

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044200.D
 Acq On : 25 Jan 2020 3:47
 Operator : CG/JU
 Sample : L1007-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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 1/28/2020 8:11:44 AM

Quant Time: Jan 27 04:20:02 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	89462	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	377878	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	249339	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	517743	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	433048	20.00	ng	-0.03
87) Perylene-d12	24.66	264	503192	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	726649	149.14	ng	-0.03
7) Phenol-d6	7.10	99	884709	129.90	ng	-0.02
23) Nitrobenzene-d5	9.09	82	650195	92.05	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	386028	147.94	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1398009	101.58	ng	-0.03
79) Terphenyl-d14	19.92	244	1938917	119.32	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	91574	43.105	ng	# 37
3) Pyridine	3.81	79	196598	31.326	ng	93
4) n-Nitrosodimethylamine	3.71	42	124324	44.494	ng	# 97
6) Aniline	7.26	93	353397	39.505	ng	99
8) 2-Chlorophenol	7.50	128	309218	54.059	ng	99
9) Benzaldehyde	7.06	77	144771	33.212	ng	98
10) Phenol	7.13	94	334893	47.725	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	283141	46.745	ng	98
12) 1,3-Dichlorobenzene	7.82	146	290856	43.453	ng	99
13) 1,4-Dichlorobenzene	7.97	146	296419	44.882	ng	100
14) 1,2-Dichlorobenzene	8.28	146	279662	44.116	ng	97
15) Benzyl Alcohol	8.17	79	260106	48.391	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	386731	41.268	ng	99
17) 2-Methylphenol	8.38	107	258502	50.906	ng	97
18) Hexachloroethane	9.01	117	107786	41.942	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	233387	46.015	ng	99
20) 3+4-Methylphenols	8.71	107	354463	50.037	ng	96
22) Acetophenone	8.75	105	429570	45.726	ng	99
24) Nitrobenzene	9.13	77	328148	46.905	ng	99
25) Isophorone	9.65	82	644792	48.655	ng	99
26) 2-Nitrophenol	9.84	139	174310	52.663	ng	99
27) 2,4-Dimethylphenol	9.91	122	295203	59.249	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	401827	45.481	ng	99
29) 2,4-Dichlorophenol	10.38	162	307330	51.711	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	294682	44.221	ng	98
31) Naphthalene	10.78	128	890507	48.699	ng	99
32) Benzoic acid	10.05	122	106740	29.137	ng	91
33) 4-Chloroaniline	10.89	127	298847	34.264	ng	99
34) Hexachlorobutadiene	11.07	225	167947	41.279	ng	99
35) Caprolactam	11.66	113	87798m	39.683	ng	
36) 4-Chloro-3-methylphenol	12.02	107	334320	52.841	ng	98
37) 2-Methylnaphthalene	12.39	142	681971	49.537	ng	97
38) 1-Methylnaphthalene	12.61	142	647967	49.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	319496	43.718	ng	99

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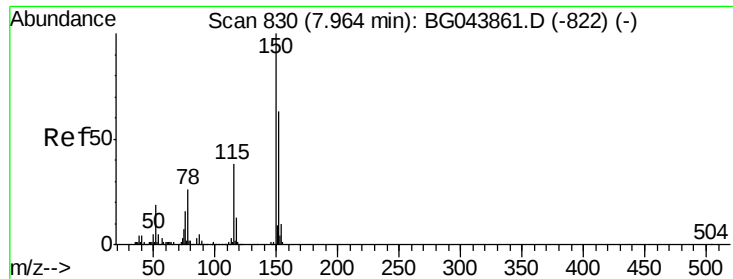
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	386921	102.122	nq	97
43) 2,4,6-Trichlorophenol	13.00	196	242917	48.307	nq	99
44) 2,4,5-Trichlorophenol	13.08	196	266722	51.427	nq	99
46) 1,1'-Biphenyl	13.40	154	857980	47.993	nq	99
47) 2-Chloronaphthalene	13.44	162	666948	46.169	nq	98
48) 2-Nitroaniline	13.64	65	214387	46.136	nq	98
49) Acenaphthylene	14.29	152	1067729	51.424	nq	99
50) Dimethylphthalate	14.02	163	933854	52.748	nq	98
51) 2,6-Dinitrotoluene	14.14	165	199495	49.855	nq	97
52) Acenaphthene	14.63	154	666712	45.788	nq	99
53) 3-Nitroaniline	14.46	138	181435	39.928	nq	98
54) 2,4-Dinitrophenol	14.67	184	177317	86.502	nq	97
55) Dibenzofuran	14.96	168	1025400	51.156	nq	99
56) 4-Nitrophenol	14.79	139	322656	92.660	nq	95
57) 2,4-Dinitrotoluene	14.92	165	276985	50.871	nq	96
58) Fluorene	15.62	166	795785	50.089	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	228619	51.263	nq	97
60) Diethylphthalate	15.39	149	878273	49.599	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	416922	48.328	nq	99
62) 4-Nitroaniline	15.63	138	207403	46.219	nq	94
63) Azobenzene	15.90	77	820534	49.966	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	149562	55.329	nq	96
66) n-Nitrosodiphenylamine	15.82	169	752078	49.327	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	270289	46.417	nq	97
68) Hexachlorobenzene	16.62	284	291029	46.383	nq	98
69) Atrazine	16.77	200	271140	54.709	nq	99
70) Pentachlorophenol	16.97	266	320616	92.695	nq	100
71) Phenanthrene	17.35	178	1246460	50.193	nq	98
72) Anthracene	17.44	178	1287053	52.441	nq	98
73) Carbazole	17.71	167	1155551	50.972	nq	97
74) Di-n-butylphthalate	18.28	149	1426218	49.274	nq	98
75) Fluoranthene	19.36	202	1422801	50.097	nq	98
77) Benzidine	19.54	184	634593	58.300	nq	97
78) Pyrene	19.72	202	1430568	50.610	nq	98
80) Butylbenzylphthalate	20.61	149	675122	50.167	nq	99
81) Benzo(a)anthracene	21.54	228	1373495	51.150	nq	97
82) 3,3'-Dichlorobenzidine	21.46	252	461368	43.490	nq	99
83) Chrysene	21.60	228	1303634	51.093	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	938410	50.537	nq	99
85) Di-n-octyl phthalate	22.64	149	1638931	52.501	nq	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1705769	49.194	nq	# 90
88) Benzo(b)fluoranthene	23.68	252	1471876	49.479	nq	99
89) Benzo(k)fluoranthene	23.75	252	1382230	48.863	nq	98
90) Benzo(a)pyrene	24.52	252	1346253	47.950	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	1401259	49.695	nq	99
92) Benzo(g,h,i)perylene	29.28	276	1437236	51.314	nq	98

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



#1

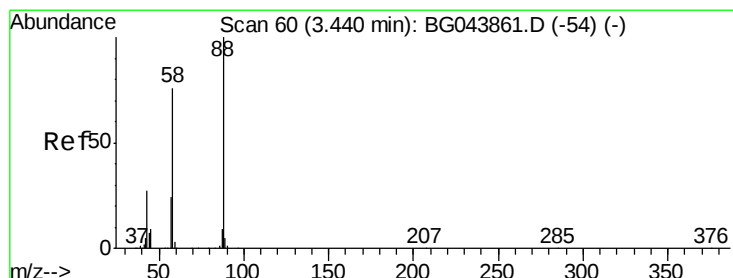
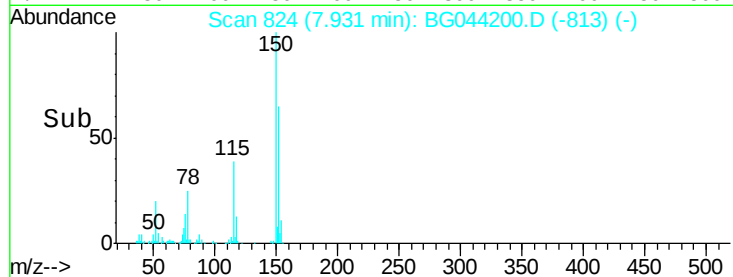
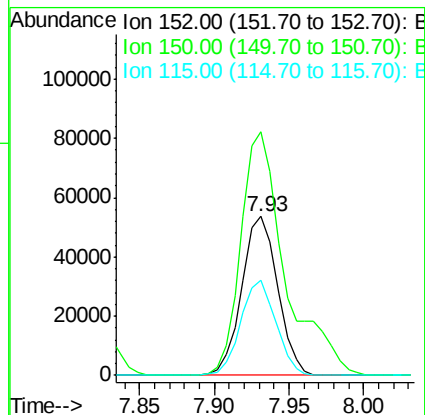
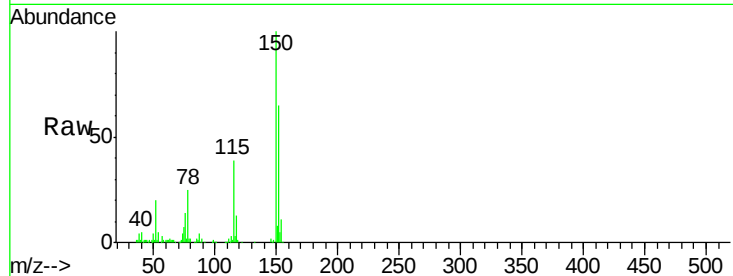
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.0	190.4
115	60.0	47.8	71.8

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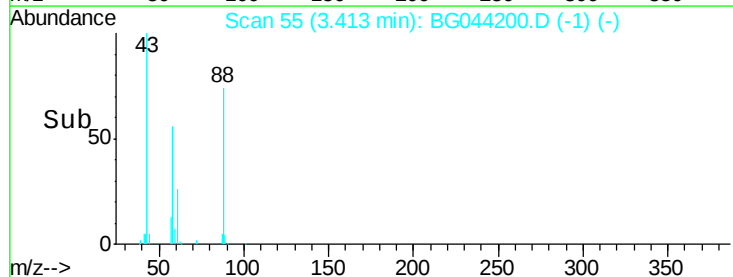
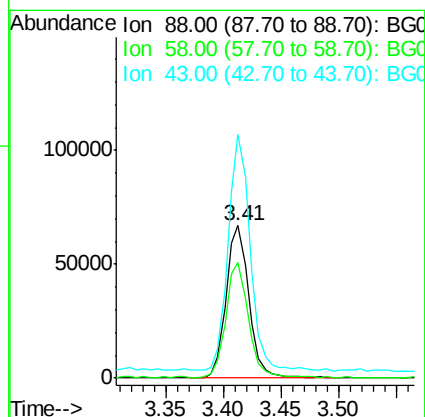
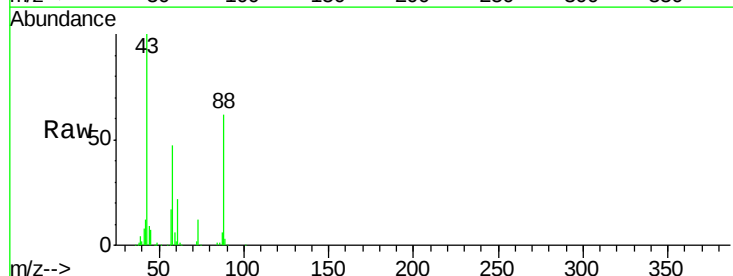
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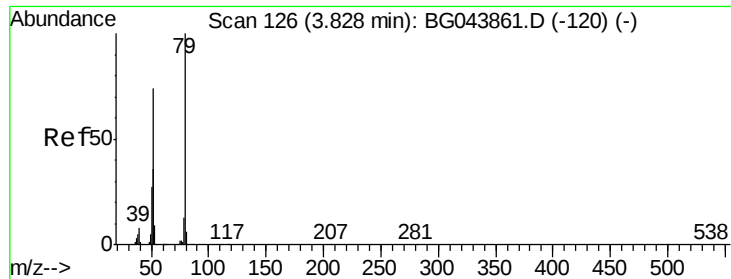


#2

1,4-Dioxane
Concen: 43.105 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	59.8	89.8
43	148.7	22.9	34.3#





#3

Pvridine

Concen: 31.326 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

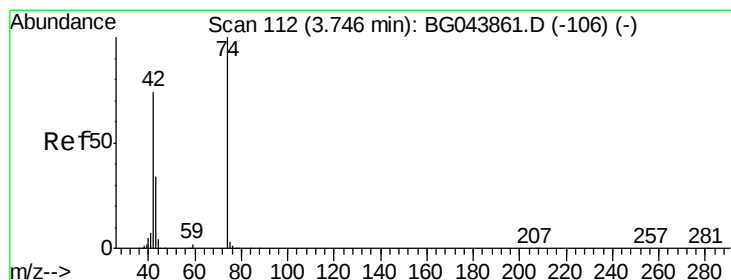
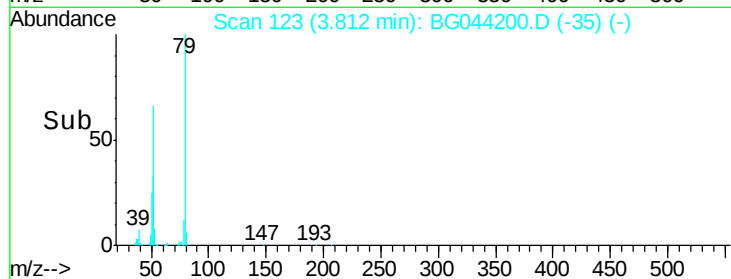
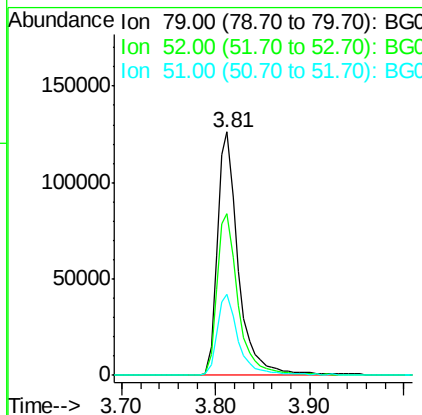
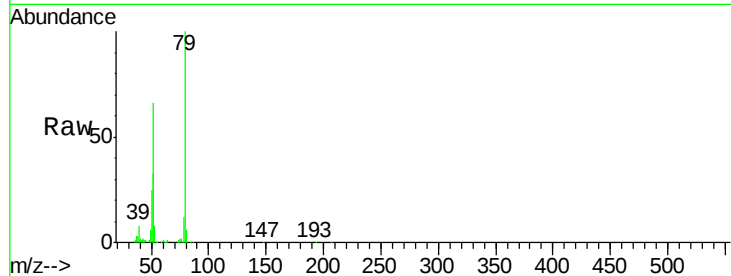
ClientSampleId :

JC-03-012320-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		196598		
52	66.2	58.9	88.3		
51	33.5	28.6	43.0		

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#4

n-Nitrosodimethylamine

Concen: 44.494 ng

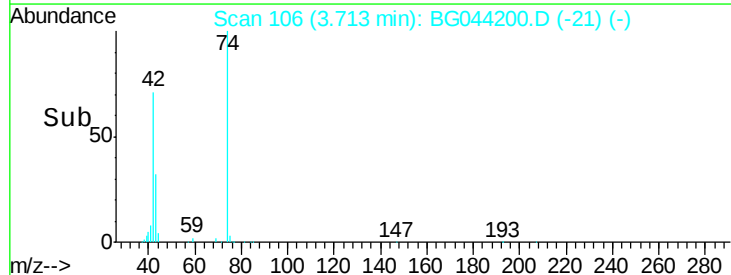
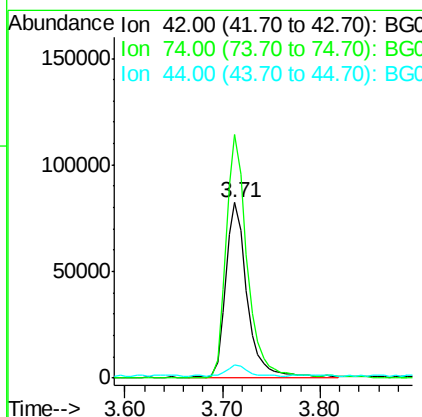
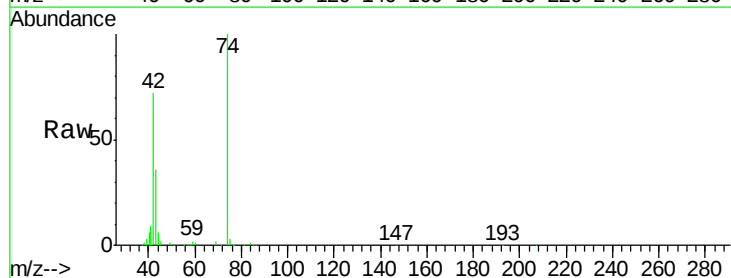
RT: 3.71 min Scan# 106

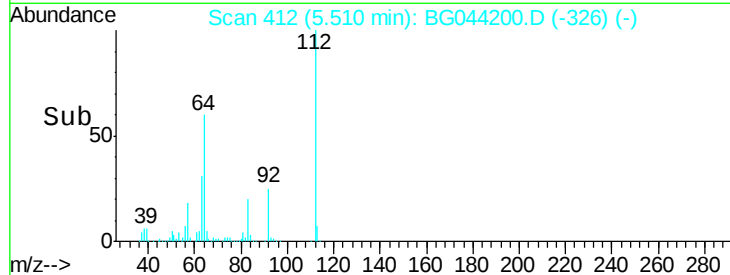
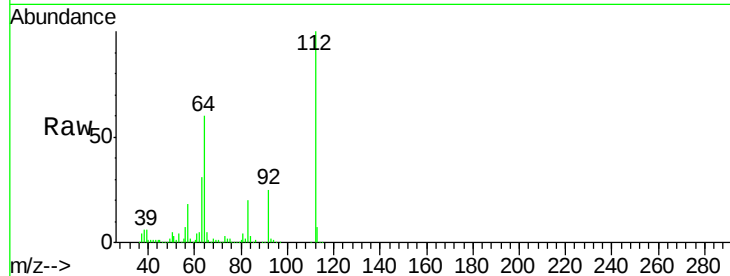
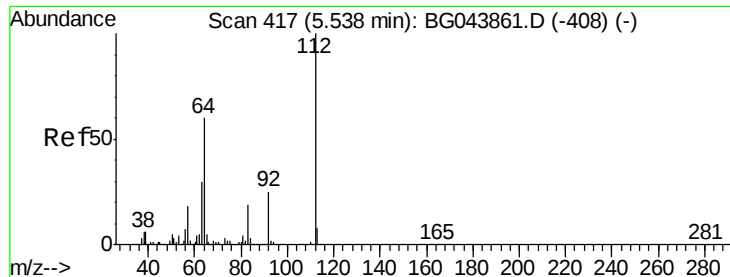
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		124324		
74	138.9	108.6	162.8		
44	7.7	5.0	7.6#		





#5

2-Fluorophenol

Concen: 149.138 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tot Ion	Ratio	Resp	Lower	Upper
112	100	726649		
64	59.7		47.8	71.6
63	30.8		24.3	36.5

Instrument :

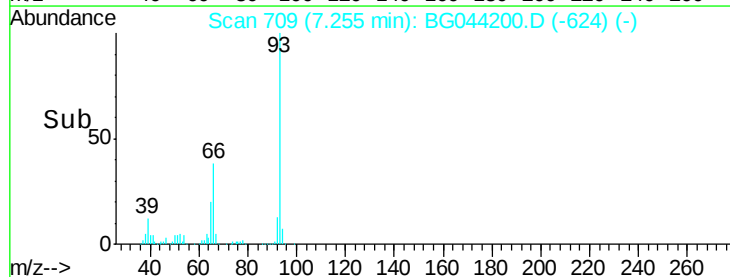
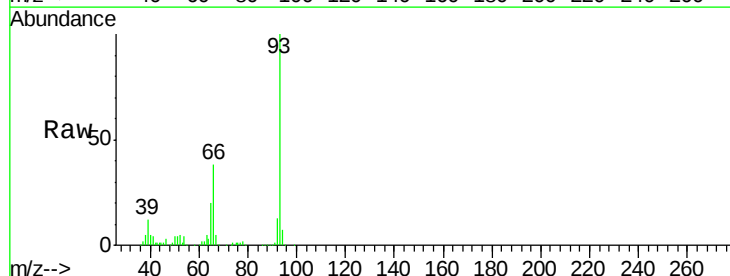
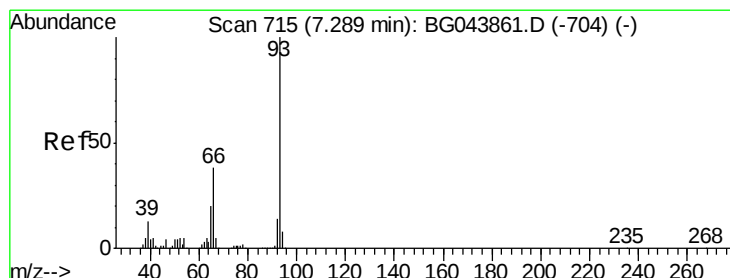
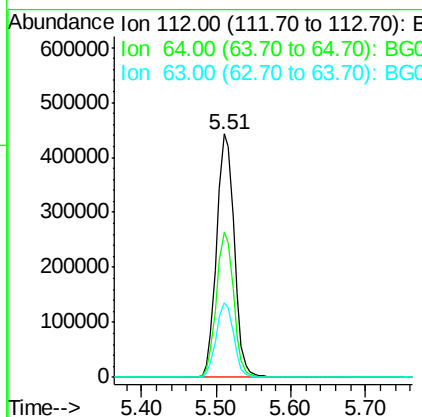
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#6

Aniline

Concen: 39.505 ng

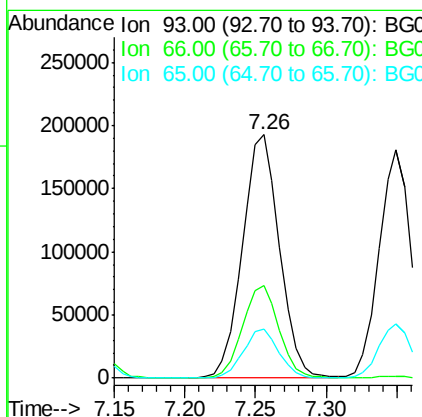
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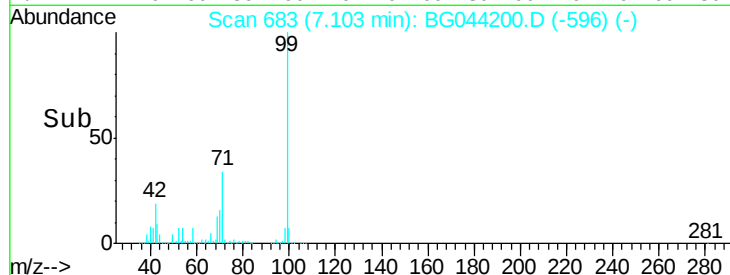
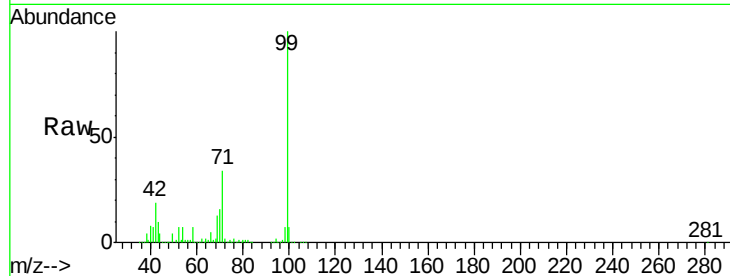
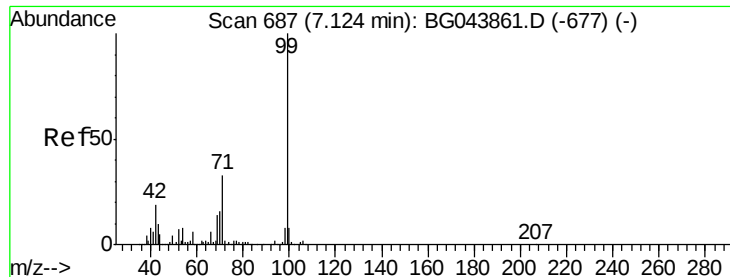
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353397		
66	37.9		30.8	46.2
65	20.1		16.0	24.0





#7

Phenol-d6

Concen: 129.901 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tot Ion:	99	Resp:	884709
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.9	22.3
71	33.6	26.4	39.6

Instrument :

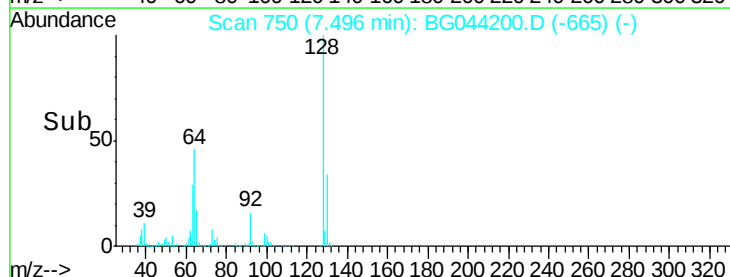
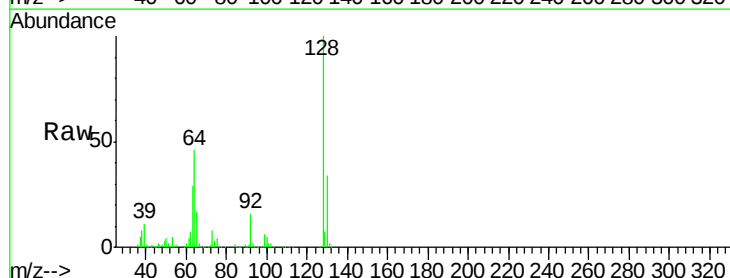
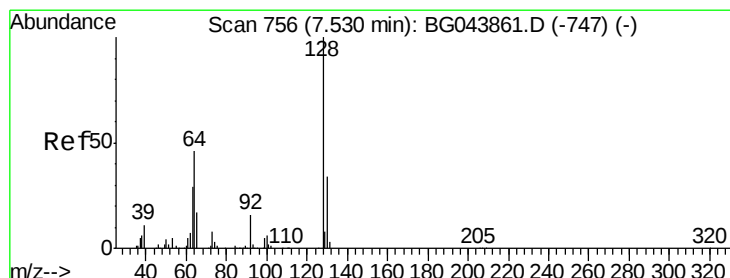
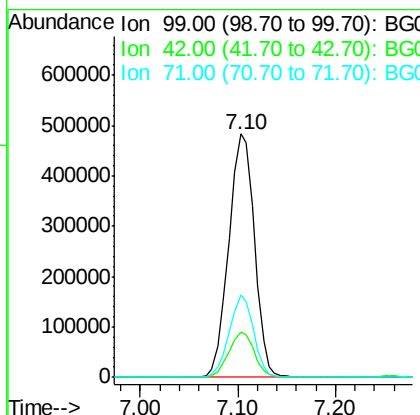
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#8

2-Chlorophenol

Concen: 54.059 ng

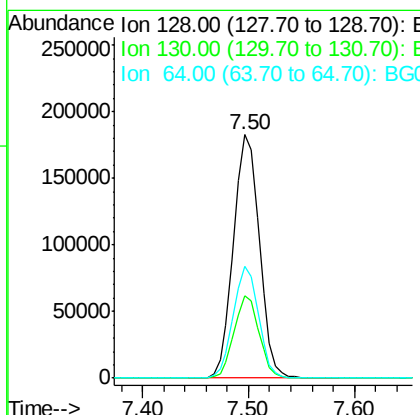
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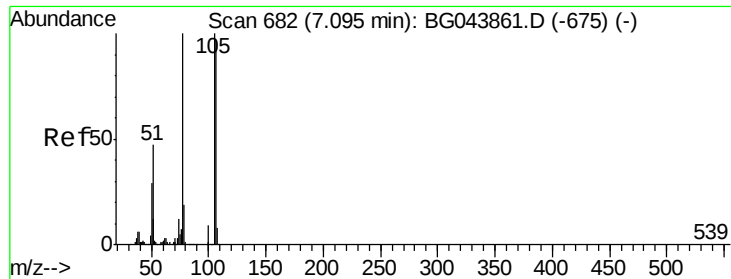
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	128	Resp:	309218
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.8	53.8
64	46.1	27.6	67.6





#9

Benzaldehyde

Concen: 33.212 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

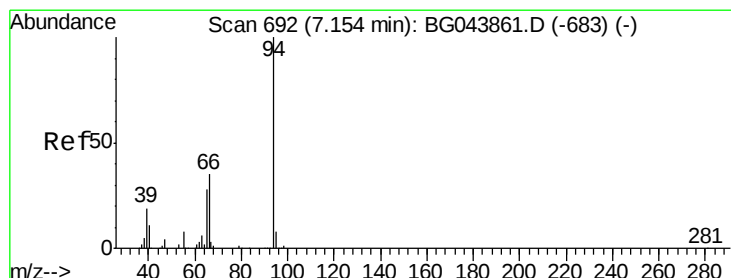
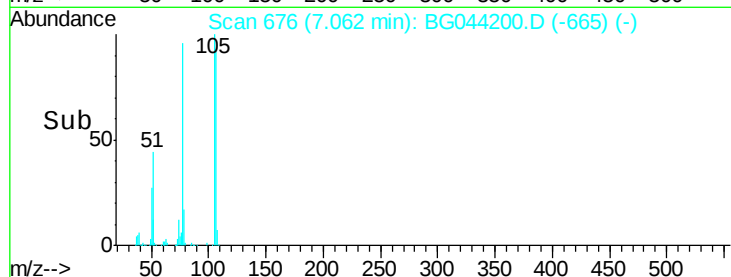
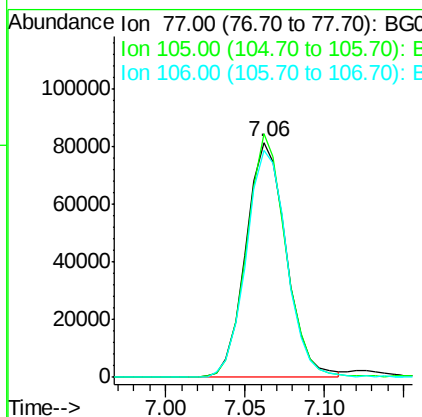
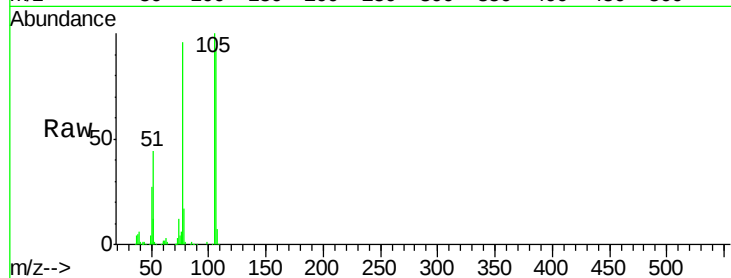
ClientSampleId :

JC-03-012320-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	80.2	120.2
106	96.8	77.2	117.2

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#10

Phenol

Concen: 47.725 ng

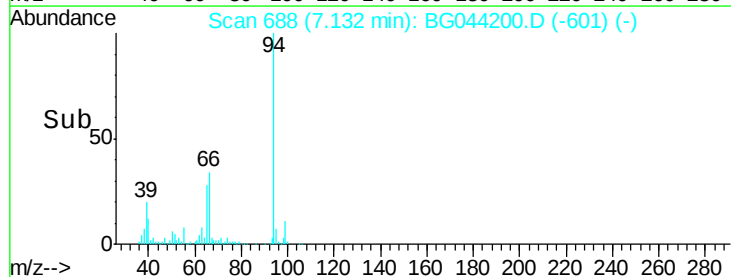
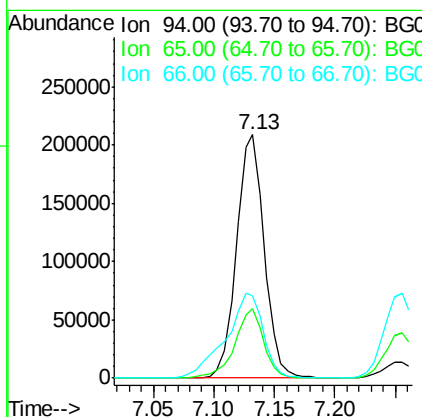
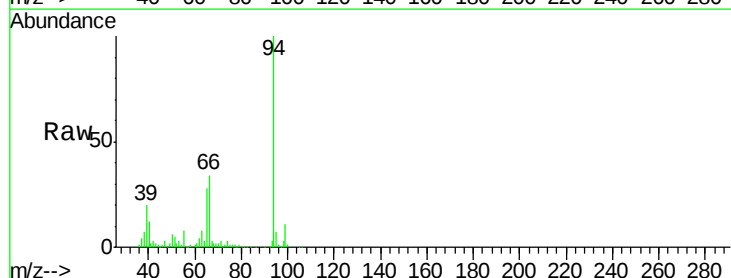
RT: 7.13 min Scan# 688

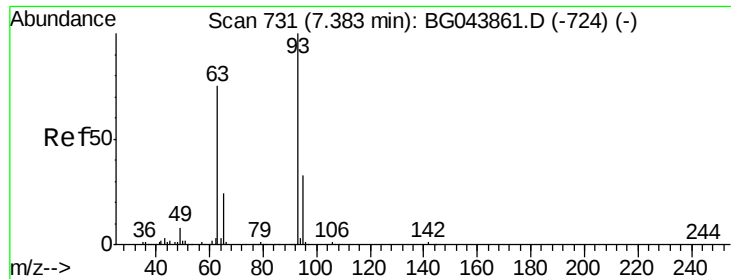
Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.1	48.1
66	33.8	15.6	55.6





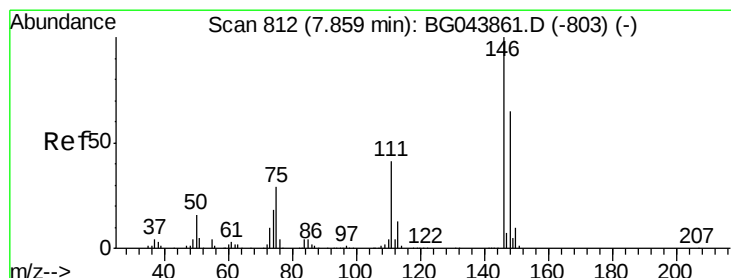
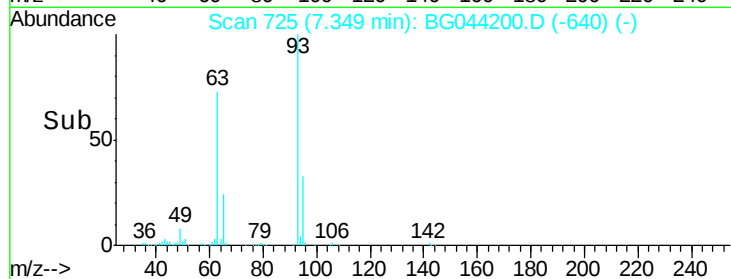
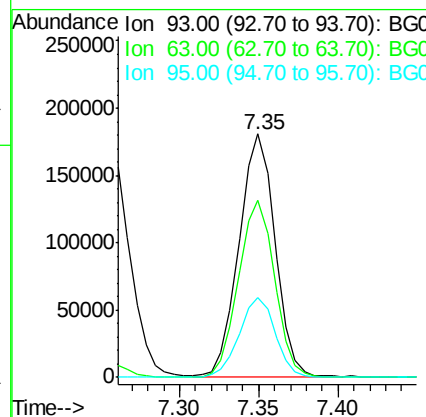
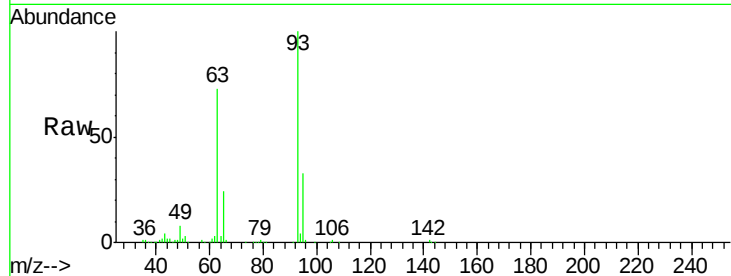
#11
bis(2-Chloroethyl)ether
Concen: 46.745 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	283141		
63	72.9		55.0	95.0
95	32.6		13.3	53.3

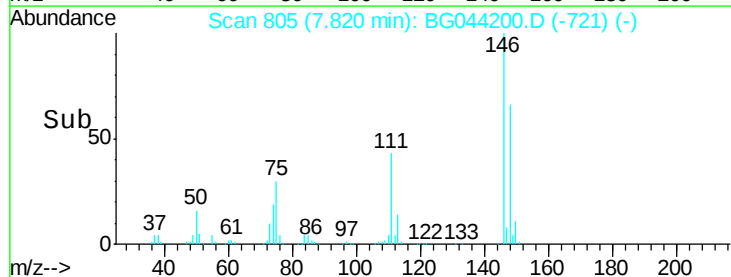
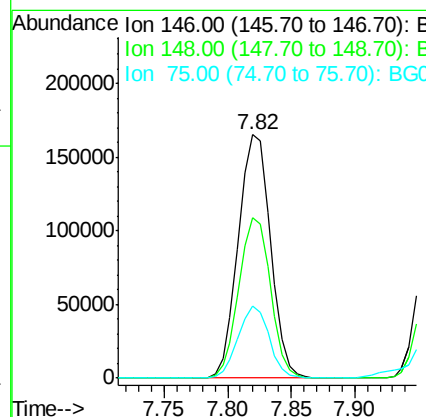
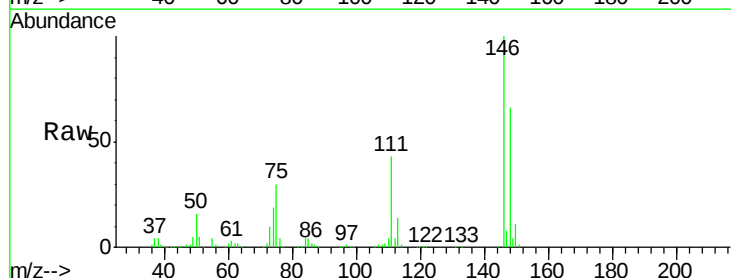
Manual Integrations
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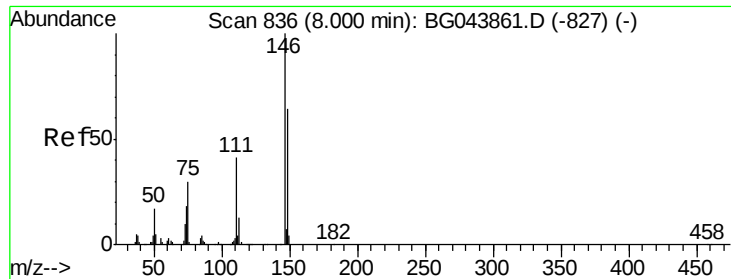
mohammad
1/28/2020 8:11:44 AM



#12
1,3-Dichlorobenzene
Concen: 43.453 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290856		
148	65.8		52.1	78.1
75	29.7		23.0	34.4





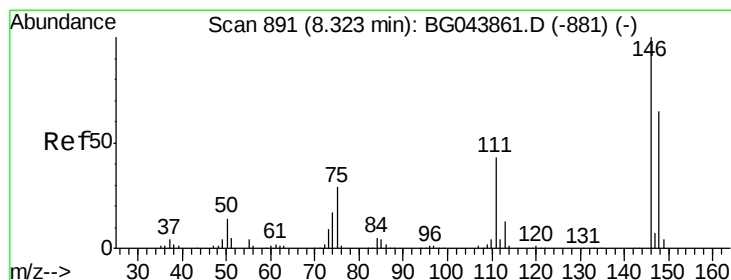
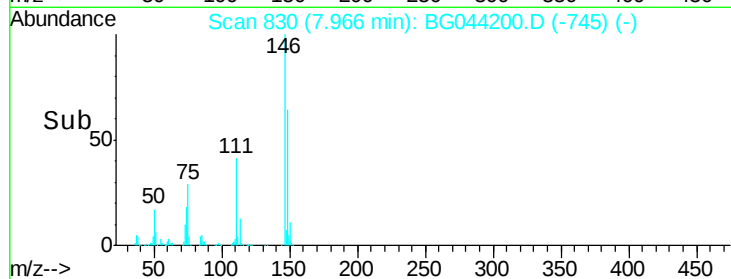
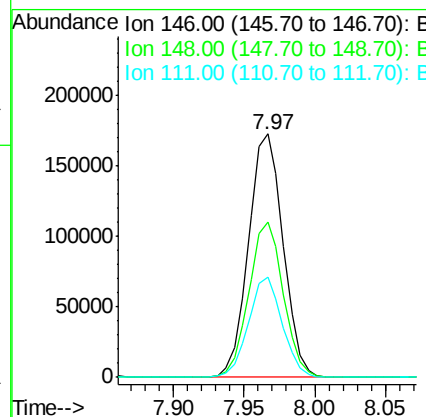
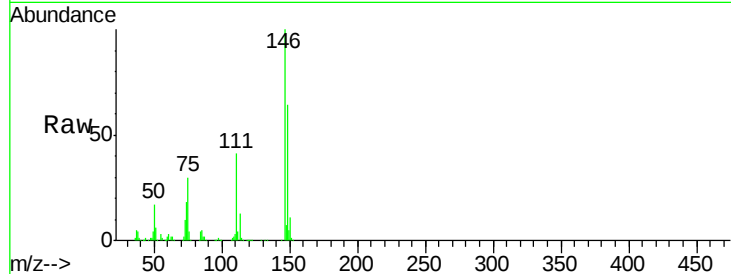
#13
1,4-Dichlorobenzene
Concen: 44.882 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	41.4	33.1	49.7

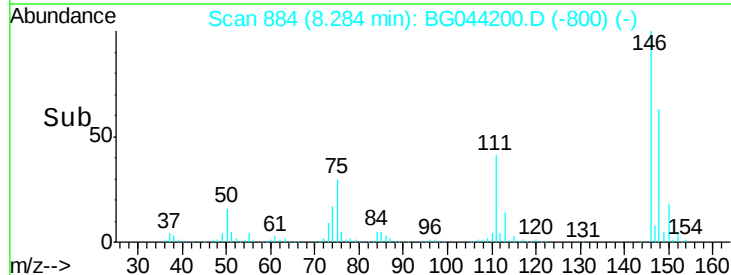
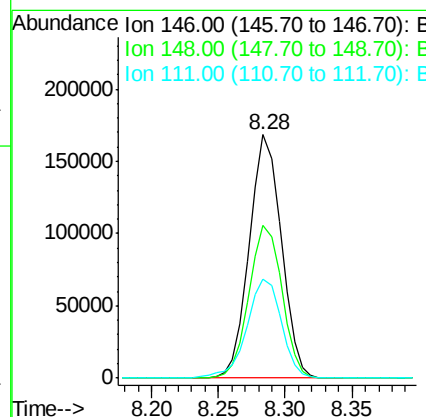
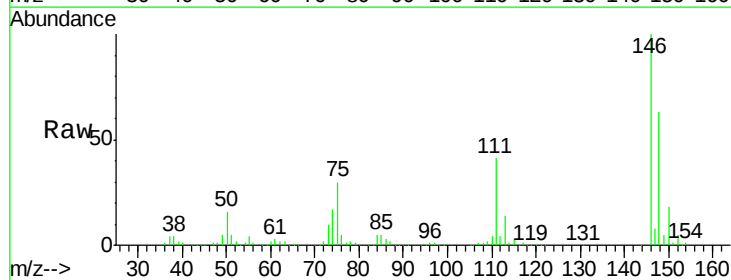
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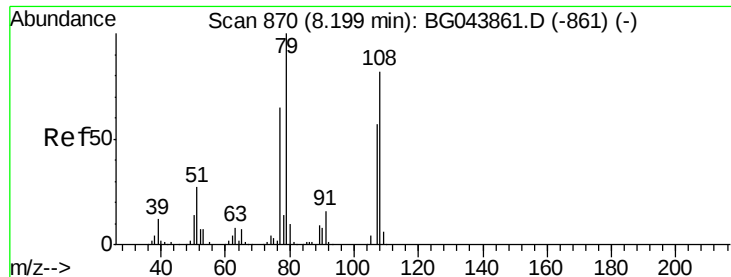
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.116 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.04 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.7	77.5
111	40.9	34.4	51.6





#15

Benzyl Alcohol

Concen: 48.391 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

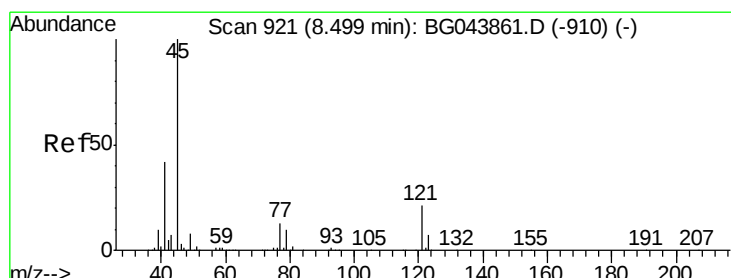
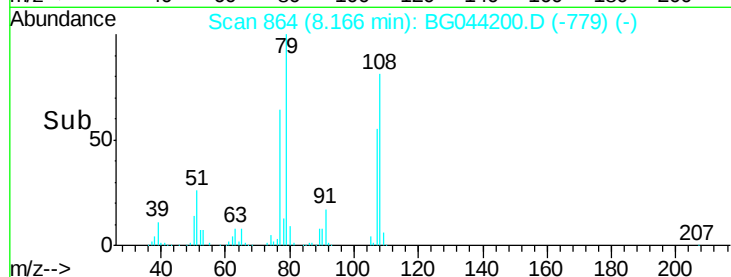
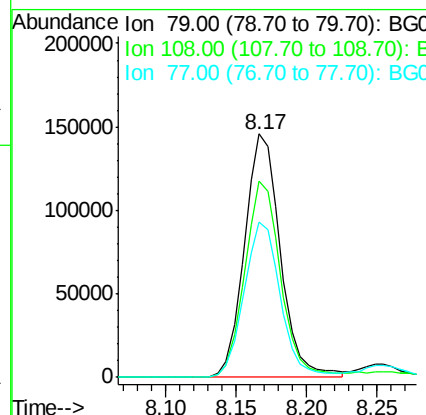
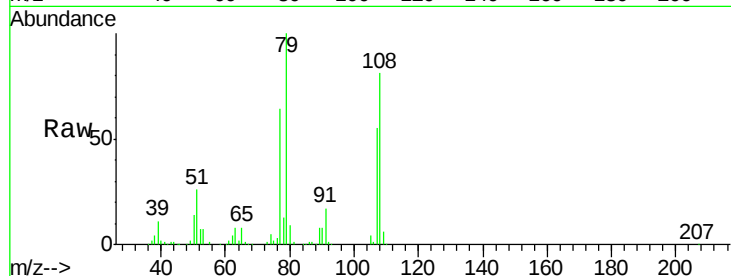
ClientSampleId :

JC-03-012320-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.6	98.4
77	63.7	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.268 ng

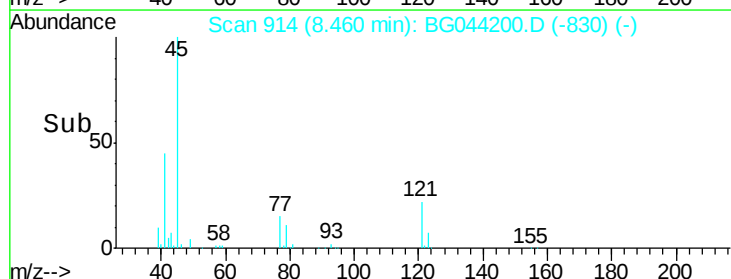
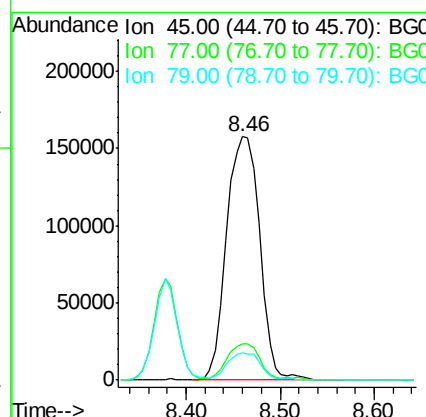
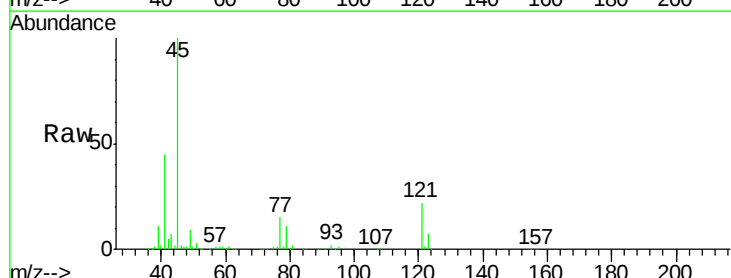
RT: 8.46 min Scan# 914

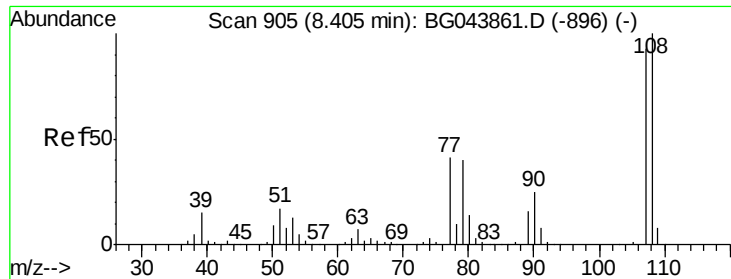
Delta R.T. -0.04 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.8
79	11.0	0.0	31.0





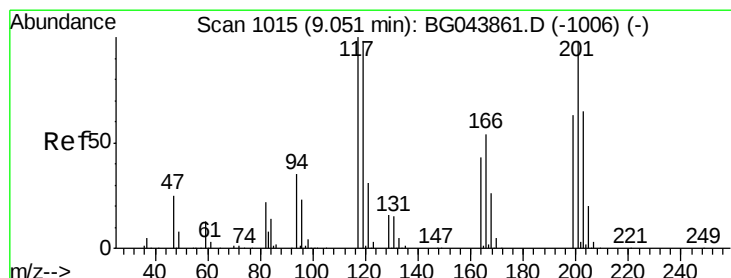
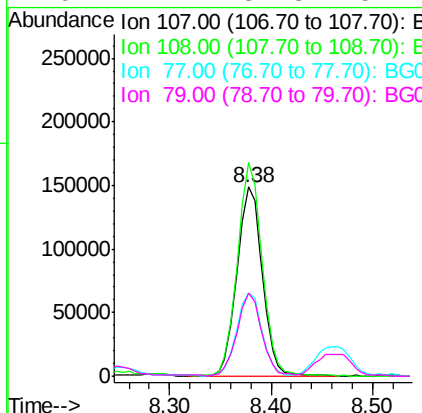
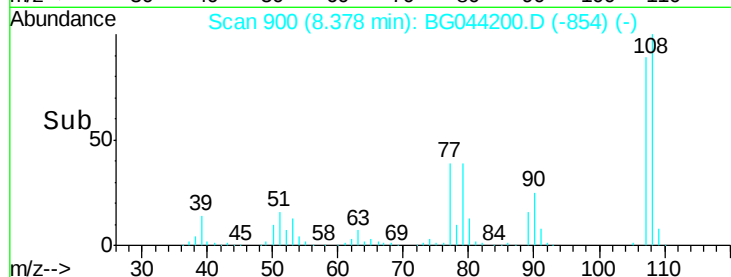
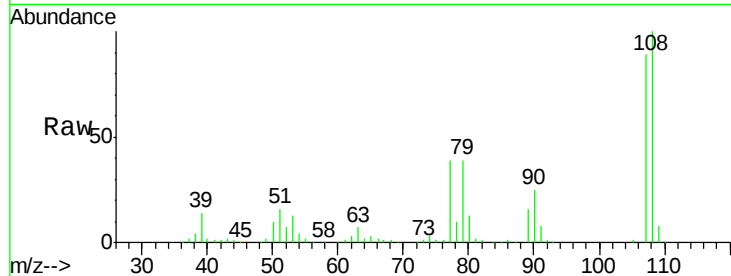
#17
2-Methylphenol
Concen: 50.906 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	86.1	129.1	
77	44.1	35.4	53.0	
79	44.1	34.8	52.2	

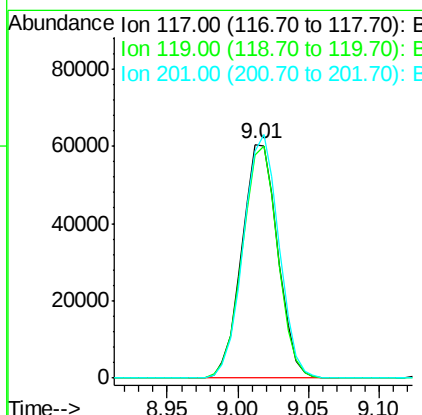
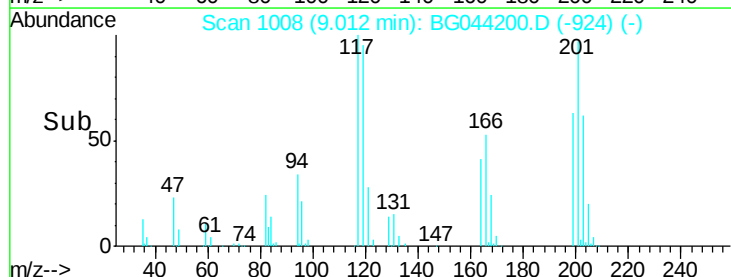
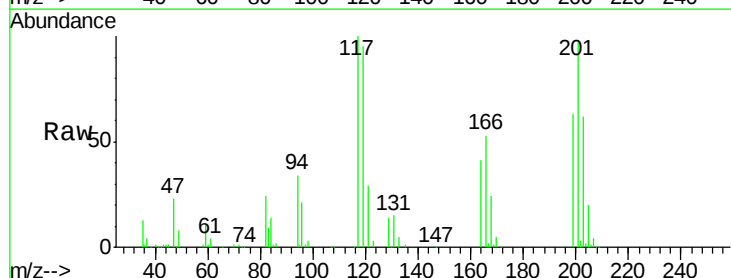
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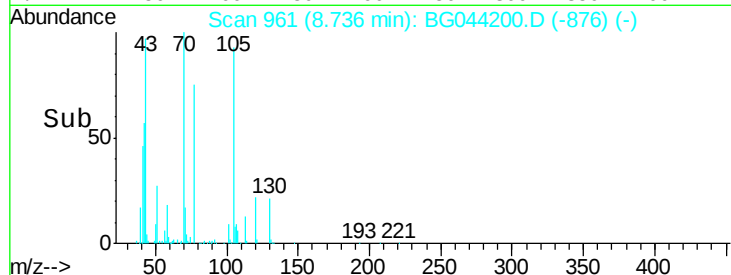
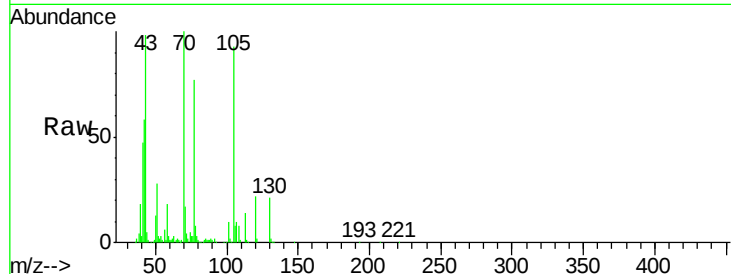
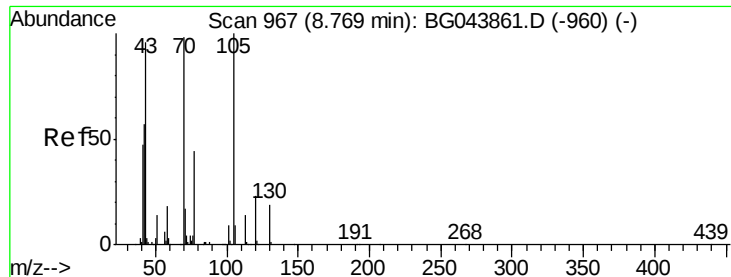
mohammad
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#18
Hexachloroethane
Concen: 41.942 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	78.1	117.1	
201	97.1	78.6	117.8	





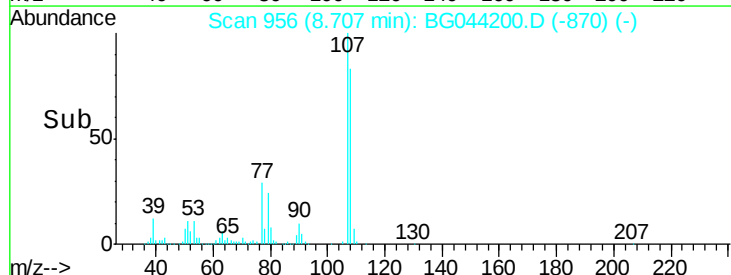
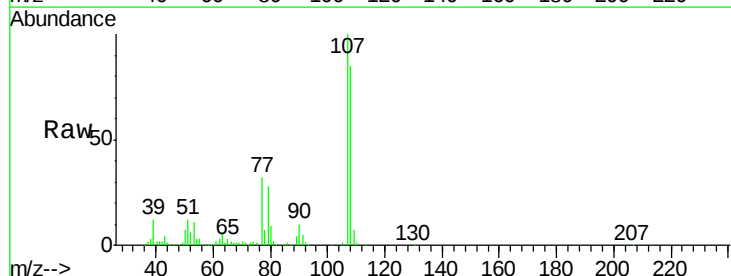
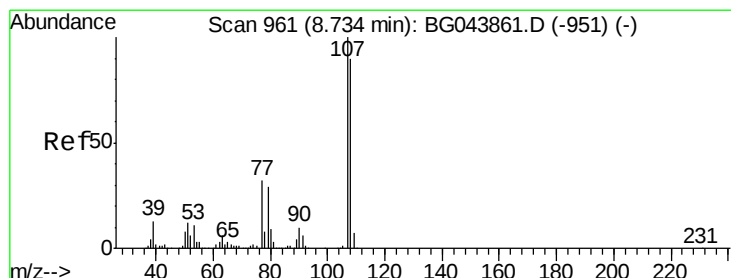
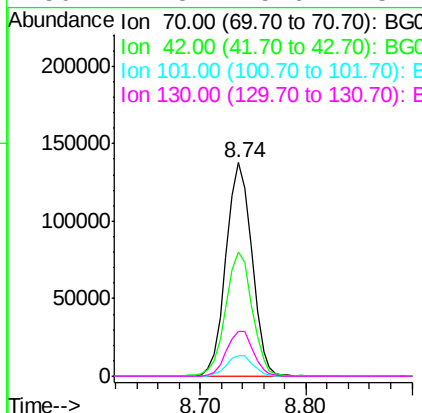
#19
n-Nitroso-di-n-propylamine
Concen: 46.015 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	47.0	70.4	
101	9.7	7.2	10.8	
130	21.3	15.6	23.4	

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

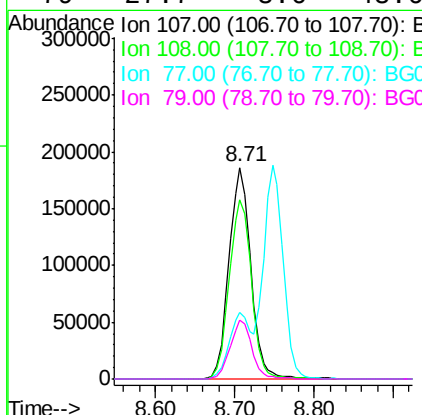
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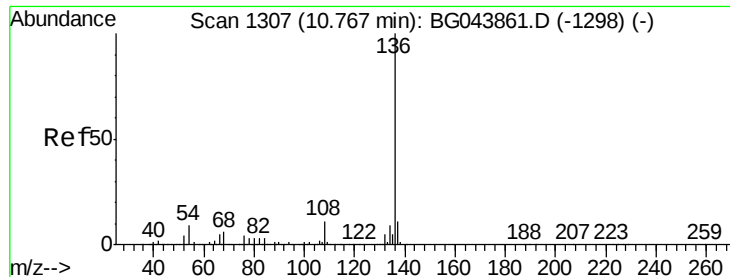
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#20
3+4-Methylphenols
Concen: 50.037 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	70.3	110.3	
77	31.6	12.4	52.4	
79	27.7	8.6	48.6	





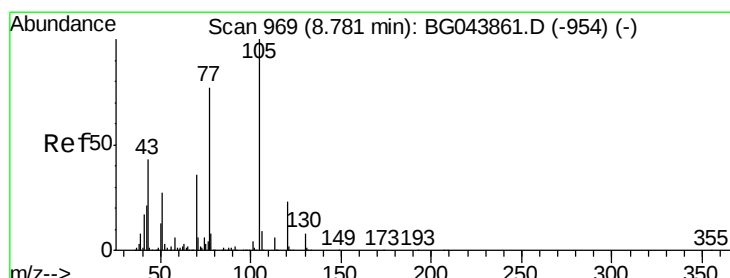
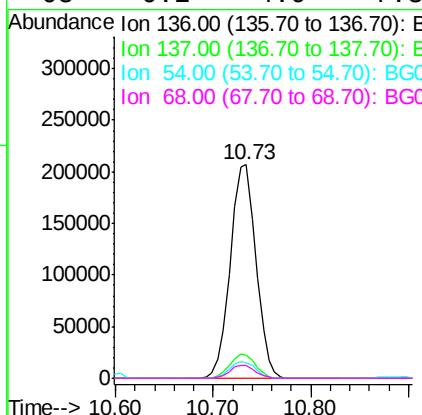
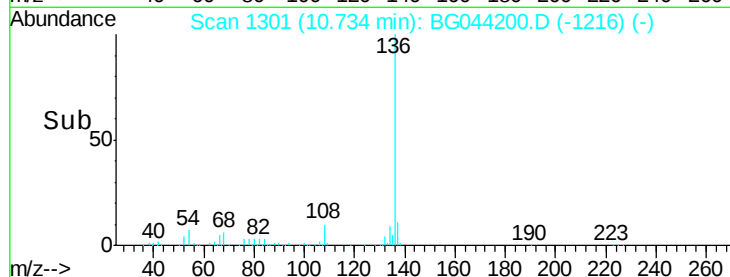
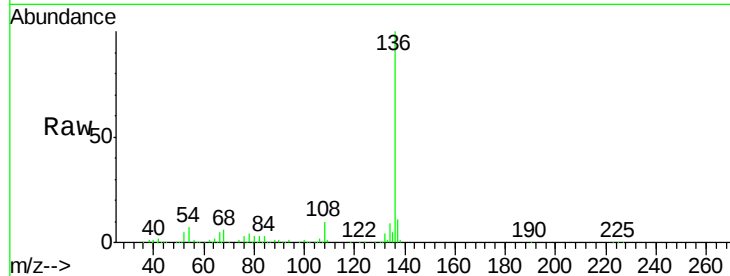
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	377878		
137	10.9		8.8	13.2
54	7.5		7.0	10.4
68	6.2		4.9	7.3

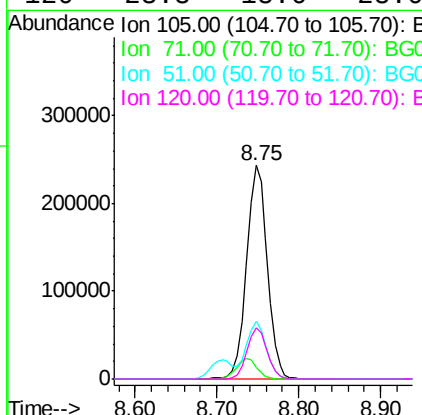
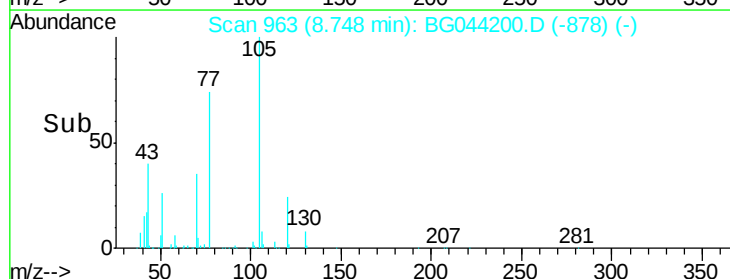
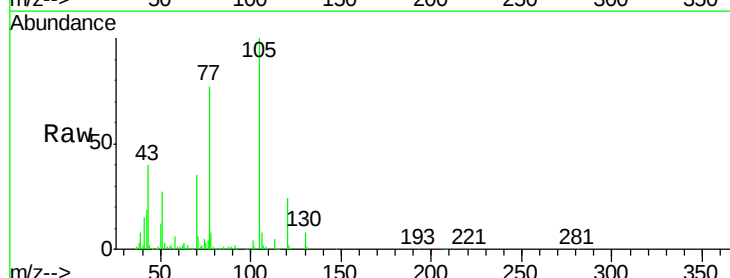
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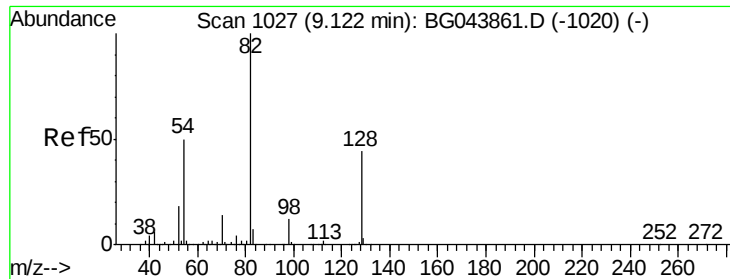
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#22
Acetophenone
Concen: 45.726 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429570		
71	5.6		4.8	7.2
51	26.9		21.4	32.0
120	23.8		18.6	28.0





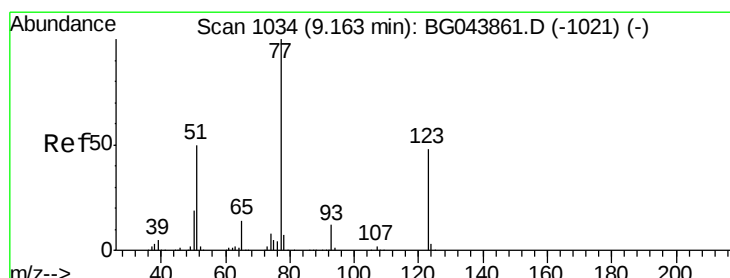
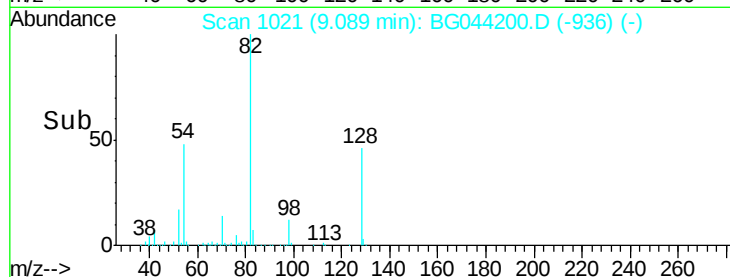
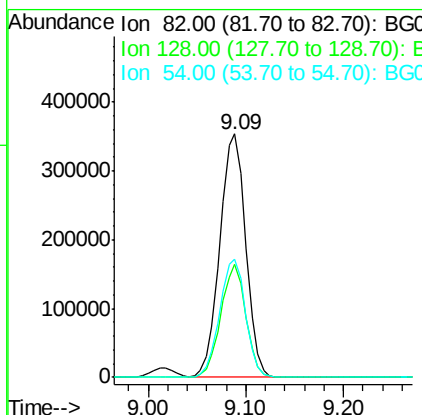
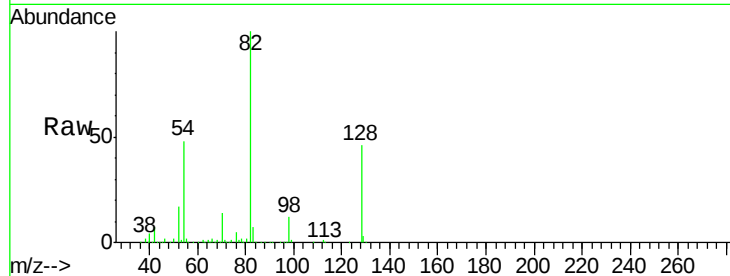
#23
Nitrobenzene-d5
Concen: 92.048 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	650195		
128	46.2		35.1	52.7
54	48.4		40.1	60.1

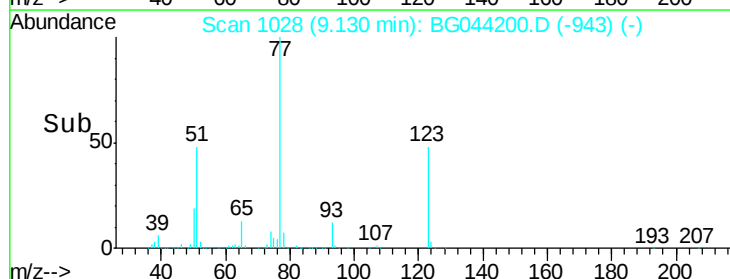
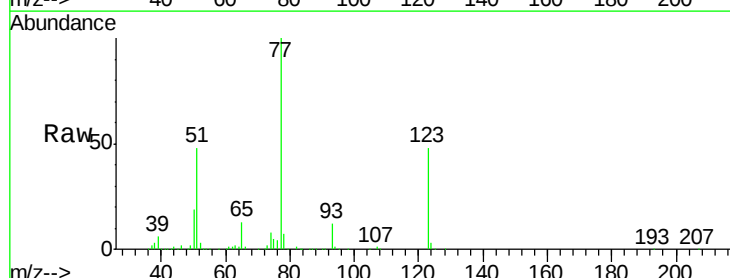
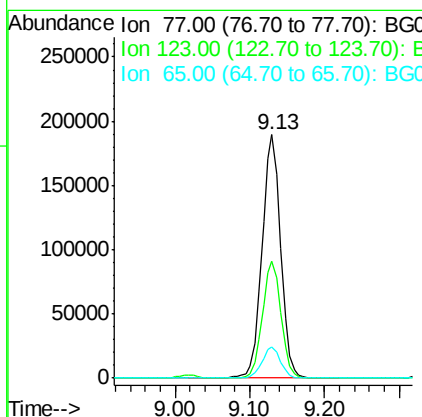
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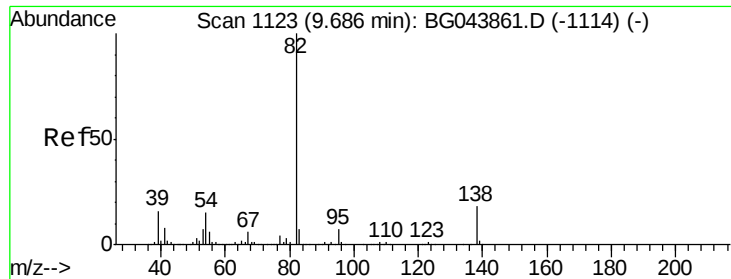
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#24
Nitrobenzene
Concen: 46.905 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	328148		
123	47.8		38.7	58.1
65	12.6		11.1	16.7





#25

Isophorone

Concen: 48.655 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

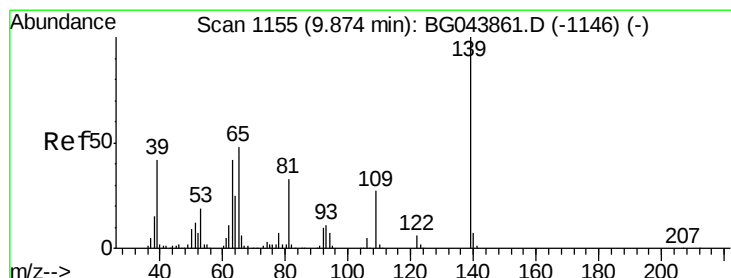
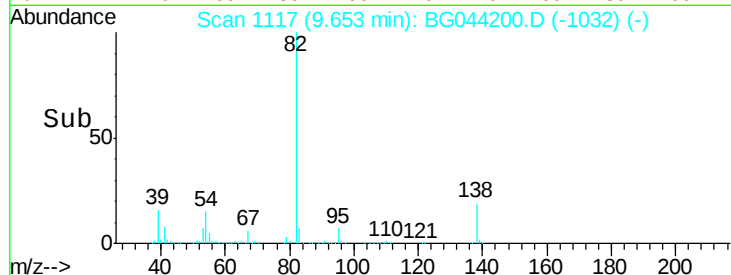
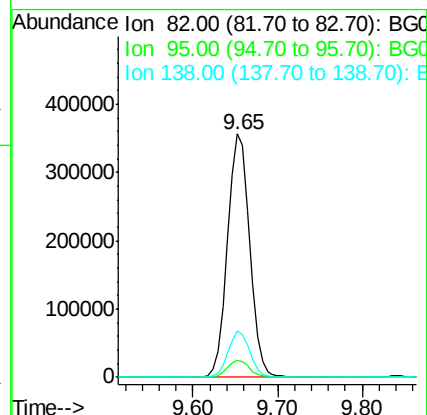
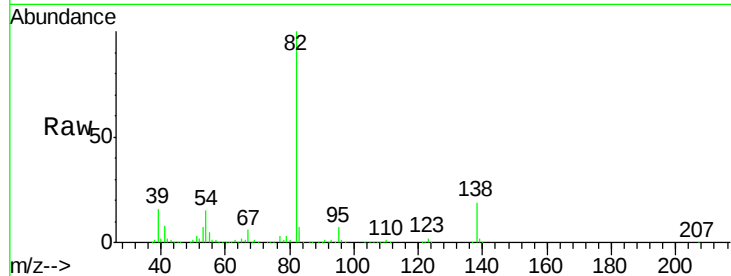
ClientSampleId :

JC-03-012320-AMS

Tot Ion:	82	Resp:	644792
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.9	14.6	22.0

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#26

2-Nitrophenol

Concen: 52.663 ng

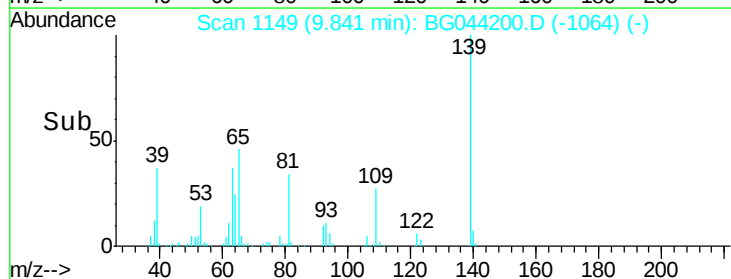
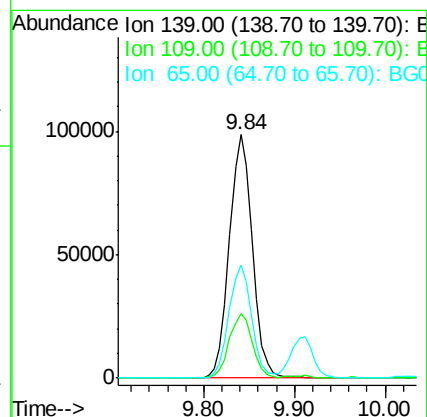
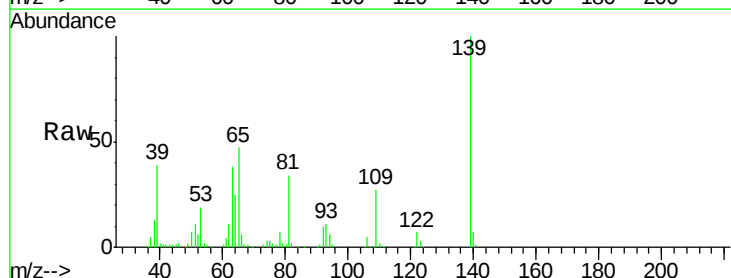
RT: 9.84 min Scan# 1149

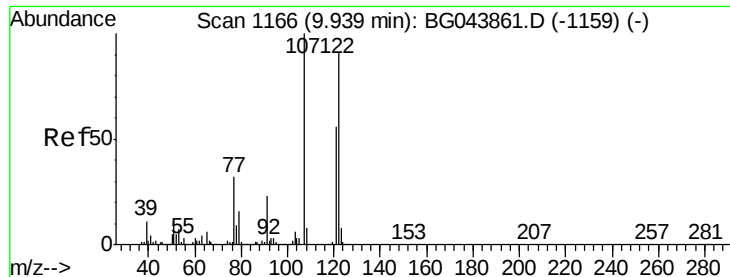
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	139	Resp:	174310
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.3	31.9
65	46.7	38.6	57.8





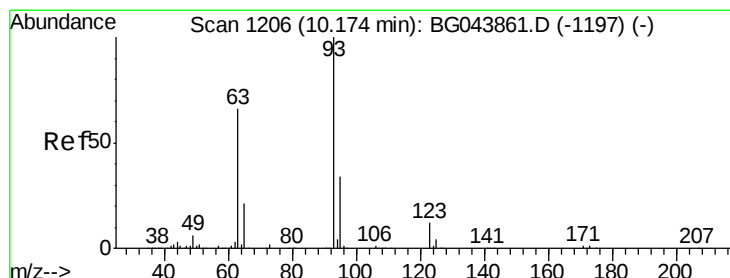
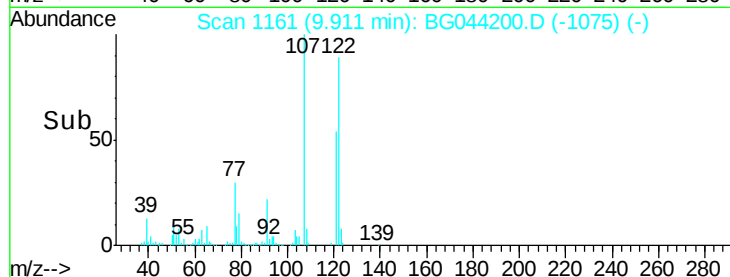
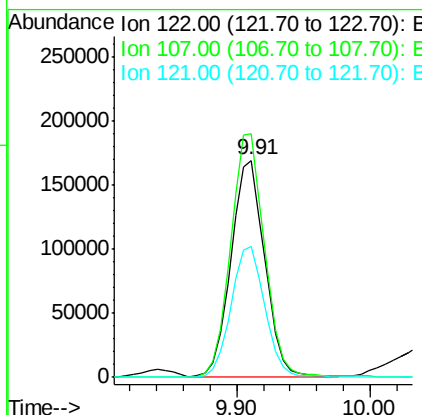
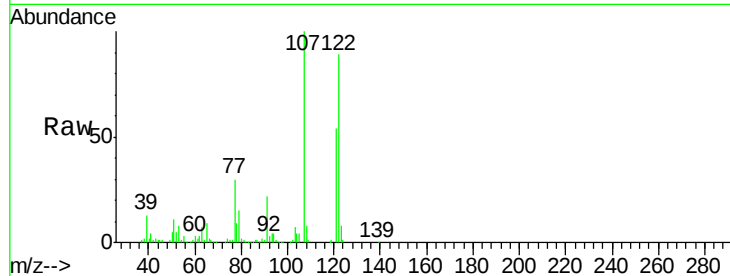
#27
 2,4-Dimethylphenol
 Concen: 59.249 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	295203		
107	112.0	88.0	132.0	
121	60.5	49.0	73.4	

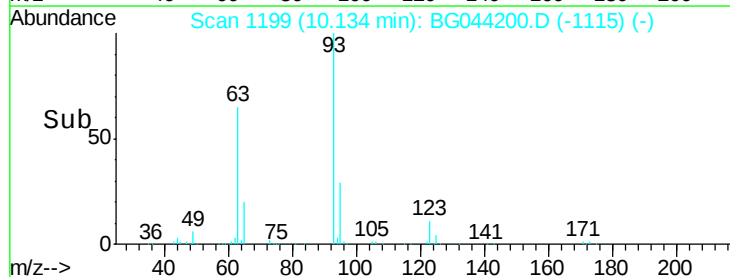
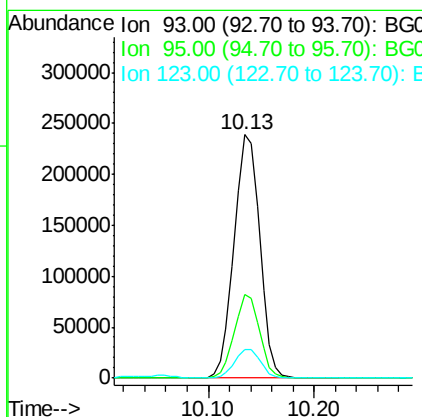
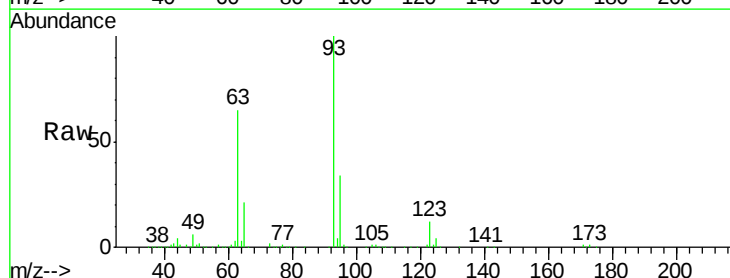
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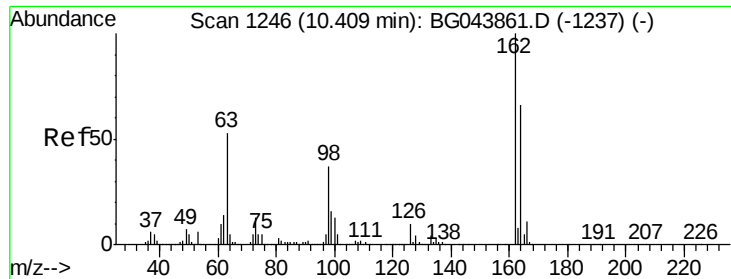
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.481 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	401827		
95	34.4	27.2	40.8	
123	11.9	9.7	14.5	





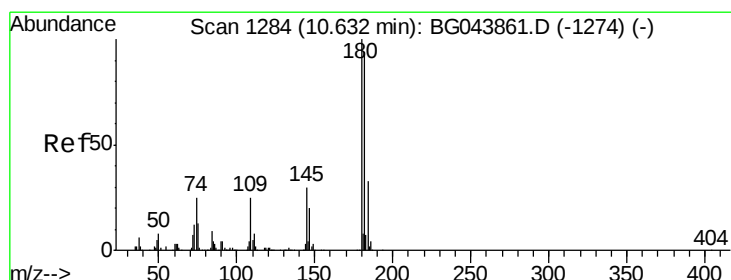
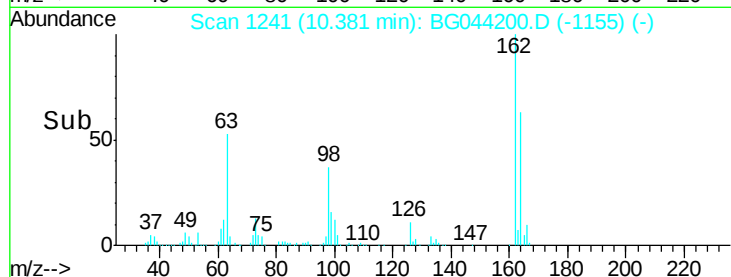
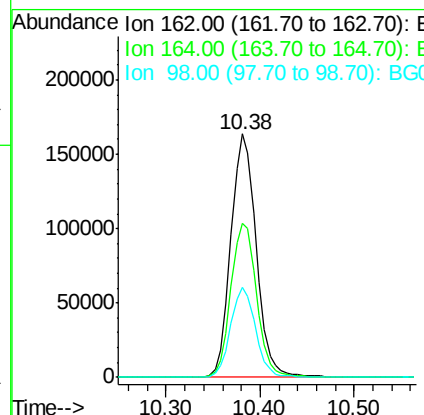
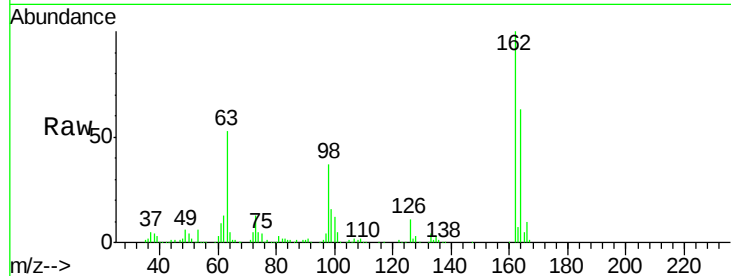
#29
 2,4-Dichlorophenol
 Concen: 51.711 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307330		
164	63.4	46.3	86.3	
98	37.1	17.3	57.3	

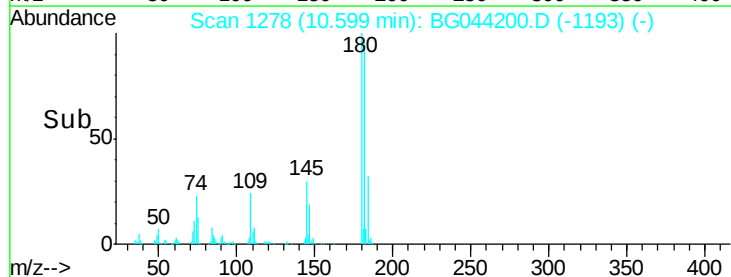
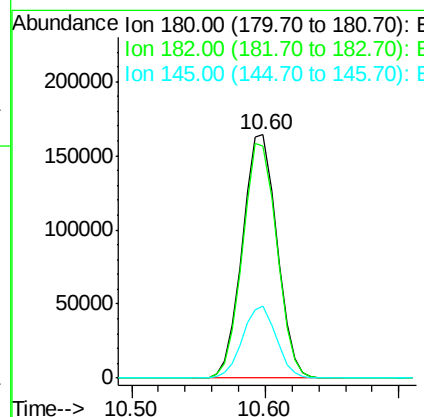
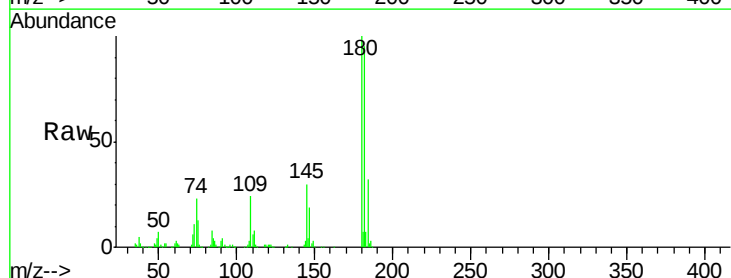
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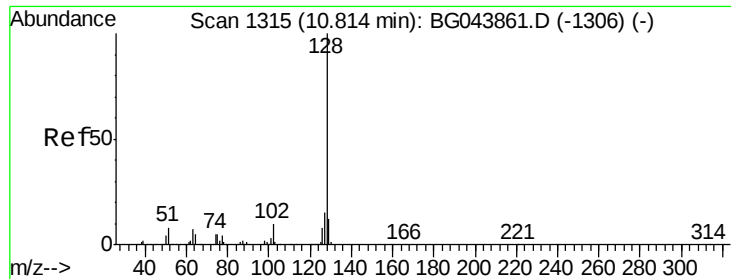
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.221 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294682		
182	95.4	75.0	112.4	
145	29.6	24.2	36.4	





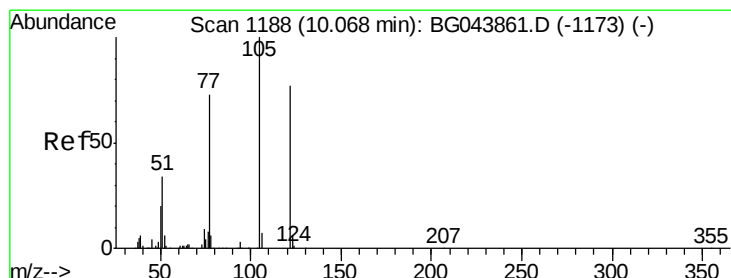
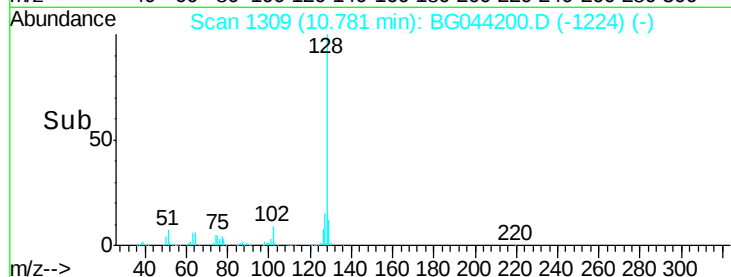
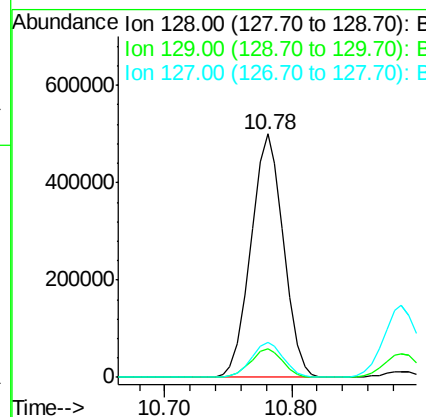
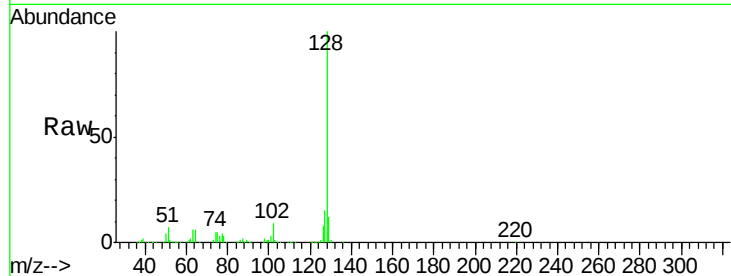
#31
Naphthalene
Concen: 48.699 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	9.8	14.6	
127	14.5	12.0	18.0	

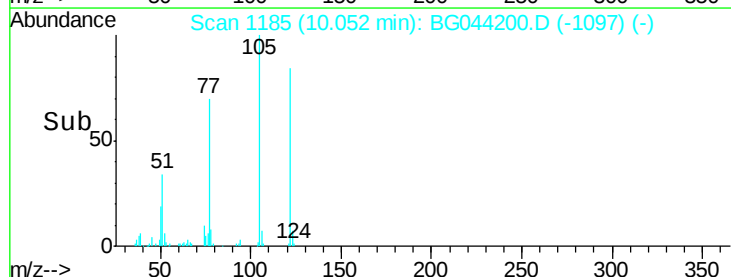
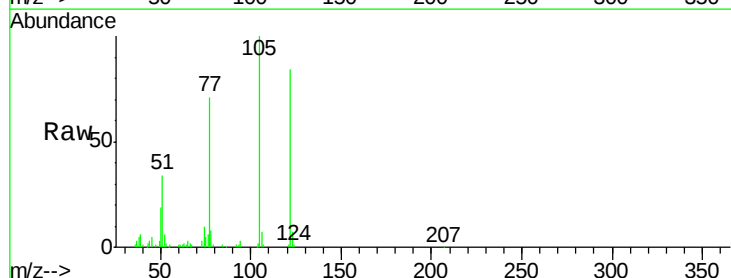
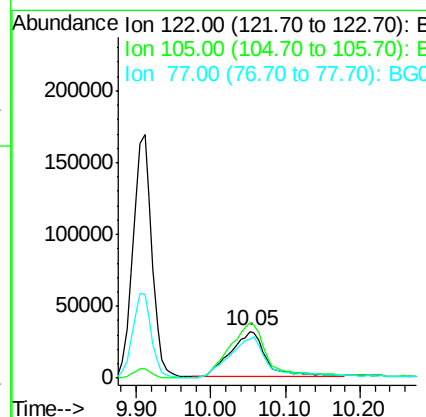
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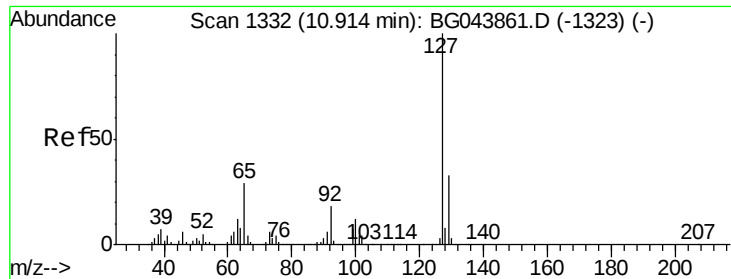
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#32
Benzoic acid
Concen: 29.137 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	118.4	106.4	146.4	
77	83.5	74.6	114.6	





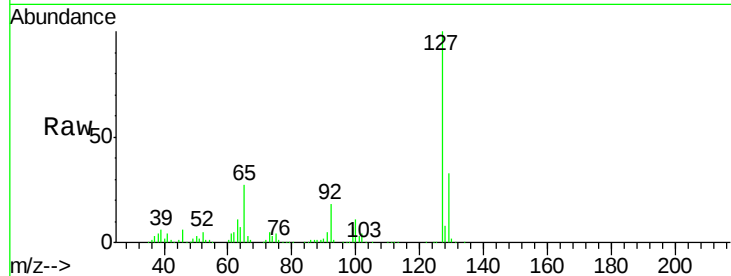
#33
4-Chloroaniline
Concen: 34.264 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

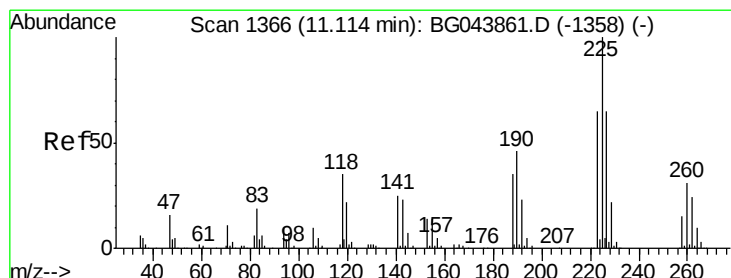
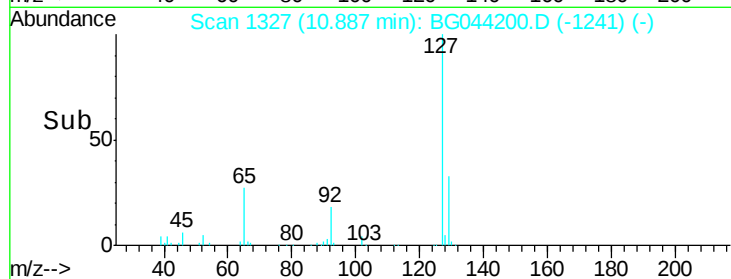
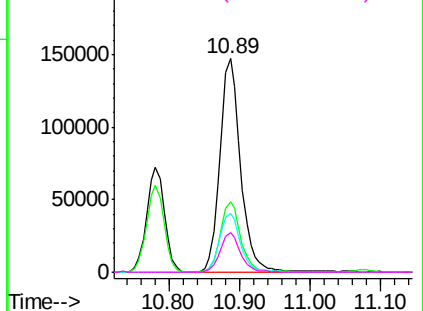
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		298847		
129	33.1	26.6	40.0		
65	27.5	23.3	34.9		
92	18.3	14.7	22.1		

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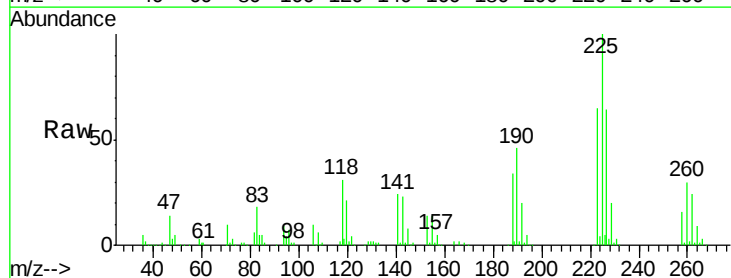


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

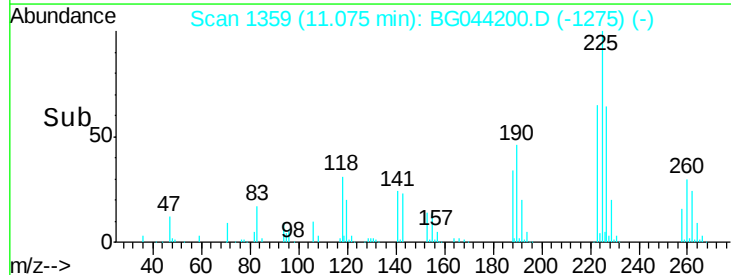
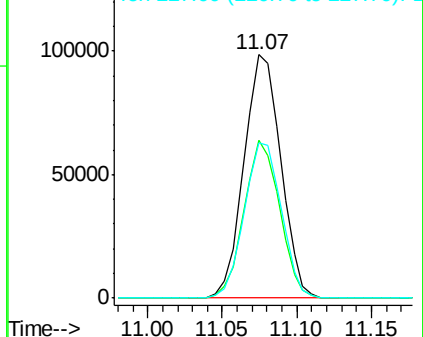


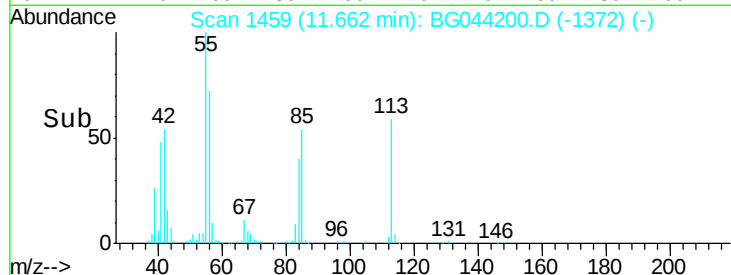
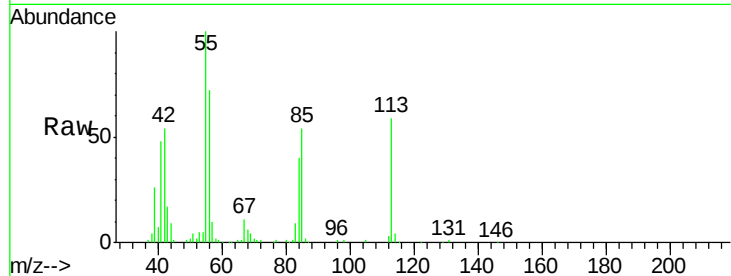
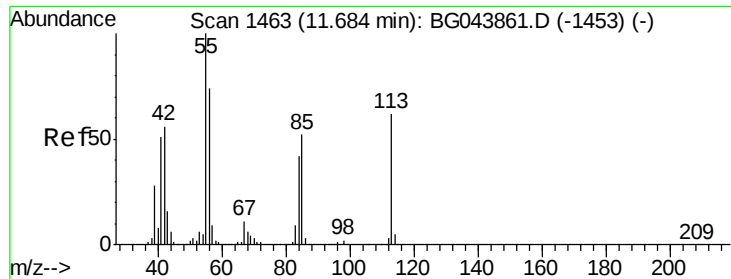
#34
Hexachlorobutadiene
Concen: 41.279 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		167947		
223	64.7	52.2	78.4		
227	63.5	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: 39.683 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMS

Tot Ion: 113 Resp: 87798

Ion Ratio Lower Upper

113 100

55 169.0 142.5 182.5

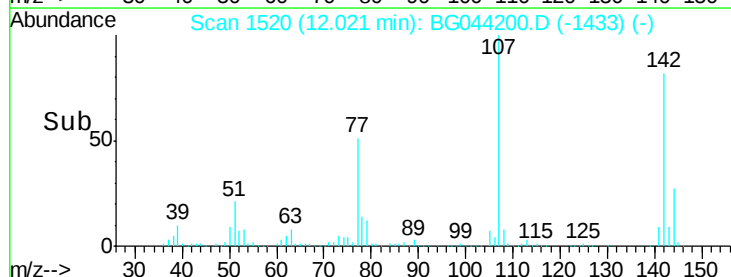
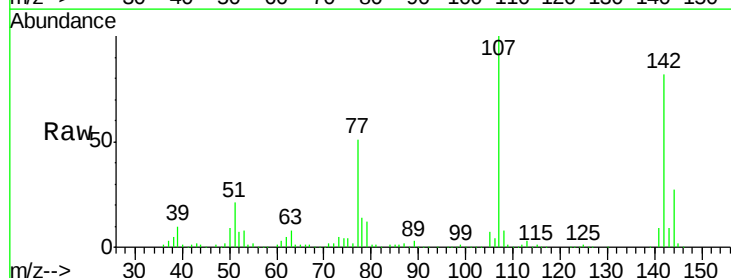
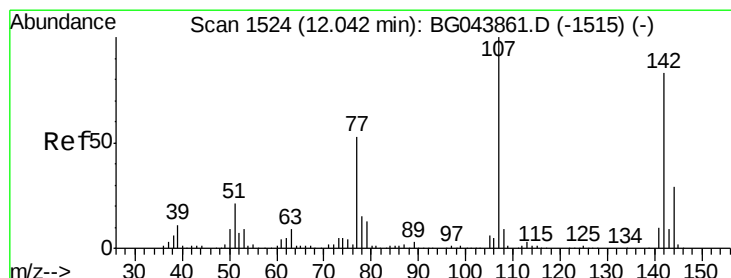
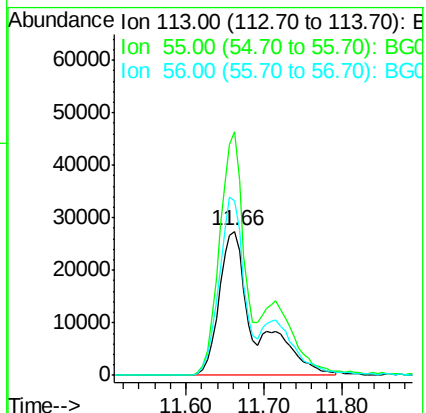
56 121.1 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 52.841 ng/mL

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

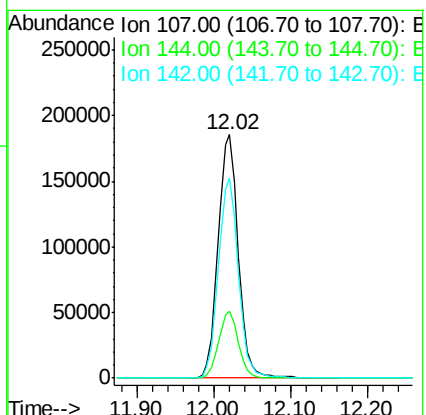
Tgt Ion: 107 Resp: 334320

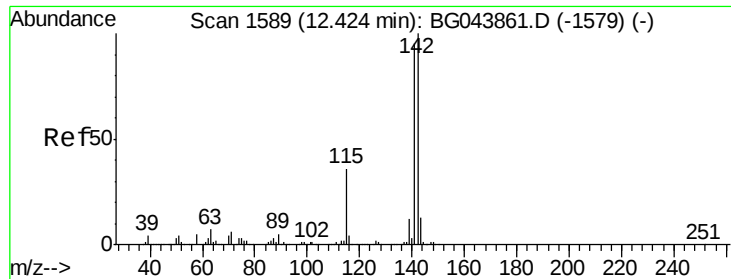
Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

142 82.3 66.3 99.5





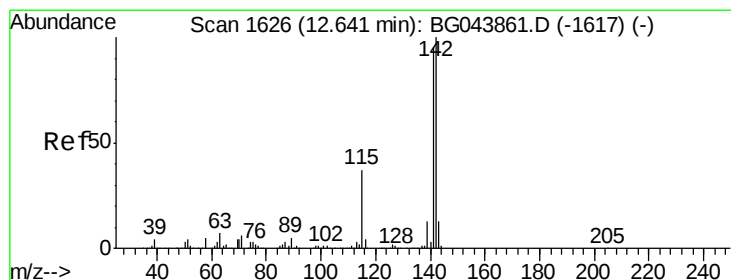
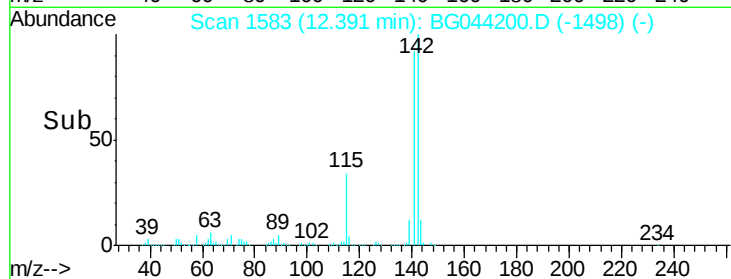
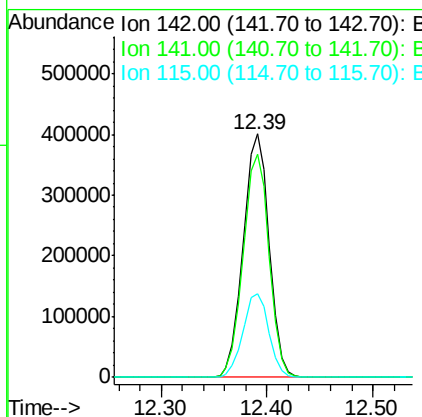
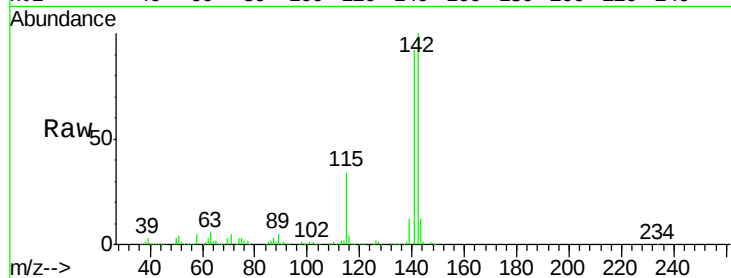
#37
 2-Methylnaphthalene
 Concen: 49.537 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
115	34.3	28.6	42.8

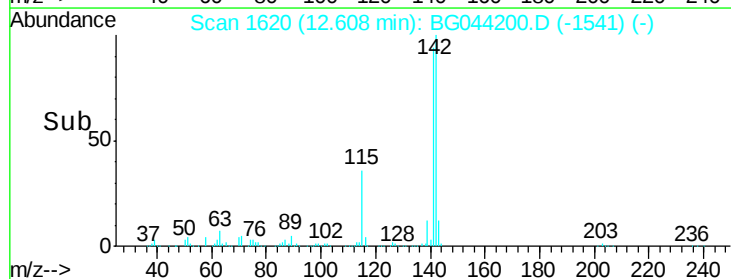
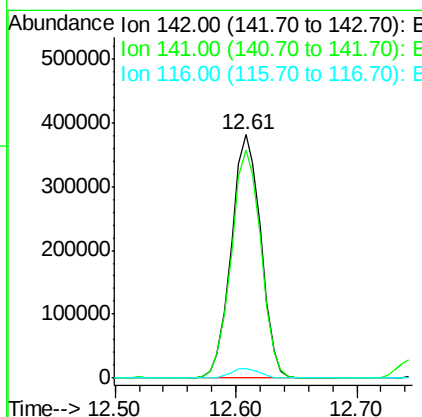
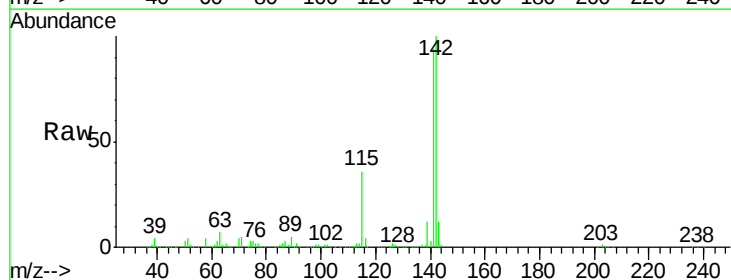
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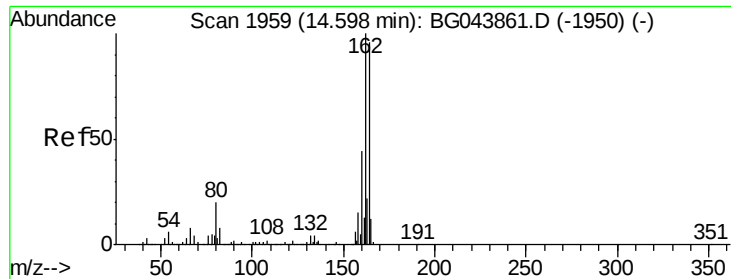
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#38
 1-Methylnaphthalene
 Concen: 49.661 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.0	114.0
116	3.7	3.1	4.7





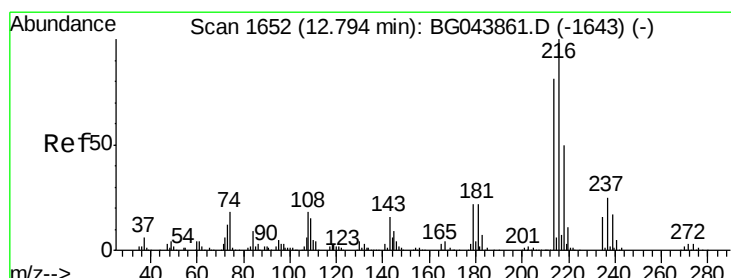
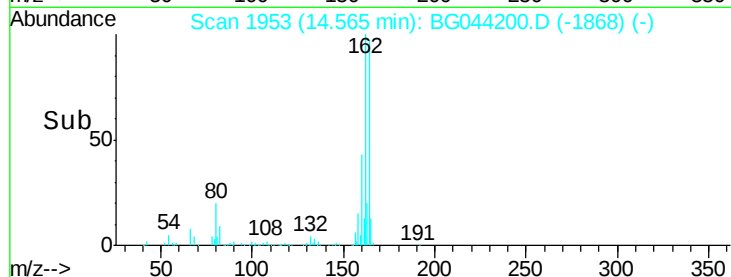
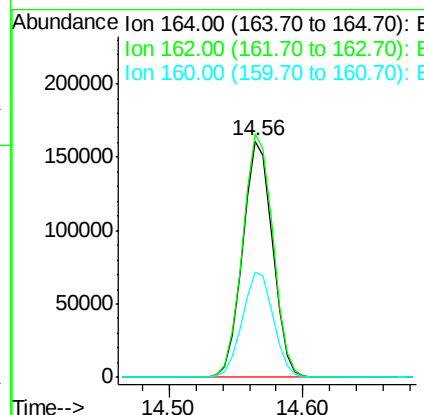
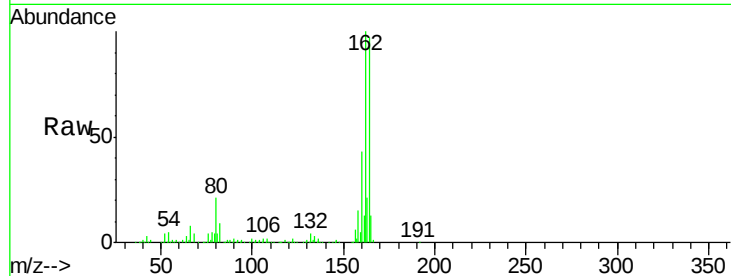
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249339		
162	103.1	83.0	124.4	
160	44.8	36.1	54.1	

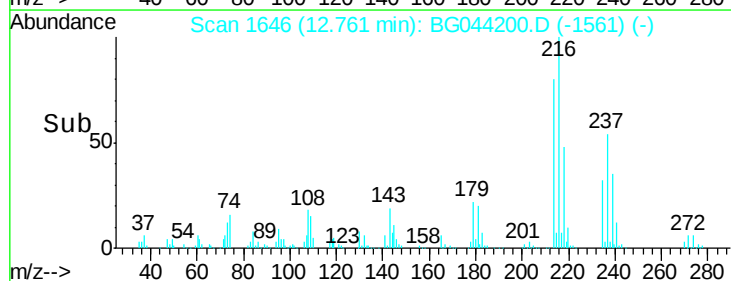
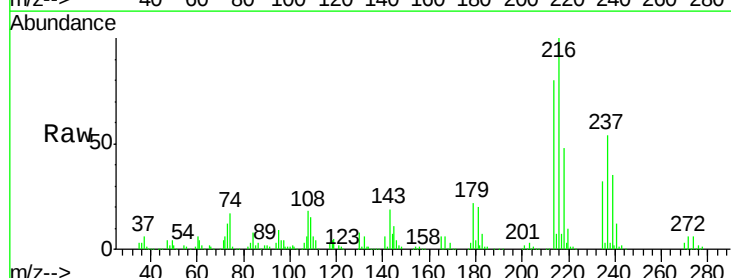
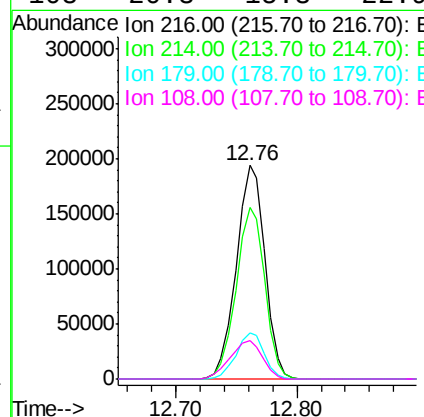
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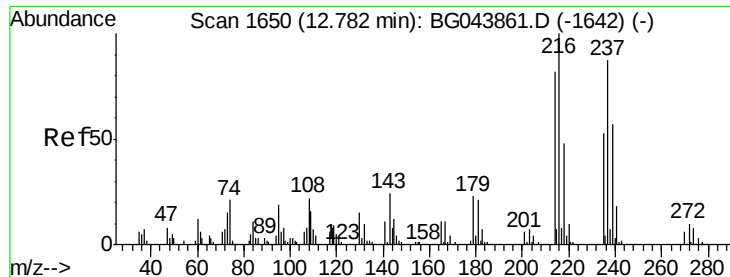
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.718 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	319496		
214	80.5	63.8	95.8	
179	21.3	17.3	25.9	
108	20.3	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 102.122 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

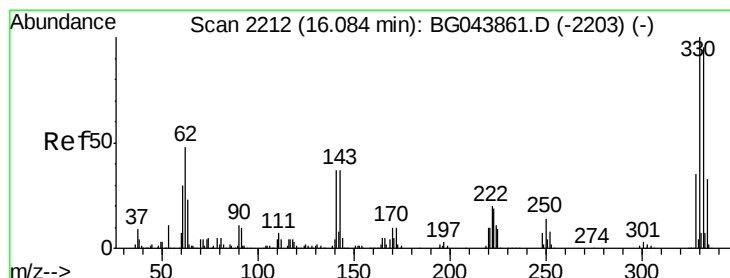
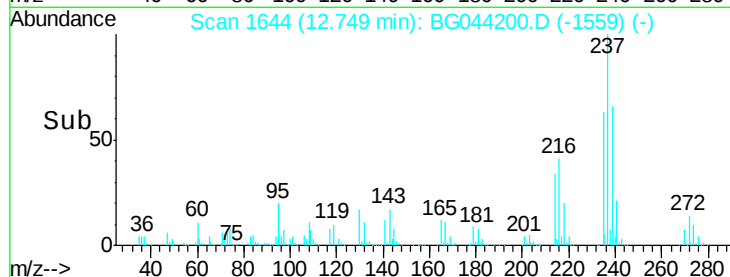
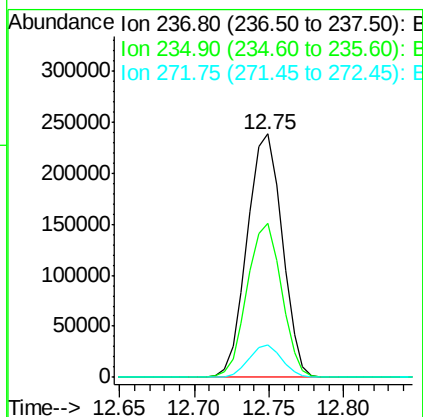
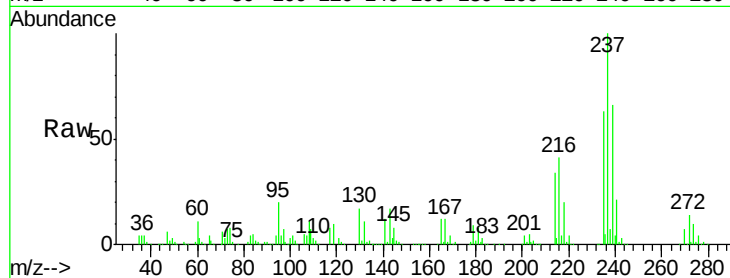
ClientSampleId :

JC-03-012320-AMS

Tot Ion:	237	Resp:	386921
Ion Ratio		Lower	Upper
237	100		
235	63.0	41.1	81.1
272	13.5	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 147.944 ng

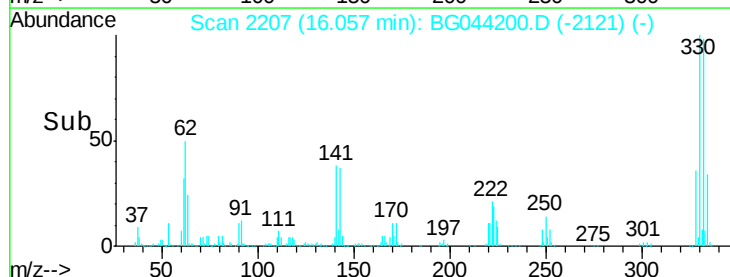
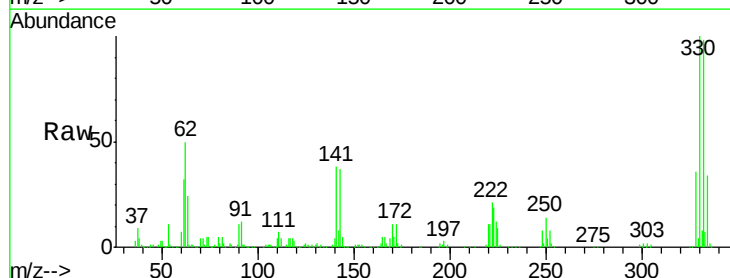
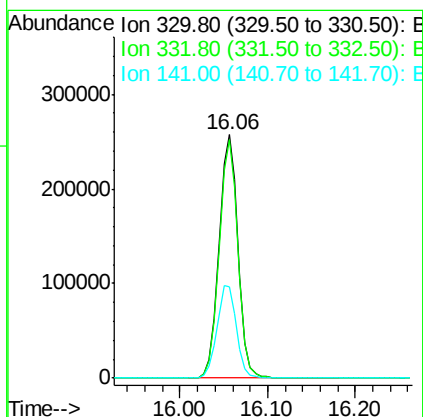
RT: 16.06 min Scan# 2207

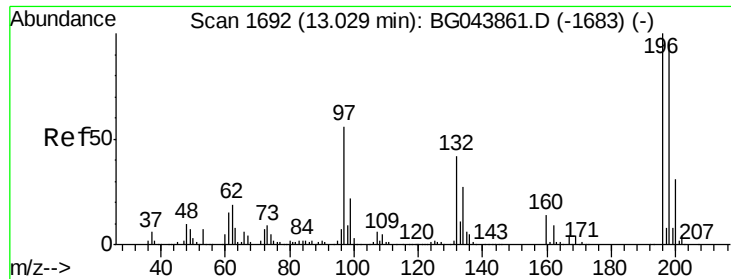
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	330	Resp:	386028
Ion Ratio		Lower	Upper
330	100		
332	96.4	77.2	115.8
141	39.2	33.1	49.7





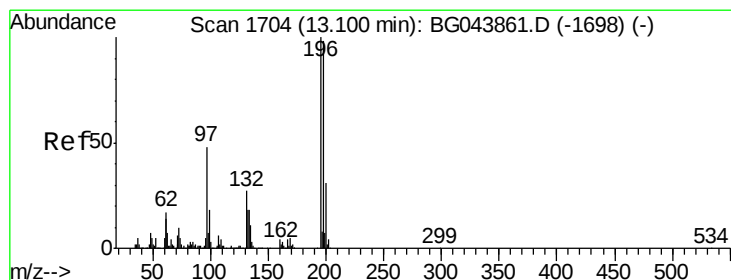
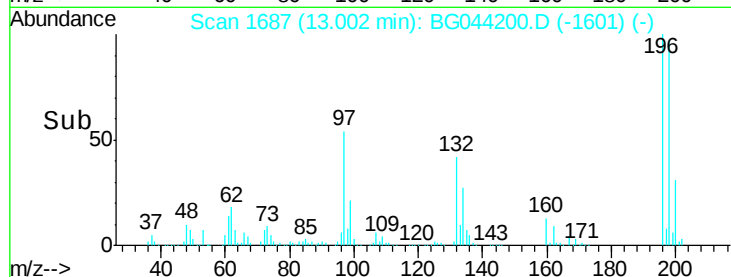
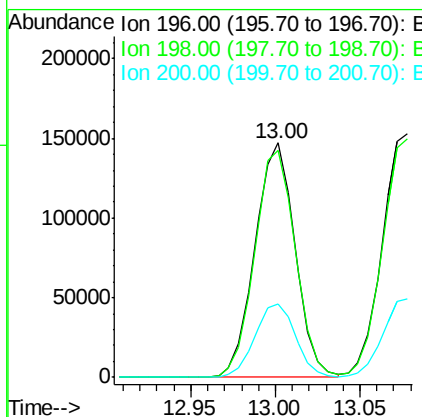
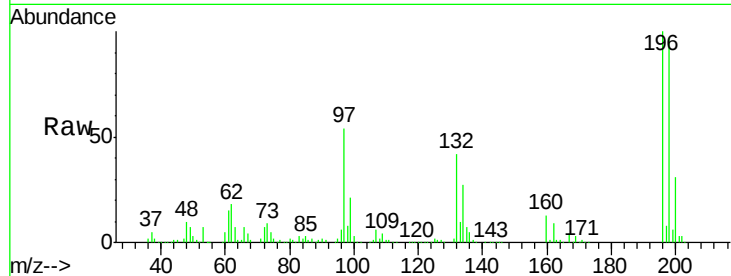
#43
 2,4,6-Trichlorophenol
 Concen: 48.307 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242917		
198	96.6	76.6	115.0	
200	31.4	24.6	37.0	

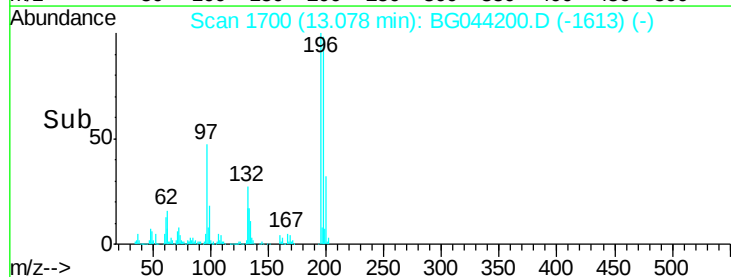
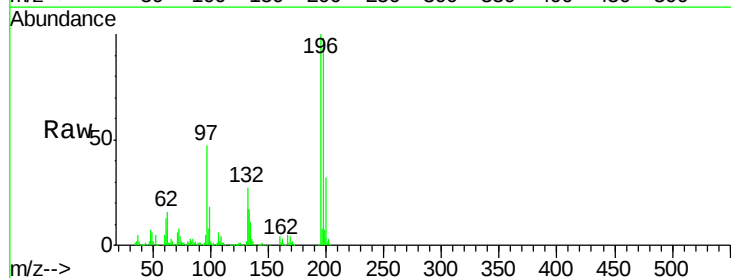
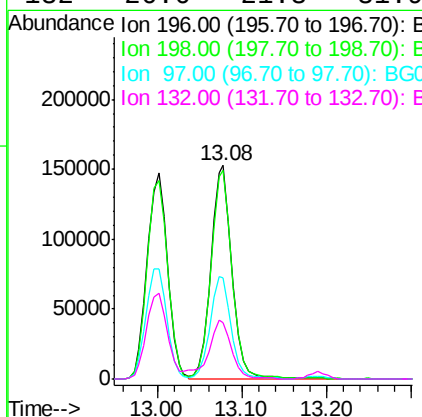
Manual Integrations
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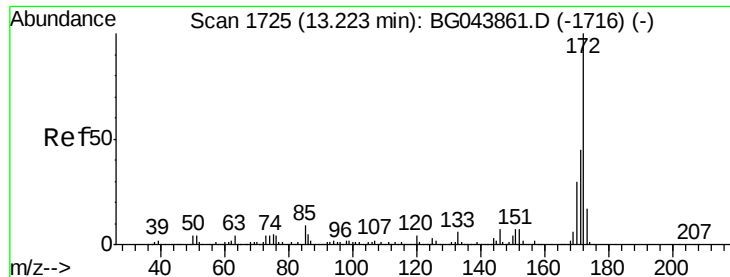
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 51.427 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266722		
198	97.9	78.3	117.5	
97	47.1	38.8	58.2	
132	26.6	21.3	31.9	





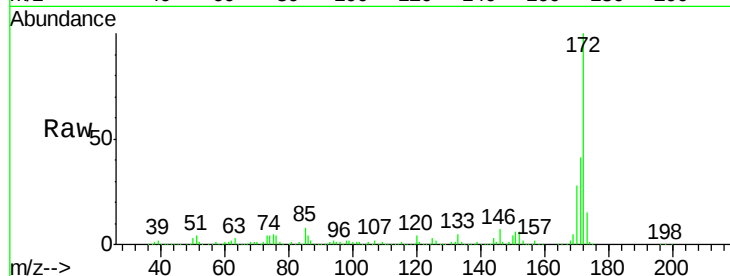
#45
2-Fluorobiphenyl
Concen: 101.583 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.8	24.2	36.4

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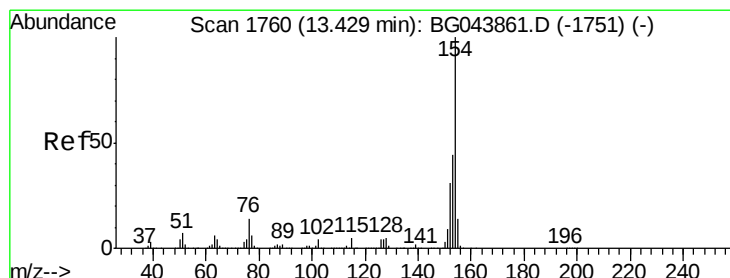
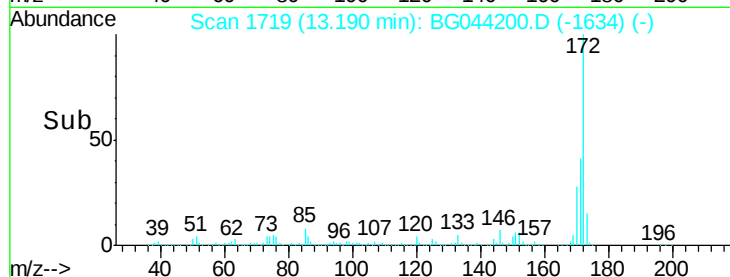
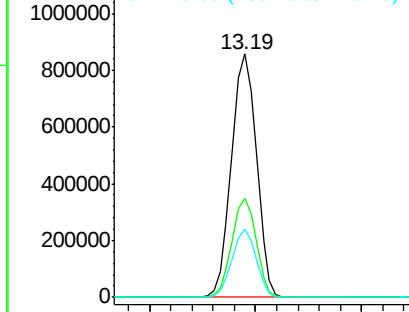


Abundance

Ion 172.00 (171.70 to 172.70): E

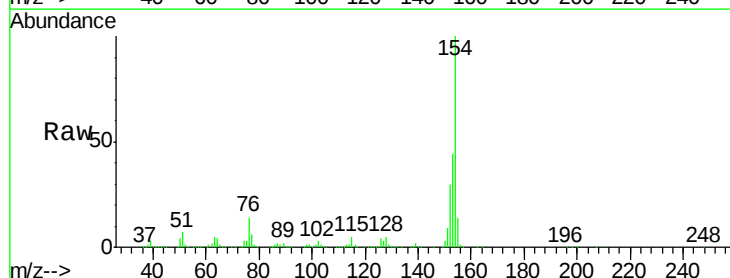
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.993 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.6	63.6
76	13.7	0.0	34.4

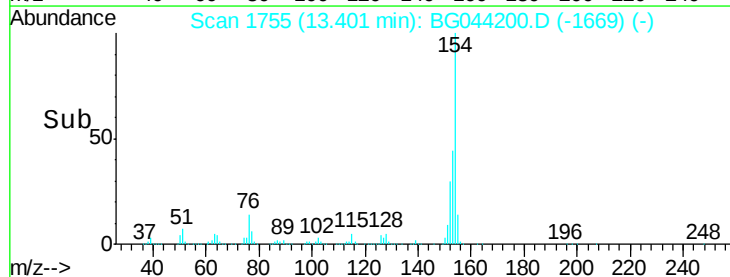
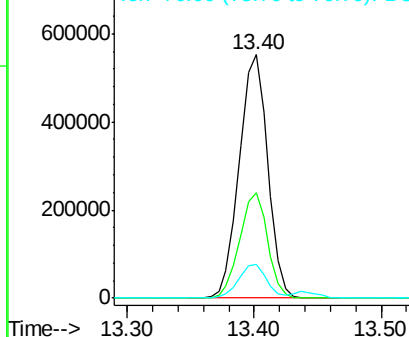


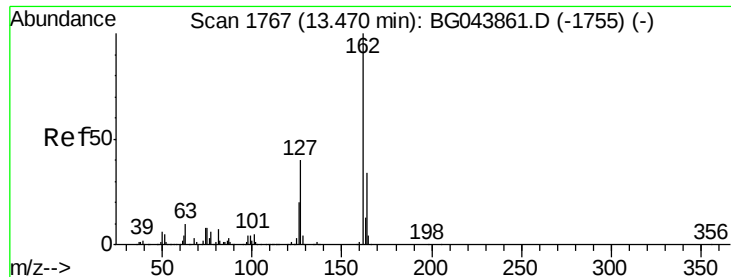
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





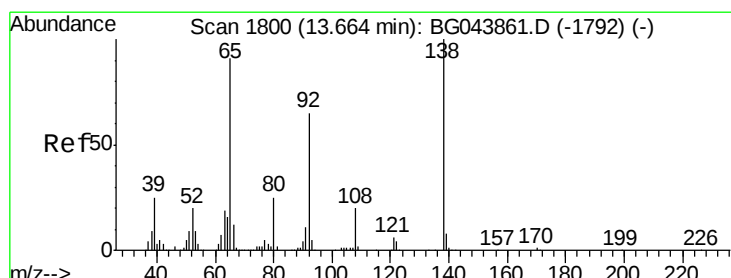
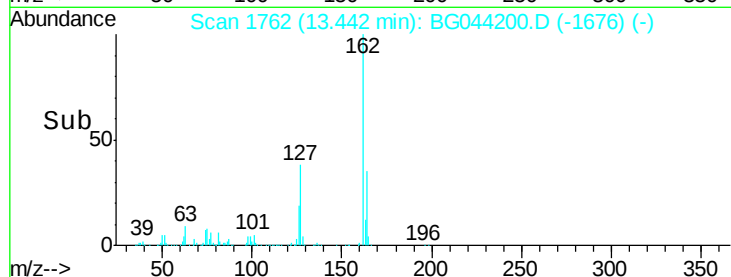
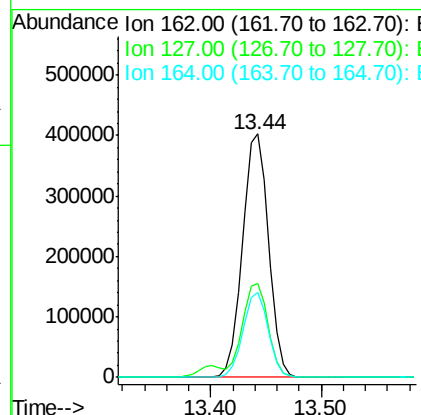
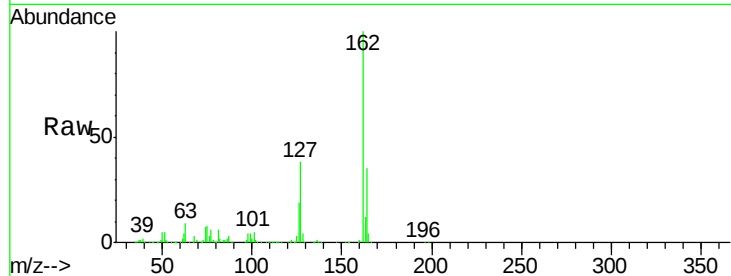
#47
 2-Chloronaphthalene
 Concen: 46.169 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	666948		
127	38.4		32.1	48.1
164	35.0		27.5	41.3

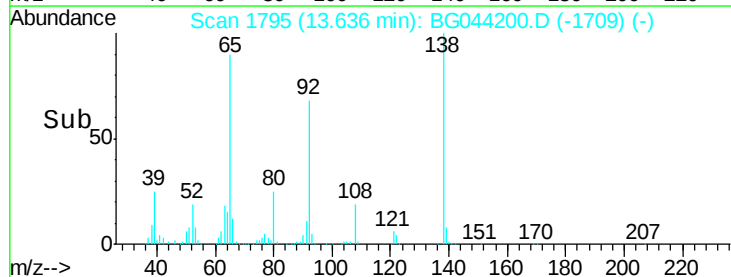
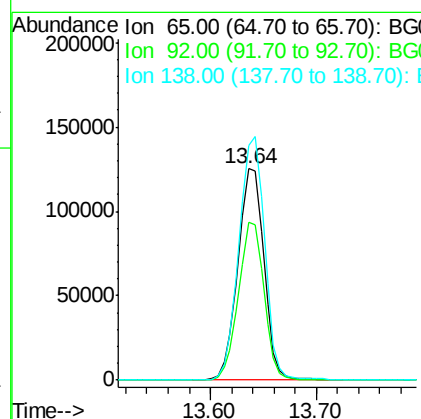
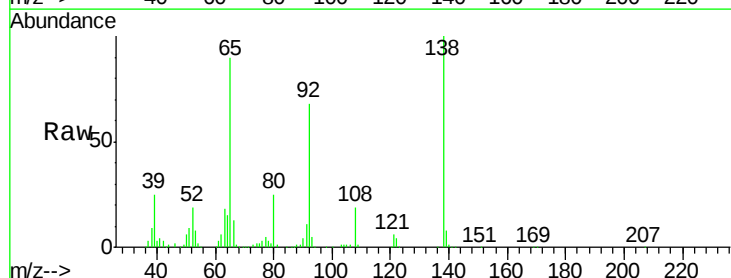
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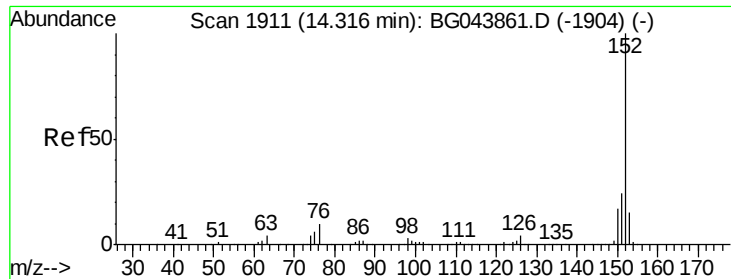
mohammad
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#48
 2-Nitroaniline
 Concen: 46.136 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	214387		
92	74.8		57.4	86.2
138	110.8		88.2	132.4





#49

Acenaphthylene

Concen: 51.424 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMS

Tot Ion:152 Resp: 1067729

Ion Ratio Lower Upper

152 100

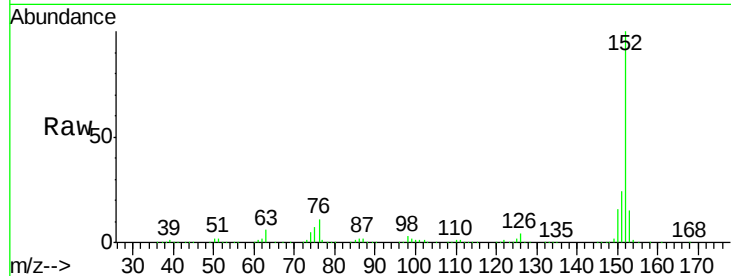
151 23.6 19.4 29.2

153 14.7 12.0 18.0

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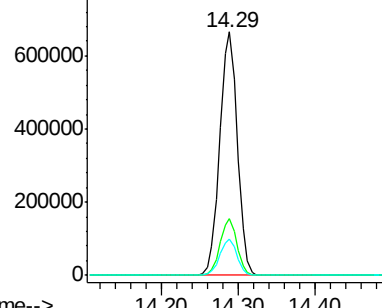
1/28/2020 8:11:44 AM



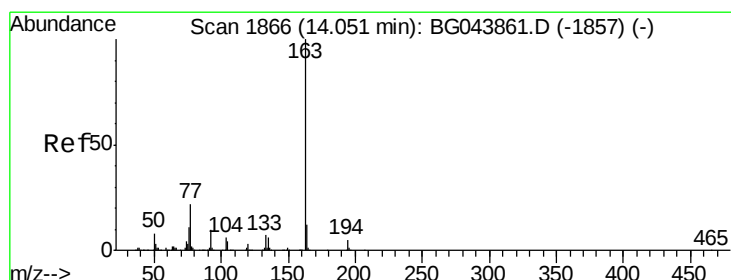
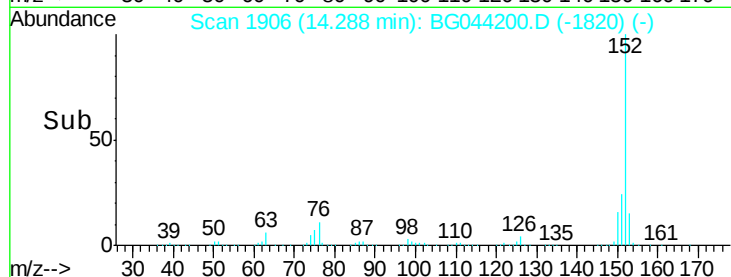
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 52.748 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

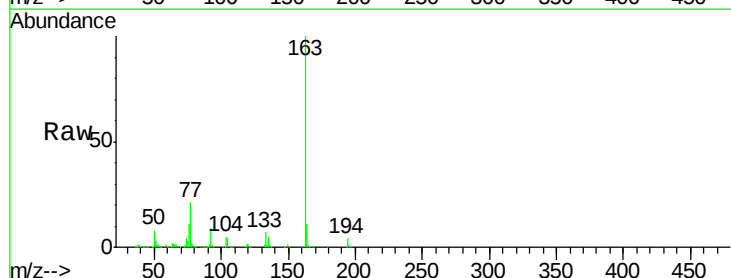
Tgt Ion:163 Resp: 933854

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

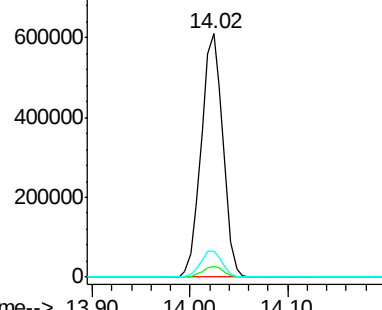
164 10.8 9.3 13.9



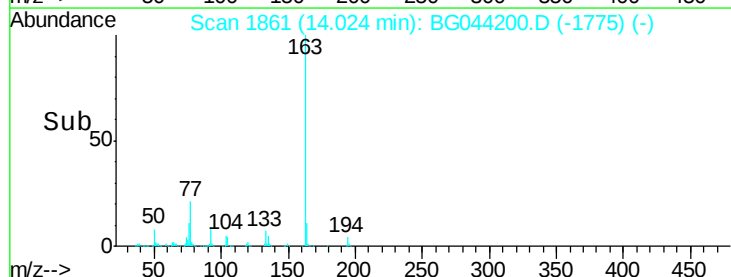
Abundance Ion 163.00 (162.70 to 163.70): E

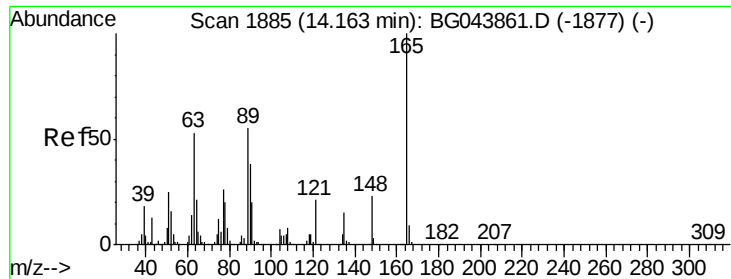
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





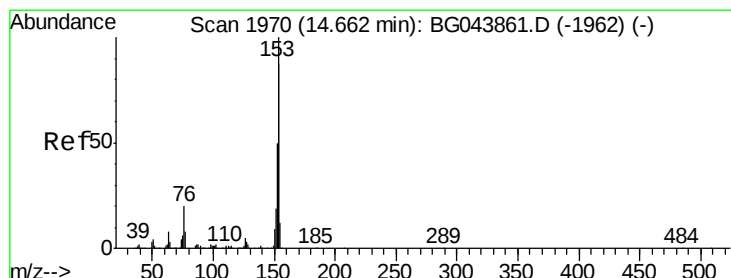
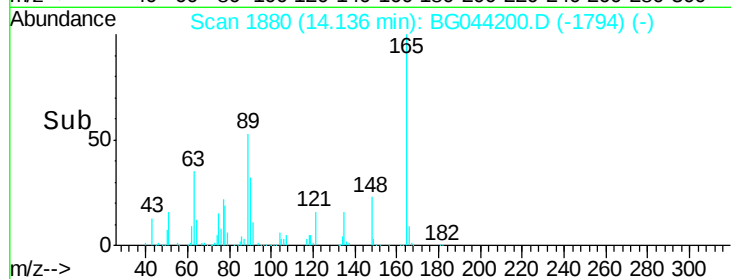
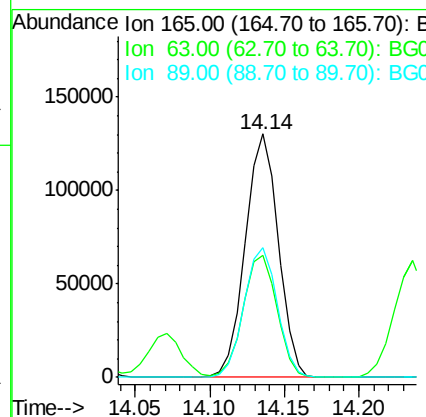
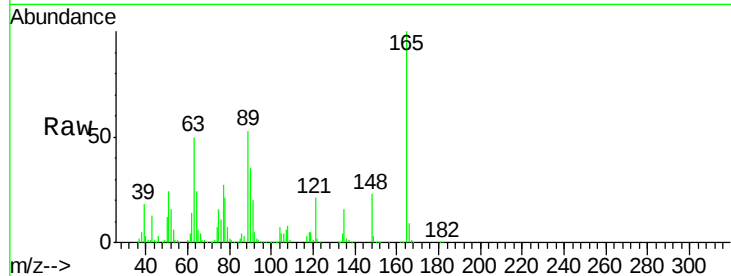
#51
2,6-Dinitrotoluene
Concen: 49.855 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199495		
63	50.1	43.1	64.7	
89	53.5	43.8	65.6	

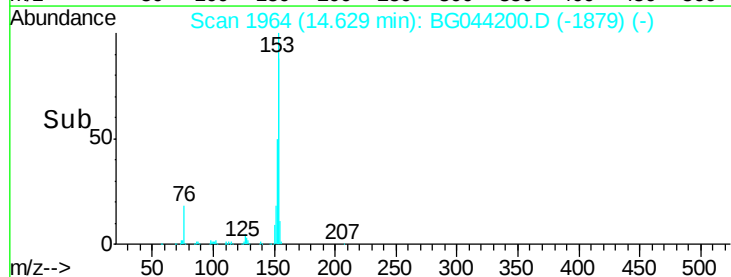
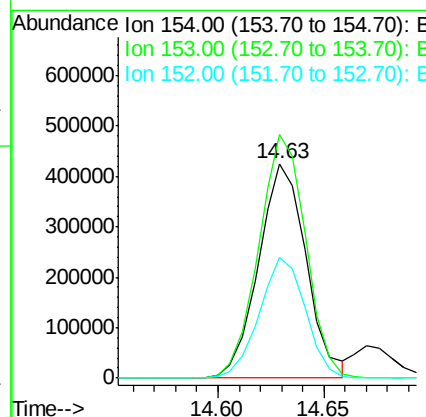
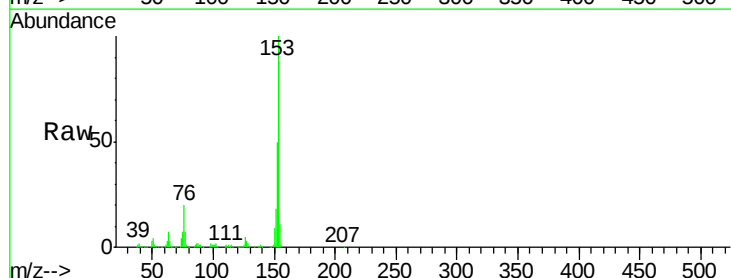
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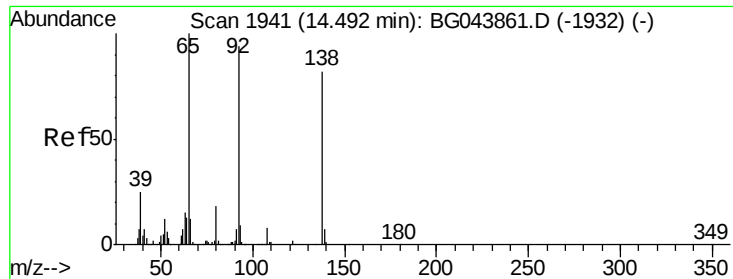
mohammad
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#52
Acenaphthene
Concen: 45.788 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	666712		
153	113.7	91.6	137.4	
152	56.3	45.4	68.0	





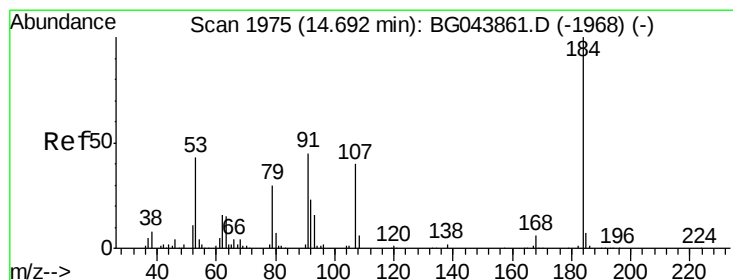
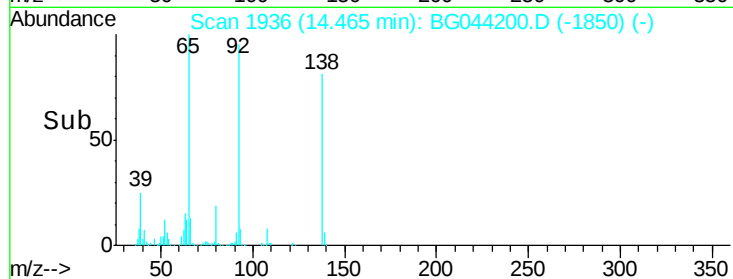
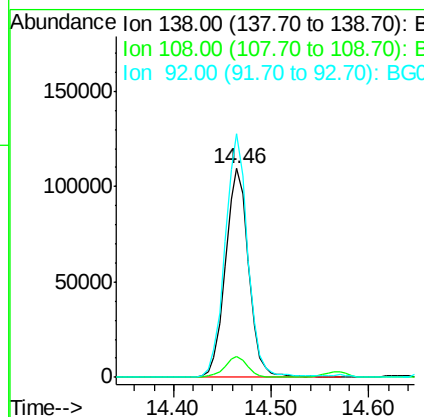
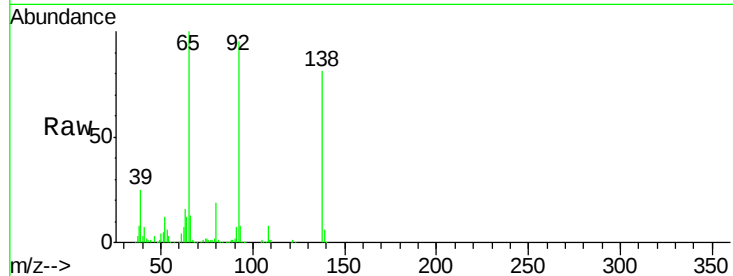
#53
3-Nitroaniline
Concen: 39.928 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.3	7.4	11.2	
92	116.8	92.1	138.1	

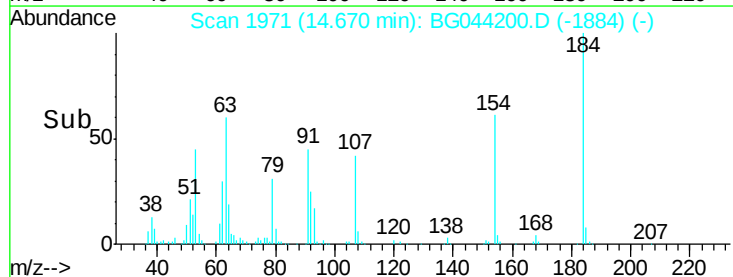
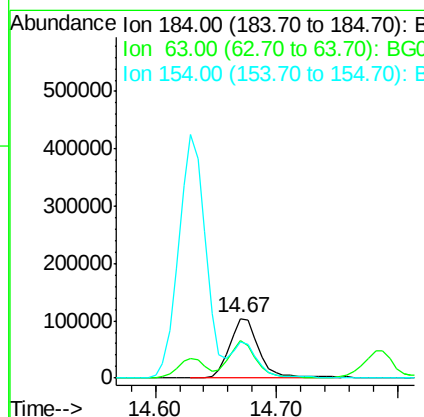
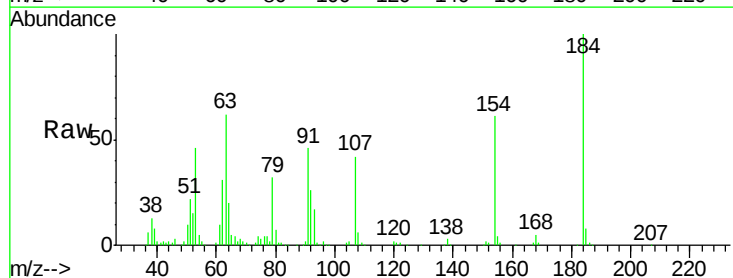
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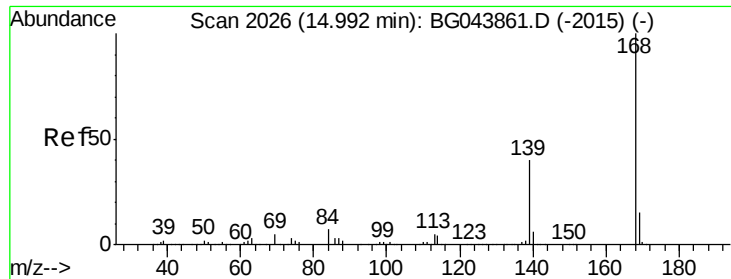
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#54
2,4-Dinitrophenol
Concen: 86.502 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.0	46.6	70.0	
154	61.4	50.2	75.4	





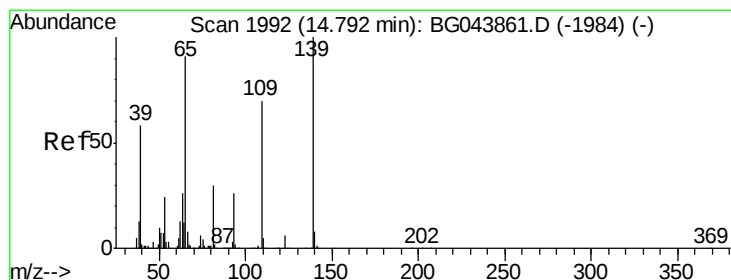
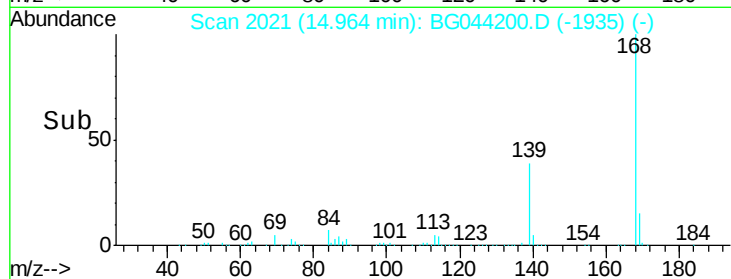
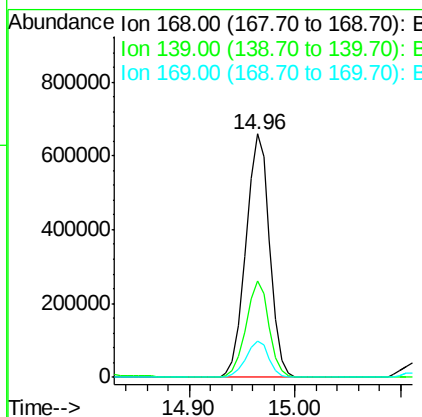
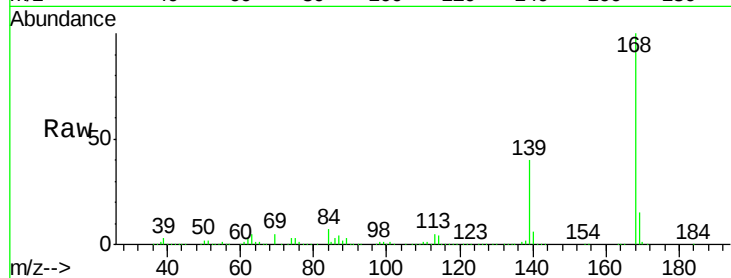
#55
Dibenzenofuran
Concen: 51.156 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.2	48.2
169	14.8	12.2	18.2

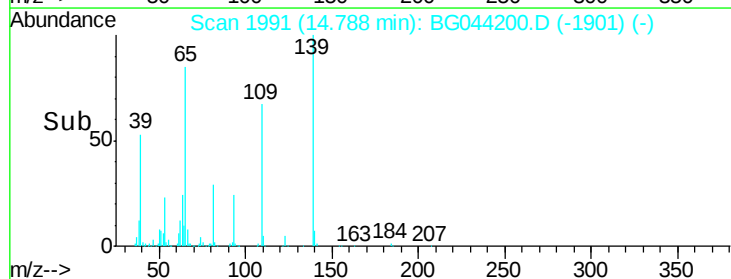
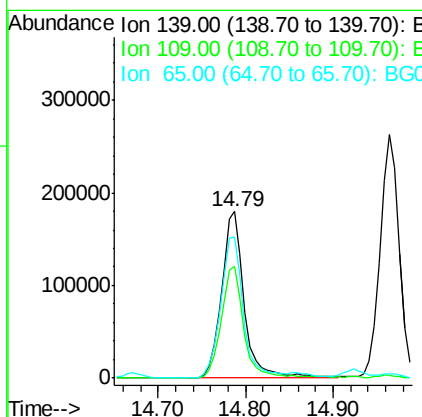
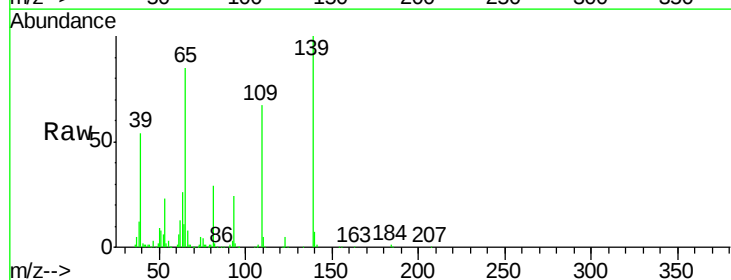
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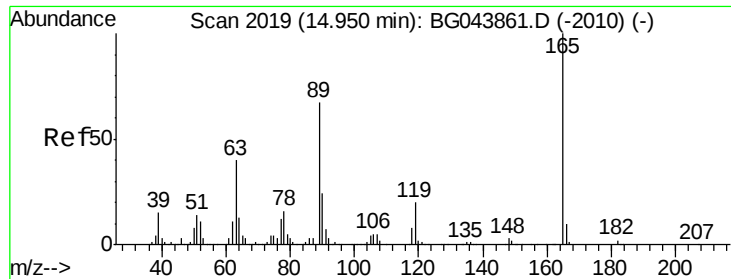
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#56
4-Nitrophenol
Concen: 92.660 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	50.4	90.4
65	85.3	71.4	111.4





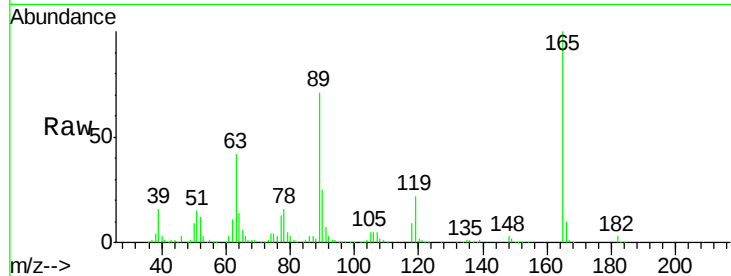
#57
2,4-Dinitrotoluene
Concen: 50.871 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		276985		
63	41.5	31.9	47.9		
89	70.7	53.8	80.6		
182	2.7	2.0	3.0		

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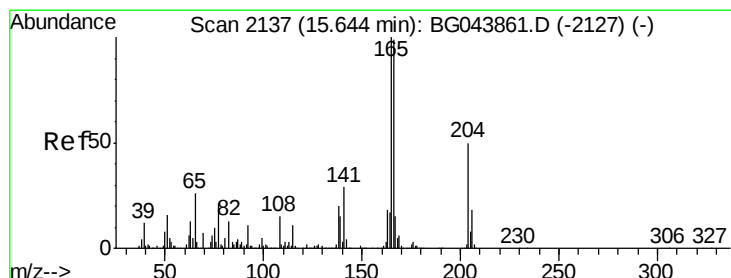
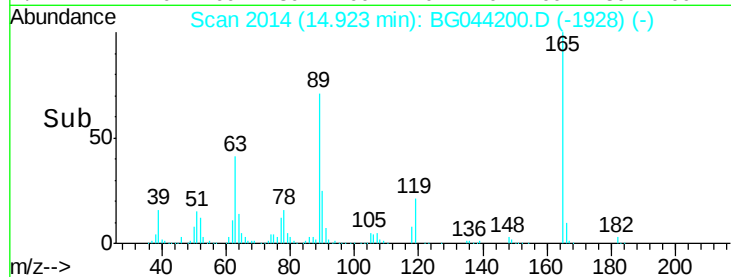
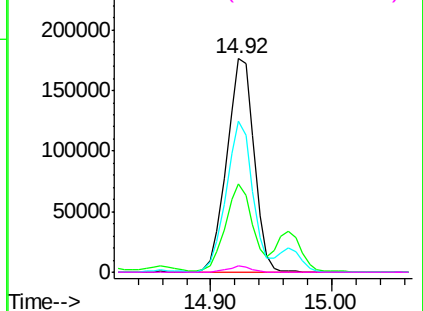


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



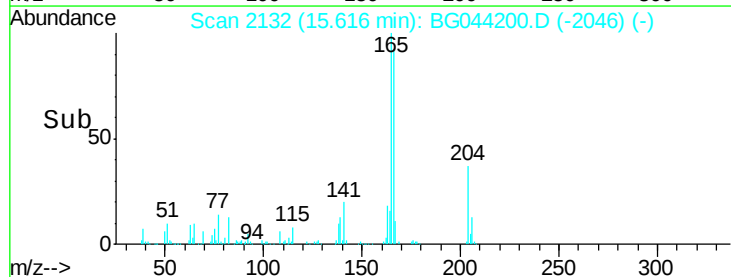
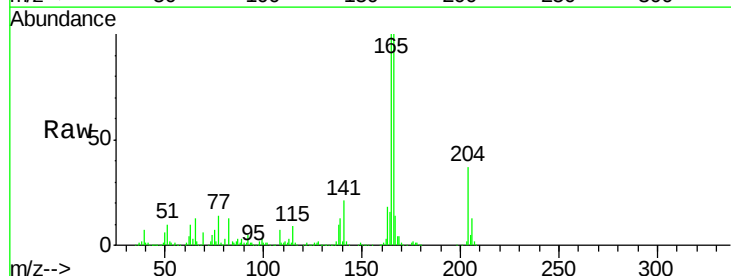
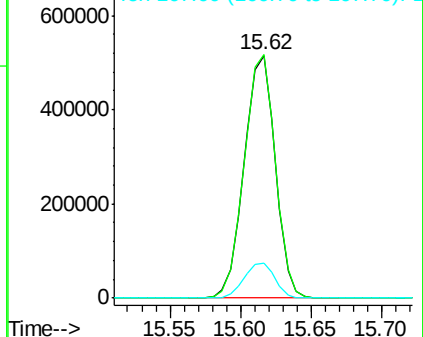
#58
Fluorene
Concen: 50.089 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

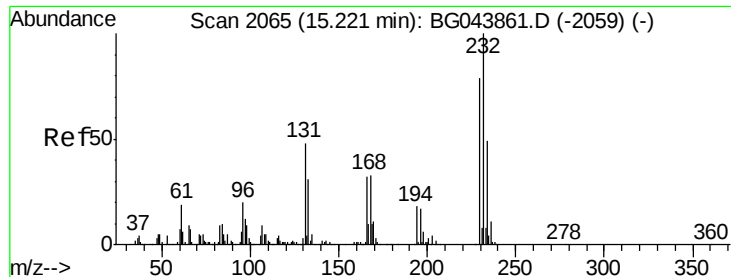
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		795785		
165	100.3	80.8	121.2		
167	14.3	12.1	18.1		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





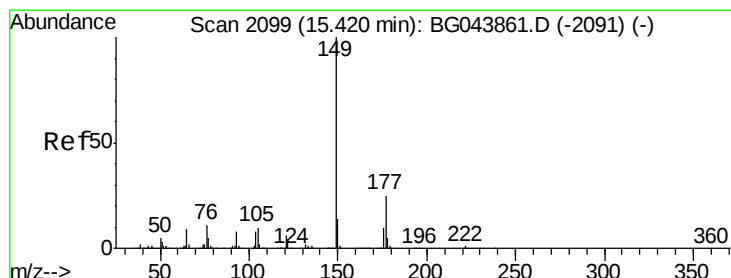
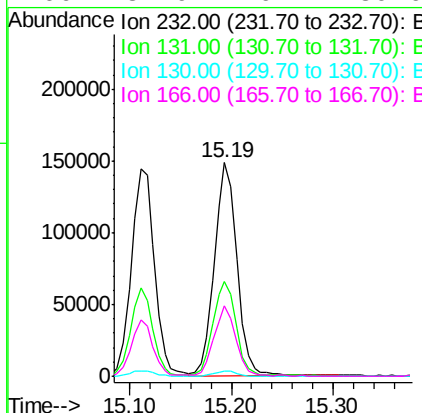
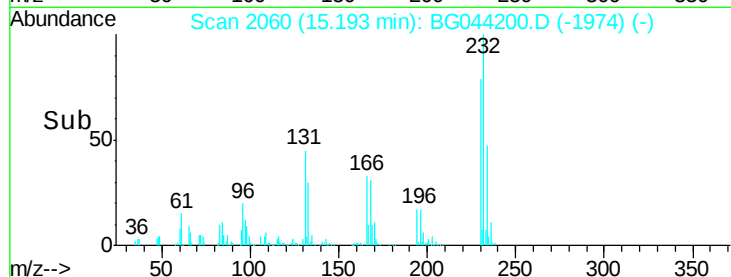
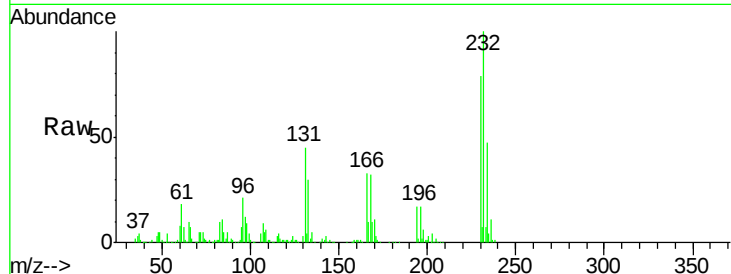
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.263 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	228619		
131	45.5		38.2	57.2
130	2.7		2.2	3.2
166	31.9		26.4	39.6

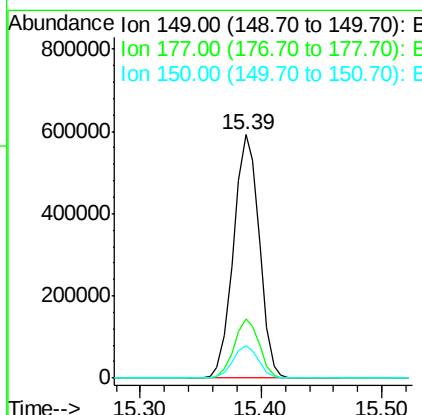
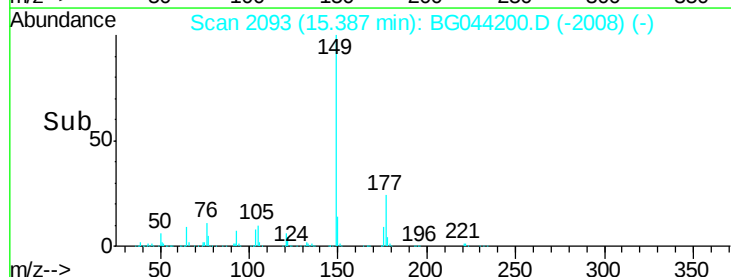
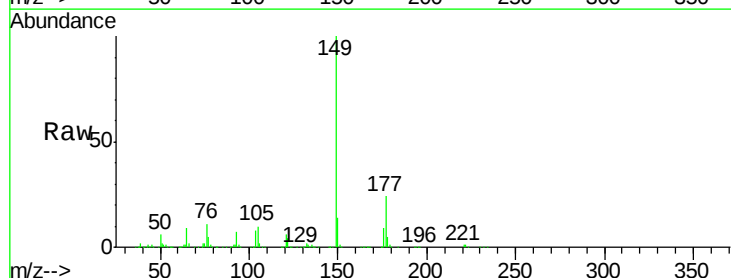
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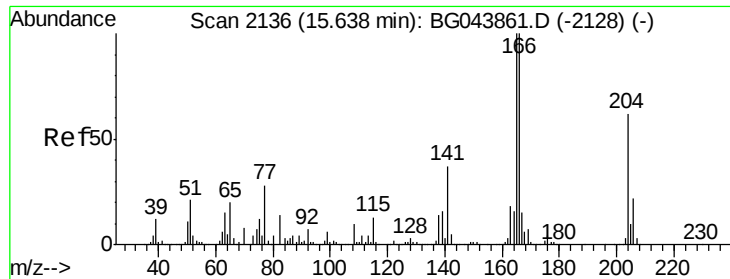
mohammad
 1/28/2020 8:11:44 AM



#60
 Diethylphthalate
 Concen: 49.599 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044200.D
 Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878273		
177	24.3		20.0	30.0
150	13.6		11.1	16.7





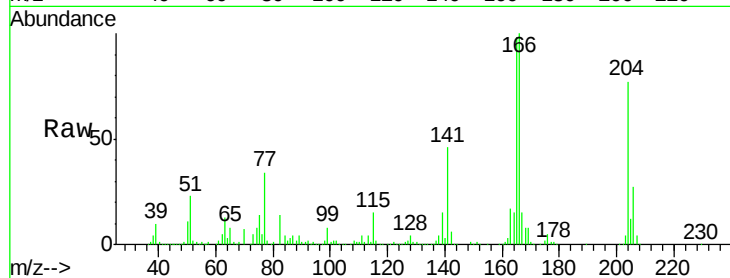
#61
4-Chlorophenyl-phenylether
Concen: 48.328 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

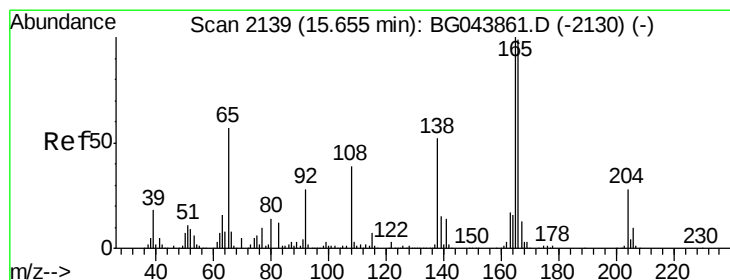
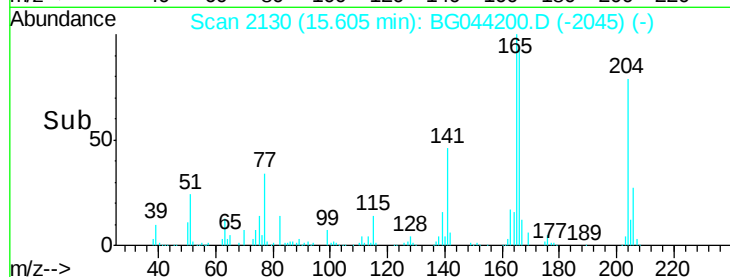
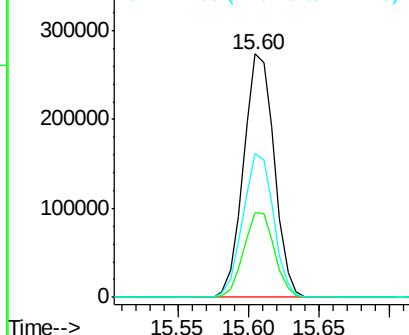
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.2	42.2
141	59.2	48.2	72.2

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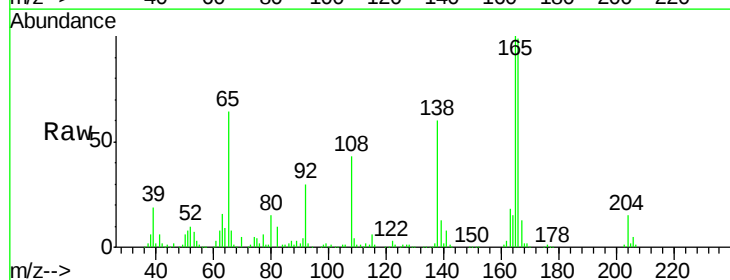


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

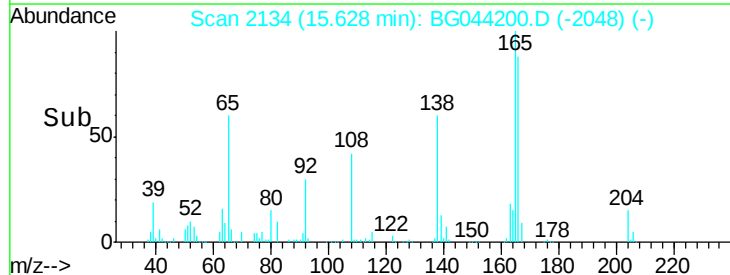
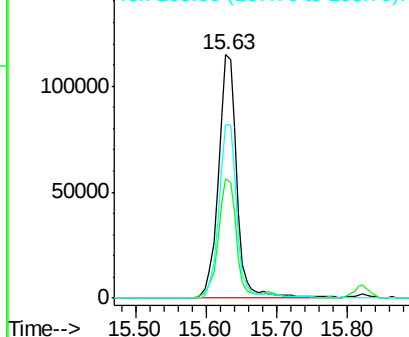


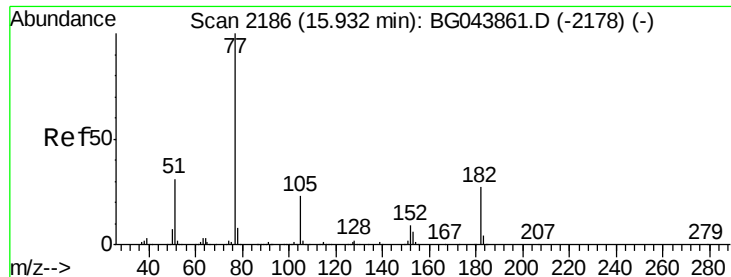
#62
4-Nitroaniline
Concen: 46.219 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	34.3	74.3
108	71.4	55.0	95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





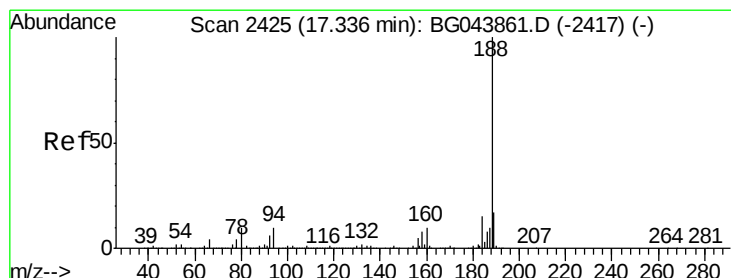
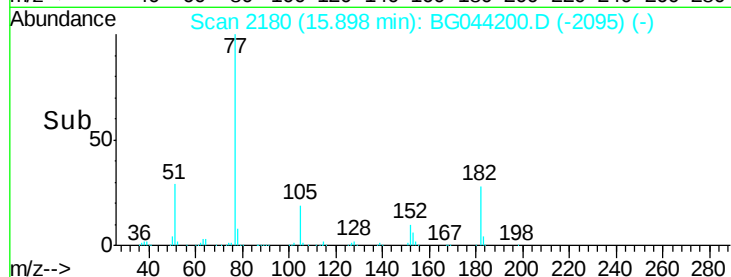
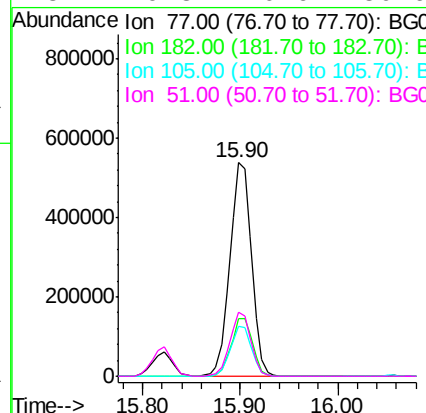
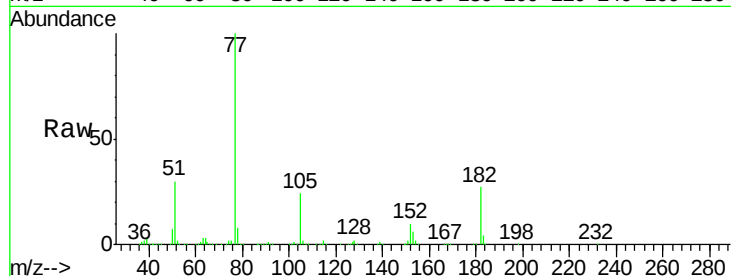
#63
Azobenzene
Concen: 49.966 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	7.3	47.3	
105	23.5	3.2	43.2	
51	29.8	10.6	50.6	

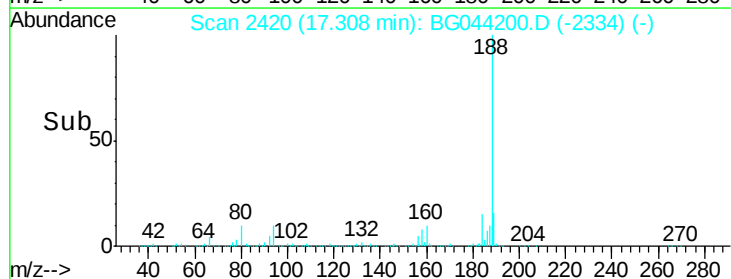
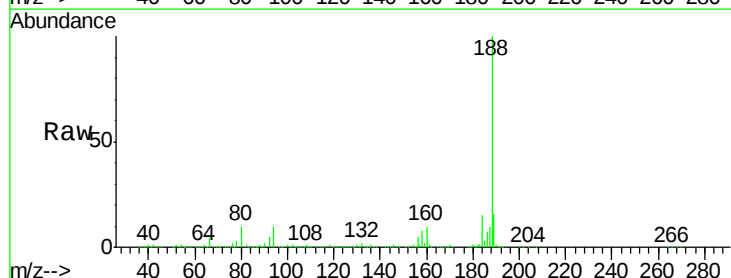
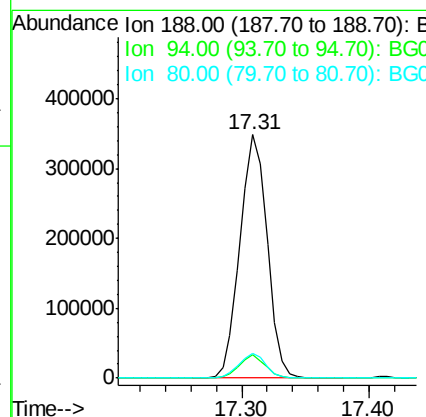
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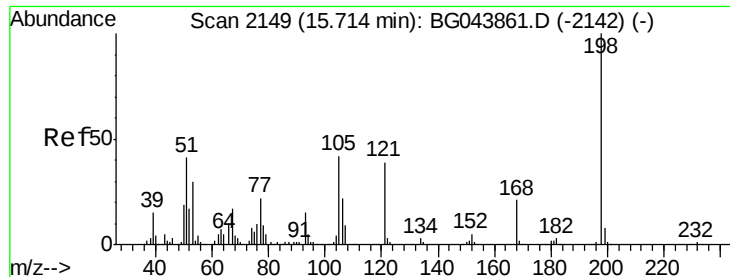
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.9	11.9	
80	10.2	8.2	12.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 55.329 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

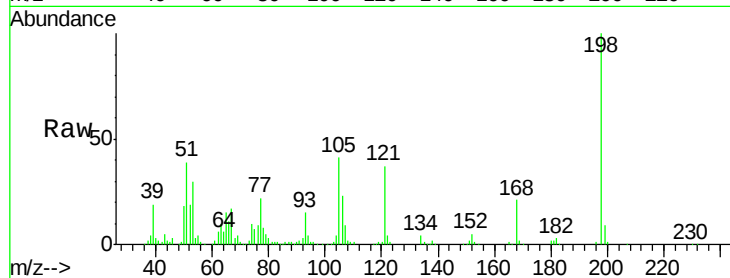
ClientSampleId :

JC-03-012320-AMS

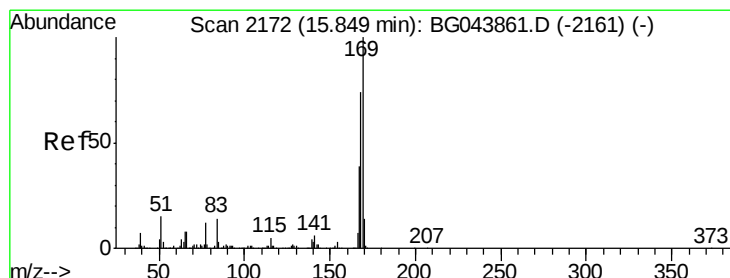
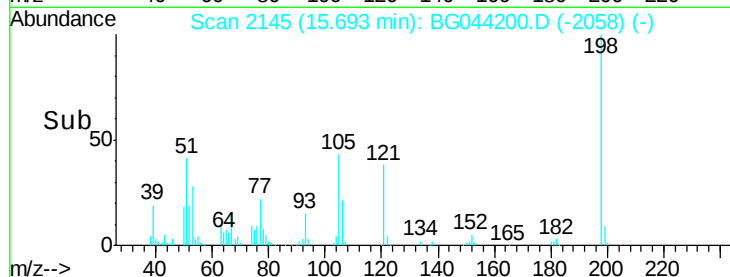
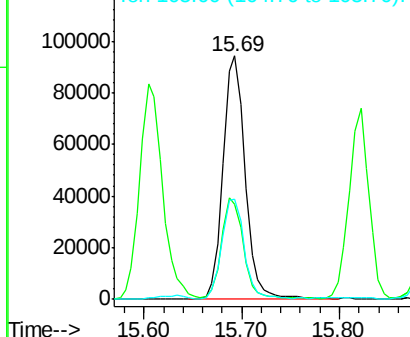
Tot Ion:	198	Resp:	149562
Ion Ratio	Lower	Upper	
198	100		
51	39.1	22.5	62.5
105	41.2	22.3	62.3

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



#66

n-Nitrosodiphenylamine

Concen: 49.327 ng

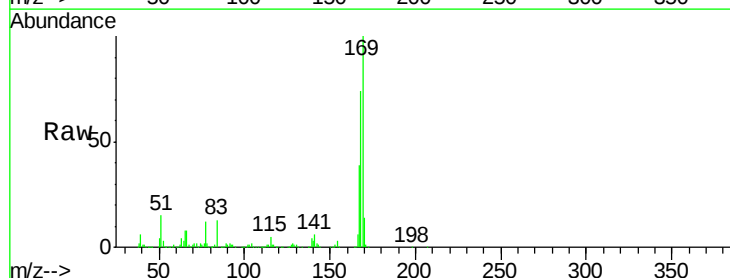
RT: 15.82 min Scan# 2167

Delta R.T. -0.03 min

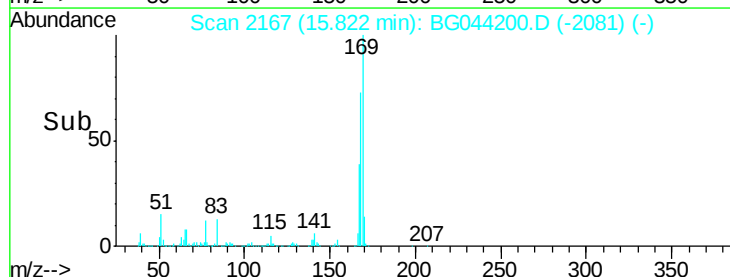
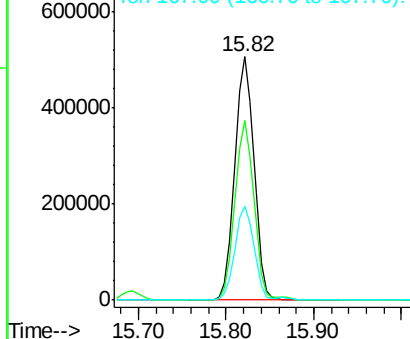
Lab File: BG044200.D

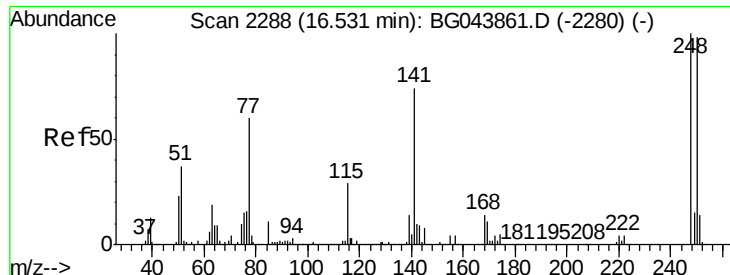
Acq: 25 Jan 2020 3:47

Tgt Ion:	169	Resp:	752078
Ion Ratio	Lower	Upper	
169	100		
168	73.5	59.0	88.6
167	38.7	31.4	47.0



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





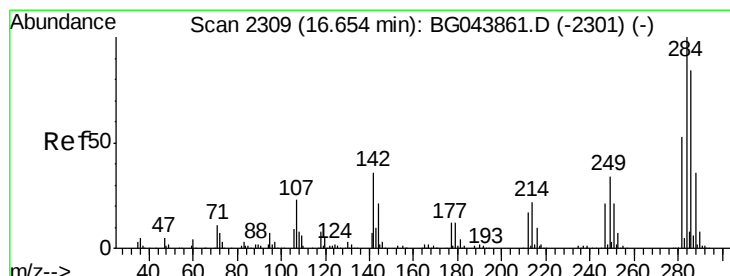
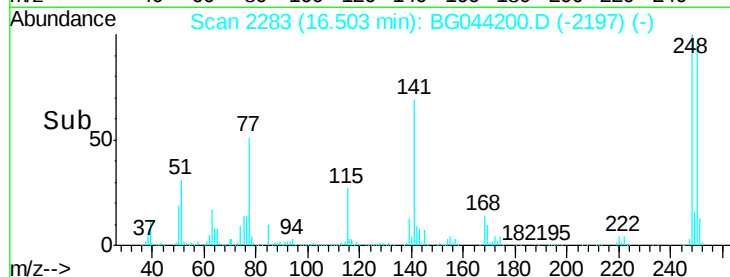
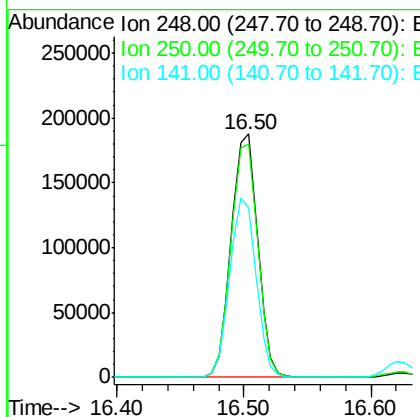
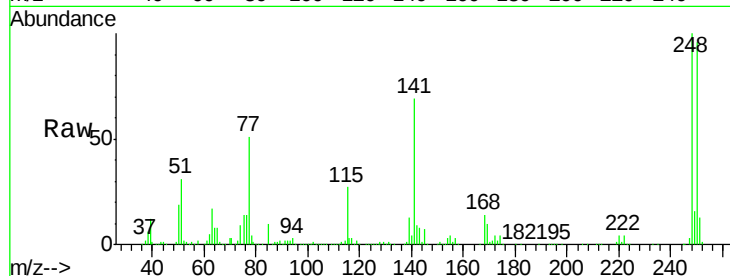
#67
4-Bromophenyl-phenylether
Concen: 46.417 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.2	117.2
141	69.5	59.3	88.9

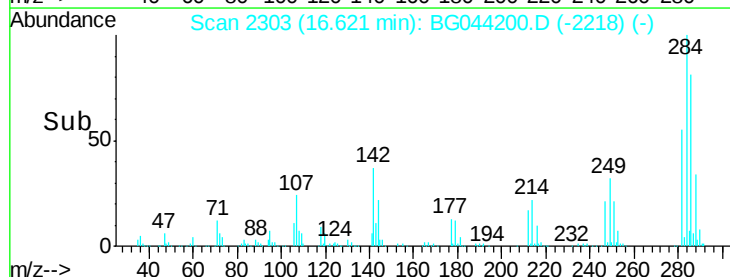
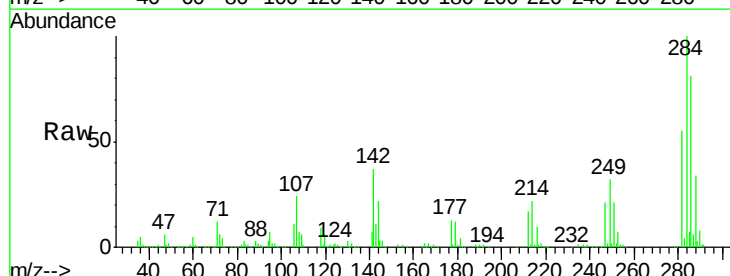
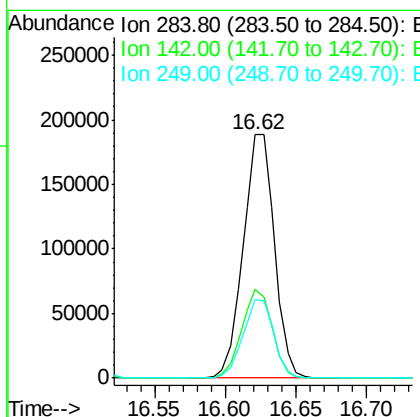
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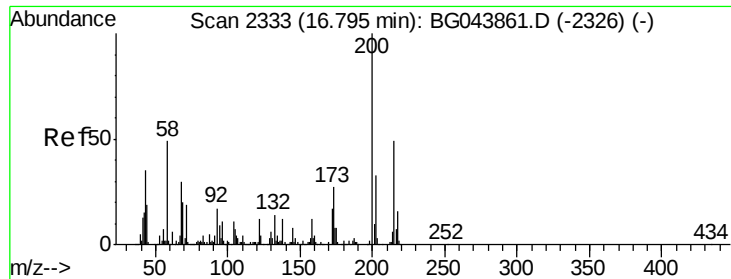
mohammad
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#68
Hexachlorobenzene
Concen: 46.383 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.6	43.0
249	32.1	27.0	40.6





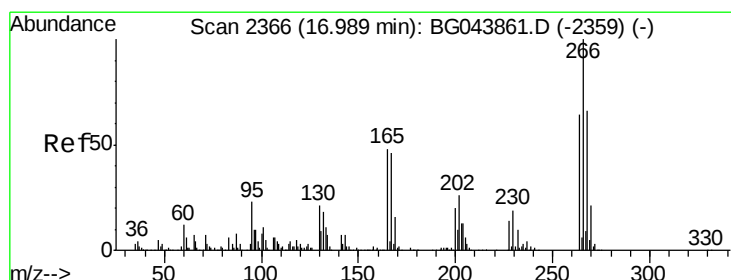
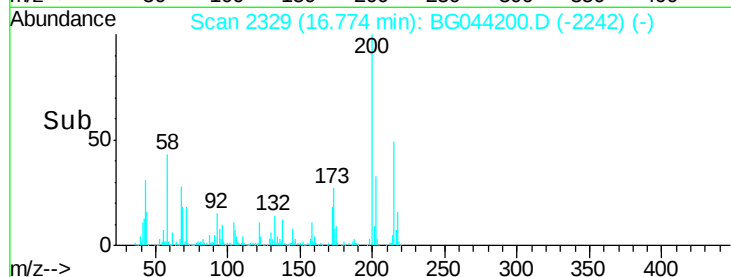
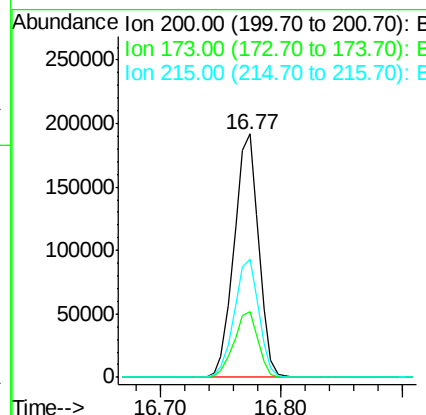
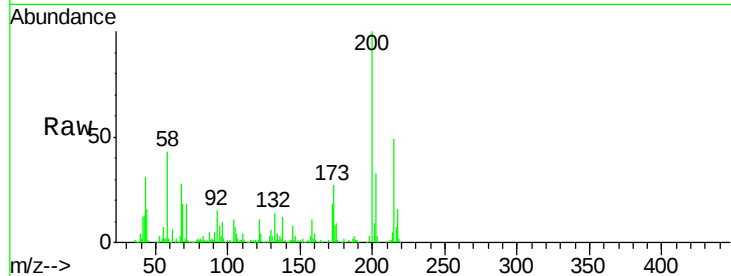
#69
Atrazine
Concen: 54.709 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	271140		
173	27.1	6.6	46.6	
215	48.8	28.6	68.6	

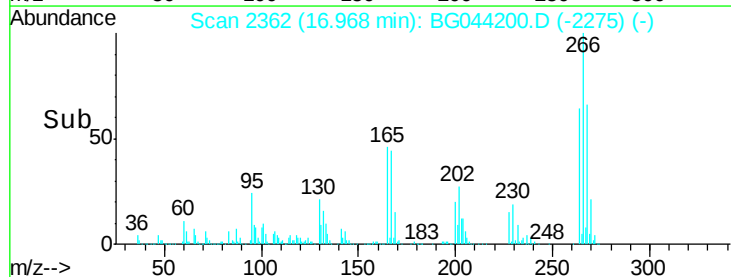
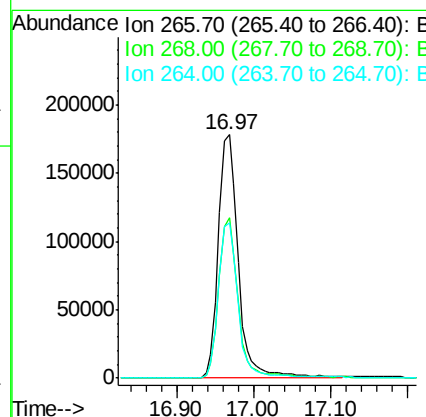
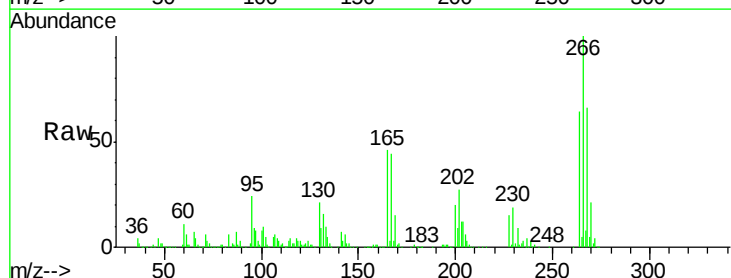
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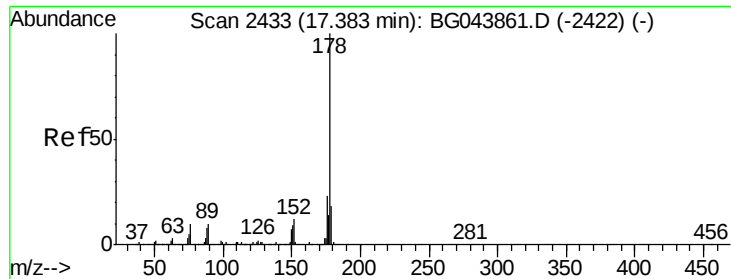
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#70
Pentachlorophenol
Concen: 92.695 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	320616		
268	65.9	52.6	79.0	
264	63.6	50.8	76.2	





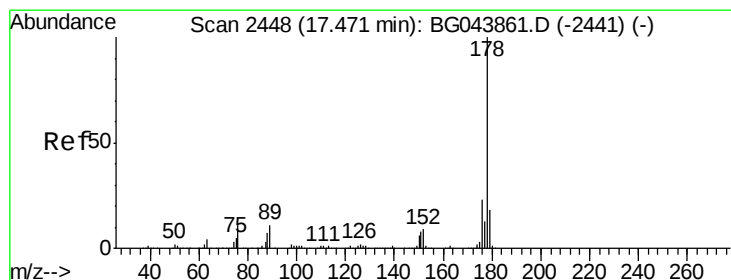
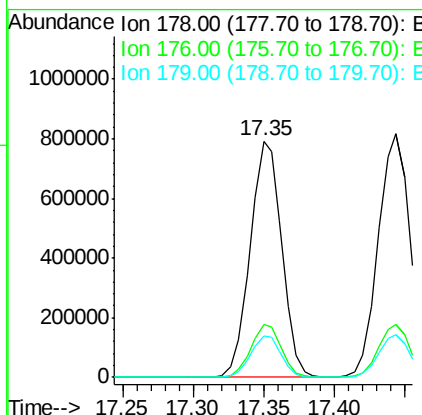
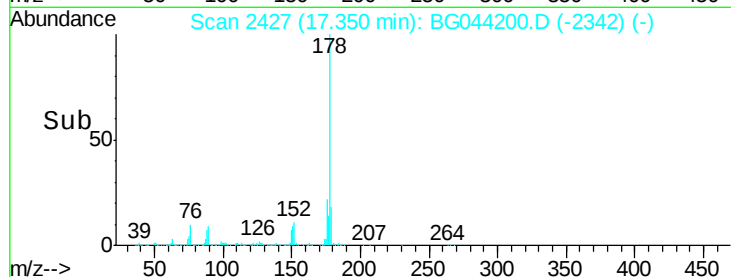
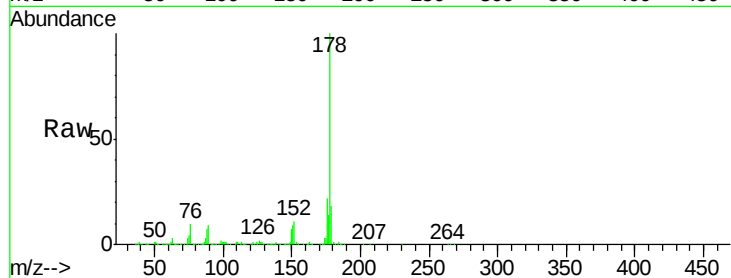
#71
Phenanthrene
Concen: 50.193 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.6	28.0
179	17.6	14.4	21.6

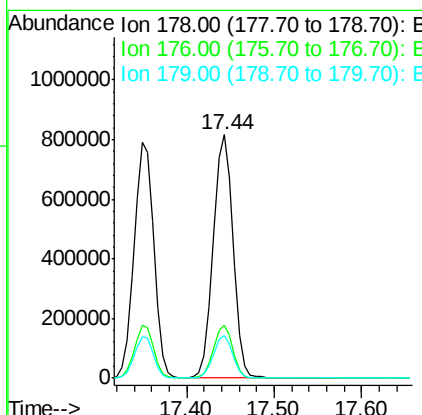
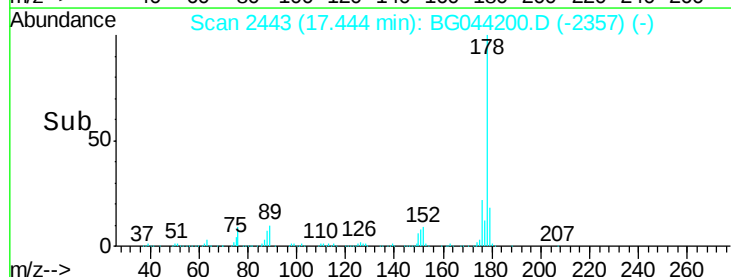
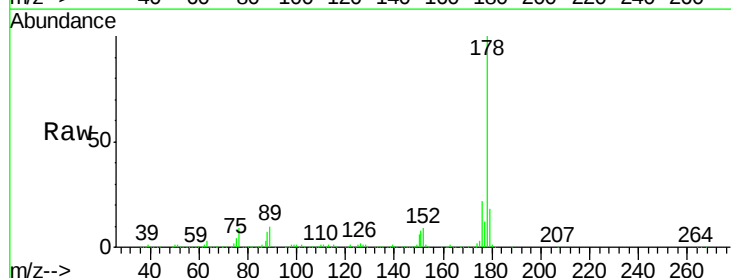
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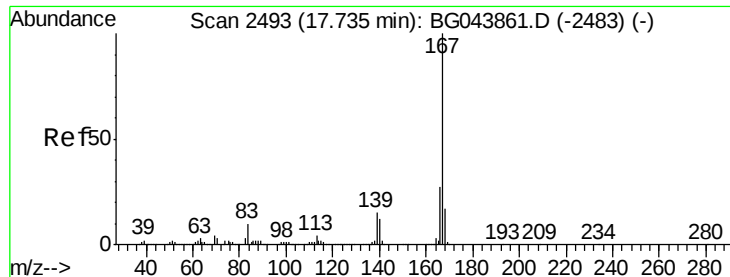
mohammad
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#72
Anthracene
Concen: 52.441 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	18.3	27.5
179	17.7	14.6	22.0





#73

Carbazole

Concen: 50.972 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

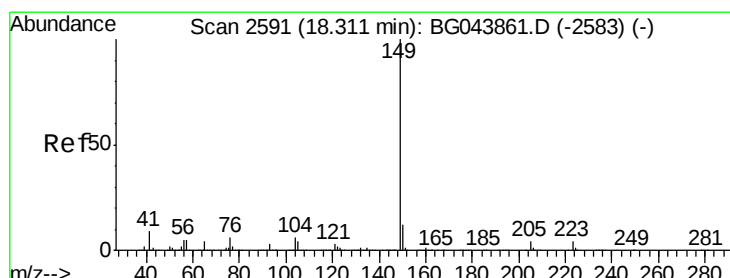
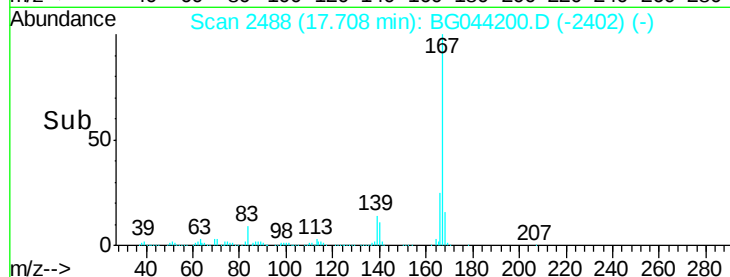
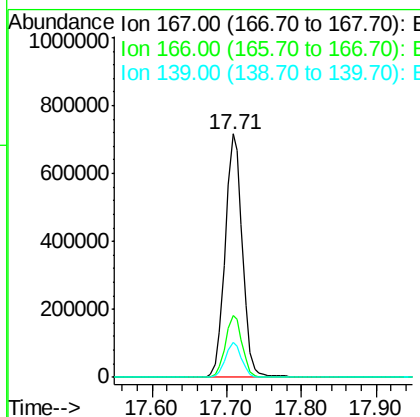
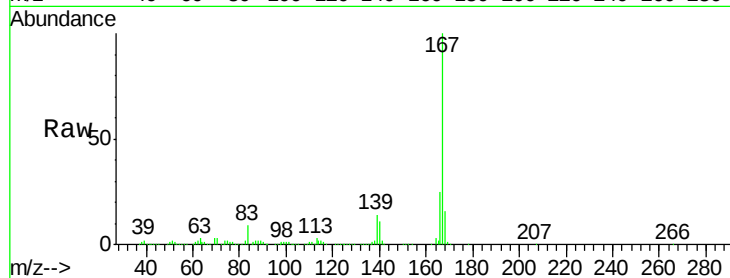
ClientSampleId :

JC-03-012320-AMS

Tot Ion:	167	Resp:	1155551
Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.6	32.4
139	14.1	12.1	18.1

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#74

Di-n-butylphthalate

Concen: 49.274 ng

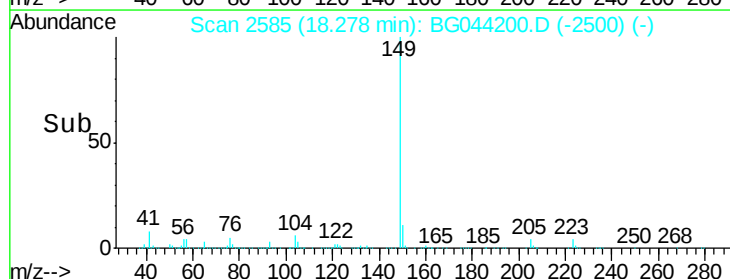
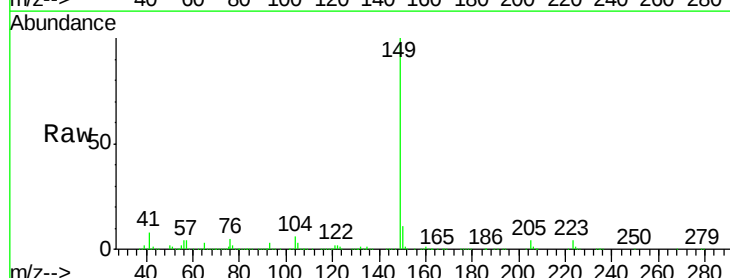
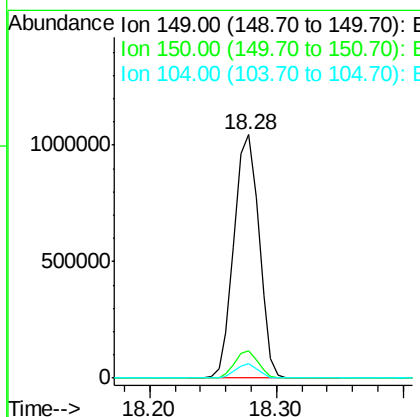
RT: 18.28 min Scan# 2585

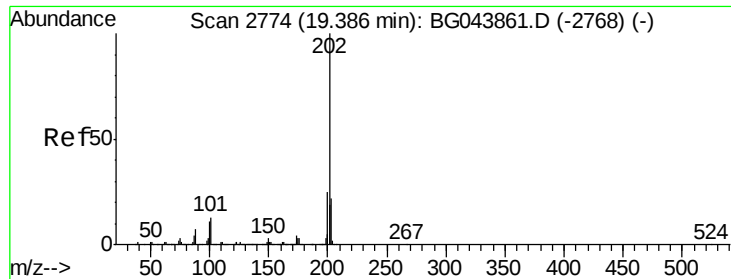
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	149	Resp:	1426218
Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 50.097 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

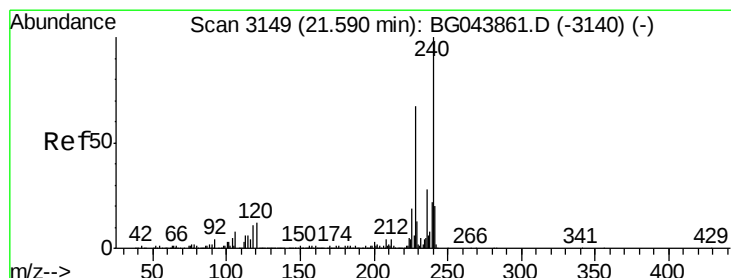
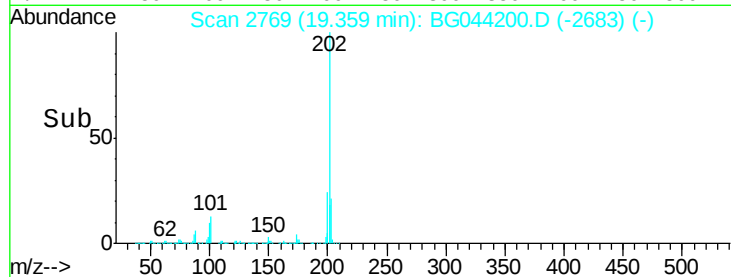
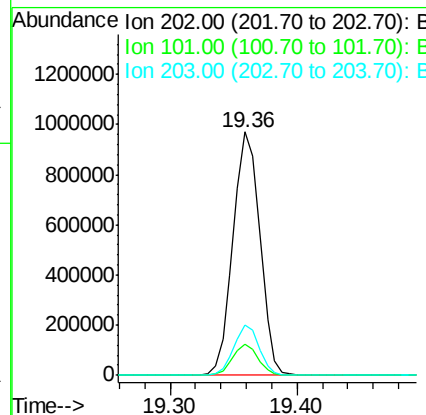
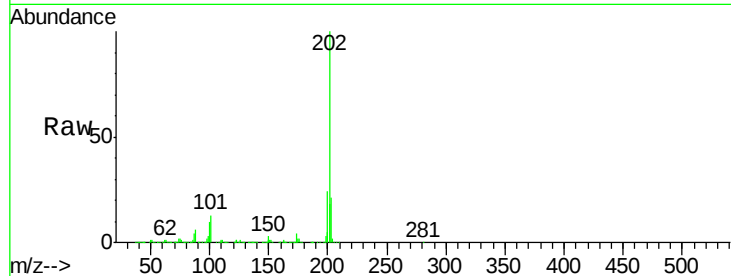
ClientSampleId :

JC-03-012320-AMS

Tot Ion:	202	Resp:	1422801
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.3
203	20.6	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

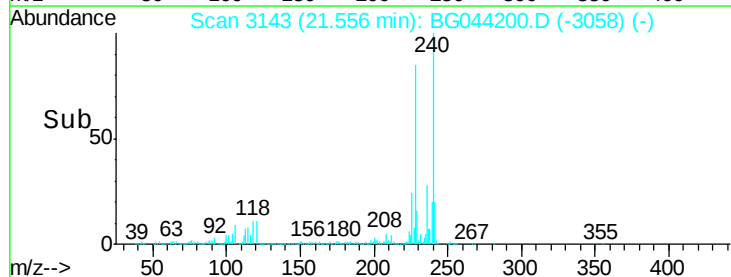
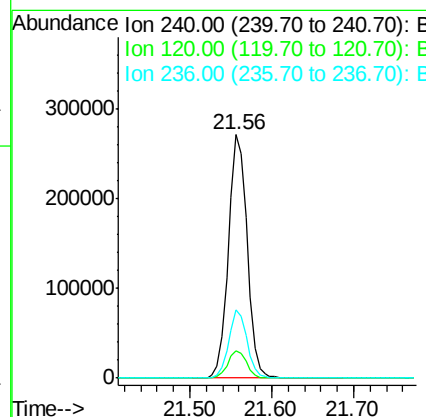
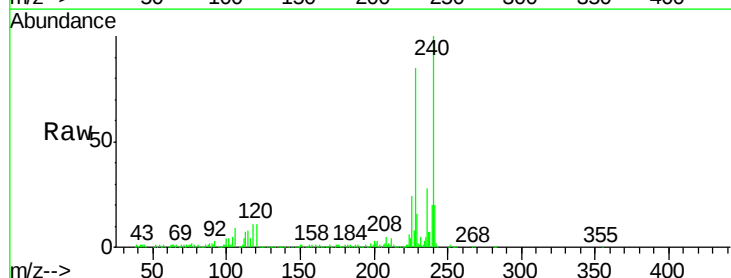
RT: 21.56 min Scan# 3143

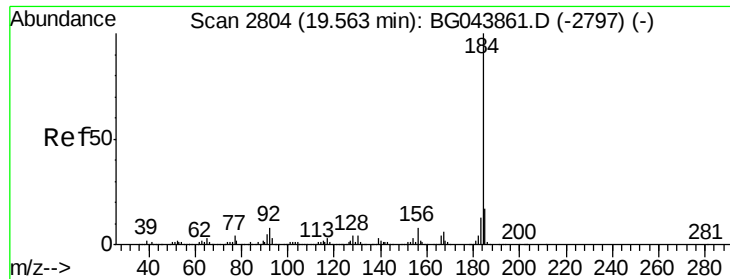
Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	240	Resp:	433048
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.6	14.4
236	27.8	22.2	33.2





#77

Benzidine

Concen: 58.300 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

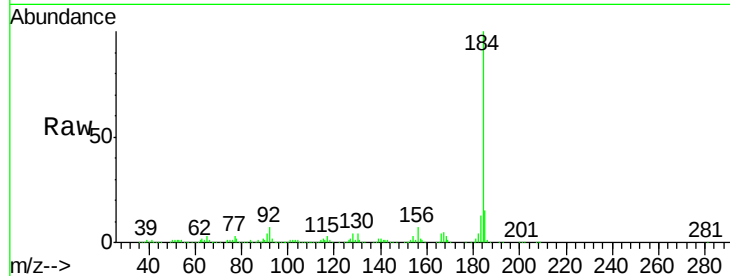
ClientSampleId :

JC-03-012320-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.0
183	13.0	10.6	15.8

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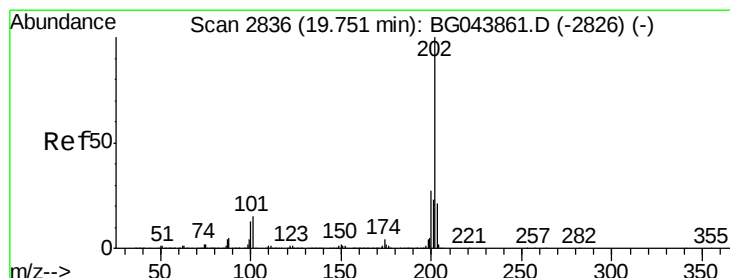
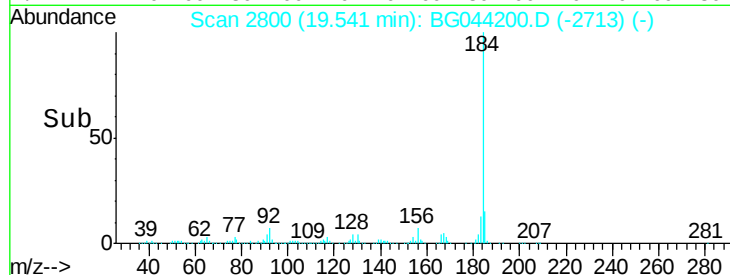
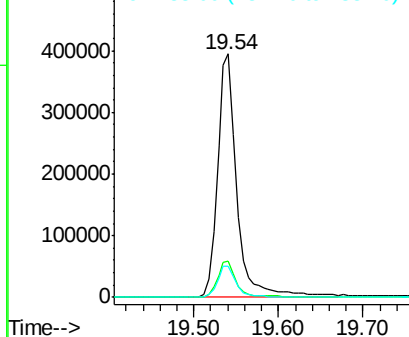


Abundance

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: 50.610 ng

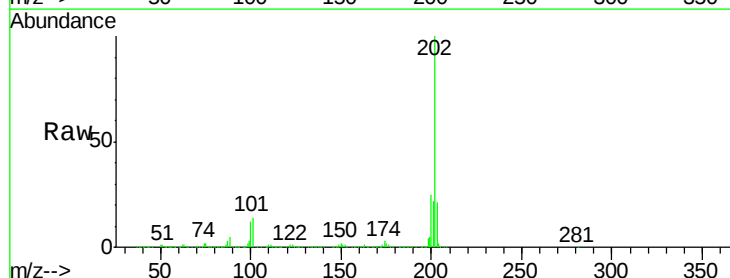
RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.2	21.7	32.5
203	21.2	17.0	25.6

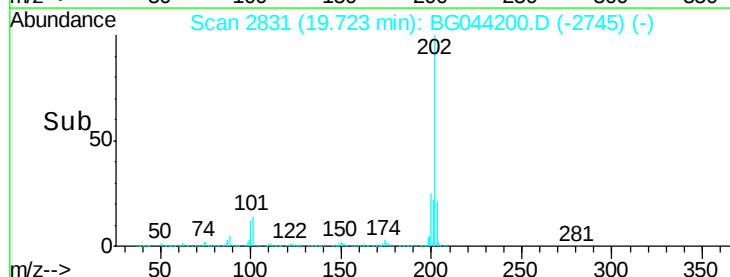
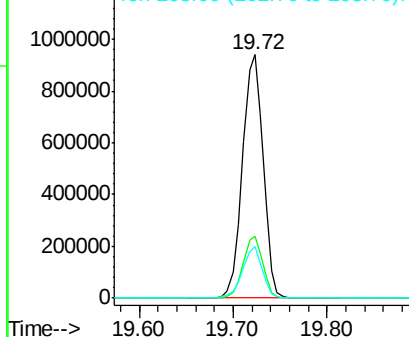


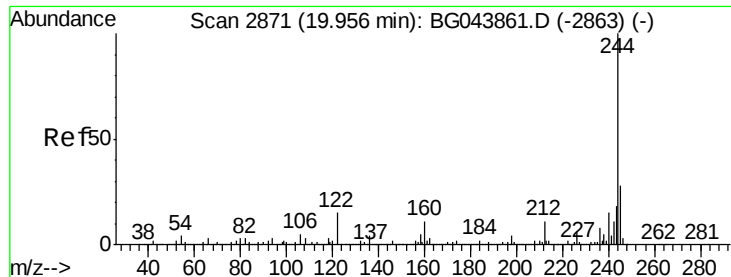
Abundance

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: 119.317 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMS

Tot Ion:244 Resp: 1938917

Ion Ratio Lower Upper

244 100

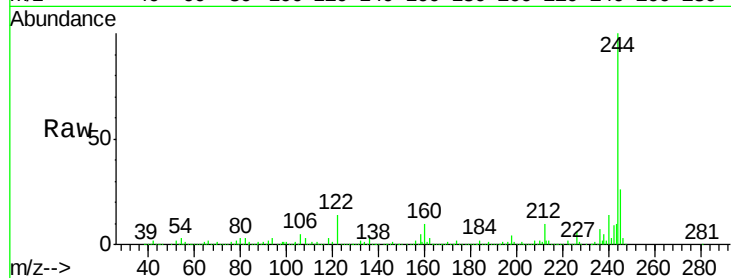
212 9.8 8.6 13.0

122 13.6 11.9 17.9

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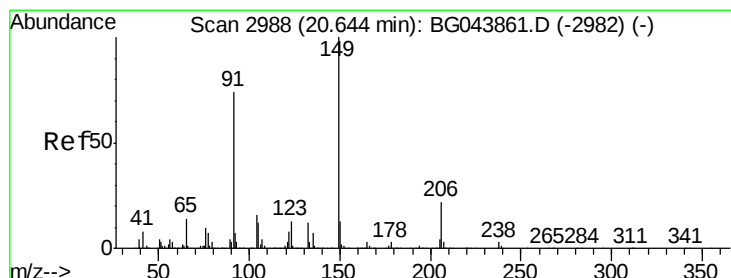
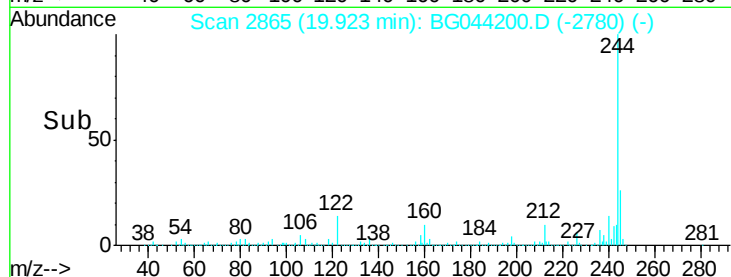
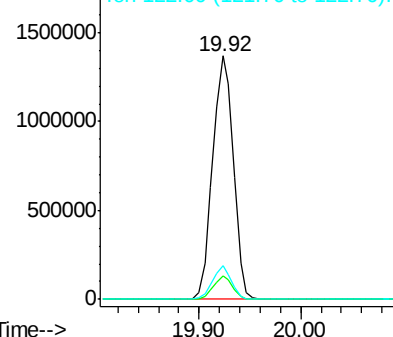
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.167 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

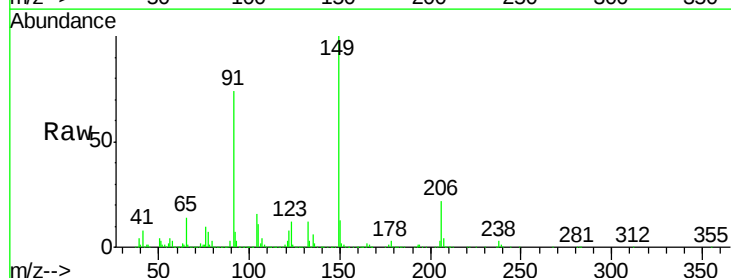
Tgt Ion:149 Resp: 675122

Ion Ratio Lower Upper

149 100

91 73.7 59.5 89.3

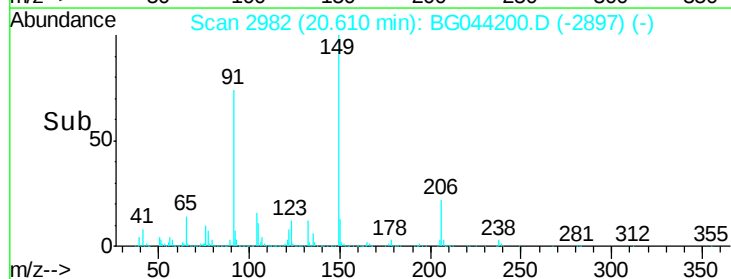
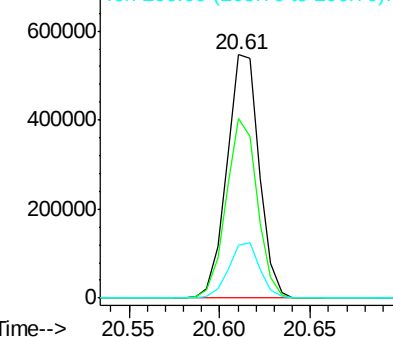
206 21.5 17.8 26.6

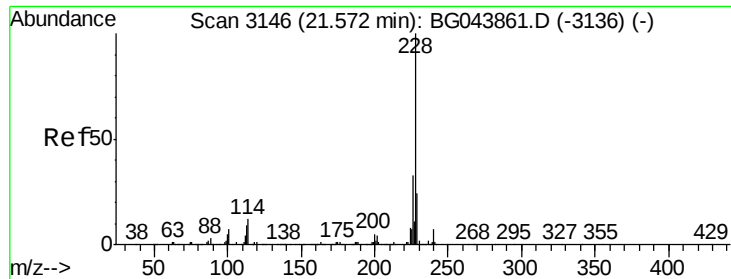


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.150 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMS

Tot Ion:228 Resp: 1373495

Ion Ratio Lower Upper

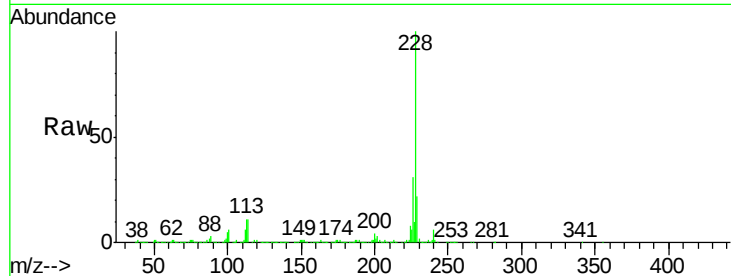
228 100

226 30.7 26.2 39.4

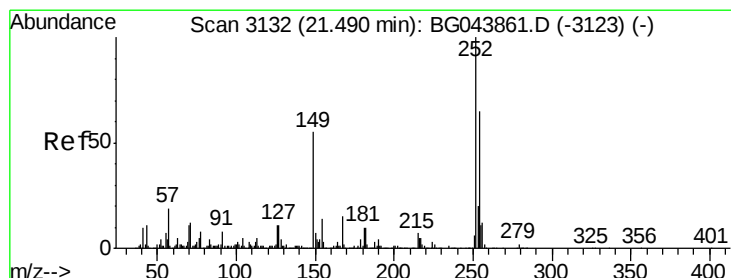
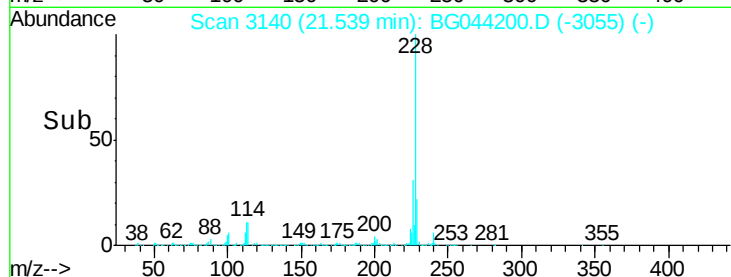
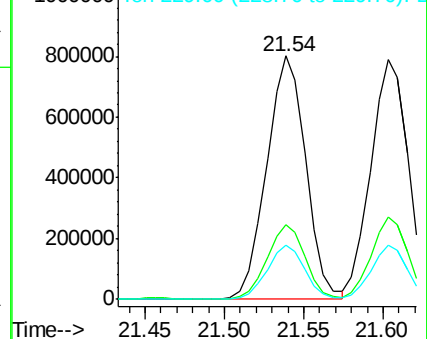
229 22.2 18.9 28.3

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



#82

3,3'-Dichlorobenzidine

Concen: 43.490 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

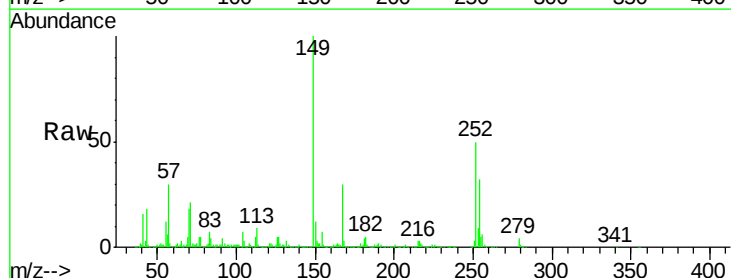
Tgt Ion:252 Resp: 461368

Ion Ratio Lower Upper

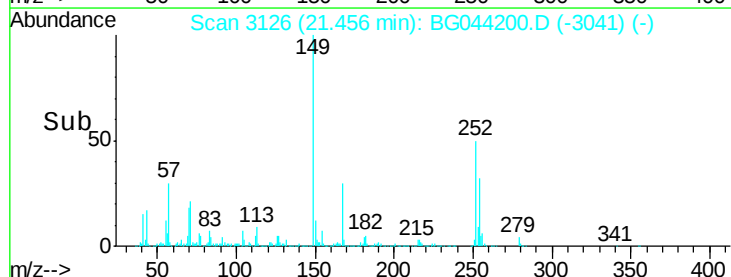
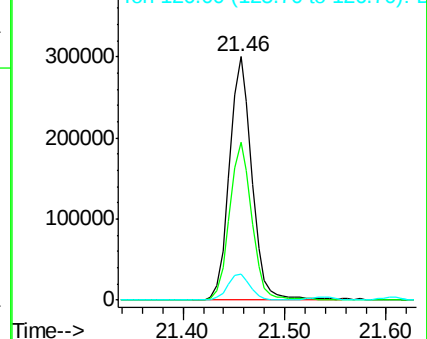
252 100

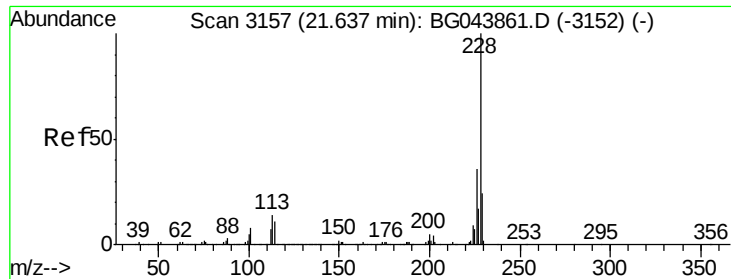
254 64.8 52.1 78.1

126 10.7 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





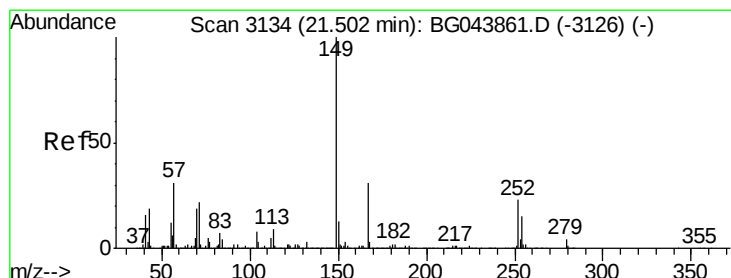
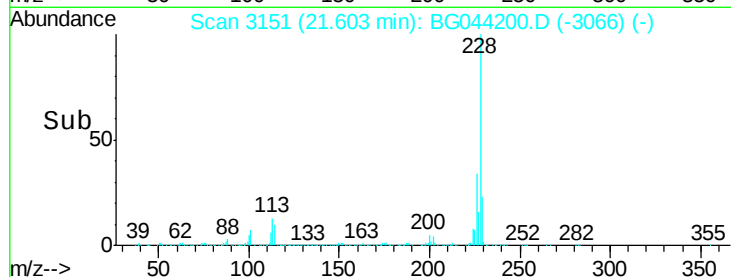
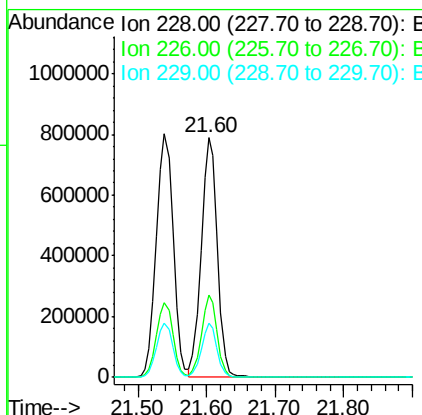
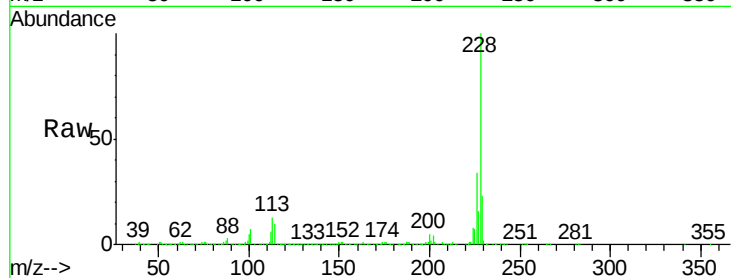
#83
Chrysene
Concen: 51.093 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion:228 Resp: 1303634
Ion Ratio Lower Upper
228 100
226 34.2 28.8 43.2
229 22.6 19.0 28.6

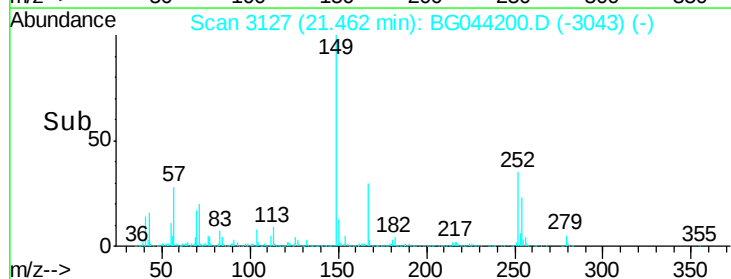
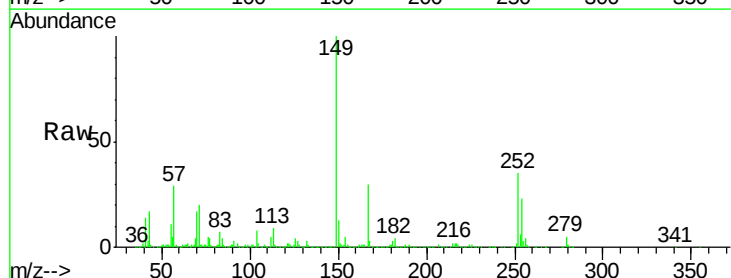
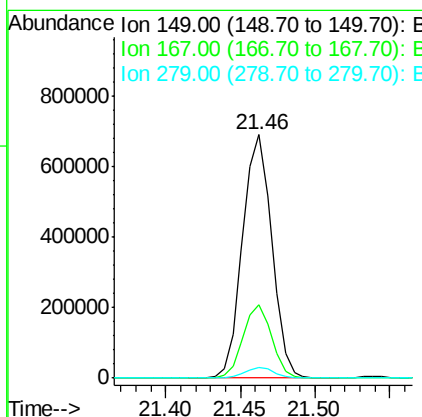
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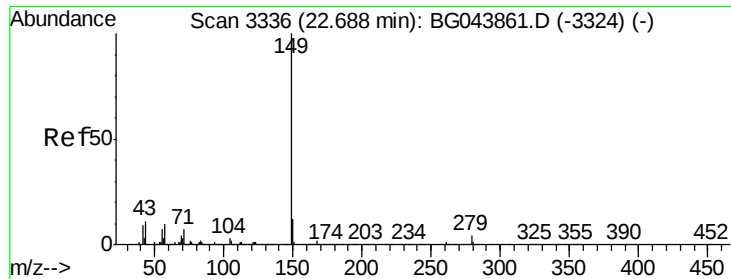
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.537 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion:149 Resp: 938410
Ion Ratio Lower Upper
149 100
167 30.1 24.7 37.1
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.501 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Instrument :

BNA_G

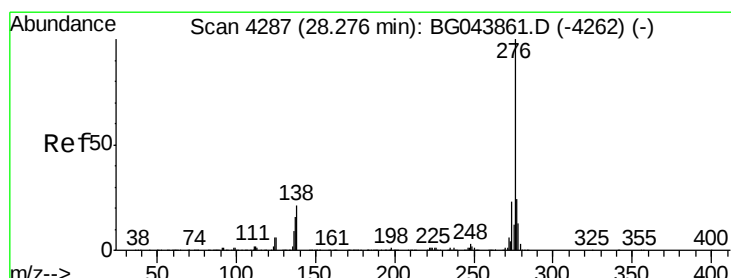
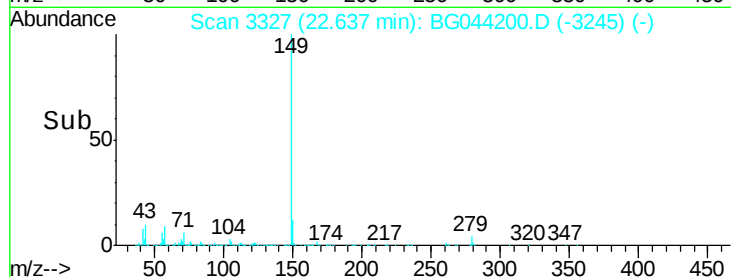
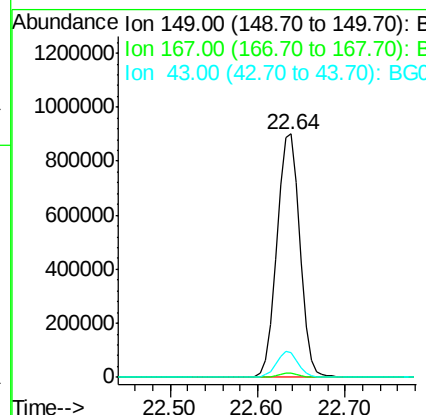
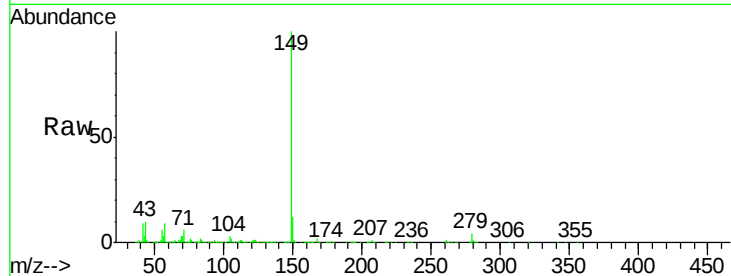
ClientSampleId :

JC-03-012320-AMS

Tot Ion:	149	Resp:	1638931
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.8	13.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.194 ng

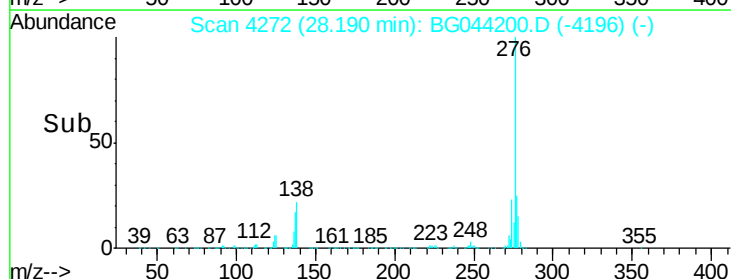
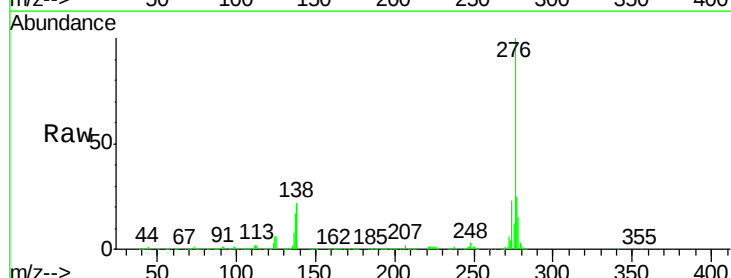
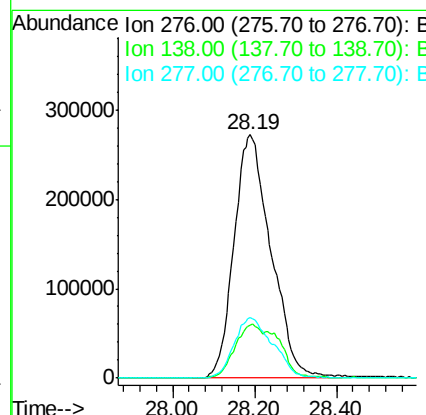
RT: 28.19 min Scan# 4272

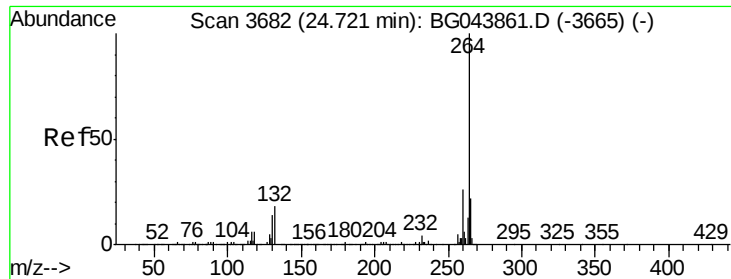
Delta R.T. -0.09 min

Lab File: BG044200.D

Acq: 25 Jan 2020 3:47

Tgt Ion:	276	Resp:	1705769
Ion	Ratio	Lower	Upper
276	100		
138	15.8	21.0	31.4#
277	26.1	21.1	31.7





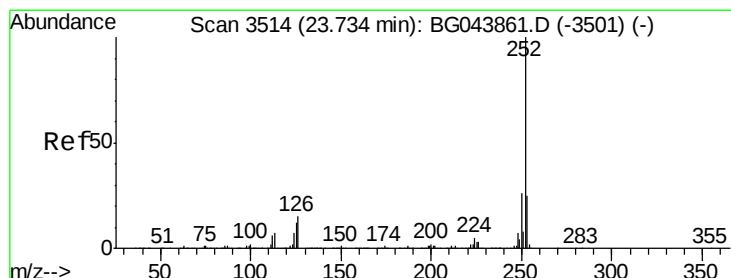
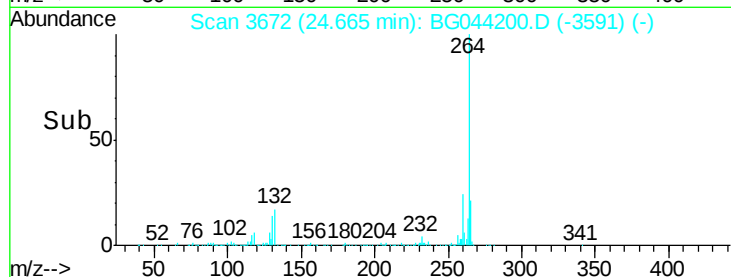
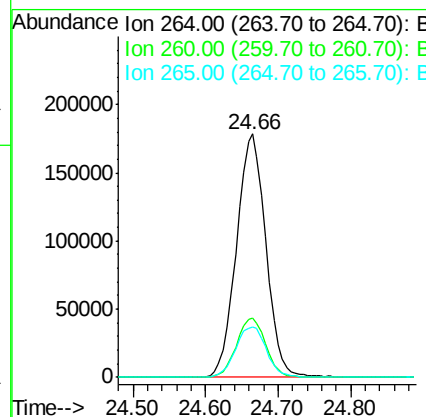
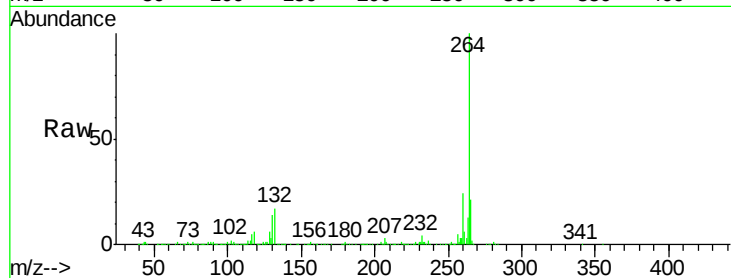
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	20.9	17.4	26.2

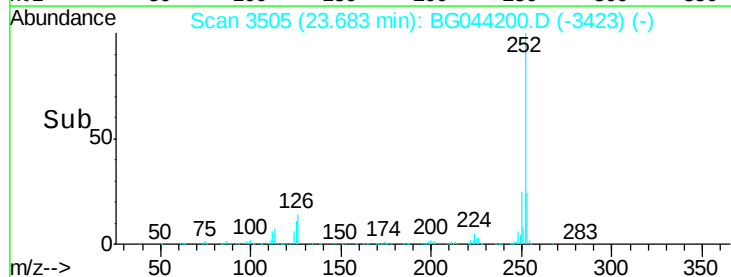
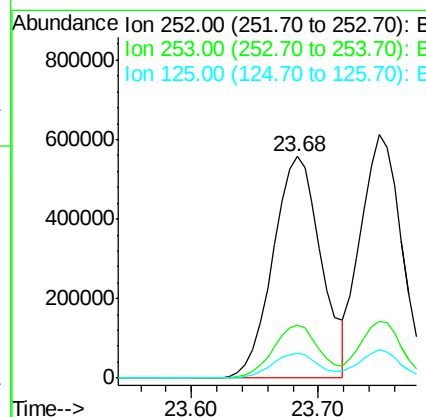
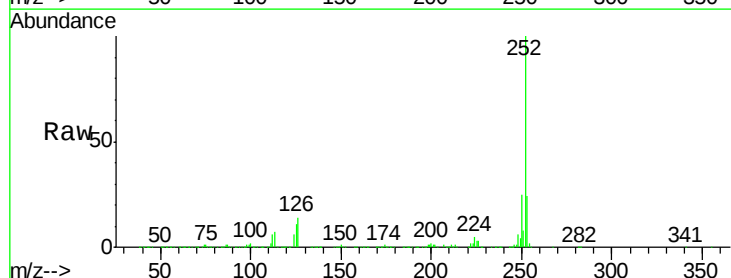
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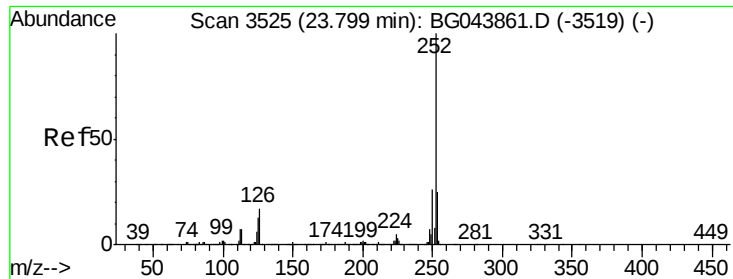
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#88
Benzo(b)fluoranthene
Concen: 49.479 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	11.3	9.4	14.2





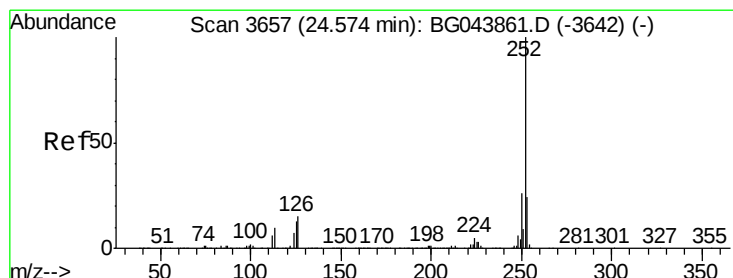
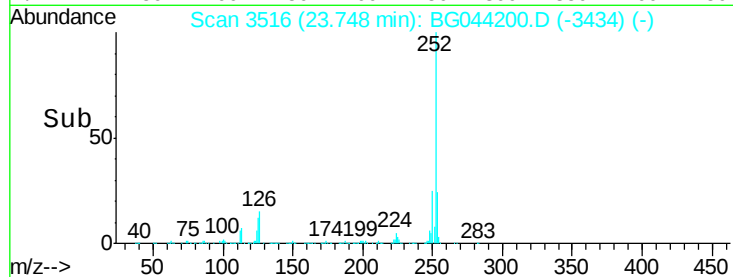
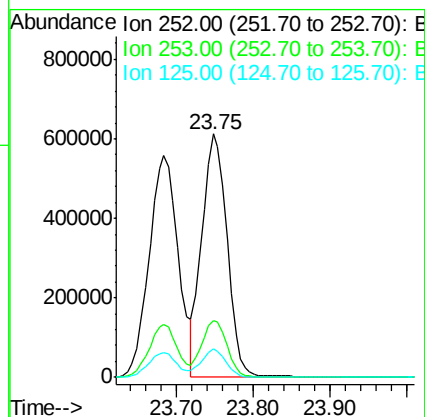
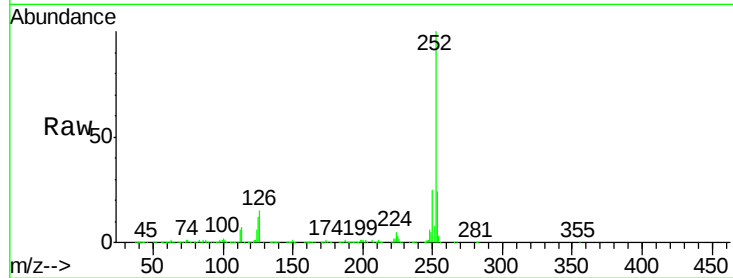
#89
Benzo(k)fluoranthene
Concen: 48.863 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion:252 Resp: 1382230
Ion Ratio Lower Upper
252 100
253 23.5 19.4 29.2
125 11.9 9.9 14.9

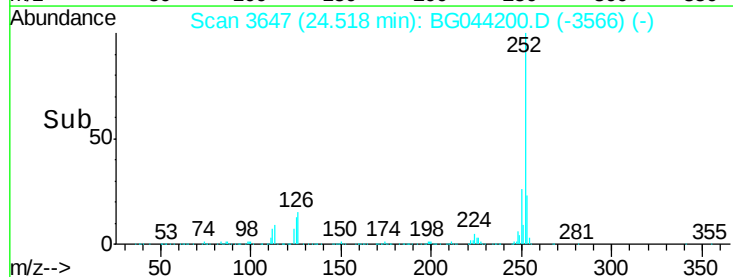
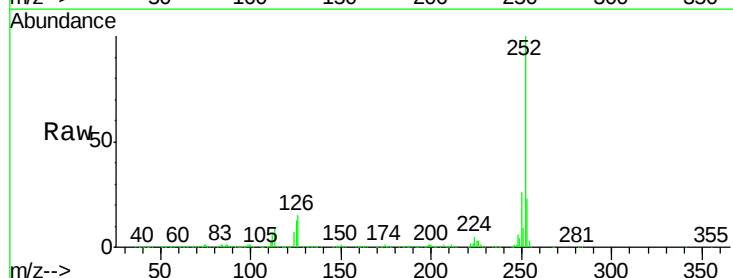
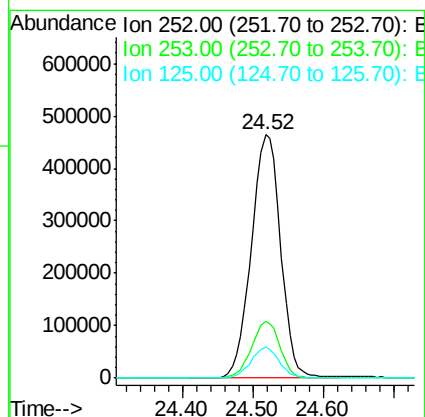
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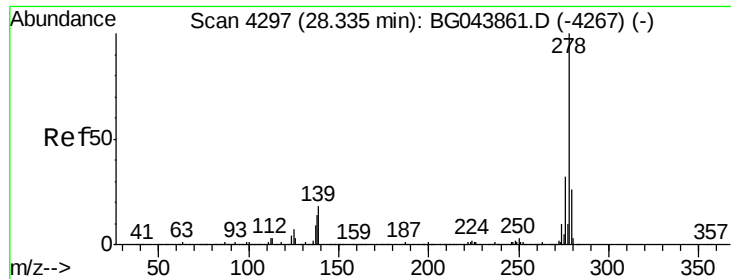
mohammad
1/28/2020 8:11:44 AM



#90
Benzo(a)pyrene
Concen: 47.950 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion:252 Resp: 1346253
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 12.8 10.4 15.6





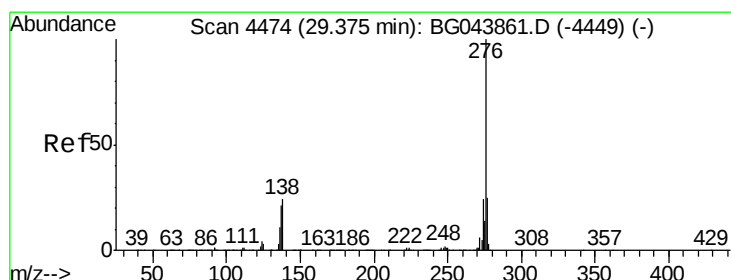
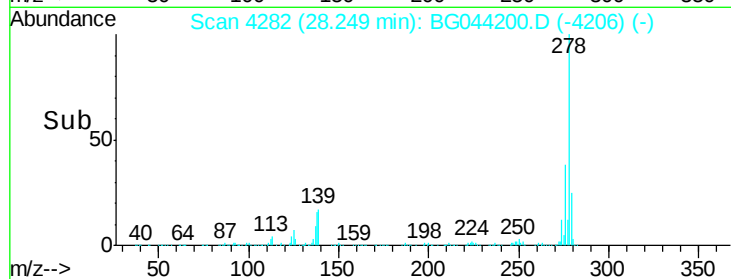
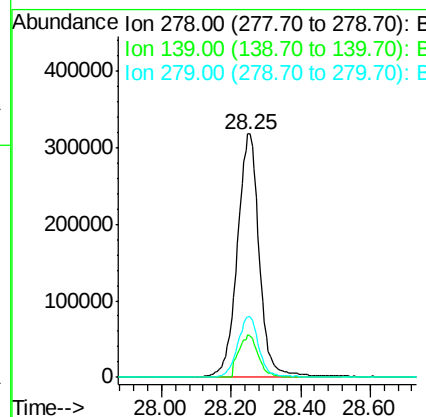
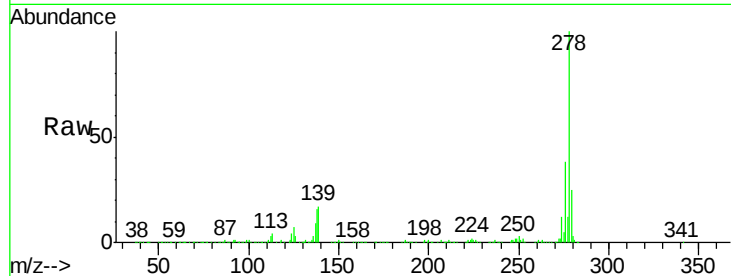
#91
Dibenzo(a,h)anthracene
Concen: 49.695 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.09 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

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

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.3	14.2	21.4	
279	24.8	20.6	30.8	

Manual Integrations
APPROVED

mohammad
1/28/2020 8:11:44 AM



#92
Benzo(g,h,i)perylene
Concen: 51.314 ng
RT: 29.28 min Scan# 4458
Delta R.T. -0.09 min
Lab File: BG044200.D
Acq: 25 Jan 2020 3:47

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.3	20.2	30.4	
138	22.8	19.0	28.6	

