

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044201.D
 Acq On : 25 Jan 2020 4:26
 Operator : CG/JU
 Sample : L1007-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Manual Integrations
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mohammad
 1/28/2020 8:11:46 AM

Quant Time: Jan 27 04:25:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90594	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	390893	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	250553	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	521662	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	430417	20.00	ng	-0.03
87) Perylene-d12	24.66	264	497435	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	699064	141.68	ng	-0.02
7) Phenol-d6	7.11	99	860202	124.72	ng	-0.02
23) Nitrobenzene-d5	9.09	82	634683	86.86	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	369695	141.00	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1366412	98.81	ng	-0.04
79) Terphenyl-d14	19.93	244	1872239	114.29	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	86219	40.077	ng	# 34
3) Pyridine	3.81	79	176058	27.702	ng	95
4) n-Nitrosodimethylamine	3.71	42	122049	43.134	ng	99
6) Aniline	7.25	93	233302	25.754	ng	98
8) 2-Chlorophenol	7.50	128	301660	52.079	ng	96
9) Benzaldehyde	7.06	77	150862	34.177	ng	99
10) Phenol	7.13	94	324645	45.687	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	278769	45.448	ng	99
12) 1,3-Dichlorobenzene	7.82	146	292756	43.190	ng	98
13) 1,4-Dichlorobenzene	7.96	146	293479	43.881	ng	99
14) 1,2-Dichlorobenzene	8.29	146	280056	43.626	ng	100
15) Benzyl Alcohol	8.17	79	258970	47.577	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	379146	39.953	ng	98
17) 2-Methylphenol	8.38	107	250836	48.779	ng	98
18) Hexachloroethane	9.02	117	110204	42.347	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	229624	44.707	ng	98
20) 3+4-Methylphenols	8.70	107	342368	47.726	ng	96
22) Acetophenone	8.75	105	419294	43.146	ng	# 98
24) Nitrobenzene	9.13	77	321555	44.432	ng	98
25) Isophorone	9.66	82	626857	45.727	ng	99
26) 2-Nitrophenol	9.84	139	170455	49.783	ng	97
27) 2,4-Dimethylphenol	9.91	122	289546	56.178	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	392239	42.918	ng	99
29) 2,4-Dichlorophenol	10.38	162	297233	48.347	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	294006	42.651	ng	98
31) Naphthalene	10.78	128	881671	46.610	ng	99
32) Benzoic acid	10.05	122	93789	25.692	ng	97
33) 4-Chloroaniline	10.89	127	68993	7.647	ng	97
34) Hexachlorobutadiene	11.08	225	170578	40.529	ng	97
35) Caprolactam	11.66	113	83097m	36.308	ng	
36) 4-Chloro-3-methylphenol	12.02	107	321916	49.187	ng	98
37) 2-Methylnaphthalene	12.39	142	661554	46.454	ng	97
38) 1-Methylnaphthalene	12.61	142	631092	46.757	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	318965	43.434	ng	99

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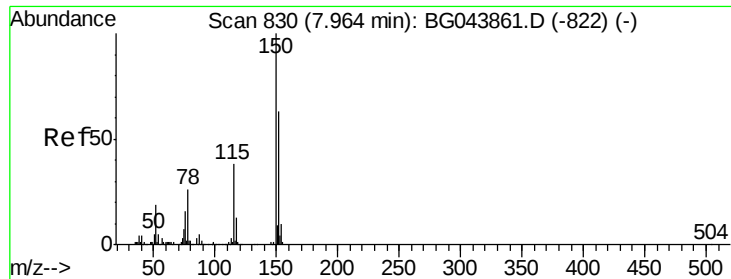
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	361180	94.866	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	240567	47.608	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	252066	48.366	ng	100
46) 1,1'-Biphenyl	13.40	154	836821	46.583	ng	99
47) 2-Chloronaphthalene	13.44	162	654916	45.116	ng	98
48) 2-Nitroaniline	13.64	65	205571	44.024	ng	97
49) Acenaphthylene	14.29	152	1039923	49.842	ng	98
50) Dimethylphthalate	14.02	163	900645	50.626	ng	99
51) 2,6-Dinitrotoluene	14.13	165	190684	47.422	ng	99
52) Acenaphthene	14.63	154	656065	44.838	ng	97
53) 3-Nitroaniline	14.46	138	100292	21.964	ng	100
54) 2,4-Dinitrophenol	14.67	184	167773	81.770	ng	96
55) Dibenzofuran	14.97	168	990884	49.194	ng	98
56) 4-Nitrophenol	14.78	139	305903	87.423	ng	98
57) 2,4-Dinitrotoluene	14.93	165	266640	48.734	ng	98
58) Fluorene	15.61	166	770926	48.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	221403	49.405	ng	97
60) Diethylphthalate	15.39	149	846272	47.560	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	403748	46.574	ng	99
62) 4-Nitroaniline	15.63	138	188628	41.832	ng	96
63) Azobenzene	15.90	77	793441	48.082	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	141206	52.122	ng	98
66) n-Nitrosodiphenylamine	15.82	169	728782	47.440	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	261989	44.654	ng	99
68) Hexachlorobenzene	16.62	284	278685	44.082	ng	99
69) Atrazine	16.77	200	269188	53.907	ng	99
70) Pentachlorophenol	16.96	266	300460	86.215	ng	97
71) Phenanthrene	17.35	178	1195464	47.777	ng	99
72) Anthracene	17.44	178	1243644	50.292	ng	98
73) Carbazole	17.71	167	1098048	48.071	ng	97
74) Di-n-butylphthalate	18.27	149	1359682	46.622	ng	98
75) Fluoranthene	19.36	202	1367763	47.798	ng	97
77) Benzidine	19.54	184	265638	24.553	ng	97
78) Pyrene	19.72	202	1384491	49.279	ng	97
80) Butylbenzylphthalate	20.61	149	655028	48.971	ng	97
81) Benzo(a)anthracene	21.54	228	1313228	49.205	ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	263188	24.961	ng	97
83) Chrysene	21.61	228	1246775	49.164	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	906409	49.112	ng	97
85) Di-n-octyl phthalate	22.63	149	1575219	50.768	ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1637972	47.527	ng	99
88) Benzo(b)fluoranthene	23.69	252	1390137	47.272	ng	99
89) Benzo(k)fluoranthene	23.75	252	1359509	48.616	ng	99
90) Benzo(a)pyrene	24.52	252	1282167	46.196	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1337788	47.993	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1376057	49.699	ng	98

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



#1

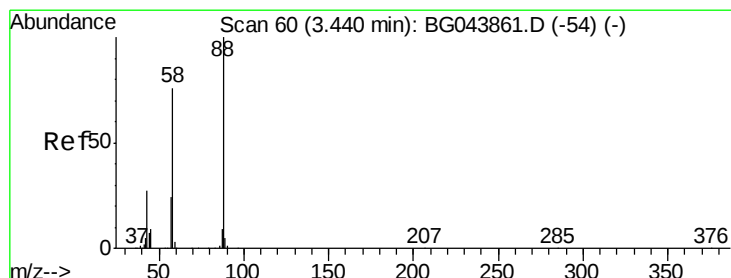
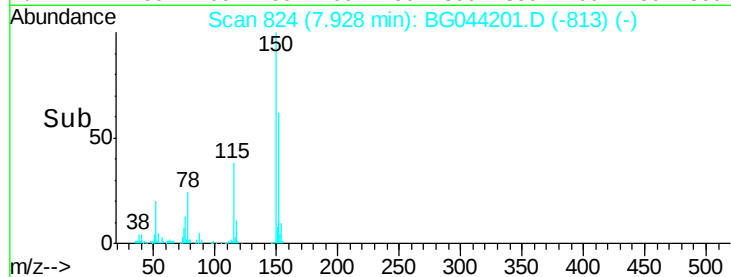
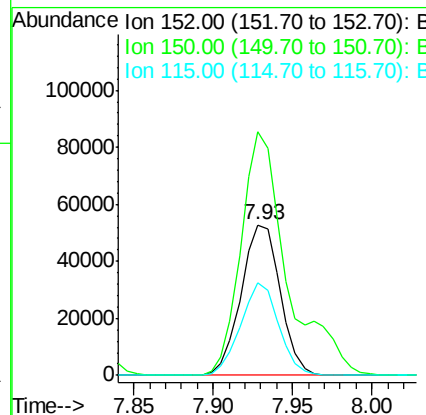
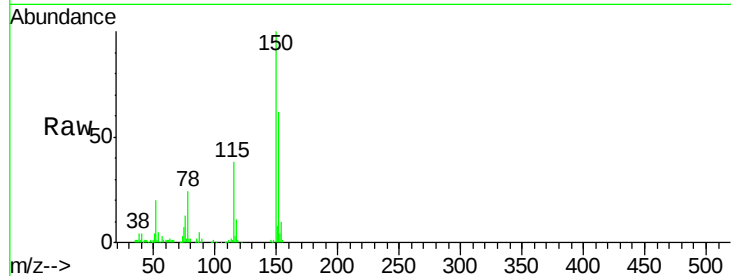
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	127.0	190.4
115	61.6	47.8	71.8

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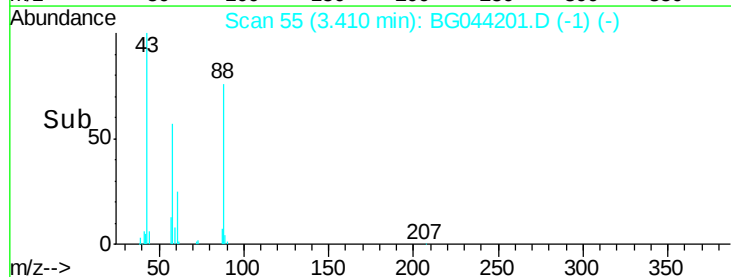
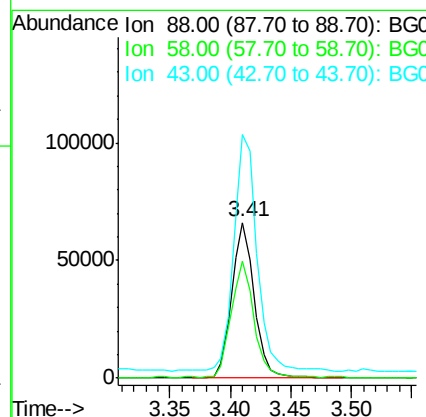
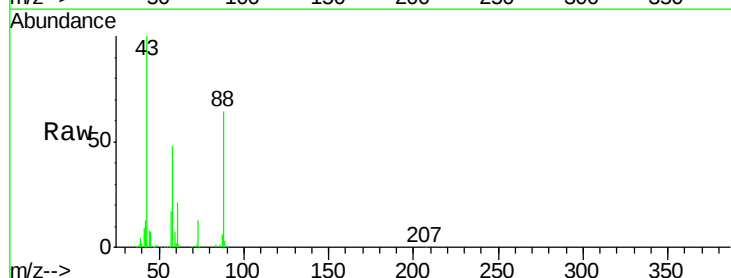
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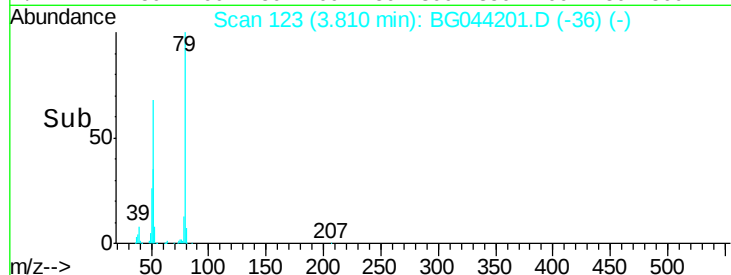
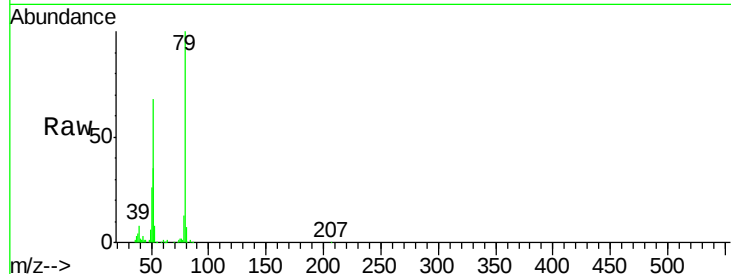
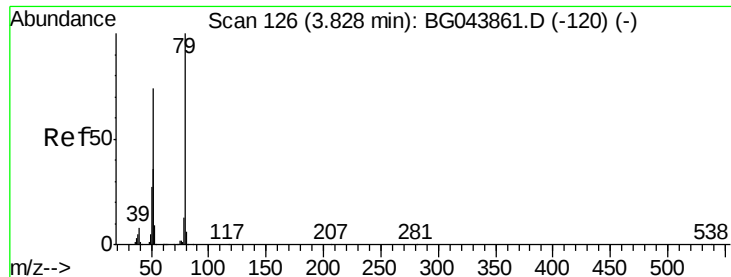


#2

1,4-Dioxane
Concen: 40.077 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	59.8	89.8
43	154.6	22.9	34.3#





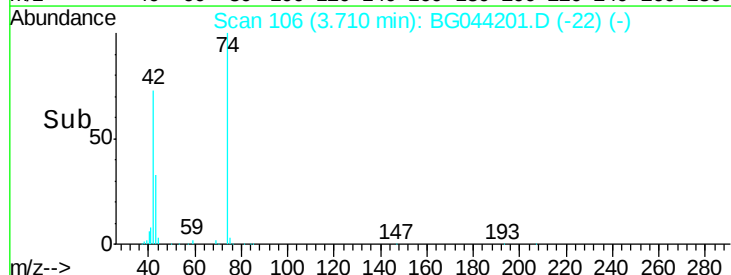
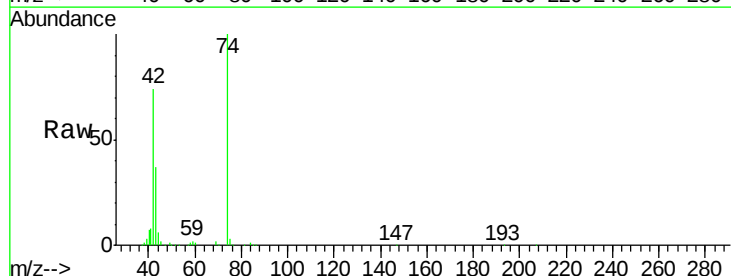
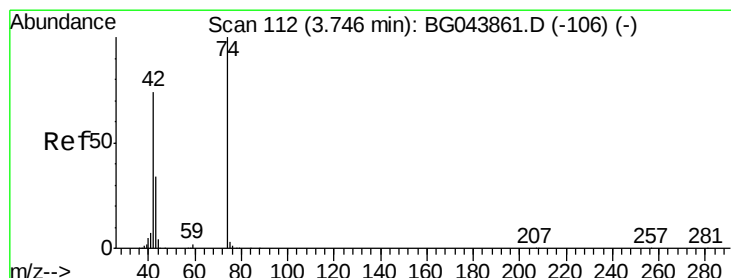
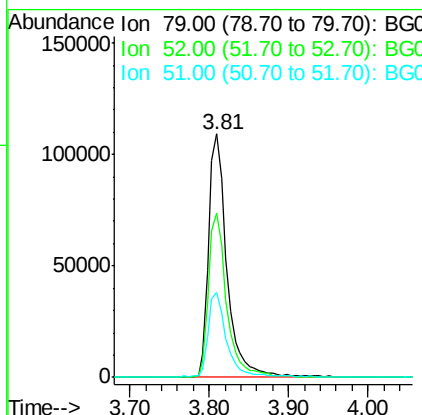
#3
 Pvridine
 Concen: 27.702 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	176058		
52	52	67.7	58.9	88.3	
51	51	35.0	28.6	43.0	

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

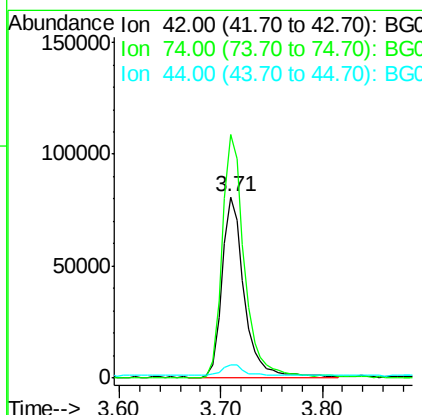
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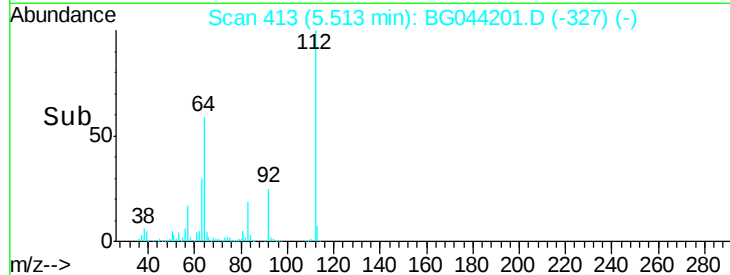
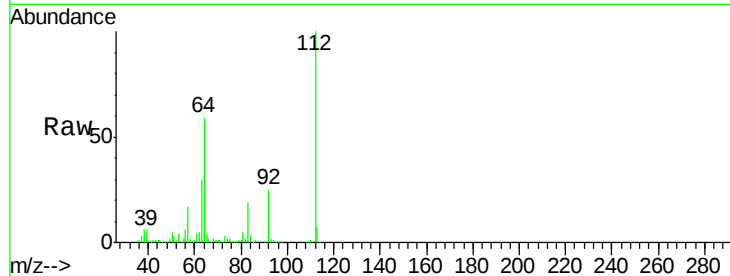
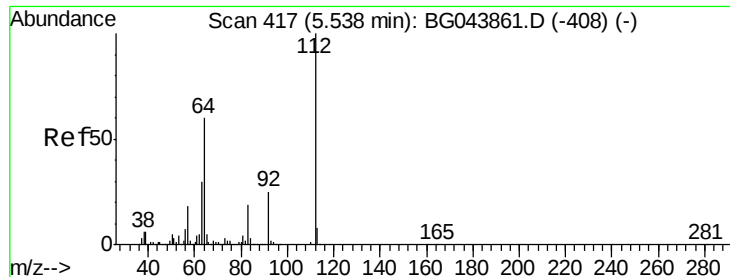
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#4
 n-Nitrosodimethylamine
 Concen: 43.134 ng
 RT: 3.71 min Scan# 106
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	122049		
74	74	134.6	108.6	162.8	
44	44	7.5	5.0	7.6	





#5

2-Fluorophenol

Concen: 141.683 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tot Ion:	112	Resp:	699064
Ion Ratio	Lower	Upper	
112	100		
64	58.6	47.8	71.6
63	30.2	24.3	36.5

Instrument :

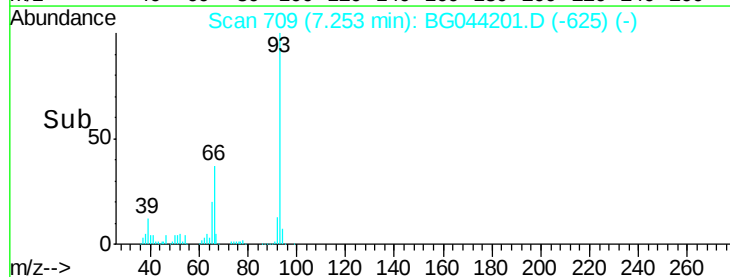
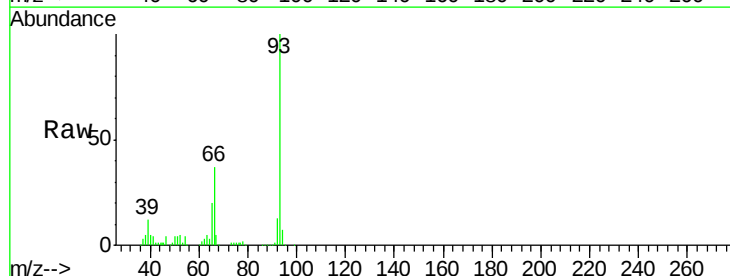
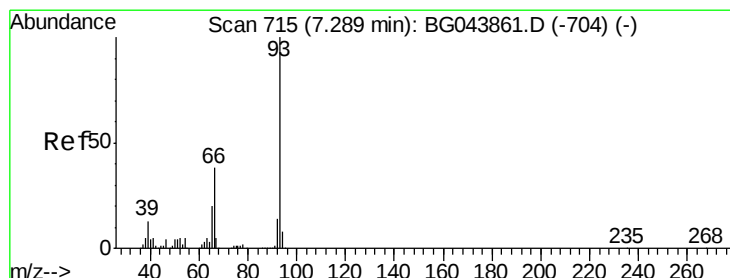
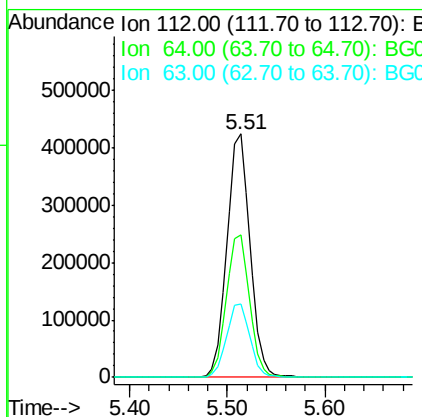
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#6

Aniline

Concen: 25.754 ng

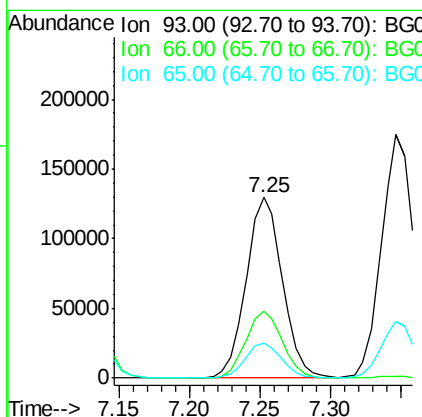
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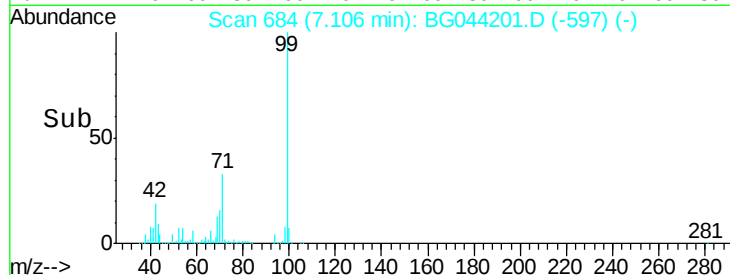
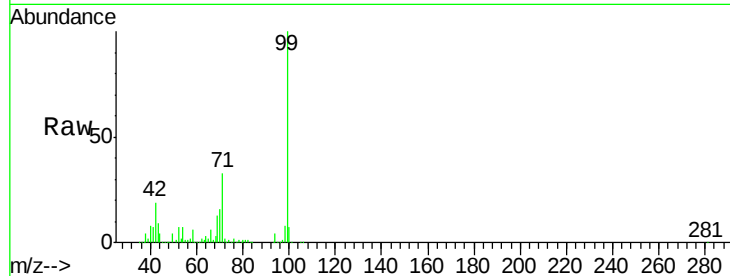
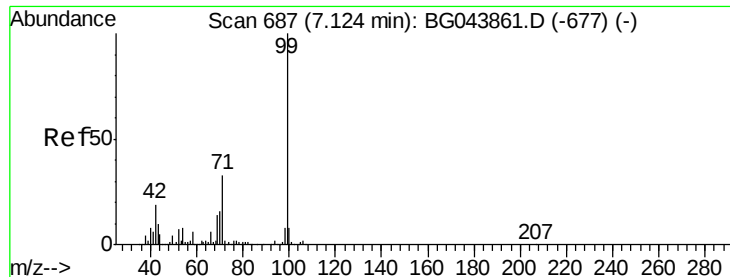
Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	93	Resp:	233302
Ion Ratio	Lower	Upper	
93	100		
66	37.2	30.8	46.2
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 124.724 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		860202		
42	18.7	14.9	22.3		
71	33.0	26.4	39.6		

Instrument :

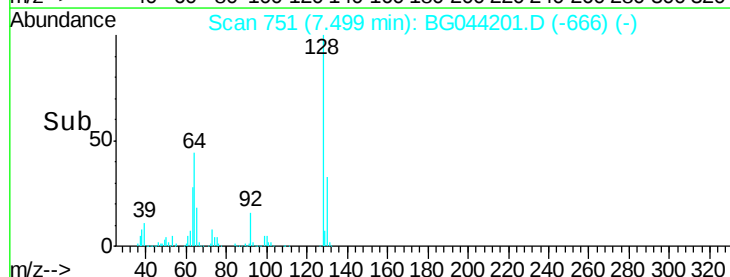
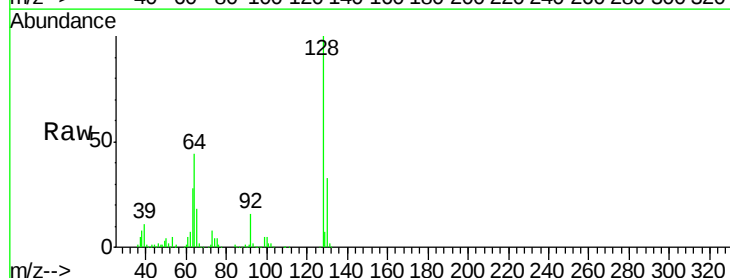
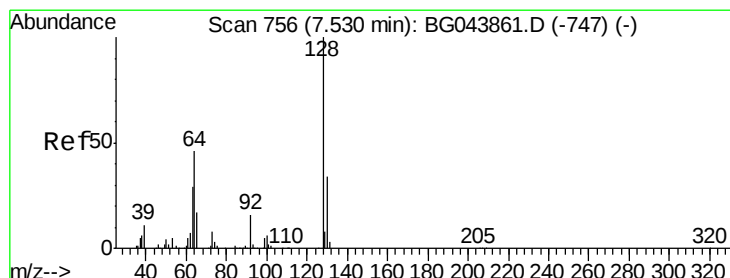
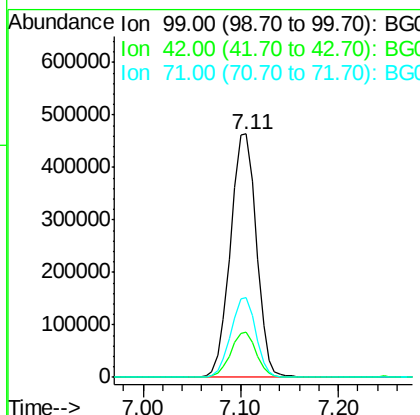
BNA_G

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#8

2-Chlorophenol

Concen: 52.079 ng

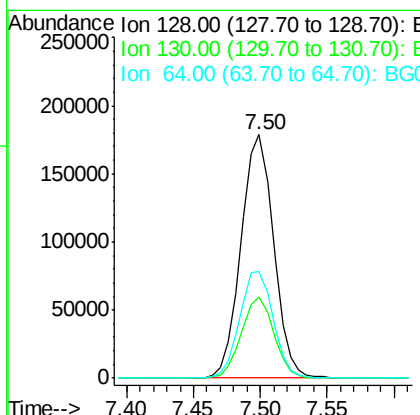
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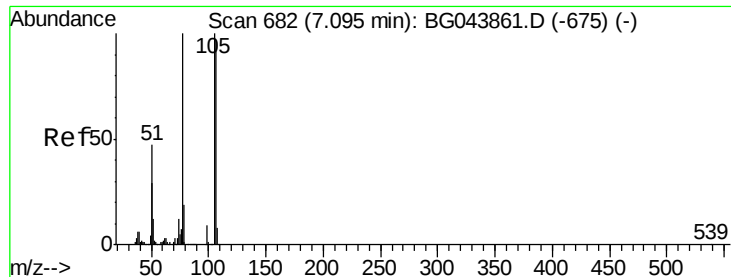
Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		301660		
130	33.3	13.8	53.8		
64	43.6	27.6	67.6		





#9

Benzaldehyde

Concen: 34.177 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

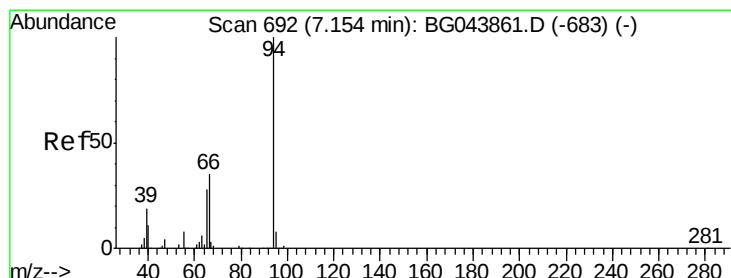
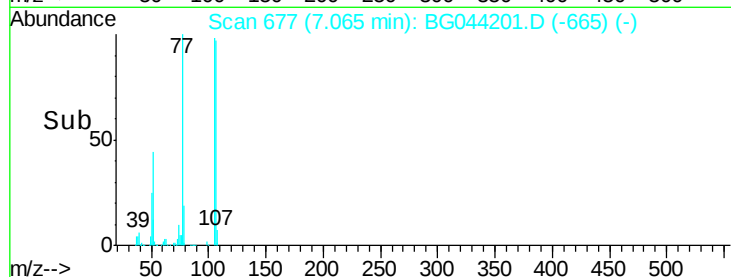
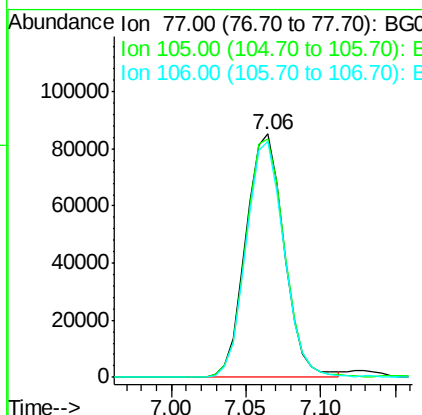
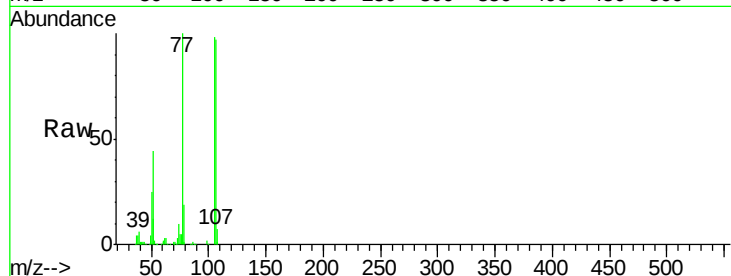
ClientSampleId :

JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.2	120.2
106	97.1	77.2	117.2

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#10

Phenol

Concen: 45.687 ng

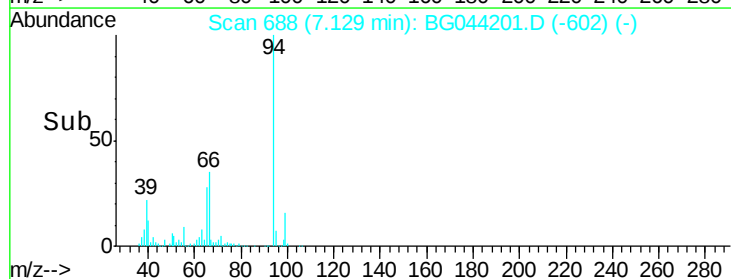
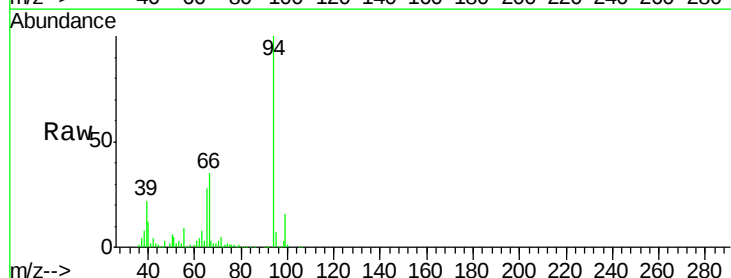
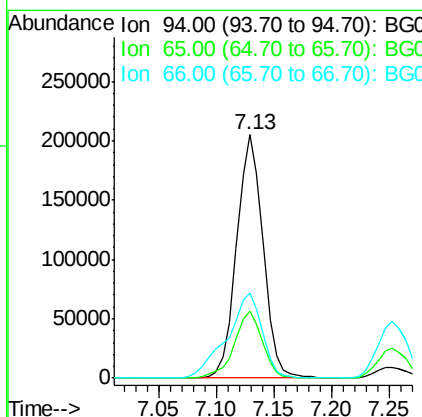
RT: 7.13 min Scan# 688

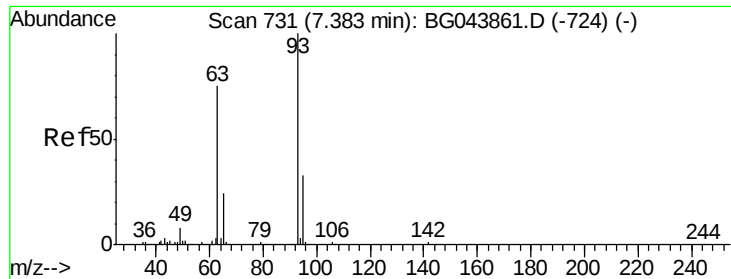
Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	34.7	15.6	55.6





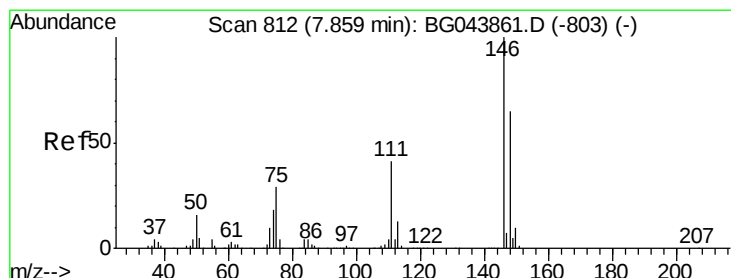
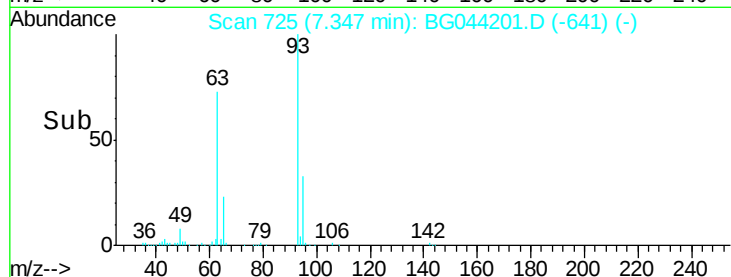
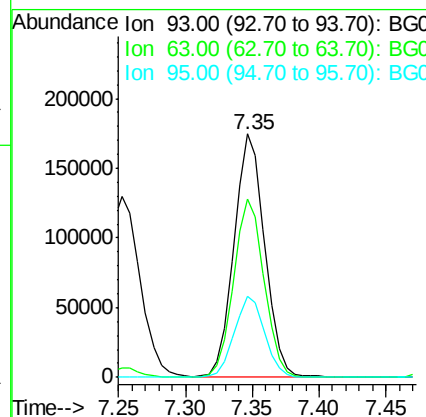
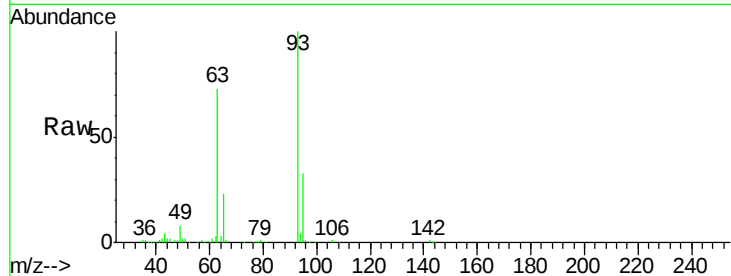
#11
bis(2-Chloroethyl)ether
Concen: 45.448 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	278769		
63	73.3		55.0	95.0
95	33.1		13.3	53.3

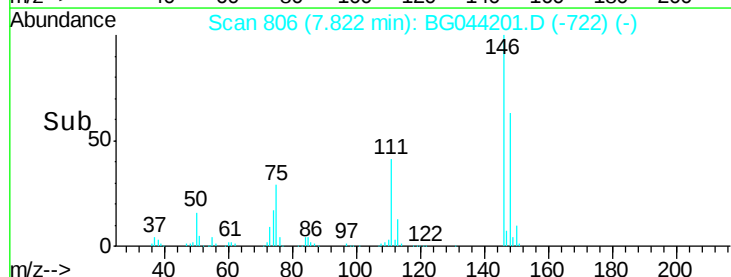
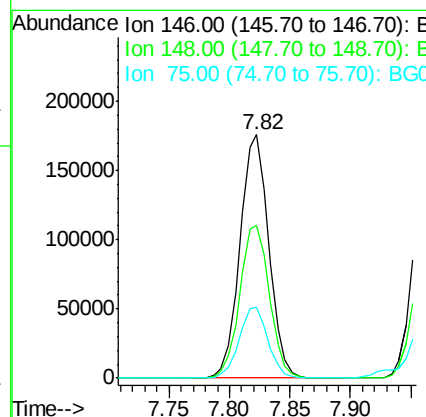
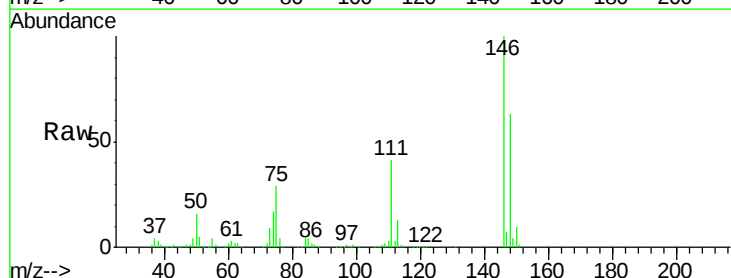
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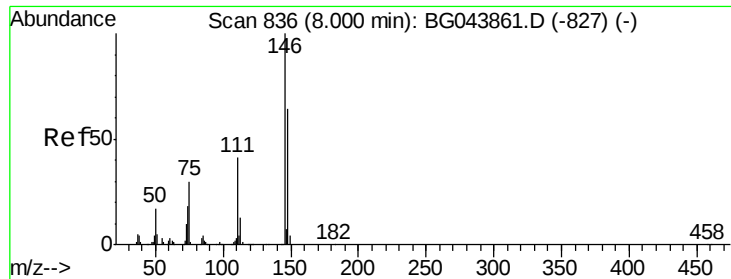
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#12
1,3-Dichlorobenzene
Concen: 43.190 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292756		
148	62.8		52.1	78.1
75	29.0		23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 43.881 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

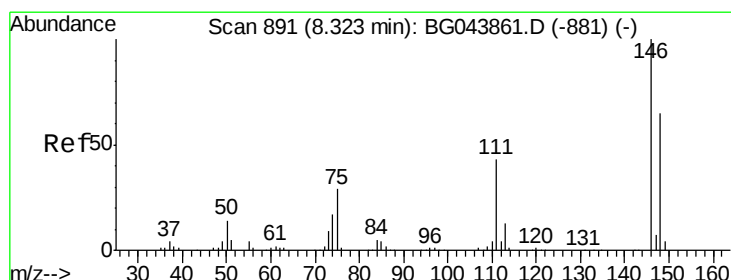
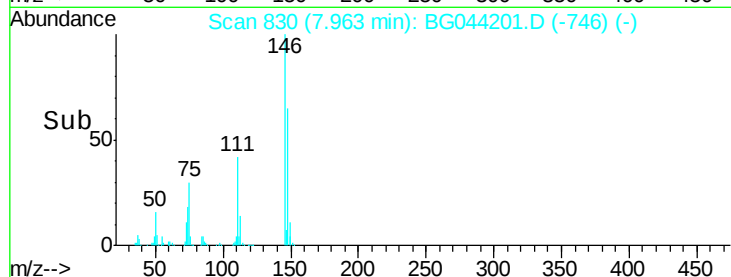
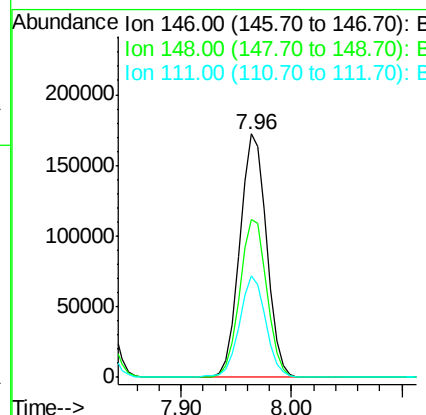
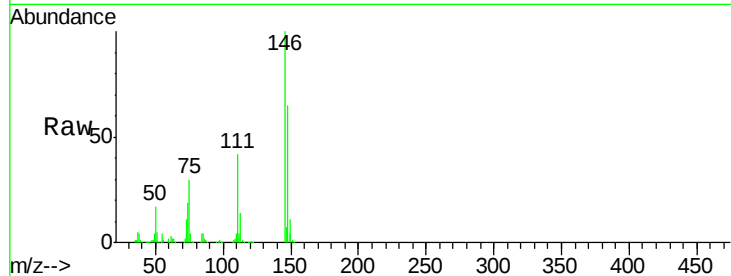
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	146	Resp:	293479
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
111	41.7	33.1	49.7

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#14

1,2-Dichlorobenzene

Concen: 43.626 ng

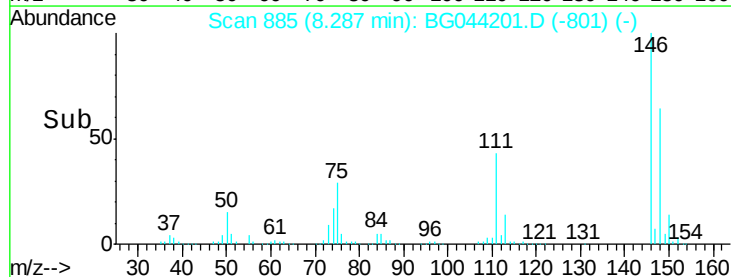
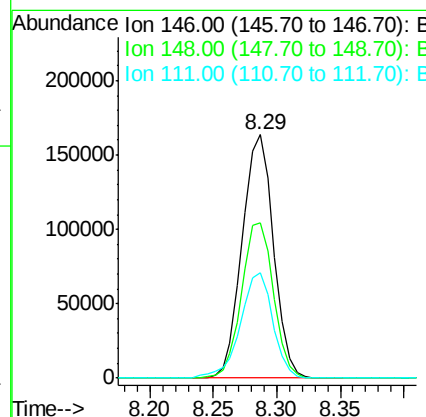
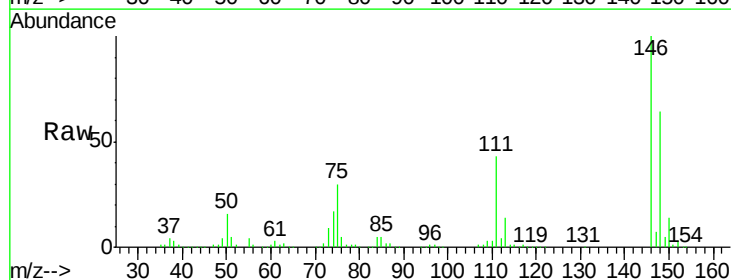
RT: 8.29 min Scan# 885

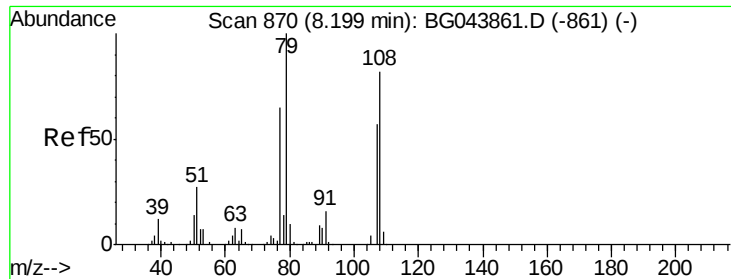
Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	146	Resp:	280056
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 47.577 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

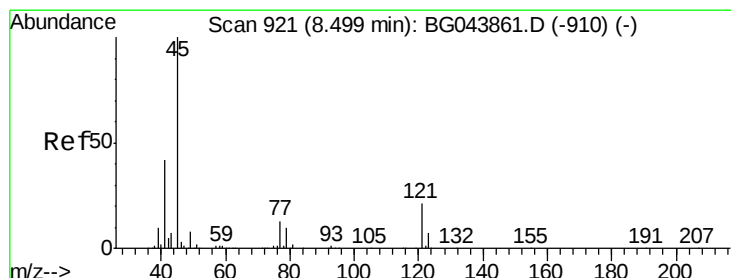
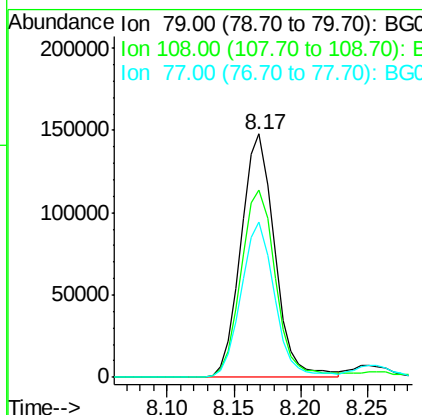
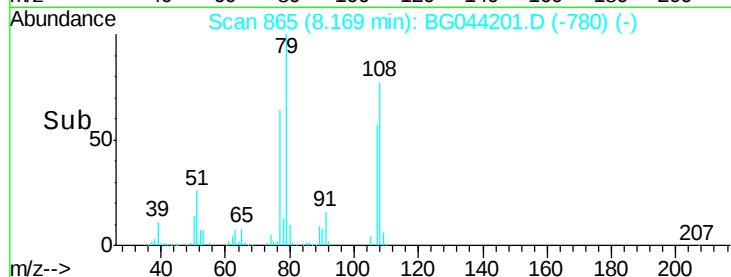
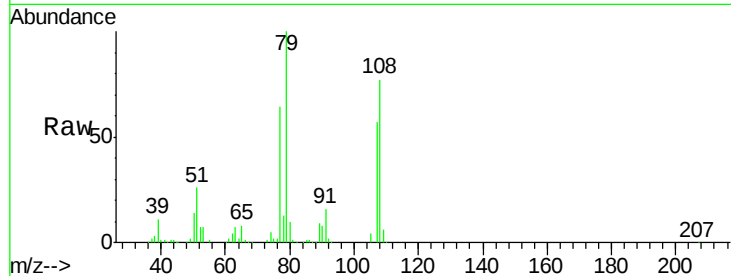
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	79	Resp:	258970
Ion Ratio	Lower	Upper	
79	100		
108	76.9	65.6	98.4
77	63.6	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.953 ng

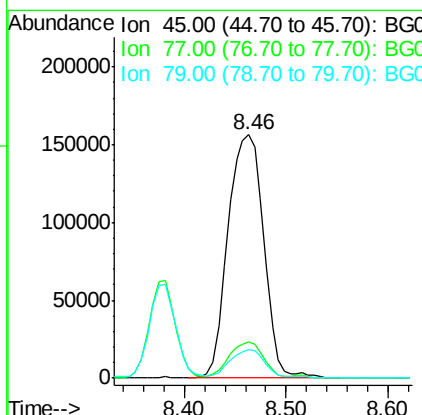
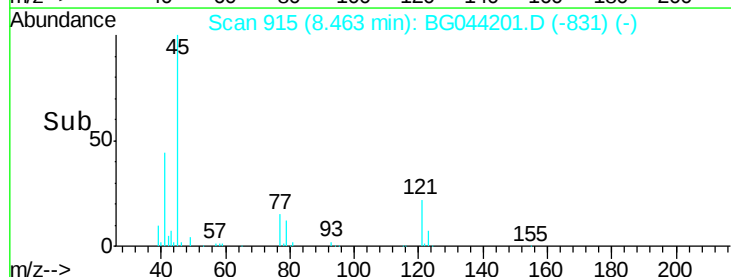
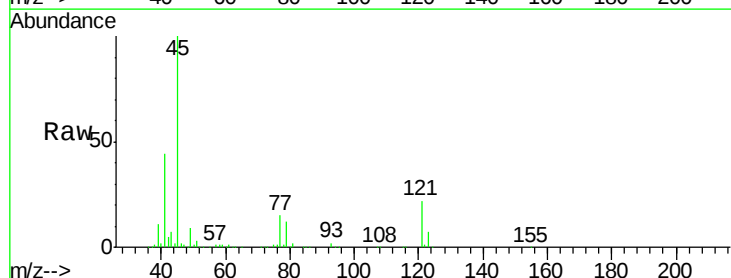
RT: 8.46 min Scan# 915

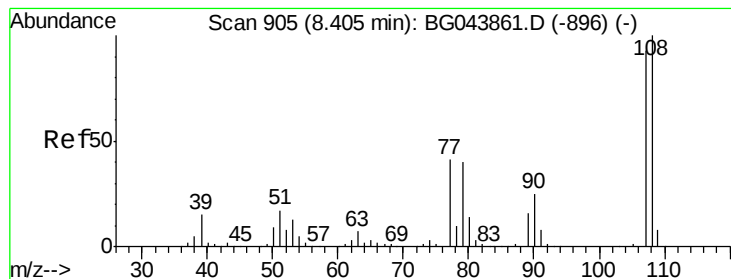
Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	45	Resp:	379146
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	33.8
79	11.6	0.0	31.0





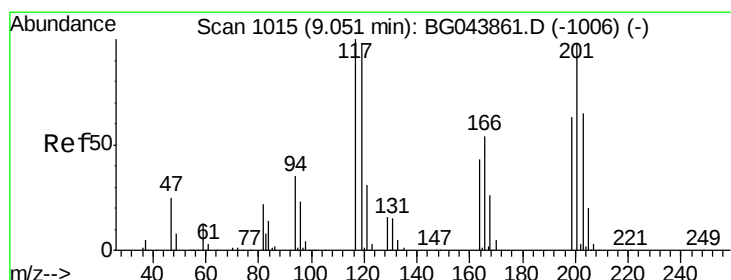
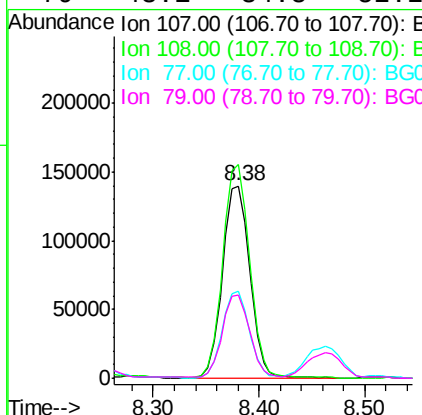
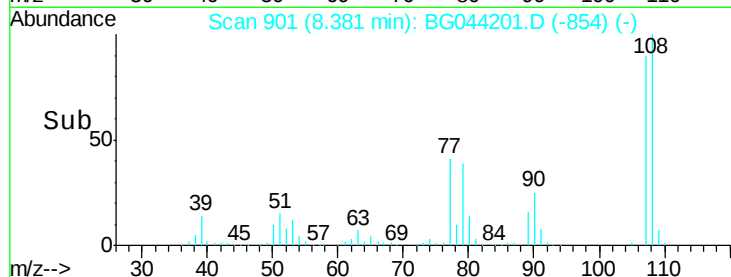
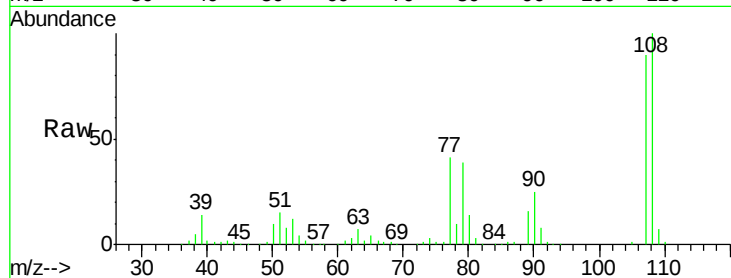
#17
2-Methylphenol
Concen: 48.779 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	107	Resp	250836
Ion Ratio	Lower	Upper	
107	100		
108	111.0	86.1	129.1
77	45.0	35.4	53.0
79	43.1	34.8	52.2

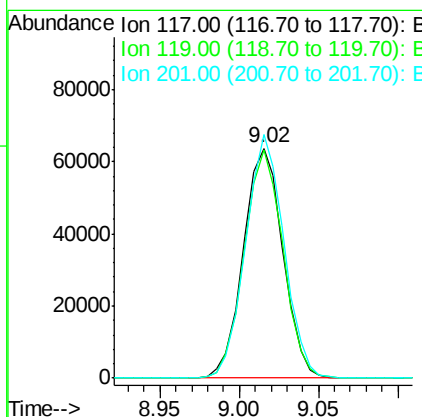
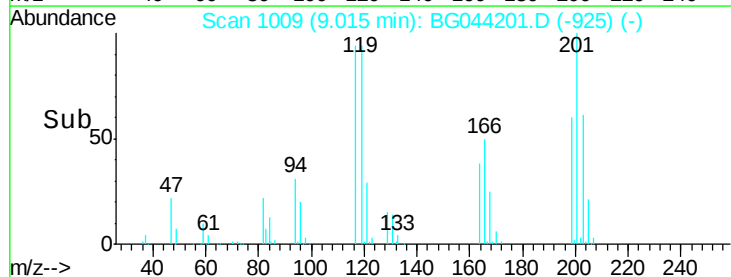
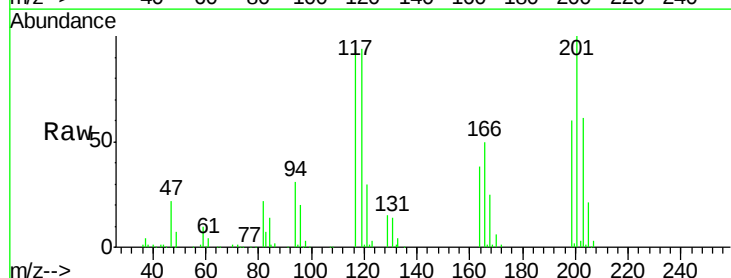
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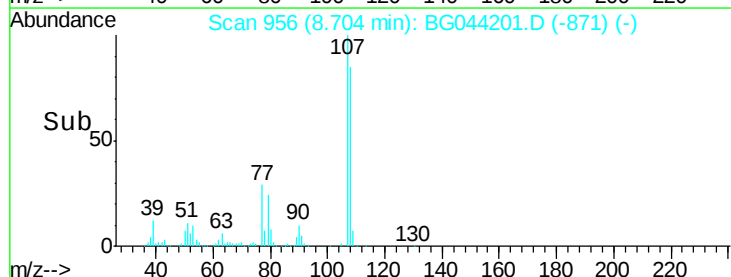
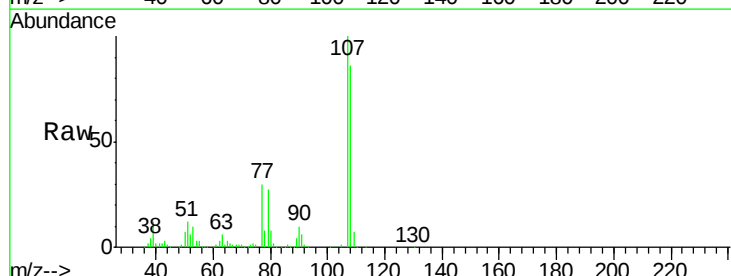
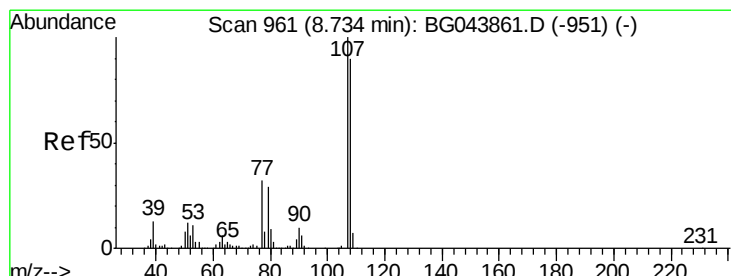
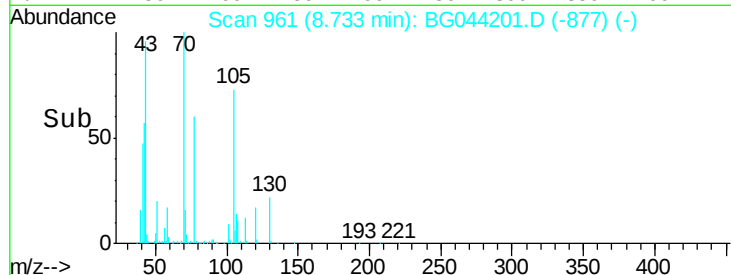
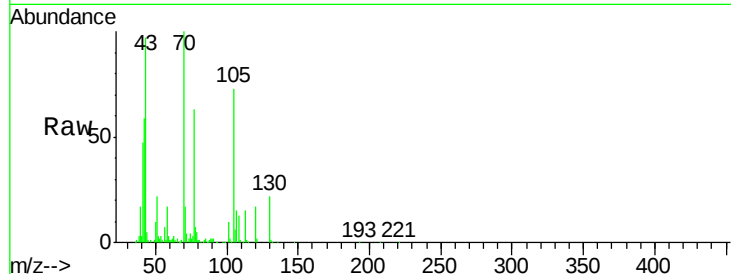
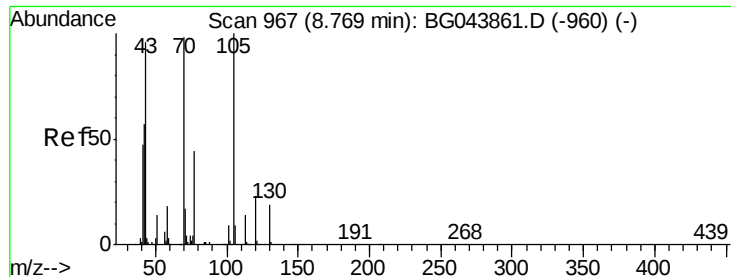
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#18
Hexachloroethane
Concen: 42.347 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

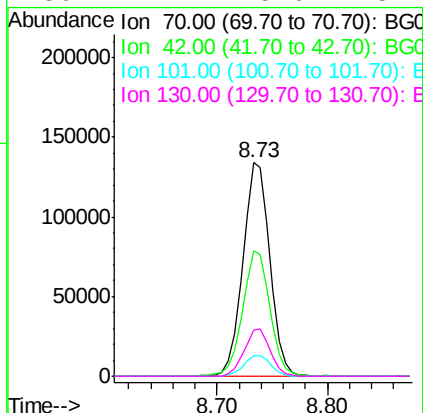
Tgt Ion	117	Resp	110204
Ion Ratio	Lower	Upper	
117	100		
119	99.5	78.1	117.1
201	106.0	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.707 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.0	47.0	70.4	
101	9.6	7.2	10.8	
130	21.7	15.6	23.4	



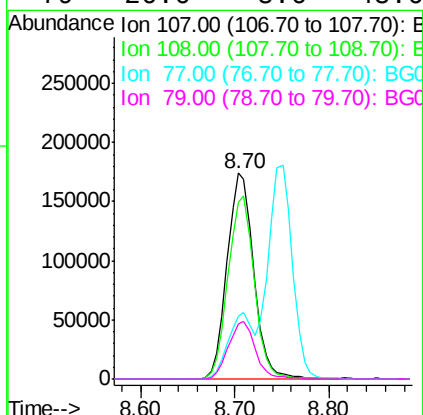
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

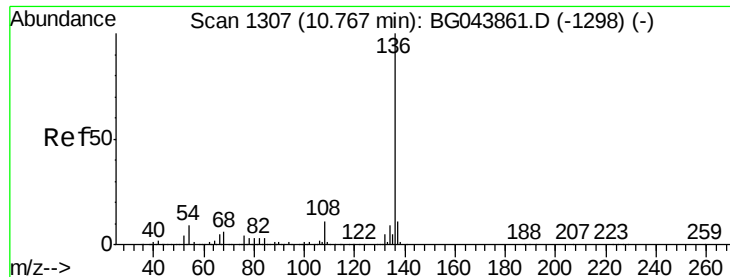
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#20
3+4-Methylphenols
Concen: 47.726 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	70.3	110.3	
77	30.5	12.4	52.4	
79	26.6	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

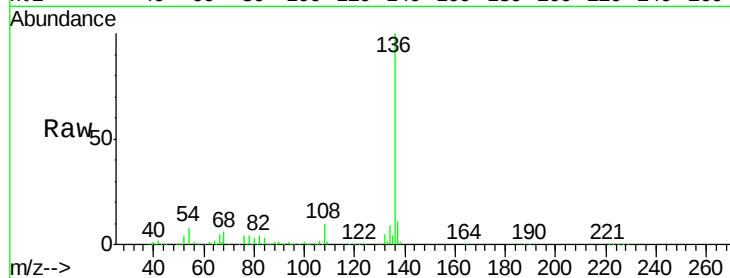
ClientSampleId :

JC-03-012320-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		390893		
137	11.1		8.8	13.2	
54	7.7		7.0	10.4	
68	6.2		4.9	7.3	

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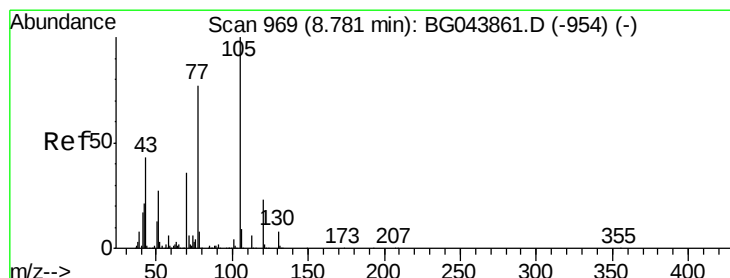
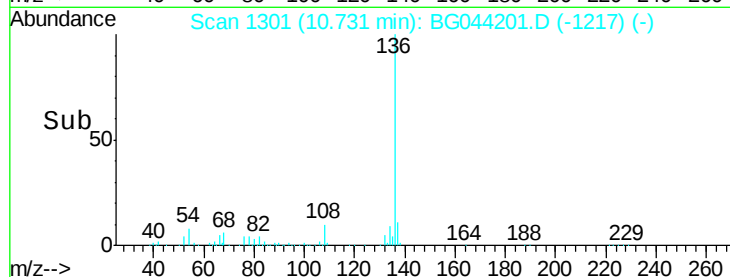
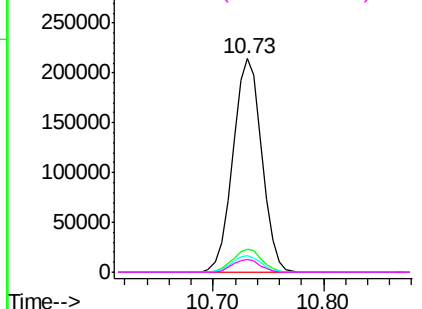
Abundance

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: 43.146 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		419294		
71	3.3		4.8	7.2#	
51	25.3		21.4	32.0	
120	23.5		18.6	28.0	

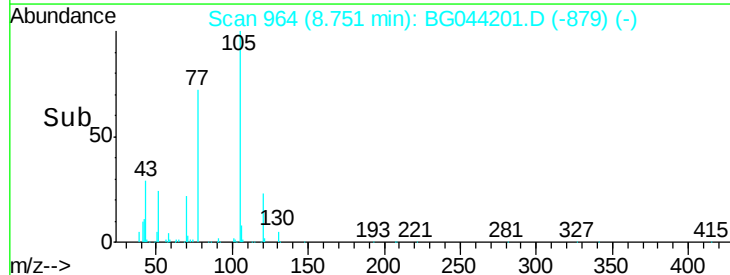
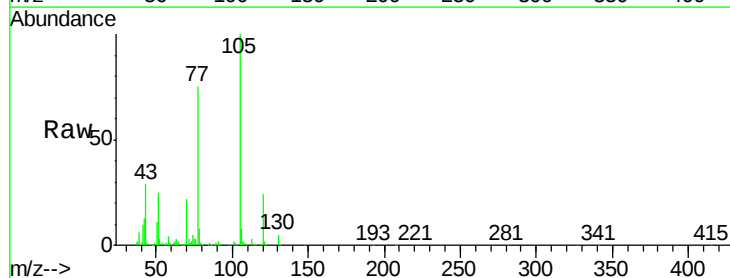
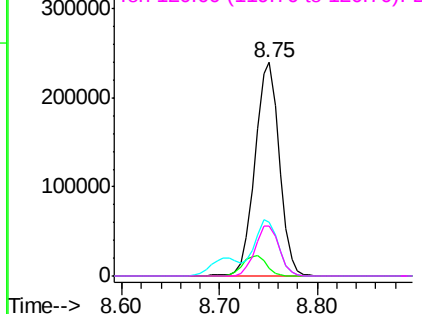
Abundance

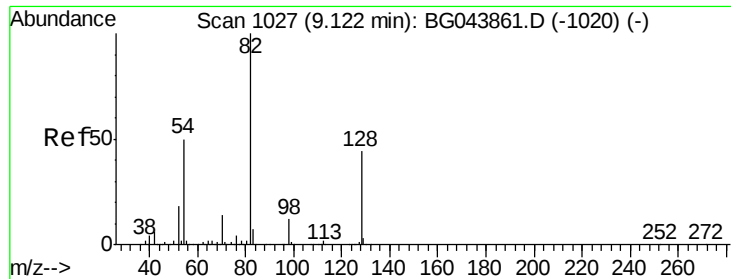
Ion 105.00 (104.70 to 105.70): E

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





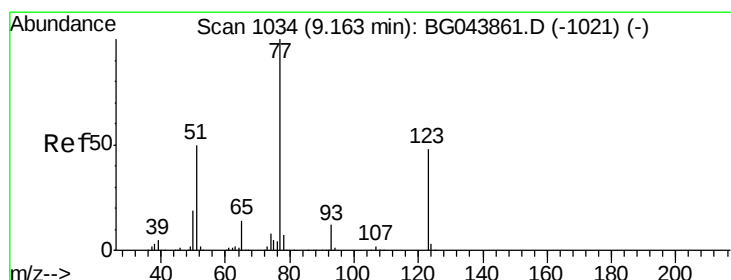
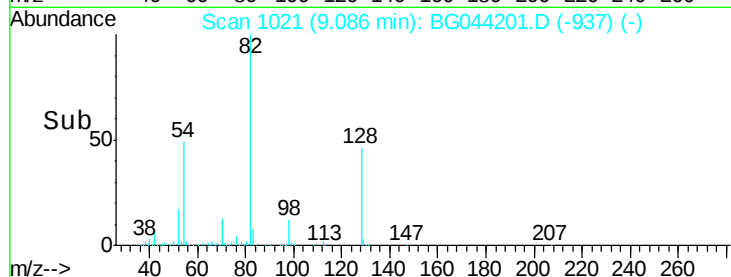
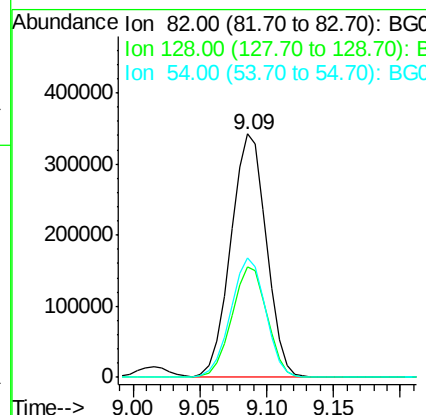
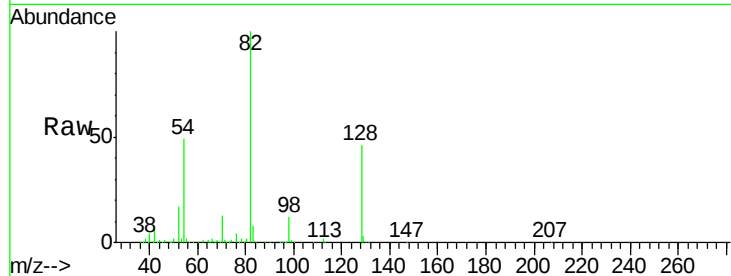
#23
Nitrobenzene-d5
Concen: 86.860 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	49.0	40.1	60.1

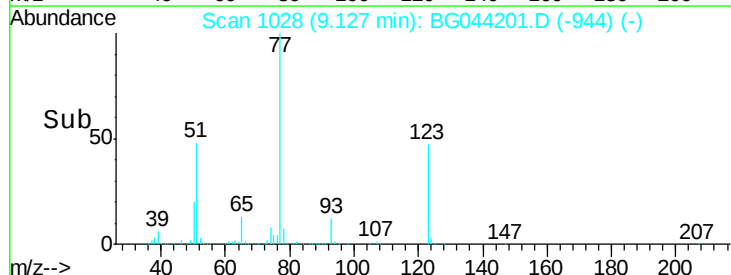
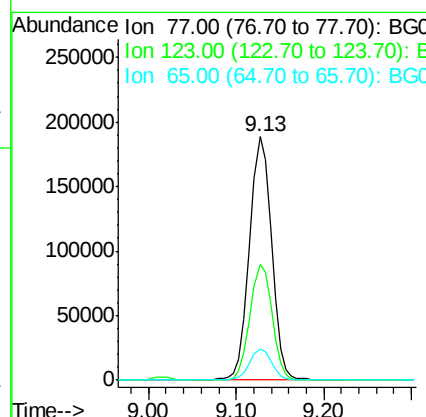
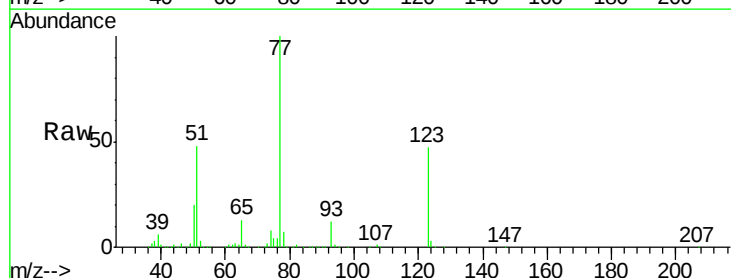
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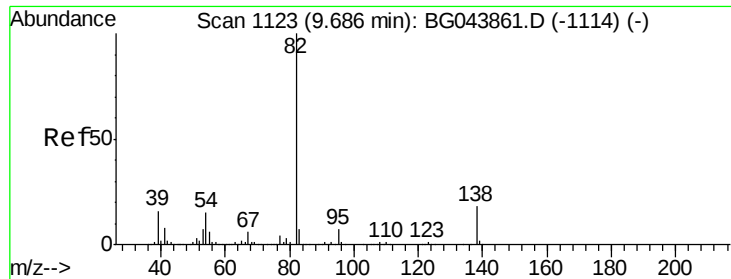
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#24
Nitrobenzene
Concen: 44.432 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	38.7	58.1
65	12.8	11.1	16.7





#25

Isophorone

Concen: 45.727 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

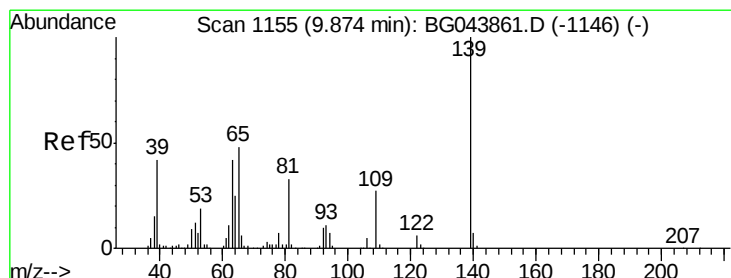
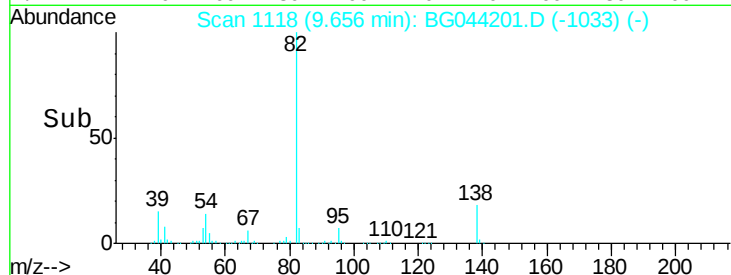
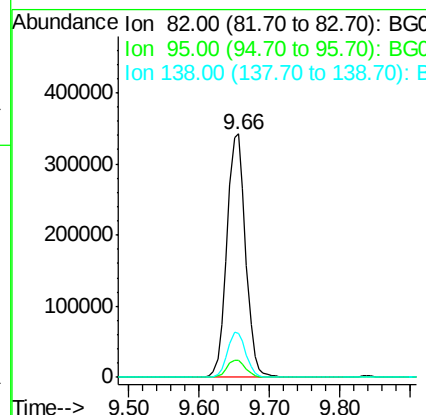
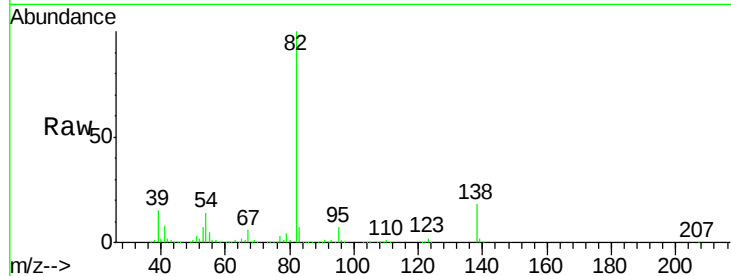
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	82	Resp:	626857
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.8	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.783 ng

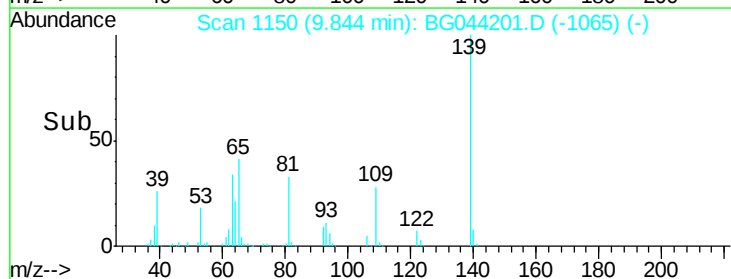
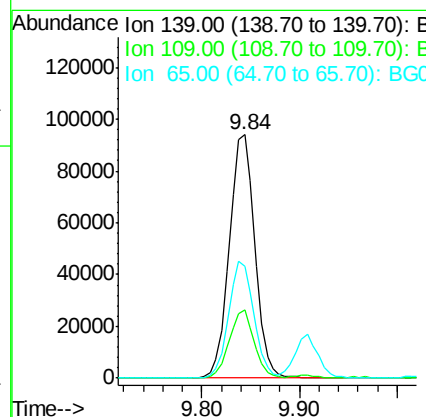
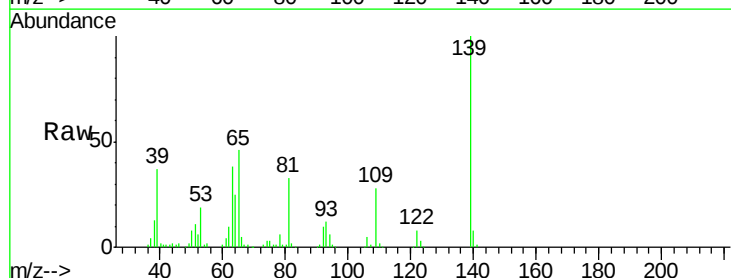
RT: 9.84 min Scan# 1150

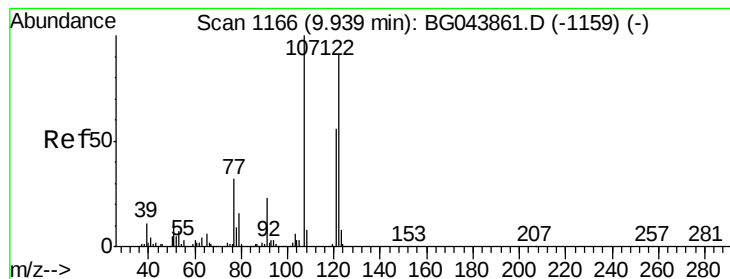
Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	139	Resp:	170455
Ion Ratio	Lower	Upper	
139	100		
109	28.1	21.3	31.9
65	45.9	38.6	57.8





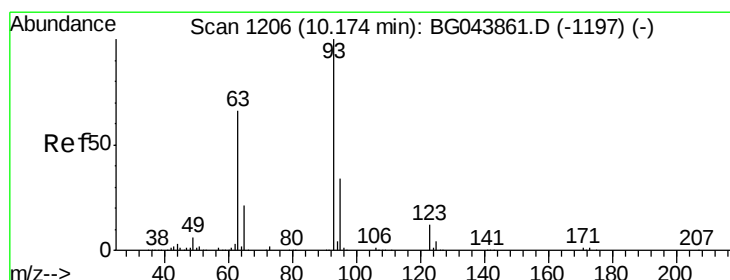
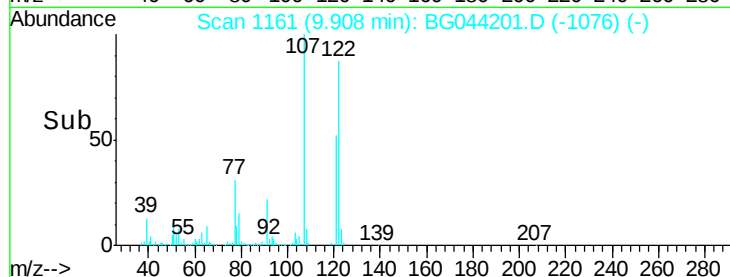
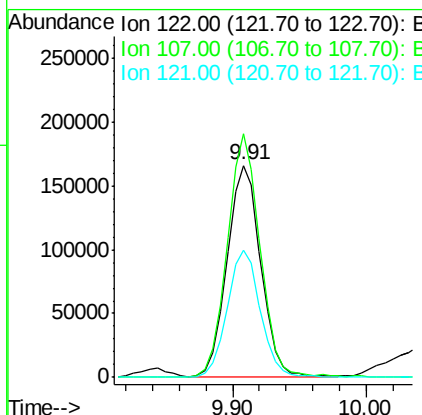
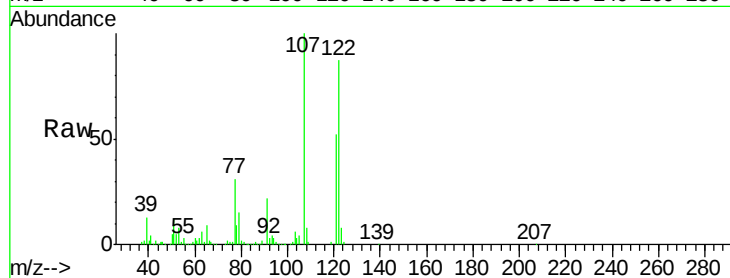
#27
 2,4-Dimethylphenol
 Concen: 56.178 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289546		
107	114.8		88.0	132.0
121	60.1		49.0	73.4

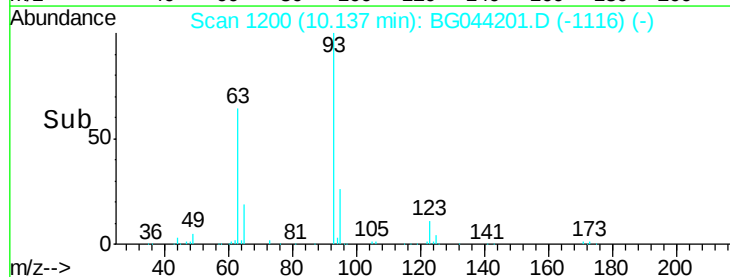
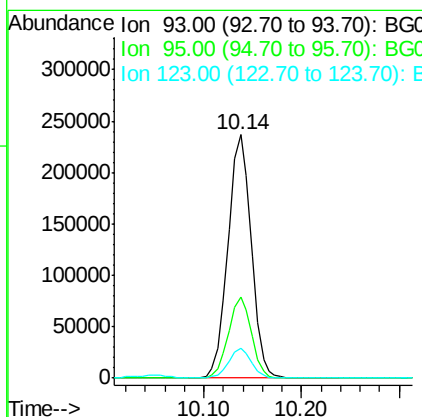
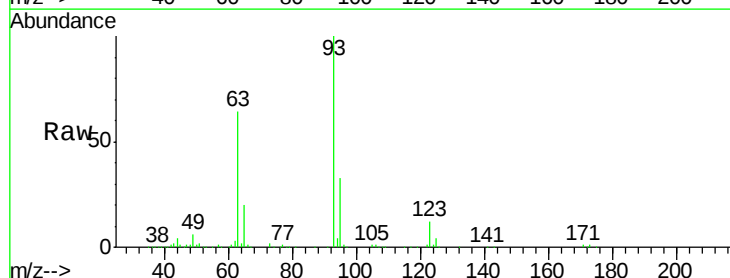
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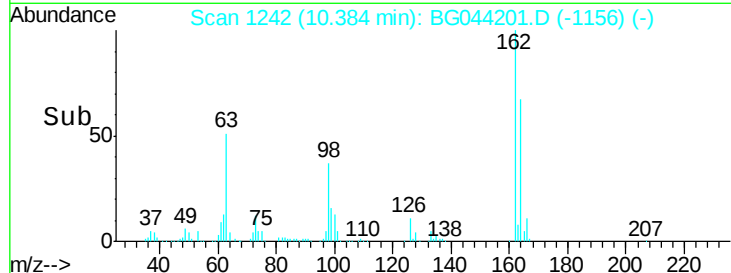
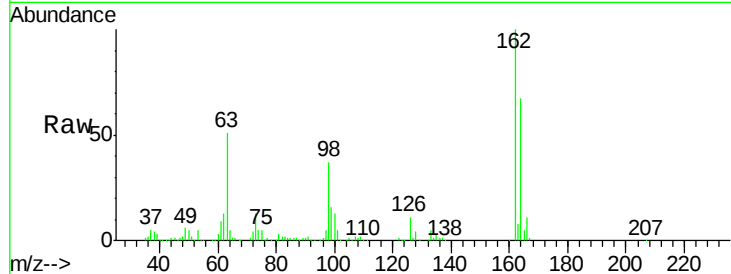
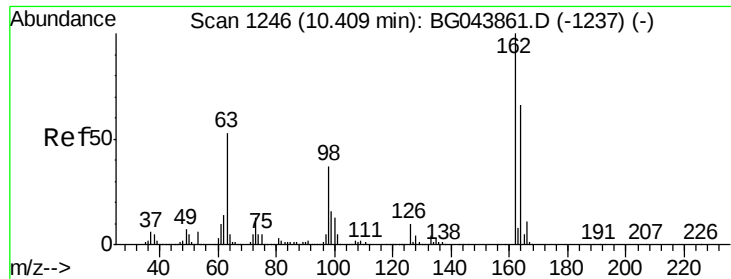
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.918 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	392239		
95	33.5		27.2	40.8
123	12.2		9.7	14.5





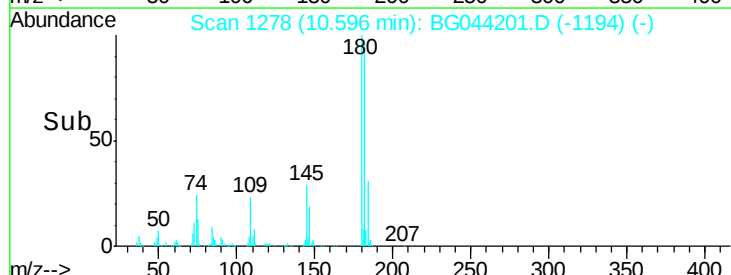
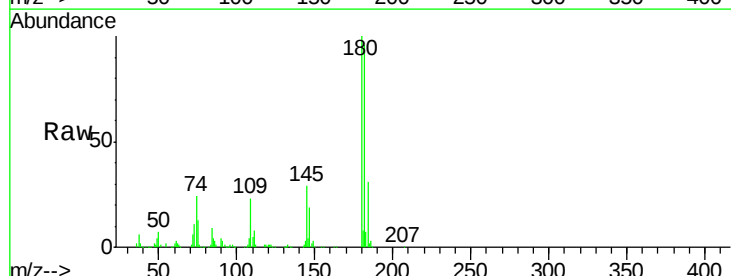
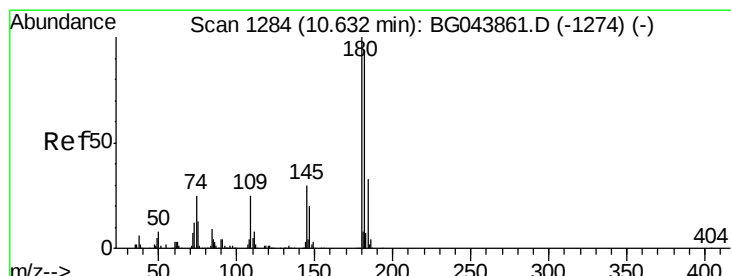
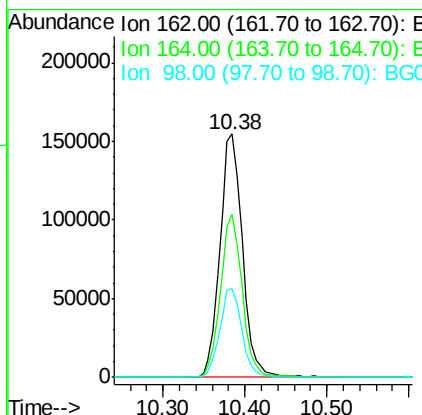
#29
2,4-Dichlorophenol
Concen: 48.347 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297233		
164	66.7	46.3	86.3	
98	36.6	17.3	57.3	

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

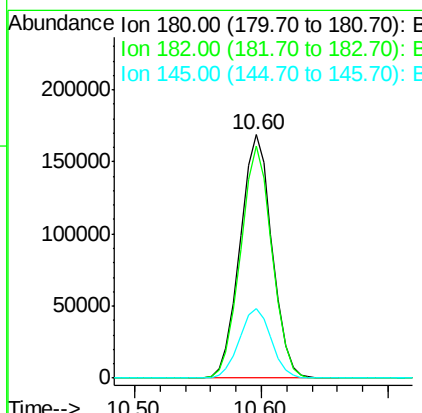
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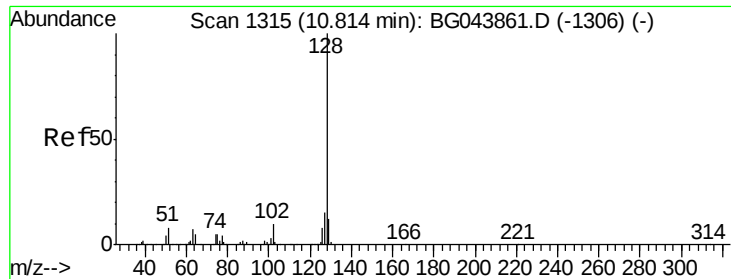
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#30
1,2,4-Trichlorobenzene
Concen: 42.651 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294006		
182	95.5	75.0	112.4	
145	28.7	24.2	36.4	





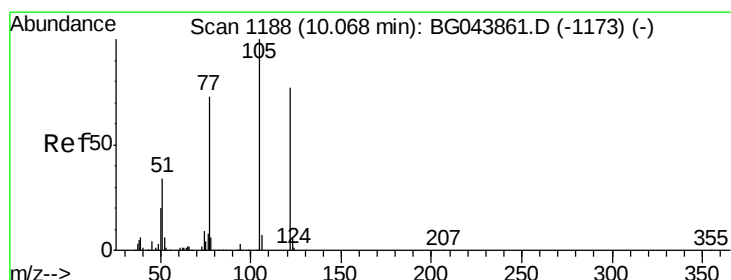
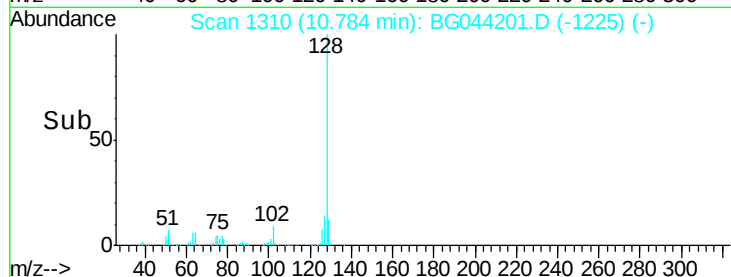
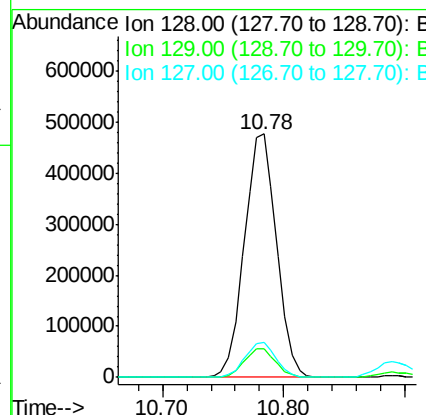
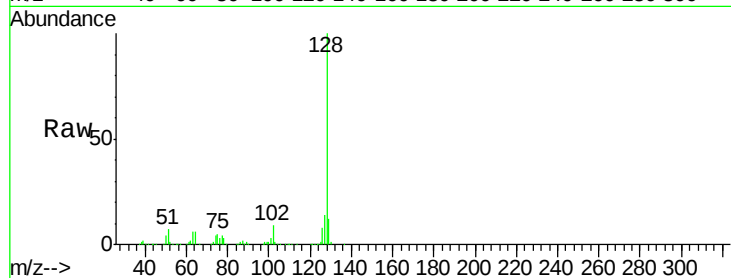
#31
Naphthalene
Concen: 46.610 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.2	12.0	18.0

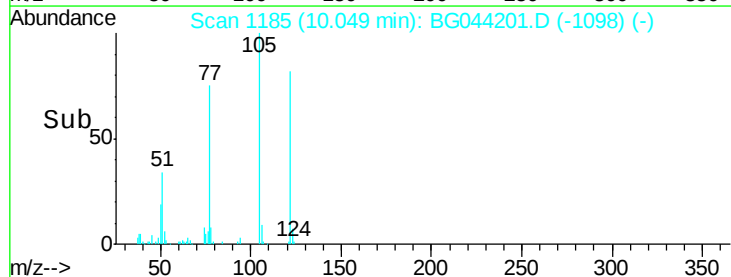
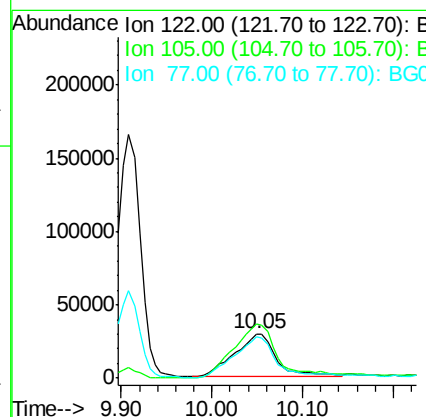
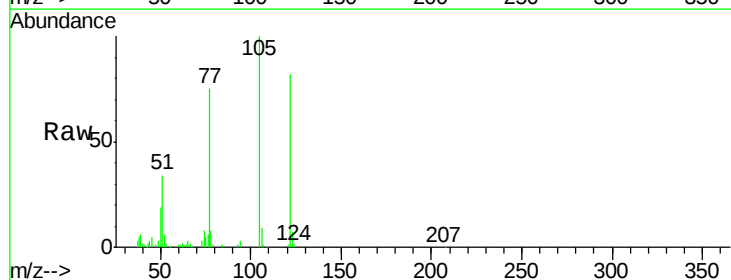
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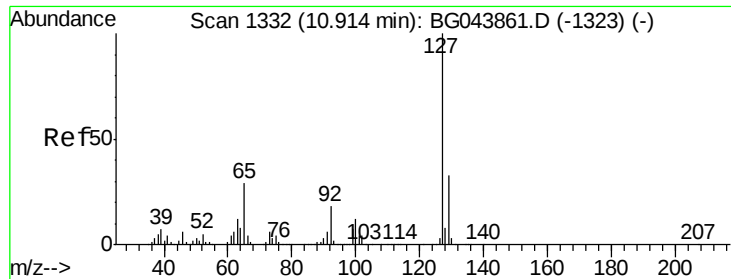
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#32
Benzoic acid
Concen: 25.692 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.4	146.4
77	91.9	74.6	114.6





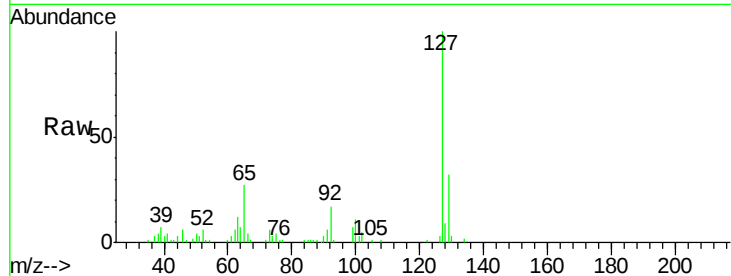
#33
4-Chloroaniline
Concen: 7.647 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

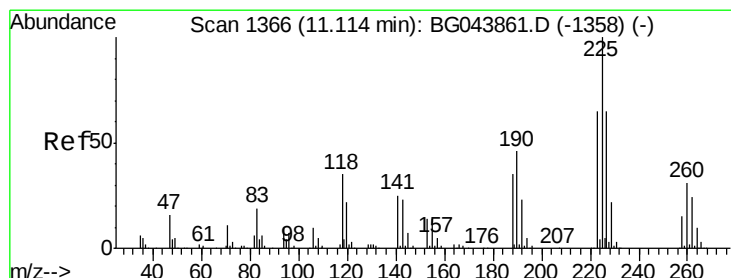
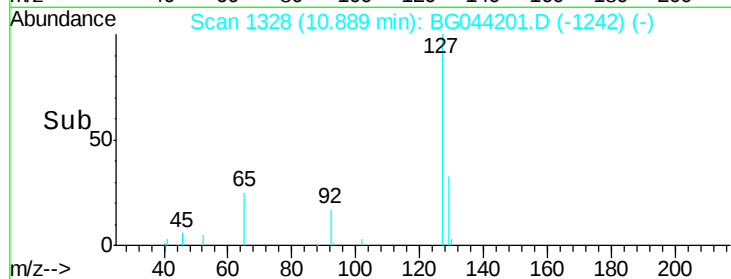
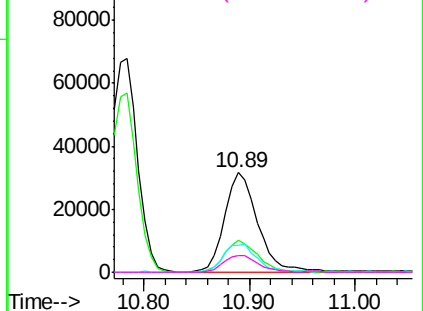
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		68993		
129	32.3	26.6	40.0		
65	26.8	23.3	34.9		
92	16.9	14.7	22.1		

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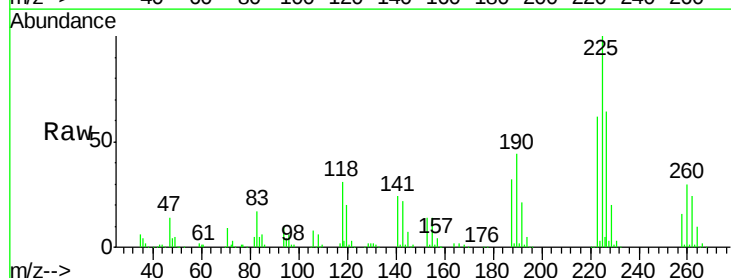


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

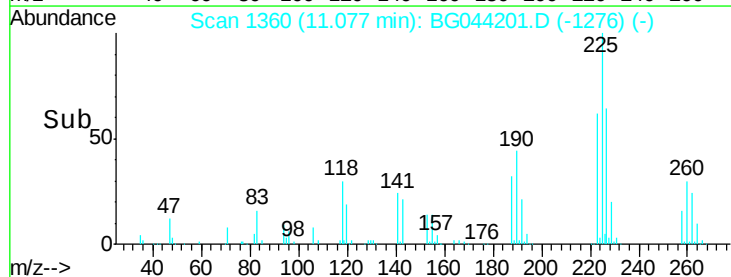
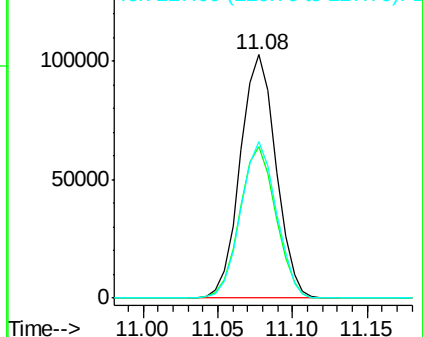


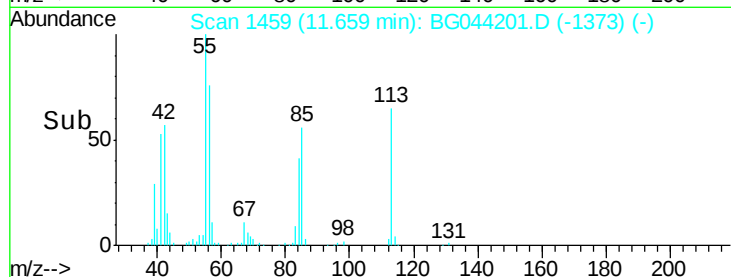
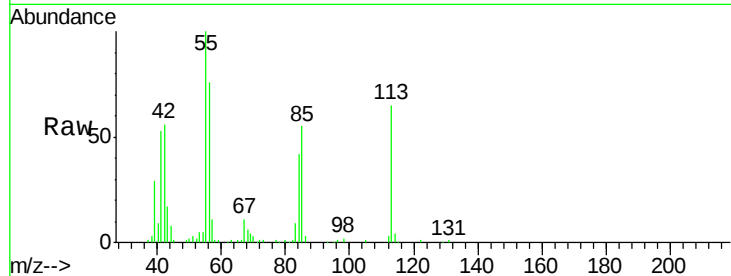
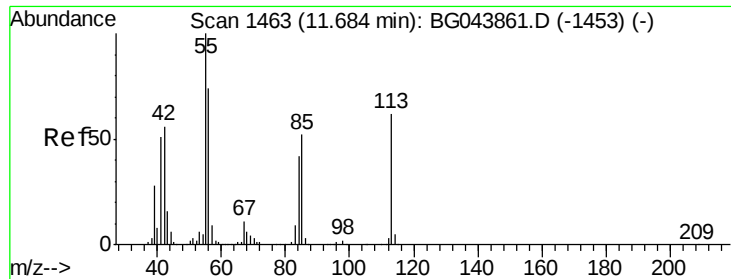
#34
Hexachlorobutadiene
Concen: 40.529 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		170578		
223	62.0	52.2	78.4		
227	64.5	52.1	78.1		



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: 36.308 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tot Ion: 113 Resp: 83097

Ion Ratio Lower Upper

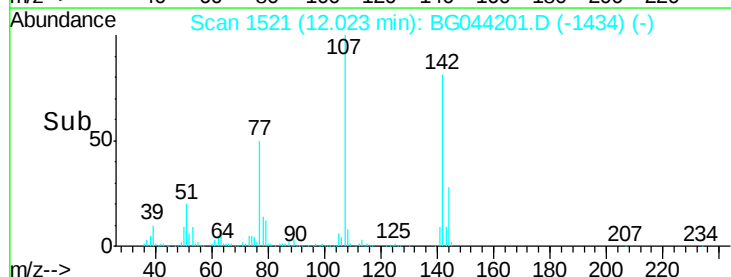
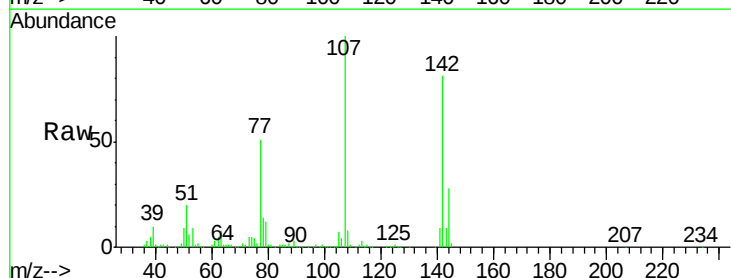
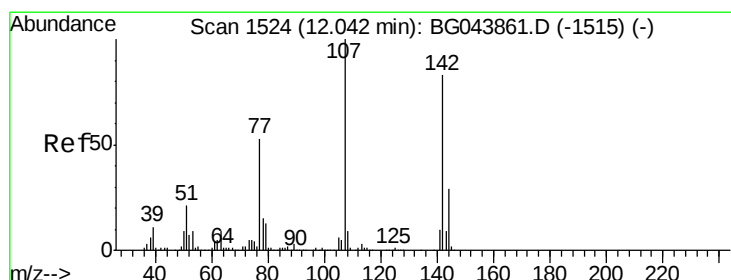
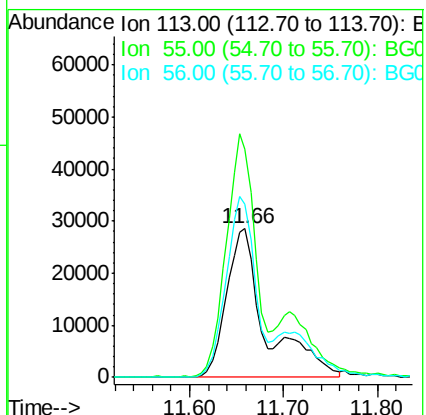
113 100

55 153.6 142.5 182.5

56 116.6 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 49.187 ng/mL

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

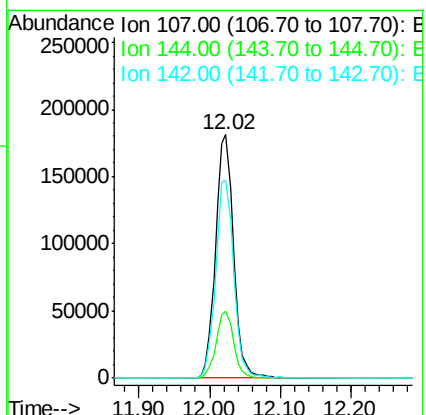
Tgt Ion: 107 Resp: 321916

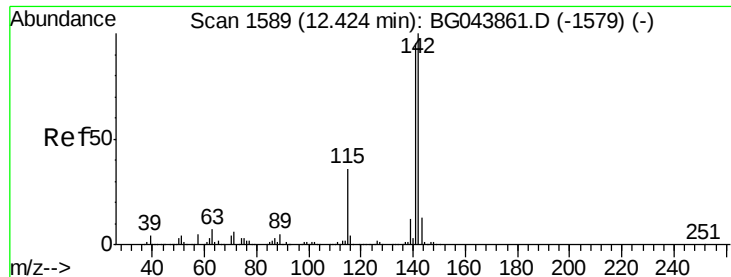
Ion Ratio Lower Upper

107 100

144 27.5 23.4 35.2

142 81.1 66.3 99.5





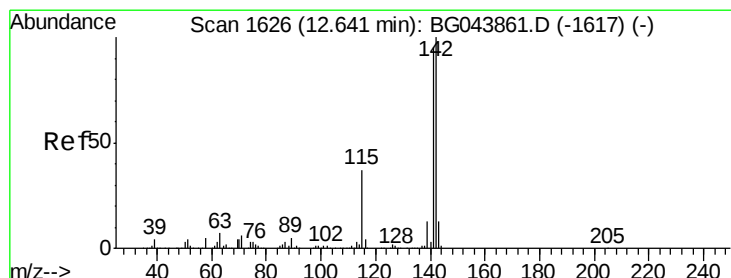
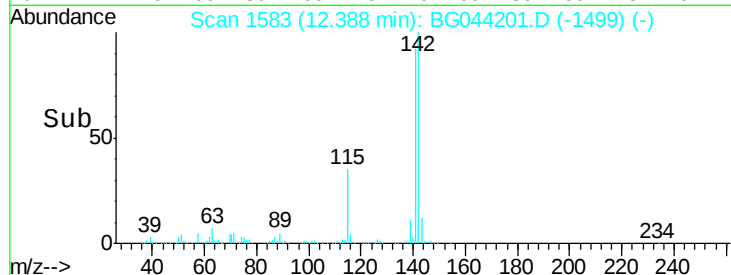
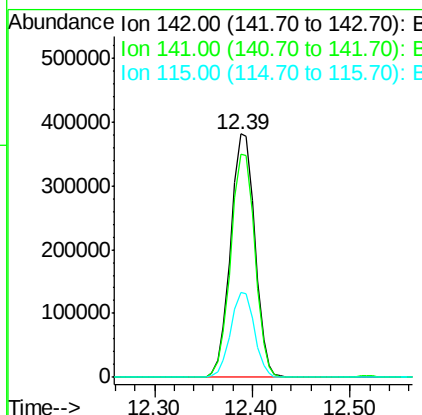
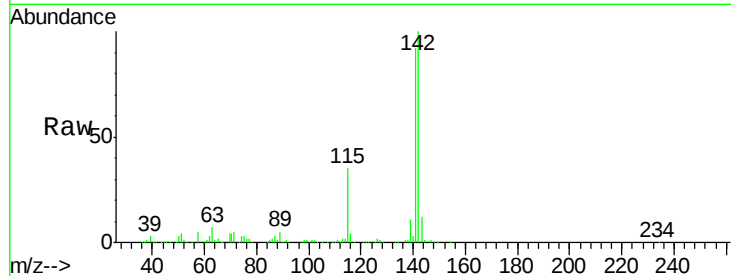
#37
2-Methylnaphthalene
Concen: 46.454 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
115	35.0	28.6	42.8

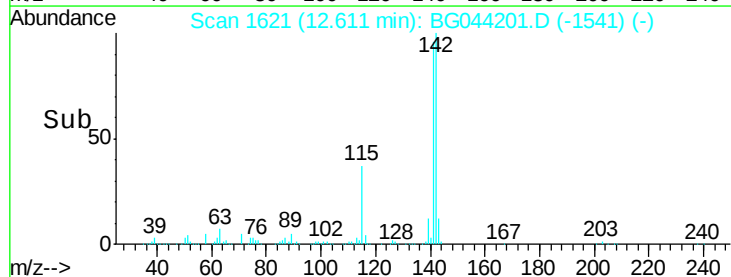
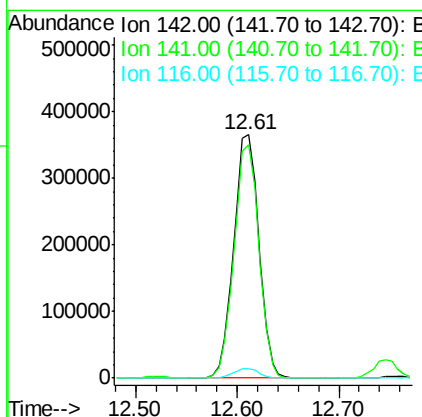
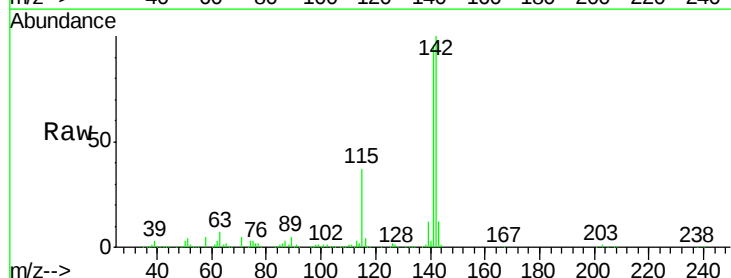
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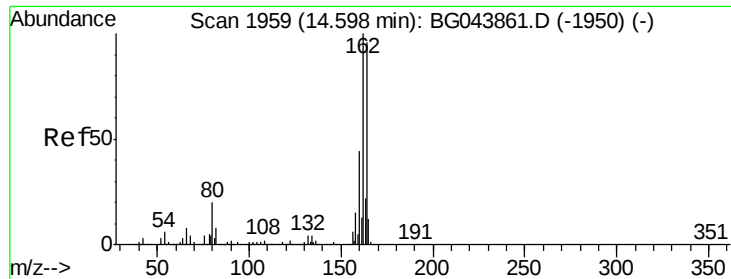
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#38
1-Methylnaphthalene
Concen: 46.757 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	3.9	3.1	4.7





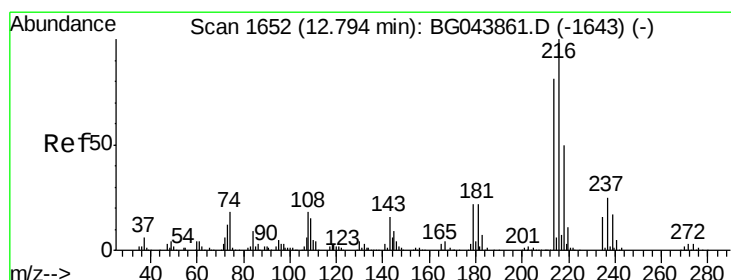
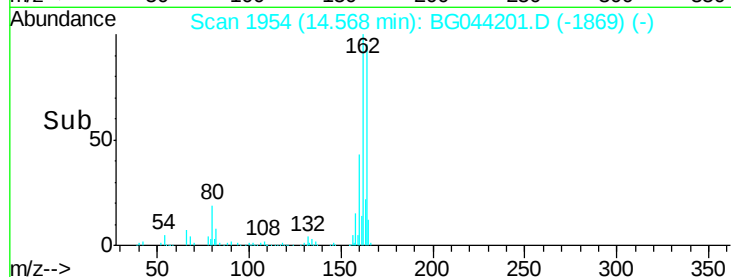
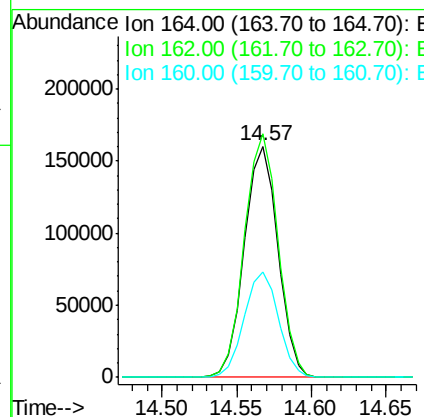
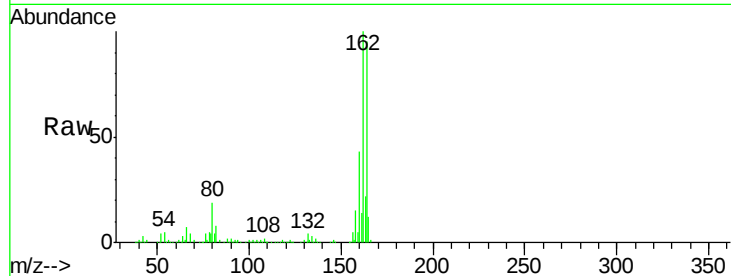
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	250553		
162	105.3	83.0	124.4	
160	45.5	36.1	54.1	

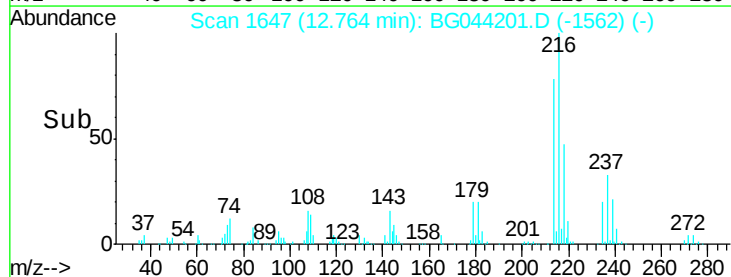
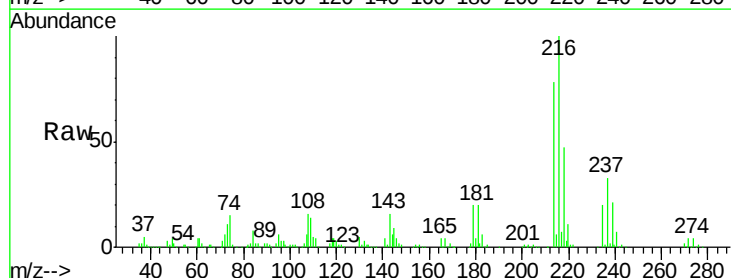
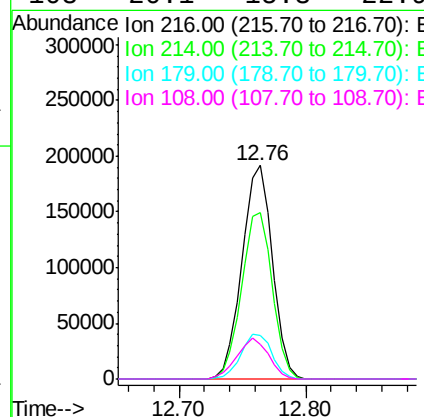
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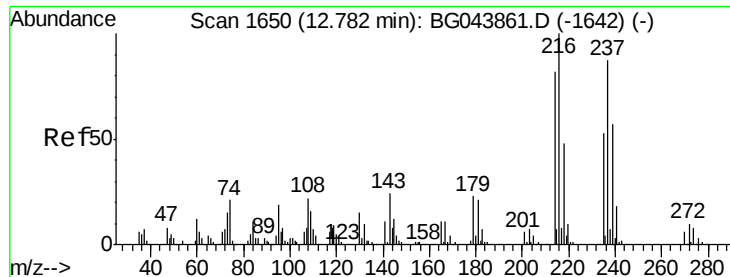
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.434 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	318965		
214	78.5	63.8	95.8	
179	21.5	17.3	25.9	
108	20.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 94.866 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

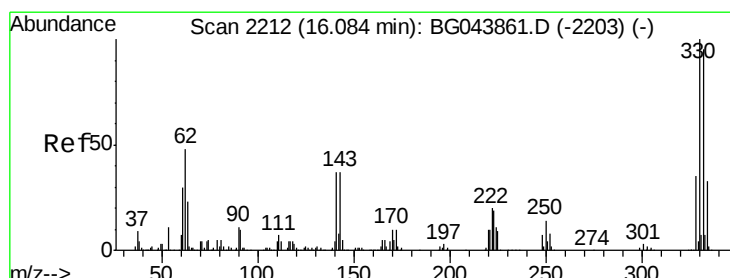
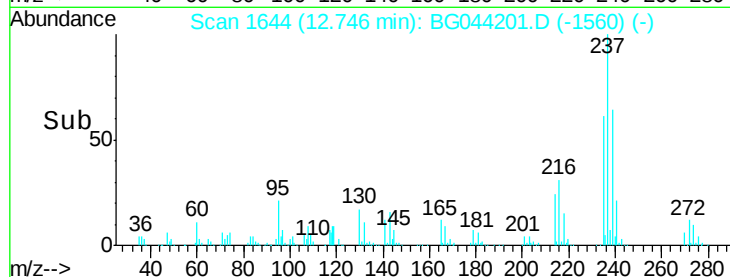
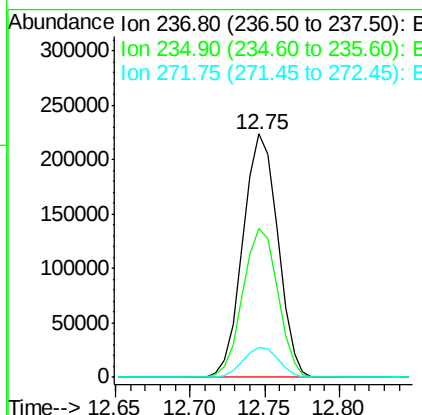
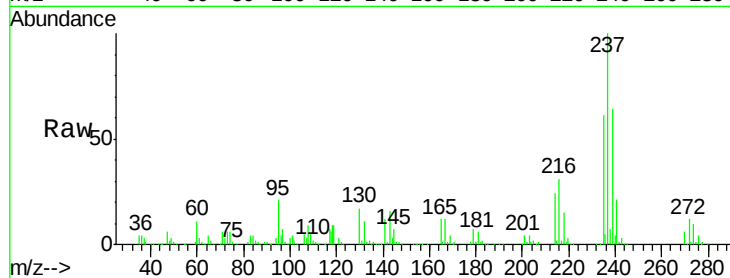
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	237	Resp:	361180
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.1	81.1
272	12.2	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 140.998 ng

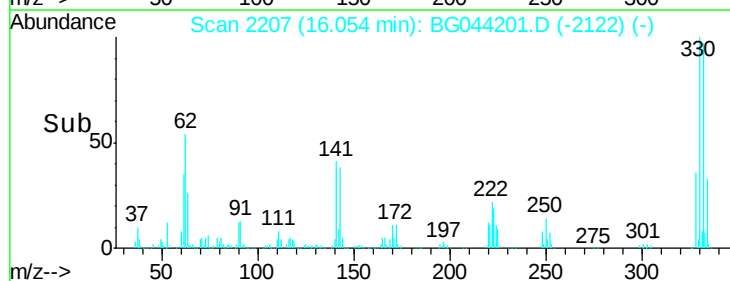
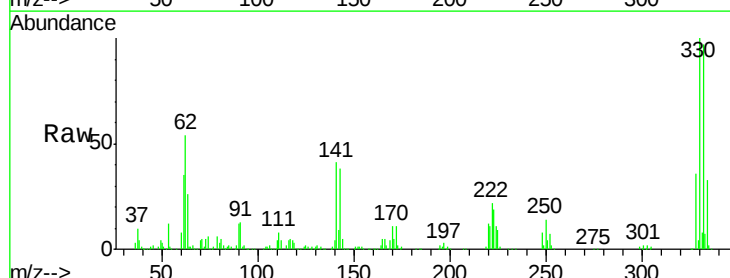
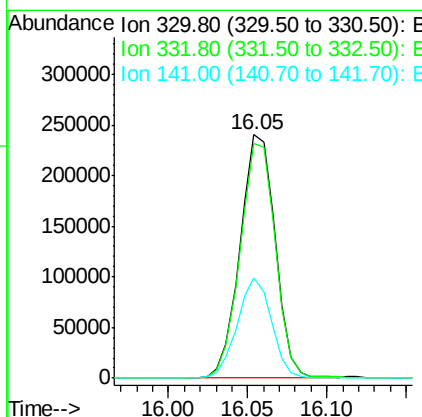
RT: 16.05 min Scan# 2207

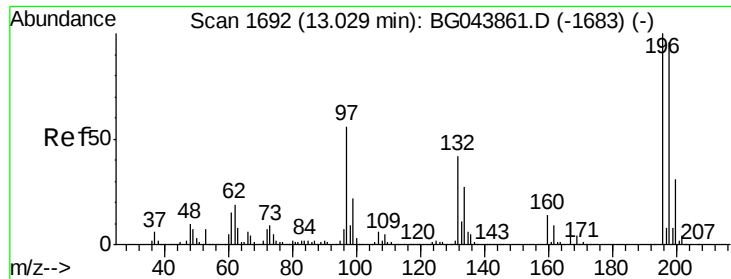
Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	330	Resp:	369695
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.2	115.8
141	40.1	33.1	49.7





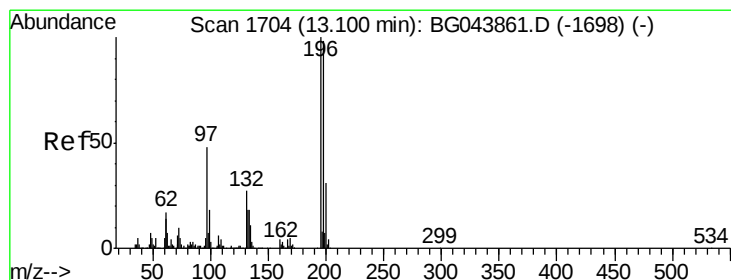
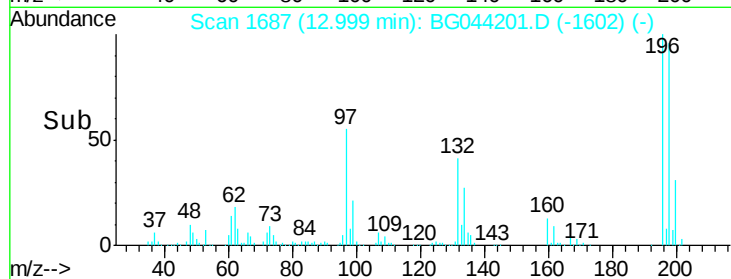
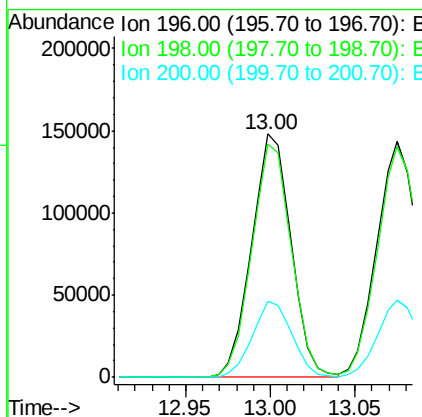
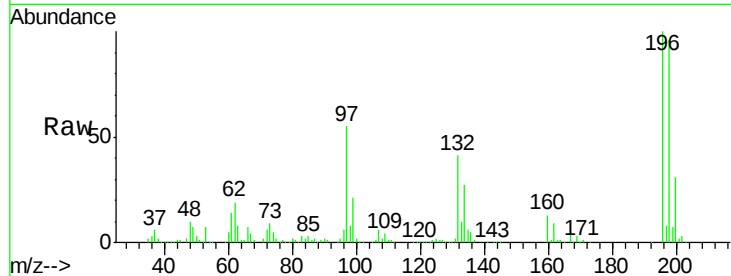
#43
 2,4,6-Trichlorophenol
 Concen: 47.608 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	240567		
198	95.9	76.6	115.0	
200	31.1	24.6	37.0	

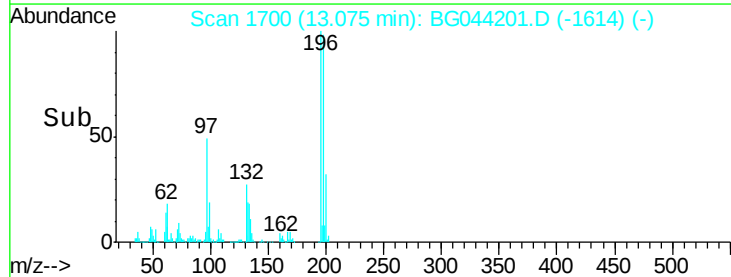
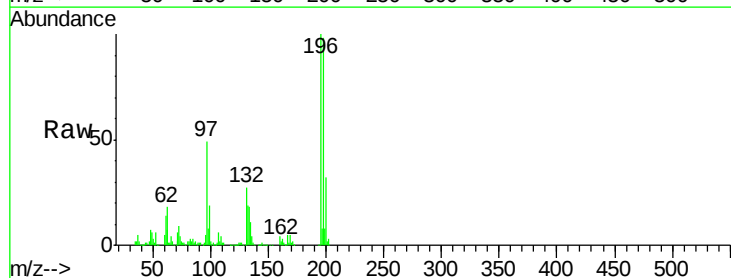
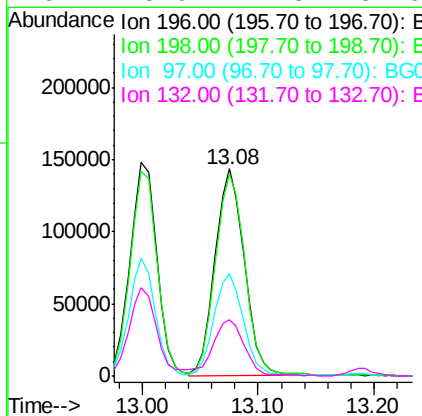
Manual Integrations
 APPROVED

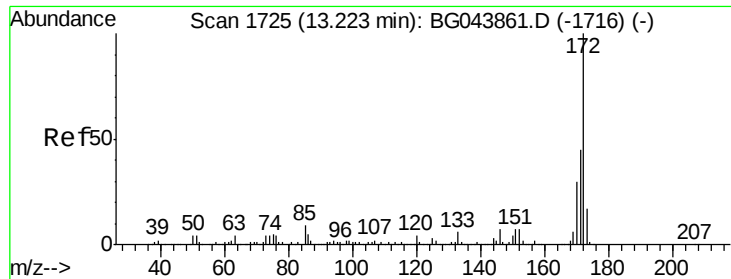
mohammad
 1/28/2020 8:11:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.366 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252066		
198	97.9	78.3	117.5	
97	49.3	38.8	58.2	
132	26.9	21.3	31.9	





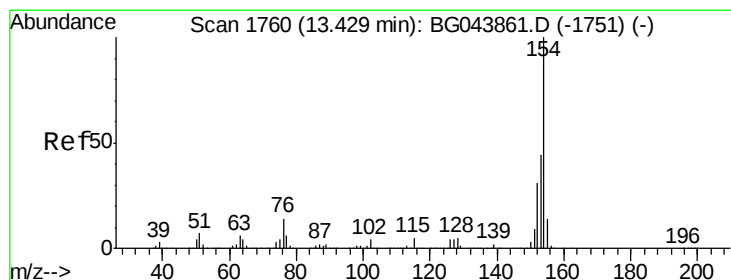
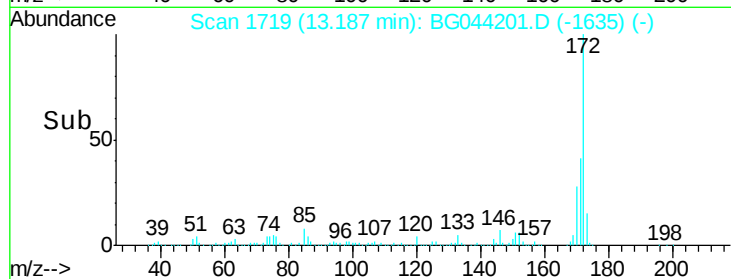
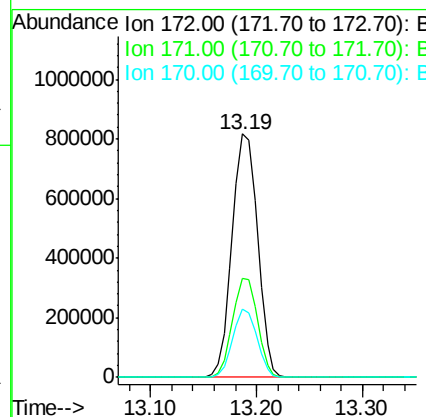
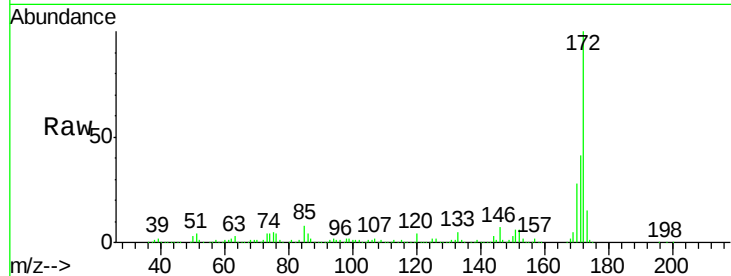
#45
2-Fluorobiphenyl
Concen: 98.806 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.8	53.8
170	28.1	24.2	36.4

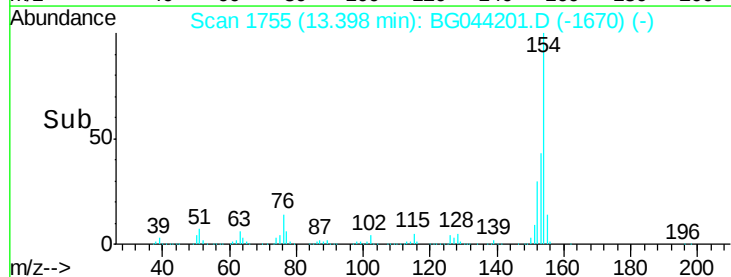
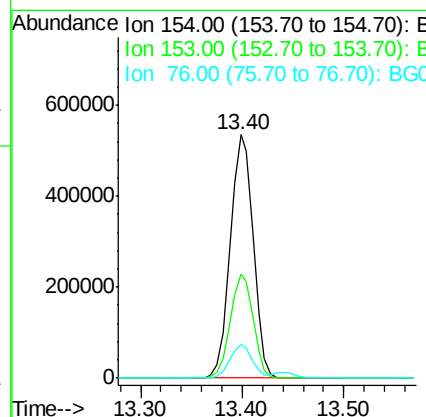
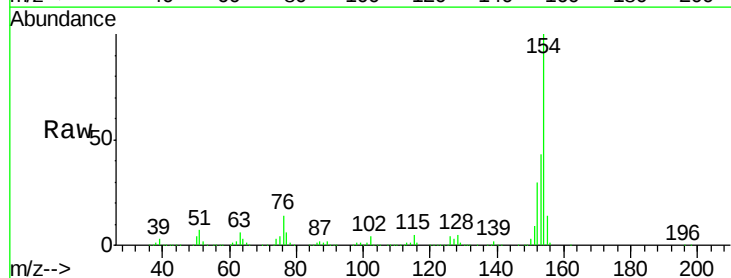
Manual Integrations
APPROVED

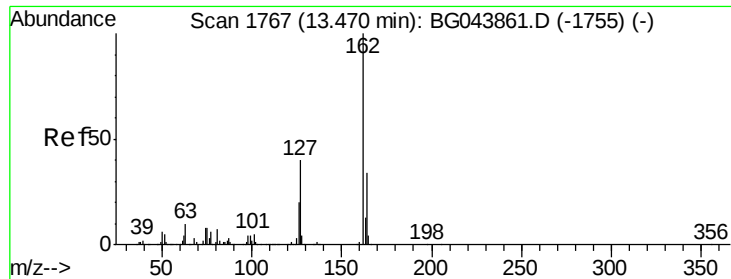
mohammad
1/28/2020 8:11:46 AM



#46
1,1'-Biphenyl
Concen: 46.583 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.6	63.6
76	13.9	0.0	34.4





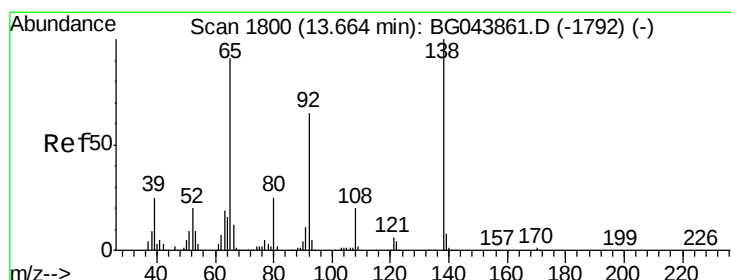
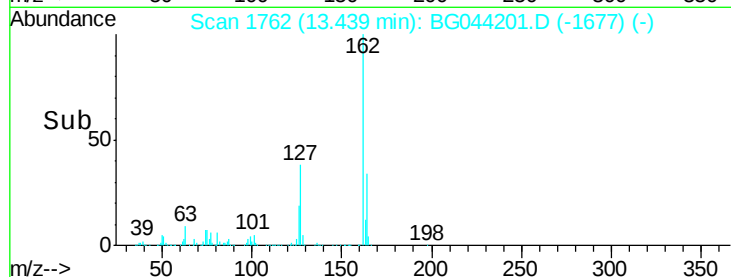
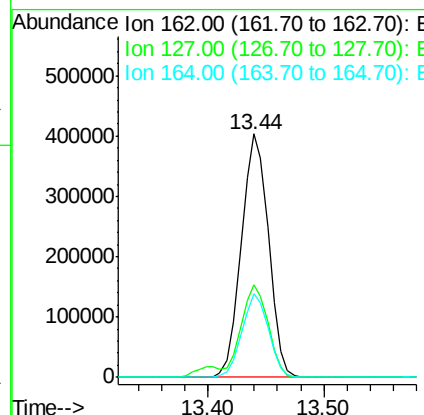
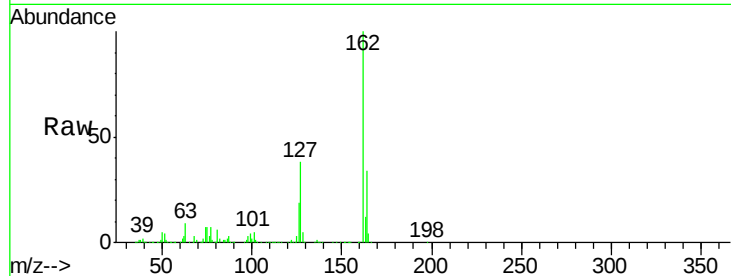
#47
2-Chloronaphthalene
Concen: 45.116 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.3	27.5	41.3

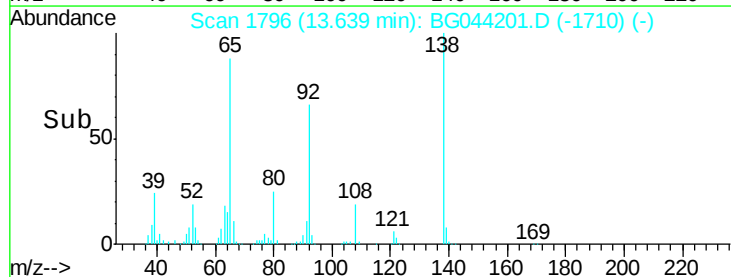
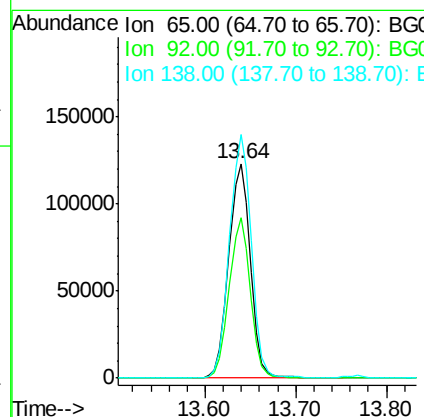
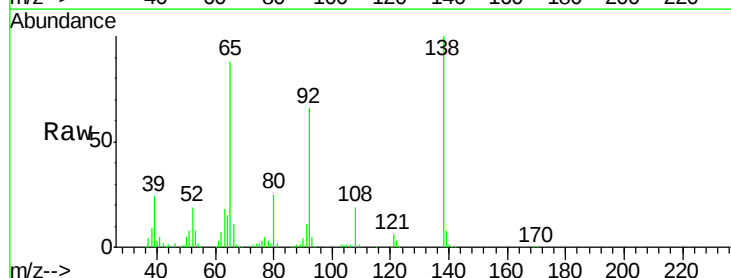
Manual Integrations
APPROVED

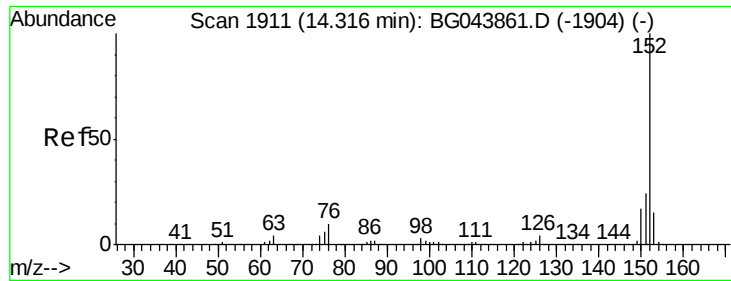
mohammad
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#48
2-Nitroaniline
Concen: 44.024 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.4	86.2
138	113.6	88.2	132.4





#49

Acenaphthylene

Concen: 49.842 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tot Ion:152 Resp: 1039923

Ion Ratio Lower Upper

152 100

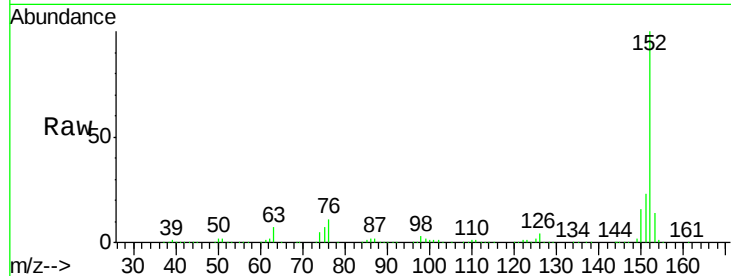
151 23.2 19.4 29.2

153 14.3 12.0 18.0

Manual Integrations
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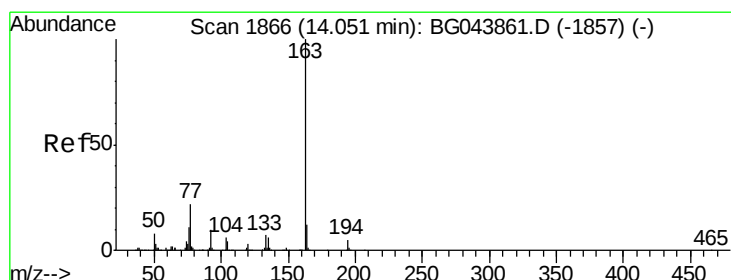
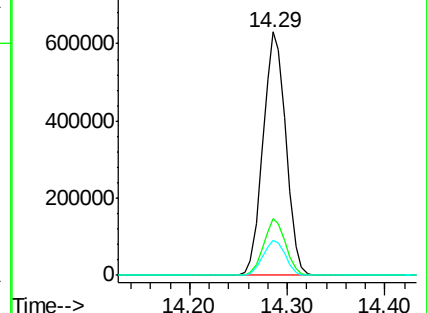
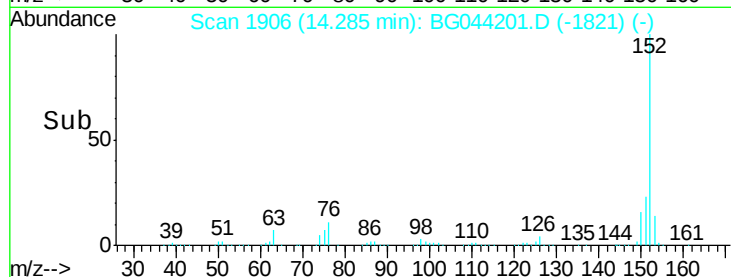
1/28/2020 8:11:46 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.626 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

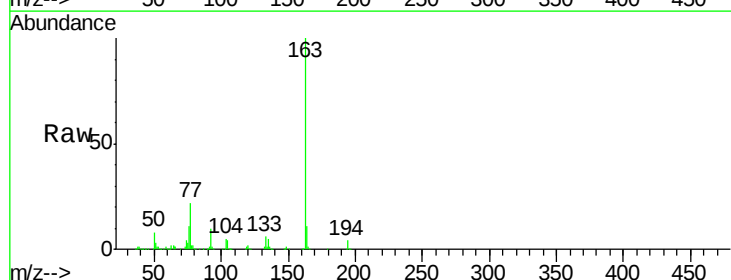
Tgt Ion:163 Resp: 900645

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

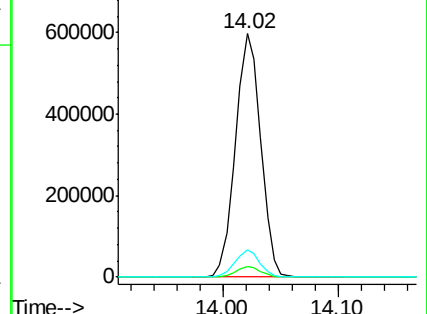
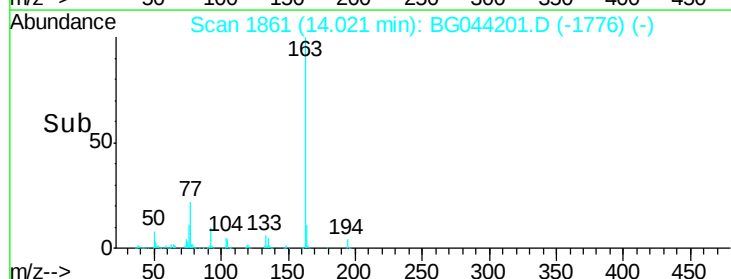
164 11.2 9.3 13.9

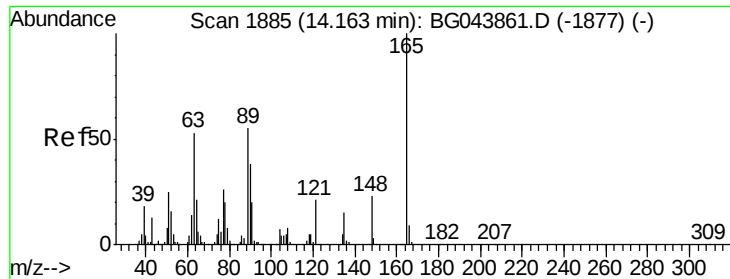


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





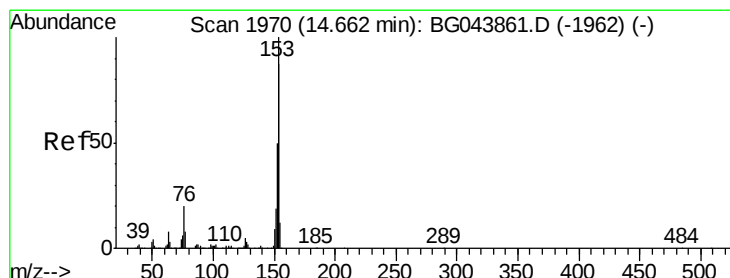
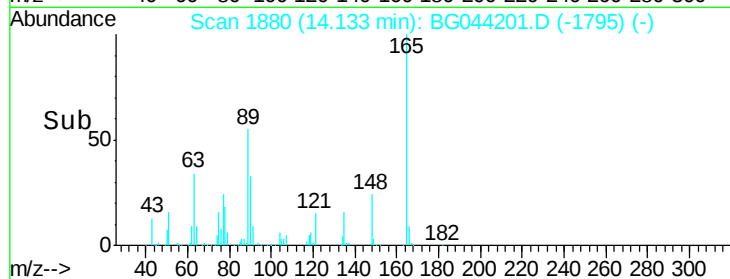
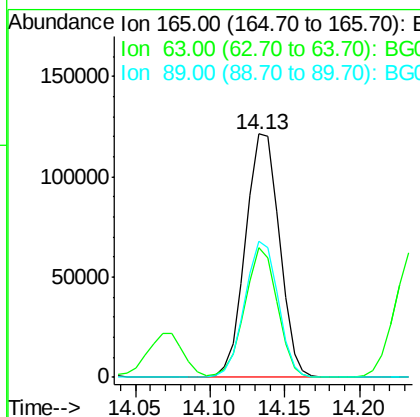
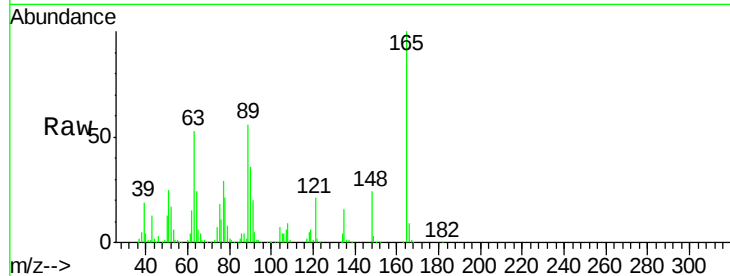
#51
 2,6-Dinitrotoluene
 Concen: 47.422 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190684		
63	53.4		43.1	64.7
89	55.8		43.8	65.6

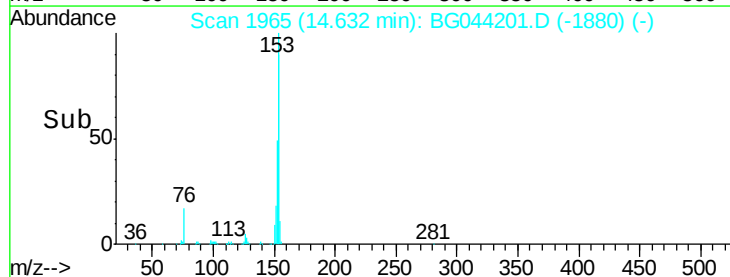
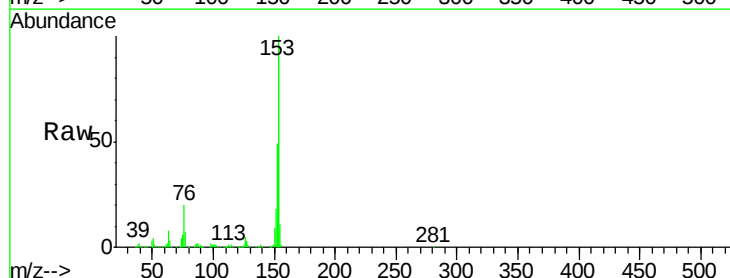
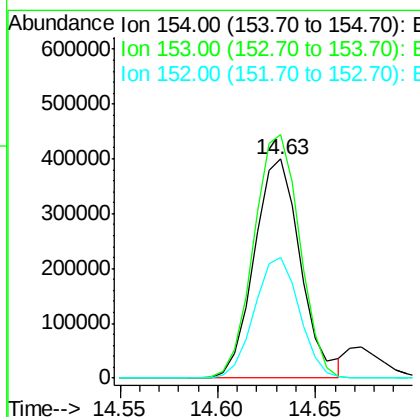
Manual Integrations
 APPROVED

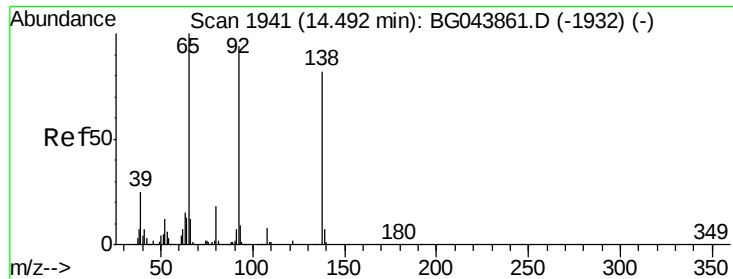
mohammad
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#52
 Acenaphthene
 Concen: 44.838 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	656065		
153	111.1		91.6	137.4
152	54.8		45.4	68.0





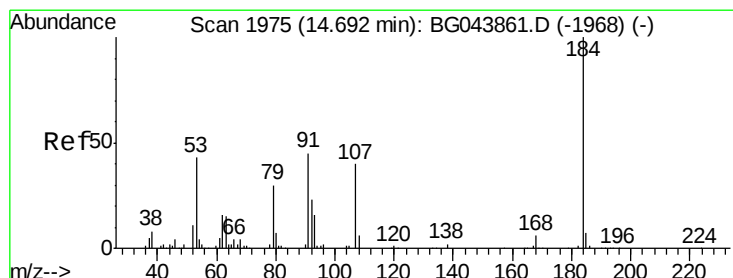
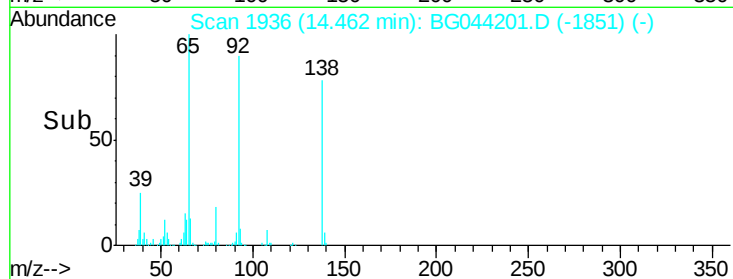
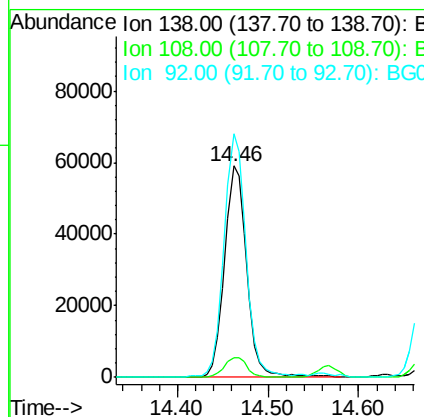
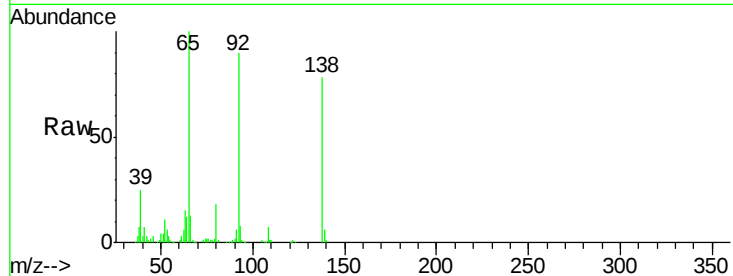
#53
3-Nitroaniline
Concen: 21.964 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.2
92	115.3	92.1	138.1

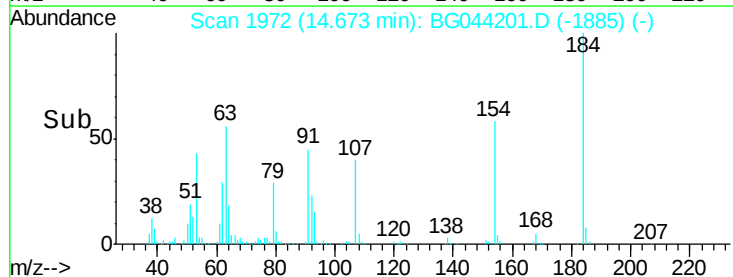
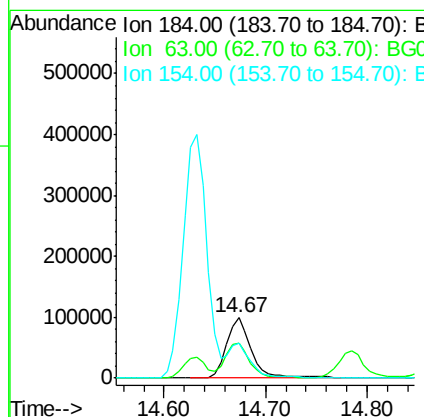
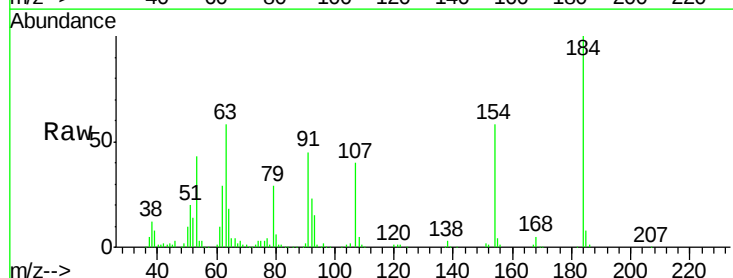
Manual Integrations
APPROVED

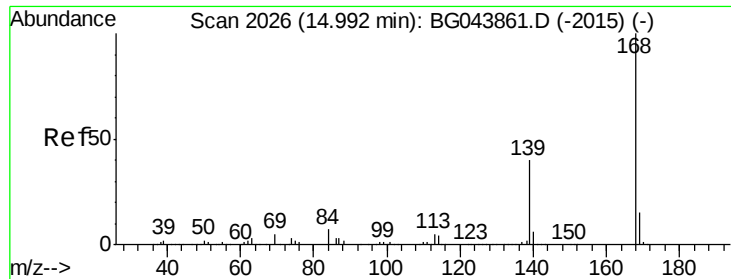
mohammad
1/28/2020 8:11:46 AM



#54
2,4-Dinitrophenol
Concen: 81.770 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	46.6	70.0
154	57.7	50.2	75.4





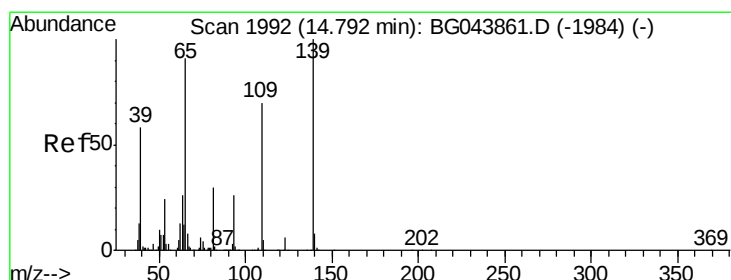
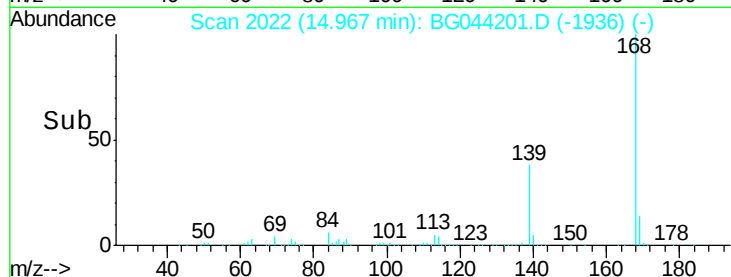
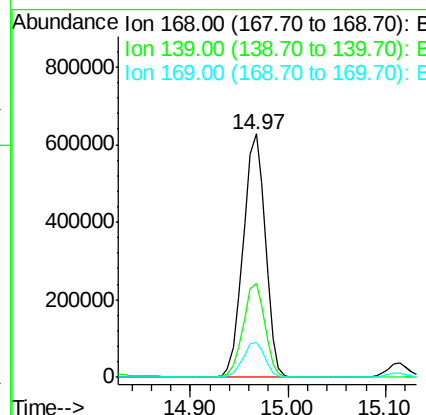
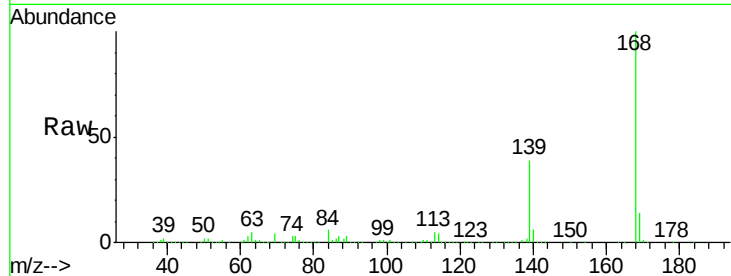
#55
Dibenzofuran
Concen: 49.194 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	990884		
139	38.8	32.2	48.2	
169	14.2	12.2	18.2	

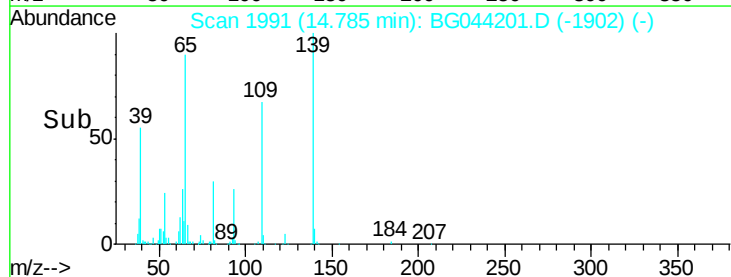
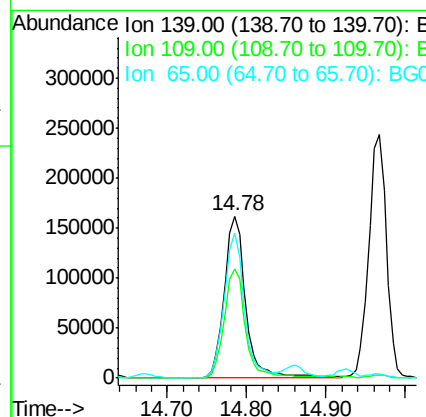
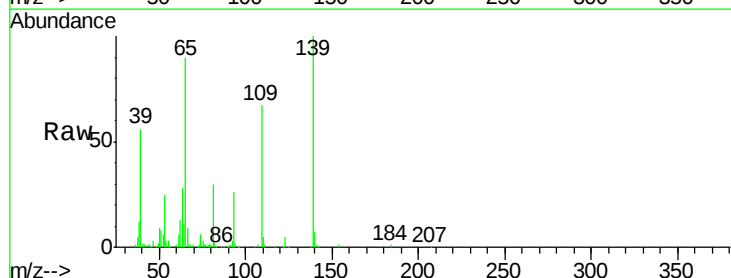
Manual Integrations
APPROVED

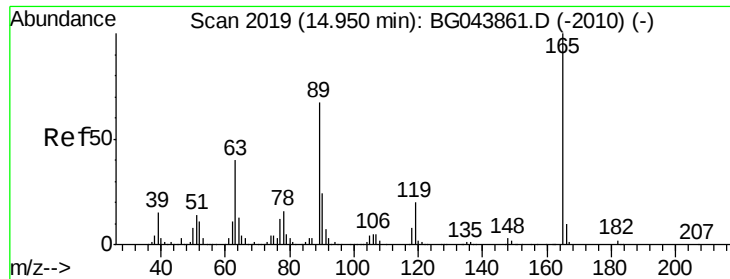
mohammad
1/28/2020 8:11:46 AM



#56
4-Nitrophenol
Concen: 87.423 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	305903		
109	67.5	50.4	90.4	
65	89.9	71.4	111.4	





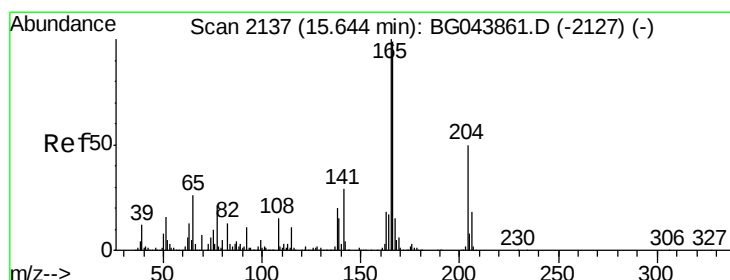
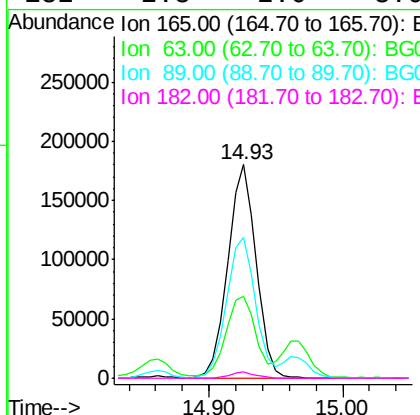
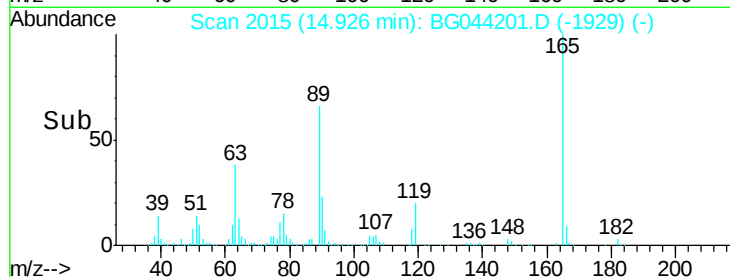
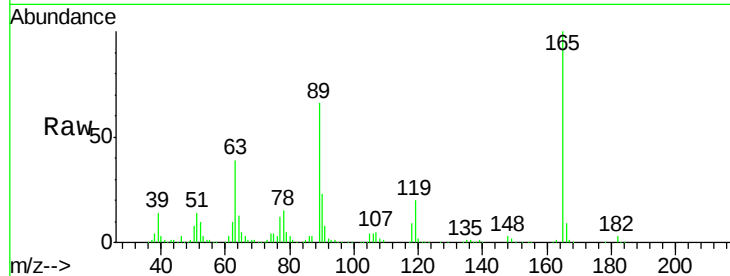
#57
2,4-Dinitrotoluene
Concen: 48.734 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266640		
63	38.5	31.9	47.9	
89	66.1	53.8	80.6	
182	2.8	2.0	3.0	

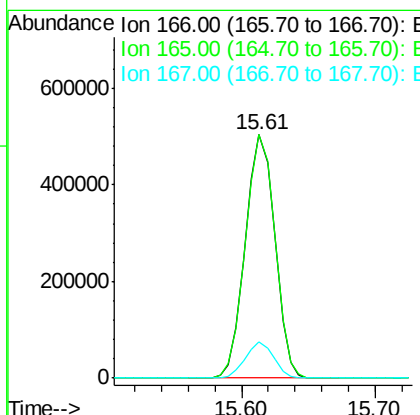
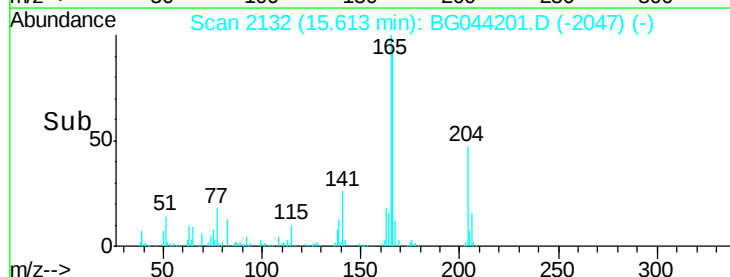
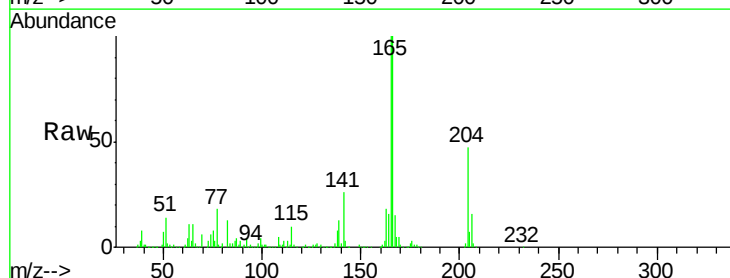
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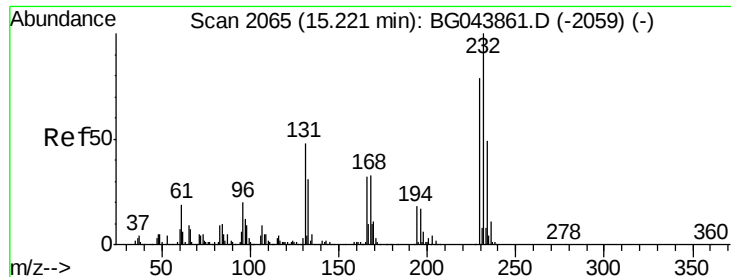
mohammad
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#58
Fluorene
Concen: 48.289 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	770926		
165	99.9	80.8	121.2	
167	14.8	12.1	18.1	





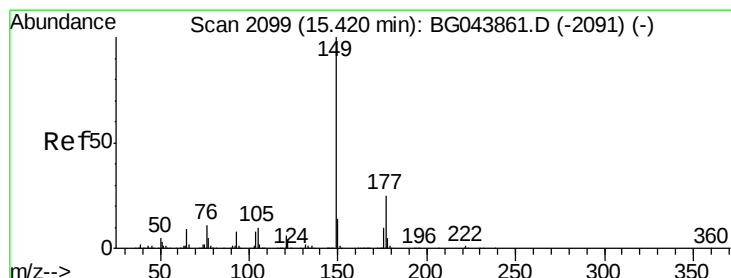
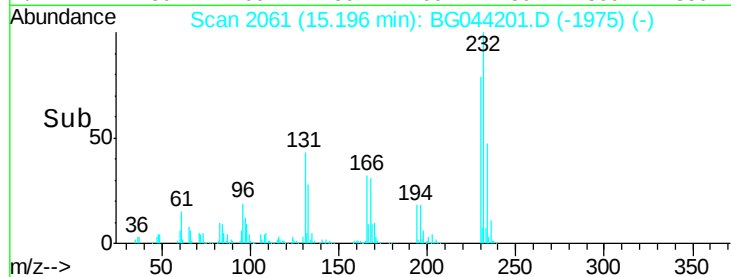
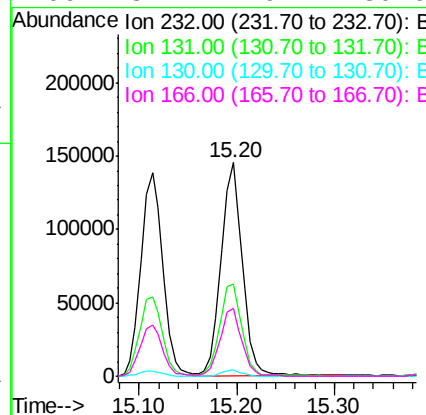
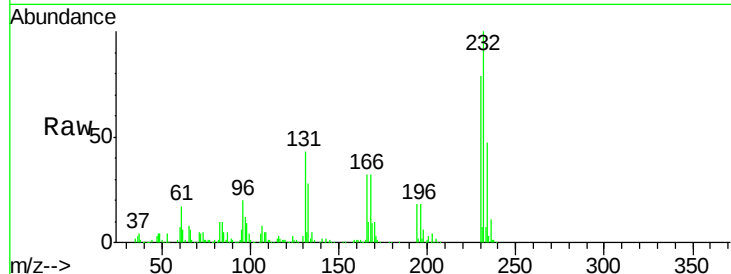
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.405 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	221403		
131	44.5	38.2	57.2	
130	2.7	2.2	3.2	
166	32.2	26.4	39.6	

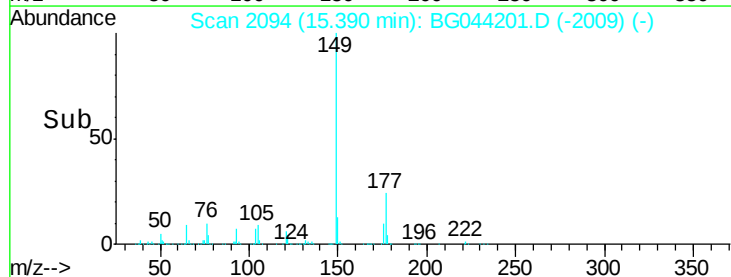
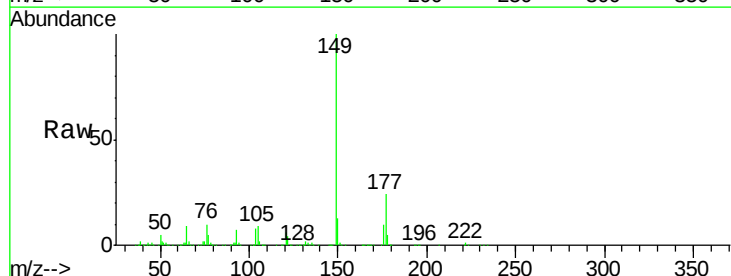
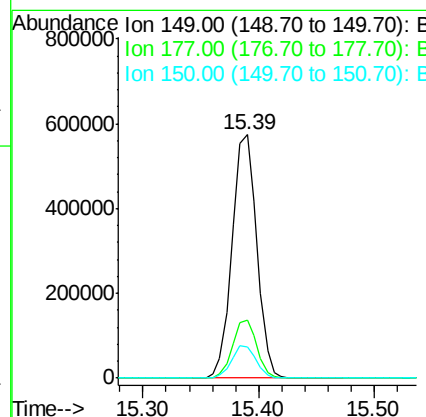
Manual Integrations
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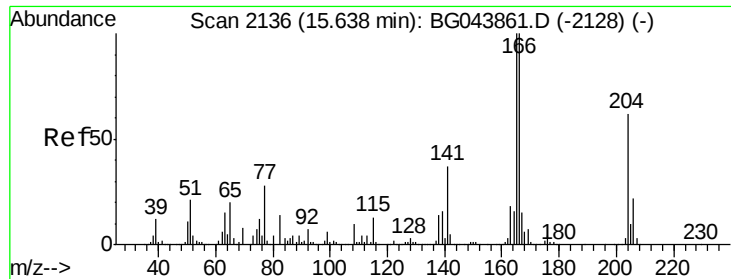
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#60
 Diethylphthalate
 Concen: 47.560 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	846272		
177	23.9	20.0	30.0	
150	12.9	11.1	16.7	





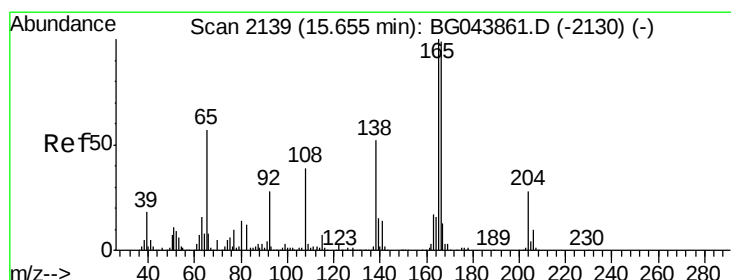
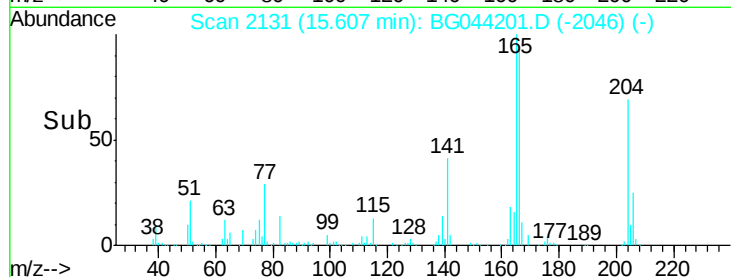
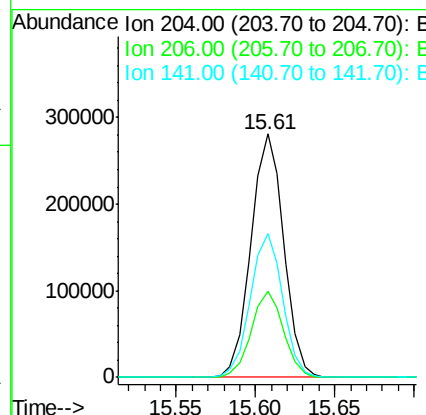
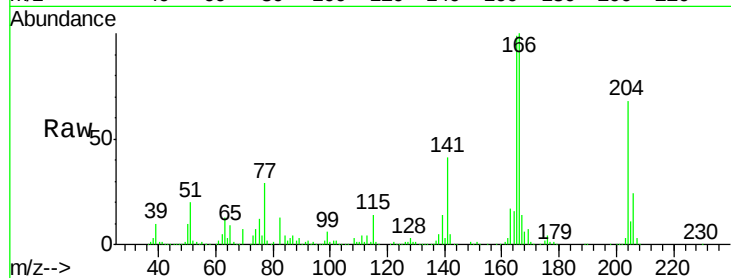
#61
4-Chlorophenyl-phenylether
Concen: 46.574 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	28.2	42.2
141	59.3	48.2	72.2

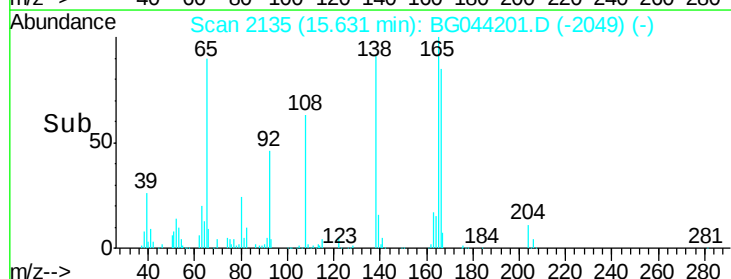
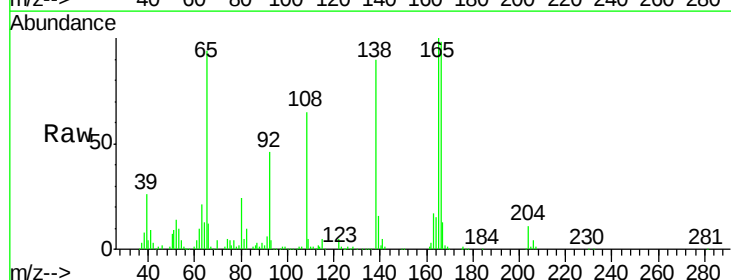
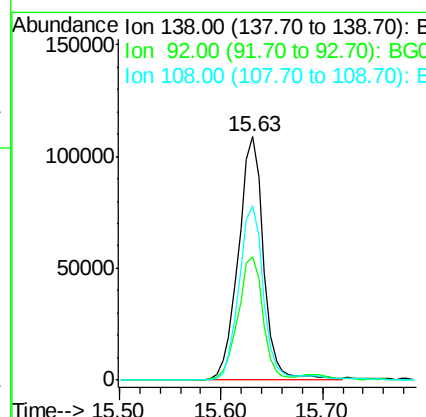
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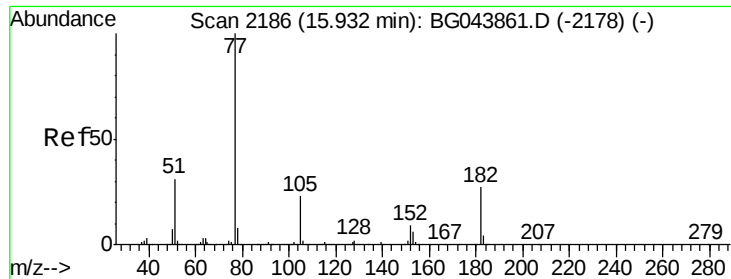
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#62
4-Nitroaniline
Concen: 41.832 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	34.3	74.3
108	71.8	55.0	95.0





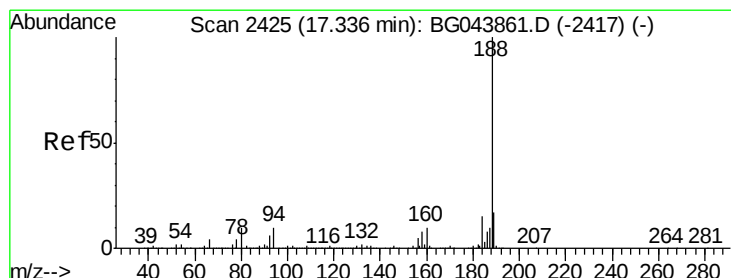
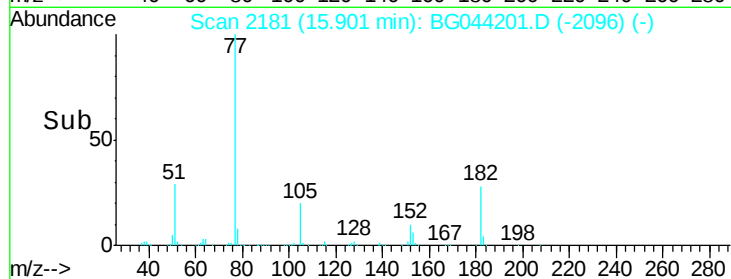
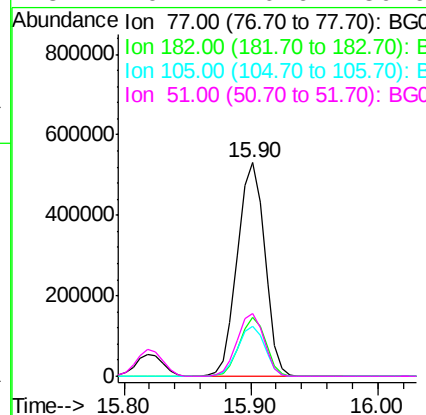
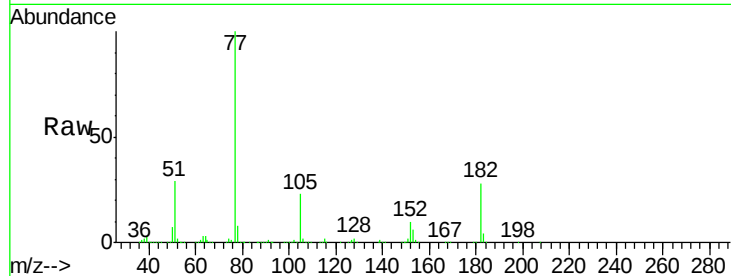
#63
Azobenzene
Concen: 48.082 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		793441		
182	27.6	7.3	47.3		
105	23.2	3.2	43.2		
51	29.4	10.6	50.6		

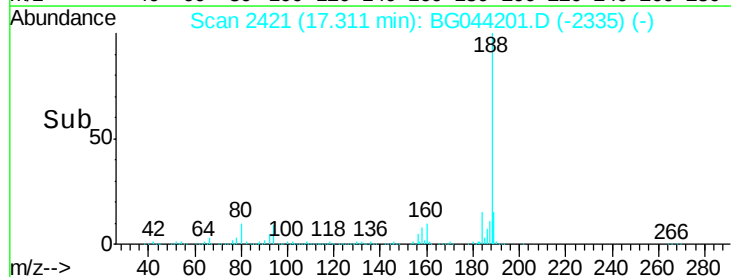
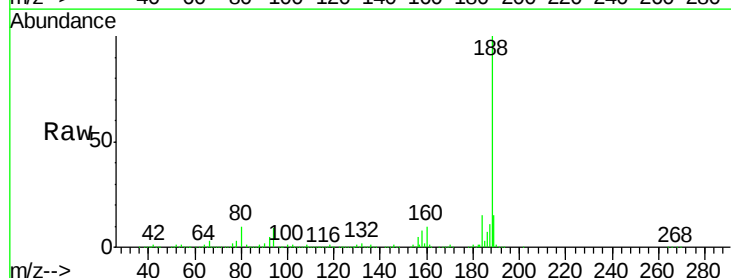
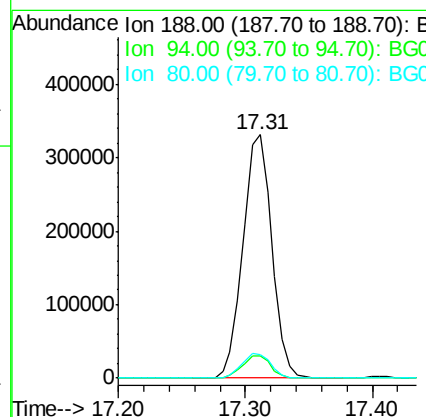
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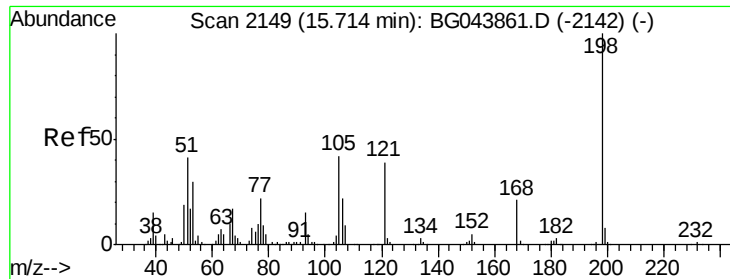
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		521662		
94	9.3	7.9	11.9		
80	9.9	8.2	12.4		





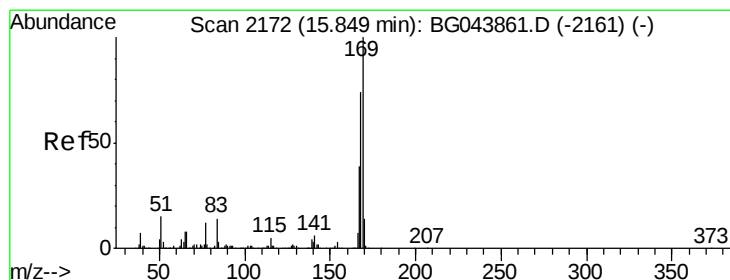
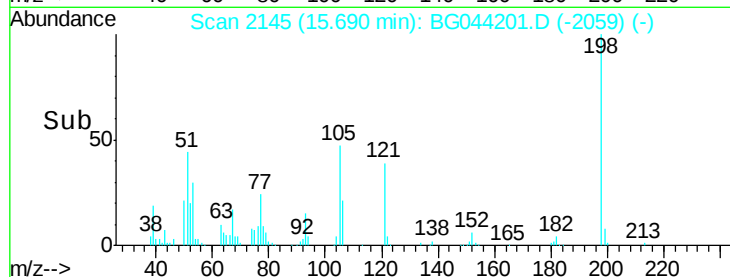
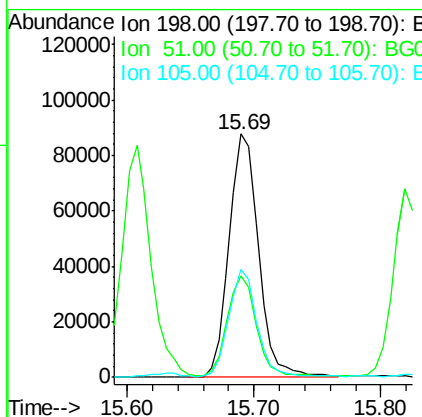
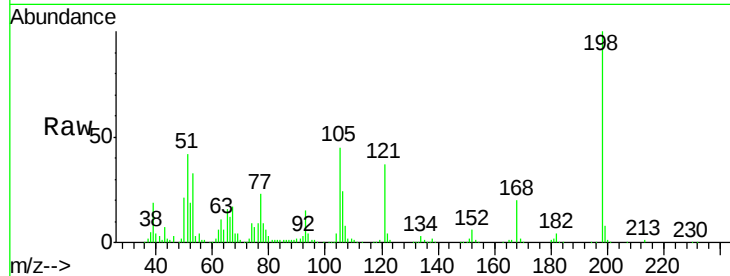
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.122 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	22.5	62.5
105	44.5	22.3	62.3

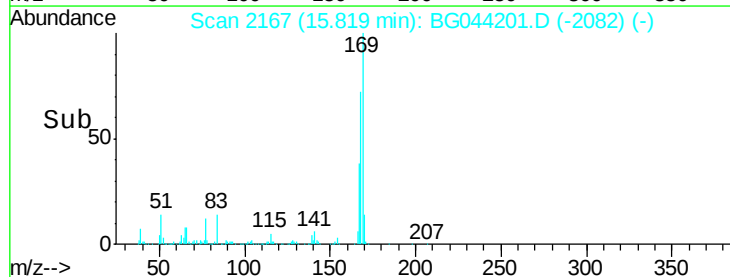
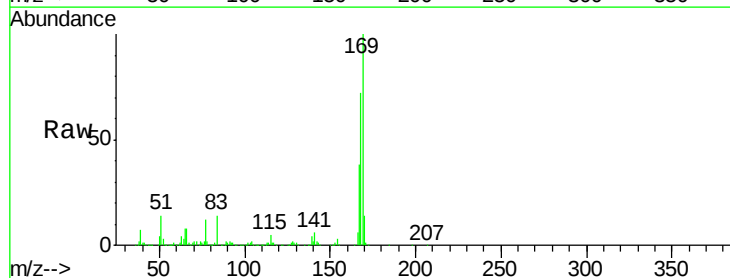
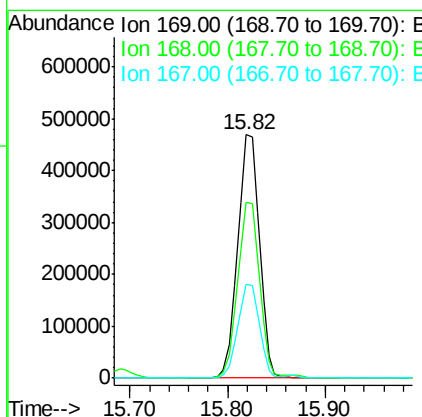
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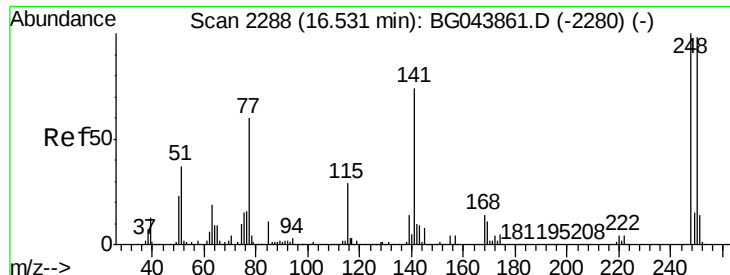
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#66
 n-Nitrosodiphenylamine
 Concen: 47.440 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	59.0	88.6
167	38.3	31.4	47.0





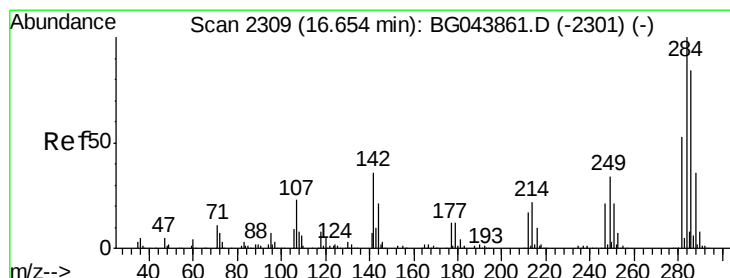
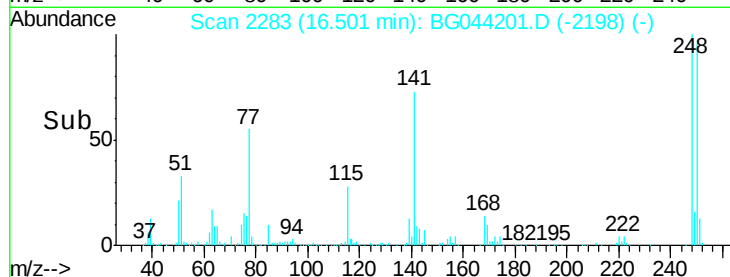
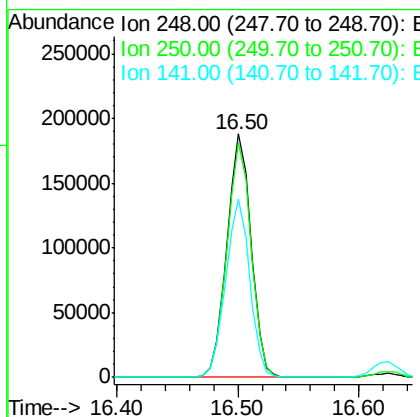
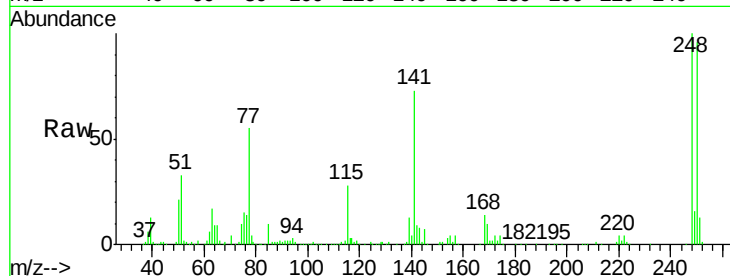
#67
4-Bromophenyl-phenylether
Concen: 44.654 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.2	117.2
141	73.4	59.3	88.9

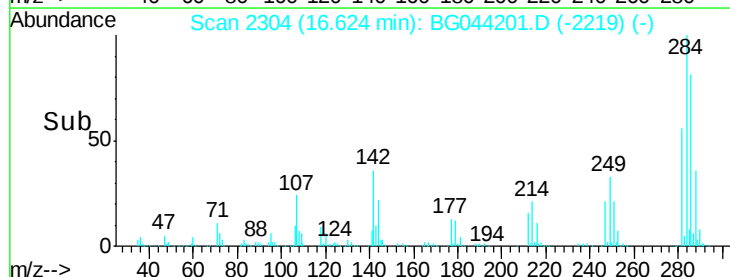
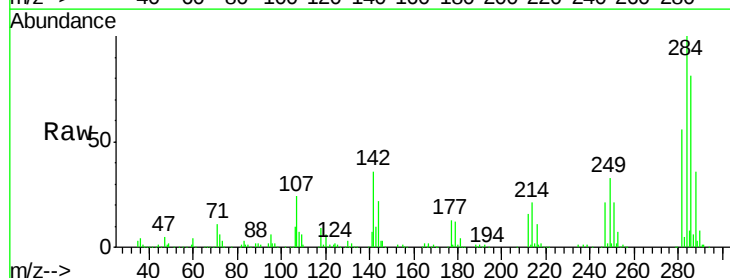
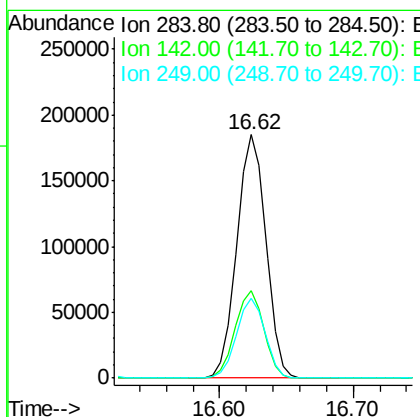
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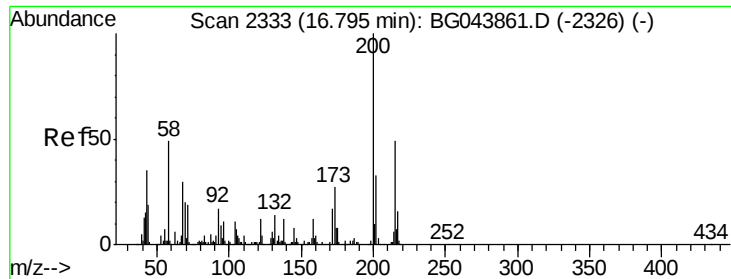
mohammad
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#68
Hexachlorobenzene
Concen: 44.082 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.6	43.0
249	32.6	27.0	40.6





#69

Atrazine

Concen: 53.907 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

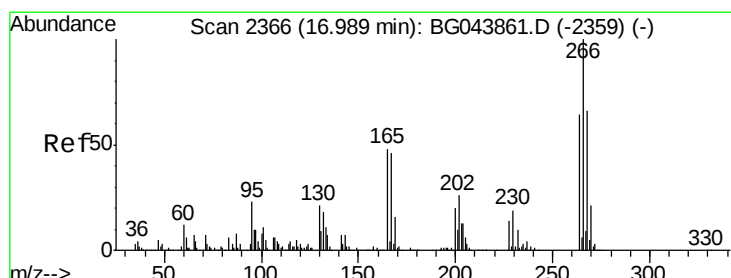
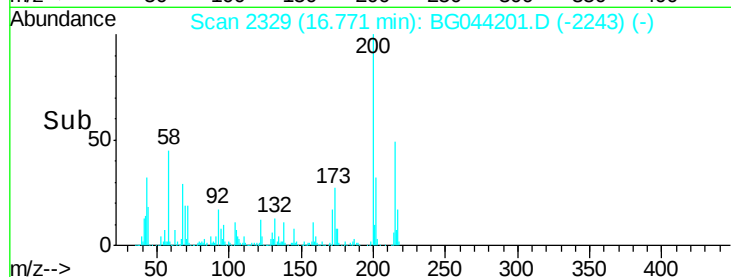
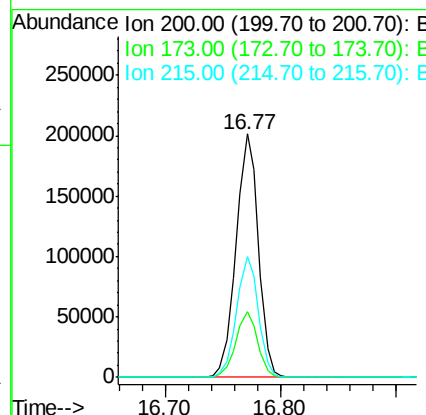
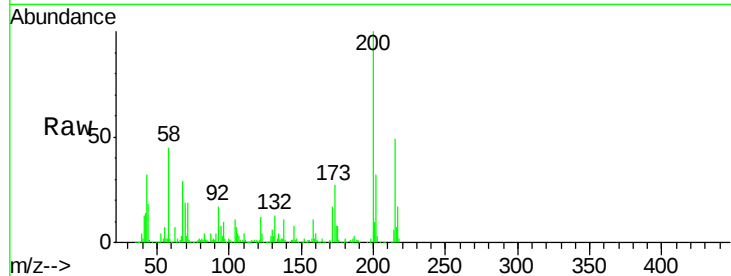
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	200	Resp:	269188
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.6	46.6
215	49.4	28.6	68.6

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#70

Pentachlorophenol

Concen: 86.215 ng

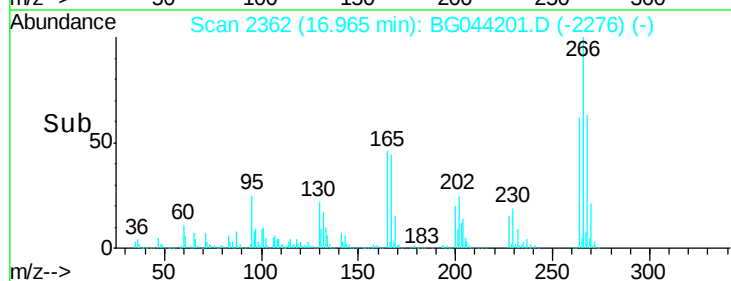
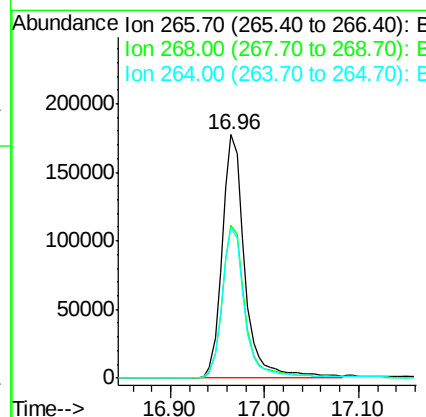
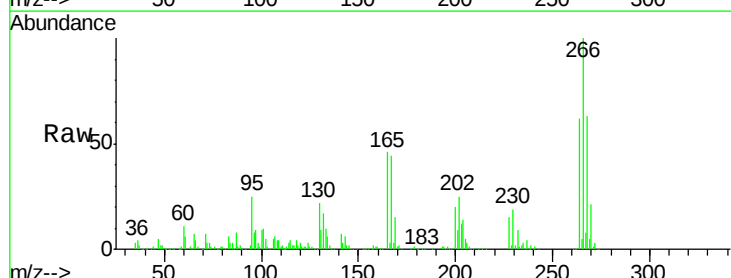
RT: 16.96 min Scan# 2362

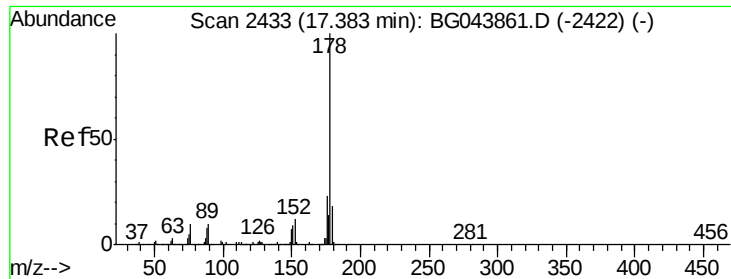
Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	266	Resp:	300460
Ion Ratio	Lower	Upper	
266	100		
268	62.7	52.6	79.0
264	61.9	50.8	76.2





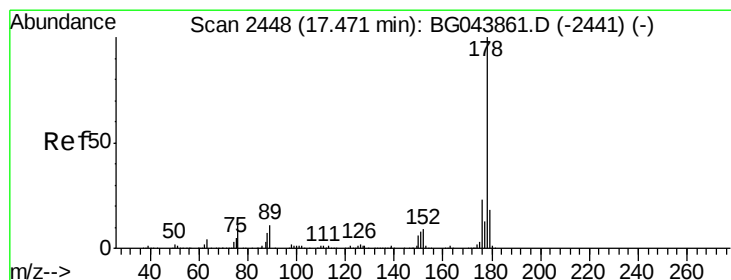
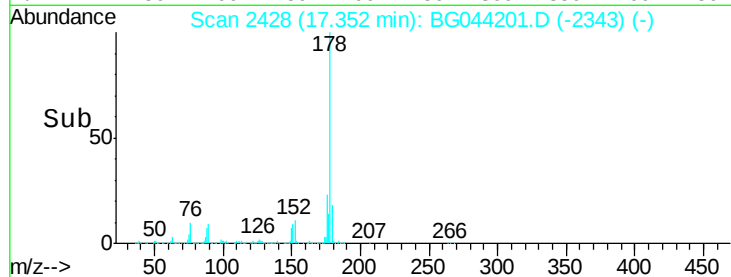
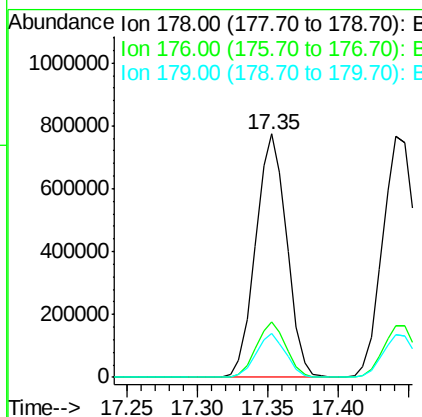
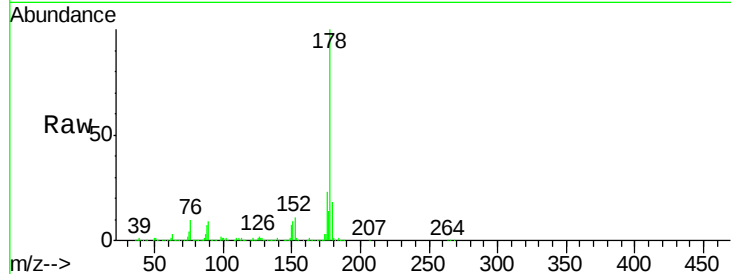
#71
Phenanthrene
Concen: 47.777 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion:178 Resp: 1195464
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.9 14.4 21.6

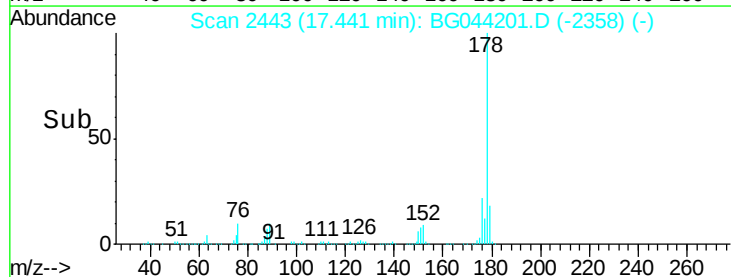
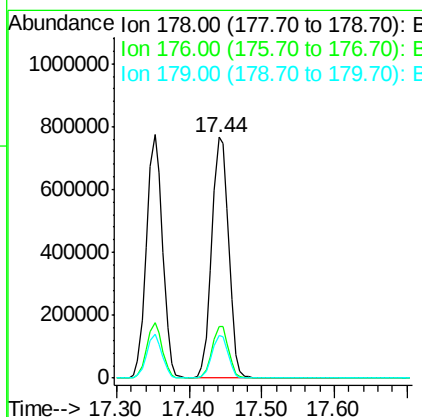
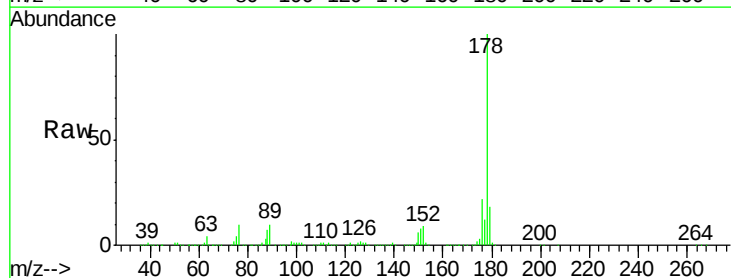
Manual Integrations
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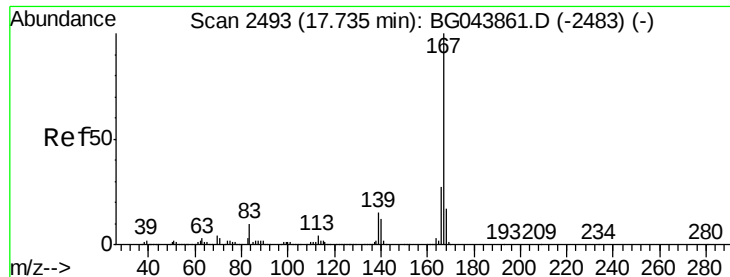
mohammad
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#72
Anthracene
Concen: 50.292 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:178 Resp: 1243644
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.7 14.6 22.0





#73

Carbazole

Concen: 48.071 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tot Ion:167 Resp: 1098048

Ion Ratio Lower Upper

167 100

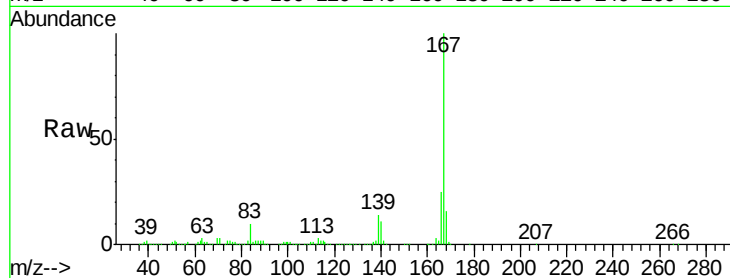
166 25.4 21.6 32.4

139 14.1 12.1 18.1

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

17.71

800000

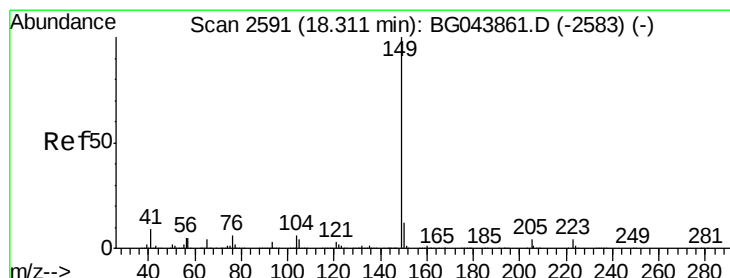
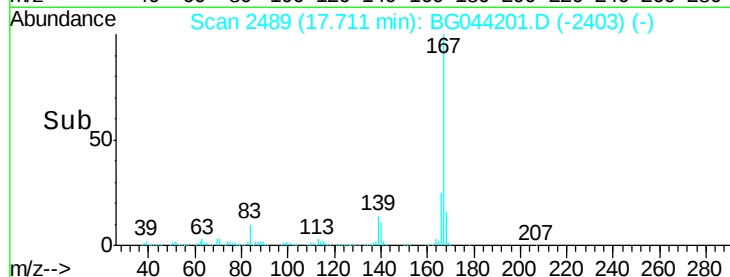
600000

400000

200000

0

Time--> 17.60 17.70 17.80



#74

Di-n-butylphthalate

Concen: 46.622 ng

RT: 18.27 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

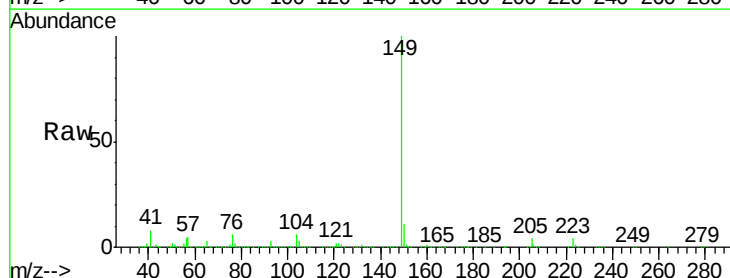
Tgt Ion:149 Resp: 1359682

Ion Ratio Lower Upper

149 100

150 11.2 9.7 14.5

104 5.7 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

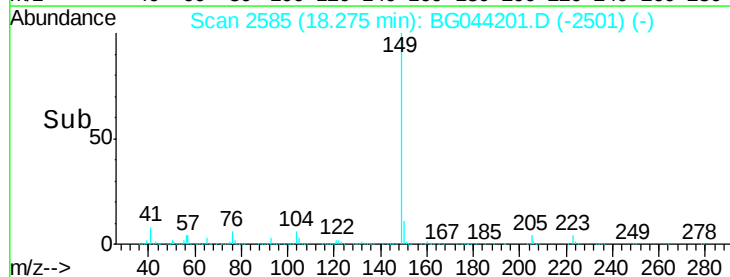
18.27

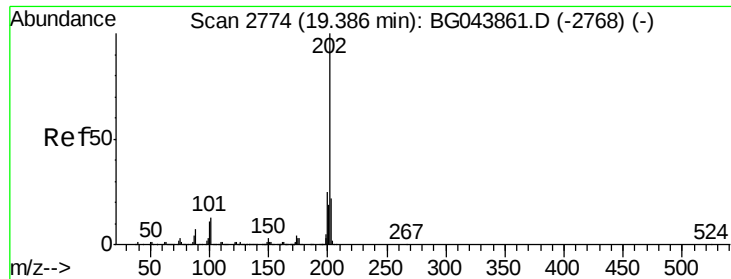
1000000

500000

0

Time--> 18.20 18.30





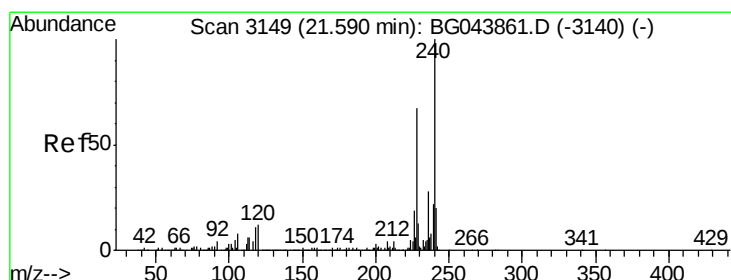
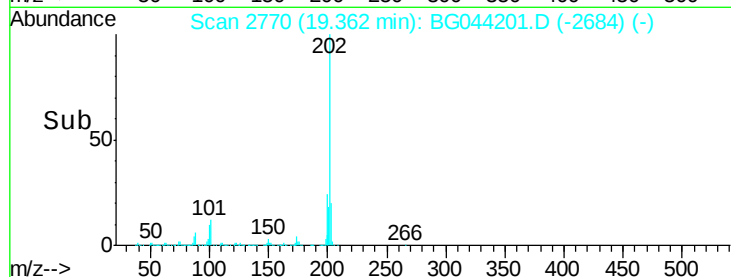
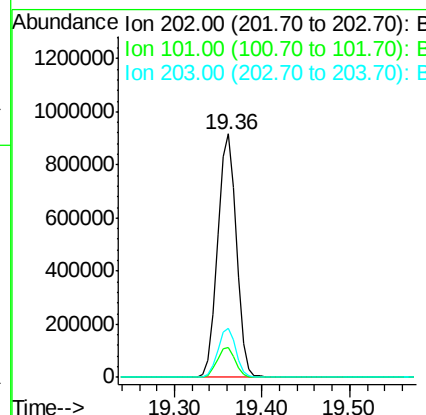
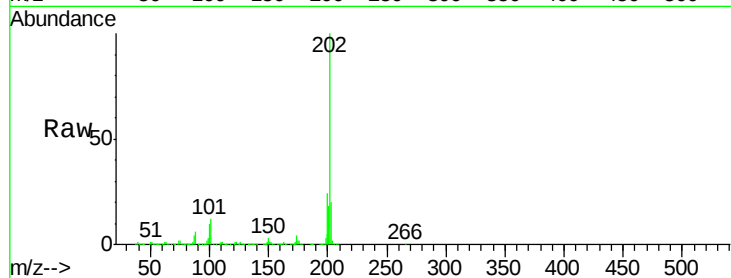
#75
 Fluoranthene
 Concen: 47.798 ng
 RT: 19.36 min Scan# 2770
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.3
203	20.3	1.6	41.6

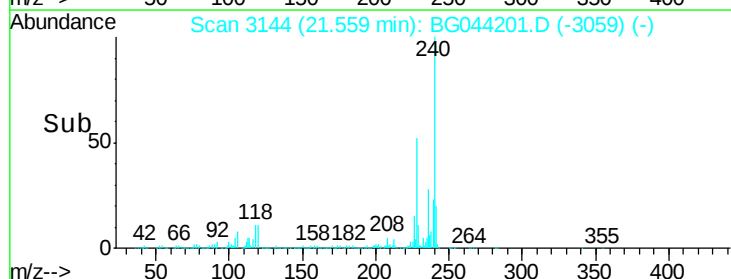
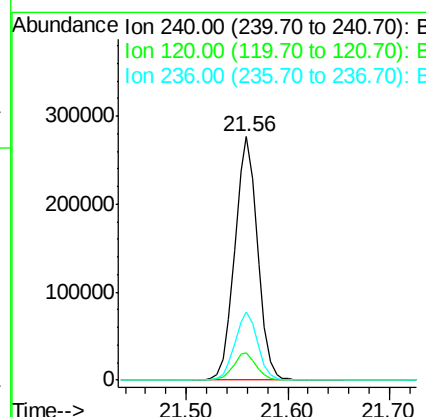
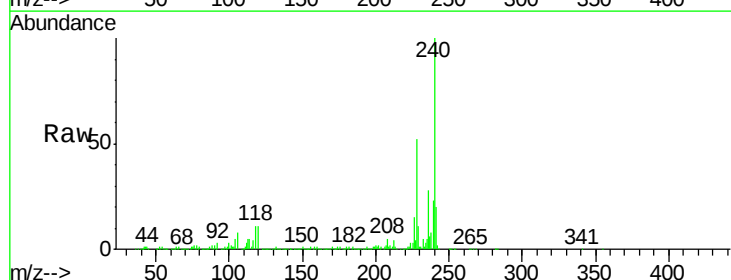
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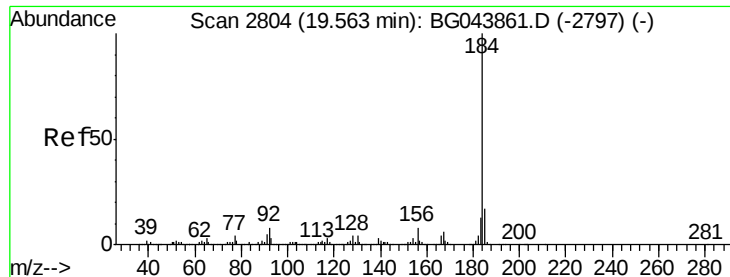
mohammad
 1/28/2020 8:11:46 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	28.2	22.2	33.2





#77

Benzidine

Concen: 24.553 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

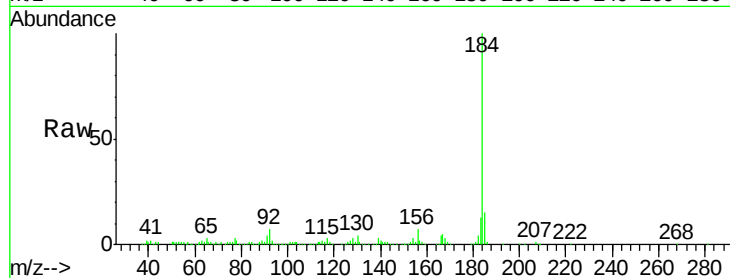
ClientSampleId :

JC-03-012320-AMSD

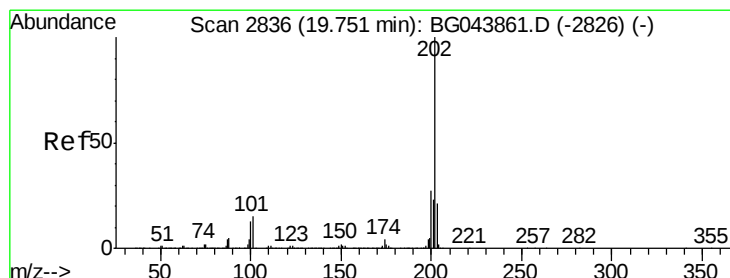
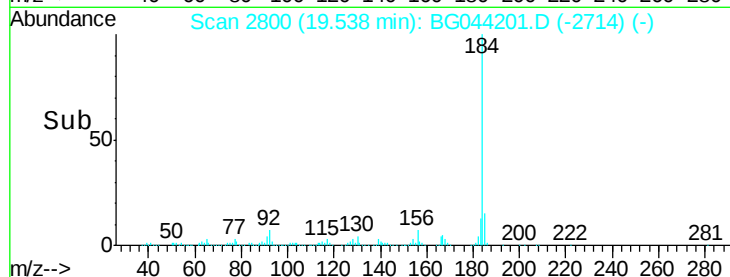
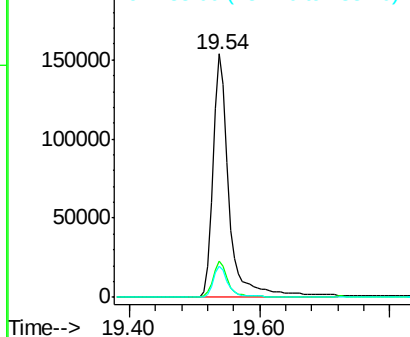
Tot Ion:	184	Resp:	265638
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.0
183	12.9	10.6	15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.279 ng

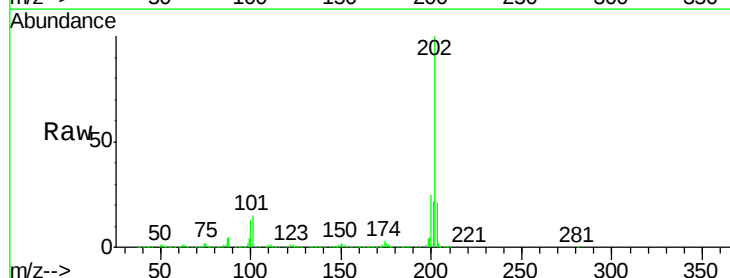
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

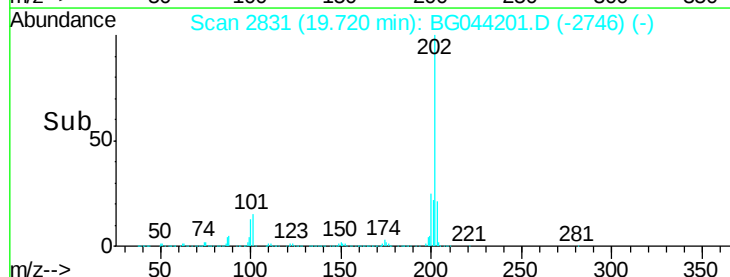
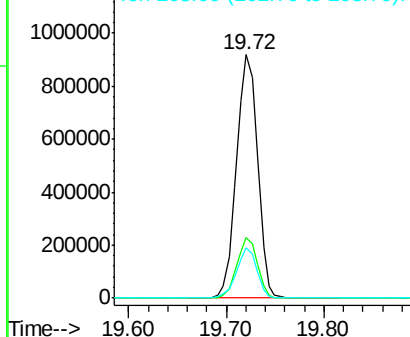
Lab File: BG044201.D

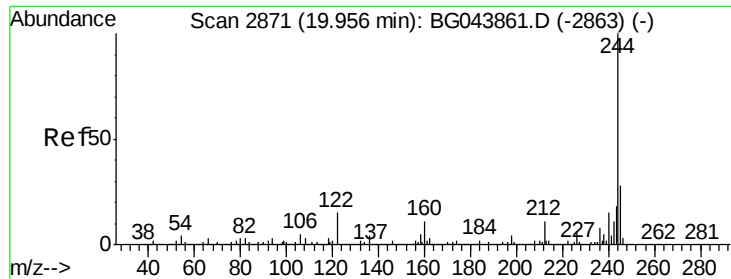
Acq: 25 Jan 2020 4:26

Tgt Ion:	202	Resp:	1384491
Ion Ratio	Lower	Upper	
202	100		
200	25.0	21.7	32.5
203	20.6	17.0	25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.292 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tot Ion:244 Resp: 1872239

Ion Ratio Lower Upper

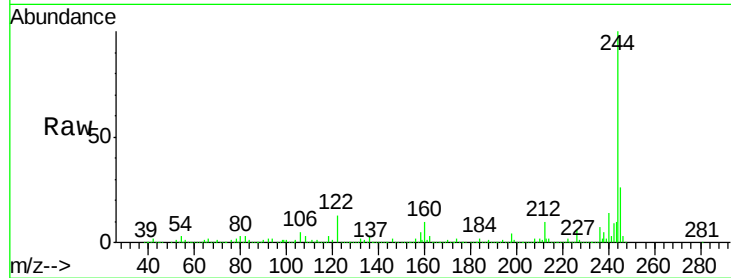
244 100

212 9.6 8.6 13.0

122 13.4 11.9 17.9

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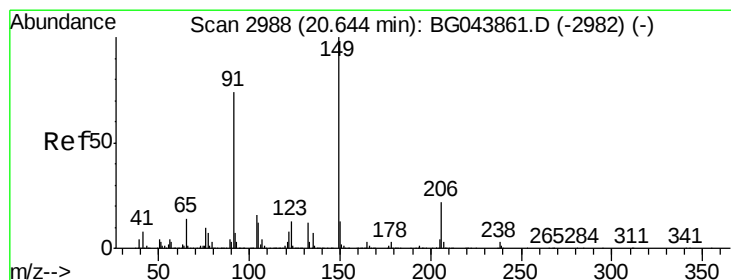
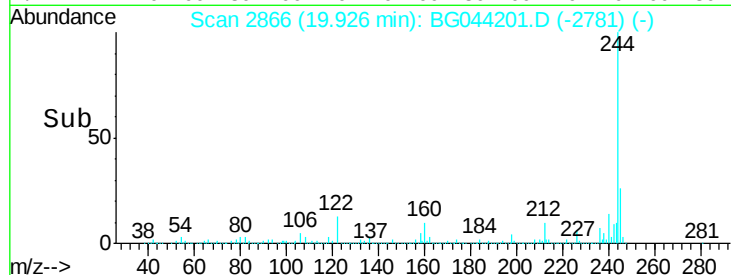
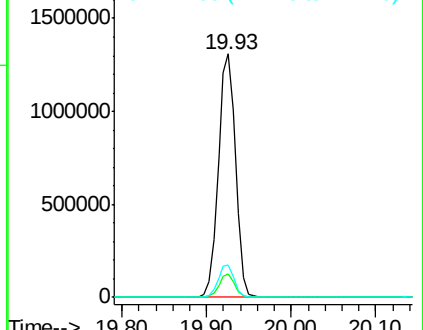
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.971 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

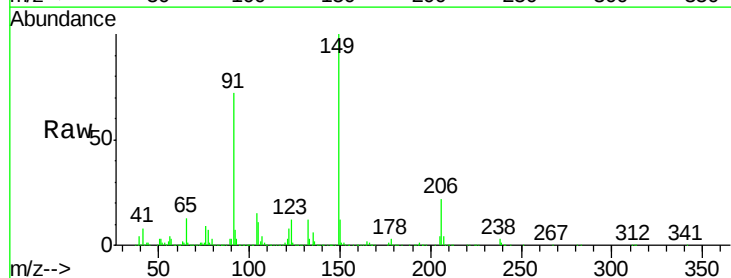
Tgt Ion:149 Resp: 655028

Ion Ratio Lower Upper

149 100

91 71.6 59.5 89.3

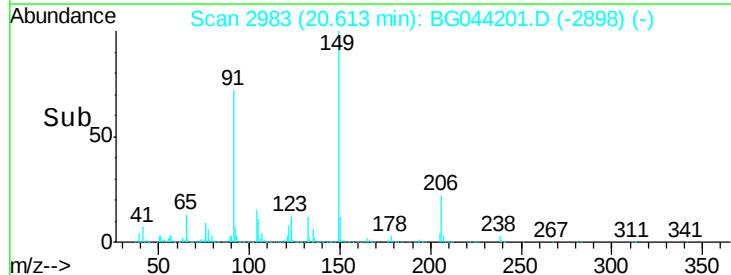
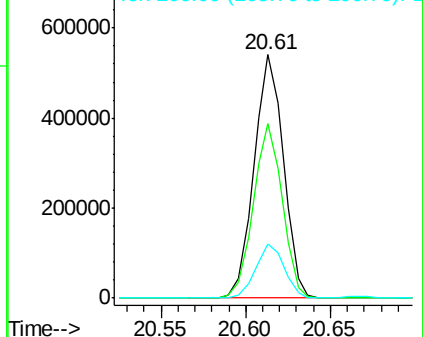
206 22.1 17.8 26.6

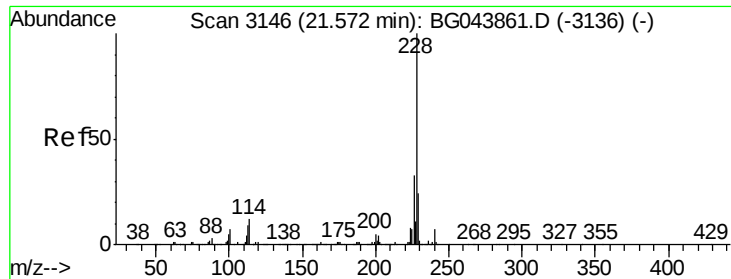


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.205 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

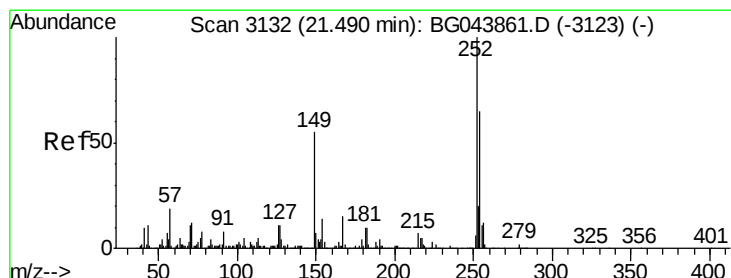
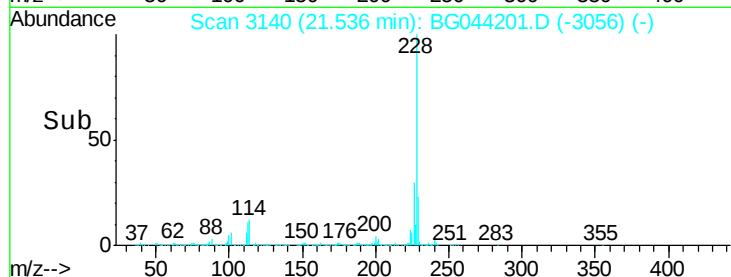
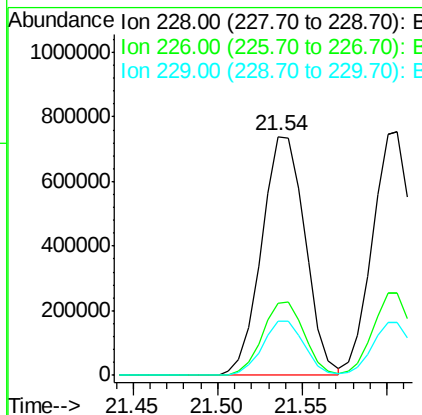
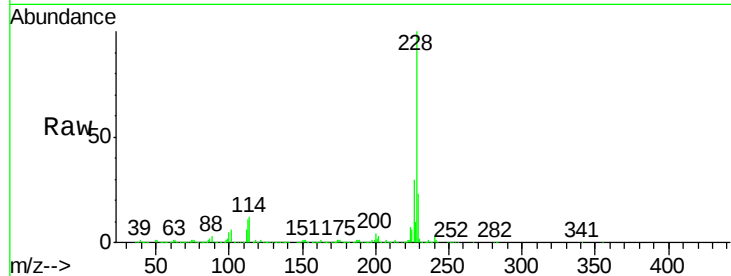
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	228	Resp:	1313228
Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.2	39.4
229	22.6	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 24.961 ng

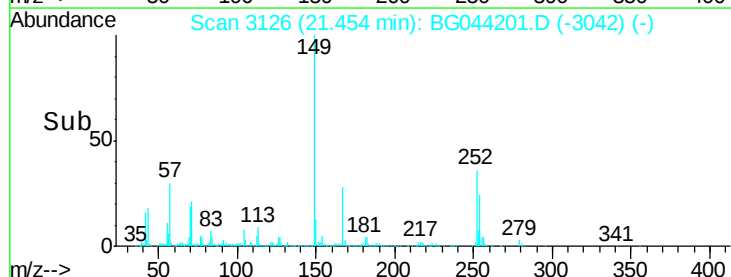
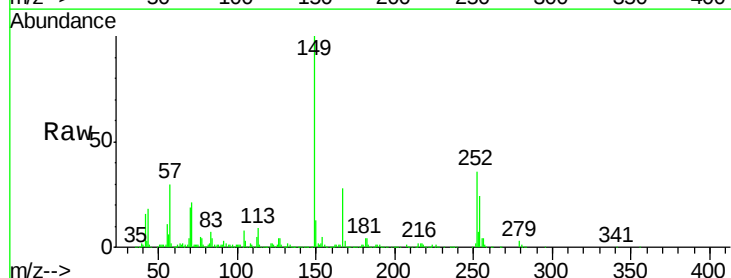
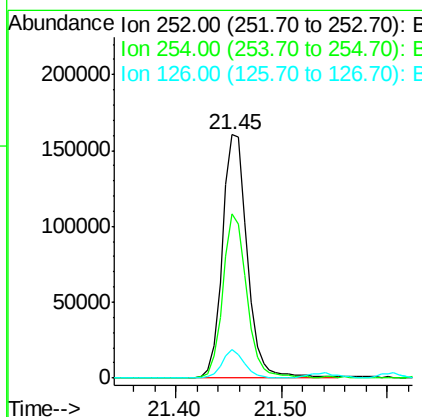
RT: 21.45 min Scan# 3126

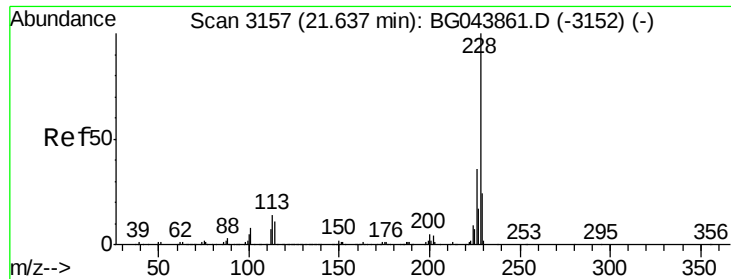
Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	252	Resp:	263188
Ion	Ratio	Lower	Upper
252	100		
254	67.5	52.1	78.1
126	11.6	9.1	13.7





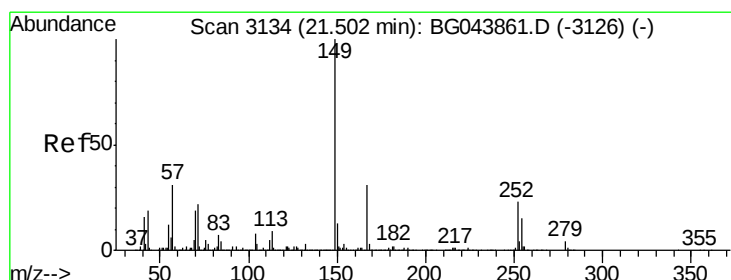
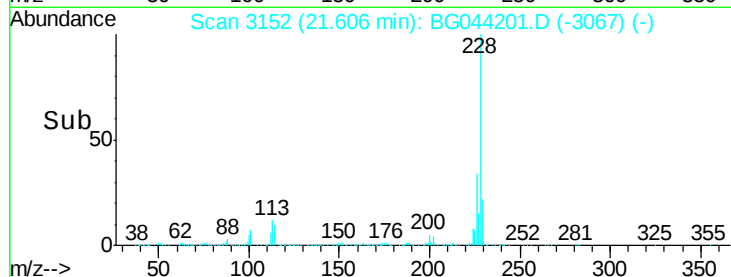
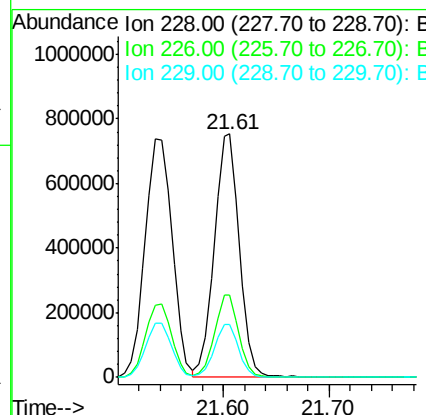
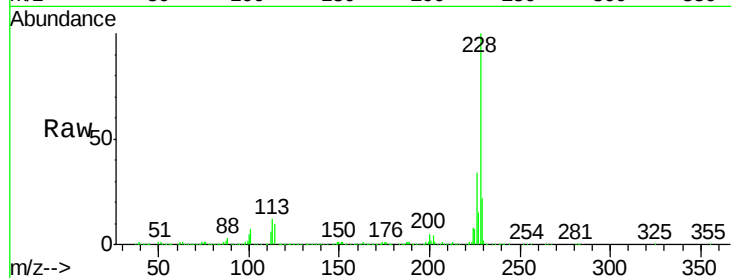
#83
 Chrvsene
 Concen: 49.164 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	28.8	43.2
229	22.0	19.0	28.6

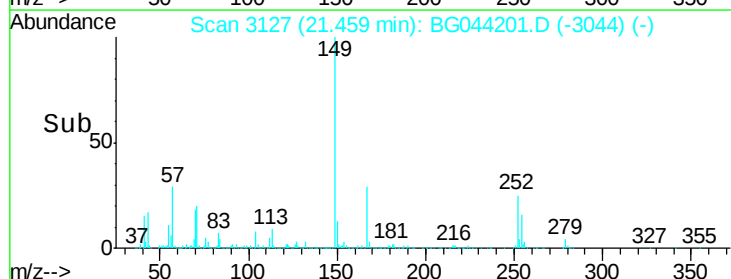
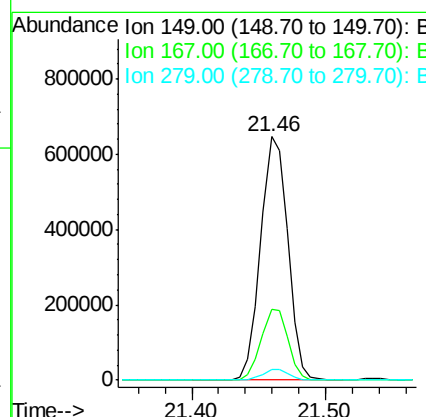
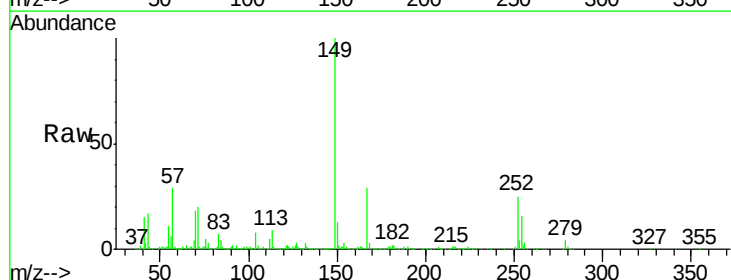
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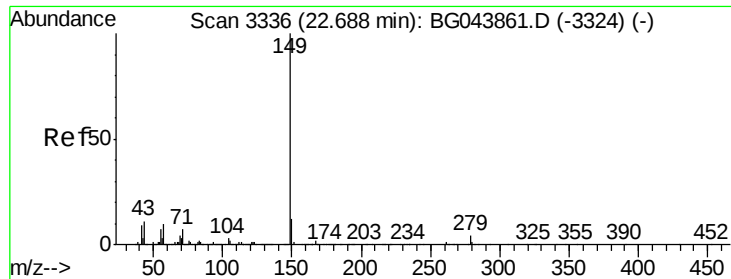
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.112 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.7	37.1
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.768 ng

RT: 22.63 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tot Ion:149 Resp: 1575219

Ion Ratio Lower Upper

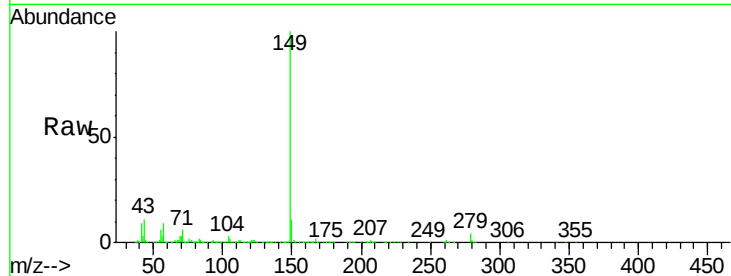
149 100

167 1.7 1.4 2.0

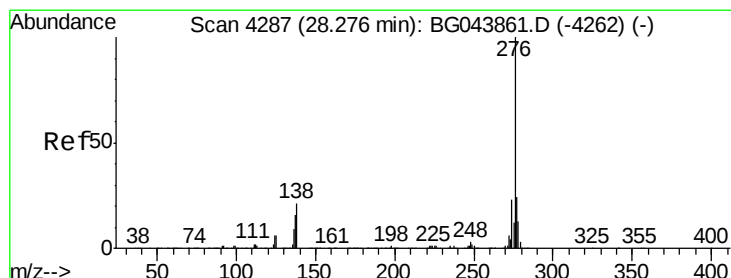
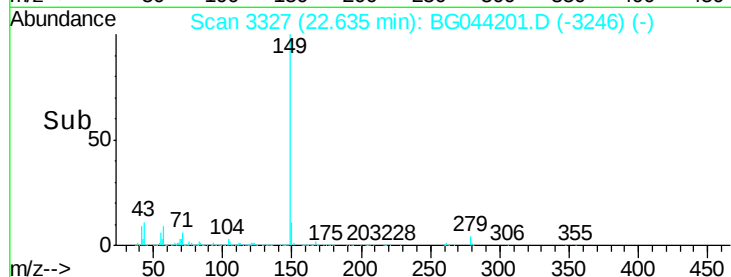
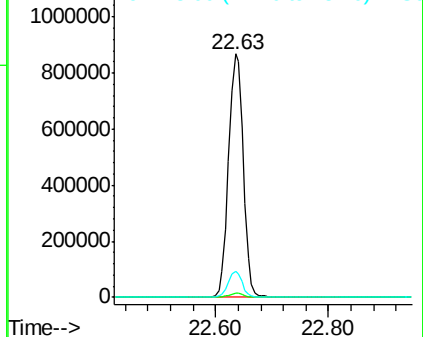
43 10.0 8.8 13.2

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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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.527 ng

RT: 28.19 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

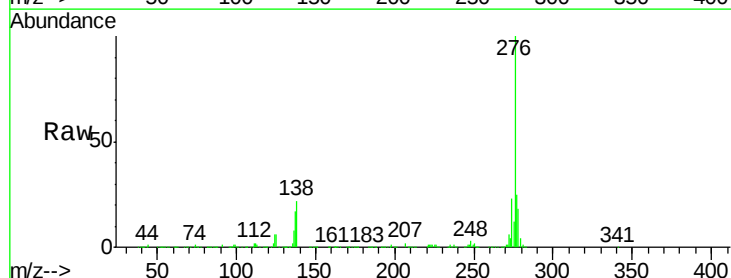
Tgt Ion:276 Resp: 1637972

Ion Ratio Lower Upper

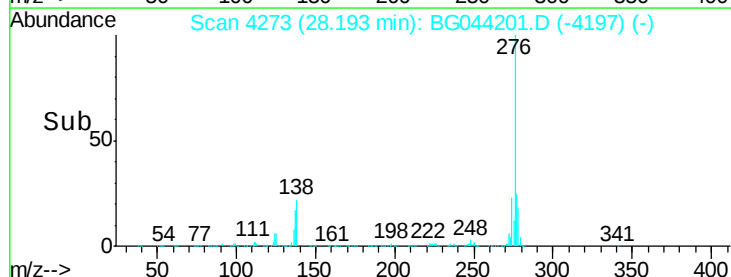
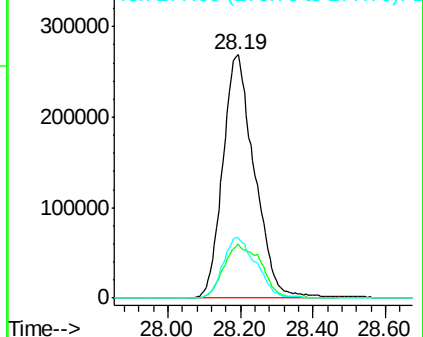
276 100

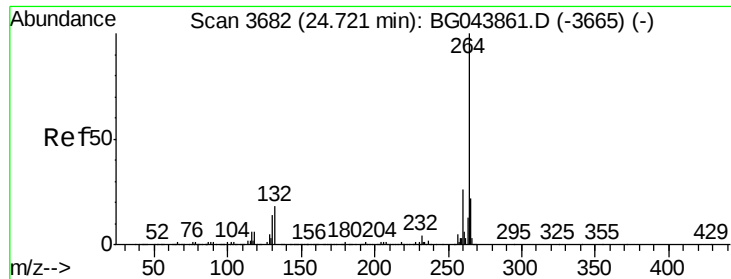
138 25.9 21.0 31.4

277 26.2 21.1 31.7



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

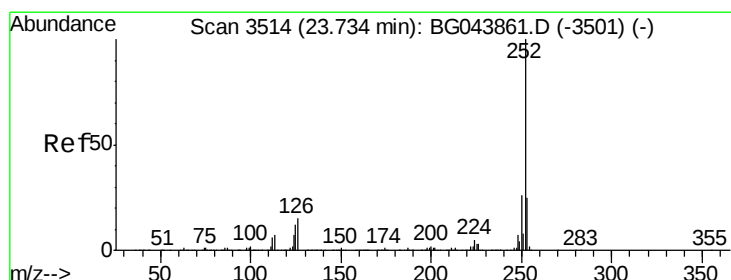
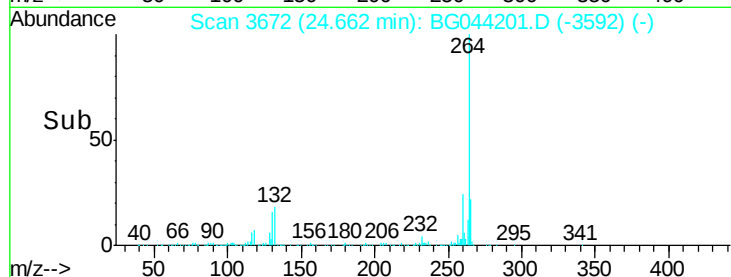
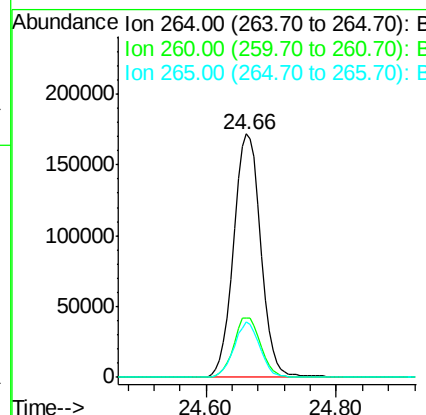
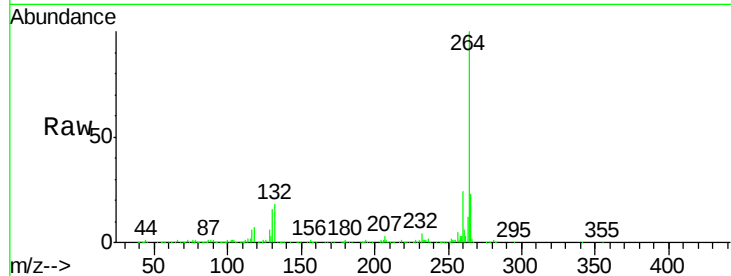
ClientSampleId :

JC-03-012320-AMSD

Tot Ion:	264	Resp:	497435
Ion Ratio		Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.6	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 47.272 ng

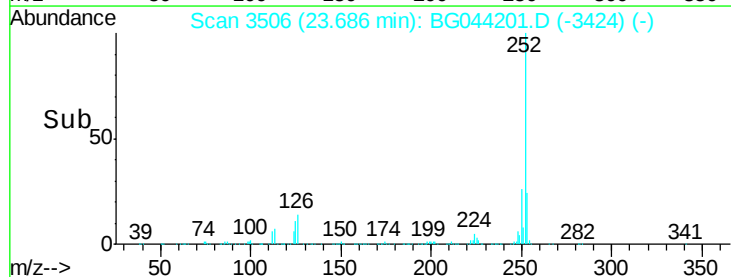
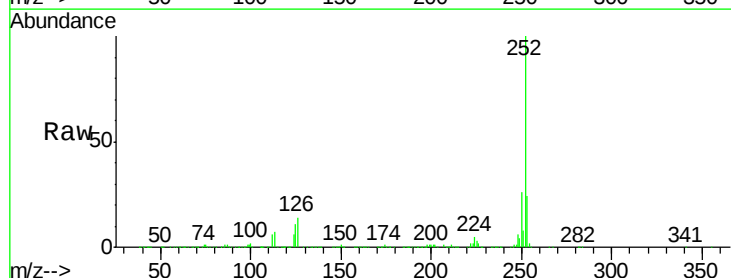
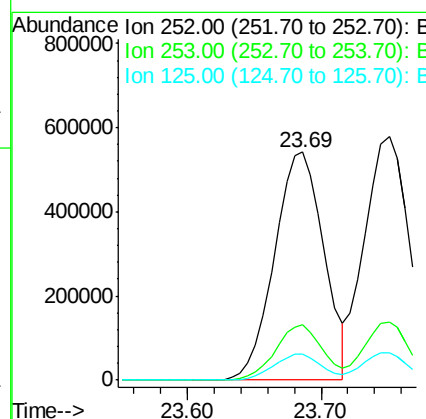
RT: 23.69 min Scan# 3506

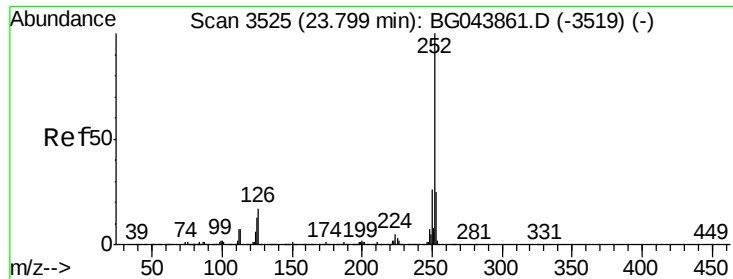
Delta R.T. -0.05 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:	252	Resp:	1390137
Ion Ratio		Lower	Upper
252	100		
253	24.2	19.7	29.5
125	11.2	9.4	14.2





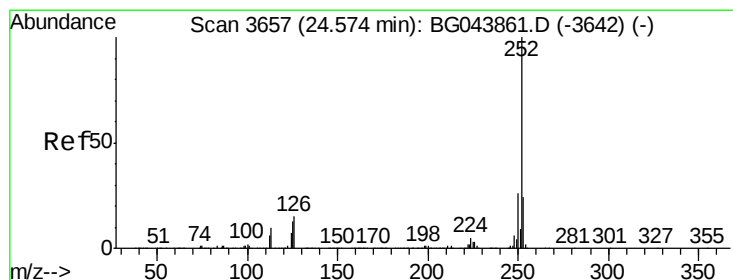
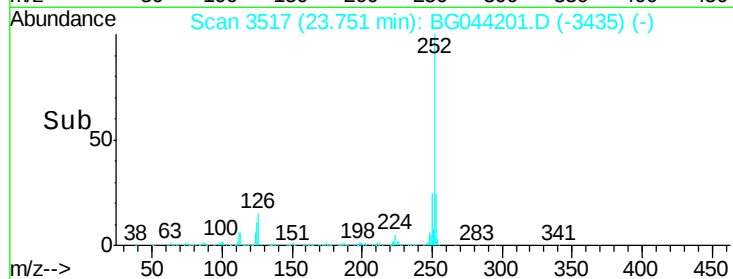
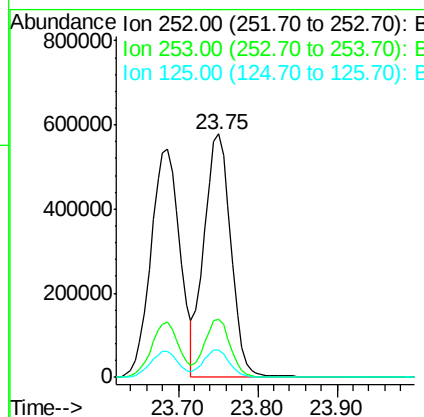
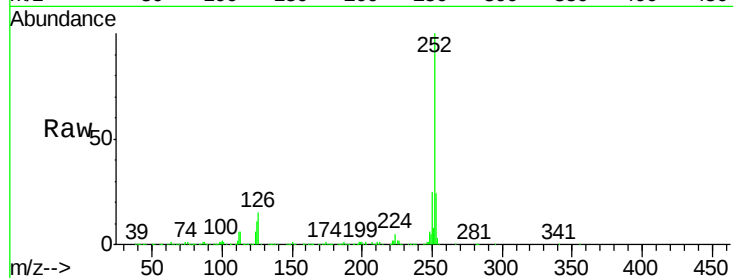
#89
Benzo(k)fluoranthene
Concen: 48.616 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	11.3	9.9	14.9

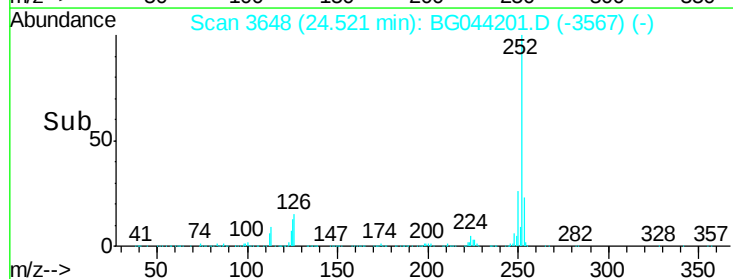
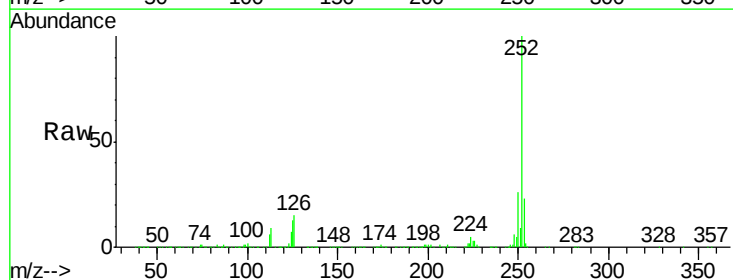
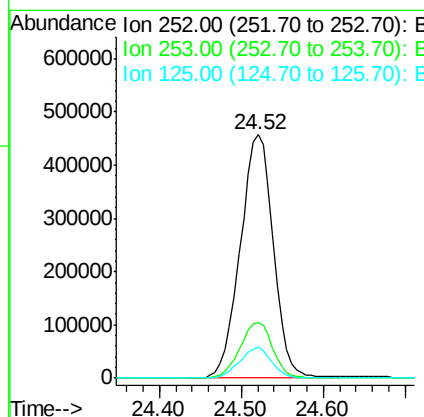
Manual Integrations
APPROVED

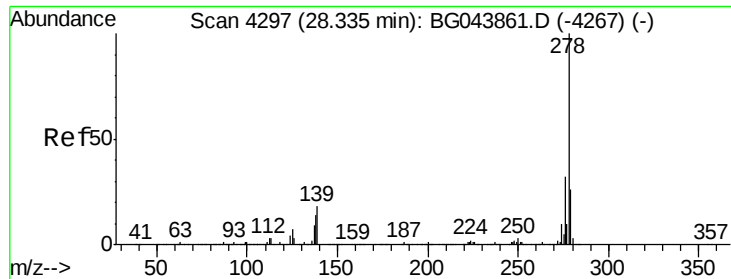
mohammad
1/28/2020 8:11:46 AM



#90
Benzo(a)pyrene
Concen: 46.196 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.3	28.9
125	12.6	10.4	15.6





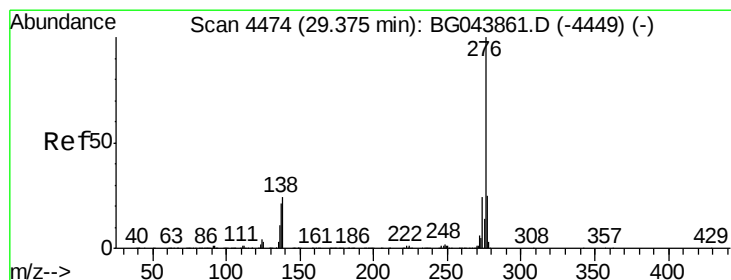
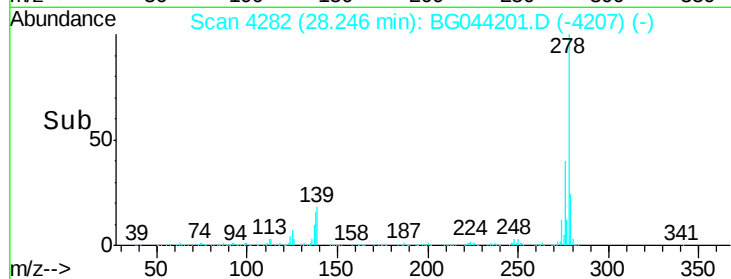
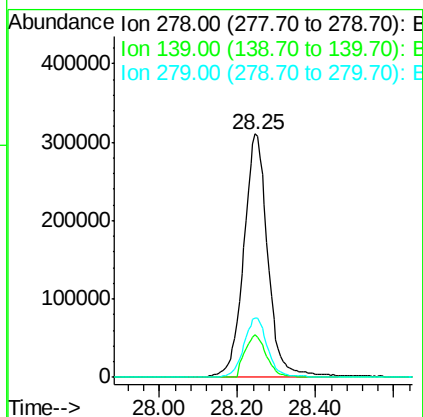
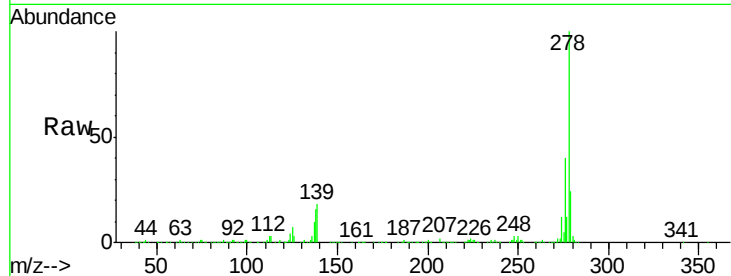
#91
Dibenzo(a,h)anthracene
Concen: 47.993 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.6	14.2	21.4	
279	24.2	20.6	30.8	

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:46 AM



#92
Benzo(g,h,i)perylene
Concen: 49.699 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.0	20.2	30.4	
138	22.6	19.0	28.6	

