

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045419.D
 Acq On : 18 May 2020 19:08
 Operator : CG/JU
 Sample : L2503-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Manual Integrations
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mohammad
 5/19/2020 3:06:02 PM

Quant Time: May 19 04:34:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	75875	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	311038	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	233541	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	567190	20.00	ng	0.00
76) Chrysene-d12	21.62	240	514681	20.00	ng	0.00
87) Perylene-d12	24.78	264	567039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	514668	132.56	ng	0.00
7) Phenol-d6	7.21	99	691892	125.21	ng	0.00
23) Nitrobenzene-d5	9.13	82	526254	92.26	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	420956	140.94	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1249166	90.73	ng	0.00
79) Terphenyl-d14	19.97	244	2180943	98.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	70780	36.764	ng	# 45
3) Pyridine	3.83	79	108372	20.211	ng	98
4) n-Nitrosodimethylamine	3.73	42	74200	42.289	ng	94
6) Aniline	7.30	93	228932	31.736	ng	99
8) 2-Chlorophenol	7.56	128	214039	50.272	ng	96
9) Benzaldehyde	7.10	77	120841	33.564	ng	96
10) Phenol	7.23	94	249132	43.744	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	208058	46.836	ng	99
12) 1,3-Dichlorobenzene	7.86	146	227741	44.511	ng	98
13) 1,4-Dichlorobenzene	8.00	146	231891	45.926	ng	97
14) 1,2-Dichlorobenzene	8.32	146	221456	45.601	ng	99
15) Benzyl Alcohol	8.22	79	228829	50.128	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	195230	46.299	ng	97
17) 2-Methylphenol	8.46	107	197065	46.229	ng	97
18) Hexachloroethane	9.05	117	86381	44.668	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	190592	49.877	ng	96
20) 3+4-Methylphenols	8.80	107	262631m	45.243	ng	
22) Acetophenone	8.79	105	351633	47.699	ng	# 95
24) Nitrobenzene	9.17	77	274185	44.867	ng	98
25) Isophorone	9.70	82	548121	48.796	ng	98
26) 2-Nitrophenol	9.89	139	127128	48.630	ng	# 87
27) 2,4-Dimethylphenol	9.98	122	217161	56.009	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	296202	50.281	ng	97
29) 2,4-Dichlorophenol	10.46	162	231882	50.645	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	241930	44.717	ng	98
31) Naphthalene	10.82	128	691777	47.728	ng	99
32) Benzoic acid	10.18	122	137570	51.298	ng	93
33) 4-Chloroaniline	10.95	127	96744	15.968	ng	98
34) Hexachlorobutadiene	11.12	225	163299	42.700	ng	97
35) Caprolactam	11.71	113	70133m	41.731	ng	
36) 4-Chloro-3-methylphenol	12.12	107	278937	54.065	ng	97
37) 2-Methylnaphthalene	12.43	142	534864	49.510	ng	98
38) 1-Methylnaphthalene	12.66	142	507811	49.762	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	297727	45.642	ng	99

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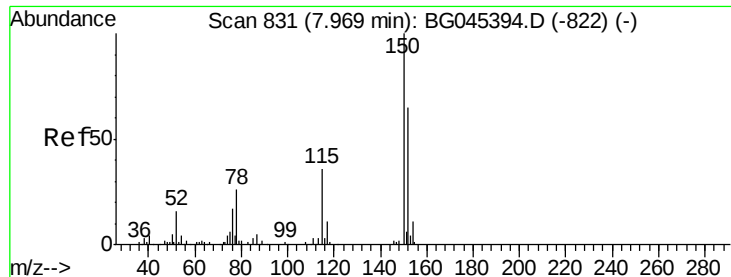
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	334641	88.881	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	213414	47.097	nq	99
44) 2,4,5-Trichlorophenol	13.16	196	226763	43.792	nq	97
46) 1,1'-Biphenyl	13.44	154	697887	48.633	nq	98
47) 2-Chloronaphthalene	13.49	162	525890	45.130	nq	99
48) 2-Nitroaniline	13.70	65	184476	48.127	nq	92
49) Acenaphthylene	14.33	152	897106	47.929	nq	99
50) Dimethylphthalate	14.07	163	845854	52.797	nq	98
51) 2,6-Dinitrotoluene	14.18	165	179421	49.631	nq	96
52) Acenaphthene	14.68	154	674455m	53.832	nq	
53) 3-Nitroaniline	14.53	138	106601	29.008	nq	93
54) 2,4-Dinitrophenol	14.73	184	214630	89.907	nq	97
55) Dibenzofuran	15.01	168	881600	47.383	nq	98
56) 4-Nitrophenol	14.91	139	235167	84.524	nq	95
57) 2,4-Dinitrotoluene	14.98	165	250583	47.861	nq	98
58) Fluorene	15.66	166	732930	47.949	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	222787	48.903	nq	97
60) Diethylphthalate	15.44	149	795187	47.688	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	398784	45.591	nq	99
62) 4-Nitroaniline	15.70	138	182916	47.678	nq	90
63) Azobenzene	15.95	77	743414	47.813	nq	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	150985	45.707	nq	94
66) n-Nitrosodiphenylamine	15.87	169	664838	48.820	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	281238	45.791	nq	96
68) Hexachlorobenzene	16.67	284	305266	47.521	nq	97
69) Atrazine	16.82	200	260219	46.392	nq	99
70) Pentachlorophenol	17.03	266	296350	88.848	nq	97
71) Phenanthrene	17.40	178	1195135	48.267	nq	99
72) Anthracene	17.49	178	1235762	49.697	nq	97
73) Carbazole	17.77	167	1154397	47.627	nq	100
74) Di-n-butylphthalate	18.33	149	1372740	47.186	nq	97
75) Fluoranthene	19.41	202	1482798	47.081	nq	97
77) Benzidine	19.59	184	375533	25.979	nq	99
78) Pyrene	19.77	202	1486098	50.653	nq	98
80) Butylbenzylphthalate	20.66	149	609491	48.129	nq	99
81) Benzo(a)anthracene	21.60	228	1384830	48.300	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	309940	27.559	nq	99
83) Chrysene	21.67	228	1324486	48.044	nq	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	828062	47.568	nq	99
85) Di-n-octyl phthalate	22.71	149	1409493	47.143	nq	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1710634	47.451	nq	99
88) Benzo(b)fluoranthene	23.78	252	1443207	47.457	nq	97
89) Benzo(k)fluoranthene	23.85	252	1436281	50.271	nq	100
90) Benzo(a)pyrene	24.63	252	1328924	46.921	nq	# 97
91) Dibenzo(a,h)anthracene	28.42	278	1392607	48.930	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1423437	50.007	nq	98

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



#1

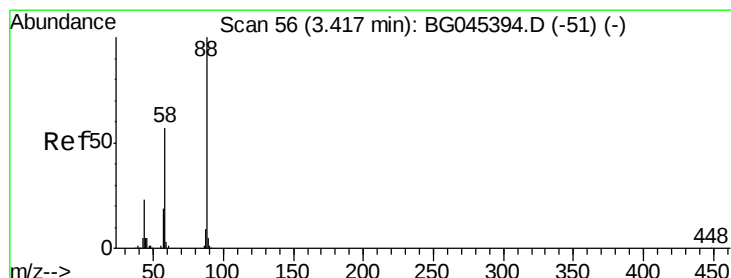
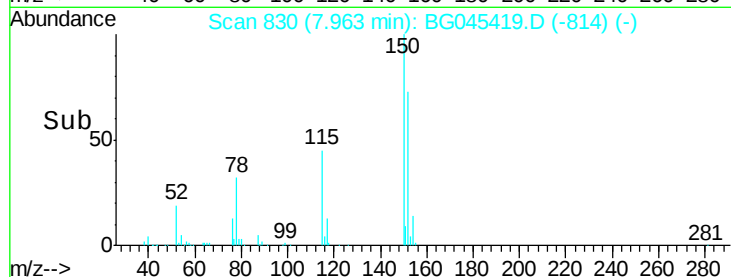
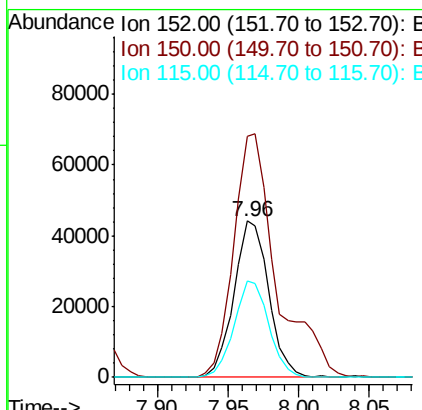
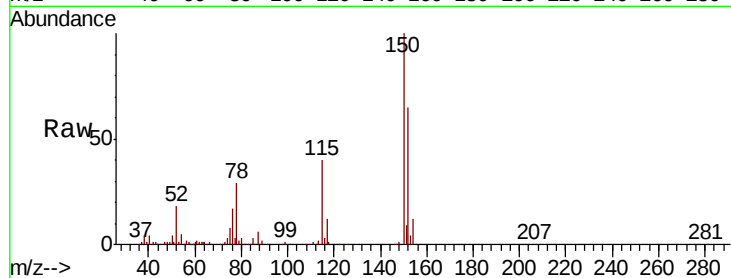
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.4	183.6
115	62.0	44.2	66.4

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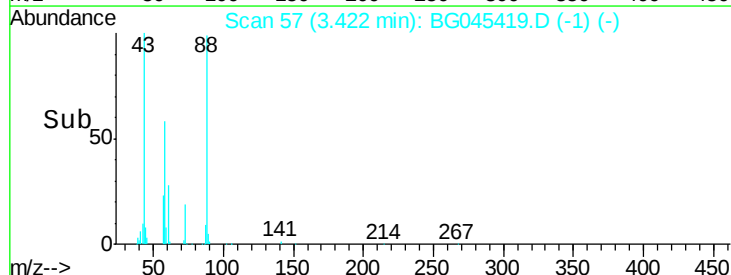
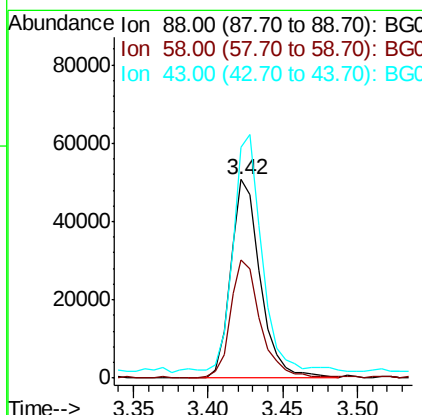
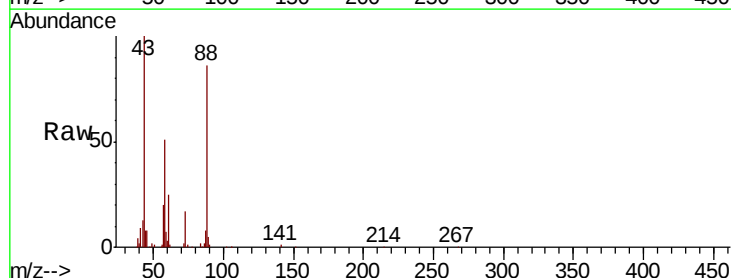
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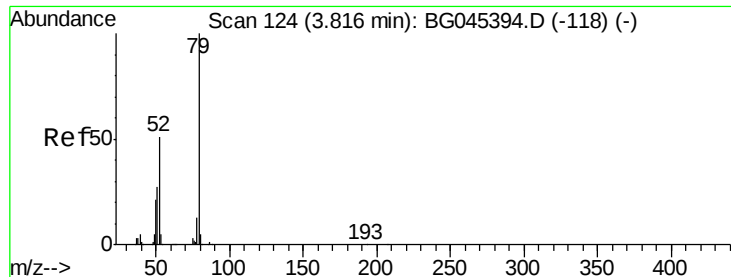


#2

1,4-Dioxane
Concen: 36.764 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	45.7	68.5
43	111.8	16.8	25.2





#3

Pvridine

Concen: 20.211 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.02 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

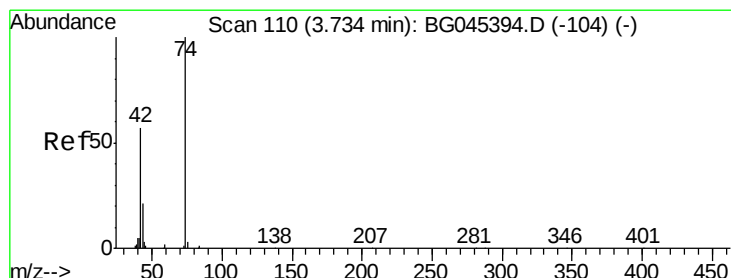
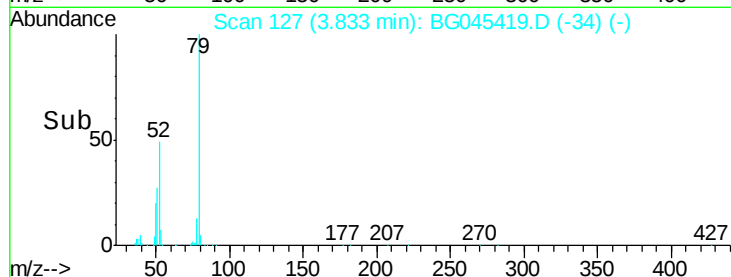
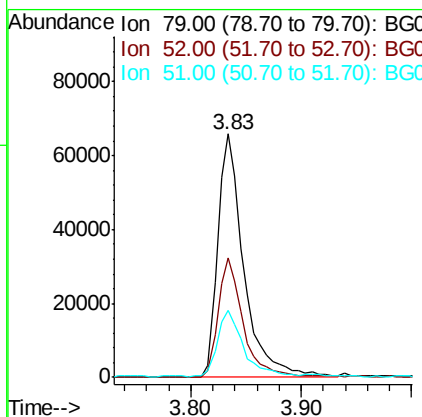
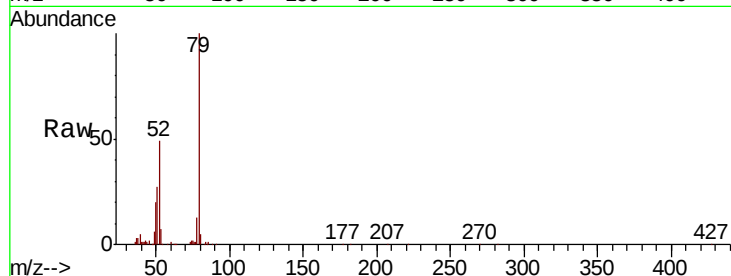
ClientSampleId :

OR-02-051420MSD

Tot Ion:	79	Resp:	108372
Ion Ratio	Lower	Upper	
79	100		
52	49.0	40.8	61.2
51	27.5	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 42.289 ng

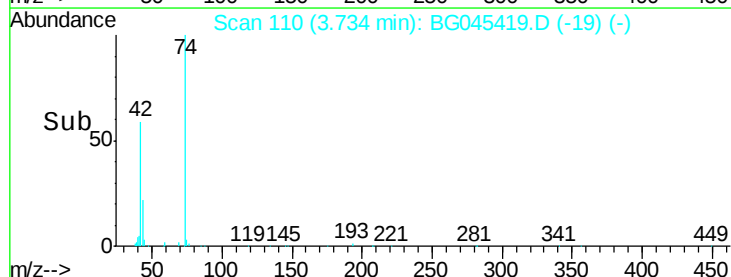
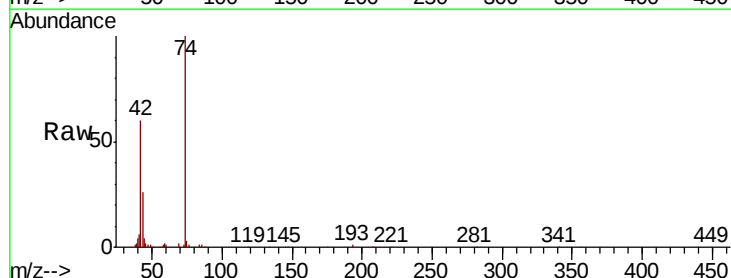
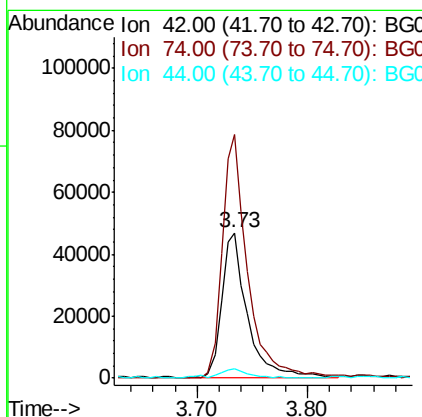
RT: 3.73 min Scan# 110

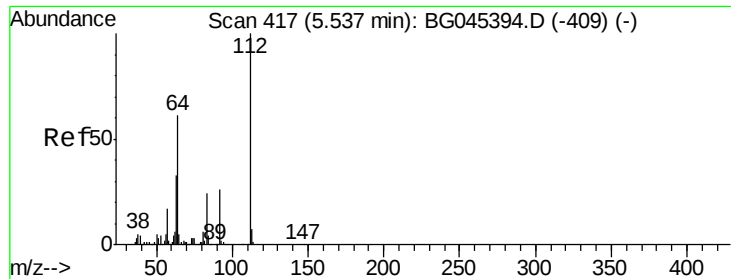
Delta R.T. 0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	42	Resp:	74200
Ion Ratio	Lower	Upper	
42	100		
74	167.8	141.3	211.9
44	6.0	4.2	6.4





#5

2-Fluorophenol

Concen: 132.562 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

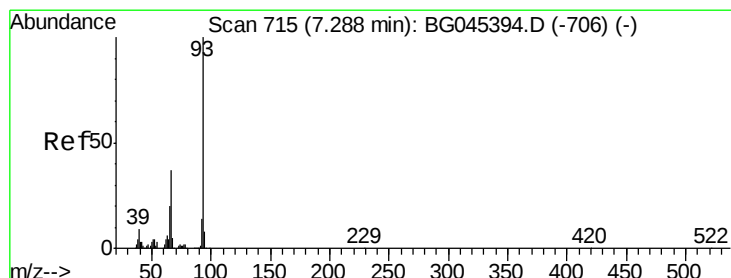
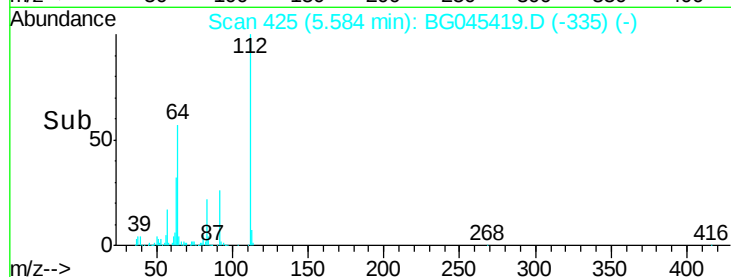
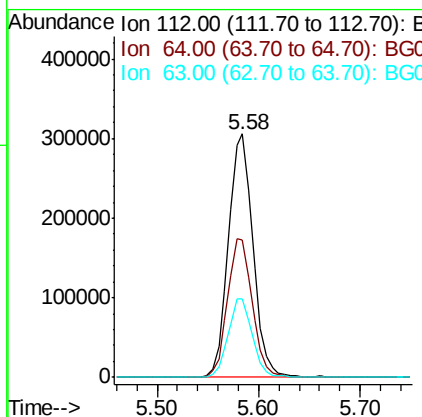
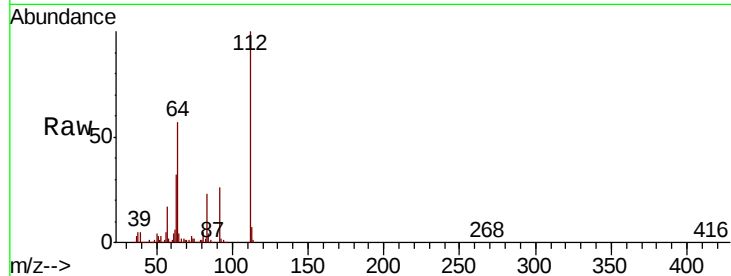
ClientSampleId :

OR-02-051420MSD

Tot Ion:	112	Resp:	514668
Ion Ratio	Lower	Upper	
112	100		
64	56.5	48.6	72.8
63	32.3	26.5	39.7

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#6

Aniline

Concen: 31.736 ng

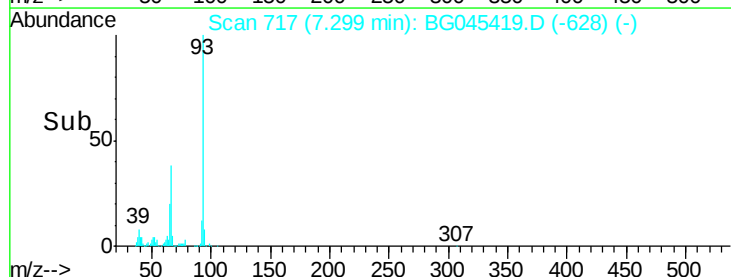
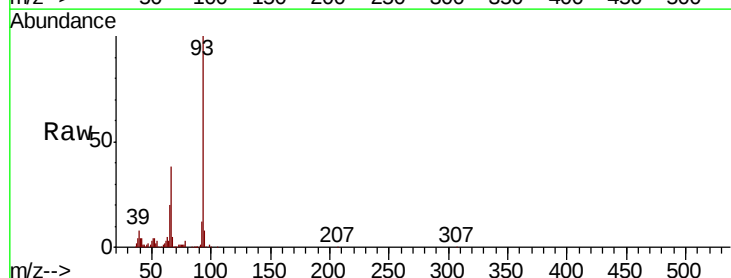
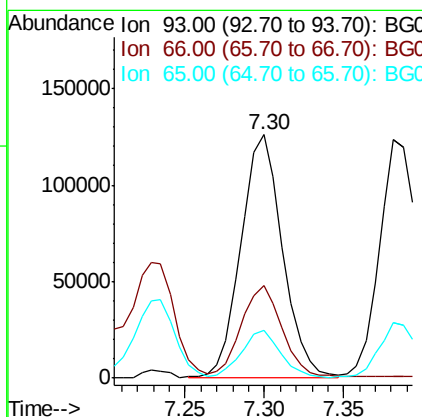
RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	93	Resp:	228932
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.6	44.4
65	19.6	15.9	23.9





#7

Phenol-d6

Concen: 125.208 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

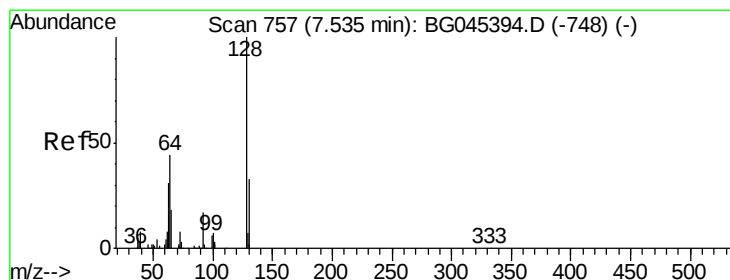
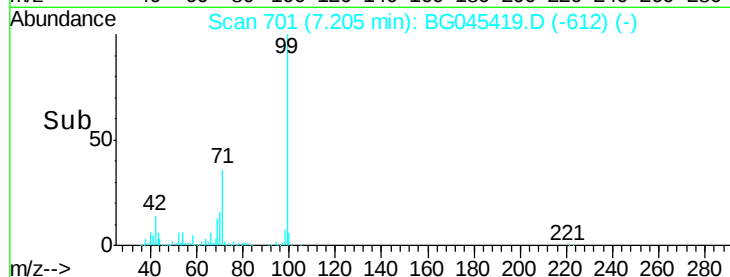
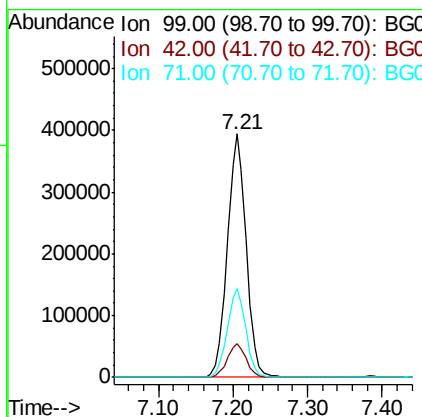
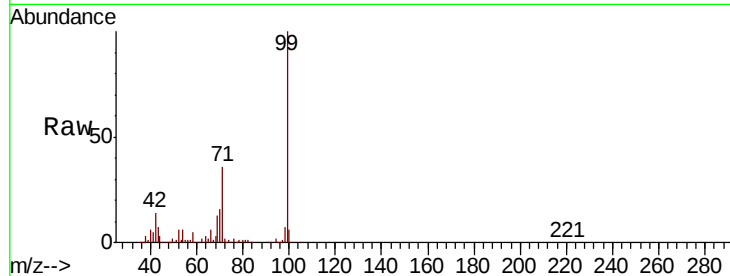
ClientSampleId :

OR-02-051420MSD

Tot Ion:	99	Resp:	691892
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.3	16.9
71	36.5	30.8	46.2

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#8

2-Chlorophenol

Concen: 50.272 ng

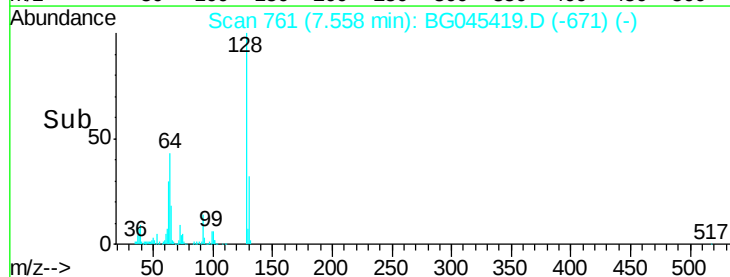
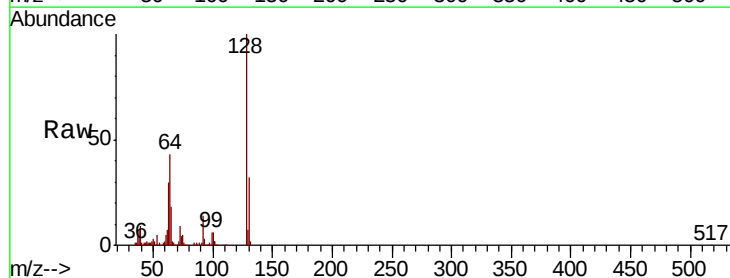
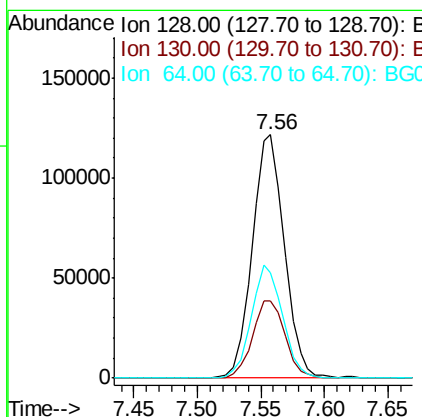
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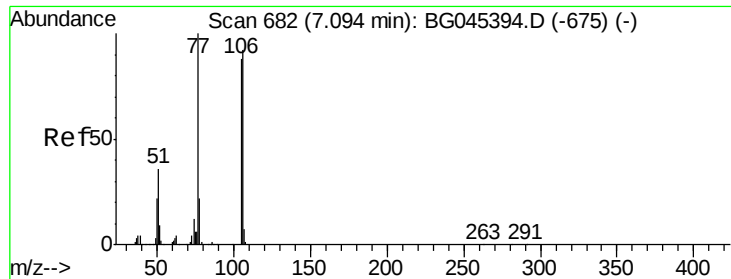
Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	128	Resp:	214039
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.6	52.6
64	43.2	27.0	67.0





#9

Benzaldehyde

Concen: 33.564 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

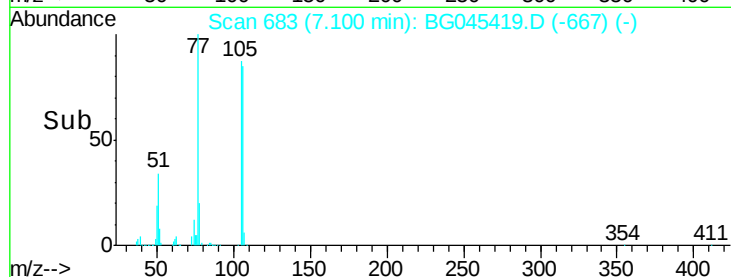
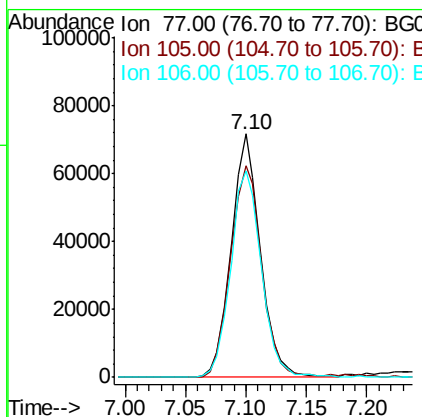
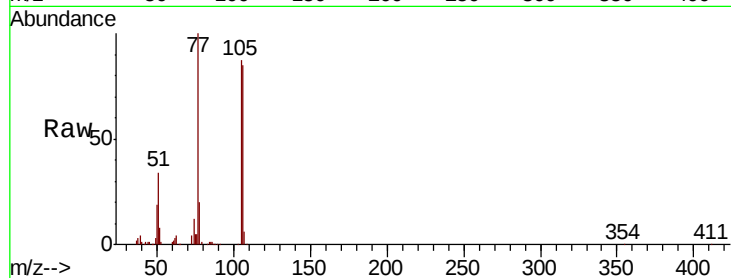
ClientSampleId :

OR-02-051420MSD

Tot Ion:	77	Resp:	120841
Ion Ratio	Lower	Upper	
77	100		
105	86.9	68.5	108.5
106	84.8	71.6	111.6

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#10

Phenol

Concen: 43.744 ng

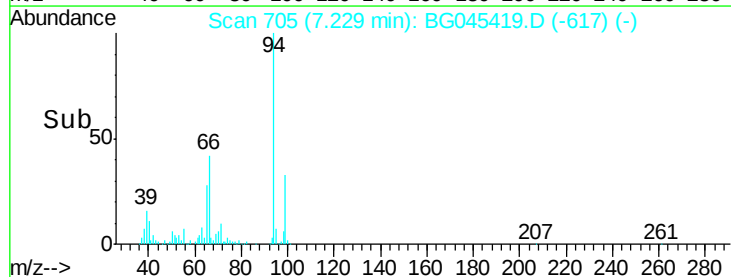
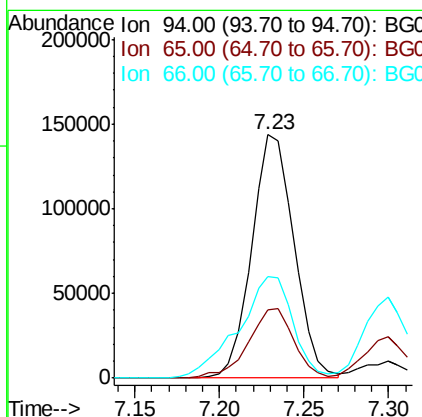
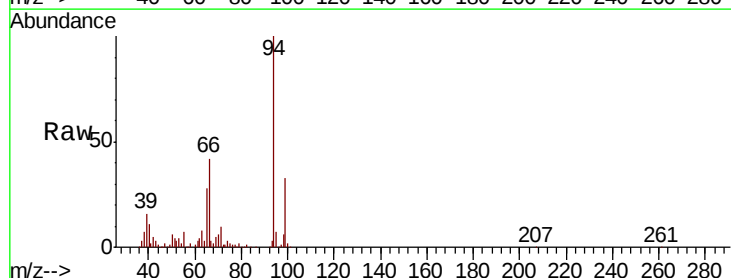
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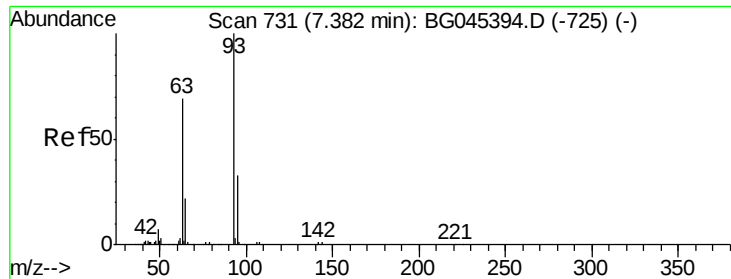
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	94	Resp:	249132
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.8	49.8
66	41.6	22.0	62.0





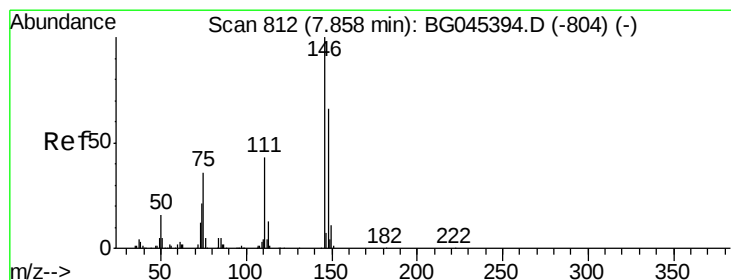
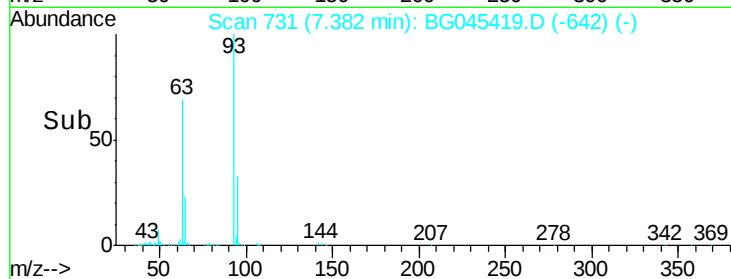
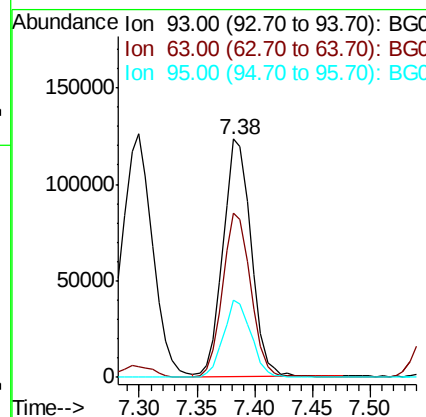
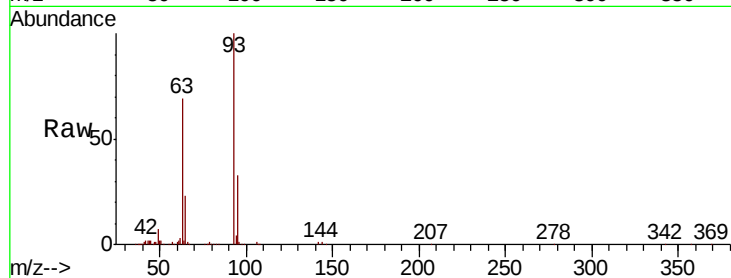
#11
bis(2-Chloroethyl)ether
Concen: 46.836 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	208058		
63	69.1	48.4	88.4	
95	32.6	12.4	52.4	

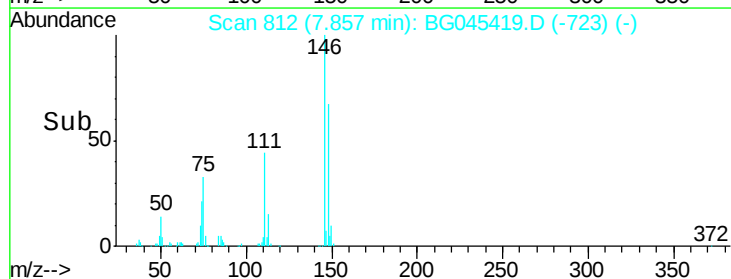
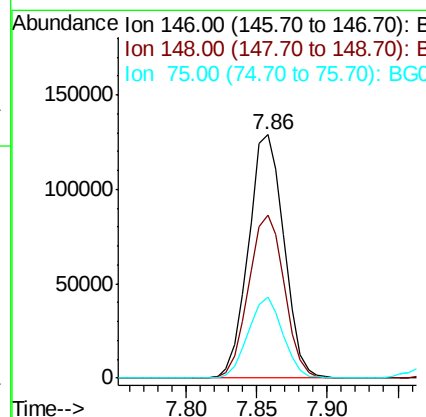
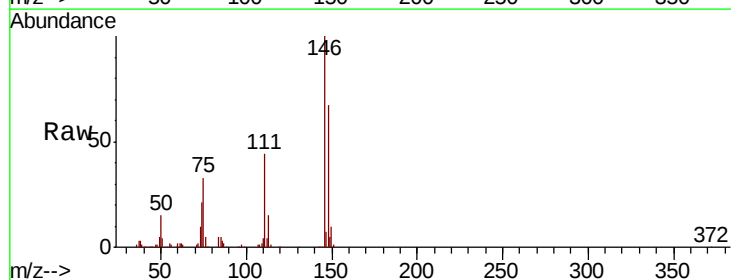
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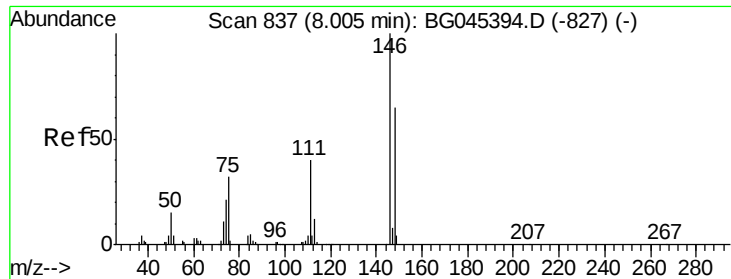
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.511 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	227741		
148	66.8	53.2	79.8	
75	33.3	28.6	43.0	





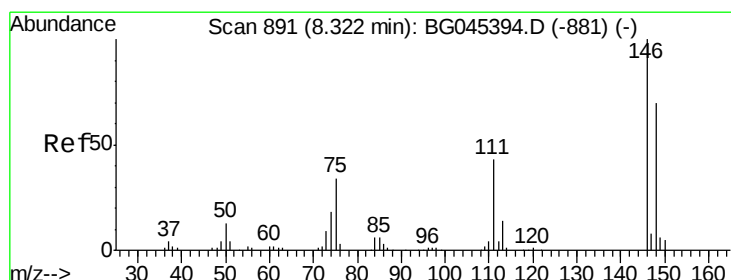
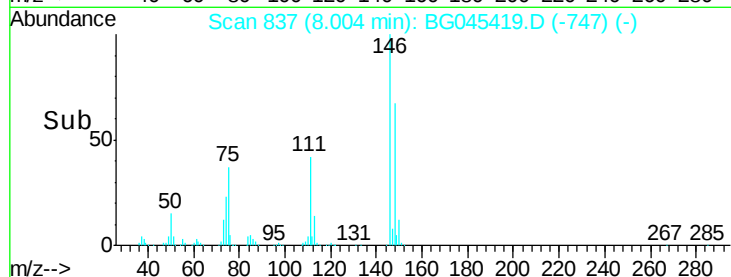
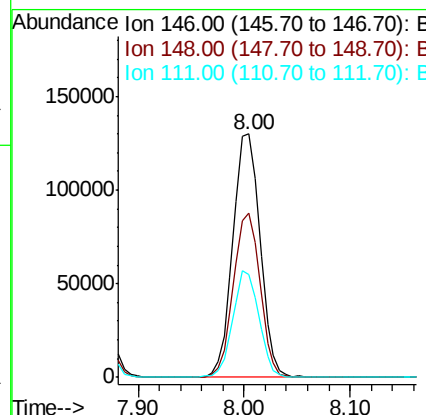
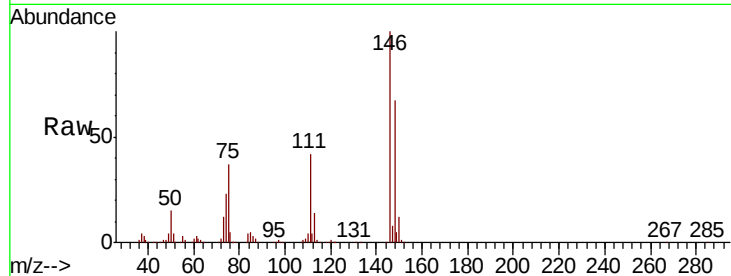
#13
 1,4-Dichlorobenzene
 Concen: 45.926 ng
 RT: 8.00 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.8	77.8
111	42.1	32.1	48.1

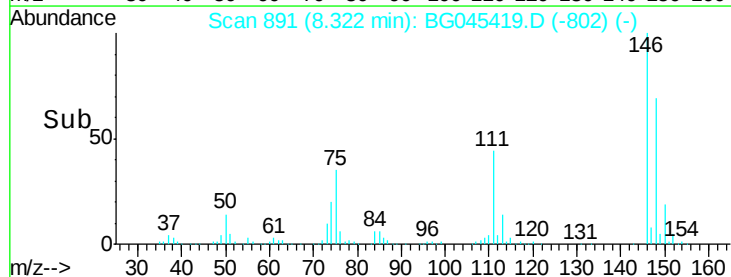
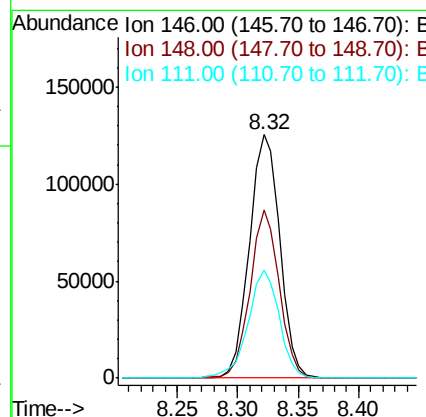
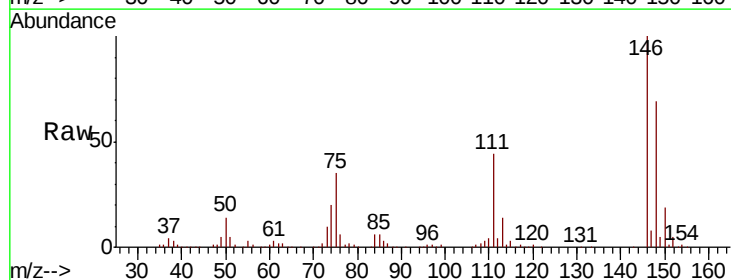
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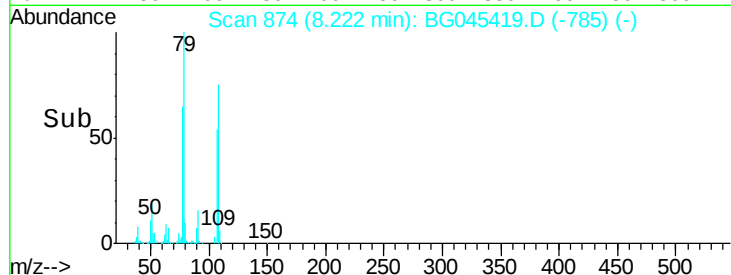
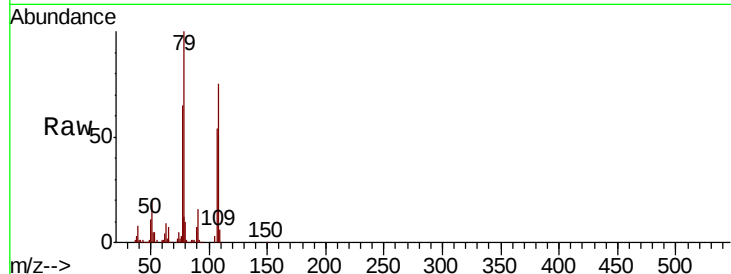
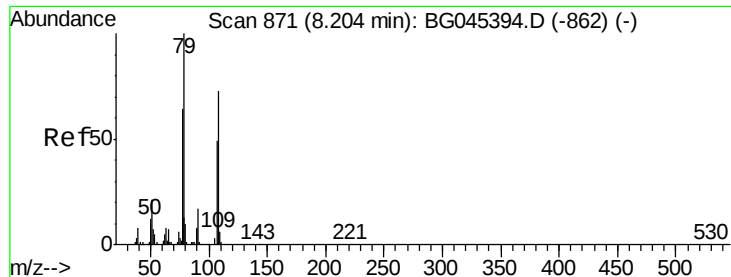
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.601 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	55.9	83.9
111	44.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 50.128 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tot Ion:	79	Resp:	228829
Ion Ratio	Lower	Upper	
79	100		
108	74.9	58.2	87.4
77	64.5	51.0	76.4

Instrument :

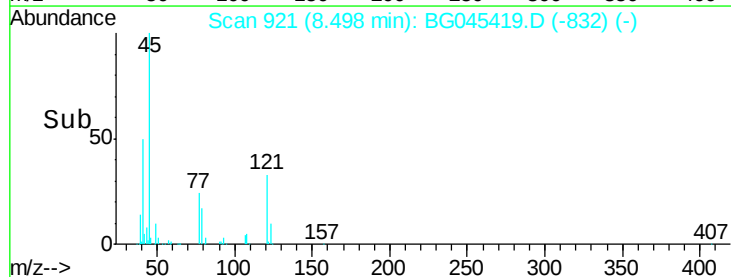
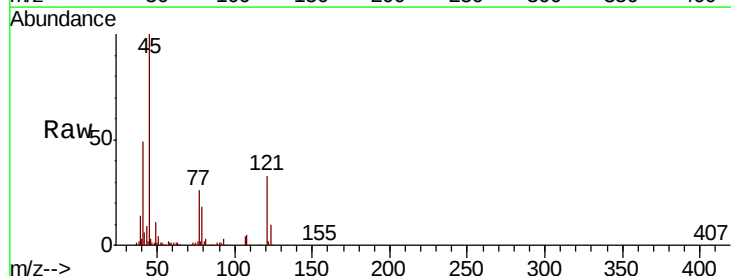
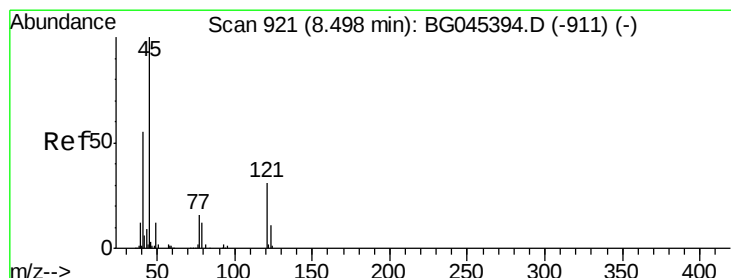
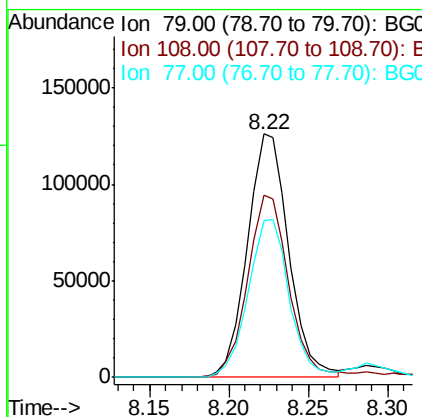
BNA_G

ClientSampleId :

OR-02-051420MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.299 ng

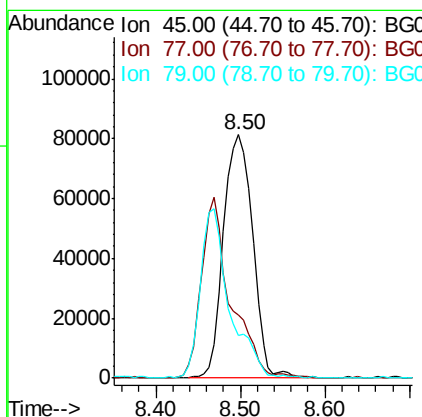
RT: 8.50 min Scan# 921

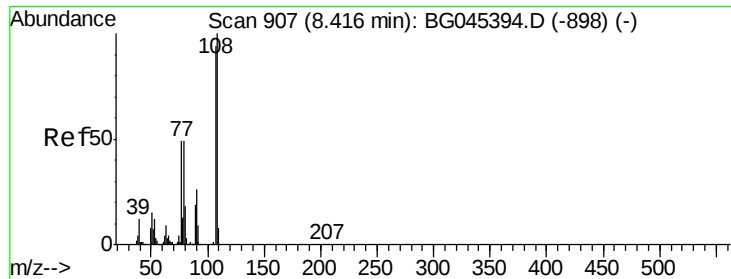
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	45	Resp:	195230
Ion Ratio	Lower	Upper	
45	100		
77	25.8	4.0	44.0
79	17.6	0.0	38.6





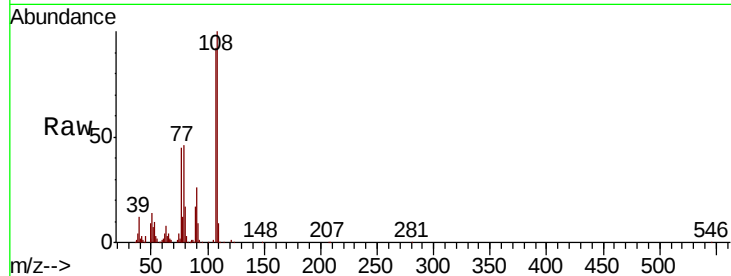
#17
2-Methylphenol
Concen: 46.229 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

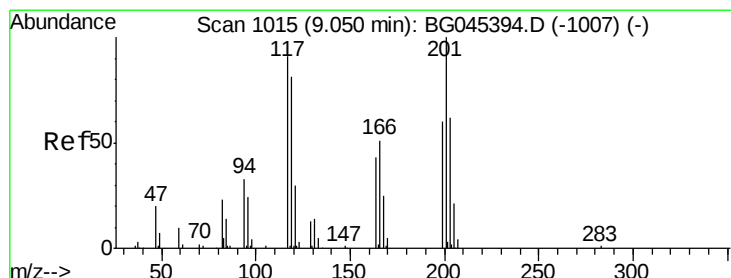
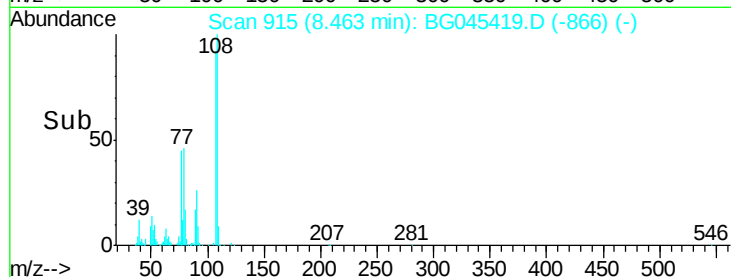
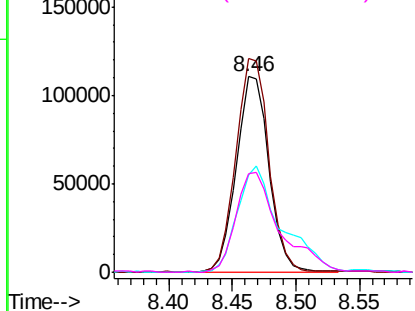
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	85.2	127.8	
77	49.5	41.6	62.4	
79	50.1	41.8	62.8	

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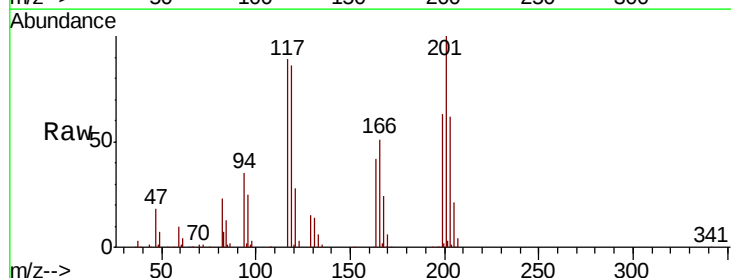


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

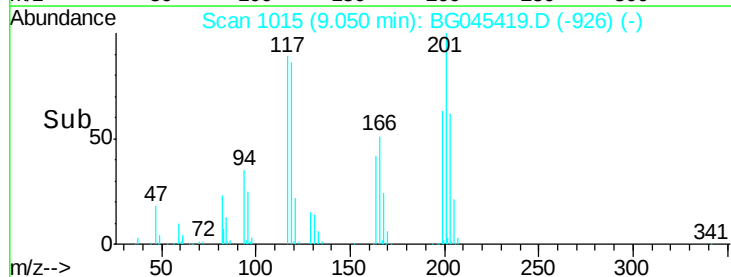
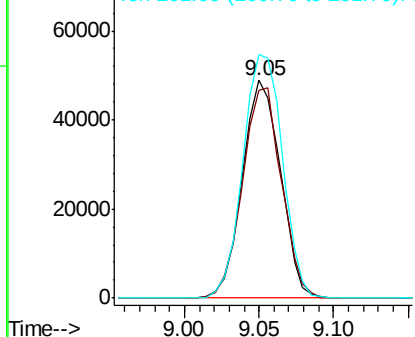


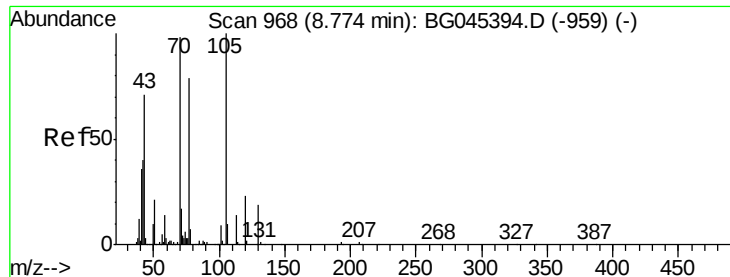
#18
Hexachloroethane
Concen: 44.668 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	71.3	106.9	
201	112.0	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





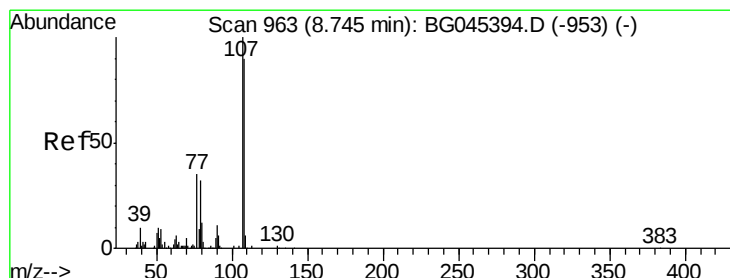
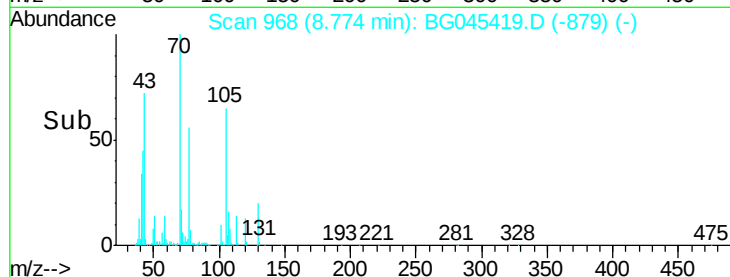
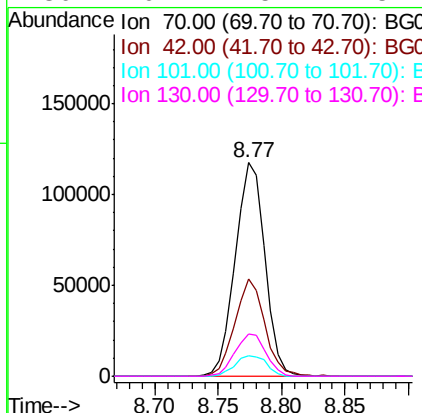
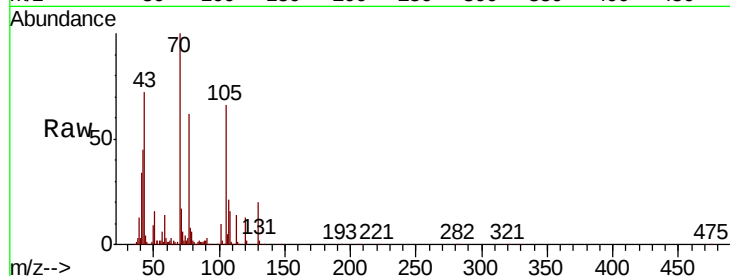
#19
n-Nitroso-di-n-propylamine
Concen: 49.877 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.4	33.2	49.8		
101	9.8	7.8	11.6		
130	20.1	15.4	23.2		

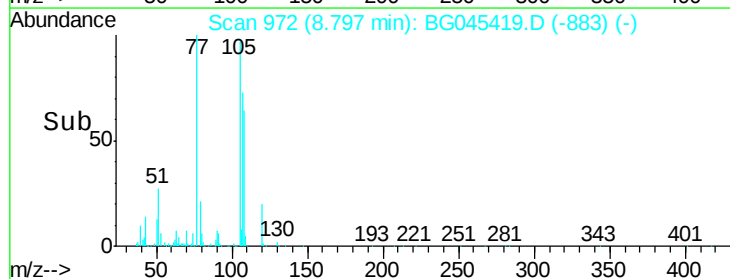
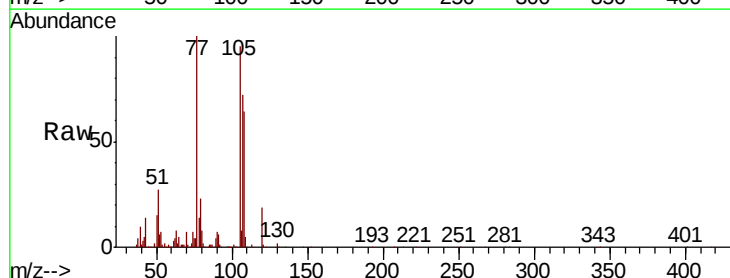
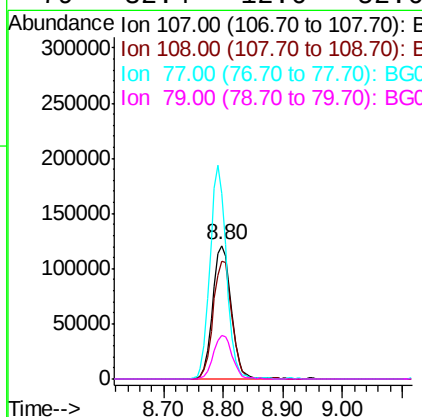
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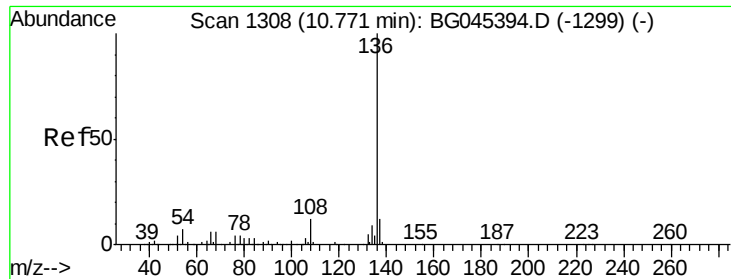
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#20
3+4-Methylphenols
Concen: 45.243 ng m
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	70.3	110.3		
77	139.2	15.4	55.4#		
79	32.4	12.6	52.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045419.D

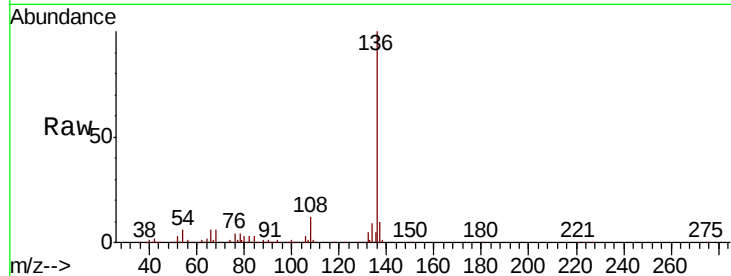
Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

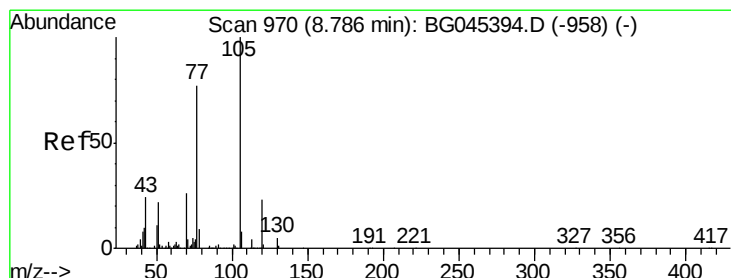
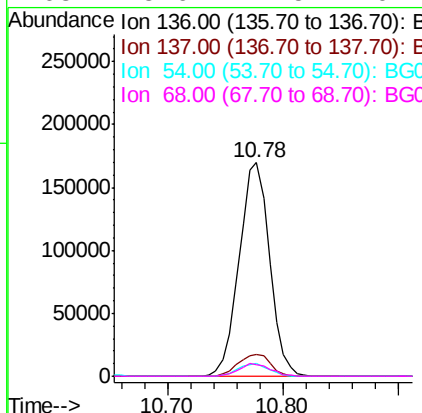
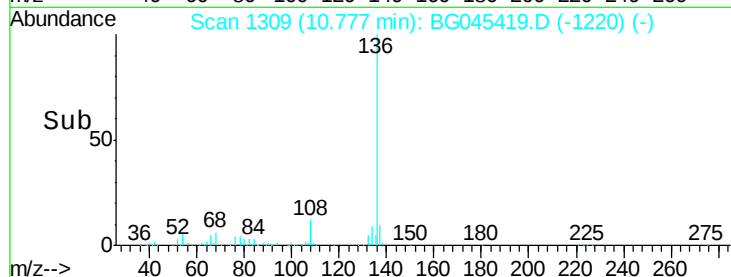
OR-02-051420MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100	311038		
137	10.4		9.4	14.2
54	5.7		5.8	8.6#
68	5.6		4.5	6.7

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#22

Acetophenone

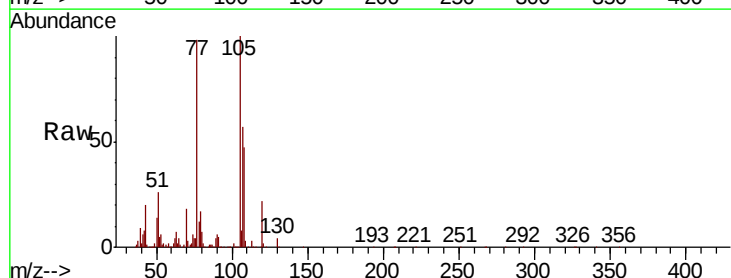
Concen: 47.699 ng

RT: 8.79 min Scan# 971

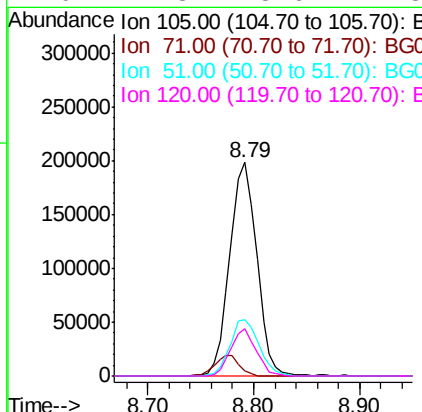
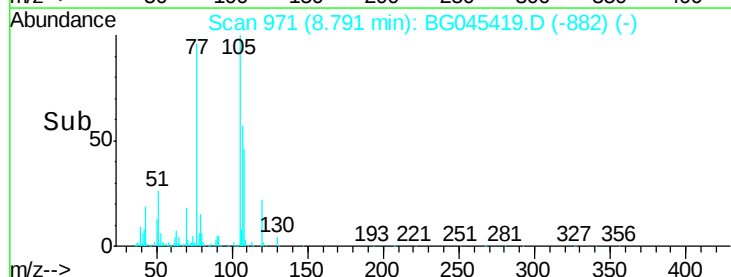
Delta R.T. -0.01 min

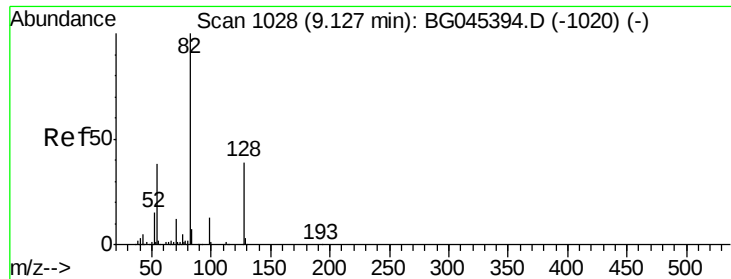
Lab File: BG045419.D

Acq: 18 May 2020 19:08



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351633		
71	2.6		3.4	5.0#
51	26.4		18.2	27.2
120	22.3		18.6	27.8





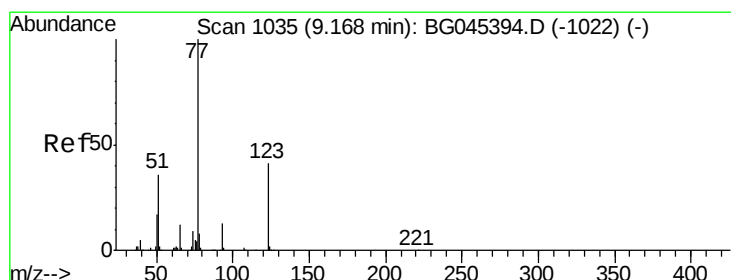
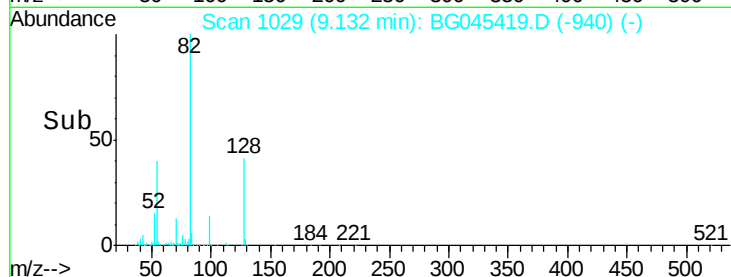
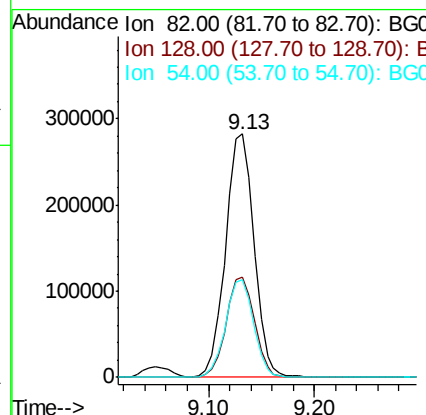
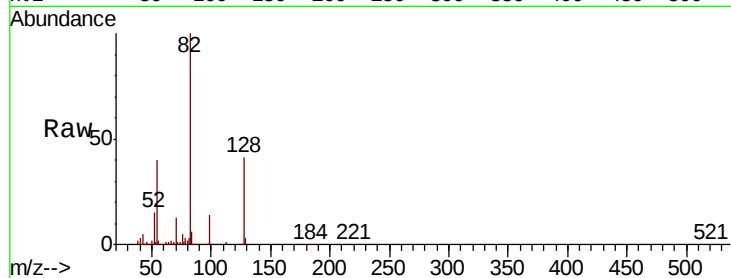
#23
 Nitrobenzene-d5
 Concen: 92.264 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.9	46.3
54	39.9	30.3	45.5

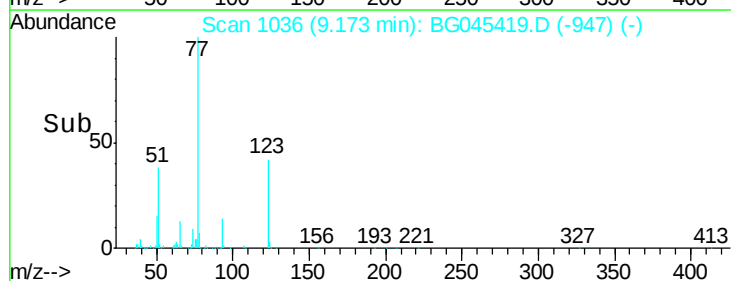
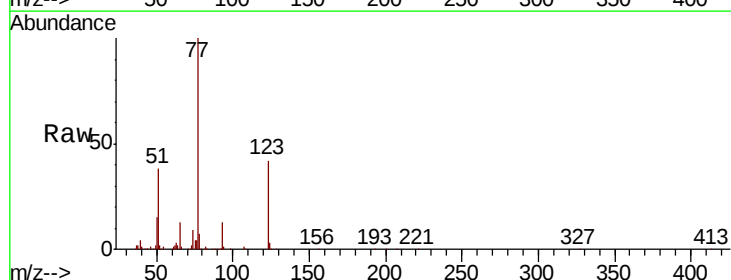
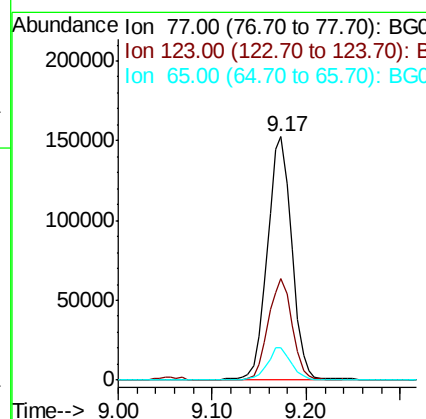
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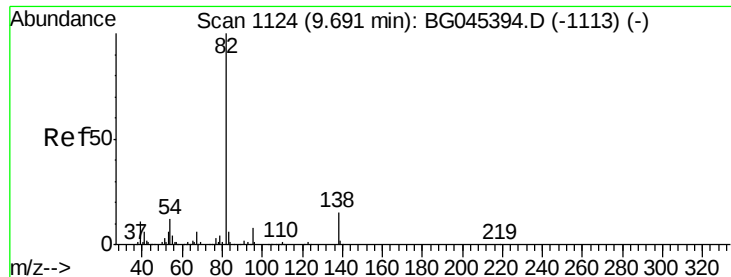
mohammad
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#24
 Nitrobenzene
 Concen: 44.867 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.9	49.3
65	13.2	9.4	14.2





#25

Isophorone

Concen: 48.796 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

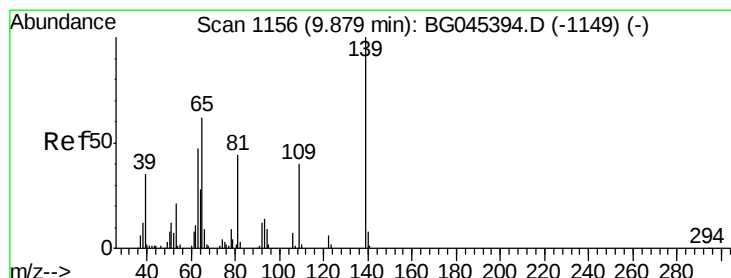
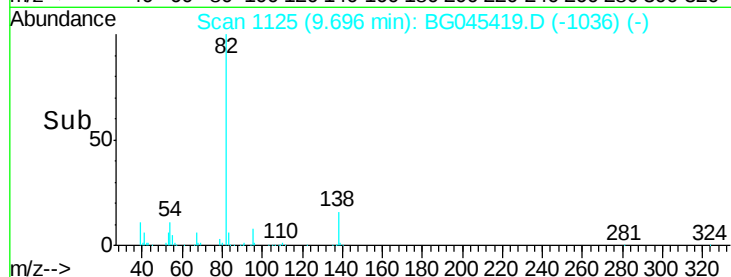
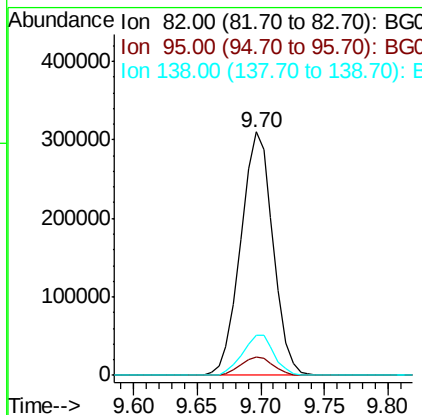
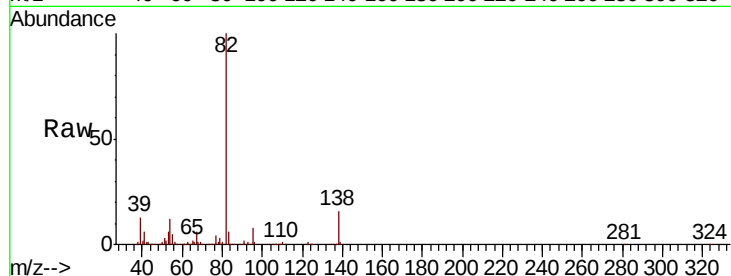
ClientSampleId :

OR-02-051420MSD

Tot Ion:	82	Resp:	548121
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.7	10.1
138	16.4	12.2	18.4

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#26

2-Nitrophenol

Concen: 48.630 ng

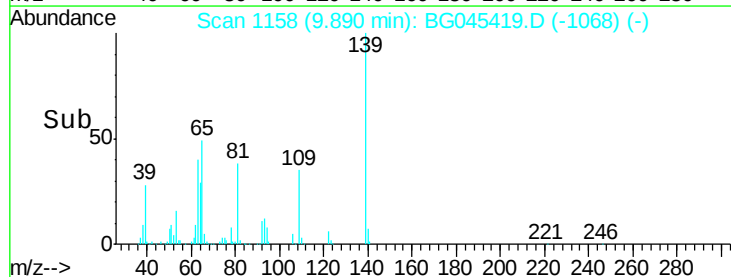
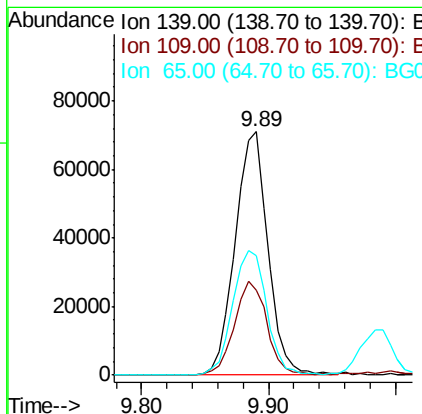
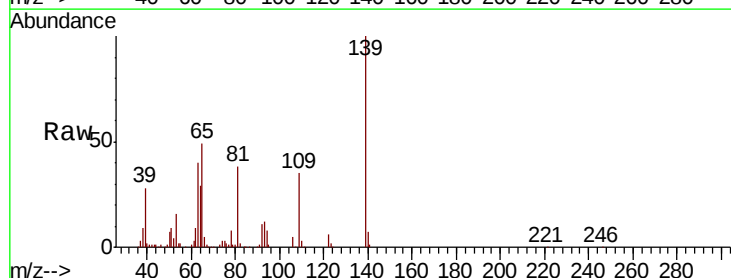
RT: 9.89 min Scan# 1158

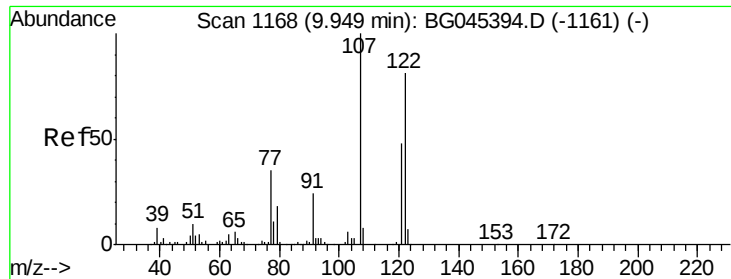
Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	139	Resp:	127128
Ion Ratio	Lower	Upper	
139	100		
109	35.1	32.2	48.4
65	49.2	49.6	74.4#





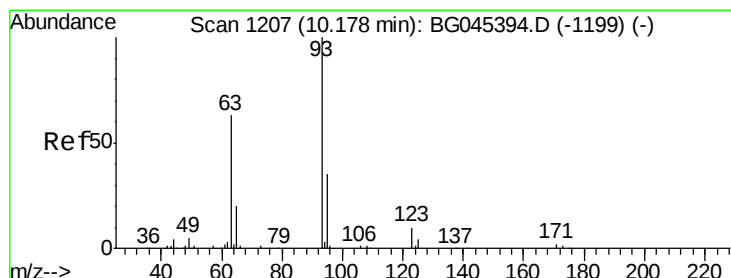
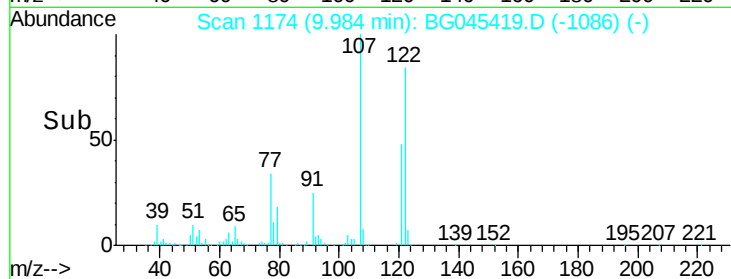
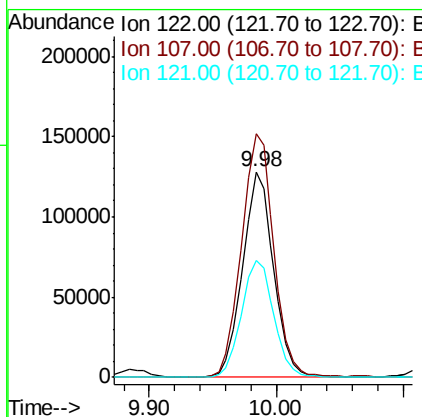
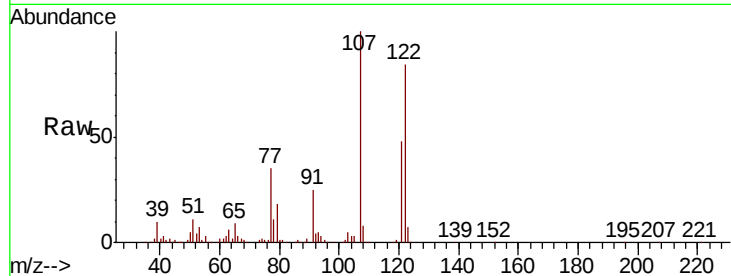
#27
 2,4-Dimethylphenol
 Concen: 56.009 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	217161		
107	118.4	99.0	148.4	
121	56.9	47.7	71.5	

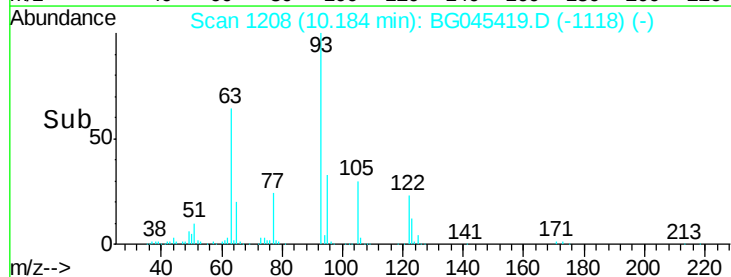
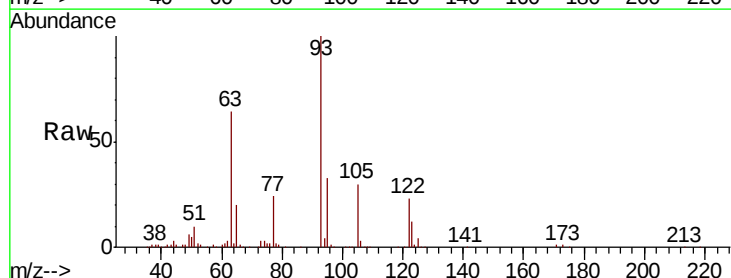
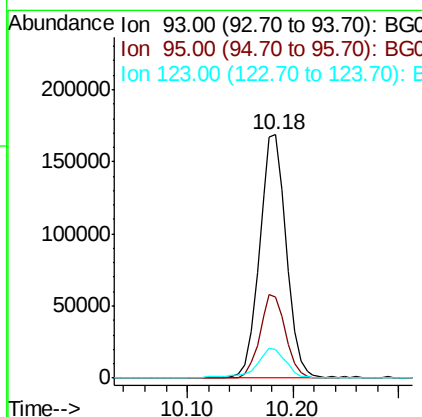
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.281 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296202		
95	33.4	27.6	41.4	
123	11.8	8.1	12.1	





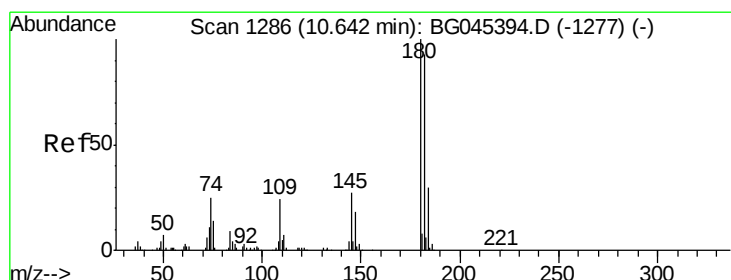
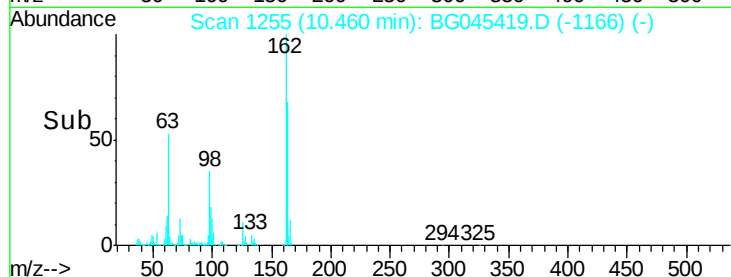
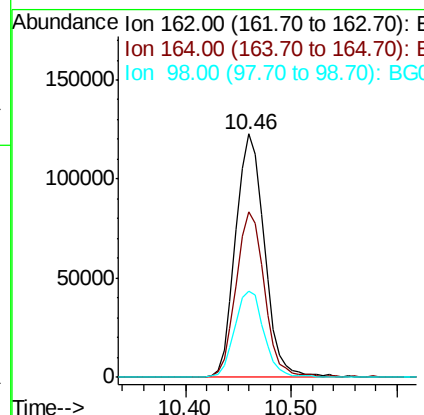
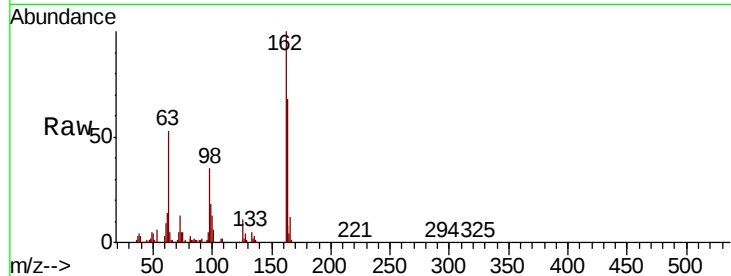
#29
 2,4-Dichlorophenol
 Concen: 50.645 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.8	86.8
98	35.4	15.2	55.2

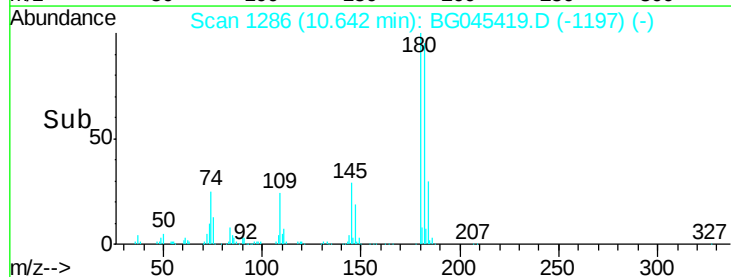
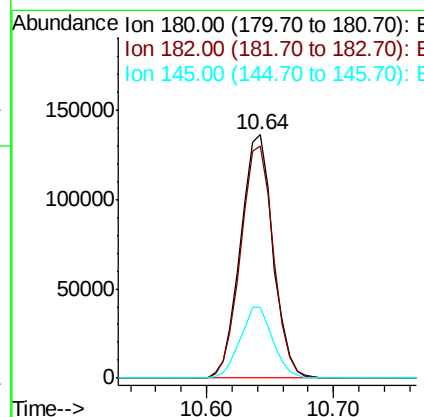
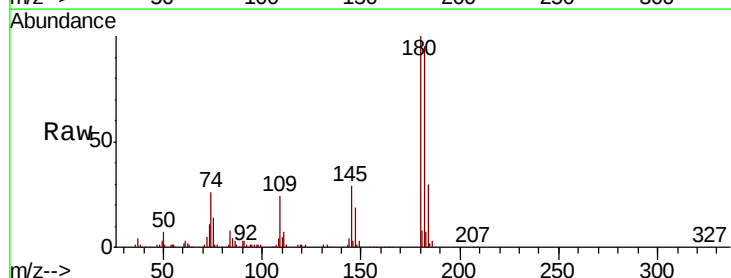
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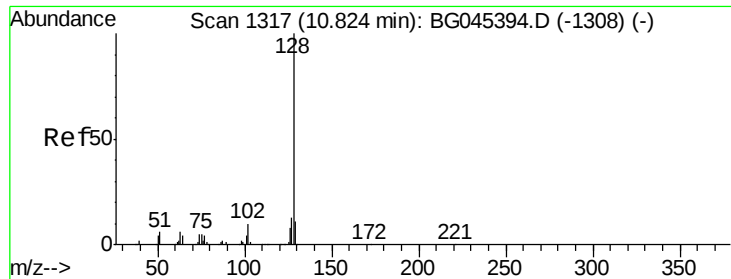
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.717 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.8	112.2
145	28.9	21.9	32.9





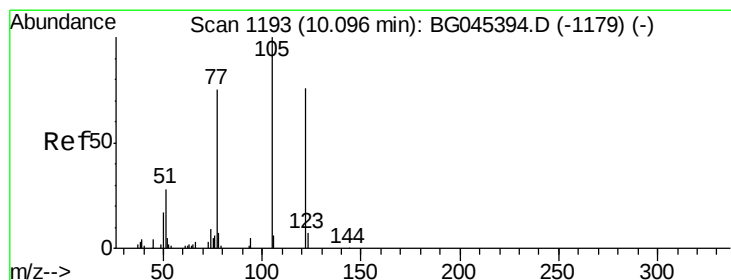
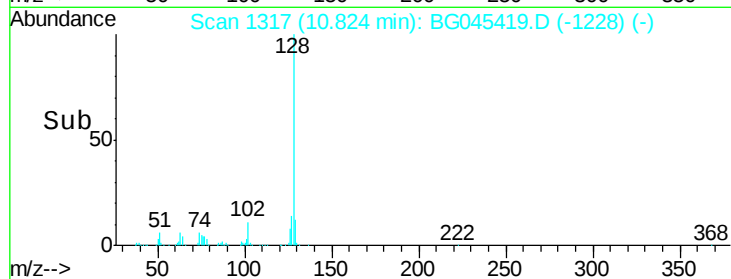
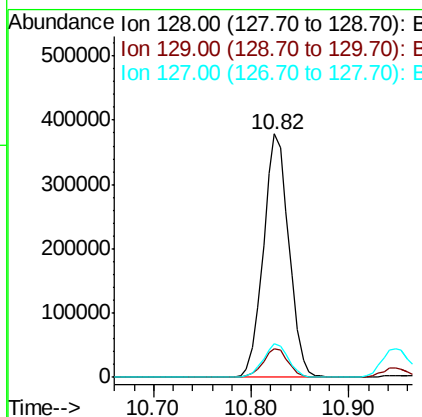
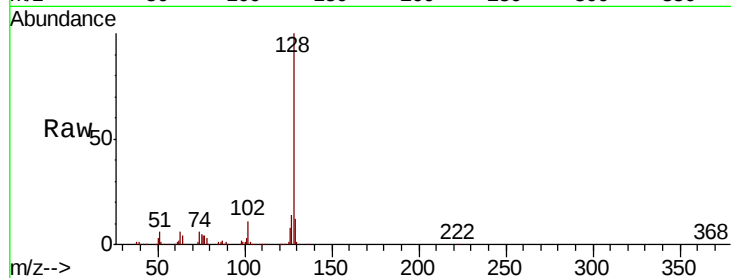
#31
Naphthalene
Concen: 47.728 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

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

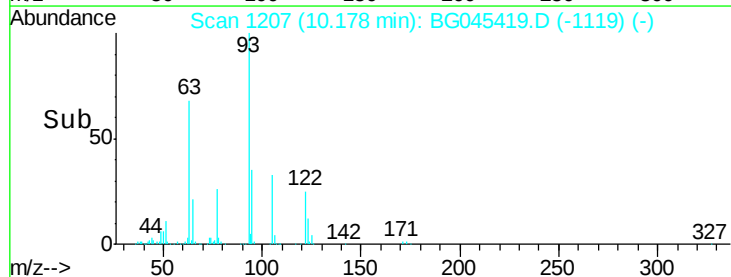
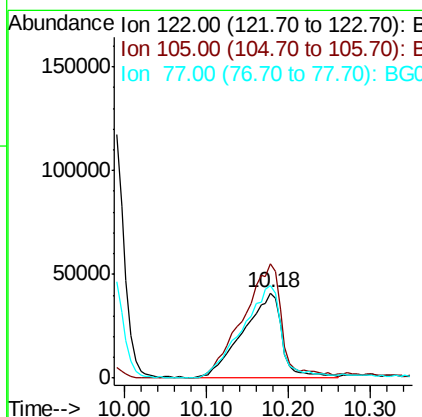
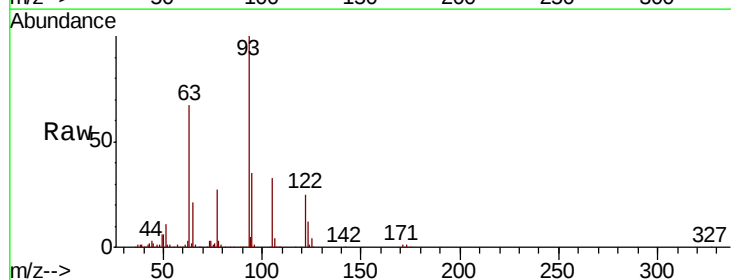
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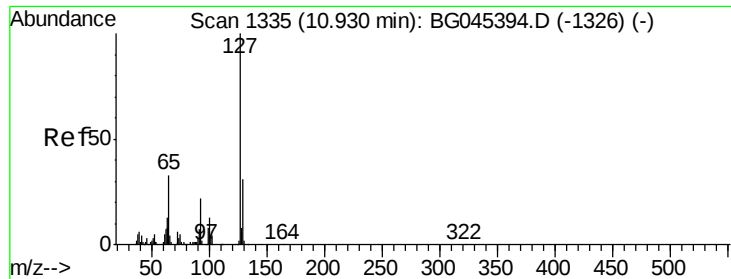
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#32
Benzoic acid
Concen: 51.298 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	107.9	147.9
77	108.0	78.9	118.9





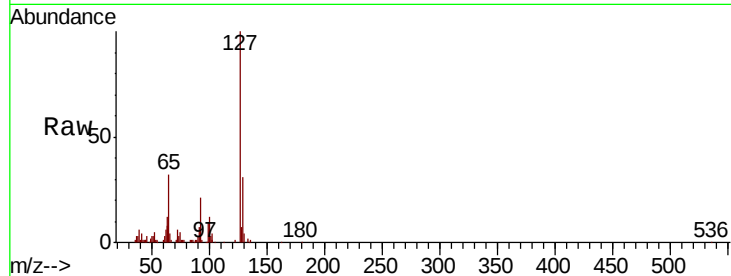
#33
4-Chloroaniline
Concen: 15.968 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	31.8	26.2	39.2
92	21.1	17.9	26.9

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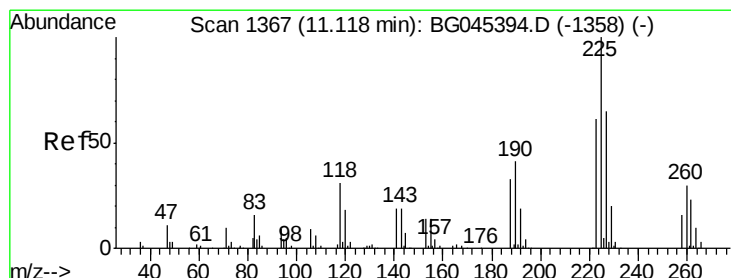
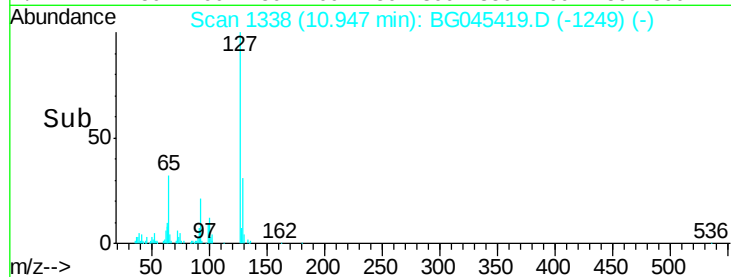
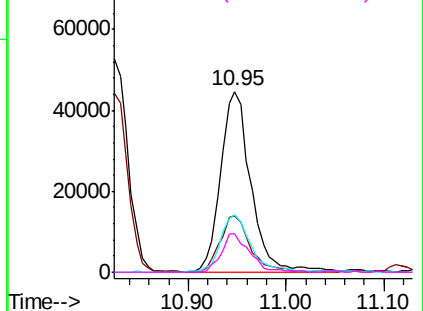
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

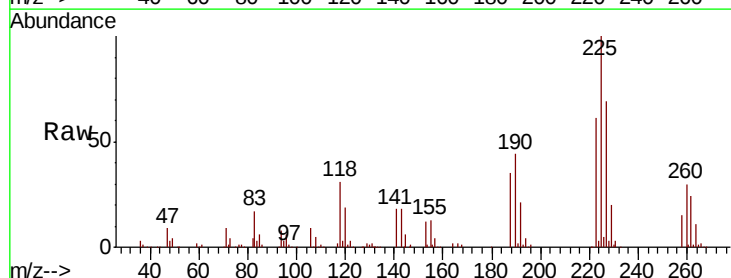
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.700 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.1	73.7
227	69.4	52.0	78.0

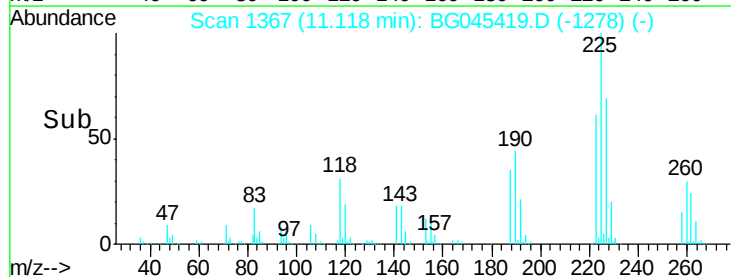
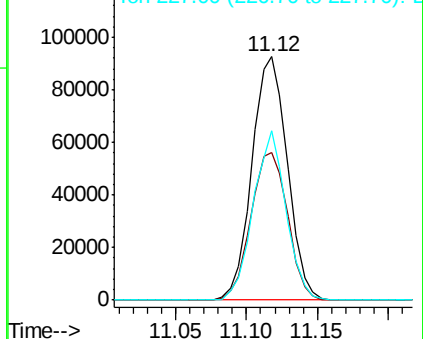


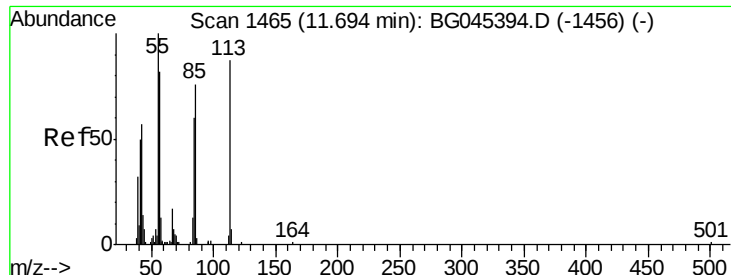
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.731 ng/mL

RT: 11.71 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

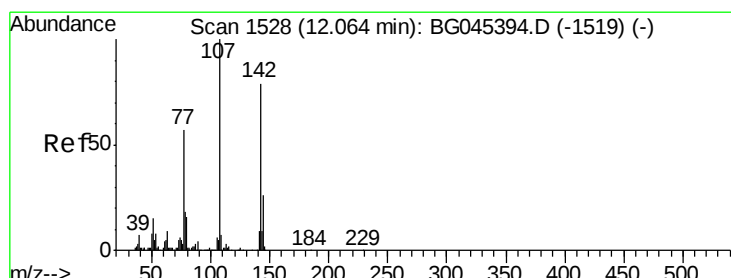
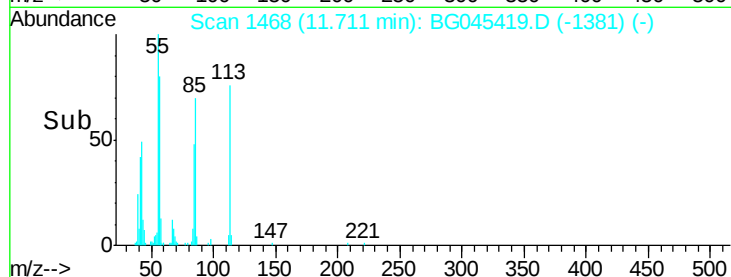
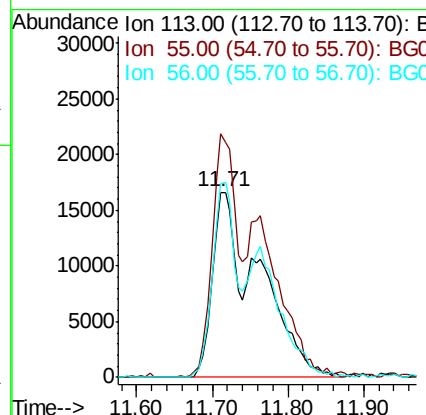
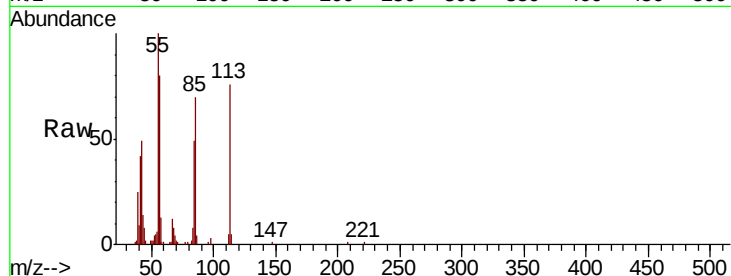
ClientSampleId :

OR-02-051420MSD

Tot Ion:	113	Resp:	70133
Ion	Ratio	Lower	Upper
113	100		
55	131.5	96.0	136.0
56	104.6	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 54.065 ng/mL

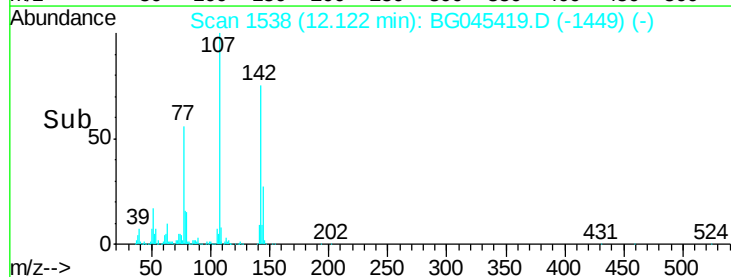
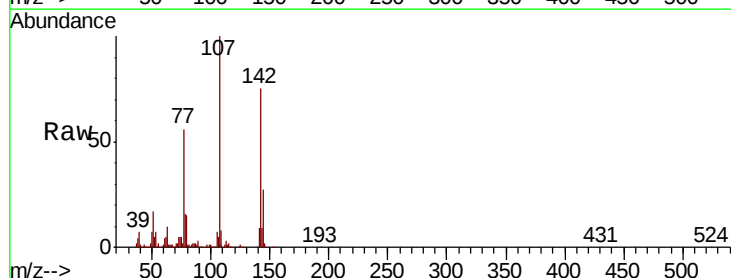
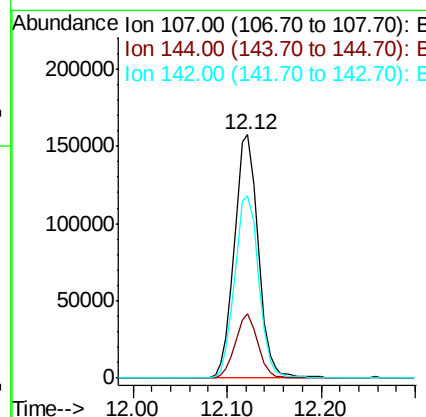
RT: 12.12 min Scan# 1538

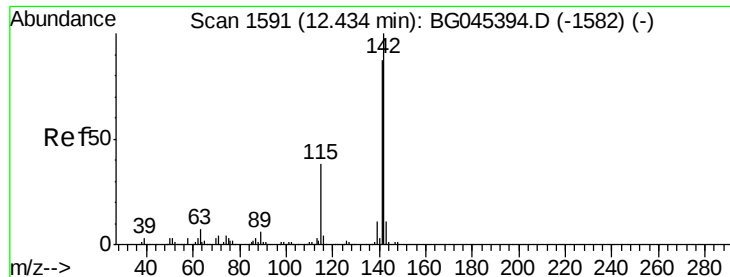
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	107	Resp:	278937
Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.8	31.2
142	75.0	62.8	94.2





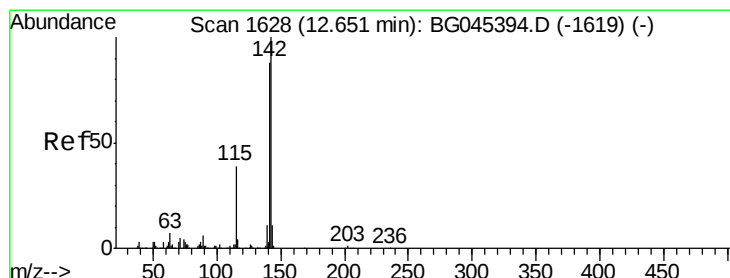
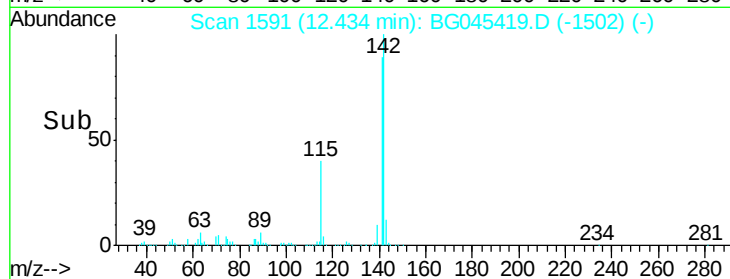
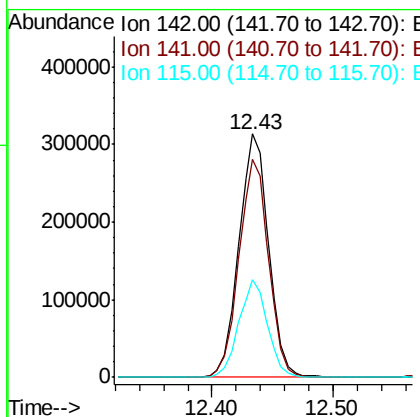
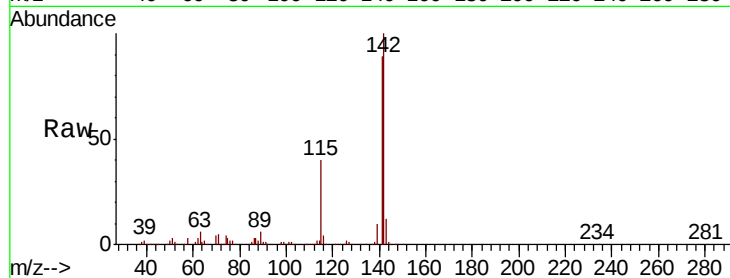
#37
 2-Methylnaphthalene
 Concen: 49.510 ng
 RT: 12.43 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	39.9	30.8	46.2

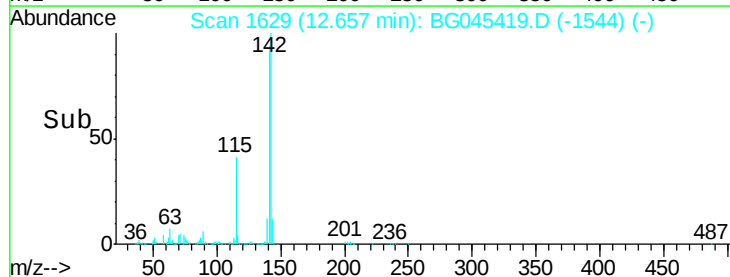
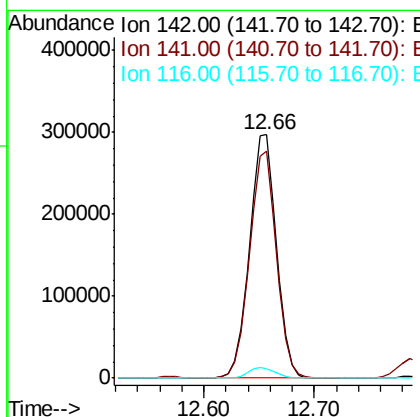
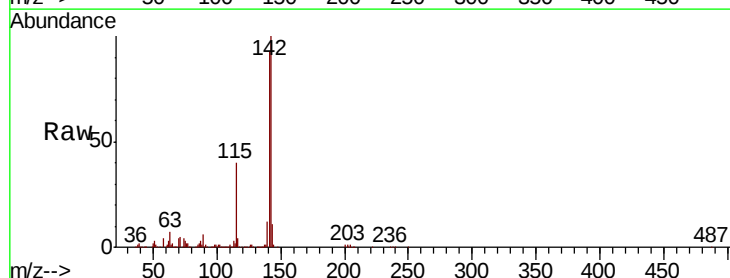
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#38
 1-Methylnaphthalene
 Concen: 49.762 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.8	106.2
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

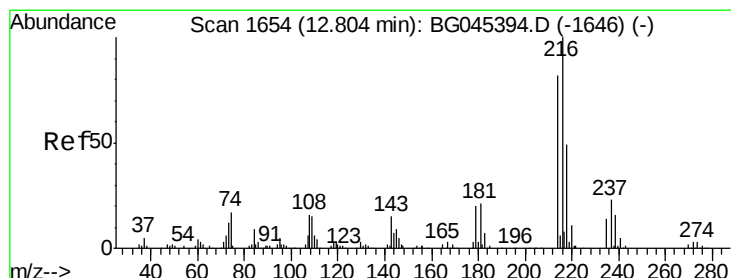
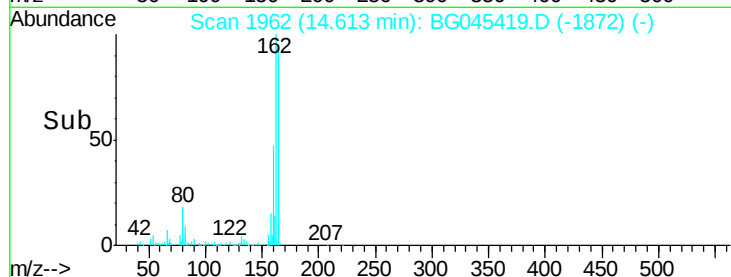
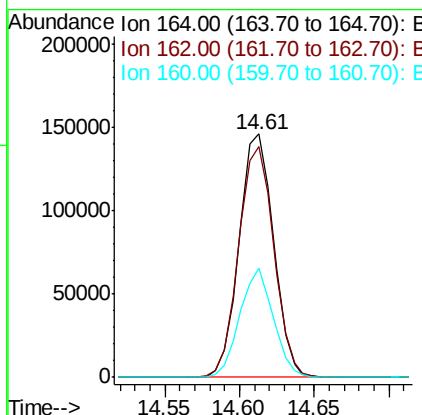
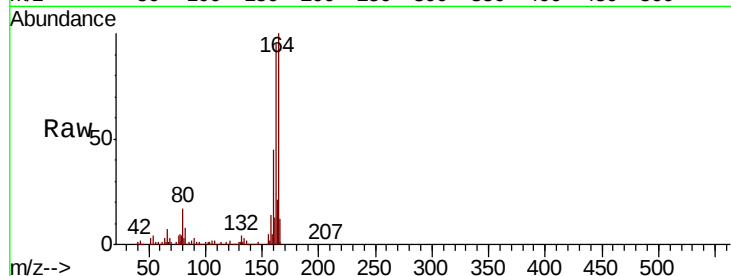
ClientSampleId :

OR-02-051420MSD

Tot Ion:	164	Resp:	233541
Ion Ratio	Lower	Upper	
164	100		
162	94.8	76.9	115.3
160	44.9	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.642 ng

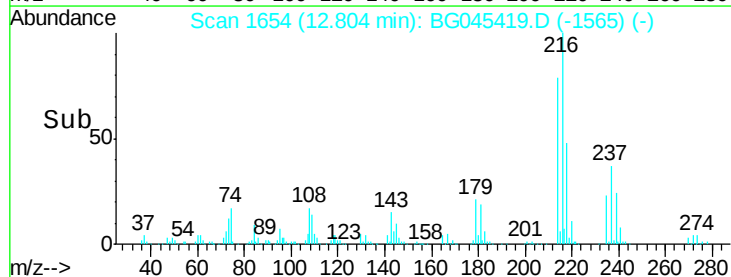
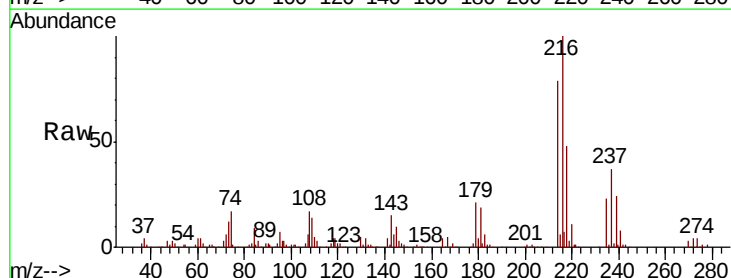
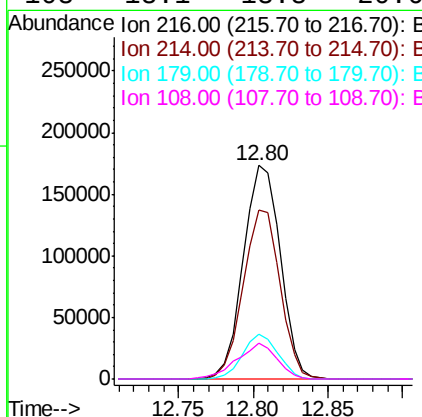
RT: 12.80 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	216	Resp:	297727
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.7	95.5
179	20.2	16.1	24.1
108	18.1	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 88.881 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

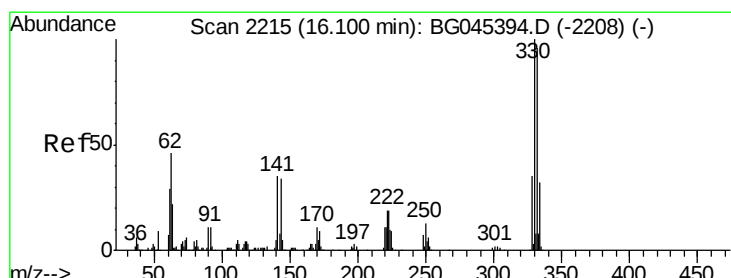
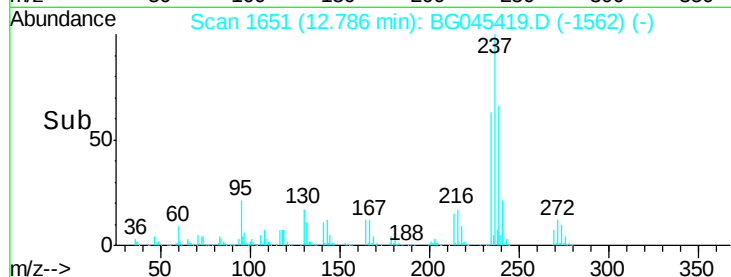
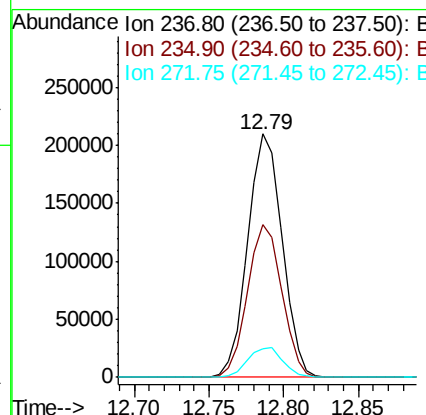
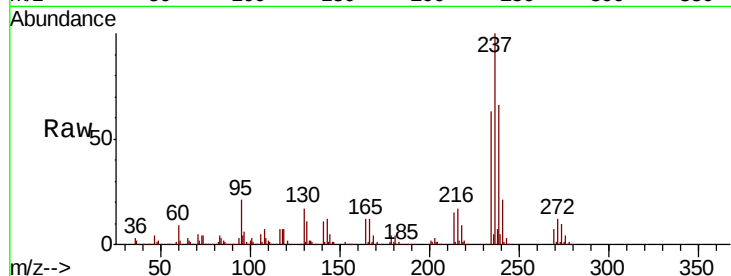
ClientSampleId :

OR-02-051420MSD

Tot Ion:	237	Resp:	334641
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.4	84.4
272	11.9	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 140.942 ng

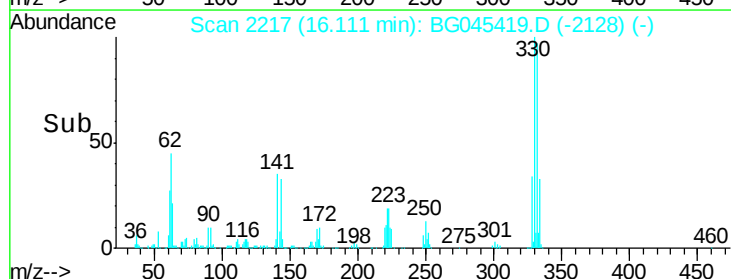
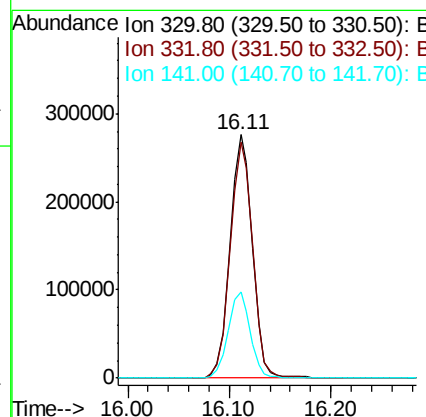
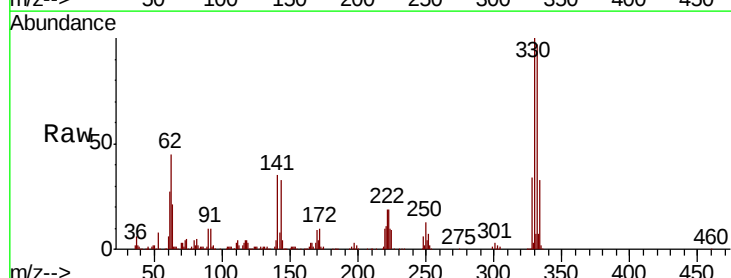
RT: 16.11 min Scan# 2217

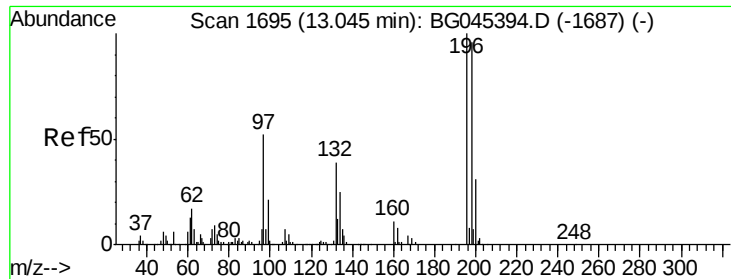
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	330	Resp:	420956
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.2	117.4
141	35.2	28.2	42.4





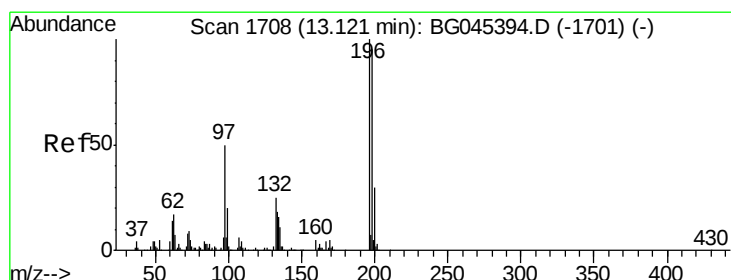
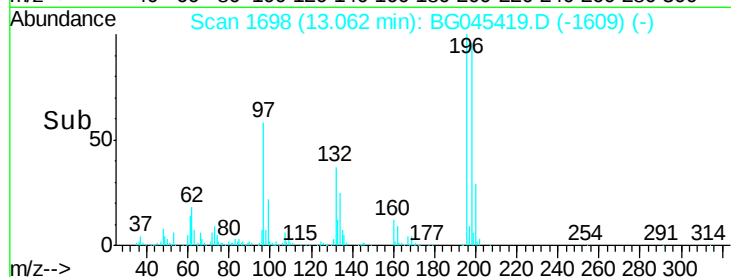
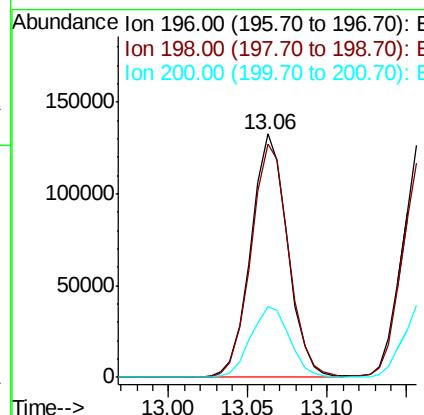
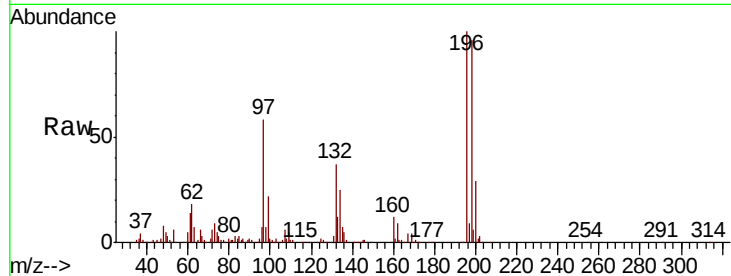
#43
2,4,6-Trichlorophenol
Concen: 47.097 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213414		
198	95.9	76.7	115.1	
200	29.3	24.9	37.3	

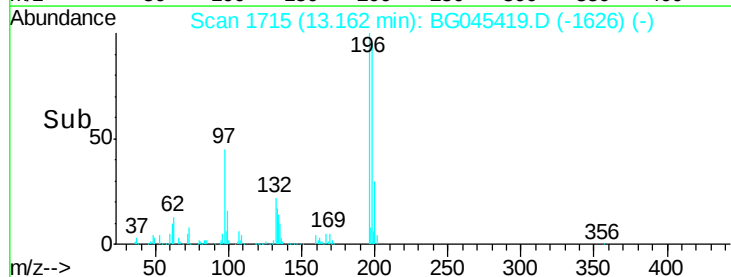
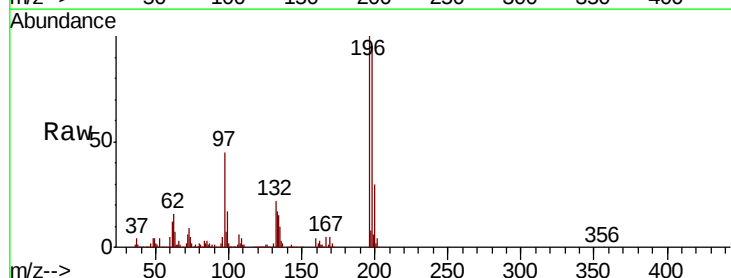
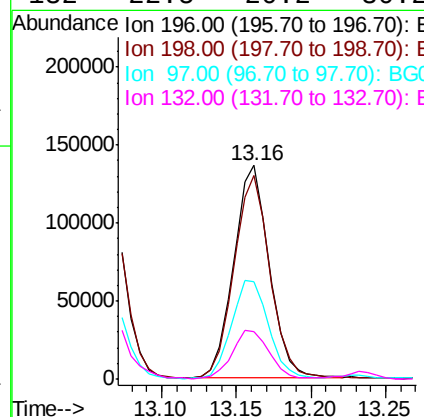
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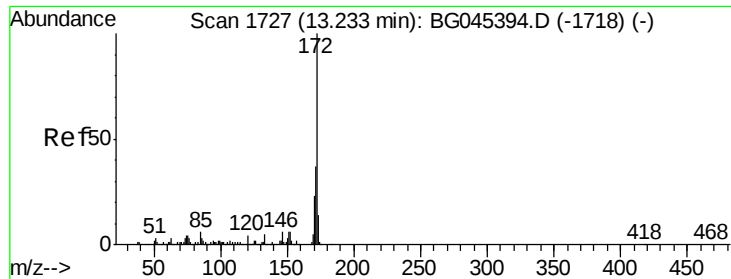
mohammad
5/19/2020 3:06:02 PM



#44
2,4,5-Trichlorophenol
Concen: 43.792 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226763		
198	95.5	76.1	114.1	
97	45.4	40.0	60.0	
132	22.5	20.2	30.2	





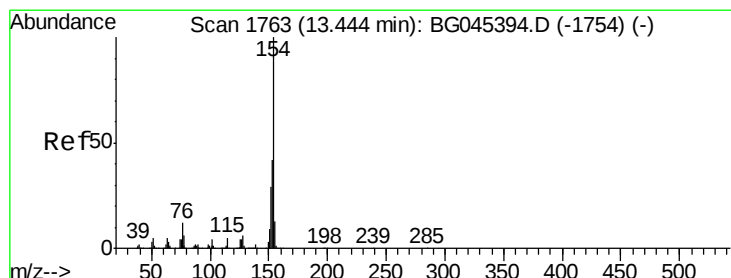
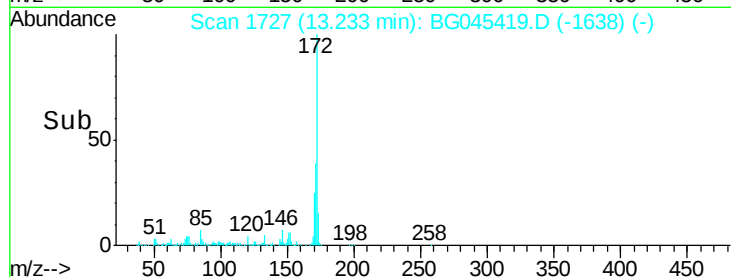
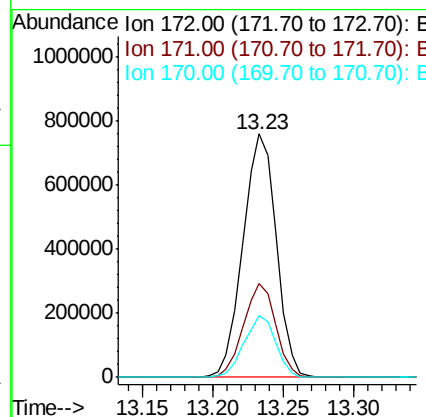
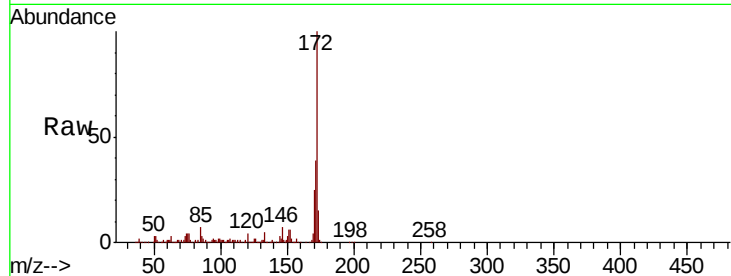
#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.5	44.3
170	25.2	18.5	27.7

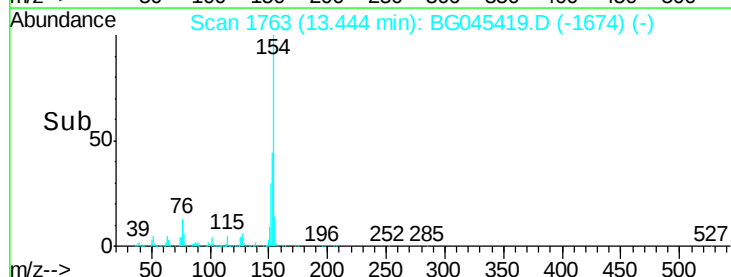
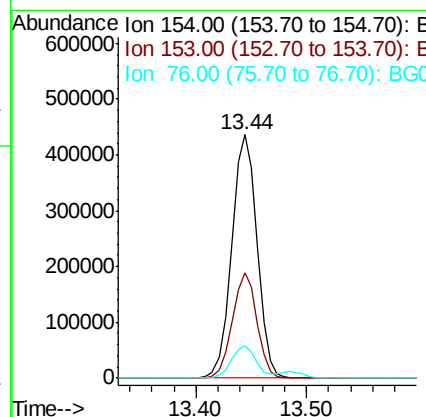
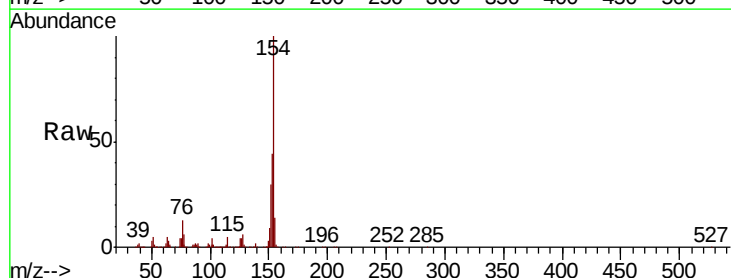
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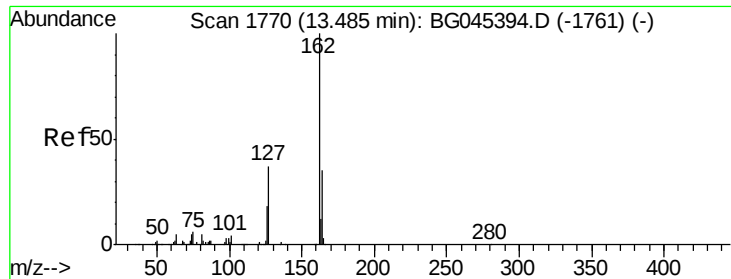
mohammad
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#46
1,1'-Biphenyl
Concen: 48.633 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.2	62.2
76	13.3	0.0	32.4





#47

2-Chloronaphthalene

Concen: 45.130 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

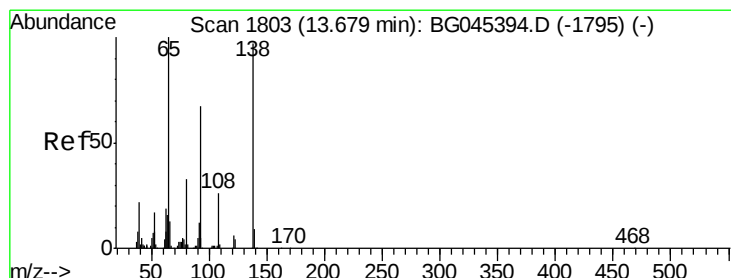
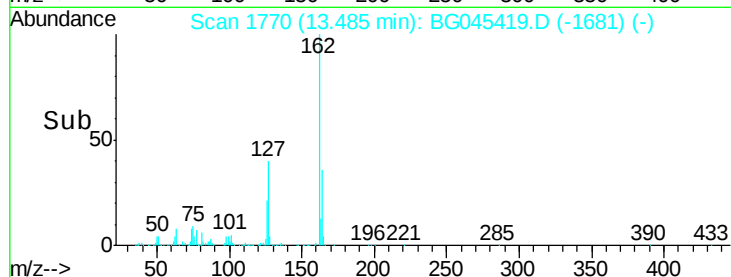
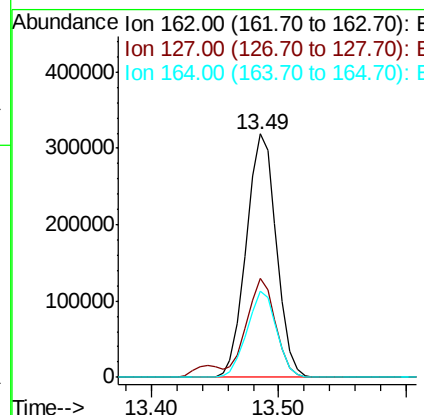
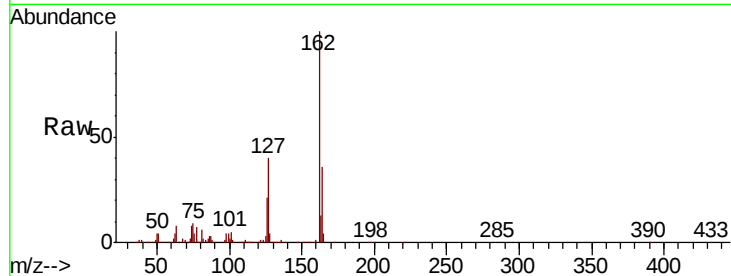
ClientSampleId :

OR-02-051420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		525890		
127	40.5	31.6	47.4		
164	35.6	28.1	42.1		

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#48

2-Nitroaniline

Concen: 48.127 ng

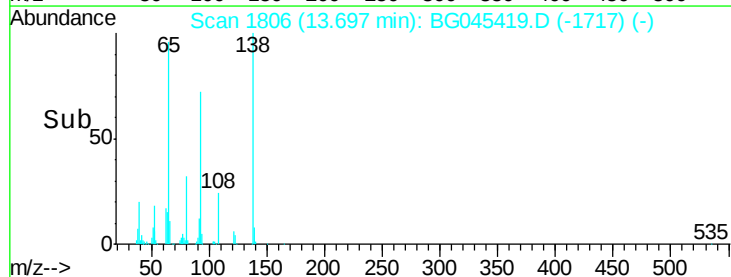
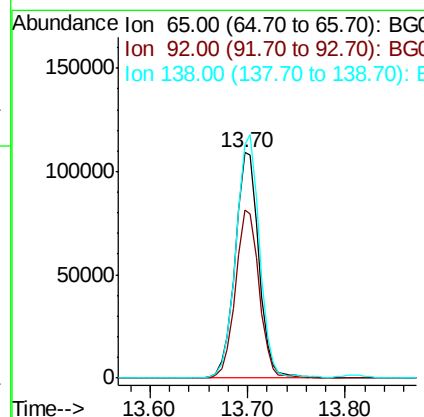
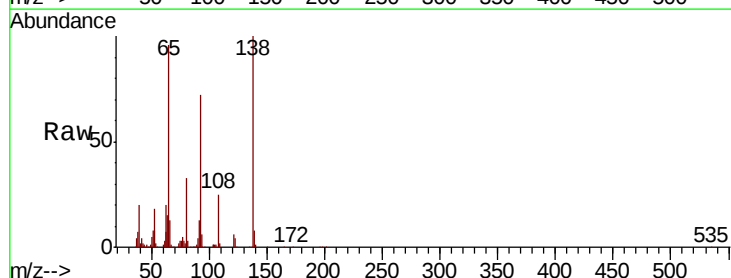
RT: 13.70 min Scan# 1806

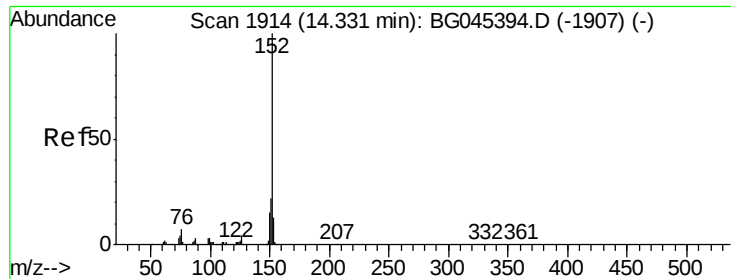
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		184476		
92	74.8	53.8	80.8		
138	103.6	77.9	116.9		





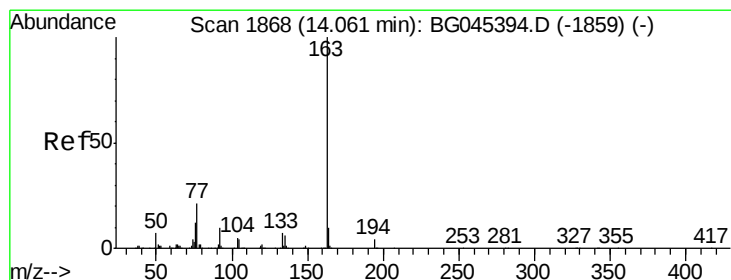
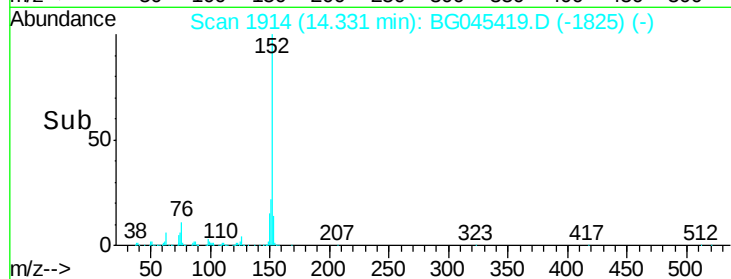
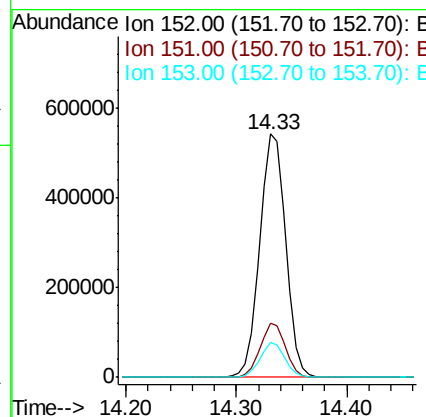
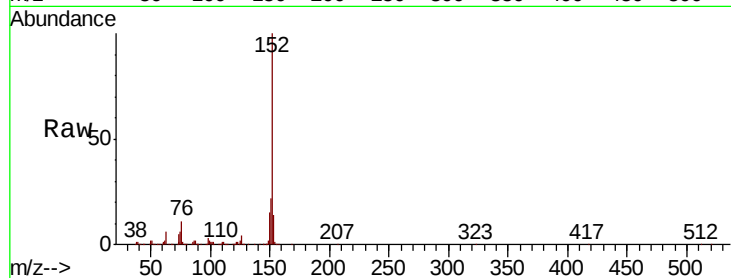
#49
Acenaphthylene
Concen: 47.929 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.5	10.7	16.1

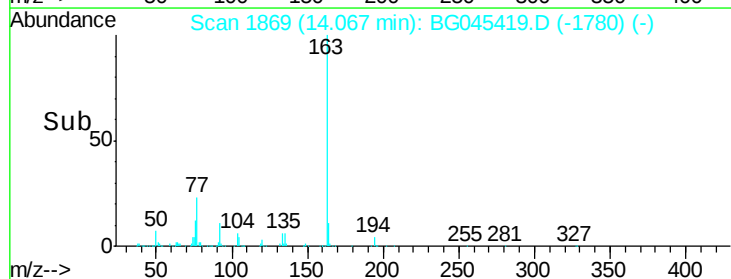
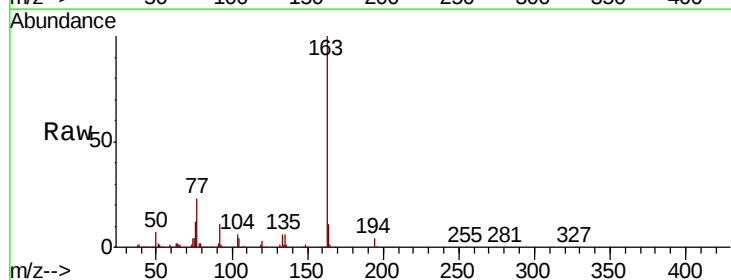
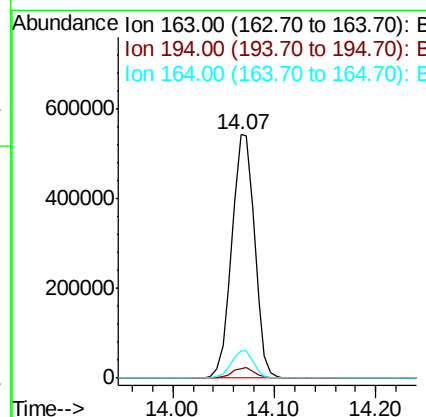
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#50
Dimethylphthalate
Concen: 52.797 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.2	8.3	12.5





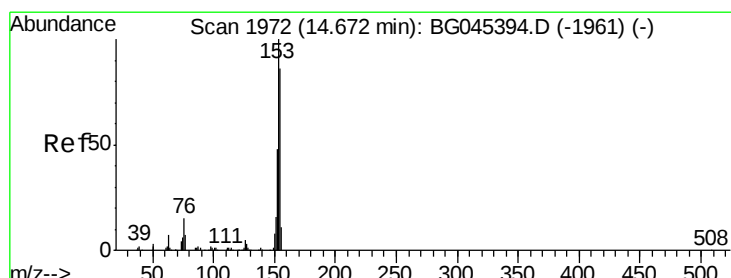
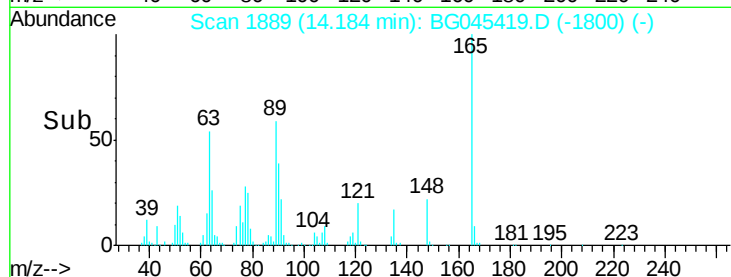
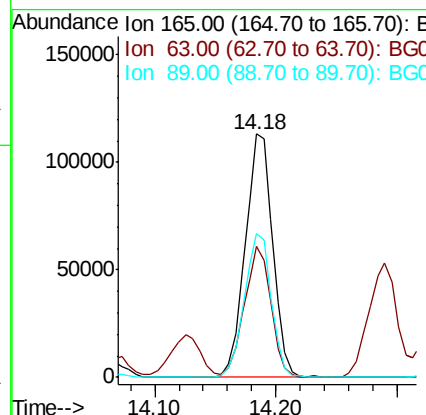
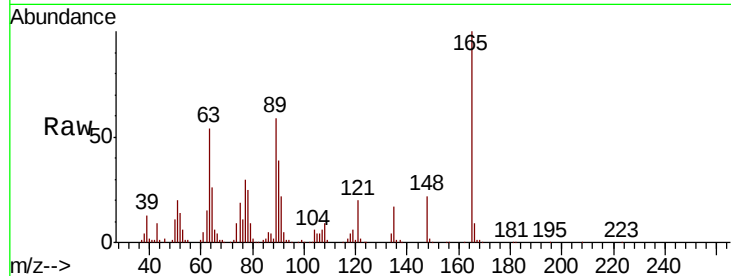
#51
 2,6-Dinitrotoluene
 Concen: 49.631 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179421		
63	53.9	45.0	67.4	
89	59.1	50.2	75.4	

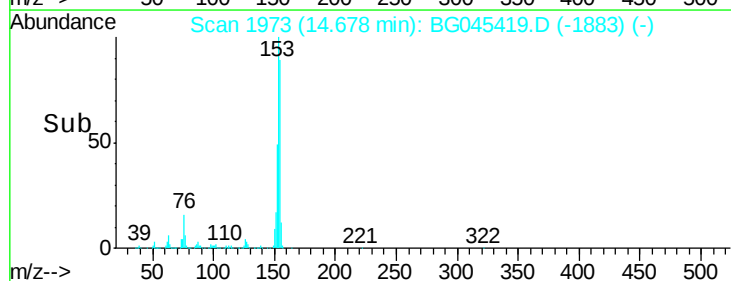
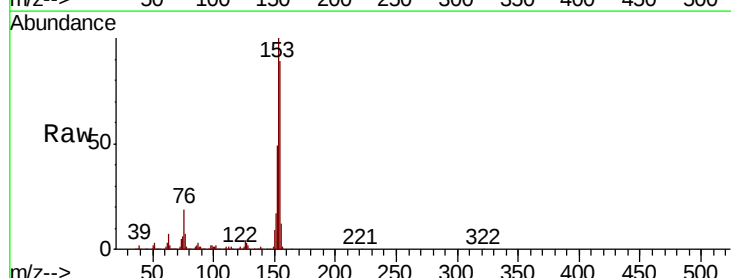
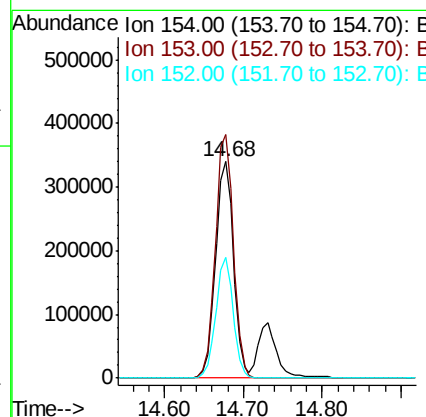
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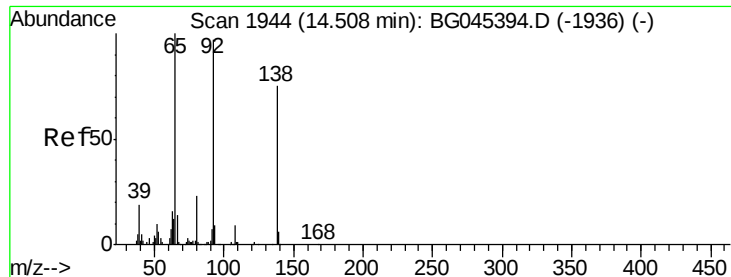
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#52
 Acenaphthene
 Concen: 53.832 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	674455		
153	112.6	92.8	139.2	
152	55.6	44.6	66.8	





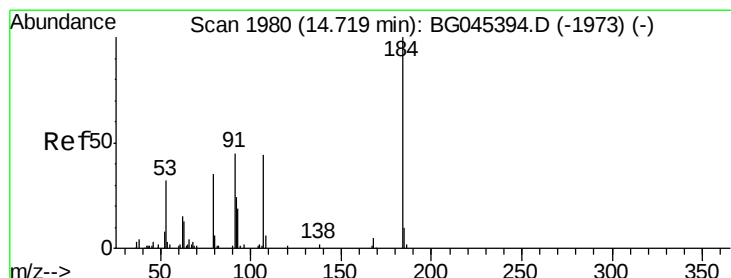
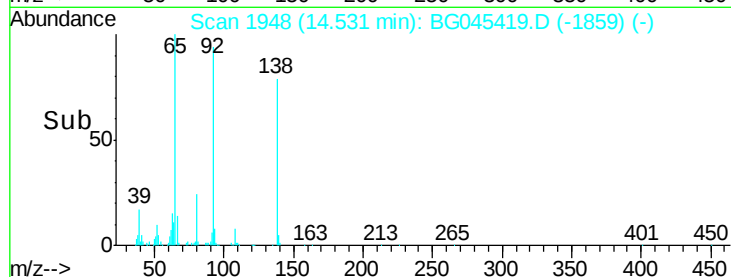
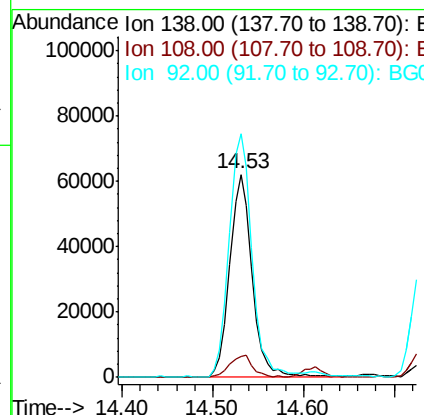
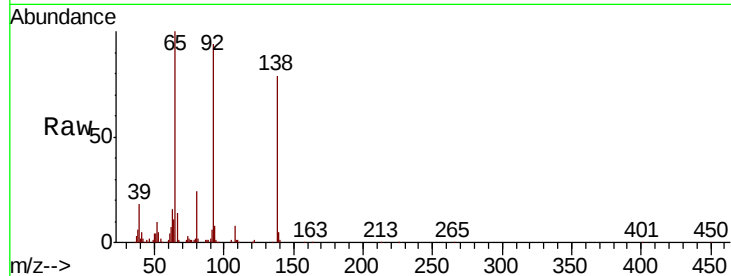
#53
3-Nitroaniline
Concen: 29.008 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	119.8	103.0	154.4

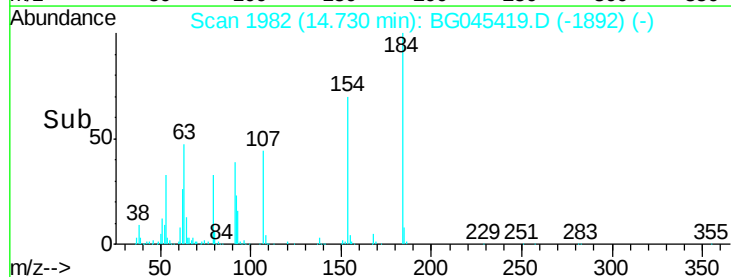
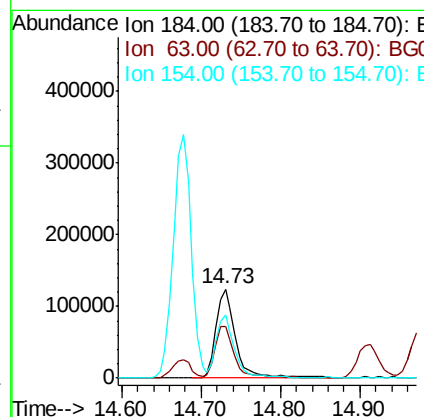
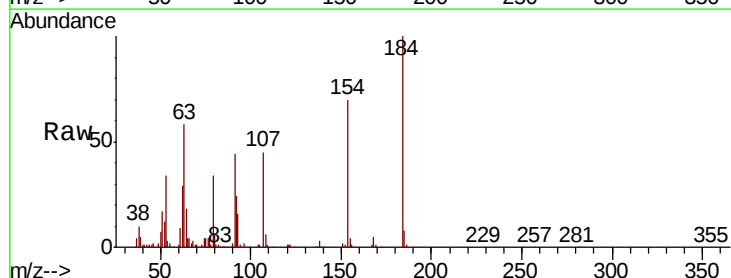
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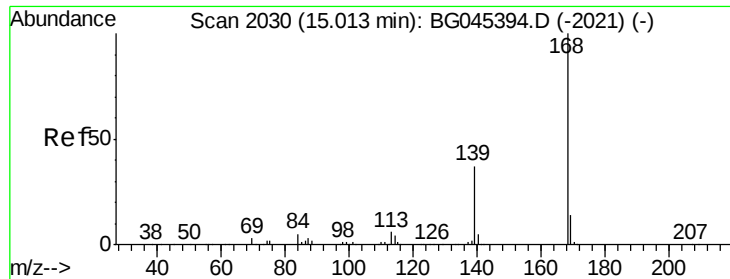
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.907 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	47.8	71.6
154	70.2	58.3	87.5





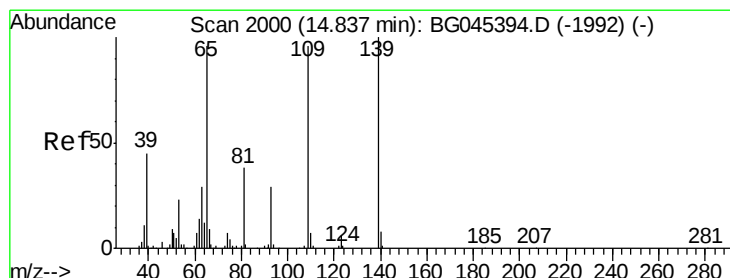
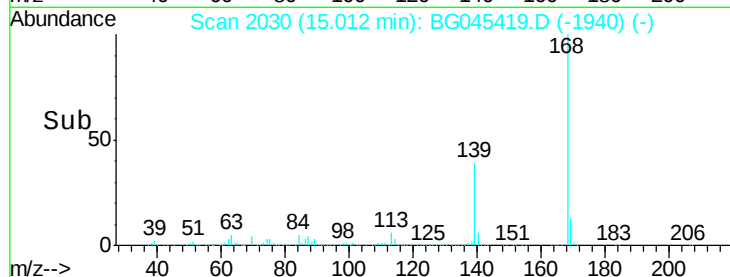
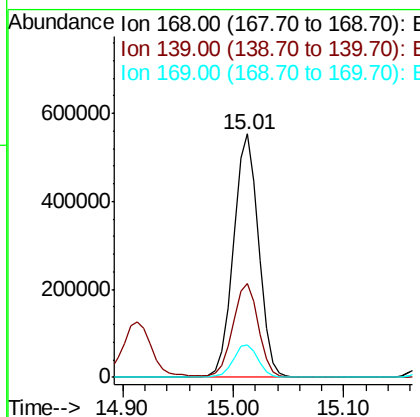
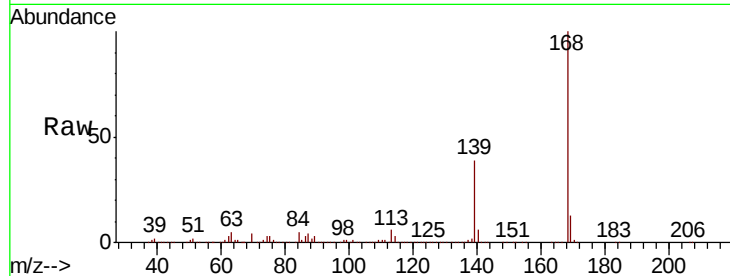
#55
Dibenzenofuran
Concen: 47.383 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.9	44.9
169	13.3	10.9	16.3

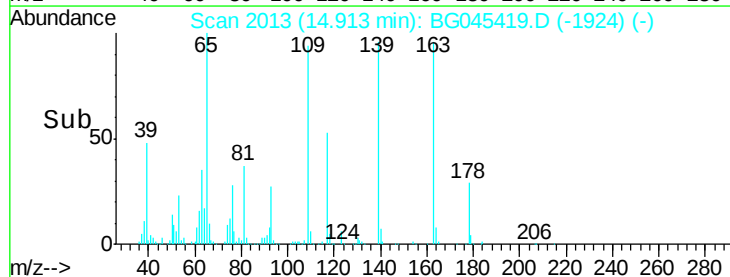
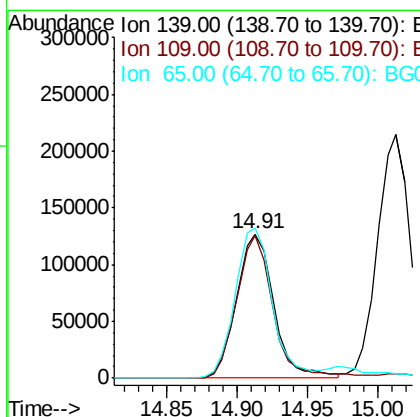
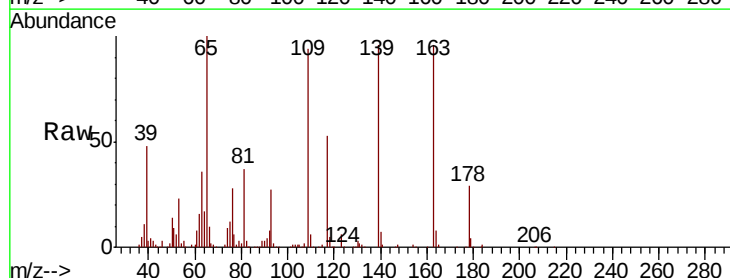
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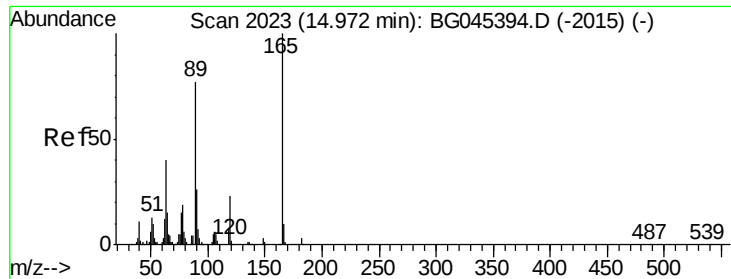
mohammad
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#56
4-Nitrophenol
Concen: 84.524 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.6	75.6	115.6
65	104.4	76.8	116.8





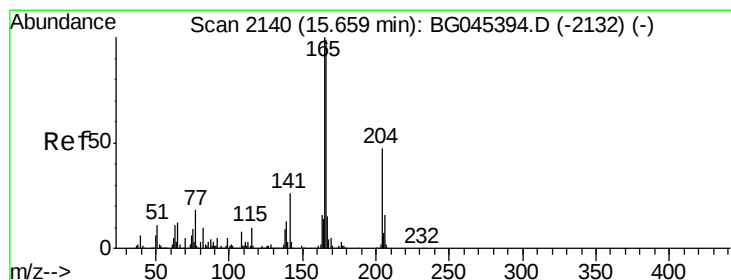
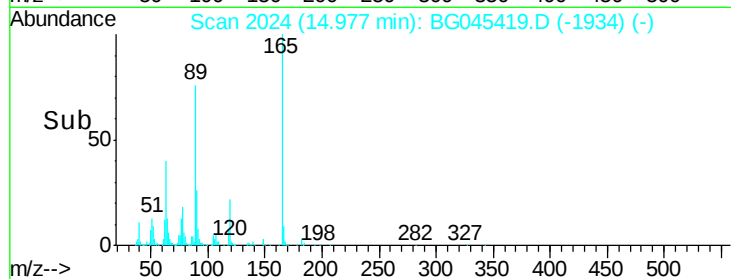
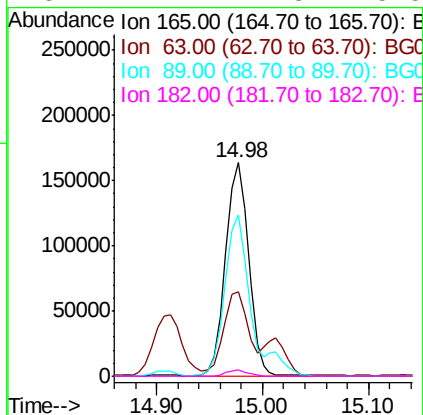
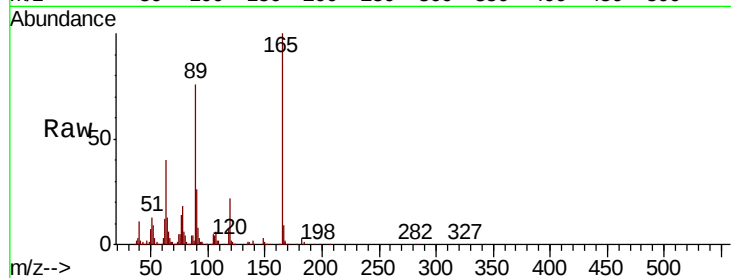
#57
2,4-Dinitrotoluene
Concen: 47.861 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	32.5	48.7
89	75.5	61.8	92.6
182	2.7	2.3	3.5

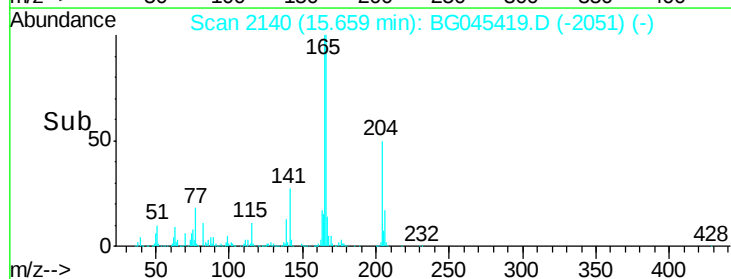
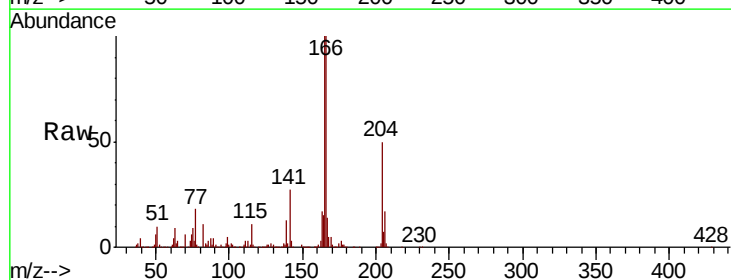
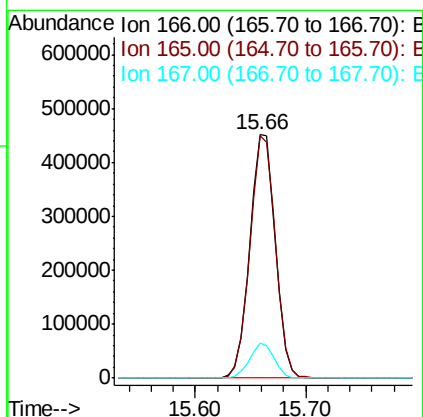
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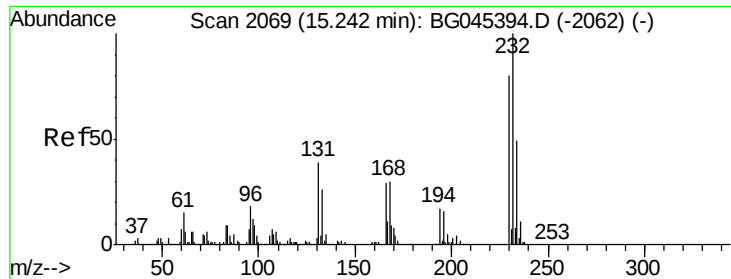
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#58
Fluorene
Concen: 47.949 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	14.4	12.0	18.0





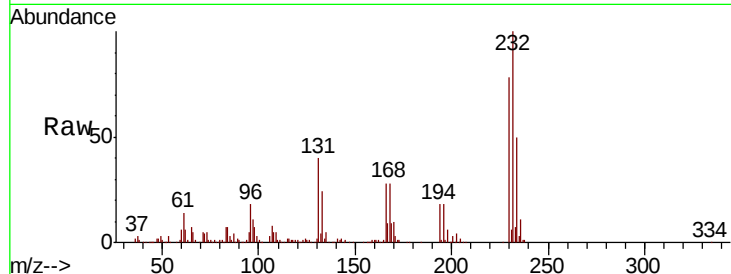
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.903 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

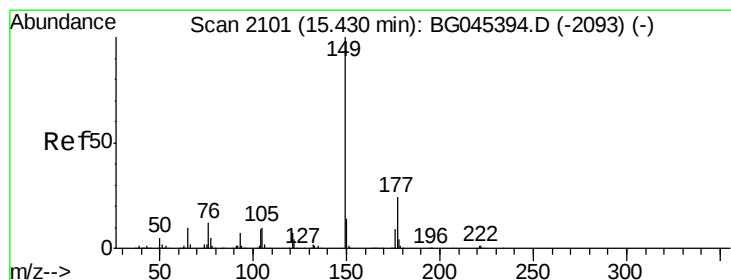
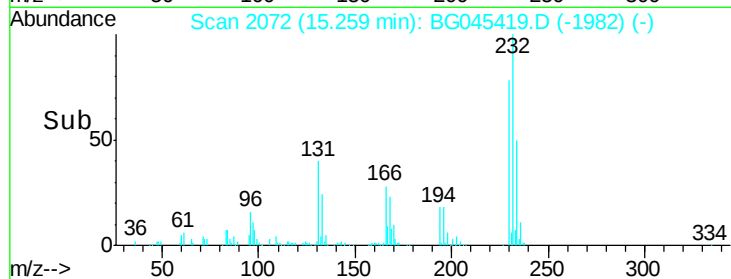
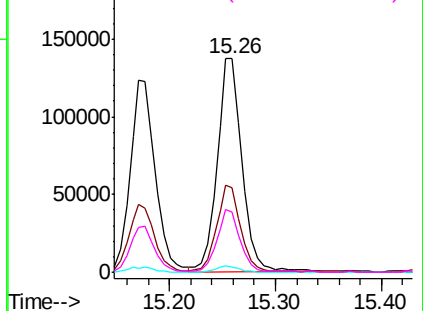
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		222787		
131	39.3	33.7	50.5		
130	2.7	2.1	3.1		
166	27.8	23.2	34.8		

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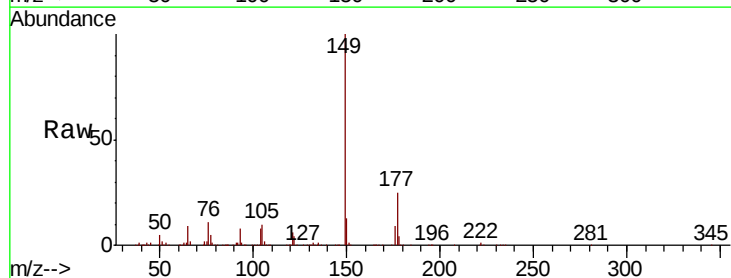


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

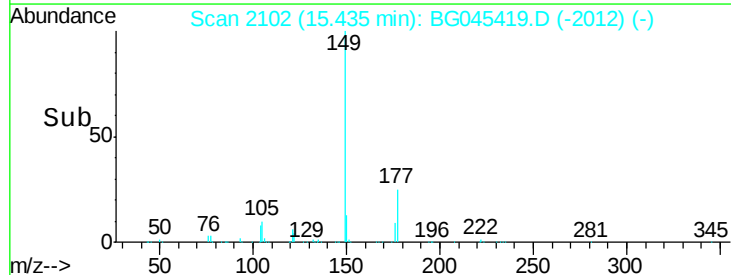
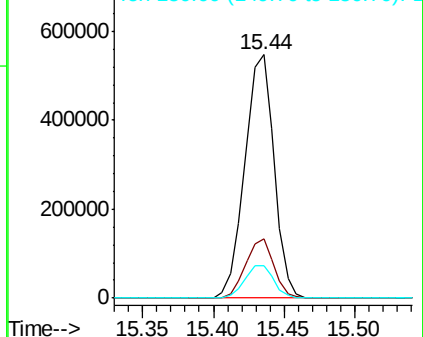


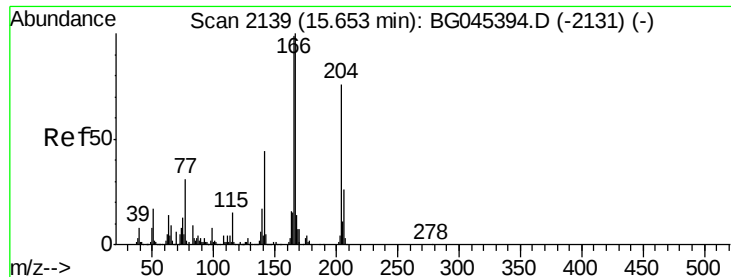
#60
 Diethylphthalate
 Concen: 47.688 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		795187		
177	24.6	19.0	28.4		
150	13.1	11.4	17.0		



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





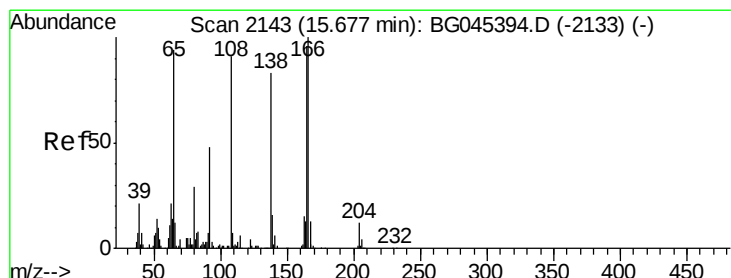
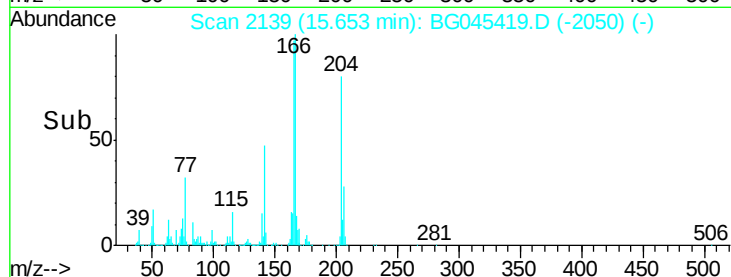
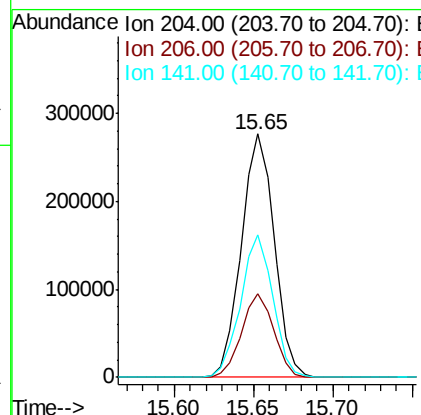
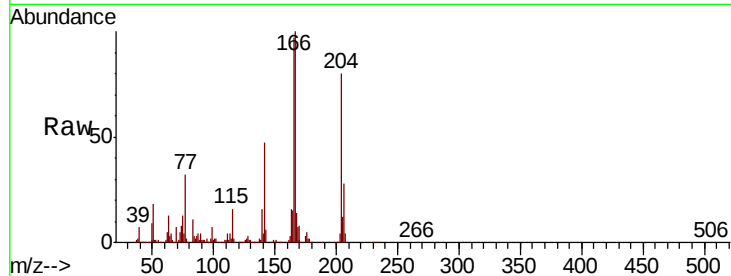
#61
 4-Chlorophenyl-phenylether
 Concen: 45.591 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.5	27.3	40.9	
141	58.8	45.9	68.9	

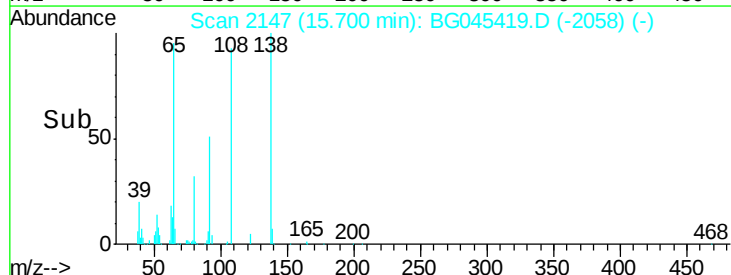
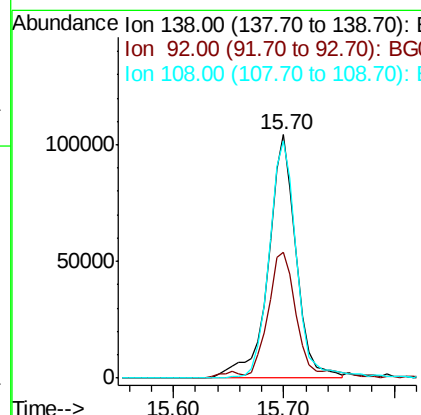
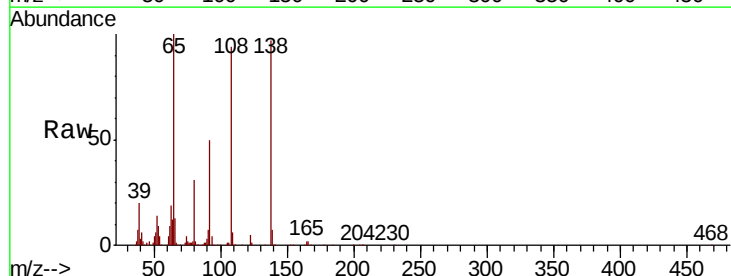
Manual Integrations
 APPROVED

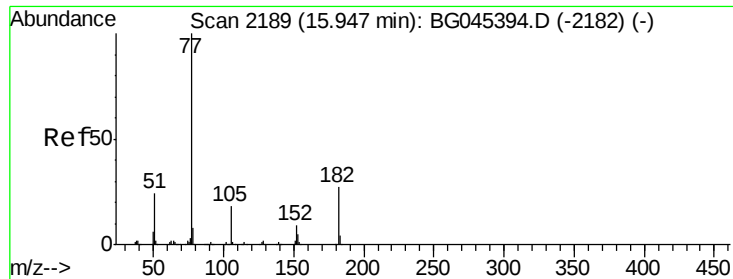
mohammad
 5/19/2020 3:06:02 PM



#62
 4-Nitroaniline
 Concen: 47.678 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.6	38.0	78.0	
108	97.2	89.3	129.3	





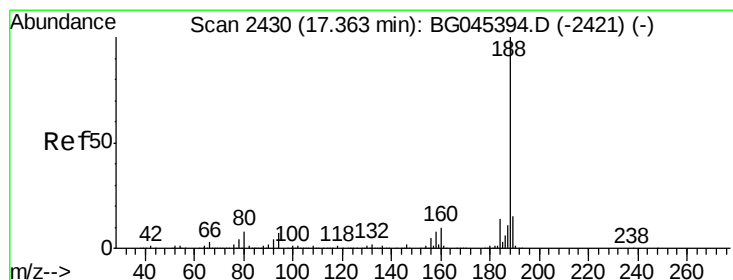
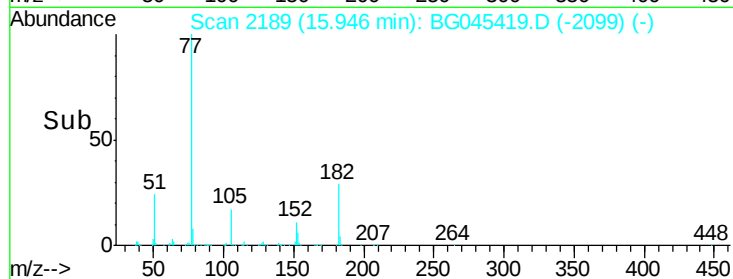
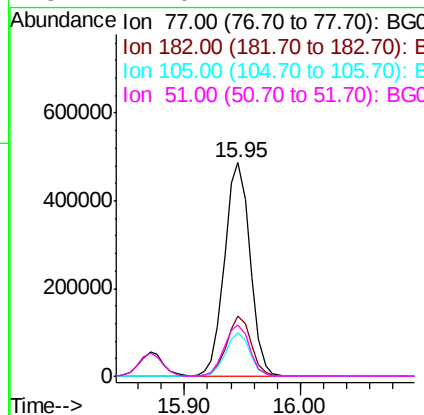
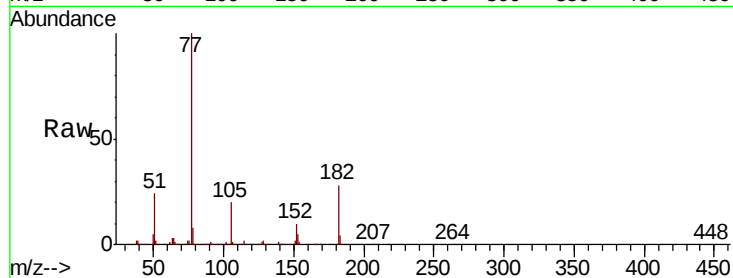
#63
Azobenzene
Concen: 47.813 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		743414		
182	28.1	6.5	46.5		
105	20.2	0.0	37.9		
51	24.0	4.1	44.1		

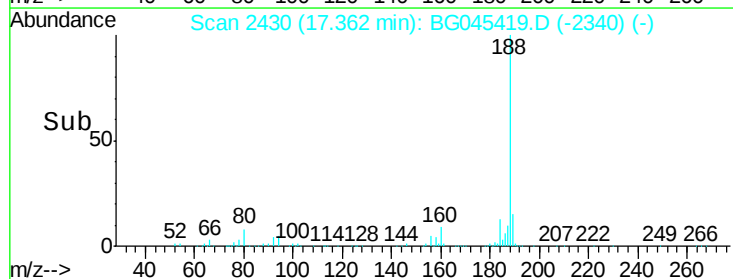
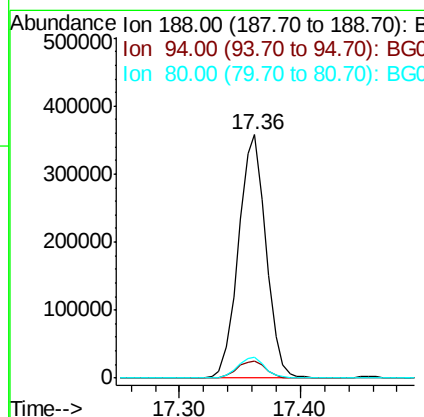
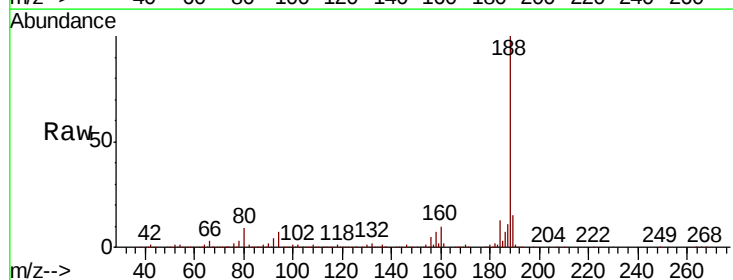
Manual Integrations
APPROVED

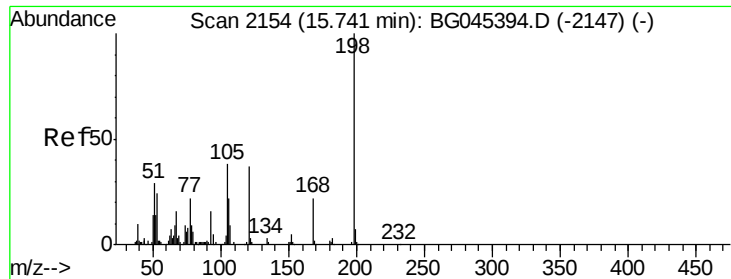
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		567190		
94	7.2	5.5	8.3		
80	8.6	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 45.707 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

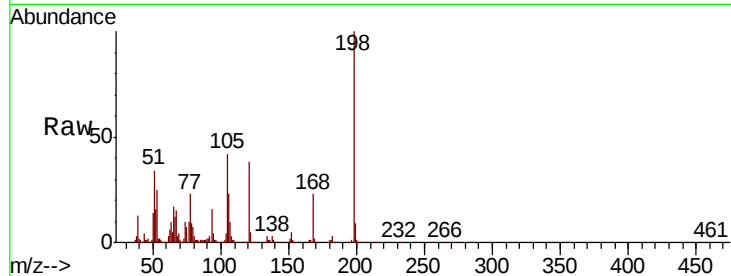
ClientSampleId :

OR-02-051420MSD

Tot Ion:	198	Resp:	150985
Ion Ratio	Lower	Upper	
198	100		
51	33.7	10.0	50.0
105	42.2	18.9	58.9

Manual Integrations
APPROVED

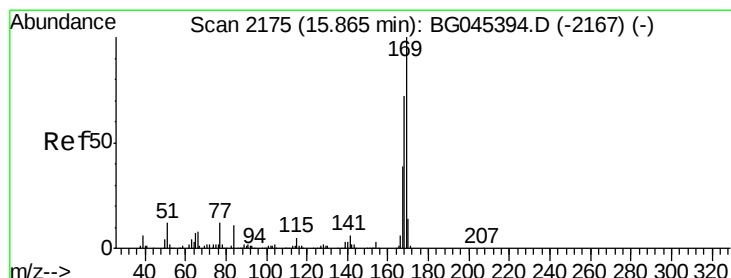
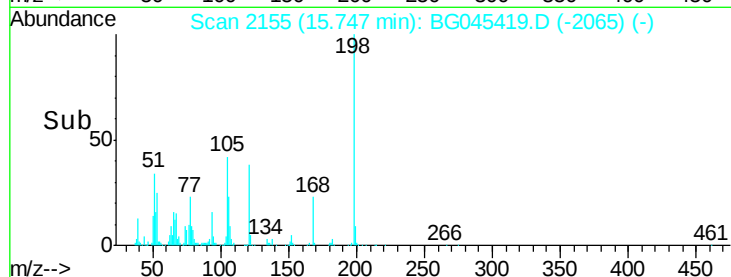
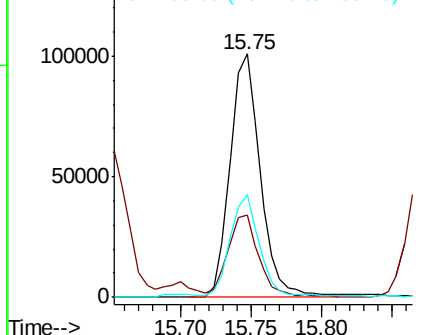
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.820 ng

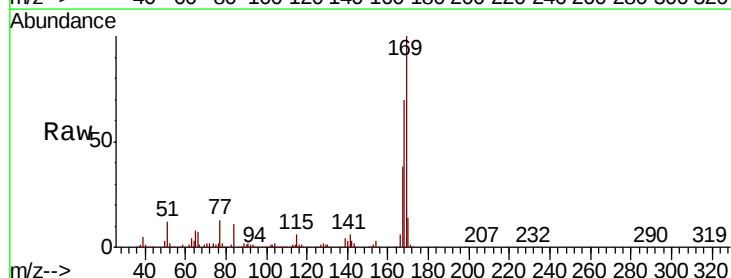
RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

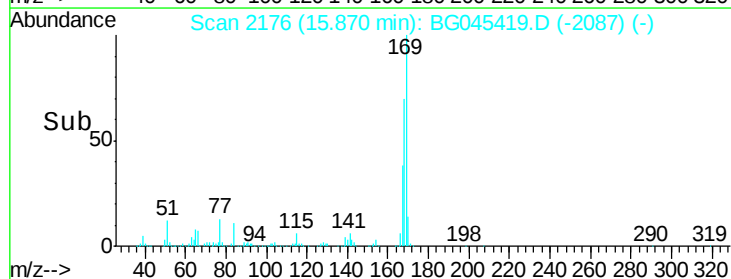
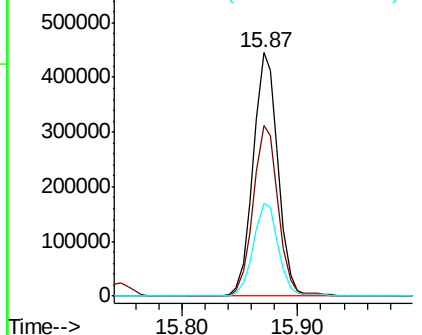
Tgt Ion:	169	Resp:	664838
Ion Ratio	Lower	Upper	
169	100		
168	69.9	57.8	86.6
167	37.8	31.5	47.3

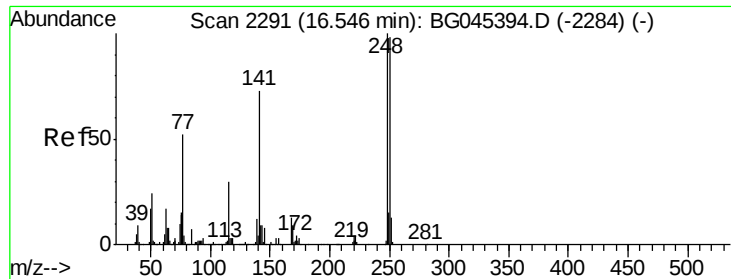


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





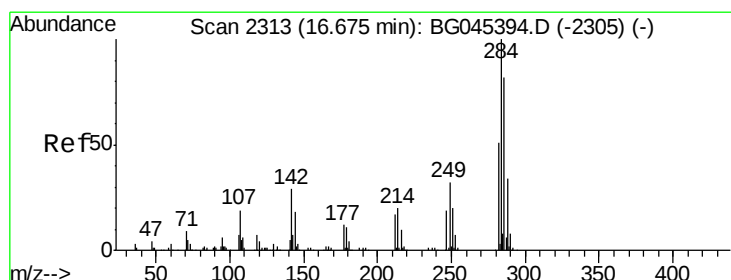
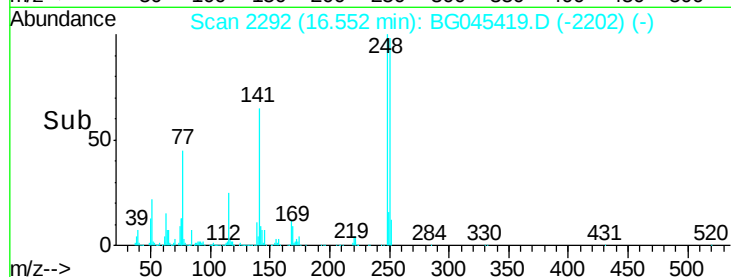
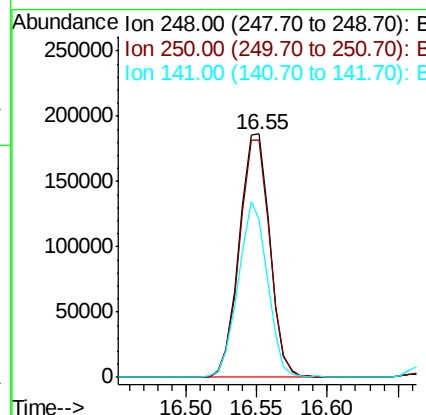
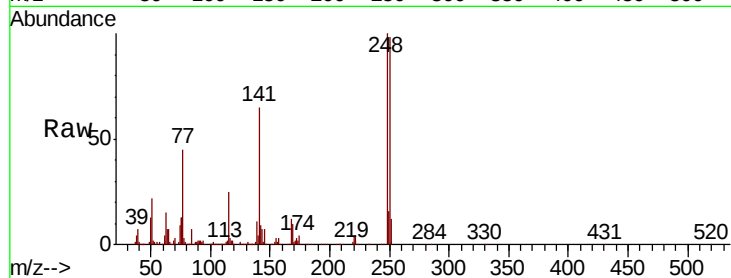
#67
4-Bromophenyl-phenylether
Concen: 45.791 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	117.8
141	65.0	58.2	87.2

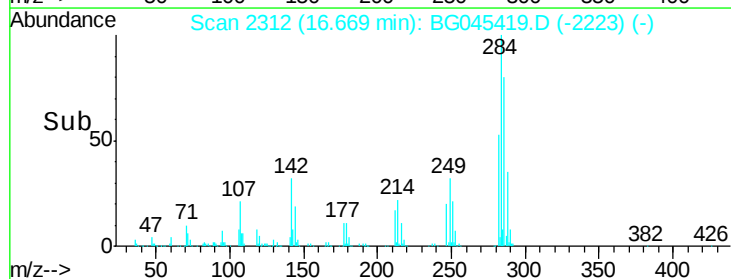
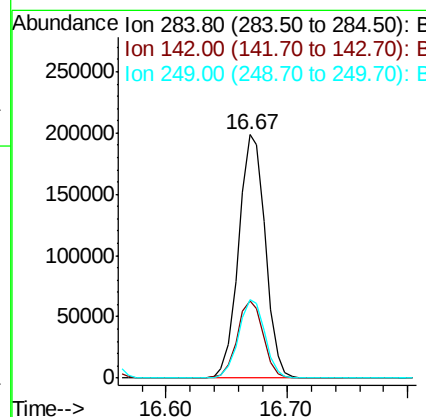
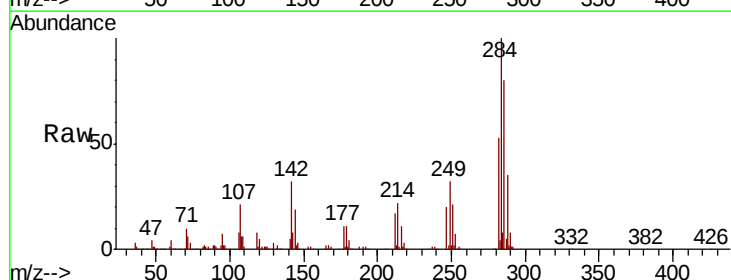
Manual Integrations
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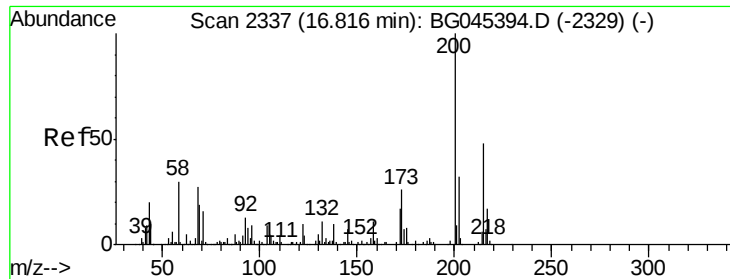
mohammad
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#68
Hexachlorobenzene
Concen: 47.521 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	23.0	34.6
249	32.4	25.8	38.6





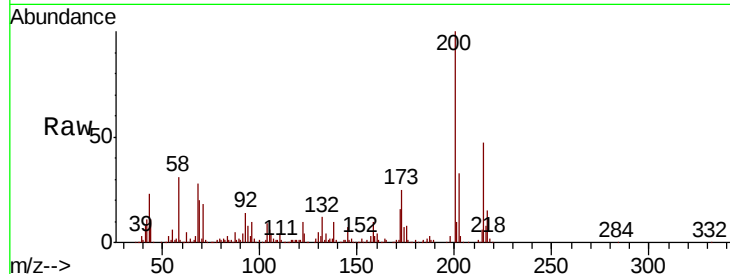
#69
Atrazine
Concen: 46.392 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	260219		
173	25.3		5.5	45.5
215	47.2		28.2	68.2

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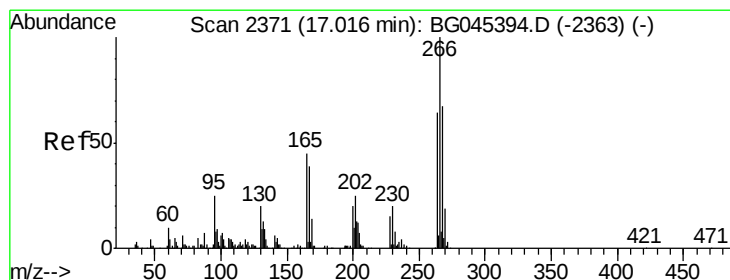
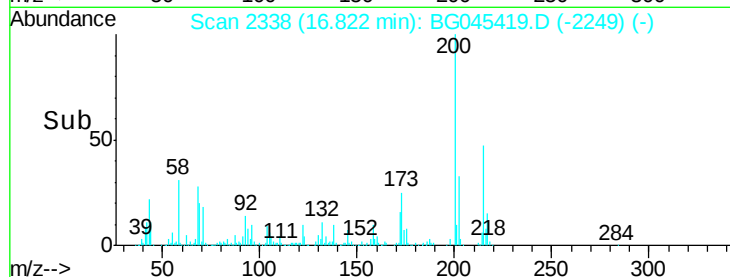
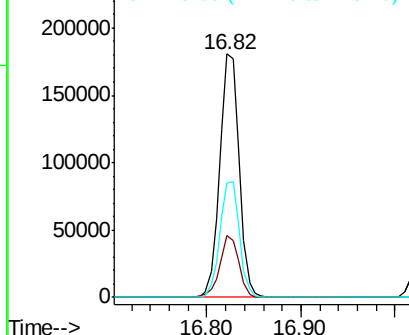


Abundance

Ion 200.00 (199.70 to 200.70): E

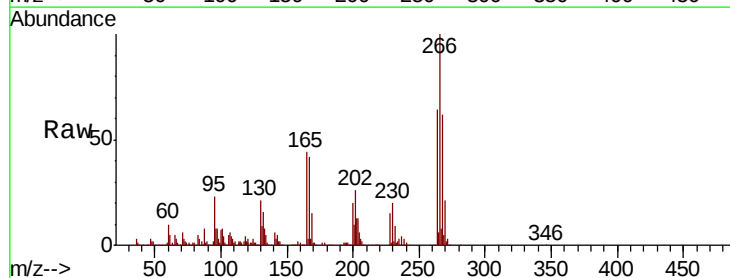
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.848 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	296350		
268	62.4		53.2	79.8
264	63.7		51.0	76.4

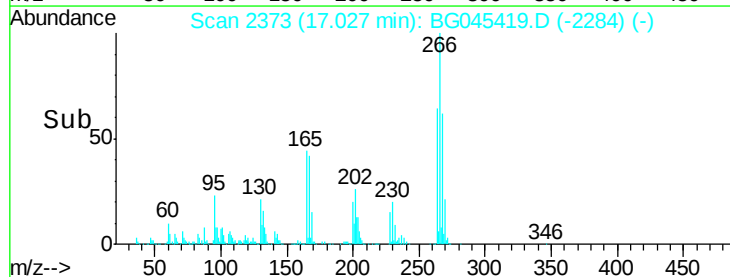
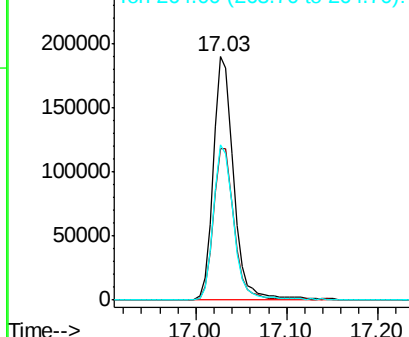


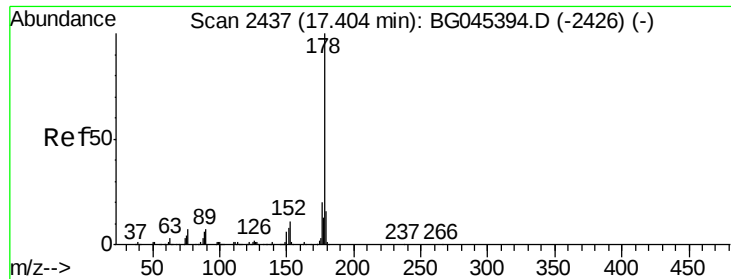
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.267 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MSD

Tot Ion:178 Resp: 1195135

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

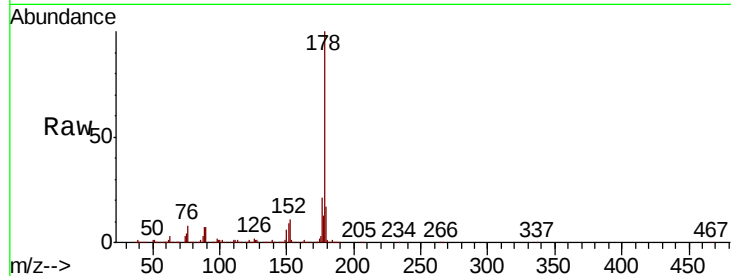
179 16.6 13.1 19.7

Manual Integrations

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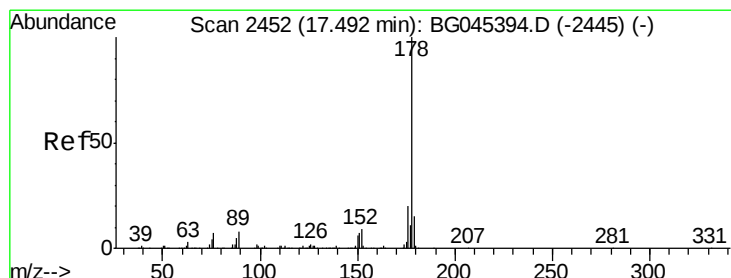
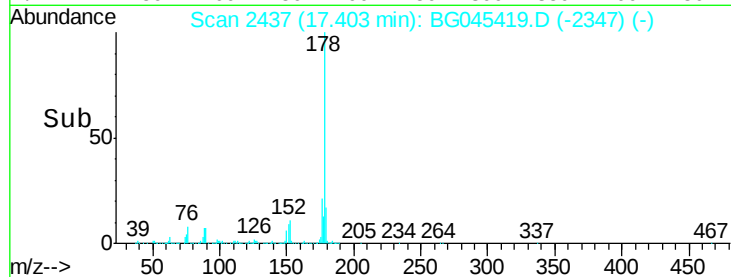
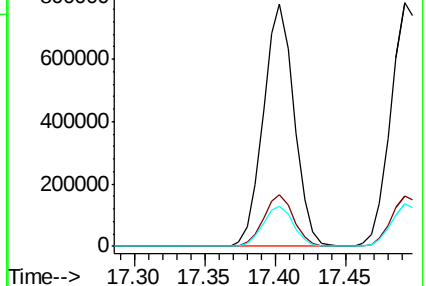
5/19/2020 3:06:02 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.697 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:178 Resp: 1235762

Ion Ratio Lower Upper

178 100

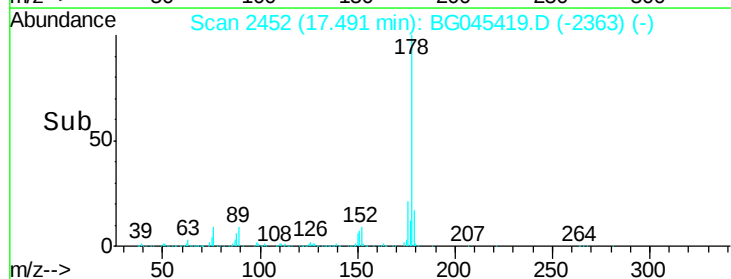
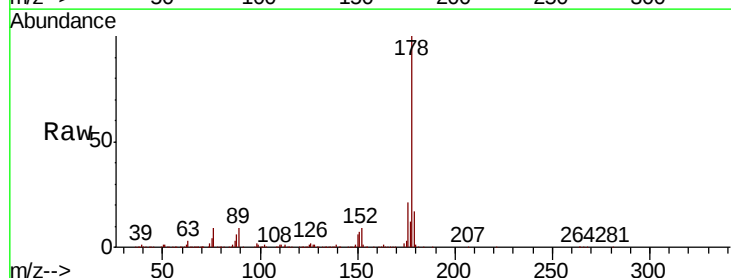
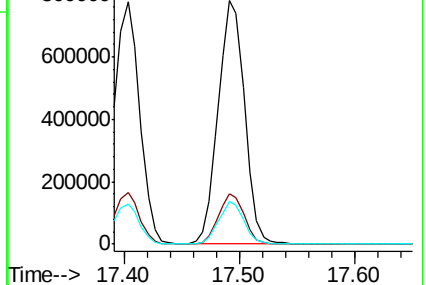
176 20.6 15.8 23.6

179 17.5 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





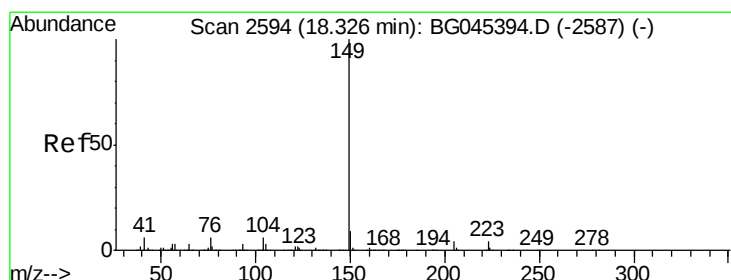
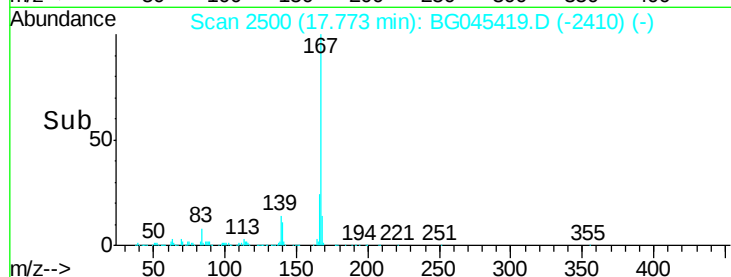
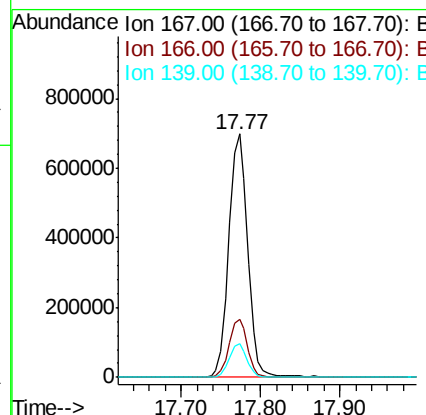
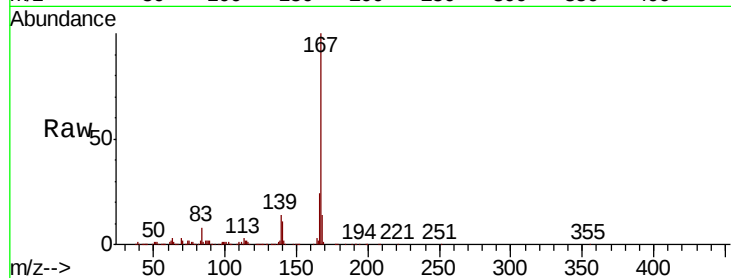
#73
 Carbazole
 Concen: 47.627 ng
 RT: 17.77 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.2	28.8
139	13.6	10.6	16.0

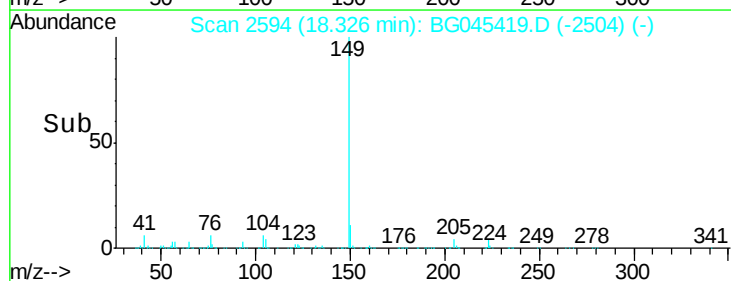
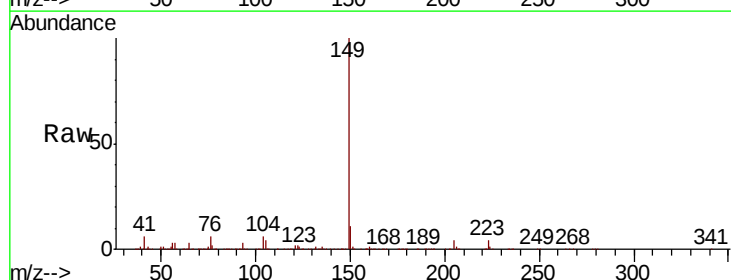
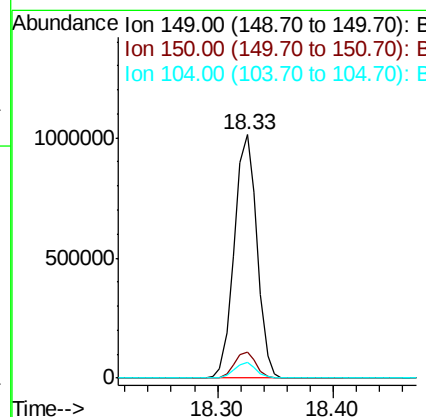
Manual Integrations
 APPROVED

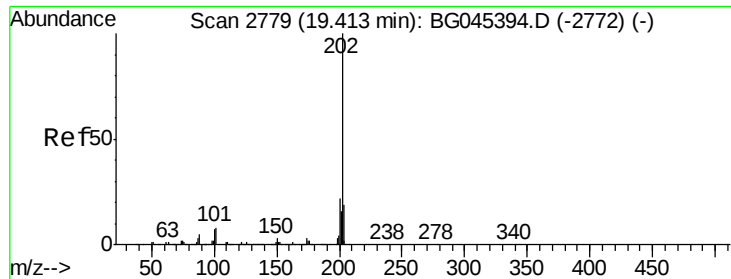
mohammad
 5/19/2020 3:06:02 PM



#74
 Di-n-butylphthalate
 Concen: 47.186 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 47.081 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MSD

Tot Ion:202 Resp: 1482798

Ion Ratio Lower Upper

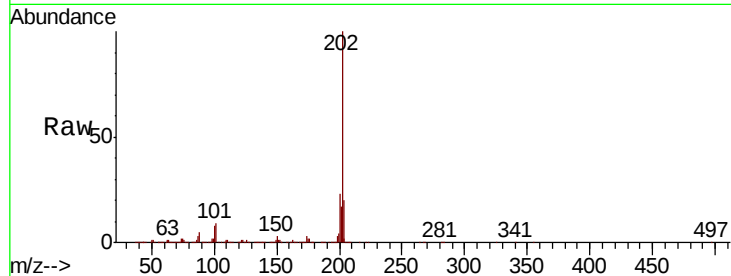
202 100

101 9.4 0.0 28.3

203 20.1 0.0 39.0

Manual Integrations
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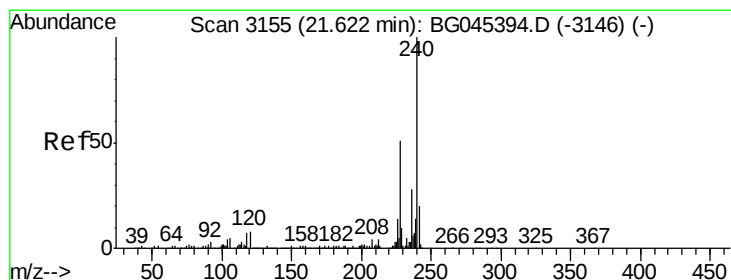
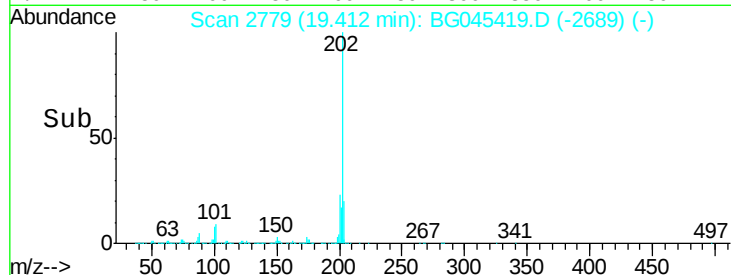
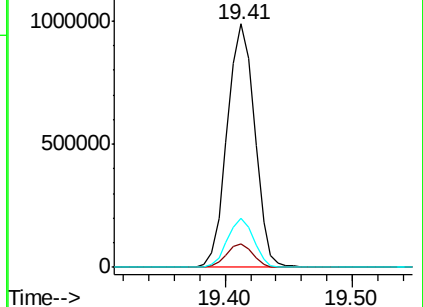
mohammad
5/19/2020 3:06:02 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

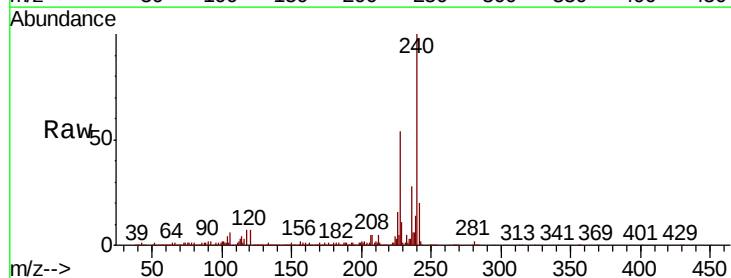
Tgt Ion:240 Resp: 514681

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

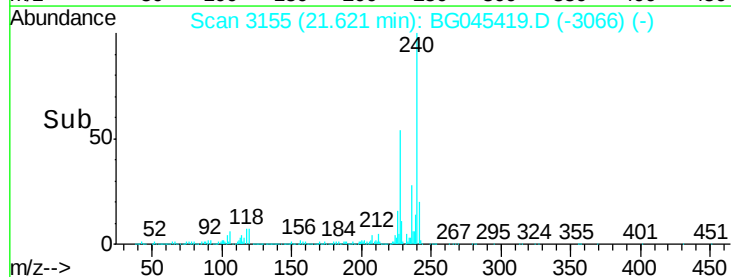
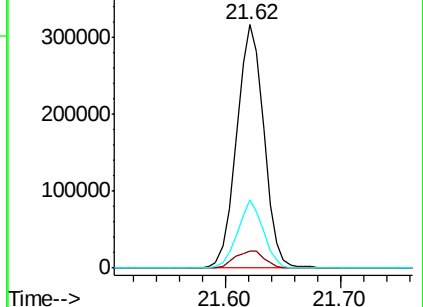
236 28.2 22.3 33.5

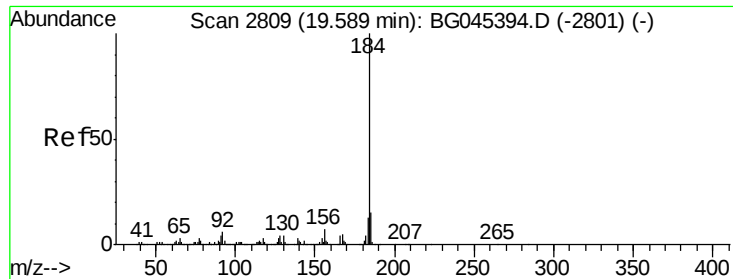


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.979 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

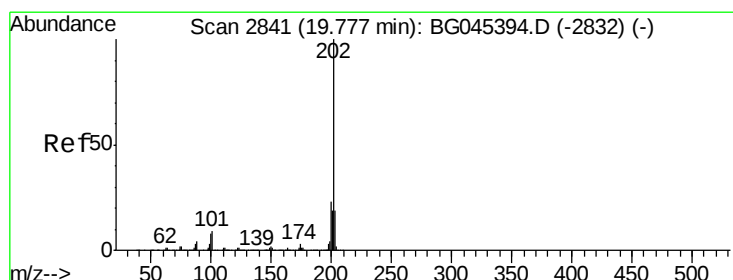
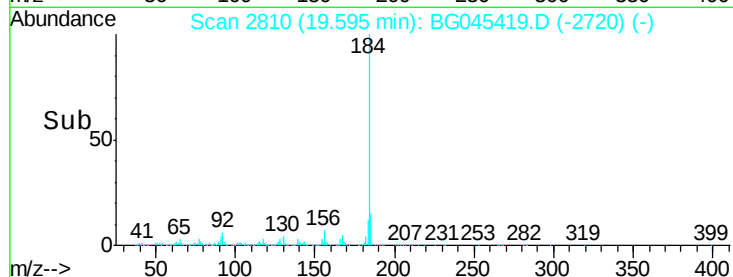
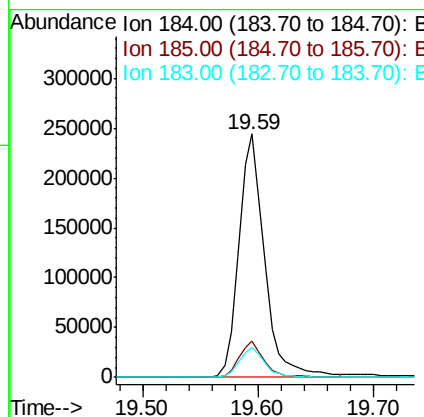
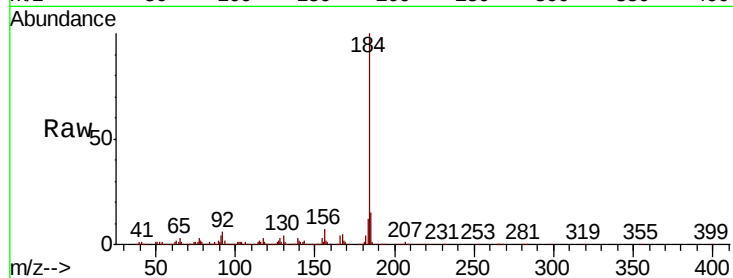
ClientSampleId :

OR-02-051420MSD

Tot Ion:	184	Resp:	375533
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.7	17.5
183	12.1	10.2	15.4

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#78

Pyrene

Concen: 50.653 ng

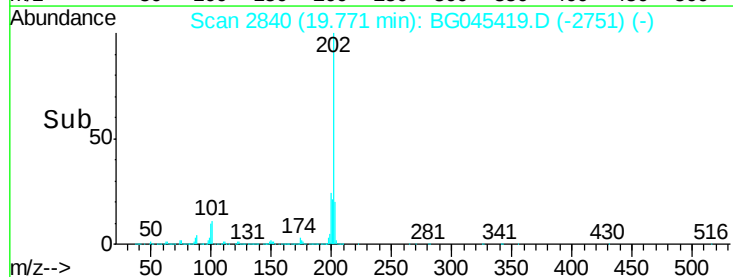
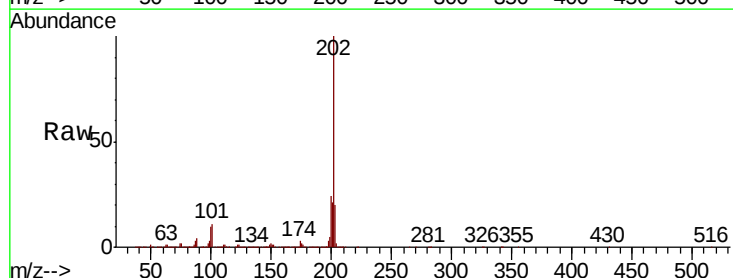
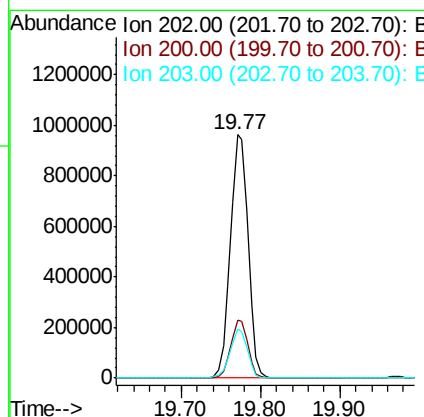
RT: 19.77 min Scan# 2840

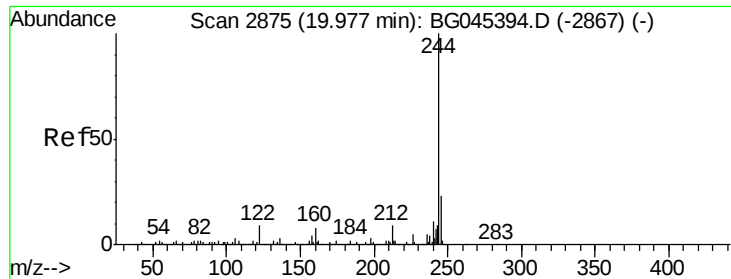
Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	202	Resp:	1486098
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.2	27.2
203	19.9	15.1	22.7





#79

Terphenyl-d14

Concen: 98.830 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

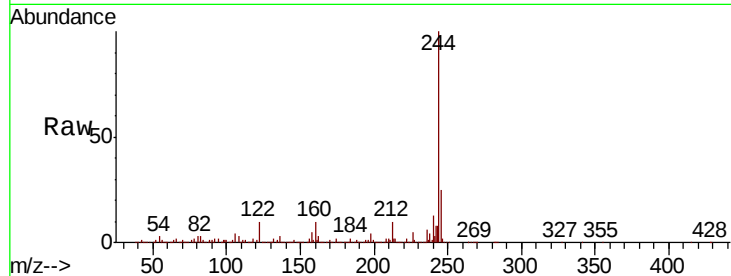
ClientSampleId :

OR-02-051420MSD

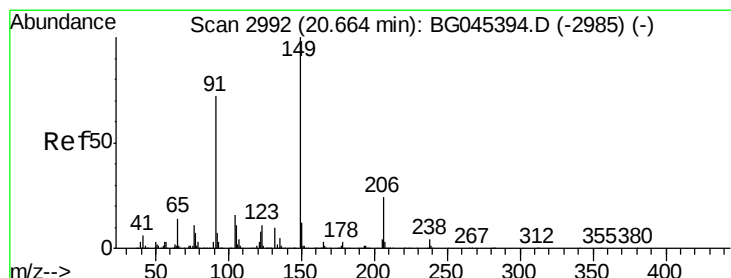
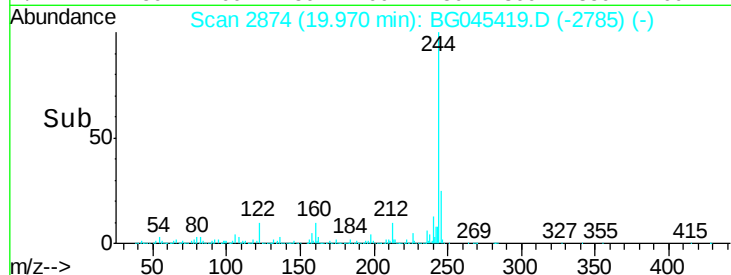
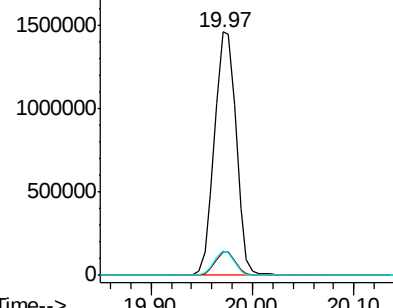
Tot Ion:	244	Resp:	2180943
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.0
122	10.2	6.8	10.2#

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



#80

Butylbenzylphthalate

Concen: 48.129 ng

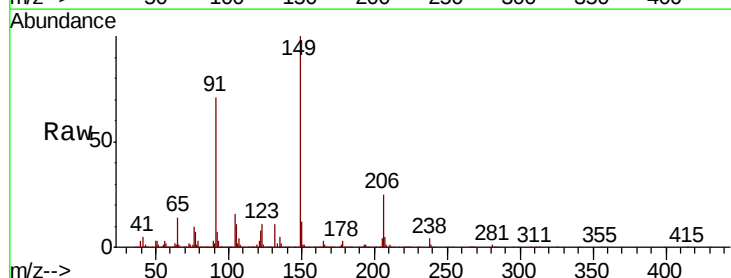
RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

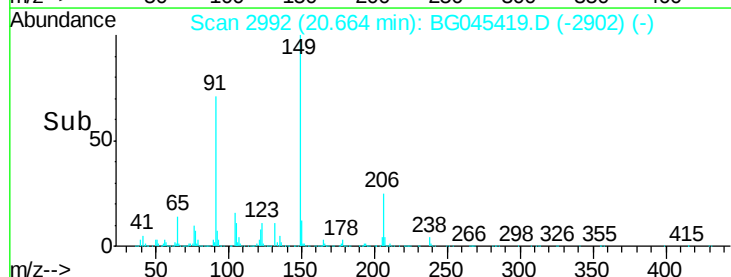
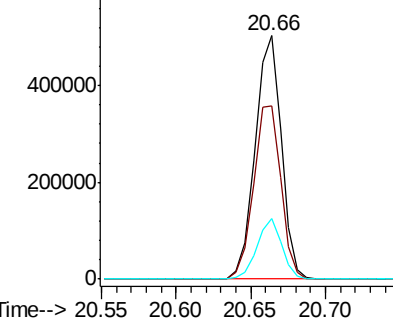
Lab File: BG045419.D

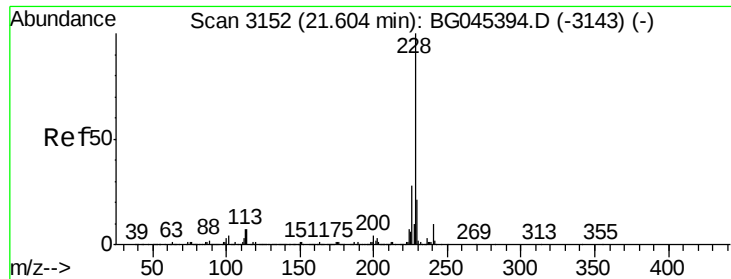
Acq: 18 May 2020 19:08

Tgt Ion:	149	Resp:	609491
Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.8	86.6
206	24.8	19.1	28.7



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





#81

Benzo(a)anthracene

Concen: 48.300 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Instrument :

BNA_G

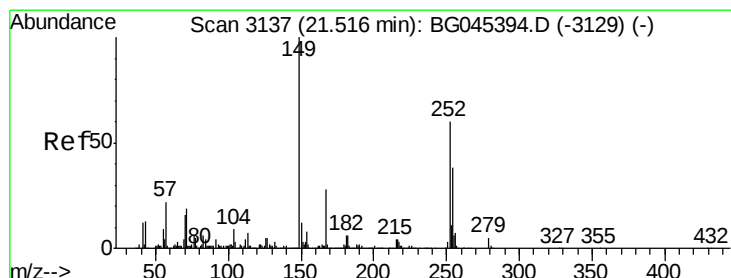
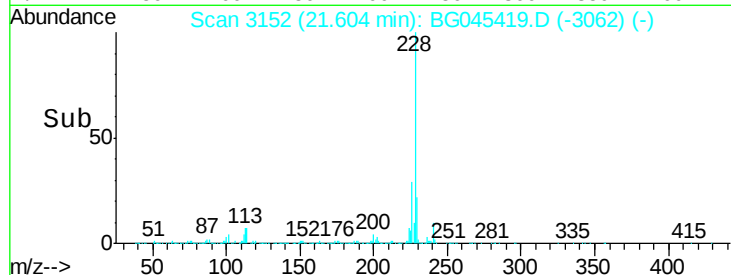
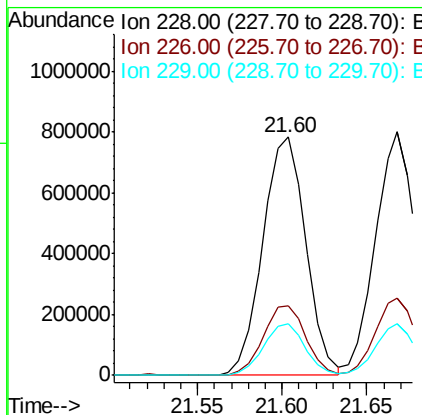
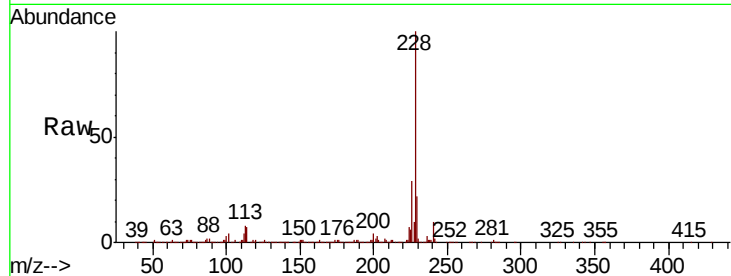
ClientSampleId :

OR-02-051420MSD

Tot Ion:	228	Resp:	1384830
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.6	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 27.559 ng

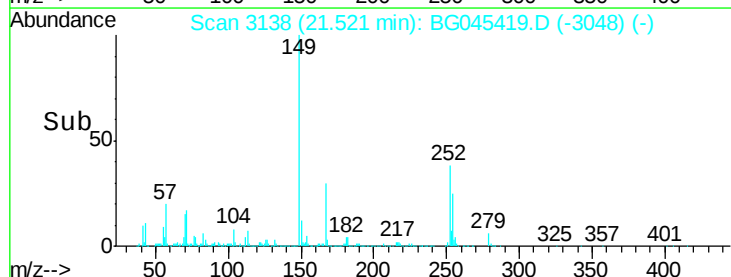
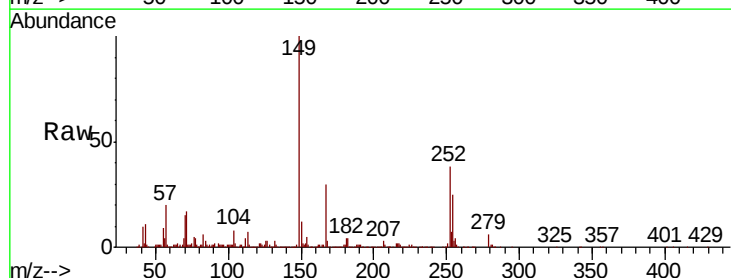
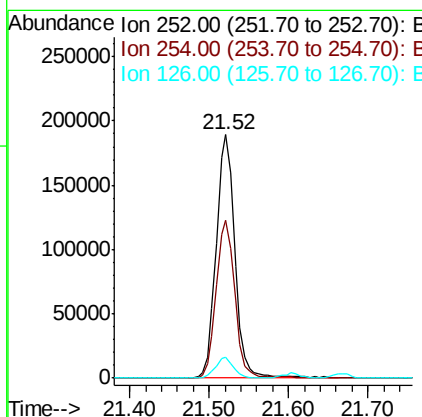
RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG045419.D

Acq: 18 May 2020 19:08

Tgt Ion:	252	Resp:	309940
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.4	6.6	10.0





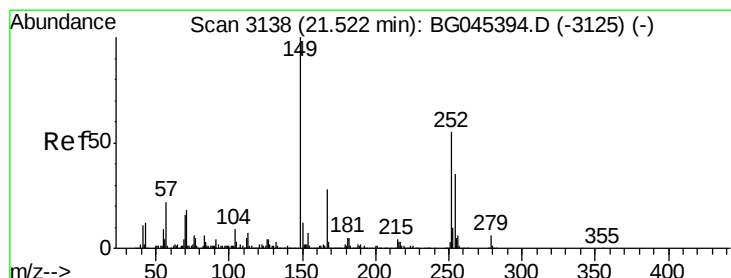
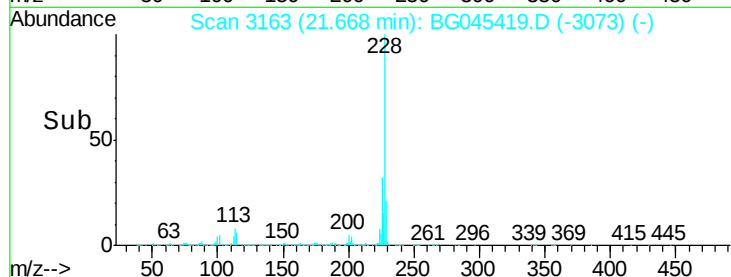
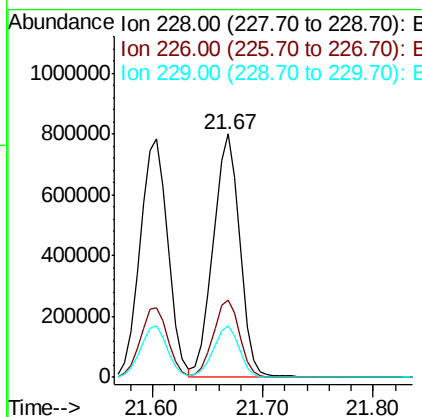
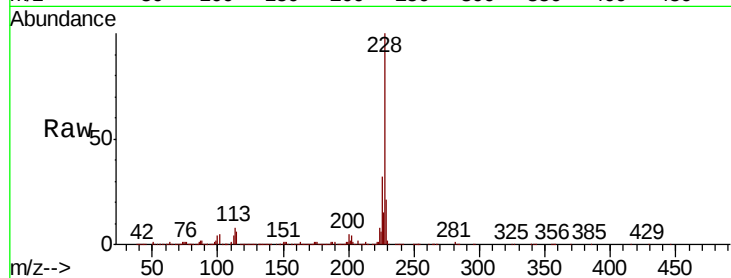
#83
 Chrysene
 Concen: 48.044 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	21.0	16.7	25.1

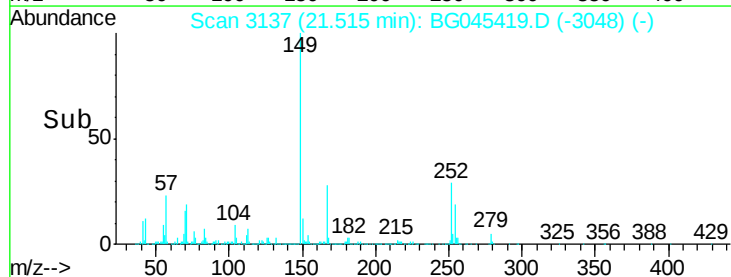
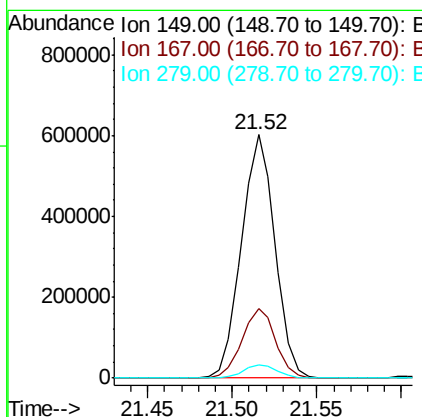
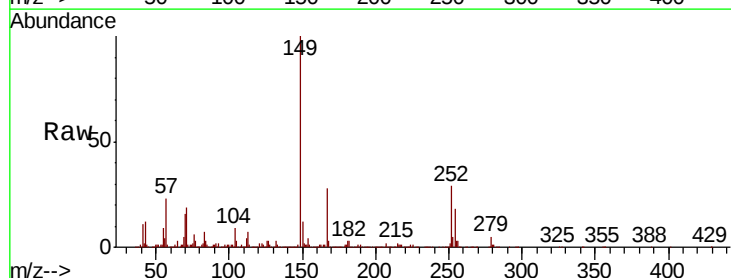
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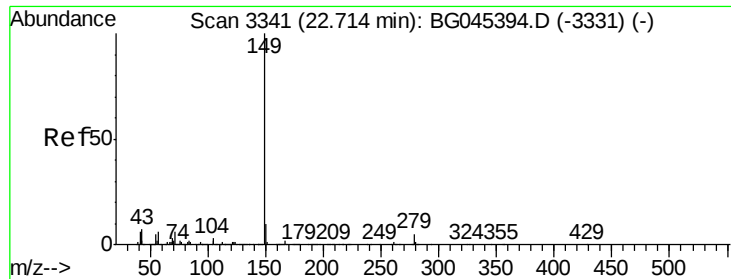
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.568 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG045419.D
 Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.4	4.7	7.1





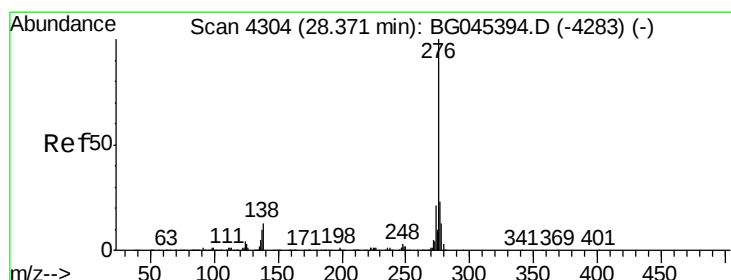
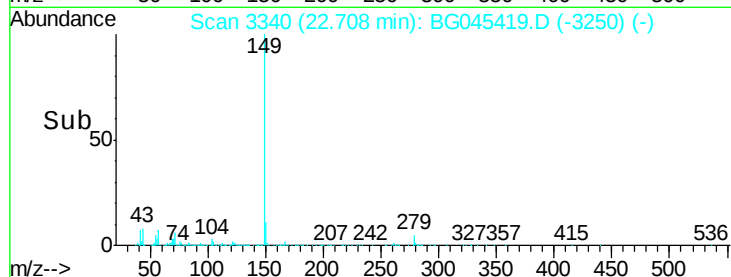
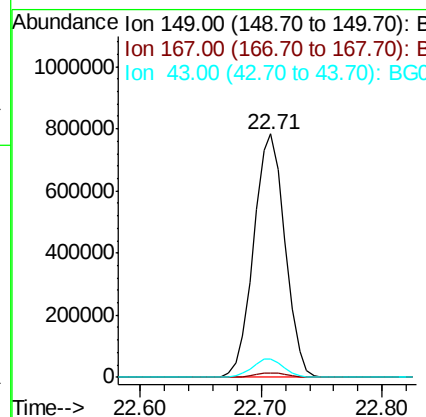
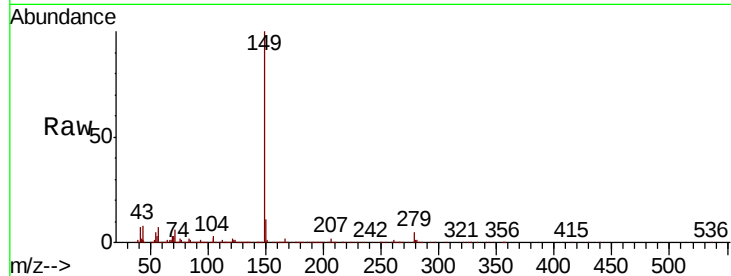
#85
Di-n-octyl phthalate
Concen: 47.143 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.6	5.8	8.8

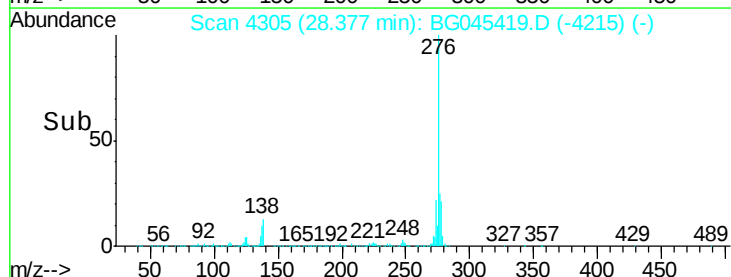
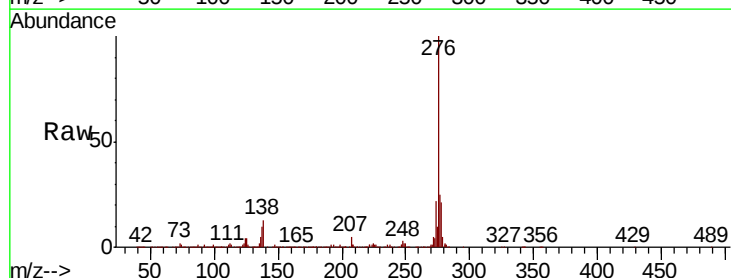
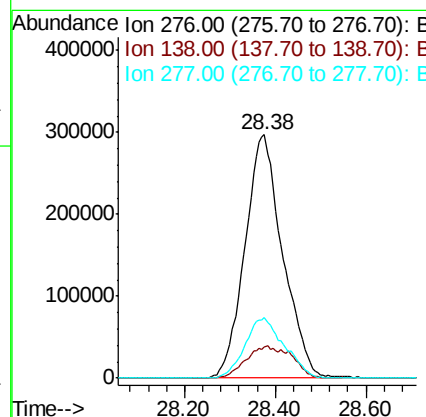
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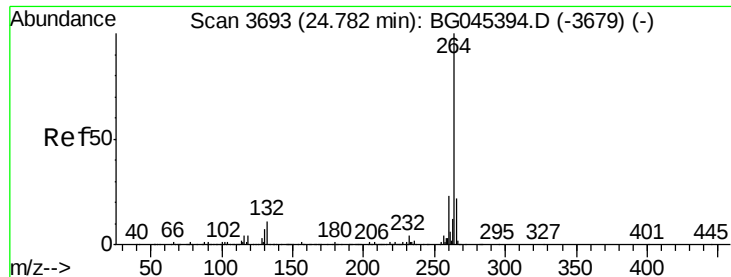
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.451 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	8.6	12.8
277	25.9	20.2	30.4





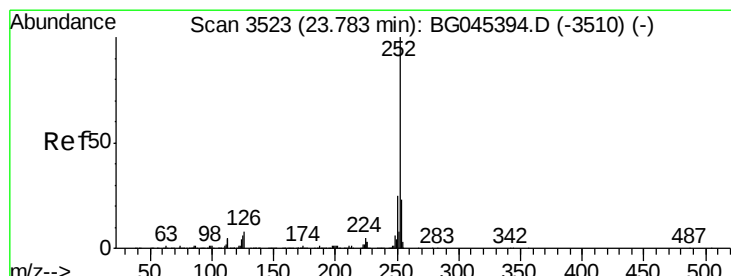
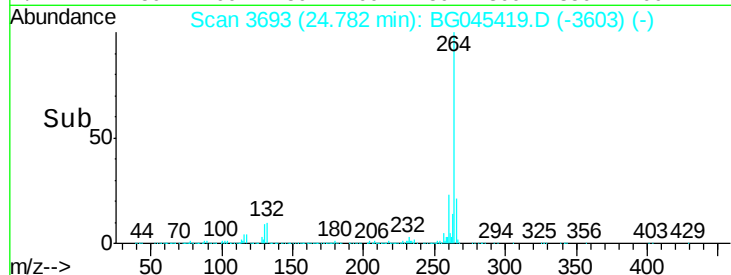
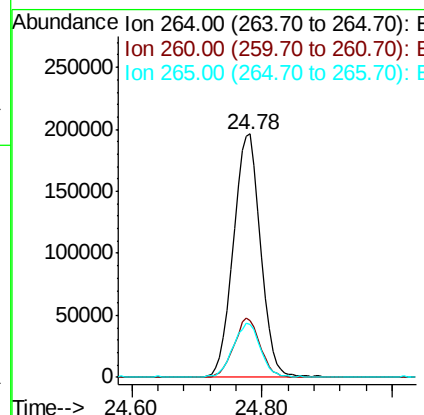
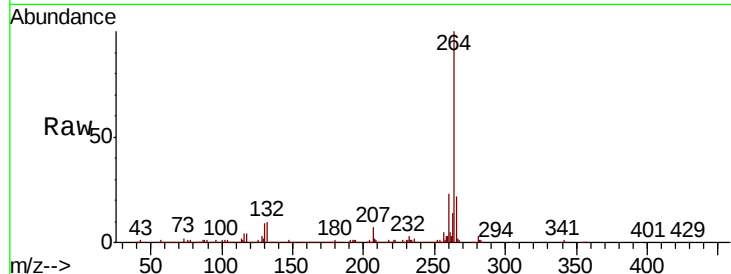
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.8	17.6	26.4

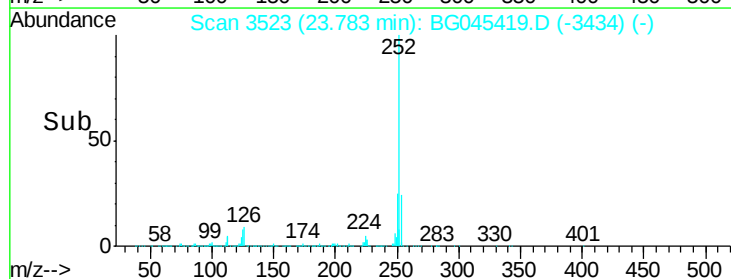
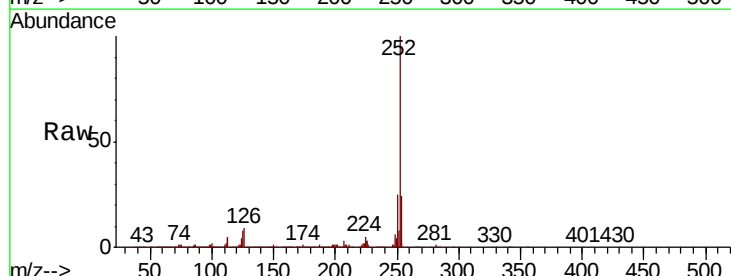
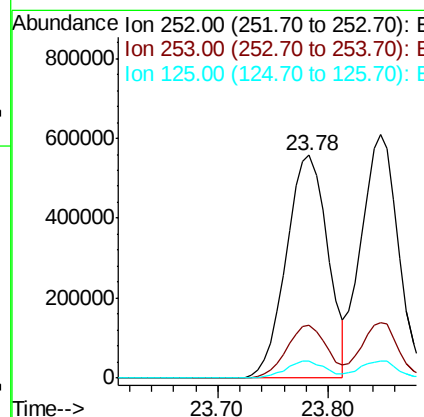
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#88
Benzo(b)fluoranthene
Concen: 47.457 ng
RT: 23.78 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	7.5	5.0	7.6





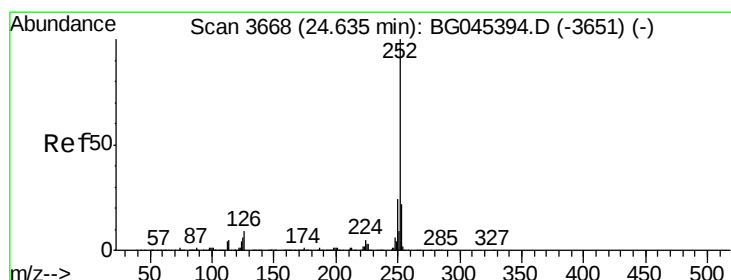
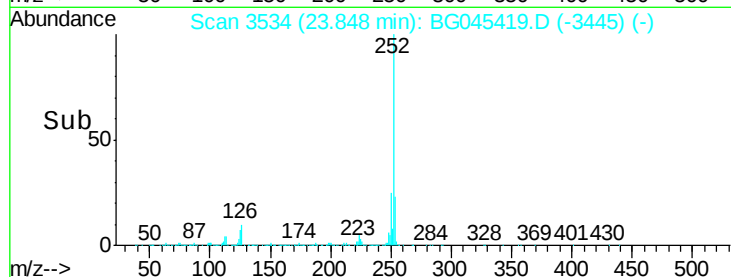
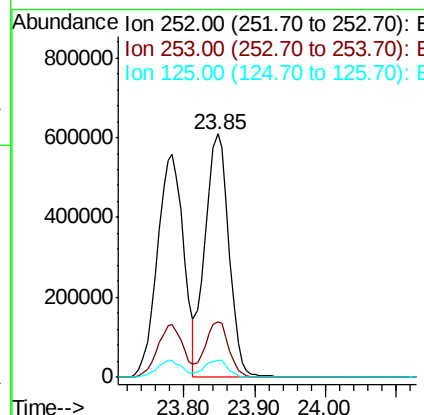
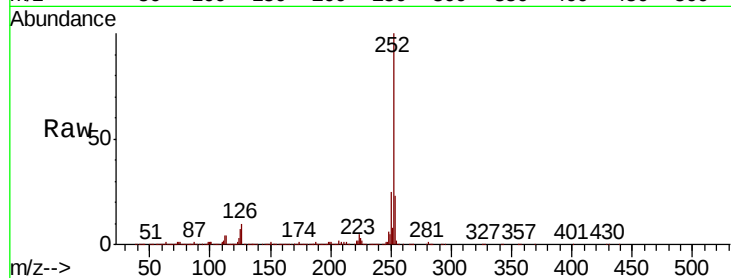
#89
Benzo(k)fluoranthene
Concen: 50.271 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	7.3	5.7	8.5

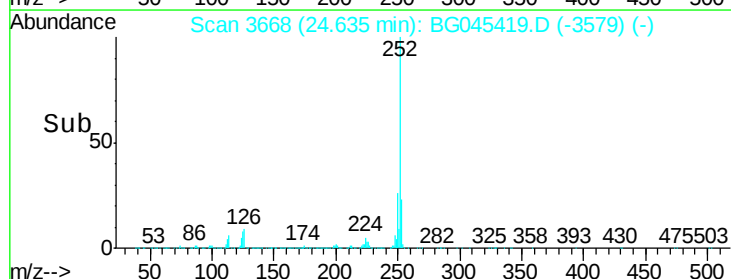
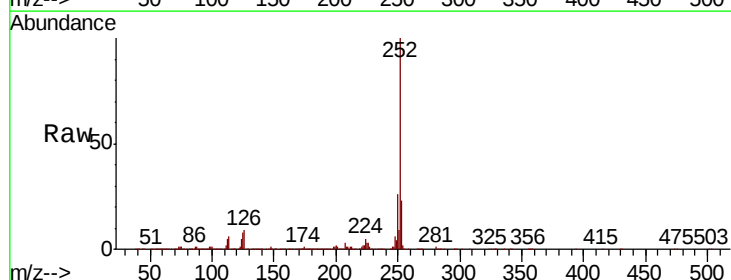
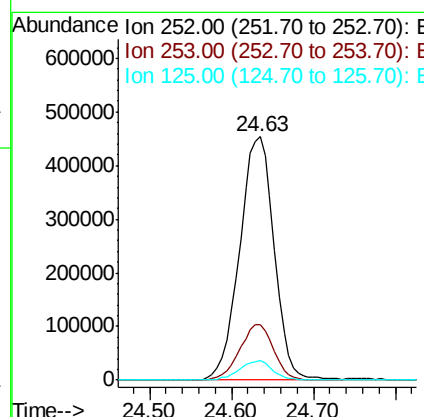
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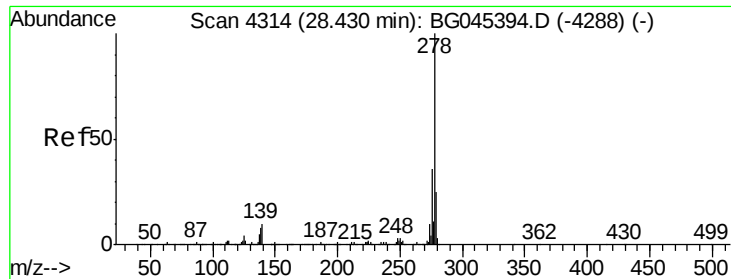
mohammad
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#90
Benzo(a)pyrene
Concen: 46.921 ng
RT: 24.63 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.2	5.0	7.6





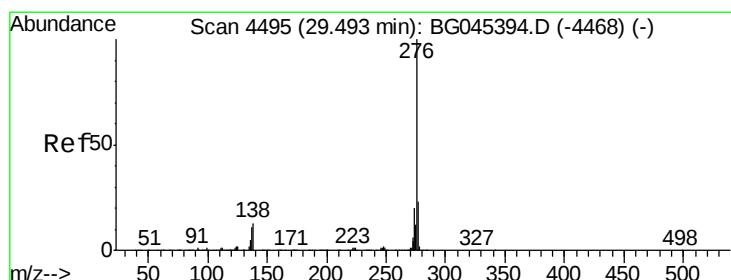
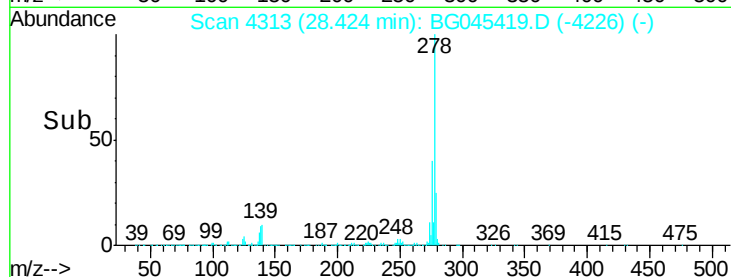
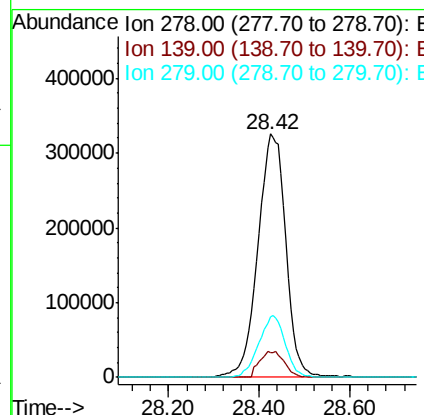
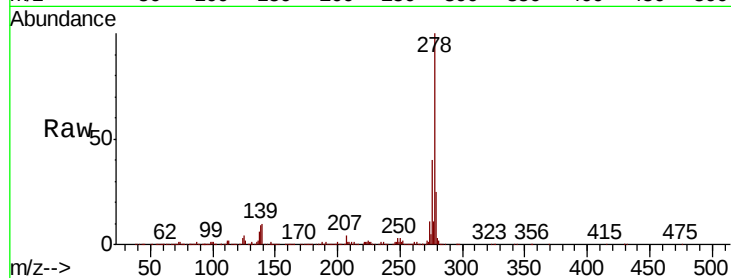
#91
Dibenzo(a,h)anthracene
Concen: 48.930 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.02 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.8	11.8
279	25.0	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 50.007 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.00 min
Lab File: BG045419.D
Acq: 18 May 2020 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	13.0	10.2	15.4

