

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045418.D
 Acq On : 18 May 2020 18:28
 Operator : CG/JU
 Sample : L2503-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Manual Integrations
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mohammad
 5/19/2020 3:05:59 PM

Quant Time: May 19 04:28:51 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	7.97	152	70136	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	298247	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	225880	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	554072	20.00	ng	0.00
76) Chrysene-d12	21.62	240	497139	20.00	ng	0.00
87) Perylene-d12	24.78	264	540990	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	464140	129.33	ng	0.00
7) Phenol-d6	7.21	99	635601	124.43	ng	0.00
23) Nitrobenzene-d5	9.13	82	500134	91.44	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	411407	142.42	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1208995	90.79	ng	0.00
79) Terphenyl-d14	19.97	244	2090477	98.07	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	63038	35.422	ng	# 40
3) Pyridine	3.83	79	108382	21.867	ng	91
4) n-Nitrosodimethylamine	3.73	42	69005	42.546	ng	# 88
6) Aniline	7.30	93	228648	34.290	ng	96
8) 2-Chlorophenol	7.56	128	194469	49.413	ng	98
9) Benzaldehyde	7.10	77	116545	35.020	ng	98
10) Phenol	7.24	94	228564	43.417	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	191842	46.719	ng	98
12) 1,3-Dichlorobenzene	7.86	146	205109	43.368	ng	98
13) 1,4-Dichlorobenzene	8.00	146	204169	43.744	ng	96
14) 1,2-Dichlorobenzene	8.32	146	198104	44.131	ng	95
15) Benzyl Alcohol	8.23	79	213843	50.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	181928	46.675	ng	97
17) 2-Methylphenol	8.47	107	183679	46.614	ng	98
18) Hexachloroethane	9.05	117	77545	43.380	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	184073	52.113	ng	98
20) 3+4-Methylphenols	8.80	107	243397m	45.361	ng	
22) Acetophenone	8.79	105	323117	45.710	ng	96
24) Nitrobenzene	9.17	77	254817	43.486	ng	98
25) Isophorone	9.70	82	511937	47.529	ng	99
26) 2-Nitrophenol	9.89	139	116607	46.518	ng	90
27) 2,4-Dimethylphenol	9.98	122	201991	54.330	ng	94
28) bis(2-Chloroethoxy)methane	10.18	93	272155	48.180	ng	96
29) 2,4-Dichlorophenol	10.46	162	219442	49.983	ng	95
30) 1,2,4-Trichlorobenzene	10.64	180	228589	44.063	ng	99
31) Naphthalene	10.82	128	646217	46.497	ng	99
32) Benzoic acid	10.18	122	122625	48.392	ng	99
33) 4-Chloroaniline	10.95	127	96143	16.549	ng	95
34) Hexachlorobutadiene	11.12	225	150194	40.957	ng	99
35) Caprolactam	11.72	113	65566m	40.687	ng	
36) 4-Chloro-3-methylphenol	12.12	107	262961	53.154	ng	97
37) 2-Methylnaphthalene	12.43	142	499929	48.261	ng	96
38) 1-Methylnaphthalene	12.65	142	483310m	49.392	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	276986	43.902	ng	99

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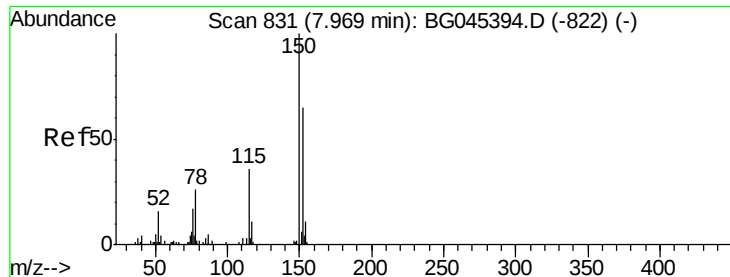
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	315303	86.585	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	202483	46.200	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	216531	43.234	ng	98
46) 1,1'-Biphenyl	13.44	154	671375	48.372	ng	98
47) 2-Chloronaphthalene	13.49	162	499343	44.305	ng	99
48) 2-Nitroaniline	13.70	65	175688	47.389	ng	86
49) Acenaphthylene	14.34	152	856968	47.338	ng	99
50) Dimethylphthalate	14.07	163	809617	52.250	ng	99
51) 2,6-Dinitrotoluene	14.18	165	163568	46.781	ng	98
52) Acenaphthene	14.68	154	647147m	53.404	ng	
53) 3-Nitroaniline	14.53	138	101302	28.501	ng	93
54) 2,4-Dinitrophenol	14.73	184	197176	85.671	ng	97
55) Dibenzofuran	15.01	168	840195	46.689	ng	97
56) 4-Nitrophenol	14.91	139	216146	80.322	ng	95
57) 2,4-Dinitrotoluene	14.98	165	236899	46.782	ng	97
58) Fluorene	15.66	166	703235	47.567	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	208966	47.425	ng	97
60) Diethylphthalate	15.44	149	753753	46.736	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	386821	45.723	ng	98
62) 4-Nitroaniline	15.70	138	173233	46.686	ng	93
63) Azobenzene	15.95	77	709850	47.202	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	146182	45.301	ng	96
66) n-Nitrosodiphenylamine	15.87	169	635654	47.782	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	267977	44.665	ng	99
68) Hexachlorobenzene	16.67	284	287134	45.757	ng	95
69) Atrazine	16.82	200	242993	44.346	ng	99
70) Pentachlorophenol	17.03	266	273430	83.917	ng	97
71) Phenanthrene	17.40	178	1142106	47.217	ng	99
72) Anthracene	17.49	178	1172627	48.275	ng	97
73) Carbazole	17.77	167	1089340	46.007	ng	100
74) Di-n-butylphthalate	18.33	149	1288366	45.335	ng	99
75) Fluoranthene	19.41	202	1397954	45.438	ng	98
77) Benzidine	19.59	184	285763	20.467	ng	98
78) Pyrene	19.77	202	1392843	49.149	ng	98
80) Butylbenzylphthalate	20.66	149	570051	46.603	ng	99
81) Benzo(a)anthracene	21.60	228	1303384	47.064	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	302889	27.882	ng	100
83) Chrysene	21.67	228	1228006	46.116	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	782100	46.513	ng	98
85) Di-n-octyl phthalate	22.71	149	1325466	45.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1614748	46.372	ng	# 95
88) Benzo(b)fluoranthene	23.78	252	1375957	47.424	ng	98
89) Benzo(k)fluoranthene	23.85	252	1332111	48.870	ng	98
90) Benzo(a)pyrene	24.63	252	1259378	46.607	ng	97
91) Dibenzo(a,h)anthracene	28.43	278	1314345	48.404	ng	99
92) Benzo(g,h,i)perylene	29.48	276	1337917	49.265	ng	97

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



#1

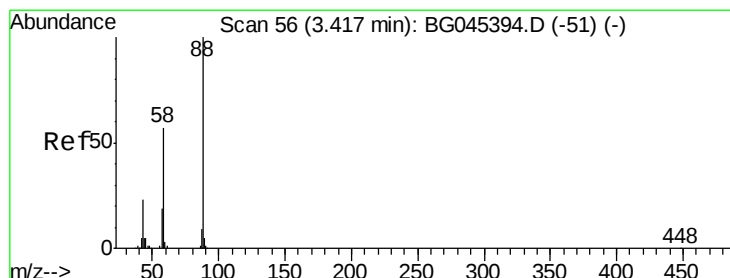
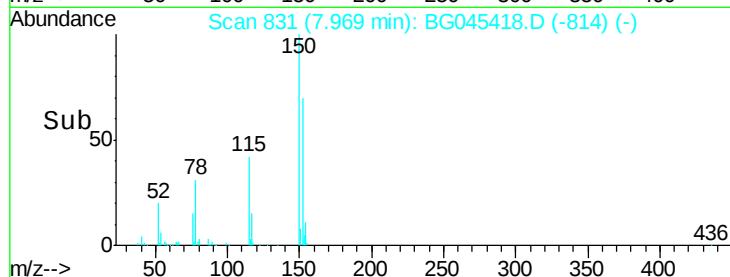
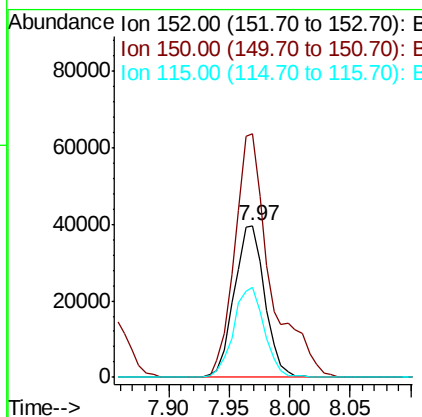
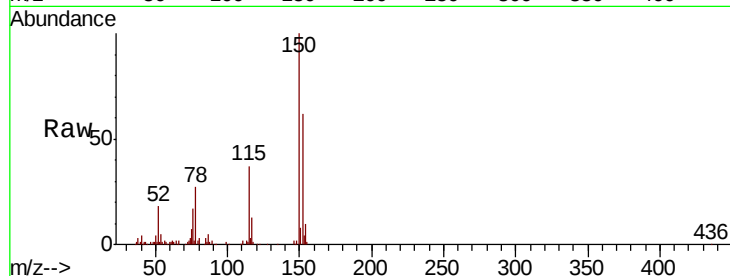
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	122.4	183.6
115	59.6	44.2	66.4

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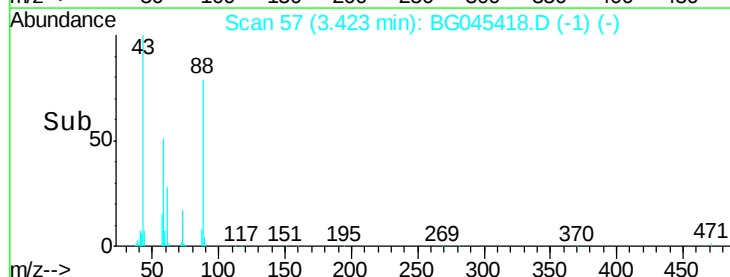
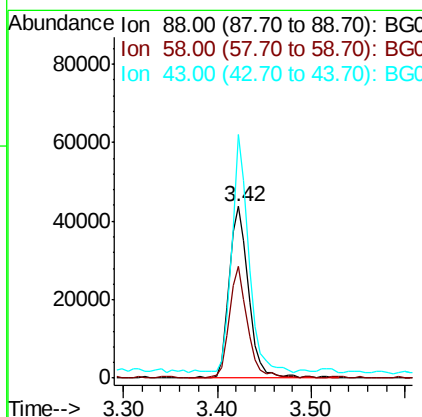
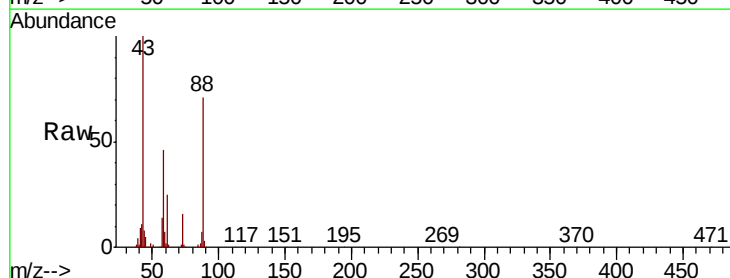
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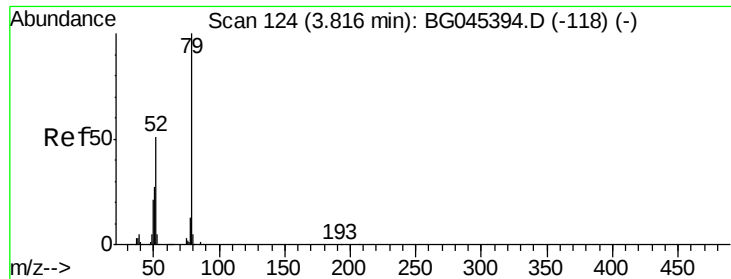


#2

1,4-Dioxane
Concen: 35.422 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	45.7	68.5
43	119.0	16.8	25.2#





#3

Pvridine

Concen: 21.867 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.02 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

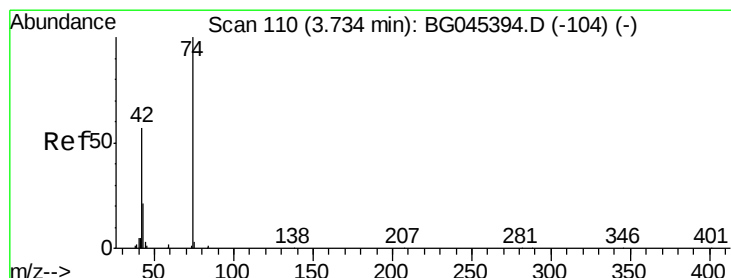
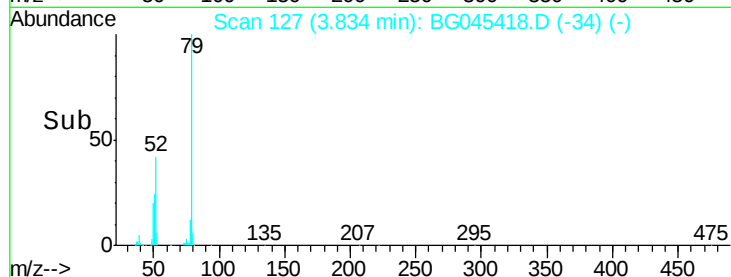
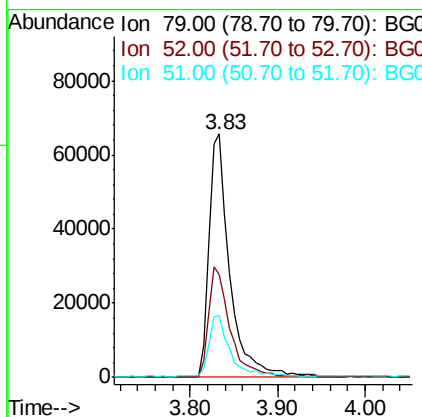
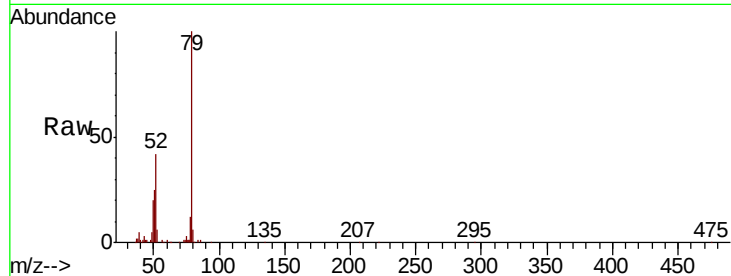
ClientSampleId :

OR-02-051420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	42.5		40.8	61.2	
51	25.3		21.9	32.9	

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#4

n-Nitrosodimethylamine

Concen: 42.546 ng

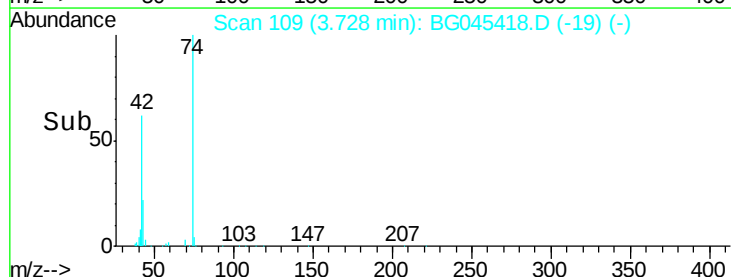
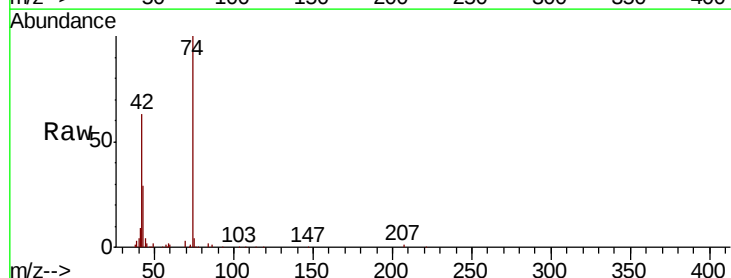
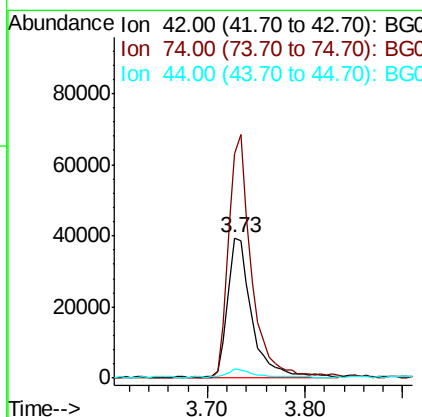
RT: 3.73 min Scan# 109

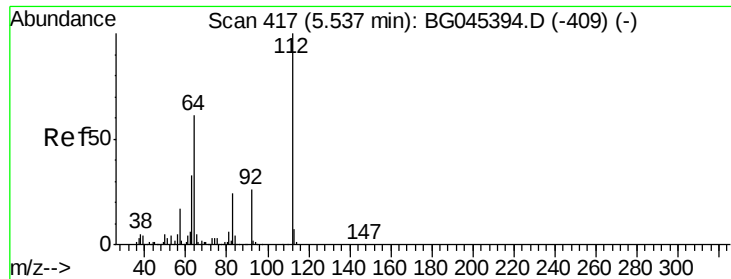
Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	159.5		141.3	211.9	
44	6.5		4.2	6.4	





#5

2-Fluorophenol

Concen: 129.330 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

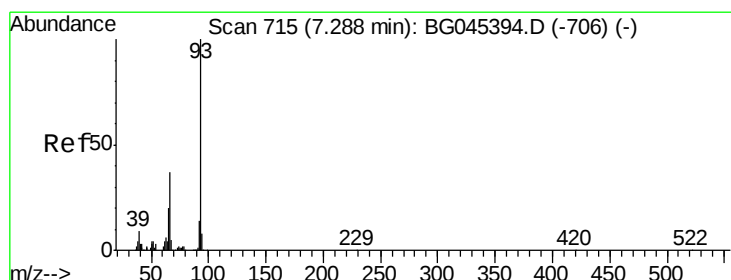
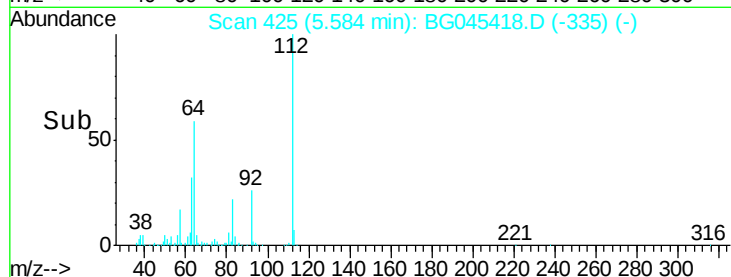
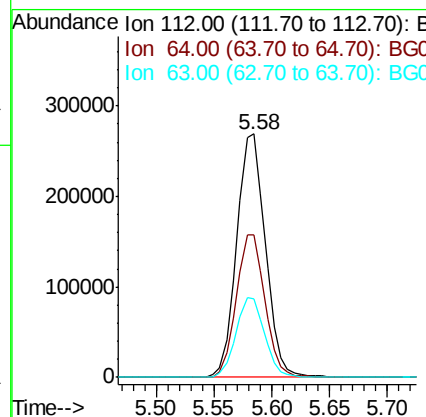
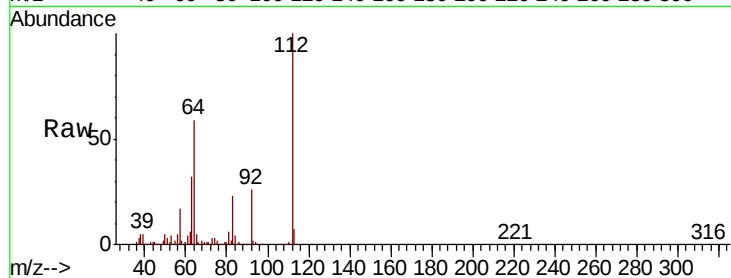
ClientSampleId :

OR-02-051420MS

Tot Ion:	112	Resp:	464140
Ion Ratio	Lower	Upper	
112	100		
64	58.5	48.6	72.8
63	32.1	26.5	39.7

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#6

Aniline

Concen: 34.290 ng

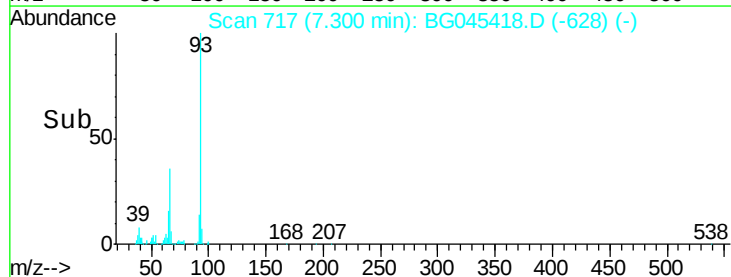
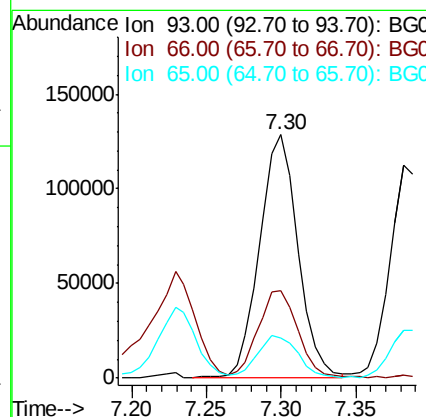
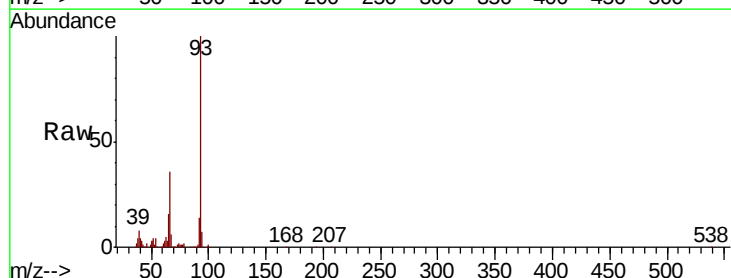
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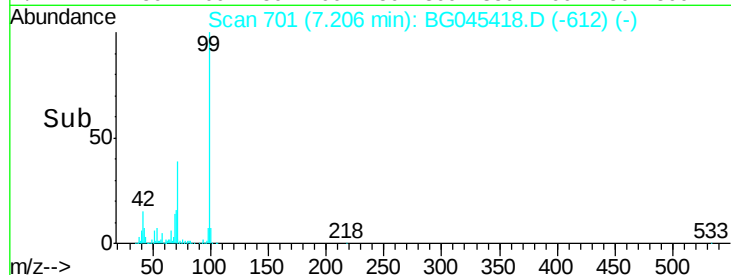
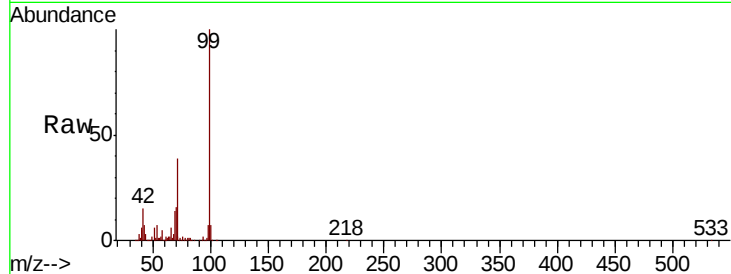
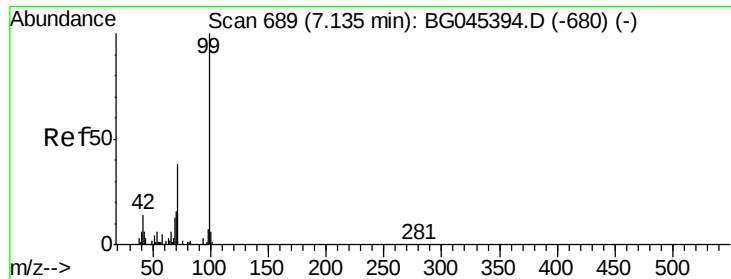
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	93	Resp:	228648
Ion Ratio	Lower	Upper	
93	100		
66	35.9	29.6	44.4
65	16.5	15.9	23.9





#7

Phenol-d6

Concen: 124.434 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tot Ion:	99	Resp:	635601
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.3	16.9
71	38.6	30.8	46.2

Instrument :

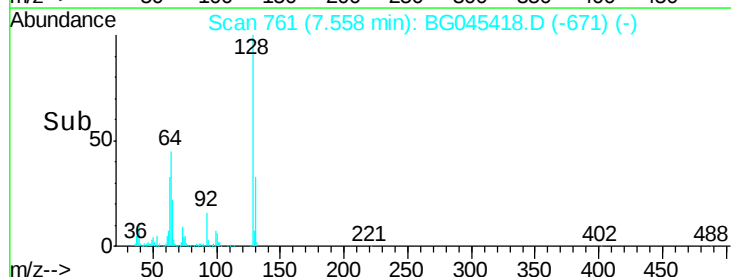
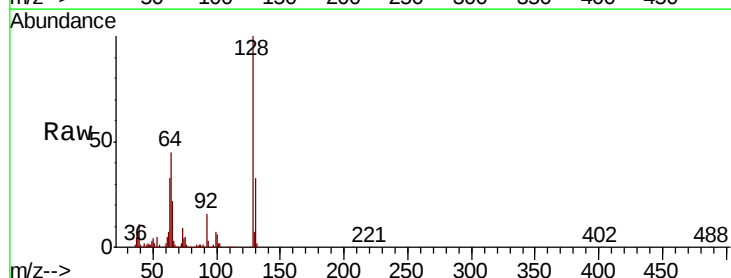
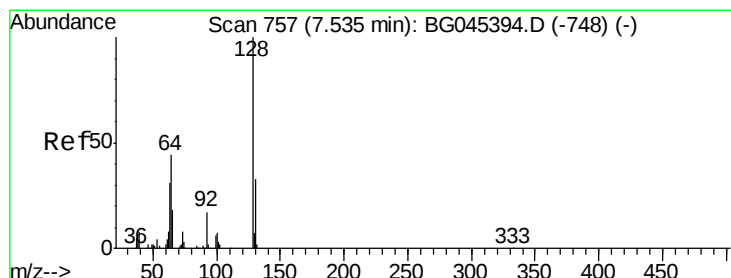
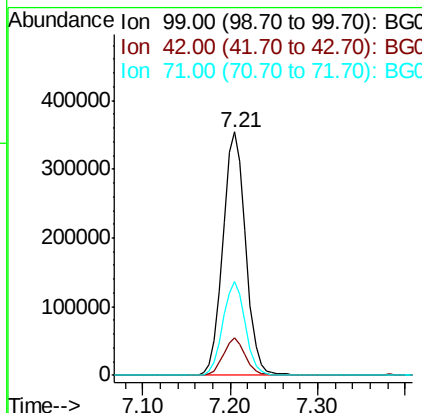
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#8

2-Chlorophenol

Concen: 49.413 ng

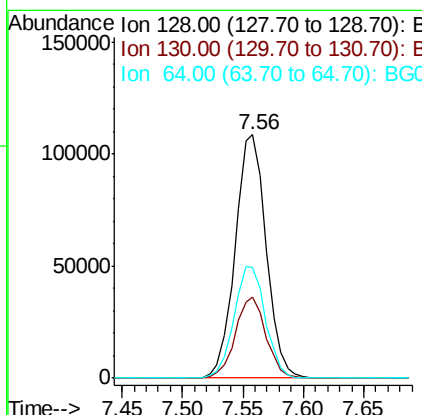
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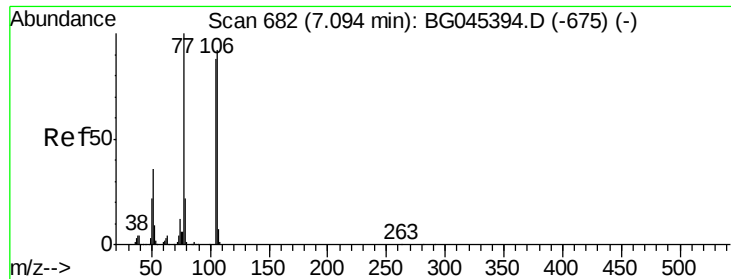
Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	128	Resp:	194469
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.6	52.6
64	45.5	27.0	67.0





#9

Benzaldehyde

Concen: 35.020 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

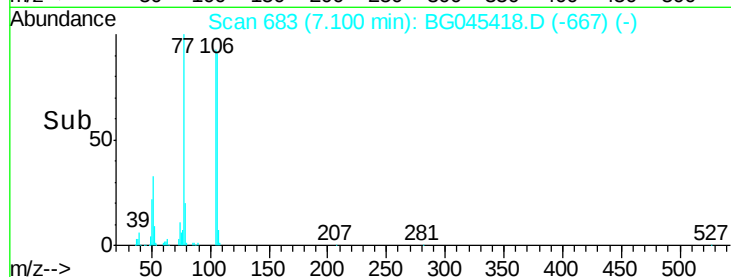
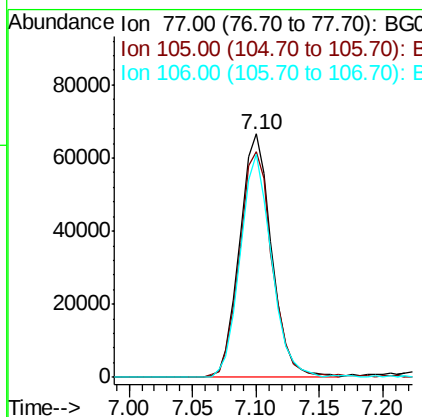
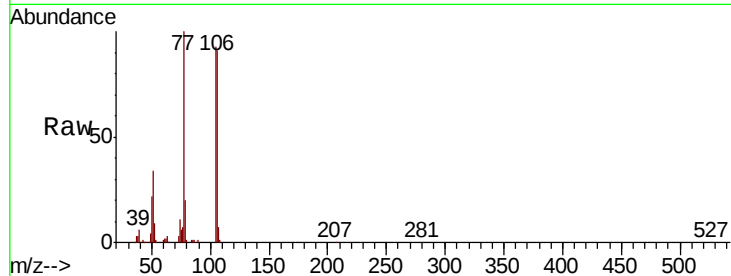
ClientSampleId :

OR-02-051420MS

Tot Ion:	77	Resp:	116545
Ion	Ratio	Lower	Upper
77	100		
105	92.8	68.5	108.5
106	91.5	71.6	111.6

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#10

Phenol

Concen: 43.417 ng

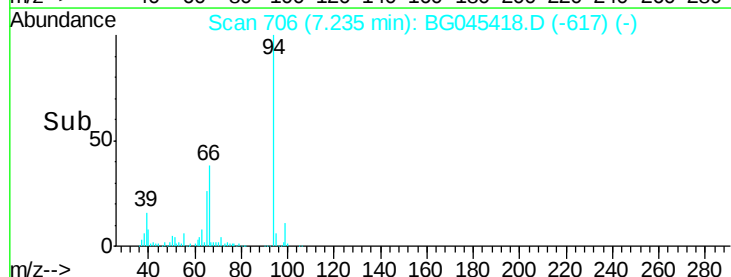
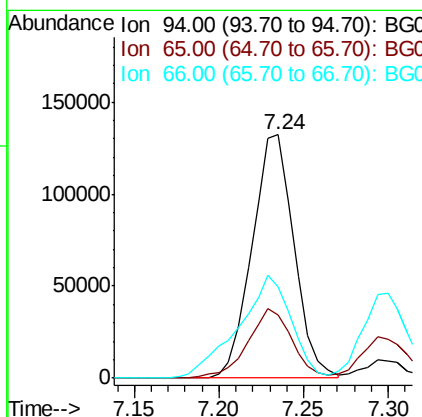
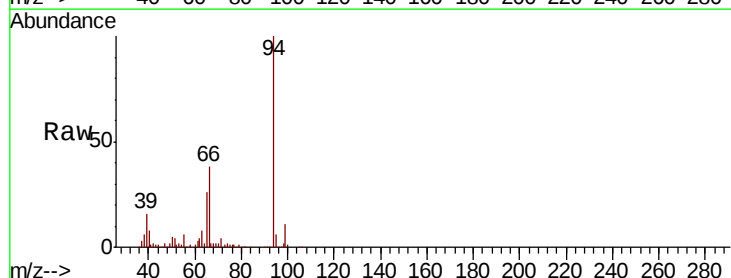
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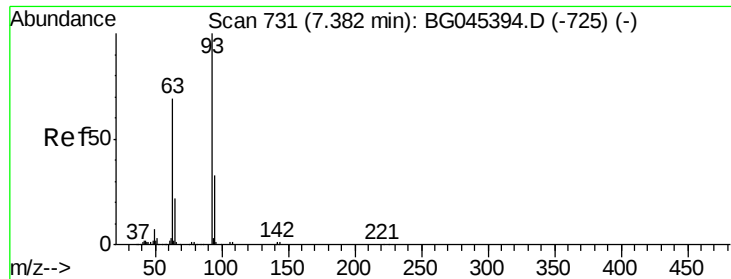
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	94	Resp:	228564
Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.8	49.8
66	37.6	22.0	62.0





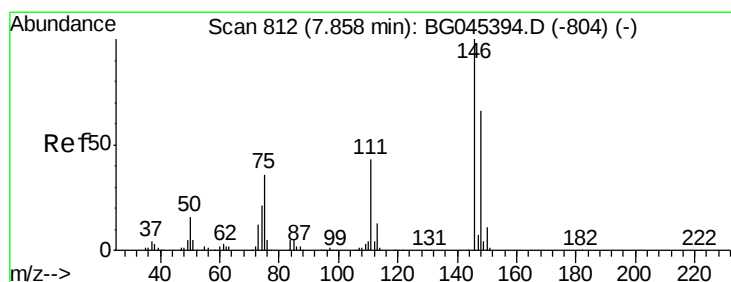
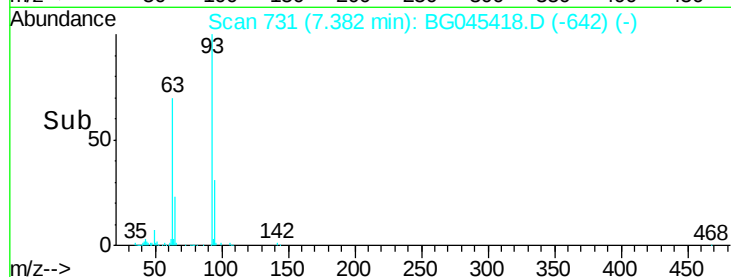
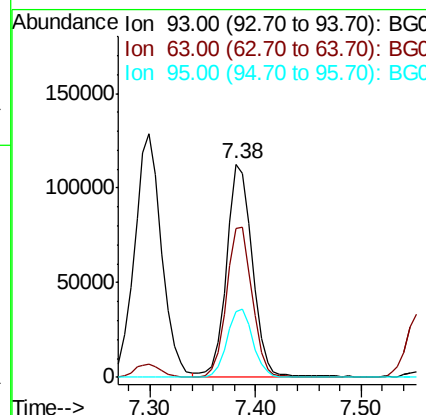
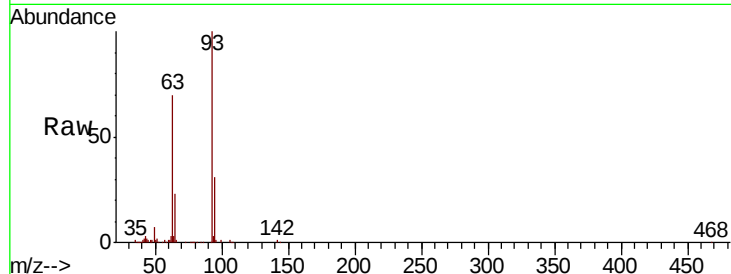
#11
bis(2-Chloroethyl)ether
Concen: 46.719 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		191842		
63	69.5	48.4	88.4		
95	31.0	12.4	52.4		

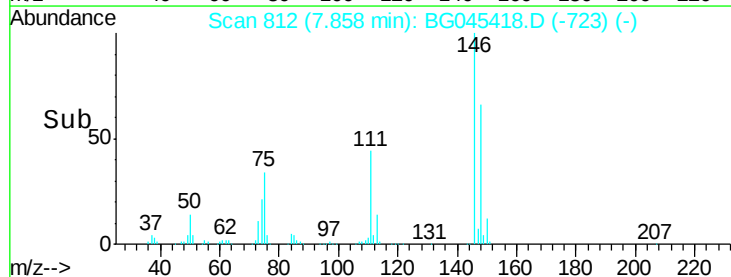
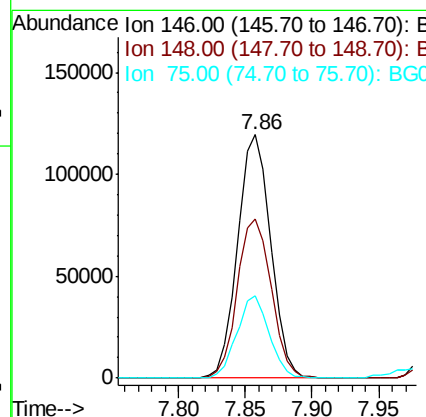
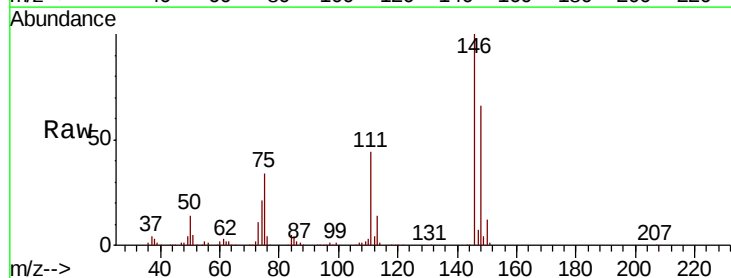
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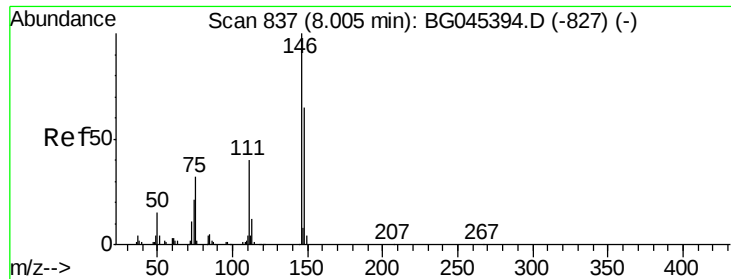
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.368 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		205109		
148	65.5	53.2	79.8		
75	33.7	28.6	43.0		





#13

1,4-Dichlorobenzene

Concen: 43.744 ng

RT: 8.00 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

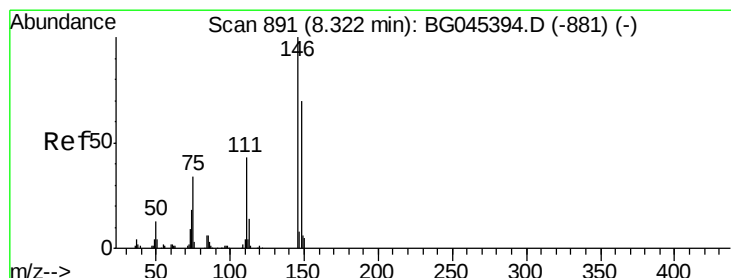
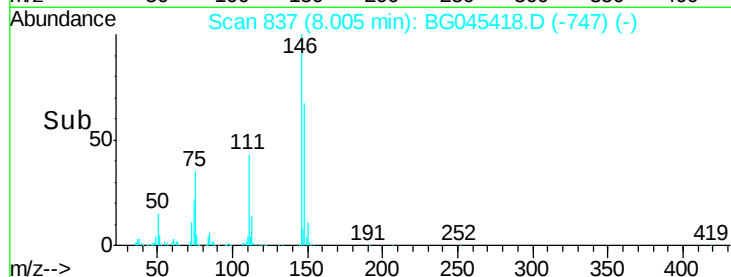
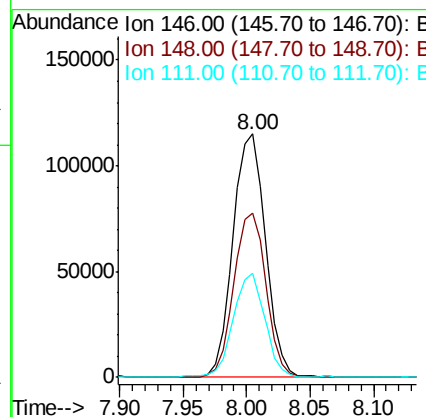
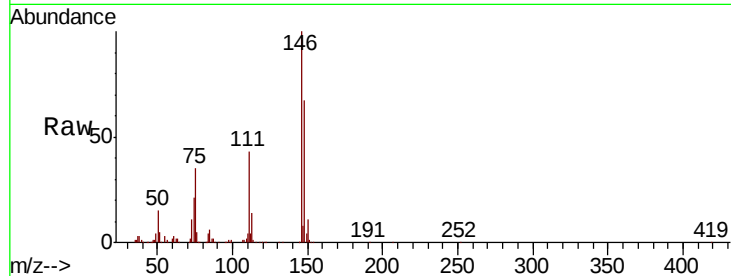
ClientSampleId :

OR-02-051420MS

Tot Ion:	146	Resp:	204169
Ion Ratio	Lower	Upper	
146	100		
148	67.4	51.8	77.8
111	42.8	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 44.131 ng

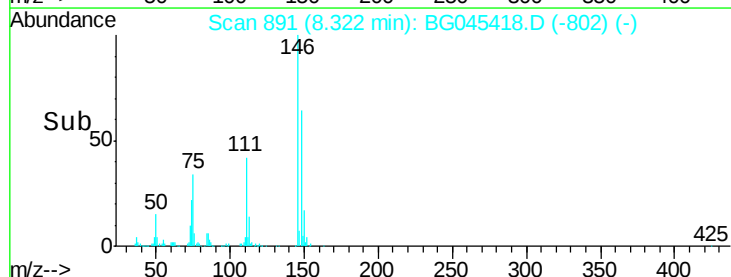
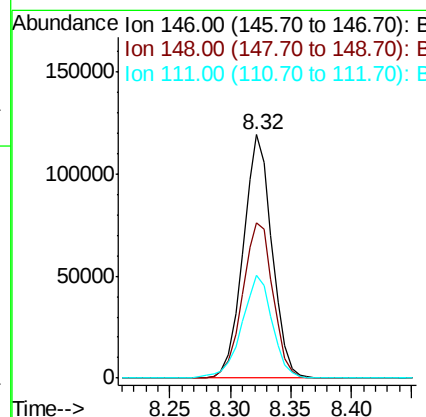
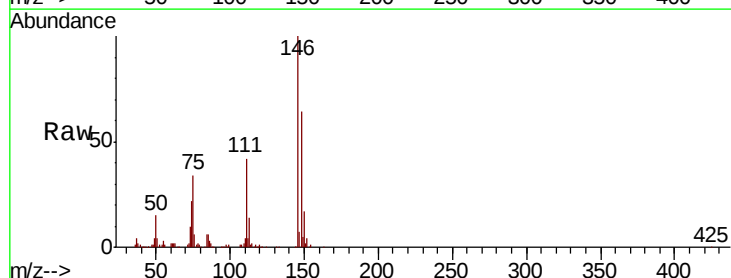
RT: 8.32 min Scan# 891

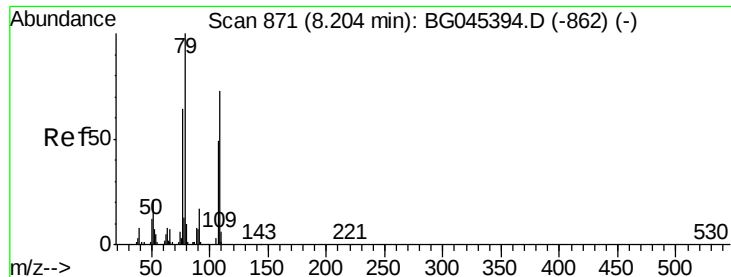
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	146	Resp:	198104
Ion Ratio	Lower	Upper	
146	100		
148	63.6	55.9	83.9
111	42.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 50.678 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

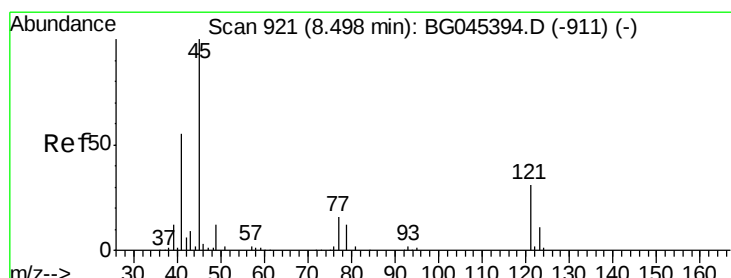
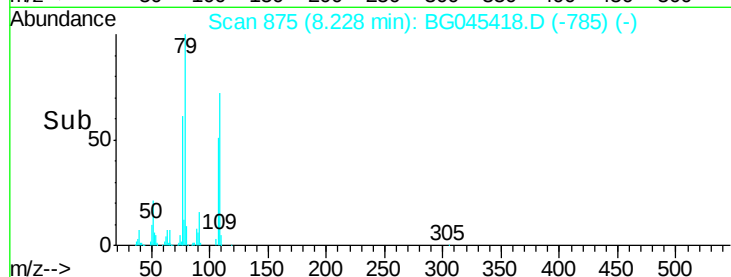
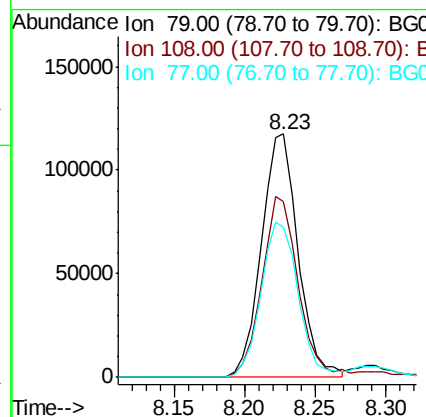
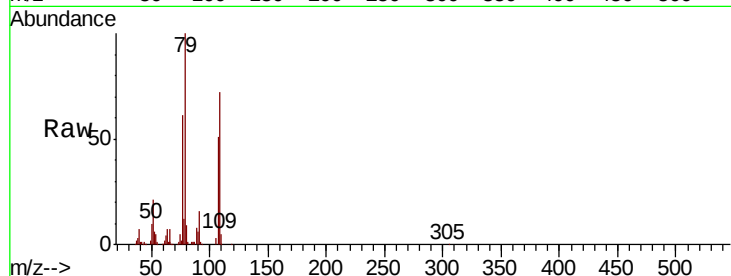
ClientSampleId :

OR-02-051420MS

Tot Ion:	79	Resp:	213843
Ion Ratio	Lower	Upper	
79	100		
108	72.4	58.2	87.4
77	61.4	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.675 ng

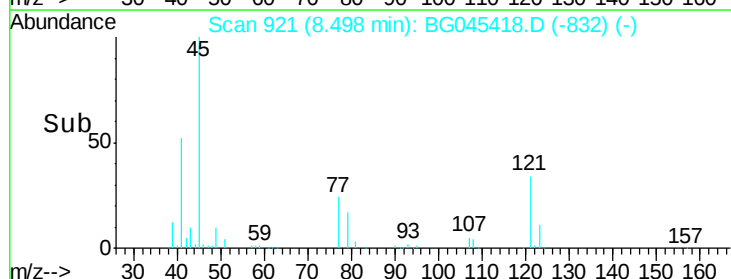
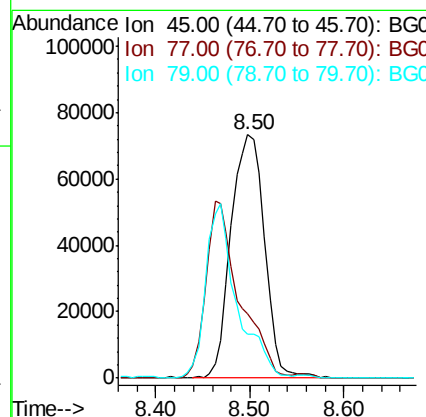
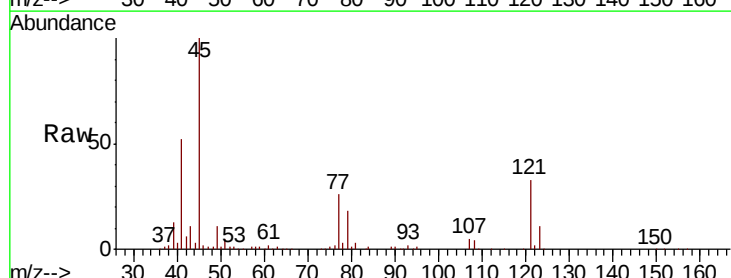
RT: 8.50 min Scan# 921

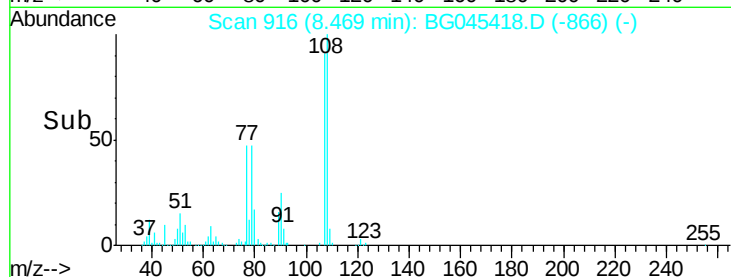
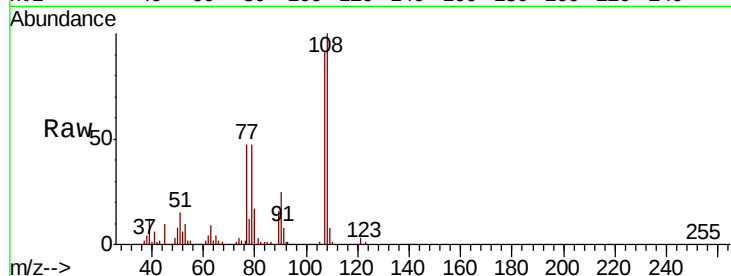
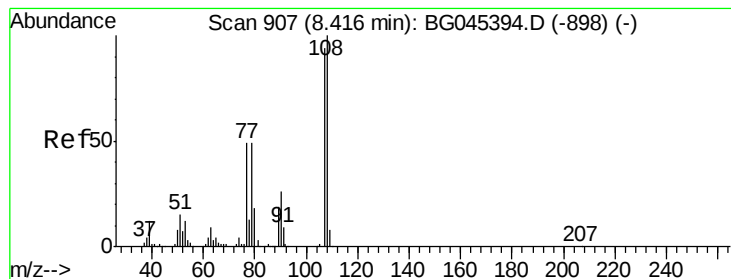
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	45	Resp:	181928
Ion Ratio	Lower	Upper	
45	100		
77	26.3	4.0	44.0
79	17.9	0.0	38.6





#17

2-Methylphenol

Concen: 46.614 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	85.2	127.8	
77	51.0	41.6	62.4	
79	51.2	41.8	62.8	

Instrument :

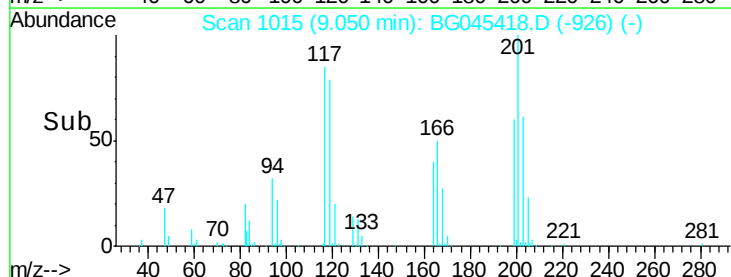
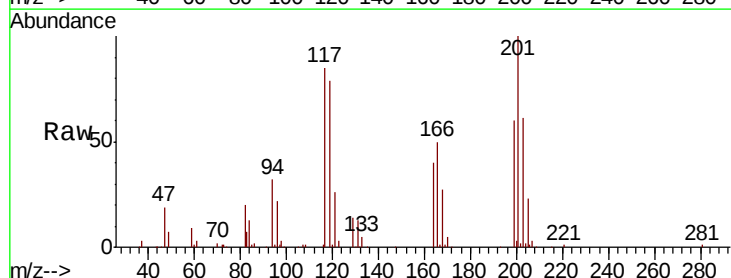
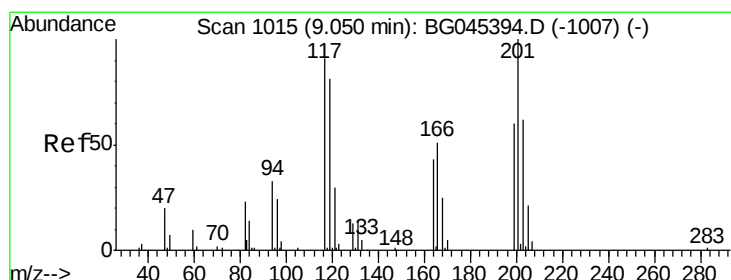
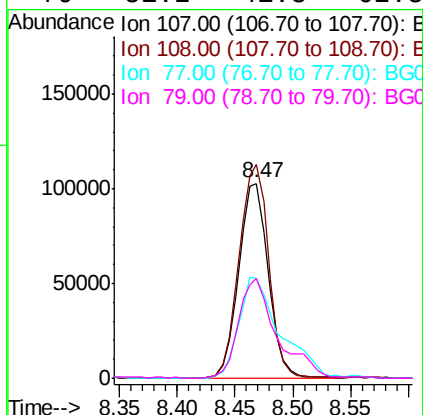
BNA_G

ClientSampleId :

OR-02-051420MS

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#18

Hexachloroethane

Concen: 43.380 ng

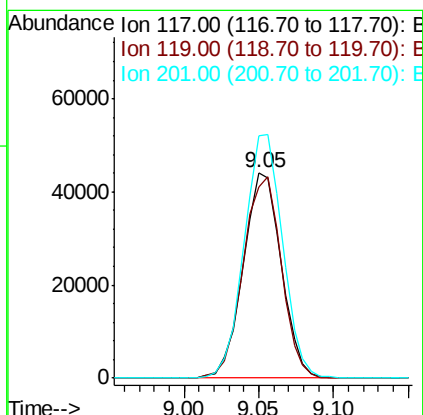
RT: 9.05 min Scan# 1015

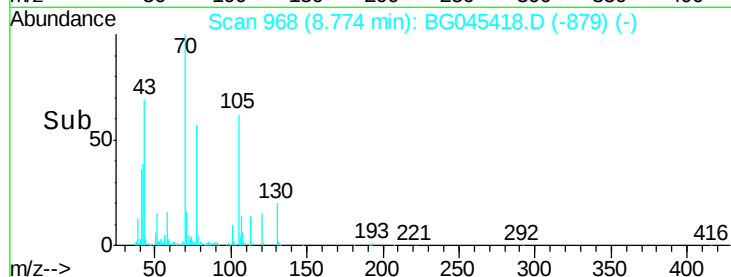
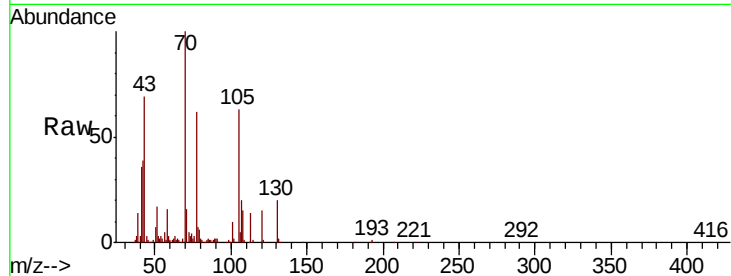
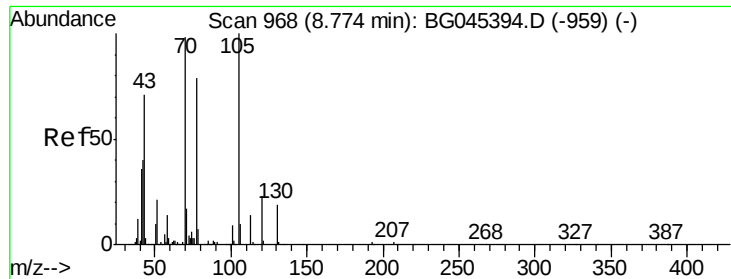
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	71.3	106.9	
201	118.1	87.5	131.3	





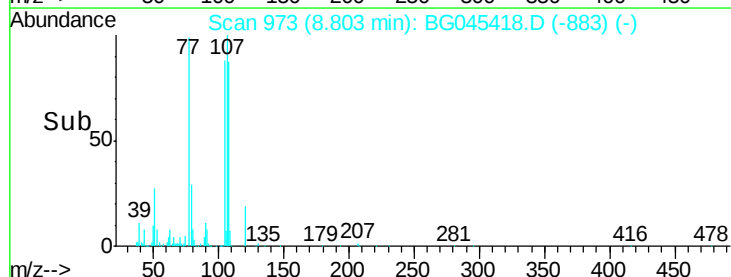
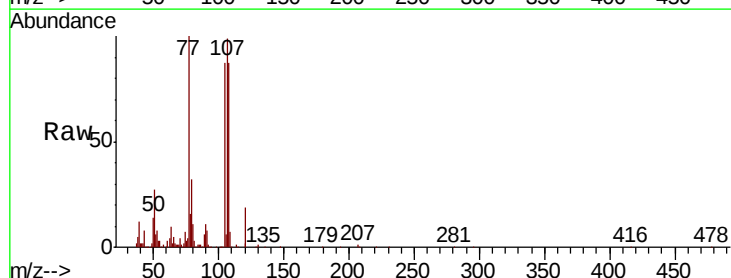
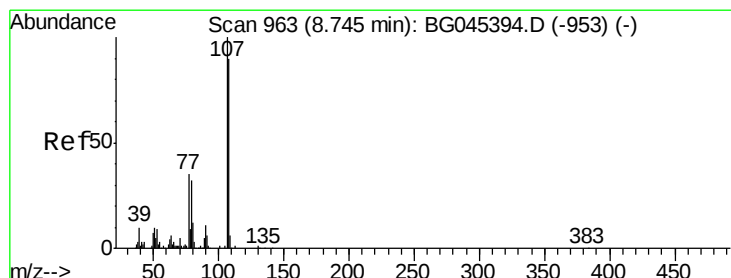
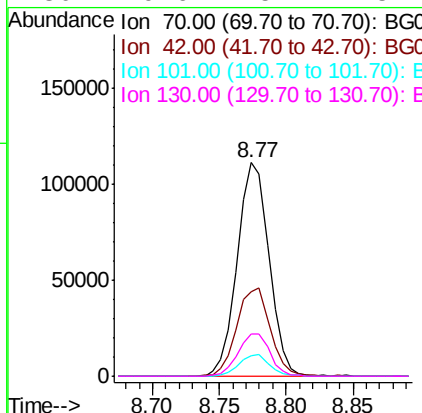
#19
n-Nitroso-di-n-propylamine
Concen: 52.113 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	39.4	33.2	49.8		
101	9.7	7.8	11.6		
130	19.6	15.4	23.2		

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

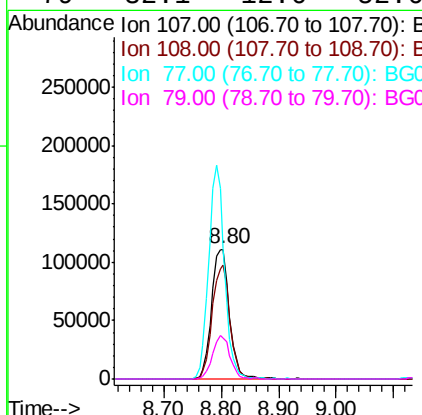
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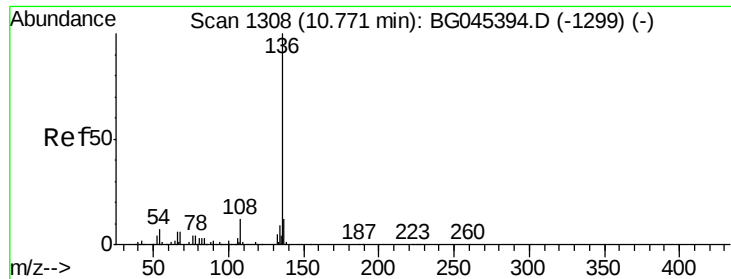
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#20
3+4-Methylphenols
Concen: 45.361 ng m
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.7	70.3	110.3		
77	101.0	15.4	55.4#		
79	32.1	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: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

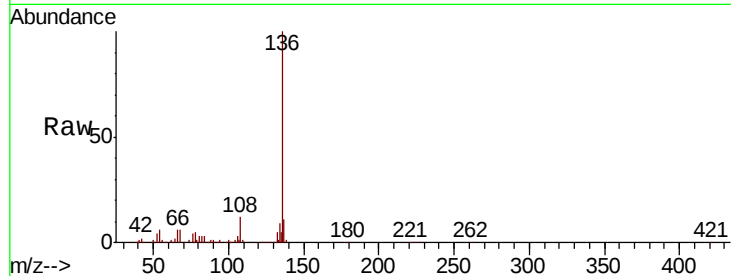
ClientSampleId :

OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	298247		
137	11.3	9.4	14.2	
54	5.5	5.8	8.6	
68	6.2	4.5	6.7	

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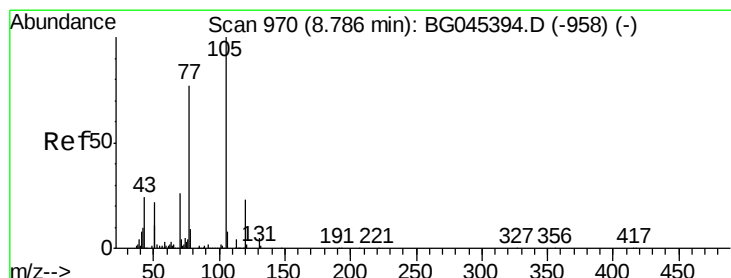
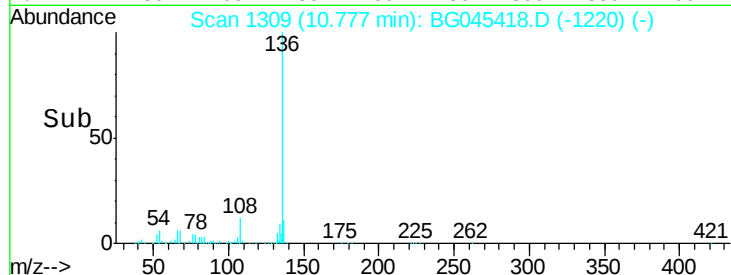
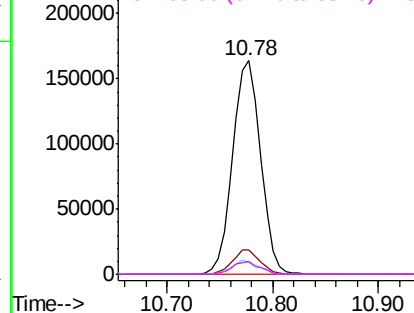
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.710 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323117		
71	3.9	3.4	5.0	
51	26.2	18.2	27.2	
120	22.5	18.6	27.8	

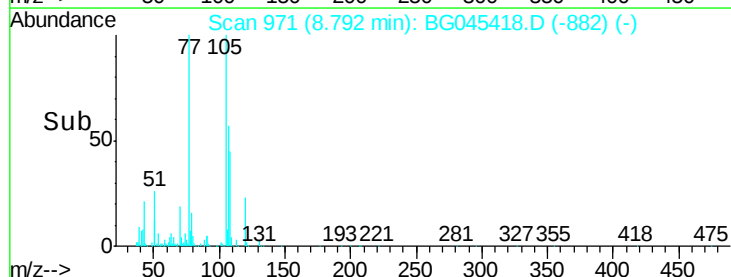
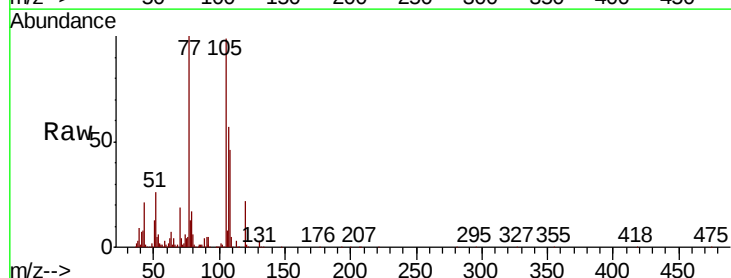
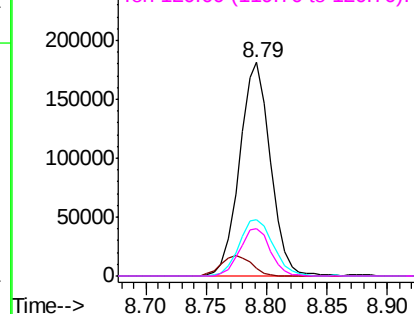
Abundance

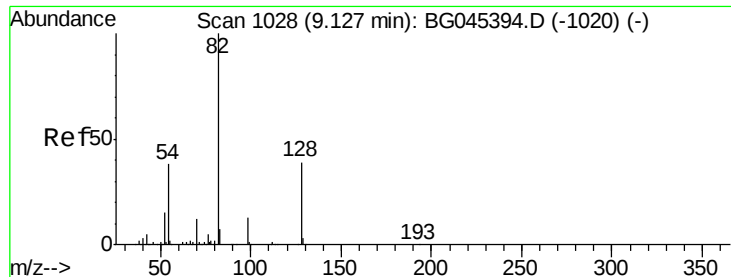
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





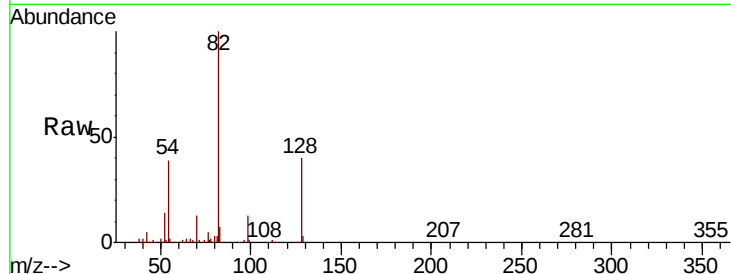
#23
Nitrobenzene-d5
Concen: 91.445 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

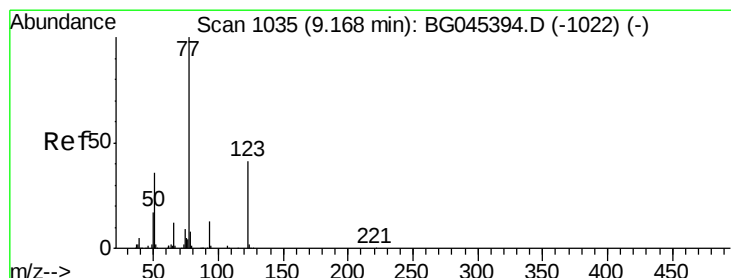
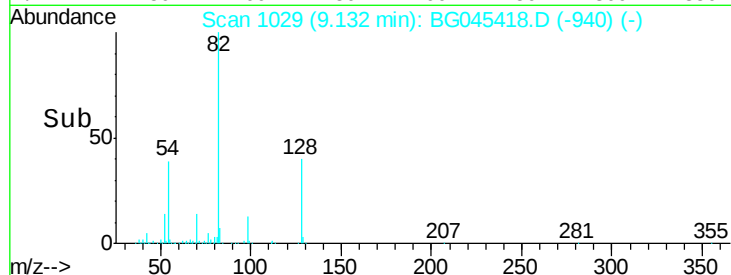
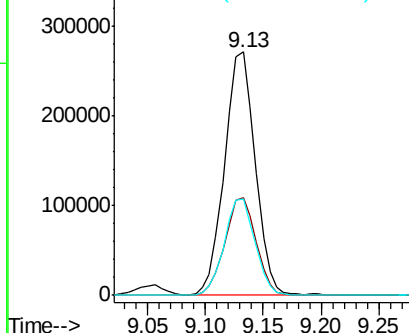
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	30.9	46.3	
54	39.4	30.3	45.5	

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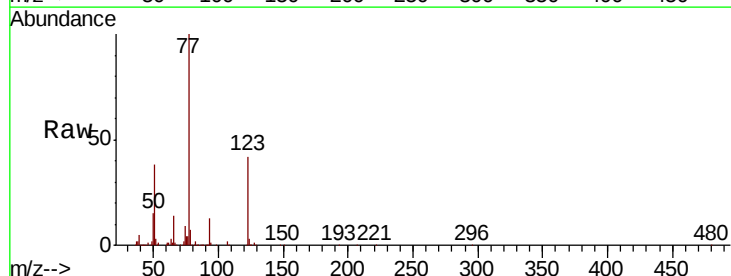


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

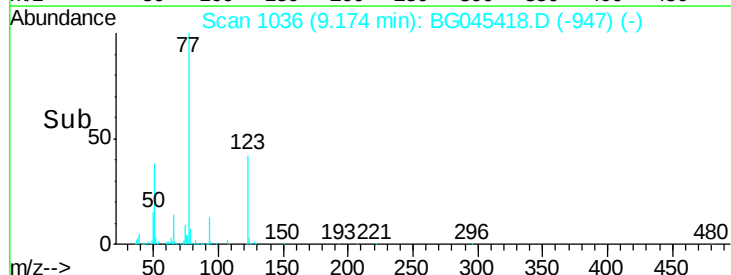
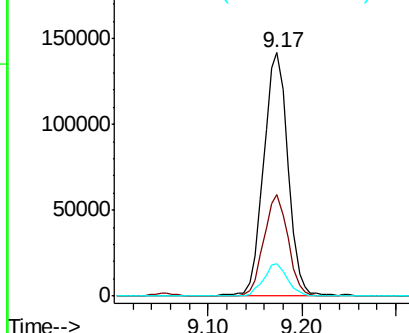


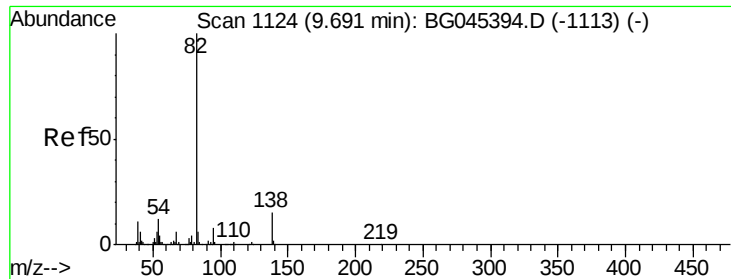
#24
Nitrobenzene
Concen: 43.486 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.9	32.9	49.3	
65	13.5	9.4	14.2	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.529 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

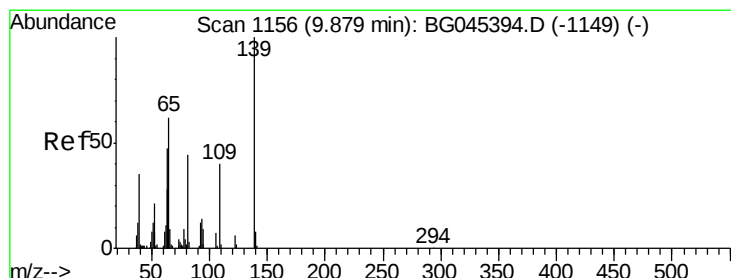
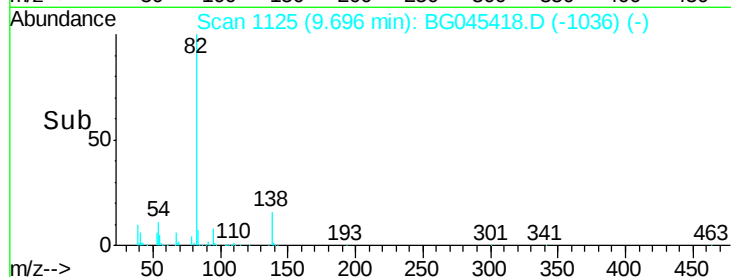
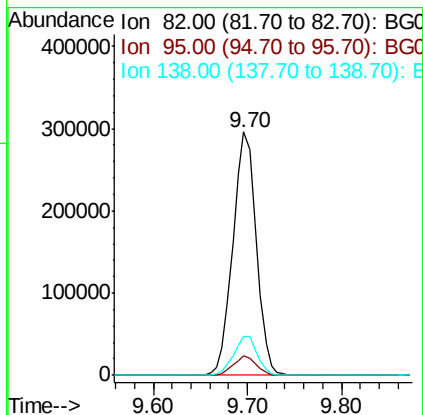
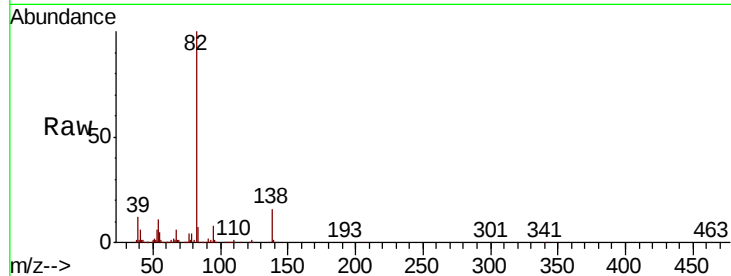
ClientSampleId :

OR-02-051420MS

Tot Ion:	82	Resp:	511937
Ion Ratio		Lower	Upper
82	100		
95	8.3	6.7	10.1
138	16.0	12.2	18.4

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#26

2-Nitrophenol

Concen: 46.518 ng

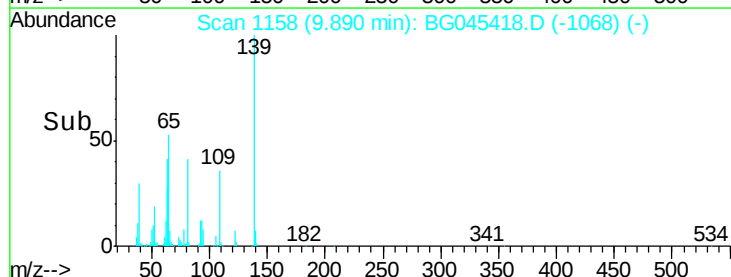
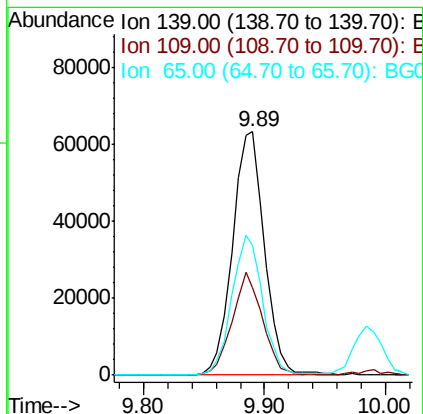
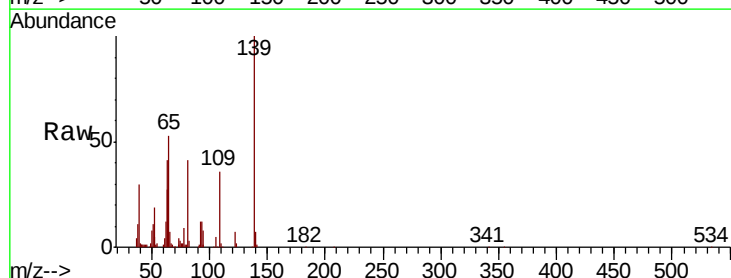
RT: 9.89 min Scan# 1158

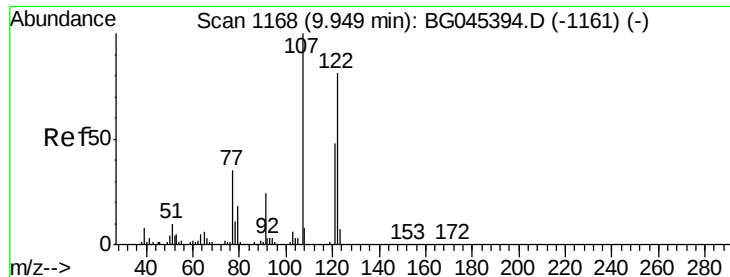
Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	139	Resp:	116607
Ion Ratio		Lower	Upper
139	100		
109	35.9	32.2	48.4
65	53.1	49.6	74.4





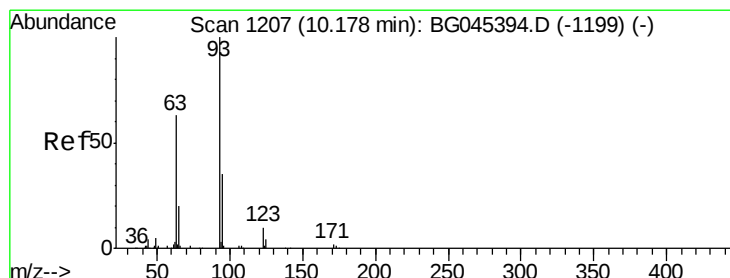
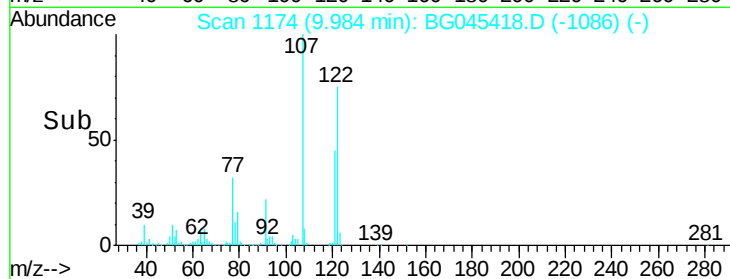
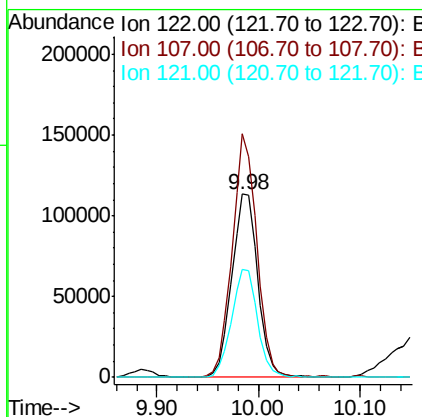
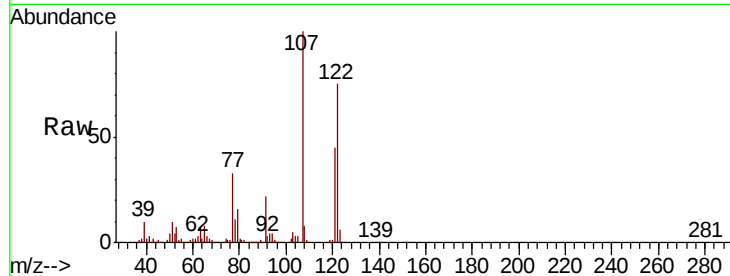
#27
2,4-Dimethylphenol
Concen: 54.330 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	201991		
107	132.9	99.0	148.4	
121	59.2	47.7	71.5	

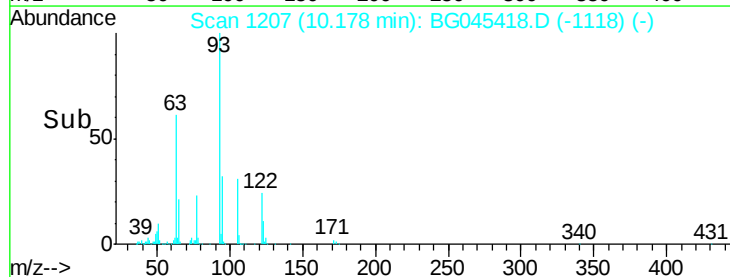
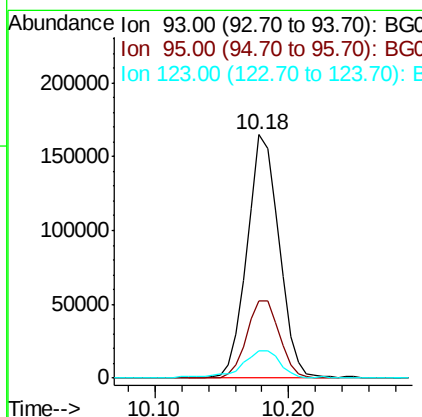
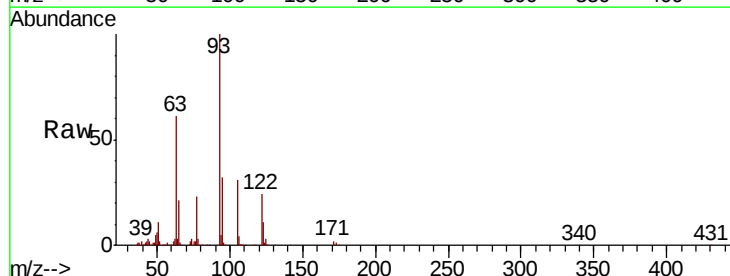
Manual Integrations
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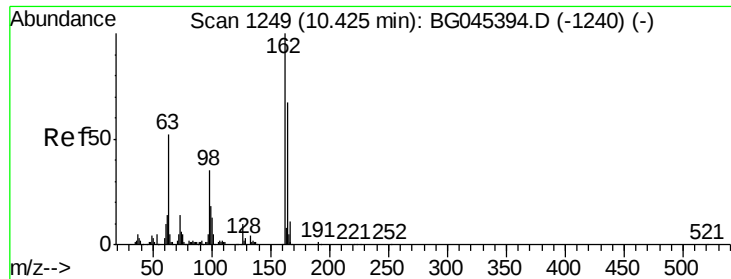
mohammad
5/19/2020 3:05:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.180 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	272155		
95	31.8	27.6	41.4	
123	11.2	8.1	12.1	





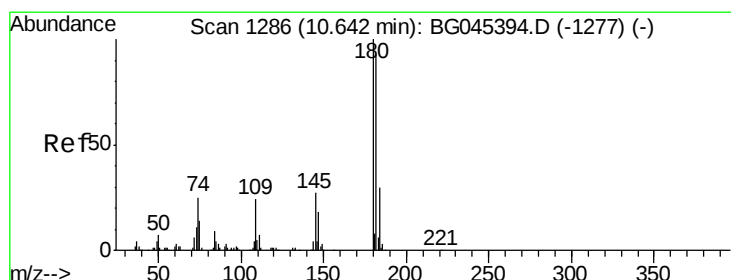
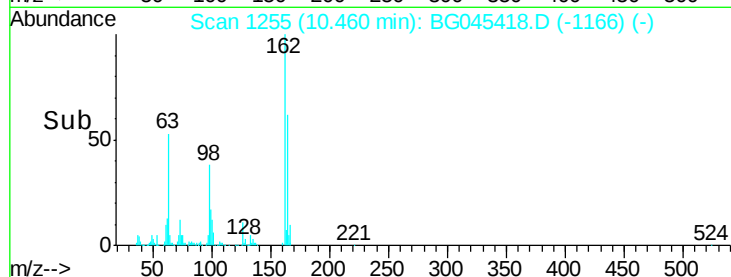
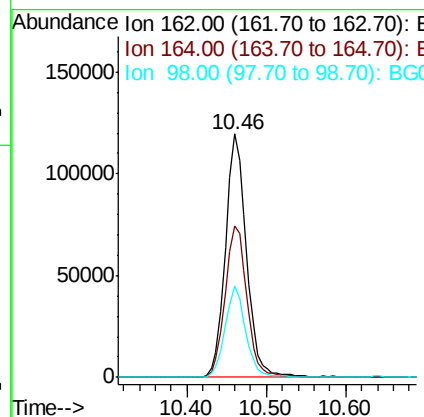
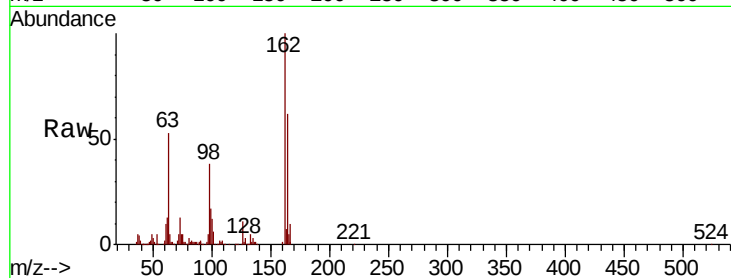
#29
 2,4-Dichlorophenol
 Concen: 49.983 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	37.6	15.2	55.2

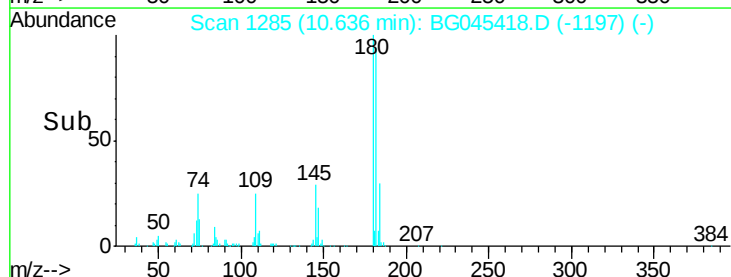
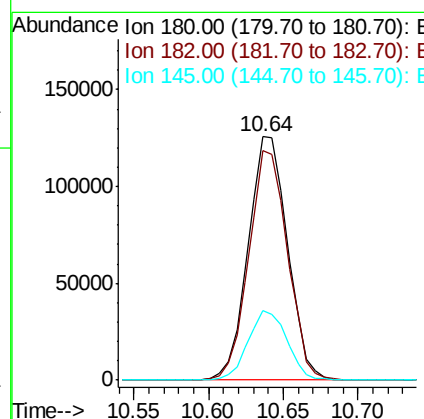
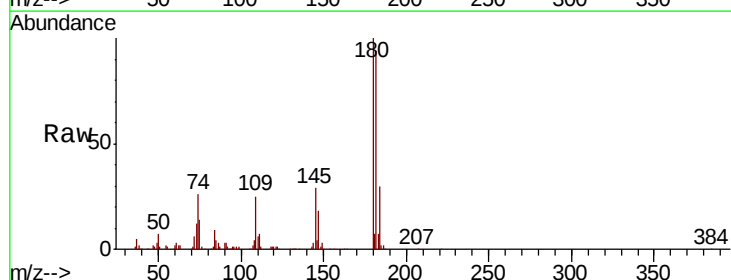
Manual Integrations
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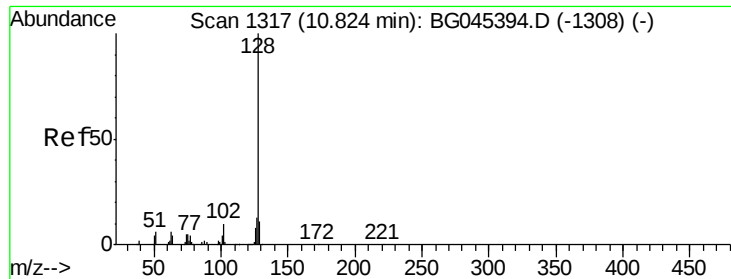
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.063 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.8	112.2
145	28.8	21.9	32.9





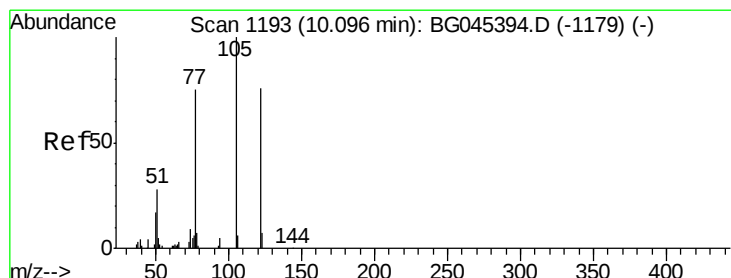
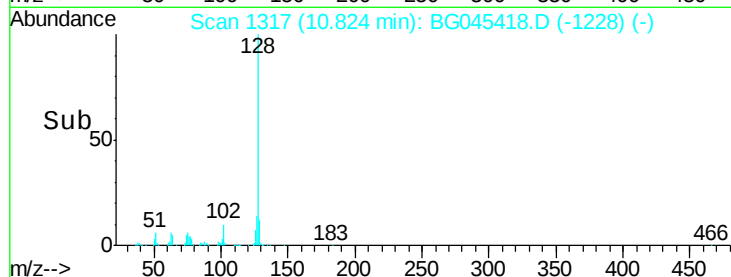
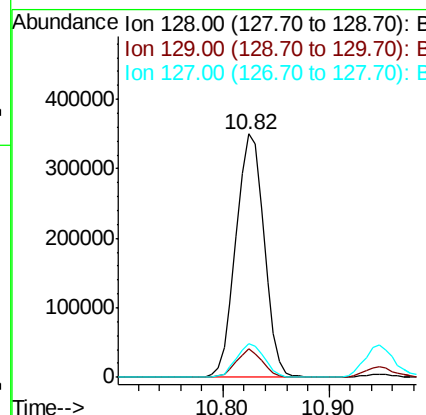
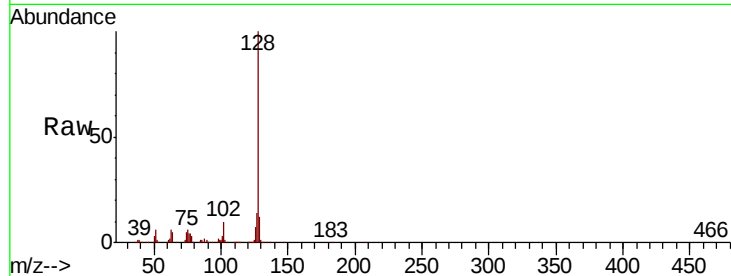
#31
Naphthalene
Concen: 46.497 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.0	13.6	
127	14.0	10.7	16.1	

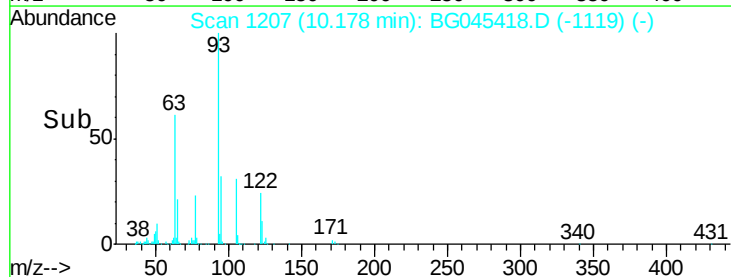
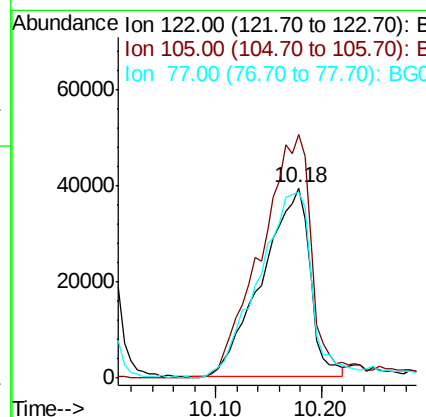
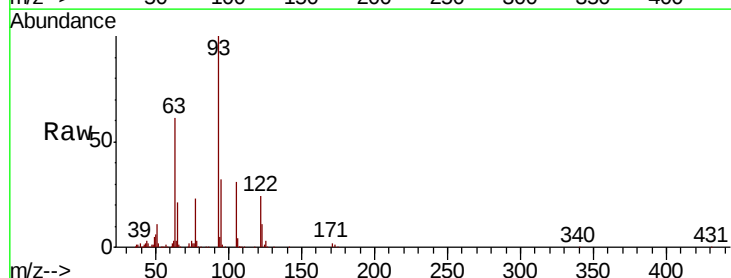
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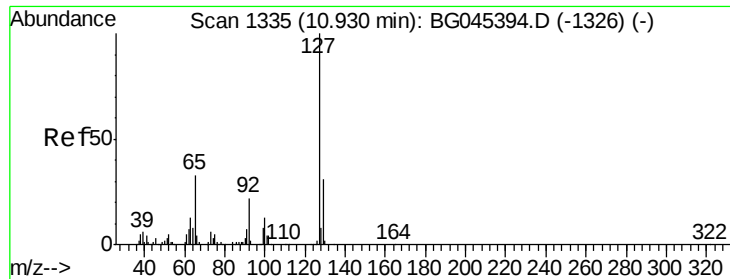
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#32
Benzoic acid
Concen: 48.392 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.2	107.9	147.9	
77	97.8	78.9	118.9	





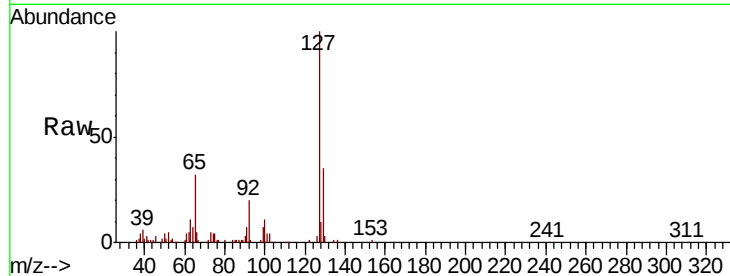
#33
4-Chloroaniline
Concen: 16.549 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.2	24.7	37.1		
65	31.6	26.2	39.2		
92	20.0	17.9	26.9		

Manual Integrations
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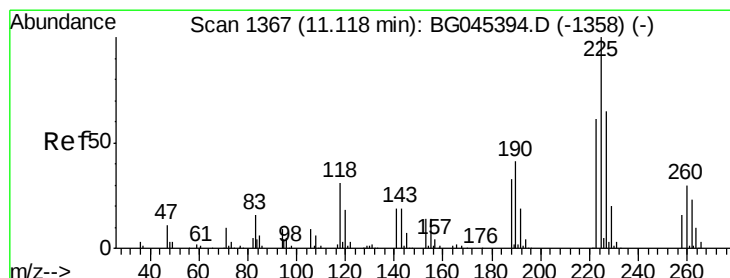
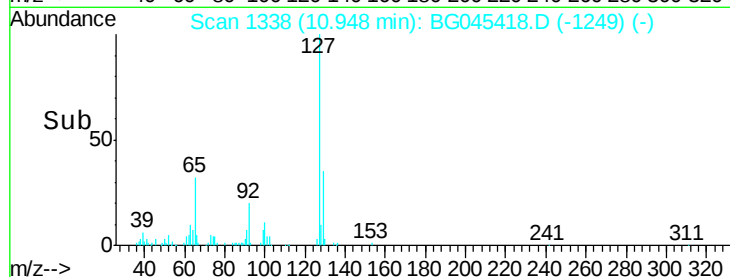
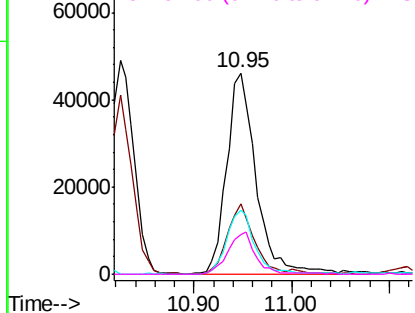
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

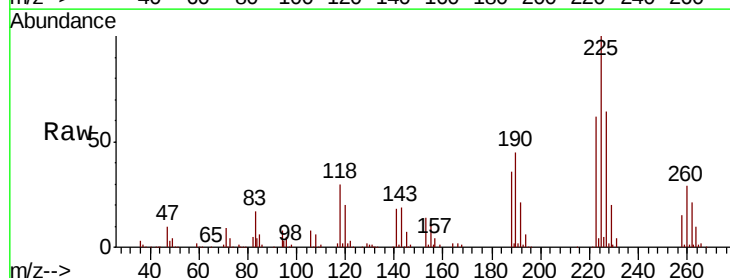
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.957 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.1	73.7		
227	64.3	52.0	78.0		

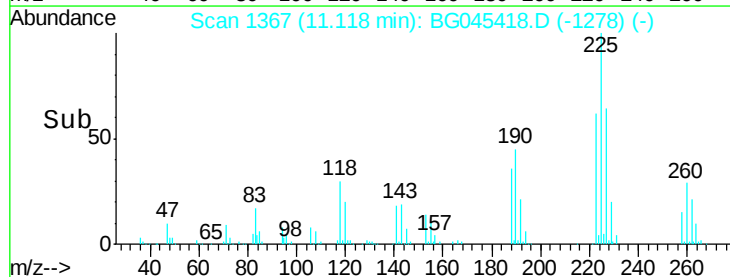
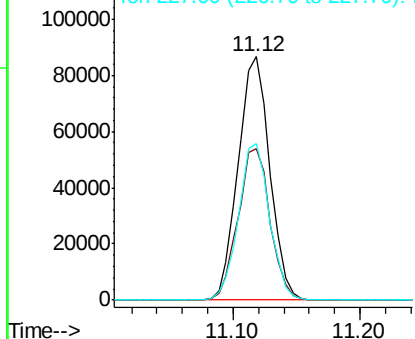


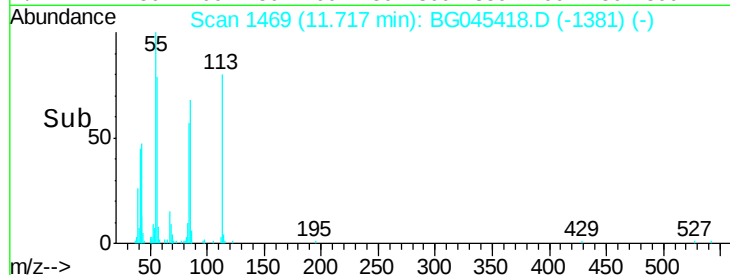
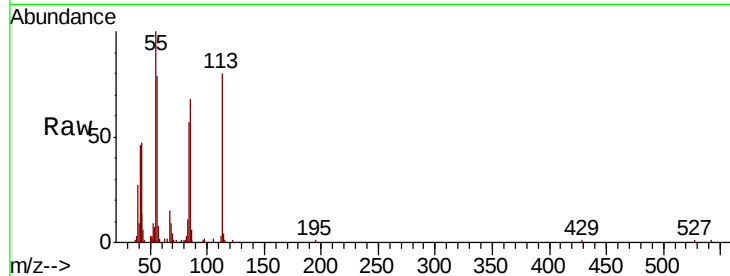
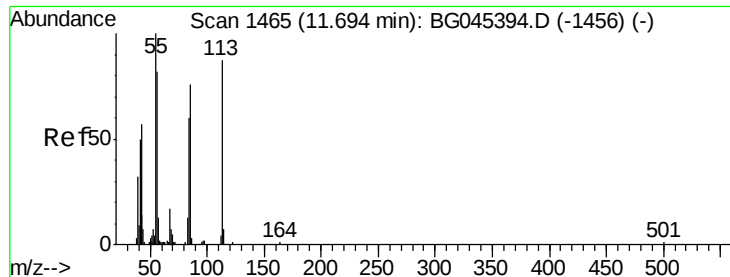
Abundance

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





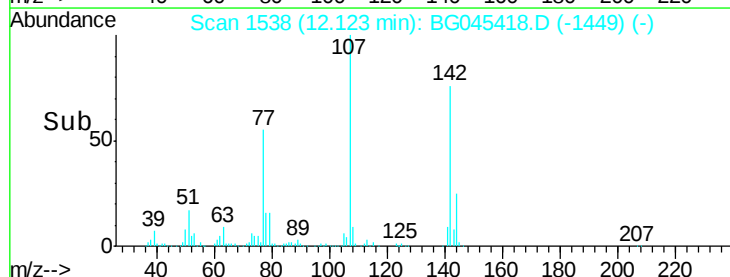
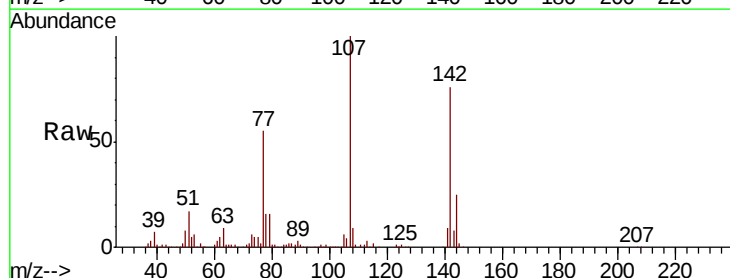
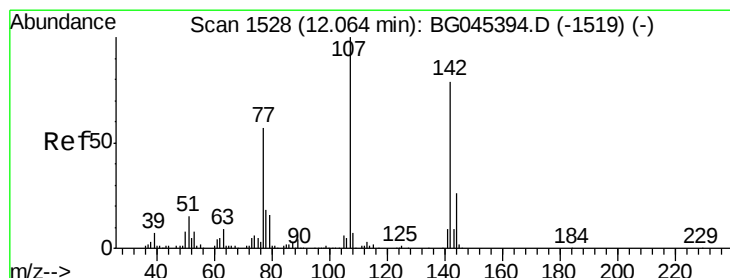
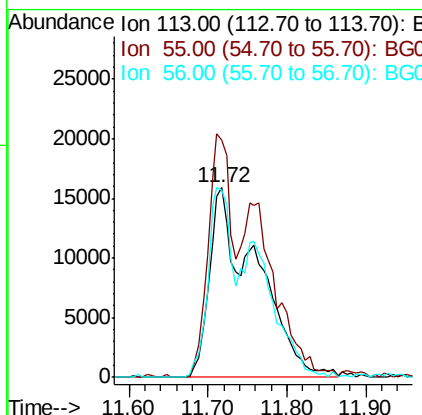
#35
Caprolactam
Concen: 40.687 ng/ml
RT: 11.72 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	65566		
55	125.1		96.0	136.0
56	98.7		75.1	115.1

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

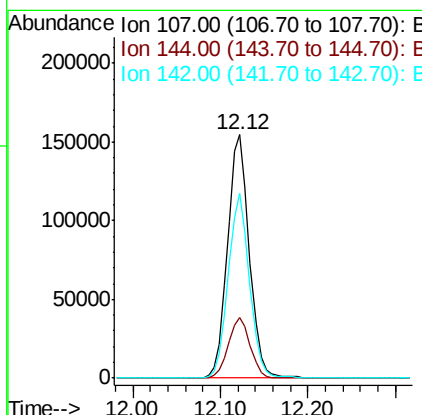
Manual Integrations
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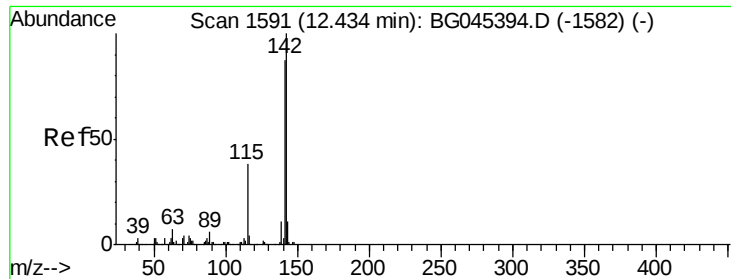
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 53.154 ng
RT: 12.12 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	262961		
144	24.9		20.8	31.2
142	75.6		62.8	94.2





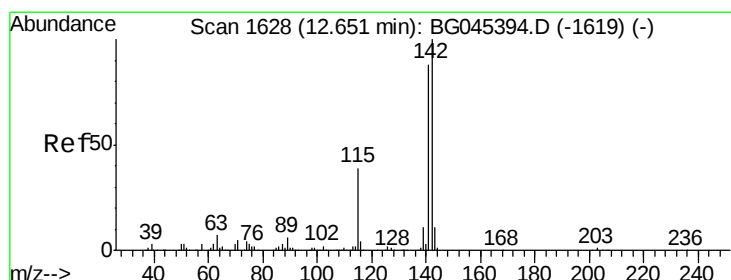
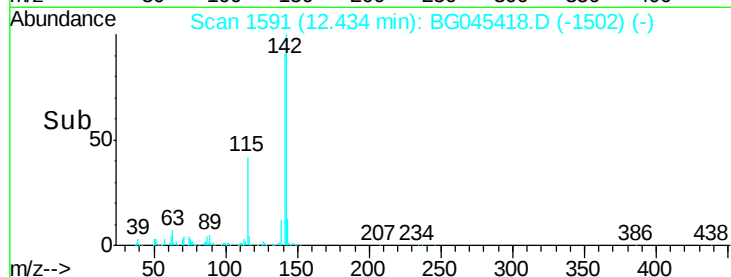
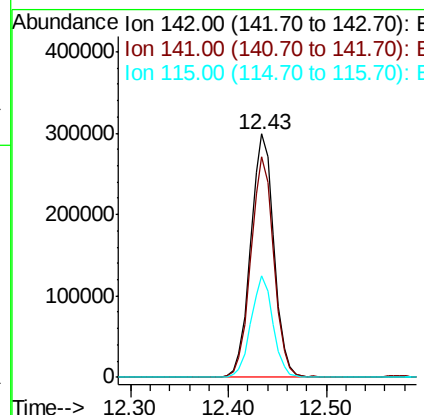
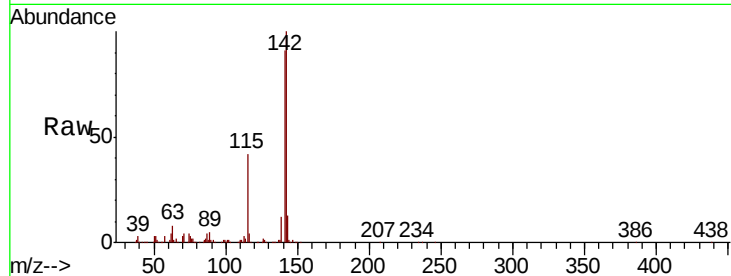
#37
2-Methylnaphthalene
Concen: 48.261 ng
RT: 12.43 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.0	105.0
115	41.9	30.8	46.2

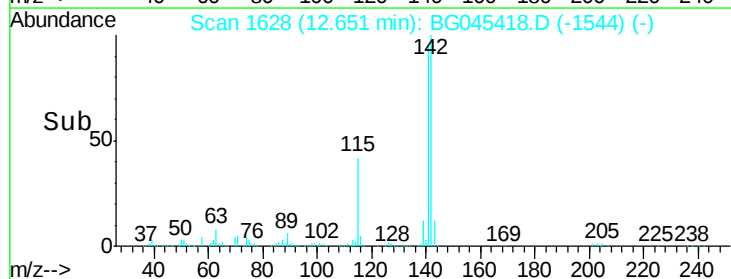
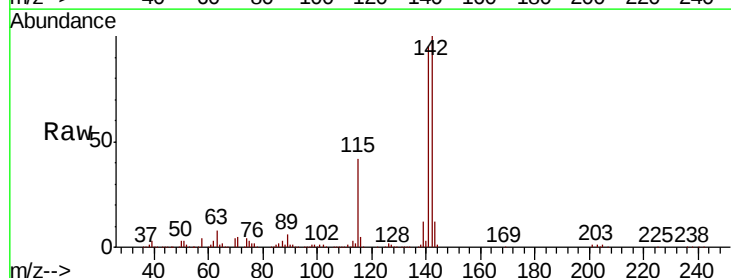
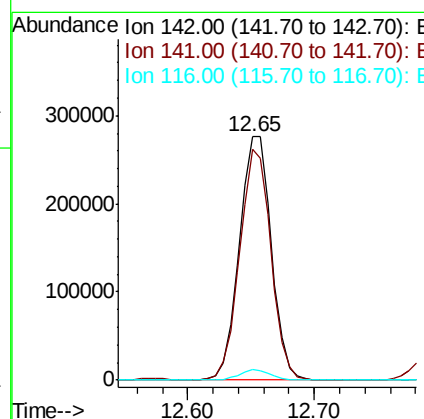
Manual Integrations
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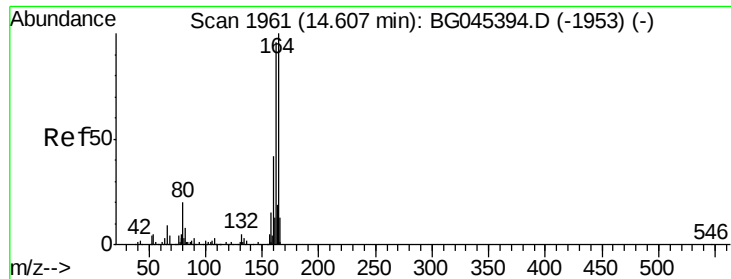
mohammad
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#38
1-Methylnaphthalene
Concen: 49.392 ng m
RT: 12.65 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	70.8	106.2
116	4.6	3.0	4.6#





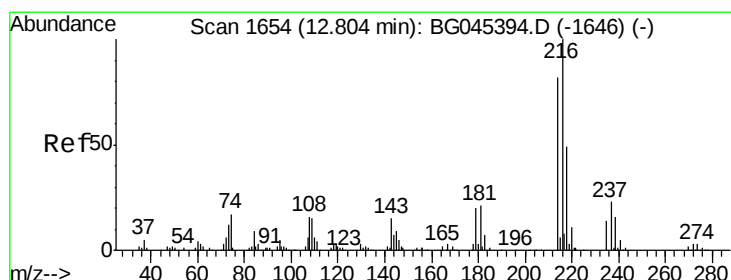
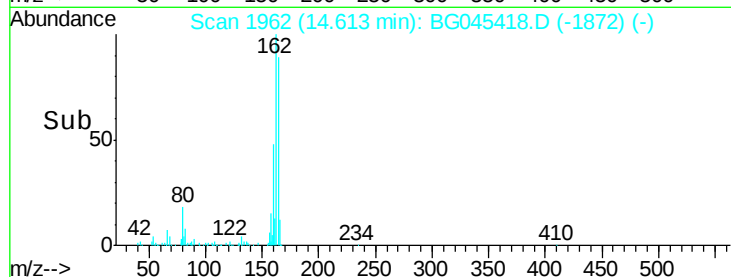
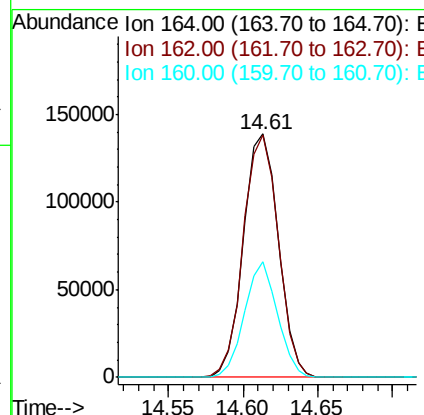
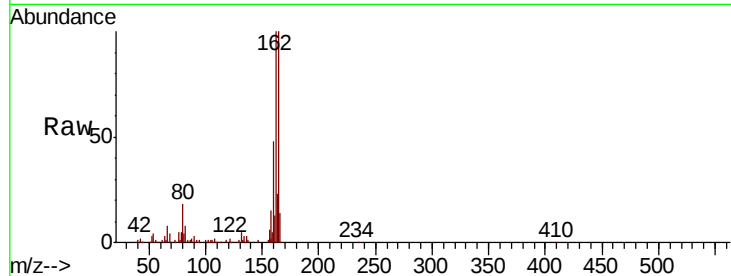
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	76.9	115.3
160	47.7	33.8	50.8

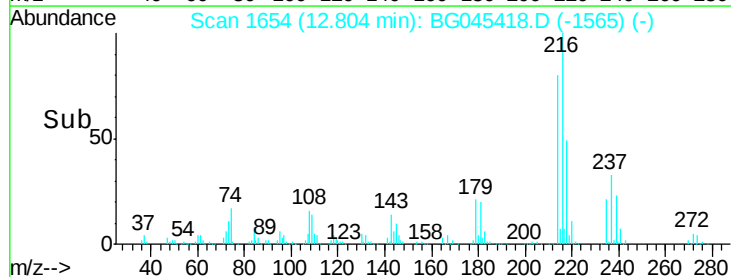
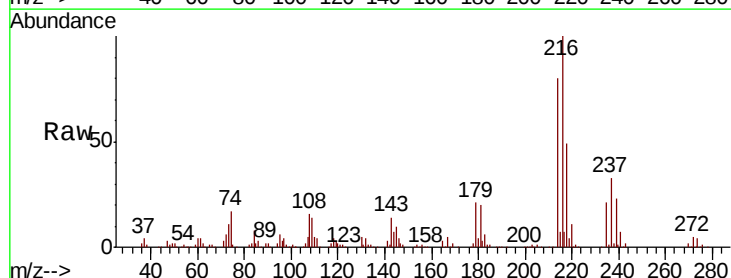
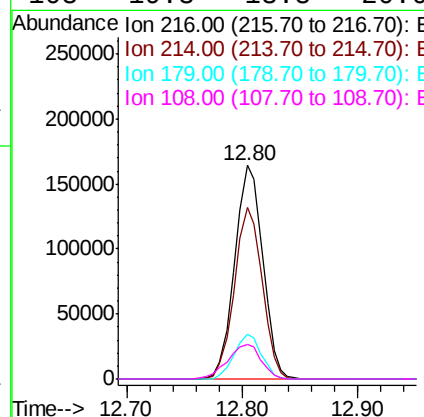
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.902 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	20.2	16.1	24.1
108	19.3	13.8	20.6





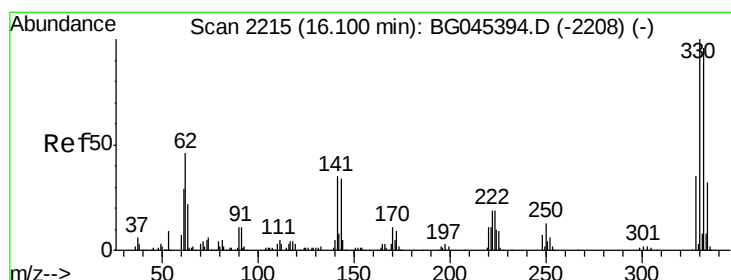
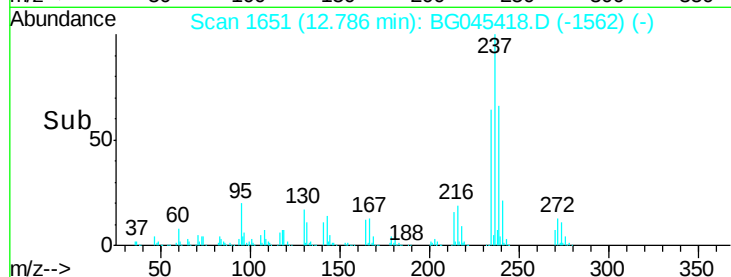
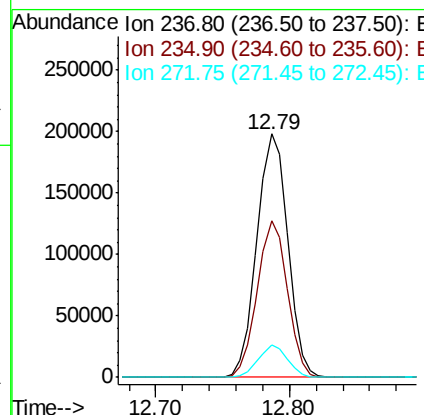
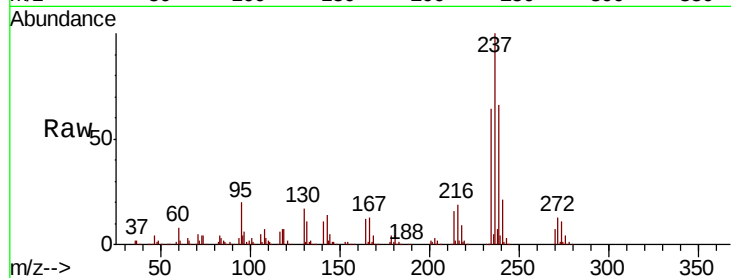
#41
Hexachlorocyclopentadiene
Concen: 86.585 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.4	84.4
272	13.2	0.0	32.5

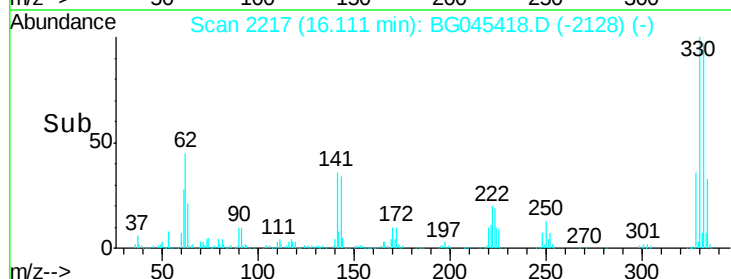
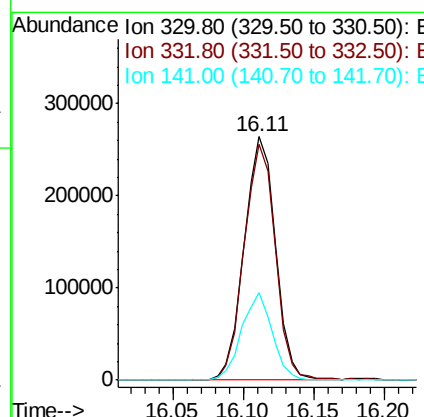
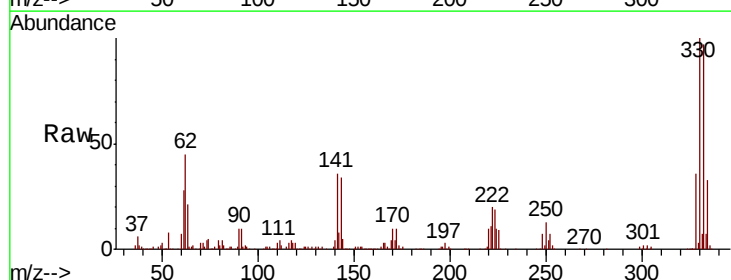
Manual Integrations
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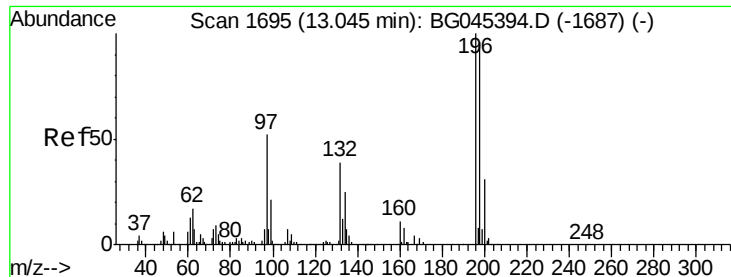
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#42
2,4,6-Tribromophenol
Concen: 142.417 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	78.2	117.4
141	35.1	28.2	42.4





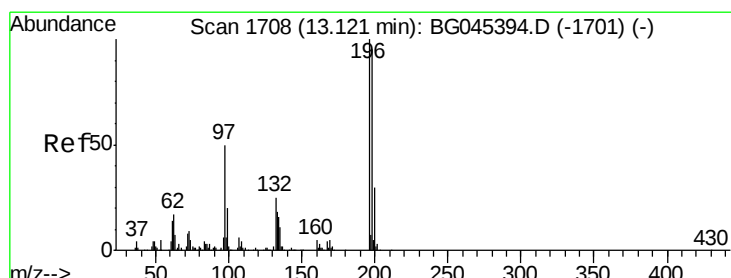
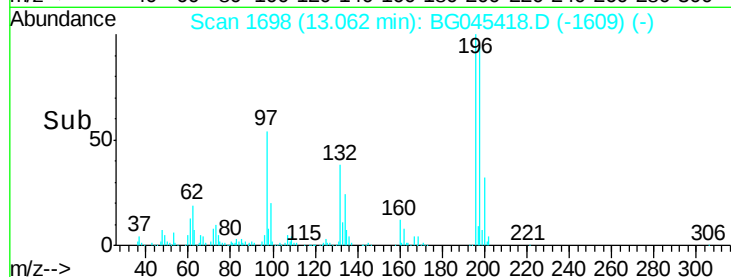
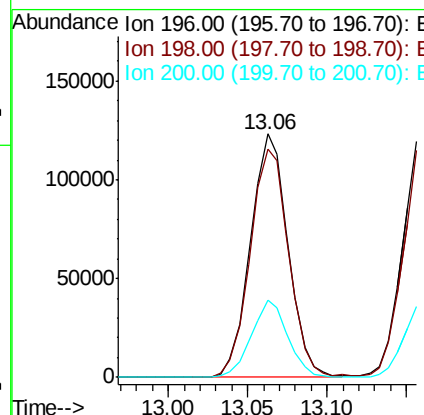
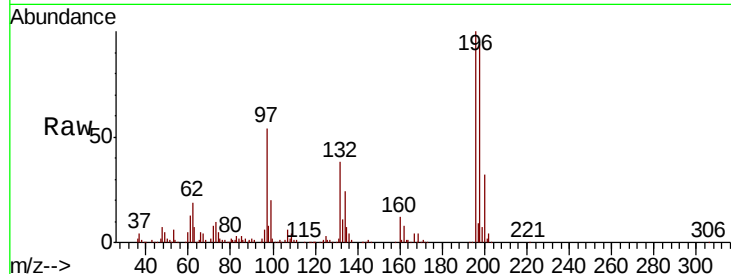
#43
2,4,6-Trichlorophenol
Concen: 46.200 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202483		
198	94.0	76.7	115.1	
200	31.8	24.9	37.3	

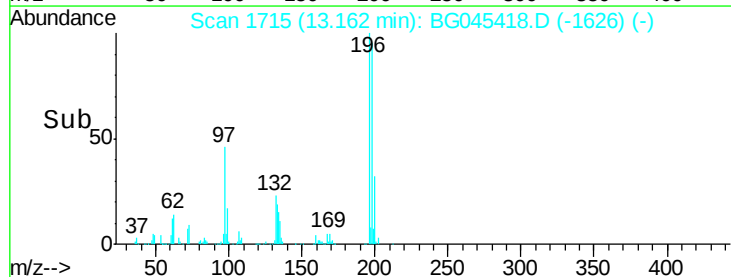
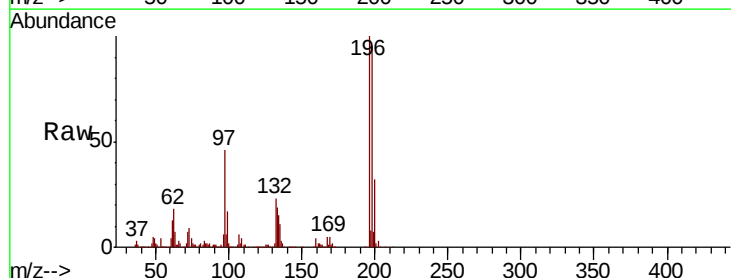
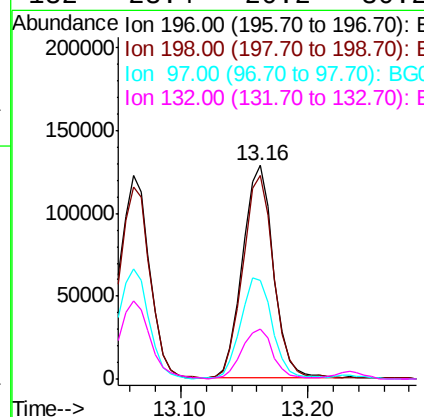
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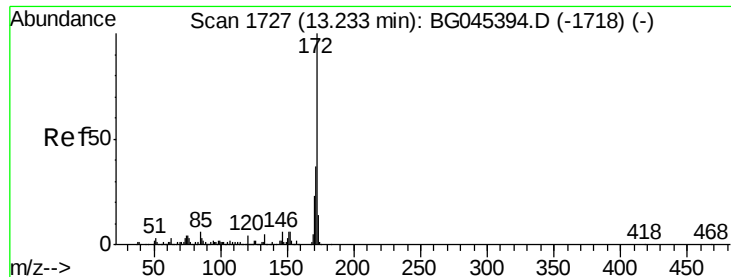
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 43.234 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216531		
198	95.1	76.1	114.1	
97	46.2	40.0	60.0	
132	23.4	20.2	30.2	





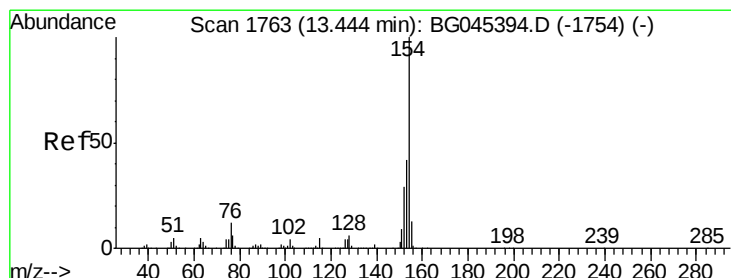
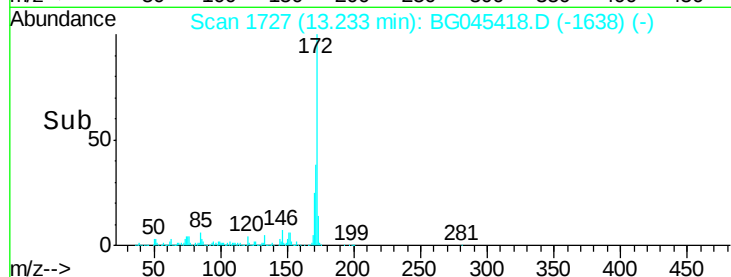
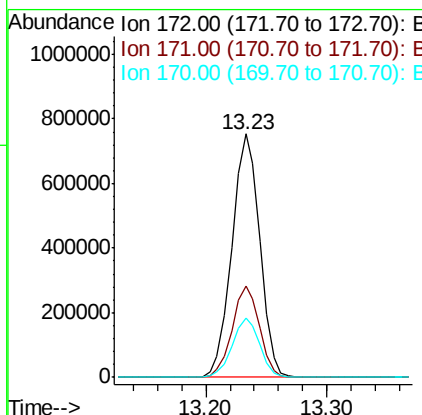
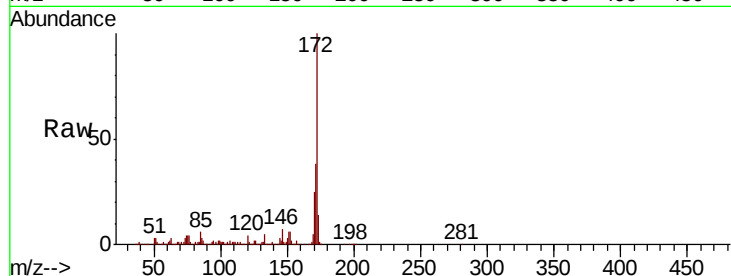
#45
2-Fluorobiphenyl
Concen: 90.787 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	24.5	18.5	27.7

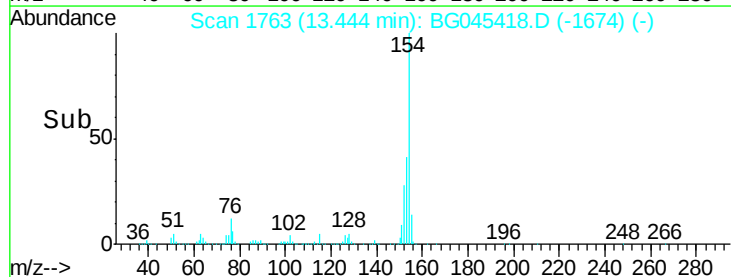
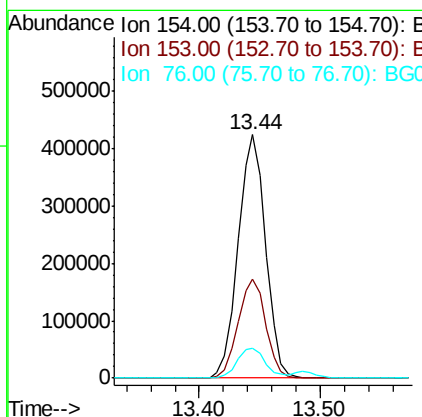
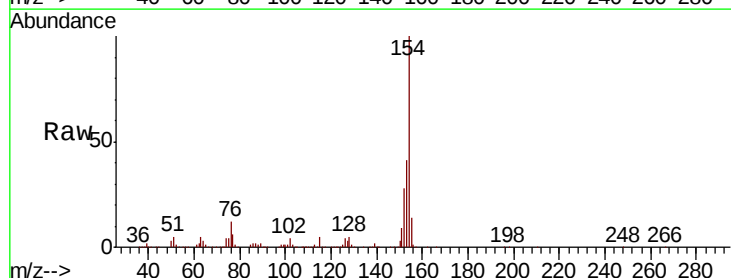
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#46
1,1'-Biphenyl
Concen: 48.372 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.2	62.2
76	12.1	0.0	32.4





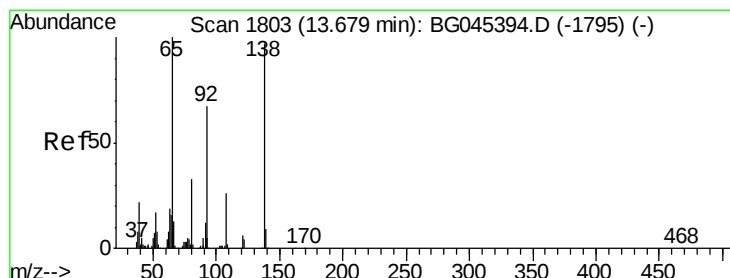
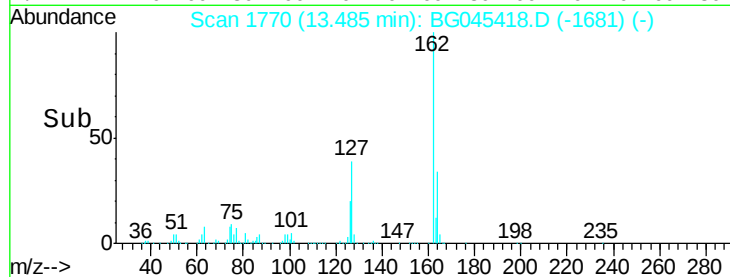
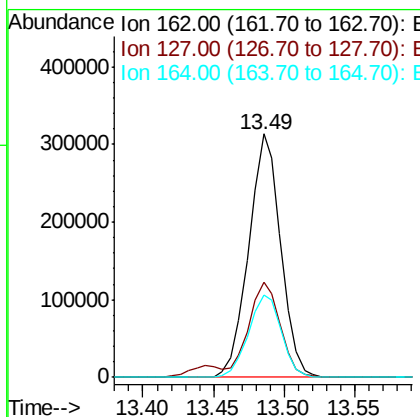
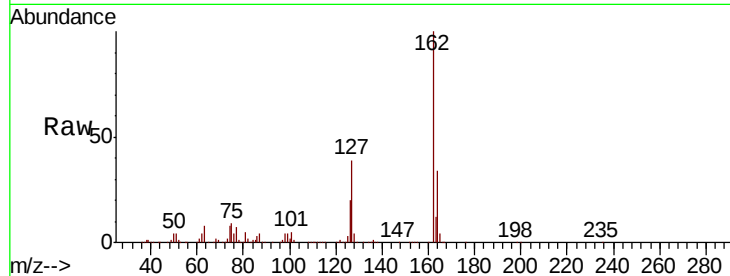
#47
2-Chloronaphthalene
Concen: 44.305 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	34.0	28.1	42.1

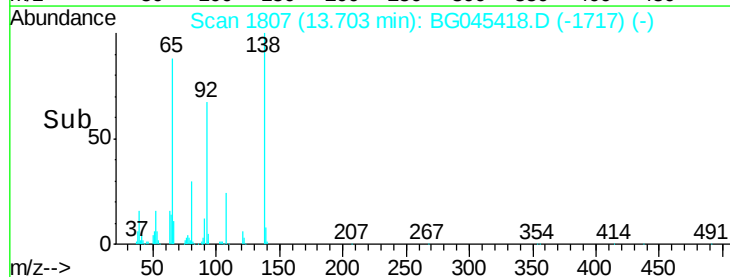
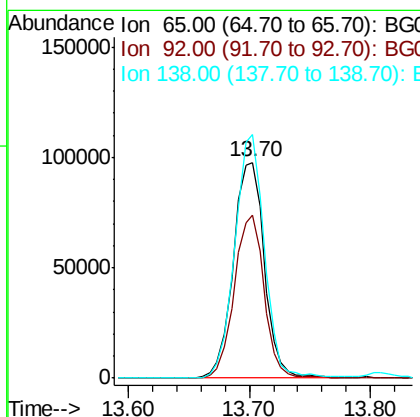
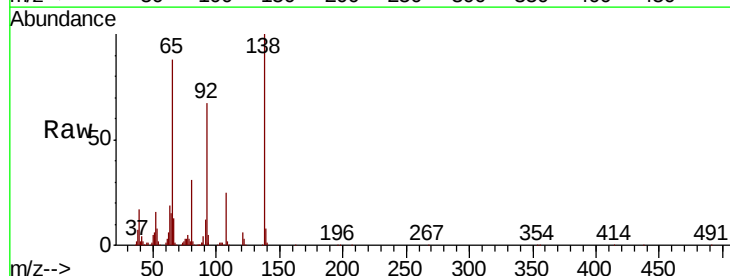
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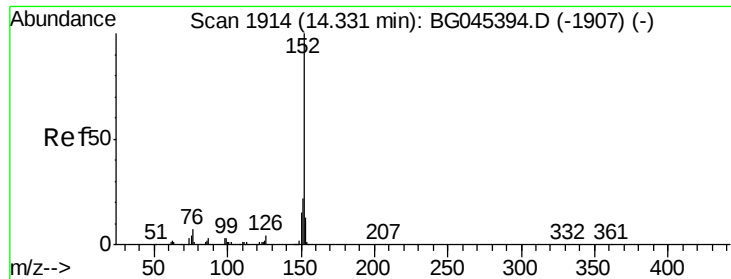
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#48
2-Nitroaniline
Concen: 47.389 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.8	80.8
138	113.0	77.9	116.9





#49

Acenaphthylene

Concen: 47.338 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

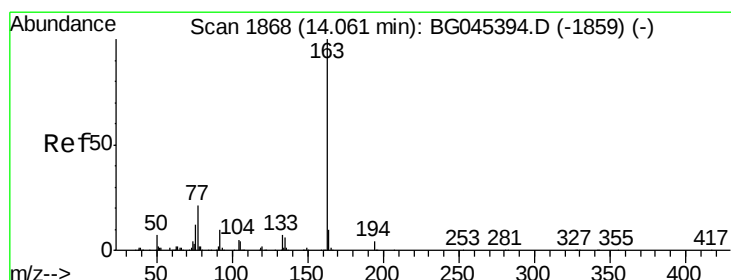
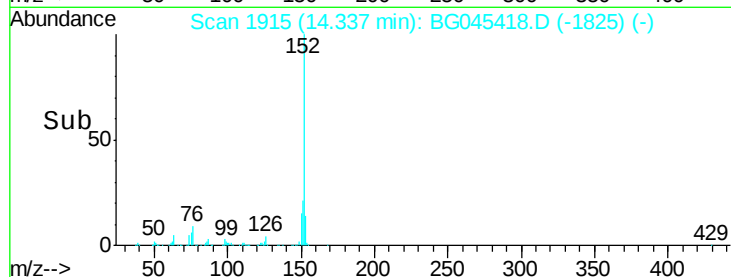
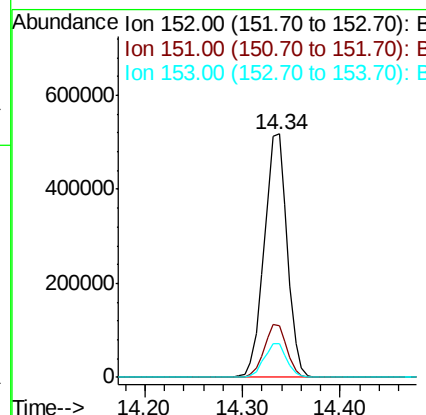
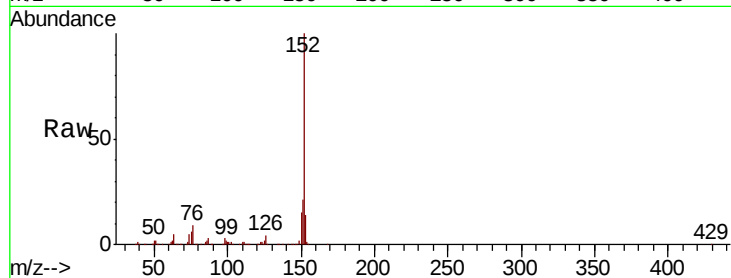
ClientSampleId :

OR-02-051420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		856968		
151	21.2	17.4	26.2		
153	14.0	10.7	16.1		

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#50

Dimethylphthalate

Concen: 52.250 ng

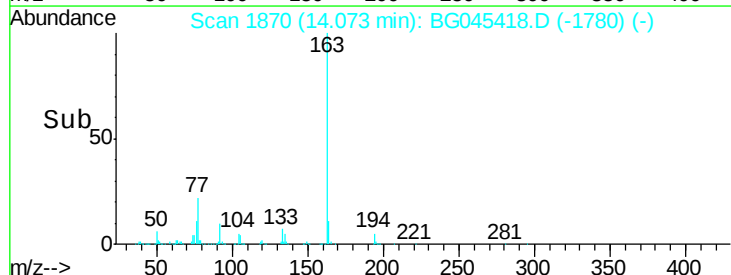
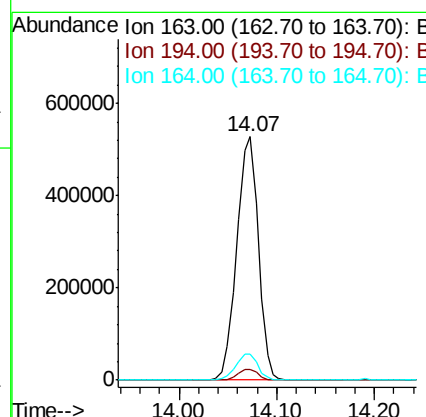
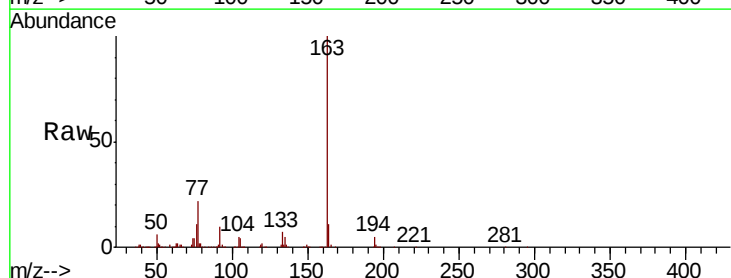
RT: 14.07 min Scan# 1870

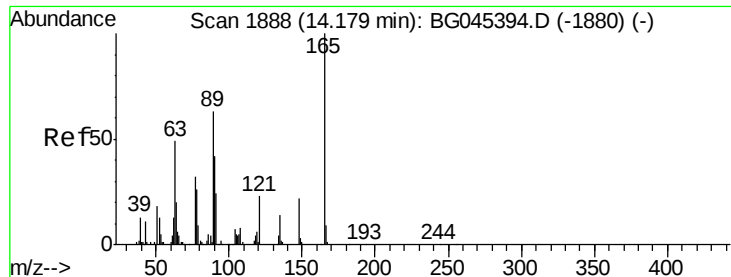
Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		809617		
194	4.5	3.2	4.8		
164	10.9	8.3	12.5		





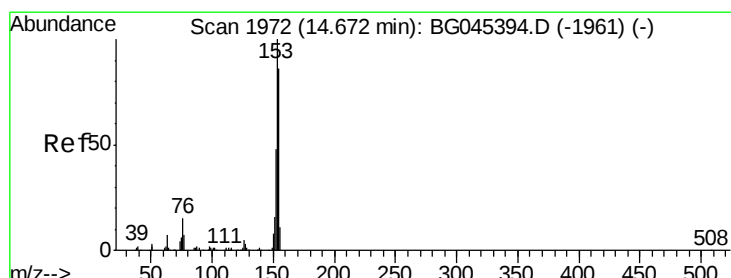
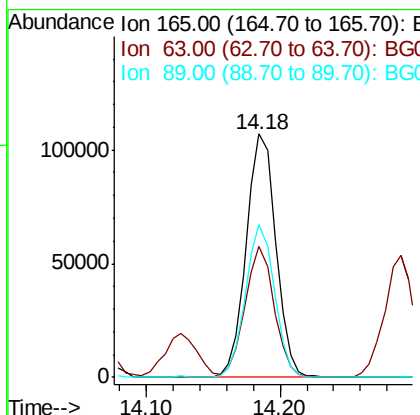
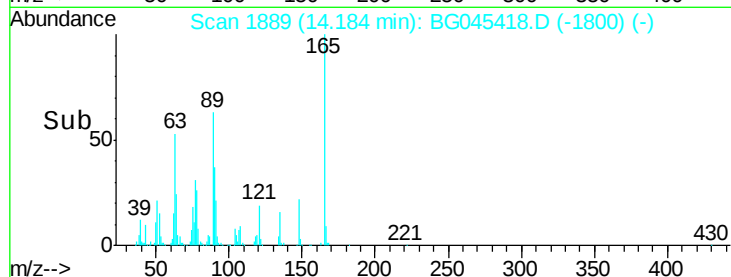
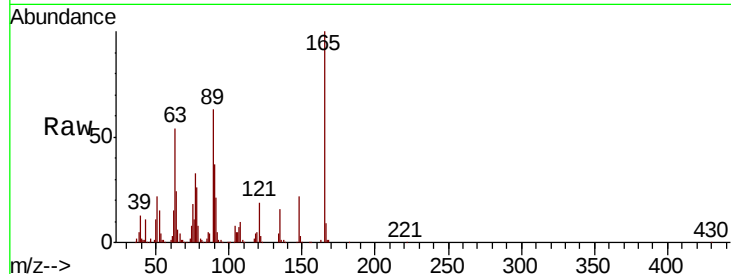
#51
 2,6-Dinitrotoluene
 Concen: 46.781 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163568		
63	53.5	45.0	67.4	
89	63.0	50.2	75.4	

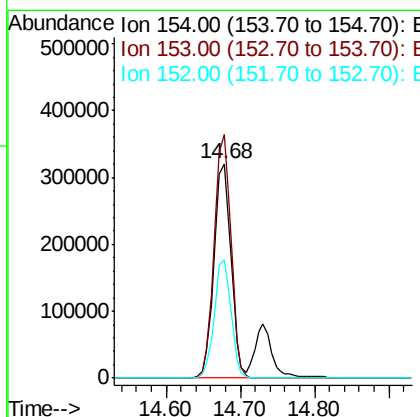
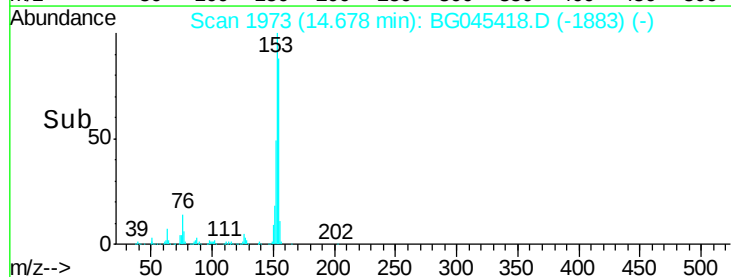
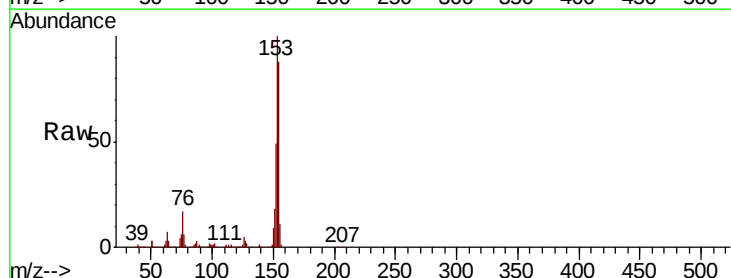
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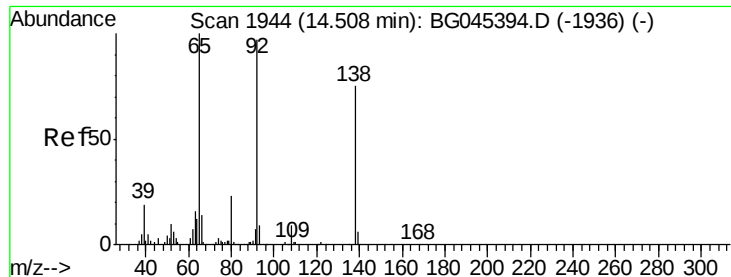
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#52
 Acenaphthene
 Concen: 53.404 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	647147		
153	113.3	92.8	139.2	
152	55.2	44.6	66.8	





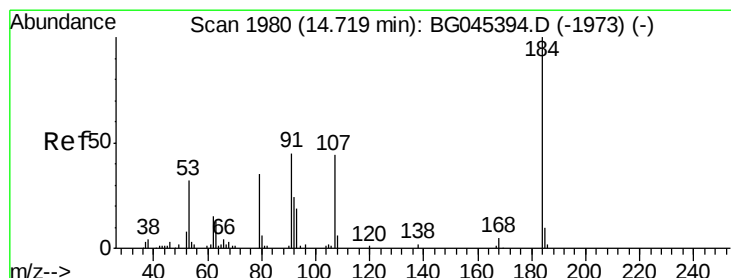
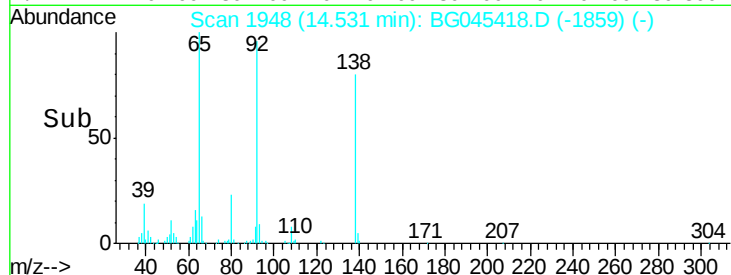
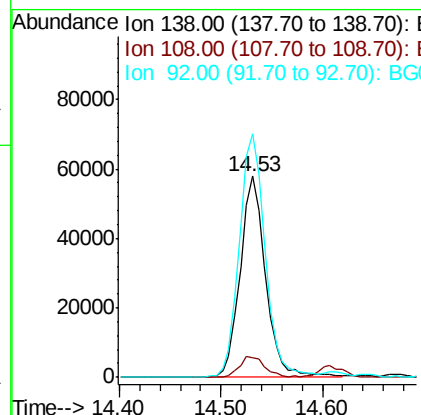
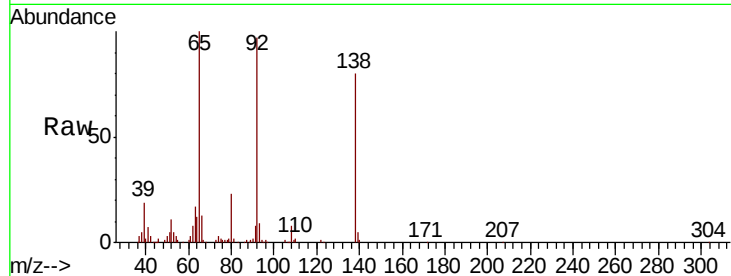
#53
 3-Nitroaniline
 Concen: 28.501 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.8	14.6
92	121.0	103.0	154.4

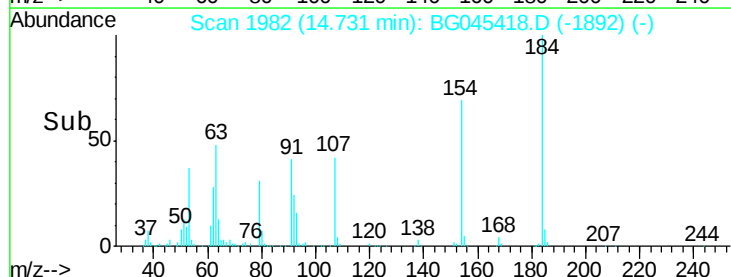
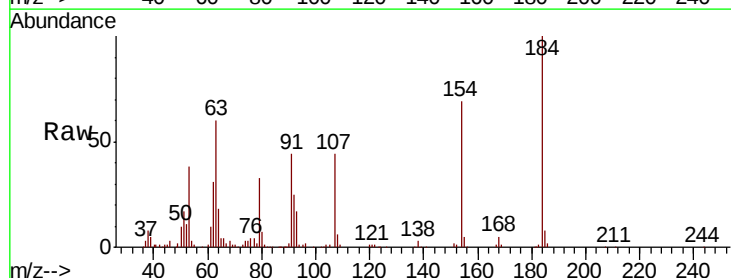
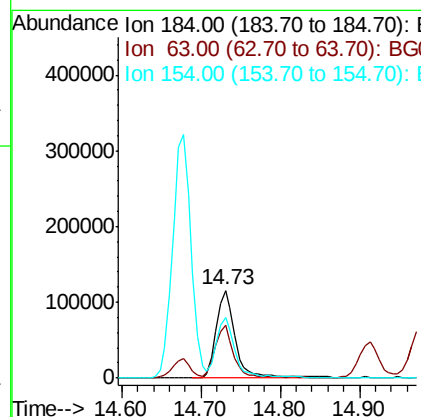
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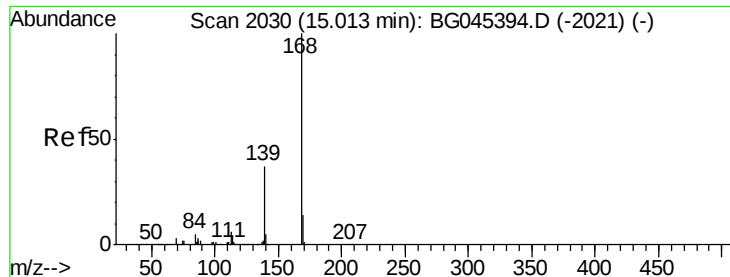
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#54
 2,4-Dinitrophenol
 Concen: 85.671 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	47.8	71.6
154	69.0	58.3	87.5





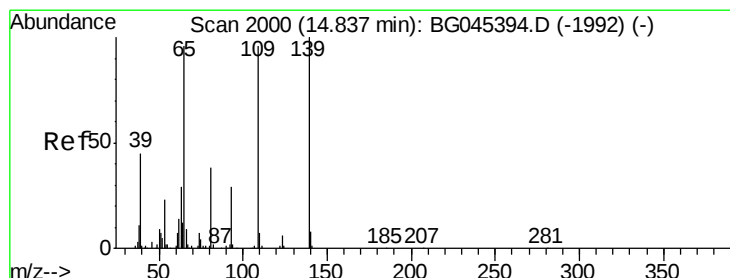
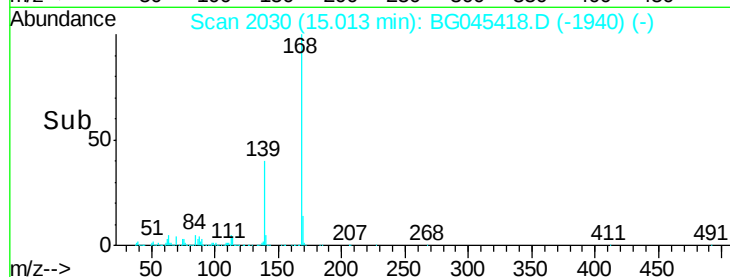
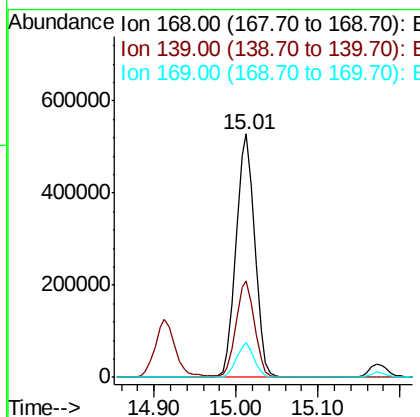
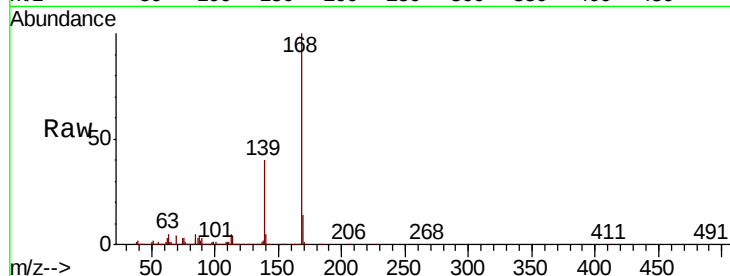
#55
Dibenzenofuran
Concen: 46.689 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.7	29.9	44.9	
169	14.3	10.9	16.3	

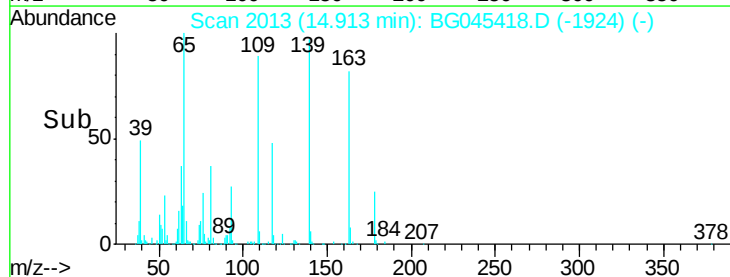
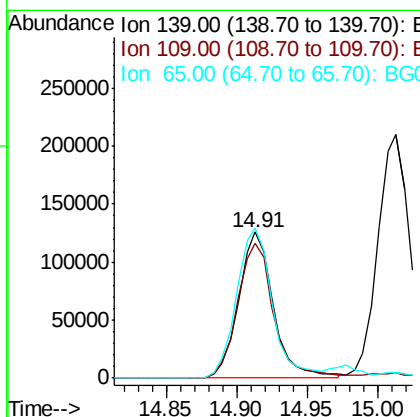
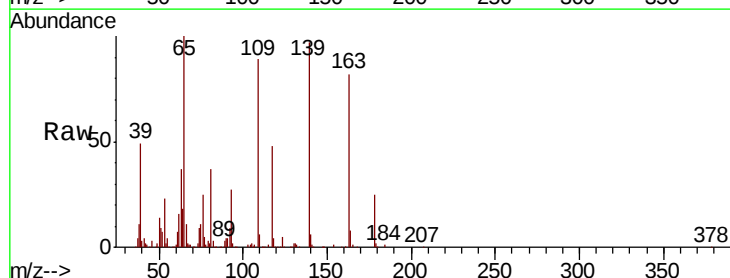
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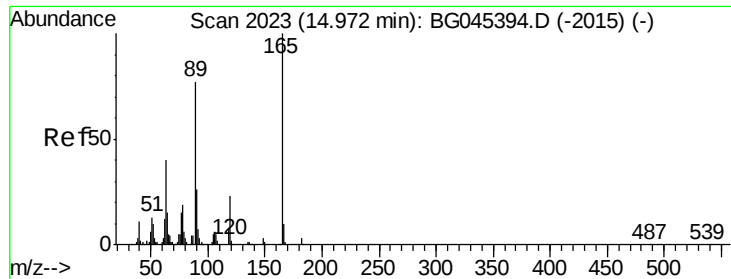
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#56
4-Nitrophenol
Concen: 80.322 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	92.5	75.6	115.6	
65	103.4	76.8	116.8	





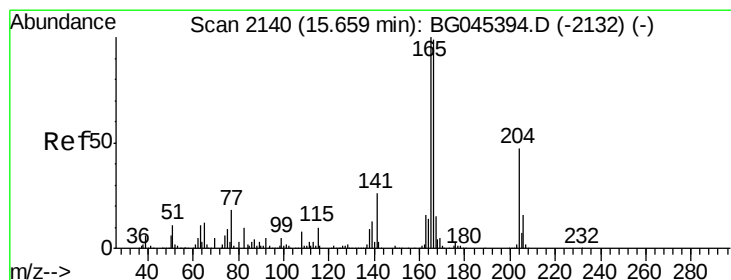
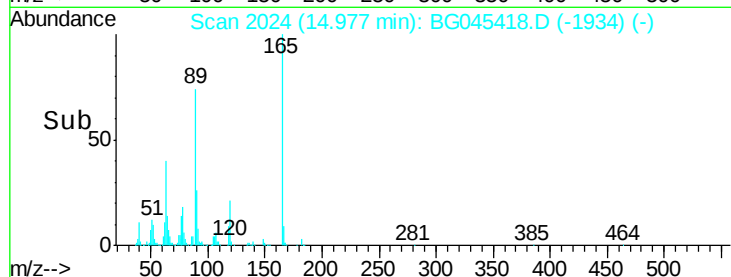
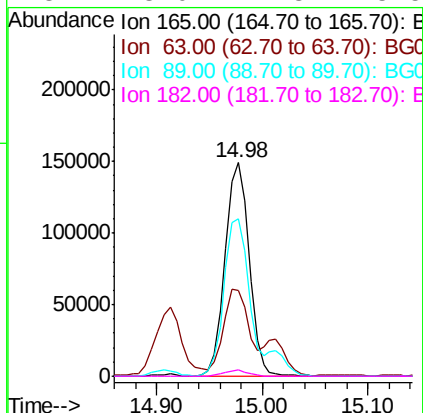
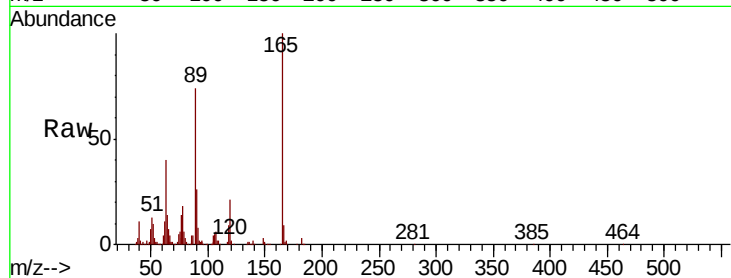
#57
2,4-Dinitrotoluene
Concen: 46.782 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.1	32.5	48.7
89	73.7	61.8	92.6
182	3.0	2.3	3.5

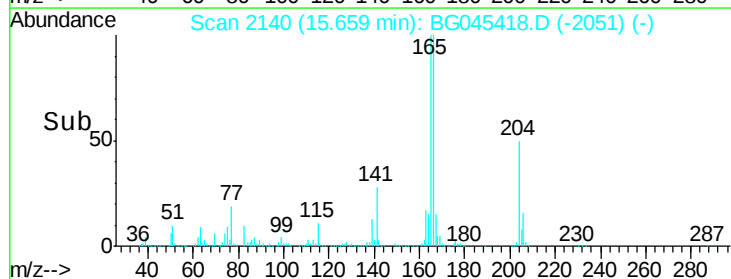
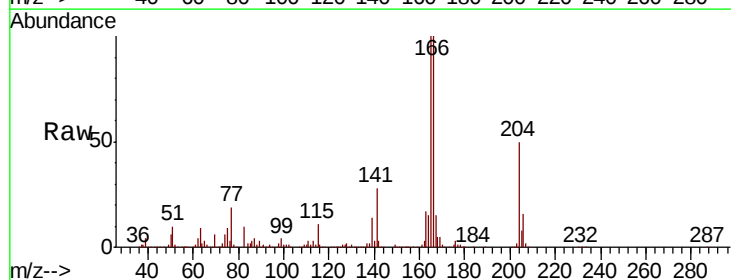
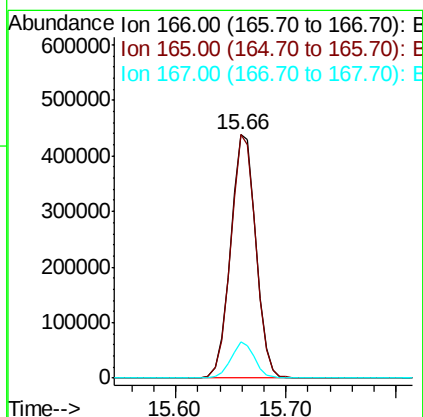
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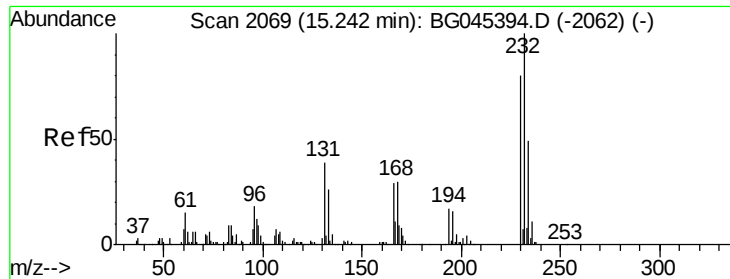
mohammad
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#58
Fluorene
Concen: 47.567 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	14.8	12.0	18.0





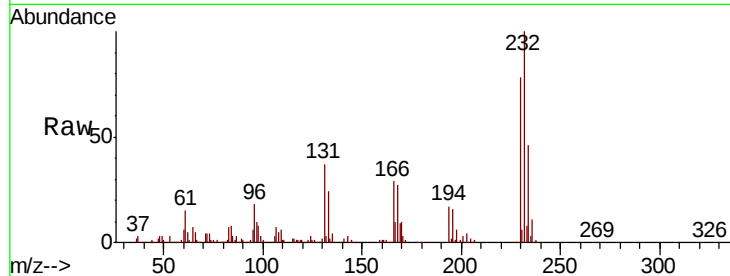
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.425 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	208966		
131	40.0		33.7	50.5
130	2.6		2.1	3.1
166	28.0		23.2	34.8

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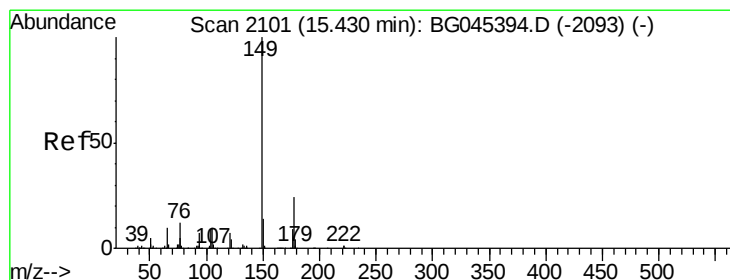
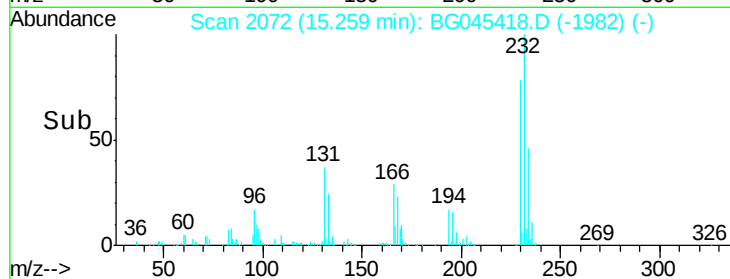
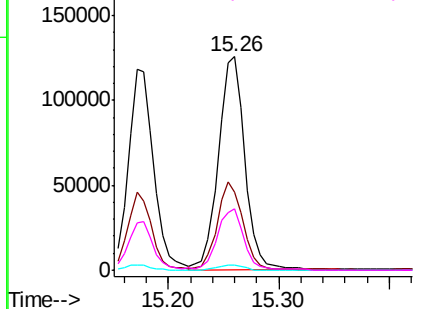
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

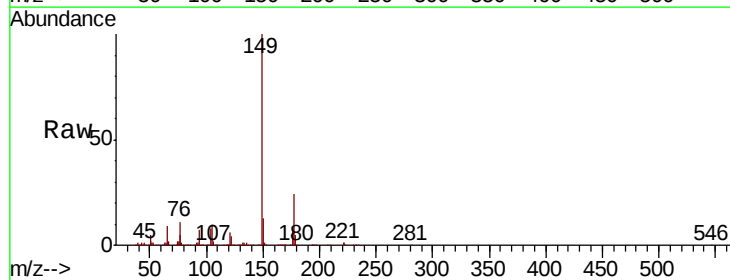
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.736 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753753		
177	23.5		19.0	28.4
150	13.3		11.4	17.0

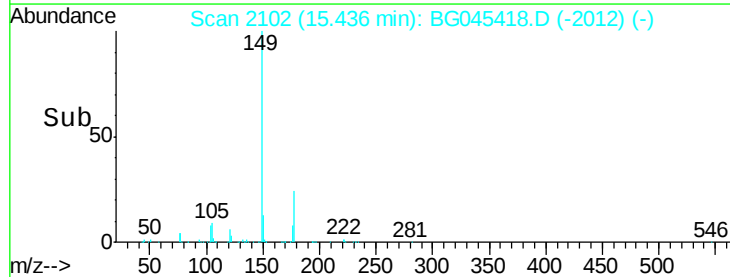
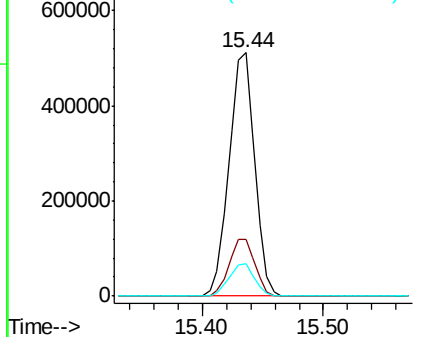


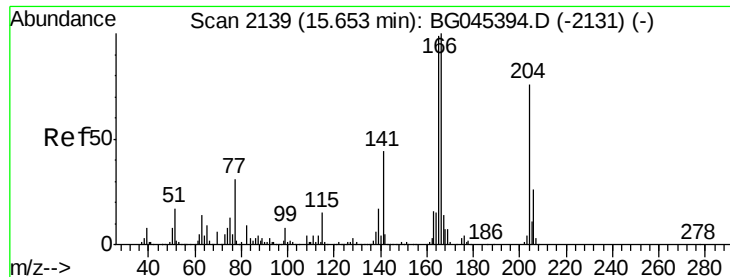
Abundance

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





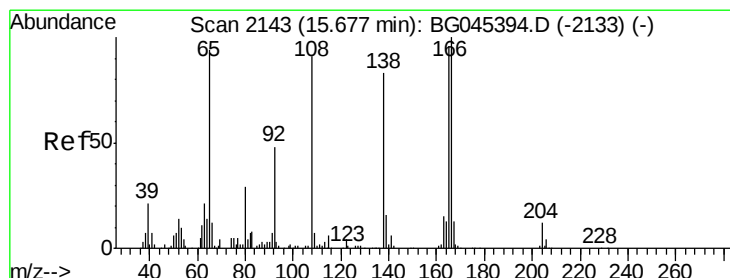
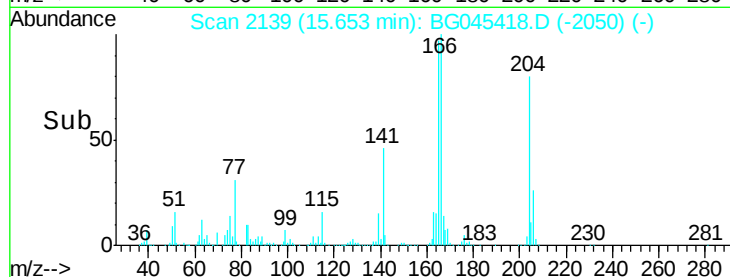
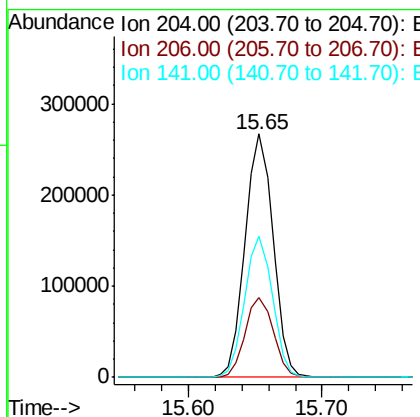
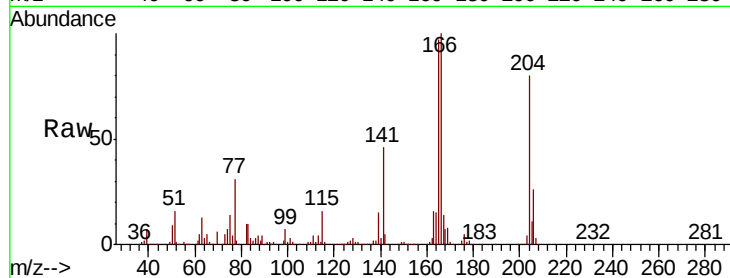
#61
4-Chlorophenyl-phenylether
Concen: 45.723 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion:	204	Resp:	386821
Ion Ratio	Lower	Upper	
204	100		
206	32.6	27.3	40.9
141	58.3	45.9	68.9

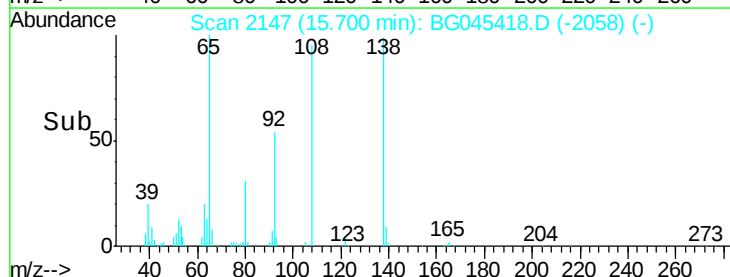
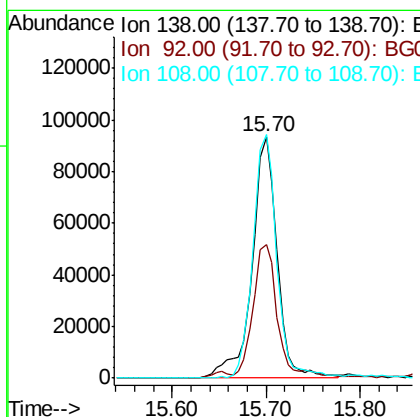
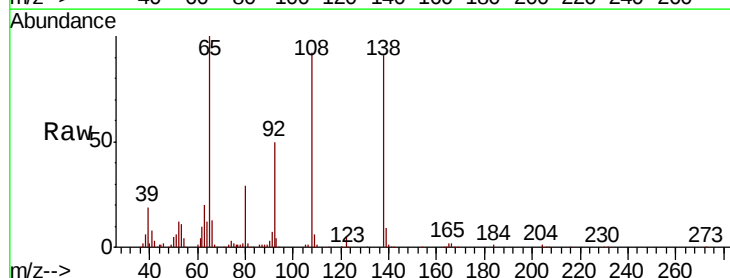
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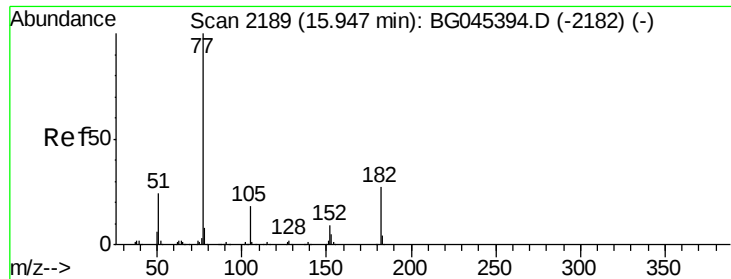
mohammad
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#62
4-Nitroaniline
Concen: 46.686 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:	138	Resp:	173233
Ion Ratio	Lower	Upper	
138	100		
92	55.2	38.0	78.0
108	100.7	89.3	129.3





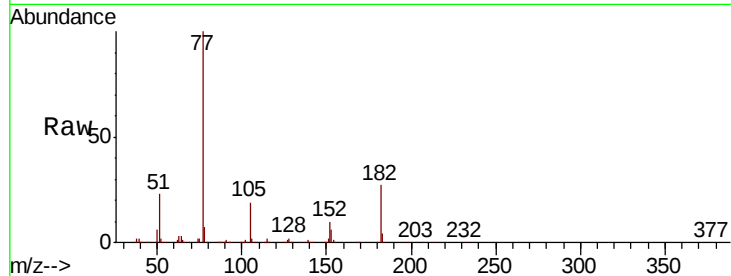
#63
Azobenzene
Concen: 47.202 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

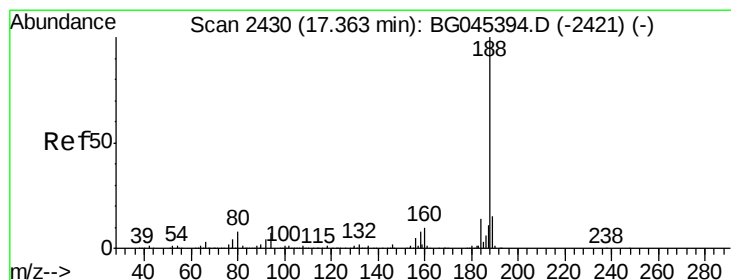
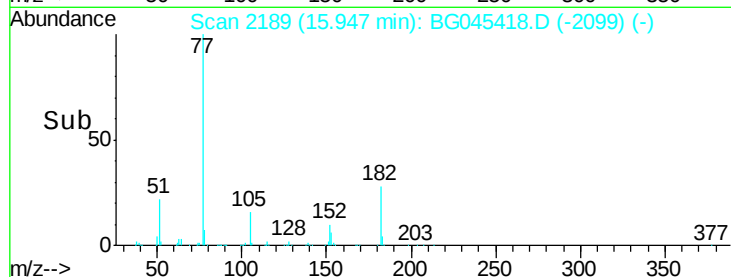
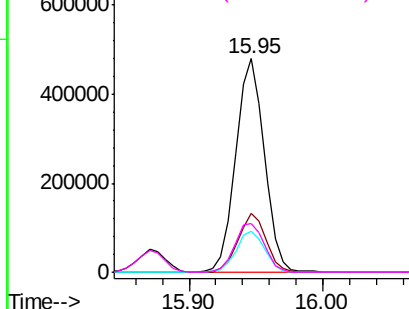
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		709850		
182	27.4	6.5	46.5		
105	19.3	0.0	37.9		
51	23.0	4.1	44.1		

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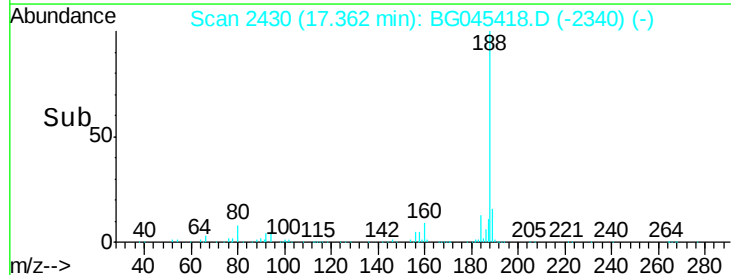
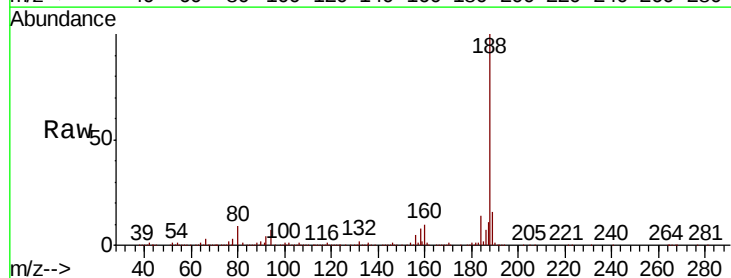
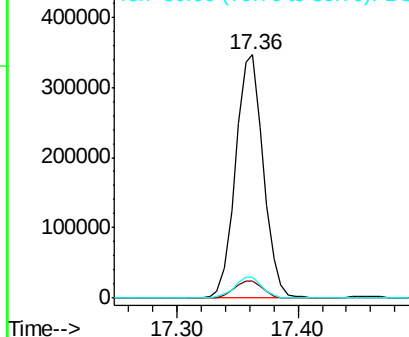
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

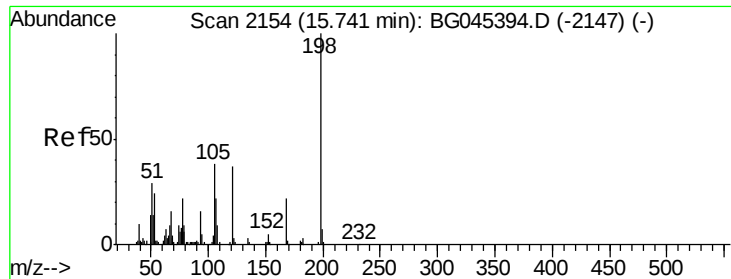


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		554072		
94	6.8	5.5	8.3		
80	8.7	6.6	10.0		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.301 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MS

Tot Ion:198 Resp: 146182

Ion Ratio Lower Upper

198 100

51 33.6 10.0 50.0

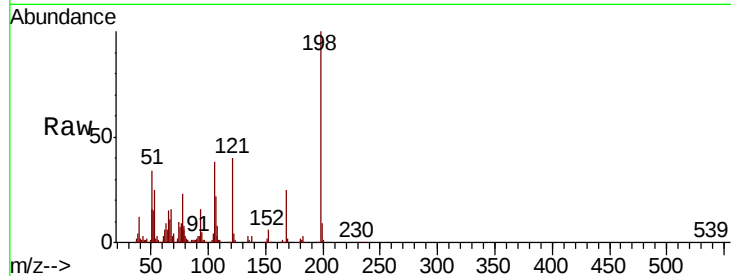
105 38.2 18.9 58.9

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045394.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

20000

0

15.75

15.76

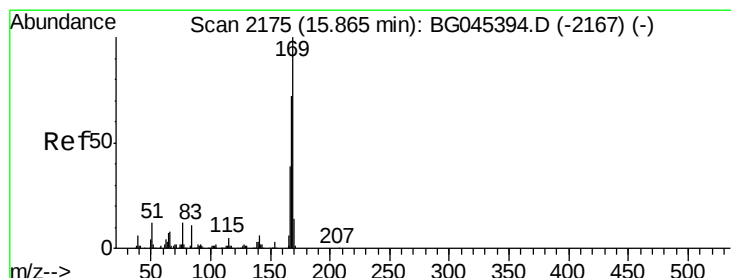
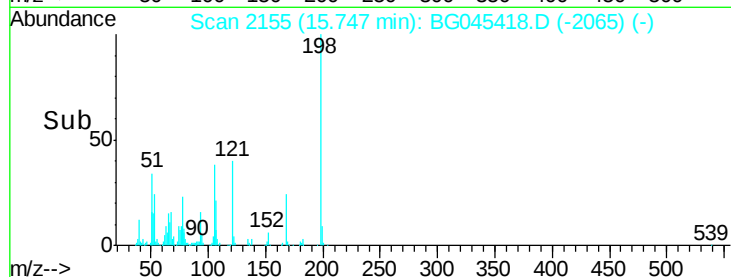
15.77

15.78

15.79

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 47.782 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

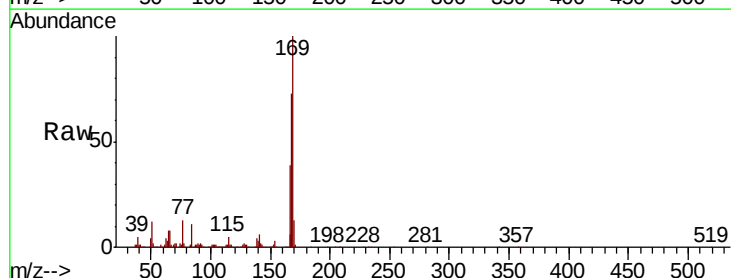
Tgt Ion:169 Resp: 635654

Ion Ratio Lower Upper

169 100

168 72.8 57.8 86.6

167 39.3 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

500000

400000

300000

200000

100000

0

15.87

15.88

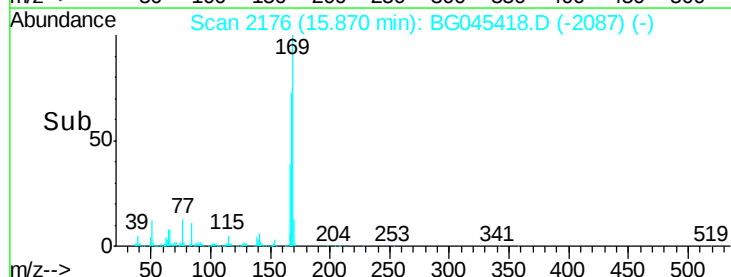
15.89

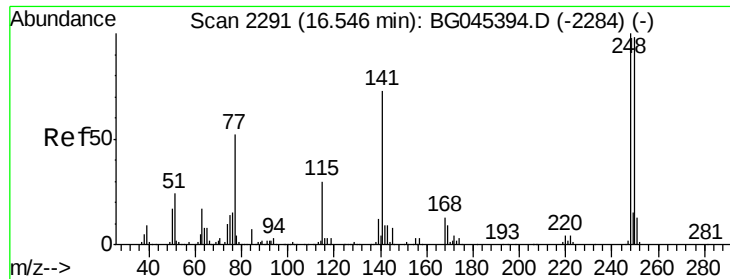
15.90

15.91

15.92

Time-->





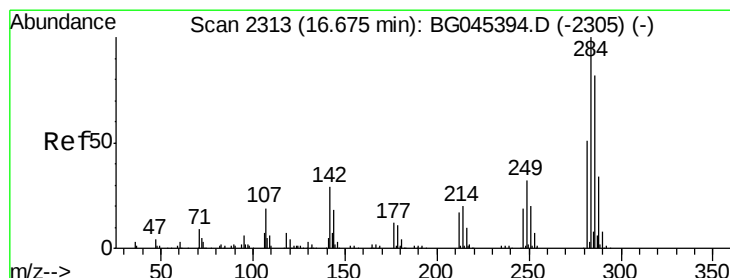
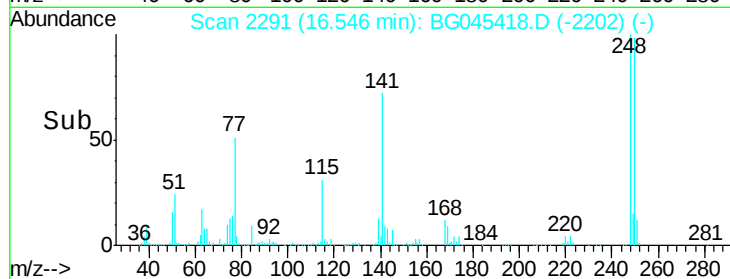
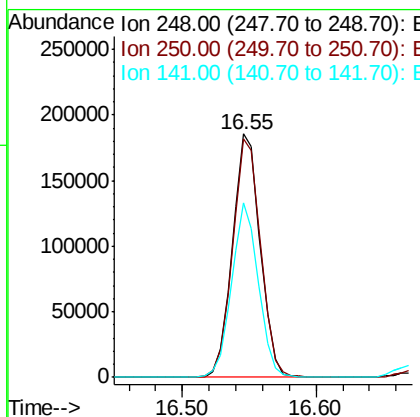
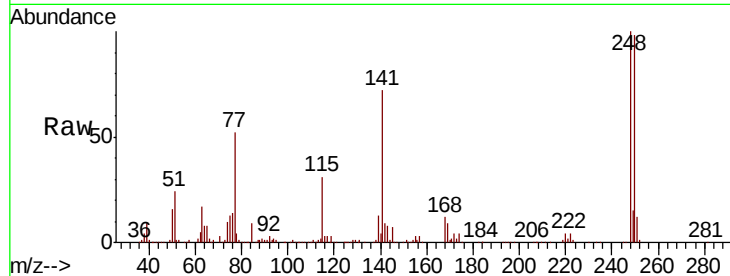
#67
4-Bromophenyl-phenylether
Concen: 44.665 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	71.7	58.2	87.2

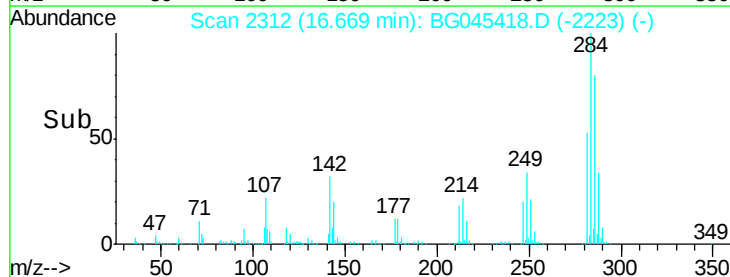
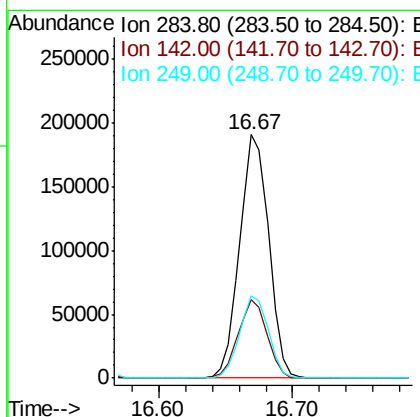
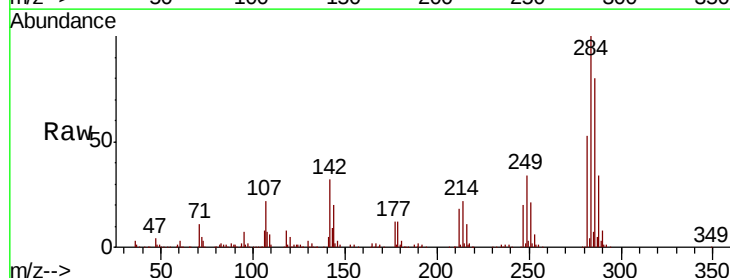
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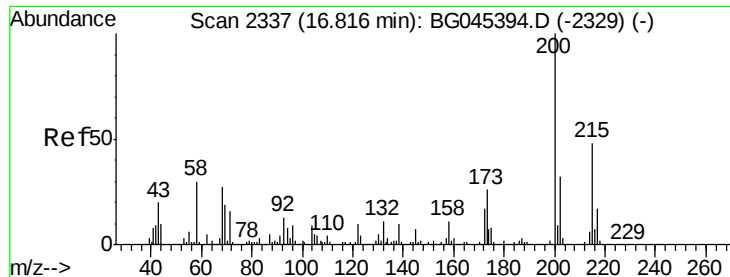
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#68
Hexachlorobenzene
Concen: 45.757 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.0	34.6
249	34.0	25.8	38.6





#69

Atrazine

Concen: 44.346 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

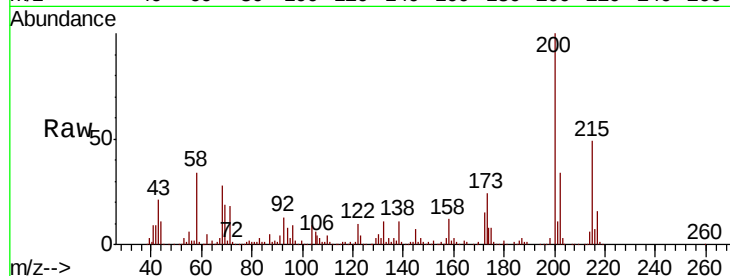
ClientSampleId :

OR-02-051420MS

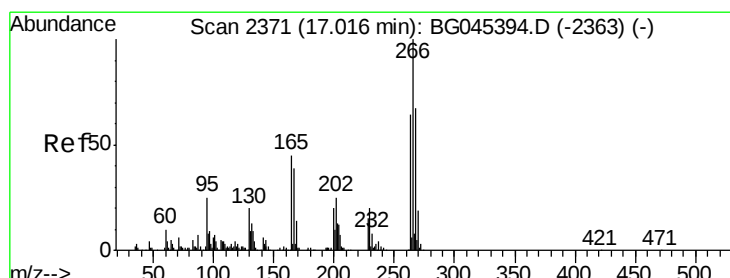
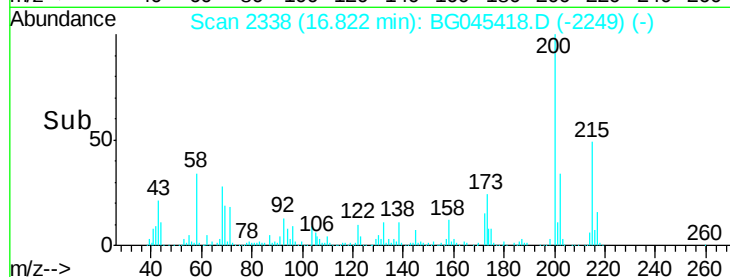
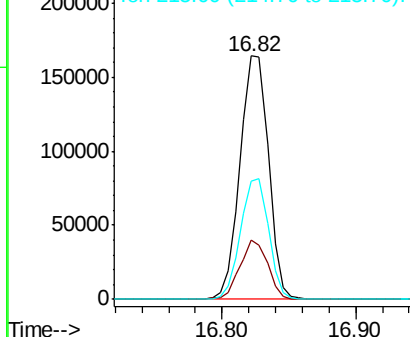
Tot Ion:	200	Resp:	242993
Ion Ratio	Lower	Upper	
200	100		
173	24.5	5.5	45.5
215	48.7	28.2	68.2

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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: 83.917 ng

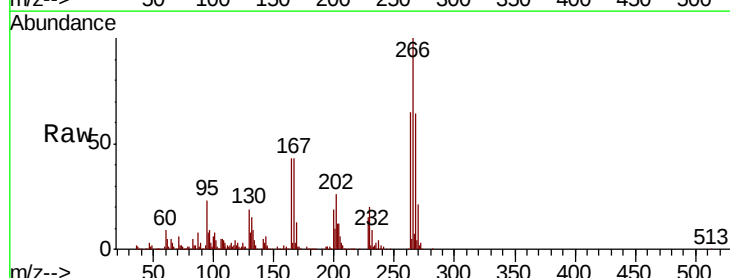
RT: 17.03 min Scan# 2373

Delta R.T. -0.01 min

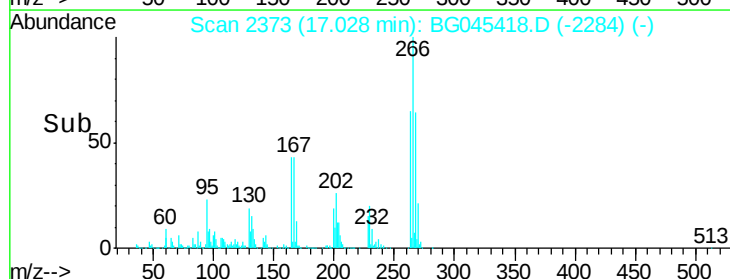
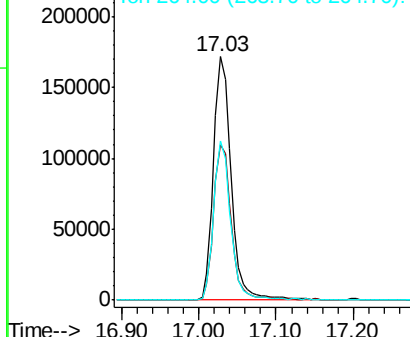
Lab File: BG045418.D

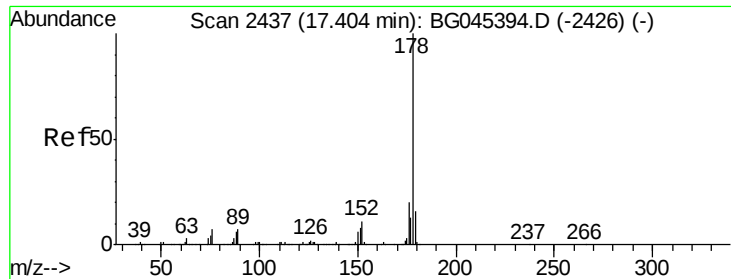
Acq: 18 May 2020 18:28

Tgt Ion:	266	Resp:	273430
Ion Ratio	Lower	Upper	
266	100		
268	63.9	53.2	79.8
264	65.2	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





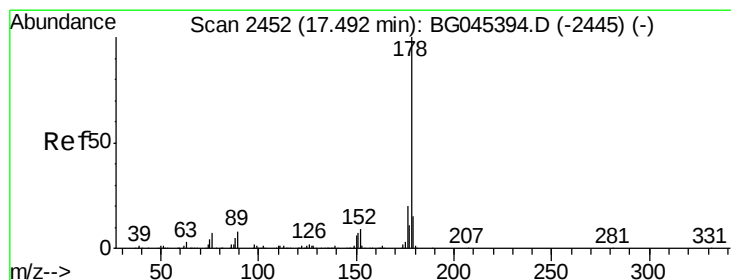
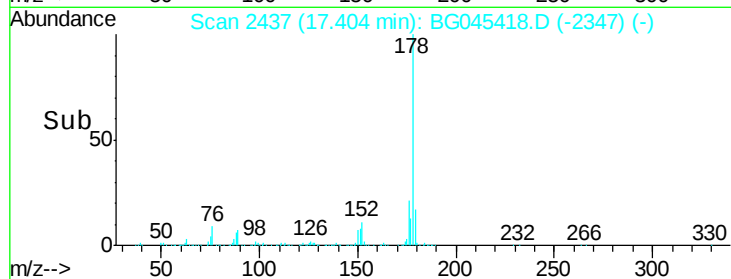
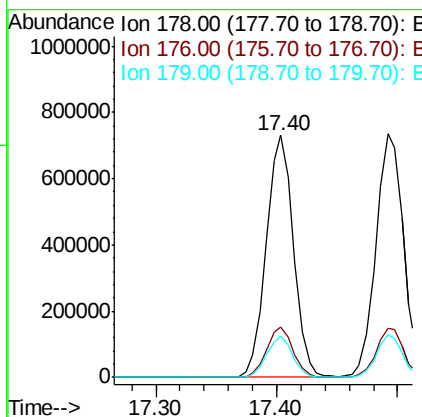
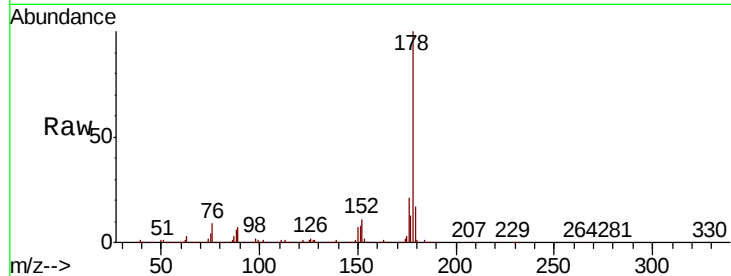
#71
Phenanthrene
Concen: 47.217 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	17.3	13.1	19.7

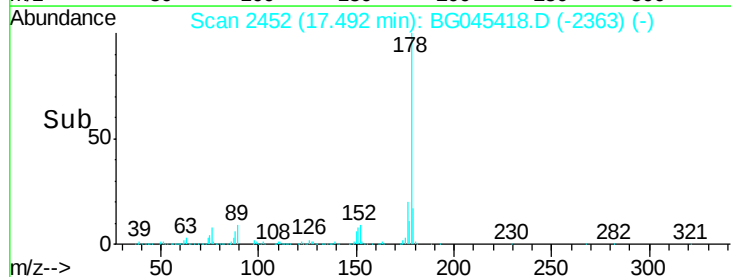
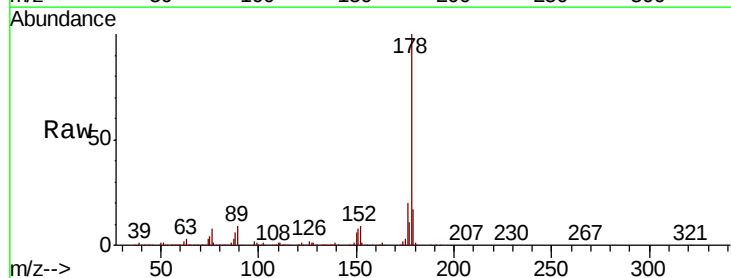
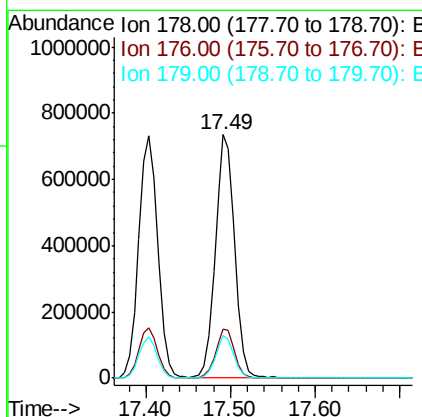
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#72
Anthracene
Concen: 48.275 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	17.3	12.2	18.4





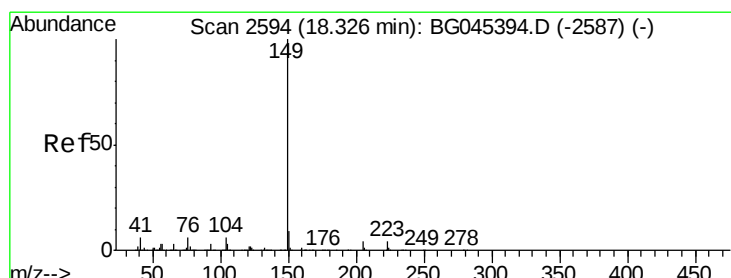
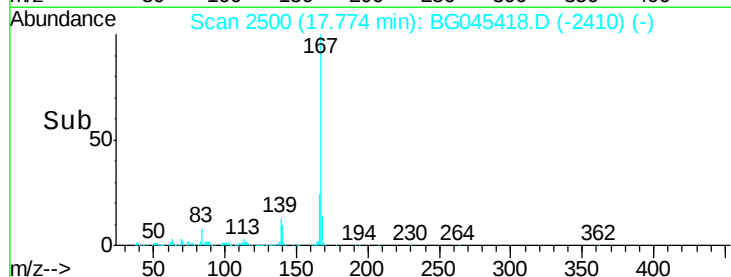
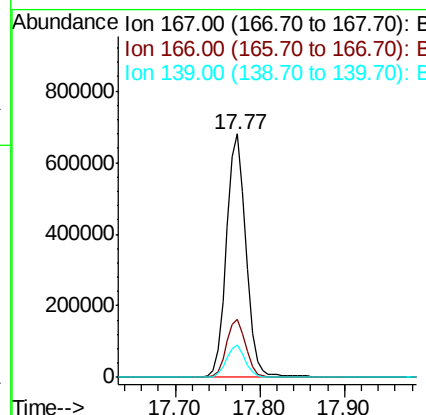
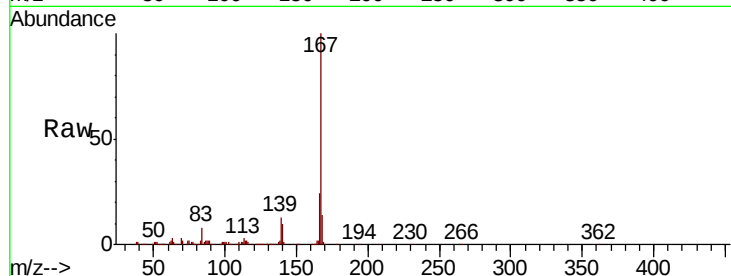
#73
 Carbazole
 Concen: 46.007 ng
 RT: 17.77 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	13.5	10.6	16.0

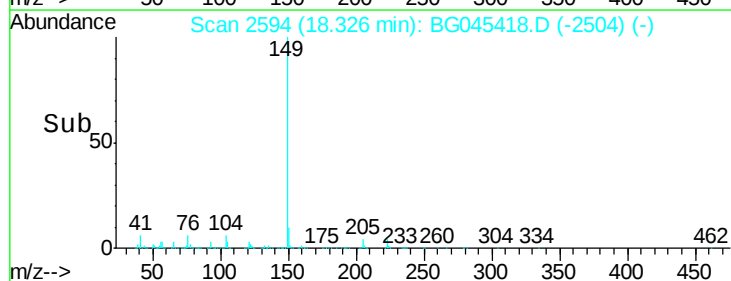
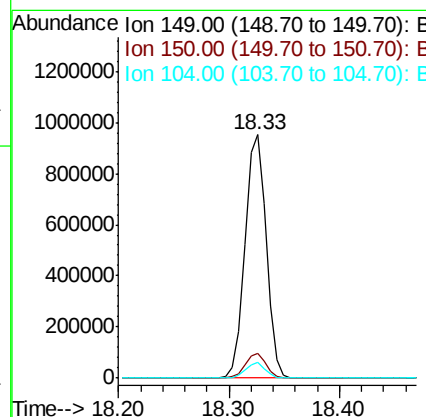
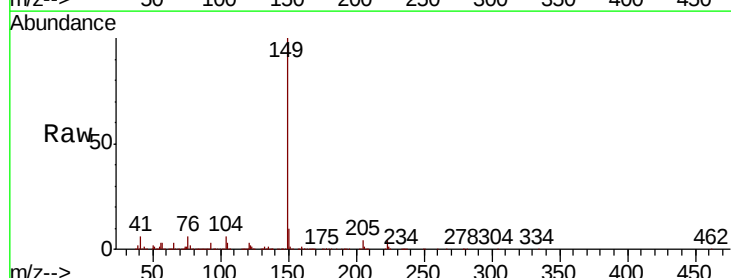
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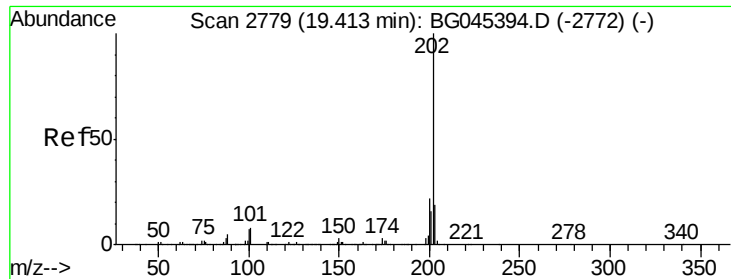
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#74
 Di-n-butylphthalate
 Concen: 45.335 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 45.438 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

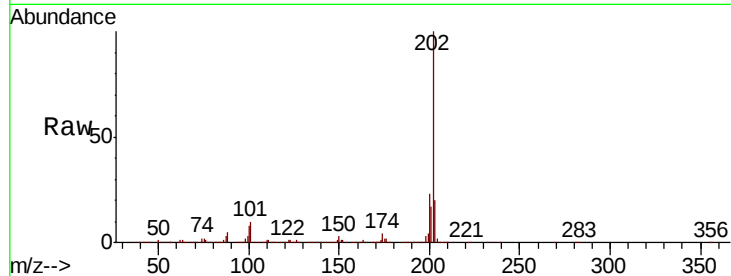
ClientSampleId :

OR-02-051420MS

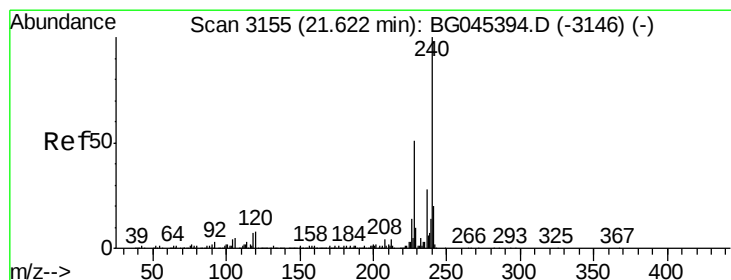
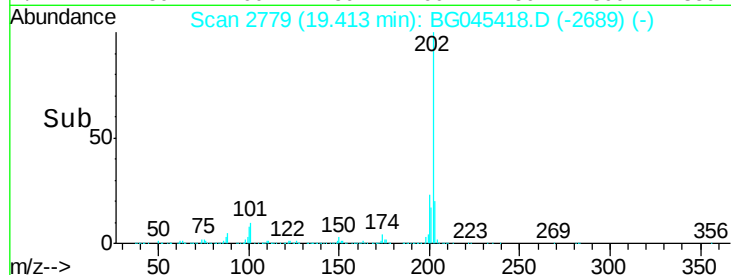
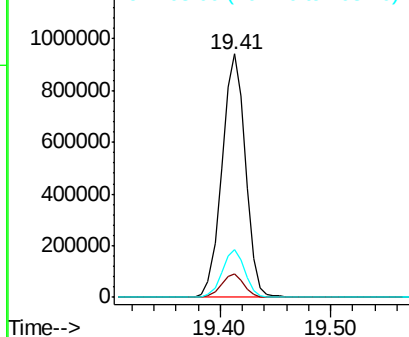
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1397954		
101	9.6	0.0	28.3		
203	19.9	0.0	39.0		

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



#76

Chrysene-d12

Concen: 20.000 ng

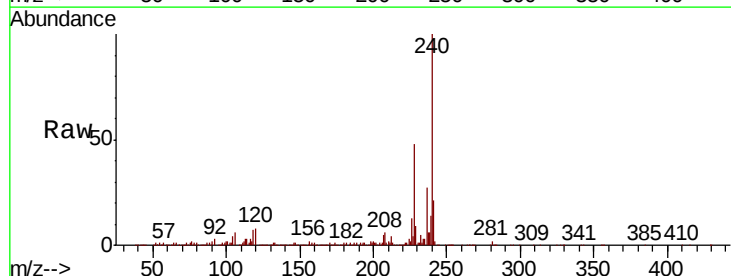
RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

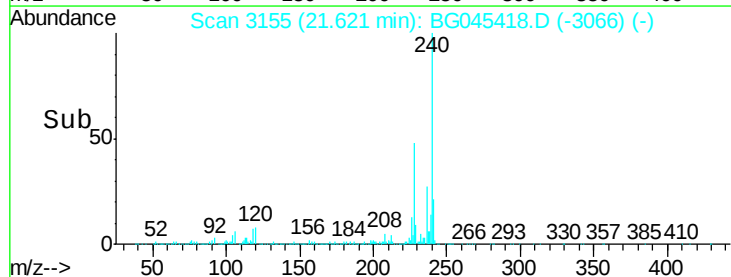
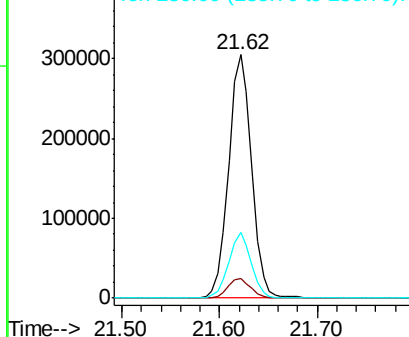
Lab File: BG045418.D

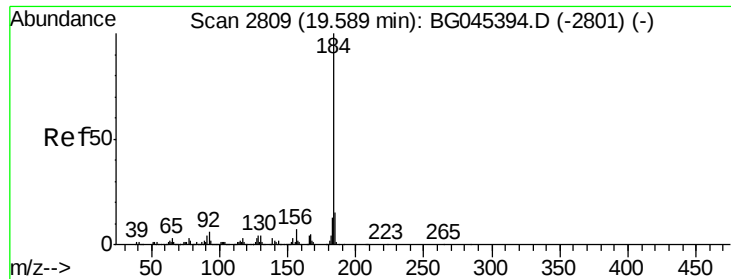
Acq: 18 May 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		497139		
120	8.1	6.1	9.1		
236	27.1	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: 20.467 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

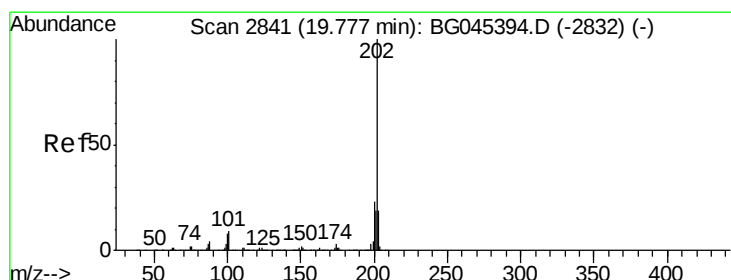
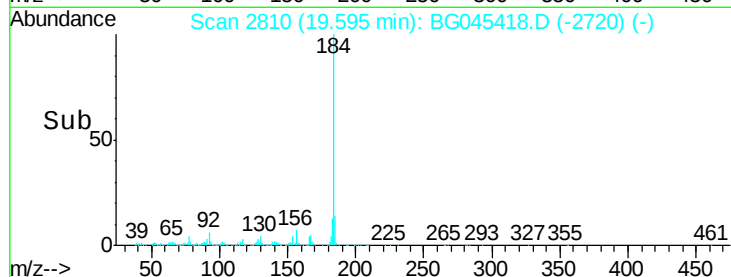
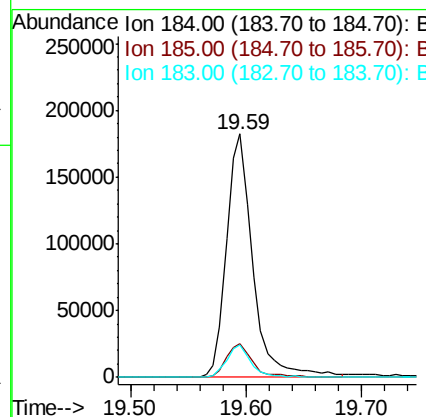
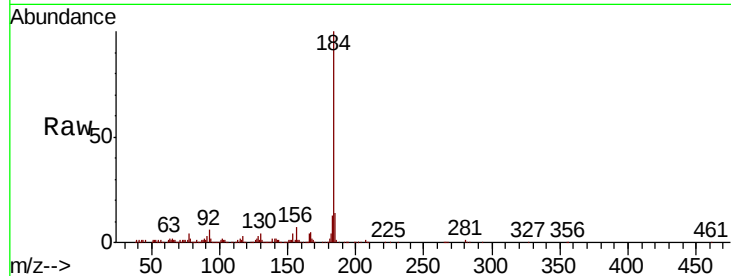
ClientSampleId :

OR-02-051420MS

Tot Ion:	184	Resp:	285763
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.7	17.5
183	13.3	10.2	15.4

Manual Integrations
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#78

Pyrene

Concen: 49.149 ng

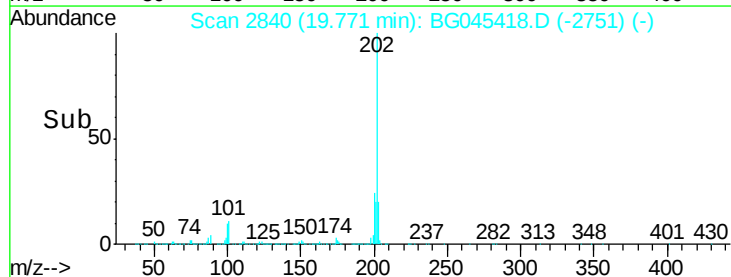
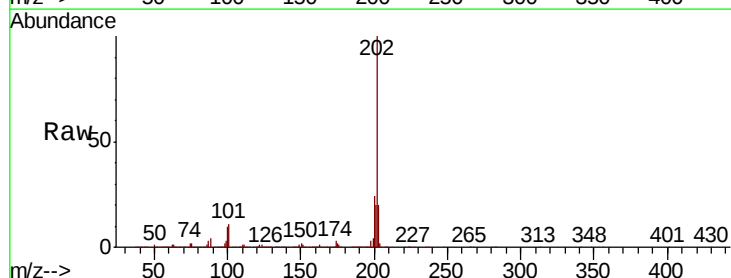
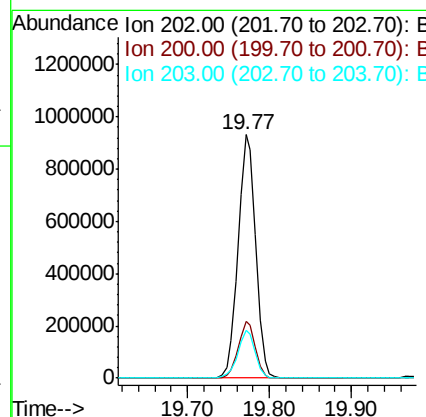
RT: 19.77 min Scan# 2840

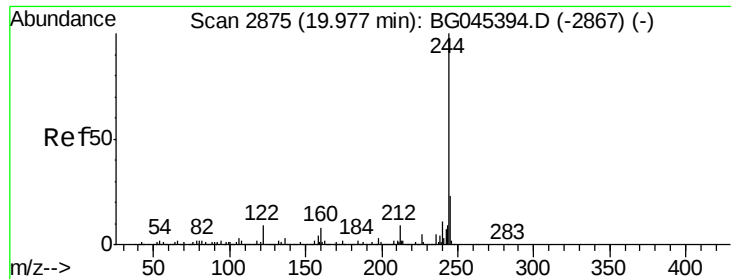
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	202	Resp:	1392843
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.2	27.2
203	19.6	15.1	22.7





#79

Terphenyl-d14

Concen: 98.074 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MS

Tot Ion:244 Resp: 2090477

Ion Ratio Lower Upper

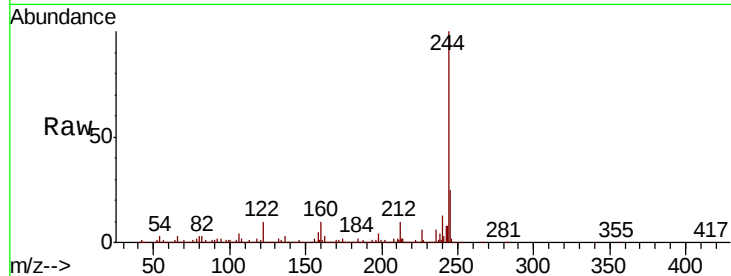
244 100

212 10.1 7.4 11.0

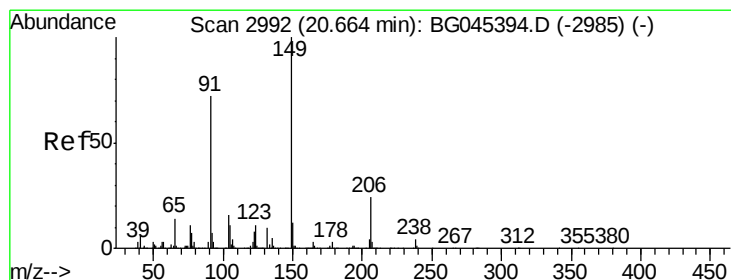
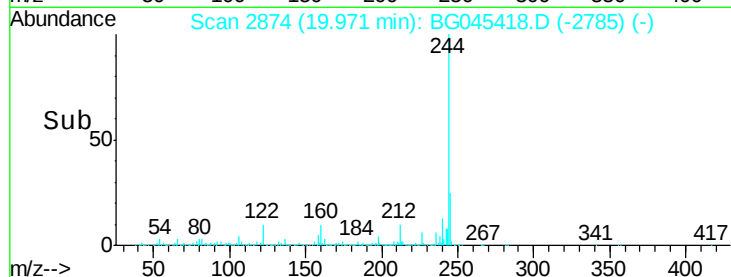
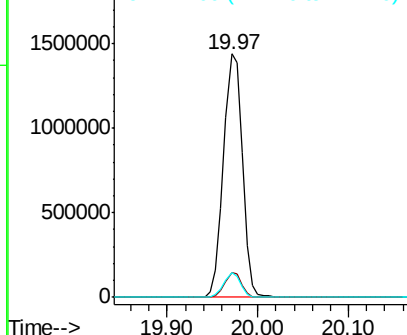
122 10.2 6.8 10.2#

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



#80

Butylbenzylphthalate

Concen: 46.603 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

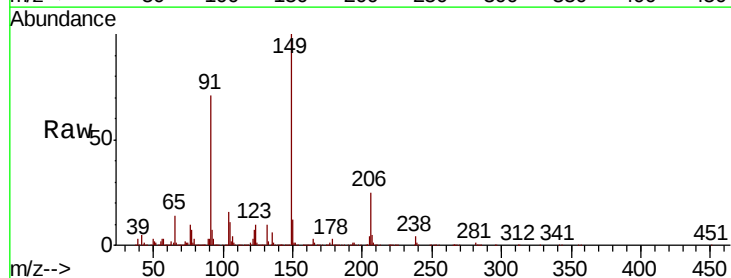
Tgt Ion:149 Resp: 570051

Ion Ratio Lower Upper

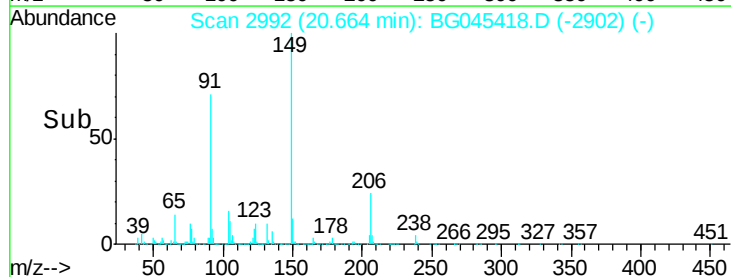
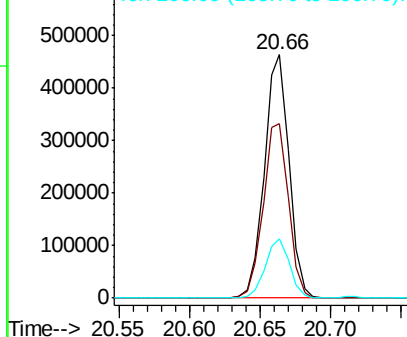
149 100

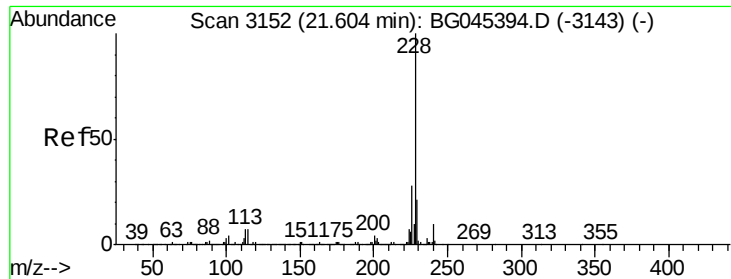
91 71.4 57.8 86.6

206 24.5 19.1 28.7



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





#81

Benzo(a)anthracene

Concen: 47.064 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

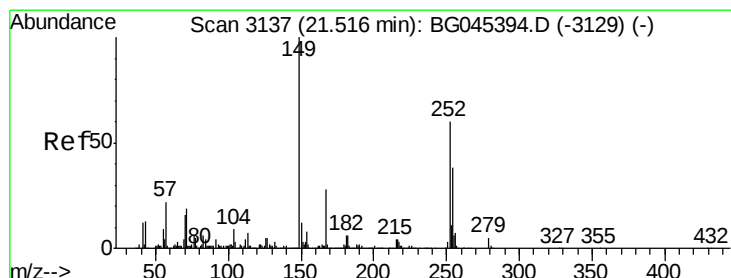
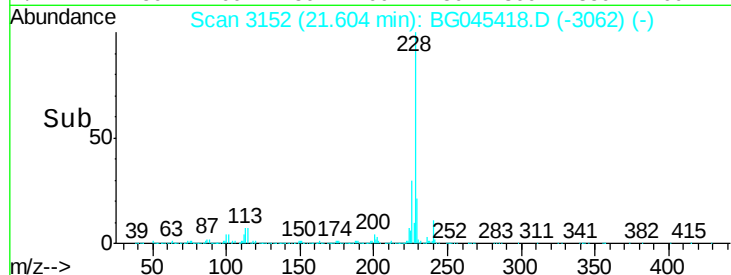
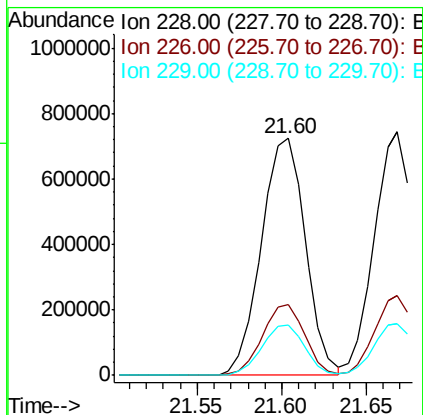
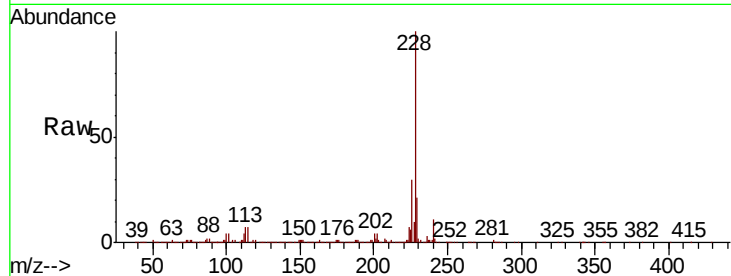
ClientSampleId :

OR-02-051420MS

Tot Ion:	228	Resp:	1303384
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	21.4	16.7	25.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.882 ng

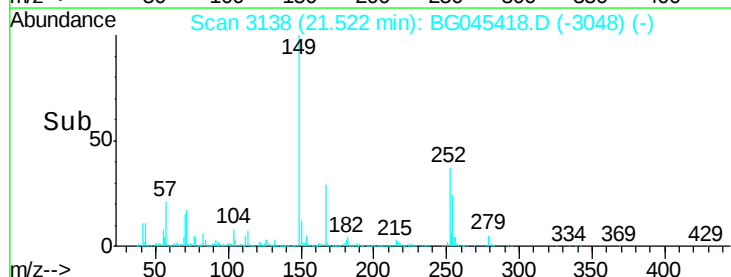
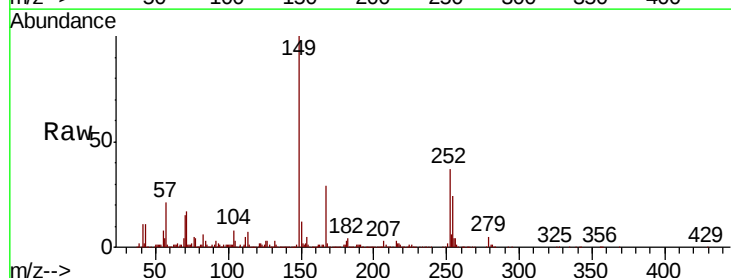
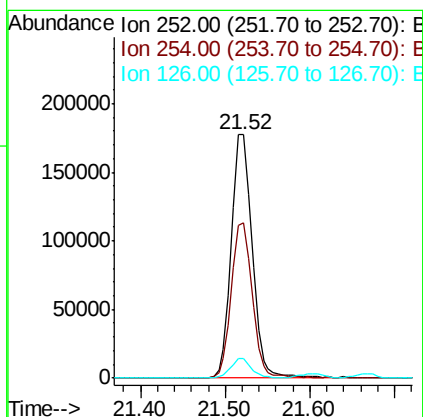
RT: 21.52 min Scan# 3138

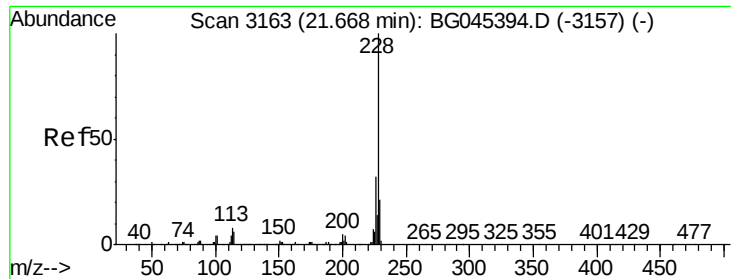
Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:	252	Resp:	302889
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	7.8	6.6	10.0





#83

Chrysene

Concen: 46.116 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MS

Tot Ion:228 Resp: 1228006

Ion Ratio Lower Upper

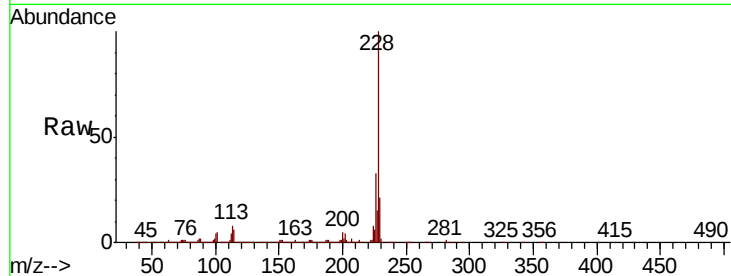
228 100

226 32.6 25.2 37.8

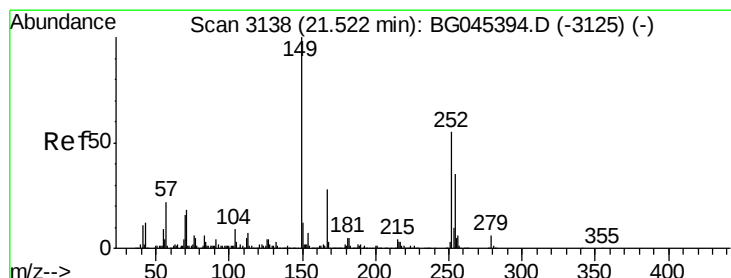
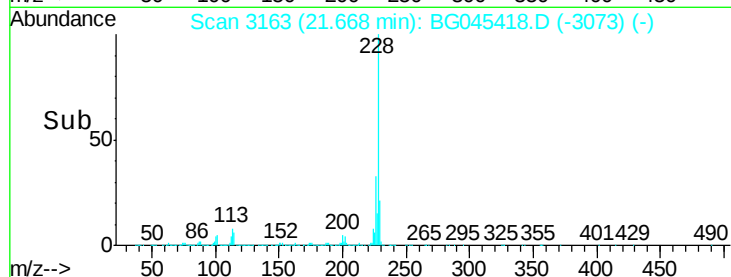
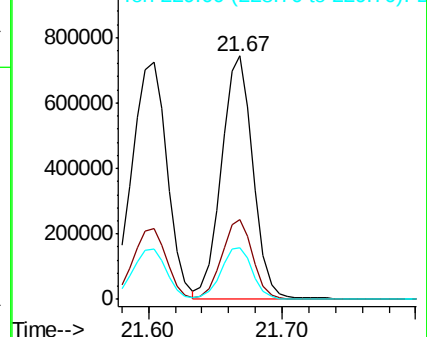
229 21.4 16.7 25.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.513 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

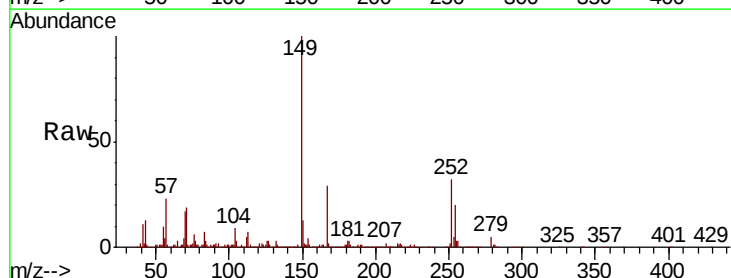
Tgt Ion:149 Resp: 782100

Ion Ratio Lower Upper

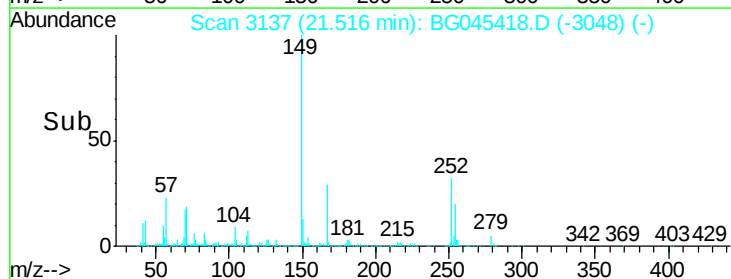
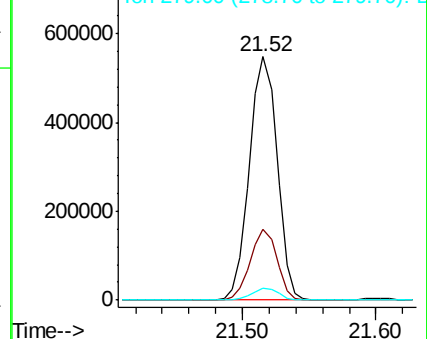
149 100

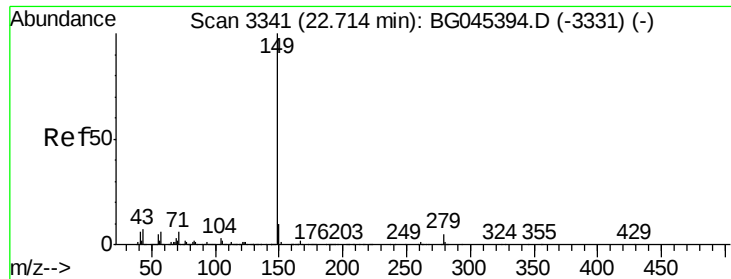
167 28.9 22.2 33.2

279 4.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.897 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

OR-02-051420MS

Tot Ion:149 Resp: 1325466

Ion Ratio Lower Upper

149 100

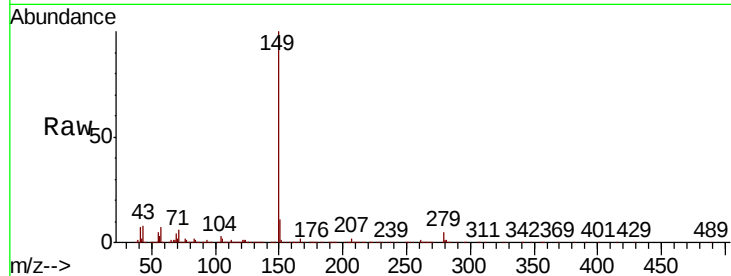
167 1.7 1.4 2.0

43 7.5 5.8 8.8

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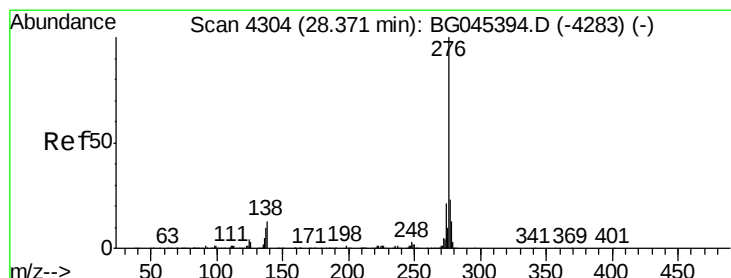
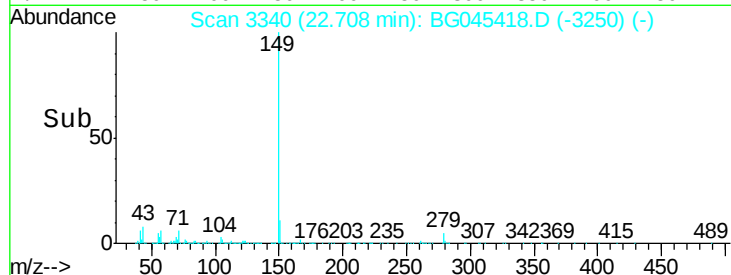
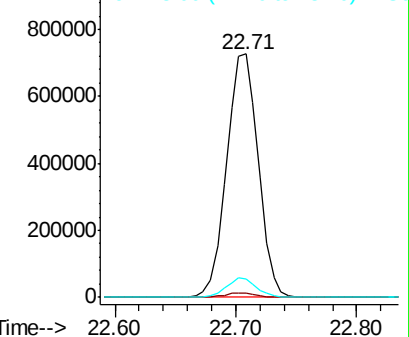
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.372 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

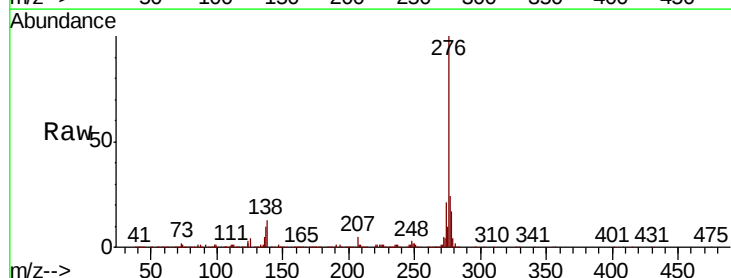
Tgt Ion:276 Resp: 1614748

Ion Ratio Lower Upper

276 100

138 15.9 8.6 12.8#

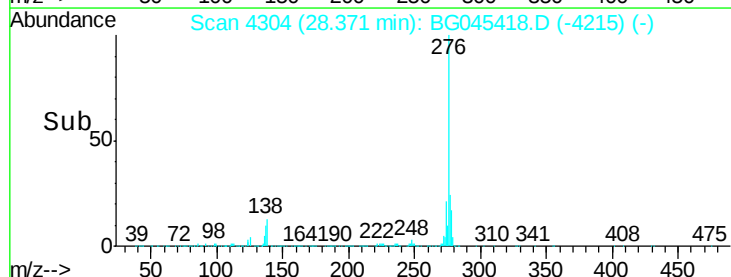
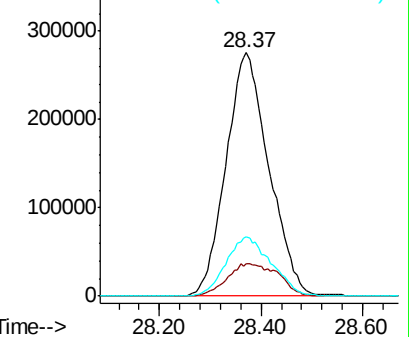
277 25.7 20.2 30.4

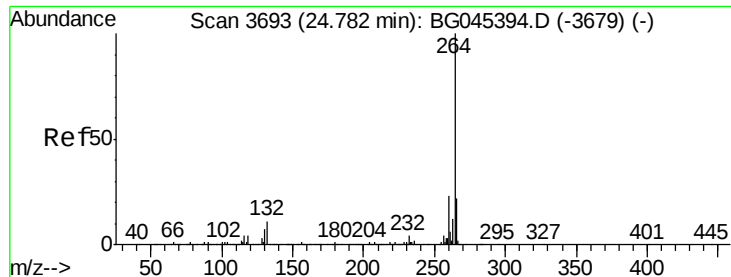


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

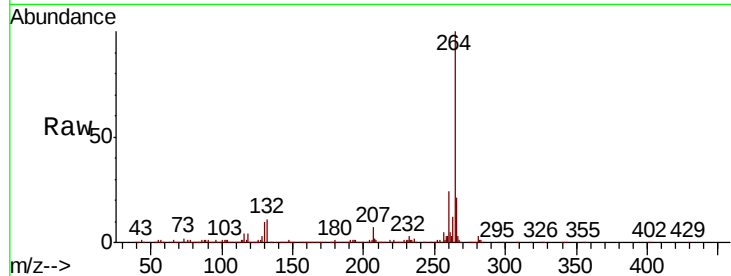
ClientSampleId :

OR-02-051420MS

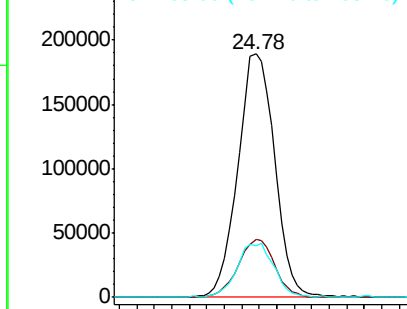
Tot Ion:	264	Resp:	540990
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	21.3	17.6	26.4

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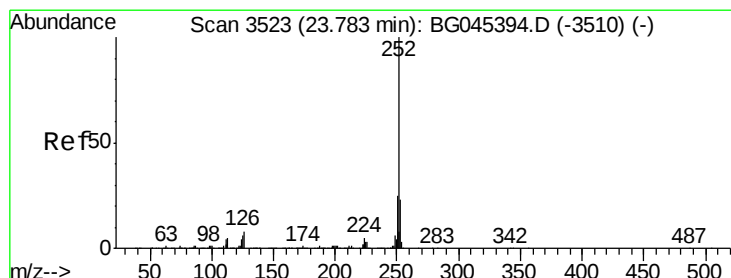
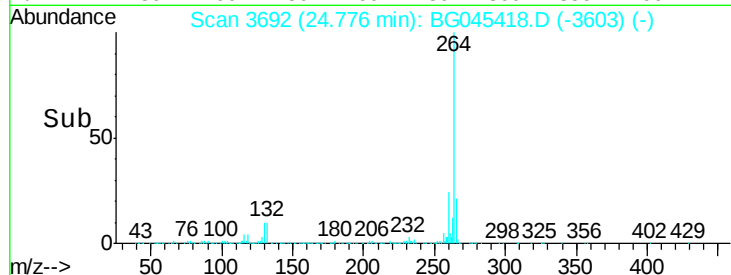
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 47.424 ng

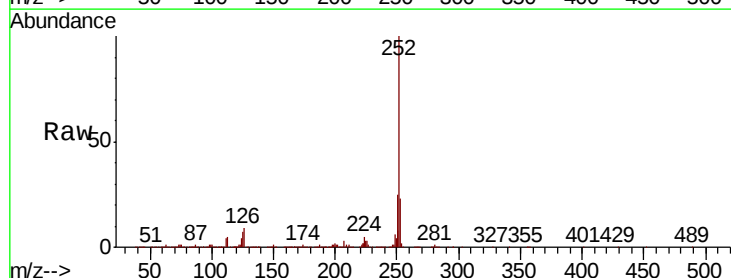
RT: 23.78 min Scan# 3523

Delta R.T. -0.01 min

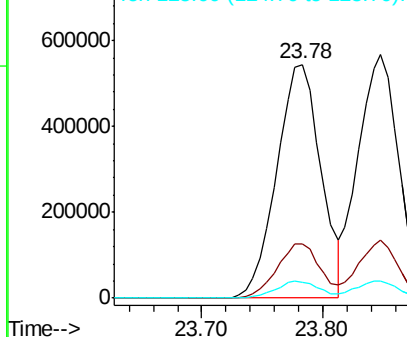
Lab File: BG045418.D

Acq: 18 May 2020 18:28

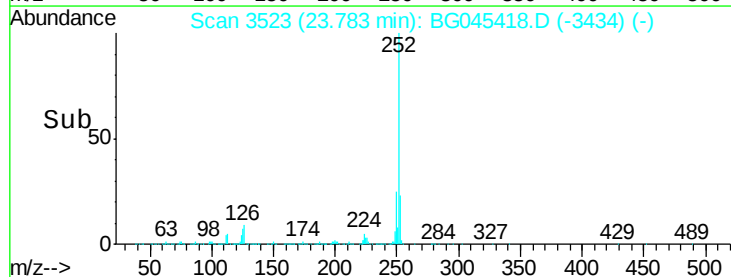
Tgt Ion:	252	Resp:	1375957
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	6.9	5.0	7.6

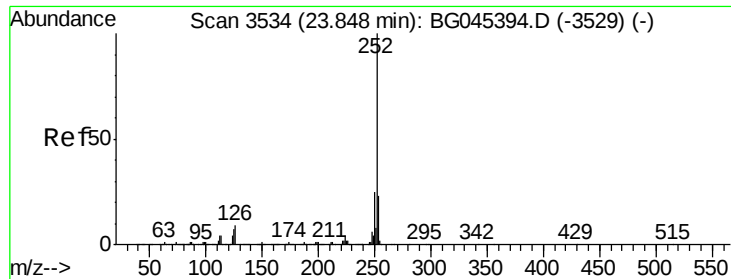


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





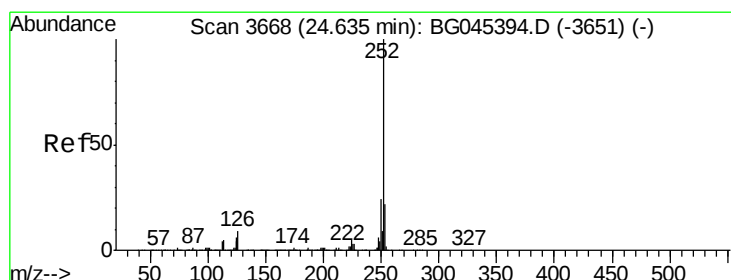
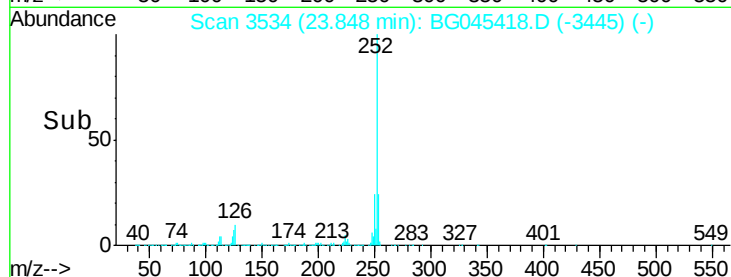
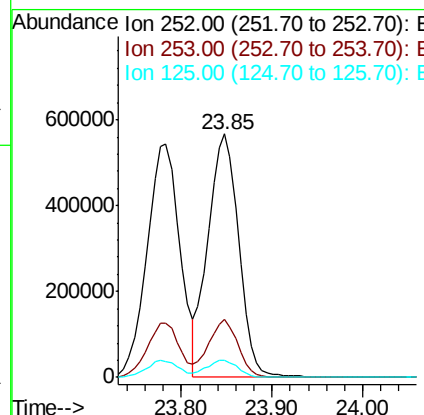
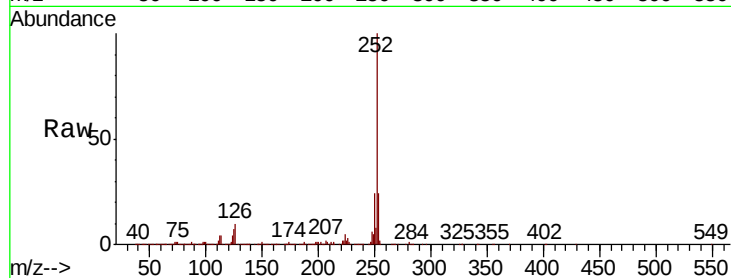
#89
Benzo(k)fluoranthene
Concen: 48.870 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	7.2	5.7	8.5

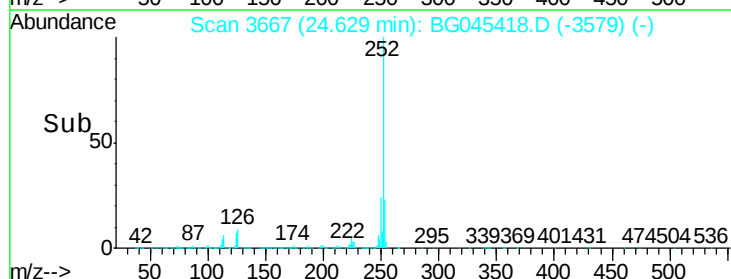
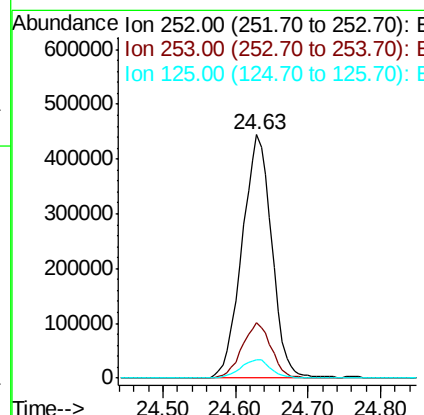
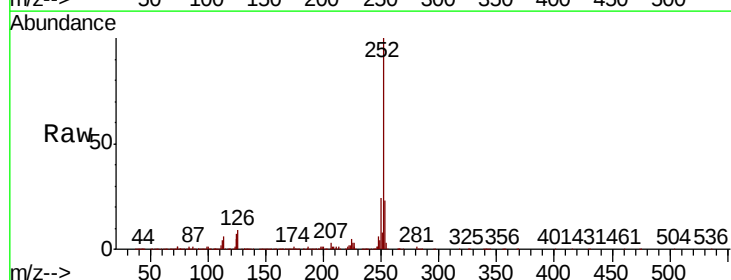
Manual Integrations
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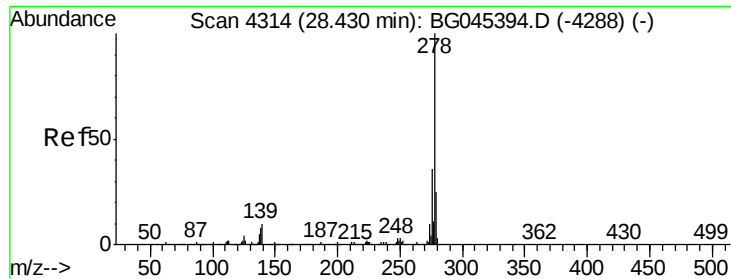
mohammad
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#90
Benzo(a)pyrene
Concen: 46.607 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	7.3	5.0	7.6





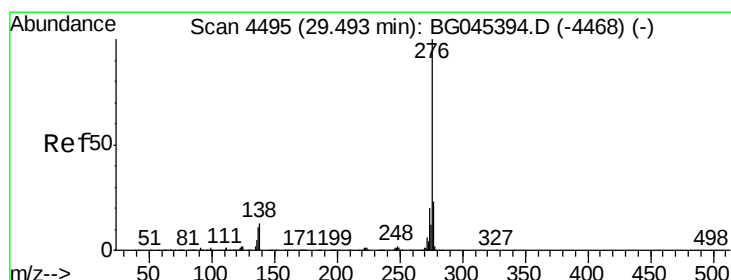
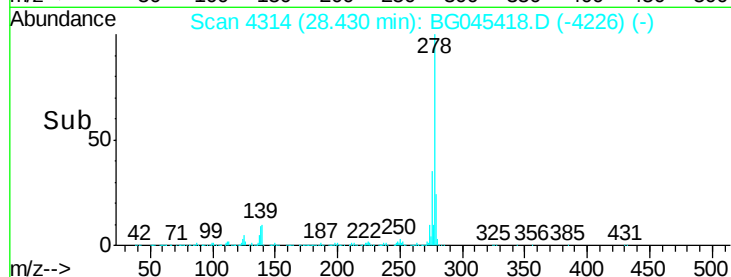
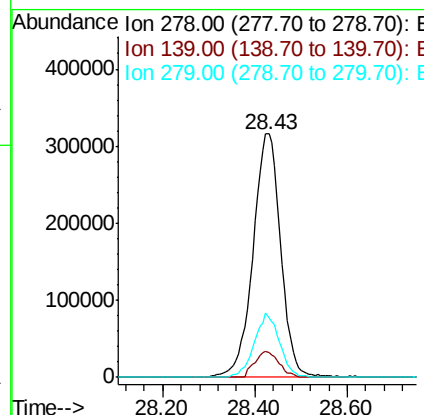
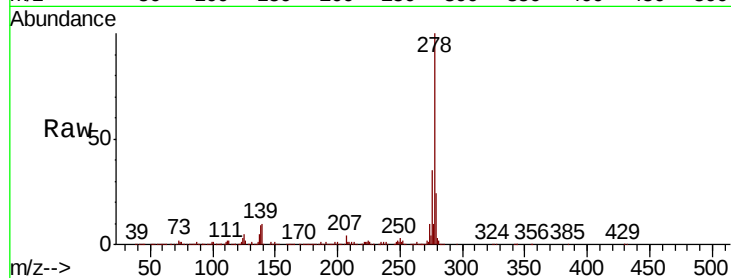
#91
Dibenzo(a,h)anthracene
Concen: 48.404 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.8	11.8
279	24.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/19/2020 3:05:59 PM



#92
Benzo(g,h,i)perylene
Concen: 49.265 ng
RT: 29.48 min Scan# 4493
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	13.3	10.2	15.4

