

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044226.D
 Acq On : 27 Jan 2020 22:05
 Operator : CG/JU
 Sample : L1269-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Manual Integrations
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 1/28/2020 1:12:47 PM

Quant Time: Jan 28 02:27:21 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	82560	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	376121	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	251694	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	528240	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	452170	20.00	ng	-0.03
87) Perylene-d12	24.67	264	523417	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	594988	132.32	ng	-0.03
7) Phenol-d6	7.10	99	800926	127.43	ng	-0.02
23) Nitrobenzene-d5	9.09	82	475609	67.65	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	316635	120.21	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1043872	75.14	ng	-0.04
79) Terphenyl-d14	19.93	244	1495835	78.01	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	76937	39.243 ng	95
3) Pyridine	3.79	79	196556	33.937 ng	93
4) n-Nitrosodimethylamine	3.70	42	105038	40.735 ng	97
6) Aniline	7.25	93	146584	17.756 ng	97
8) 2-Chlorophenol	7.49	128	275054	52.106 ng	95
9) Benzaldehyde	7.06	77	126366	31.413 ng	100
10) Phenol	7.13	94	352778	54.477 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	241065	43.125 ng	98
12) 1,3-Dichlorobenzene	7.82	146	269080	43.560 ng	99
13) 1,4-Dichlorobenzene	7.96	146	269704	44.251 ng	99
14) 1,2-Dichlorobenzene	8.29	146	259125	44.294 ng	100
15) Benzyl Alcohol	8.17	79	221189	44.591 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324555	37.529 ng	99
17) 2-Methylphenol	8.38	107	232581	49.631 ng	99
18) Hexachloroethane	9.02	117	99845	42.100 ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	193428	41.325 ng	97
20) 3+4-Methylphenols	8.70	107	321275	49.144 ng	98
22) Acetophenone	8.75	105	369788	39.547 ng	# 97
24) Nitrobenzene	9.13	77	277502	39.851 ng	98
25) Isophorone	9.65	82	537816	40.773 ng	100
26) 2-Nitrophenol	9.84	139	151397	45.954 ng	96
27) 2,4-Dimethylphenol	9.91	122	262014	52.833 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	347183	39.480 ng	99
29) 2,4-Dichlorophenol	10.38	162	275088	46.502 ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	270045	40.714 ng	98
31) Naphthalene	10.78	128	806789	44.327 ng	99
32) Benzoic acid	10.06	122	106120	29.110 ng	96
33) 4-Chloroaniline	10.88	127	90542	10.430 ng	95
34) Hexachlorobutadiene	11.08	225	157833	38.974 ng	100
35) Caprolactam	11.65	113	100343m	45.565 ng	
36) 4-Chloro-3-methylphenol	12.02	107	292175	46.396 ng	97
37) 2-Methylnaphthalene	12.39	142	606448	44.257 ng	97
38) 1-Methylnaphthalene	12.61	142	577512	44.468 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	296934	40.250 ng	99

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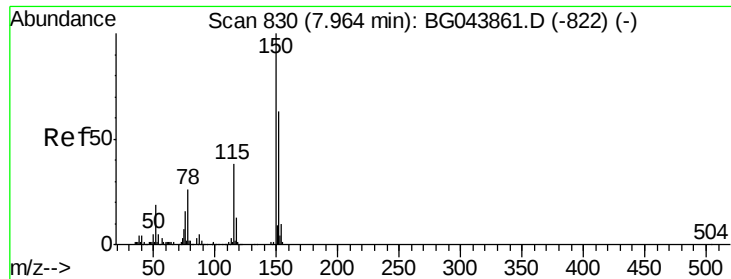
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	324563	84.862	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	214738	42.304	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	231789	44.274	ng	99
46) 1,1'-Biphenyl	13.40	154	773736	42.876	ng	98
47) 2-Chloronaphthalene	13.44	162	608235	41.710	ng	97
48) 2-Nitroaniline	13.64	65	180306	38.439	ng	95
49) Acenaphthylene	14.29	152	958924	45.752	ng	97
50) Dimethylphthalate	14.02	163	896456	50.162	ng	99
51) 2,6-Dinitrotoluene	14.13	165	176764	43.761	ng	95
52) Acenaphthene	14.63	154	600495	40.854	ng	98
53) 3-Nitroaniline	14.46	138	81884	17.851	ng	97
54) 2,4-Dinitrophenol	14.67	184	139996	68.851	ng	98
55) Dibenzofuran	14.97	168	924058	45.668	ng	97
56) 4-Nitrophenol	14.79	139	308128	87.660	ng	94
57) 2,4-Dinitrotoluene	14.93	165	240823	43.816	ng	99
58) Fluorene	15.61	166	723893	45.137	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	206717	45.918	ng	95
60) Diethylphthalate	15.39	149	780570	43.669	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	381043	43.756	ng	97
62) 4-Nitroaniline	15.63	138	173314	38.261	ng	94
63) Azobenzene	15.90	77	715970	43.191	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130260	47.874	ng	94
66) n-Nitrosodiphenylamine	15.82	169	672922	43.258	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	248209	41.778	ng	98
68) Hexachlorobenzene	16.62	284	266403	41.614	ng	96
69) Atrazine	16.77	200	251714	49.780	ng	99
70) Pentachlorophenol	16.97	266	273685	77.554	ng	99
71) Phenanthrene	17.35	178	1116742	44.075	ng	99
72) Anthracene	17.45	178	1158562	46.268	ng	98
73) Carbazole	17.71	167	1023423	44.246	ng	97
74) Di-n-butylphthalate	18.28	149	1268206	42.944	ng	97
75) Fluoranthene	19.36	202	1292875	44.618	ng	96
77) Benzidine	19.54	184	339066	29.833	ng	97
78) Pyrene	19.72	202	1290067	43.709	ng	96
80) Butylbenzylphthalate	20.61	149	592423	42.160	ng	96
81) Benzo(a)anthracene	21.54	228	1237877	44.150	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	242258	21.870	ng	98
83) Chrysene	21.61	228	1185620	44.503	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	842935	43.475	ng	98
85) Di-n-octyl phthalate	22.64	149	1467303	45.015	ng	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1551924	42.864	ng	# 89
88) Benzo(b)fluoranthene	23.69	252	1328077	42.920	ng	98
89) Benzo(k)fluoranthene	23.75	252	1274290	43.307	ng	99
90) Benzo(a)pyrene	24.53	252	1216922	41.668	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1271453	43.349	ng	97
92) Benzo(g,h,i)perylene	29.30	276	1301689	44.679	ng	97

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



#1

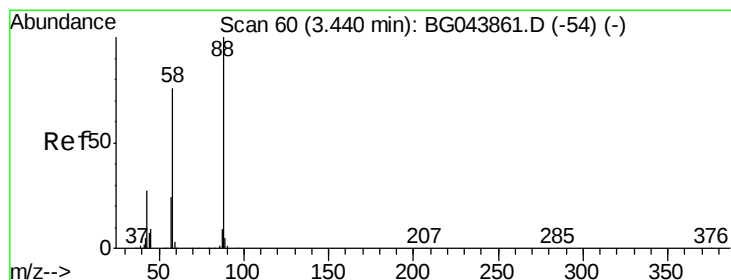
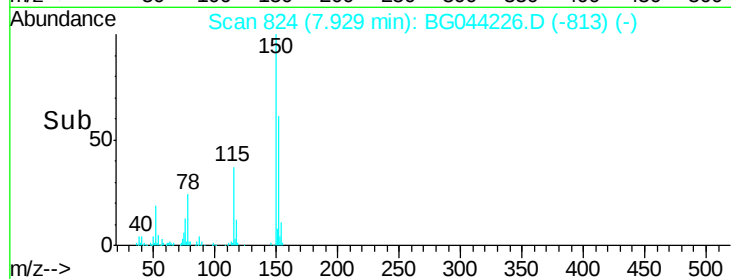
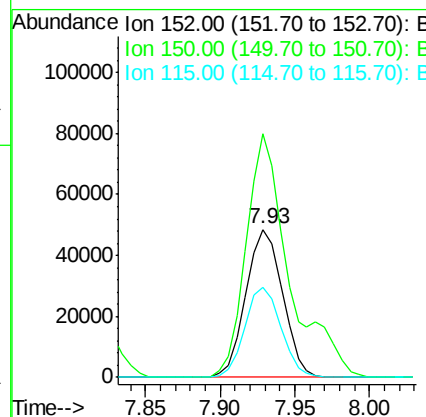
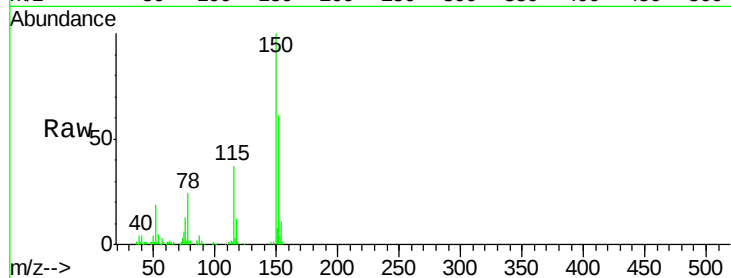
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	127.0	190.4
115	60.5	47.8	71.8

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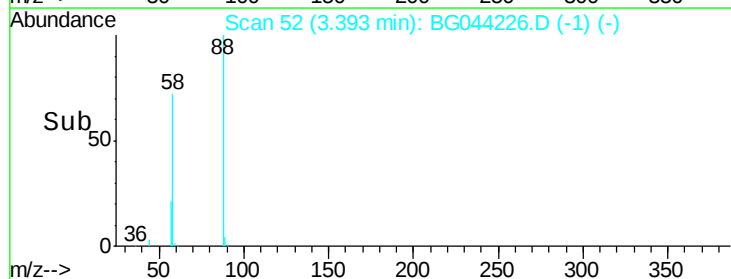
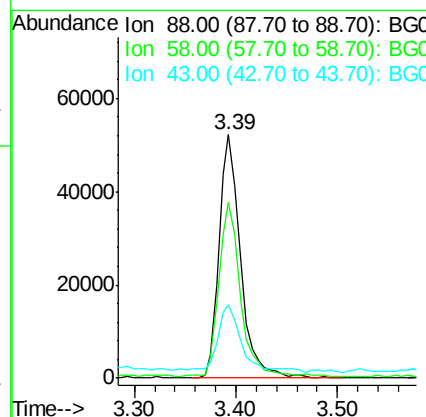
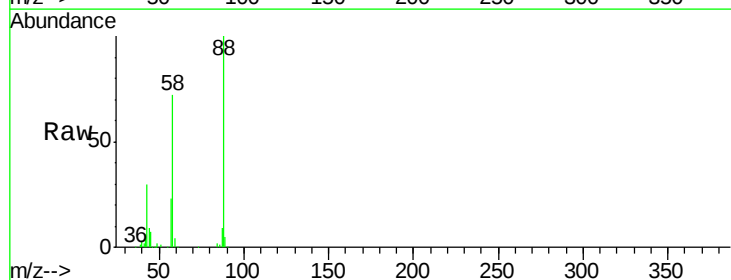
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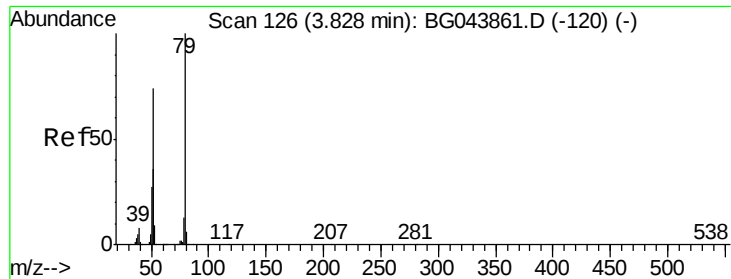


#2

1,4-Dioxane
Concen: 39.243 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	59.8	89.8
43	25.0	22.9	34.3





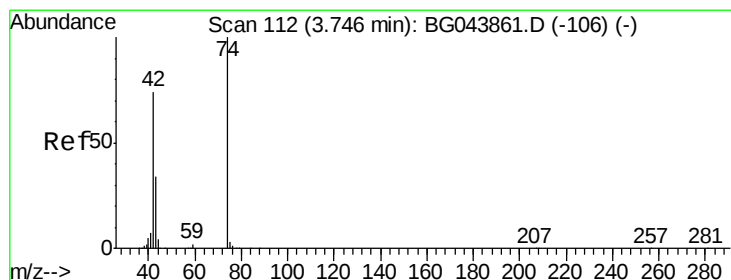
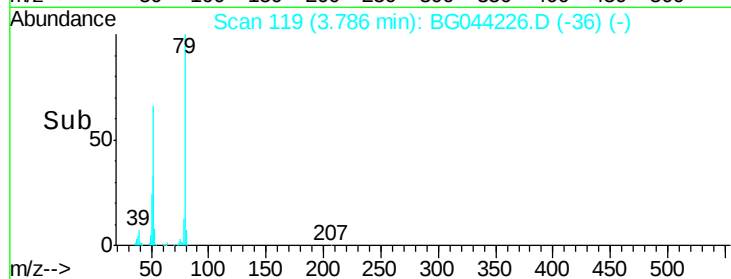
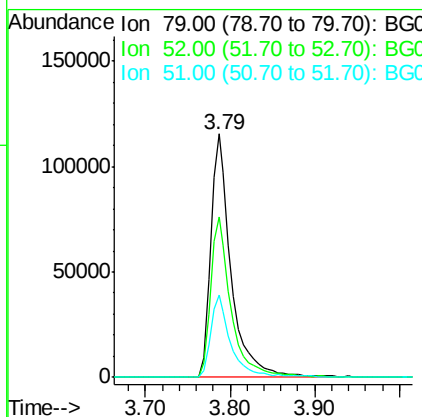
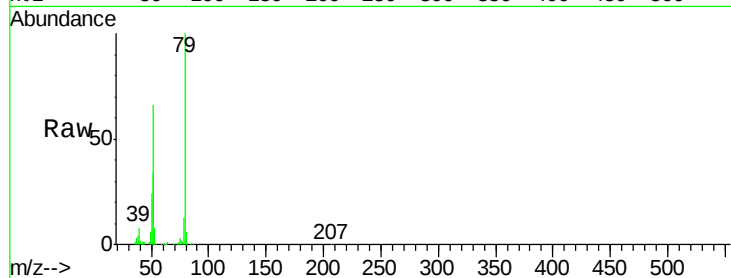
#3
 Pvridine
 Concen: 33.937 ng
 RT: 3.79 min Scan# 119
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		196556		
52	65.9	58.9	88.3		
51	33.6	28.6	43.0		

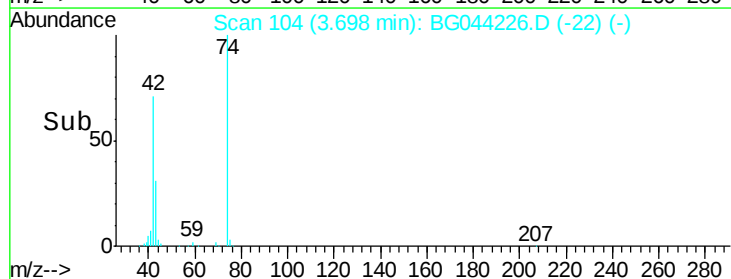
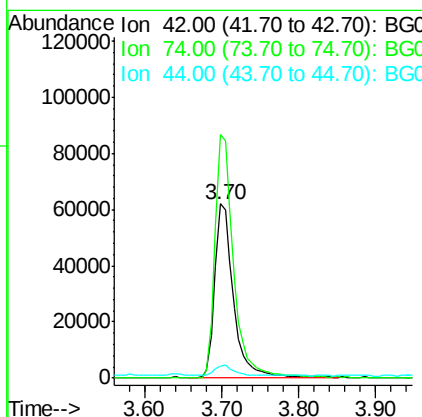
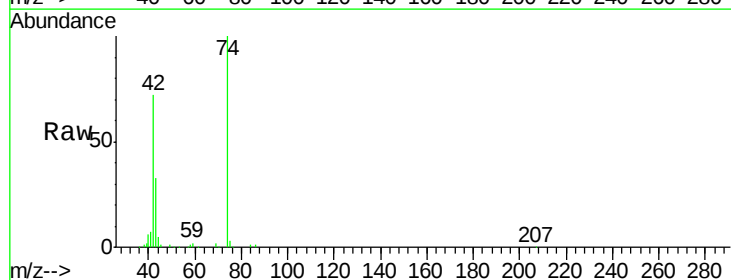
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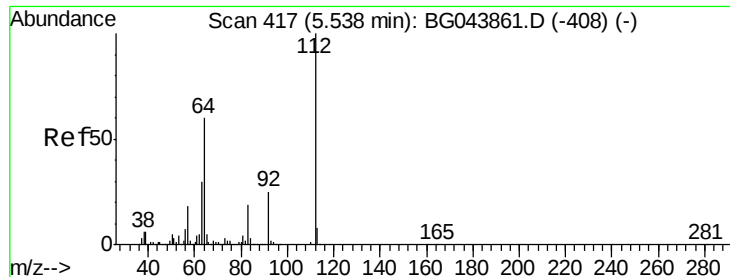
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#4
 n-Nitrosodimethylamine
 Concen: 40.735 ng
 RT: 3.70 min Scan# 104
 Delta R.T. -0.05 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		105038		
74	139.6	108.6	162.8		
44	6.8	5.0	7.6		





#5

2-Fluorophenol

Concen: 132.324 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

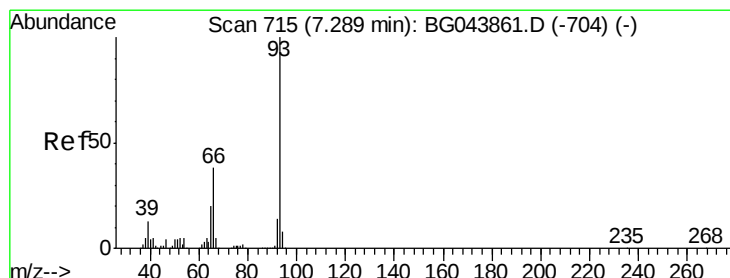
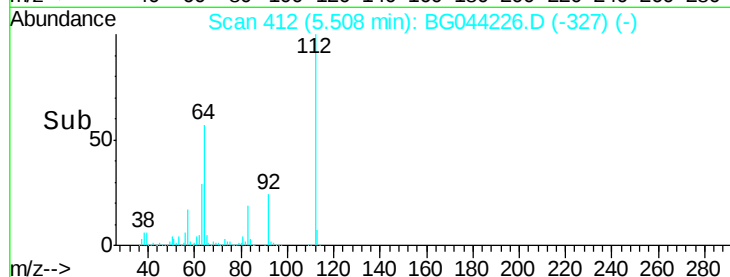
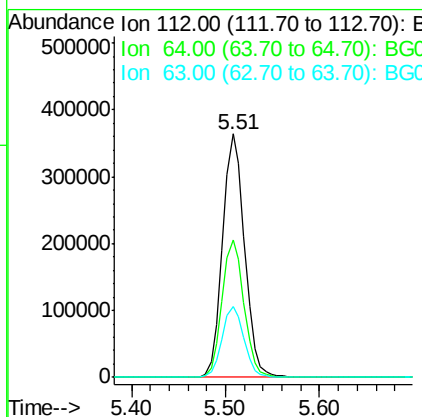
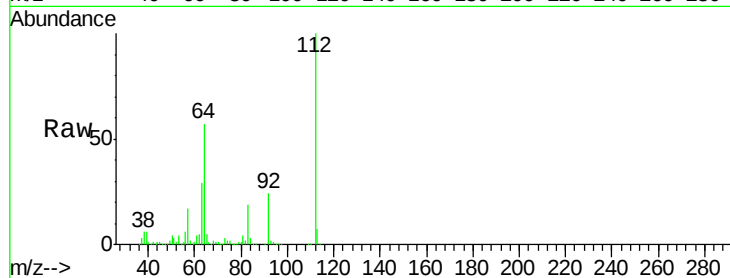
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	112	Resp:	594988
Ion Ratio	Lower	Upper	
112	100		
64	56.5	47.8	71.6
63	29.2	24.3	36.5

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#6

Aniline

Concen: 17.756 ng

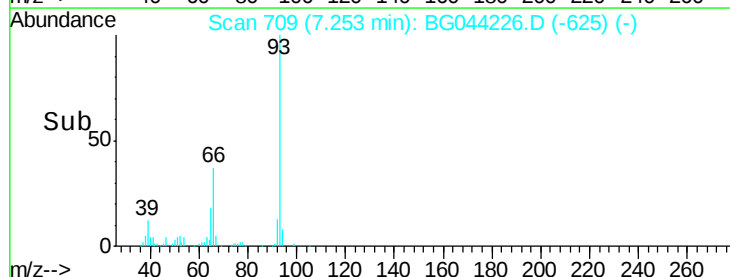
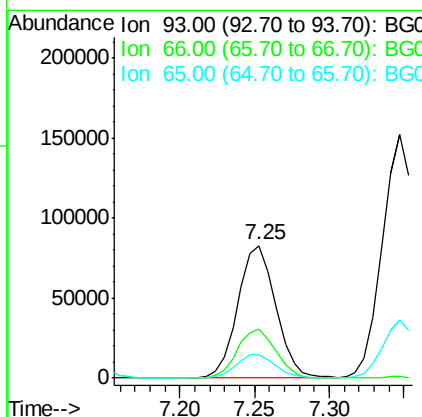
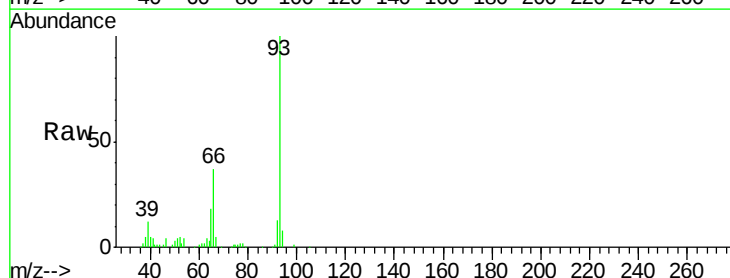
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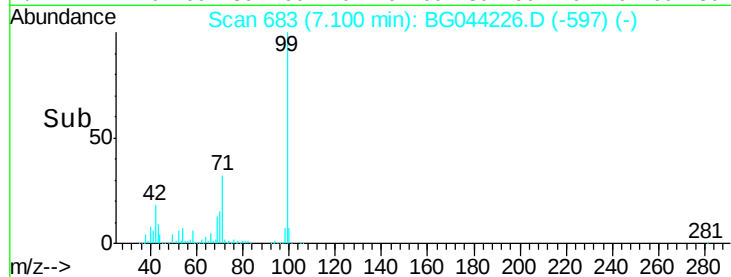
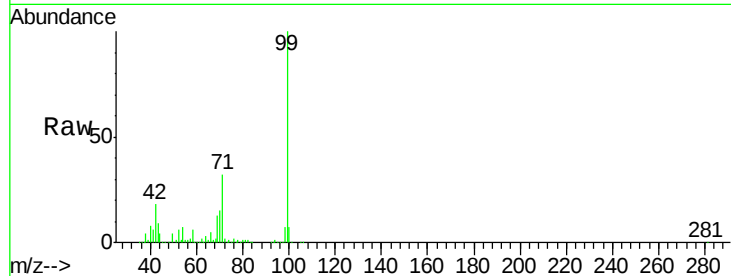
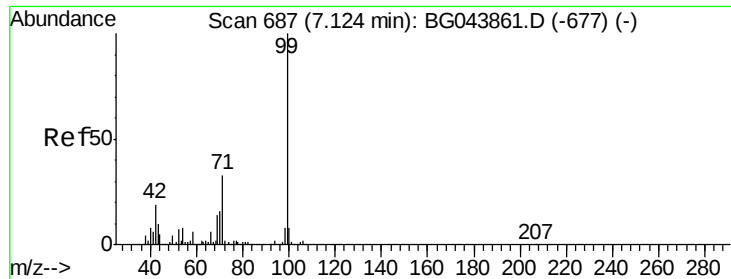
Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:	93	Resp:	146584
Ion Ratio	Lower	Upper	
93	100		
66	36.6	30.8	46.2
65	18.0	16.0	24.0





#7

Phenol-d6

Concen: 127.430 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		800926		
42	17.7	14.9	22.3		
71	32.3	26.4	39.6		

Instrument :

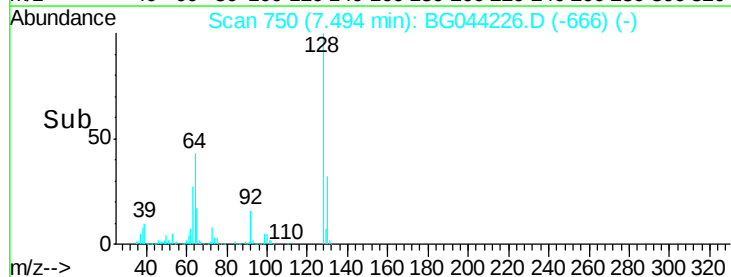
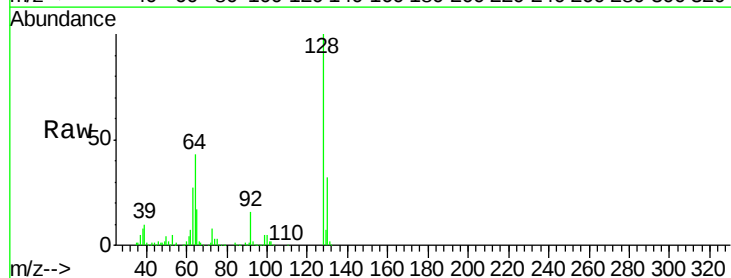
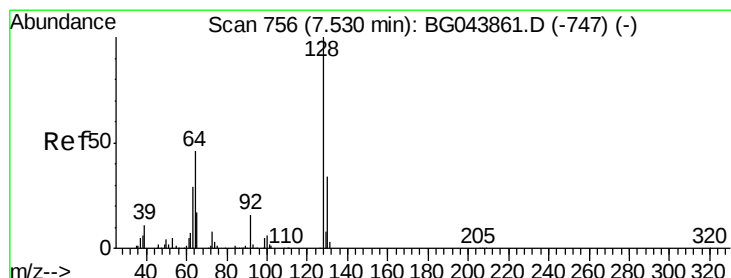
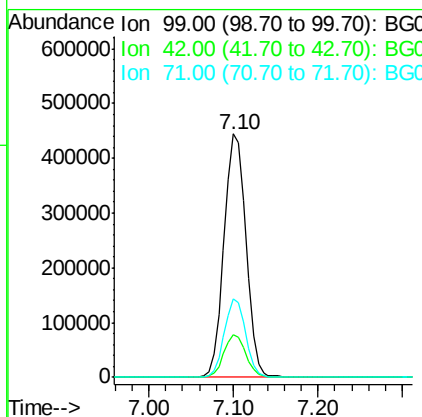
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#8

2-Chlorophenol

Concen: 52.106 ng

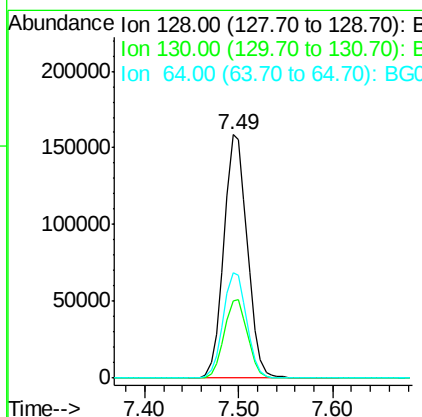
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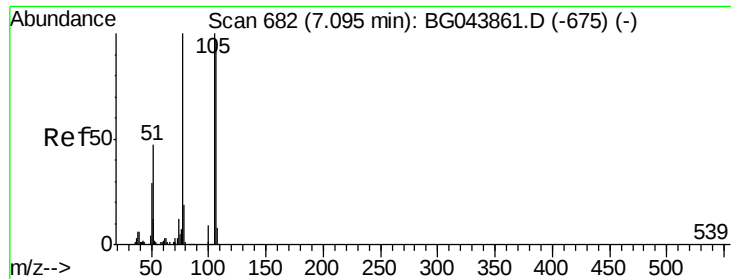
Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		275054		
130	31.6	13.8	53.8		
64	43.4	27.6	67.6		





#9

Benzaldehyde

Concen: 31.413 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

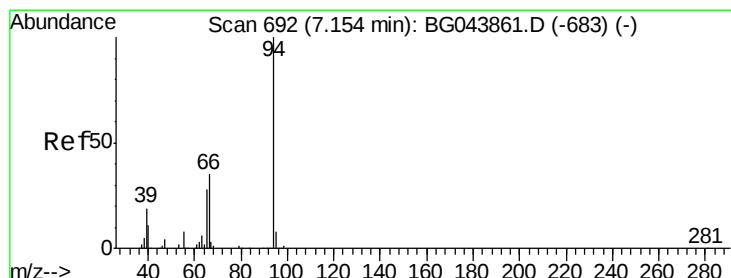
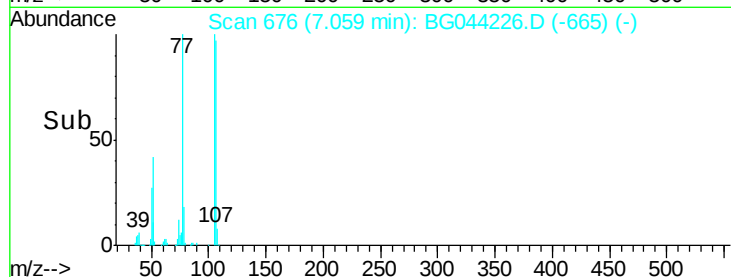
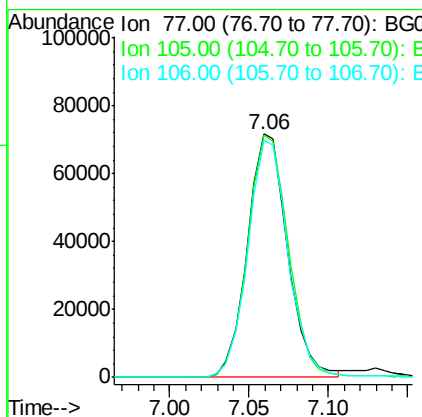
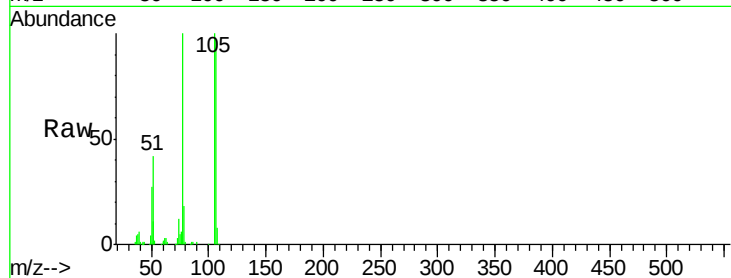
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	77	Resp:	126366
Ion	Ratio	Lower	Upper
77	100		
105	99.6	80.2	120.2
106	97.3	77.2	117.2

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#10

Phenol

Concen: 54.477 ng

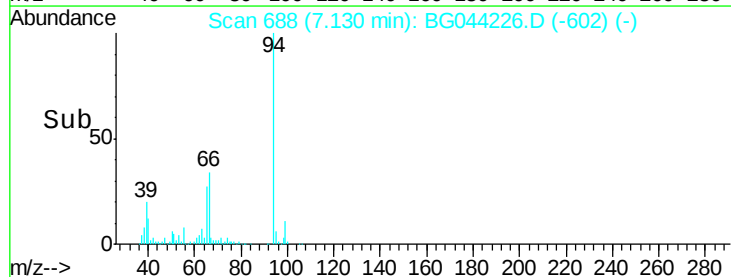
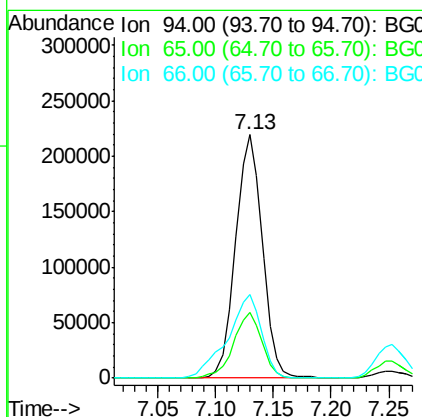
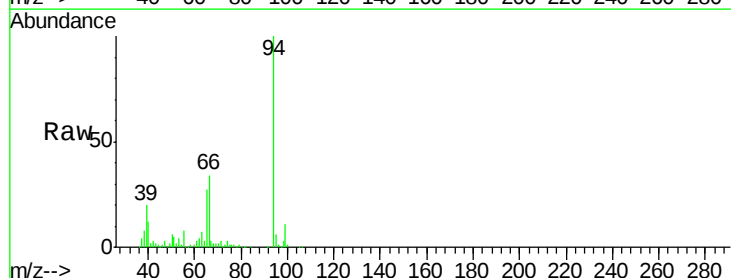
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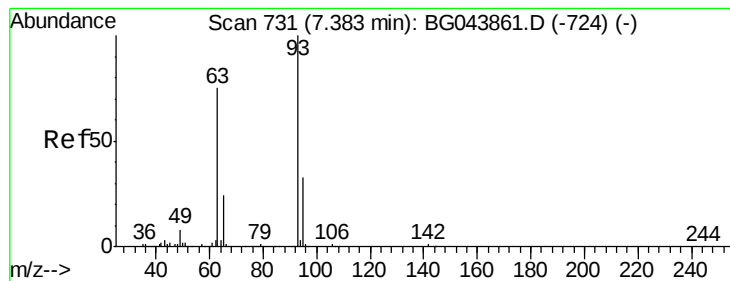
Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:	94	Resp:	352778
Ion	Ratio	Lower	Upper
94	100		
65	27.0	8.1	48.1
66	34.2	15.6	55.6





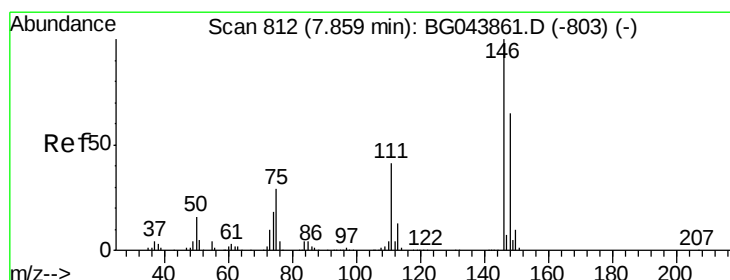
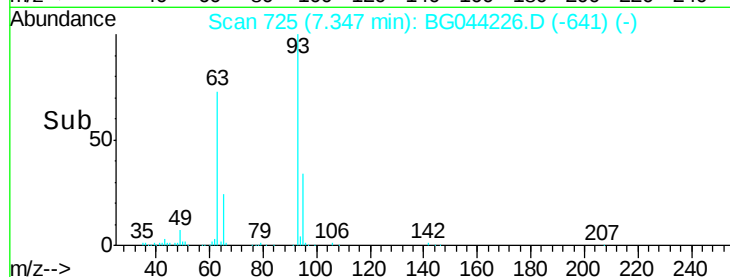
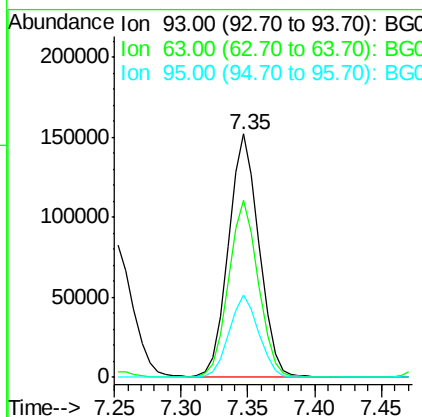
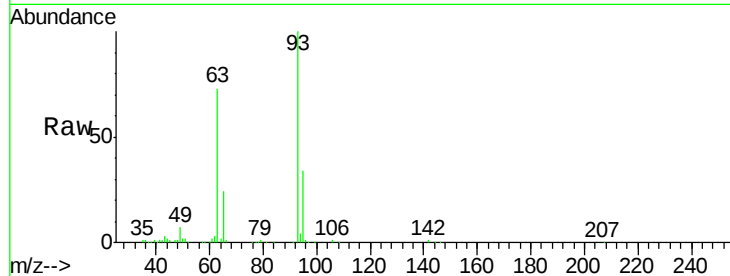
#11
bis(2-Chloroethyl)ether
Concen: 43.125 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	55.0	95.0
95	34.0	13.3	53.3

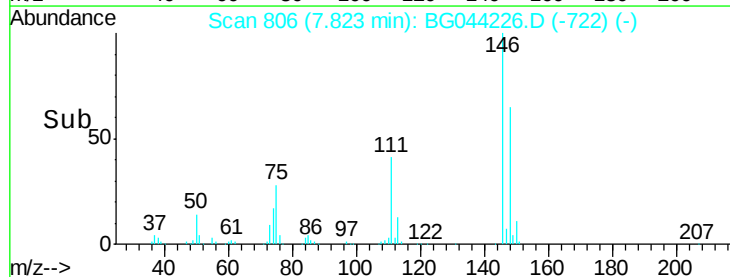
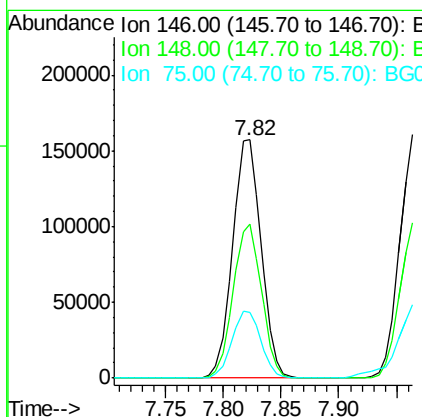
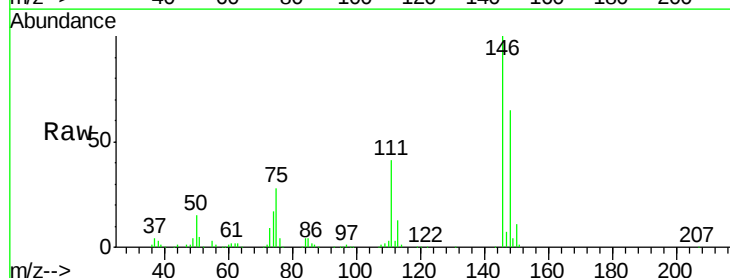
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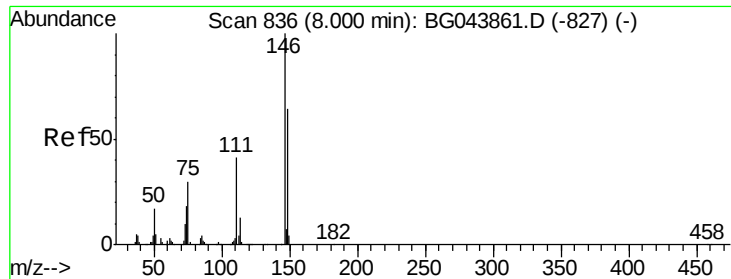
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.560 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	27.7	23.0	34.4





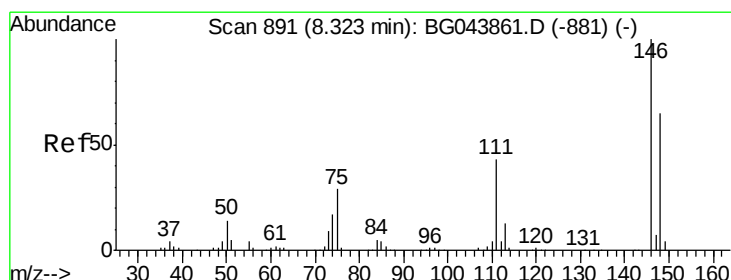
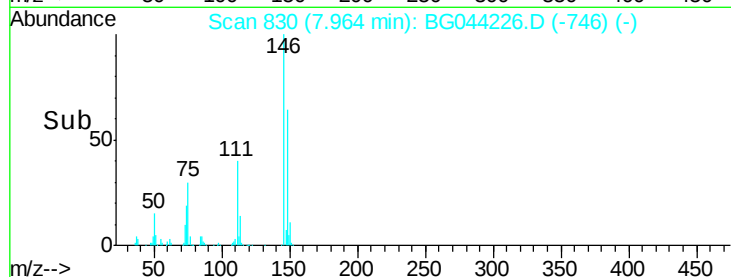
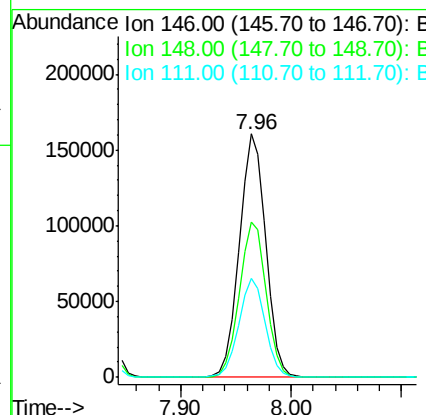
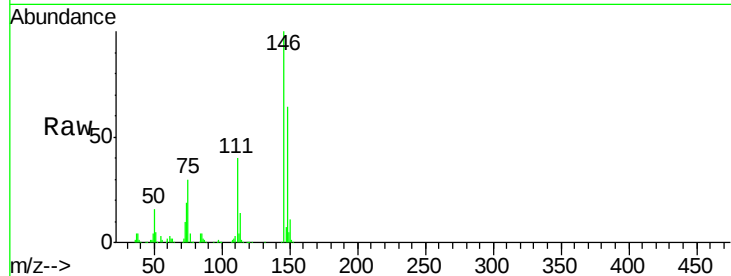
#13
1,4-Dichlorobenzene
Concen: 44.251 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	40.5	33.1	49.7

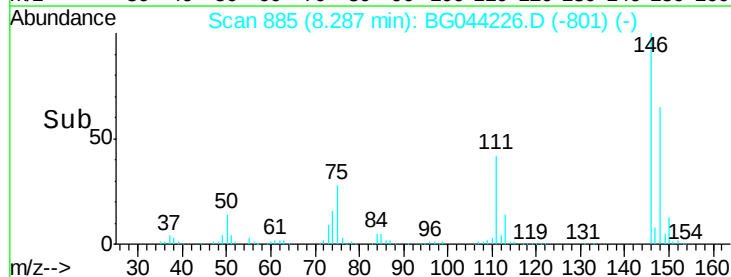
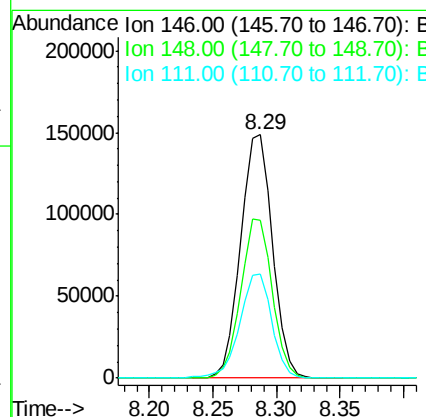
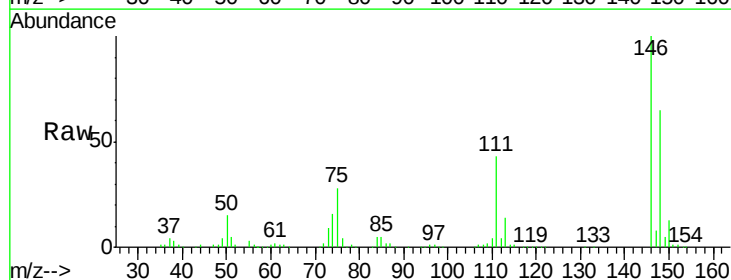
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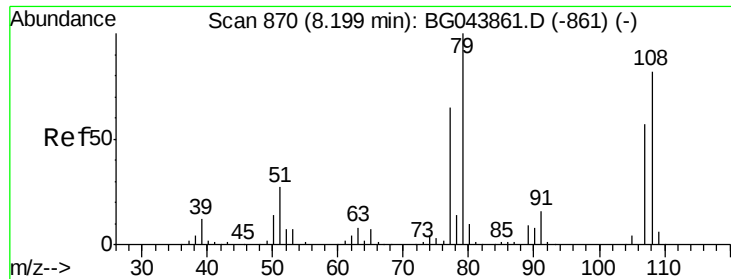
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#14
1,2-Dichlorobenzene
Concen: 44.294 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	42.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.591 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

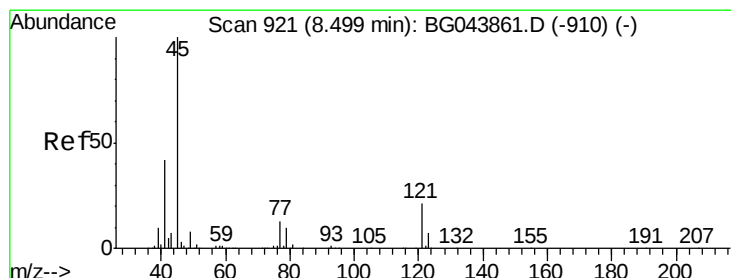
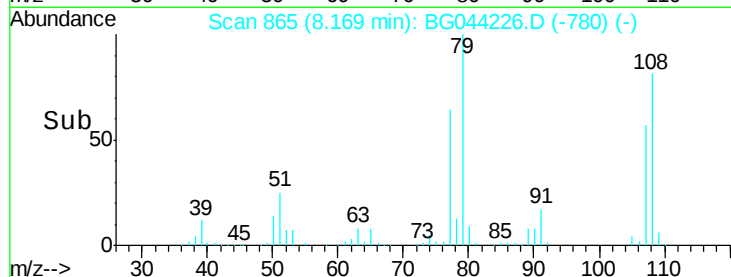
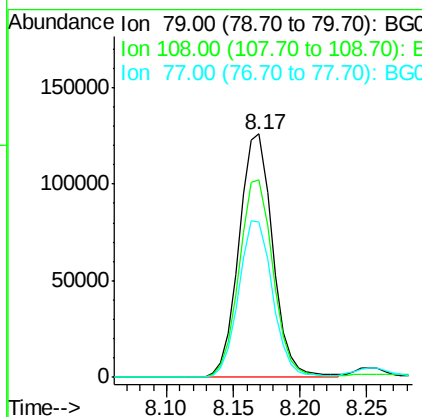
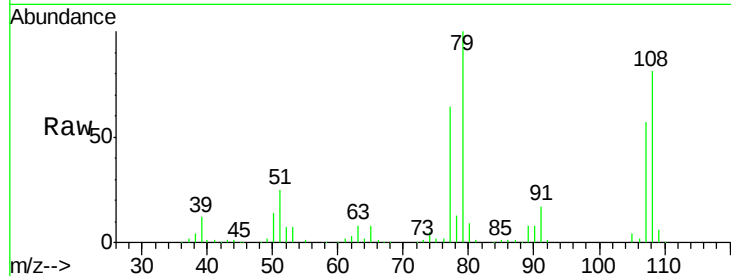
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	79	Resp:	221189
Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.6	98.4
77	63.9	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.529 ng

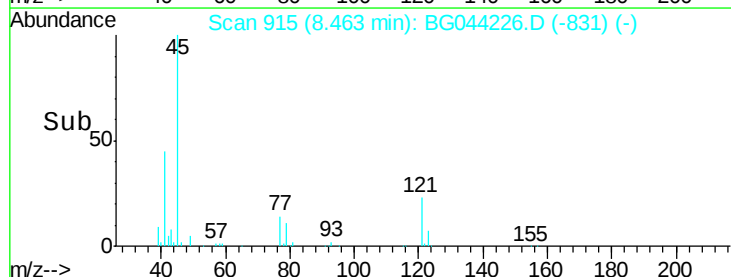
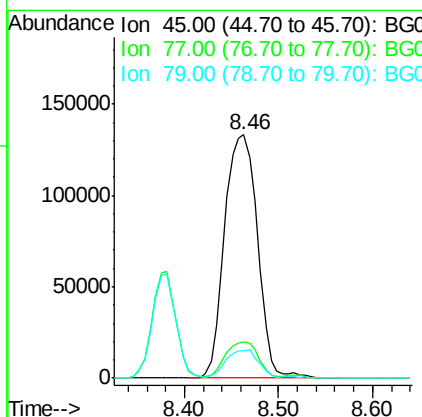
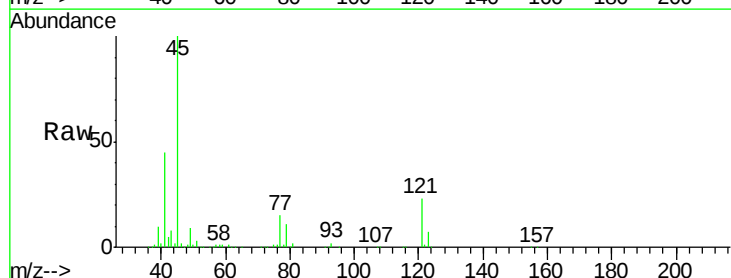
RT: 8.46 min Scan# 915

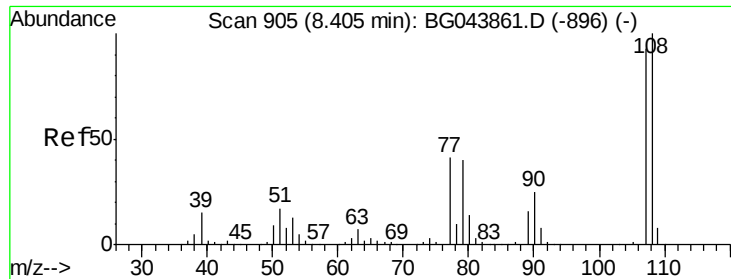
Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:	45	Resp:	324555
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.8
79	11.2	0.0	31.0





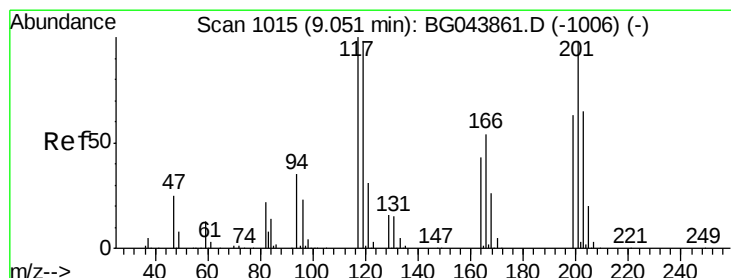
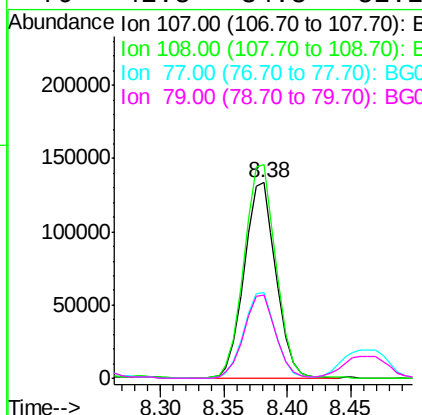
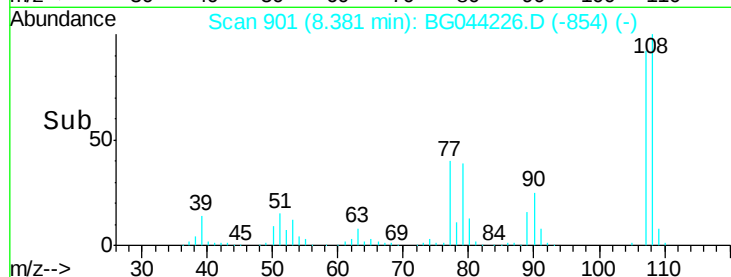
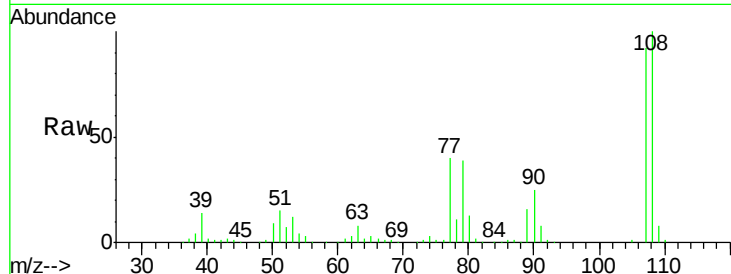
#17
2-Methylphenol
Concen: 49.631 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.1	129.1
77	43.9	35.4	53.0
79	42.8	34.8	52.2

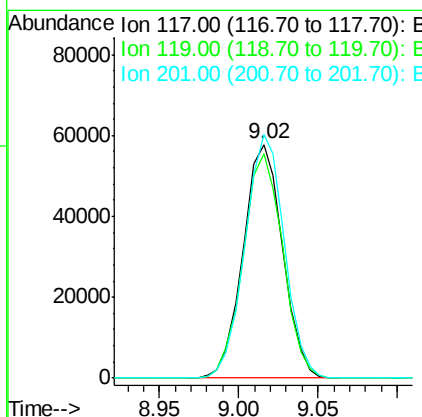
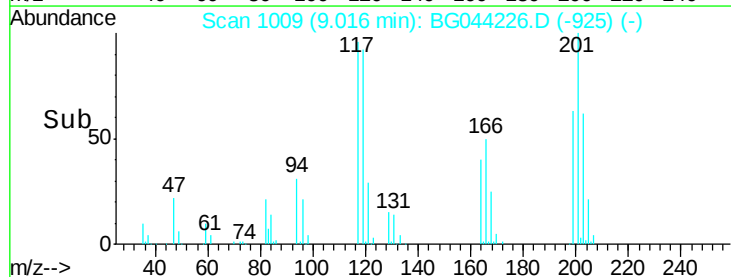
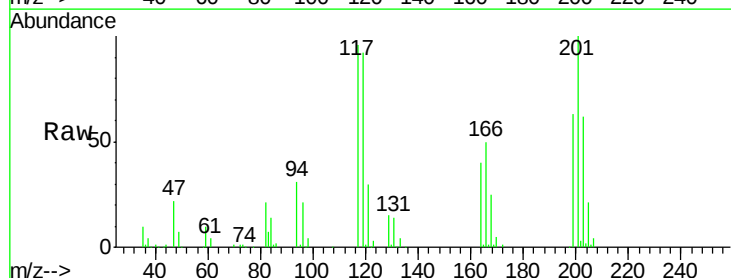
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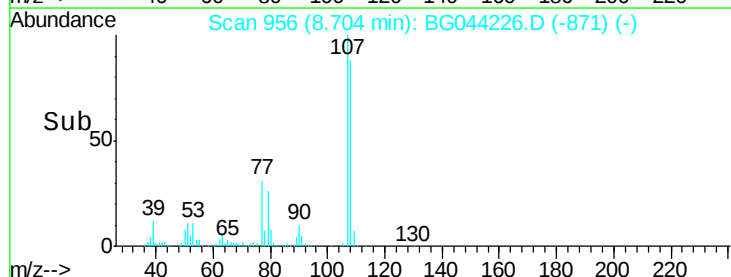
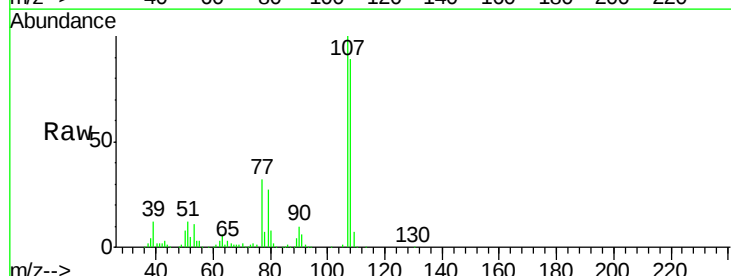
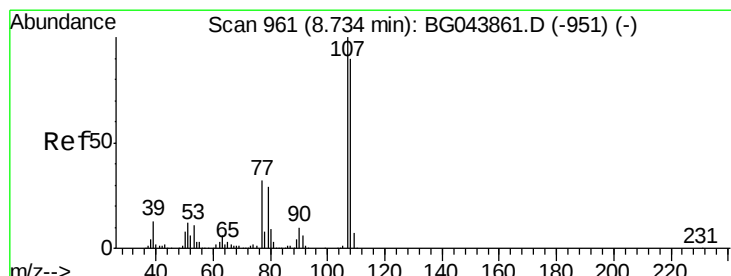
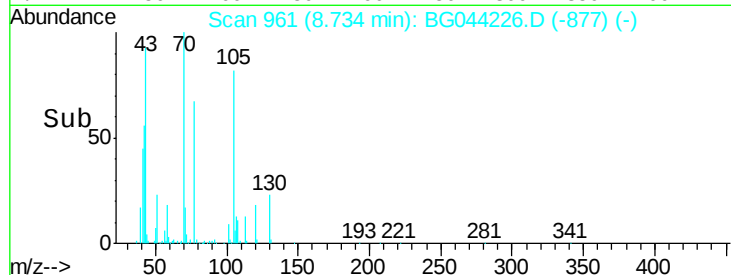
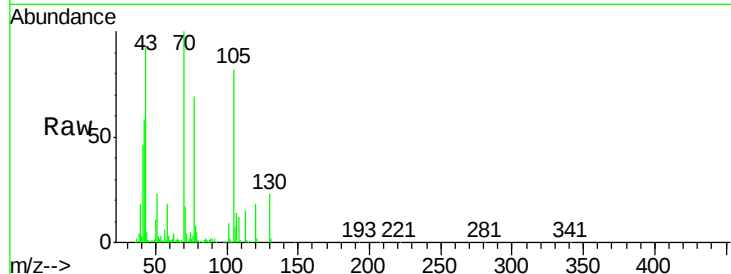
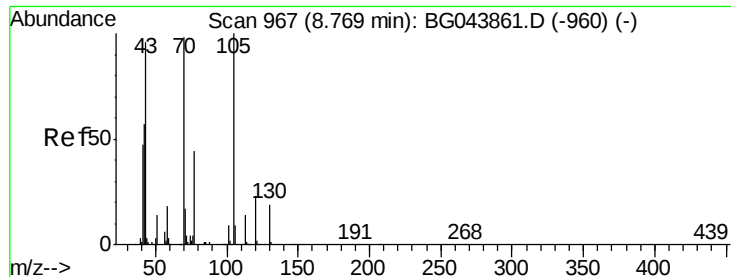
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#18
Hexachloroethane
Concen: 42.100 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

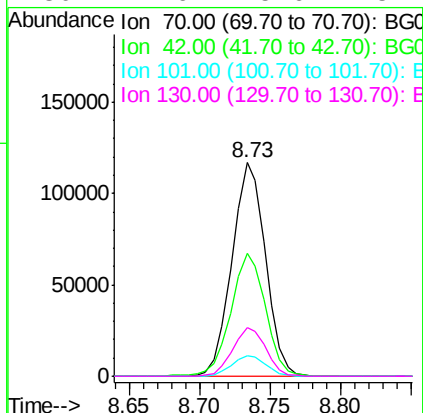
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	104.3	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.325 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	47.0	70.4	
101	9.4	7.2	10.8	
130	22.6	15.6	23.4	



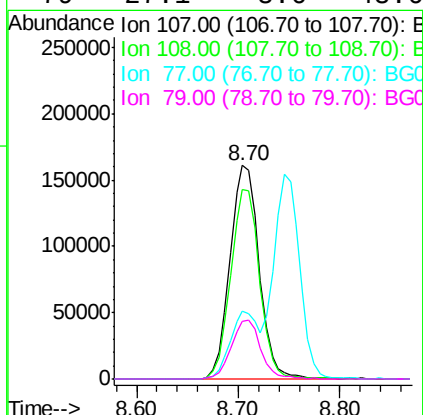
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

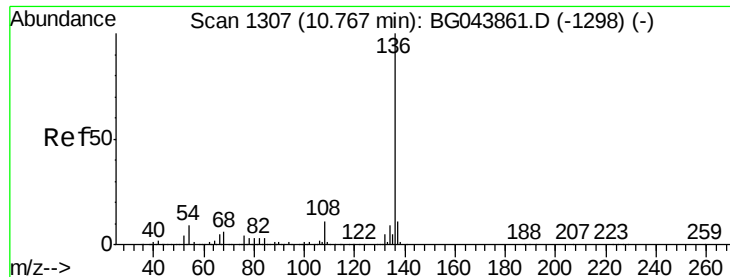
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#20
3+4-Methylphenols
Concen: 49.144 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	70.3	110.3	
77	31.9	12.4	52.4	
79	27.1	8.6	48.6	





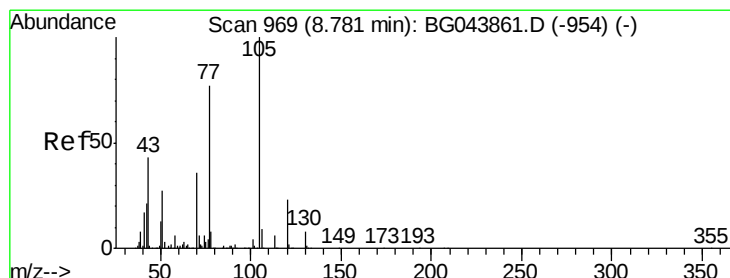
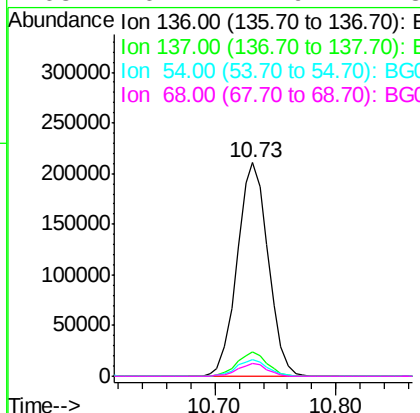
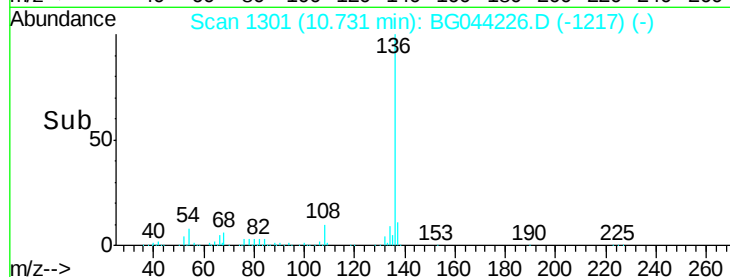
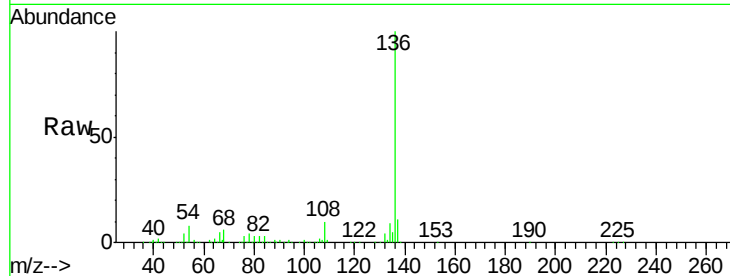
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		376121		
137	11.3	8.8	13.2		
54	7.9	7.0	10.4		
68	6.1	4.9	7.3		

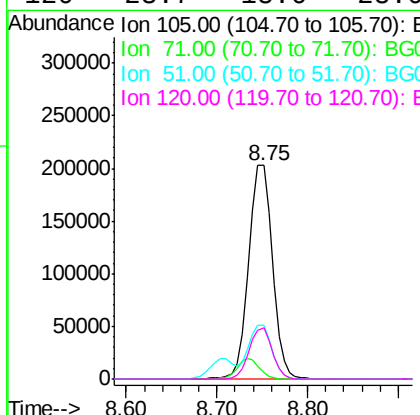
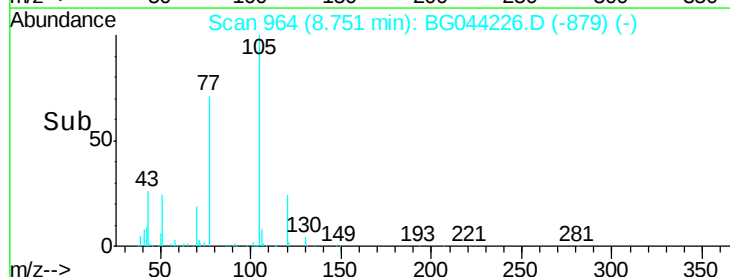
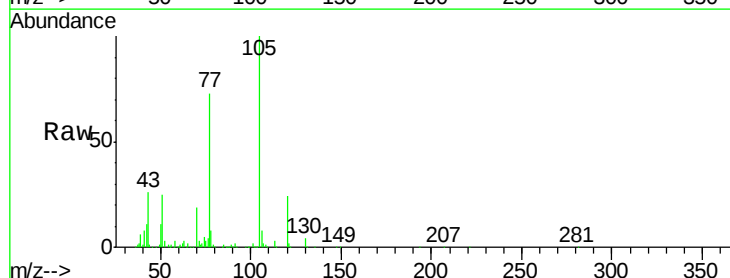
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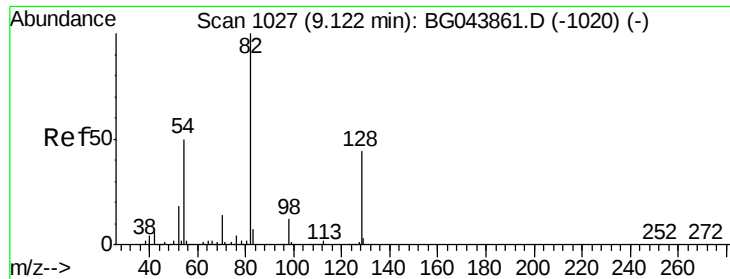
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#22
Acetophenone
Concen: 39.547 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		369788		
71	3.3	4.8	7.2#		
51	25.0	21.4	32.0		
120	23.7	18.6	28.0		





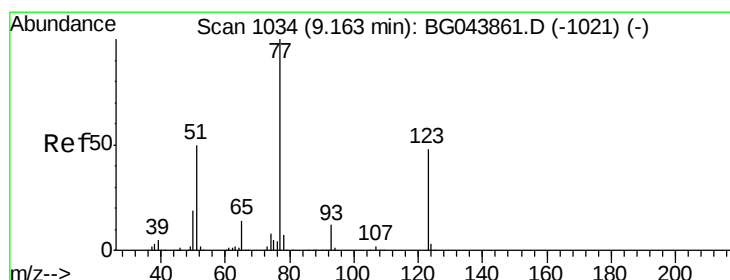
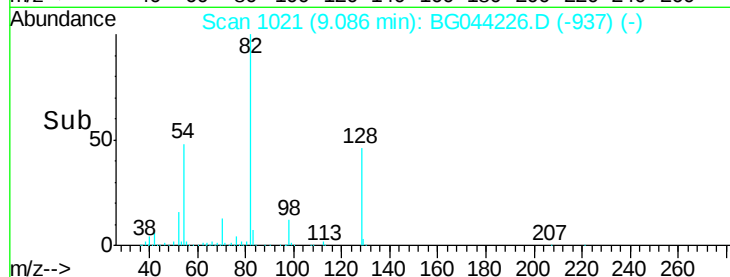
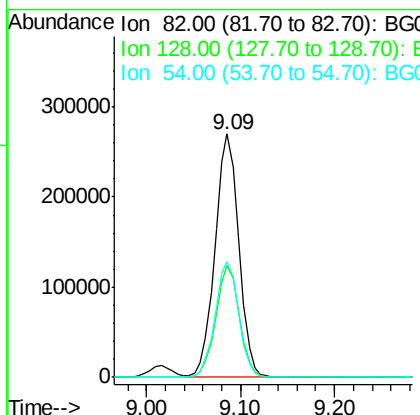
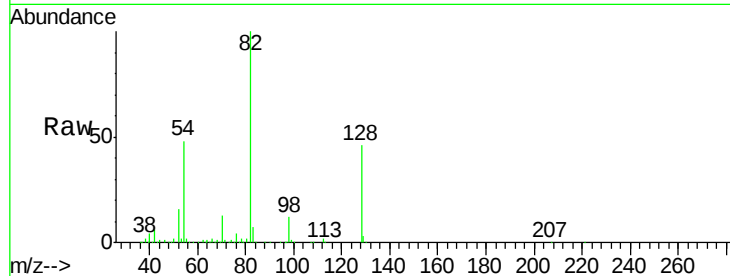
#23
 Nitrobenzene-d5
 Concen: 67.646 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	82	Resp	475609
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.1	52.7
54	47.7	40.1	60.1

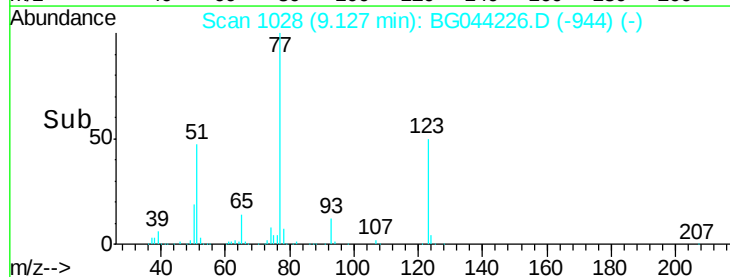
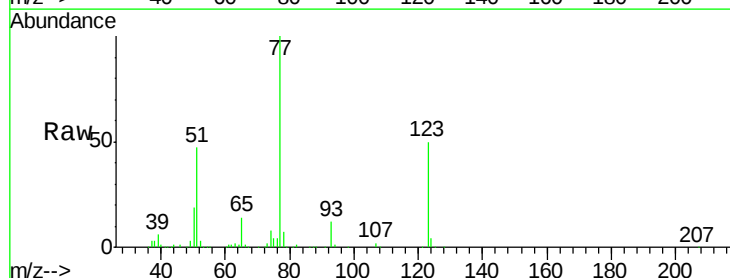
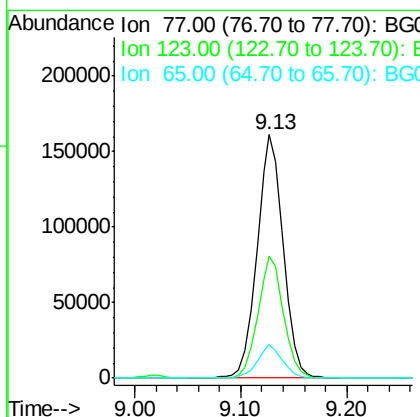
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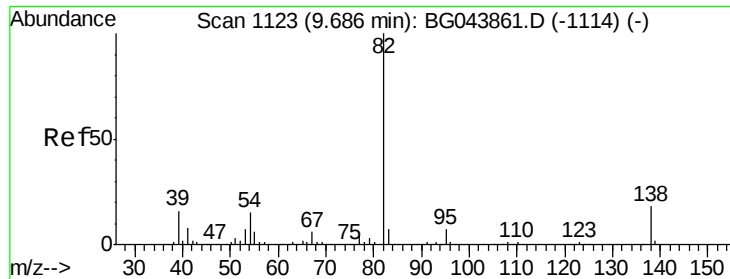
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#24
 Nitrobenzene
 Concen: 39.851 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	77	Resp	277502
Ion Ratio	Lower	Upper	
77	100		
123	50.1	38.7	58.1
65	13.7	11.1	16.7





#25

Isophorone

Concen: 40.773 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

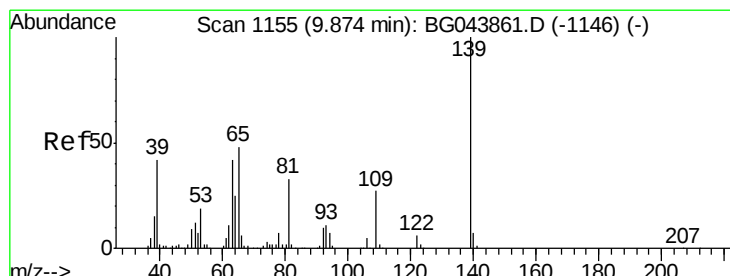
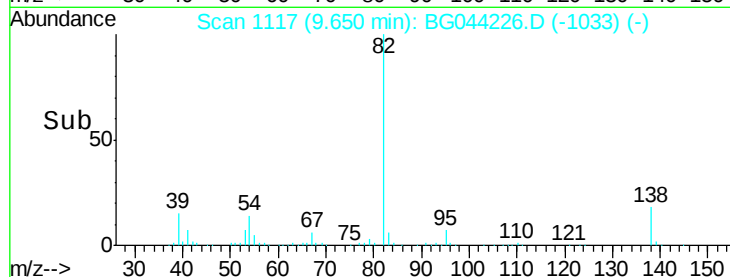
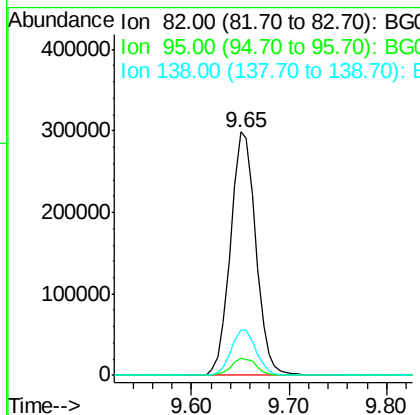
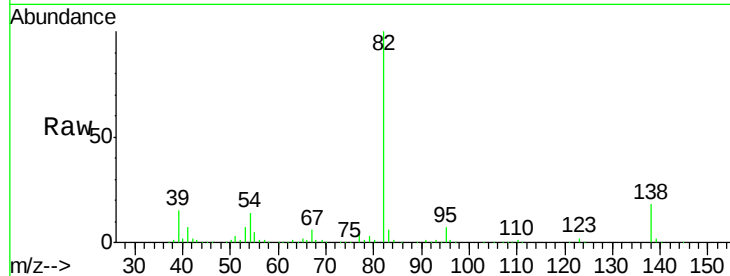
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	82	Resp:	537816
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	18.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.954 ng

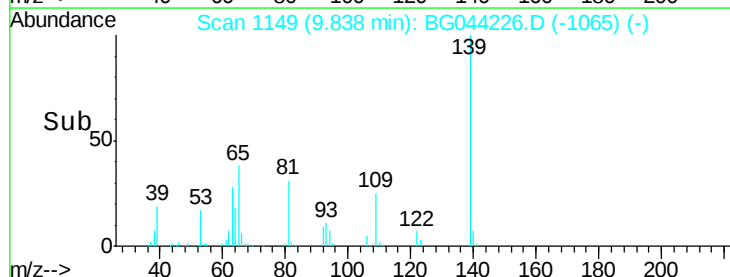
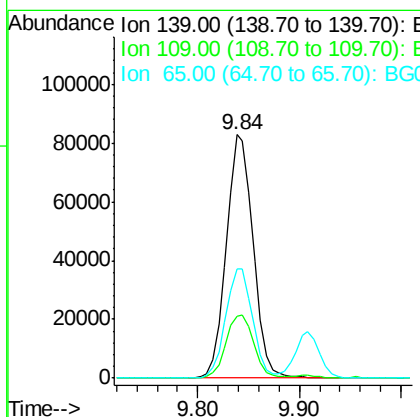
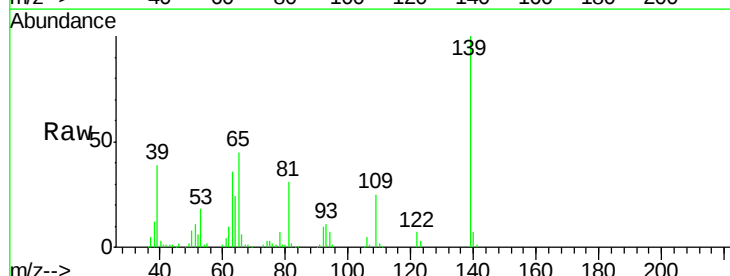
RT: 9.84 min Scan# 1149

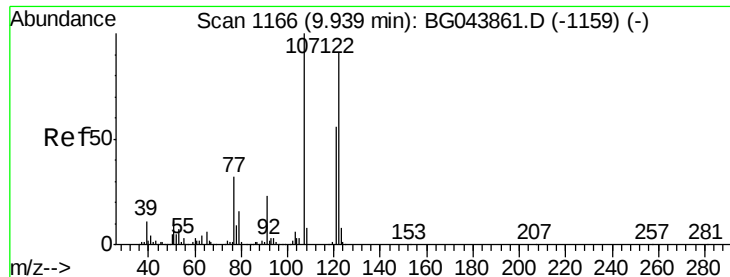
Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:	139	Resp:	151397
Ion Ratio	Lower	Upper	
139	100		
109	25.4	21.3	31.9
65	44.8	38.6	57.8





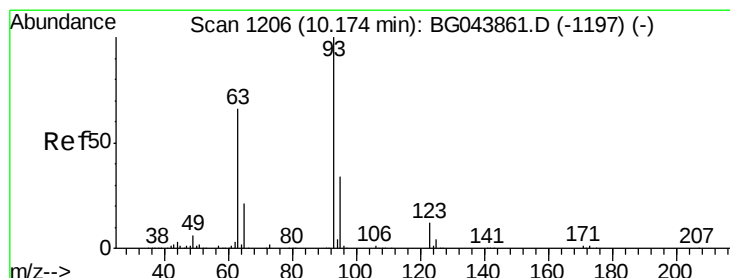
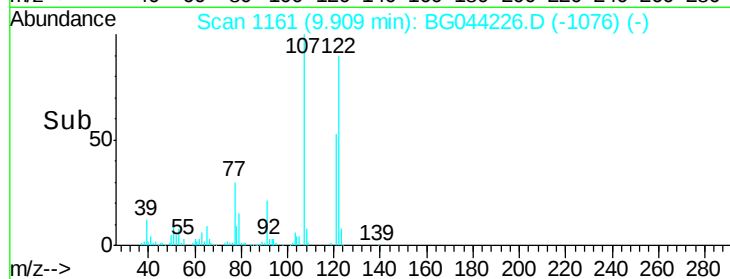
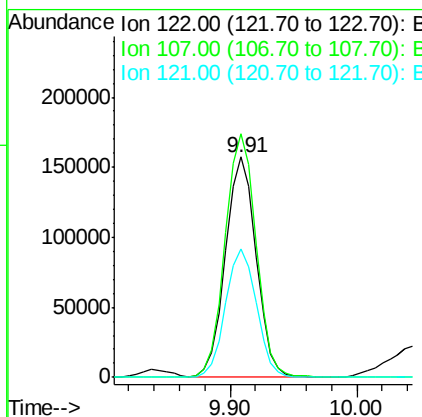
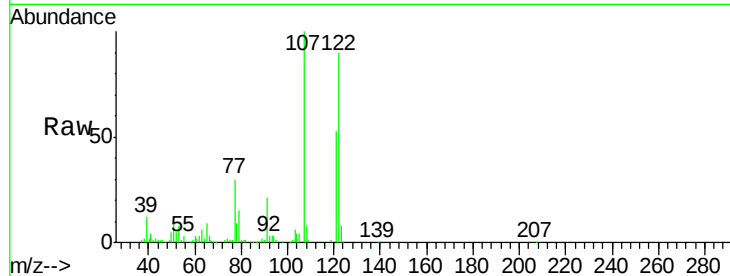
#27
2,4-Dimethylphenol
Concen: 52.833 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262014		
107	110.5	88.0	132.0	
121	58.3	49.0	73.4	

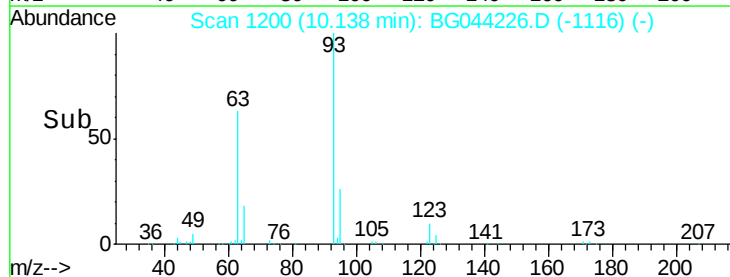
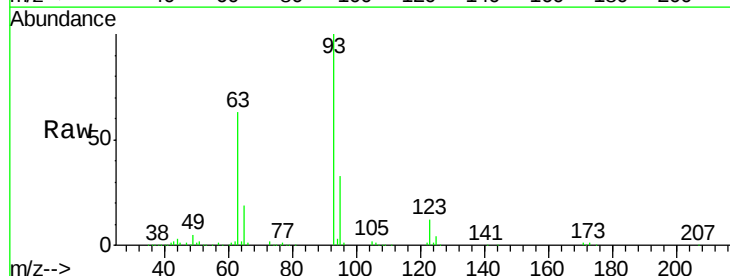
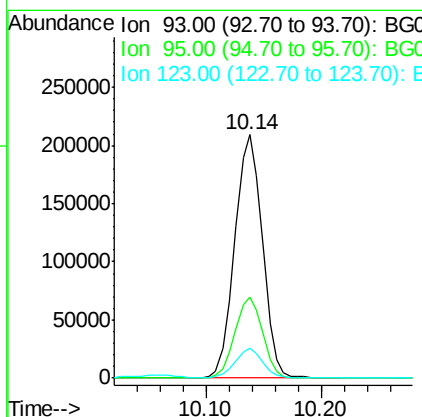
Manual Integrations
APPROVED

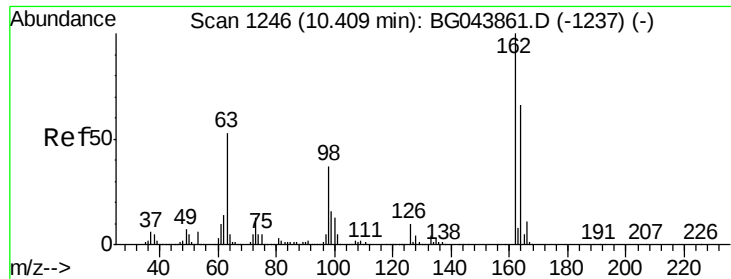
mohammad
1/28/2020 1:12:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.480 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347183		
95	33.1	27.2	40.8	
123	12.0	9.7	14.5	





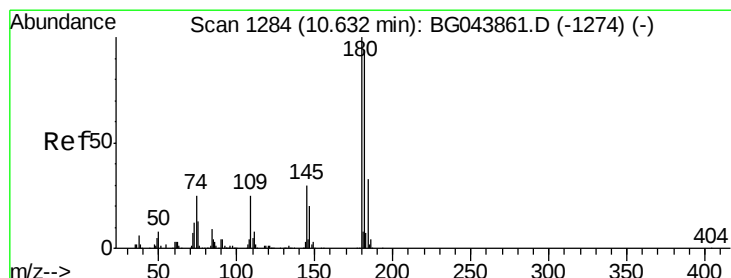
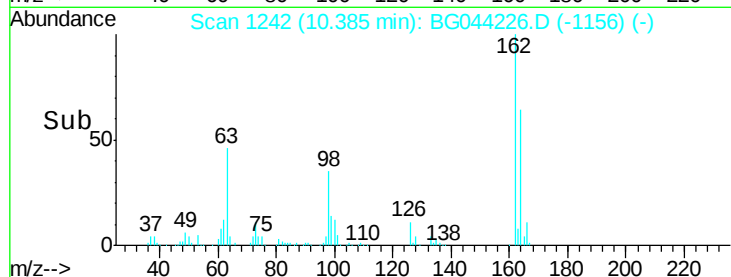
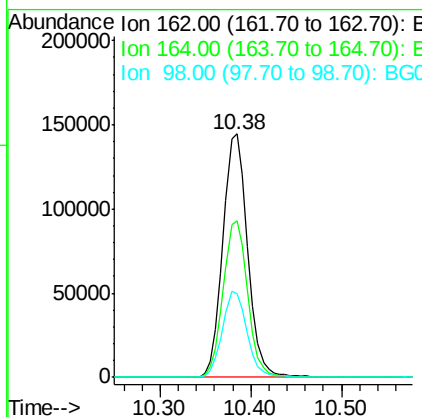
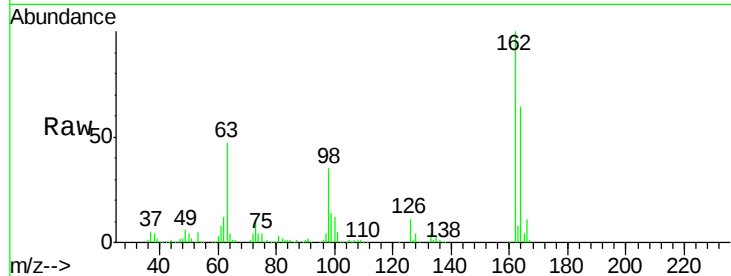
#29
 2,4-Dichlorophenol
 Concen: 46.502 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	46.3	86.3
98	34.6	17.3	57.3

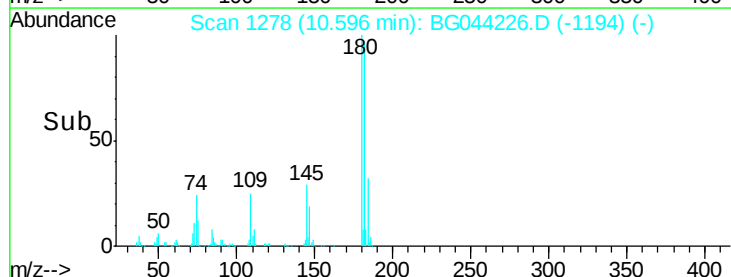
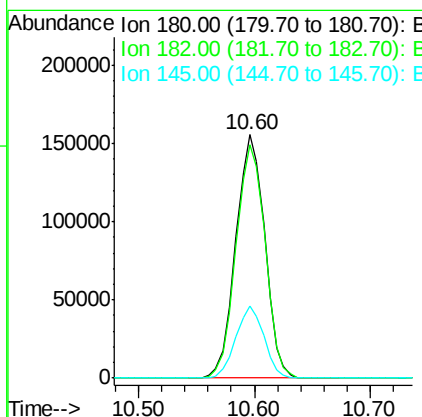
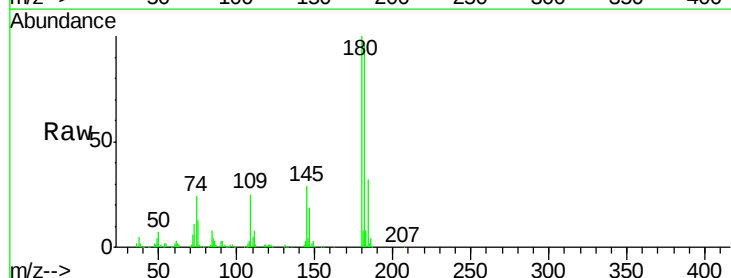
Manual Integrations
 APPROVED

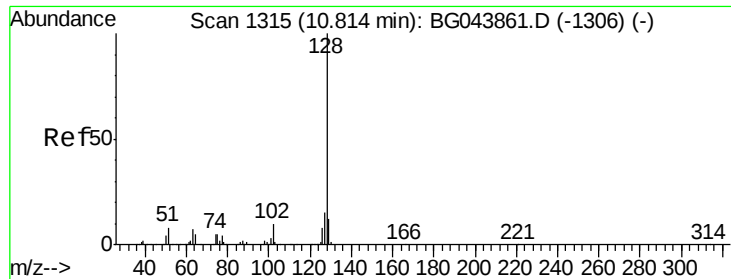
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.714 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	75.0	112.4
145	29.4	24.2	36.4





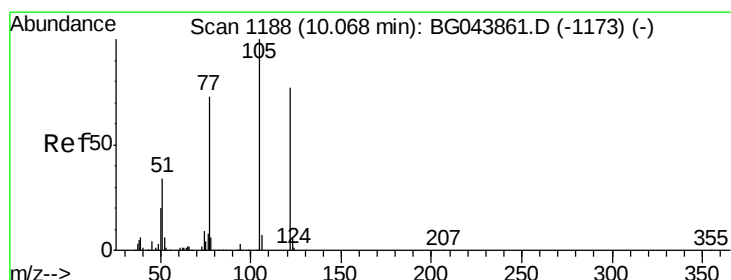
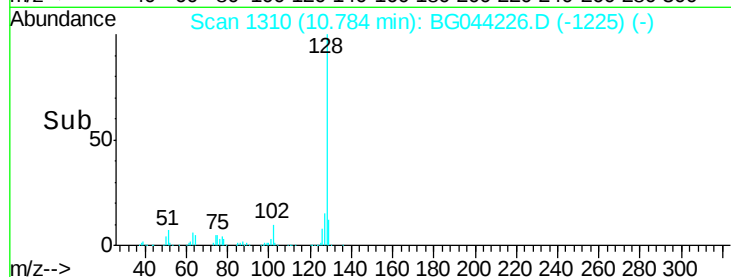
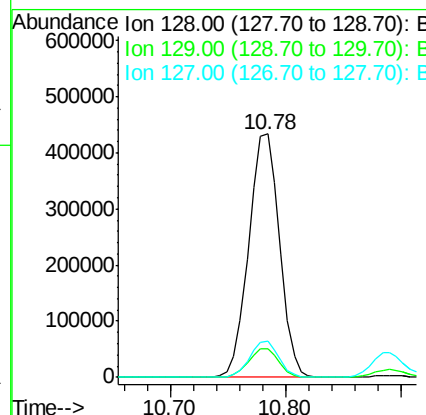
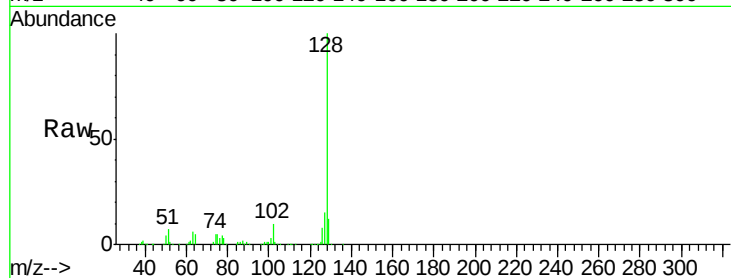
#31
Naphthalene
Concen: 44.327 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	14.7	12.0	18.0

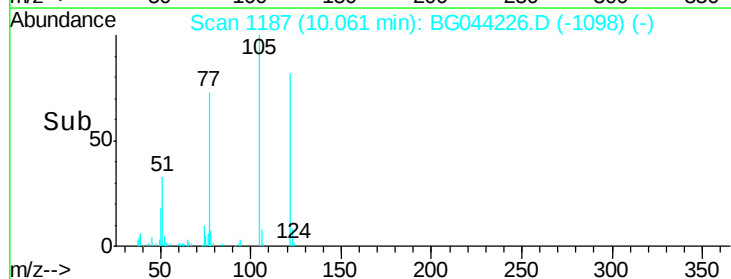
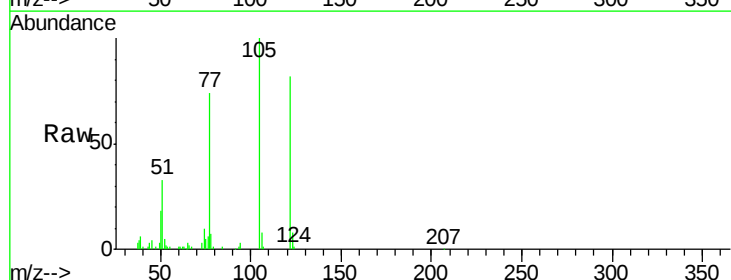
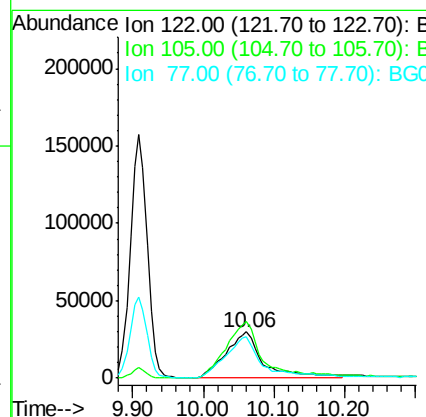
Manual Integrations
APPROVED

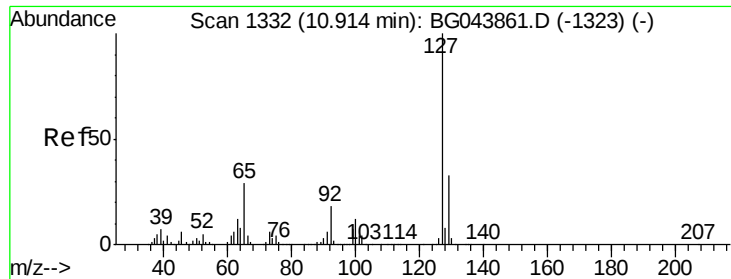
mohammad
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#32
Benzoic acid
Concen: 29.110 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.4	146.4
77	90.4	74.6	114.6





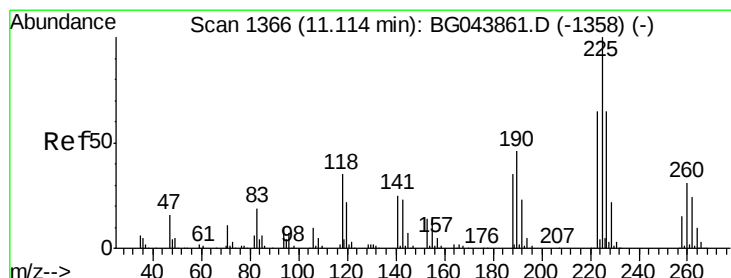
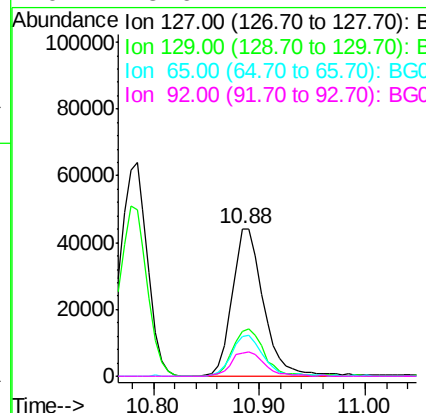
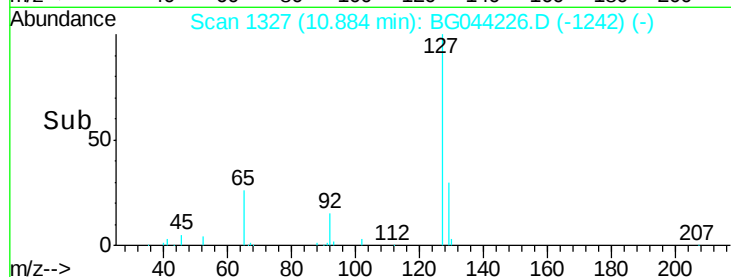
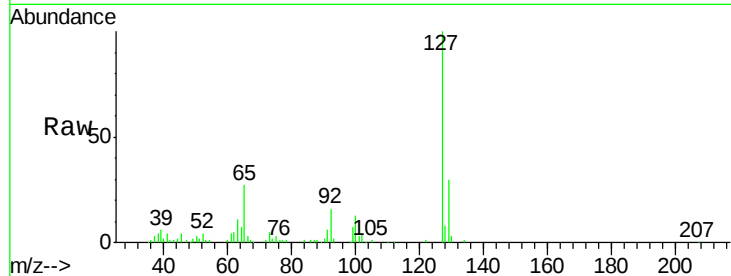
#33
4-Chloroaniline
Concen: 10.430 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.6	40.0
65	26.7	23.3	34.9
92	15.6	14.7	22.1

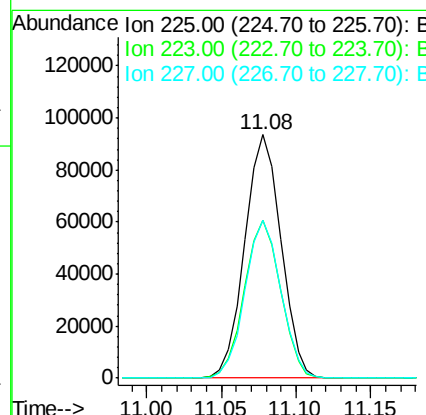
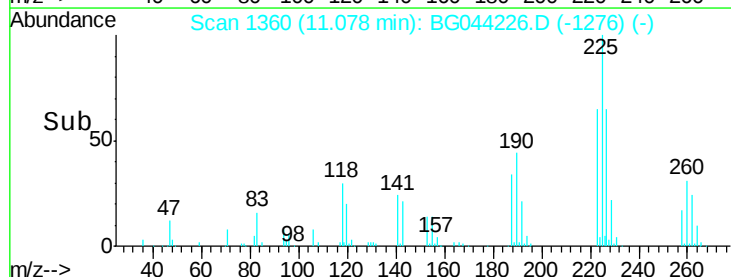
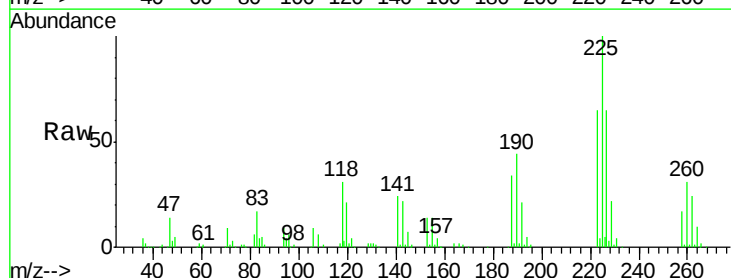
Manual Integrations
APPROVED

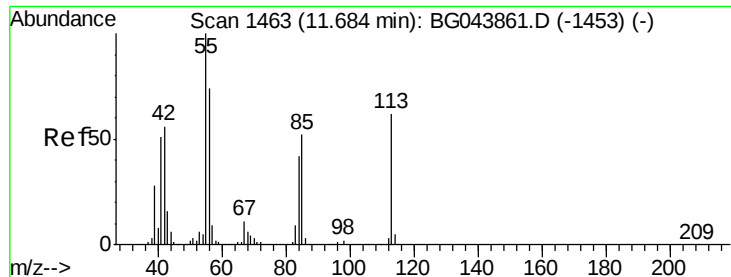
mohammad
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#34
Hexachlorobutadiene
Concen: 38.974 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	64.7	52.1	78.1





#35

Caprolactam

Concen: 45.565 ng/mL

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion: 113 Resp: 100343

Ion Ratio Lower Upper

113 100

55 146.7 142.5 182.5

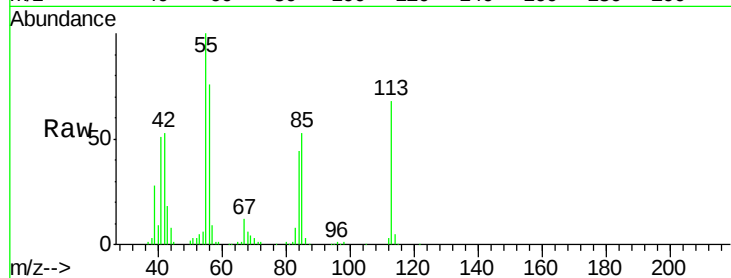
56 111.6 101.4 141.4

Manual Integrations

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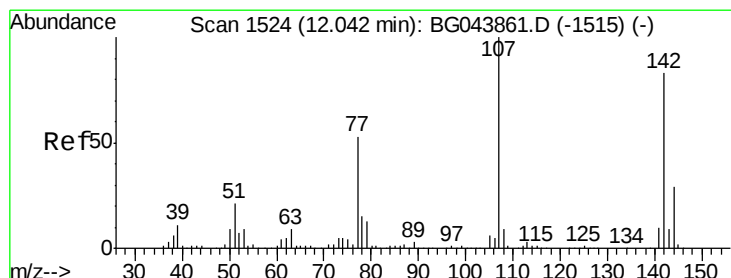
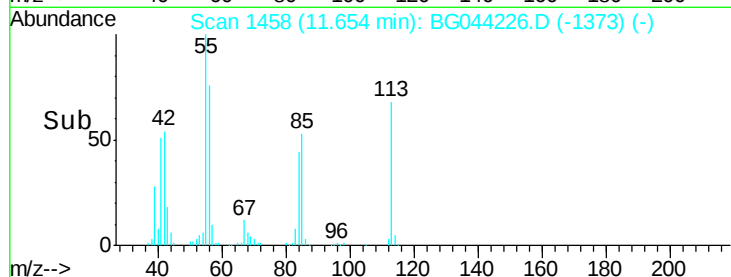
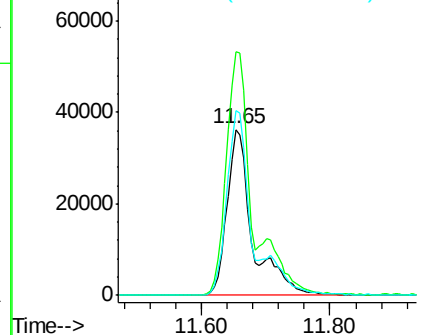
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.396 ng/mL

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

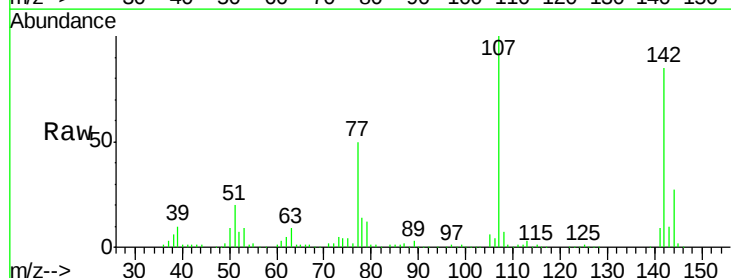
Tgt Ion: 107 Resp: 292175

Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

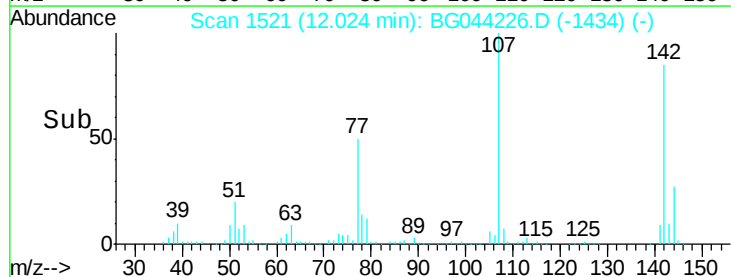
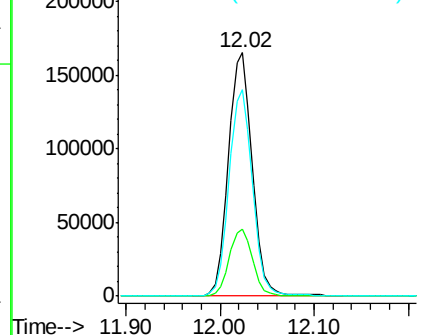
142 85.0 66.3 99.5

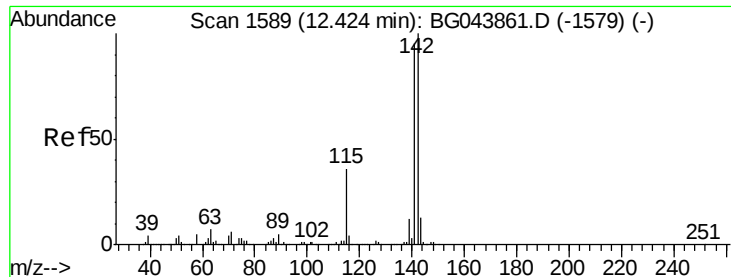


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





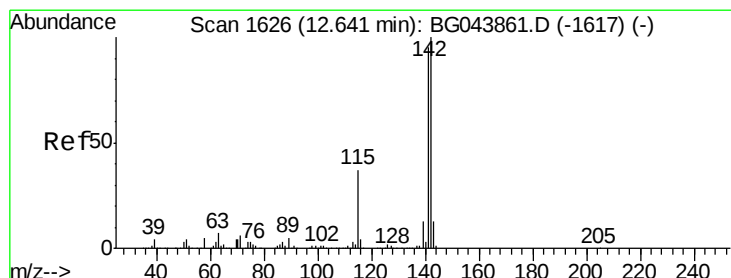
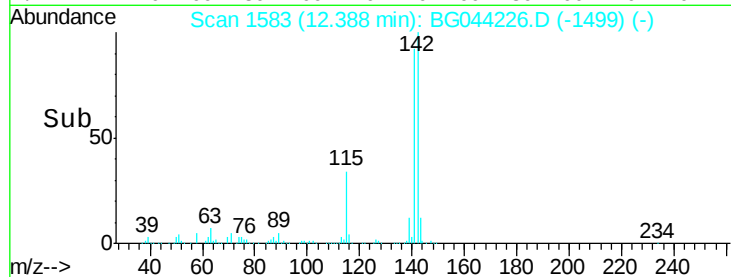
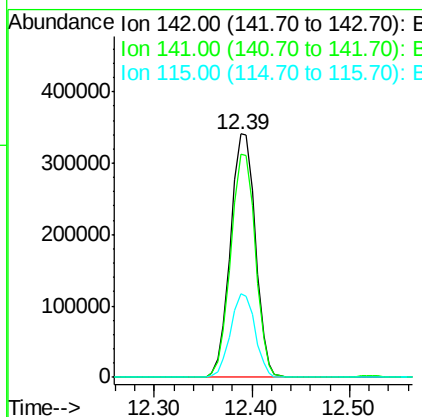
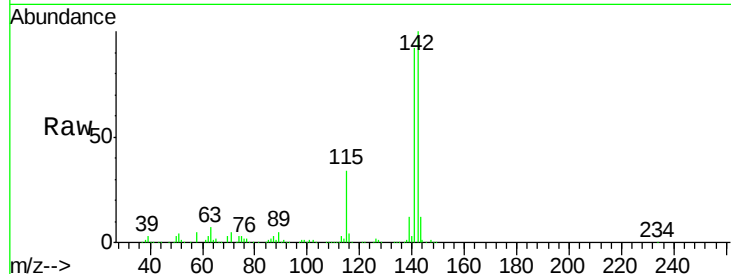
#37
 2-Methylnaphthalene
 Concen: 44.257 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.8	113.8
115	34.5	28.6	42.8

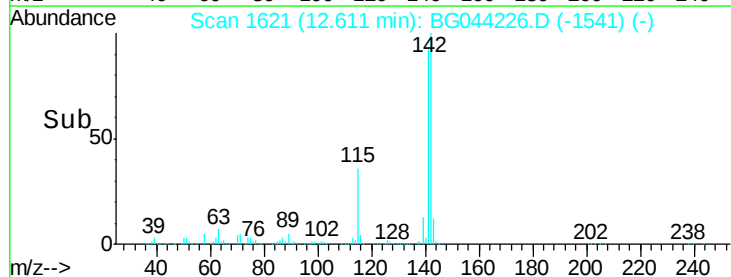
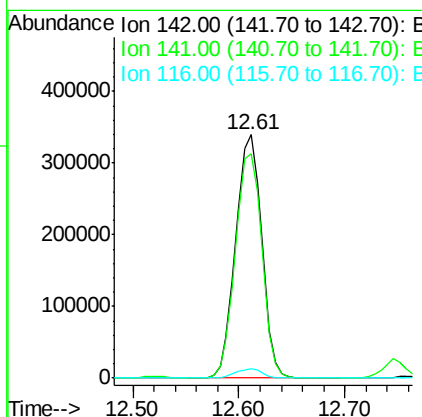
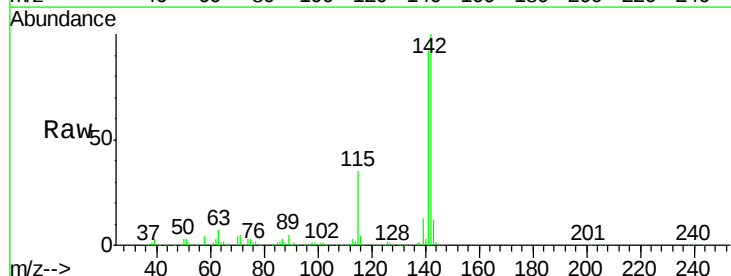
Manual Integrations
 APPROVED

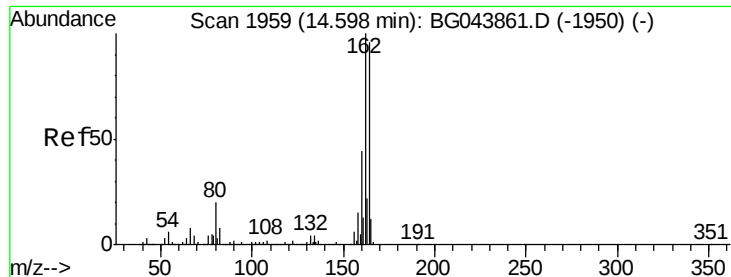
mohammad
 1/28/2020 1:12:47 PM



#38
 1-Methylnaphthalene
 Concen: 44.468 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.0	114.0
116	4.0	3.1	4.7





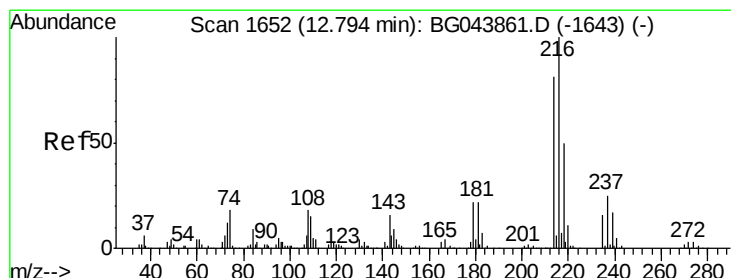
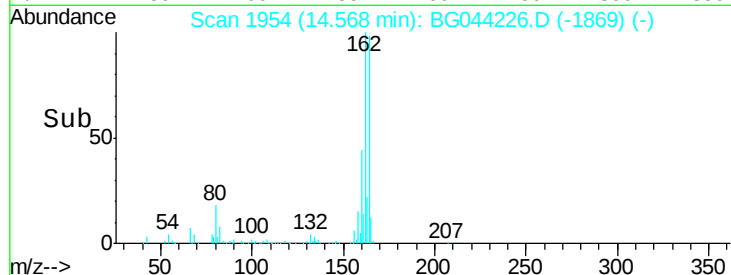
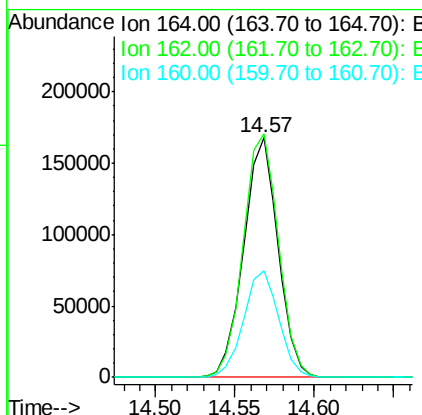
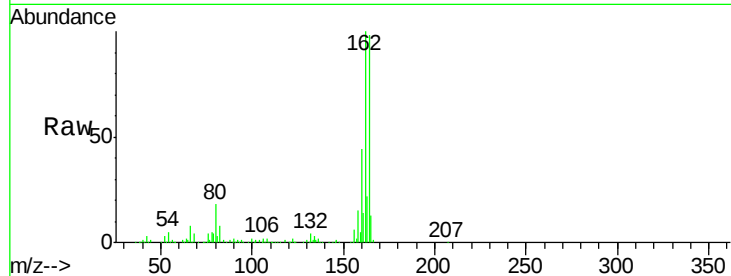
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	251694		
162	101.6	83.0	124.4	
160	44.5	36.1	54.1	

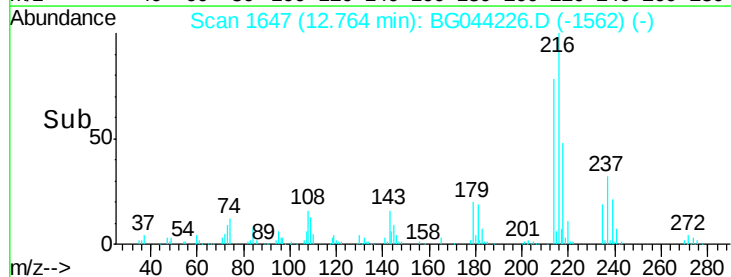
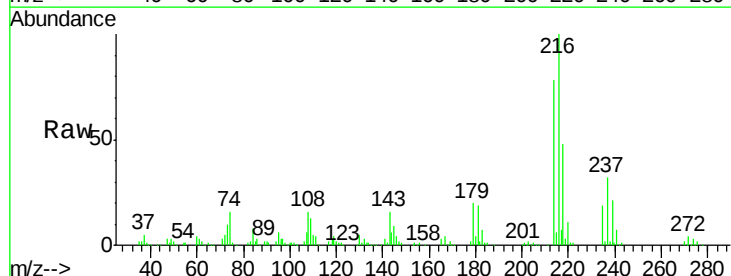
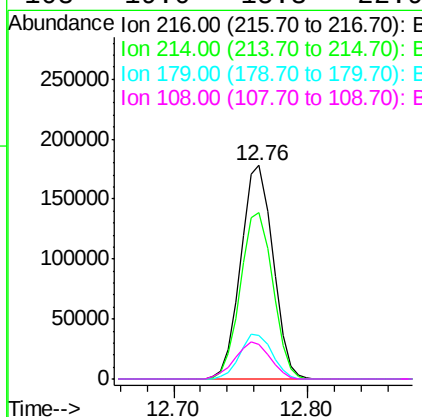
Manual Integrations
APPROVED

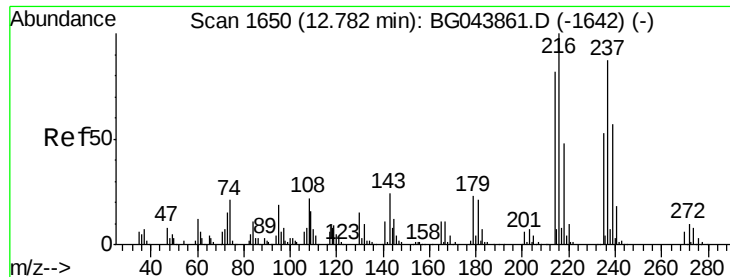
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.250 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	296934		
214	78.8	63.8	95.8	
179	21.1	17.3	25.9	
108	19.0	15.3	22.9	





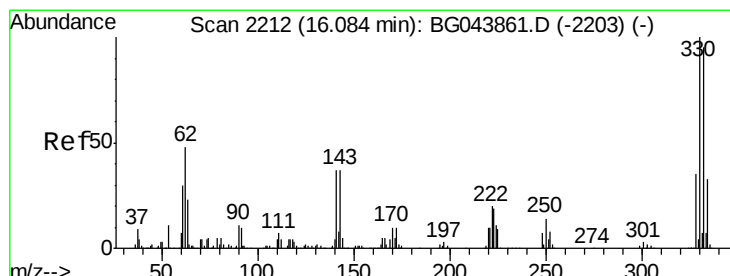
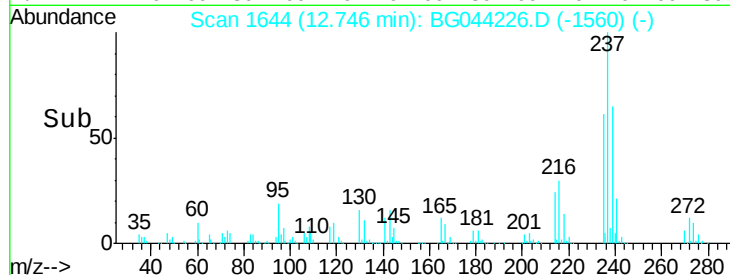
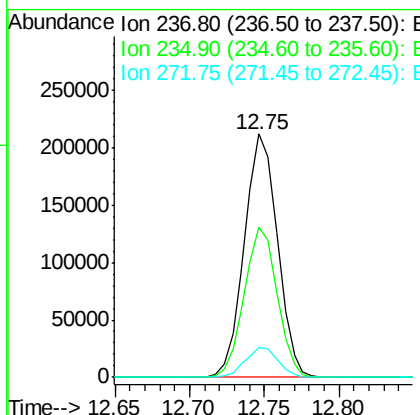
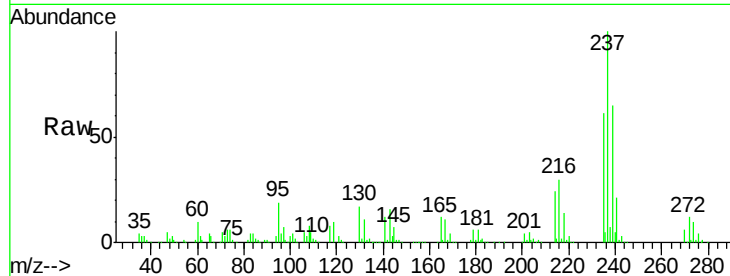
#41
Hexachlorocyclopentadiene
Concen: 84.862 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	324563		
235	61.4	41.1	81.1	
272	12.3	0.0	31.7	

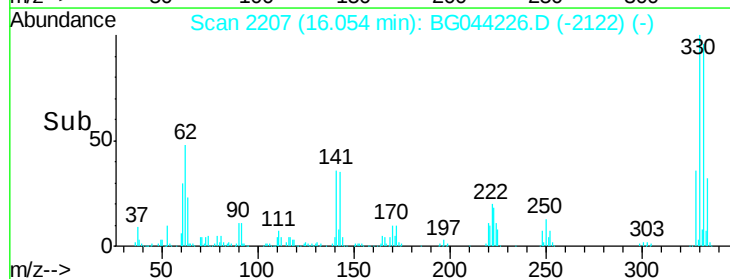
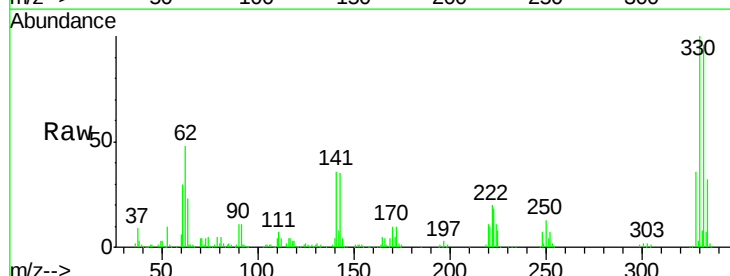
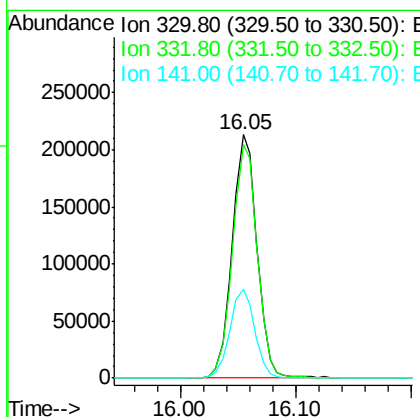
Manual Integrations
APPROVED

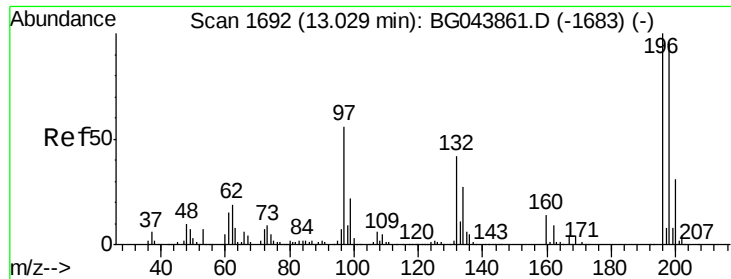
mohammad
1/28/2020 1:12:47 PM



#42
2,4,6-Tribromophenol
Concen: 120.214 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	316635		
332	96.8	77.2	115.8	
141	37.0	33.1	49.7	





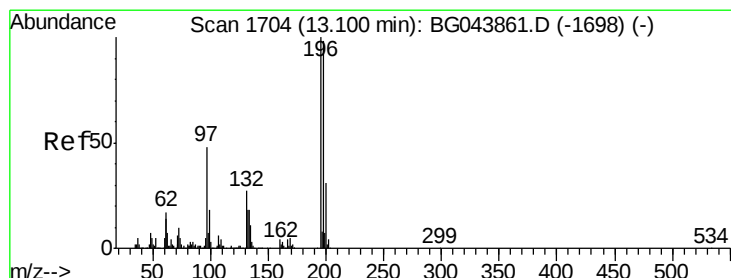
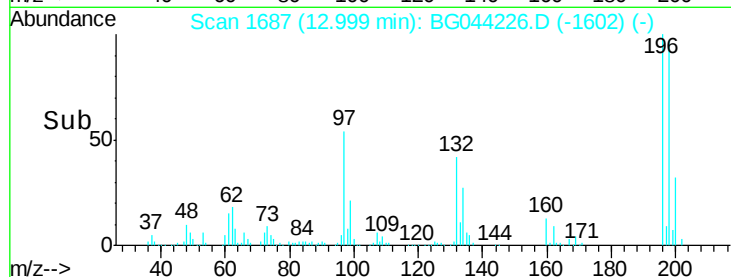
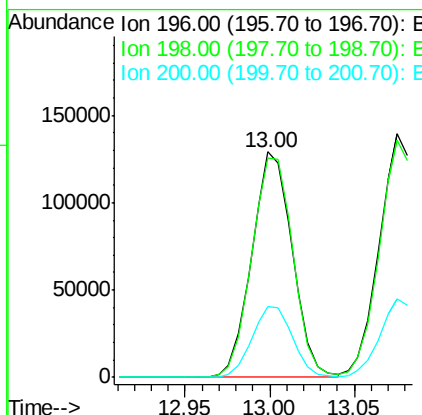
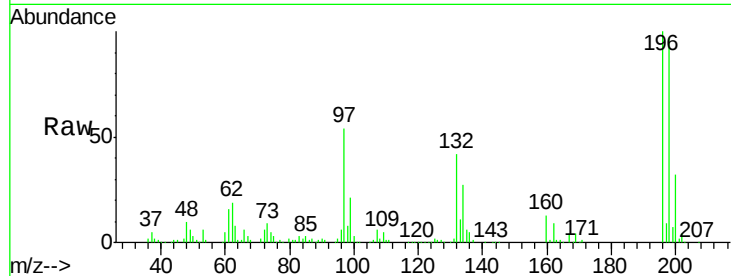
#43
 2,4,6-Trichlorophenol
 Concen: 42.304 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.6	115.0
200	31.7	24.6	37.0

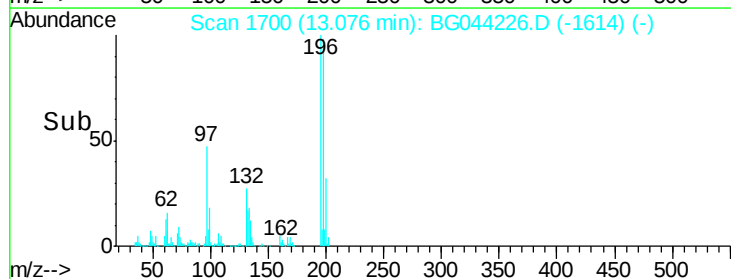
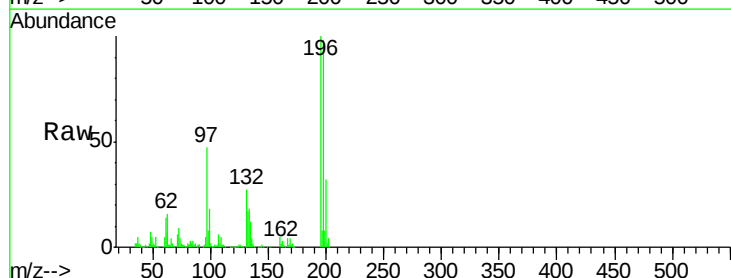
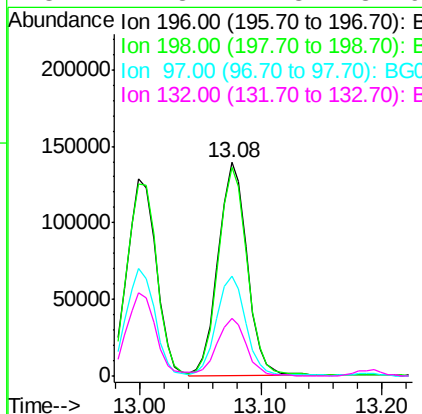
Manual Integrations
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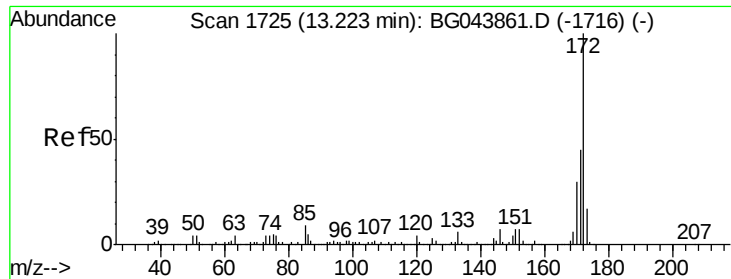
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.274 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.3	117.5
97	47.0	38.8	58.2
132	27.3	21.3	31.9





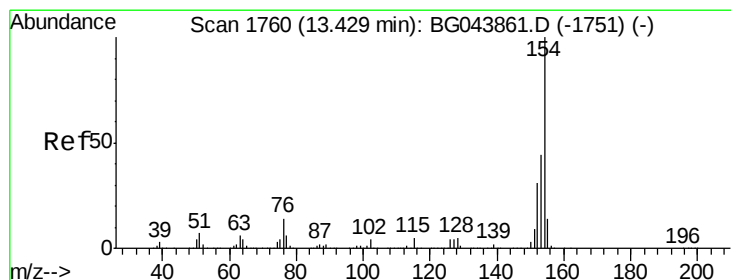
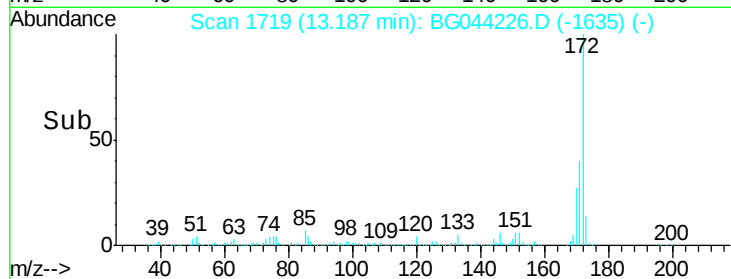
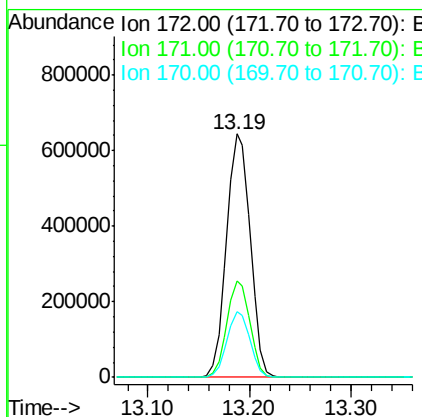
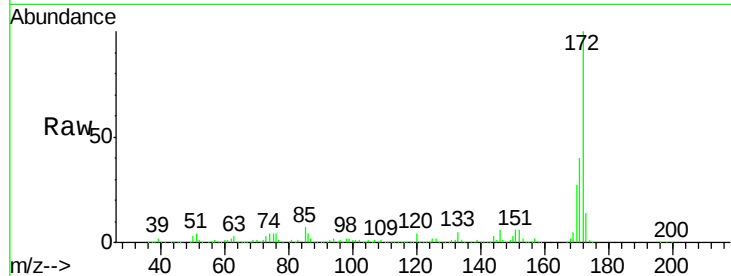
#45
2-Fluorobiphenyl
Concen: 75.141 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.8	53.8
170	26.9	24.2	36.4

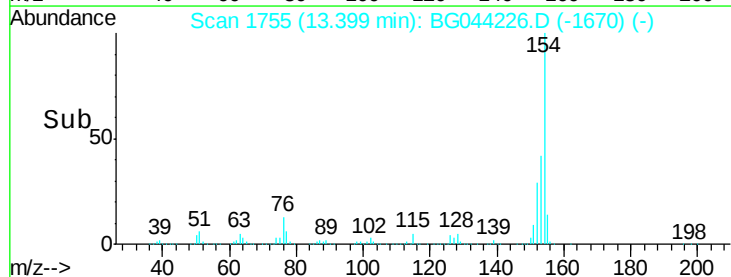
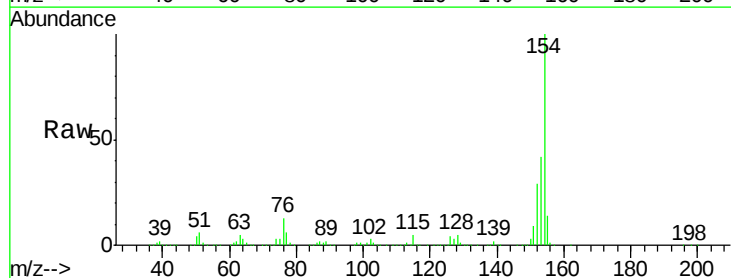
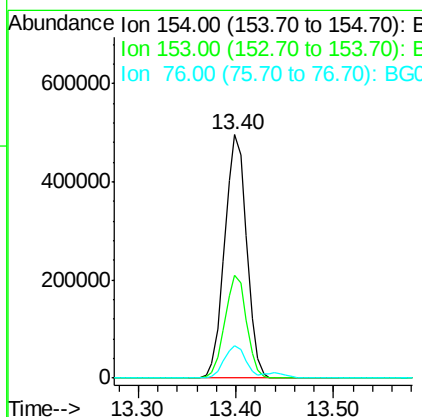
Manual Integrations
APPROVED

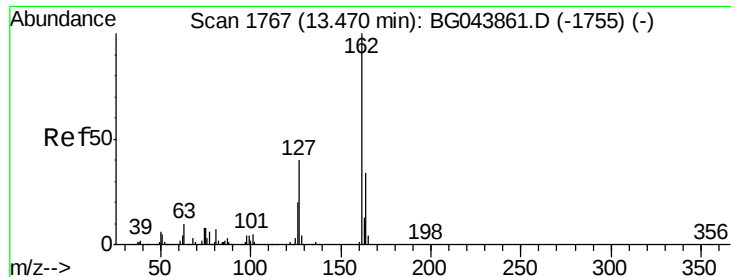
mohammad
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#46
1,1'-Biphenyl
Concen: 42.876 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	13.4	0.0	34.4





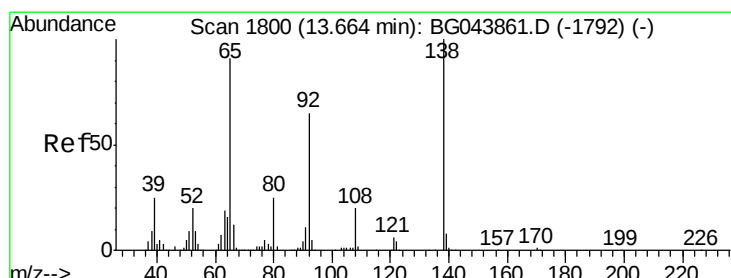
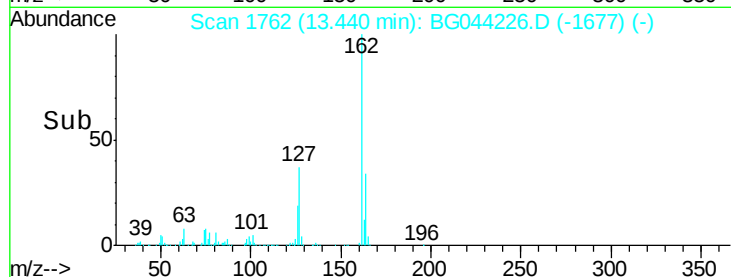
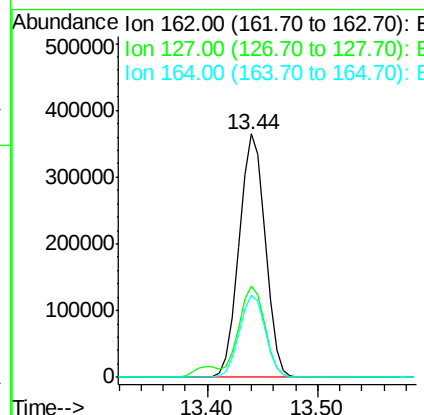
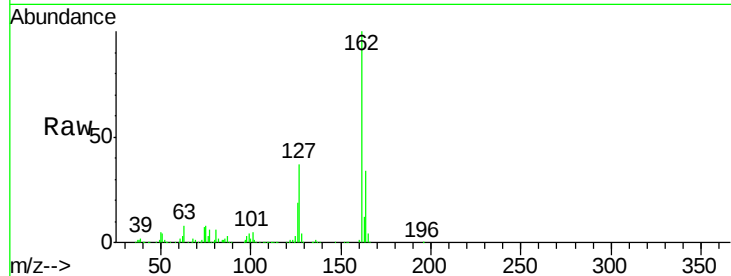
#47
2-Chloronaphthalene
Concen: 41.710 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	608235		
127	37.3		32.1	48.1
164	33.9		27.5	41.3

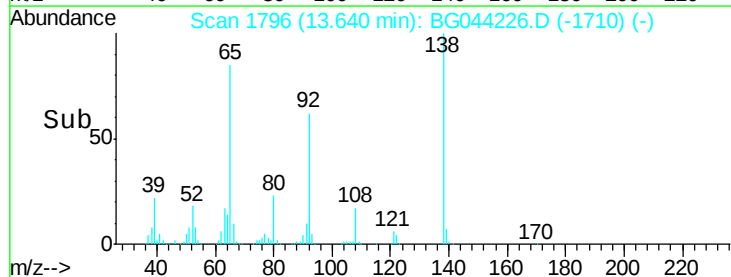
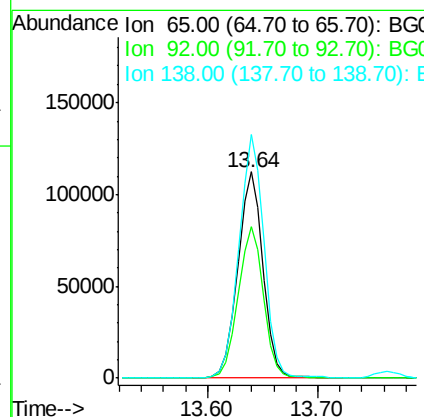
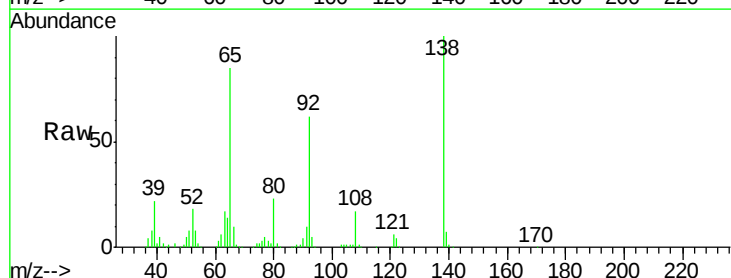
Manual Integrations
APPROVED

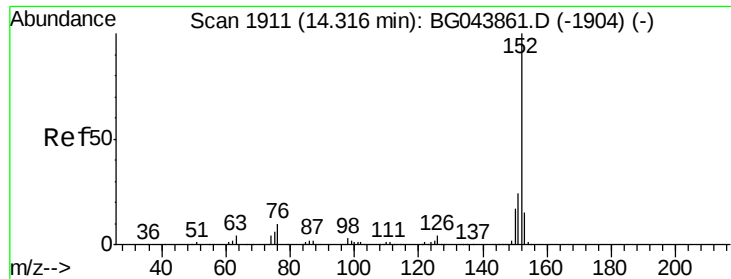
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#48
2-Nitroaniline
Concen: 38.439 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	180306		
92	73.2		57.4	86.2
138	117.9		88.2	132.4





#49

Acenaphthylene

Concen: 45.752 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

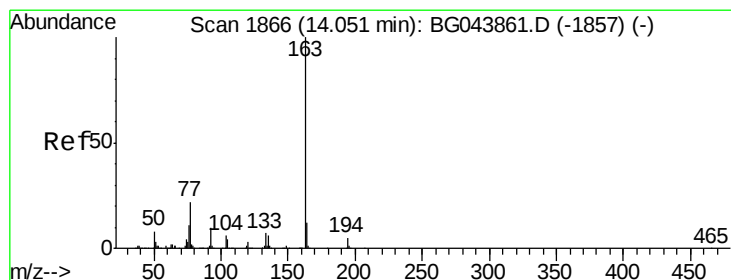
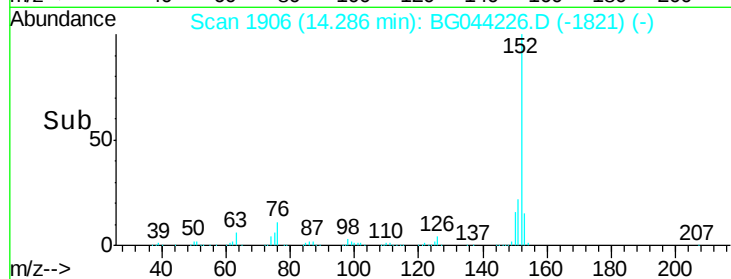
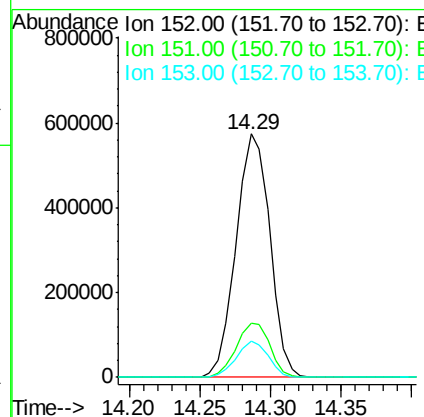
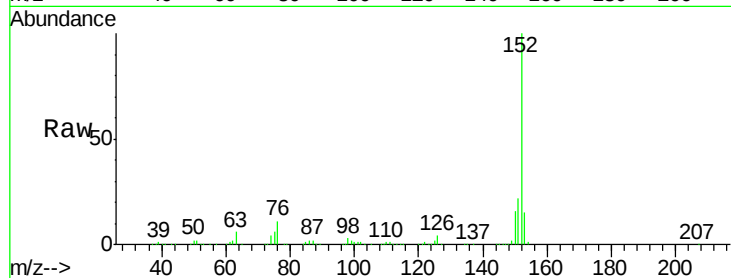
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	152	Resp:	958924
Ion Ratio	Lower	Upper	
152	100		
151	22.4	19.4	29.2
153	14.8	12.0	18.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.162 ng

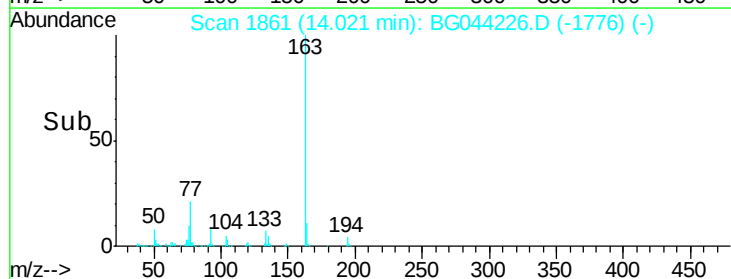
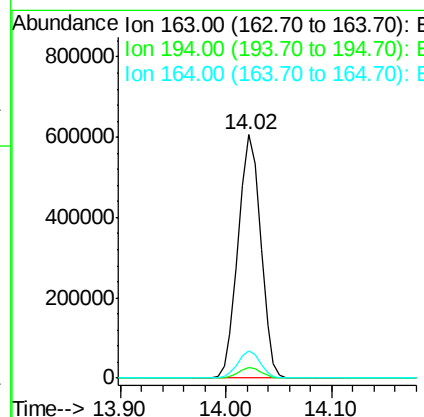
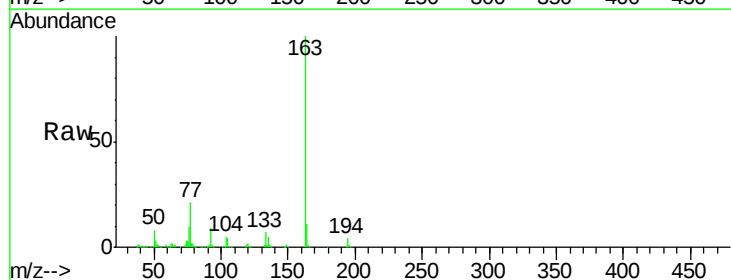
RT: 14.02 min Scan# 1861

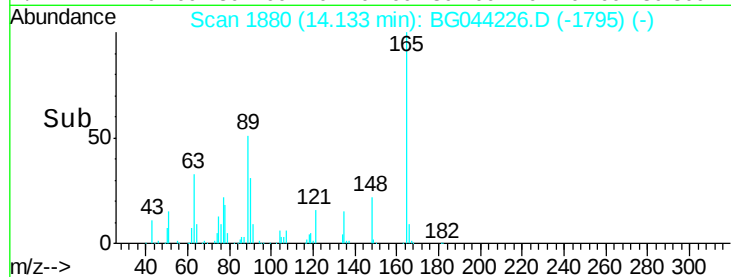
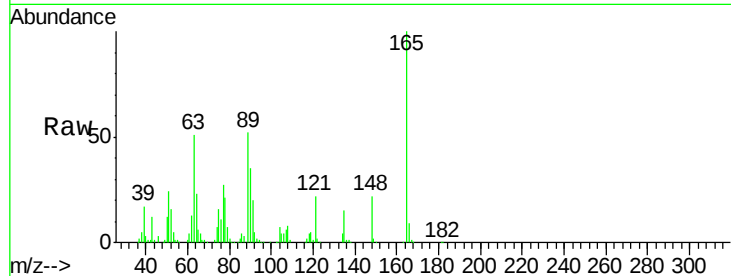
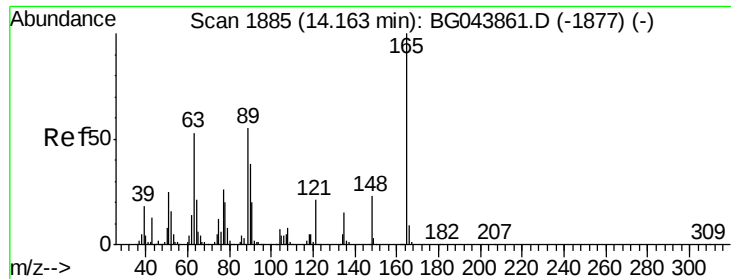
Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:	163	Resp:	896456
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	11.2	9.3	13.9





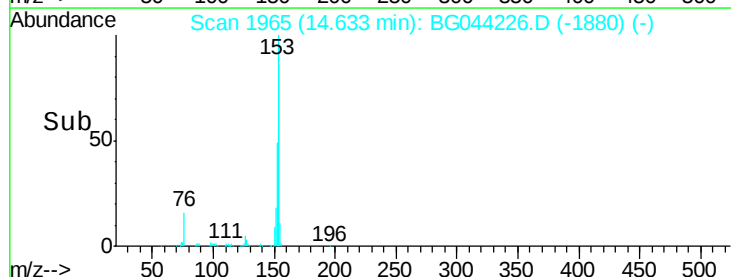
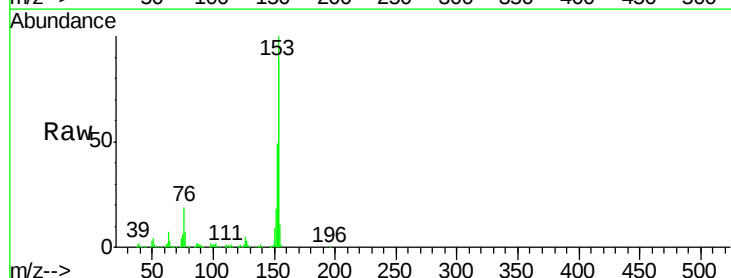
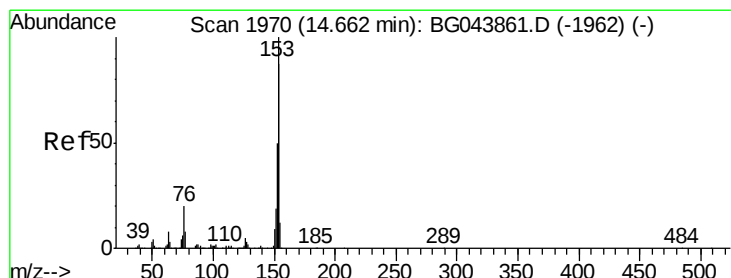
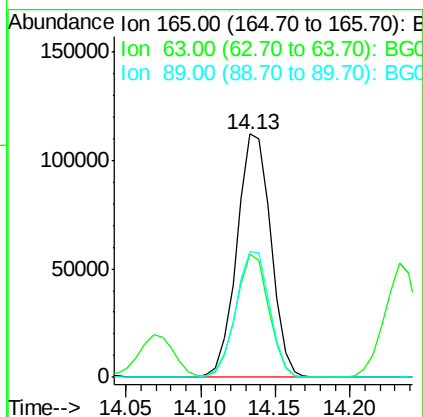
#51
2,6-Dinitrotoluene
Concen: 43.761 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	43.1	64.7
89	51.6	43.8	65.6

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

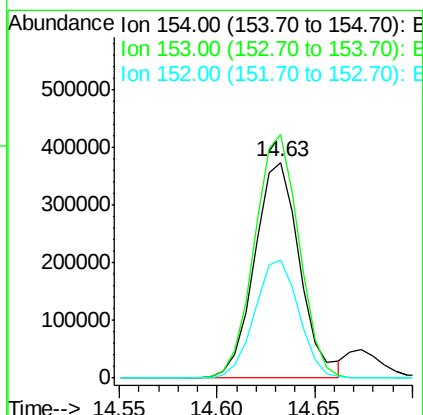
Manual Integrations
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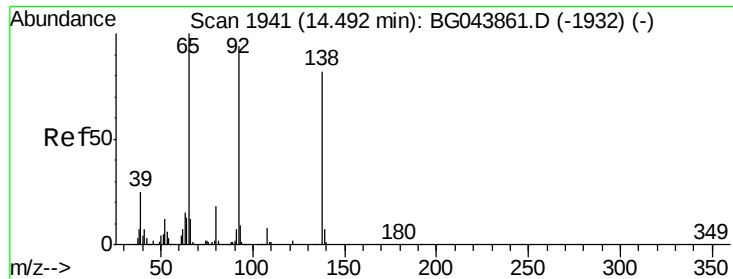
mohammad
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#52
Acenaphthene
Concen: 40.854 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.6	137.4
152	54.8	45.4	68.0





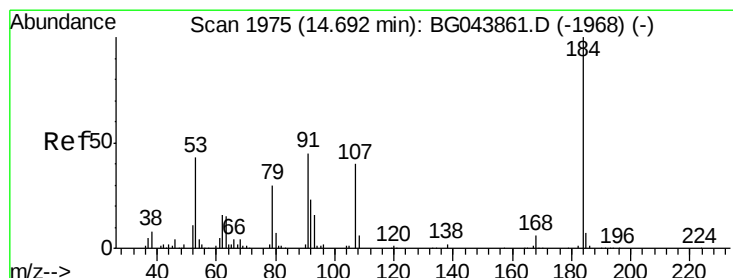
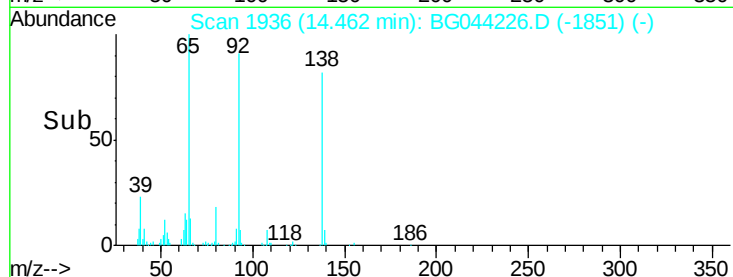
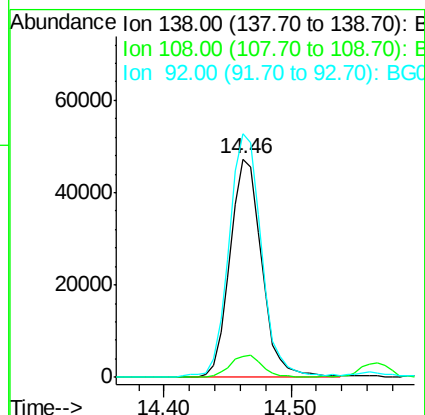
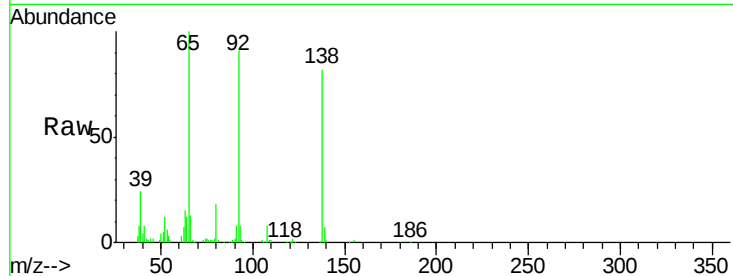
#53
3-Nitroaniline
Concen: 17.851 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	111.5	92.1	138.1

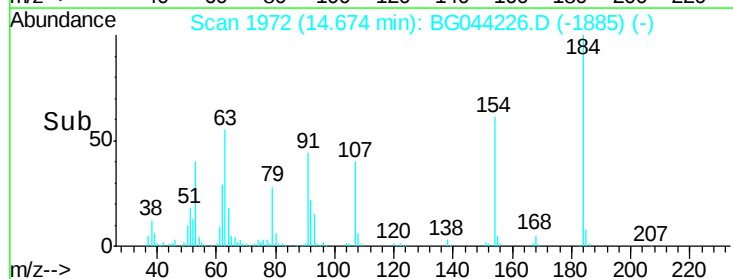
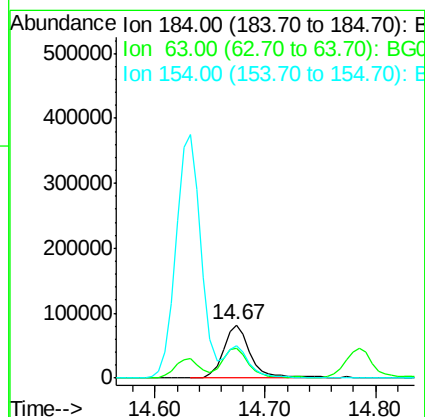
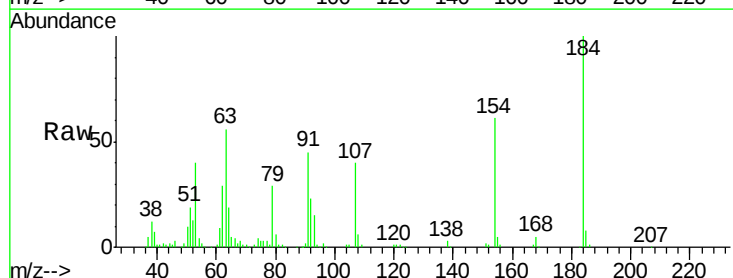
Manual Integrations
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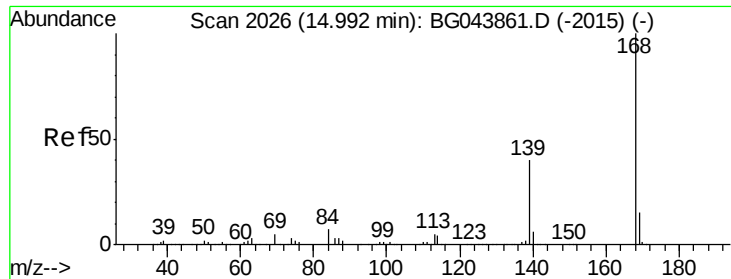
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.851 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	46.6	70.0
154	61.3	50.2	75.4





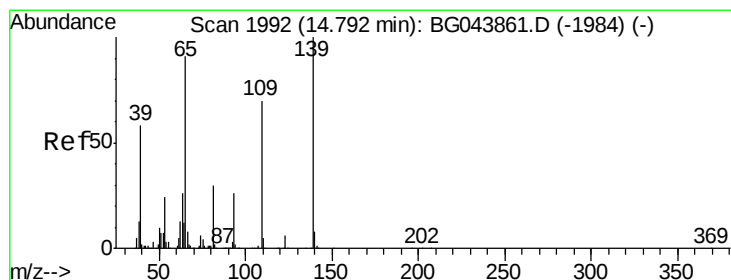
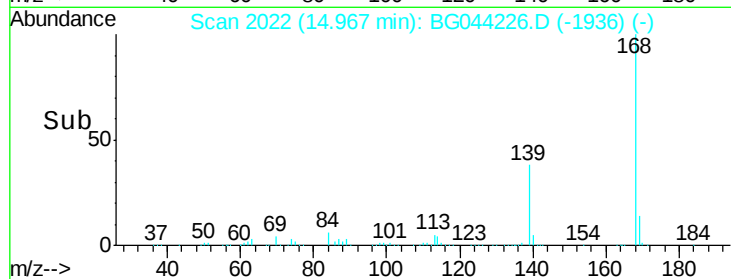
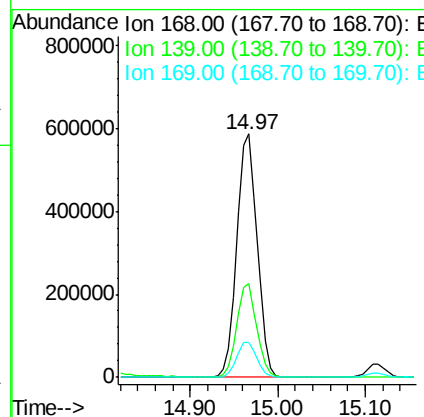
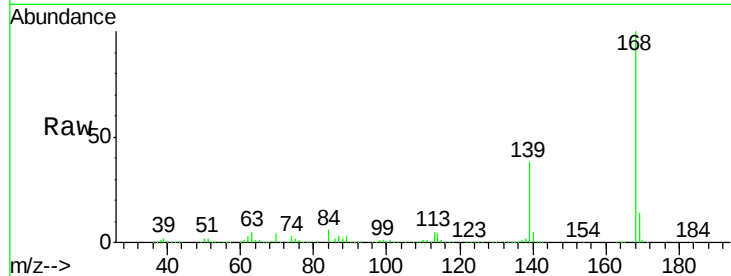
#55
Dibenzenofuran
Concen: 45.668 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.2	48.2
169	14.4	12.2	18.2

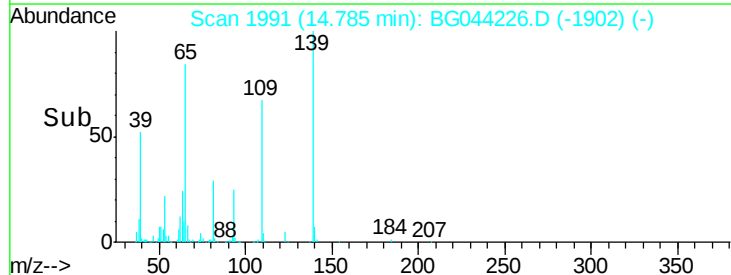
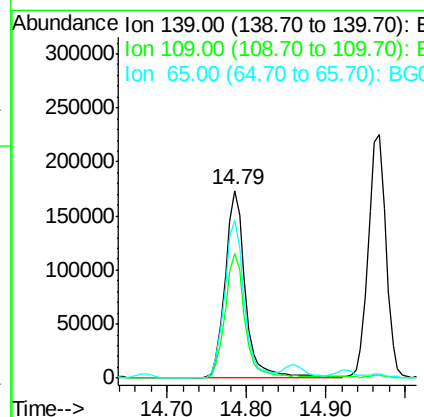
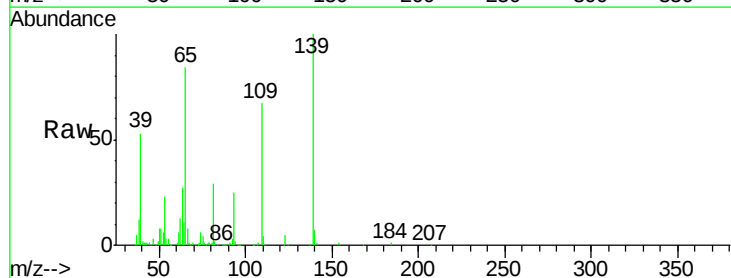
Manual Integrations
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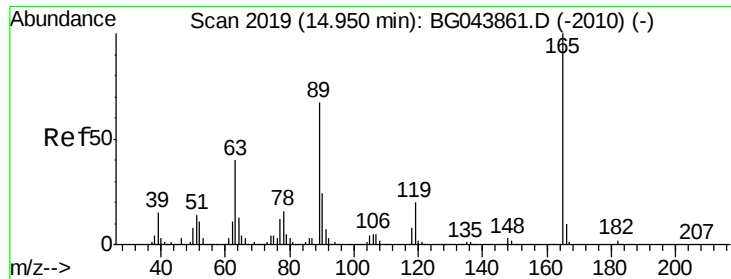
mohammad
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#56
4-Nitrophenol
Concen: 87.660 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	50.4	90.4
65	84.2	71.4	111.4





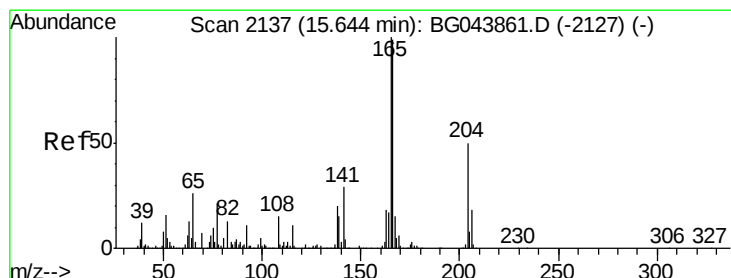
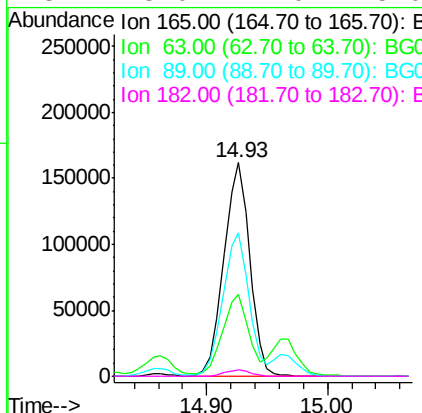
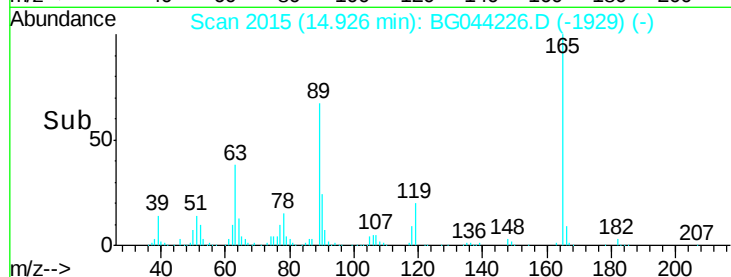
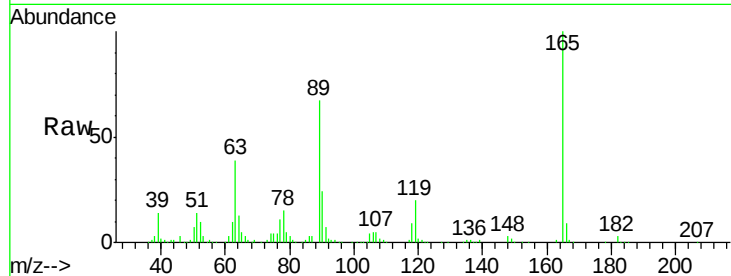
#57
2,4-Dinitrotoluene
Concen: 43.816 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240823		
63	38.5		31.9	47.9
89	67.2		53.8	80.6
182	3.0		2.0	3.0

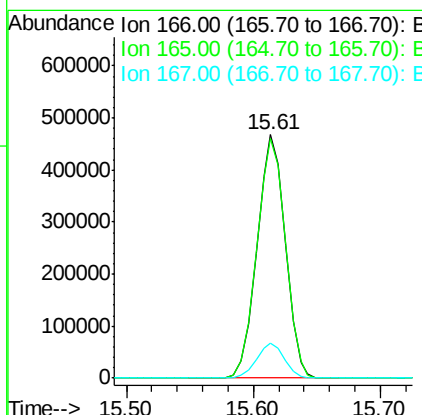
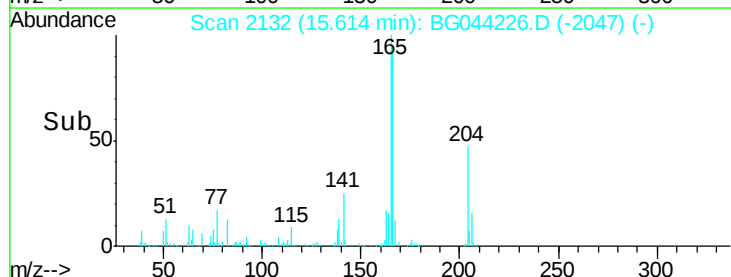
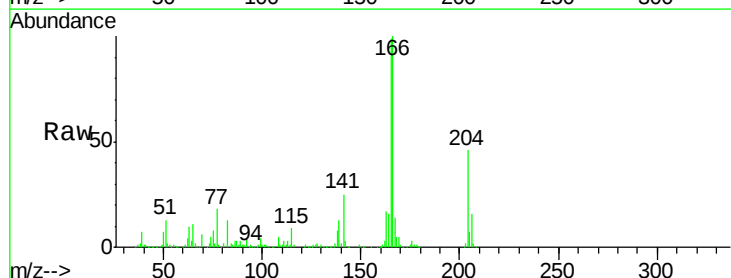
Manual Integrations
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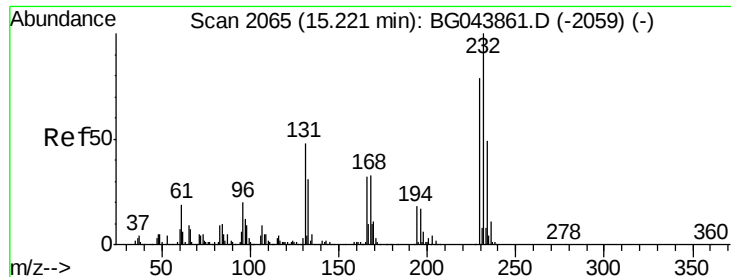
mohammad
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#58
Fluorene
Concen: 45.137 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	723893		
165	98.6		80.8	121.2
167	14.3		12.1	18.1





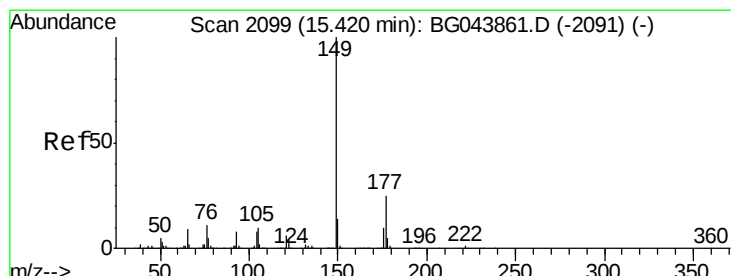
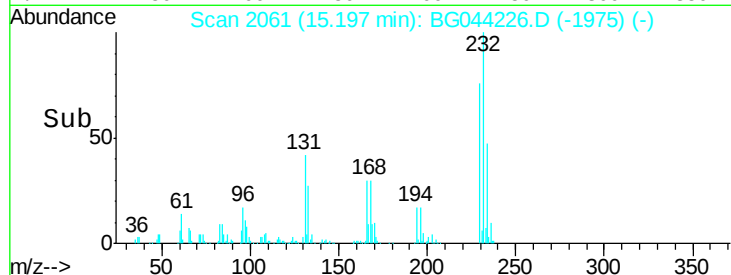
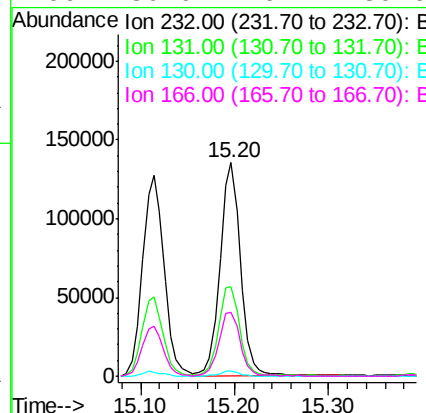
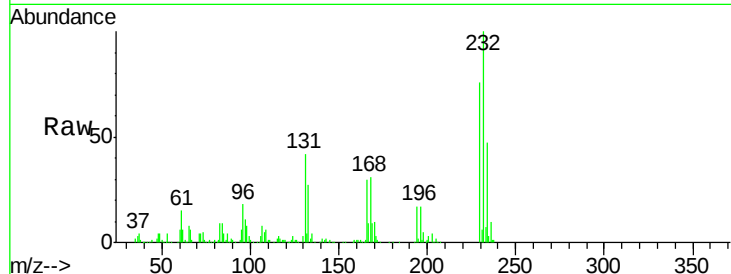
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.918 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	206717		
131	43.3		38.2	57.2
130	2.4		2.2	3.2
166	30.9		26.4	39.6

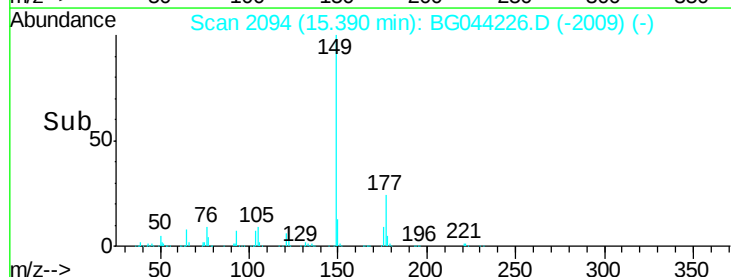
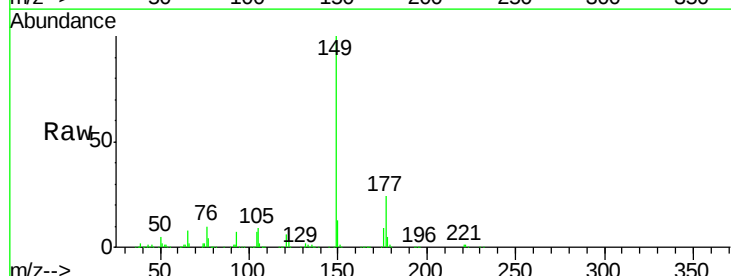
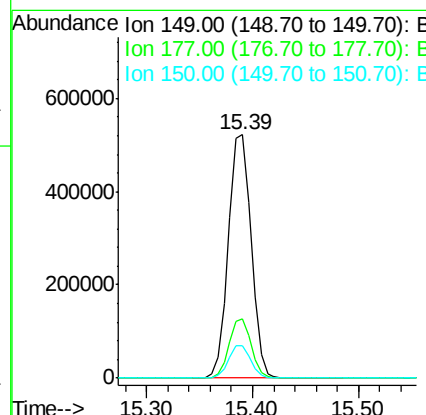
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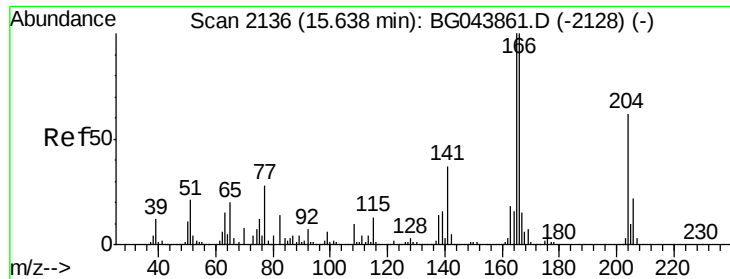
mohammad
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#60
 Diethylphthalate
 Concen: 43.669 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	780570		
177	24.3		20.0	30.0
150	13.3		11.1	16.7





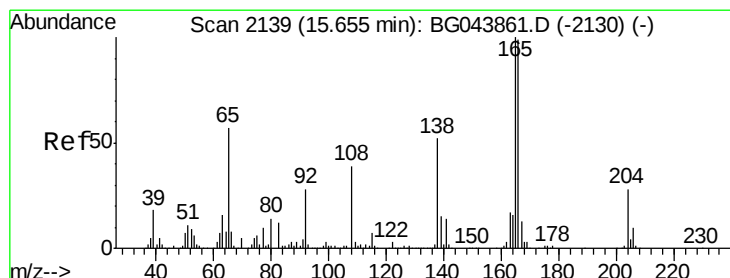
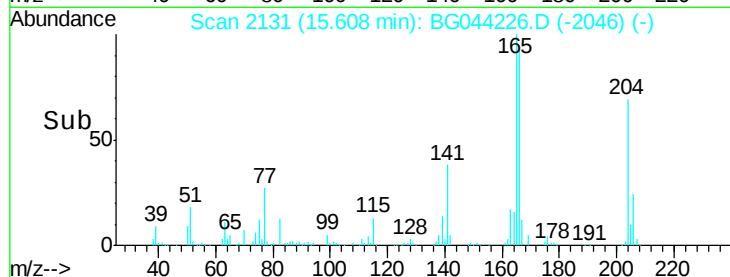
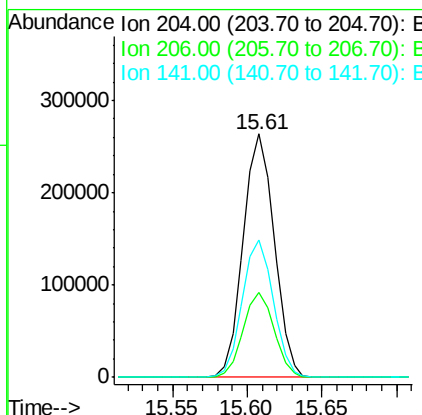
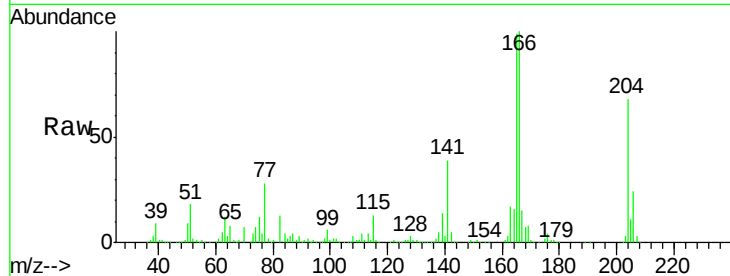
#61
4-Chlorophenyl-phenylether
Concen: 43.756 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	381043		
206	35.1	28.2	42.2	
141	56.4	48.2	72.2	

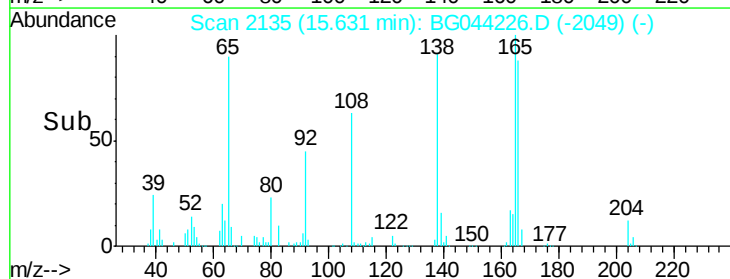
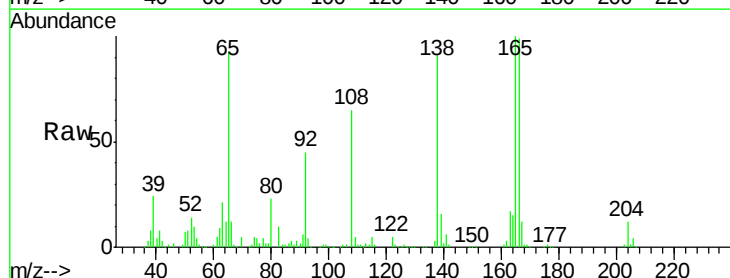
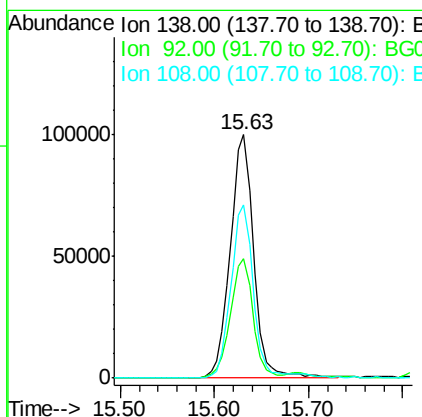
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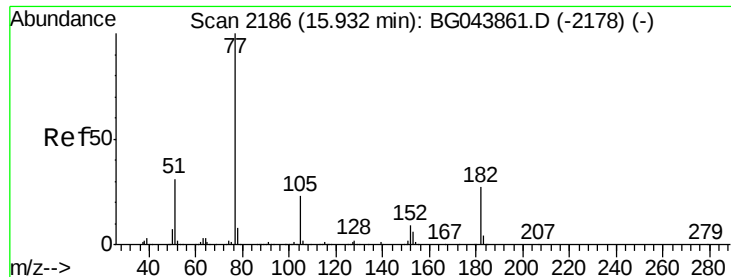
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#62
4-Nitroaniline
Concen: 38.261 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	173314		
92	49.2	34.3	74.3	
108	71.3	55.0	95.0	





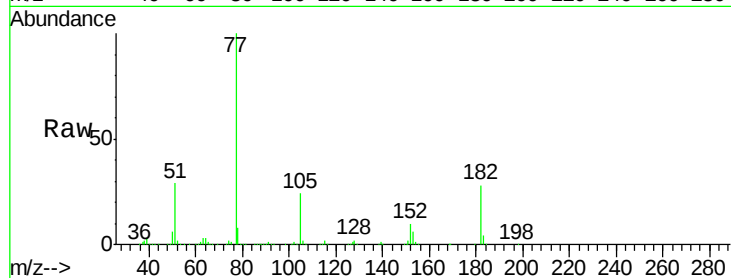
#63
Azobenzene
Concen: 43.191 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

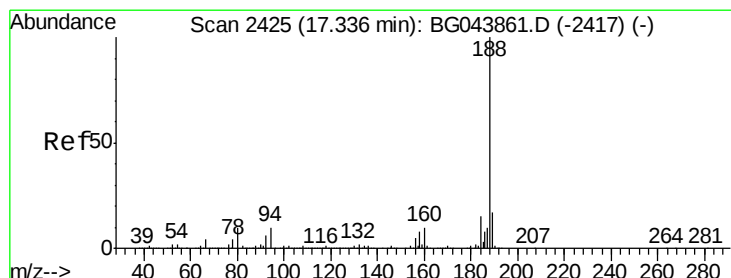
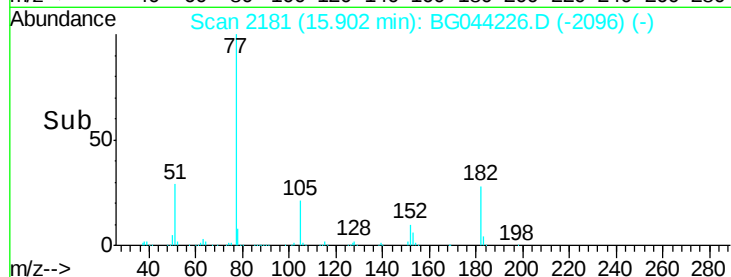
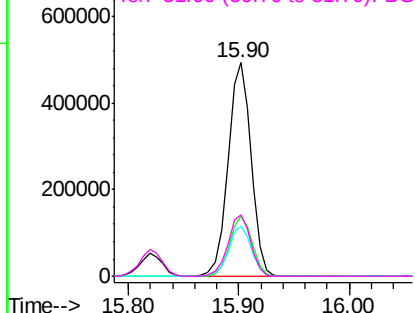
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	7.3	47.3	
105	23.7	3.2	43.2	
51	28.9	10.6	50.6	

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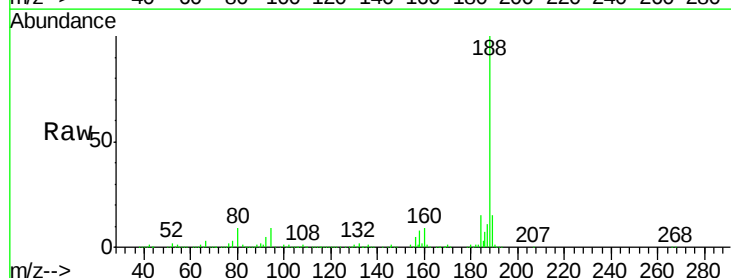


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

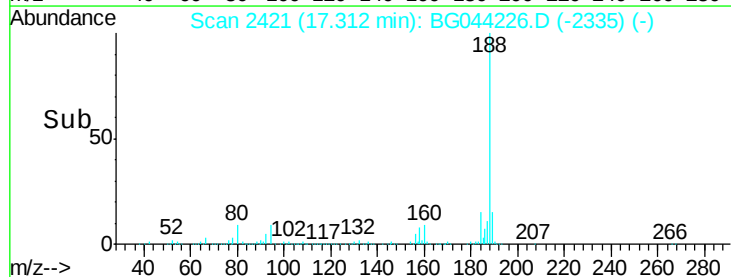
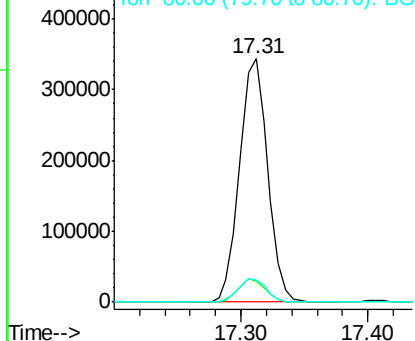


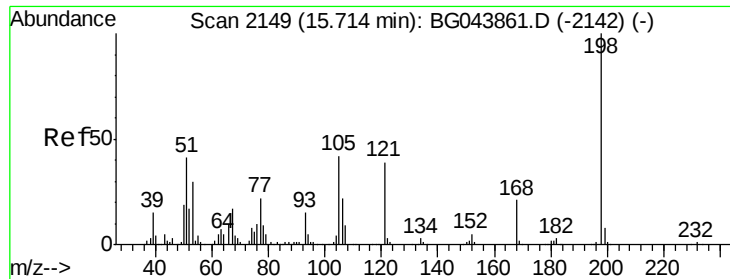
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.9	11.9	
80	9.3	8.2	12.4	



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





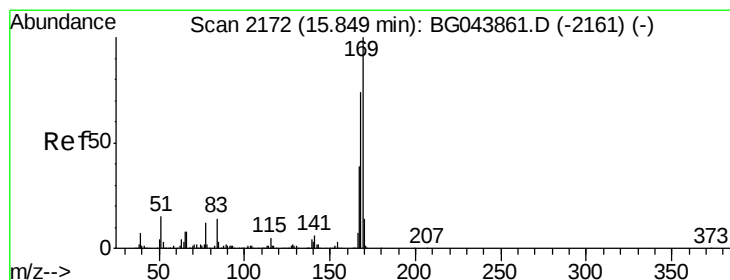
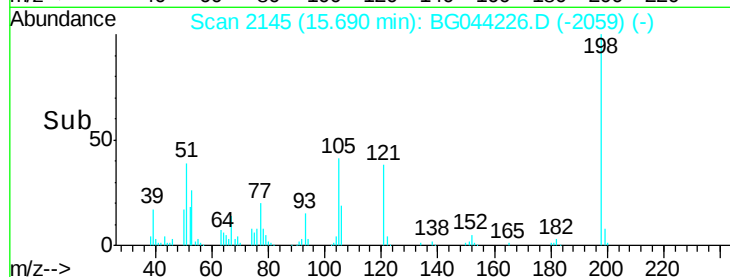
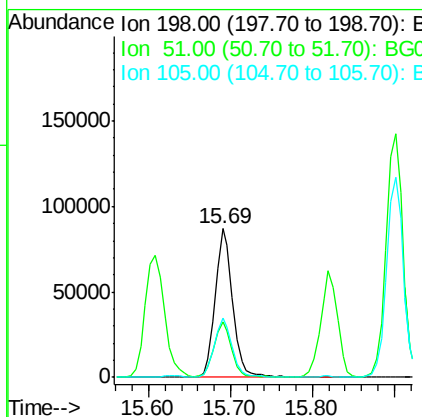
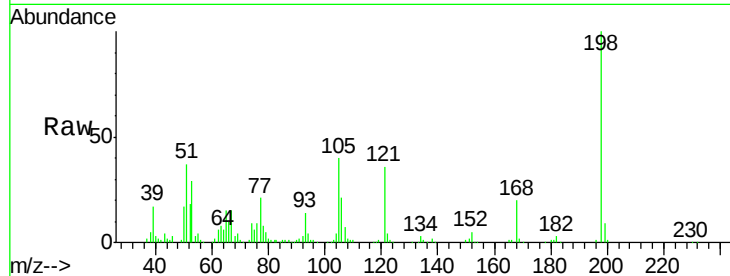
#65
4,6-Dinitro-2-methylphenol
Concen: 47.874 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.2	22.5	62.5
105	39.6	22.3	62.3

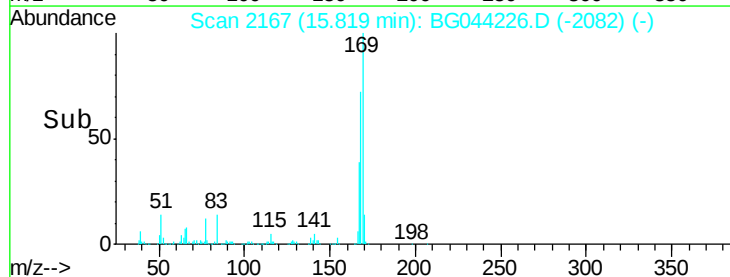
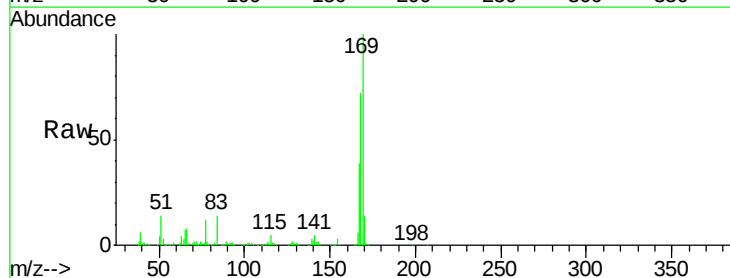
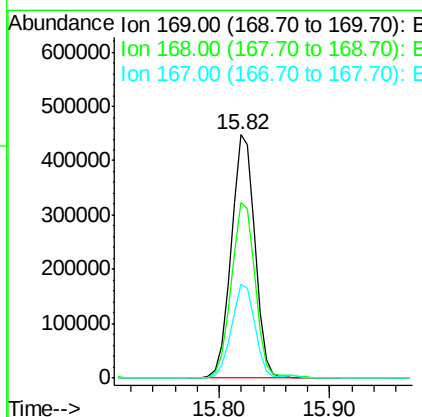
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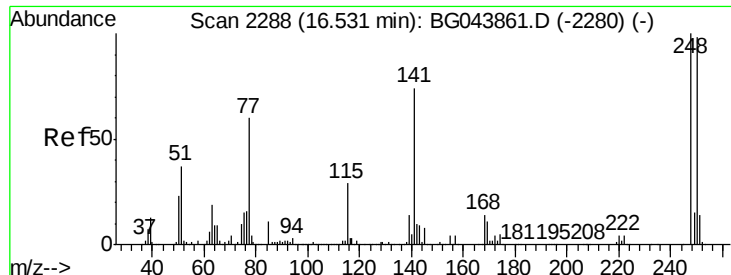
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#66
n-Nitrosodiphenylamine
Concen: 43.258 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.1	59.0	88.6
167	38.5	31.4	47.0





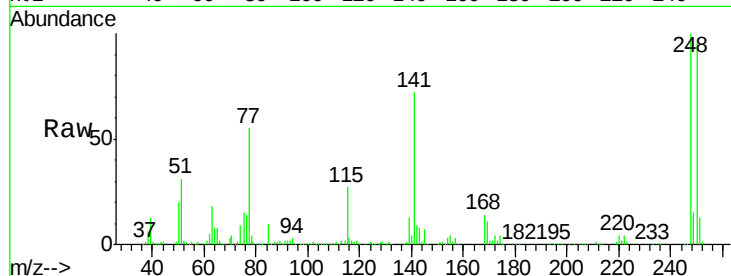
#67
4-Bromophenyl-phenylether
Concen: 41.778 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

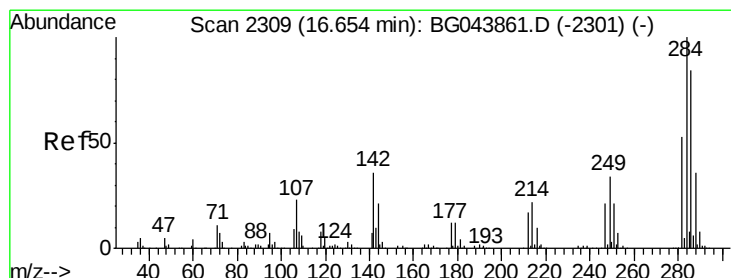
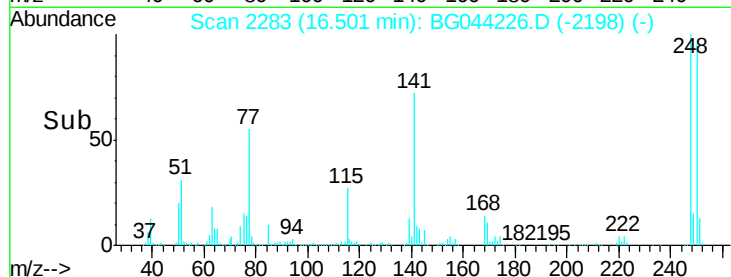
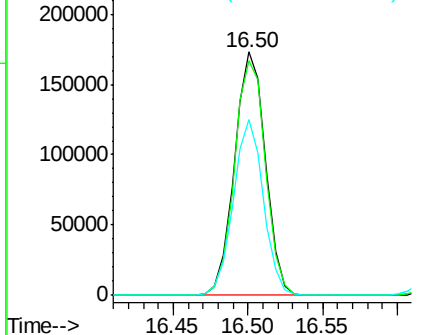
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.2	117.2
141	72.0	59.3	88.9

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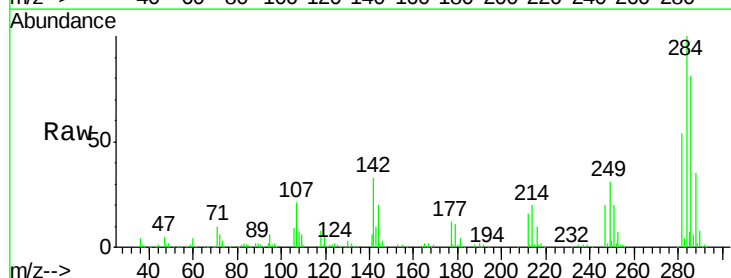


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

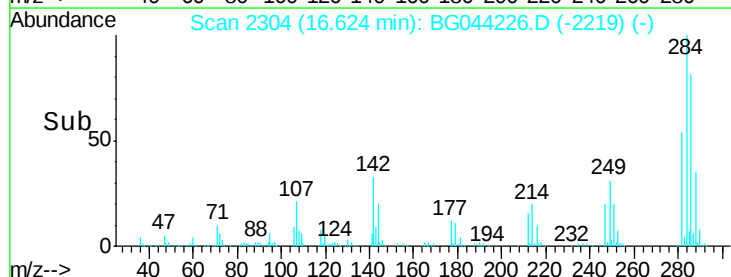
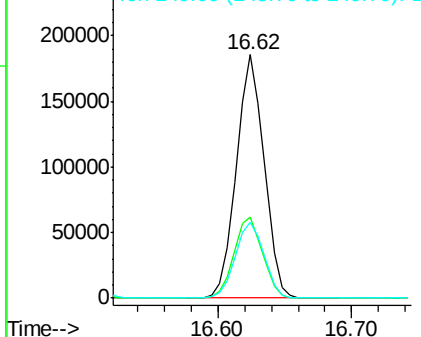


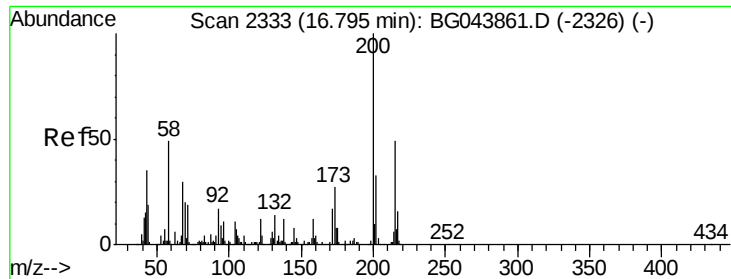
#68
Hexachlorobenzene
Concen: 41.614 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	28.6	43.0
249	31.3	27.0	40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





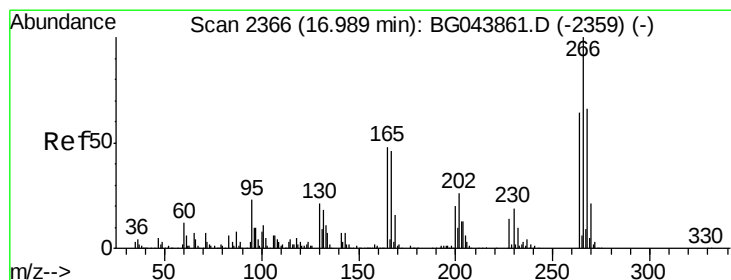
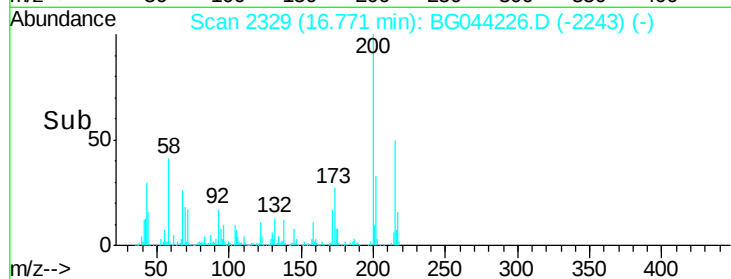
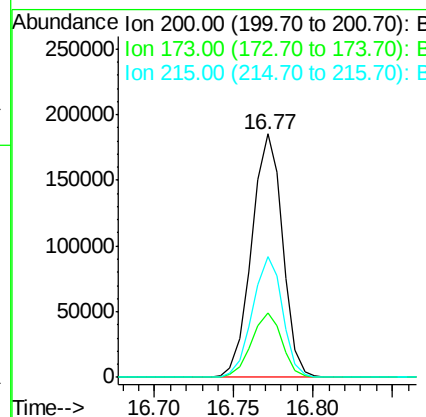
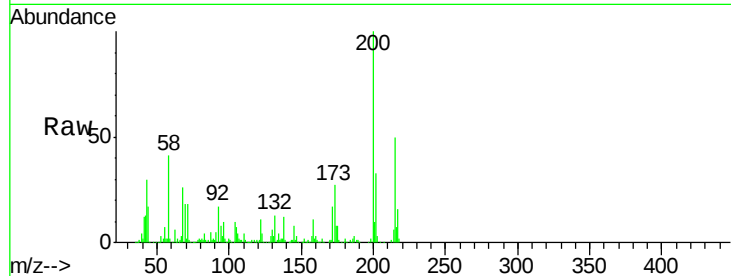
#69
Atrazine
Concen: 49.780 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	251714		
173	26.7		6.6	46.6
215	49.8		28.6	68.6

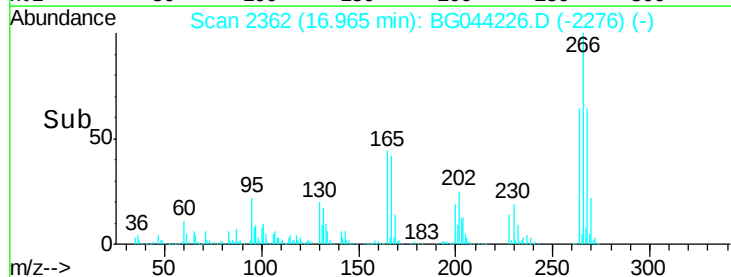
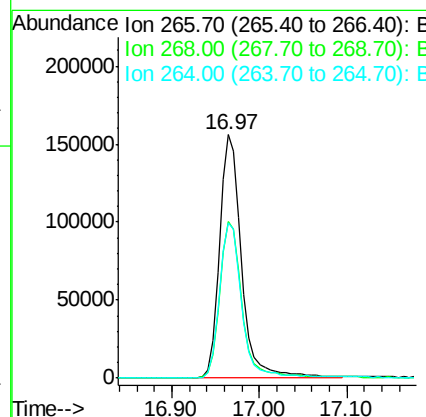
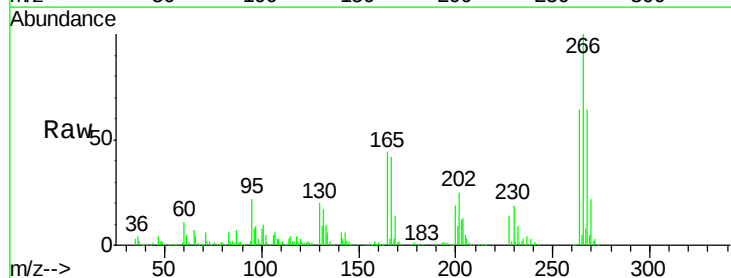
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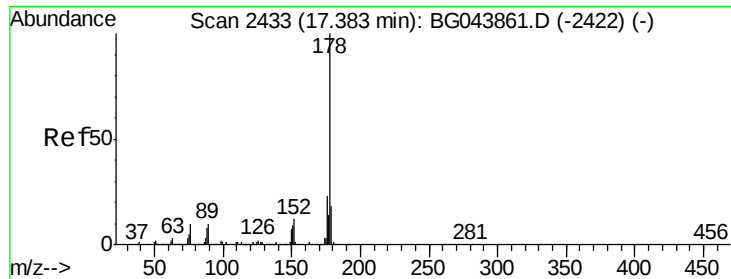
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#70
Pentachlorophenol
Concen: 77.554 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	273685		
268	64.2		52.6	79.0
264	63.8		50.8	76.2





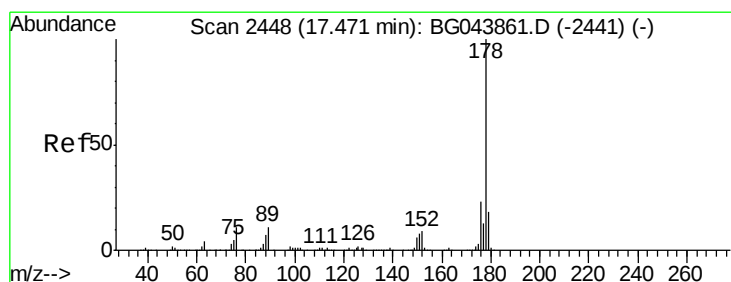
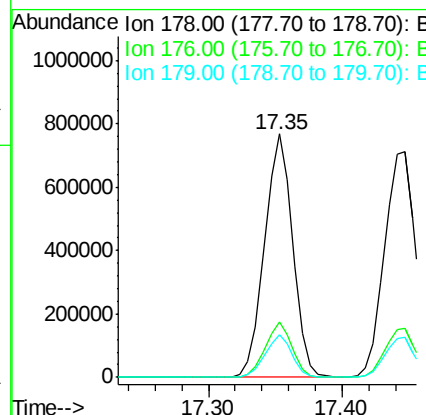
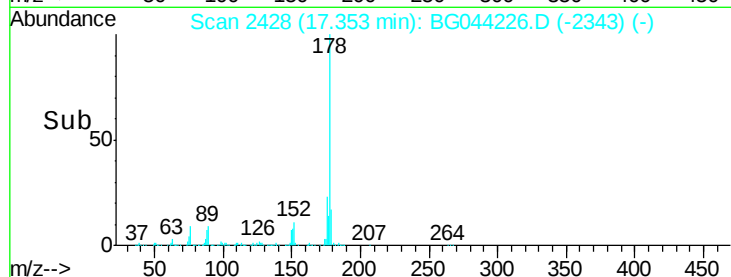
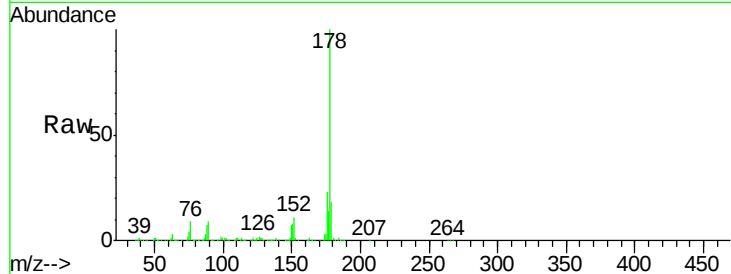
#71
Phenanthrene
Concen: 44.075 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:178 Resp: 1116742
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.6 14.4 21.6

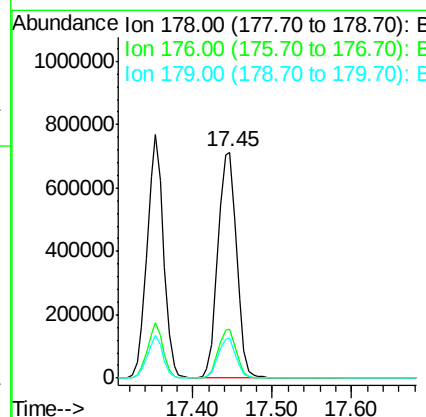
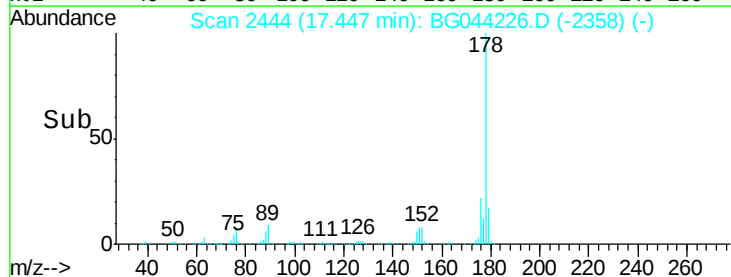
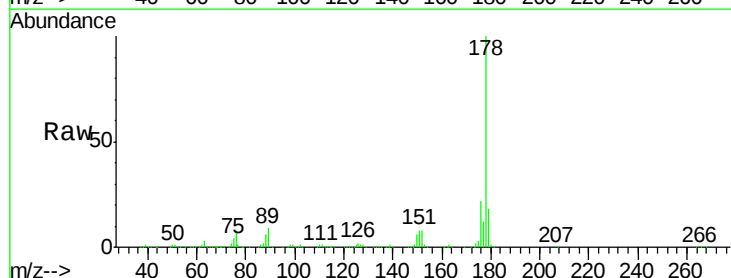
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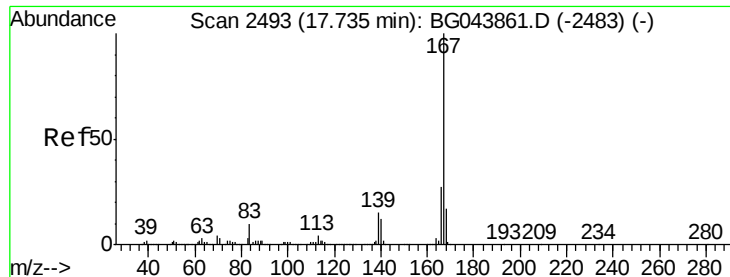
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#72
Anthracene
Concen: 46.268 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:178 Resp: 1158562
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.5 14.6 22.0





#73

Carbazole

Concen: 44.246 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:167 Resp: 1023423

Ion Ratio Lower Upper

167 100

166 25.5 21.6 32.4

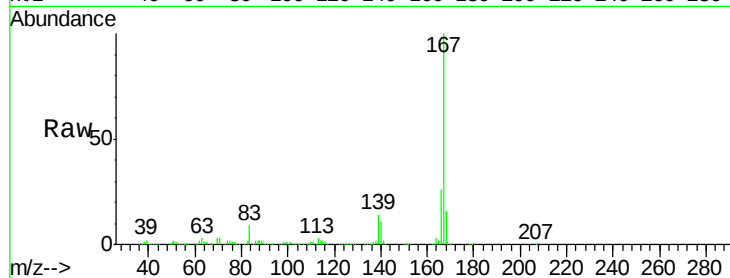
139 14.2 12.1 18.1

Manual Integrations

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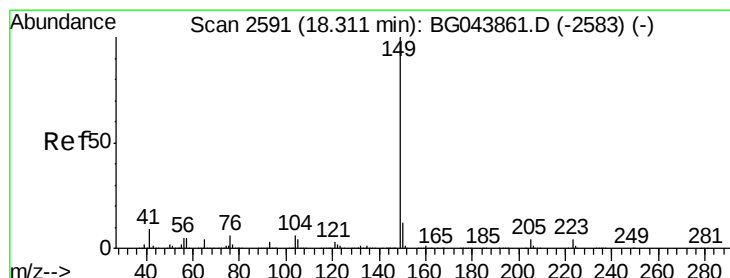
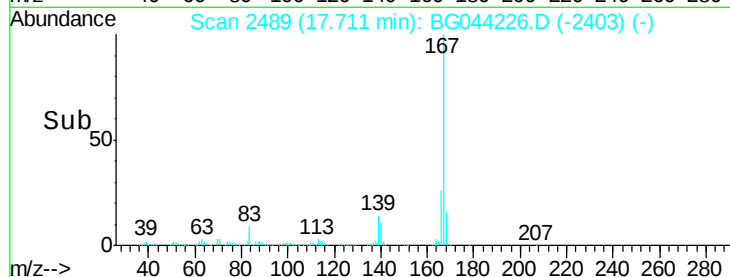
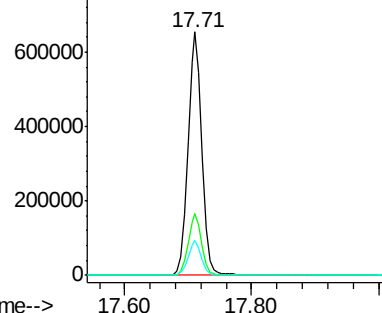
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.944 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

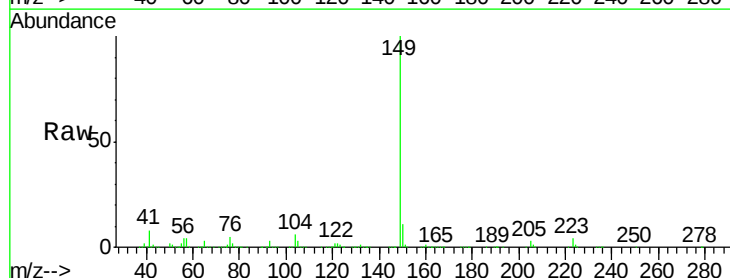
Tgt Ion:149 Resp: 1268206

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

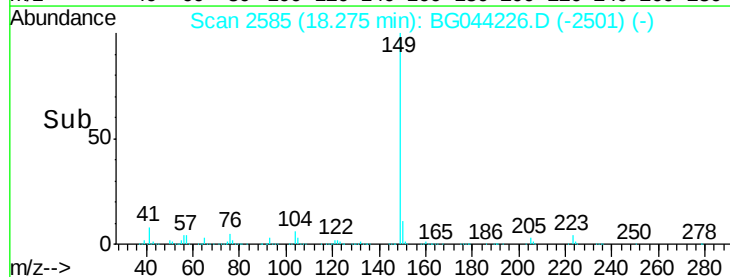
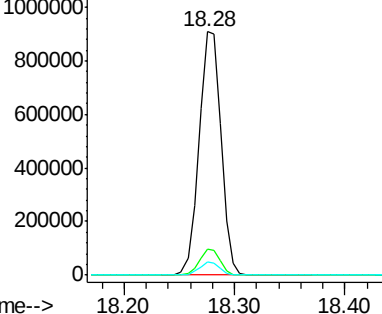
104 5.5 5.0 7.4

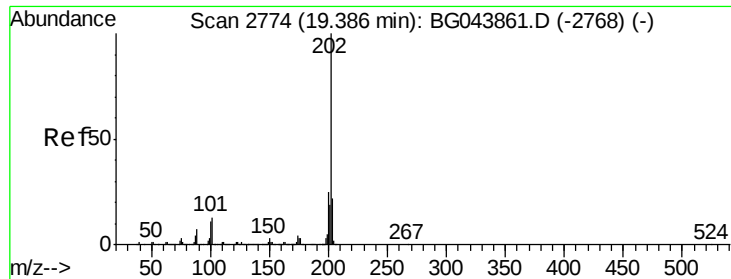


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.618 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

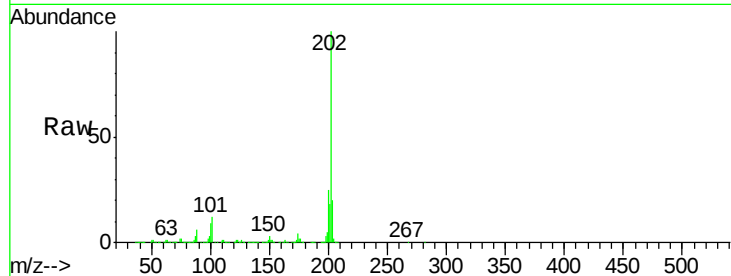
ClientSampleId :

TP-22-21-COMPMS

Tot Ion:	202	Resp:	1292875
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.3
203	19.8	1.6	41.6

Manual Integrations
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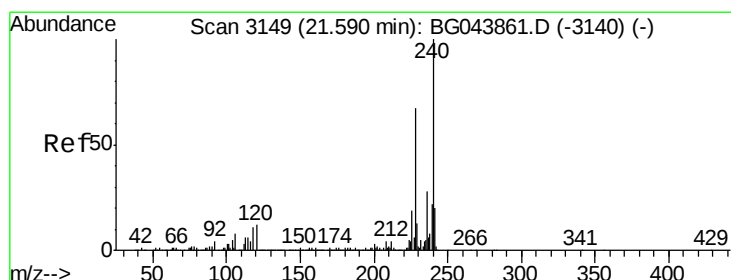
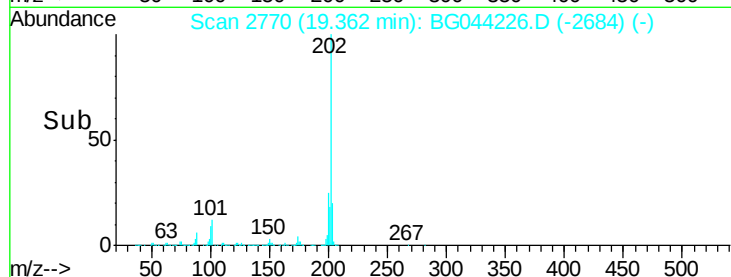
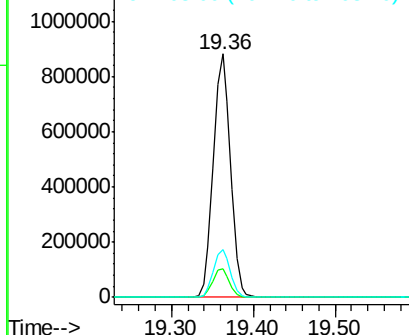


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

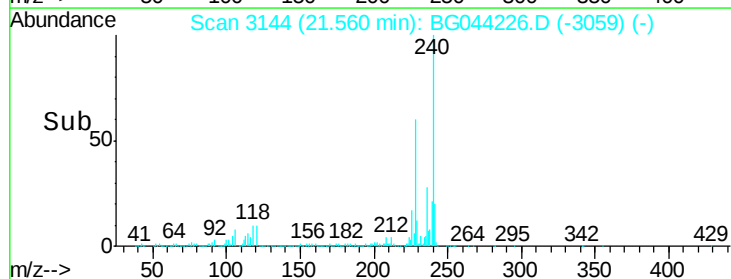
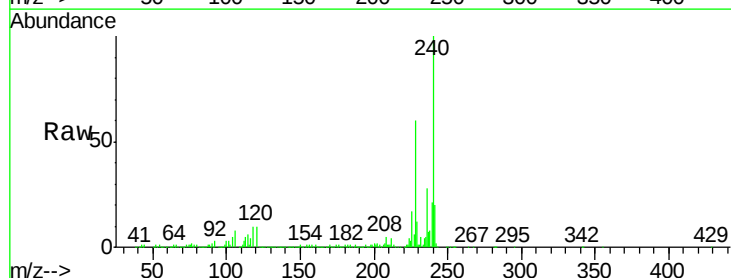
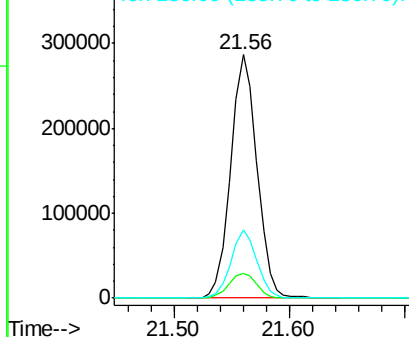
Tgt Ion:	240	Resp:	452170
Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.6	14.4
236	27.9	22.2	33.2

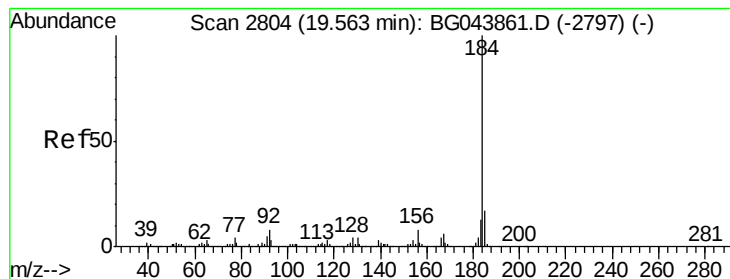
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.833 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:184 Resp: 339066

Ion Ratio Lower Upper

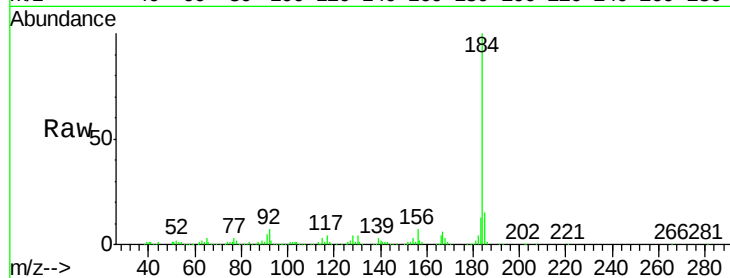
184 100

185 14.8 13.4 20.0

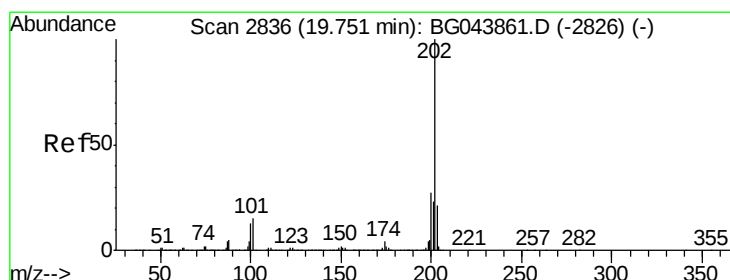
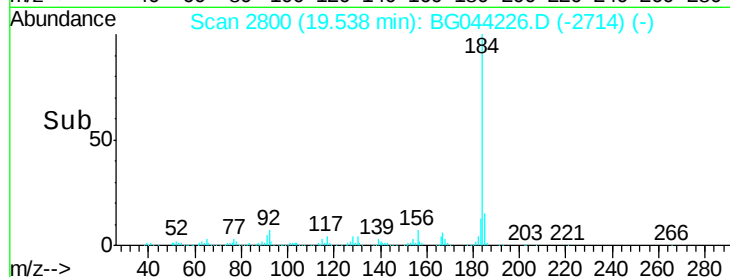
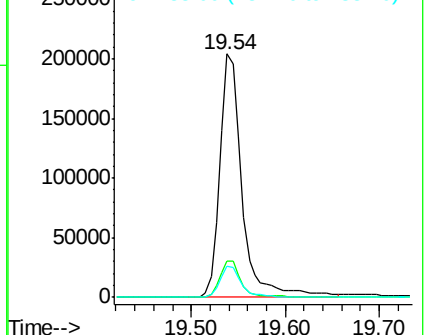
183 12.8 10.6 15.8

Manual Integrations
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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: 43.709 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

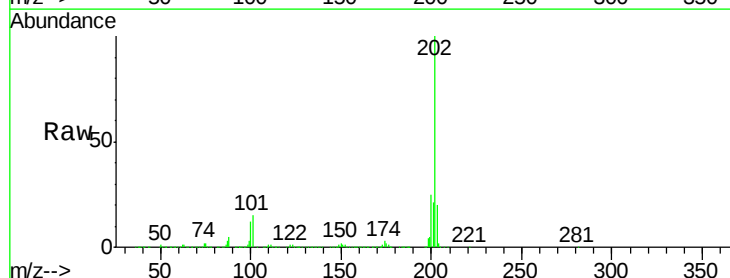
Tgt Ion:202 Resp: 1290067

Ion Ratio Lower Upper

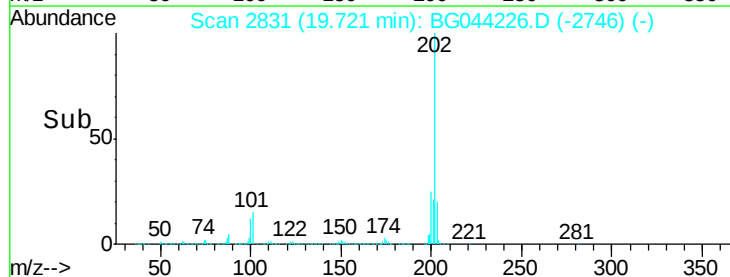
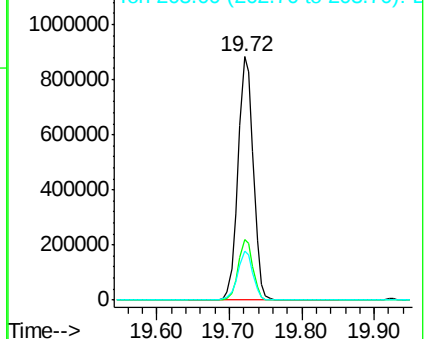
202 100

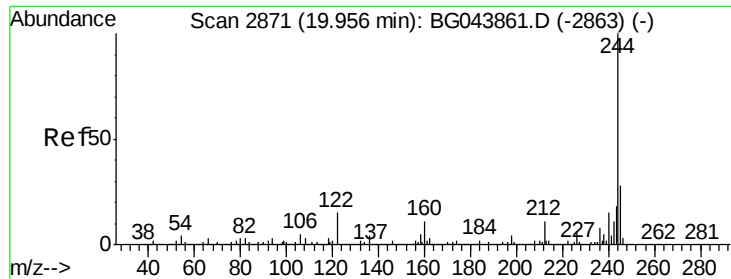
200 24.8 21.7 32.5

203 20.1 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: 78.006 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:244 Resp: 1495835

Ion Ratio Lower Upper

244 100

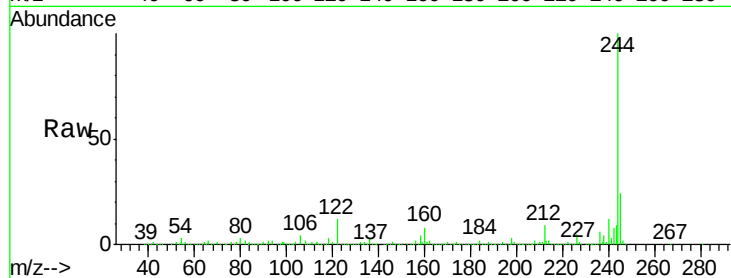
212 8.7 8.6 13.0

122 12.0 11.9 17.9

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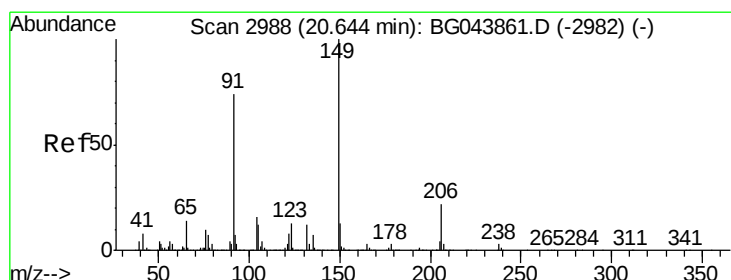
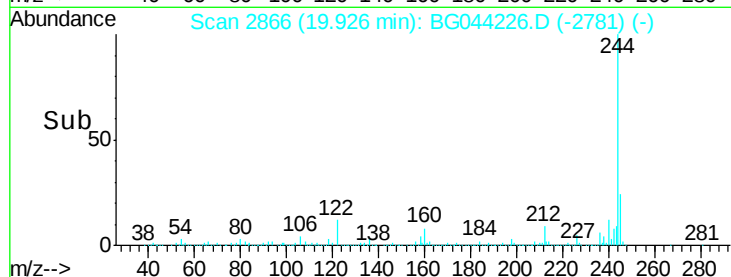
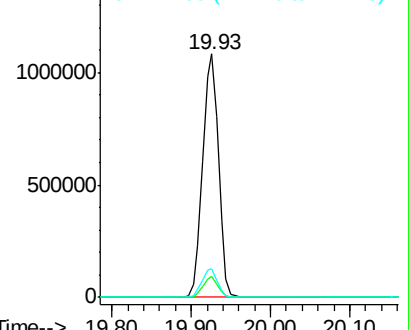
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.160 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

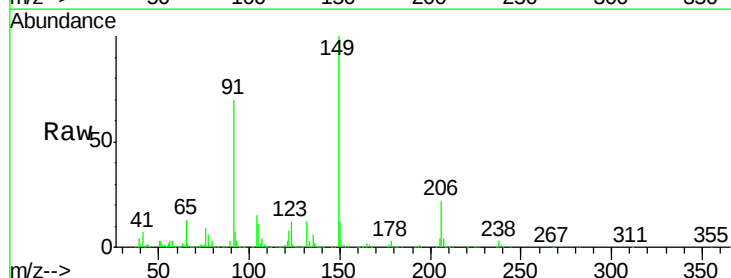
Tgt Ion:149 Resp: 592423

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

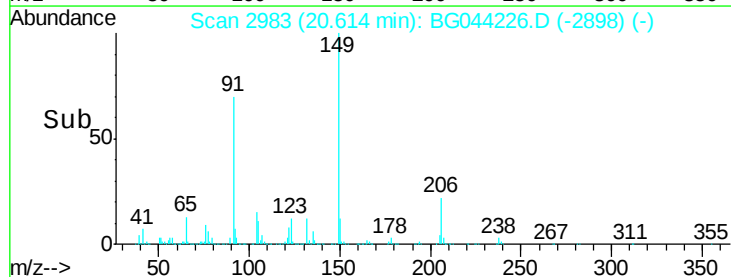
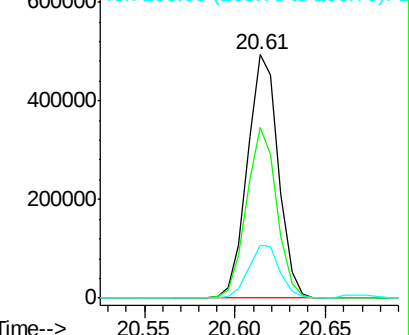
206 21.6 17.8 26.6

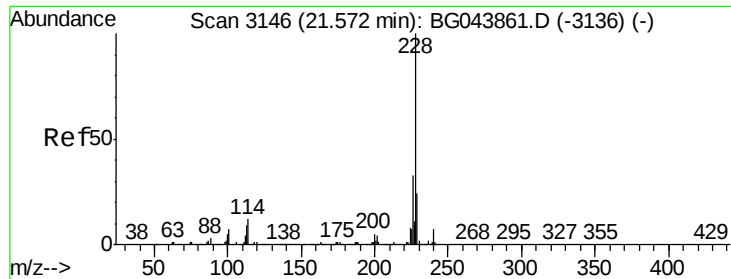


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





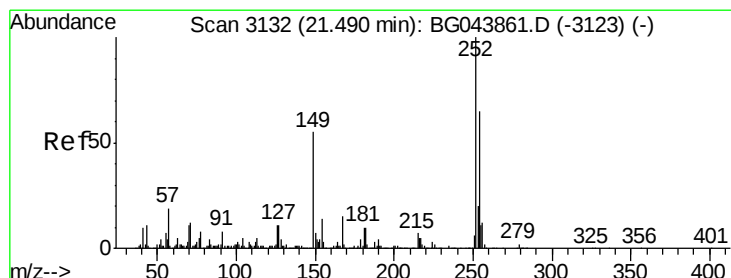
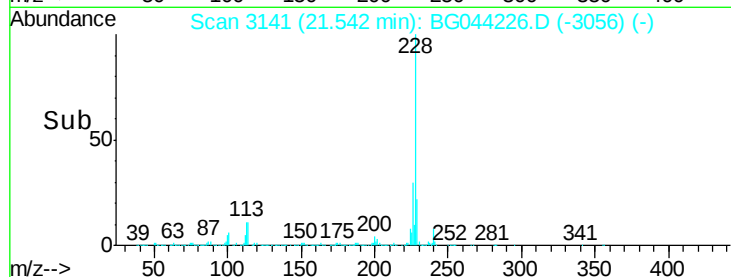
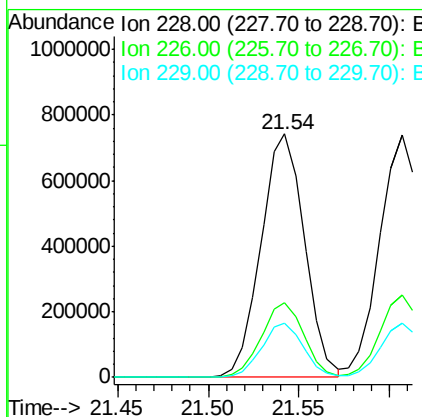
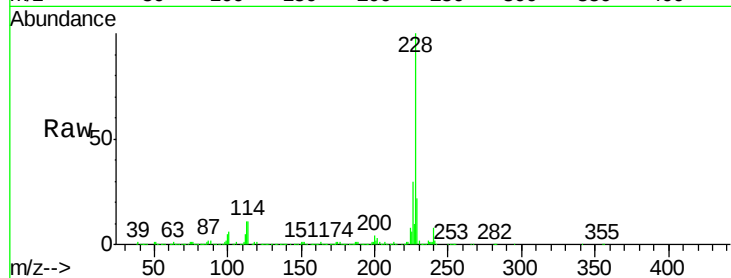
#81
Benzo(a)anthracene
Concen: 44.150 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.2	39.4
229	22.3	18.9	28.3

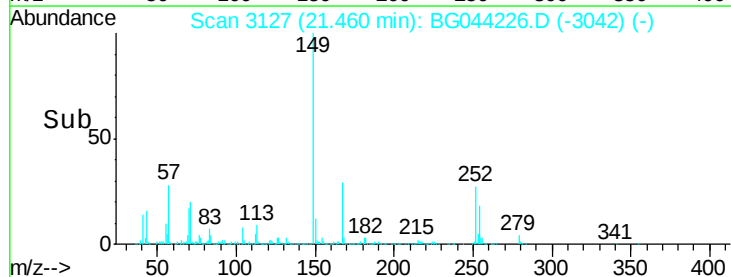
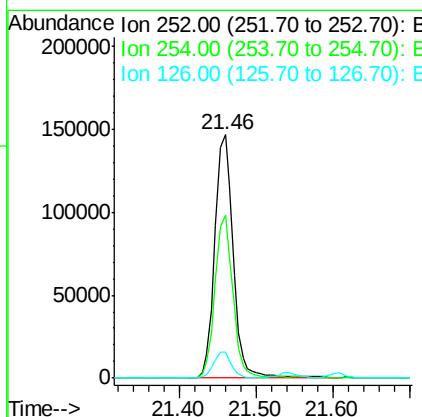
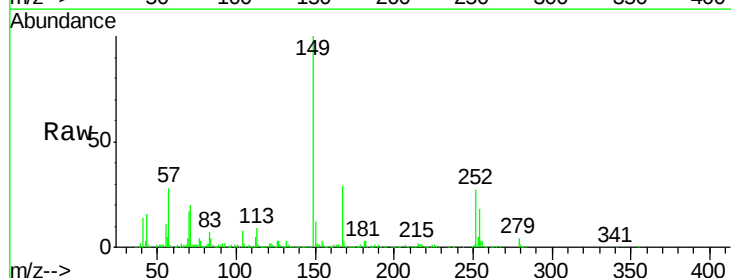
Manual Integrations
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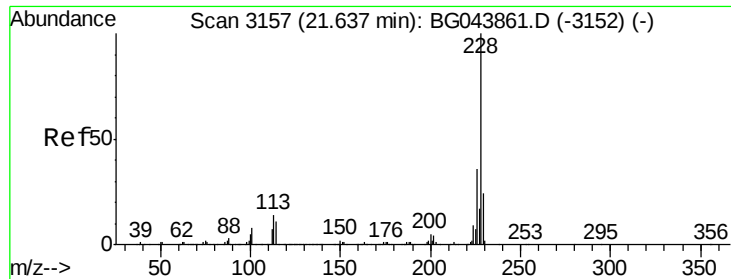
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.870 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.1	78.1
126	10.6	9.1	13.7





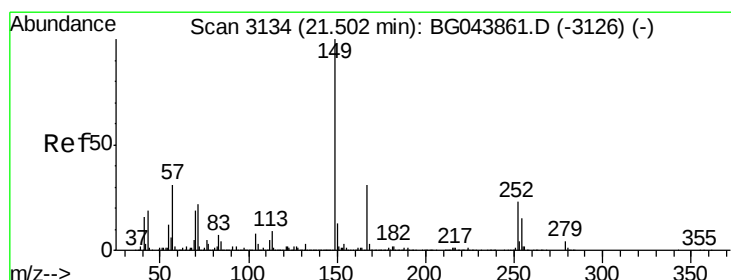
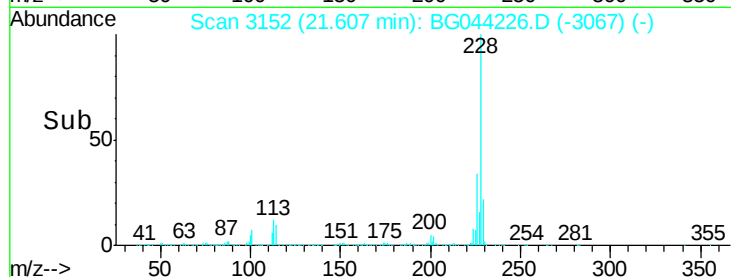
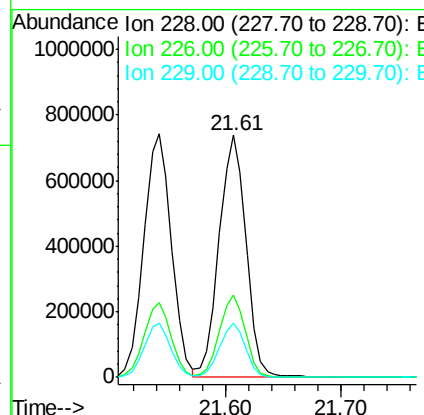
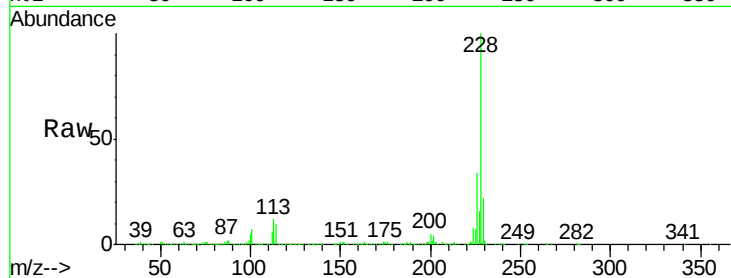
#83
Chrysene
Concen: 44.503 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	28.8	43.2
229	22.2	19.0	28.6

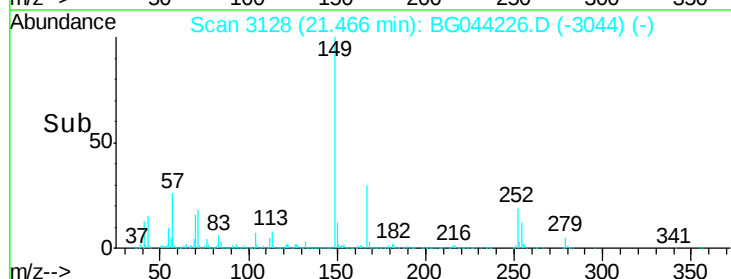
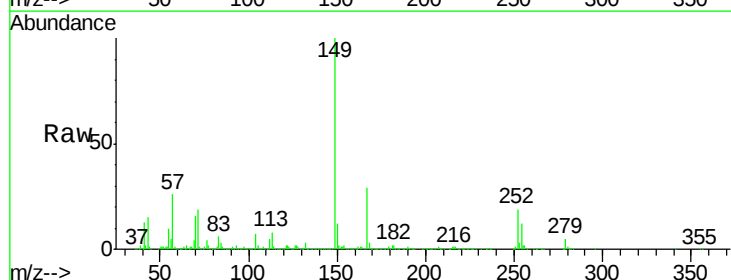
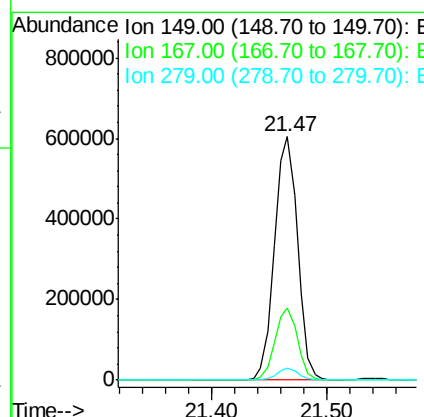
Manual Integrations
APPROVED

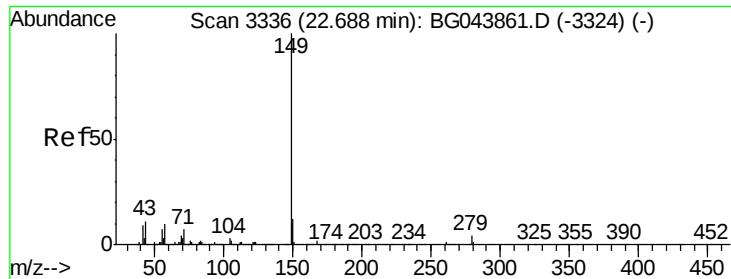
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.475 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.7	37.1
279	4.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 45.015 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:149 Resp: 1467303

Ion Ratio Lower Upper

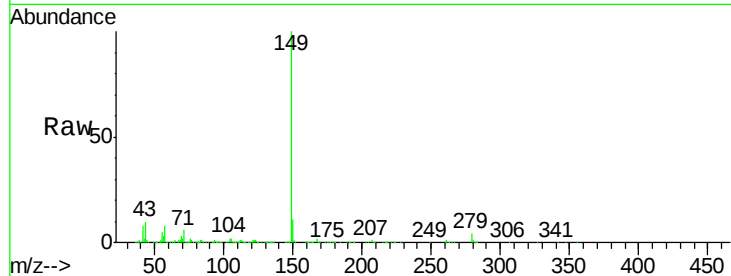
149 100

167 1.7 1.4 2.0

43 9.2 8.8 13.2

Manual Integrations
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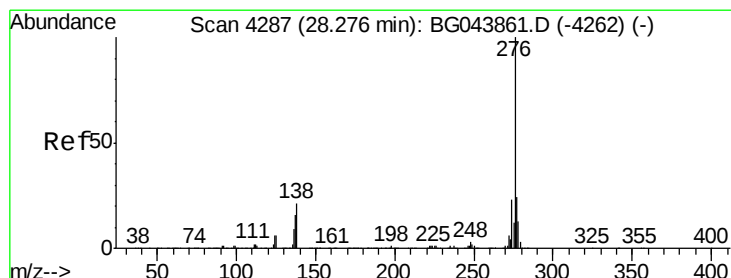
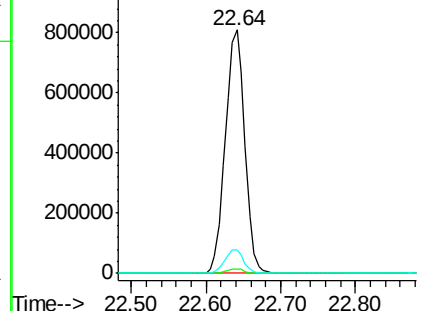
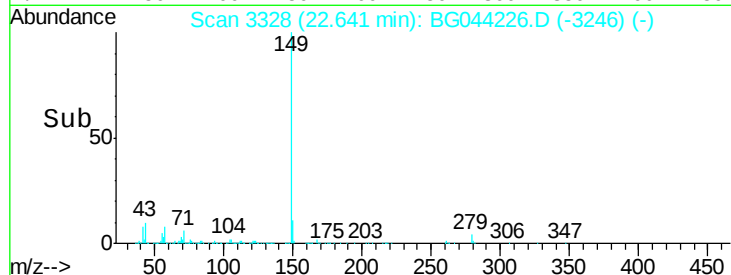
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.864 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.08 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

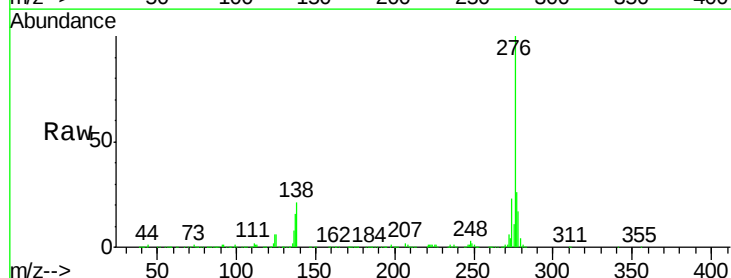
Tgt Ion:276 Resp: 1551924

Ion Ratio Lower Upper

276 100

138 15.6 21.0 31.4#

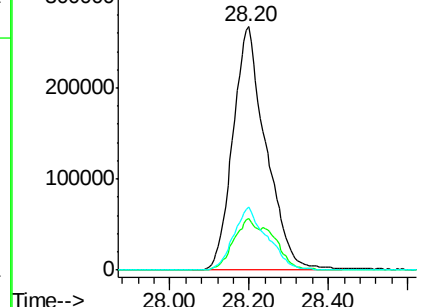
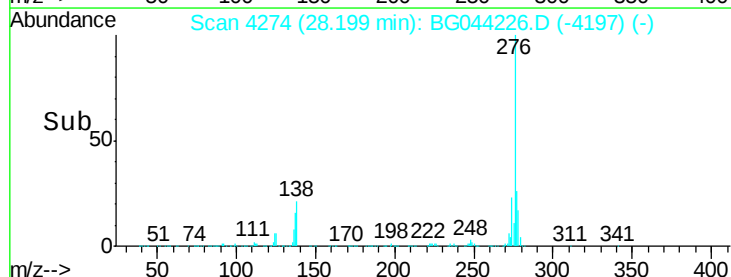
277 26.1 21.1 31.7

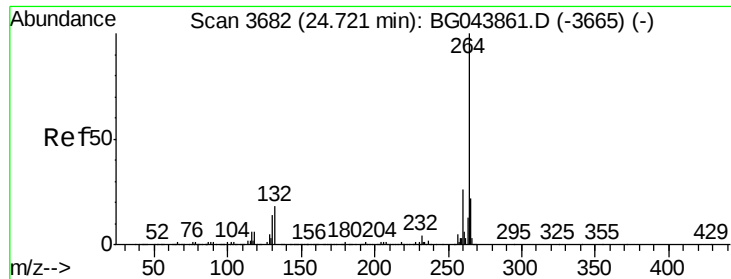


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





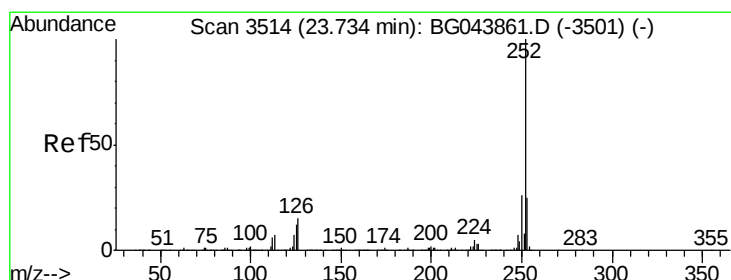
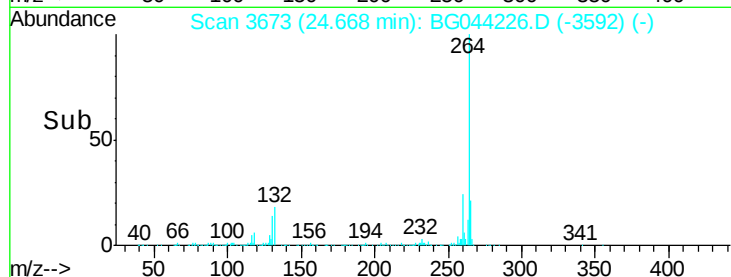
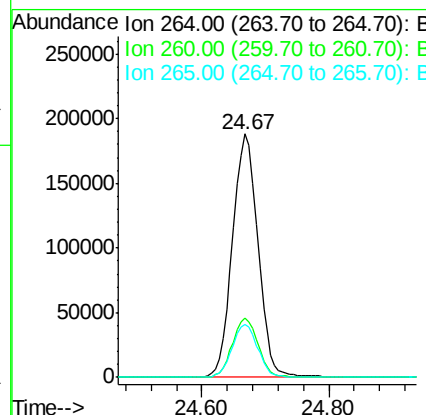
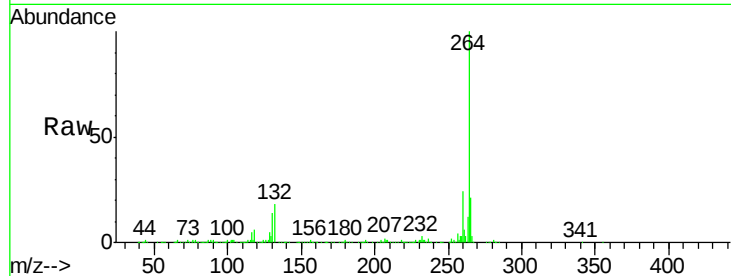
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.5	17.4	26.2

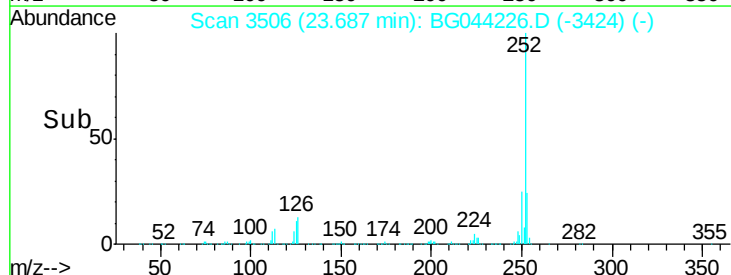
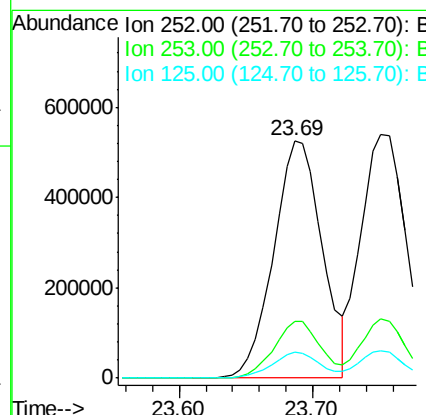
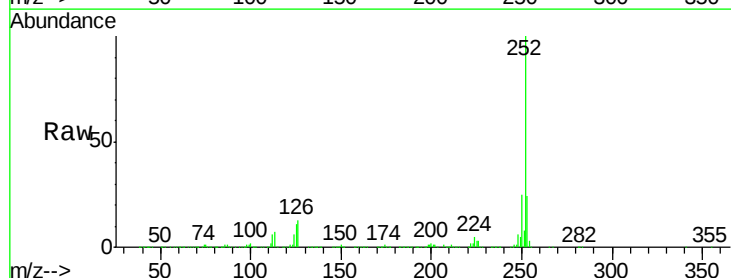
Manual Integrations
APPROVED

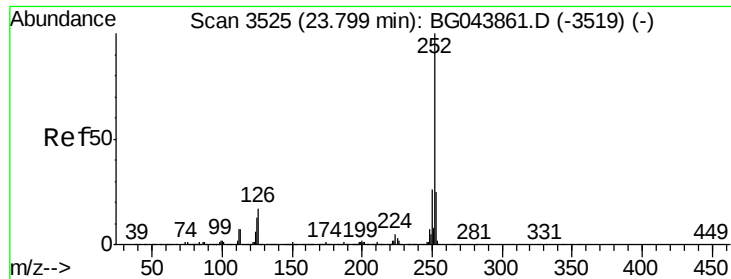
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.920 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	11.1	9.4	14.2





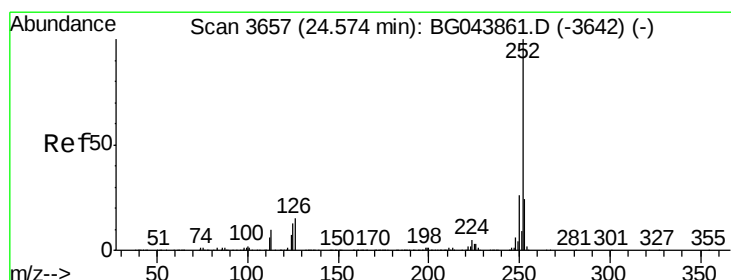
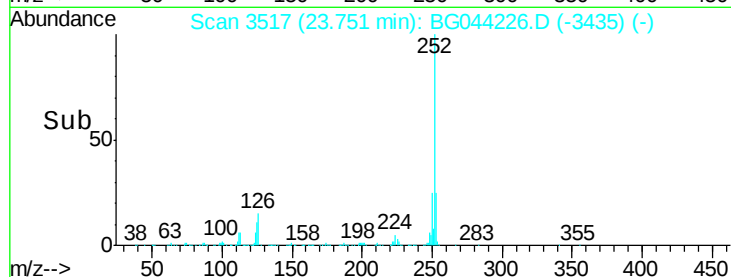
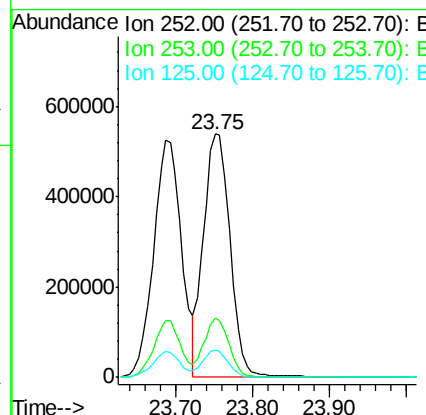
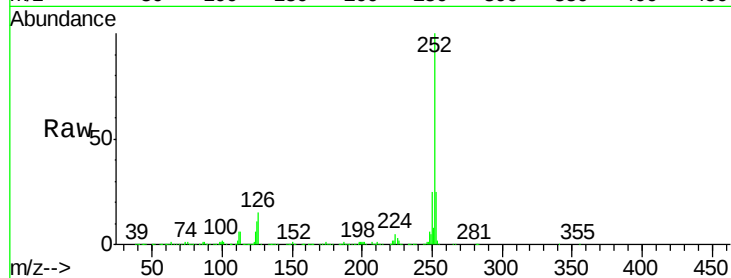
#89
Benzo(k)fluoranthene
Concen: 43.307 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.2
125	11.4	9.9	14.9

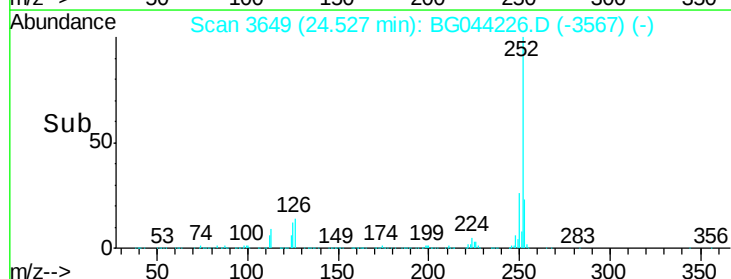
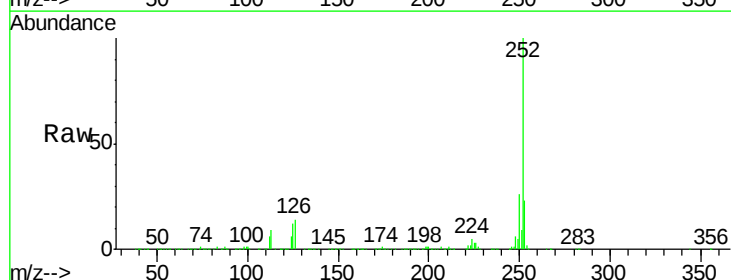
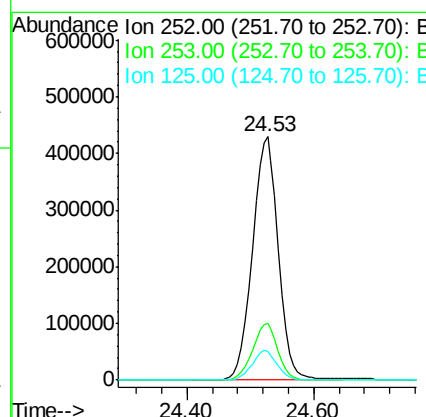
Manual Integrations
APPROVED

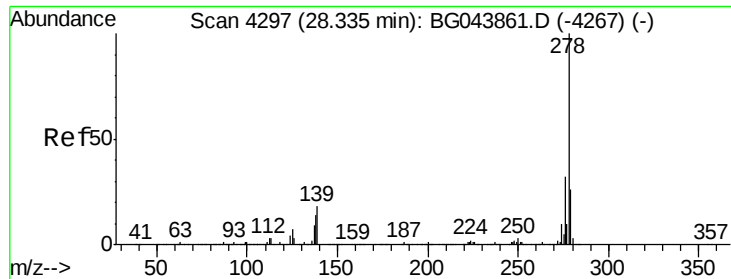
mohammad
1/28/2020 1:12:47 PM



#90
Benzo(a)pyrene
Concen: 41.668 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	11.6	10.4	15.6





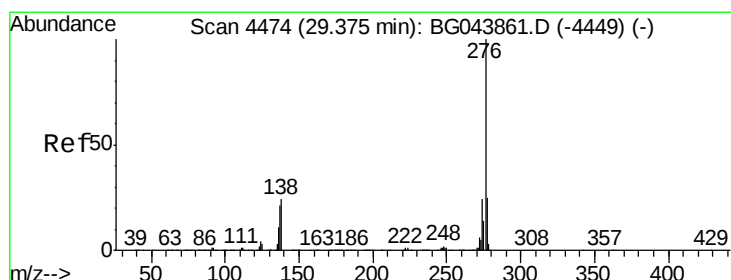
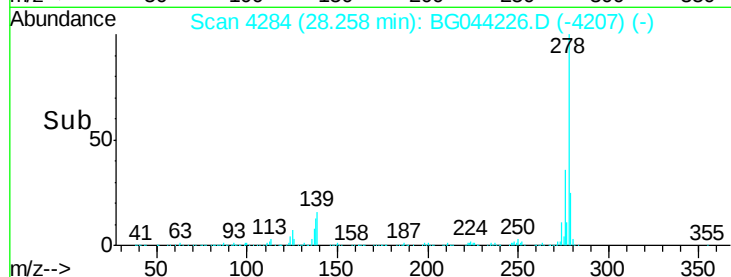
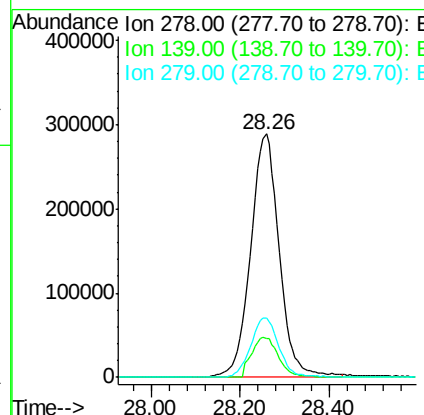
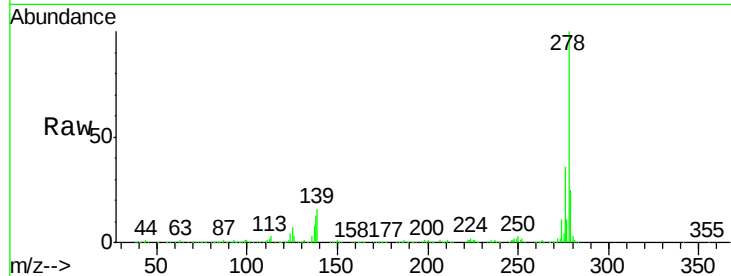
#91
Dibenzo(a,h)anthracene
Concen: 43.349 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.08 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.4
279	24.6	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:47 PM



#92
Benzo(g,h,i)perylene
Concen: 44.679 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.08 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.4
138	21.7	19.0	28.6

