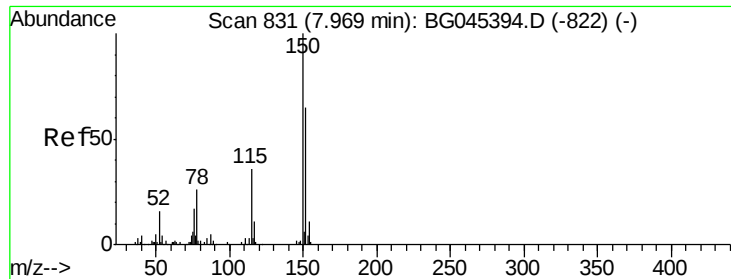
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	291271	90.59	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	198164	51.21	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	209245	47.32	ng	98
46) 1,1'-Biphenyl	13.43	154	647398	52.83	ng	99
47) 2-Chloronaphthalene	13.47	162	498204	50.07	ng	99
48) 2-Nitroaniline	13.68	65	163446	49.93	ng	93
49) Acenaphthylene	14.32	152	815536	51.02	ng	98
50) Dimethylphthalate	14.05	163	850638	62.18	ng	99
51) 2,6-Dinitrotoluene	14.17	165	155986	50.53	ng	98
52) Acenaphthene	14.67	154	607518m	56.78	ng	
53) 3-Nitroaniline	14.51	138	100455	32.01	ng	98
54) 2,4-Dinitrophenol	14.72	184	185149	90.77	ng	97
55) Dibenzofuran	15.00	168	799509	50.32	ng	96
56) 4-Nitrophenol	14.86	139	190970	80.38	ng	99
57) 2,4-Dinitrotoluene	14.97	165	220335	49.28	ng	98
58) Fluorene	15.65	166	662782	50.78	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205485	52.82	ng	96
60) Diethylphthalate	15.42	149	702581	49.34	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	369218	49.43	ng	98
62) 4-Nitroaniline	15.68	138	152926	46.68	ng	98
63) Azobenzene	15.93	77	666774	50.22	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	139797	51.10	ng	98
66) n-Nitrosodiphenylamine	15.86	169	589293	52.25	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	253281	49.79	ng	98
68) Hexachlorobenzene	16.66	284	278075	52.27	ng	94
69) Atrazine	16.81	200	221143	47.60	ng	100
70) Pentachlorophenol	17.01	266	304400	110.19	ng	97
71) Phenanthrene	17.39	178	1059372	51.66	ng	99
72) Anthracene	17.48	178	1089530	52.91	ng	99
73) Carbazole	17.76	167	977989	48.72	ng	100
74) Di-n-butylphthalate	18.31	149	1181777	49.05	ng	99
75) Fluoranthene	19.40	202	1297718	49.75	ng	99
77) Benzidine	19.58	184	583412	48.71	ng	99
78) Pyrene	19.76	202	1273630	52.39	ng	99
80) Butylbenzylphthalate	20.65	149	520731	49.63	ng	99
81) Benzo(a)anthracene	21.59	228	1228754	51.72	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	298353	32.02	ng	99
83) Chrysene	21.66	228	1169578	51.20	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	731222	50.70	ng	98
85) Di-n-octyl phthalate	22.69	149	1239446	50.03	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1571562	52.61	ng	98
88) Benzo(b)fluoranthene	23.76	252	1320947	52.36	ng	100
89) Benzo(k)fluoranthene	23.83	252	1281869	54.08	ng	99
90) Benzo(a)pyrene	24.61	252	1218754	51.87	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1260027	53.37	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1303975	55.22	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

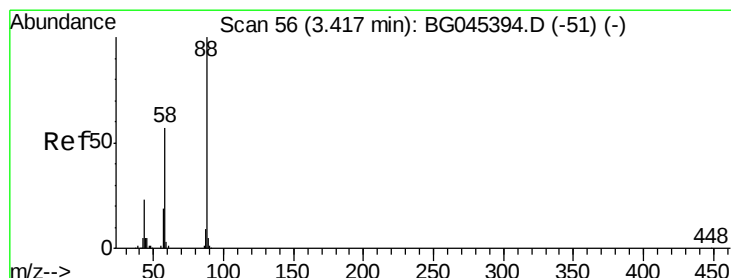
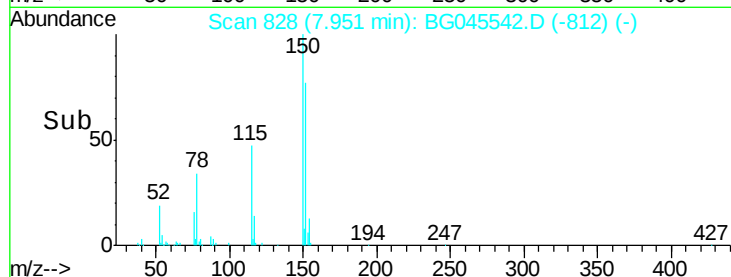
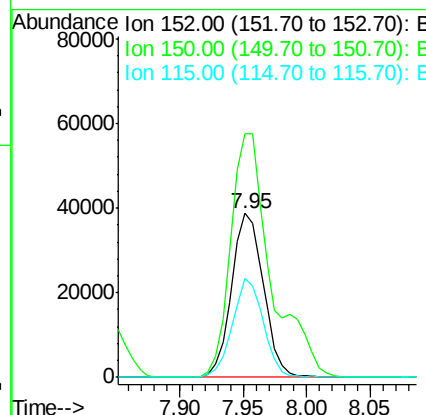
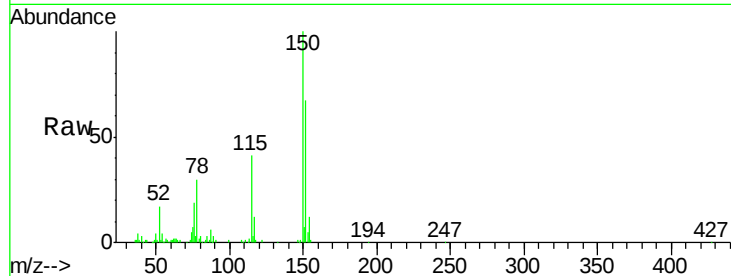
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	152	Resp:	67466
Ion Ratio	Lower	Upper	
152	100		
150	148.4	122.4	183.6
115	60.4	44.2	66.4

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#2

1,4-Dioxane

Concen: 39.11 ng

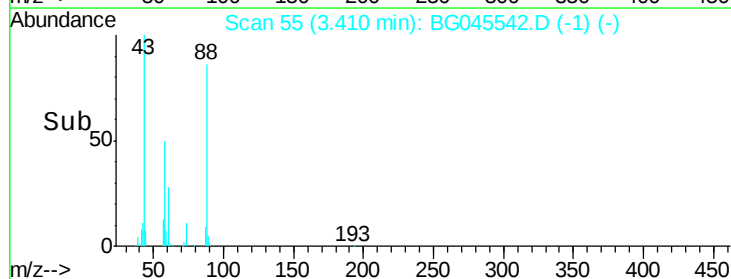
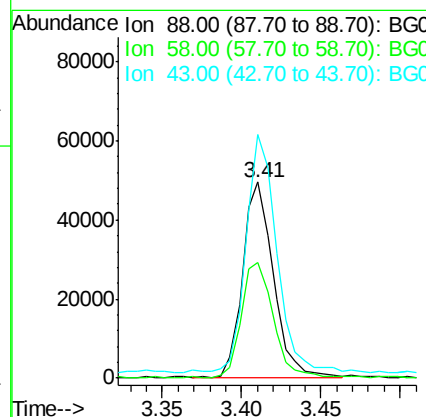
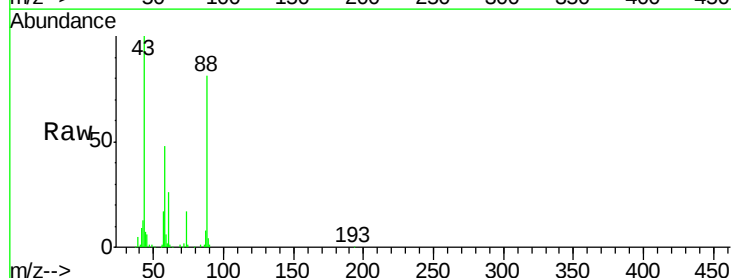
RT: 3.41 min Scan# 55

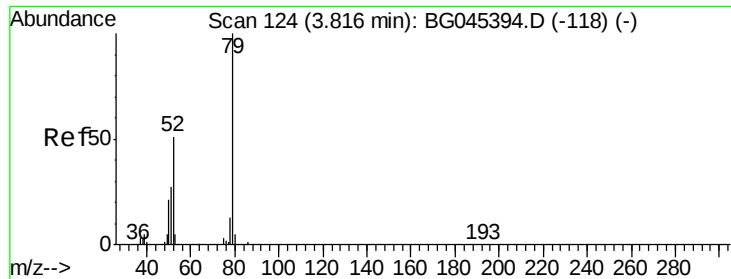
Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	88	Resp:	66949
Ion Ratio	Lower	Upper	
88	100		
58	62.3	45.7	68.5
43	122.4	16.8	25.2#





#3

Pyridine

Concen: 32.63 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

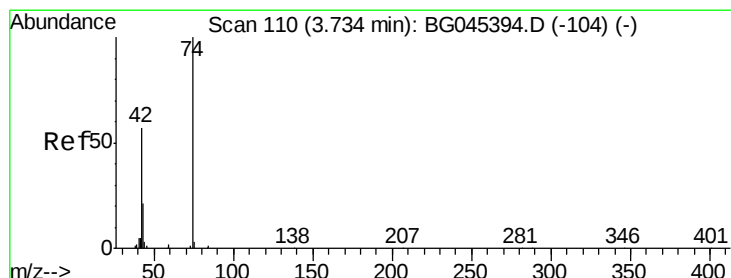
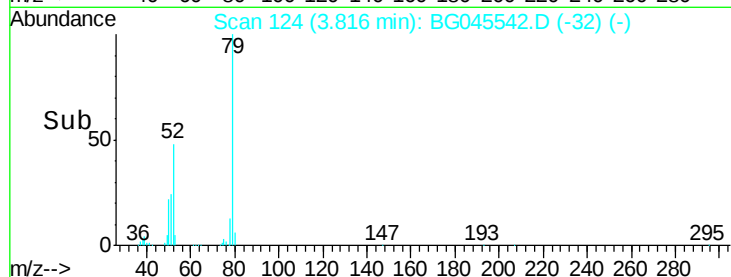
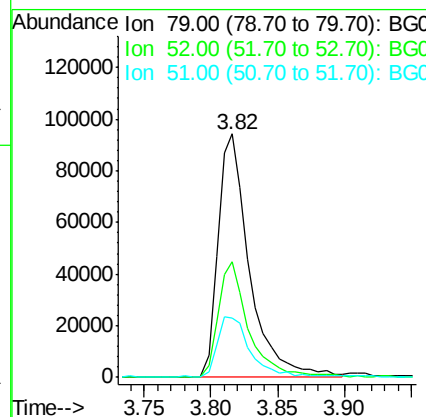
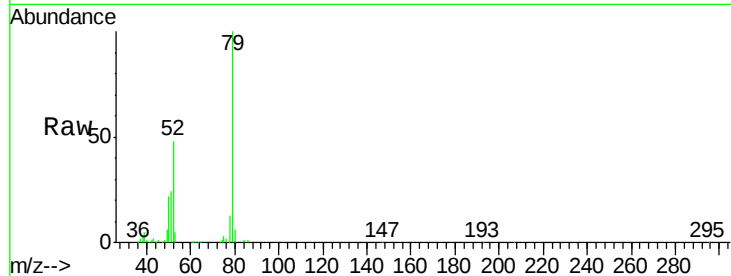
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	79	Resp:	155576
Ion	Ratio	Lower	Upper
79	100		
52	47.7	40.8	61.2
51	24.4	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 45.17 ng

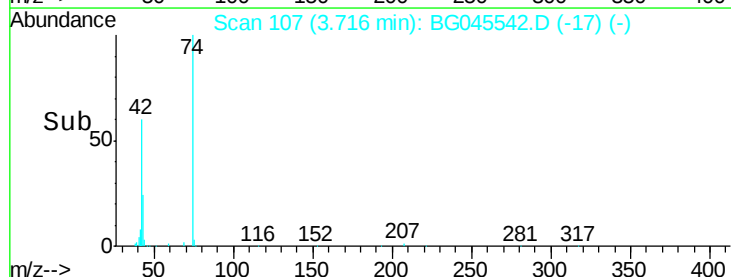
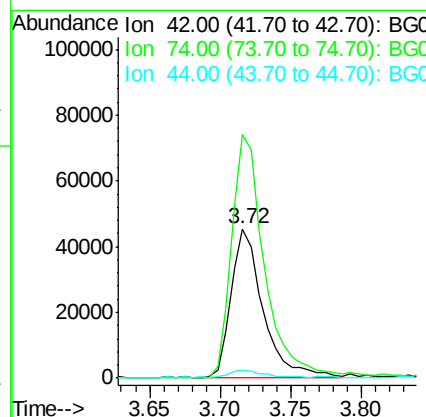
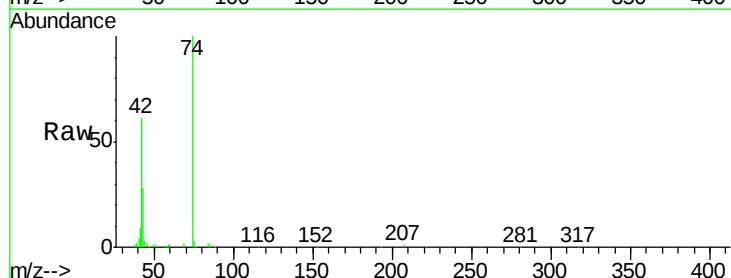
RT: 3.72 min Scan# 107

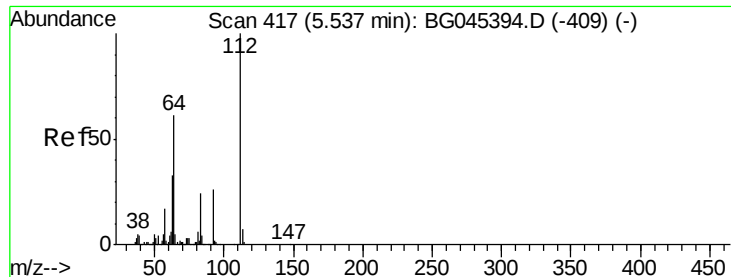
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	42	Resp:	70469
Ion	Ratio	Lower	Upper
42	100		
74	163.5	141.3	211.9
44	5.0	4.2	6.4





#5

2-Fluorophenol

Concen: 147.05 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

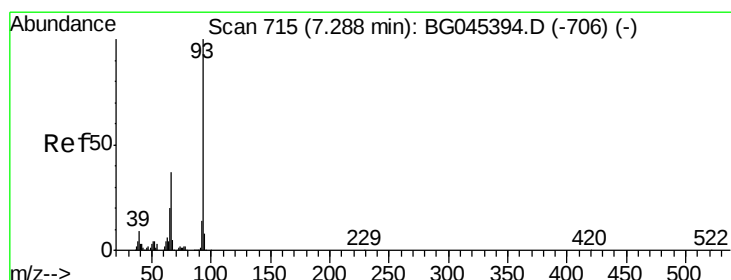
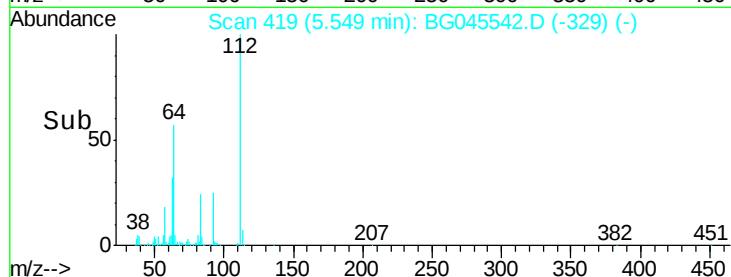
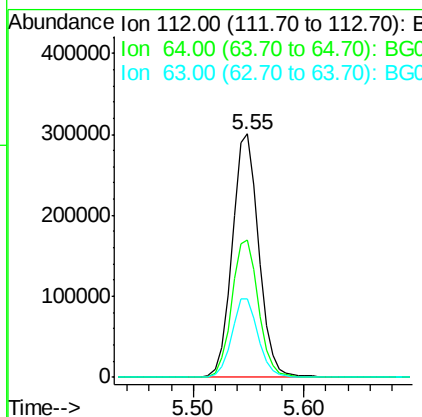
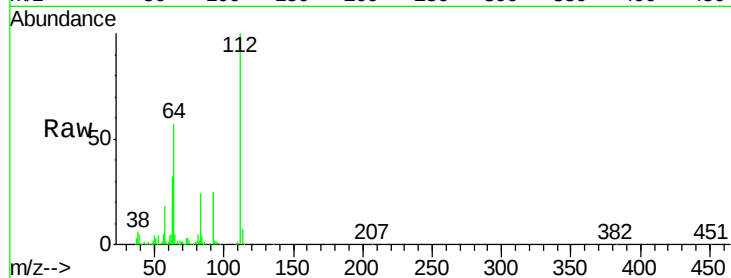
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	112	Resp:	507647
Ion Ratio	Lower	Upper	
112	100		
64	56.6	48.6	72.8
63	32.2	26.5	39.7

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#6

Aniline

Concen: 39.16 ng

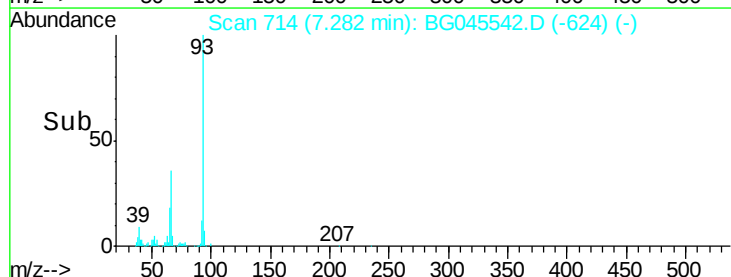
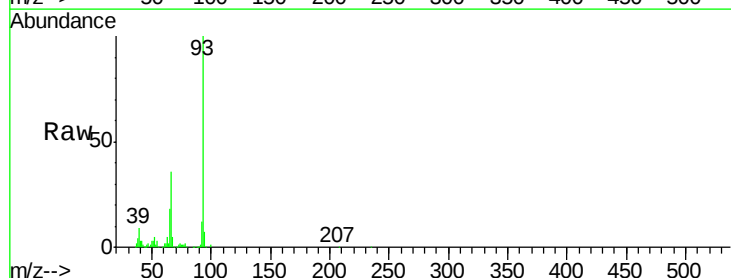
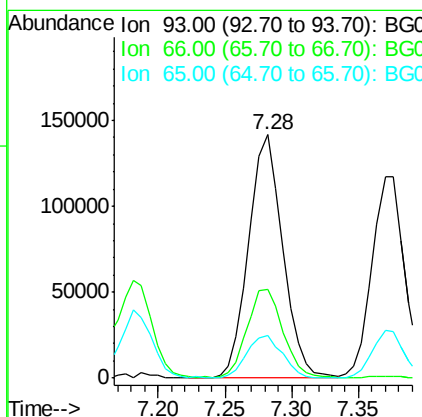
RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	93	Resp:	251168
Ion Ratio	Lower	Upper	
93	100		
66	36.2	29.6	44.4
65	17.7	15.9	23.9





#7

Phenol-d6

Concen: 129.34 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

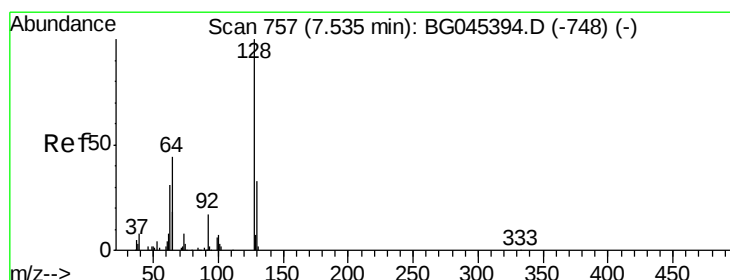
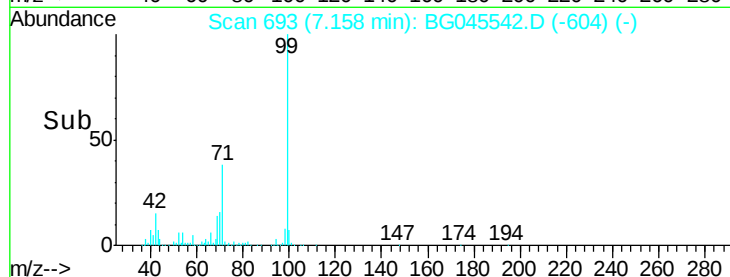
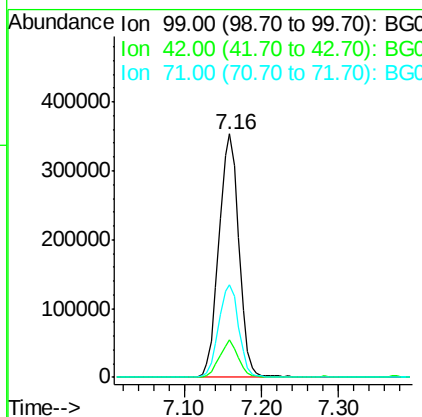
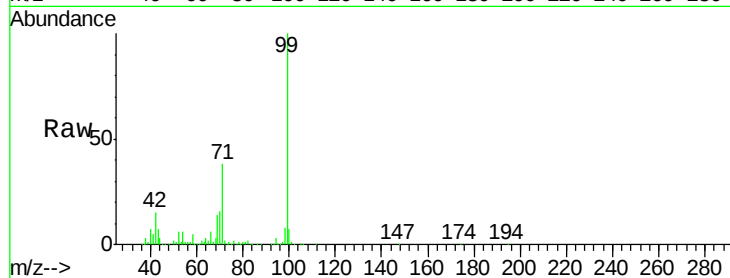
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	99	Resp:	635528
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.3	16.9
71	37.9	30.8	46.2

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#8

2-Chlorophenol

Concen: 54.11 ng

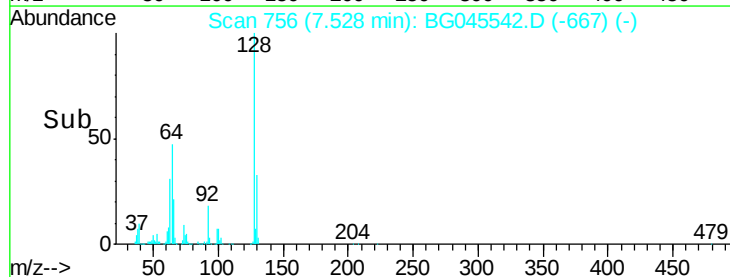
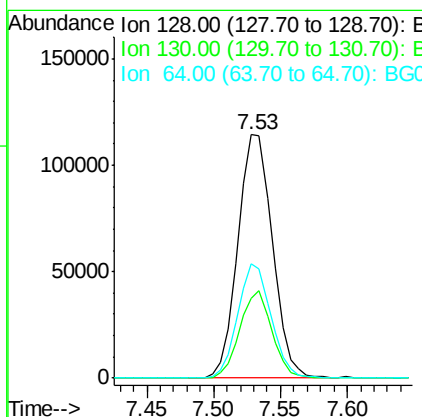
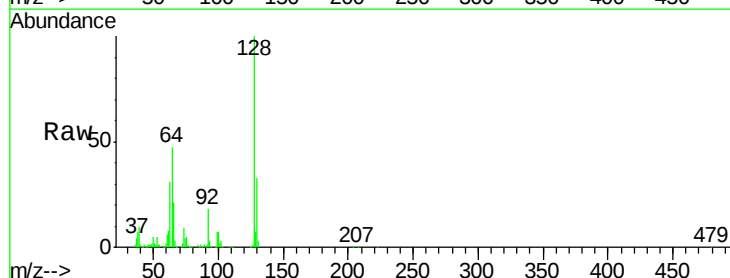
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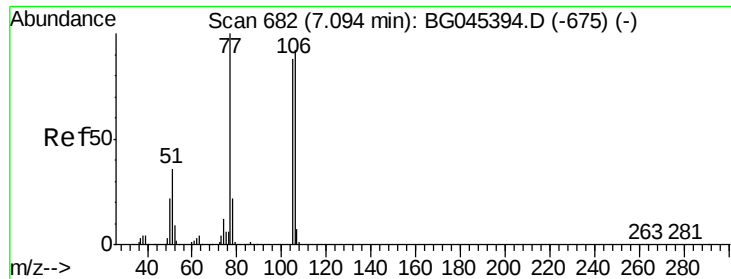
Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	128	Resp:	204843
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.6	52.6
64	46.8	27.0	67.0





#9

Benzaldehyde

Concen: 33.14 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

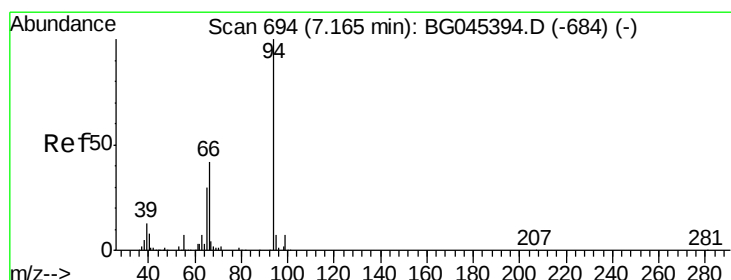
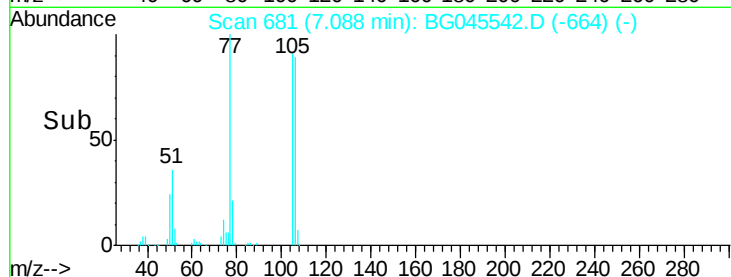
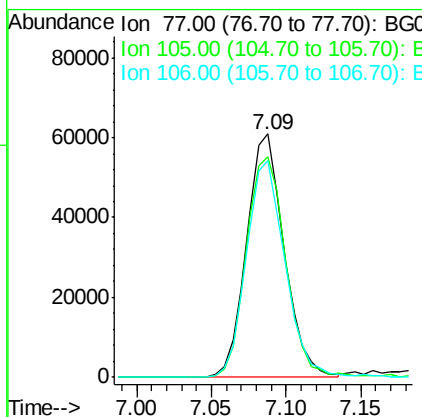
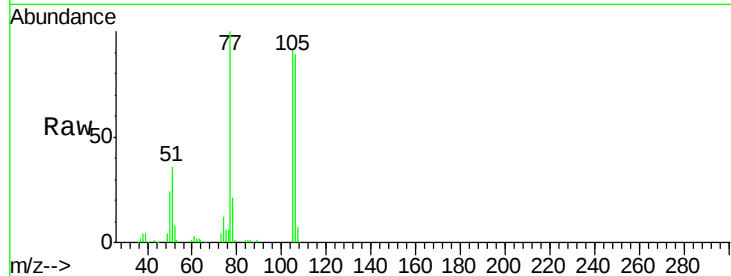
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	77	Resp:	106106
Ion Ratio	Lower	Upper	
77	100		
105	90.7	68.5	108.5
106	89.1	71.6	111.6

Manual Integrations
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#10

Phenol

Concen: 44.47 ng

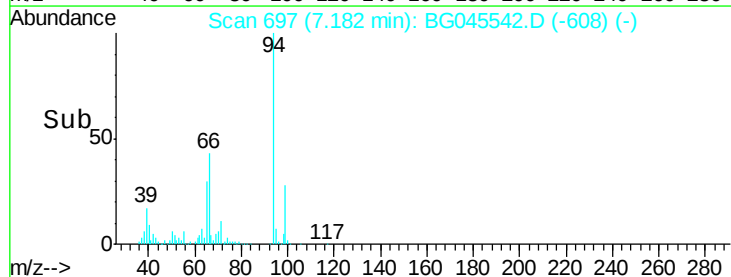
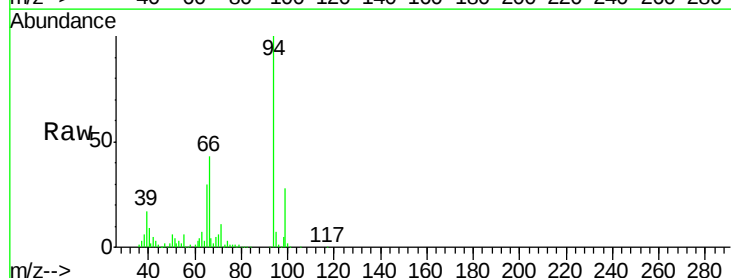
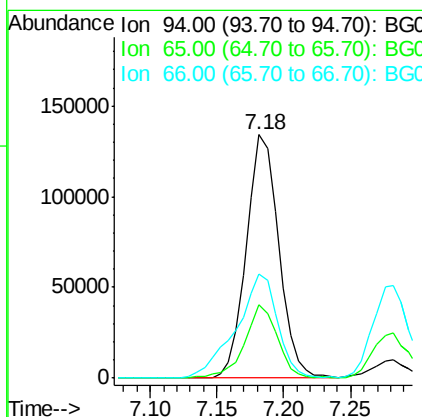
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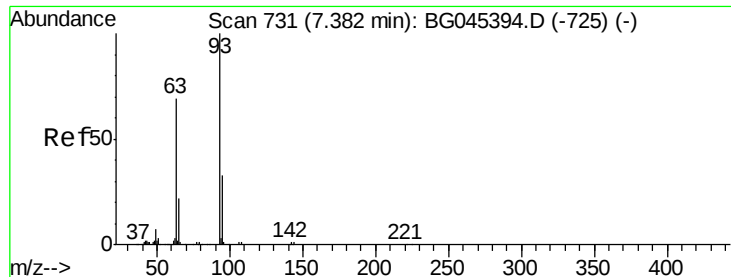
Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	94	Resp:	225211
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.8	49.8
66	42.6	22.0	62.0





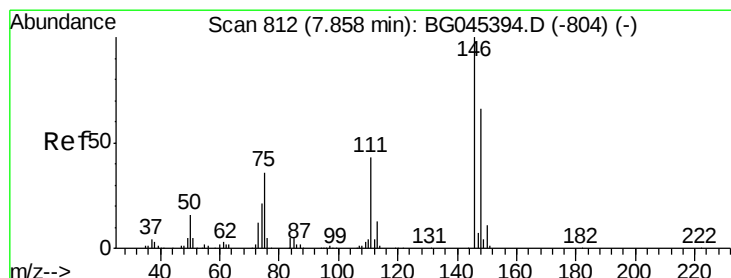
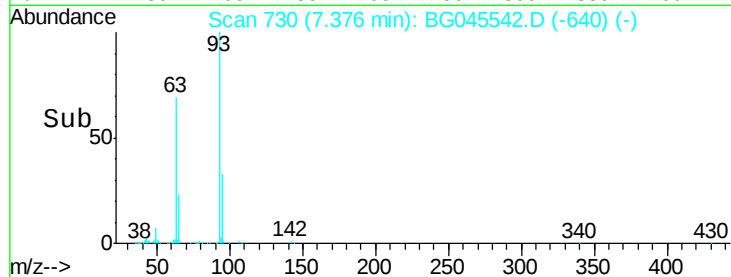
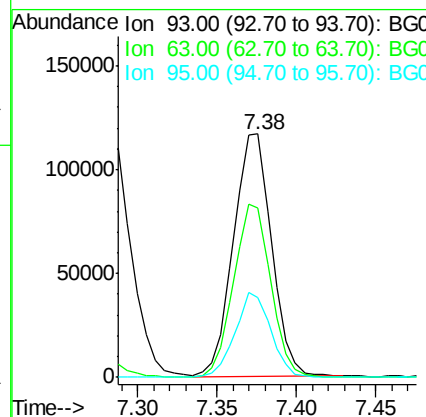
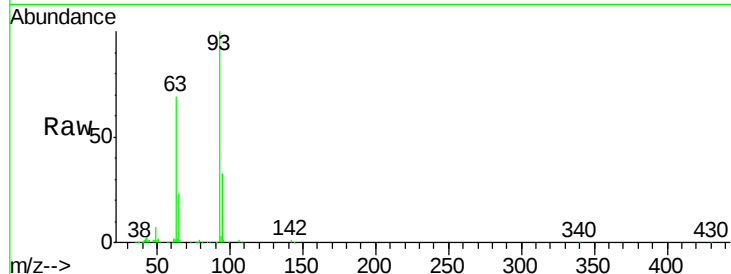
#11
bis(2-Chloroethyl)ether
Concen: 49.33 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194860		
63	69.4	48.4	88.4	
95	32.8	12.4	52.4	

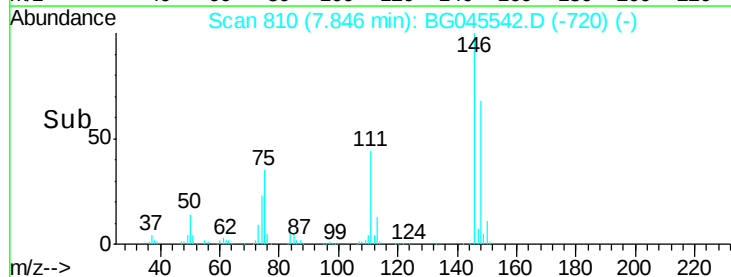
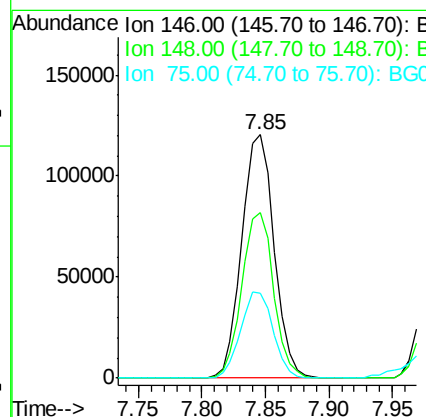
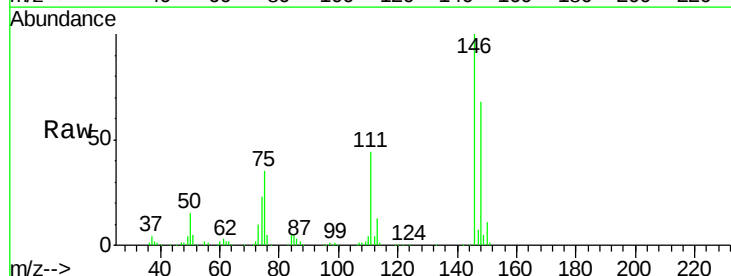
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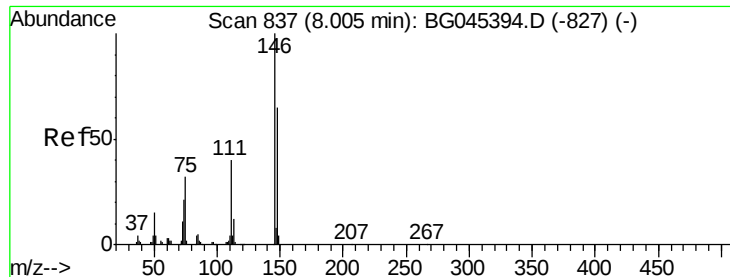
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.95 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213595		
148	68.0	53.2	79.8	
75	34.7	28.6	43.0	





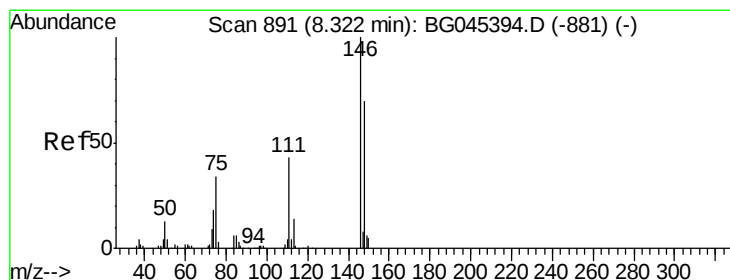
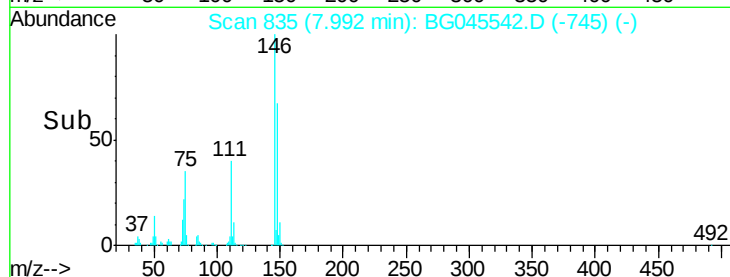
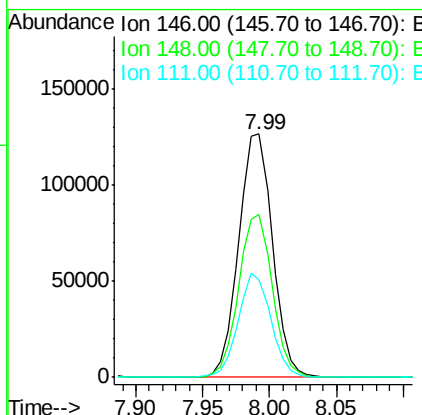
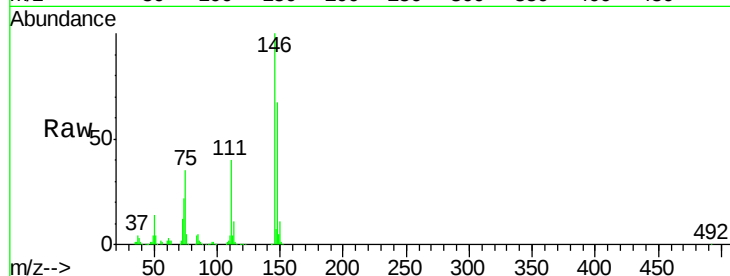
#13
1,4-Dichlorobenzene
Concen: 49.26 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.8	77.8
111	40.1	32.1	48.1

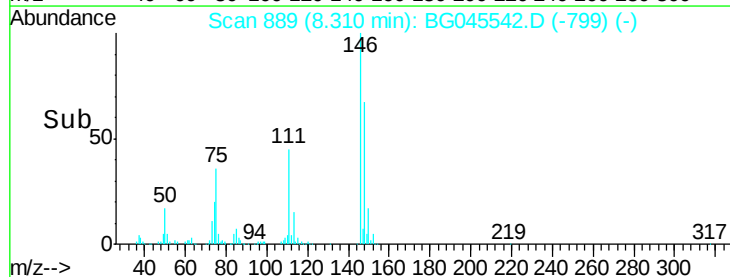
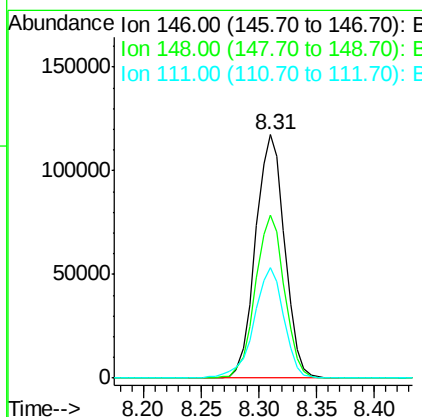
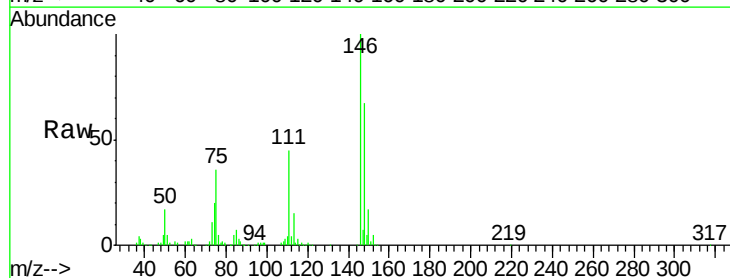
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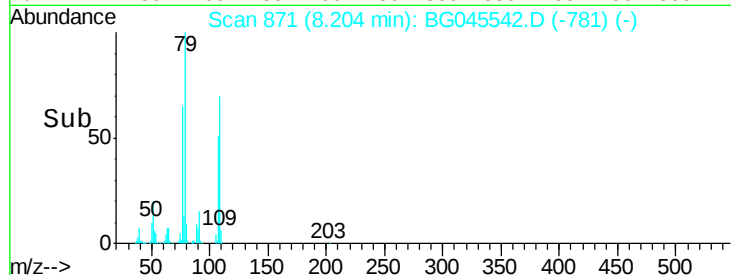
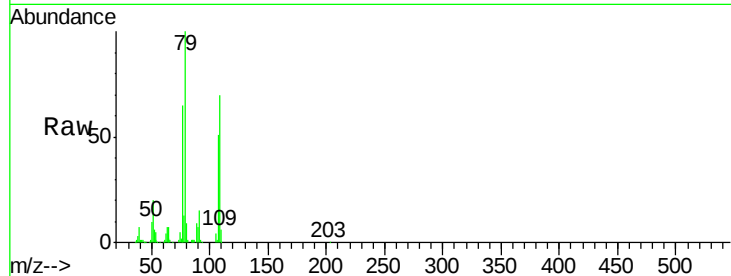
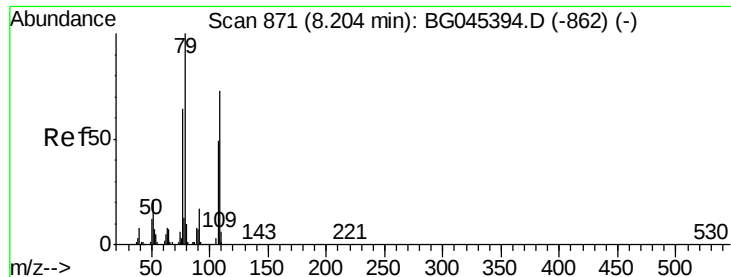
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#14
1,2-Dichlorobenzene
Concen: 47.74 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	55.9	83.9
111	45.2	35.0	52.4





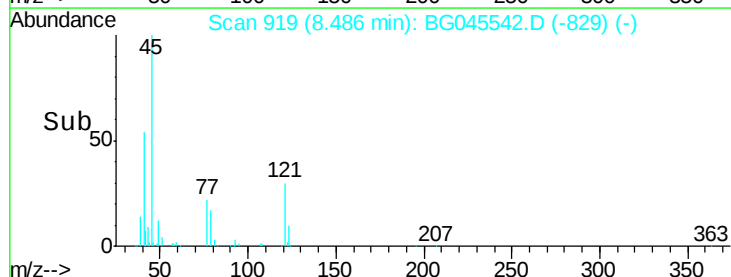
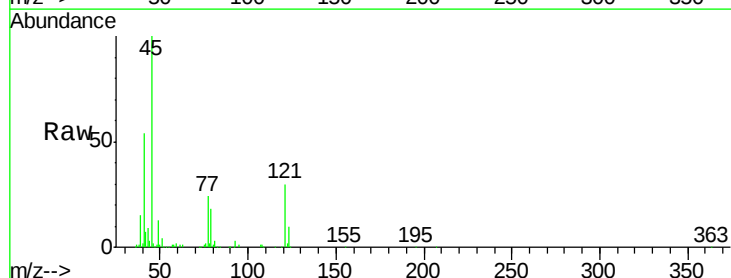
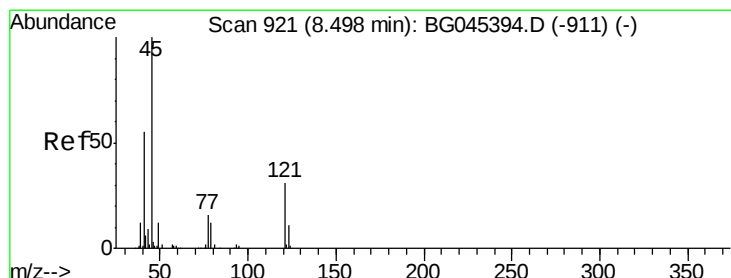
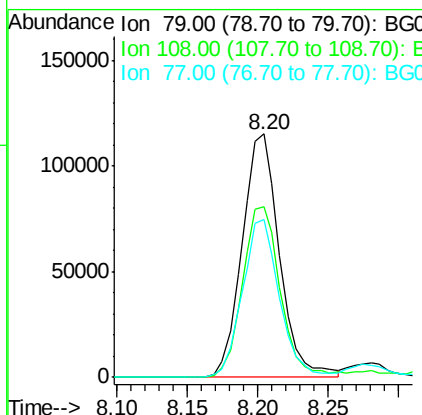
#15
Benzyl Alcohol
Concen: 52.54 ng
RT: 8.20 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.2	58.2	87.4
77	64.9	51.0	76.4

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

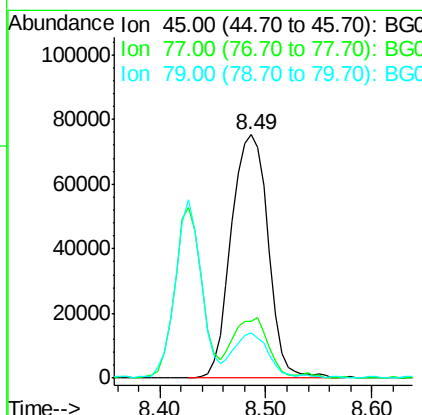
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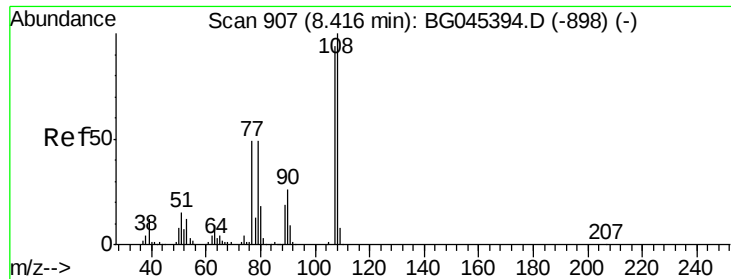
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.75 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	4.0	44.0
79	18.4	0.0	38.6





#17

2-Methylphenol

Concen: 47.94 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

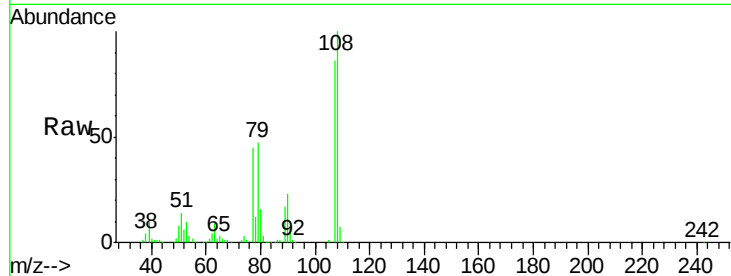
ClientSampleId :

SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	181705		
108	116.6	85.2	127.8	
77	52.1	41.6	62.4	
79	54.5	41.8	62.8	

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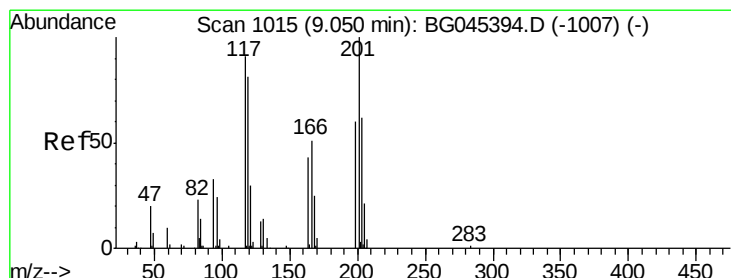
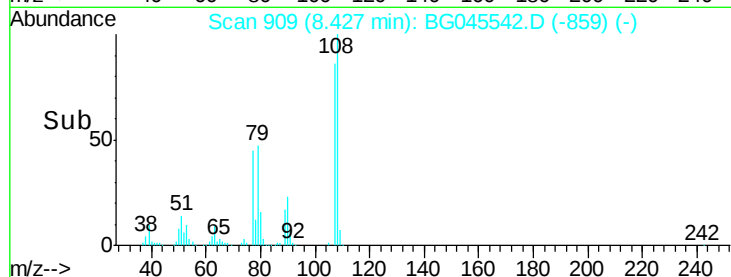
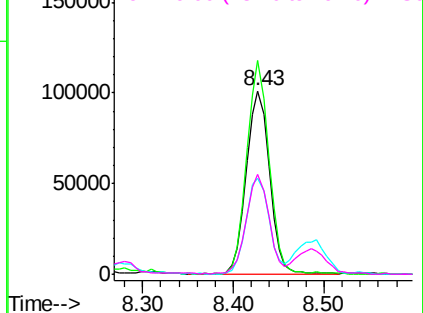


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 49.42 ng

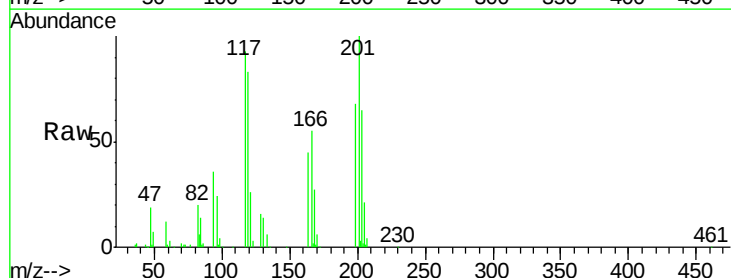
RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

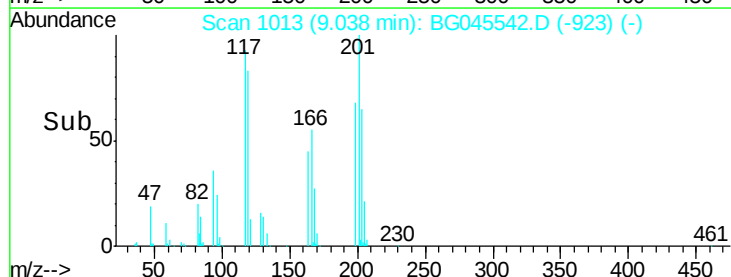
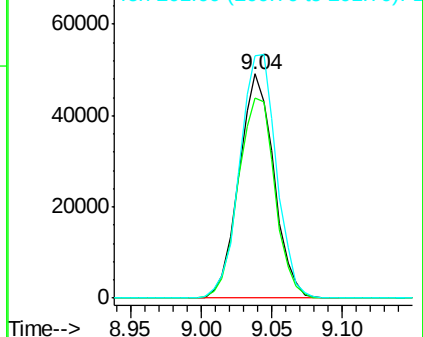
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	84975		
119	89.3	71.3	106.9	
201	108.0	87.5	131.3	

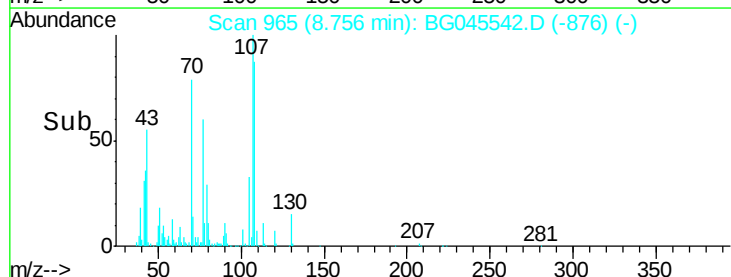
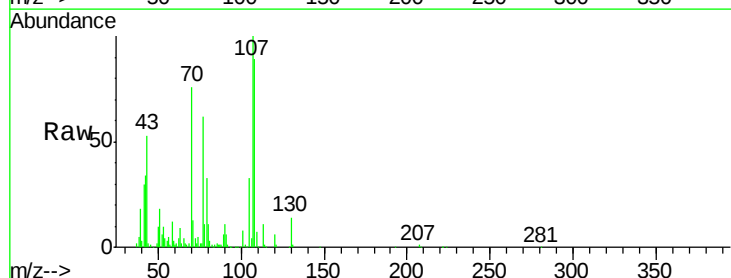
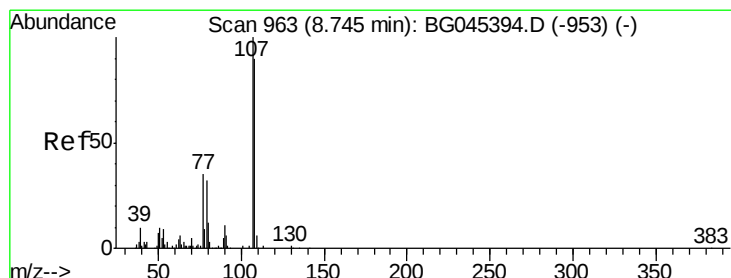
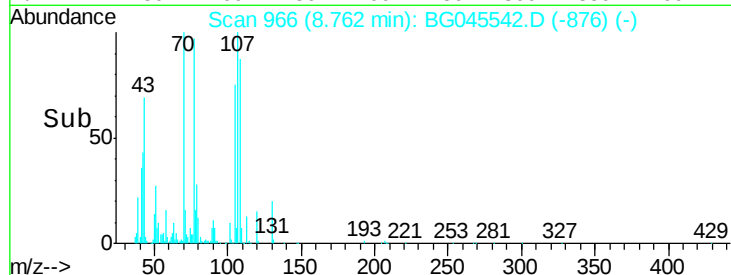
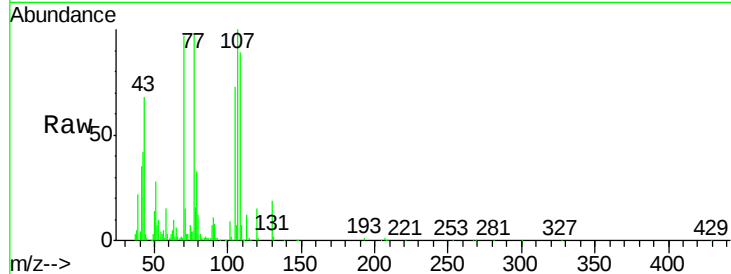
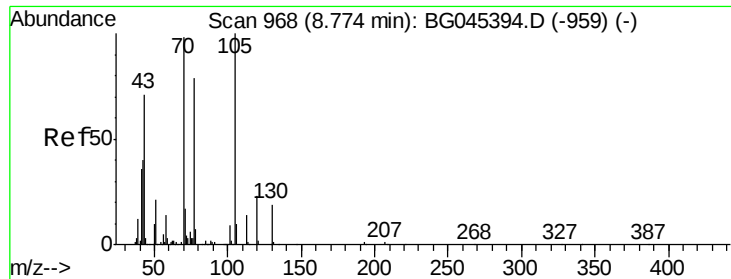


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

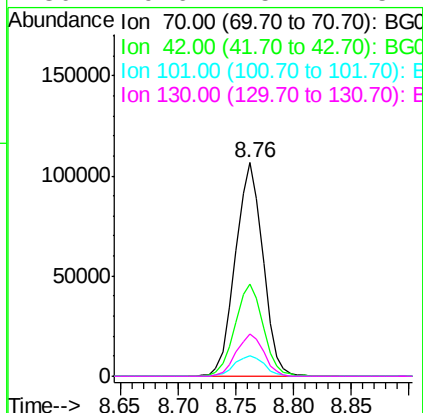
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 51.95 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.2	49.8
101	9.6	7.8	11.6
130	19.6	15.4	23.2



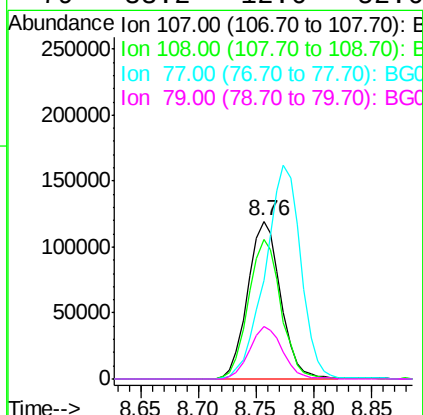
Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

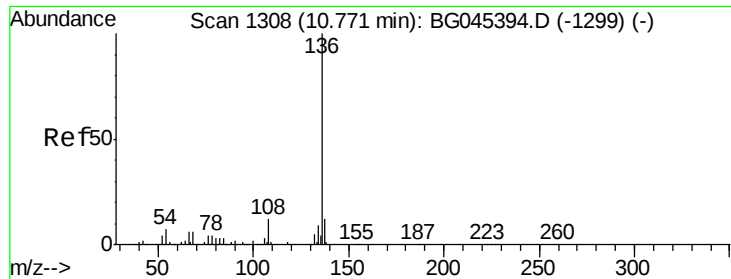
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#20
3+4-Methylphenols
Concen: 46.05 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.3	110.3
77	62.4	15.4	55.4
79	33.2	12.6	52.6





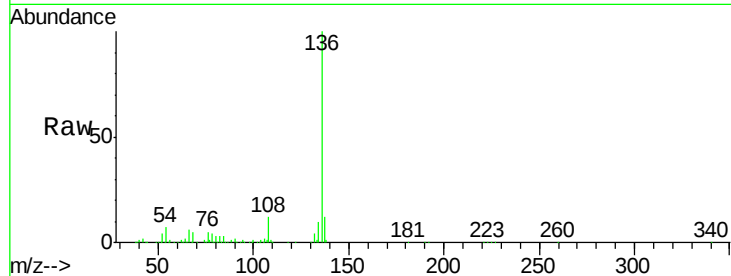
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

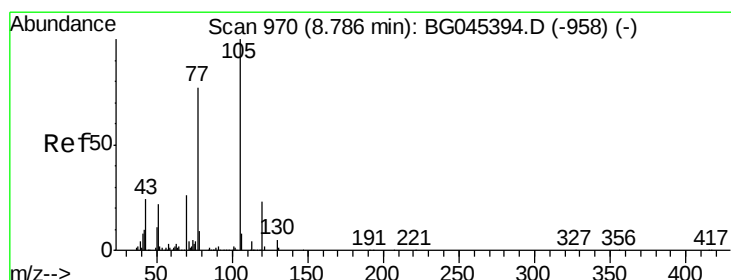
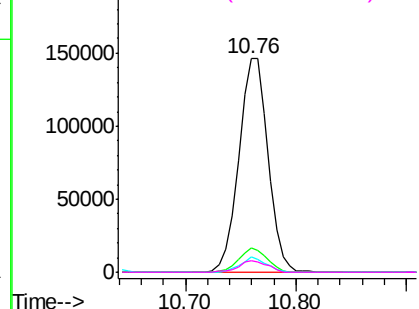
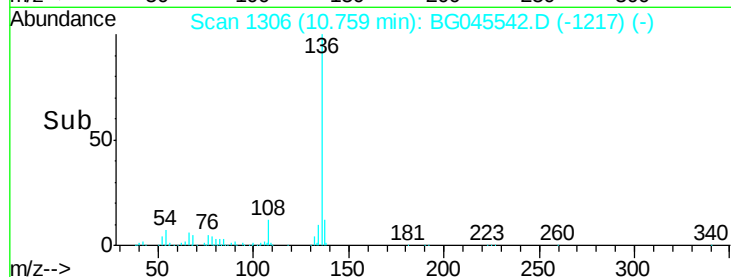
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	271340		
137	11.5	9.4	14.2	
54	7.4	5.8	8.6	
68	5.2	4.5	6.7	

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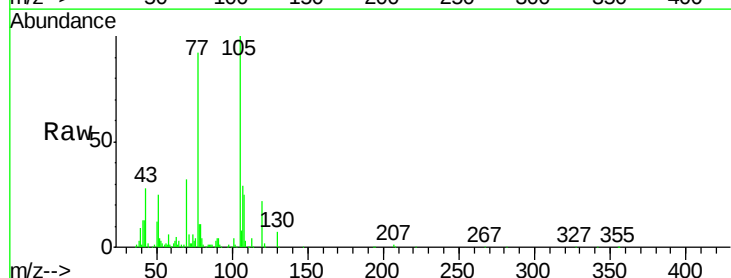


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

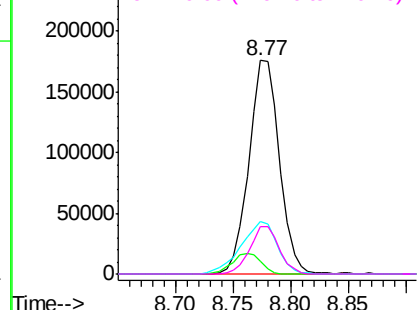
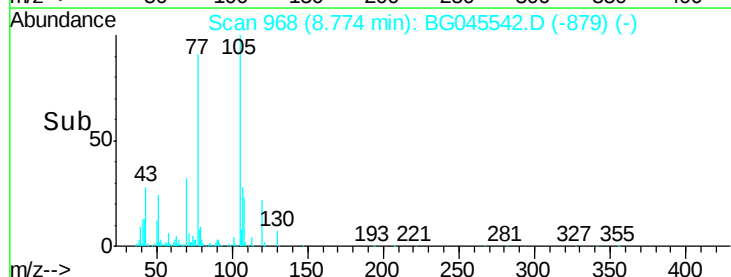


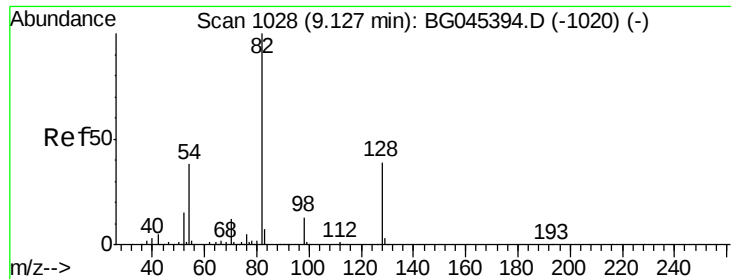
#22
Acetophenone
Concen: 50.25 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323155		
71	6.2	3.4	5.0#	
51	24.7	18.2	27.2	
120	22.4	18.6	27.8	



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





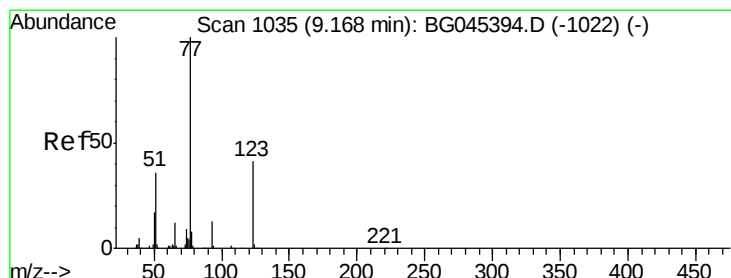
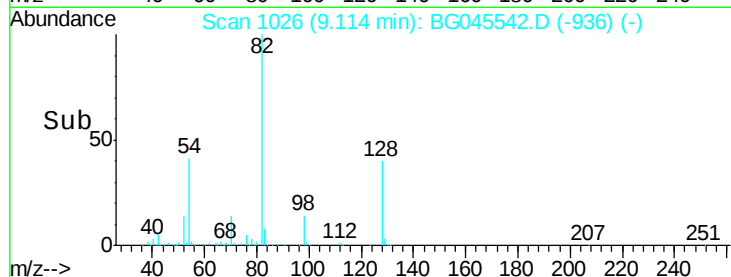
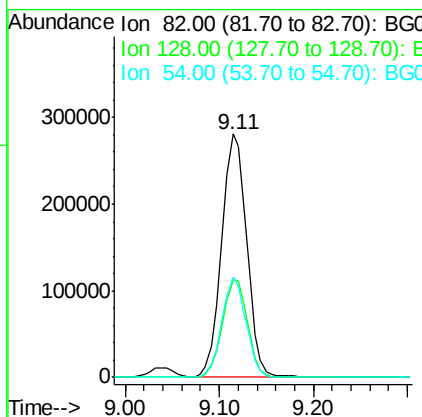
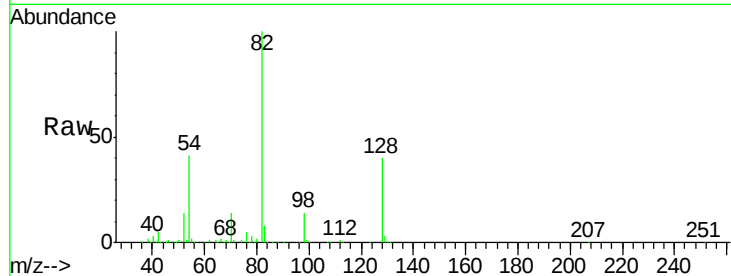
#23
 Nitrobenzene-d5
 Concen: 104.98 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	522356		
128	40.2	30.9	46.3	
54	41.2	30.3	45.5	

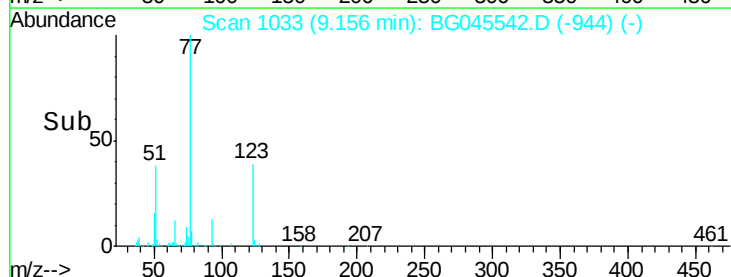
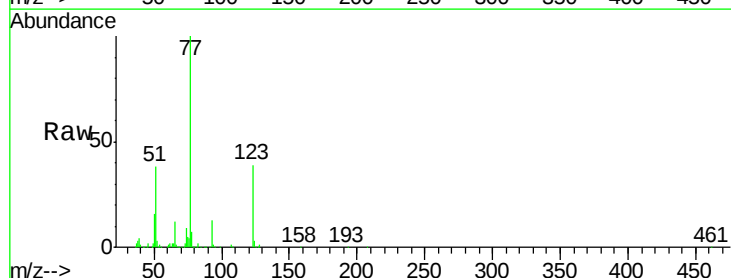
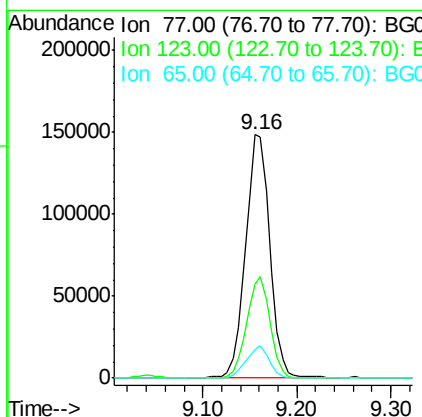
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#24
 Nitrobenzene
 Concen: 49.78 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	265379		
123	38.6	32.9	49.3	
65	11.7	9.4	14.2	





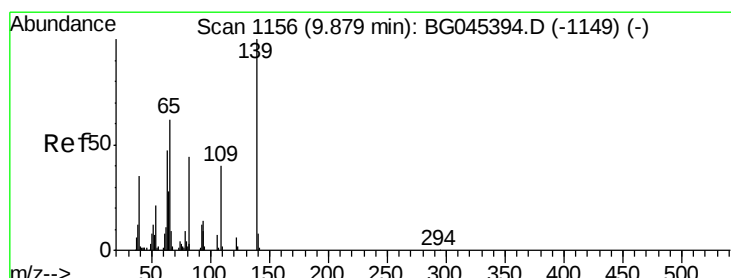
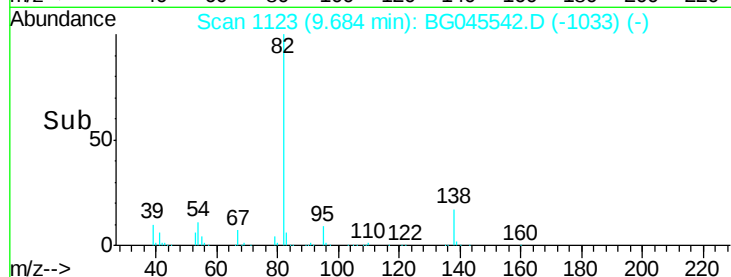
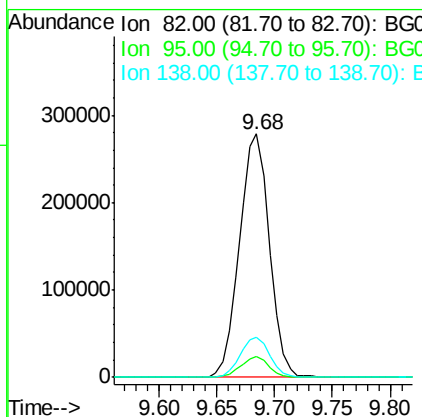
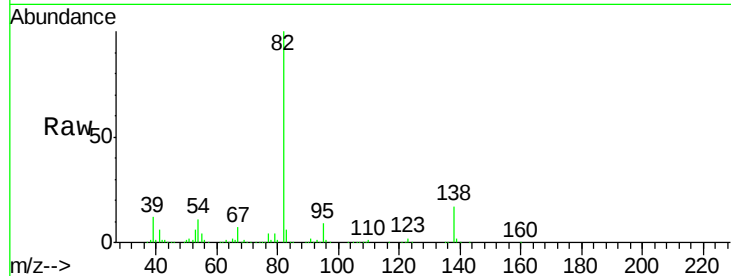
#25
Isophorone
Concen: 50.98 ng
RT: 9.68 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	499570		
95	8.6	6.7	10.1	
138	16.6	12.2	18.4	

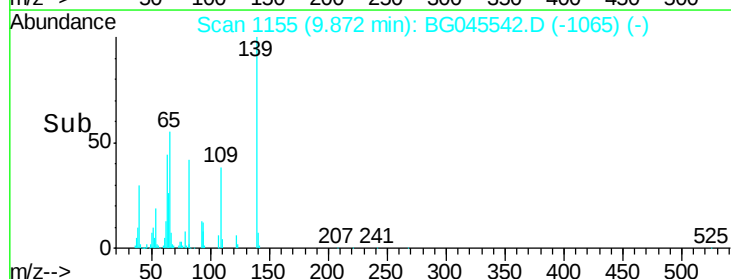
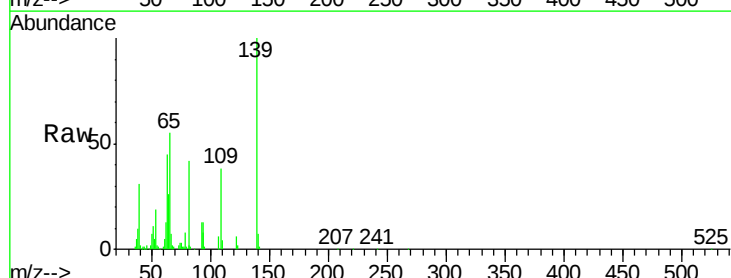
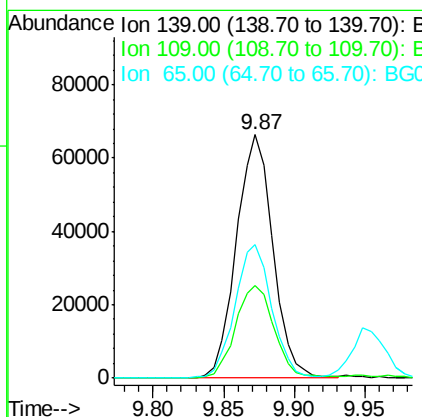
Manual Integrations
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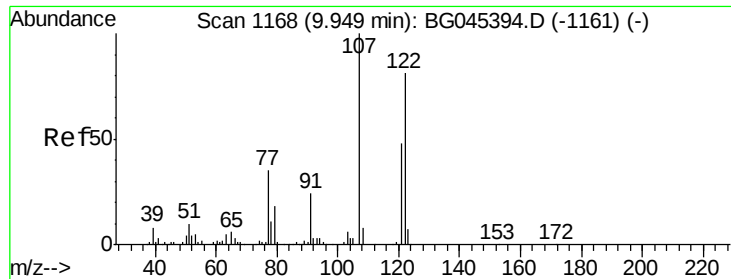
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#26
2-Nitrophenol
Concen: 52.72 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120224		
109	38.3	32.2	48.4	
65	54.9	49.6	74.4	





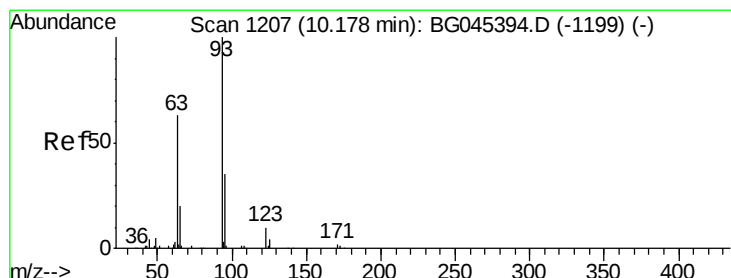
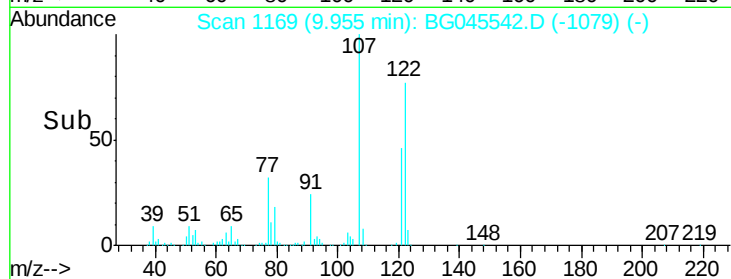
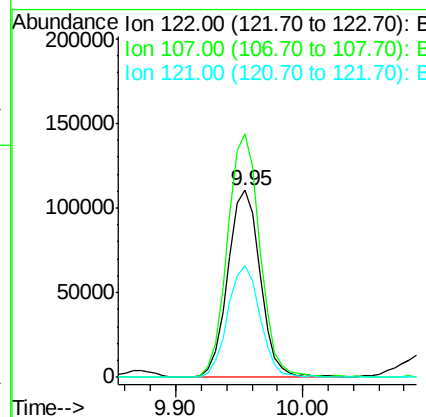
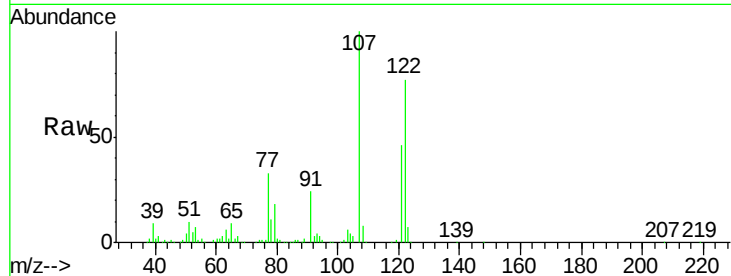
#27
 2,4-Dimethylphenol
 Concen: 57.89 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	195799		
107	130.3	99.0	148.4	
121	59.8	47.7	71.5	

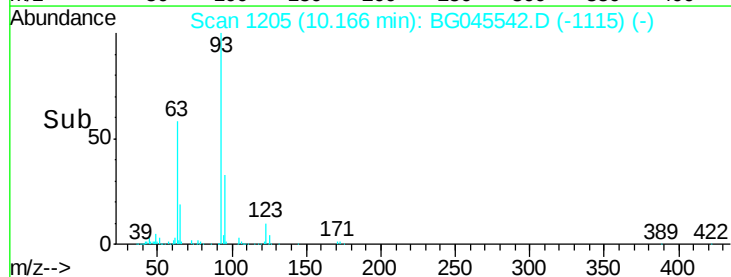
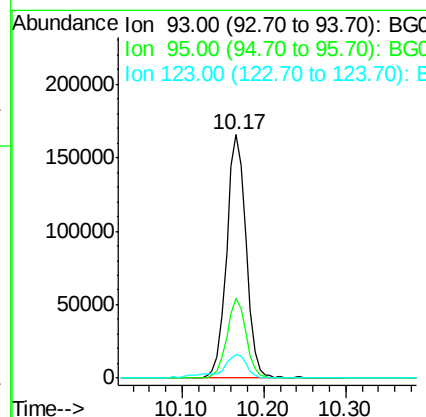
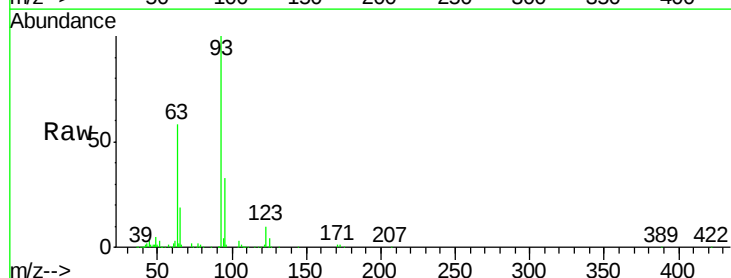
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.43 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	274592		
95	32.9	27.6	41.4	
123	9.6	8.1	12.1	





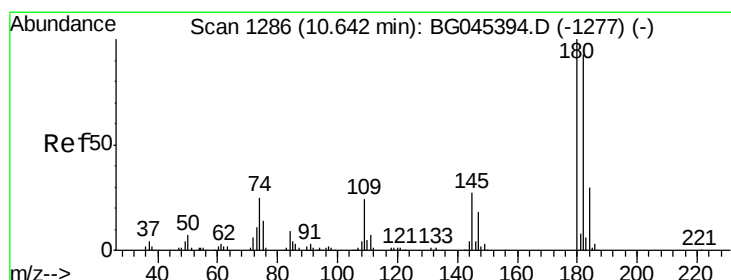
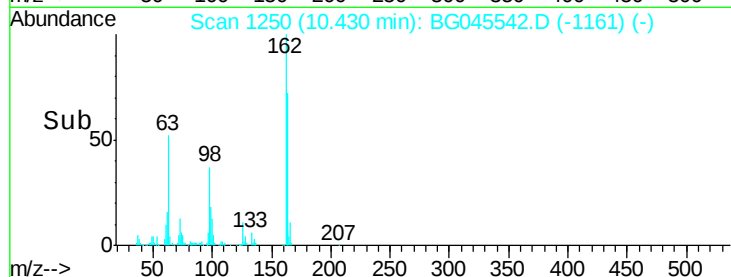
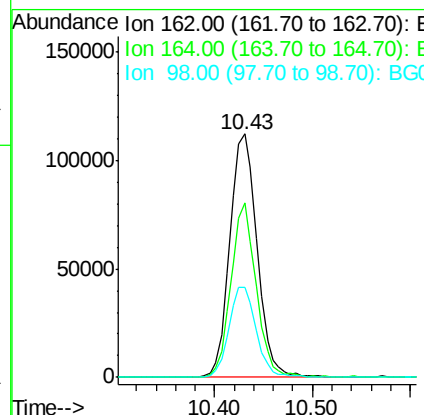
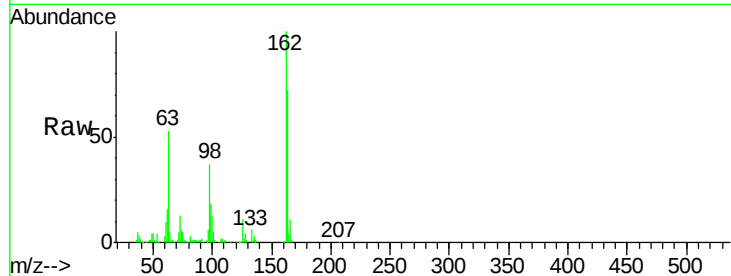
#29
 2,4-Dichlorophenol
 Concen: 54.69 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	71.9	46.8	86.8
98	37.1	15.2	55.2

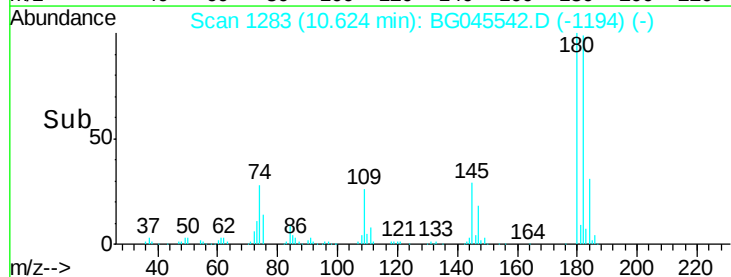
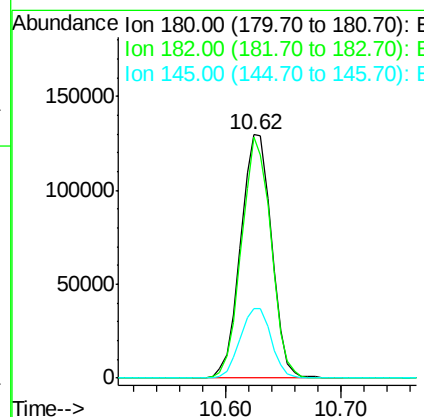
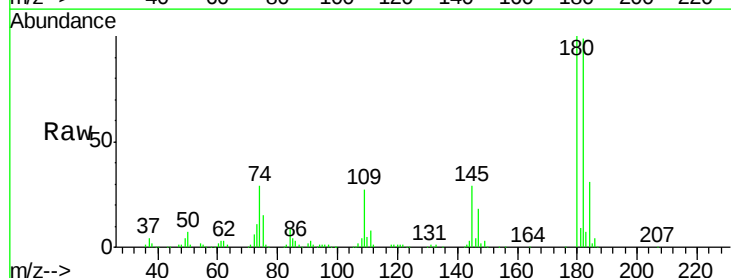
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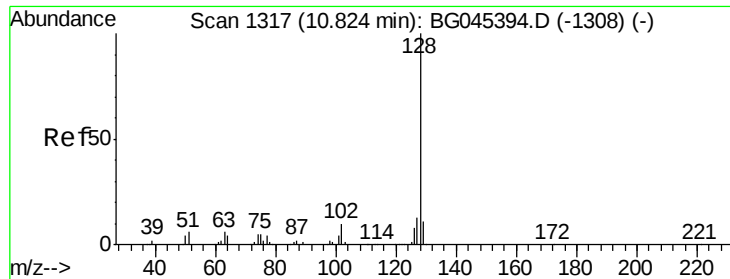
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.93 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.9	74.8	112.2
145	28.8	21.9	32.9





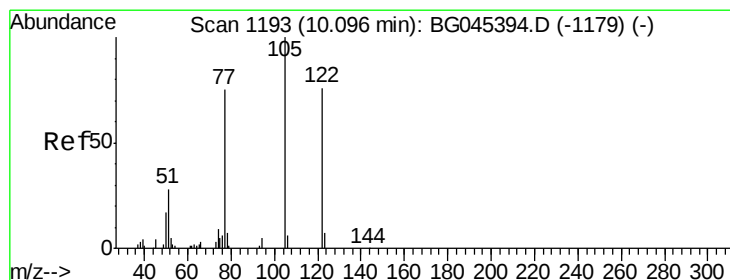
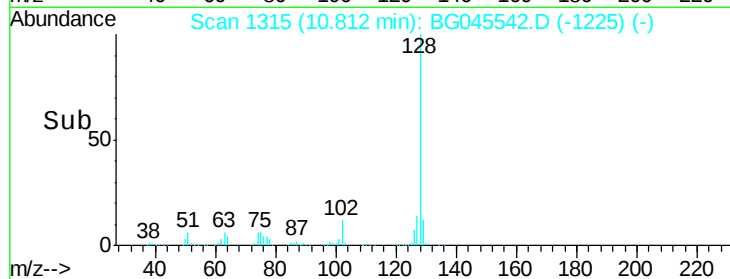
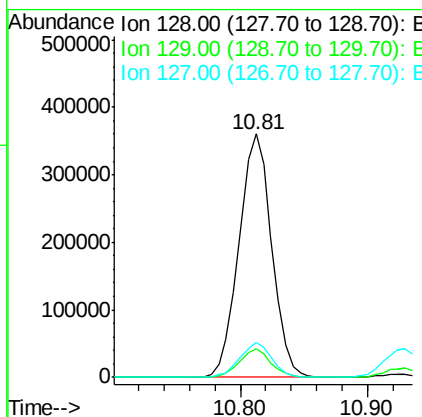
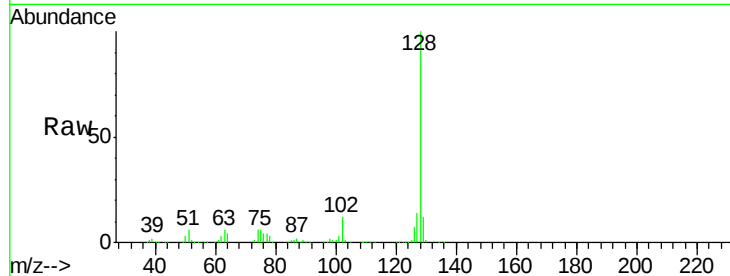
#31
Naphthalene
Concen: 50.99 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.6	9.0	13.6
127	14.2	10.7	16.1

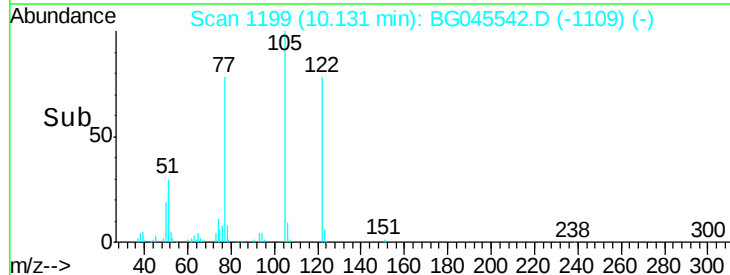
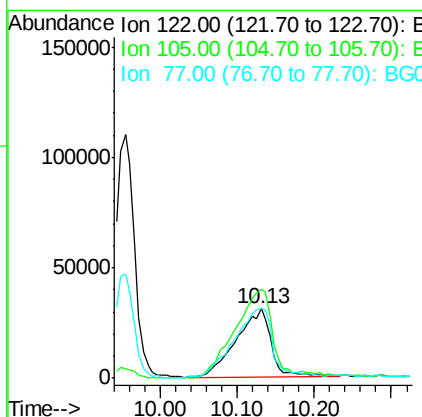
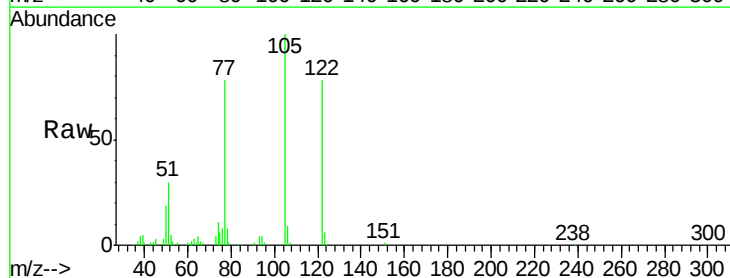
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#32
Benzoic acid
Concen: 43.88 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.3	107.9	147.9
77	100.5	78.9	118.9





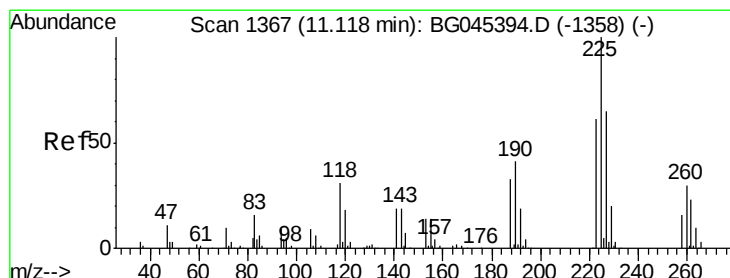
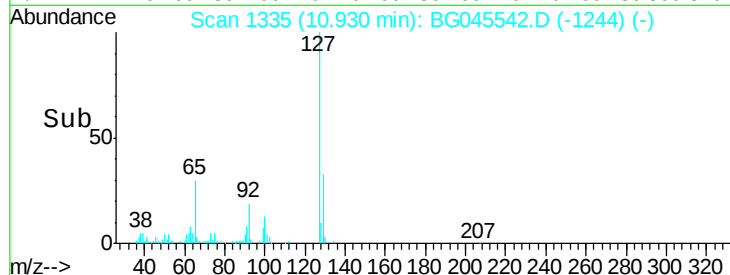
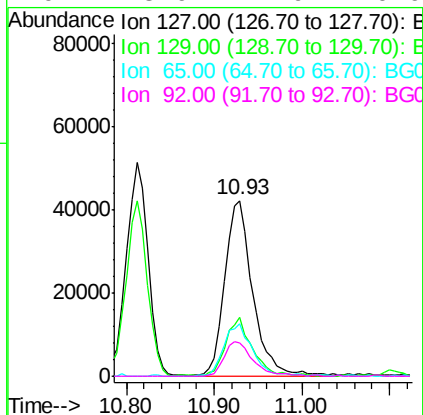
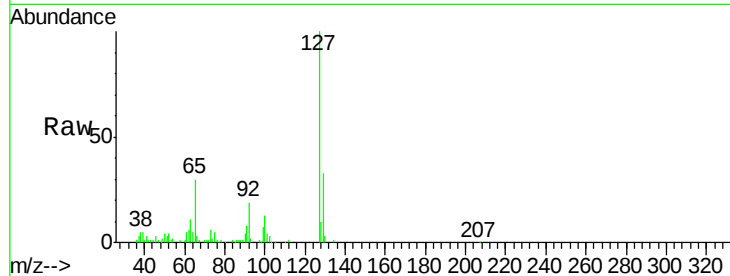
#33
4-Chloroaniline
Concen: 17.59 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	92989		
129	33.4	24.7	37.1	
65	29.6	26.2	39.2	
92	18.9	17.9	26.9	

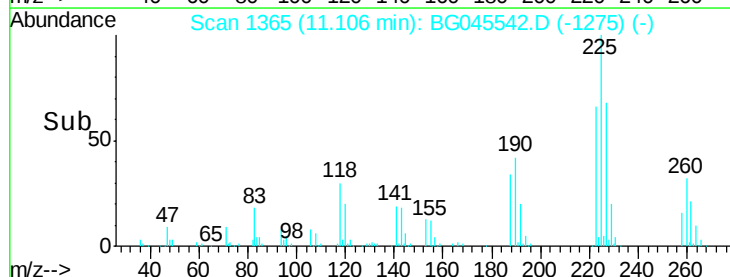
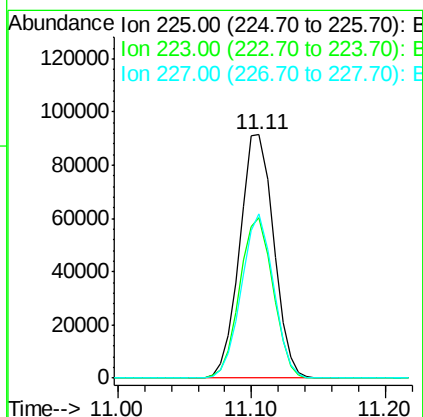
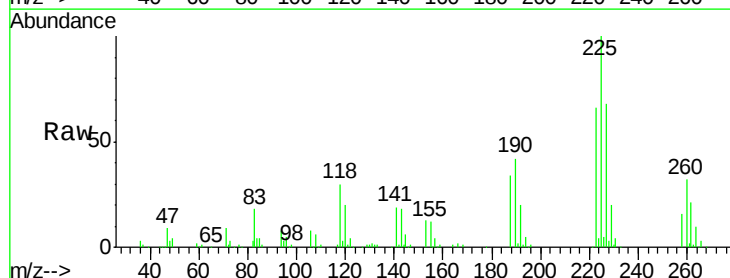
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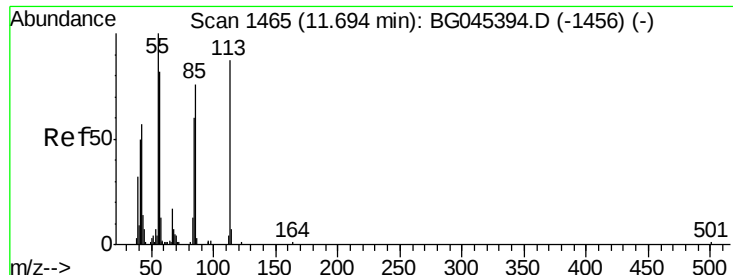
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#34
Hexachlorobutadiene
Concen: 48.47 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161708		
223	66.0	49.1	73.7	
227	67.6	52.0	78.0	





#35

Caprolactam

Concen: 41.43 ng m

RT: 11.70 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

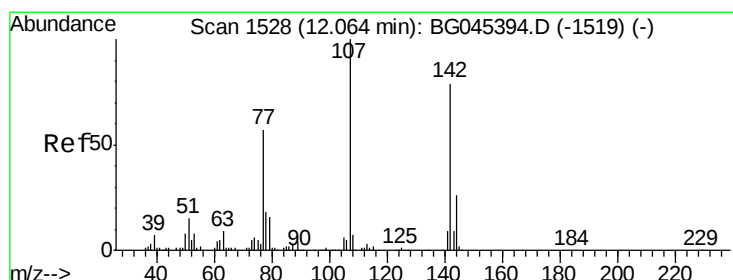
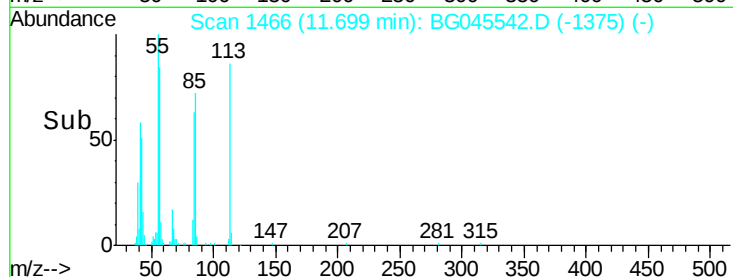
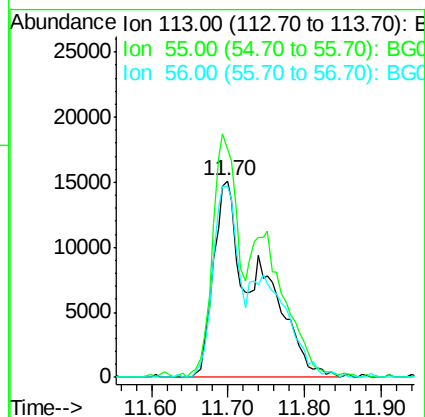
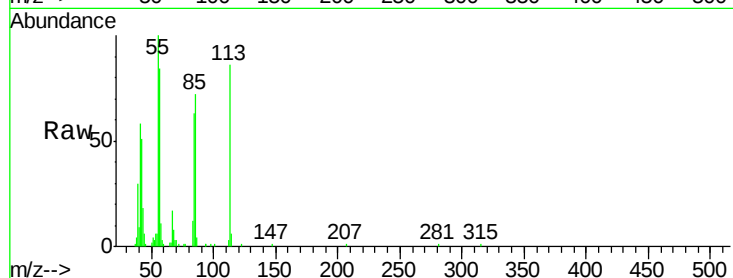
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	113	Resp:	60734
Ion Ratio	Lower	Upper	
113	100		
55	116.1	96.0	136.0
56	97.5	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 54.99 ng

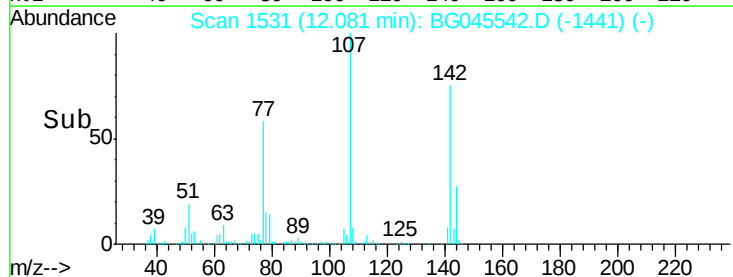
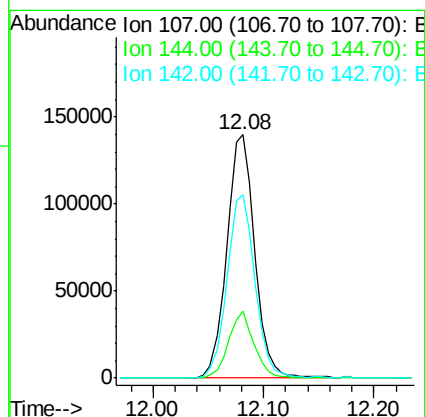
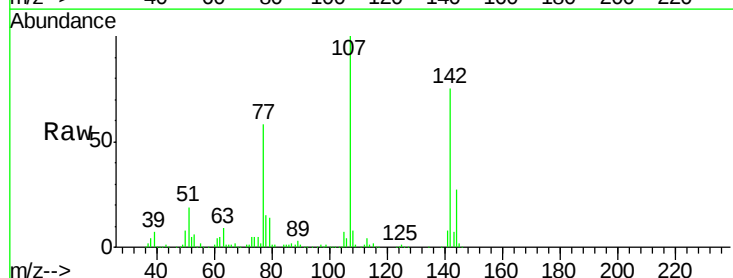
RT: 12.08 min Scan# 1531

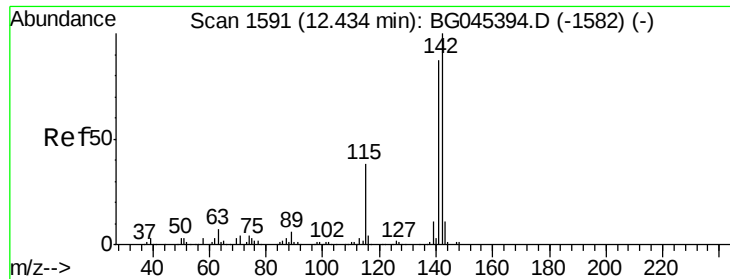
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	107	Resp:	247523
Ion Ratio	Lower	Upper	
107	100		
144	27.4	20.8	31.2
142	75.1	62.8	94.2





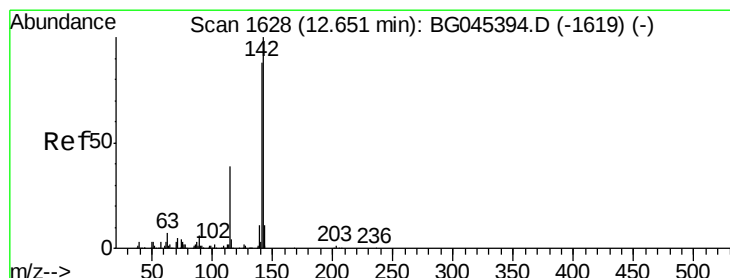
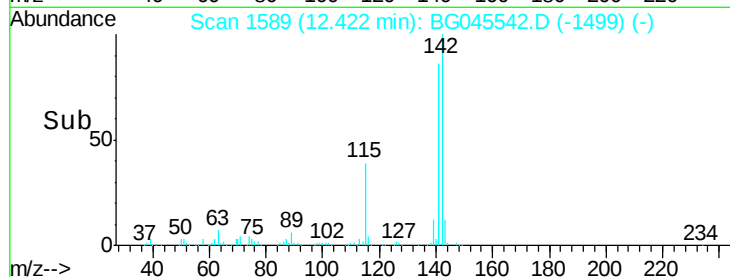
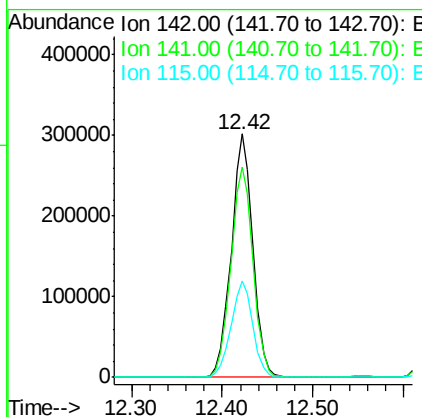
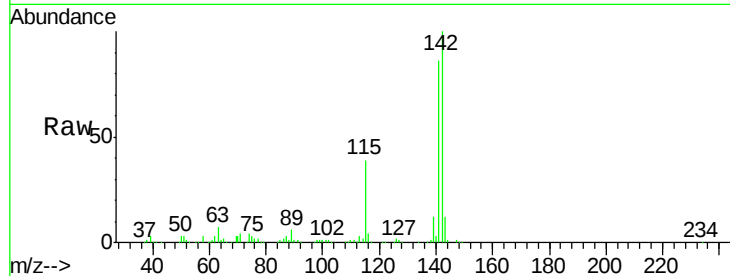
#37
2-Methylnaphthalene
Concen: 53.08 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.0	105.0
115	39.4	30.8	46.2

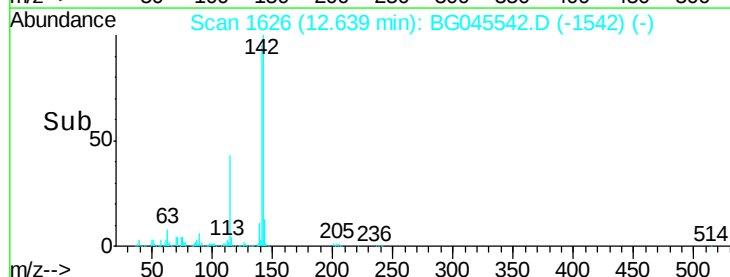
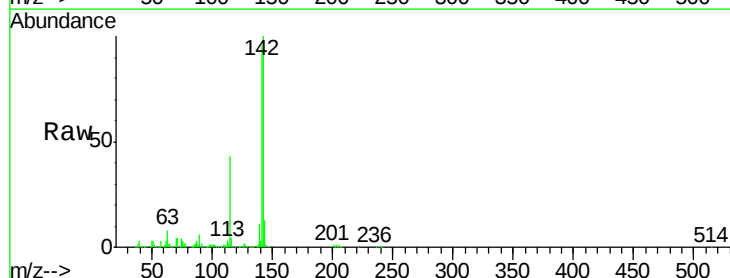
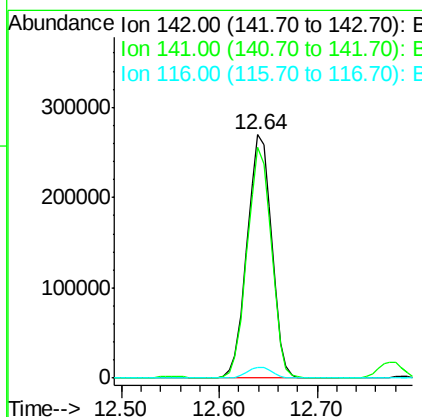
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#38
1-Methylnaphthalene
Concen: 52.77 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	70.8	106.2
116	4.4	3.0	4.6





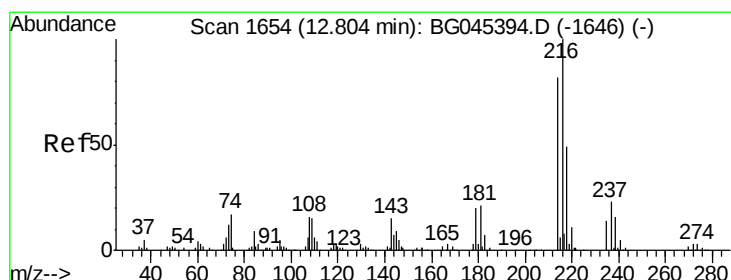
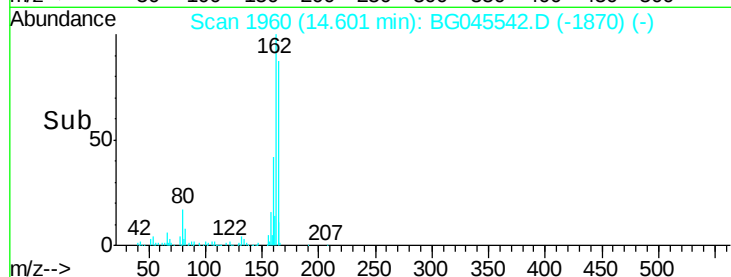
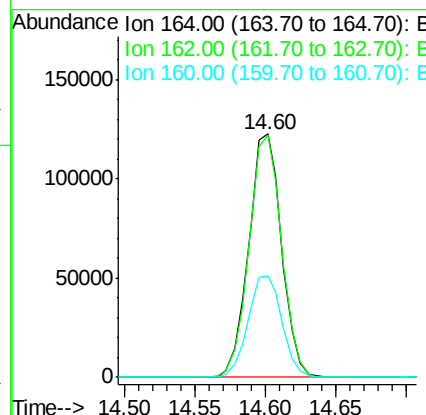
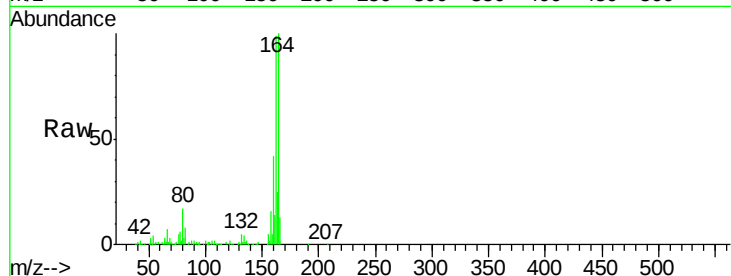
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	76.9	115.3
160	41.6	33.8	50.8

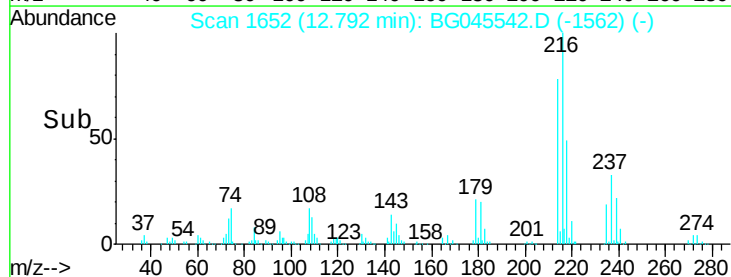
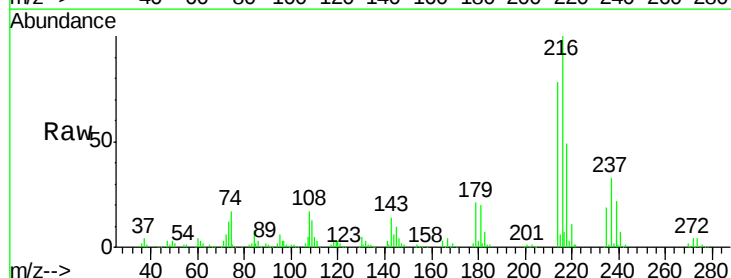
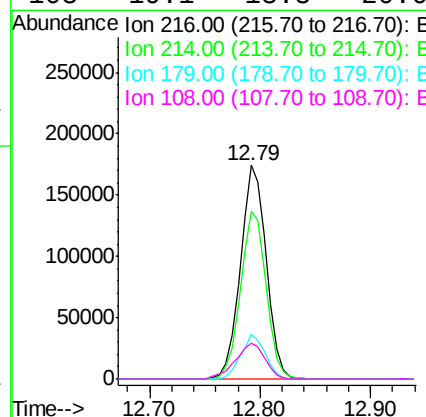
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.19 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.7	95.5
179	19.9	16.1	24.1
108	19.1	13.8	20.6





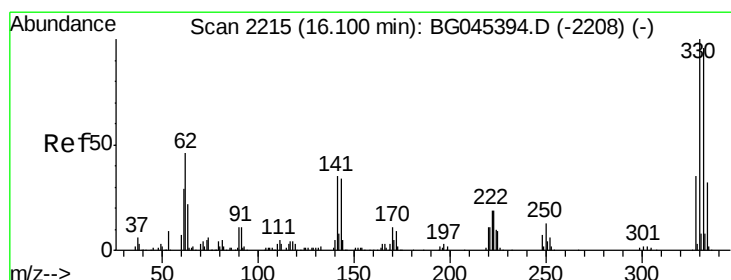
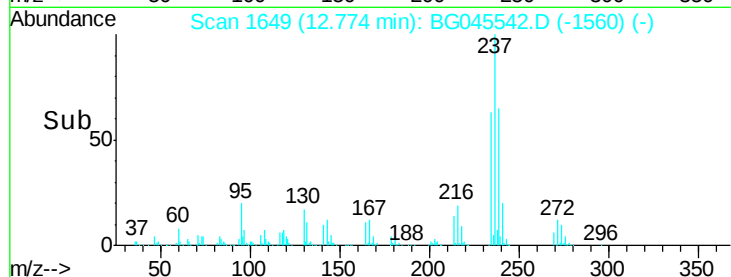
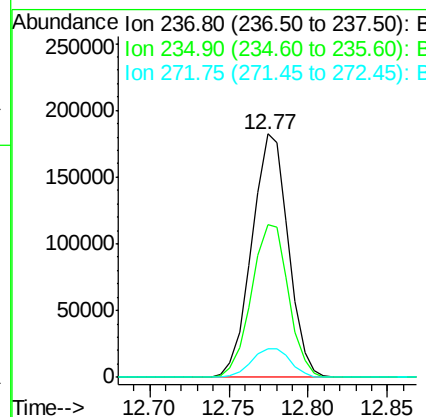
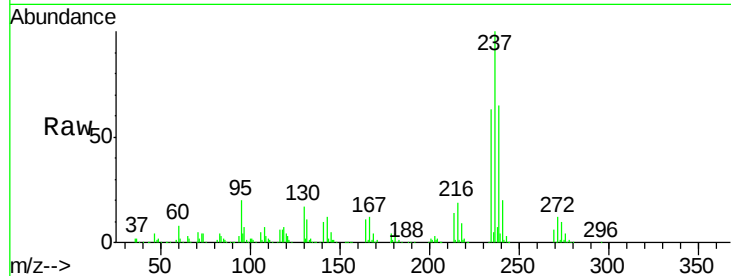
#41
Hexachlorocyclopentadiene
Concen: 90.59 ng
RT: 12.77 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	44.4	84.4
272	11.8	0.0	32.5

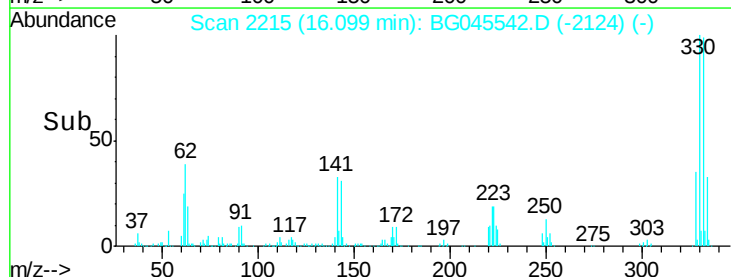
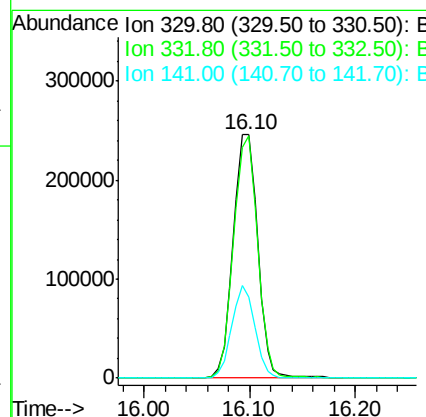
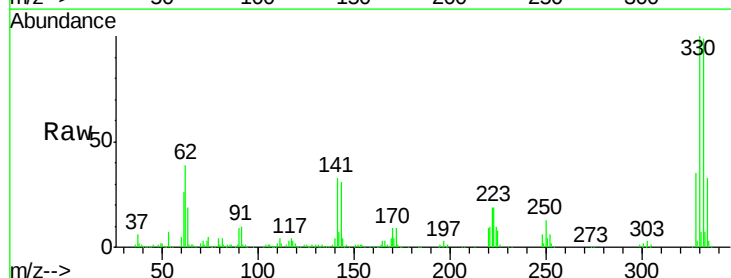
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#42
2,4,6-Tribromophenol
Concen: 154.65 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.6	78.2	117.4
141	35.9	28.2	42.4





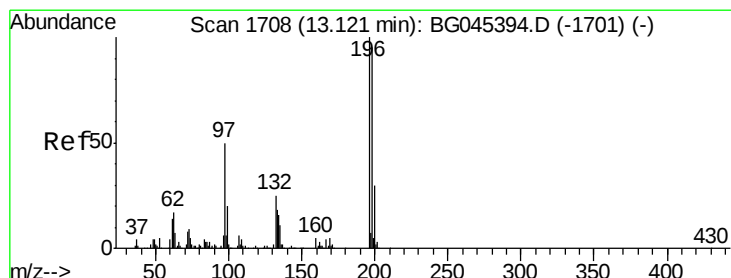
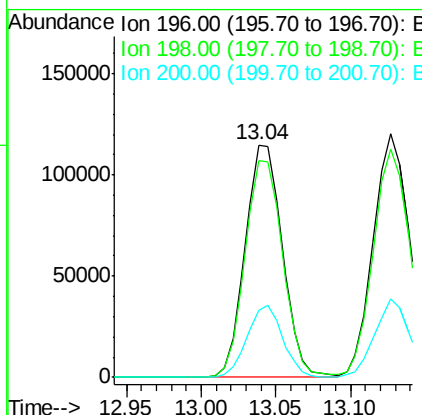
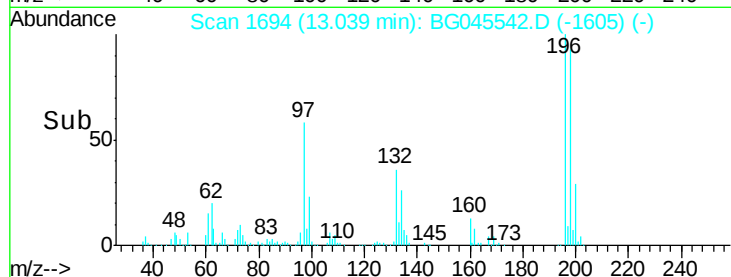
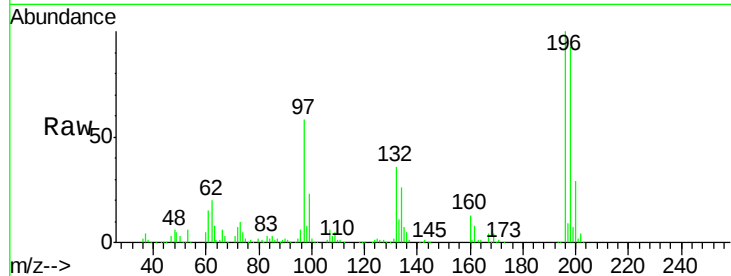
#43
 2,4,6-Trichlorophenol
 Concen: 51.21 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion:	196	Resp:	198164
Ion Ratio	Lower	Upper	
196	100		
198	93.3	76.7	115.1
200	28.9	24.9	37.3

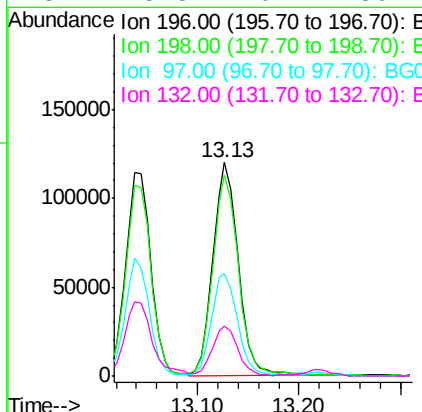
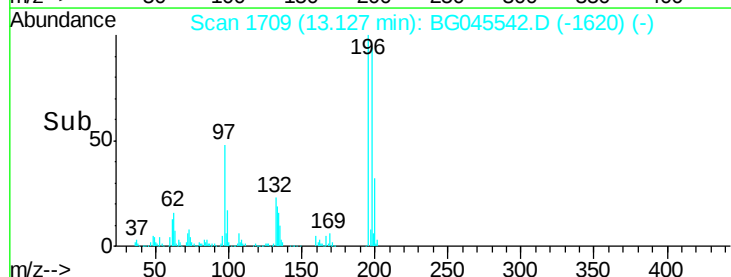
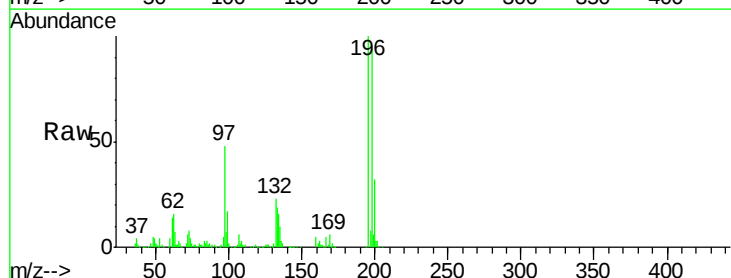
Manual Integrations
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 6/1/2020 12:22:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.32 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion:	196	Resp:	209245
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.1	114.1
97	47.9	40.0	60.0
132	23.3	20.2	30.2





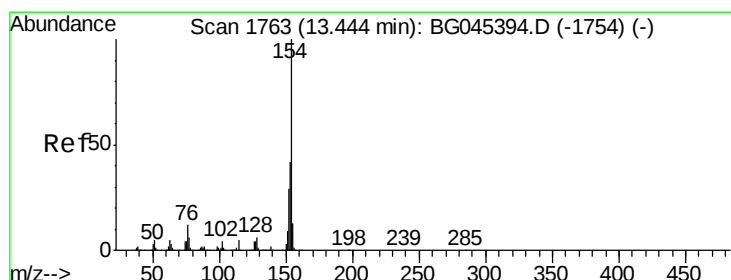
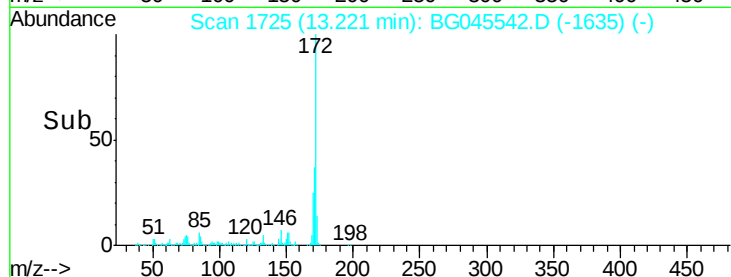
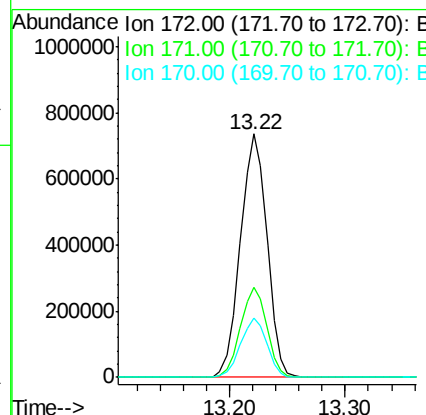
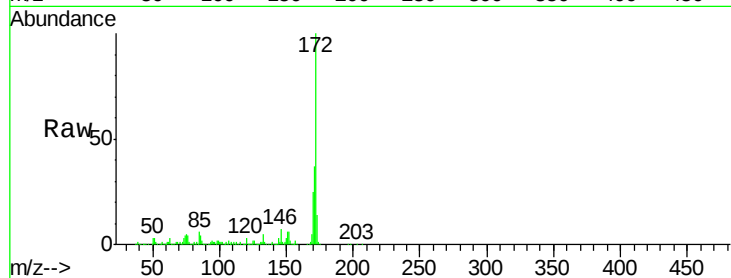
#45
2-Fluorobiphenyl
Concen: 99.74 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.6	18.5	27.7

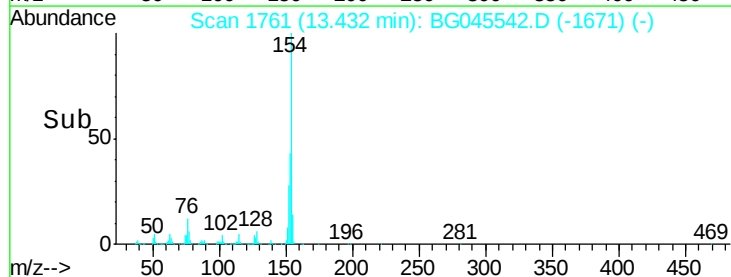
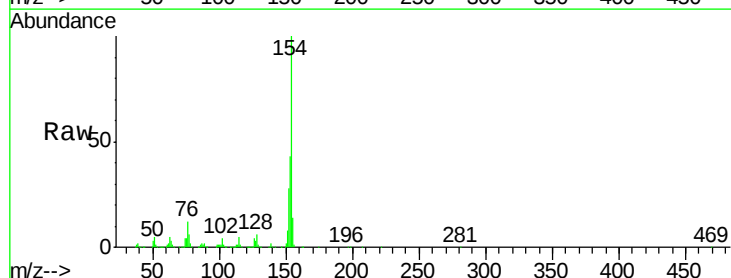
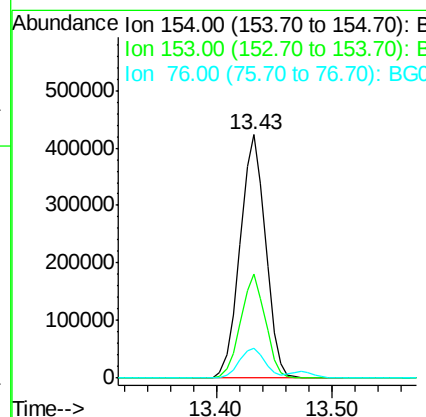
Manual Integrations
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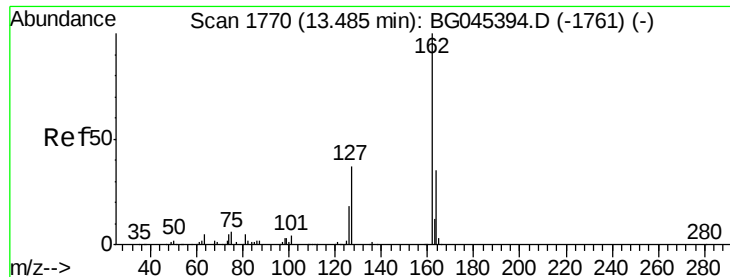
mohammad
6/1/2020 12:22:55 PM



#46
1,1'-Biphenyl
Concen: 52.83 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.2	62.2
76	12.1	0.0	32.4





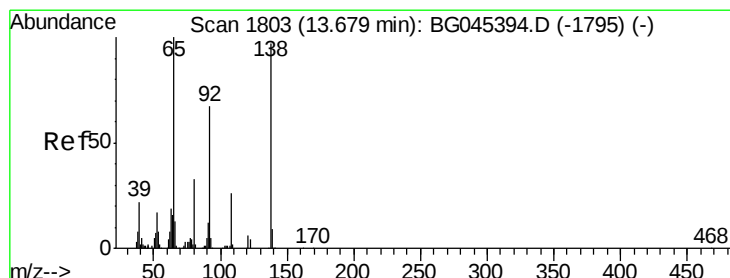
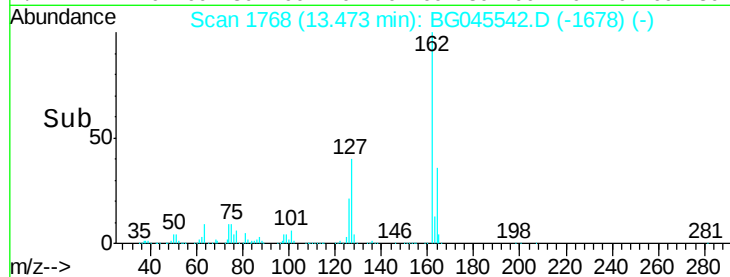
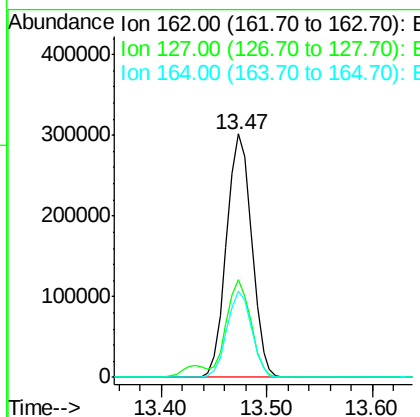
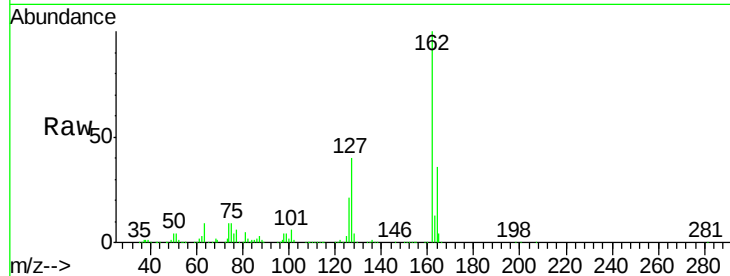
#47
2-Chloronaphthalene
Concen: 50.07 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	498204		
127	39.9	31.6	47.4	
164	35.5	28.1	42.1	

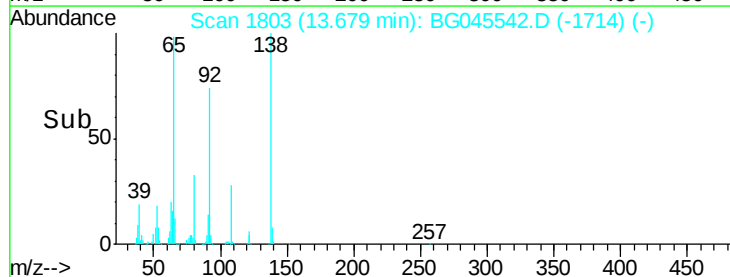
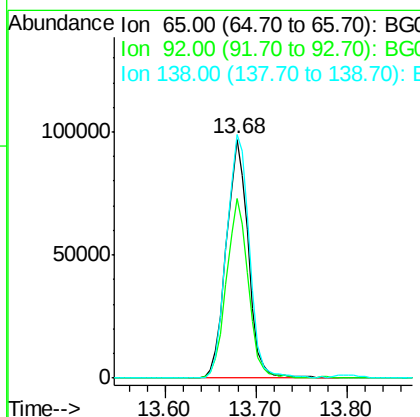
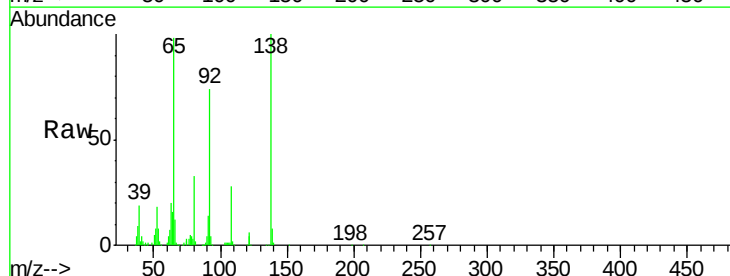
Manual Integrations
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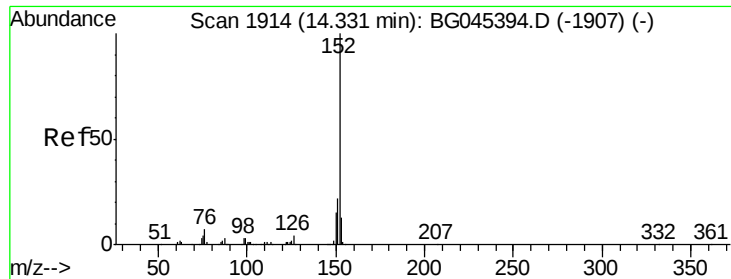
mohammad
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#48
2-Nitroaniline
Concen: 49.93 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	163446		
92	75.5	53.8	80.8	
138	102.0	77.9	116.9	





#49

Acenaphthylene

Concen: 51.02 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

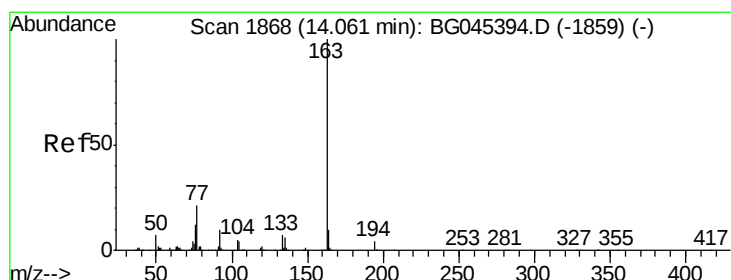
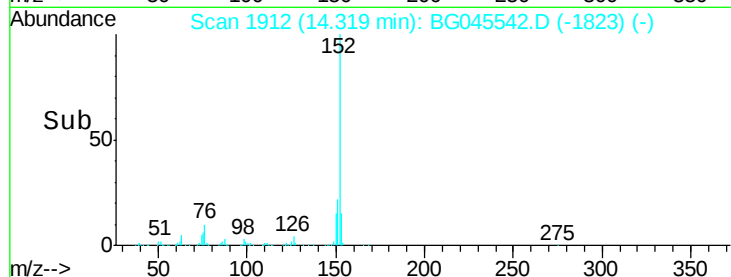
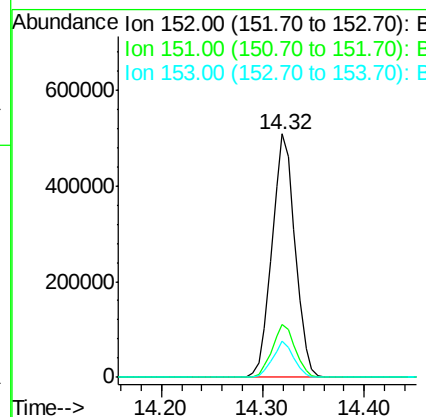
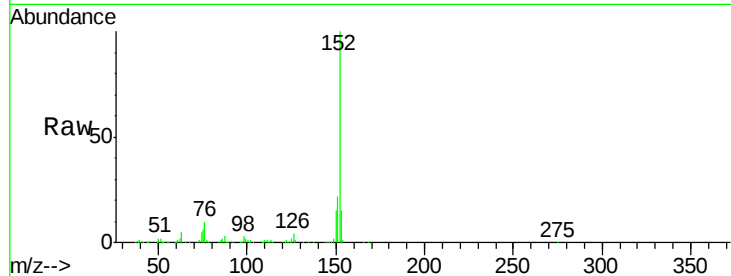
ClientSampleId :

SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	815536		
151	21.6		17.4	26.2
153	14.8		10.7	16.1

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#50

Dimethylphthalate

Concen: 62.18 ng

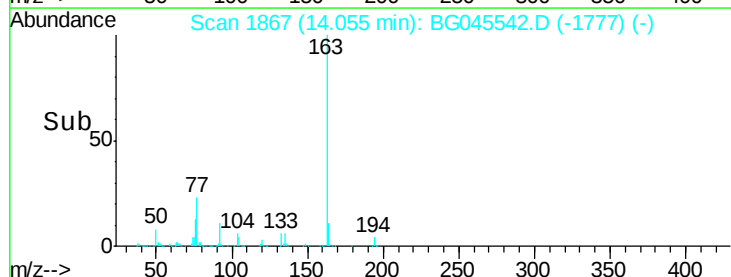
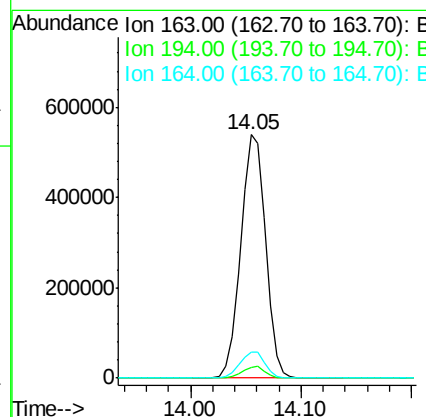
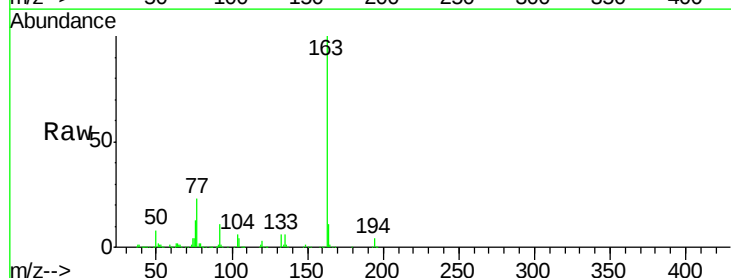
RT: 14.05 min Scan# 1867

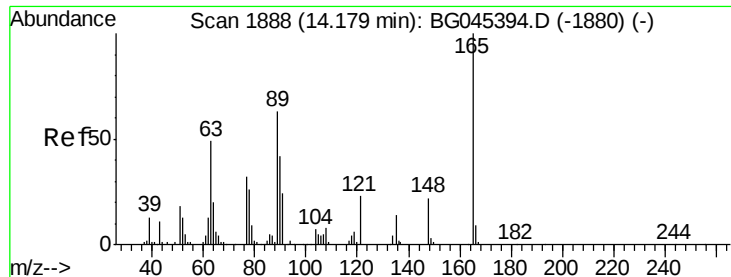
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	850638		
194	4.4		3.2	4.8
164	10.8		8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 50.53 ng

RT: 14.17 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

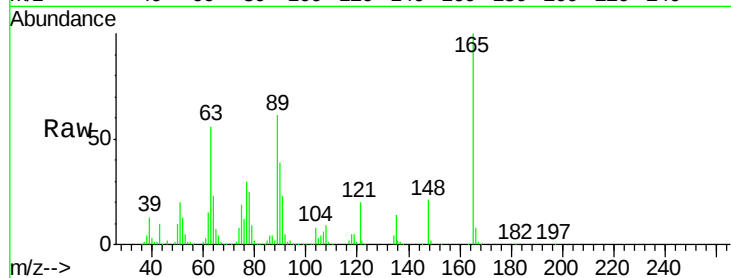
ClientSampleId :

SU-01-052720MSD

Tgt Ion:	165	Resp:	155986
Ion Ratio	Lower	Upper	
165	100		
63	55.8	45.0	67.4
89	60.8	50.2	75.4

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.17

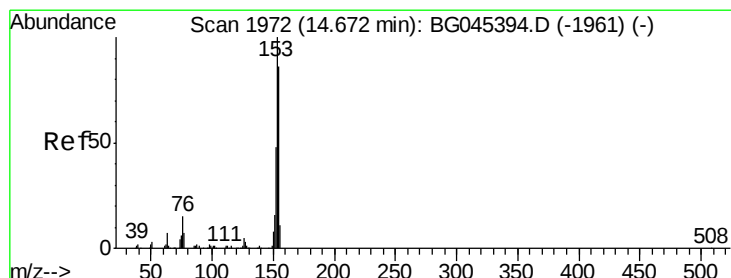
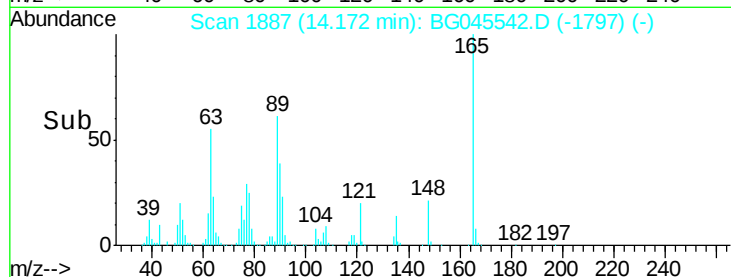
100000

50000

0

14.10 14.15 14.20 14.25

Time-->



#52

Acenaphthene

Concen: 56.78 ng m

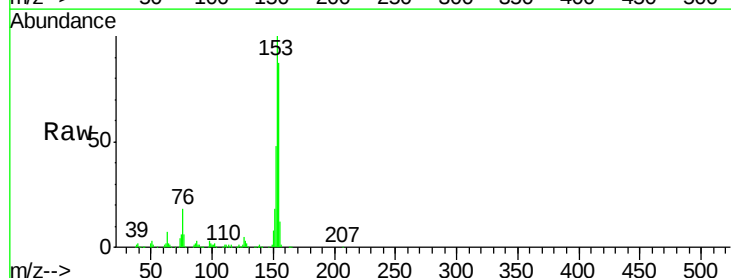
RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	154	Resp:	607518
Ion Ratio	Lower	Upper	
154	100		
153	114.8	92.8	139.2
152	55.1	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.67

400000

300000

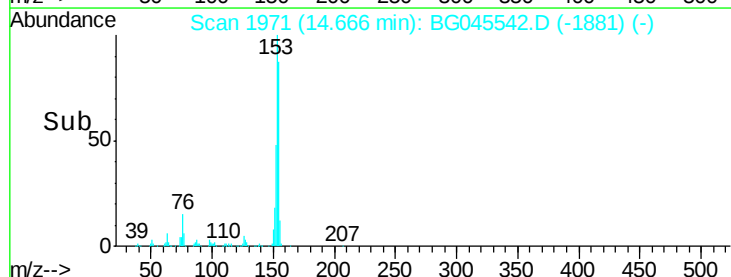
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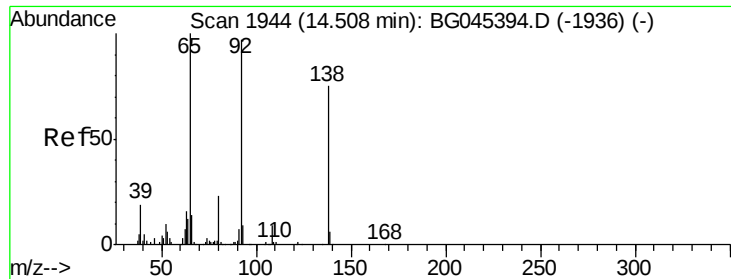
100000

0

14.60 14.70 14.80

Time-->





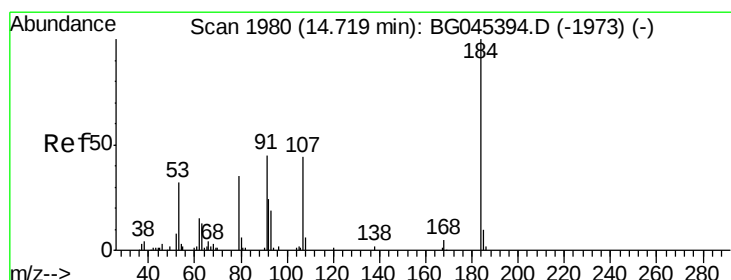
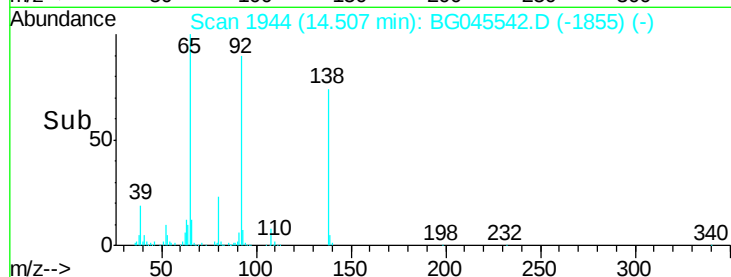
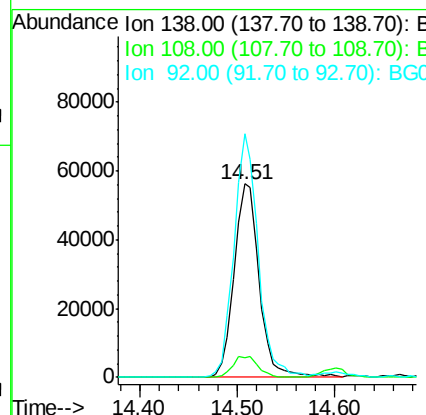
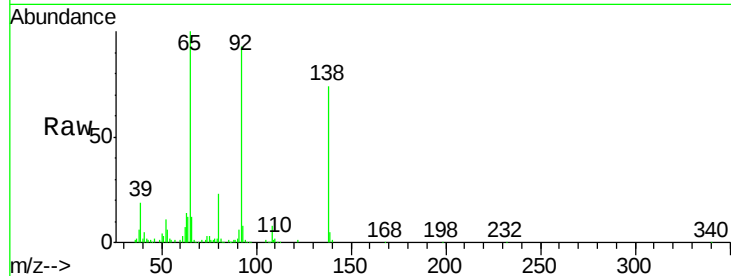
#53
 3-Nitroaniline
 Concen: 32.01 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	9.8	14.6	
92	126.1	103.0	154.4	

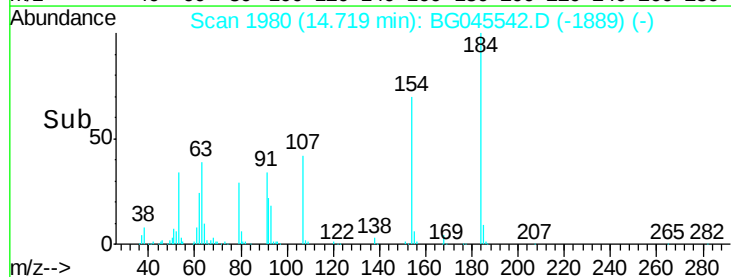
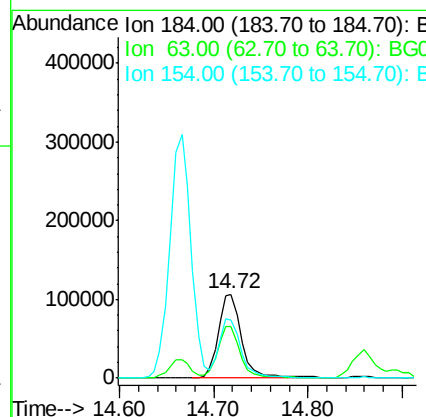
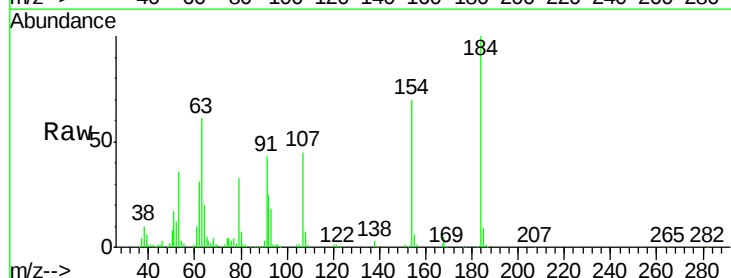
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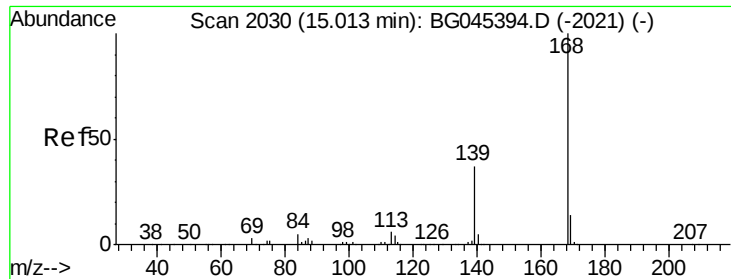
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#54
 2,4-Dinitrophenol
 Concen: 90.77 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.0	47.8	71.6	
154	69.6	58.3	87.5	





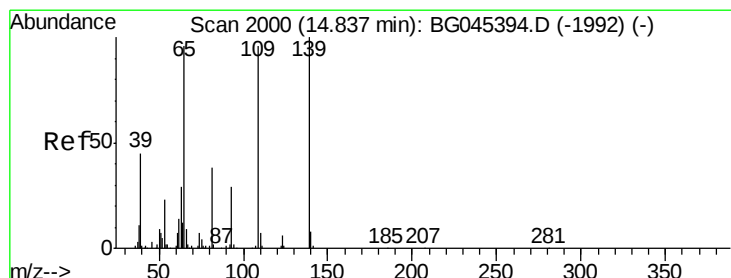
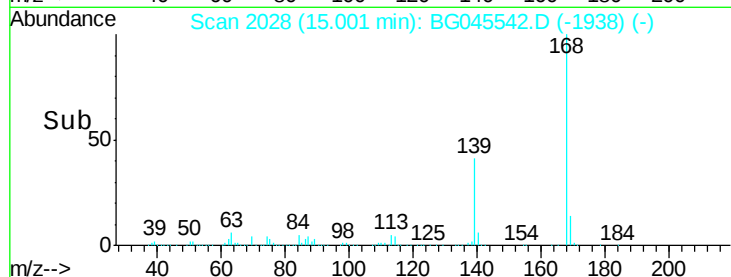
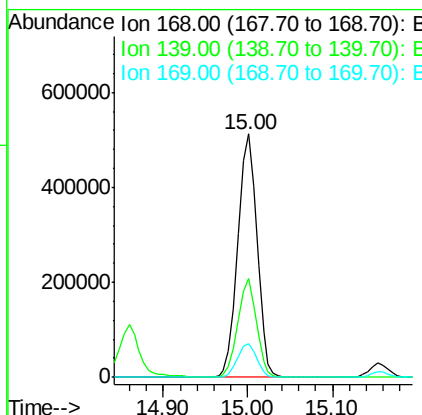
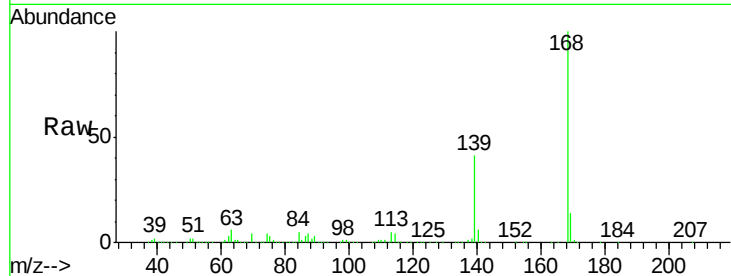
#55
Dibenzofuran
Concen: 50.32 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	799509		
139	40.9	29.9	44.9	
169	13.7	10.9	16.3	

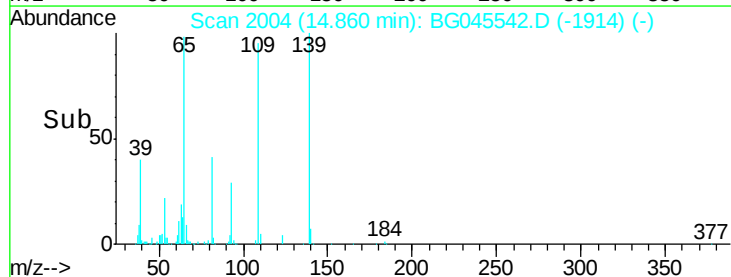
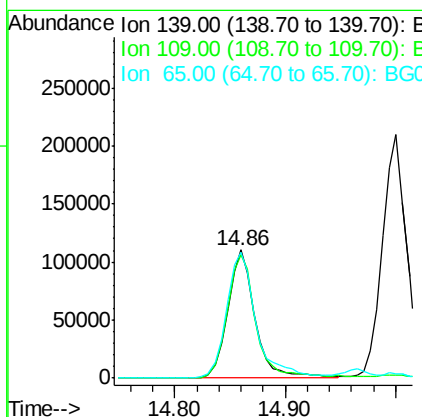
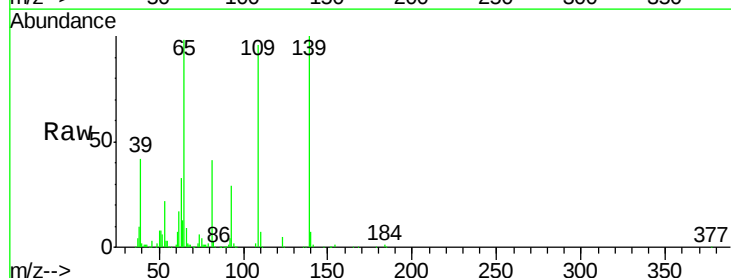
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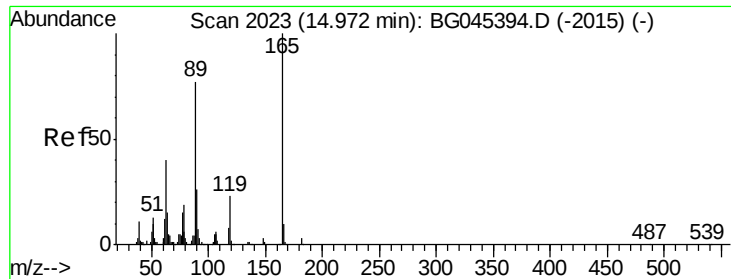
mohammad
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#56
4-Nitrophenol
Concen: 80.38 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	190970		
109	95.9	75.6	115.6	
65	98.4	76.8	116.8	





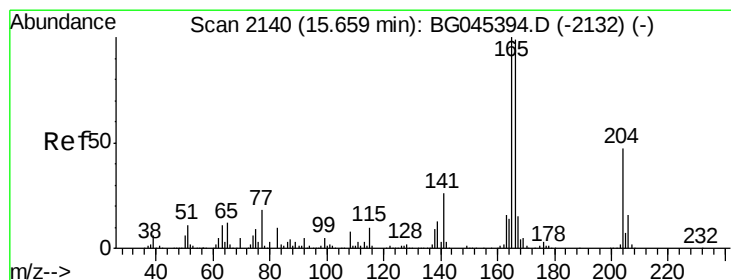
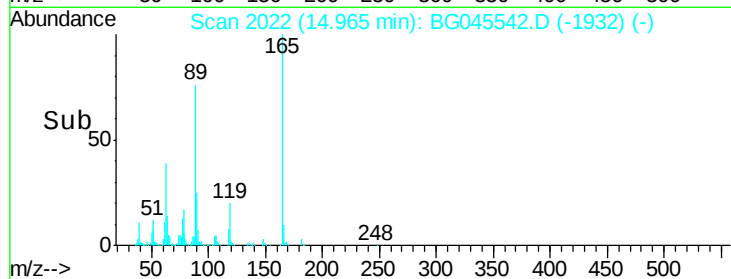
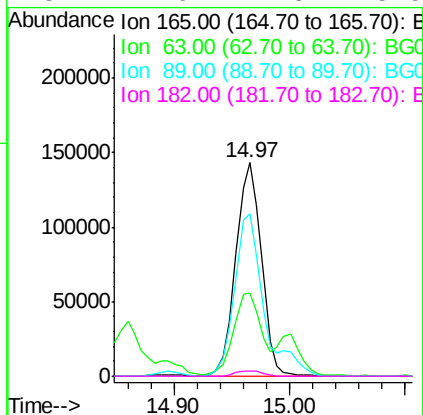
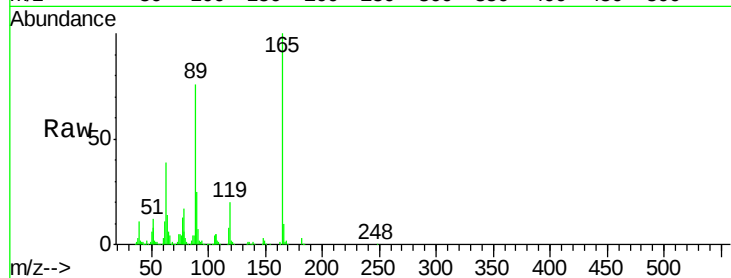
#57
2,4-Dinitrotoluene
Concen: 49.28 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220335		
63	39.0	32.5	48.7	
89	76.2	61.8	92.6	
182	2.6	2.3	3.5	

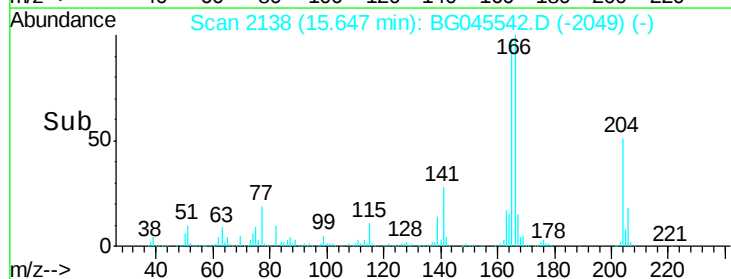
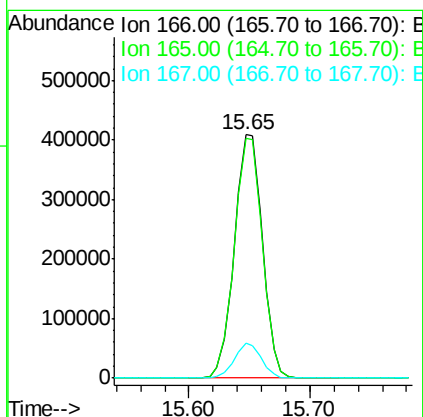
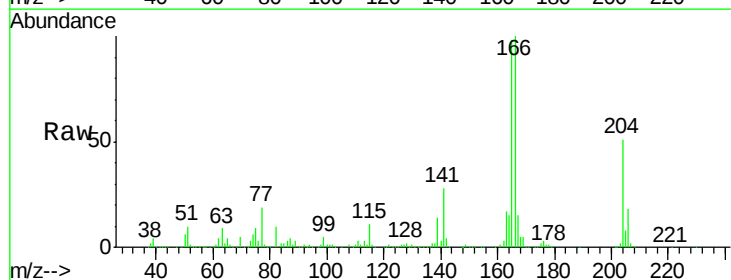
Manual Integrations
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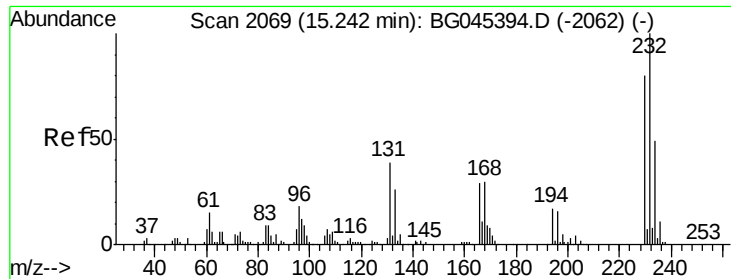
mohammad
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#58
Fluorene
Concen: 50.78 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	662782		
165	98.3	80.8	121.2	
167	14.6	12.0	18.0	





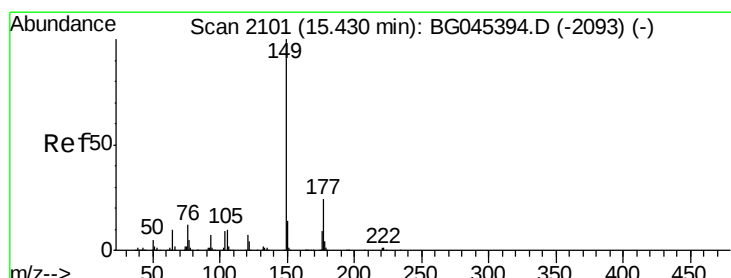
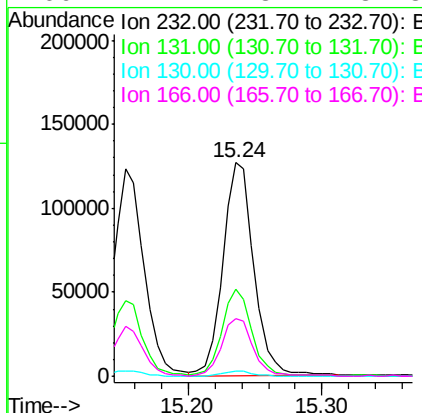
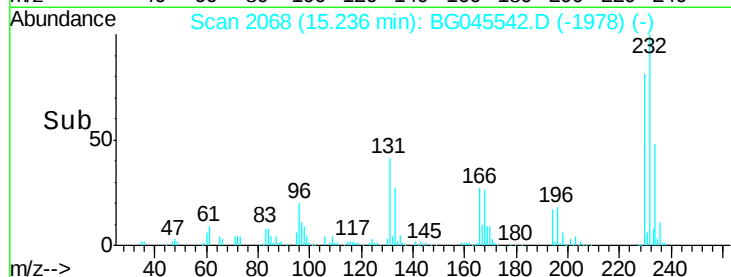
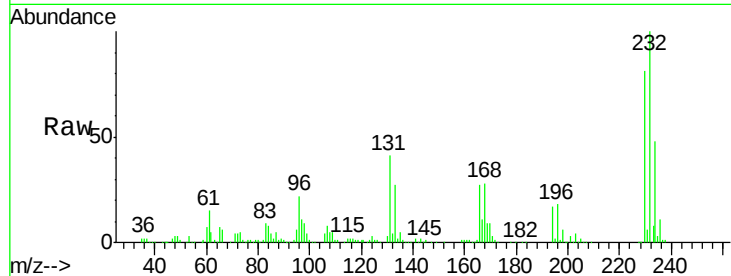
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.82 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205485		
131	39.3		33.7	50.5
130	2.3		2.1	3.1
166	27.4		23.2	34.8

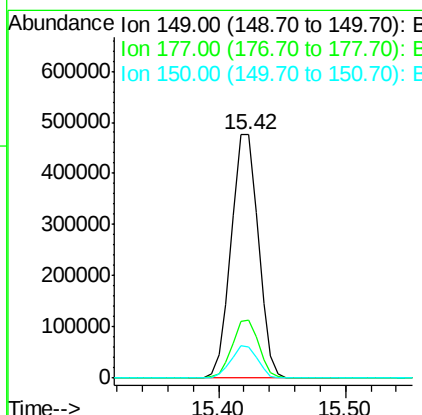
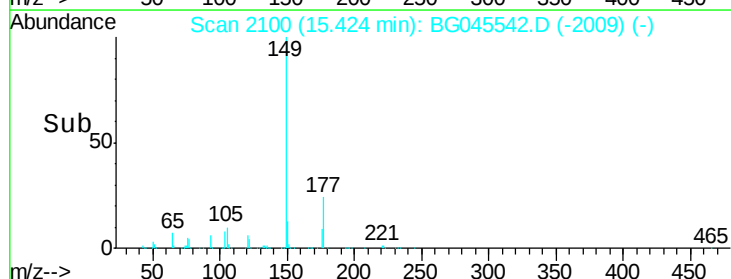
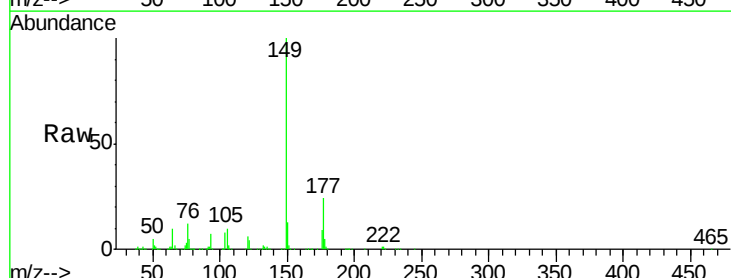
Manual Integrations
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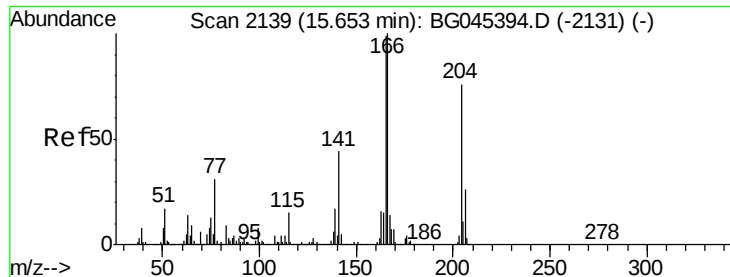
mohammad
 6/1/2020 12:22:55 PM



#60
 Diethylphthalate
 Concen: 49.34 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702581		
177	24.0		19.0	28.4
150	12.9		11.4	17.0





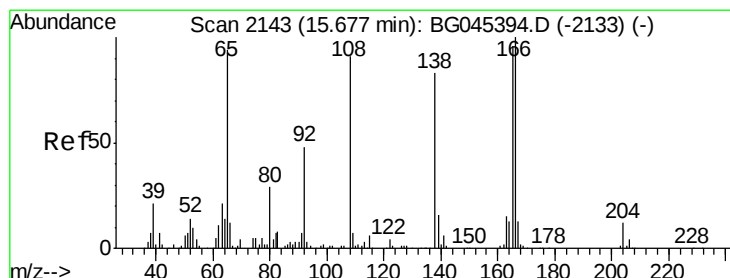
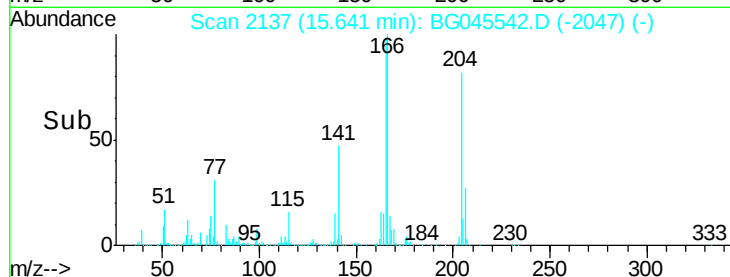
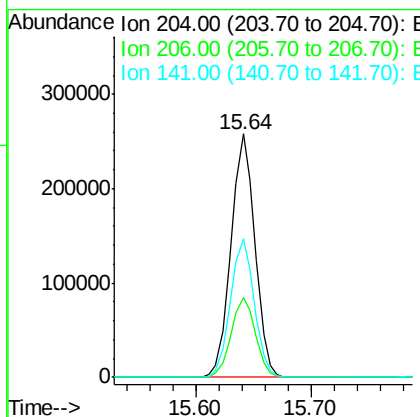
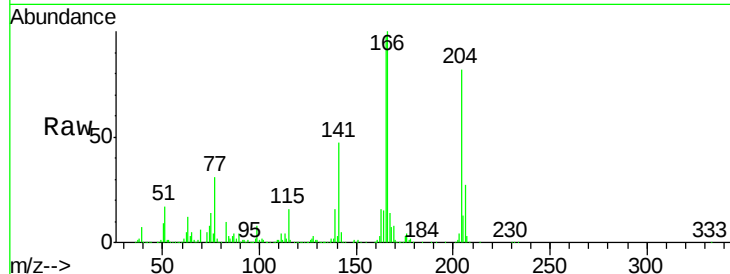
#61
 4-Chlorophenyl-phenylether
 Concen: 49.43 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	369218		
206	32.6	27.3	40.9	
141	56.7	45.9	68.9	

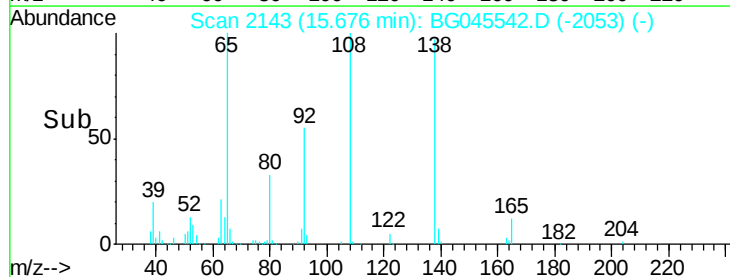
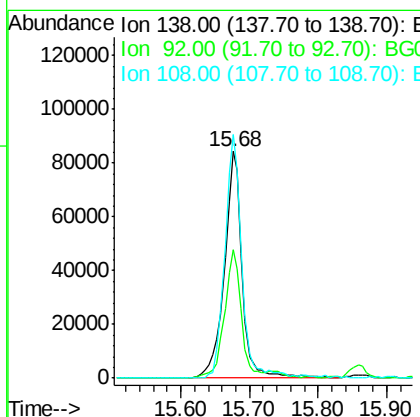
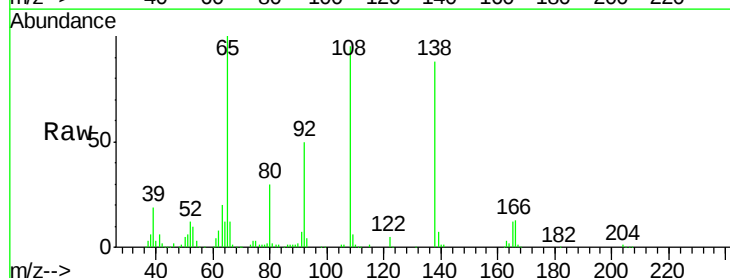
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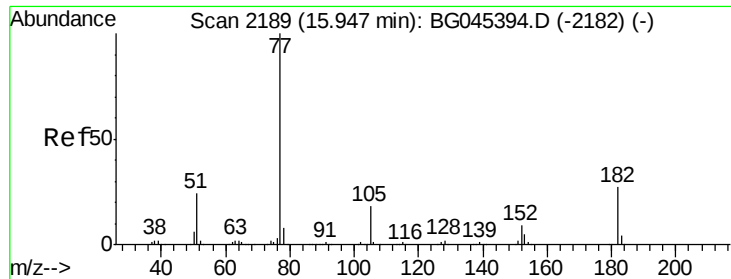
mohammad
 6/1/2020 12:22:55 PM



#62
 4-Nitroaniline
 Concen: 46.68 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	152926		
92	56.8	38.0	78.0	
108	107.5	89.3	129.3	





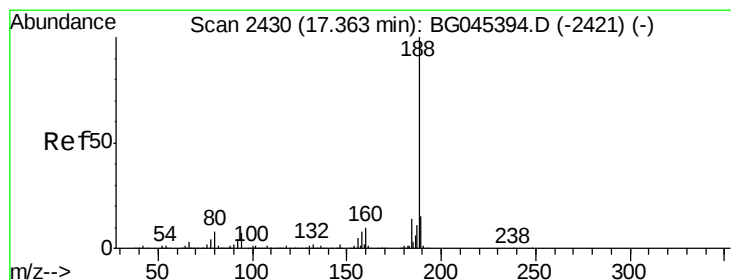
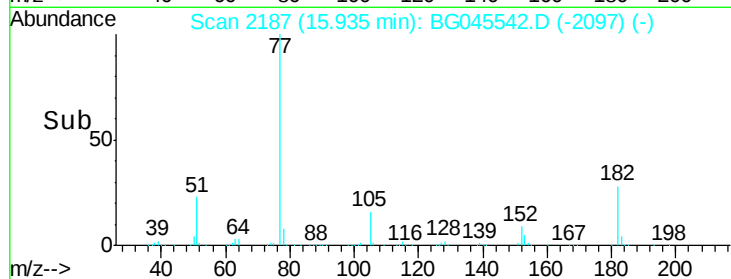
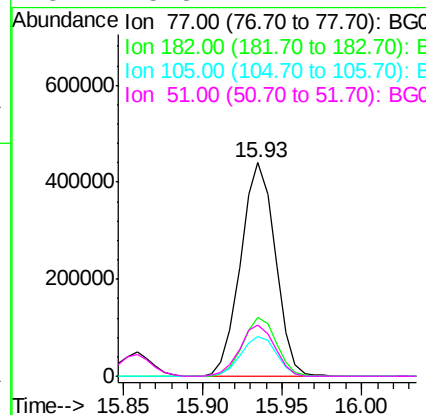
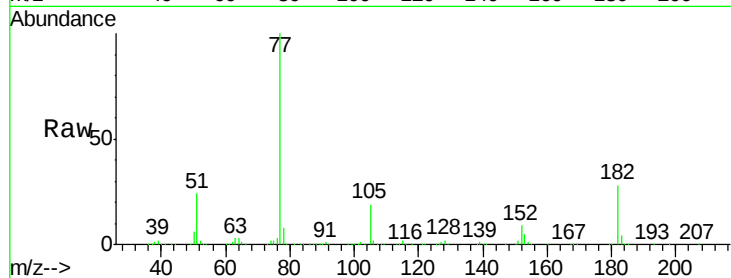
#63
Azobenzene
Concen: 50.22 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	6.5	46.5	
105	18.9	0.0	37.9	
51	23.8	4.1	44.1	

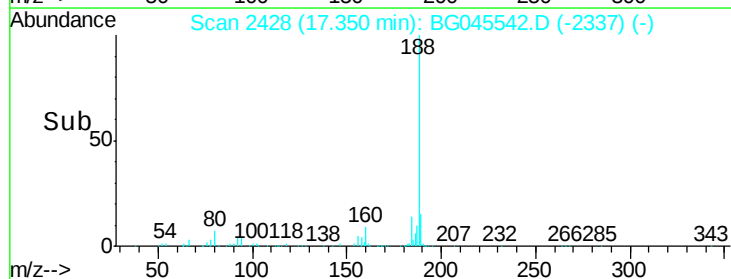
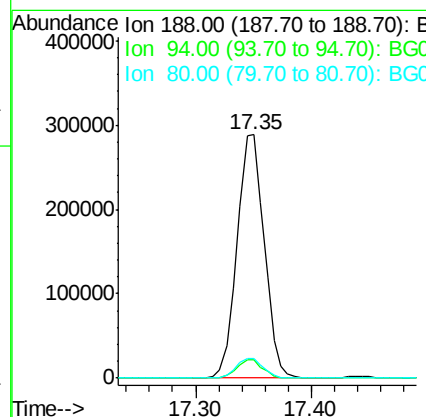
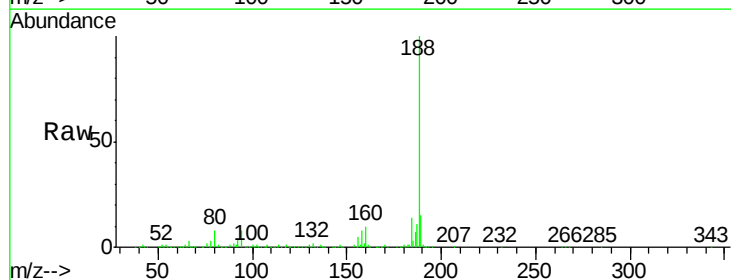
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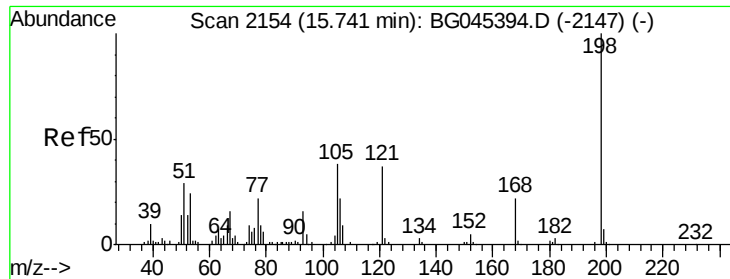
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	5.5	8.3	
80	7.8	6.6	10.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 51.10 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

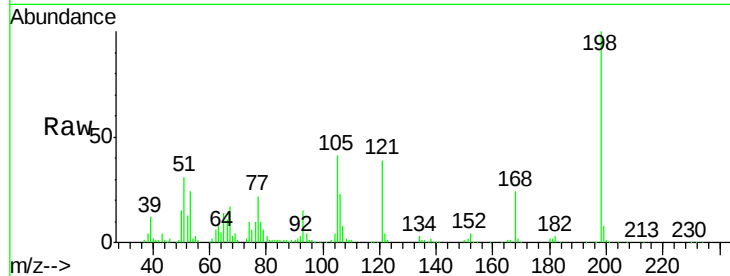
ClientSampleId :

SU-01-052720MSD

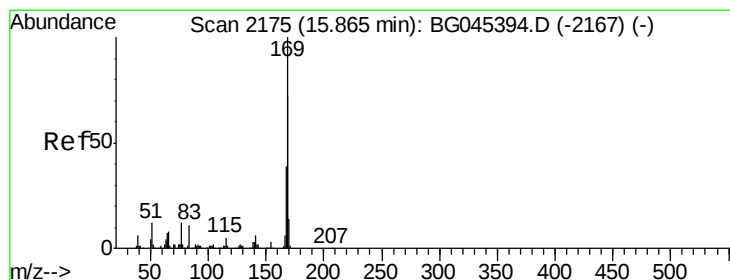
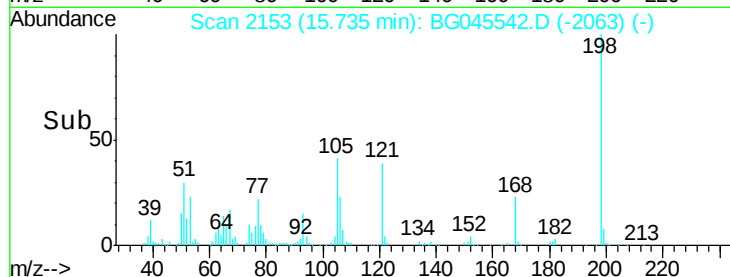
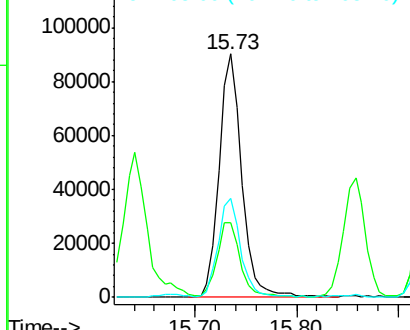
Tgt Ion:	198	Resp:	139797
Ion Ratio	Lower	Upper	
198	100		
51	30.7	10.0	50.0
105	40.9	18.9	58.9

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.25 ng

RT: 15.86 min Scan# 2174

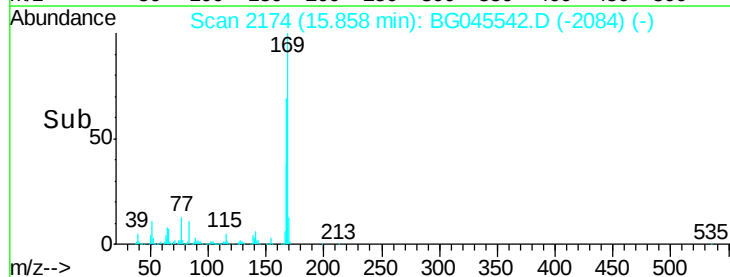
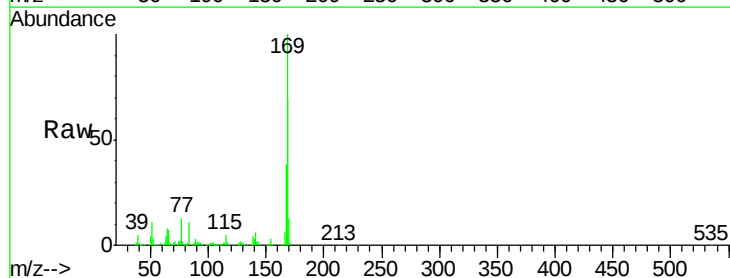
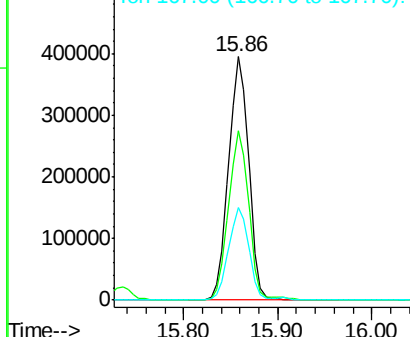
Delta R.T. -0.00 min

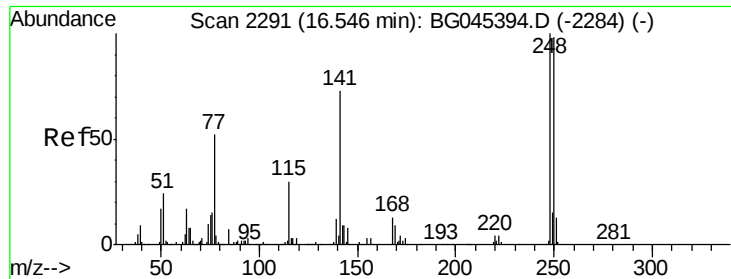
Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion:	169	Resp:	589293
Ion Ratio	Lower	Upper	
169	100		
168	69.4	57.8	86.6
167	37.8	31.5	47.3

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





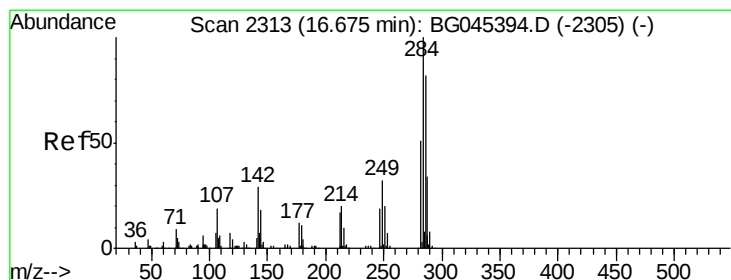
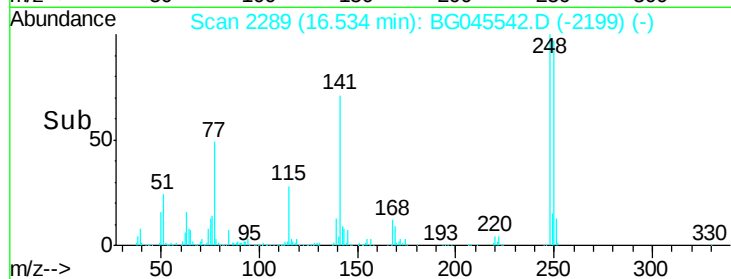
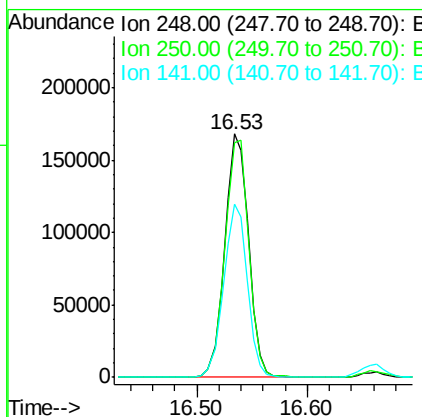
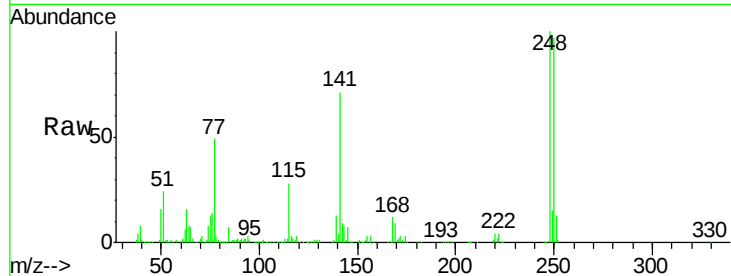
#67
 4-Bromophenyl-phenylether
 Concen: 49.79 ng
 RT: 16.53 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253281		
250	96.6	78.6	117.8	
141	71.0	58.2	87.2	

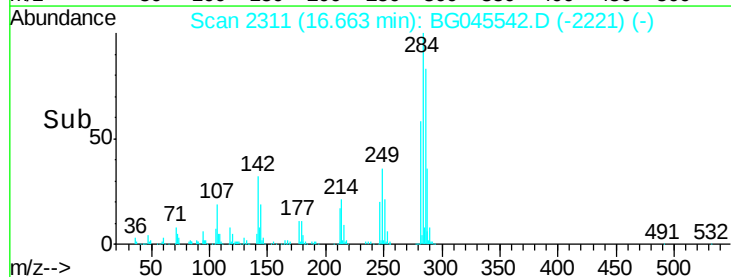
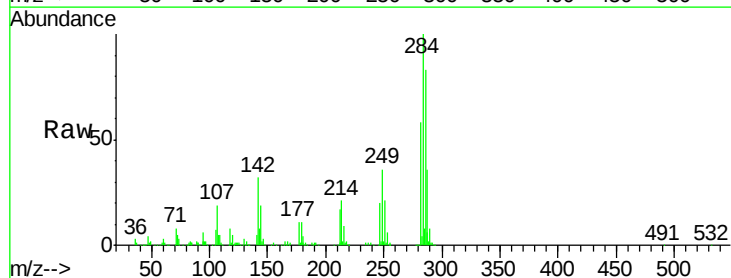
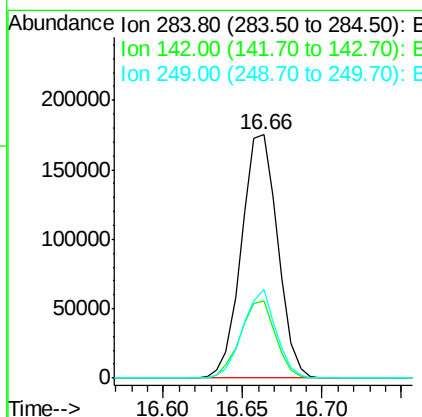
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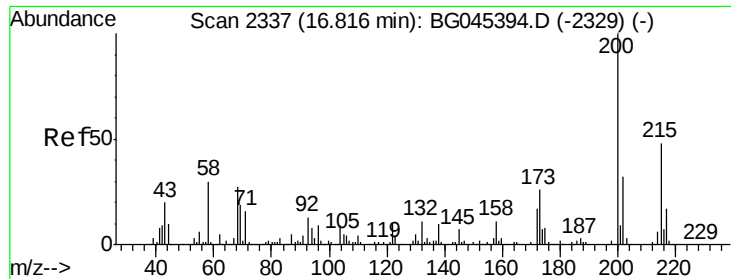
mohammad
 6/1/2020 12:22:55 PM



#68
 Hexachlorobenzene
 Concen: 52.27 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	278075		
142	31.6	23.0	34.6	
249	36.3	25.8	38.6	





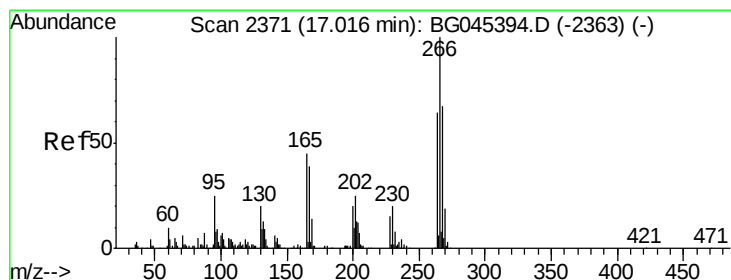
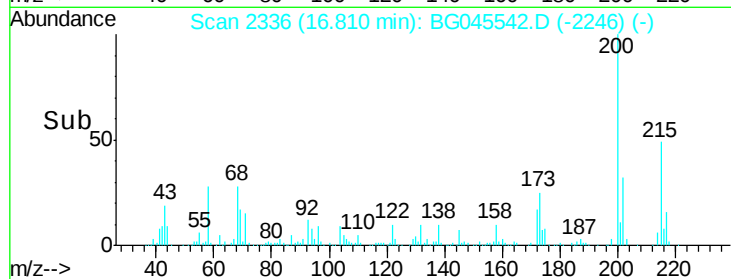
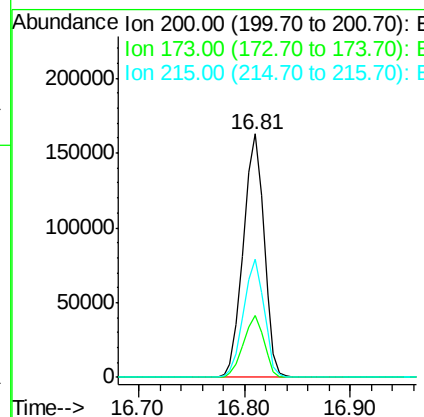
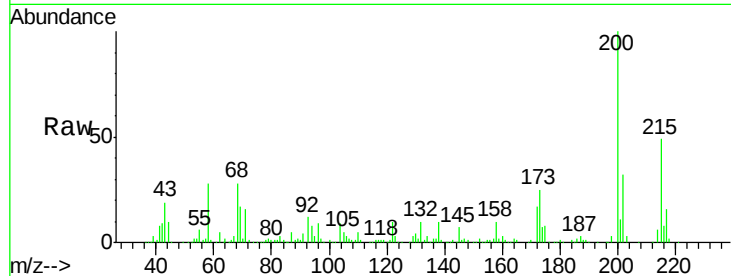
#69
Atrazine
Concen: 47.60 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	5.5	45.5
215	48.5	28.2	68.2

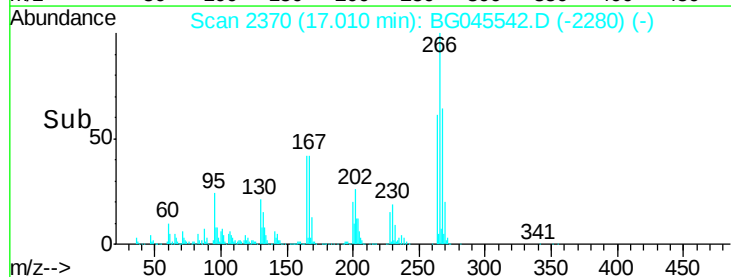
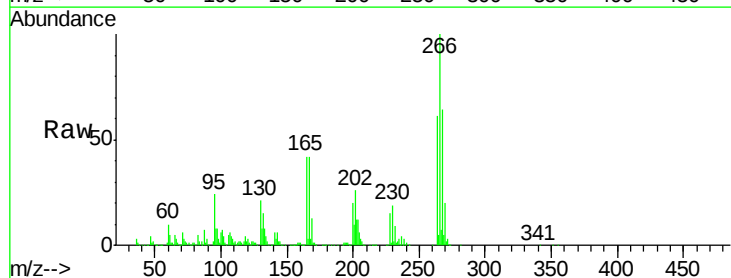
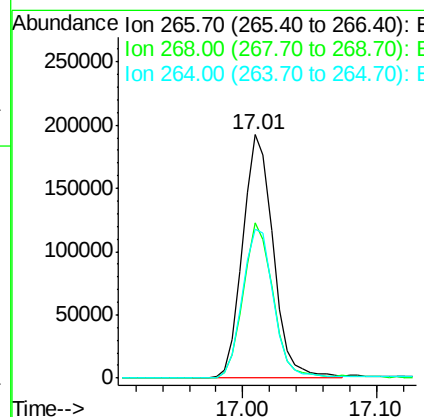
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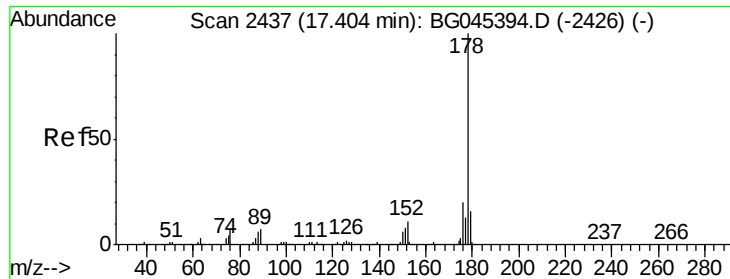
mohammad
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#70
Pentachlorophenol
Concen: 110.19 ng
RT: 17.01 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	53.2	79.8
264	61.1	51.0	76.4





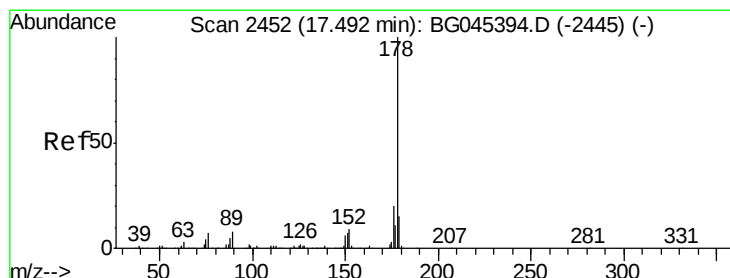
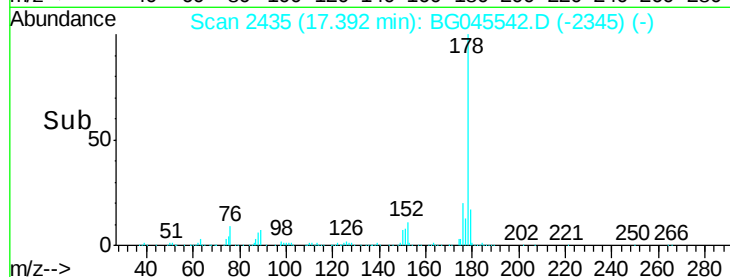
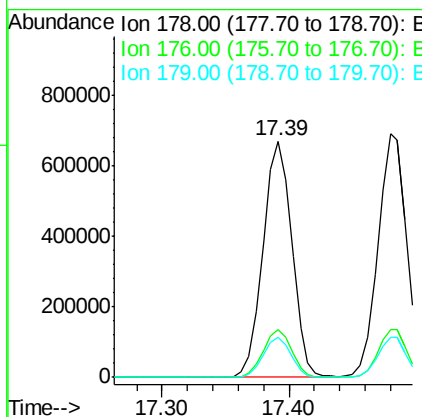
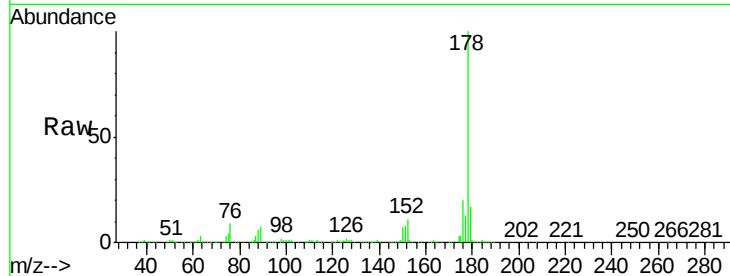
#71
Phenanthrene
Concen: 51.66 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion:178 Resp: 1059372
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.9 13.1 19.7

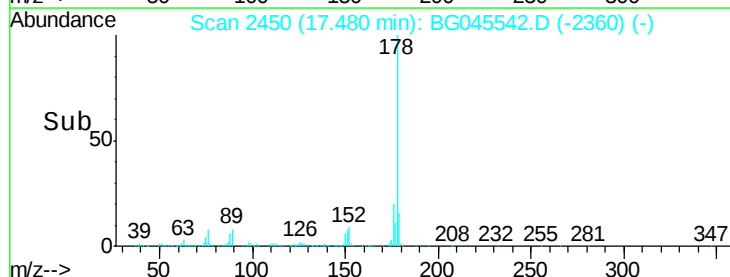
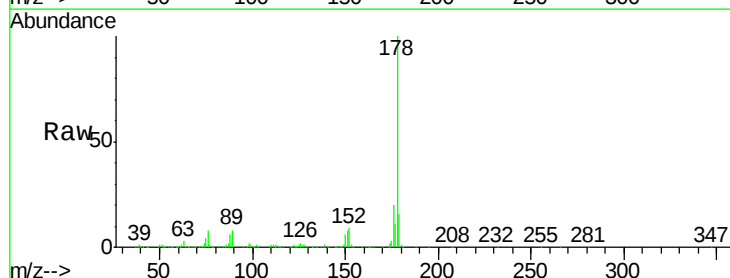
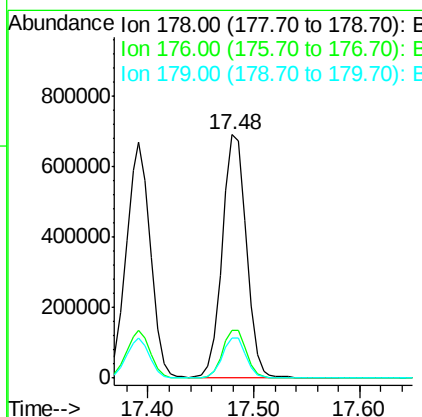
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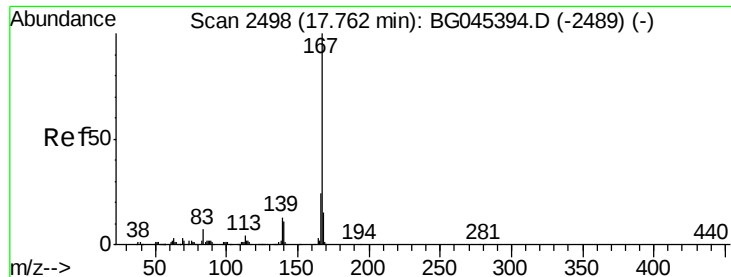
mohammad
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#72
Anthracene
Concen: 52.91 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion:178 Resp: 1089530
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.3 12.2 18.4





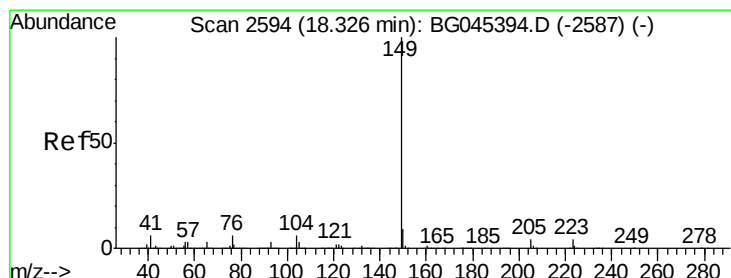
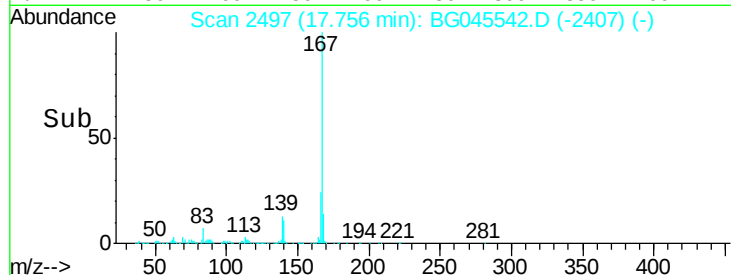
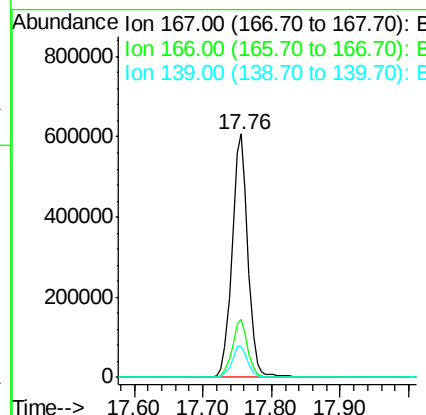
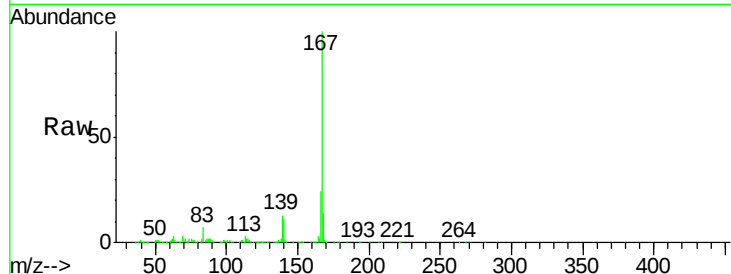
#73
 Carbazole
 Concen: 48.72 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	13.0	10.6	16.0

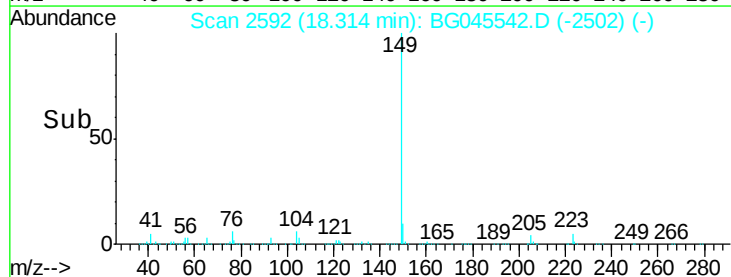
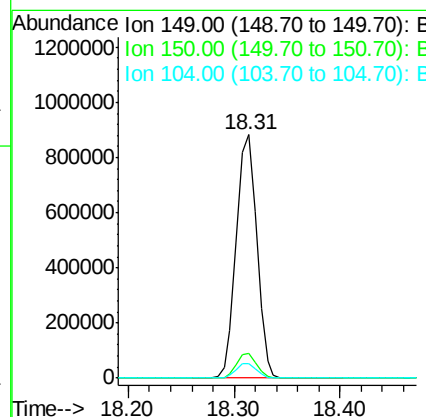
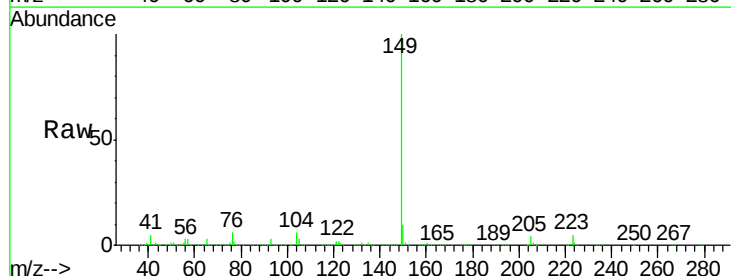
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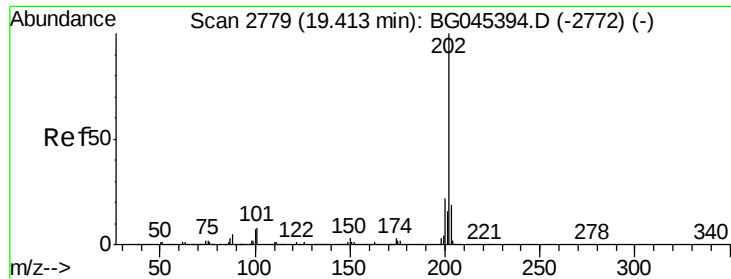
mohammad
 6/1/2020 12:22:55 PM



#74
 Di-n-butylphthalate
 Concen: 49.05 ng
 RT: 18.31 min Scan# 2592
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.2	5.0	7.4





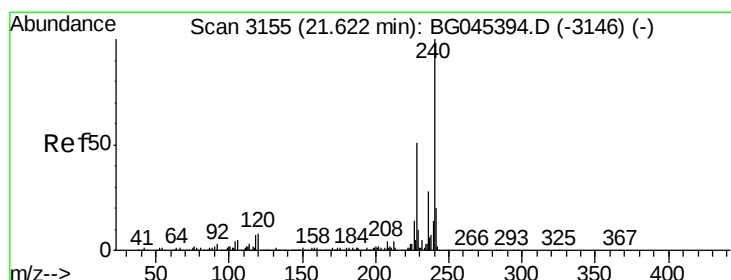
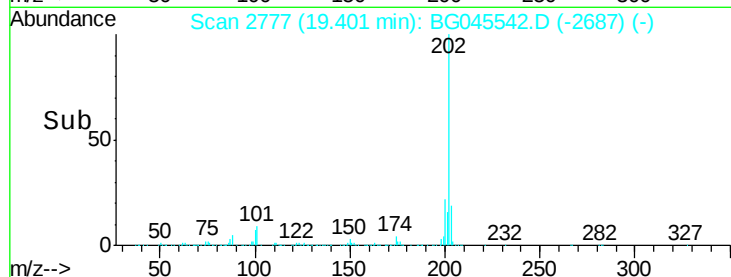
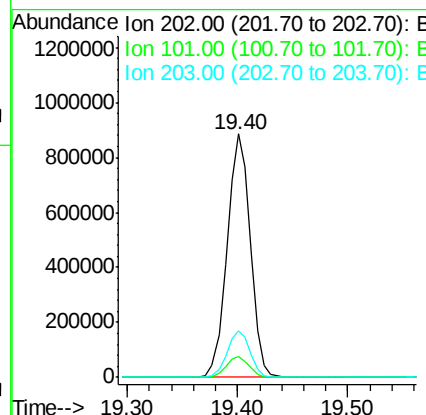
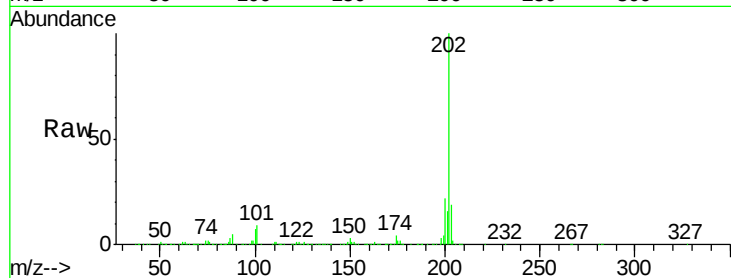
#75
 Fluoranthene
 Concen: 49.75 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	19.2	0.0	39.0

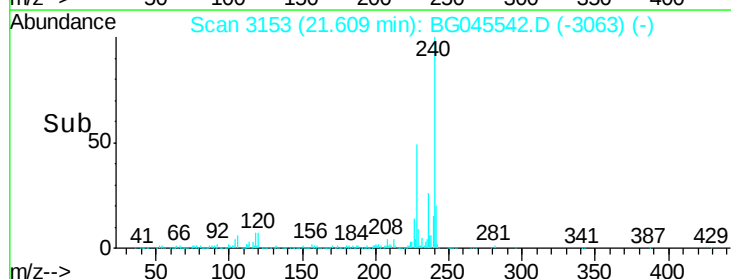
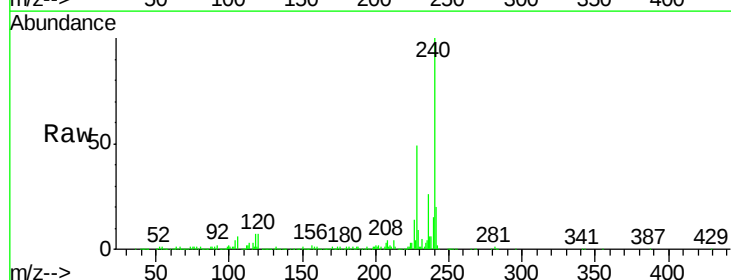
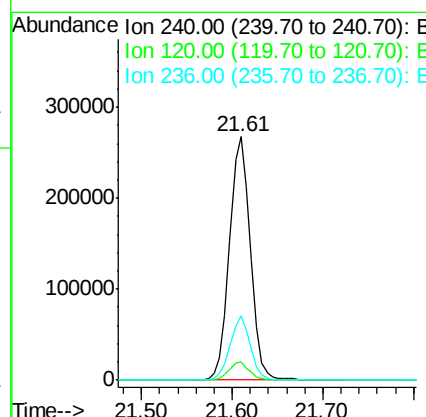
Manual Integrations
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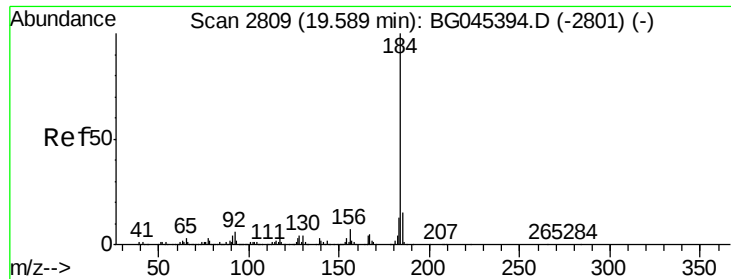
mohammad
 6/1/2020 12:22:55 PM



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG045542.D
 Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.1	9.1
236	26.3	22.3	33.5





#77

Benzidine

Concen: 48.71 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

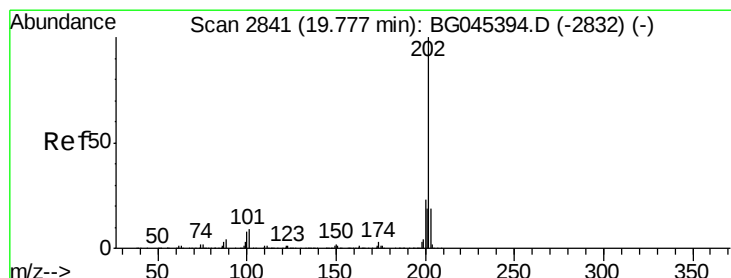
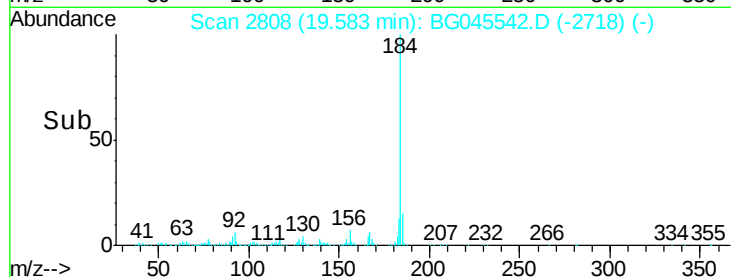
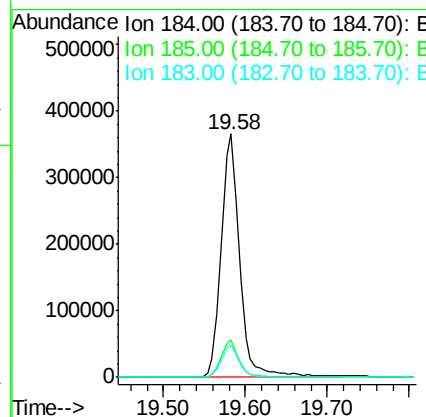
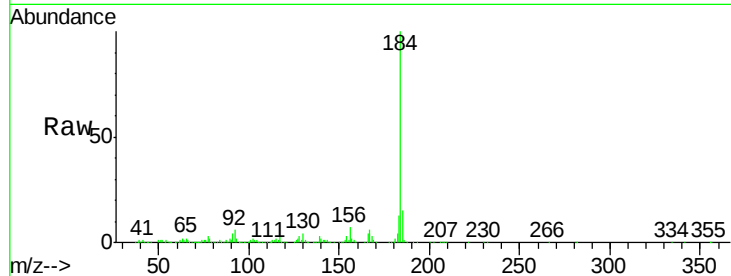
ClientSampleId :

SU-01-052720MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	583412		
185	15.3		11.7	17.5
183	13.2		10.2	15.4

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#78

Pyrene

Concen: 52.39 ng

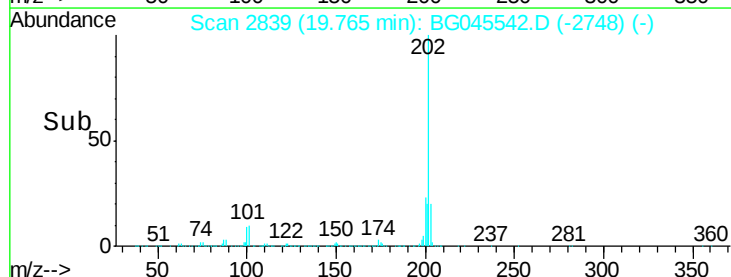
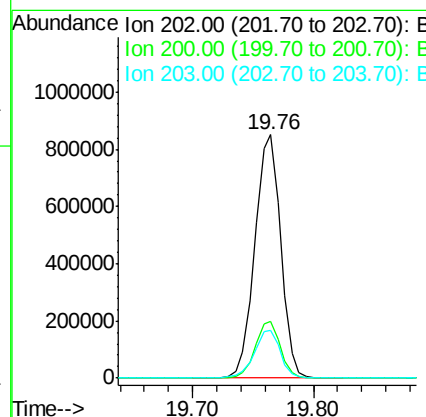
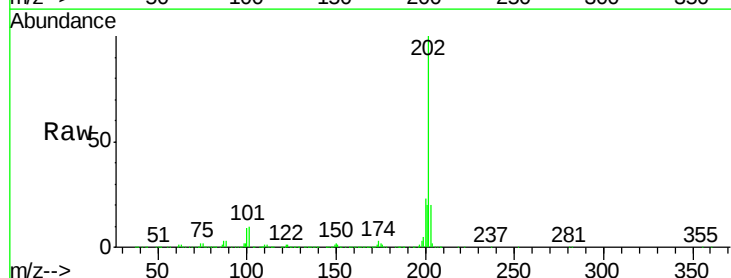
RT: 19.76 min Scan# 2839

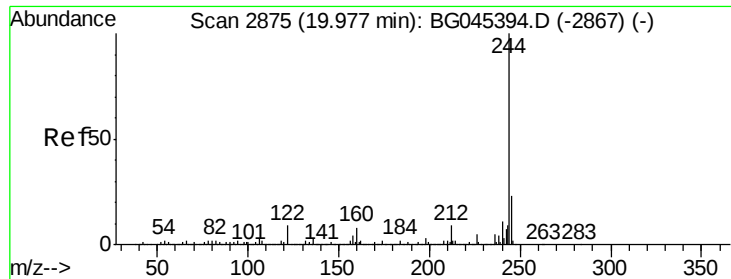
Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1273630		
200	23.2		18.2	27.2
203	19.5		15.1	22.7





#79

Terphenyl-d14

Concen: 104.94 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

Tgt Ion:244 Resp: 1918724

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

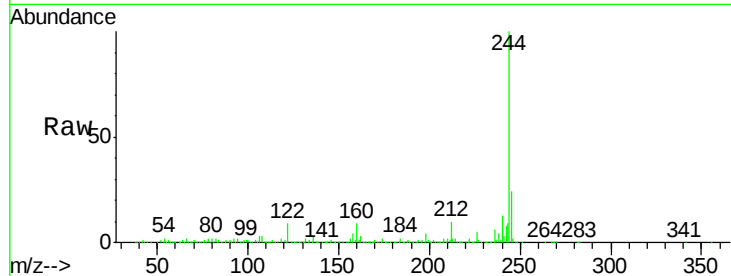
122 8.7 6.8 10.2

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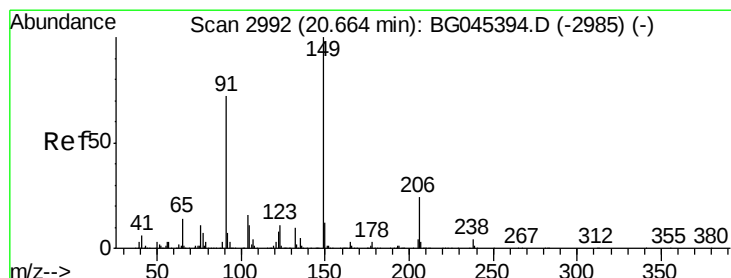
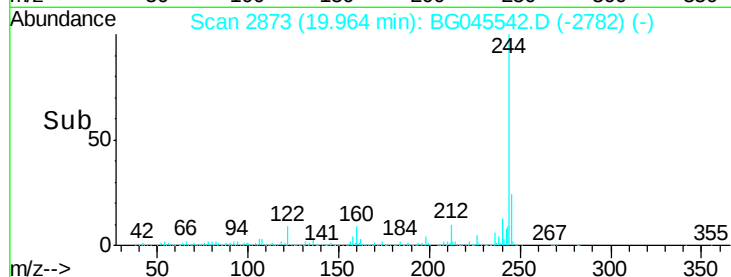
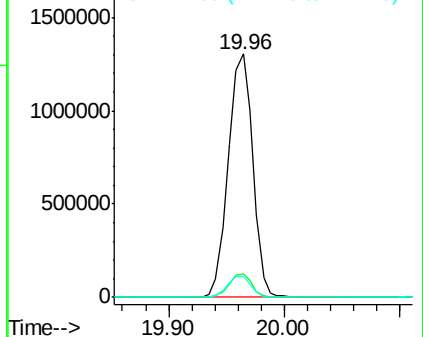
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.63 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

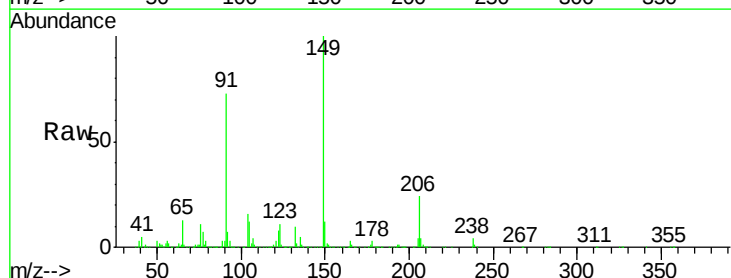
Tgt Ion:149 Resp: 520731

Ion Ratio Lower Upper

149 100

91 73.2 57.8 86.6

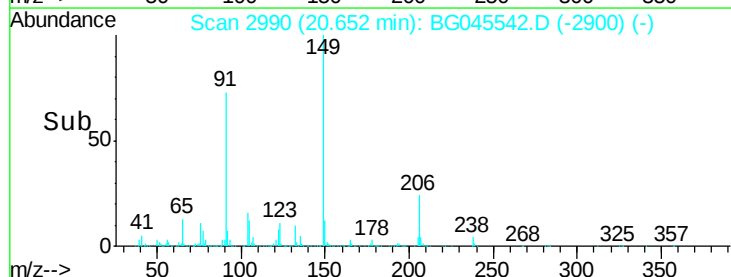
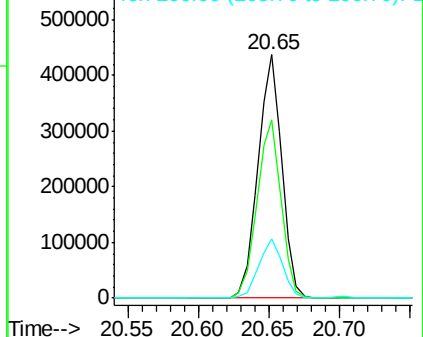
206 24.2 19.1 28.7

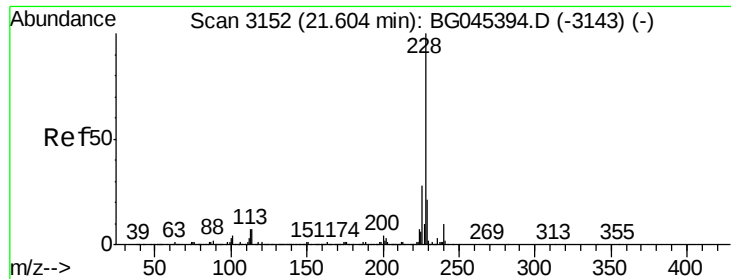


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.72 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

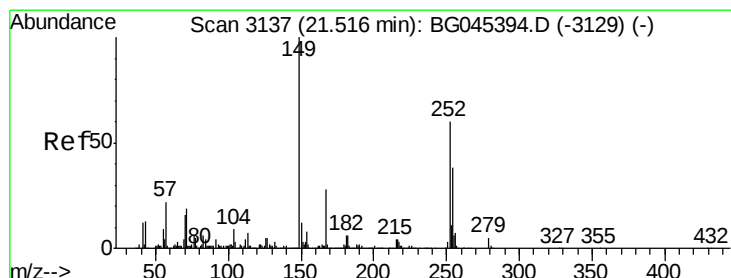
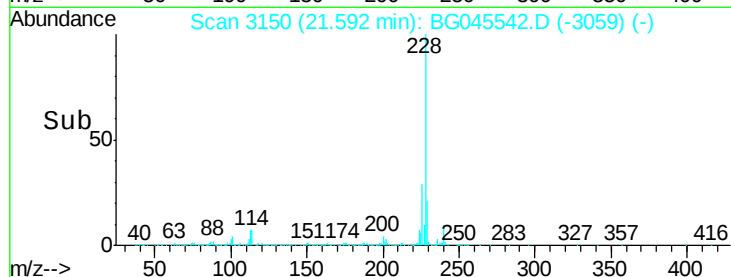
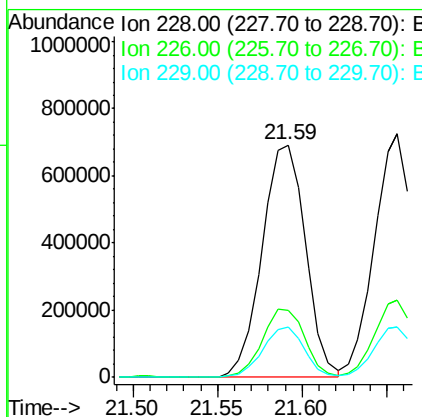
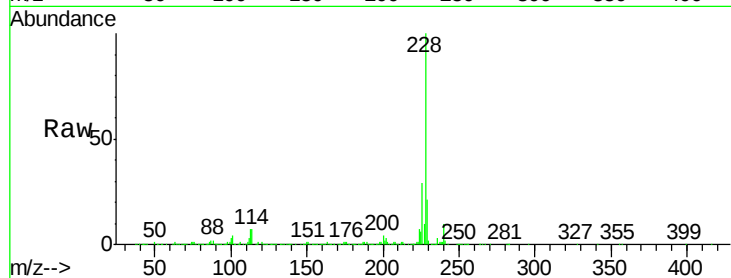
ClientSampleId :

SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.4	16.7	25.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.02 ng

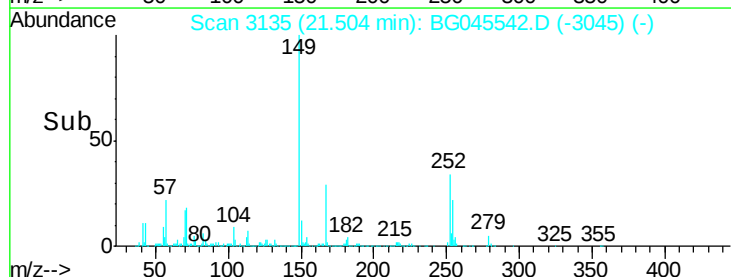
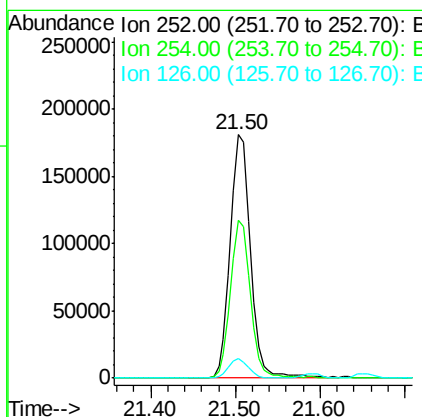
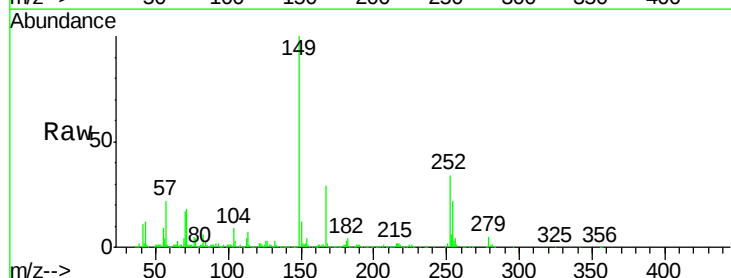
RT: 21.50 min Scan# 3135

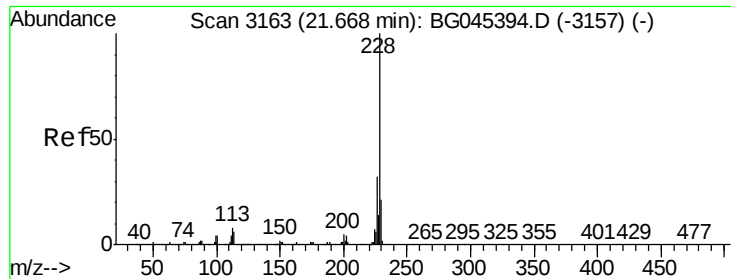
Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	8.2	6.6	10.0





#83

Chrysene

Concen: 51.20 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

Instrument :

BNA_G

ClientSampleId :

SU-01-052720MSD

Tgt Ion: 228 Resp: 1169578

Ion Ratio Lower Upper

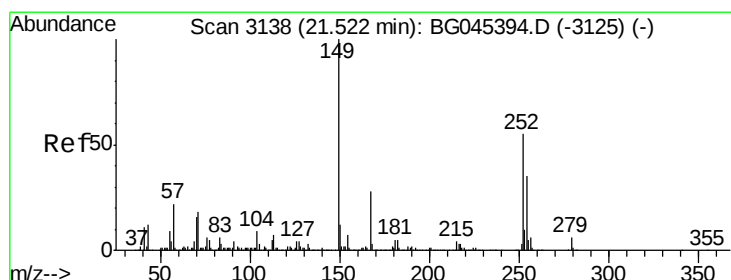
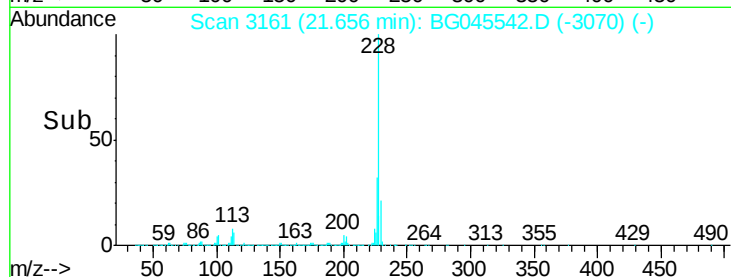
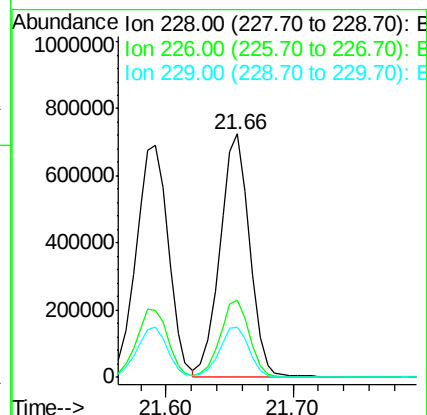
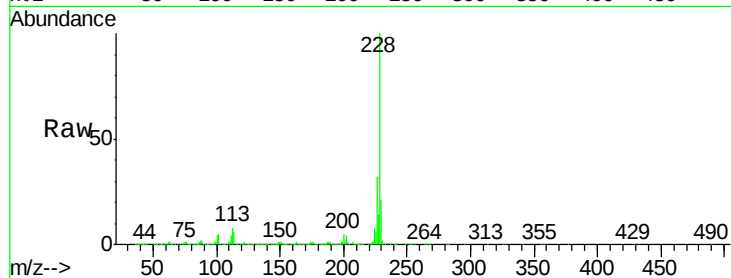
228 100

226 31.9 25.2 37.8

229 20.9 16.7 25.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.70 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045542.D

Acq: 30 May 2020 6:02

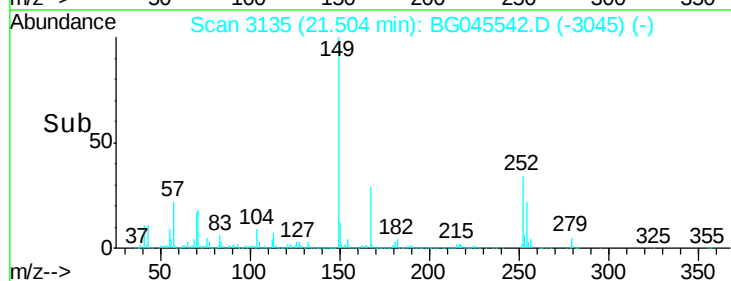
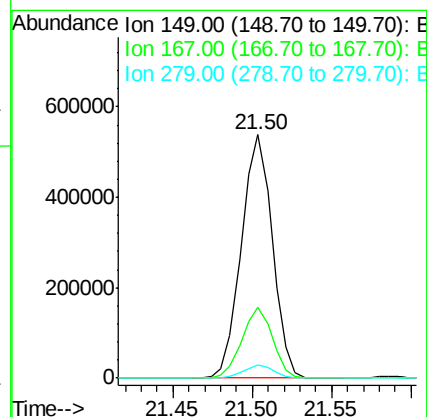
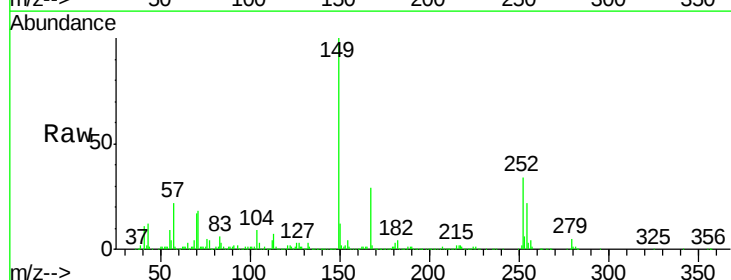
Tgt Ion: 149 Resp: 731222

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

279 5.3 4.7 7.1





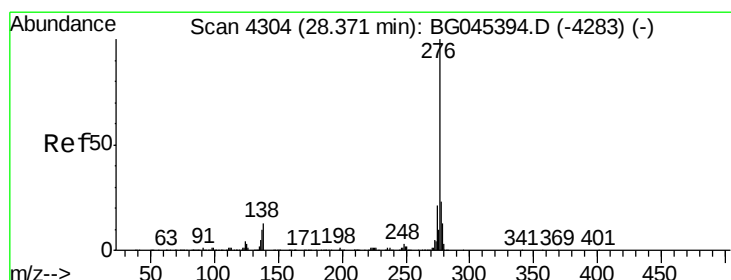
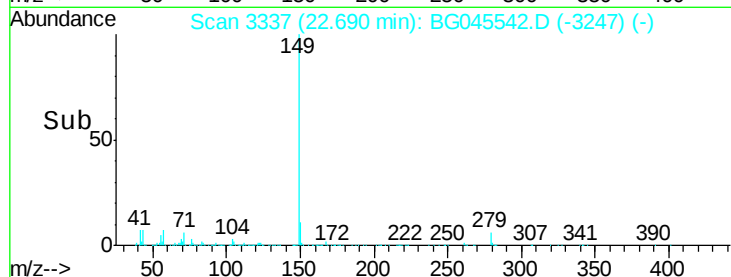
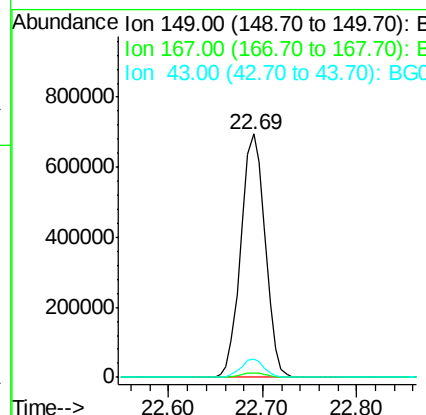
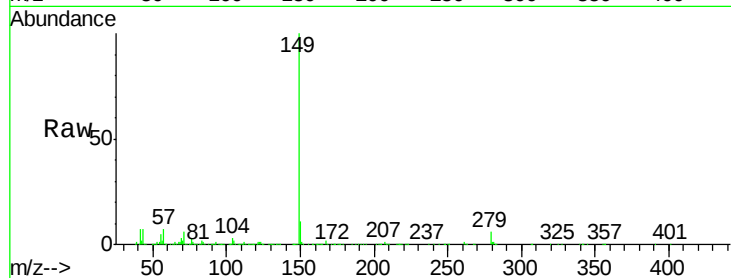
#85
Di-n-octyl phthalate
Concen: 50.03 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.3	5.8	8.8

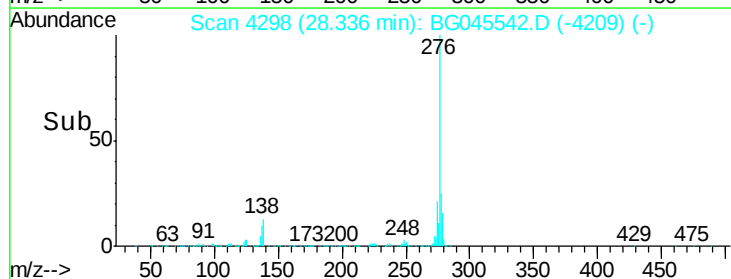
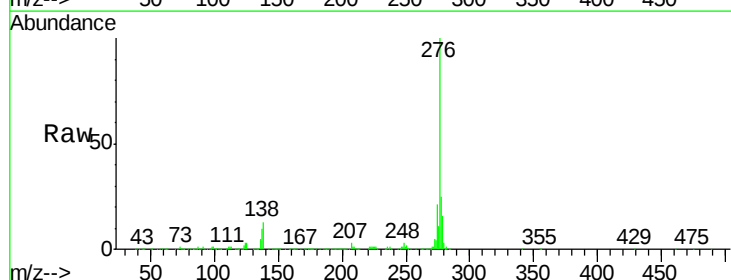
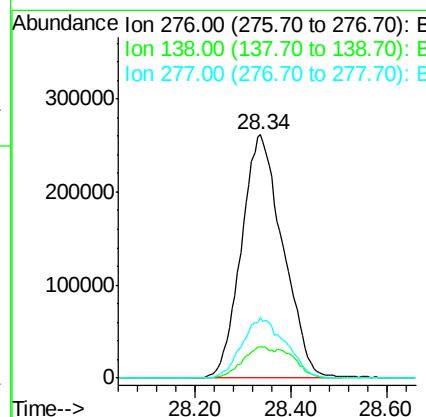
Manual Integrations
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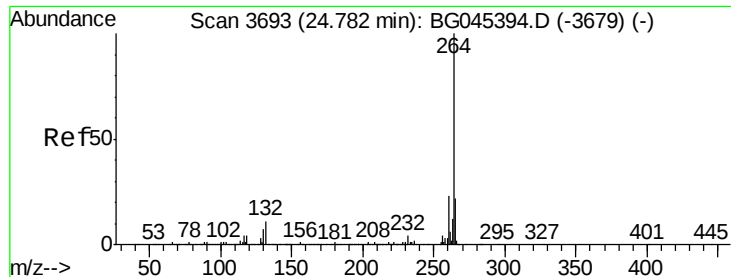
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.61 ng
RT: 28.34 min Scan# 4298
Delta R.T. -0.01 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.5	8.6	12.8
277	26.0	20.2	30.4





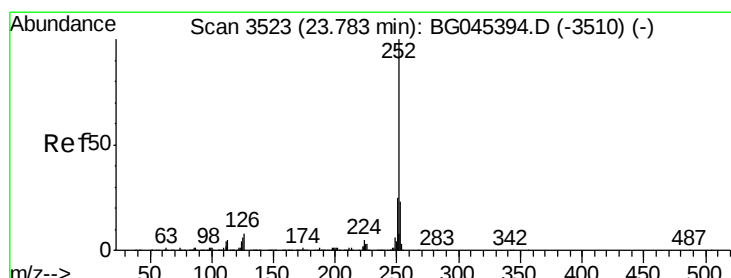
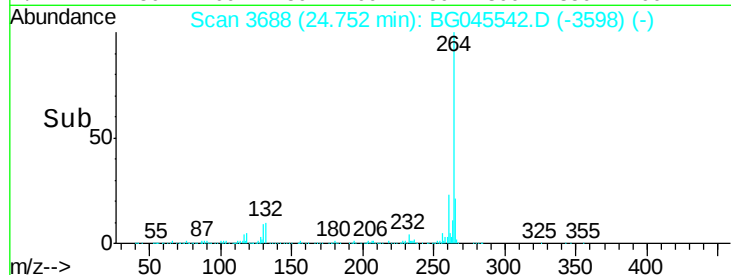
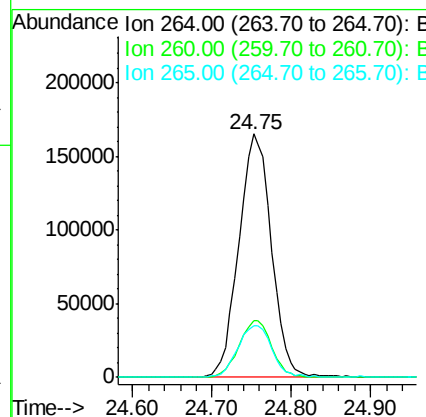
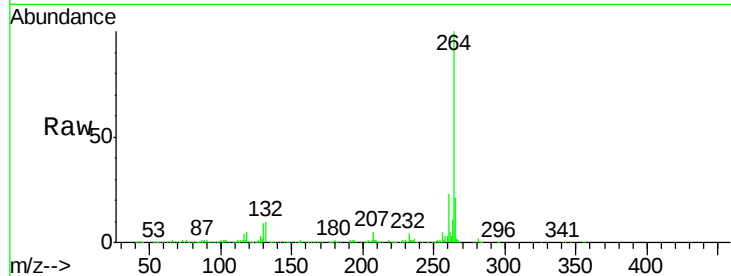
#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	17.6	26.4

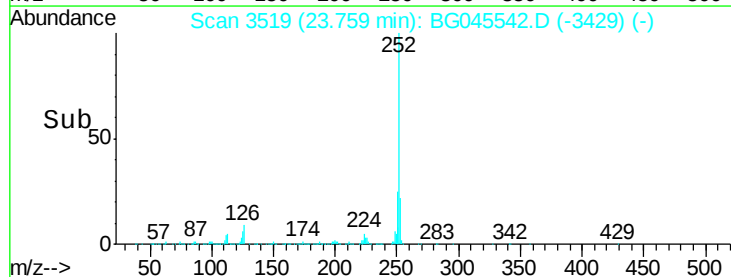
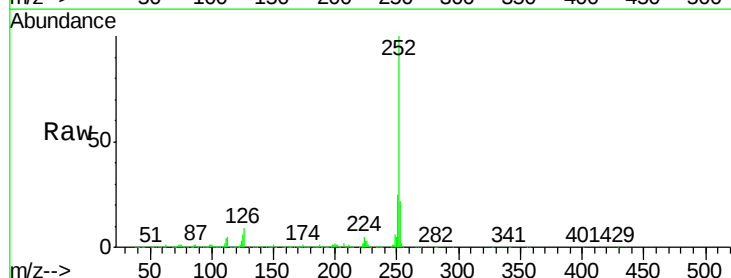
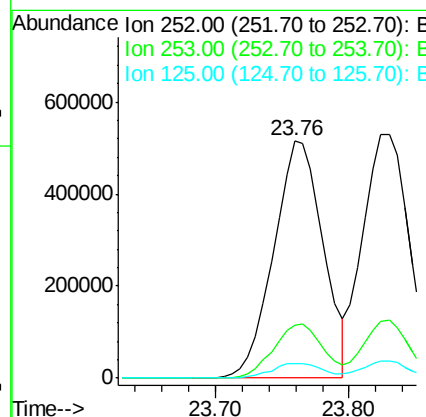
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 52.36 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.2	5.0	7.6





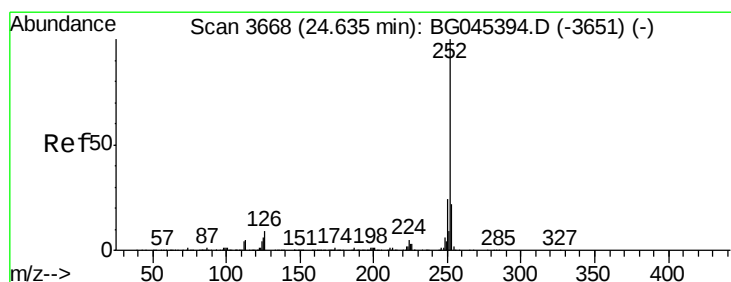
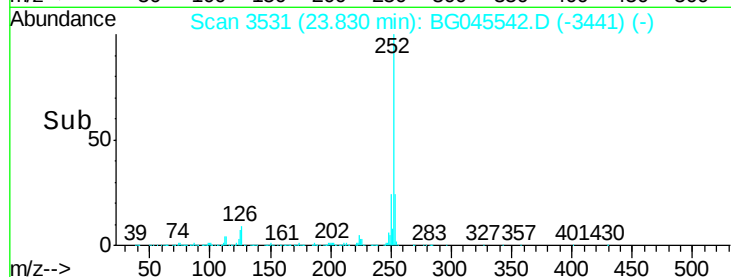
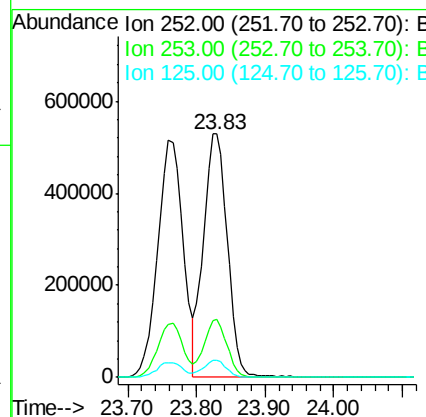
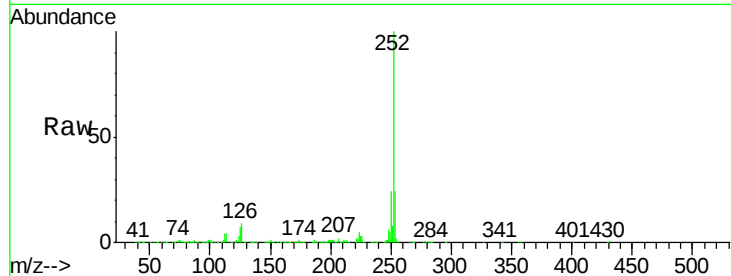
#89
Benzo(k)fluoranthene
Concen: 54.08 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	6.8	5.7	8.5

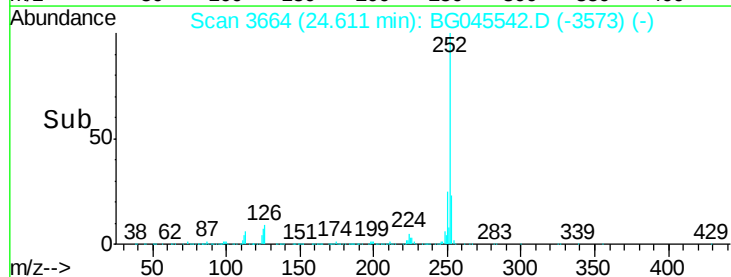
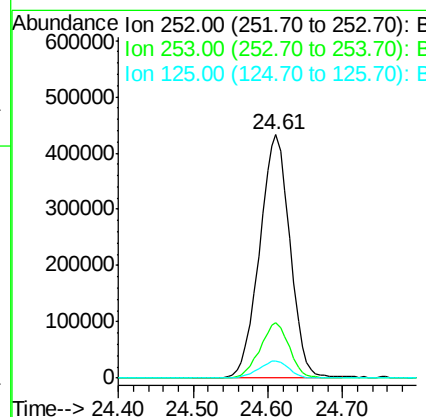
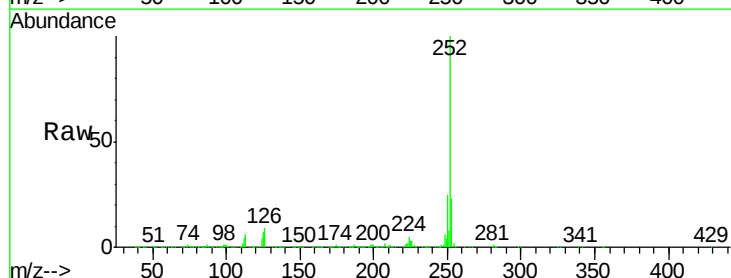
Manual Integrations
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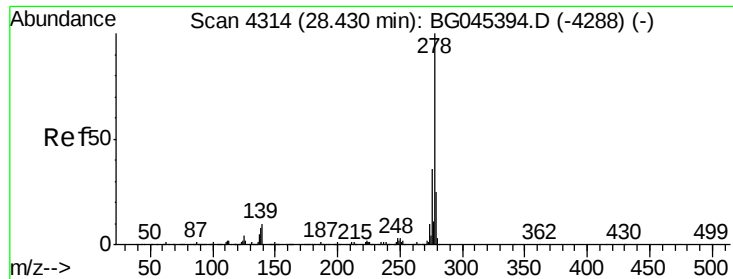
mohammad
6/1/2020 12:22:55 PM



#90
Benzo(a)pyrene
Concen: 51.87 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.0	5.0	7.6





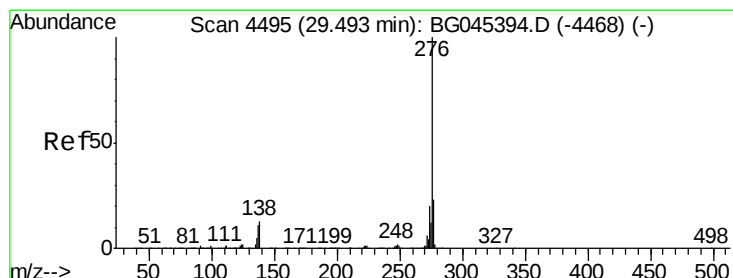
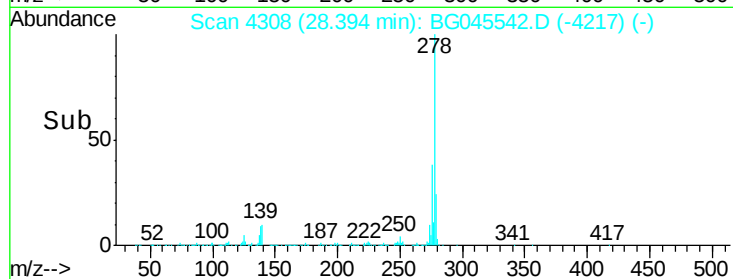
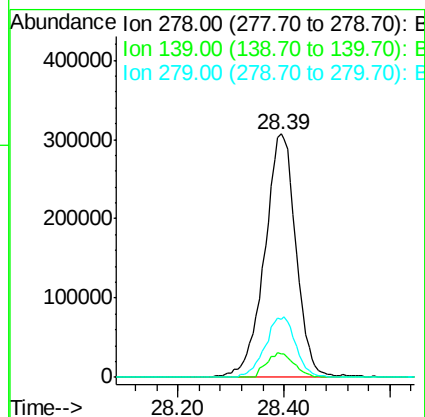
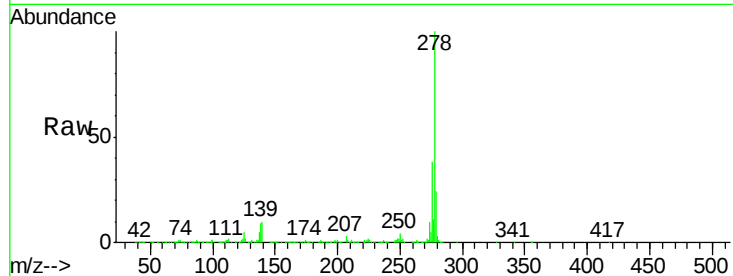
#91
Dibenzo(a,h)anthracene
Concen: 53.37 ng
RT: 28.39 min Scan# 4308
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Instrument :
BNA_G
ClientSampleId :
SU-01-052720MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.8	11.8
279	24.0	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 55.22 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.00 min
Lab File: BG045542.D
Acq: 30 May 2020 6:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	13.1	10.2	15.4

