

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045030.D
 Acq On : 17 Apr 2020 13:08
 Operator : CG/JU
 Sample : L2284-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Manual Integrations
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Quant Time: Apr 17 14:45:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	66047	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	307857	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	253707	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	603778	20.00	ng	0.00
76) Chrysene-d12	21.67	240	523404	20.00	ng	0.00
87) Perylene-d12	24.86	264	568245	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	626572	156.62	ng	0.00
7) Phenol-d6	7.19	99	908719	152.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	625721	92.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	550282	140.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1551020	89.64	ng	0.00
79) Terphenyl-d14	20.01	244	2455622	102.26	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	66213	37.242	ng	# 34
4) n-Nitrosodimethylamine	3.80	42	80821	48.196	ng	88
6) Aniline	7.34	93	11954	1.547	ng	# 94
8) 2-Chlorophenol	7.59	128	260950	60.693	ng	98
9) Benzaldehyde	7.15	77	135311	40.560	ng	97
10) Phenol	7.21	94	336678	56.605	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	242229	51.151	ng	98
12) 1,3-Dichlorobenzene	7.91	146	241629	47.692	ng	97
13) 1,4-Dichlorobenzene	8.06	146	242115	47.959	ng	96
14) 1,2-Dichlorobenzene	8.38	146	234871	48.630	ng	97
15) Benzyl Alcohol	8.26	79	281947	56.577	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	233446	50.219	ng	97
17) 2-Methylphenol	8.47	107	253312	55.199	ng	96
18) Hexachloroethane	9.11	117	90624	47.751	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	235690	56.070	ng	96
20) 3+4-Methylphenols	8.79	107	359464	55.962	ng	98
22) Acetophenone	8.84	105	419282	50.363	ng	# 97
24) Nitrobenzene	9.22	77	337882	48.856	ng	97
25) Isophorone	9.75	82	699943	50.659	ng	97
26) 2-Nitrophenol	9.93	139	159469	53.531	ng	98
27) 2,4-Dimethylphenol	10.00	122	265858	56.244	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	375908	51.781	ng	98
29) 2,4-Dichlorophenol	10.47	162	307817	56.397	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	286847	46.418	ng	96
31) Naphthalene	10.88	128	815261	48.409	ng	99
32) Benzoic acid	10.16	122	207600	53.521	ng	99
33) 4-Chloroaniline	10.99	127	29007	3.693	ng	94
34) Hexachlorobutadiene	11.18	225	187180	44.179	ng	97
35) Caprolactam	11.76	113	85671m	39.439	ng	
36) 4-Chloro-3-methylphenol	12.11	107	367075	57.250	ng	95
37) 2-Methylnaphthalene	12.48	142	679045	51.947	ng	96
38) 1-Methylnaphthalene	12.70	142	650834	52.740	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	364248	44.591	ng	99
41) Hexachlorocyclopentadiene	12.84	237	503652	98.648	ng	97

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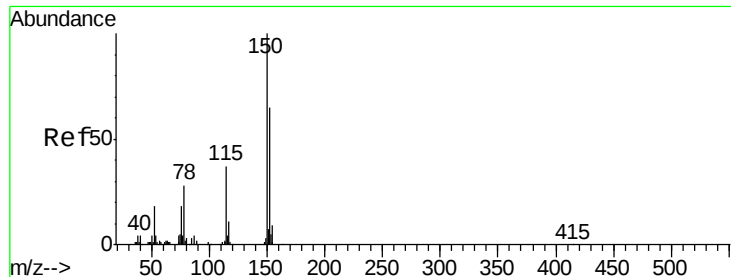
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 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	295273	51.217	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	311613	47.485	nq	98
46) 1,1'-Biphenyl	13.49	154	886402	45.967	nq	99
47) 2-Chloronaphthalene	13.54	162	685470	46.521	nq	98
48) 2-Nitroaniline	13.73	65	234928	48.459	nq	94
49) Acenaphthylene	14.38	152	1148428	47.850	nq	99
50) Dimethylphthalate	14.11	163	1012423	49.009	nq	99
51) 2,6-Dinitrotoluene	14.22	165	229699	49.712	nq	96
52) Acenaphthene	14.72	154	904625m	55.708	nq	
53) 3-Nitroaniline	14.55	138	71806	14.169	nq	93
54) 2,4-Dinitrophenol	14.76	184	309771	112.745	nq	96
55) Dibenzofuran	15.06	168	1145166	48.371	nq	97
56) 4-Nitrophenol	14.87	139	363868	92.603	nq	98
57) 2,4-Dinitrotoluene	15.02	165	329437	48.787	nq	93
58) Fluorene	15.70	166	946949	48.969	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	315402	54.017	nq	99
60) Diethylphthalate	15.48	149	1034495	48.031	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	526971	47.344	nq	98
62) 4-Nitroaniline	15.72	138	215195	40.941	nq	95
63) Azobenzene	15.99	77	973849	49.042	nq	100
65) 4,6-Dinitro-2-methylphenol	15.78	198	221753	55.876	nq	96
66) n-Nitrosodiphenylamine	15.91	169	865501	49.891	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	370697	47.591	nq	94
68) Hexachlorobenzene	16.71	284	404854	50.116	nq	99
69) Atrazine	16.86	200	339053	54.605	nq	98
70) Pentachlorophenol	17.05	266	517734	104.471	nq	100
71) Phenanthrene	17.45	178	1520233	48.998	nq	99
72) Anthracene	17.54	178	1553329	49.910	nq	99
73) Carbazole	17.80	167	1429700	45.267	nq	99
74) Di-n-butylphthalate	18.37	149	1692323	49.882	nq	99
75) Fluoranthene	19.45	202	1805694	50.232	nq	98
78) Pyrene	19.82	202	1797872	49.825	nq	99
80) Butylbenzylphthalate	20.70	149	750630	50.185	nq	100
81) Benzo(a)anthracene	21.65	228	1697265	50.031	nq	97
82) 3,3'-Dichlorobenzidine	21.56	252	215496	15.960	nq	97
83) Chrysene	21.71	228	1600906	49.115	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1038508	50.484	nq	100
85) Di-n-octyl phthalate	22.78	149	1764075	49.590	nq	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2181674	50.414	nq	# 95
88) Benzo(b)fluoranthene	23.85	252	1814513	50.977	nq	99
89) Benzo(k)fluoranthene	23.92	252	1778969	52.554	nq	99
90) Benzo(a)pyrene	24.71	252	1677267	49.908	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	1771587	52.315	nq	98
92) Benzo(g,h,i)perylene	29.61	276	1784938	52.575	nq	99

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



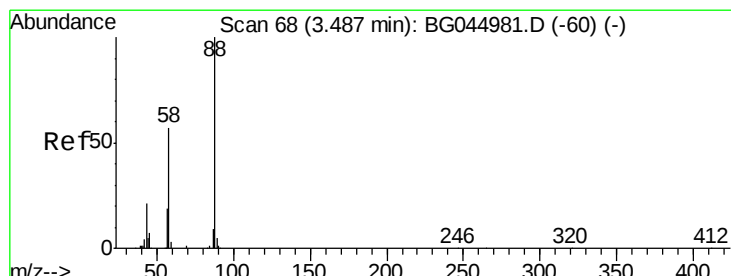
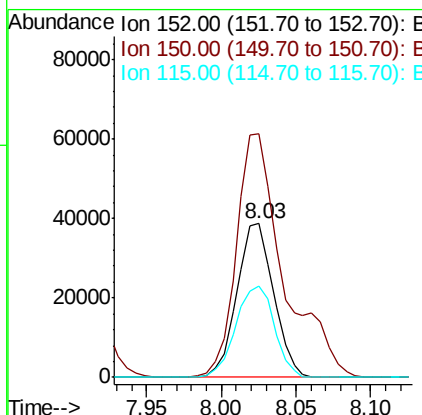
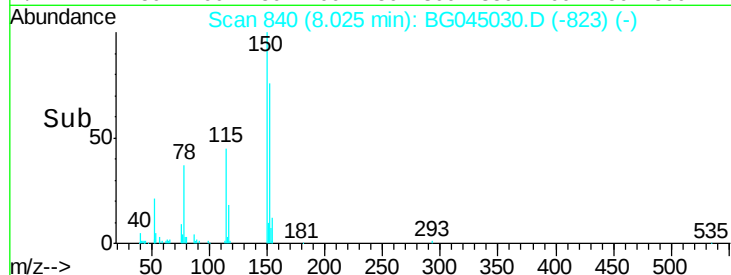
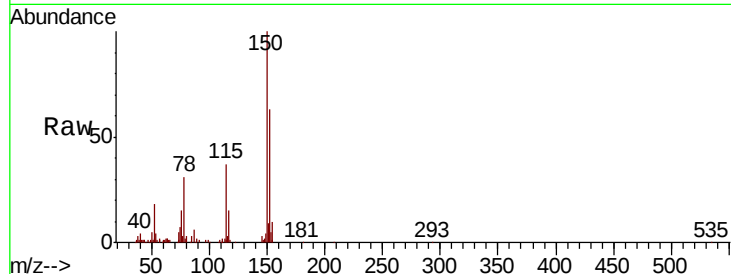
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion:	152	Resp:	66047
Ion Ratio	Lower	Upper	
152	100		
150	158.4	123.6	185.4
115	59.3	49.1	73.7

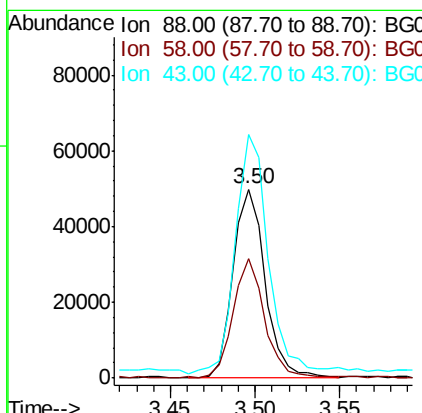
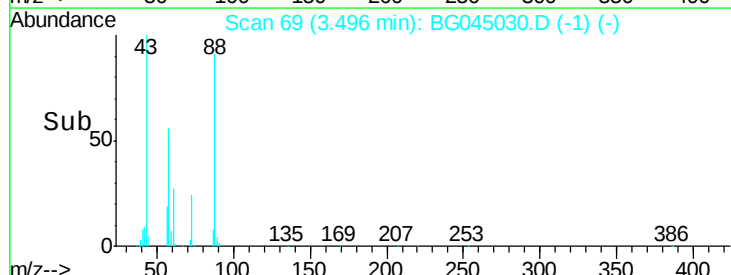
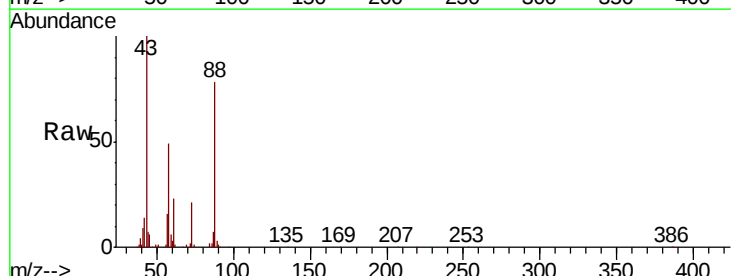
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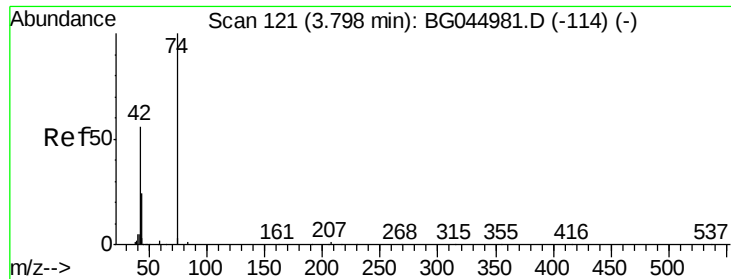
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#2
 1,4-Dioxane
 Concen: 37.242 ng
 RT: 3.50 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion:	88	Resp:	66213
Ion Ratio	Lower	Upper	
88	100		
58	60.7	46.6	69.8
43	132.6	17.5	26.3#





#4

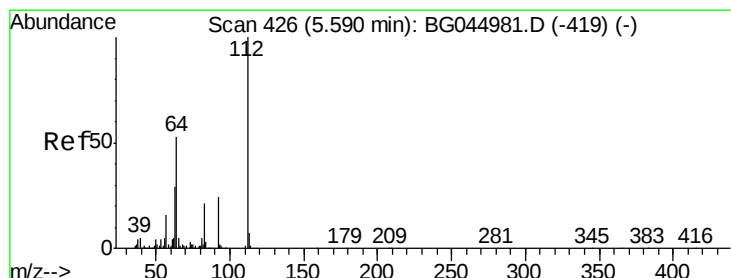
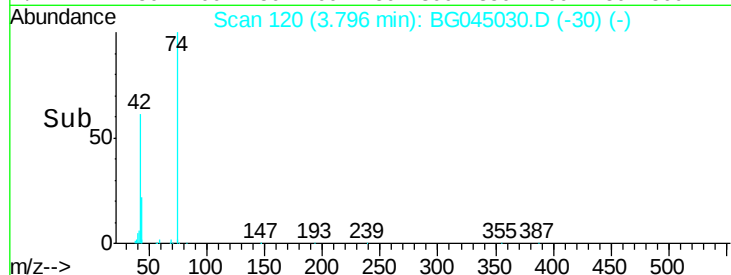
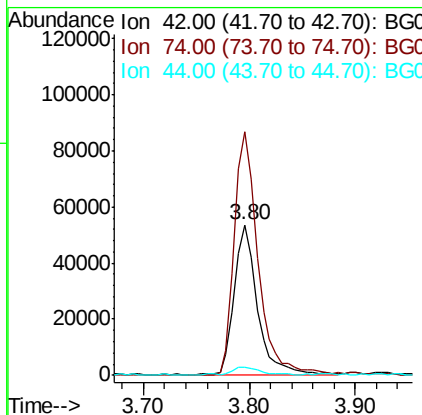
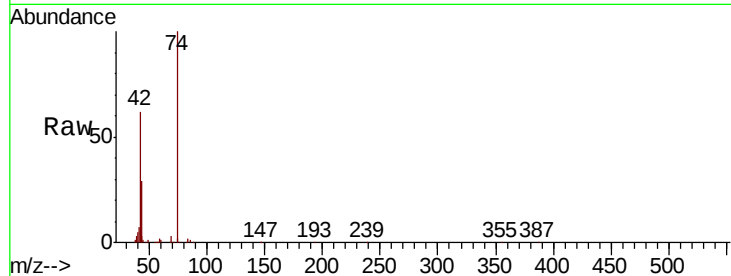
n-Nitrosodimethylamine
 Concen: 48.196 ng
 RT: 3.80 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
42	100		
74	162.0	143.0	214.6
44	5.5	4.6	6.8

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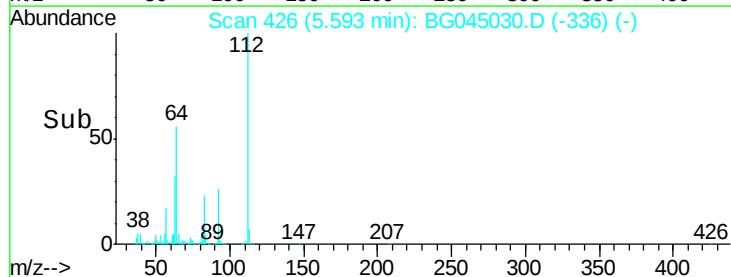
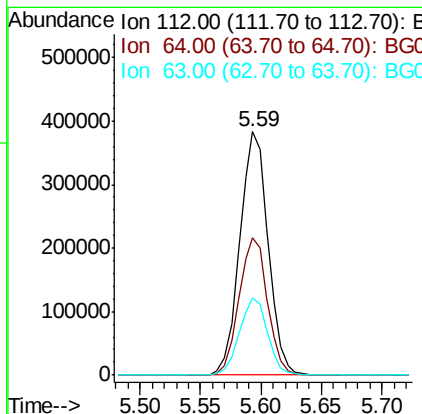
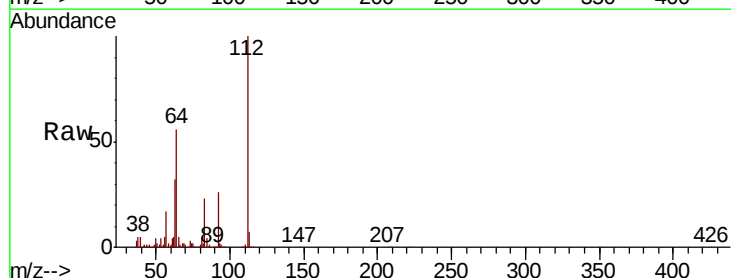
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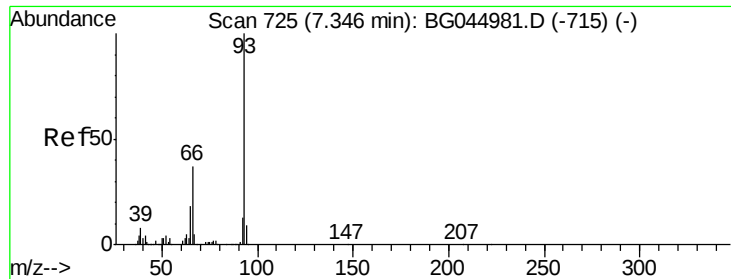


#5

2-Fluorophenol
 Concen: 156.621 ng
 RT: 5.59 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.4	63.6
63	31.9	23.1	34.7





#6

Aniline

Concen: 1.547 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

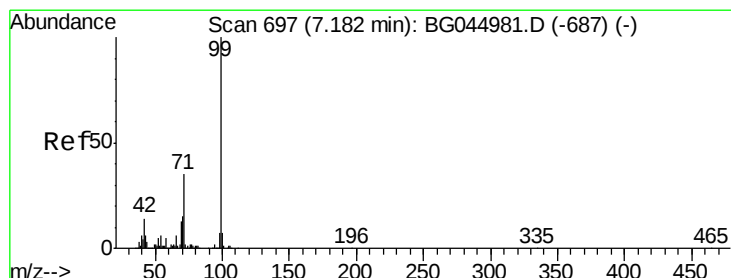
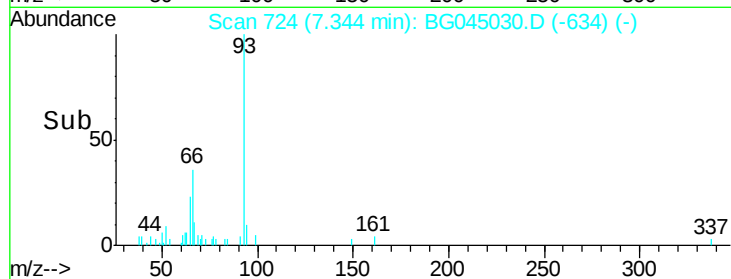
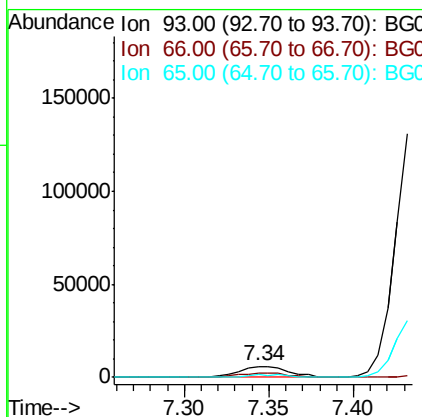
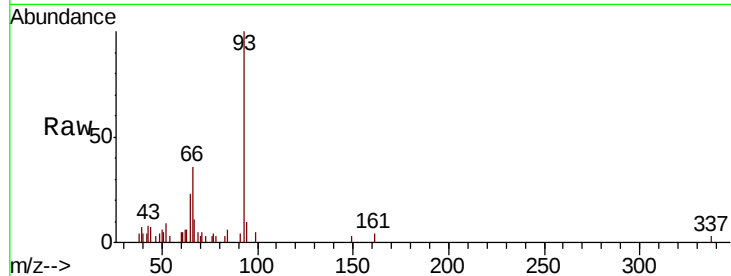
ClientSampleId :

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Tot Ion:	93	Resp:	11954
Ion	Ratio	Lower	Upper
93	100		
66	35.7	29.8	44.8
65	23.5	14.6	22.0

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#7

Phenol-d6

Concen: 152.885 ng

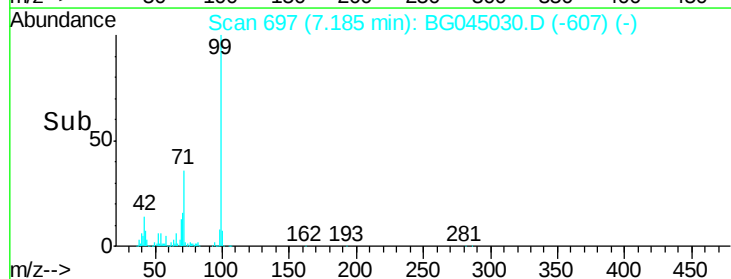
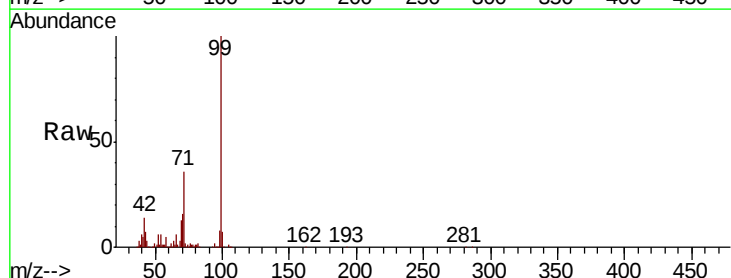
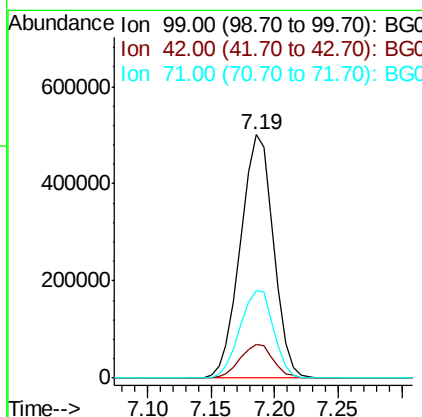
RT: 7.19 min Scan# 697

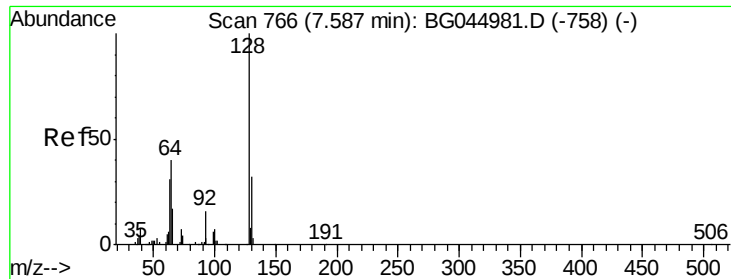
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	99	Resp:	908719
Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.3	16.9
71	36.2	28.3	42.5





#8

2-Chlorophenol

Concen: 60.693 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

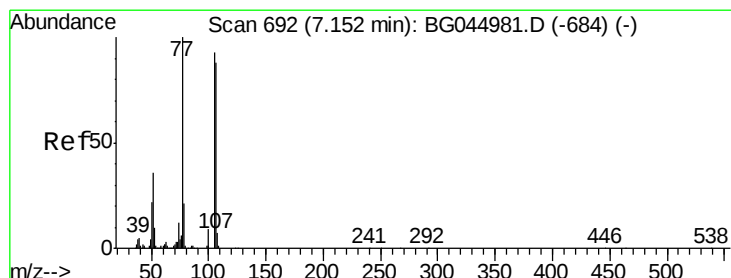
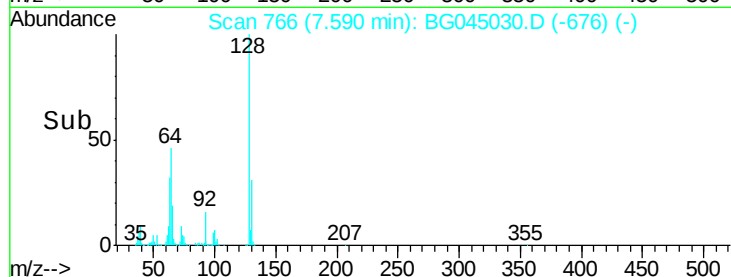
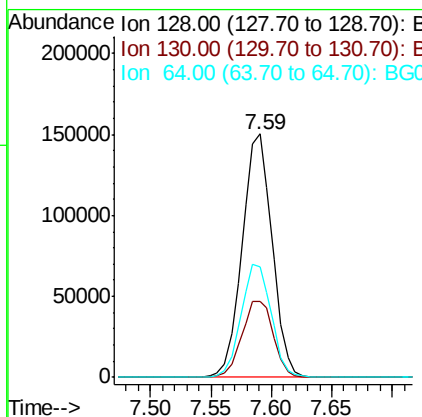
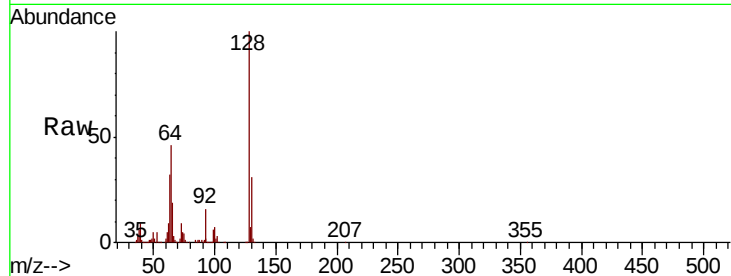
ClientSampleId :

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Tot Ion:	128	Resp:	260950
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.3	52.3
64	45.6	24.4	64.4

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#9

Benzaldehyde

Concen: 40.560 ng

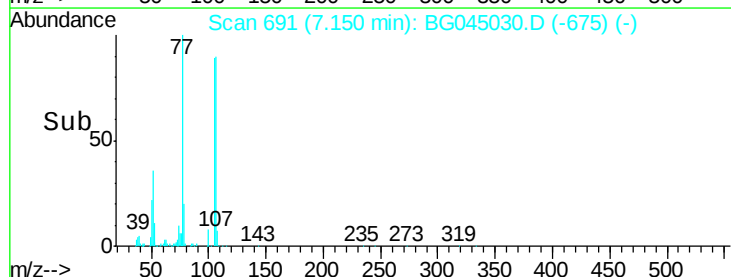
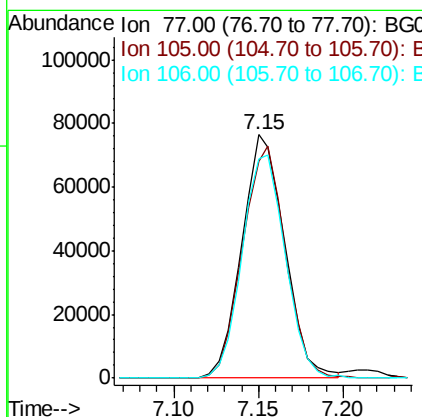
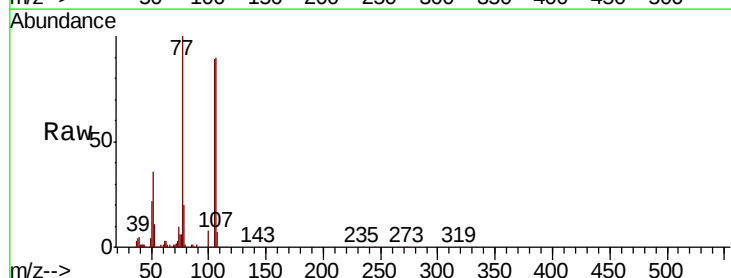
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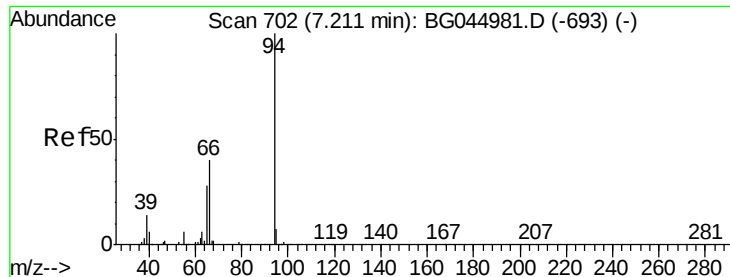
Delta R.T. -0.01 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	77	Resp:	135311
Ion Ratio	Lower	Upper	
77	100		
105	89.2	72.9	112.9
106	90.2	67.6	107.6





#10

Phenol

Concen: 56.605 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

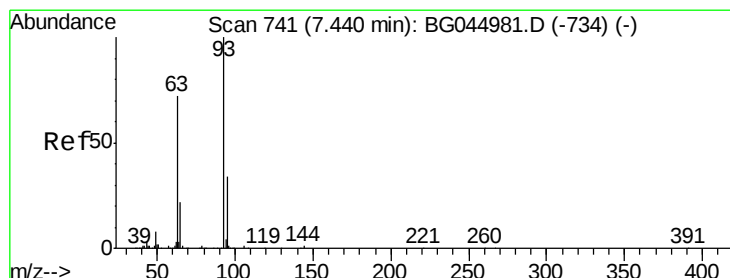
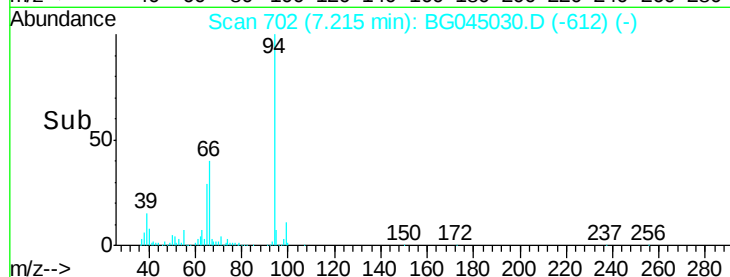
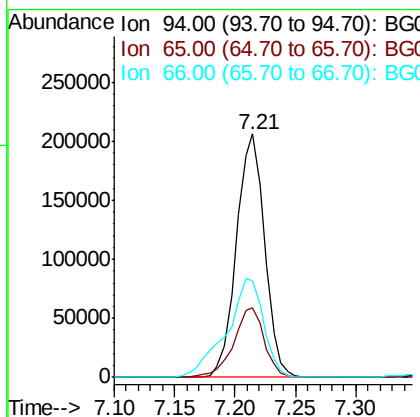
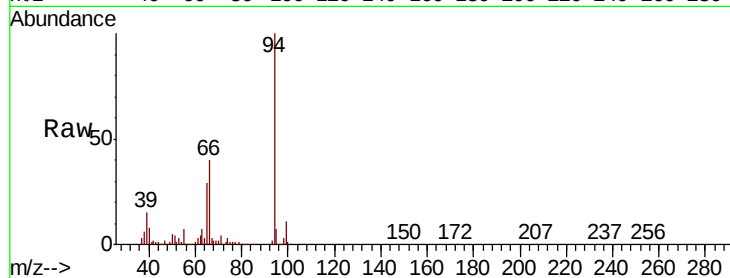
ClientSampleId :

TP-11-SAMS

Tot Ion:	94	Resp:	336678
Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.2	48.2
66	39.9	20.4	60.4

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#11

bis(2-Chloroethyl)ether

Concen: 51.151 ng

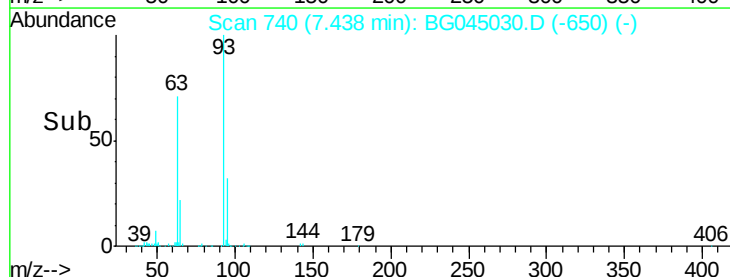
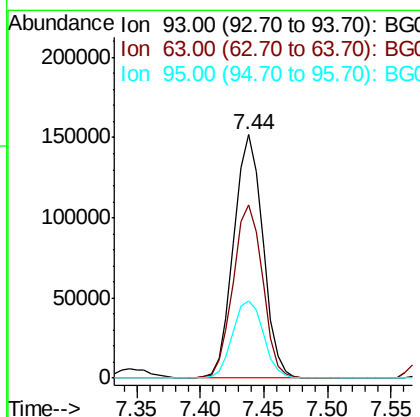
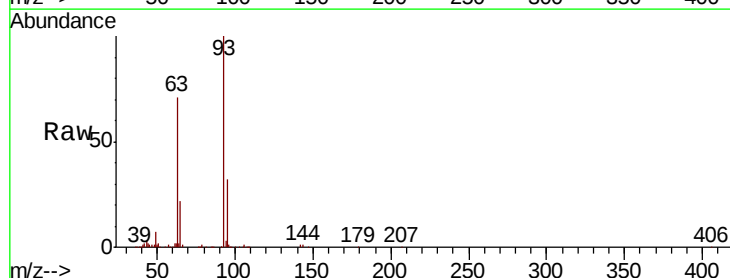
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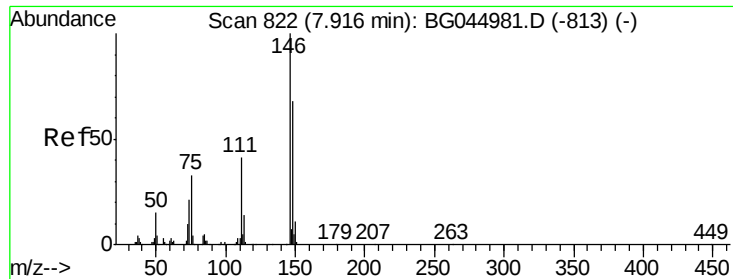
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	93	Resp:	242229
Ion	Ratio	Lower	Upper
93	100		
63	71.2	51.8	91.8
95	31.9	13.8	53.8





#12

1,3-Dichlorobenzene

Concen: 47.692 ng

RT: 7.91 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

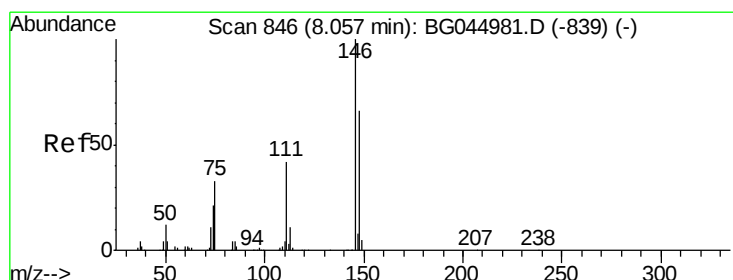
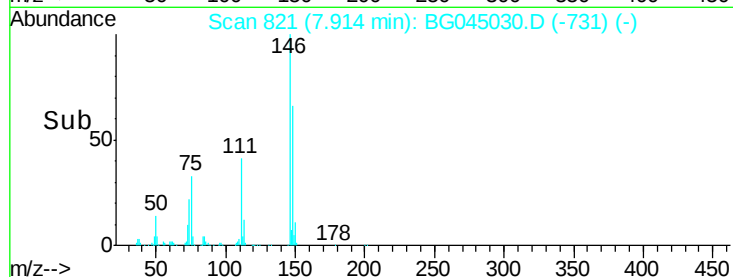
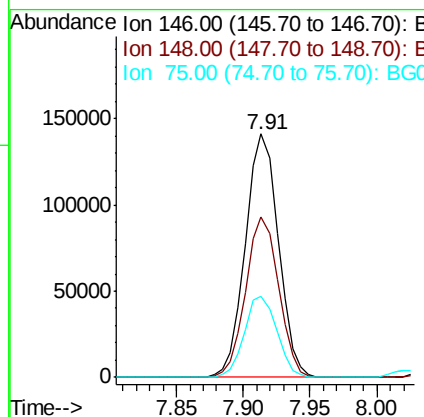
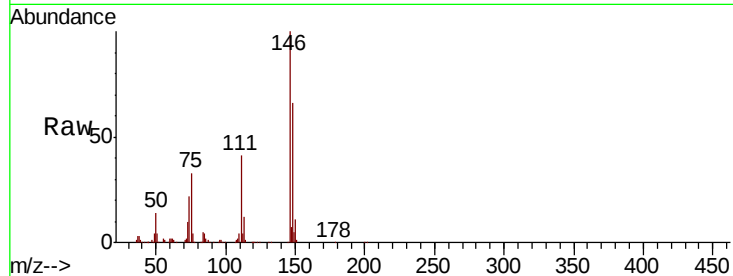
ClientSampleId :

TP-11-SAMS

Tot Ion:	146	Resp:	241629
Ion Ratio	Lower	Upper	
146	100		
148	65.6	54.6	81.8
75	33.4	26.0	39.0

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#13

1,4-Dichlorobenzene

Concen: 47.959 ng

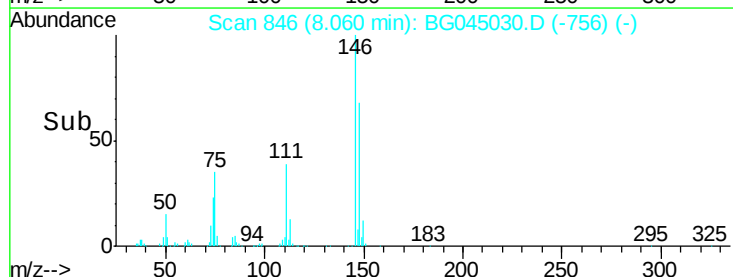
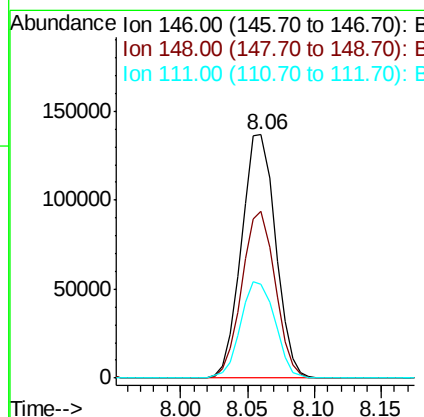
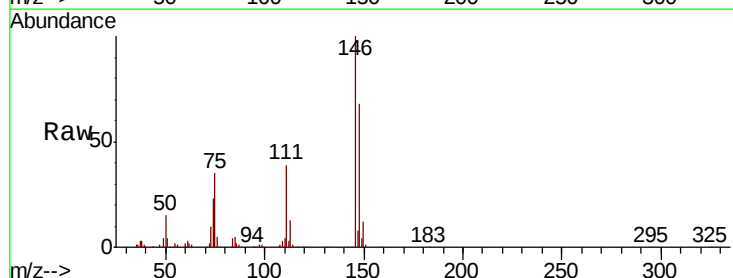
RT: 8.06 min Scan# 846

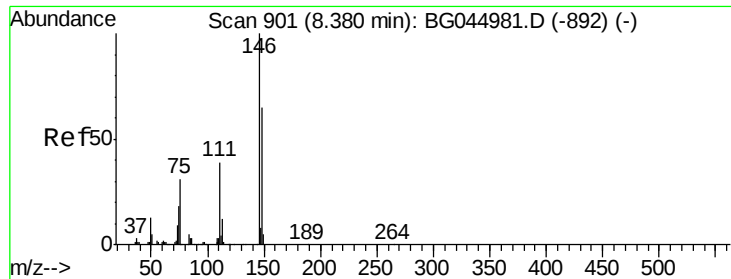
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	146	Resp:	242115
Ion Ratio	Lower	Upper	
146	100		
148	68.3	53.3	79.9
111	38.6	33.8	50.8





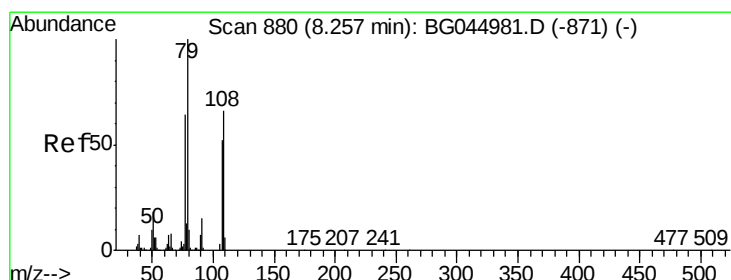
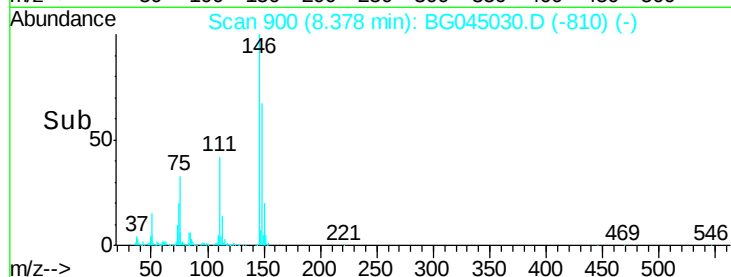
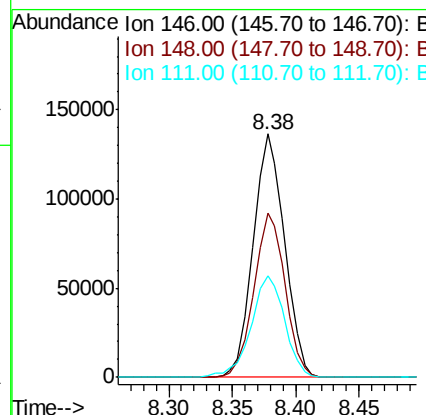
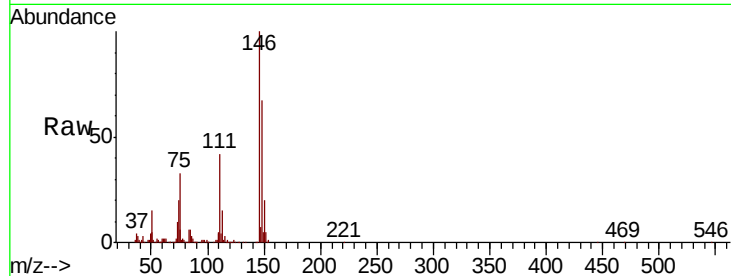
#14
 1,2-Dichlorobenzene
 Concen: 48.630 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.9	77.9
111	41.5	31.3	46.9

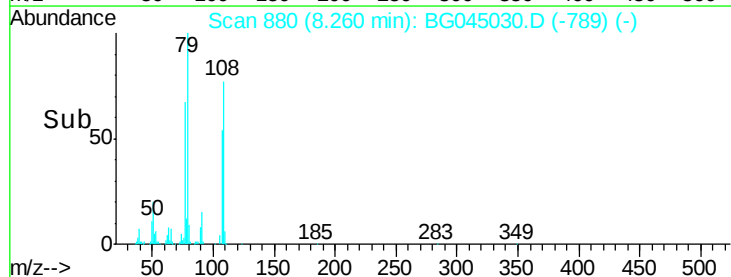
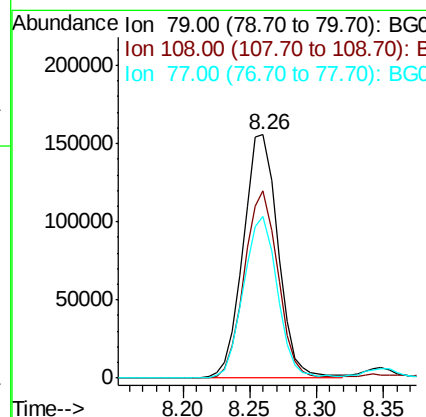
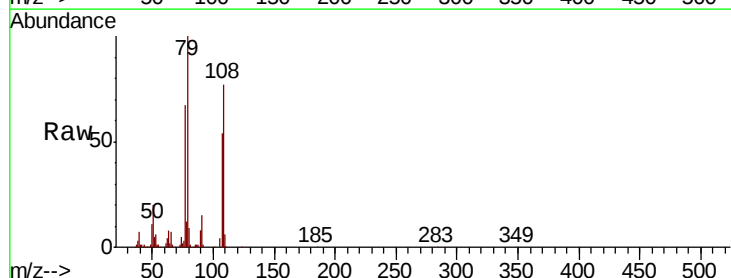
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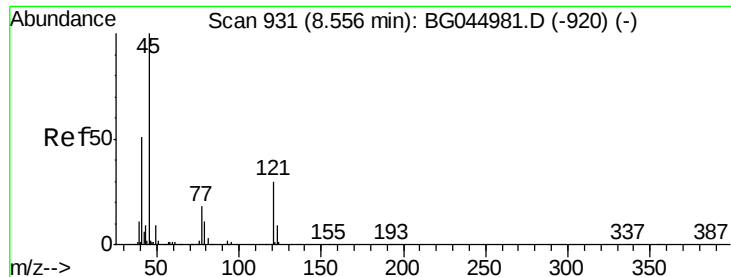
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#15
 Benzyl Alcohol
 Concen: 56.577 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.0	52.7	79.1
77	66.6	51.3	76.9





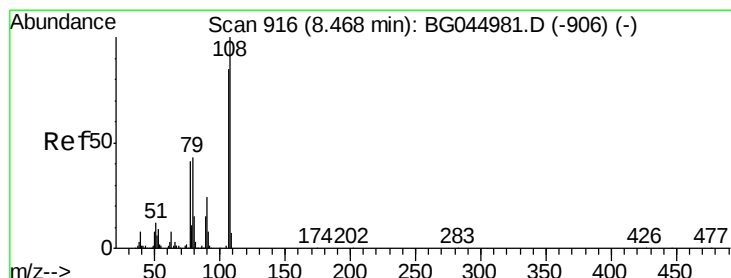
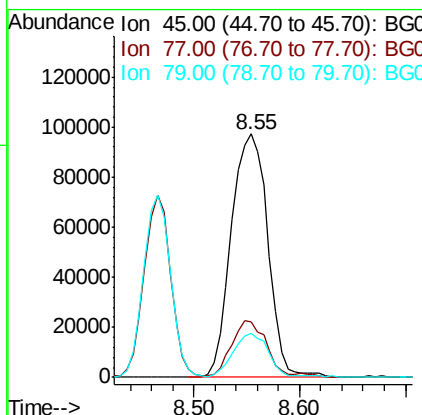
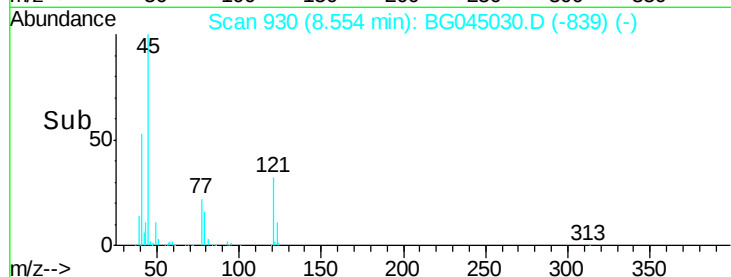
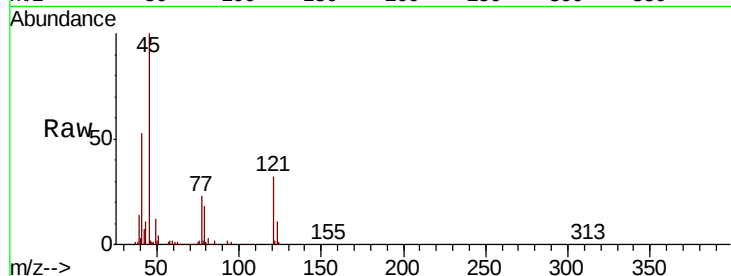
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 50.219 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	233446		
77	22.8		1.9	41.9
79	17.8		0.0	35.5

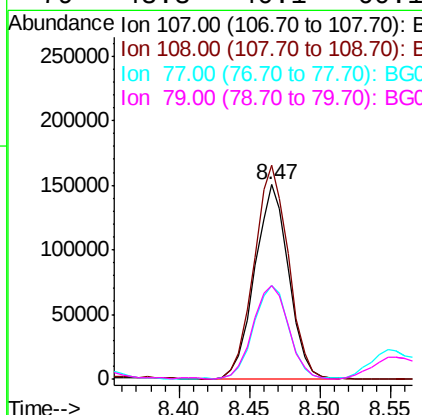
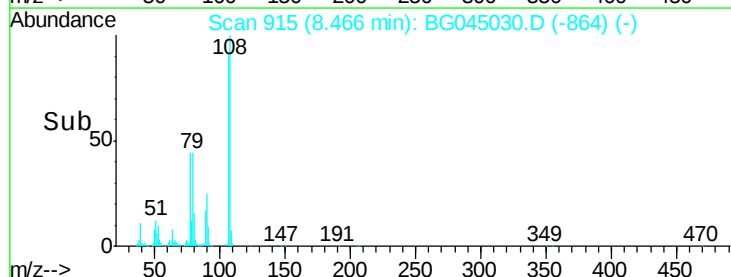
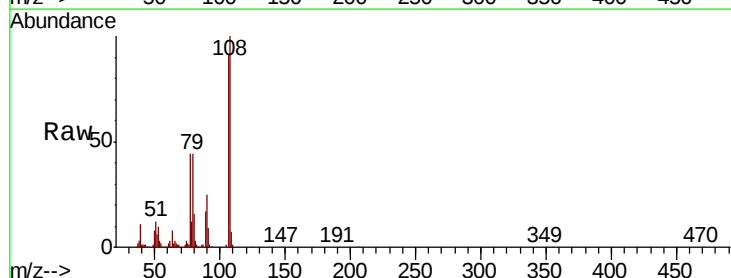
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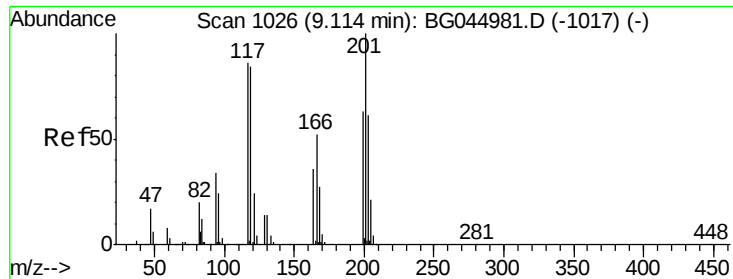
mohammad
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#17
2-Methylphenol
Concen: 55.199 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	253312		
108	109.9		93.8	140.6
77	48.3		38.5	57.7
79	48.3		40.1	60.1





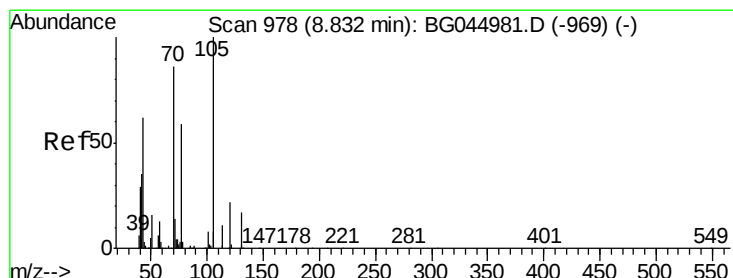
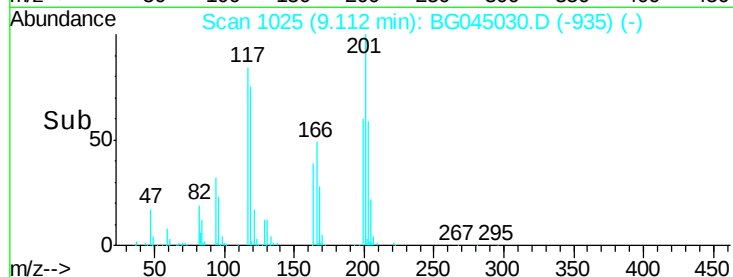
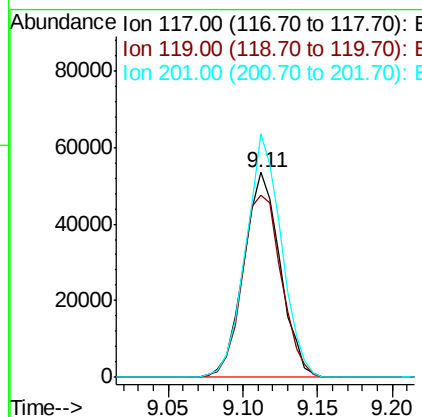
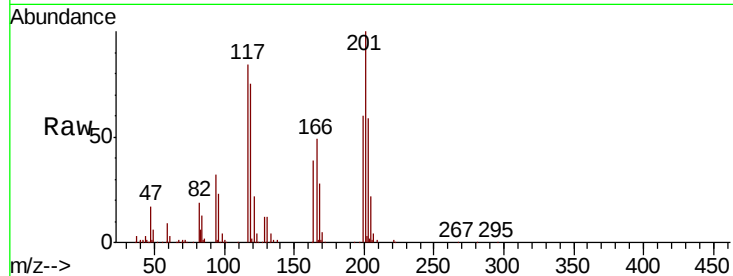
#18
Hexachloroethane
Concen: 47.751 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.2	78.3	117.5
201	119.0	92.9	139.3

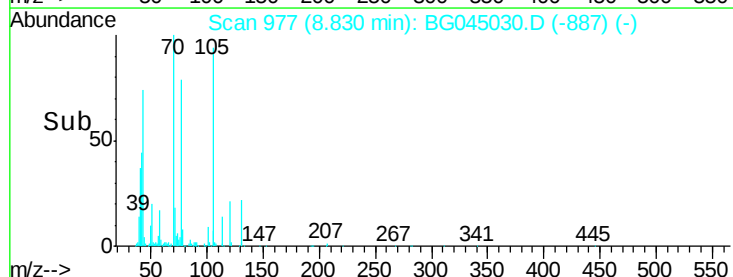
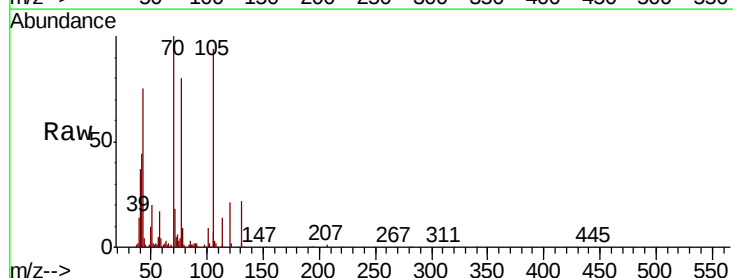
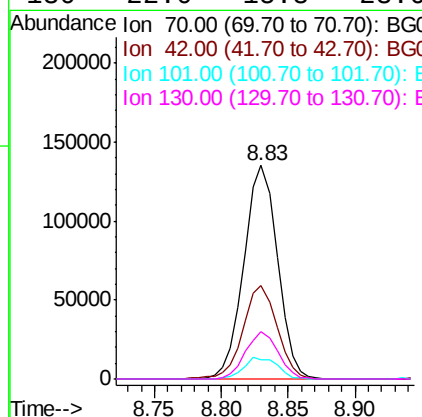
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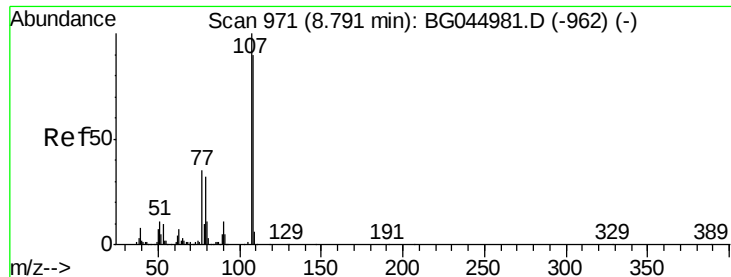
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#19
n-Nitroso-di-n-propylamine
Concen: 56.070 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.3	49.9
101	9.0	7.8	11.8
130	22.0	15.8	23.6





#20

3+4-Methylphenols

Concen: 55.962 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

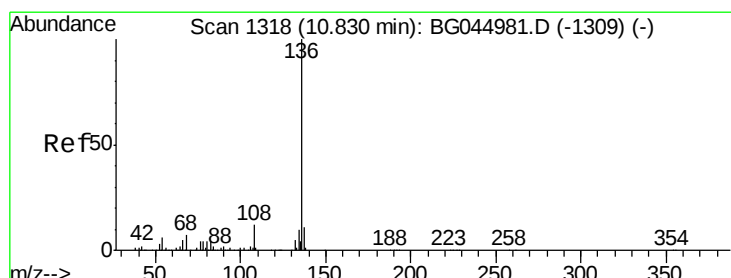
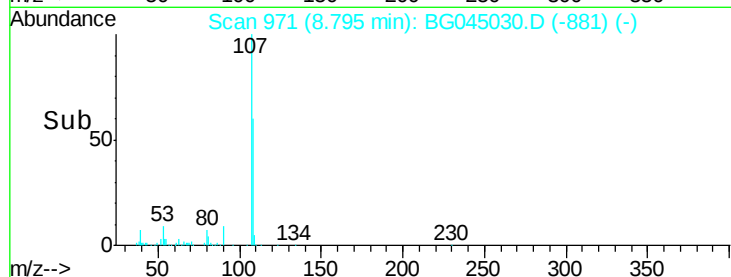
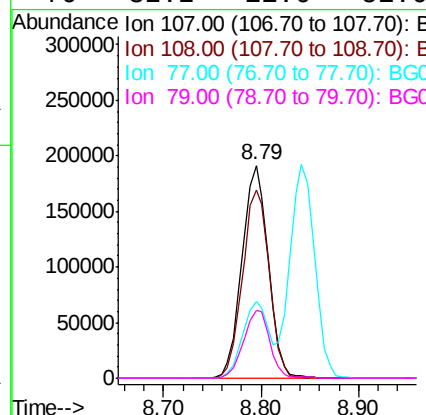
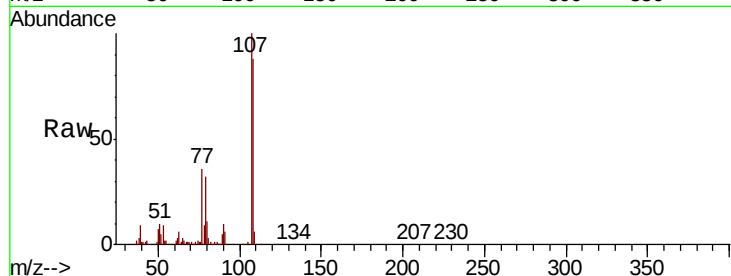
ClientSampleId :

TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.4	69.9	109.9	
77	36.5	15.2	55.2	
79	32.2	11.6	51.6	

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#21

Naphthalene-d8

Concen: 20.000 ng

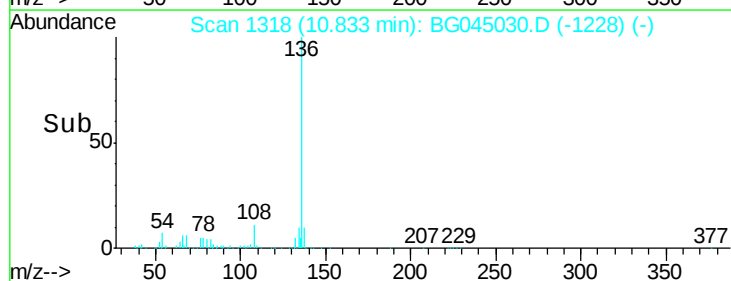
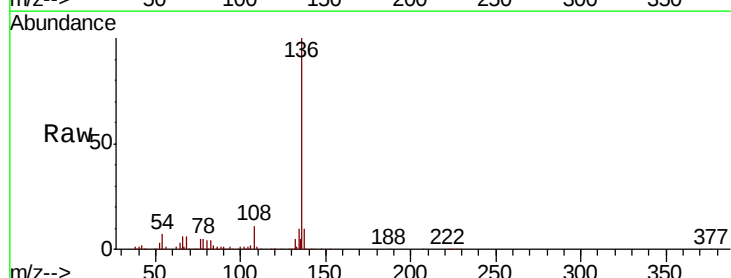
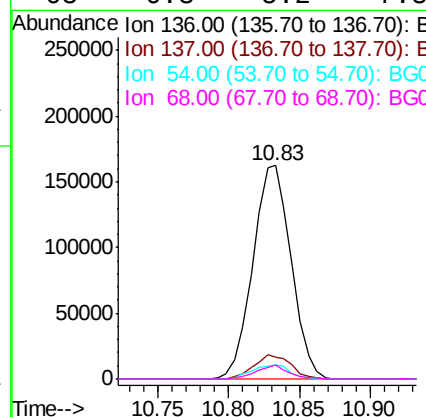
RT: 10.83 min Scan# 1318

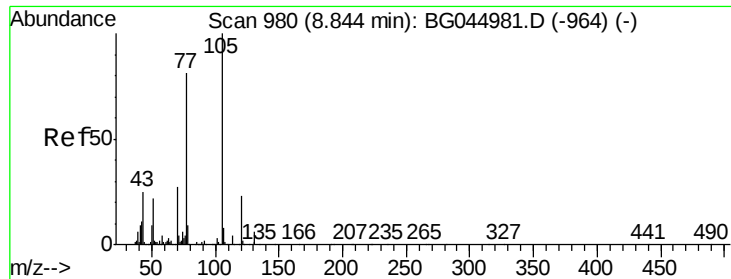
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.6	13.0	
54	6.8	4.8	7.2	
68	6.3	5.2	7.8	





#22

Acetophenone

Concen: 50.363 ng

RT: 8.84 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

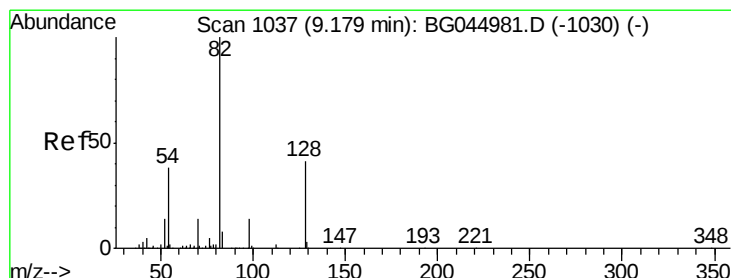
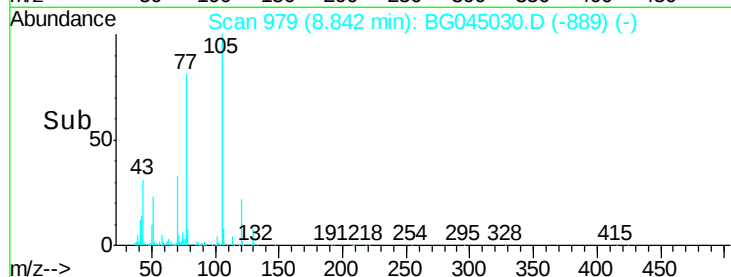
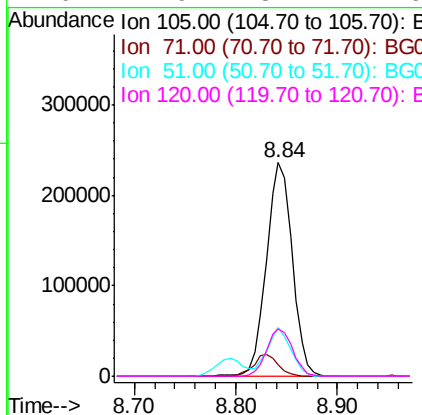
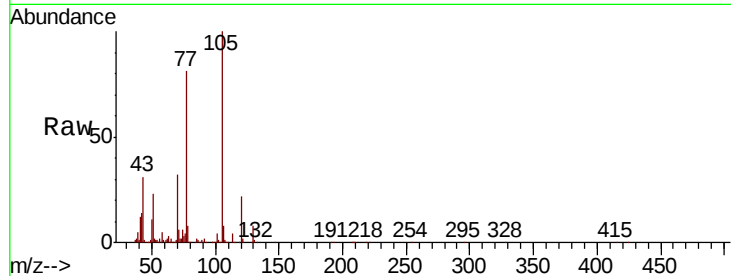
ClientSampleId :

TP-11-SAMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
419282	105	100			
	71	5.5	3.3	4.9	#
	51	22.9	17.3	25.9	
	120	21.9	18.4	27.6	

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#23

Nitrobenzene-d5

Concen: 92.741 ng

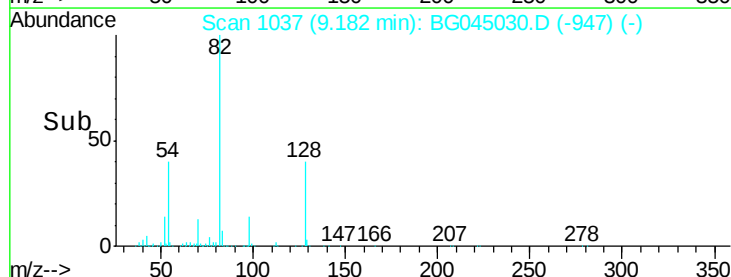
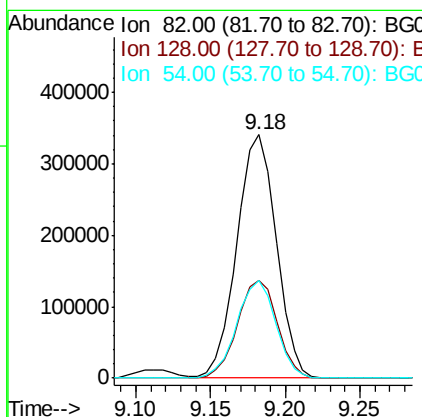
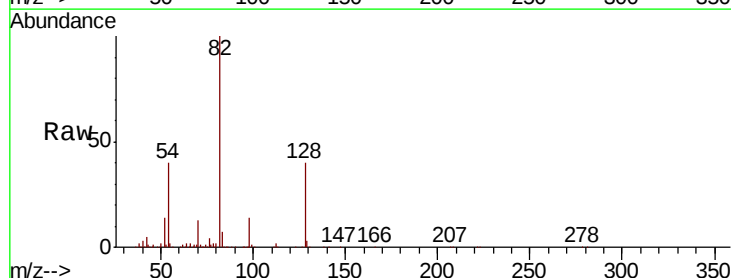
RT: 9.18 min Scan# 1037

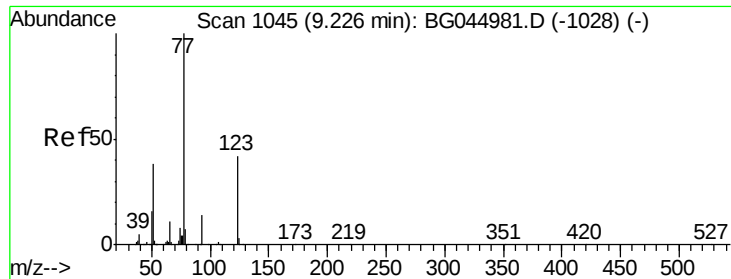
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
625721	82	100			
	128	40.2	33.0	49.4	
	54	40.0	30.4	45.6	





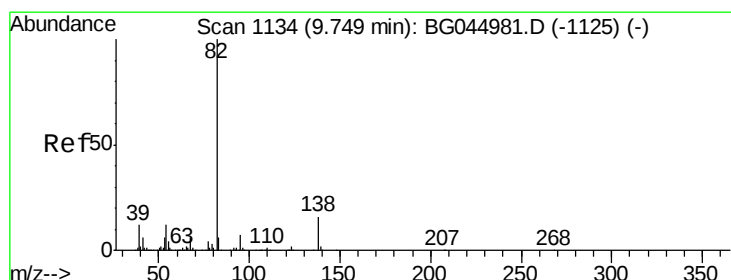
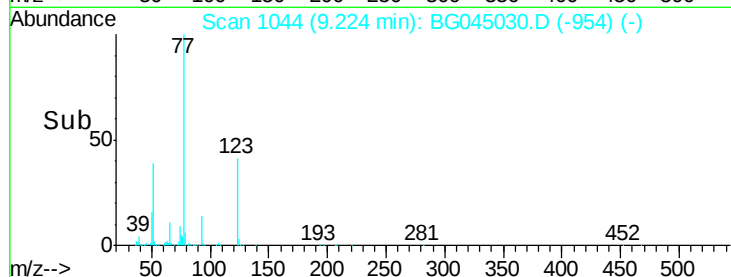
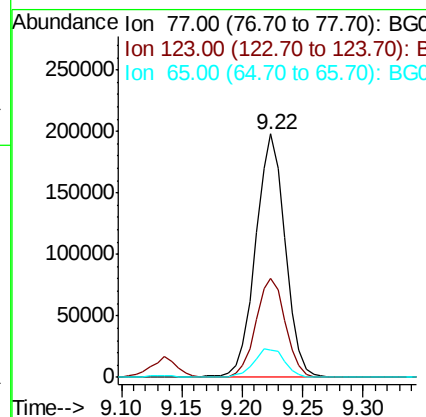
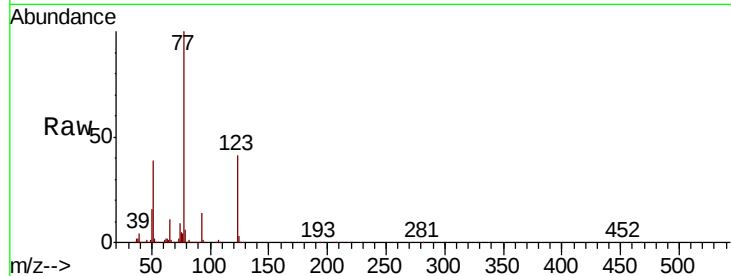
#24
 Nitrobenzene
 Concen: 48.856 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	11.5	8.9	13.3

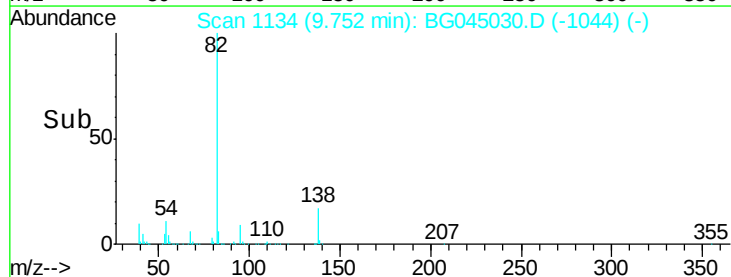
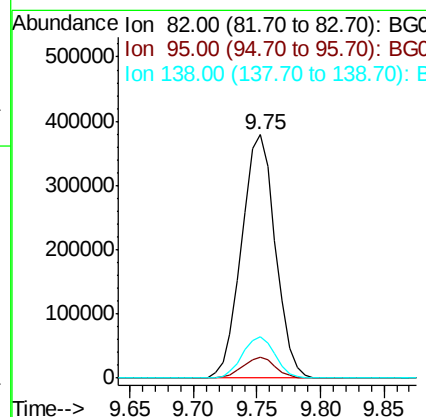
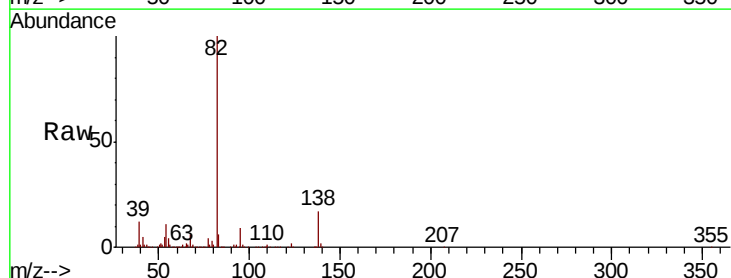
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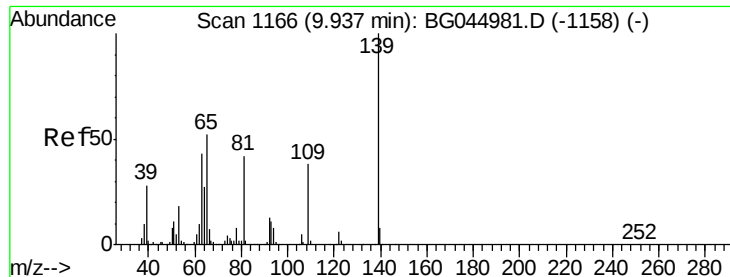
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#25
 Isophorone
 Concen: 50.659 ng
 RT: 9.75 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.0	9.0
138	17.1	12.7	19.1





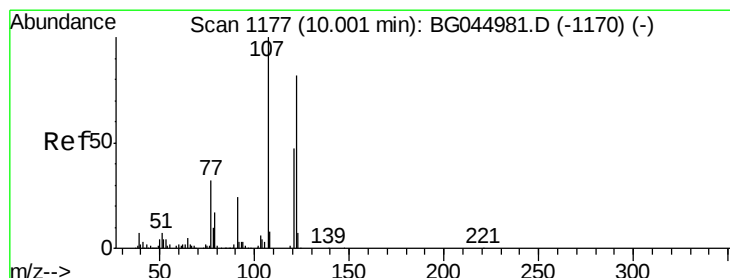
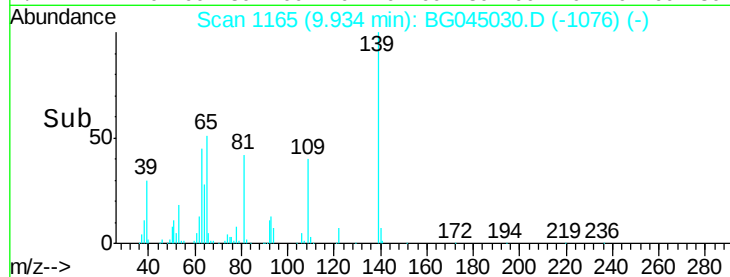
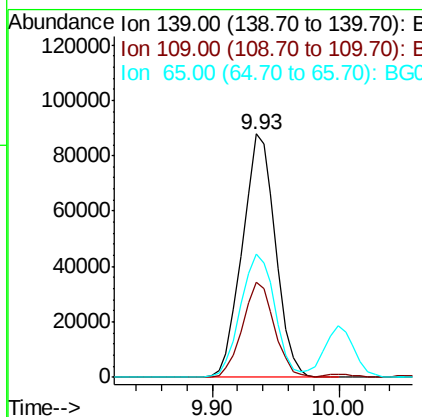
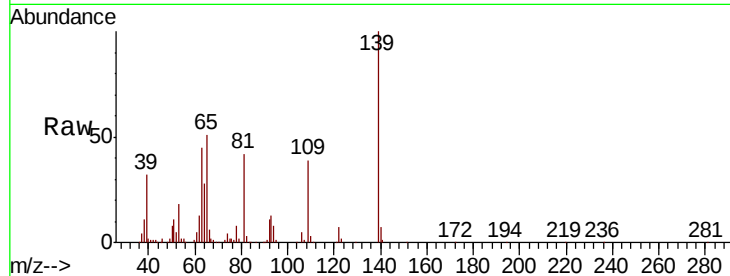
#26
2-Nitrophenol
Concen: 53.531 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	159469		
109	39.3	30.6	45.8	
65	50.9	41.8	62.6	

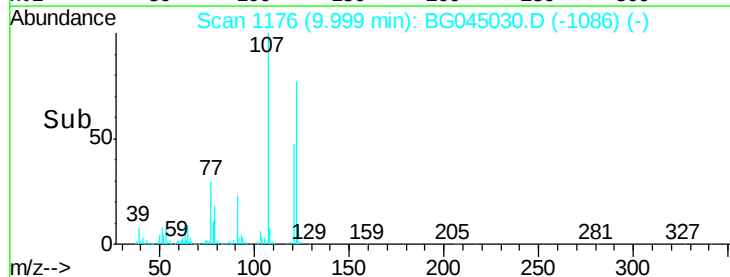
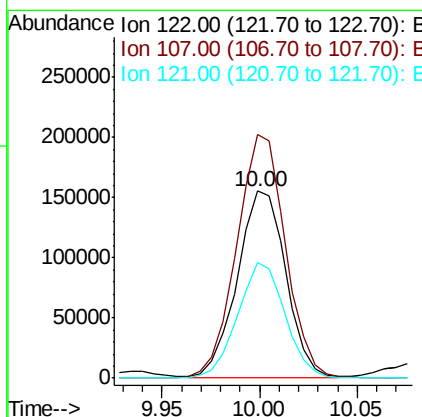
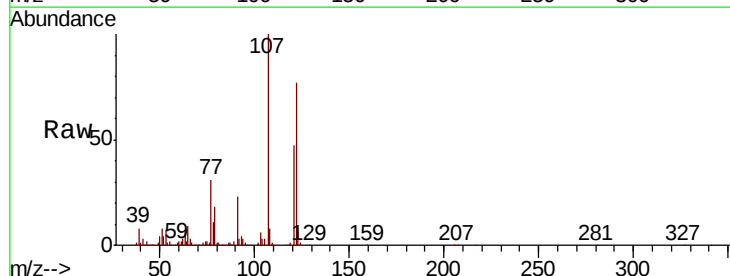
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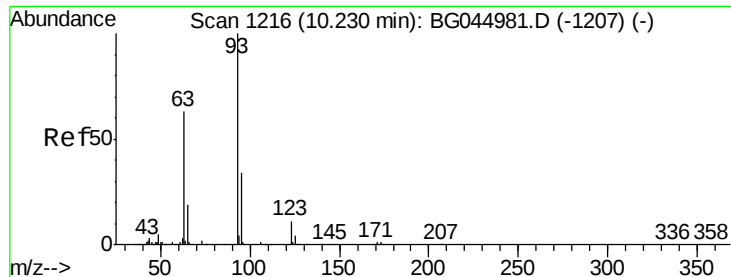
mohammad
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#27
2,4-Dimethylphenol
Concen: 56.244 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	265858		
107	130.2	96.8	145.2	
121	61.8	45.6	68.4	





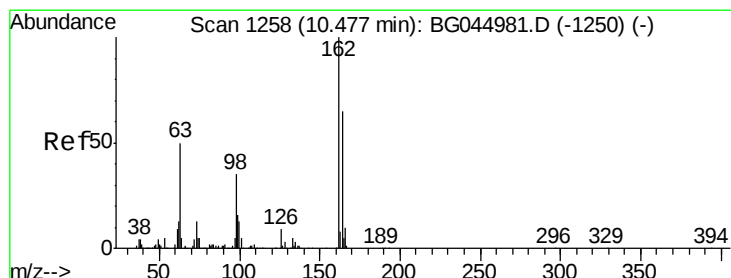
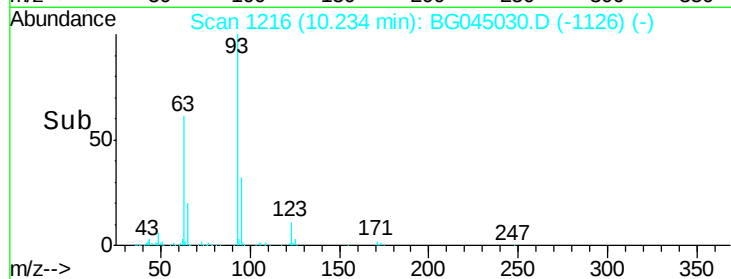
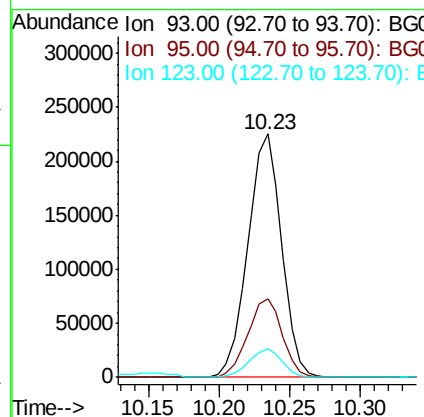
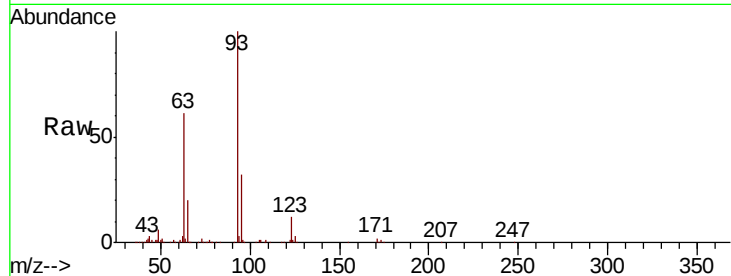
#28
bis(2-Chloroethoxy)methane
Concen: 51.781 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.3	27.0	40.4	
123	11.5	8.7	13.1	

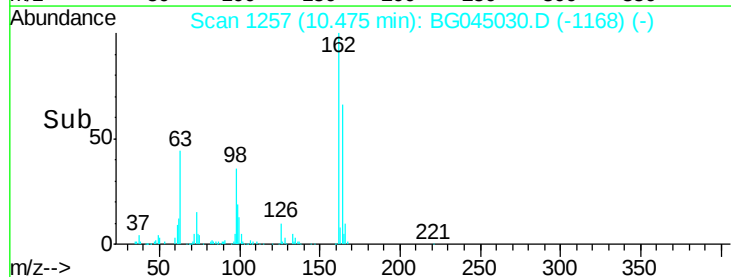
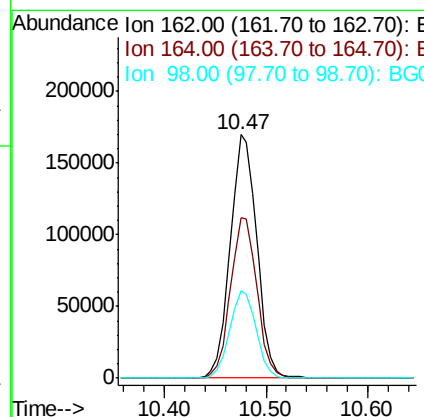
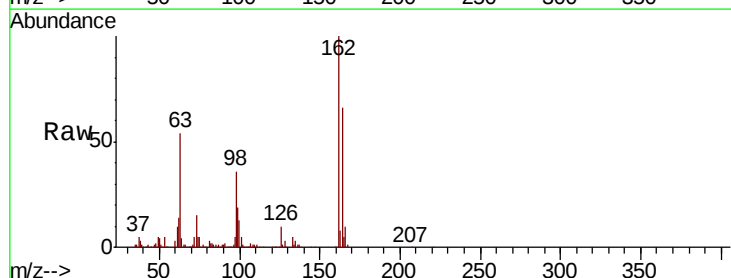
Manual Integrations
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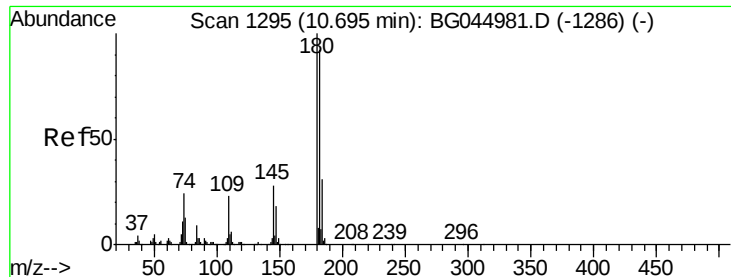
mohammad
4/20/2020 2:27:59 PM



#29
2,4-Dichlorophenol
Concen: 56.397 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.6	45.0	85.0	
98	35.9	15.2	55.2	





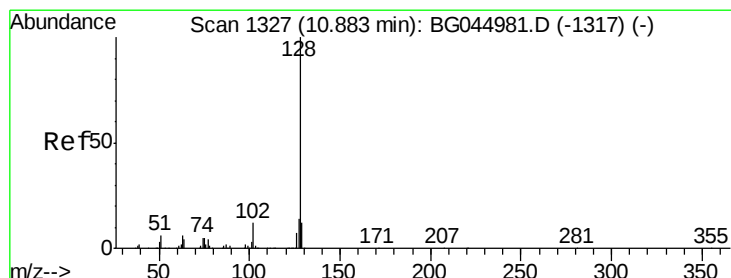
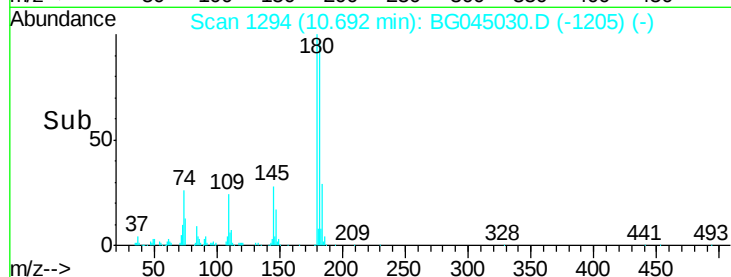
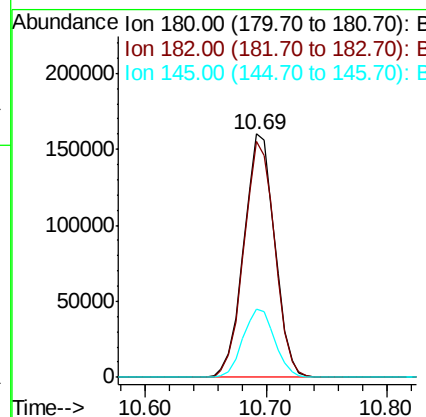
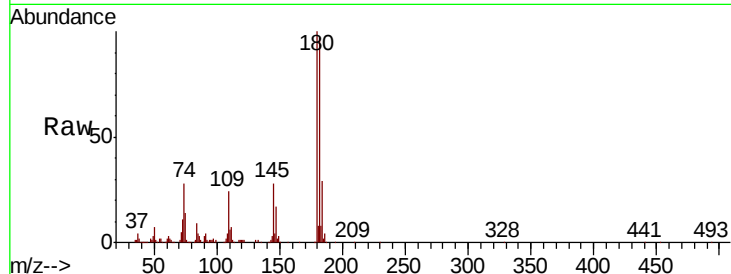
#30
1,2,4-Trichlorobenzene
Concen: 46.418 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	73.3	109.9
145	28.3	22.6	33.8

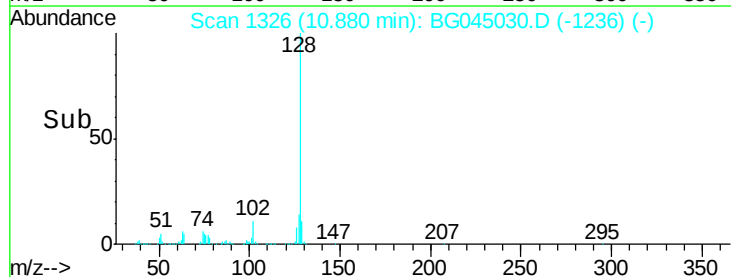
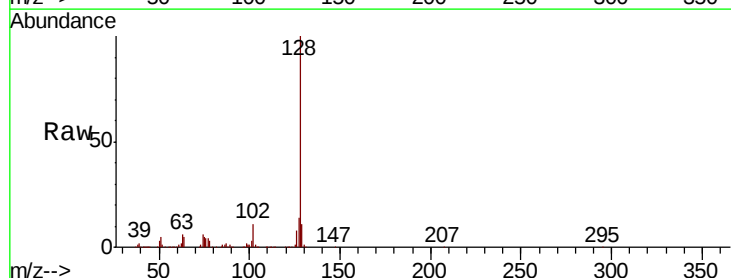
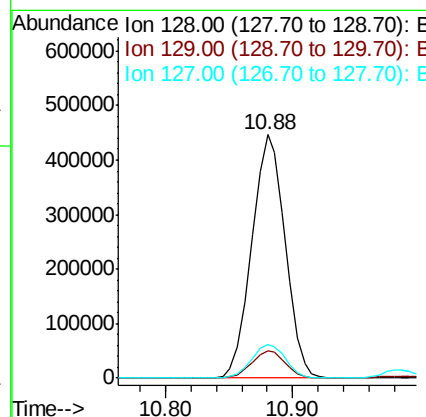
Manual Integrations
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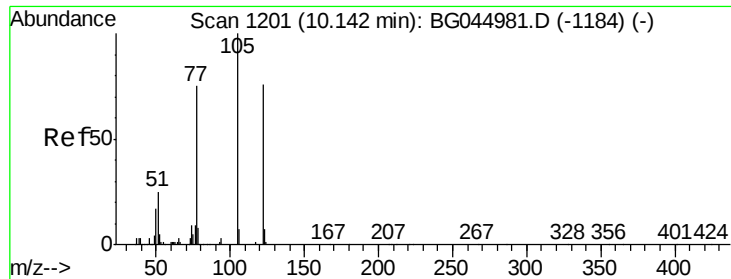
mohammad
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#31
Naphthalene
Concen: 48.409 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.1	10.8	16.2





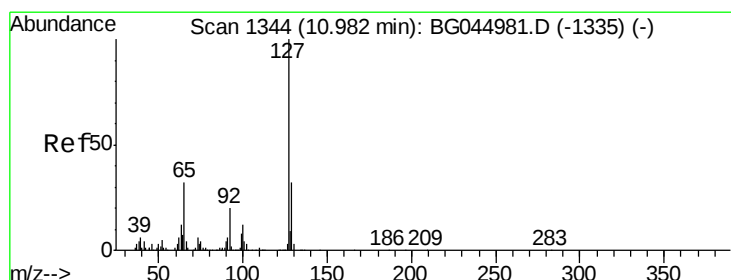
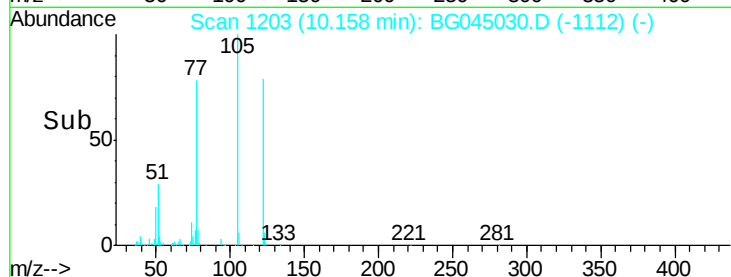
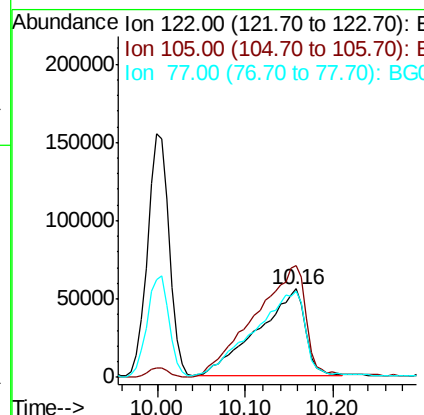
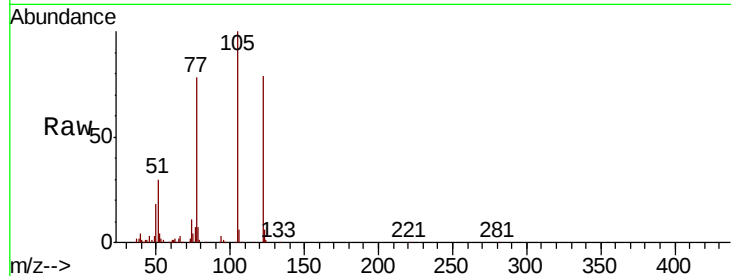
#32
Benzoic acid
Concen: 53.521 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
122	100		
105	126.8	108.4	148.4
77	98.4	78.8	118.8

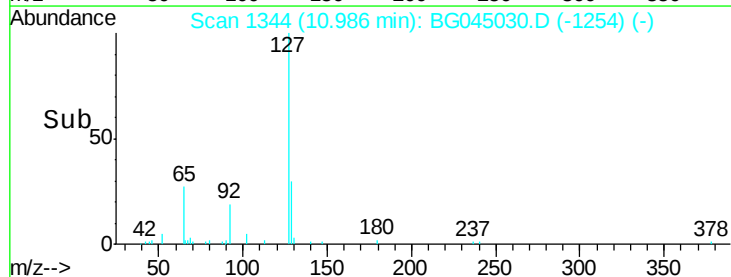
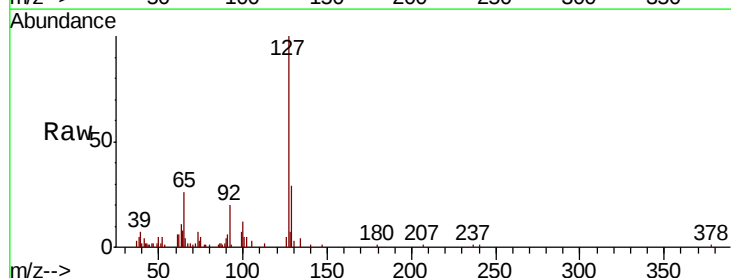
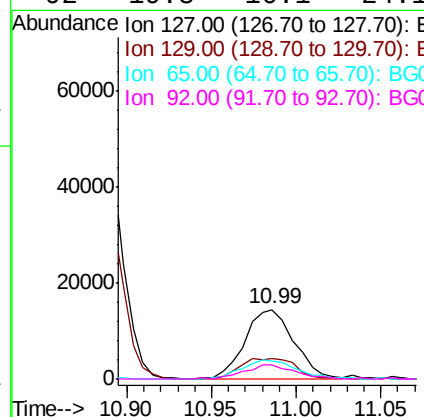
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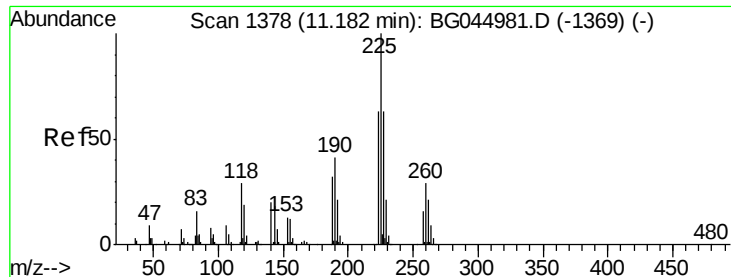
mohammad
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#33
4-Chloroaniline
Concen: 3.693 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.7	38.5
65	26.0	25.4	38.2
92	19.8	16.1	24.1





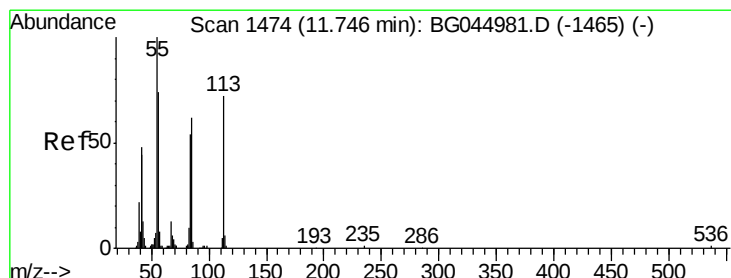
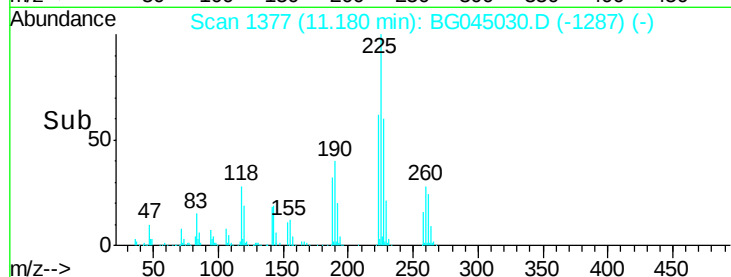
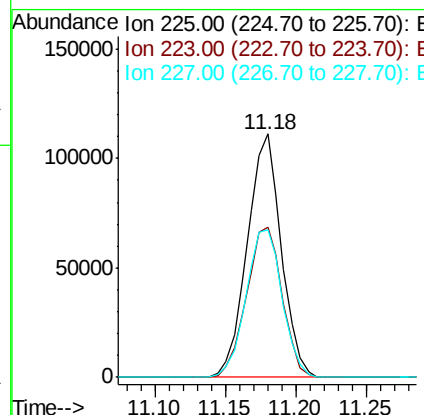
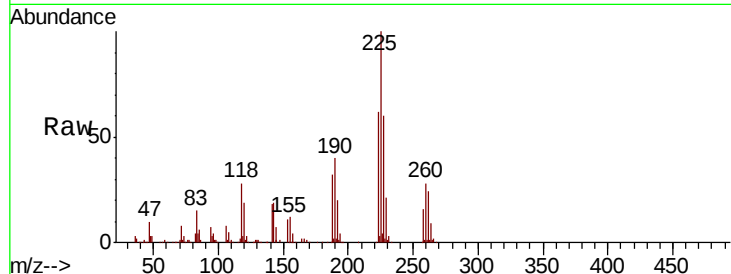
#34
Hexachlorobutadiene
Concen: 44.179 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	60.4	50.2	75.2

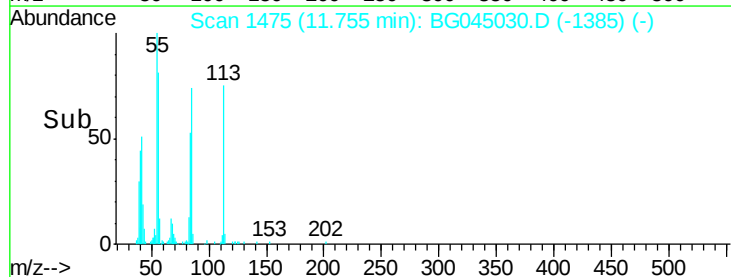
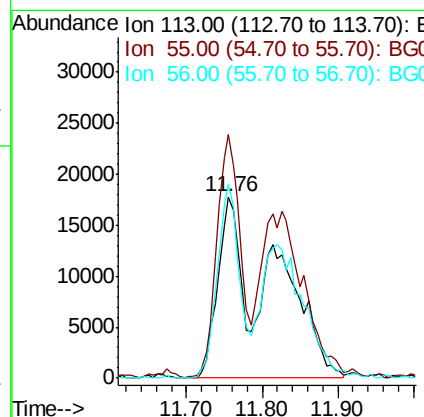
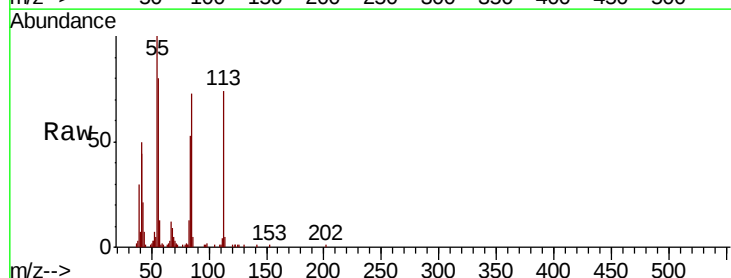
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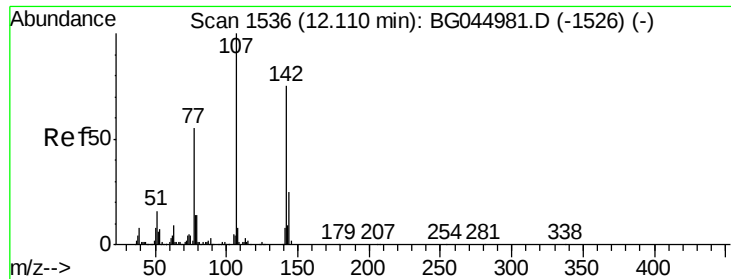
mohammad
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#35
Caprolactam
Concen: 39.439 ng m
RT: 11.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
113	100		
55	134.3	118.8	158.8
56	107.1	82.6	122.6





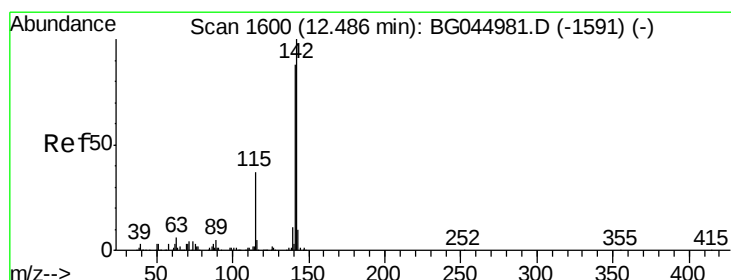
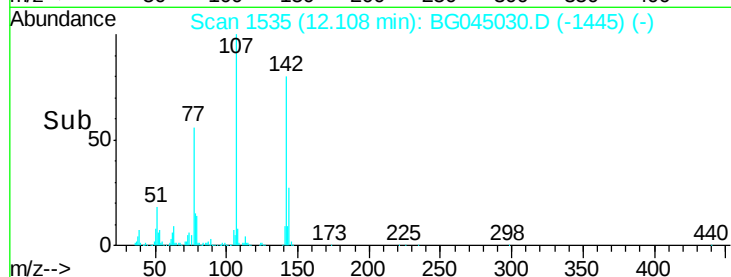
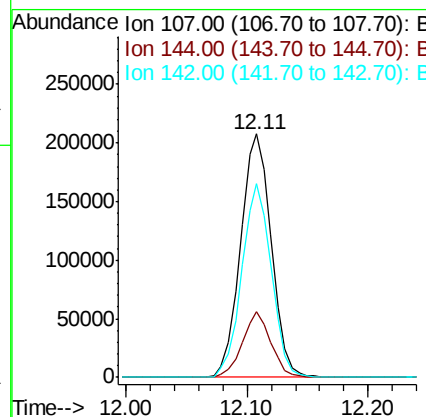
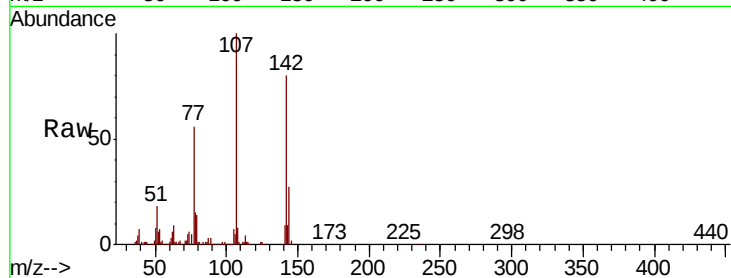
#36
 4-Chloro-3-methylphenol
 Concen: 57.250 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	19.8	29.6
142	79.5	59.7	89.5

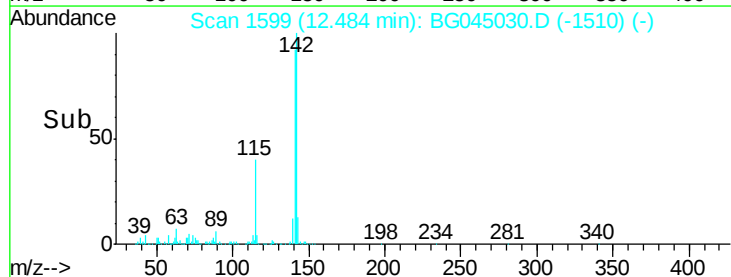
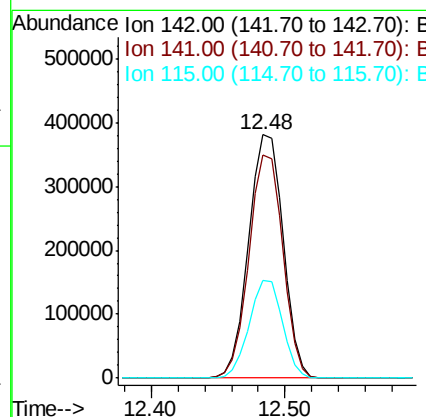
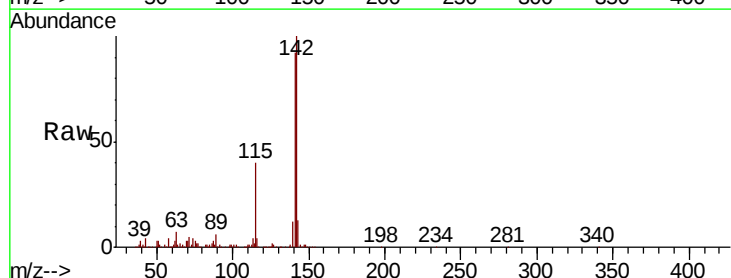
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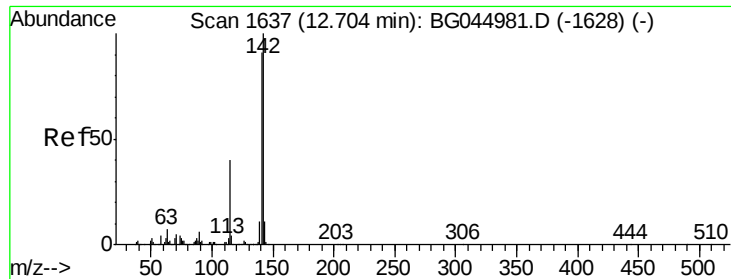
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#37
 2-Methylnaphthalene
 Concen: 51.947 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.3	105.5
115	39.9	29.8	44.6





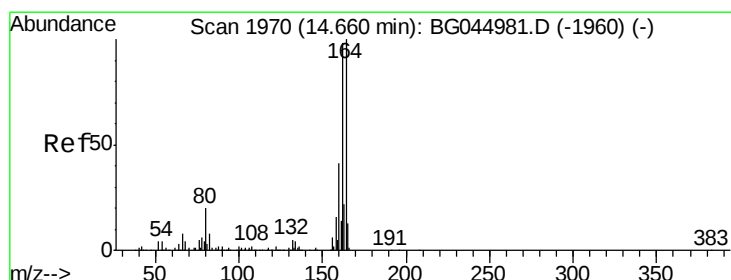
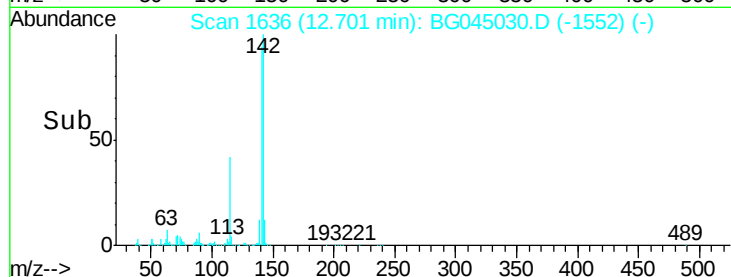
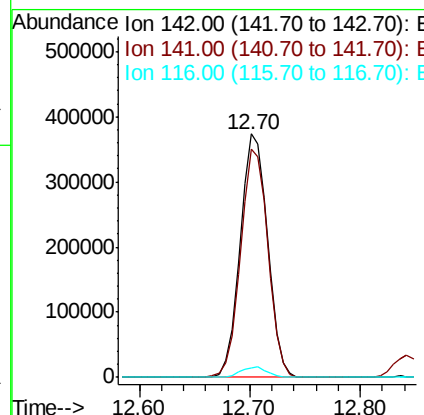
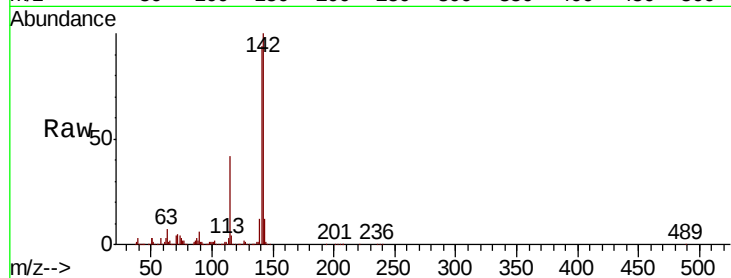
#38
 1-Methylnaphthalene
 Concen: 52.740 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.7	109.1
116	3.9	3.1	4.7

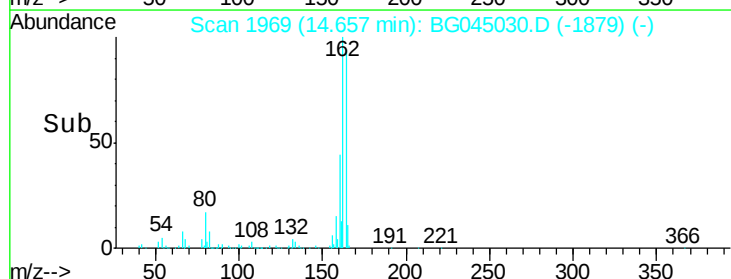
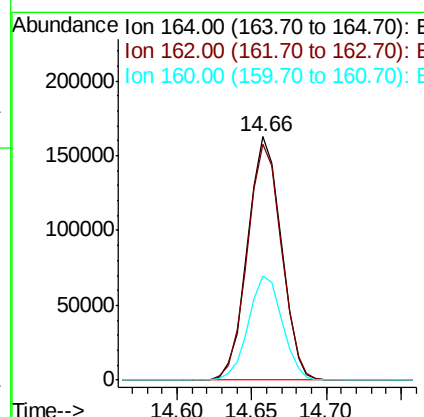
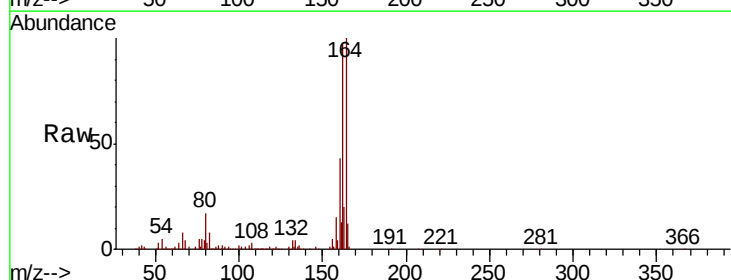
Manual Integrations
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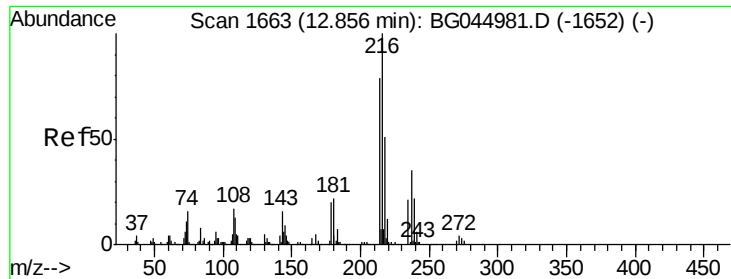
mohammad
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.7	118.1
160	42.9	32.8	49.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.591 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

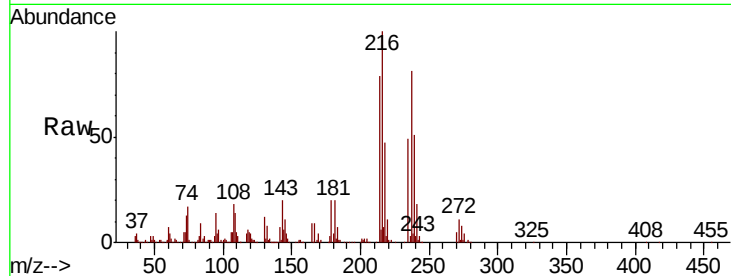
ClientSampleId :

TP-11-SAMS

Tot Ion:	216	Resp:	364248
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.6
179	19.6	15.8	23.8
108	19.5	14.2	21.2

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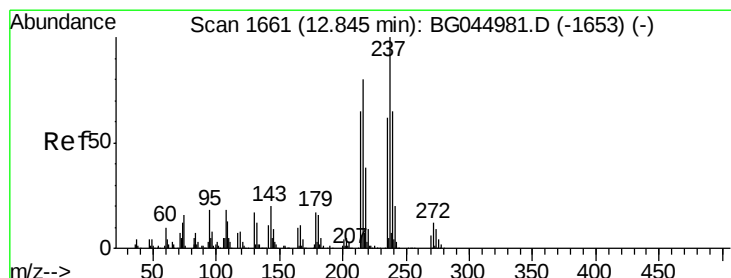
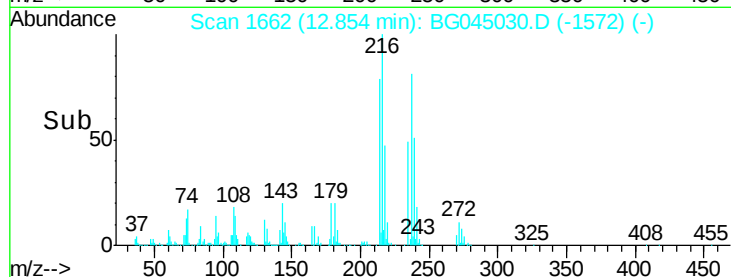
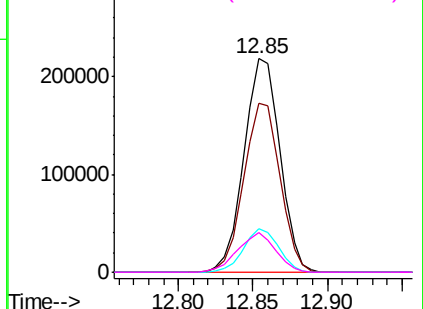


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 98.648 ng

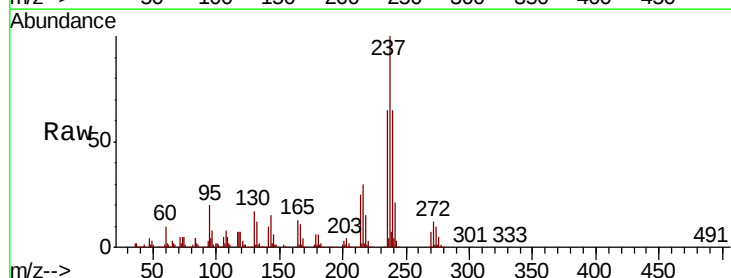
RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

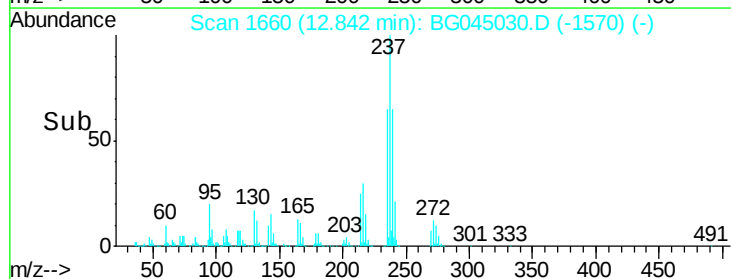
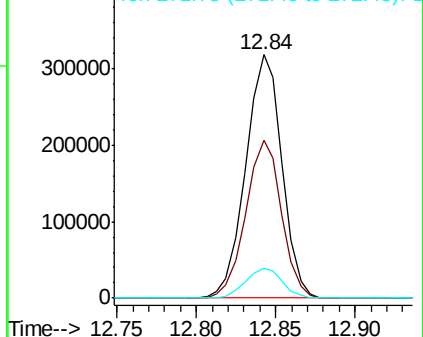
Tgt Ion:	237	Resp:	503652
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.6	81.6
272	12.4	0.0	32.1

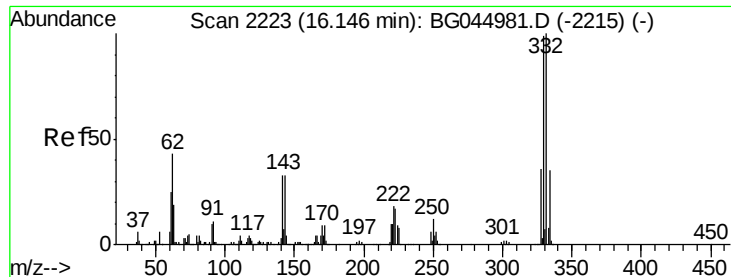


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





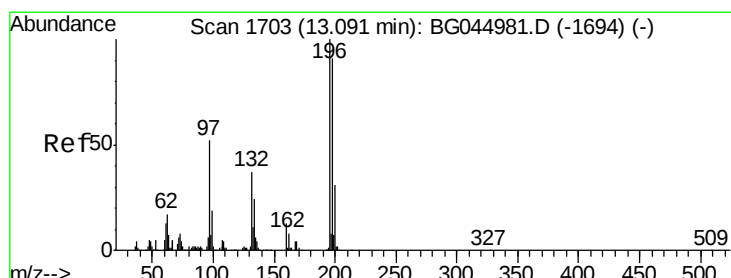
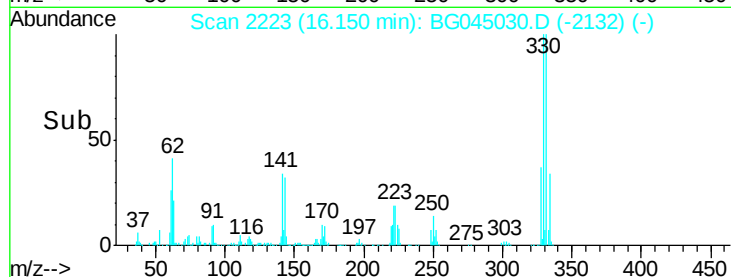
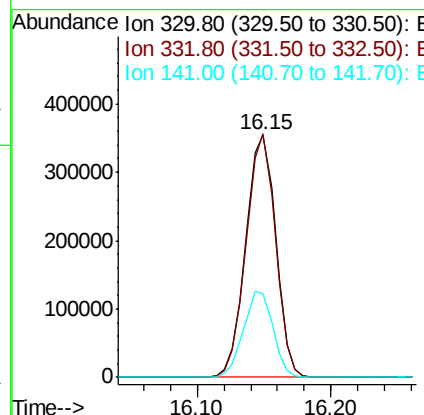
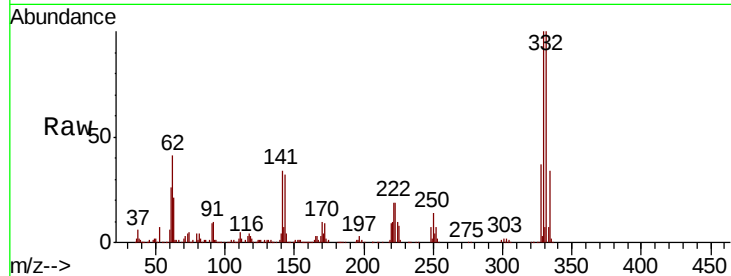
#42
 2,4,6-Tribromophenol
 Concen: 140.398 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	79.1	118.7	
141	35.1	27.1	40.7	

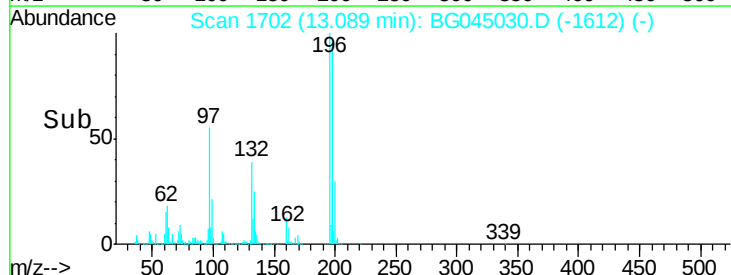
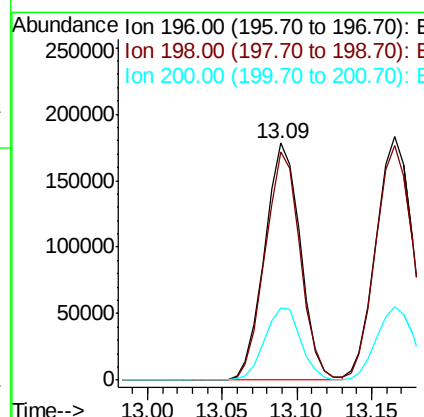
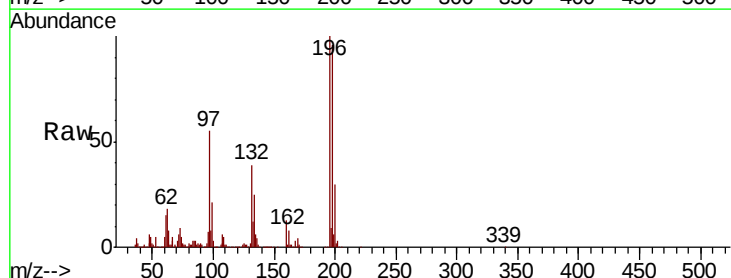
Manual Integrations
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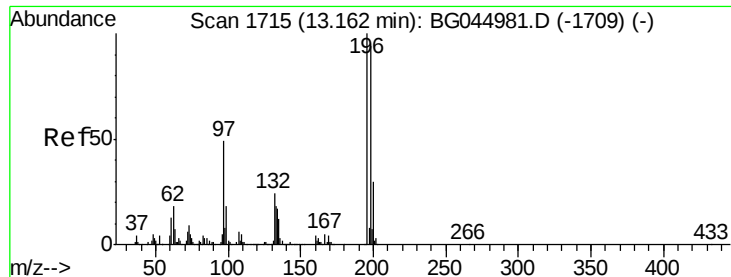
mohammad
 4/20/2020 2:27:59 PM



#43
 2,4,6-Trichlorophenol
 Concen: 51.217 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.4	72.5	108.7	
200	30.4	24.5	36.7	





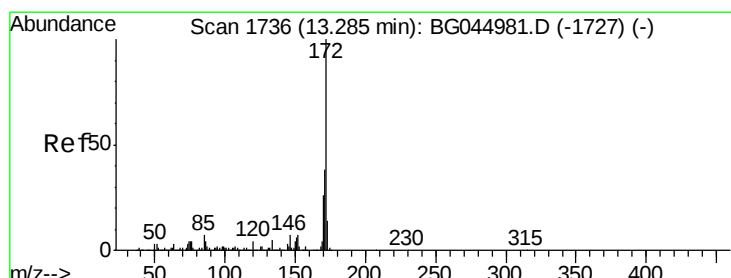
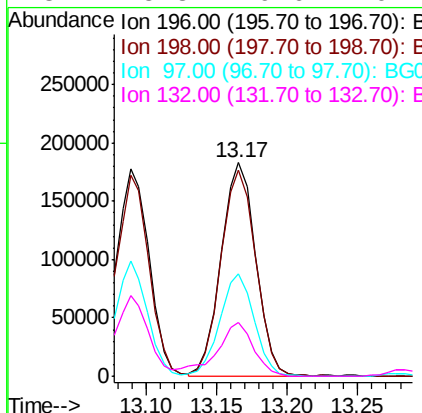
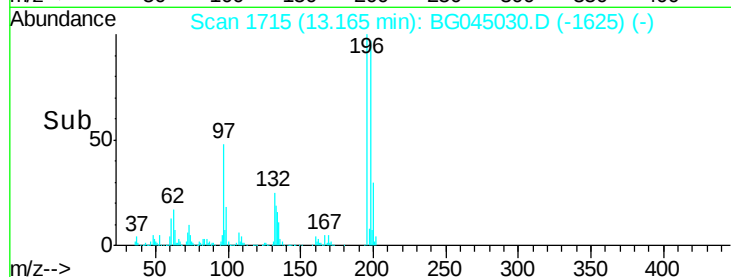
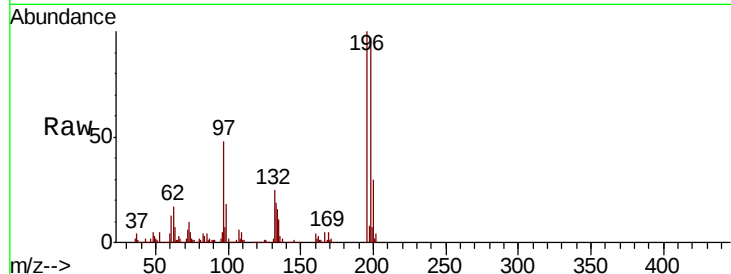
#44
 2,4,5-Trichlorophenol
 Concen: 47.485 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	311613		
198	96.6	75.7	113.5	
97	47.8	39.6	59.4	
132	25.3	19.6	29.4	

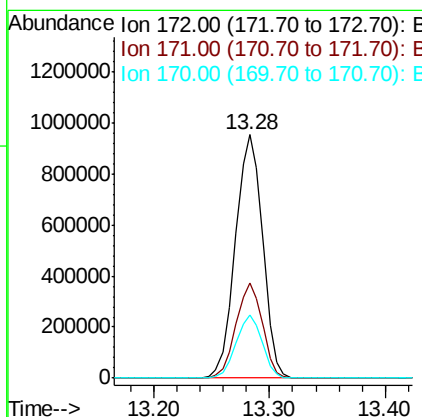
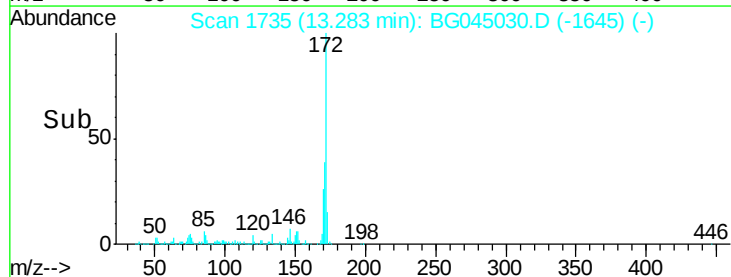
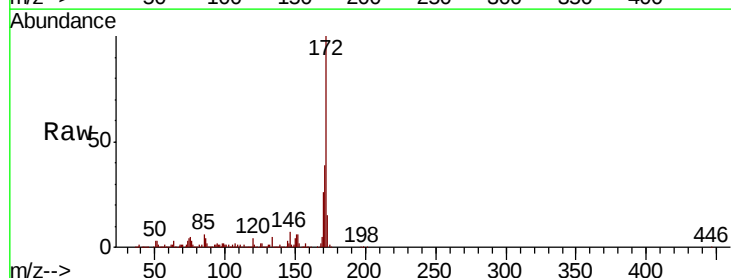
Manual Integrations
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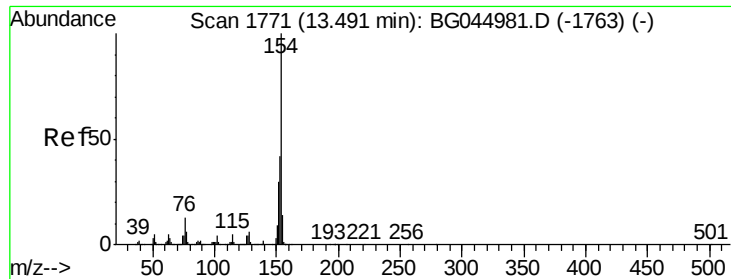
mohammad
 4/20/2020 2:27:59 PM



#45
 2-Fluorobiphenyl
 Concen: 89.642 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1551020		
171	39.1	30.6	46.0	
170	26.0	20.5	30.7	





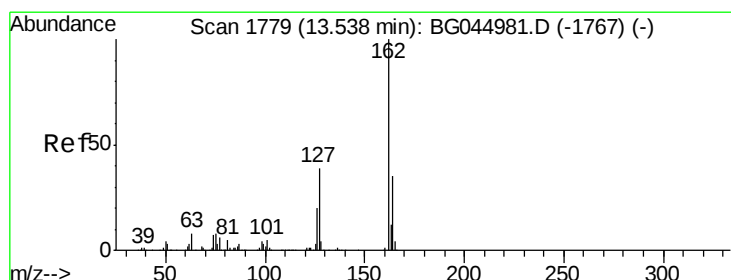
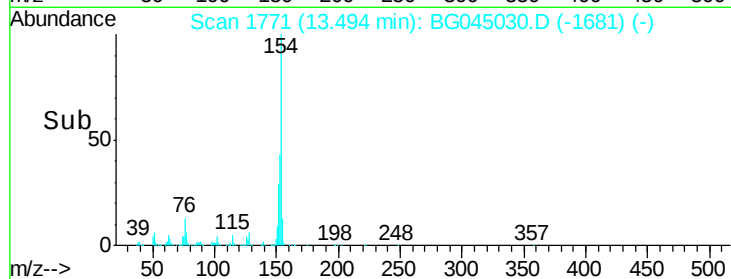
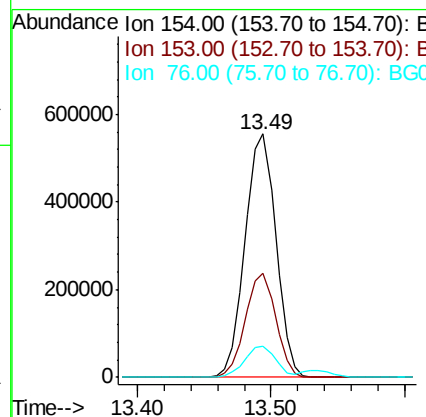
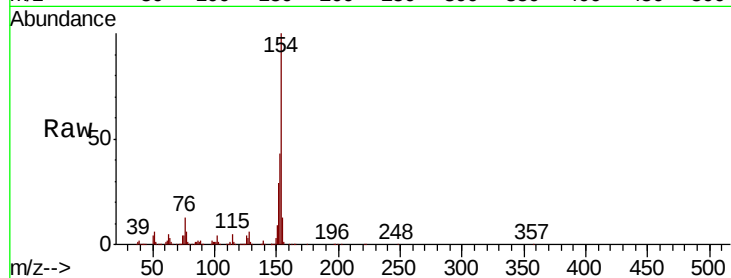
#46
 1,1'-Biphenyl
 Concen: 45.967 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion:	154	Resp:	886402
Ion Ratio	Lower	Upper	
154	100		
153	42.6	21.9	61.9
76	12.7	0.0	33.1

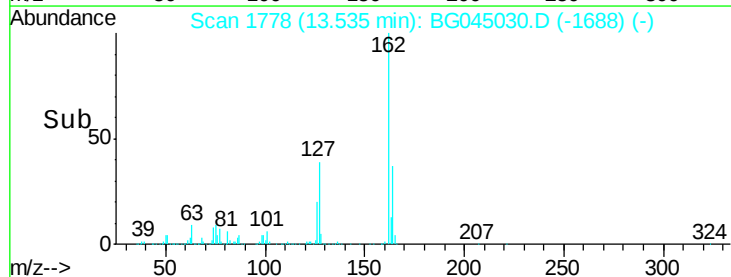
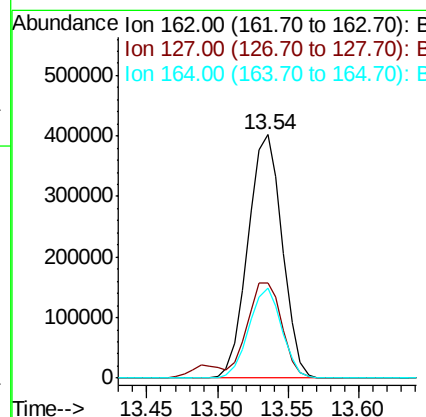
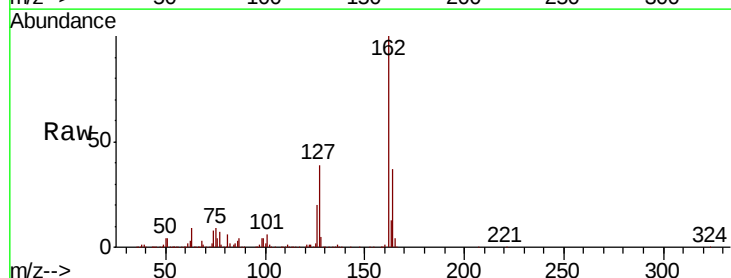
Manual Integrations
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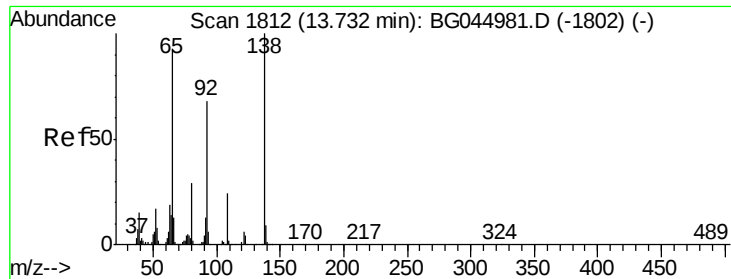
mohammad
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#47
 2-Chloronaphthalene
 Concen: 46.521 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion:	162	Resp:	685470
Ion Ratio	Lower	Upper	
162	100		
127	39.2	31.3	46.9
164	37.1	27.8	41.8





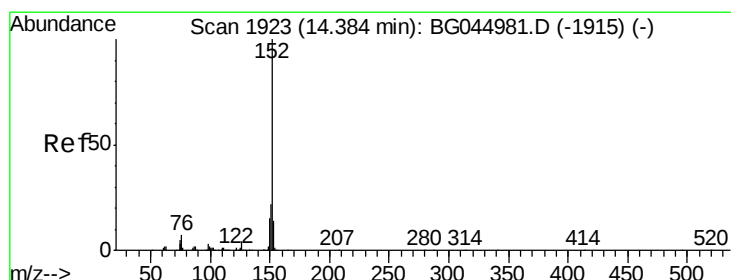
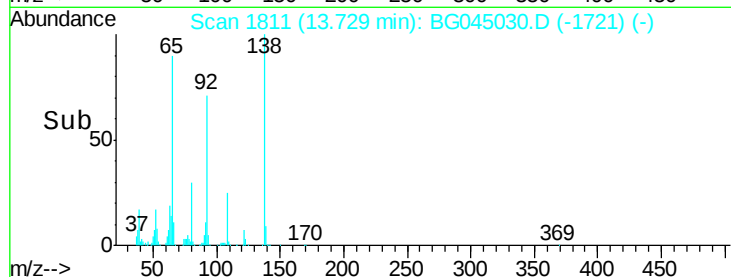
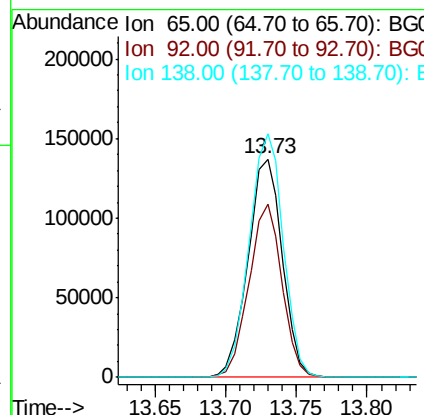
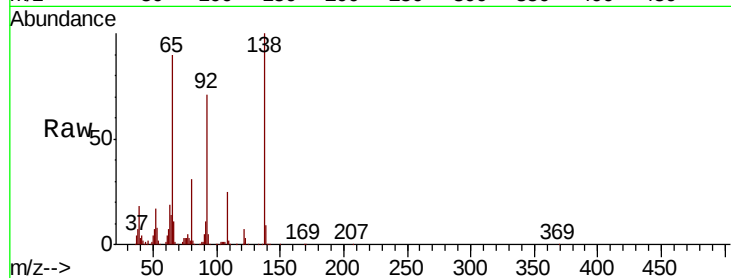
#48
2-Nitroaniline
Concen: 48.459 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.1	58.3	87.5
138	111.6	85.6	128.4

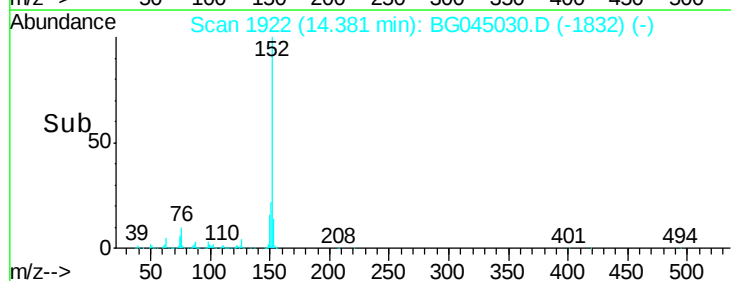
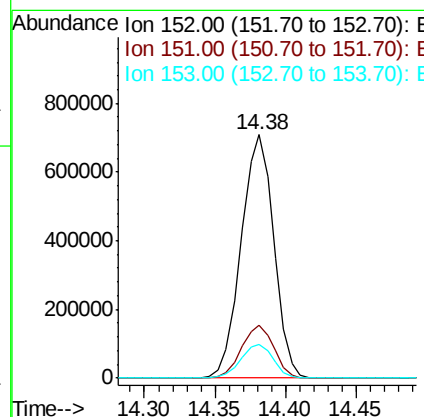
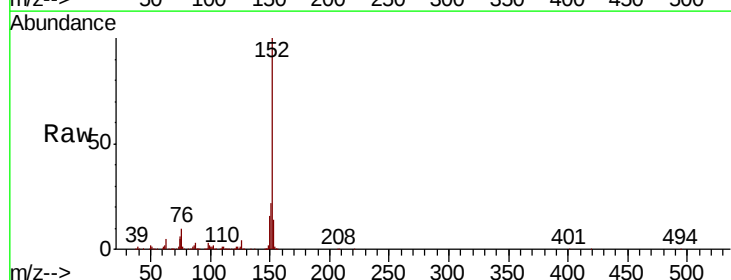
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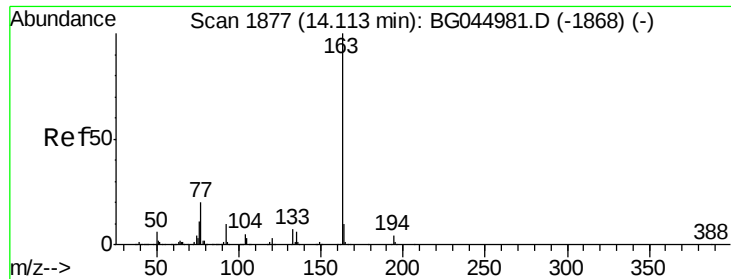
mohammad
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#49
Acenaphthylene
Concen: 47.850 ng
RT: 14.38 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.0	11.0	16.4





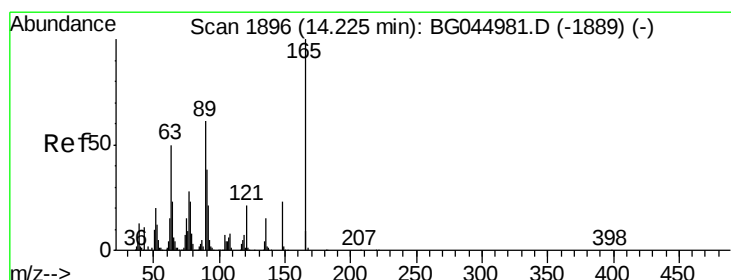
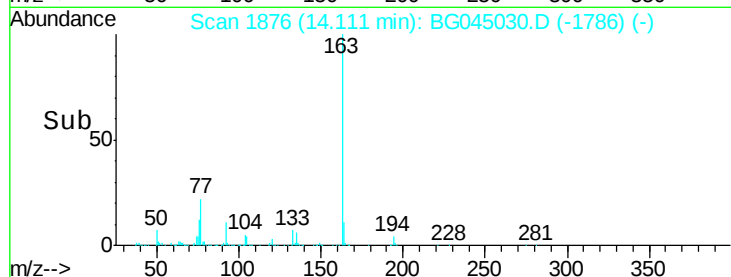
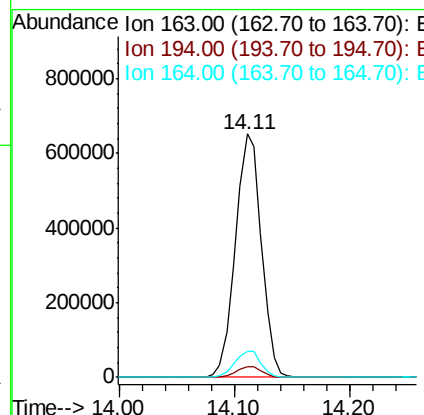
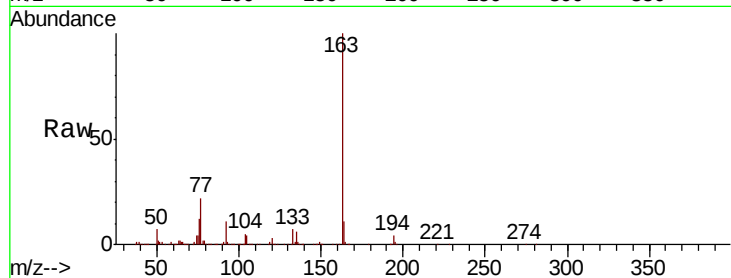
#50
Dimethylphthalate
Concen: 49.009 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.4	3.5	5.3	
164	10.9	8.2	12.4	

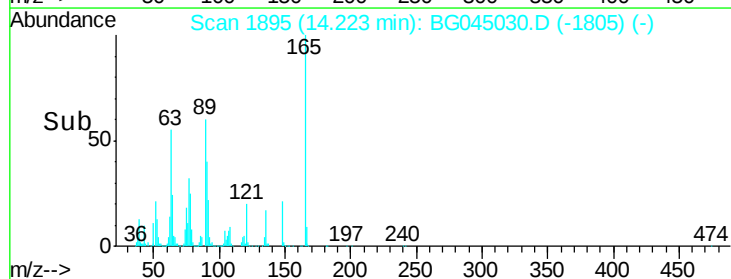
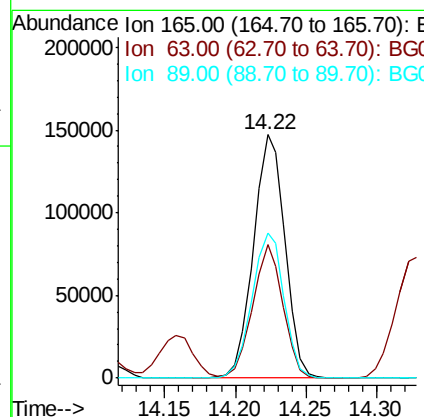
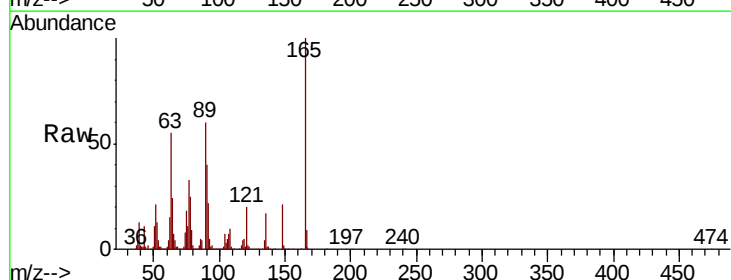
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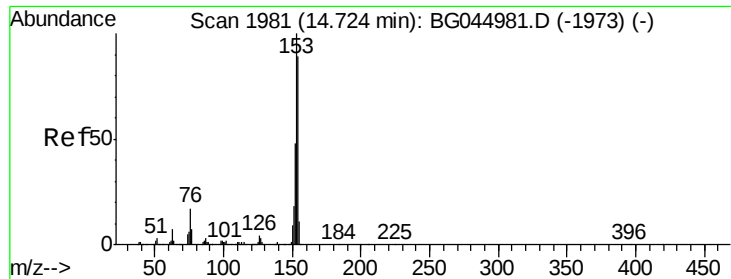
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#51
2,6-Dinitrotoluene
Concen: 49.712 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	55.0	40.4	60.6	
89	59.7	49.1	73.7	





#52

Acenaphthene

Concen: 55.708 ng/mL

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

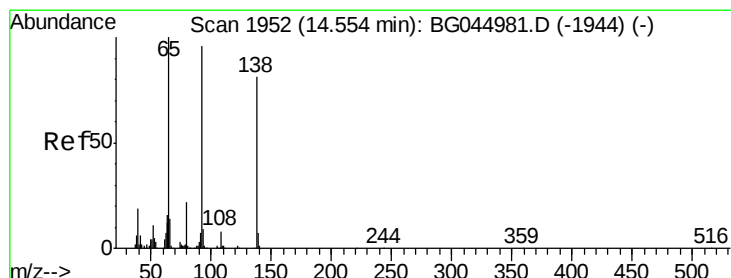
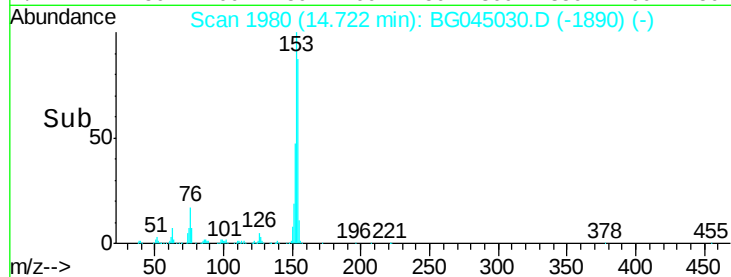
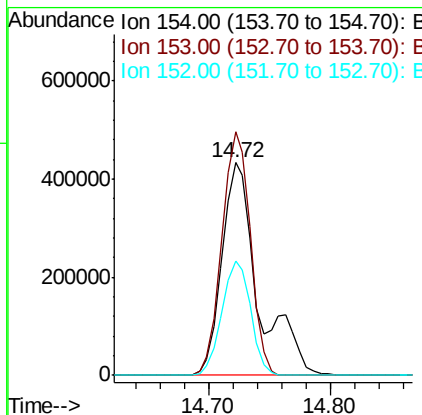
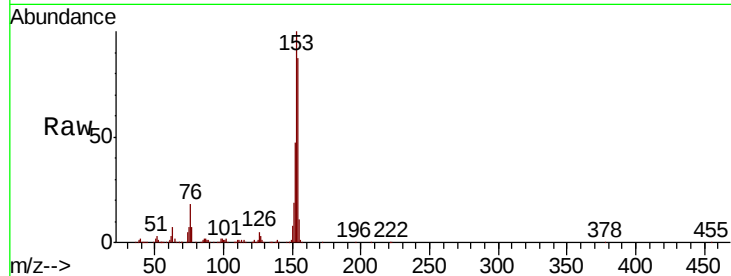
ClientSampleId :

TP-11-SAMS

Tot Ion:	154	Resp:	904625
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.7	134.5
152	54.1	43.1	64.7

Manual Integrations
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#53

3-Nitroaniline

Concen: 14.169 ng/mL

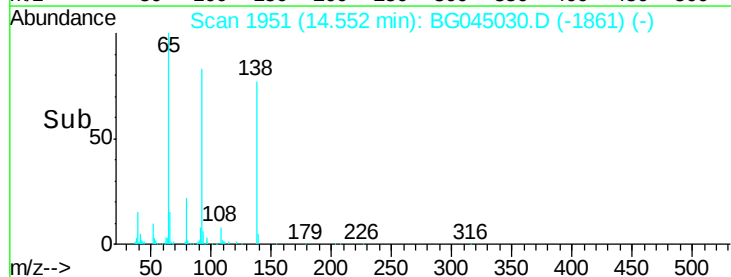
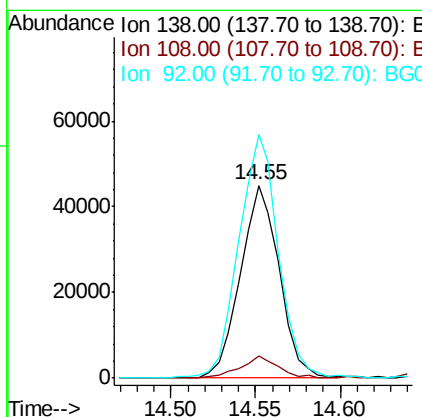
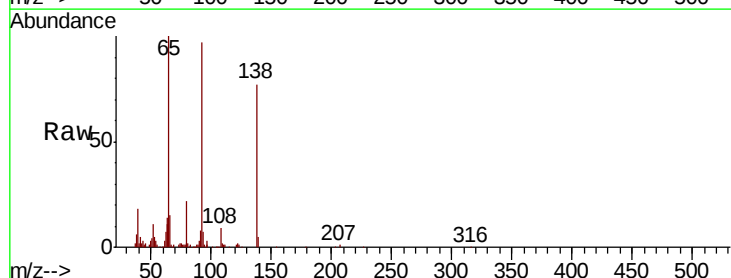
RT: 14.55 min Scan# 1951

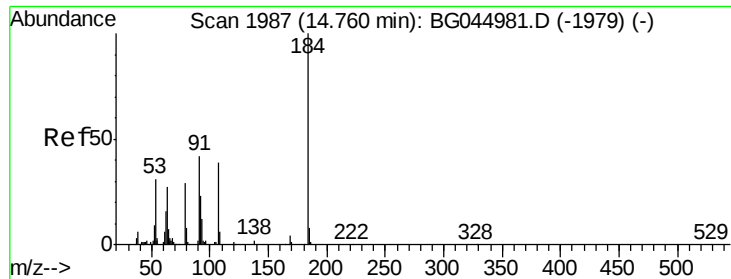
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	138	Resp:	71806
Ion Ratio	Lower	Upper	
138	100		
108	11.4	7.8	11.8
92	126.3	94.5	141.7





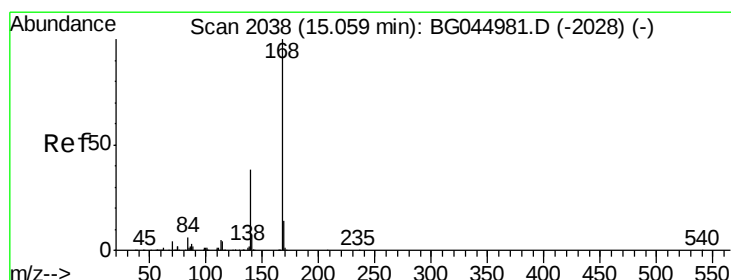
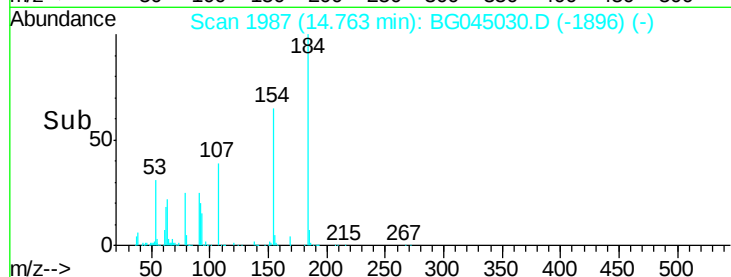
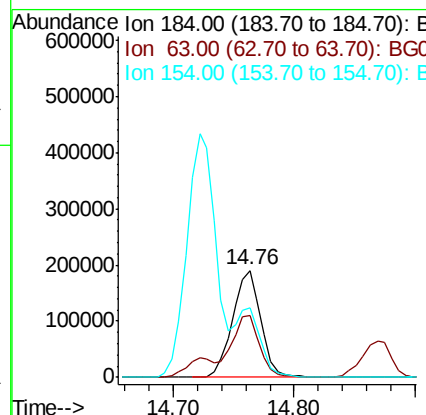
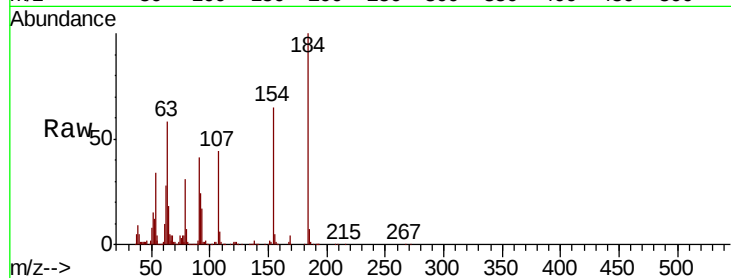
#54
2,4-Dinitrophenol
Concen: 112.745 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	41.5	62.3
154	65.3	52.3	78.5

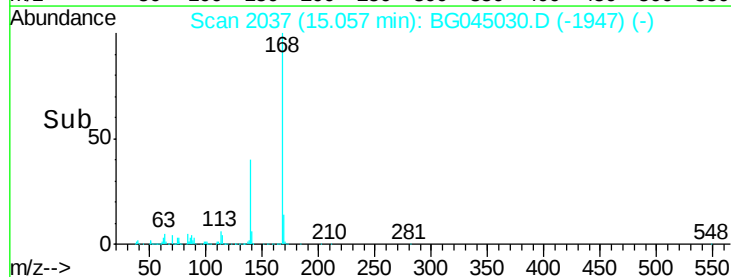
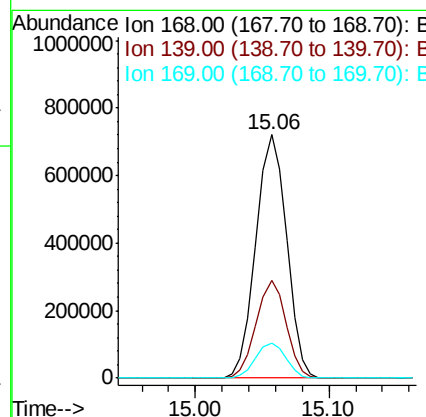
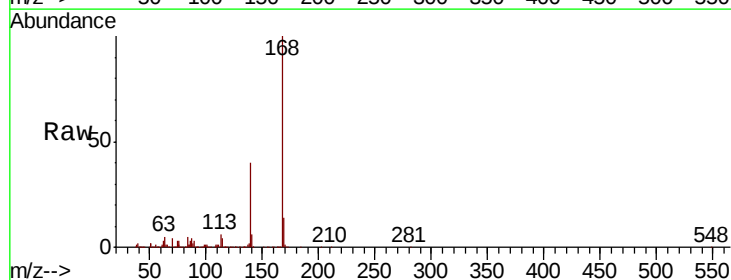
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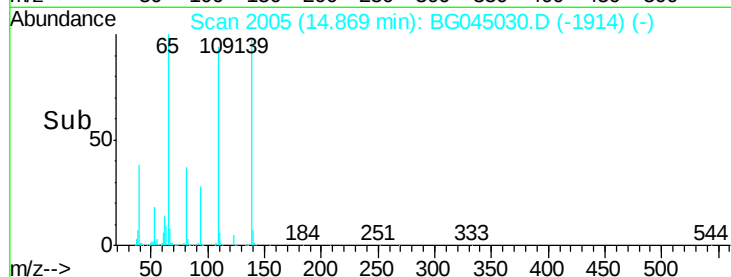
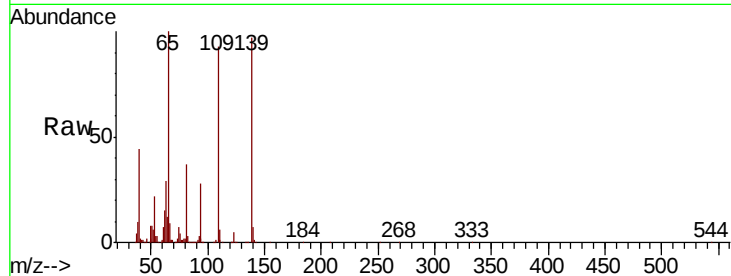
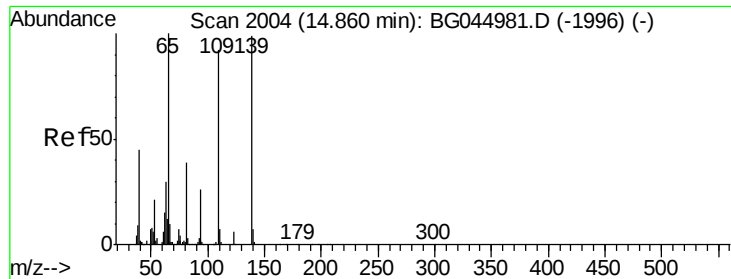
mohammad
4/20/2020 2:27:59 PM



#55
Dibenzofuran
Concen: 48.371 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.4	45.6
169	14.4	11.0	16.4





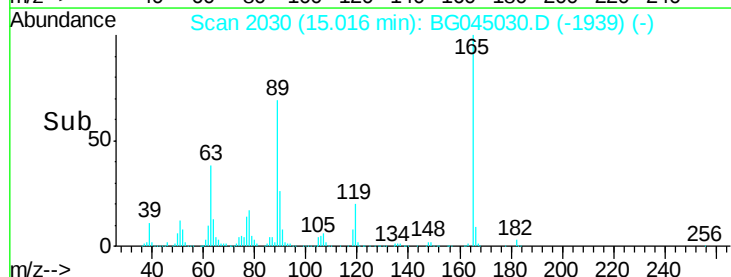
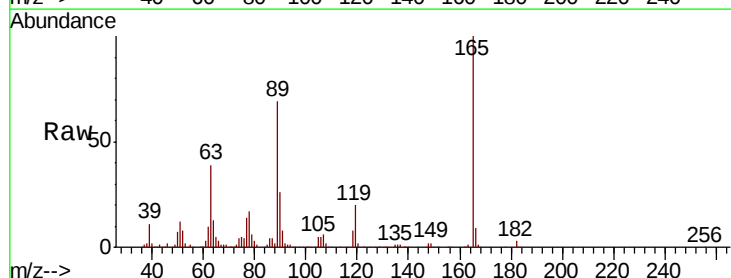
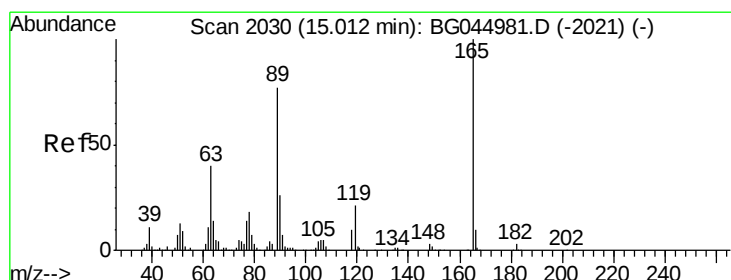
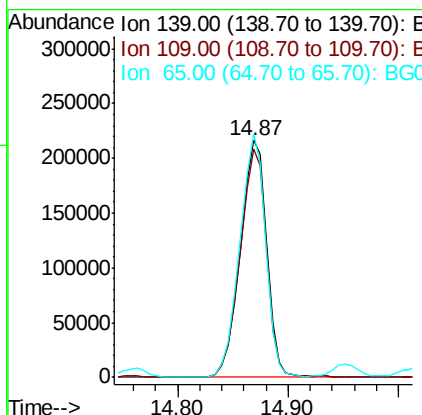
#56
4-Nitrophenol
Concen: 92.603 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	96.2	73.6	113.6	
65	102.9	81.2	121.2	

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

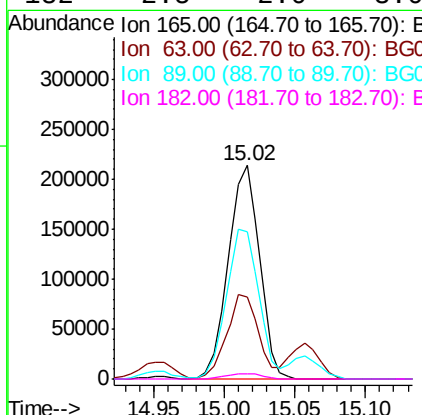
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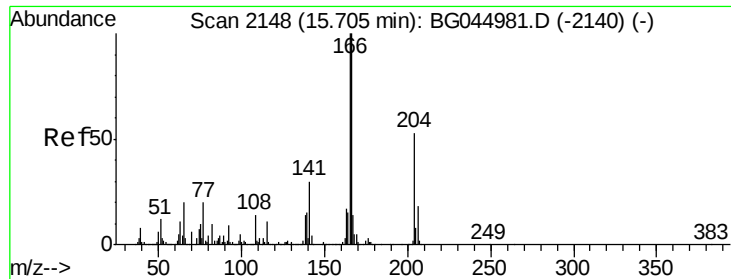
mohammad
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#57
2,4-Dinitrotoluene
Concen: 48.787 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.6	32.2	48.2	
89	69.2	61.7	92.5	
182	2.5	2.0	3.0	





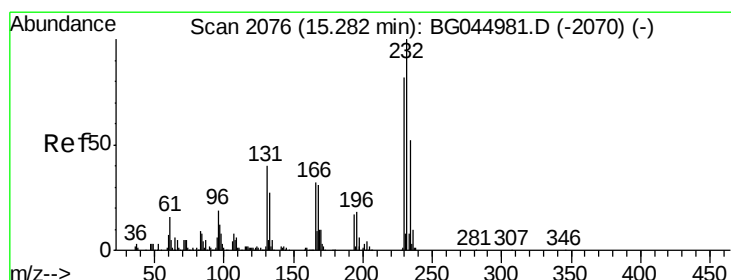
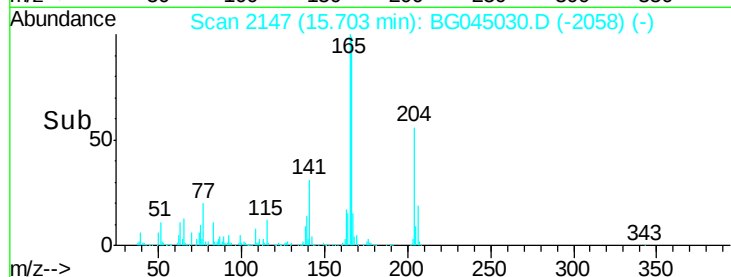
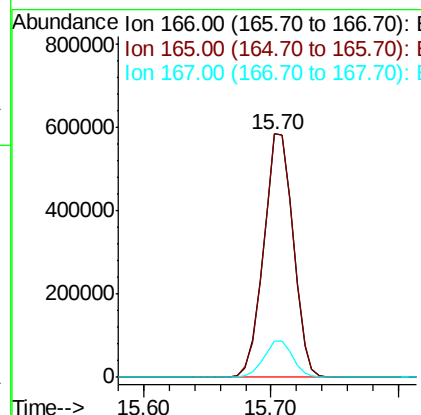
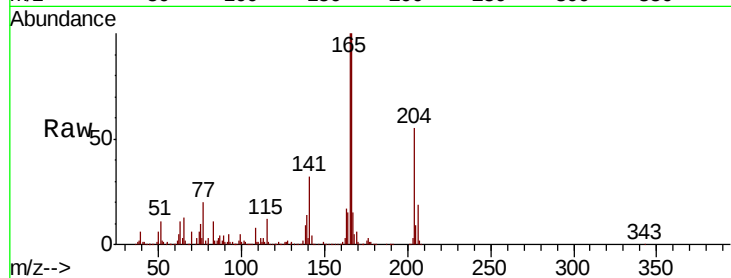
#58
 Fluorene
 Concen: 48.969 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.9	119.9	
167	14.9	11.4	17.0	

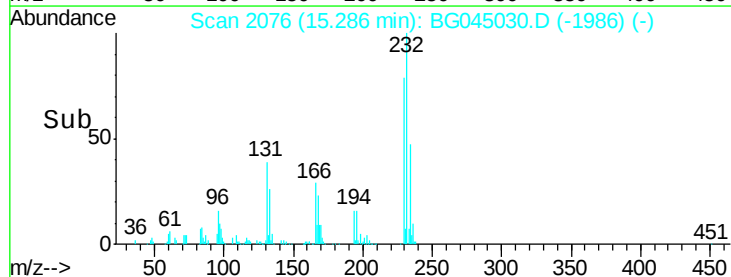
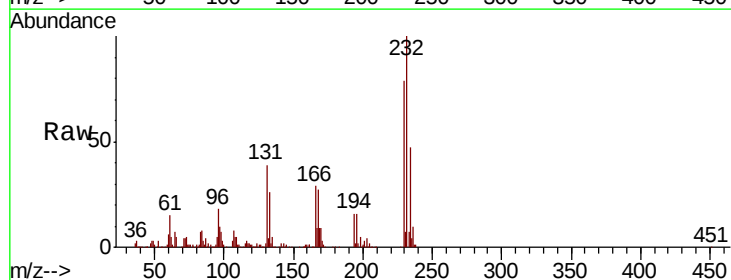
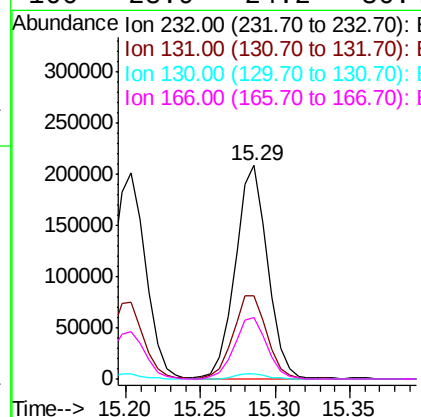
Manual Integrations
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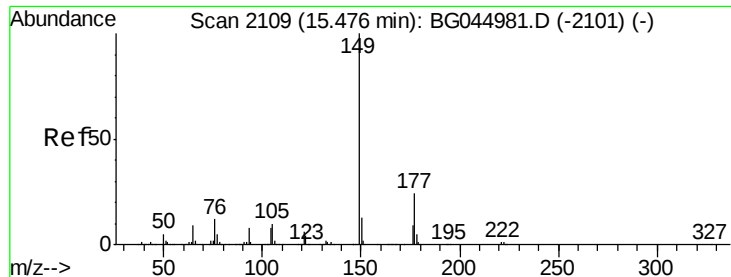
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.017 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.4	32.2	48.2	
130	2.5	2.2	3.2	
166	28.9	24.2	36.4	





#60

Diethylphthalate

Concen: 48.031 ng

RT: 15.48 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

ClientSampled :

TP-11-SAMS

Tot Ion:149 Resp: 1034495

Ion Ratio Lower Upper

149 100

177 24.7 18.9 28.3

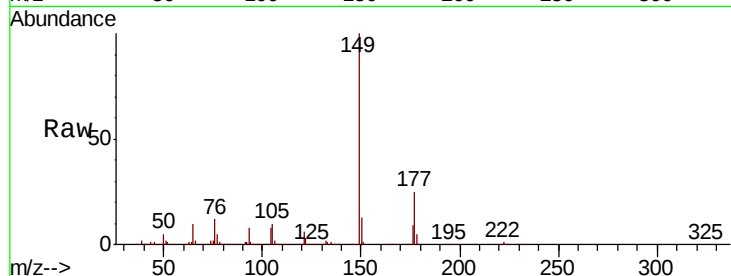
150 13.3 10.6 15.8

Manual Integrations

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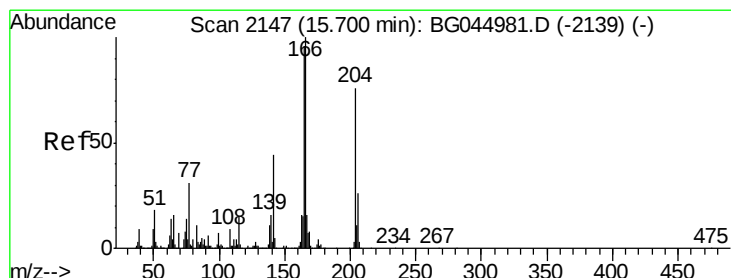
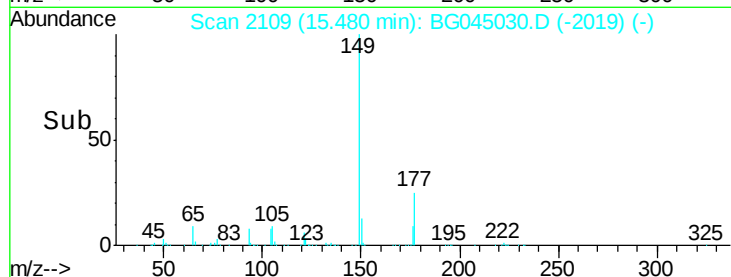
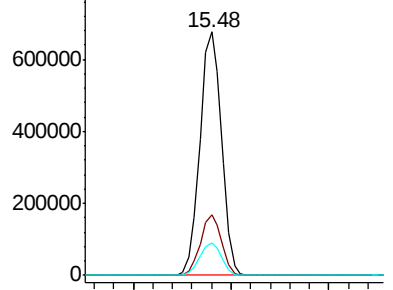
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 47.344 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

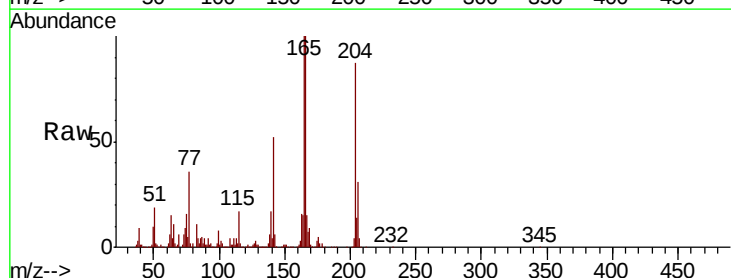
Tgt Ion:204 Resp: 526971

Ion Ratio Lower Upper

204 100

206 35.0 26.9 40.3

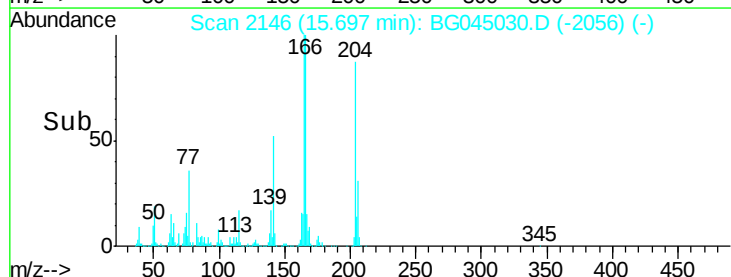
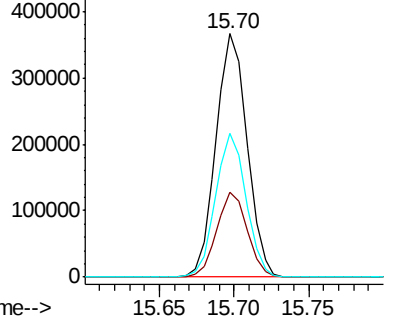
141 59.2 46.3 69.5

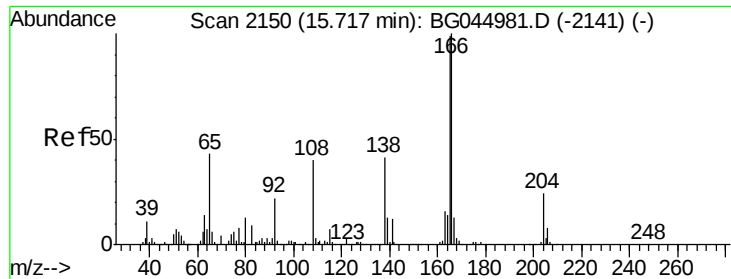


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





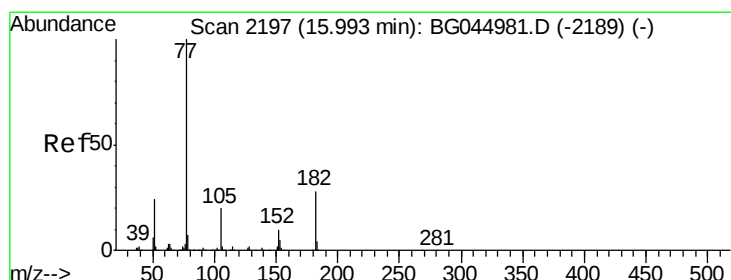
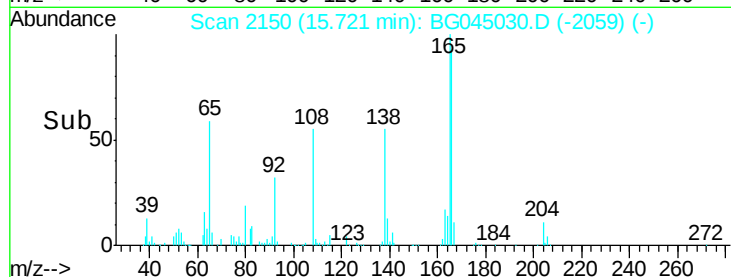
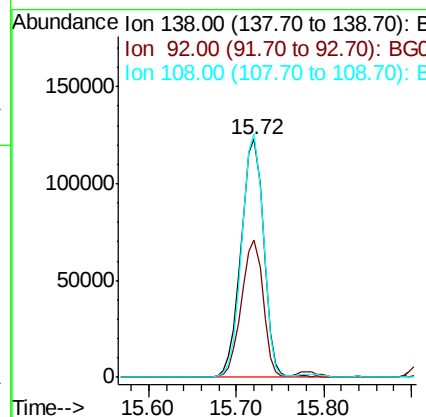
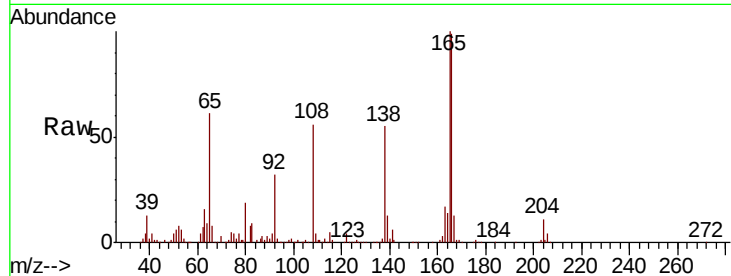
#62
4-Nitroaniline
Concen: 40.941 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	215195		
92	57.9	33.6	73.6	
108	102.2	78.2	118.2	

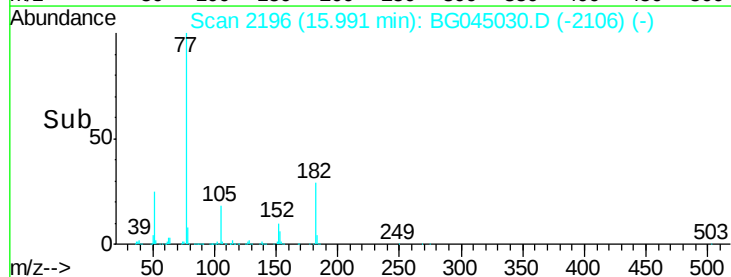
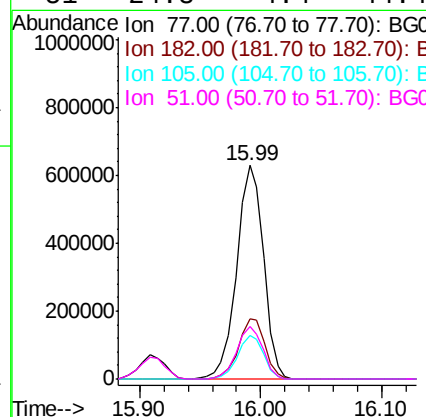
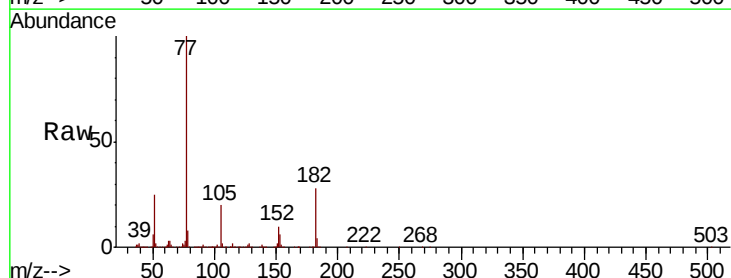
Manual Integrations
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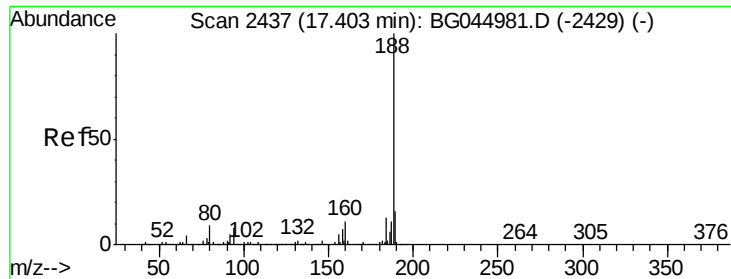
mohammad
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#63
Azobenzene
Concen: 49.042 ng
RT: 15.99 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	973849		
182	28.3	8.4	48.4	
105	20.3	0.5	40.5	
51	24.8	4.4	44.4	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

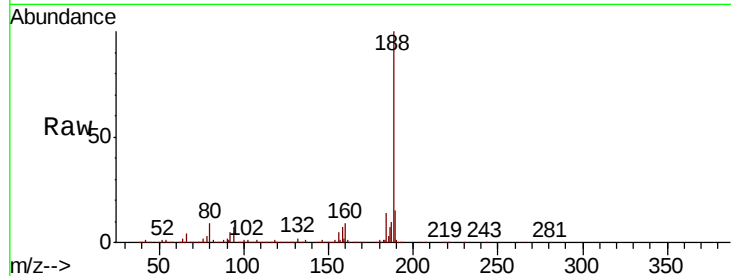
ClientSampleId :

TP-11-SAMS

Tot Ion:188	Resp: 603778
Ion Ratio	Lower Upper
188 100	
94 7.1	6.2 9.4
80 8.8	7.0 10.6

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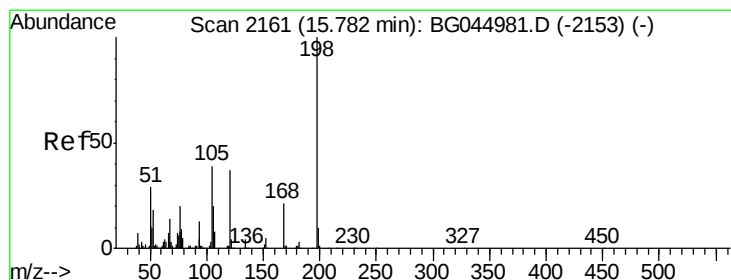
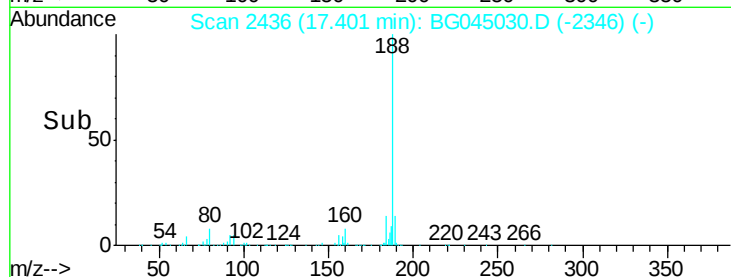
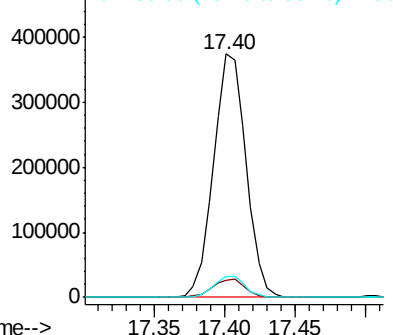
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 55.876 ng

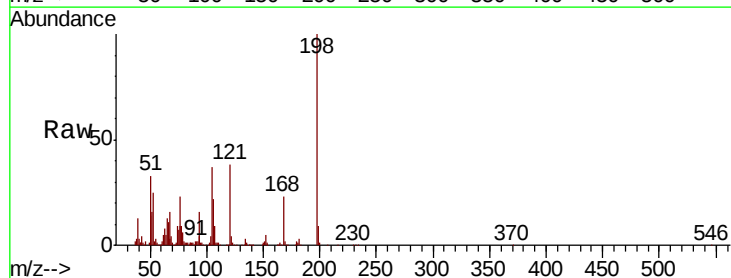
RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

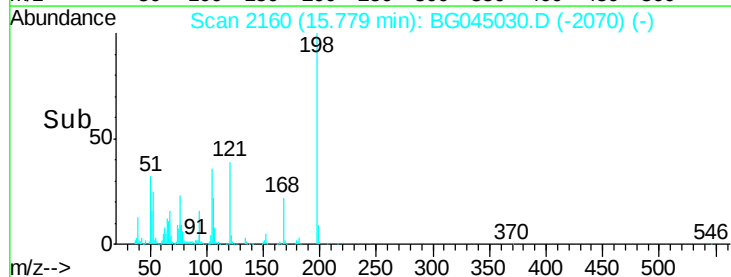
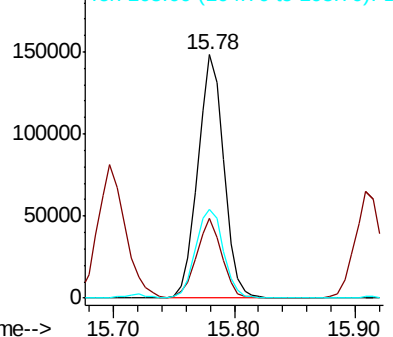
Tgt Ion:198	Resp: 221753
Ion Ratio	Lower Upper
198 100	
51 32.6	10.0 50.0
105 36.6	18.9 58.9

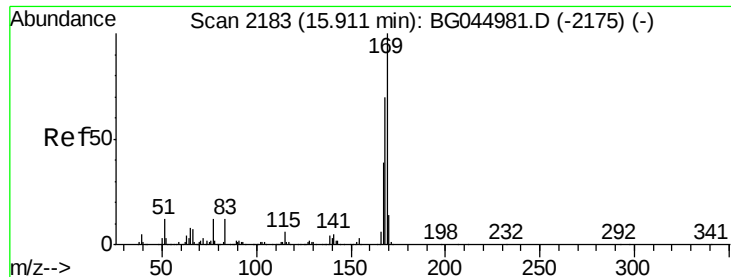


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





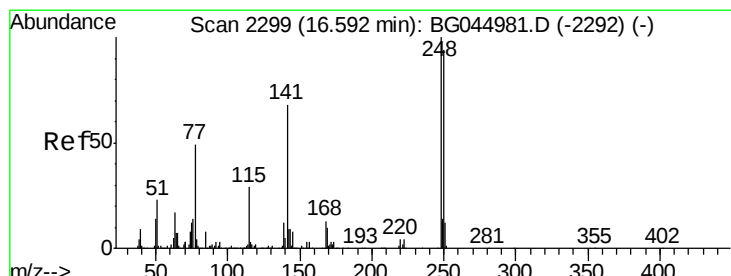
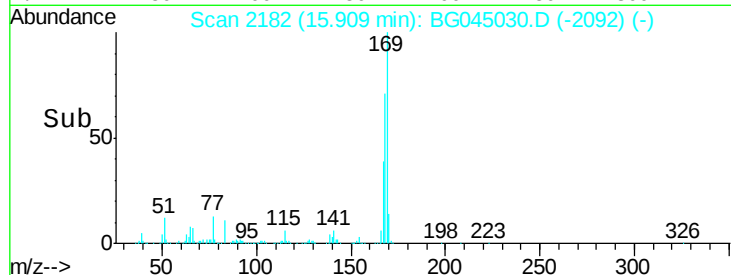
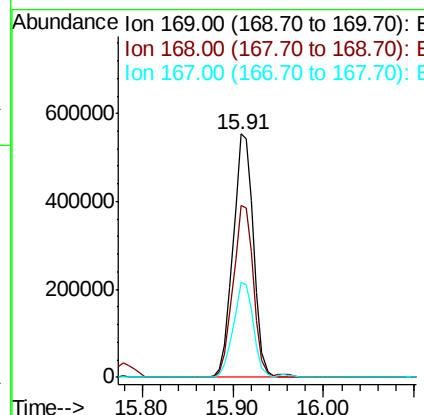
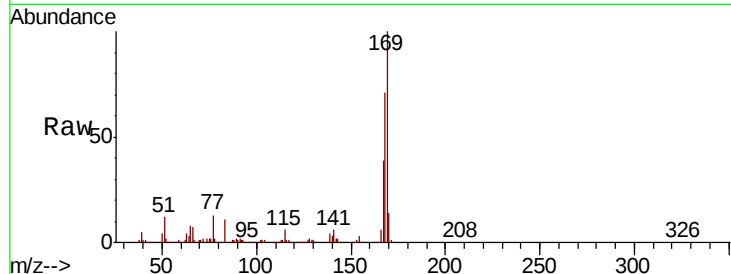
#66
 n-Nitrosodiphenylamine
 Concen: 49.891 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	865501		
168	70.8		55.8	83.8
167	39.1		30.8	46.2

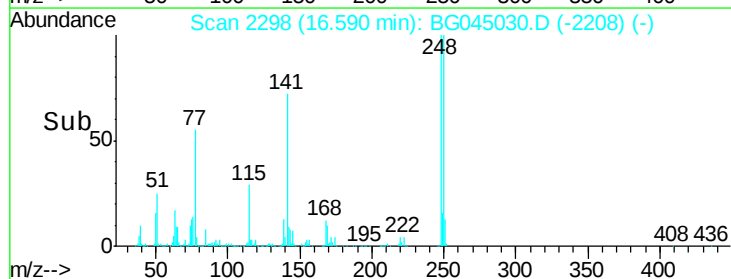
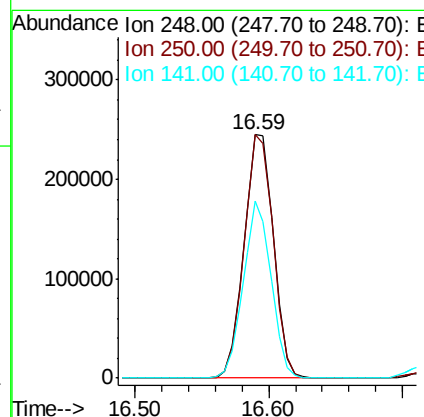
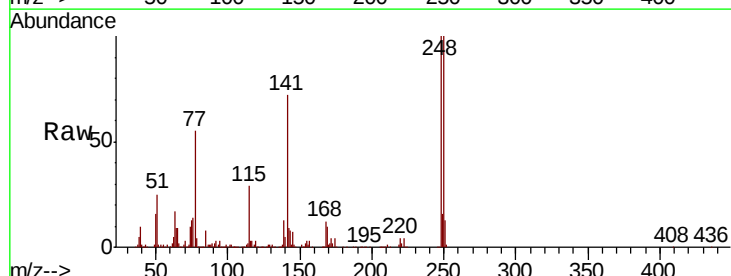
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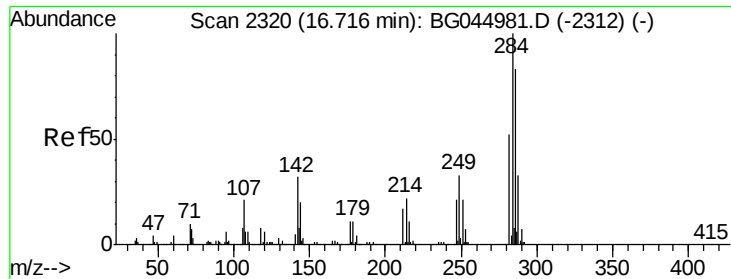
mohammad
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#67
 4-Bromophenyl-phenylether
 Concen: 47.591 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	370697		
250	99.9		75.4	113.2
141	72.5		54.4	81.6





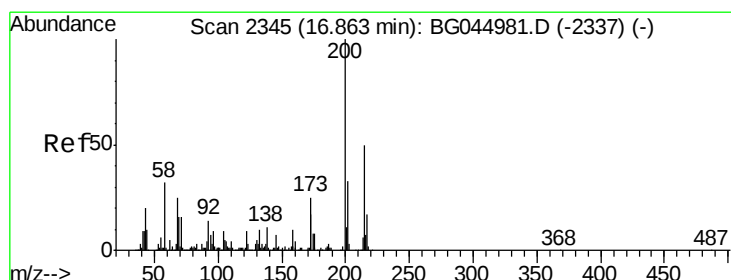
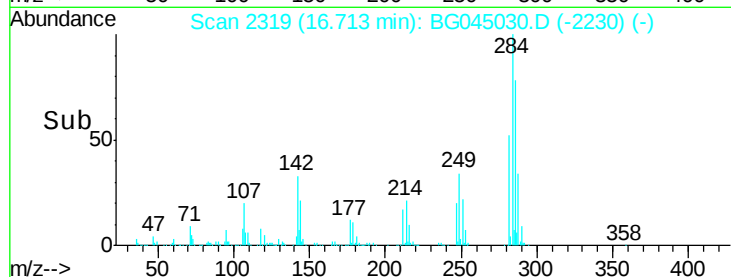
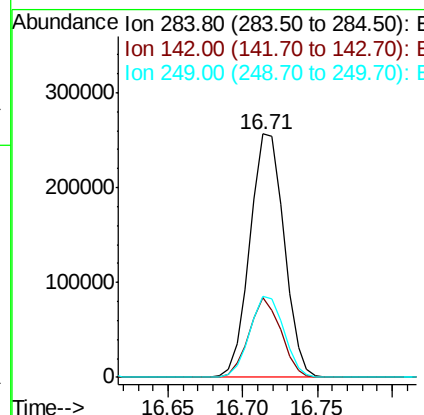
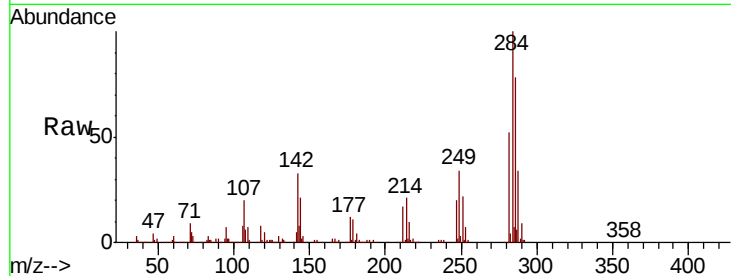
#68
Hexachlorobenzene
Concen: 50.116 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.6	25.8	38.6	
249	33.5	26.6	39.8	

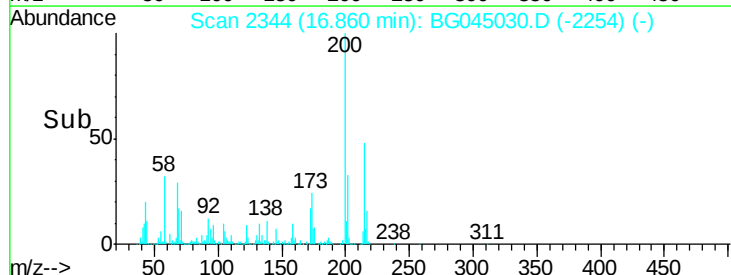
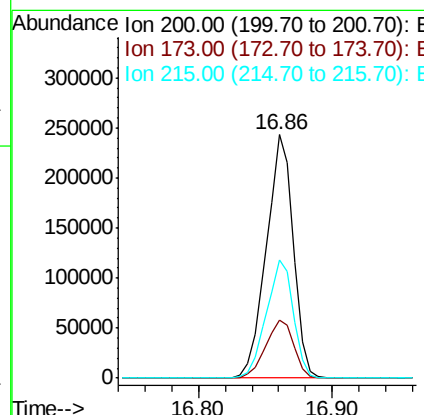
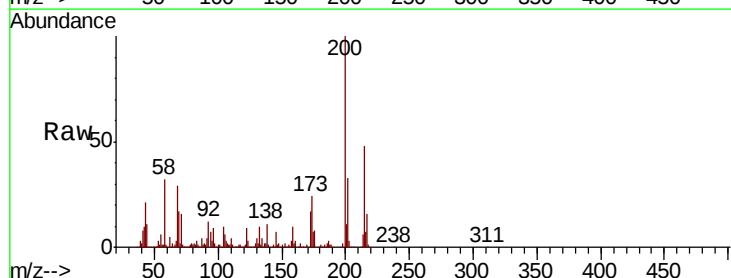
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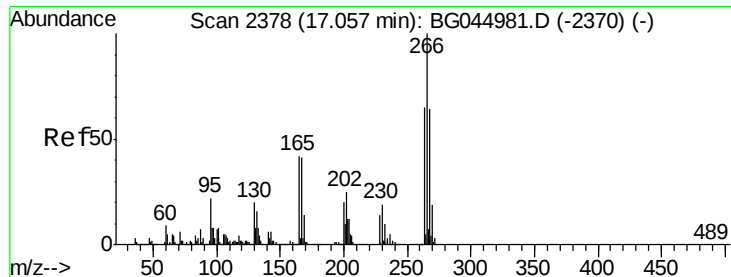
mohammad
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#69
Atrazine
Concen: 54.605 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.6	4.5	44.5	
215	48.5	30.0	70.0	





#70

Pentachlorophenol

Concen: 104.471 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMS

Tot Ion:266 Resp: 517734

Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

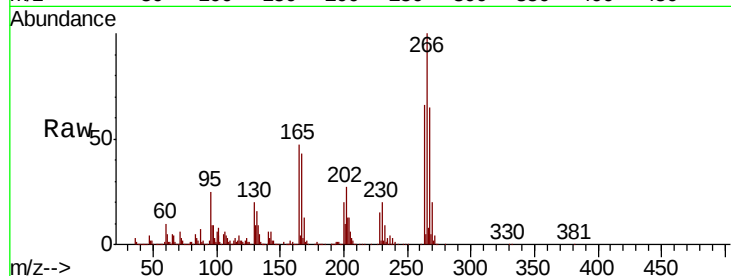
264 65.7 52.2 78.4

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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.05

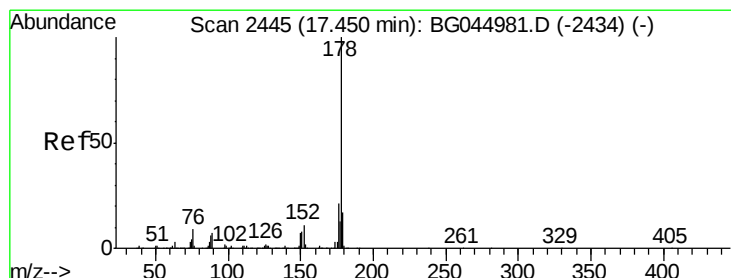
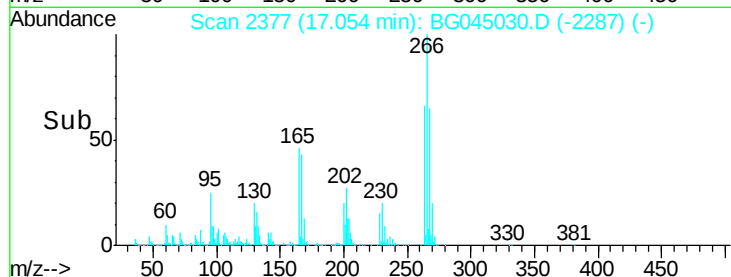
300000

200000

100000

0

Time-->



#71

Phenanthrene

Concen: 48.998 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

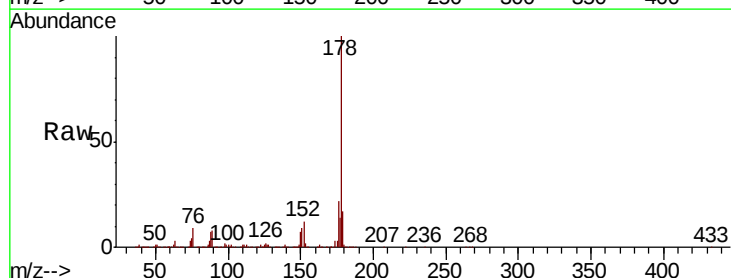
Tgt Ion:178 Resp: 1520233

Ion Ratio Lower Upper

178 100

176 21.6 16.8 25.2

179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.45

1200000

1000000

800000

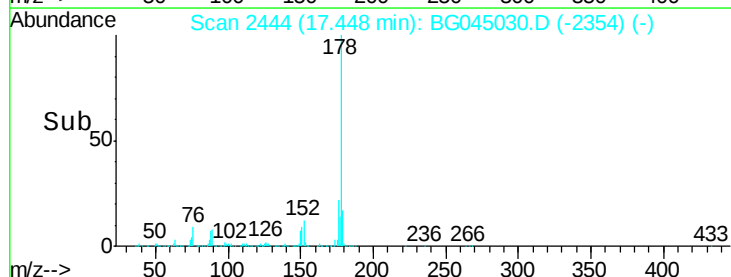
600000

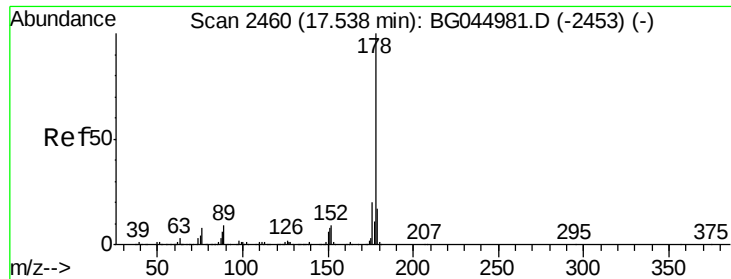
400000

200000

0

Time-->





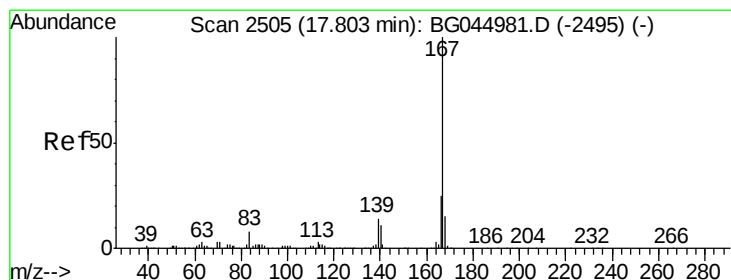
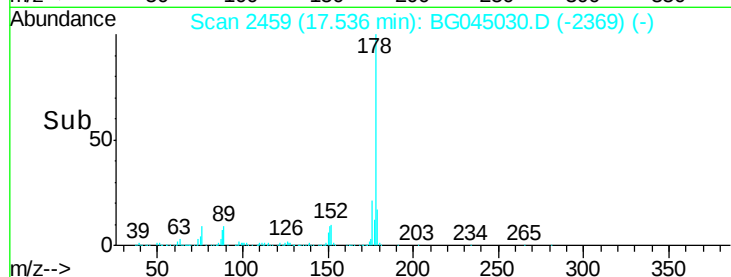
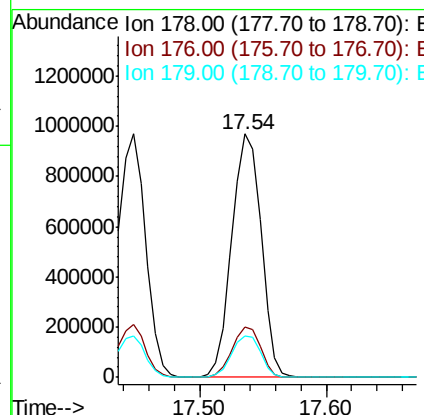
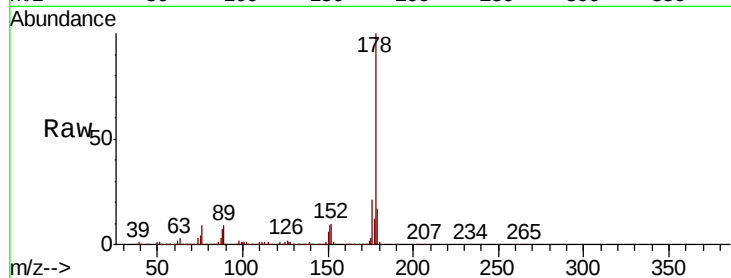
#72
 Anthracene
 Concen: 49.910 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.0	24.0
179	17.2	13.6	20.4

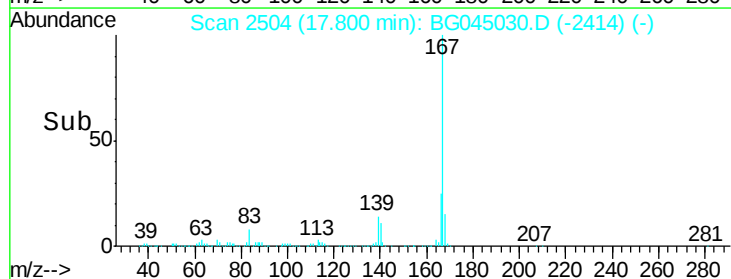
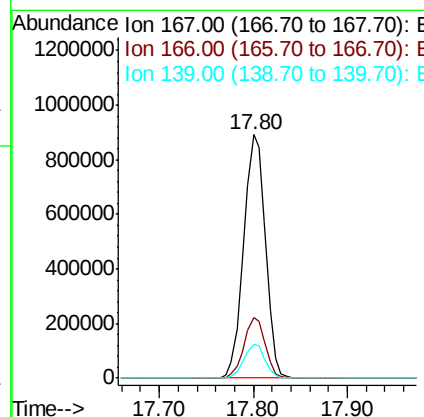
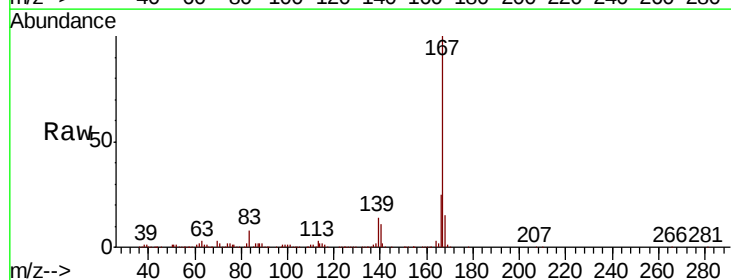
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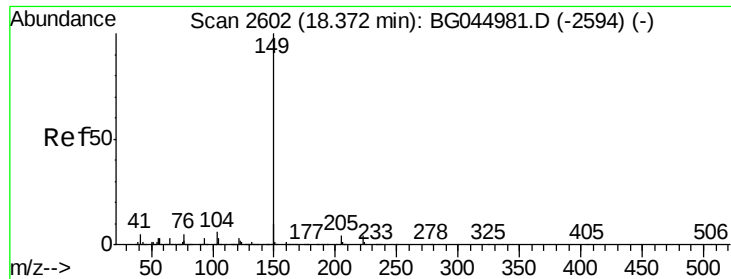
mohammad
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#73
 Carbazole
 Concen: 45.267 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.7	10.9	16.3





#74

Di-n-butylphthalate

Concen: 49.882 ng

RT: 18.37 min Scan# 2601

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMS

Tot Ion:149 Resp: 1692323

Ion Ratio Lower Upper

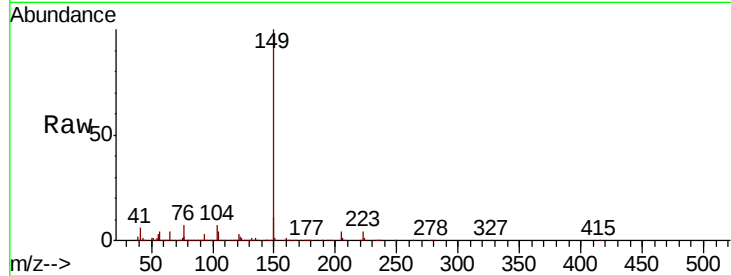
149 100

150 10.7 8.2 12.2

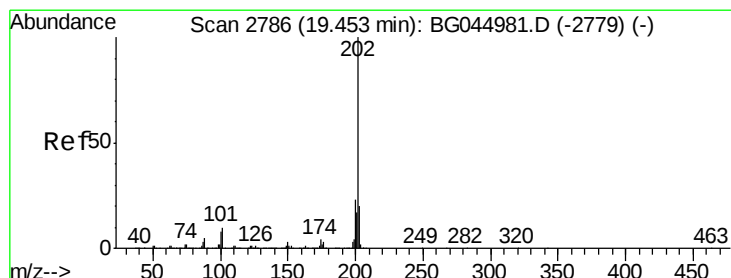
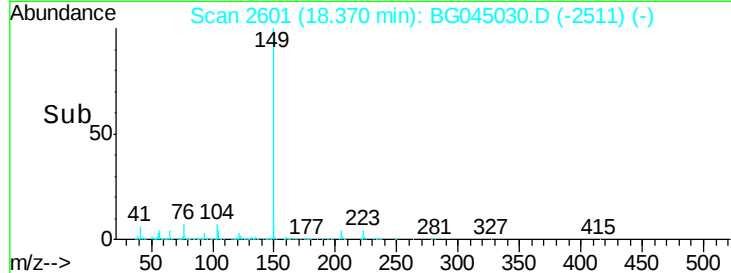
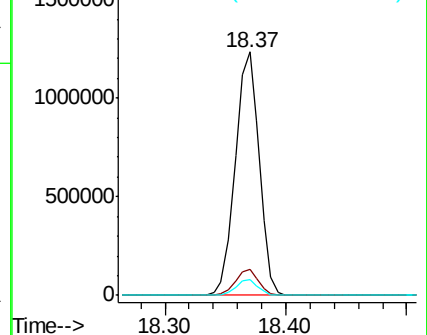
104 6.5 4.8 7.2

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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: 50.232 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

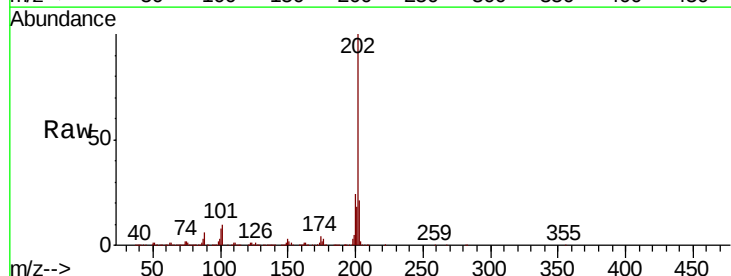
Tgt Ion:202 Resp: 1805694

Ion Ratio Lower Upper

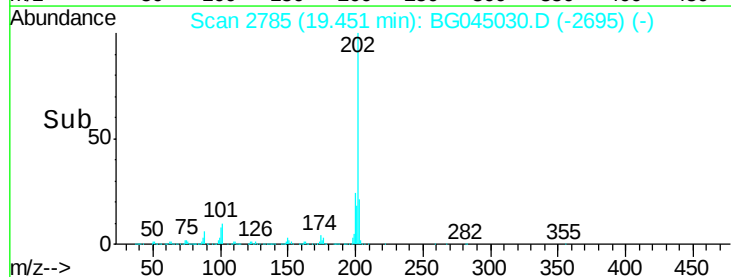
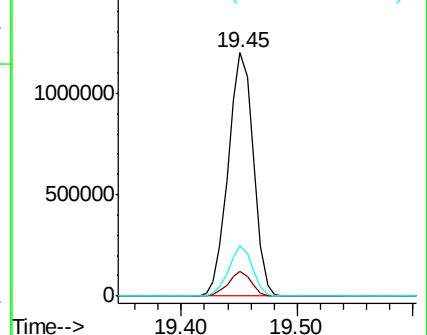
202 100

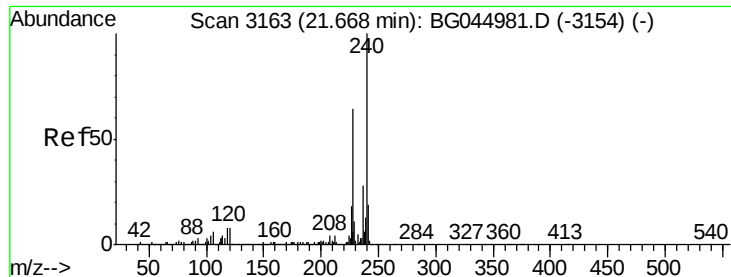
101 10.2 0.0 29.6

203 20.6 0.0 39.7



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: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

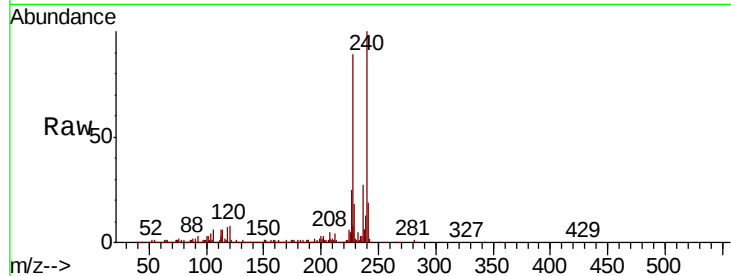
ClientSampleId :

TP-11-SAMS

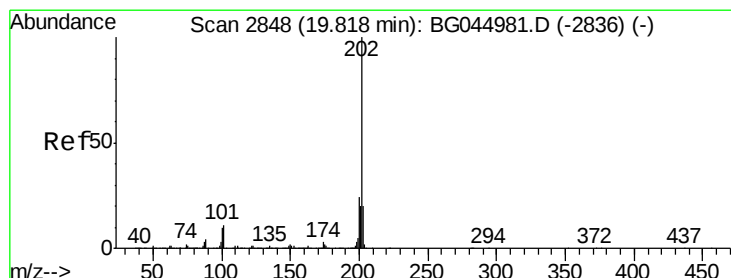
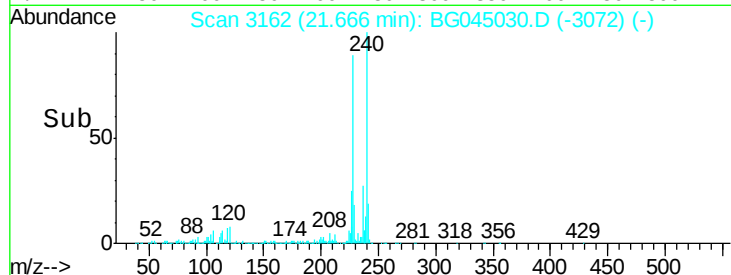
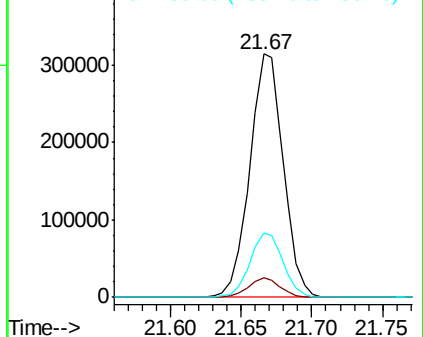
Tot Ion:	240	Resp:	523404
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.6	10.0
236	26.7	22.2	33.2

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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



#78

Pyrene

Concen: 49.825 ng

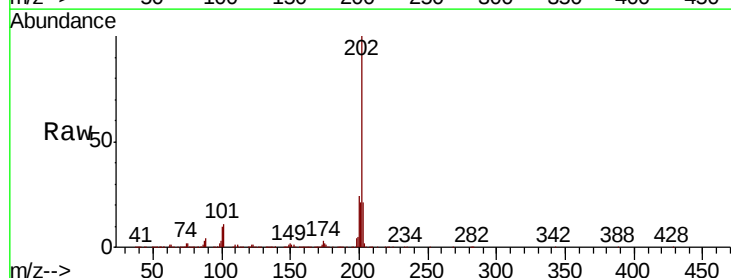
RT: 19.82 min Scan# 2847

Delta R.T. 0.01 min

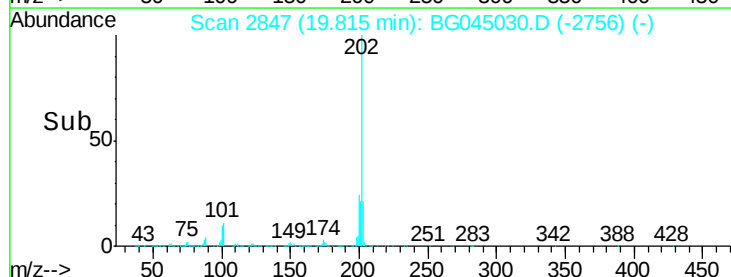
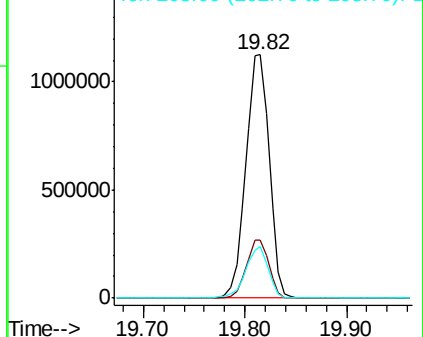
Lab File: BG045030.D

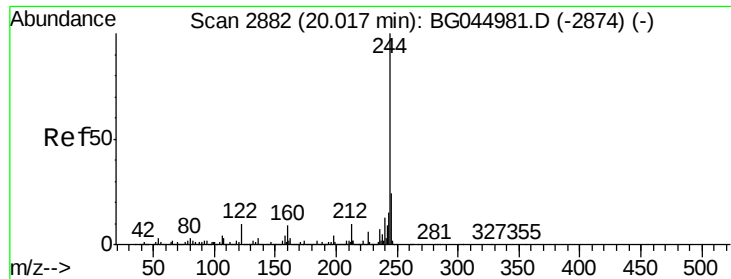
Acq: 17 Apr 2020 13:08

Tgt Ion:	202	Resp:	1797872
Ion Ratio	Lower	Upper	
202	100		
200	23.8	19.0	28.6
203	21.0	16.1	24.1



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: 102.257 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMS

Tot Ion:244 Resp: 2455622

Ion Ratio Lower Upper

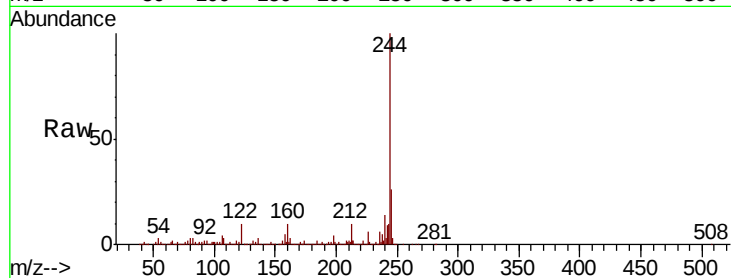
244 100

212 10.2 7.9 11.9

122 9.9 7.7 11.5

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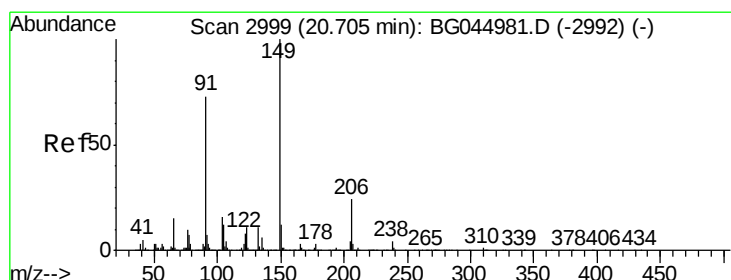
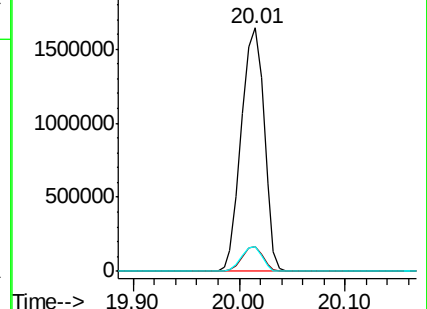
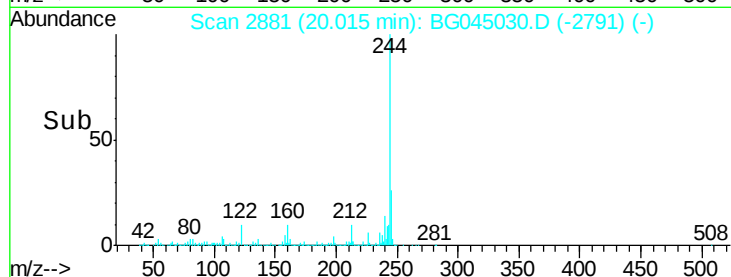
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.185 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

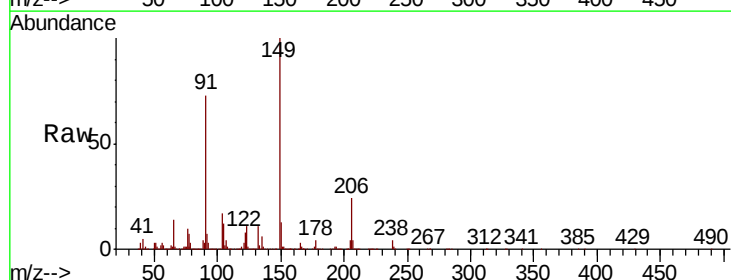
Tgt Ion:149 Resp: 750630

Ion Ratio Lower Upper

149 100

91 72.7 58.5 87.7

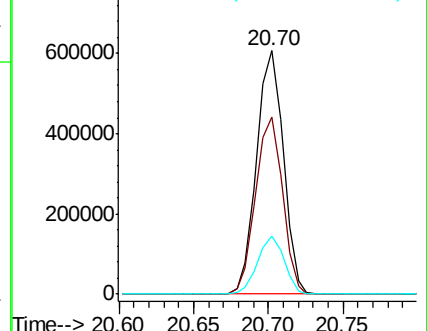
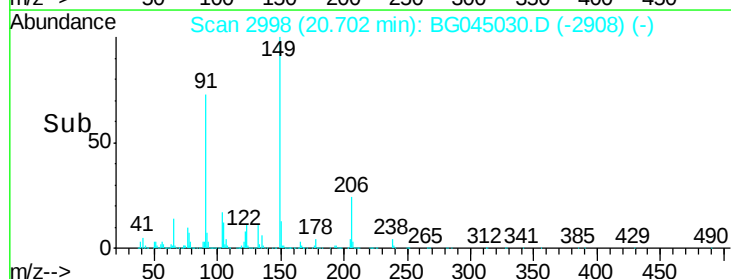
206 23.9 19.2 28.8

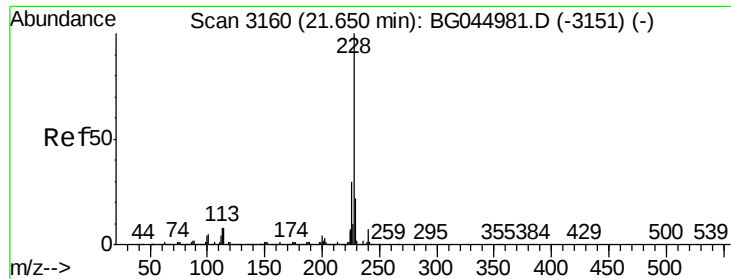


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





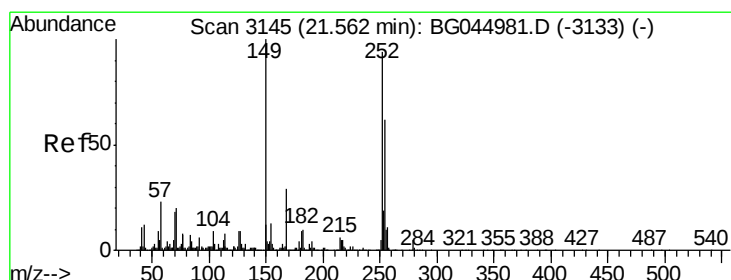
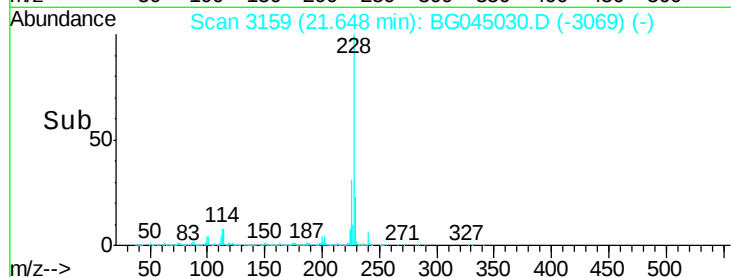
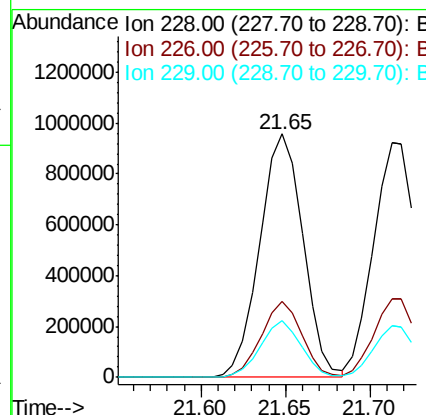
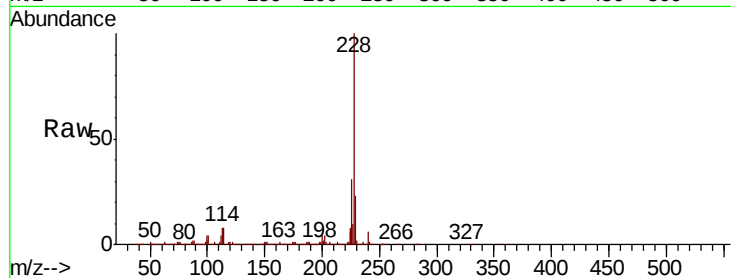
#81
Benzo(a)anthracene
Concen: 50.031 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	23.1	17.5	26.3

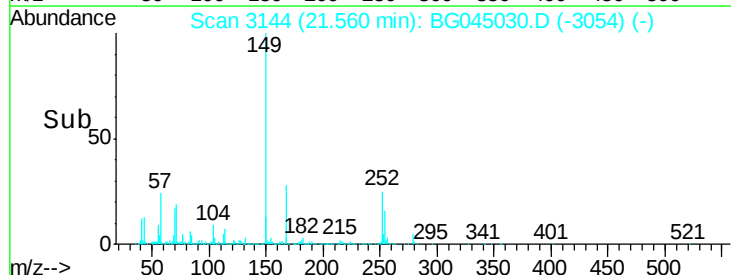
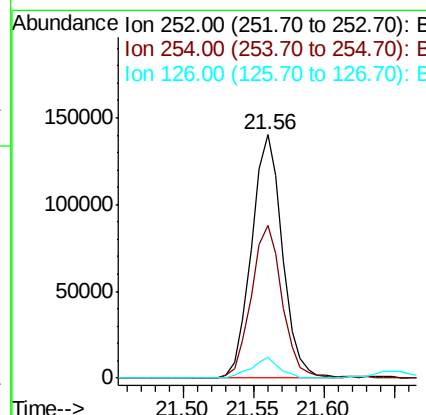
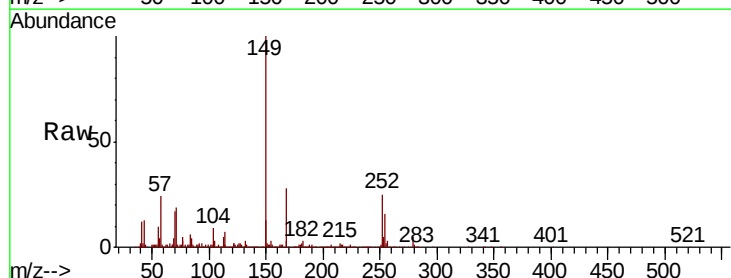
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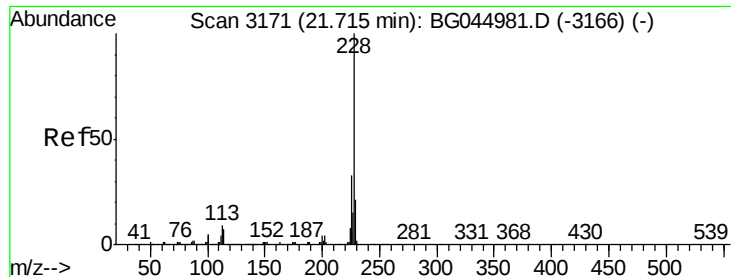
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 15.960 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	79.0
126	8.6	7.5	11.3





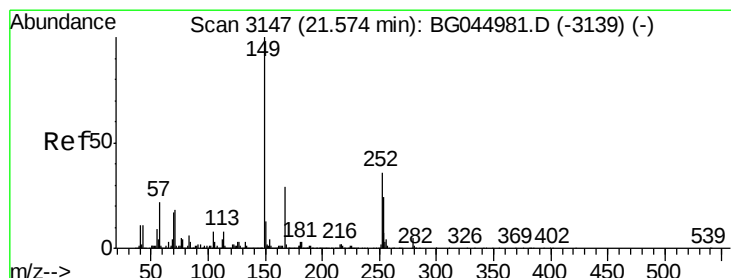
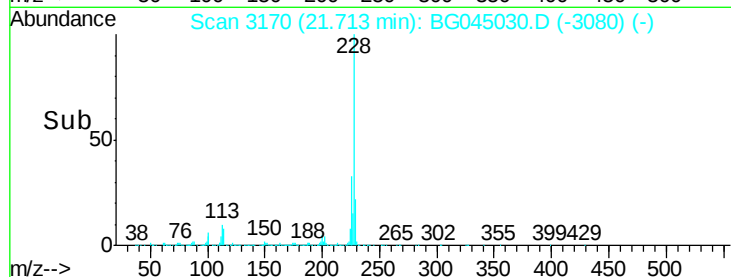
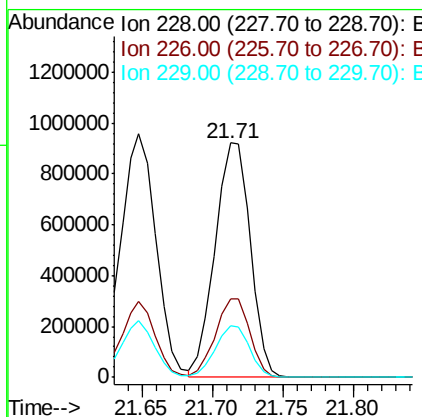
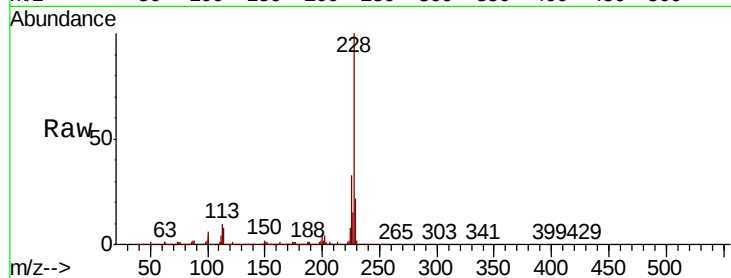
#83
 Chrysene
 Concen: 49.115 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.2	39.4
229	22.3	17.0	25.6

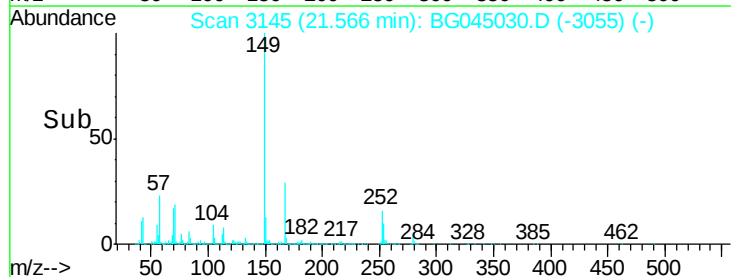
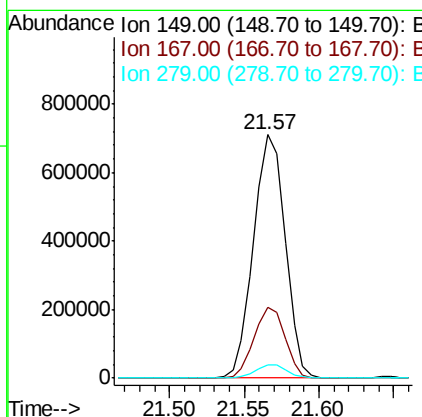
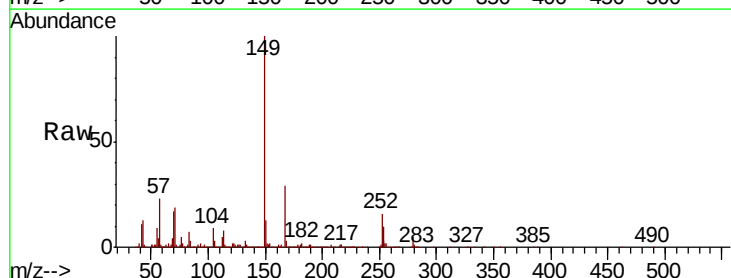
Manual Integrations
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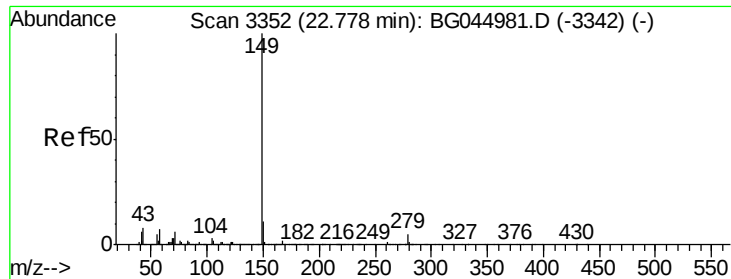
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.484 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: BG045030.D
 Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 49.590 ng

RT: 22.78 min Scan# 3351

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

ClientSampleId :

TP-11-SAMS

Tot Ion:149 Resp: 1764075

Ion Ratio Lower Upper

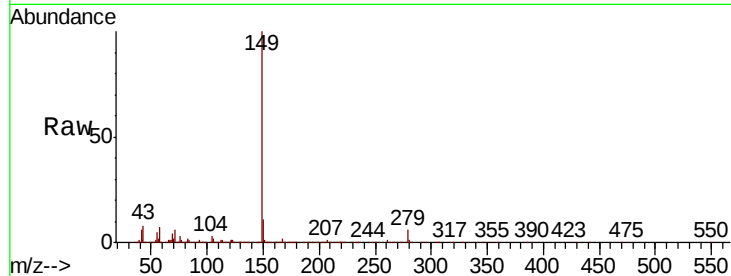
149 100

167 1.7 1.4 2.2

43 7.5 5.7 8.5

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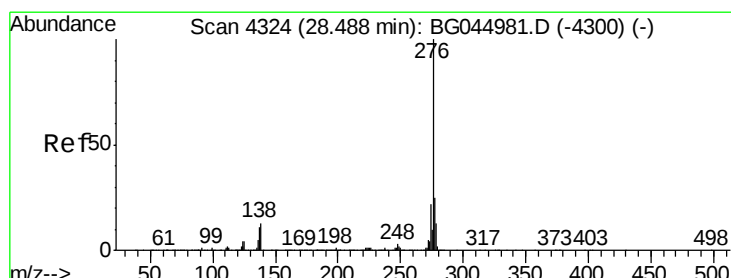
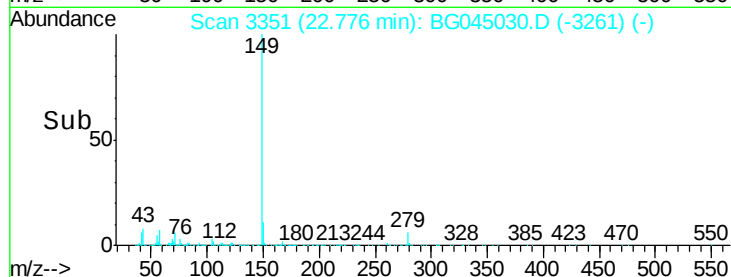
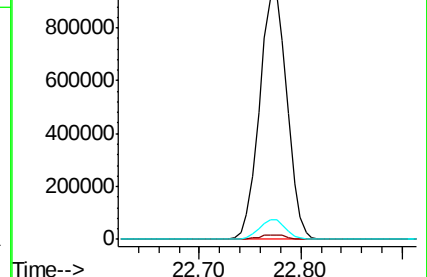
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.414 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

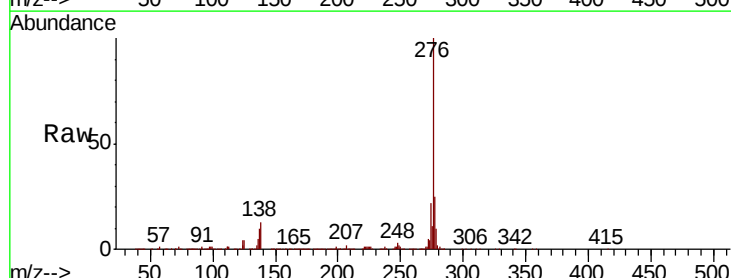
Tgt Ion:276 Resp: 2181674

Ion Ratio Lower Upper

276 100

138 6.2 9.6 14.4#

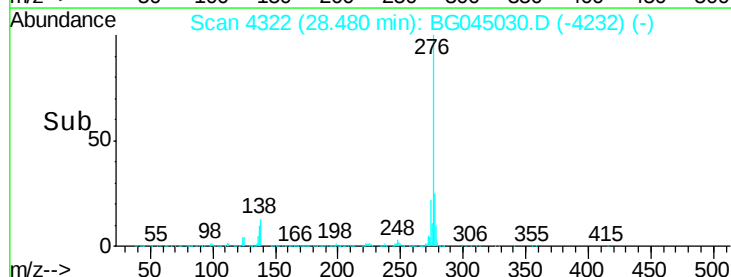
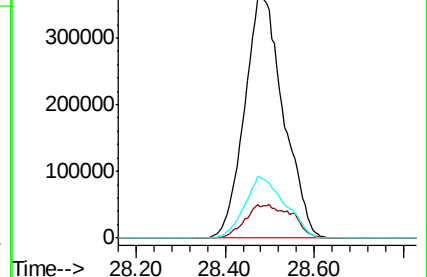
277 26.3 20.6 31.0

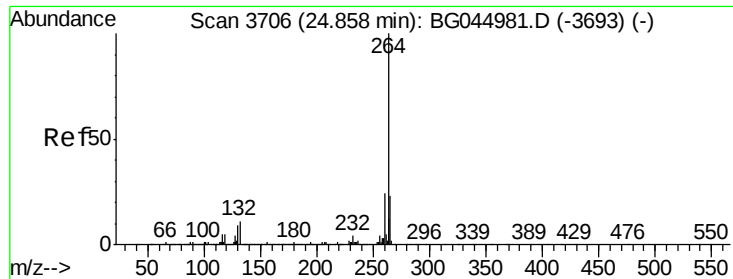


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.86 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Instrument :

BNA_G

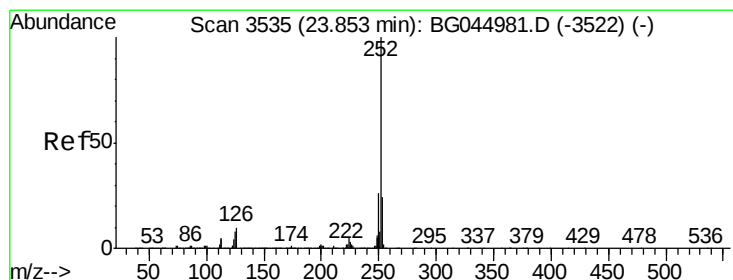
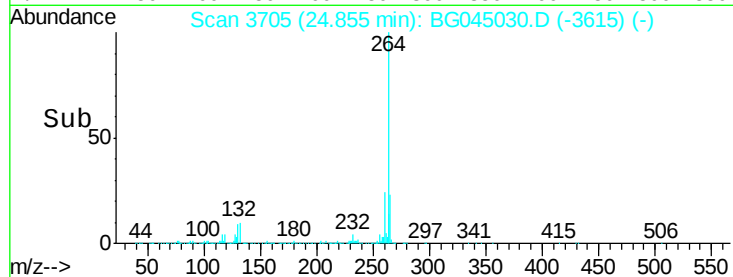
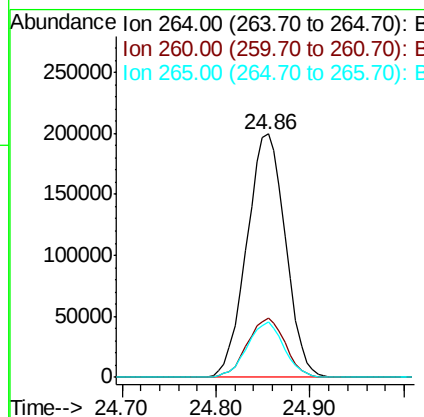
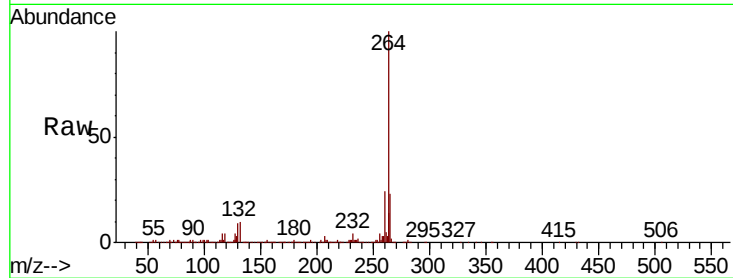
ClientSampleId :

TP-11-SAMS

Tot Ion:	264	Resp:	568245
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.9	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 50.977 ng

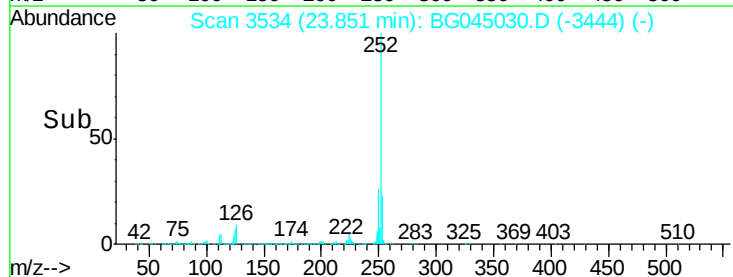
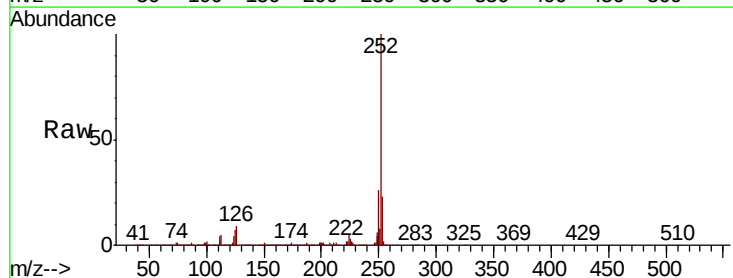
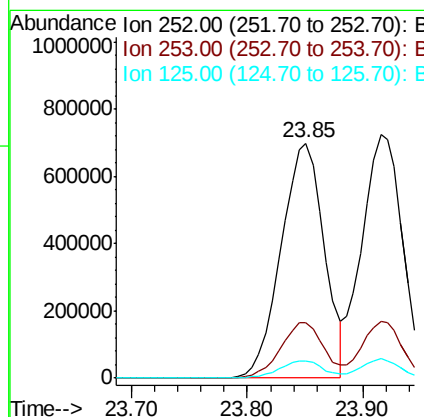
RT: 23.85 min Scan# 3534

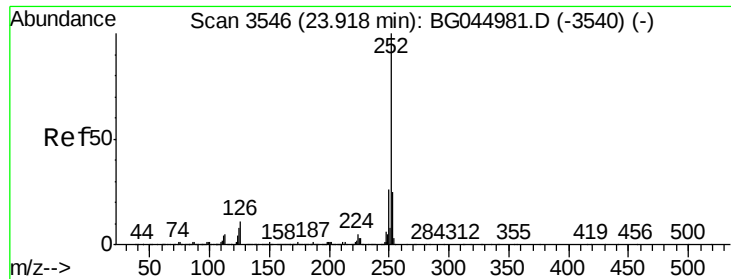
Delta R.T. 0.00 min

Lab File: BG045030.D

Acq: 17 Apr 2020 13:08

Tgt Ion:	252	Resp:	1814513
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.8	28.2
125	7.3	6.2	9.4





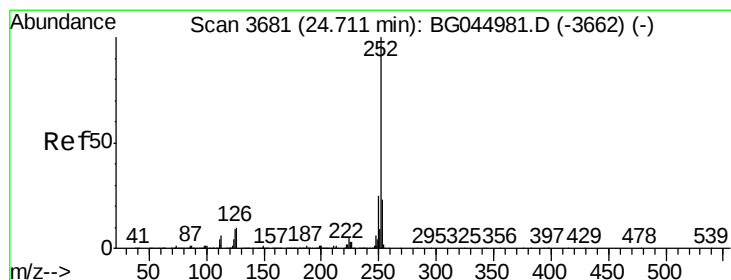
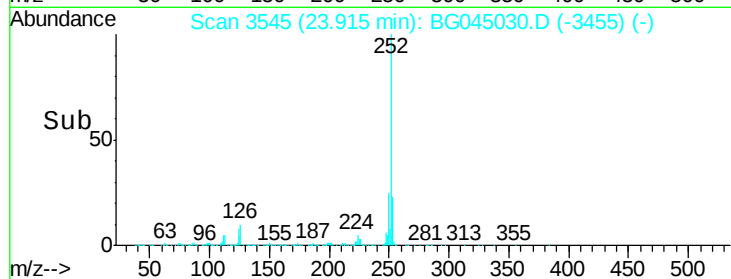
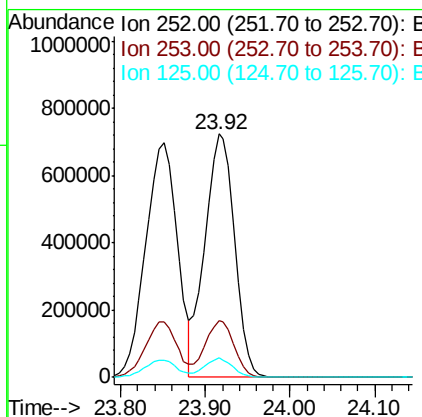
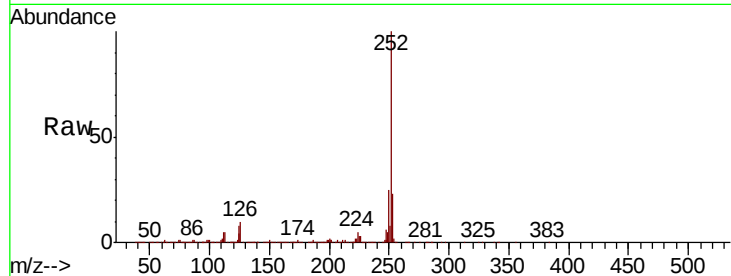
#89
Benzo(k)fluoranthene
Concen: 52.554 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	8.1	5.9	8.9

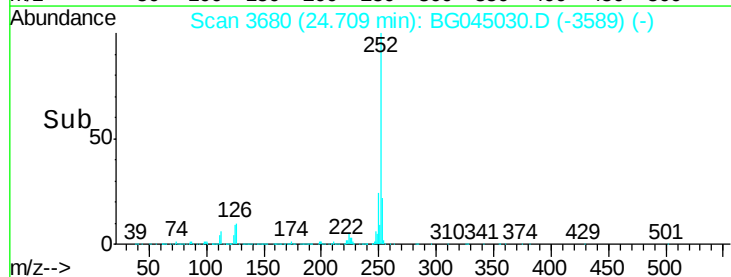
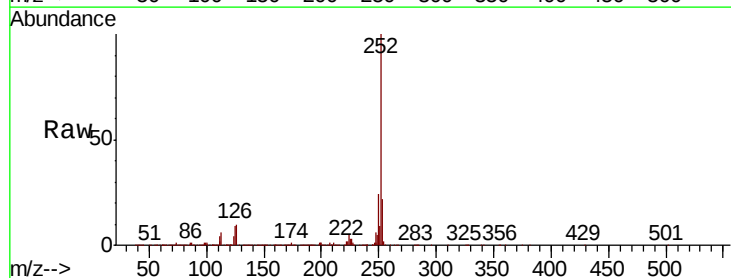
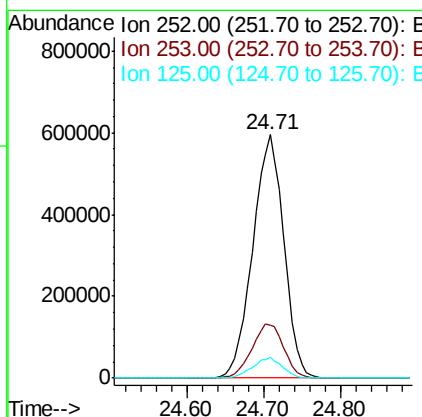
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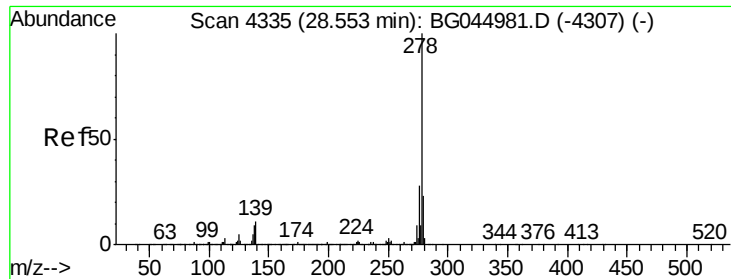
mohammad
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#90
Benzo(a)pyrene
Concen: 49.908 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	8.5	7.0	10.6





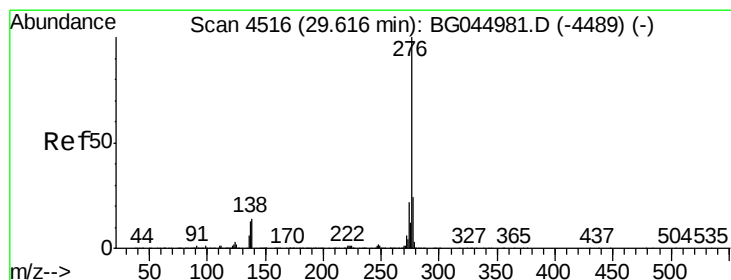
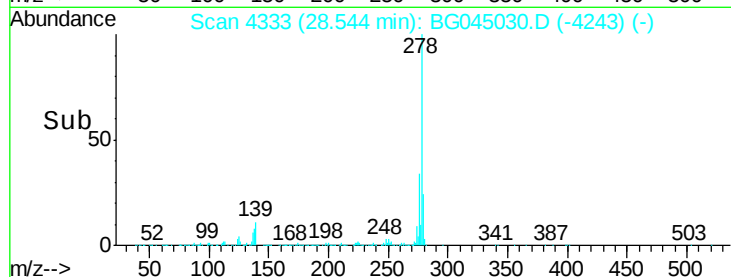
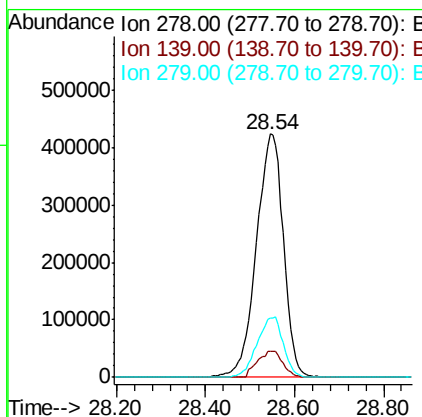
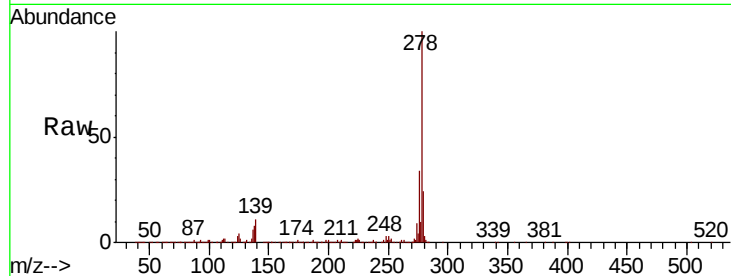
#91
Dibenzo(a,h)anthracene
Concen: 52.315 ng
RT: 28.54 min Scan# 4333
Delta R.T. 0.00 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Instrument :
BNA_G
ClientSampleId :
TP-11-SAMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.0	13.6
279	24.3	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.575 ng
RT: 29.61 min Scan# 4515
Delta R.T. 0.01 min
Lab File: BG045030.D
Acq: 17 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	14.5	11.4	17.2

