

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045137.D
 Acq On : 22 Apr 2020 22:06
 Operator : CG/JU
 Sample : L2327-30MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:19:22 AM

Quant Time: Apr 23 02:59:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	323471	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	221163	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	487004	20.00	ng	0.00
76) Chrysene-d12	21.67	240	442261	20.00	ng	0.00
87) Perylene-d12	24.85	264	485160	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	730667	146.80	ng	0.00
7) Phenol-d6	7.18	99	1034710	139.92	ng	0.00
23) Nitrobenzene-d5	9.18	82	682113	96.22	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	483957	141.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1492516	98.95	ng	0.00
79) Terphenyl-d14	20.01	244	2183105	107.59	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	87613	39.608	ng	98
3) Pyridine	3.87	79	258459	37.949	ng	100
4) n-Nitrosodimethylamine	3.78	42	105766	50.693	ng	# 94
6) Aniline	7.34	93	331973	34.526	ng	98
8) 2-Chlorophenol	7.58	128	307320	57.450	ng	99
9) Benzaldehyde	7.14	77	148079	33.896	ng	96
10) Phenol	7.21	94	412445	55.734	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	282195	47.896	ng	96
12) 1,3-Dichlorobenzene	7.91	146	327383	51.937	ng	98
13) 1,4-Dichlorobenzene	8.05	146	327179	52.090	ng	96
14) 1,2-Dichlorobenzene	8.37	146	307470	51.168	ng	95
15) Benzyl Alcohol	8.25	79	312841	50.456	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	259192	44.815	ng	93
17) 2-Methylphenol	8.47	107	276767	48.474	ng	95
18) Hexachloroethane	9.11	117	123871	52.460	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	242812	46.428	ng	97
20) 3+4-Methylphenols	8.79	107	378625	47.377	ng	98
22) Acetophenone	8.84	105	454260	51.930	ng	# 99
24) Nitrobenzene	9.22	77	385741	53.083	ng	98
25) Isophorone	9.75	82	677906	46.695	ng	98
26) 2-Nitrophenol	9.93	139	176256	56.310	ng	97
27) 2,4-Dimethylphenol	10.00	122	278416	56.058	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	384584	50.419	ng	99
29) 2,4-Dichlorophenol	10.47	162	322779	56.284	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	352202	54.243	ng	97
31) Naphthalene	10.87	128	931853	52.661	ng	98
32) Benzoic acid	10.16	122	216399	53.147	ng	99
33) 4-Chloroaniline	10.97	127	123212	14.930	ng	98
34) Hexachlorobutadiene	11.17	225	244222	54.860	ng	98
35) Caprolactam	11.76	113	104543m	45.803	ng	
36) 4-Chloro-3-methylphenol	12.11	107	350455	52.020	ng	98
37) 2-Methylnaphthalene	12.48	142	705345	51.354	ng	96
38) 1-Methylnaphthalene	12.70	142	663961	51.206	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	402341	56.502	ng	99

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 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	457620	102.821	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	287371	57.181	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	297057	51.928	nq	99
46) 1,1'-Biphenyl	13.49	154	876687	52.153	nq	99
47) 2-Chloronaphthalene	13.53	162	691726	53.854	nq	100
48) 2-Nitroaniline	13.72	65	214820	50.832	nq	98
49) Acenaphthylene	14.38	152	1099214	52.539	nq	98
50) Dimethylphthalate	14.11	163	1120851	62.242	nq	98
51) 2,6-Dinitrotoluene	14.22	165	206865	51.358	nq	95
52) Acenaphthene	14.72	154	784540m	55.422	nq	
53) 3-Nitroaniline	14.55	138	131816	29.838	nq	99
54) 2,4-Dinitrophenol	14.76	184	186391	77.822	nq	92
55) Dibenzofuran	15.05	168	1057030	51.218	nq	97
56) 4-Nitrophenol	14.87	139	335395	97.917	nq	95
57) 2,4-Dinitrotoluene	15.01	165	291883	49.586	nq	97
58) Fluorene	15.70	166	861201	51.088	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	283328	55.664	nq	99
60) Diethylphthalate	15.47	149	899583	47.913	nq	100
61) 4-Chlorophenyl-phenylether	15.69	204	485822	50.070	nq	99
62) 4-Nitroaniline	15.71	138	185773	40.544	nq	93
63) Azobenzene	15.98	77	874060	50.494	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	140525	43.899	nq	99
66) n-Nitrosodiphenylamine	15.91	169	775770	55.442	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	334427	53.230	nq	97
68) Hexachlorobenzene	16.71	284	367781	56.443	nq	96
69) Atrazine	16.86	200	309902	62.590	nq	97
70) Pentachlorophenol	17.05	266	445122	111.356	nq	99
71) Phenanthrene	17.44	178	1333999	53.305	nq	99
72) Anthracene	17.53	178	1363827	54.328	nq	99
73) Carbazole	17.80	167	1242219	48.762	nq	99
74) Di-n-butylphthalate	18.36	149	1472311	54.355	nq	99
75) Fluoranthene	19.45	202	1604342	56.058	nq	98
77) Benzidine	19.63	184	772223	62.616	nq	97
78) Pyrene	19.81	202	1587826	52.078	nq	99
80) Butylbenzylphthalate	20.70	149	650083	51.437	nq	96
81) Benzo(a)anthracene	21.65	228	1536365	53.598	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	453868	39.781	nq	96
83) Chrysene	21.71	228	1473234	53.491	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	910184	52.363	nq	100
85) Di-n-octyl phthalate	22.76	149	1531906	50.965	nq	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	2003193	54.782	nq	97
88) Benzo(b)fluoranthene	23.85	252	1677678	55.205	nq	99
89) Benzo(k)fluoranthene	23.92	252	1575057	54.498	nq	98
90) Benzo(a)pyrene	24.71	252	1531536	53.376	nq	98
91) Dibenzo(a,h)anthracene	28.54	278	1624522	56.188	nq	97
92) Benzo(g,h,i)perylene	29.61	276	1584976	54.680	nq	98

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



#1

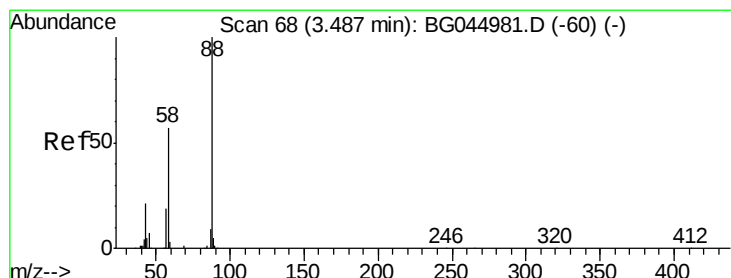
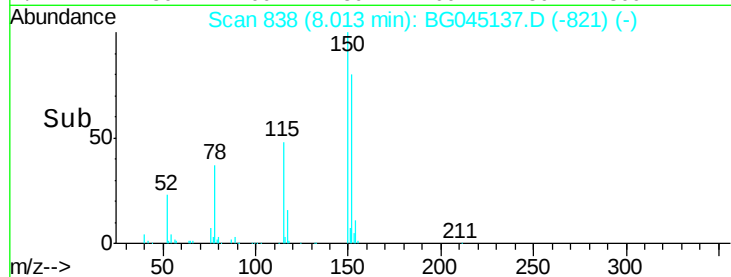
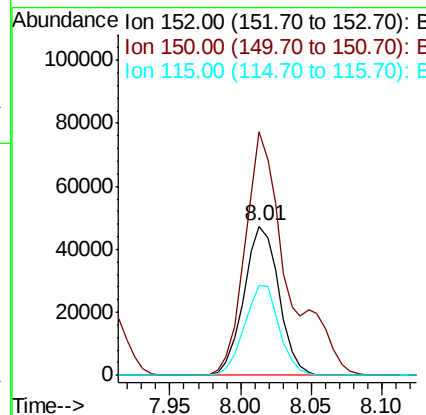
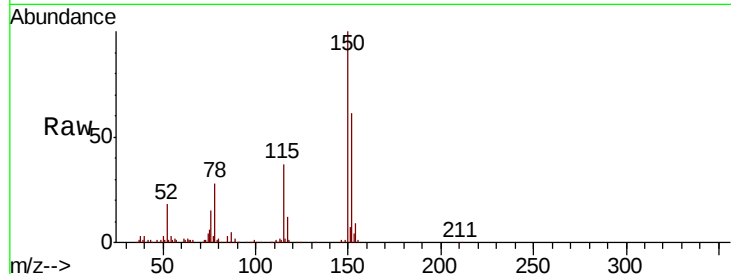
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampled :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	123.6	185.4
115	60.0	49.1	73.7

Manual Integrations
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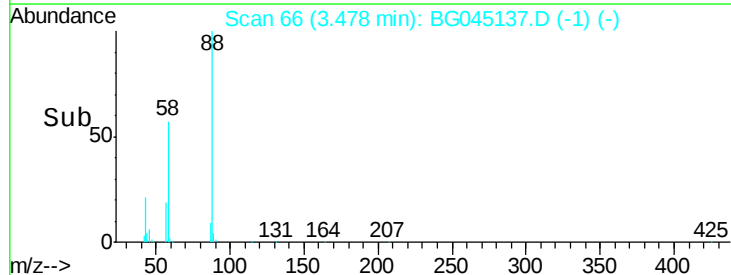
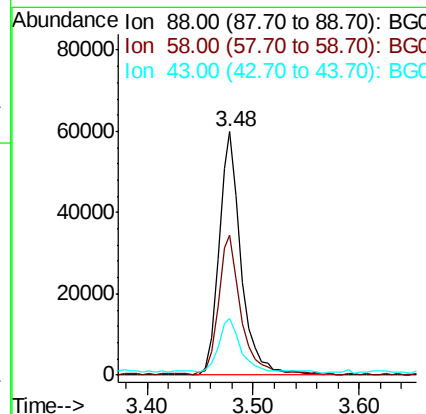
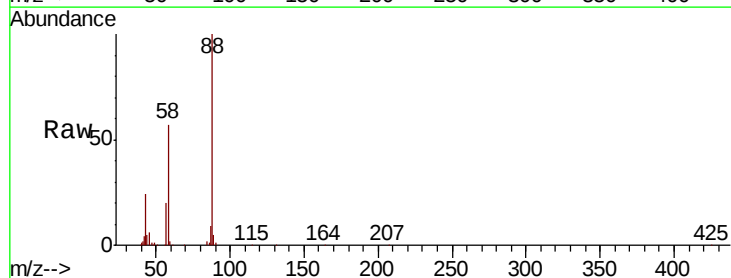
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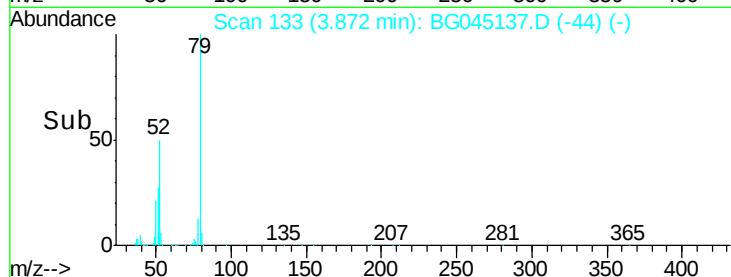
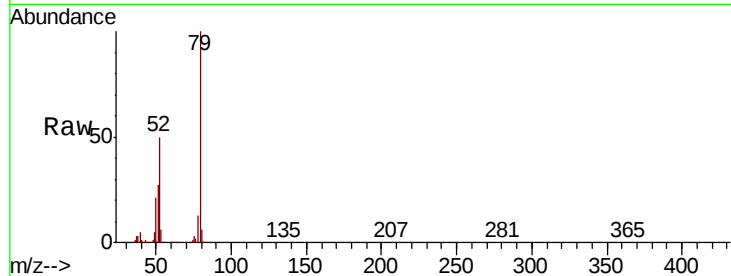
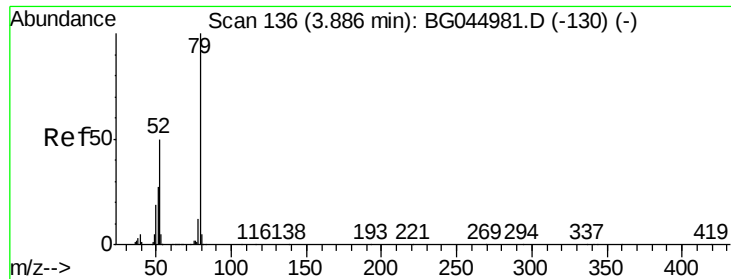


#2

1,4-Dioxane
Concen: 39.608 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	46.6	69.8
43	22.3	17.5	26.3





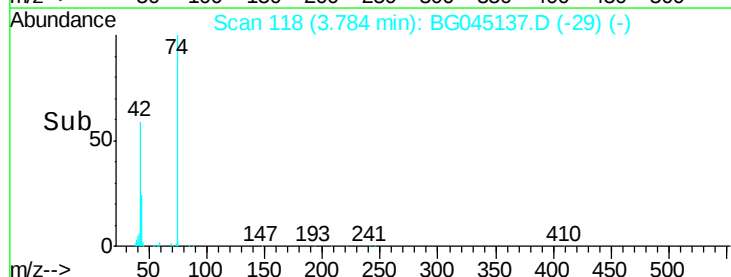
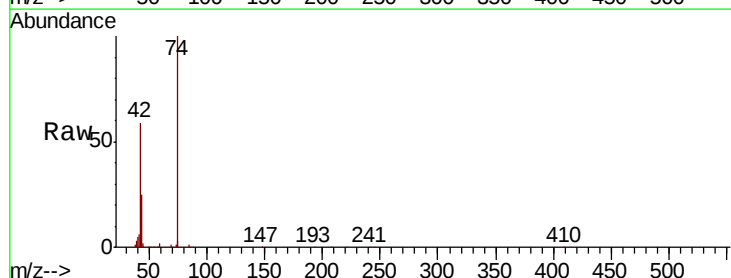
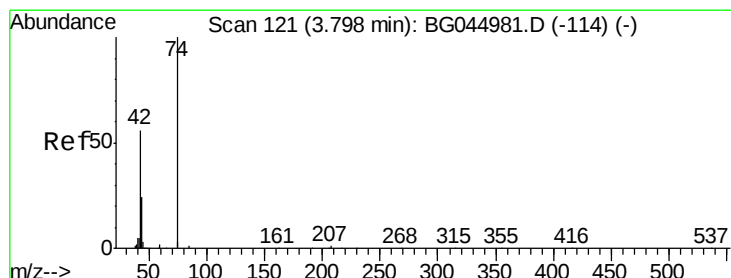
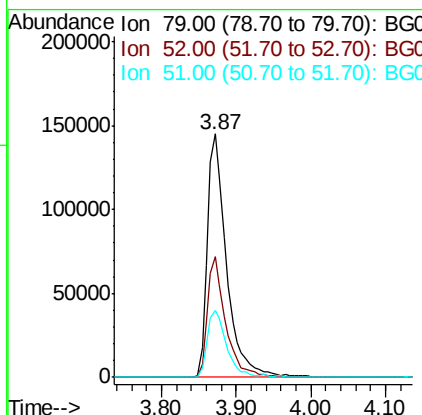
#3
Pvridine
Concen: 37.949 ng
RT: 3.87 min Scan# 133
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	49.7	39.8	59.6
51	27.3	21.4	32.2

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

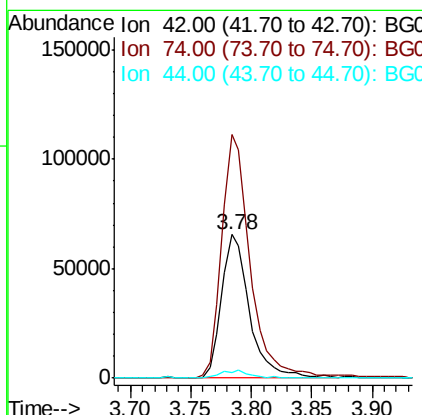
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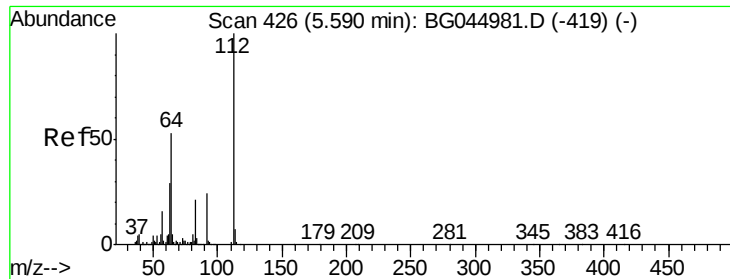
mohammad
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#4
n-Nitrosodimethylamine
Concen: 50.693 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.0	143.0	214.6
44	4.2	4.6	6.8#





#5

2-Fluorophenol

Concen: 146.797 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

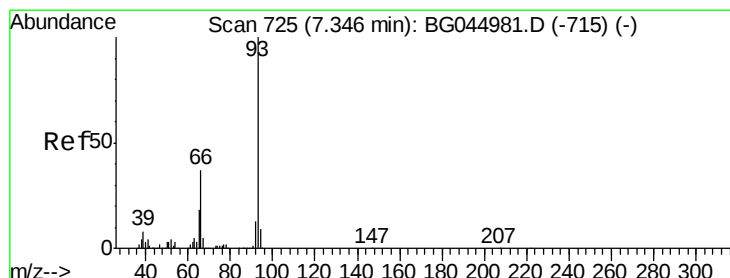
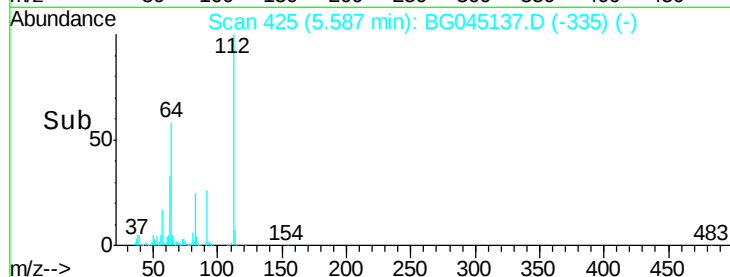
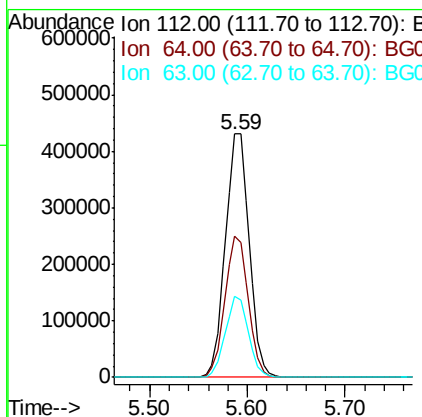
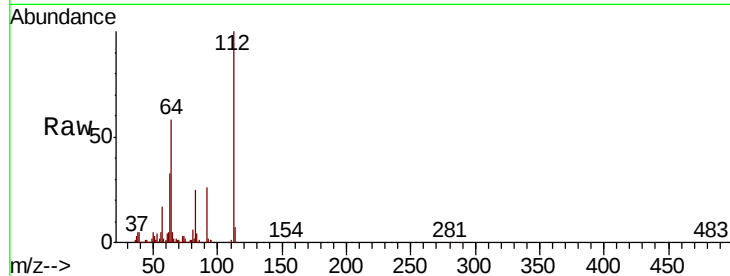
ClientSampleId :

TP-4-DMSD

Tot Ion:	112	Resp:	730667
Ion Ratio	Lower	Upper	
112	100		
64	58.1	42.4	63.6
63	33.4	23.1	34.7

Manual Integrations
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#6

Aniline

Concen: 34.526 ng

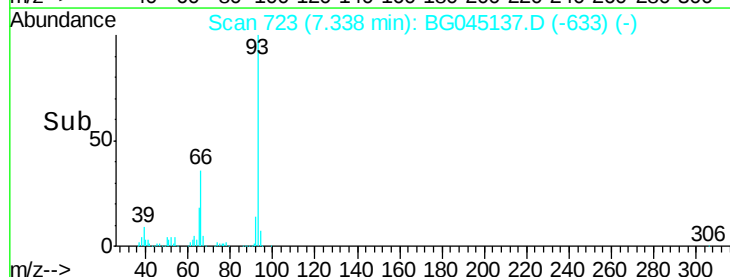
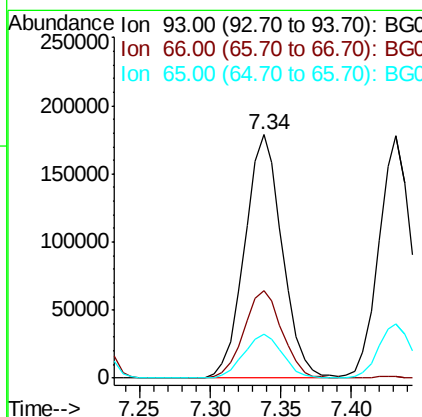
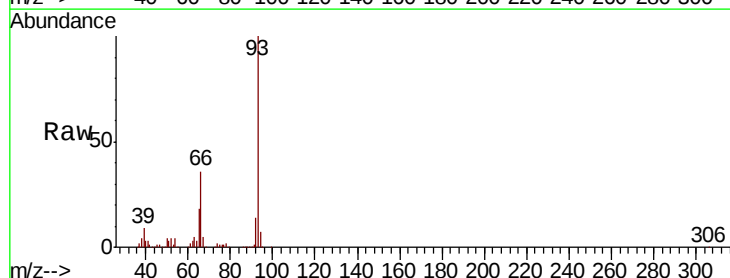
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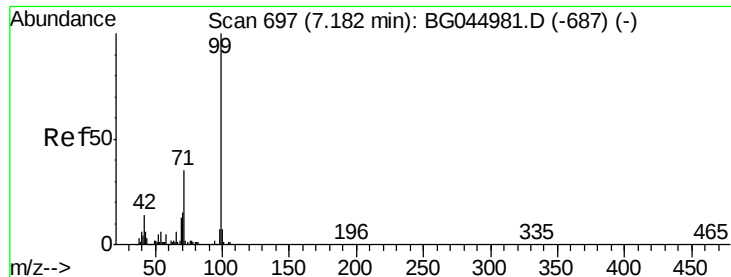
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	93	Resp:	331973
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.8	44.8
65	18.1	14.6	22.0





#7

Phenol-d6

Concen: 139.917 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

TP-4-DMSD

Tot Ion: 99 Resp: 1034710

Ion Ratio Lower Upper

99 100

42 15.2 11.3 16.9

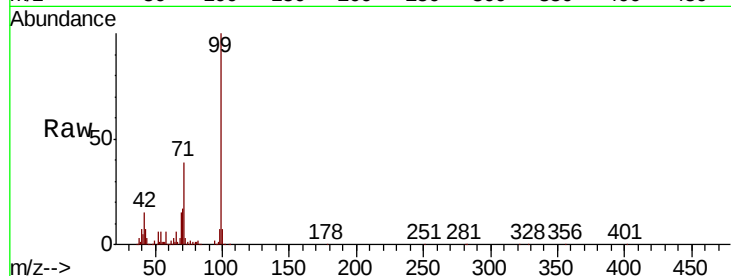
71 39.0 28.3 42.5

Manual Integrations

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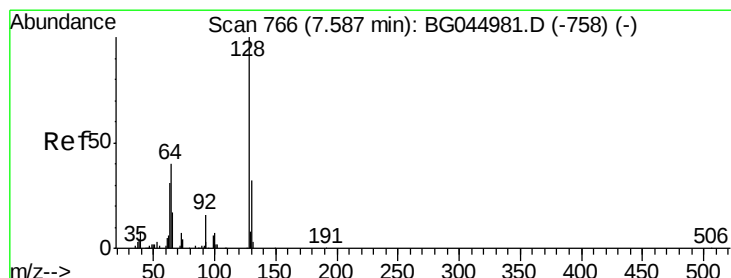
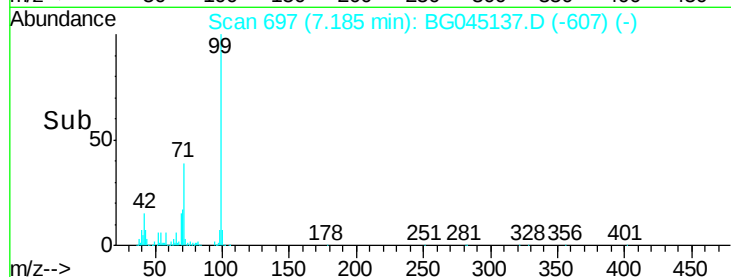
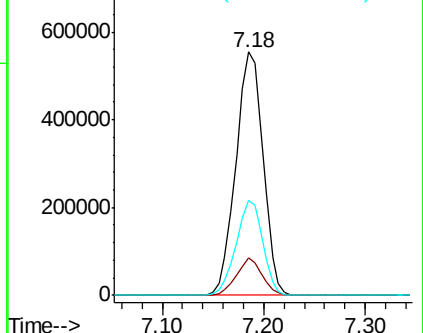
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 57.450 ng

RT: 7.58 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

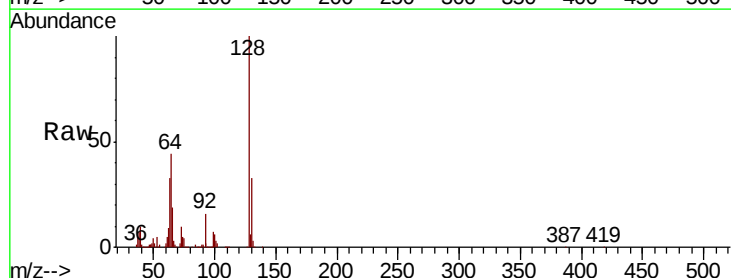
Tgt Ion: 128 Resp: 307320

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

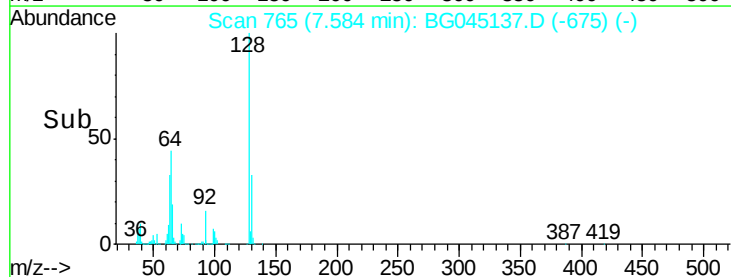
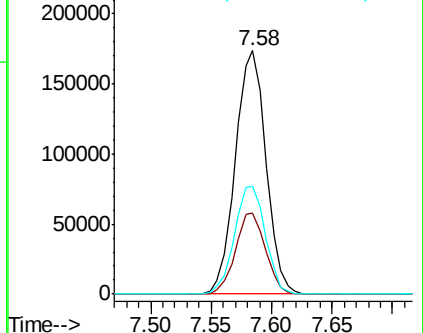
64 44.2 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





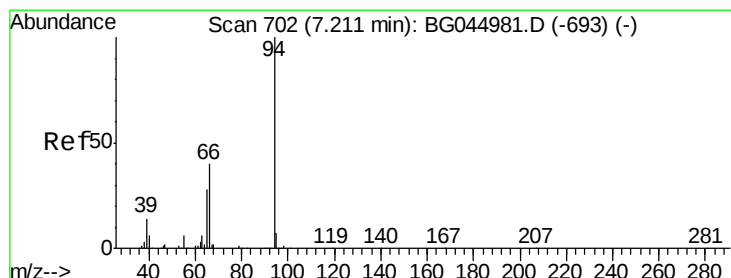
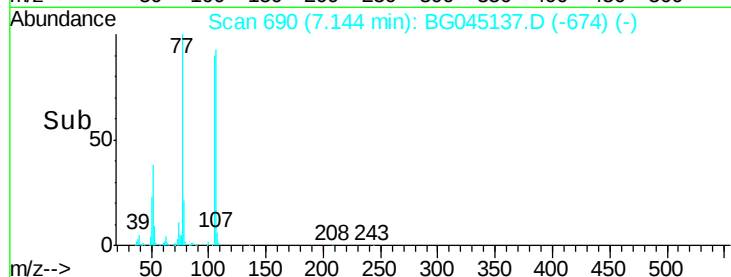
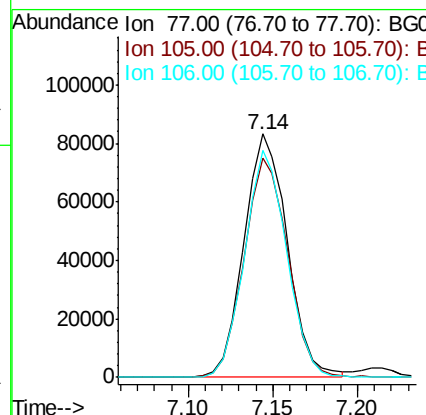
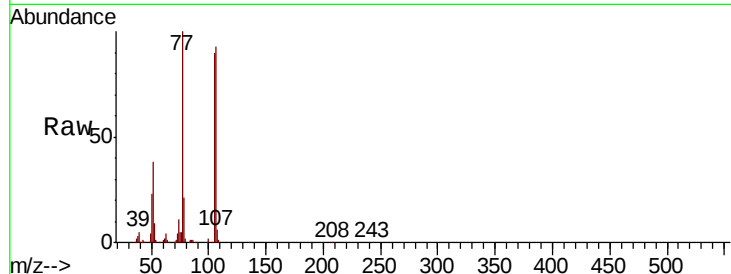
#9
Benzaldehyde
Concen: 33.896 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	72.9	112.9
106	93.4	67.6	107.6

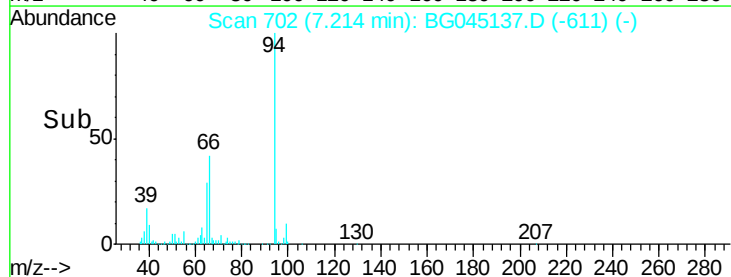
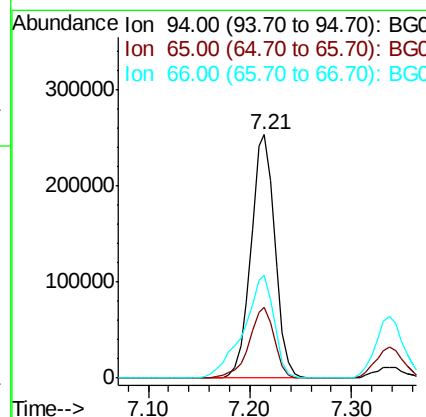
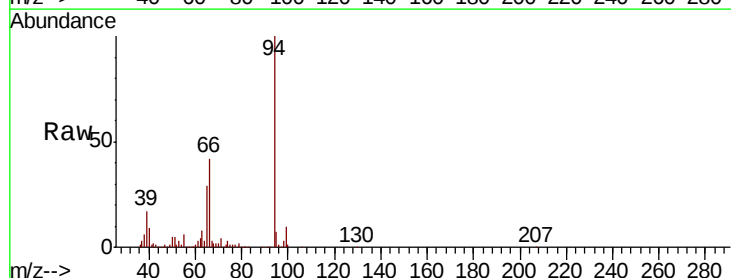
Manual Integrations
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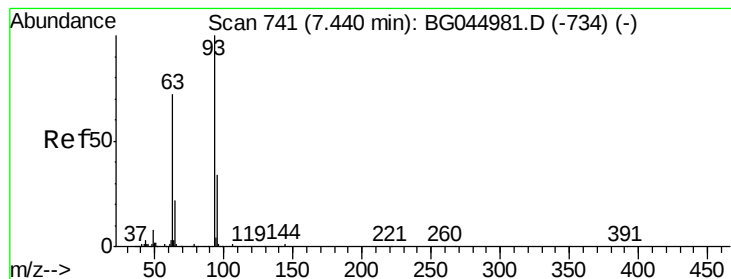
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#10
Phenol
Concen: 55.734 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.2	48.2
66	42.4	20.4	60.4





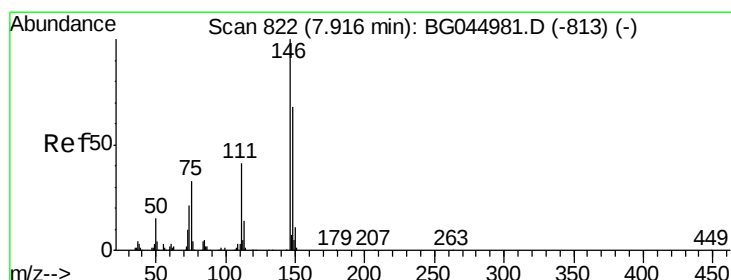
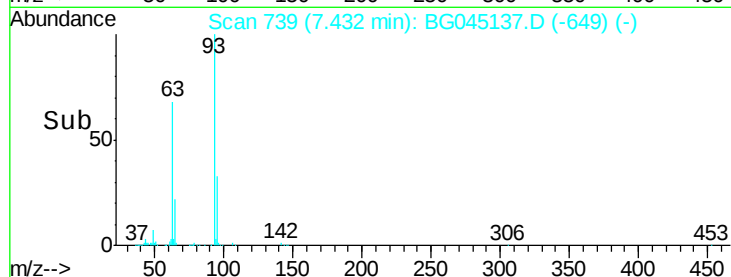
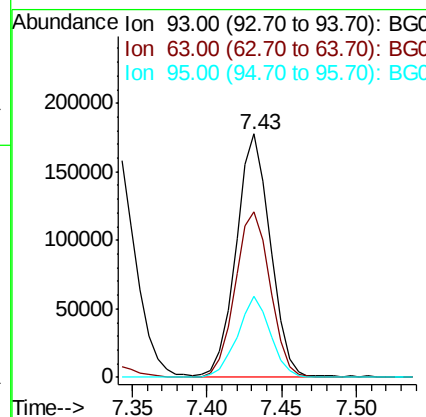
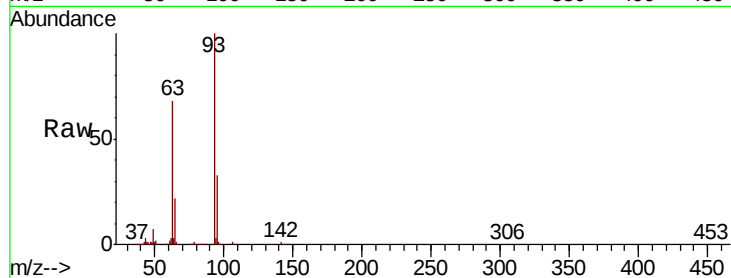
#11
bis(2-Chloroethyl)ether
Concen: 47.896 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	282195		
63	67.9		51.8	91.8
95	33.1		13.8	53.8

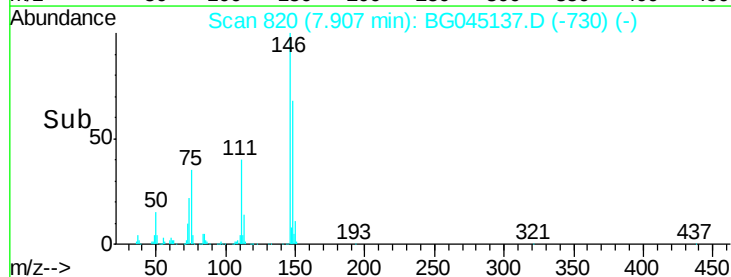
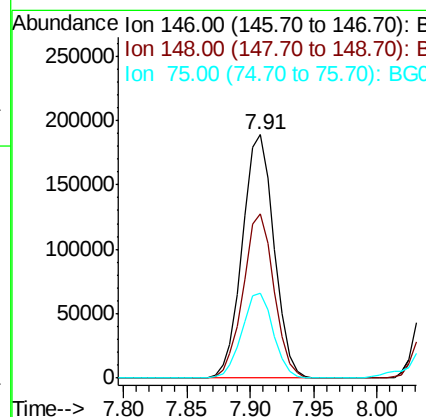
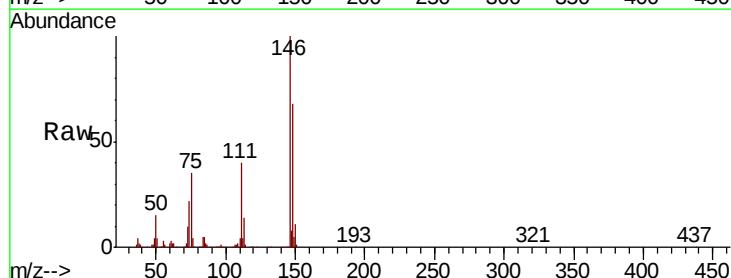
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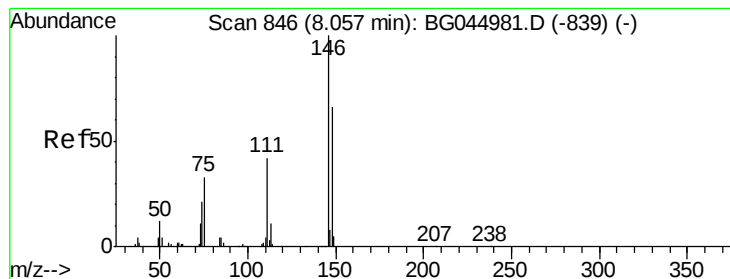
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.937 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	327383		
148	67.6		54.6	81.8
75	34.9		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 52.090 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

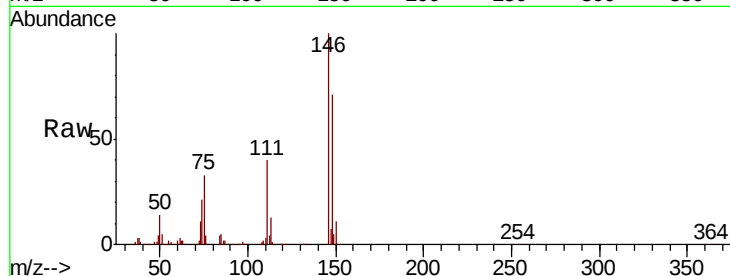
ClientSampleId :

TP-4-DMSD

Tot Ion:	146	Resp:	327179
Ion Ratio	Lower	Upper	
146	100		
148	70.6	53.3	79.9
111	40.3	33.8	50.8

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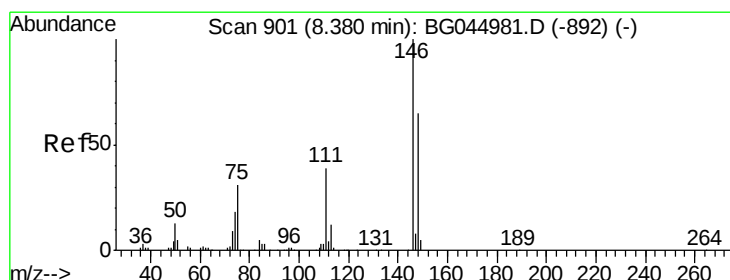
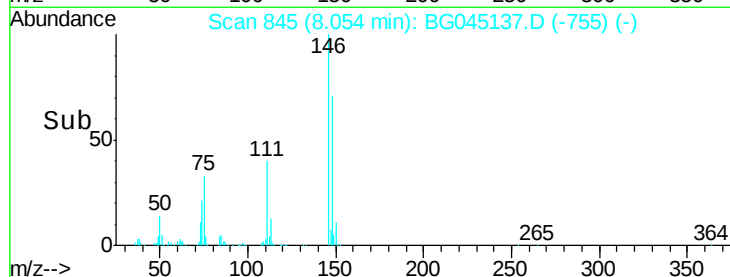
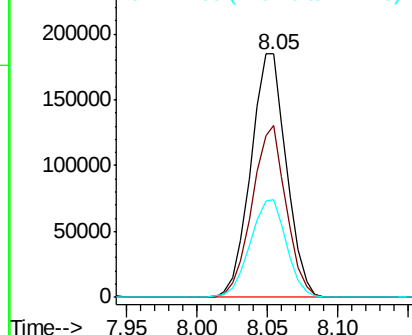


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.168 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

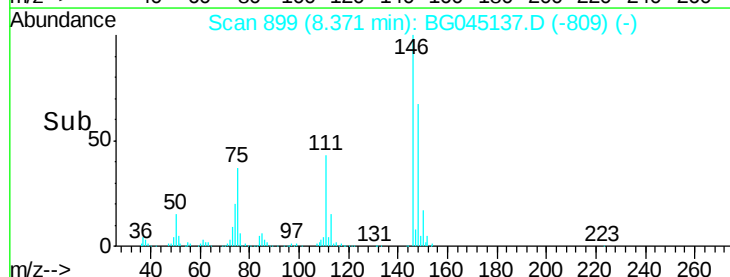
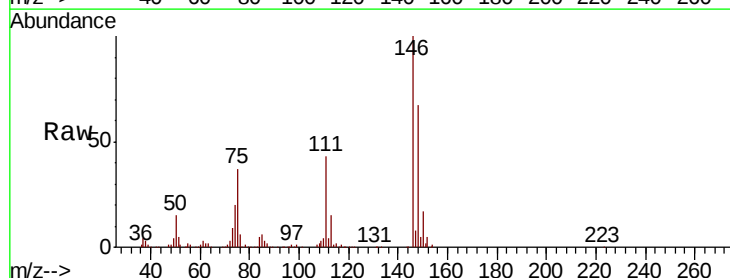
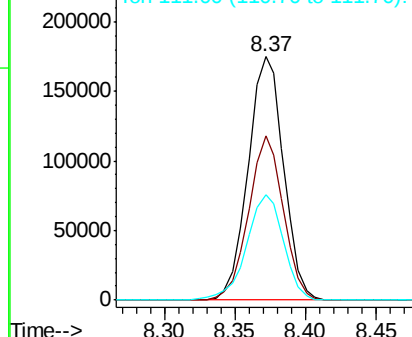
Tgt Ion:	146	Resp:	307470
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.9	77.9
111	43.2	31.3	46.9

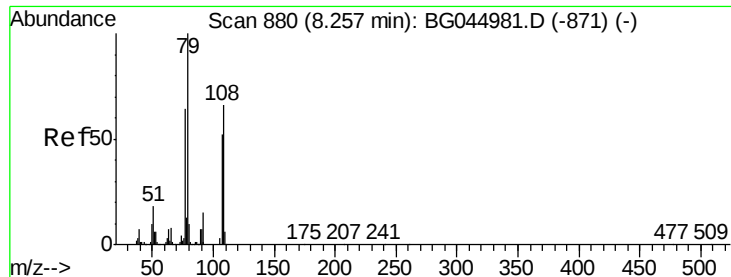
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.456 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

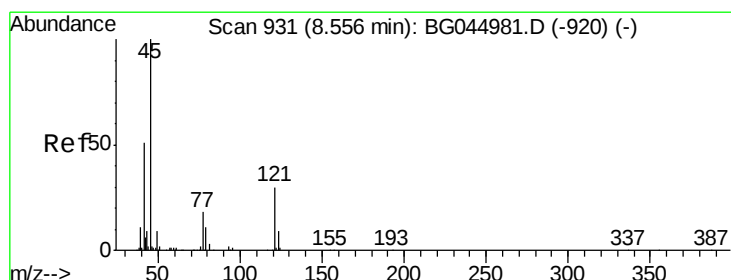
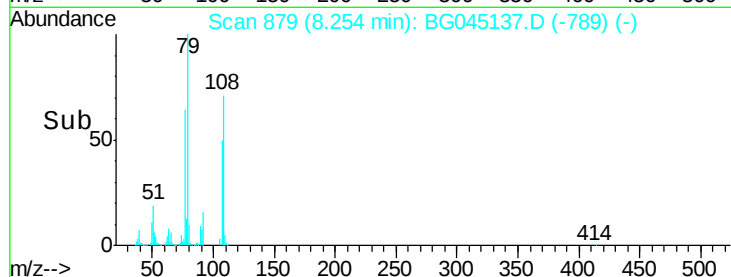
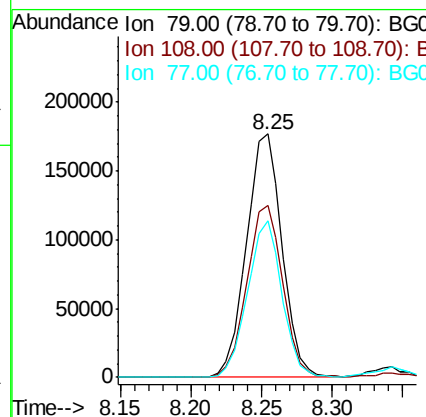
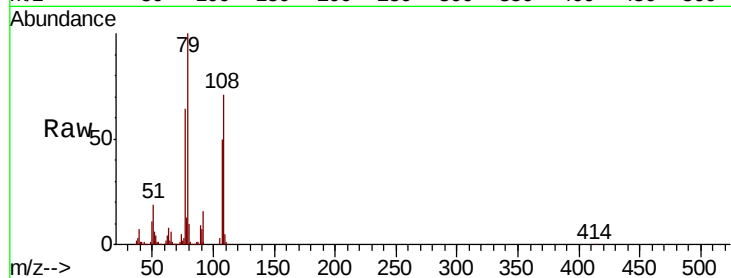
ClientSampleId :

TP-4-DMSD

Tot Ion:	79	Resp:	312841
Ion	Ratio	Lower	Upper
79	100		
108	70.7	52.7	79.1
77	64.1	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.815 ng

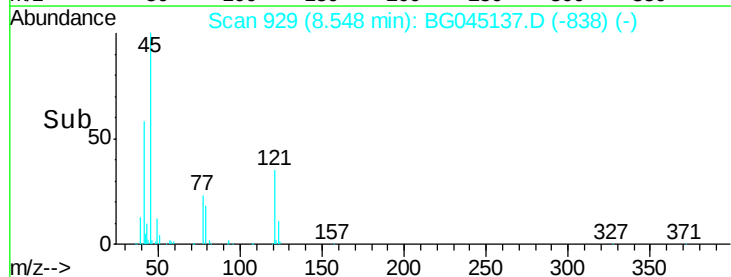
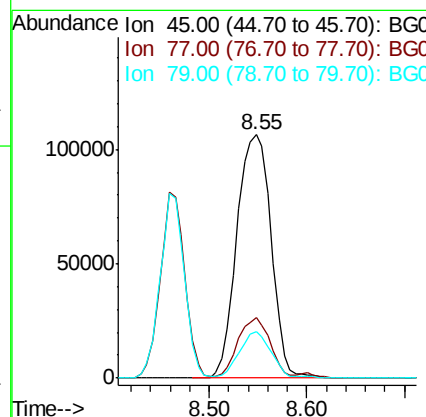
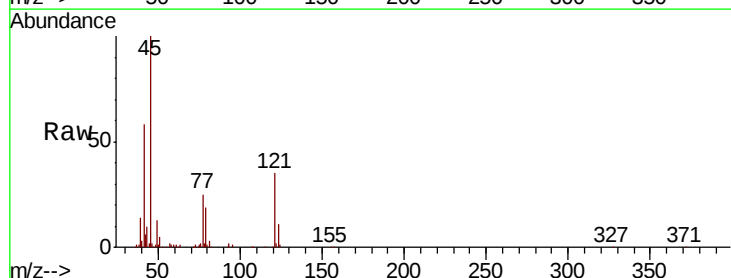
RT: 8.55 min Scan# 929

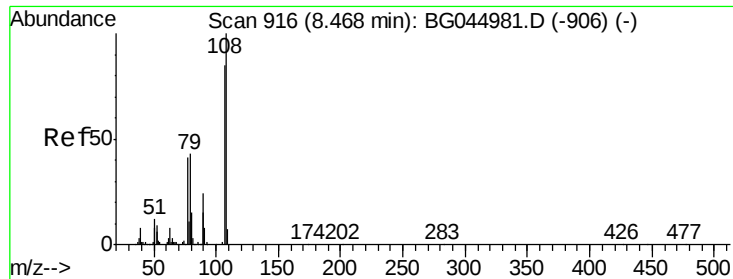
Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	45	Resp:	259192
Ion	Ratio	Lower	Upper
45	100		
77	24.8	1.9	41.9
79	19.1	0.0	35.5





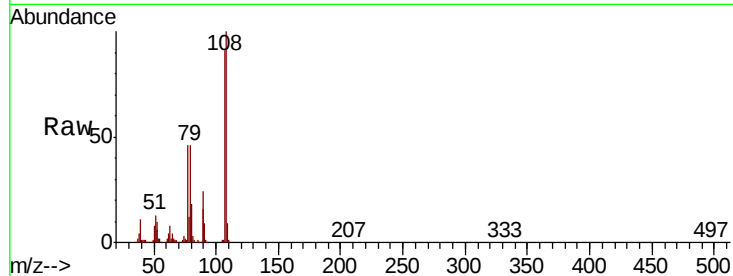
#17
2-Methylphenol
Concen: 48.474 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	93.8	140.6	
77	51.2	38.5	57.7	
79	50.8	40.1	60.1	

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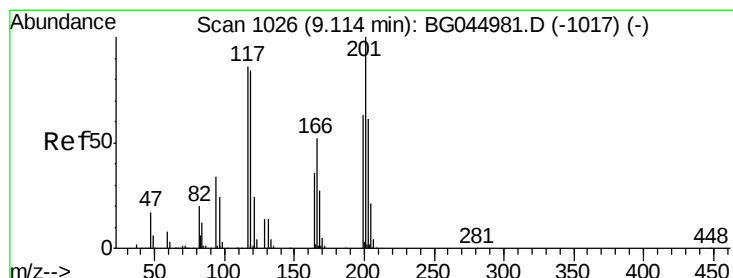
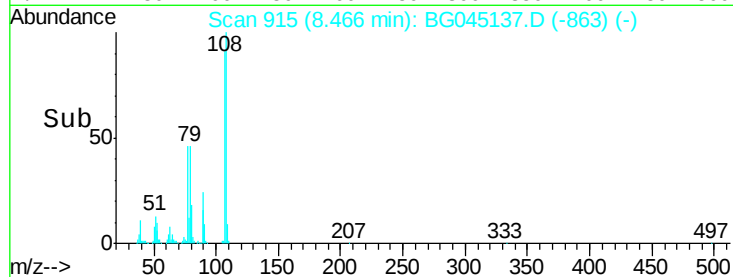
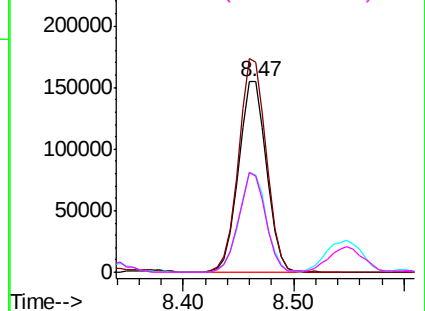
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

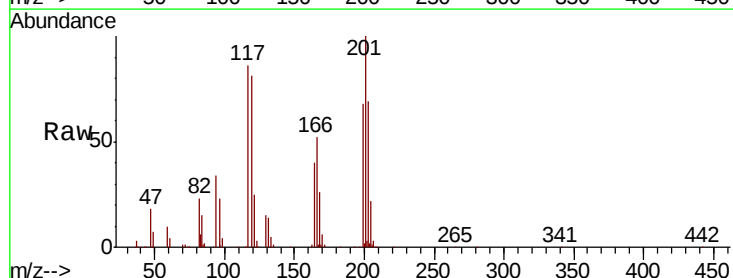
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 52.460 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.3	117.5	
201	116.6	92.9	139.3	

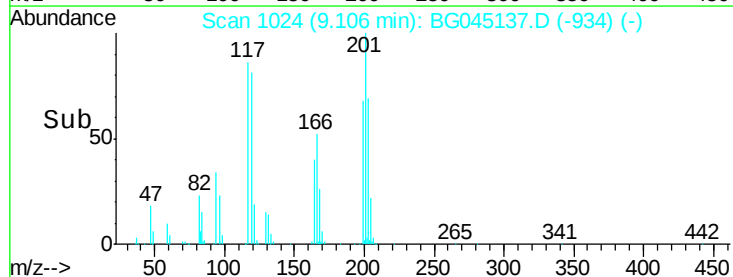
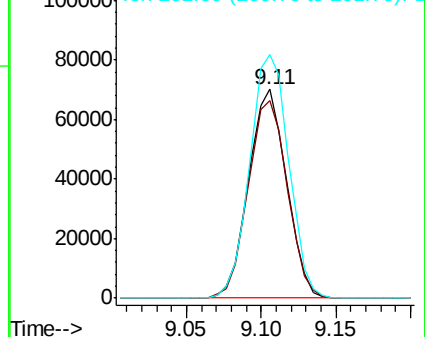


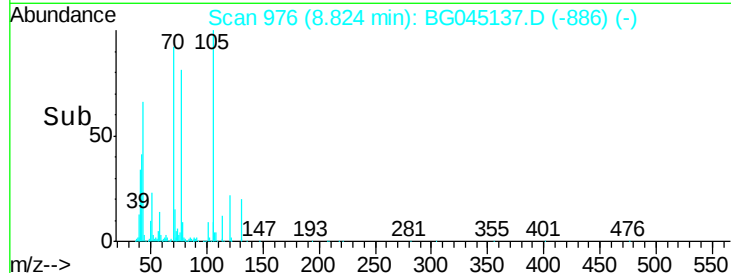
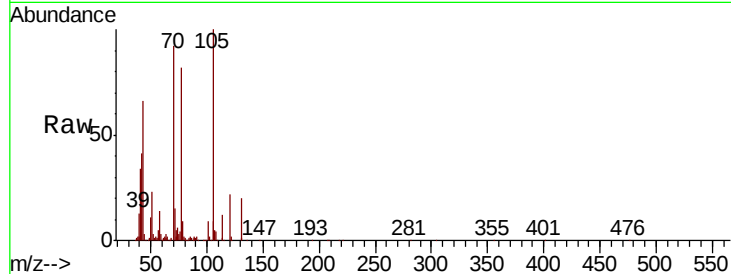
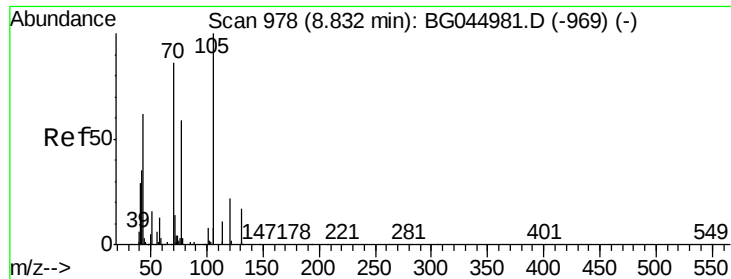
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





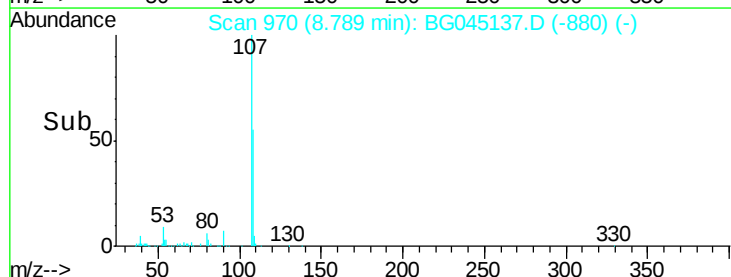
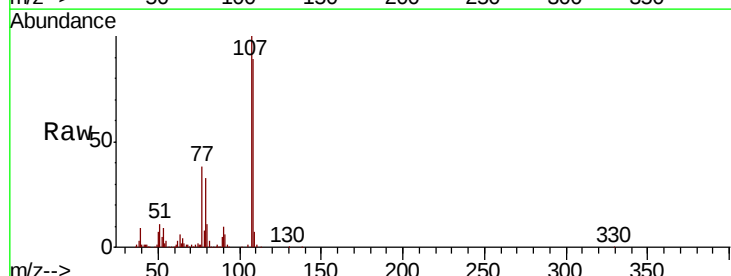
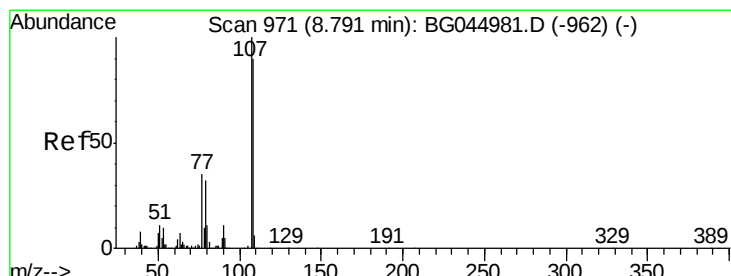
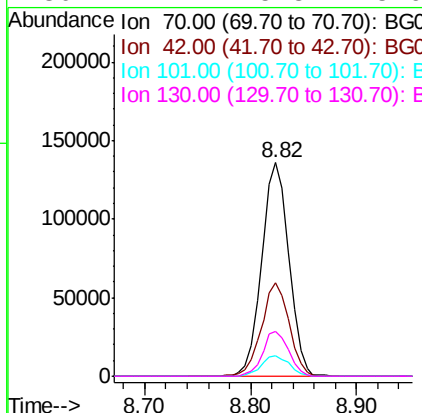
#19
n-Nitroso-di-n-propylamine
Concen: 46.428 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.9	33.3	49.9		
101	9.4	7.8	11.8		
130	21.1	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

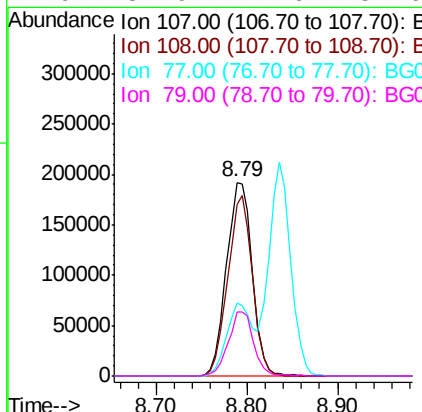
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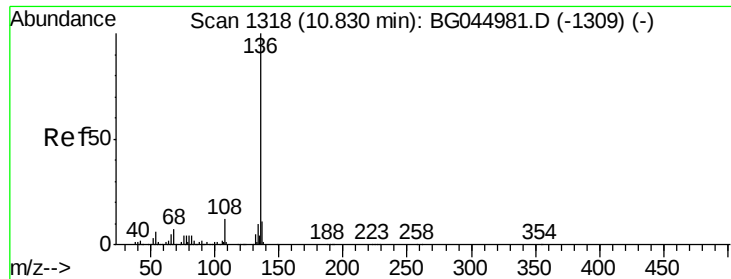
mohammad
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#20
3+4-Methylphenols
Concen: 47.377 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	69.9	109.9		
77	37.5	15.2	55.2		
79	32.9	11.6	51.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

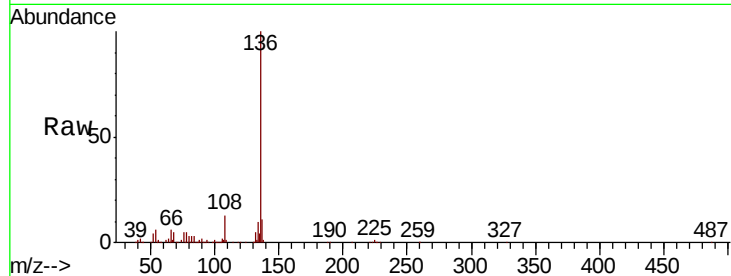
ClientSampleId :

TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.6	13.0	
54	6.4	4.8	7.2	
68	4.8	5.2	7.8	

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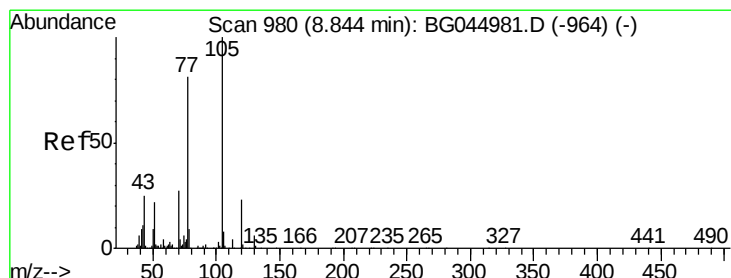
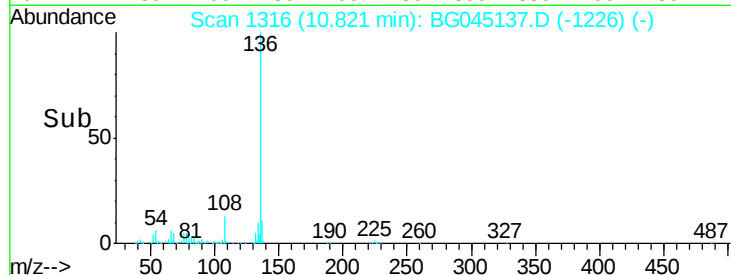
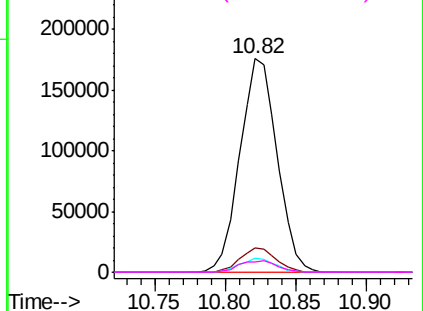
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 51.930 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	3.3	4.9	
51	21.7	17.3	25.9	
120	22.8	18.4	27.6	

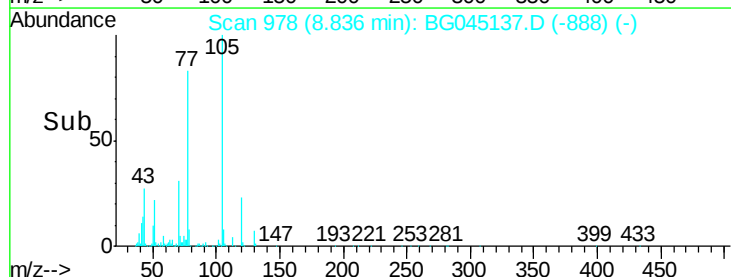
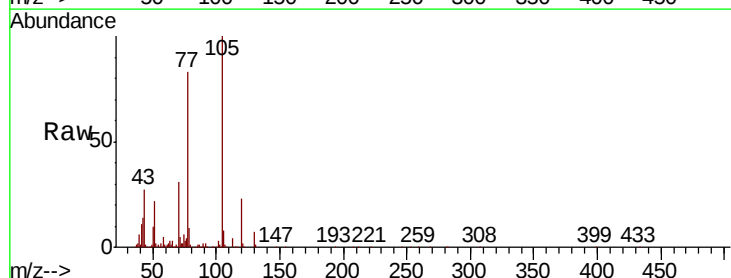
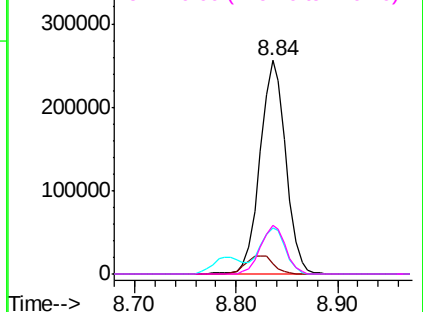
Abundance

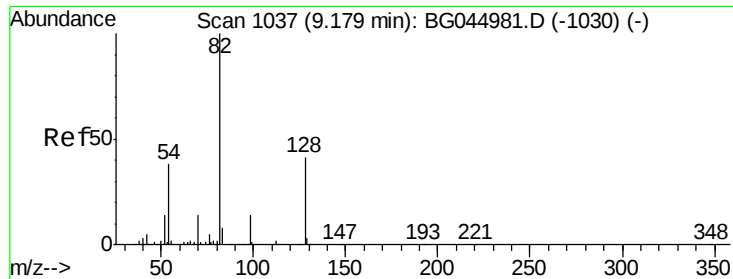
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





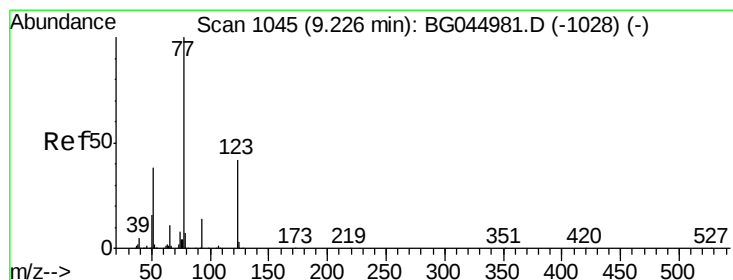
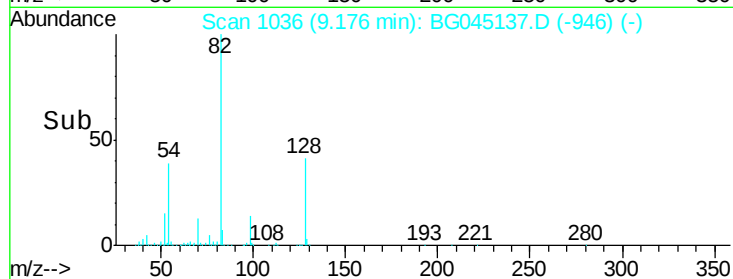
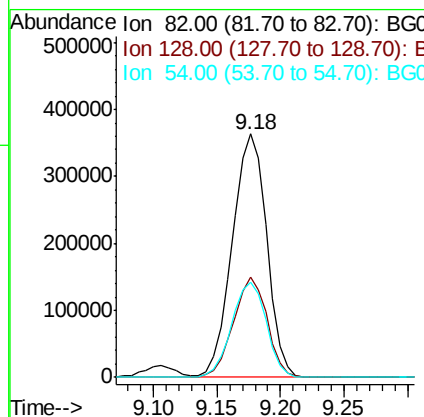
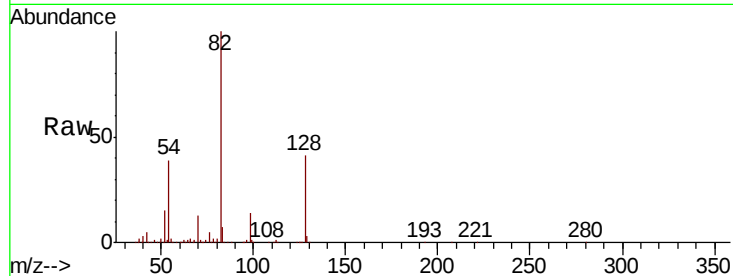
#23
 Nitrobenzene-d5
 Concen: 96.219 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	39.3	30.4	45.6

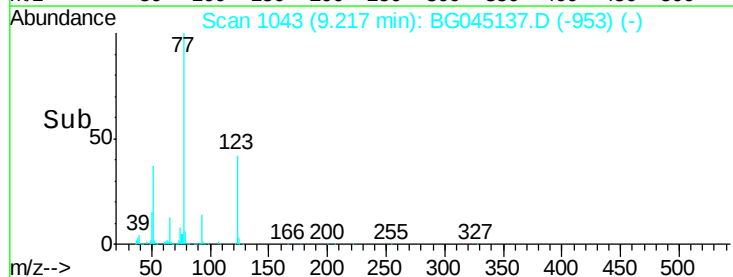
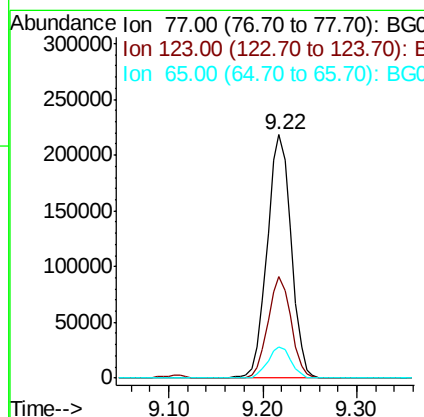
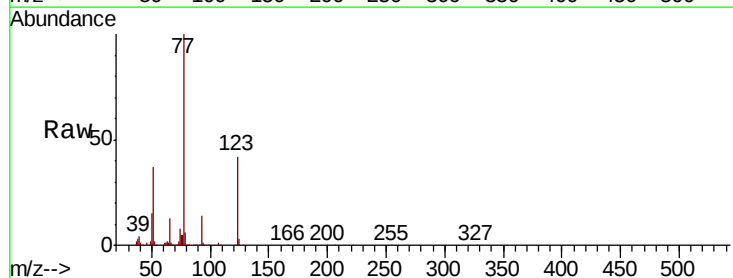
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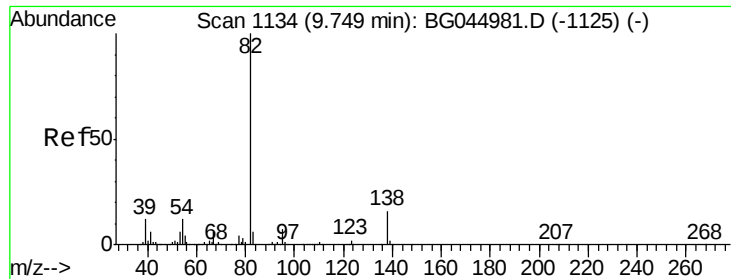
mohammad
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#24
 Nitrobenzene
 Concen: 53.083 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	34.3	51.5
65	12.9	8.9	13.3





#25

Isophorone

Concen: 46.695 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

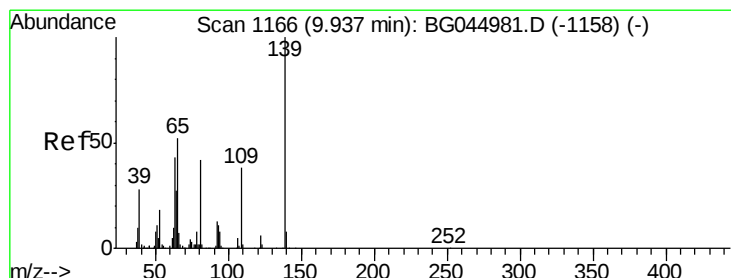
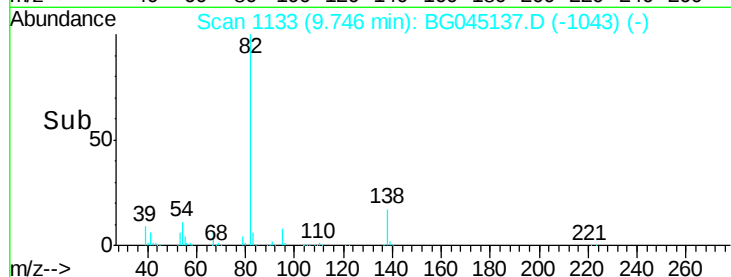
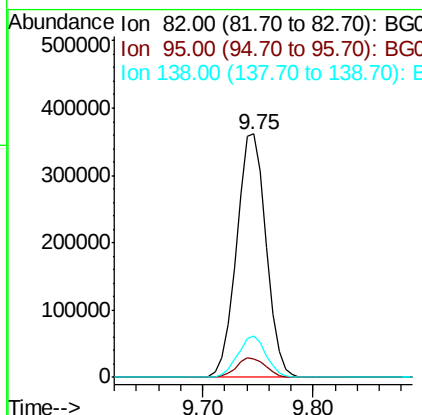
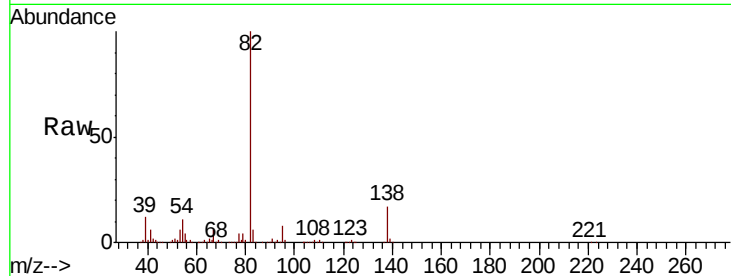
ClientSampleId :

TP-4-DMSD

Tot Ion:	82	Resp:	677906
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	17.2	12.7	19.1

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#26

2-Nitrophenol

Concen: 56.310 ng

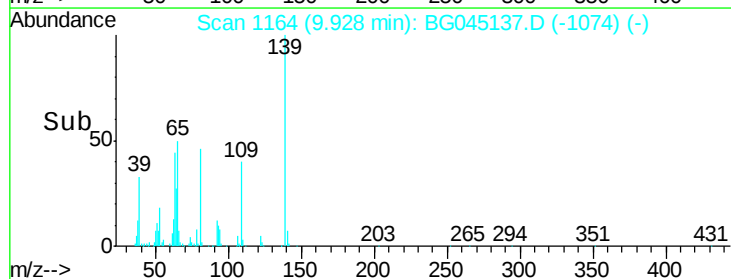
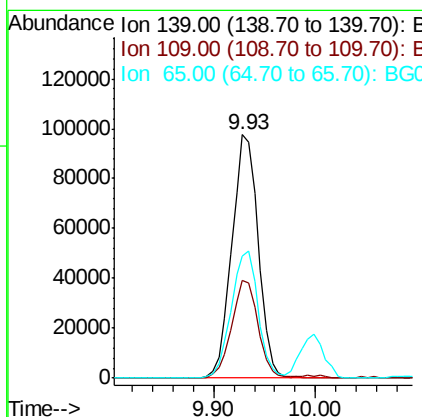
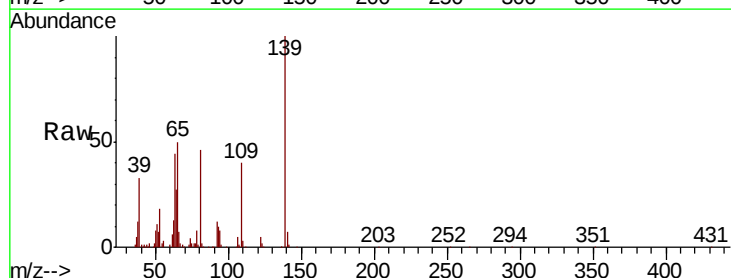
RT: 9.93 min Scan# 1164

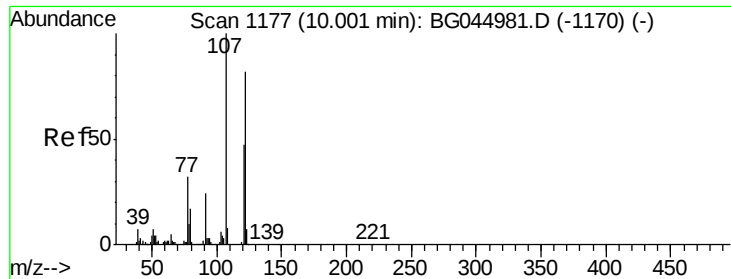
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	139	Resp:	176256
Ion	Ratio	Lower	Upper
139	100		
109	40.2	30.6	45.8
65	50.3	41.8	62.6





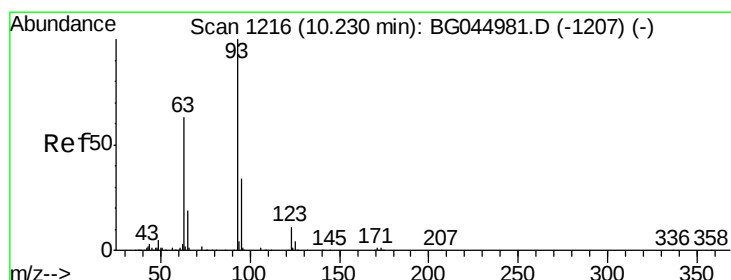
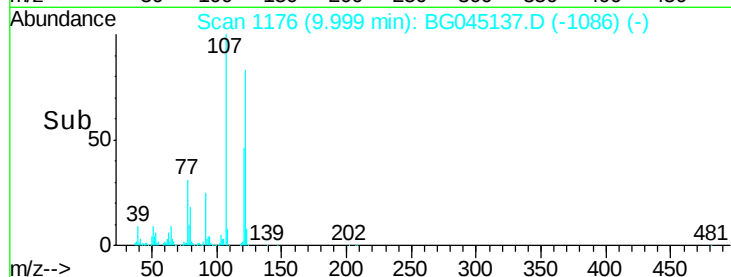
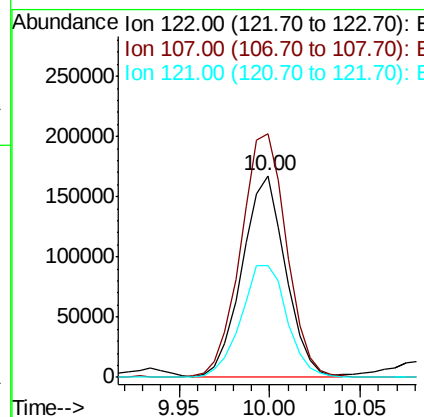
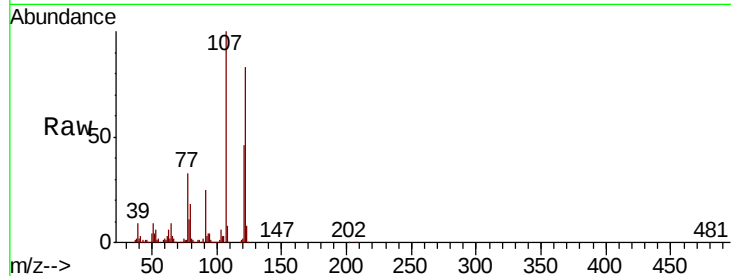
#27
2,4-Dimethylphenol
Concen: 56.058 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	278416		
107	120.6	96.8	145.2	
121	55.4	45.6	68.4	

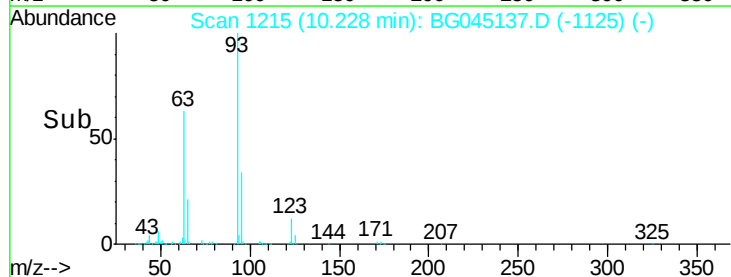
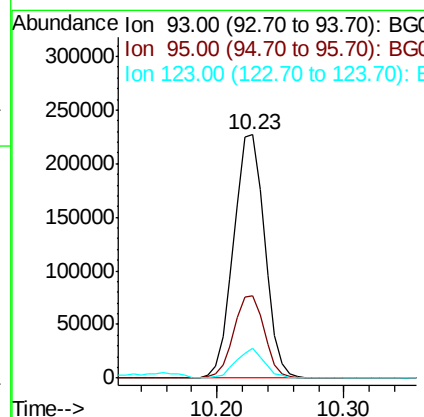
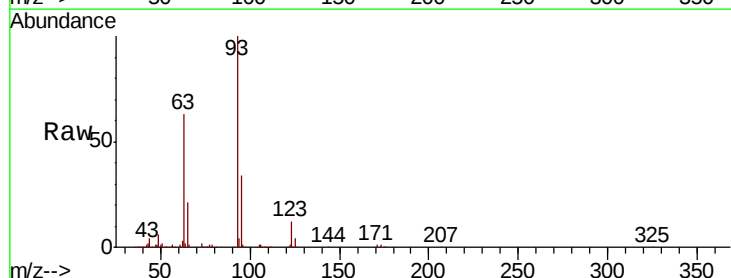
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#28
bis(2-Chloroethoxy)methane
Concen: 50.419 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384584		
95	33.9	27.0	40.4	
123	12.0	8.7	13.1	





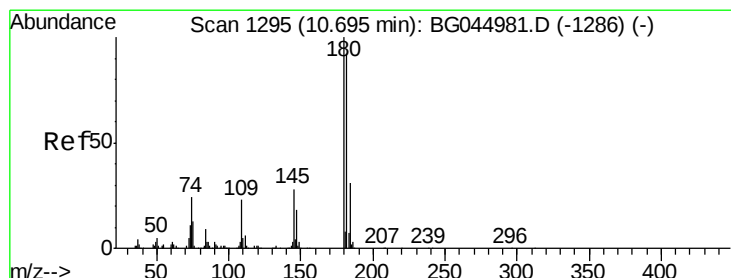
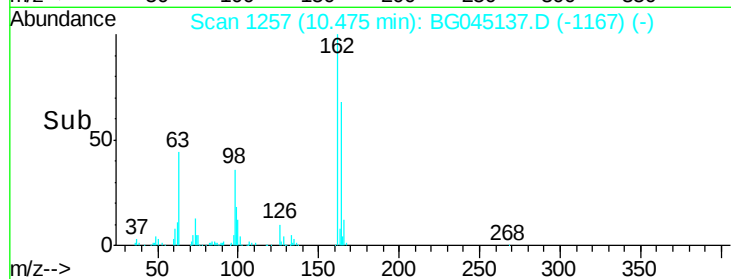
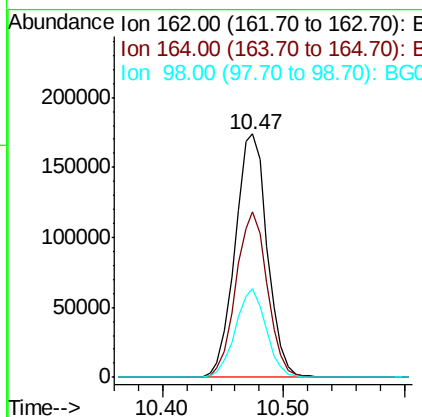
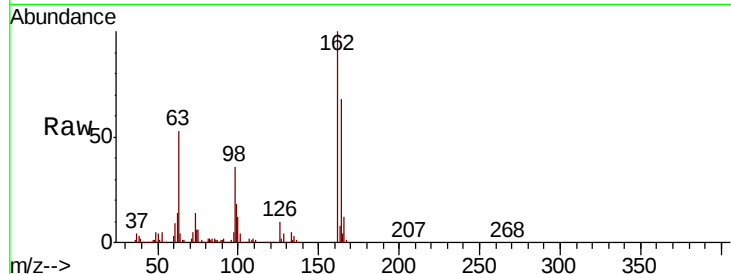
#29
 2,4-Dichlorophenol
 Concen: 56.284 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322779		
164	68.1	45.0	85.0	
98	36.4	15.2	55.2	

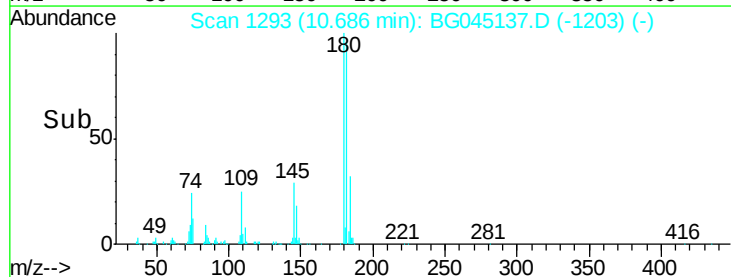
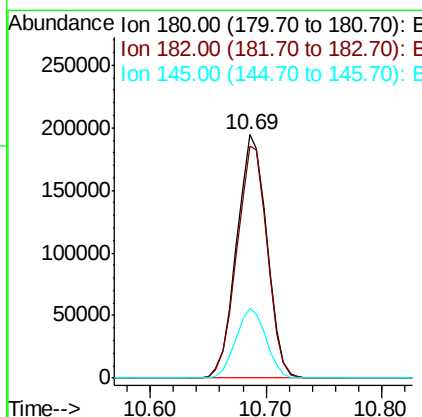
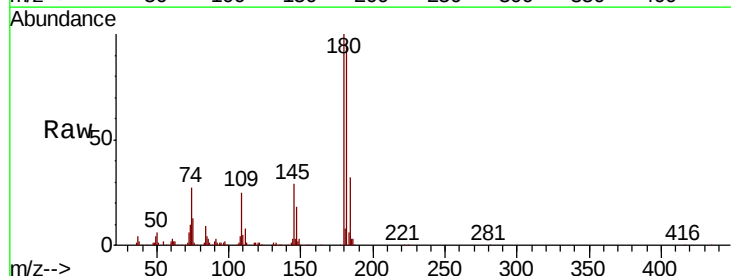
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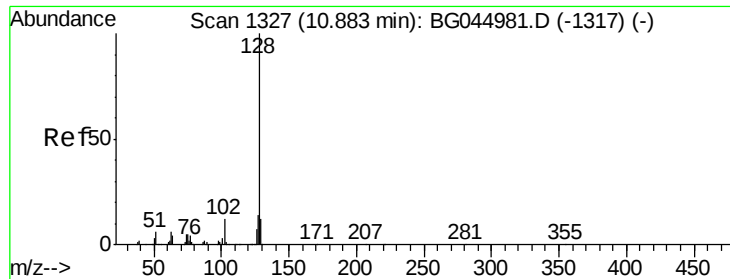
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#30
 1,2,4-Trichlorobenzene
 Concen: 54.243 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	352202		
182	95.6	73.3	109.9	
145	28.6	22.6	33.8	





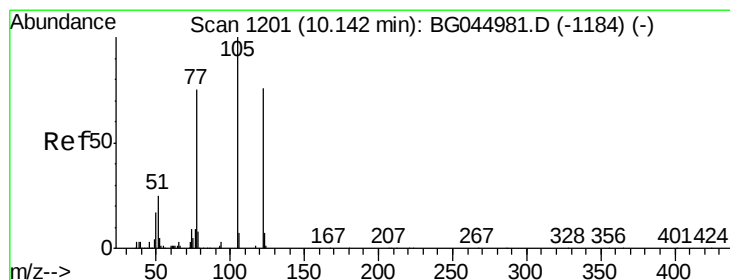
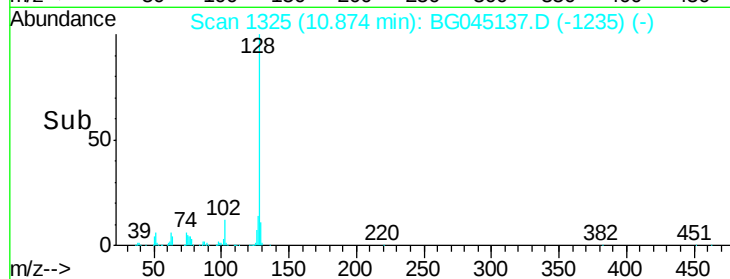
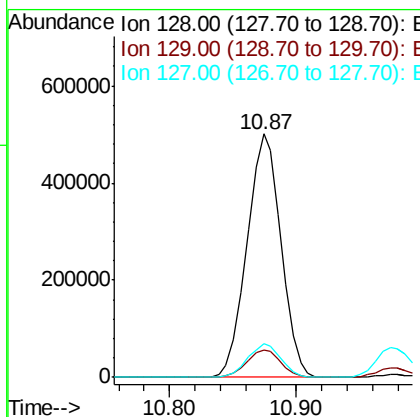
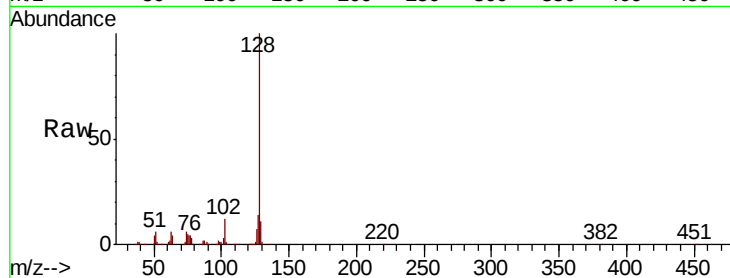
#31
Naphthalene
Concen: 52.661 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

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

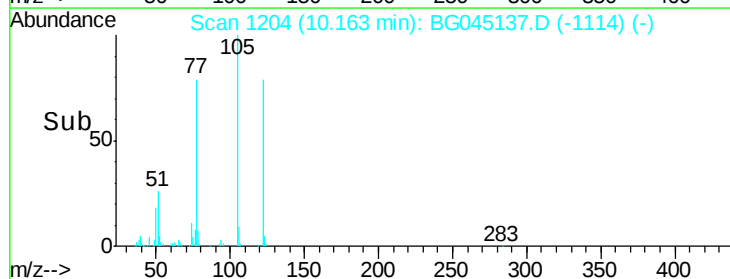
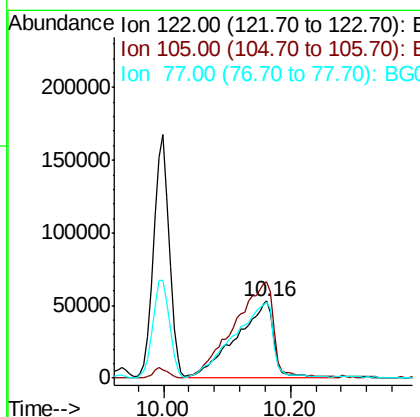
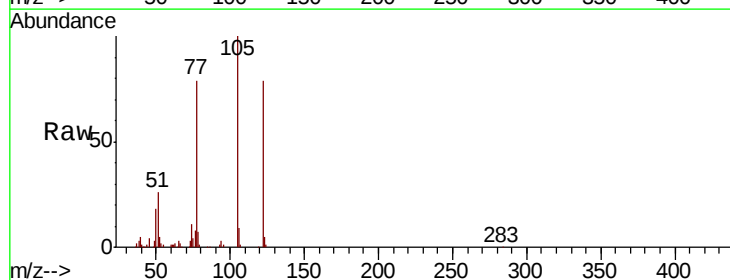
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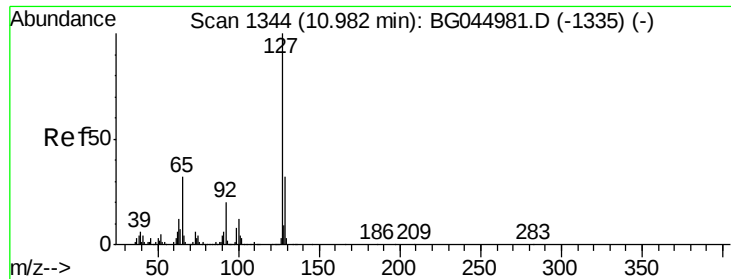
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#32
Benzoic acid
Concen: 53.147 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	108.4	148.4
77	99.2	78.8	118.8





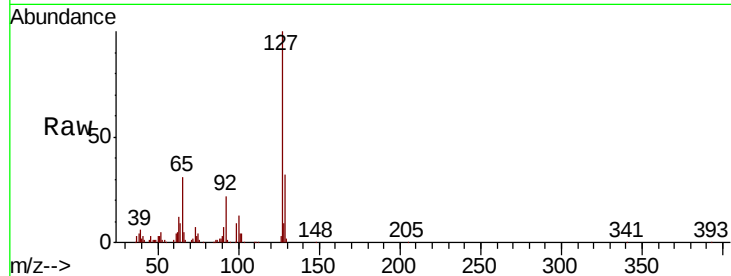
#33
4-Chloroaniline
Concen: 14.930 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

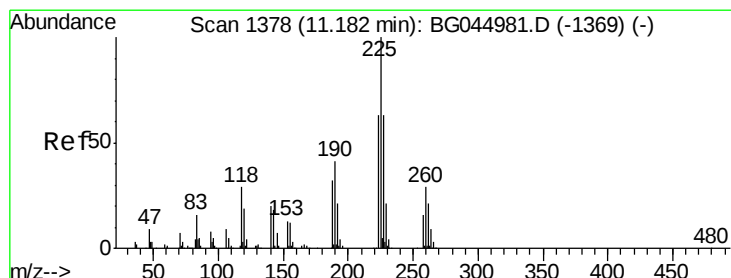
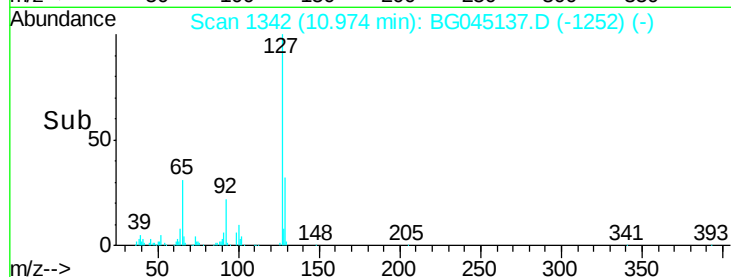
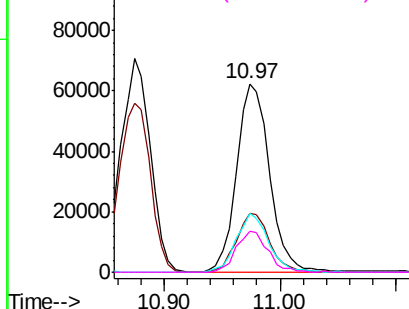
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.7	38.5	
65	31.5	25.4	38.2	
92	22.1	16.1	24.1	

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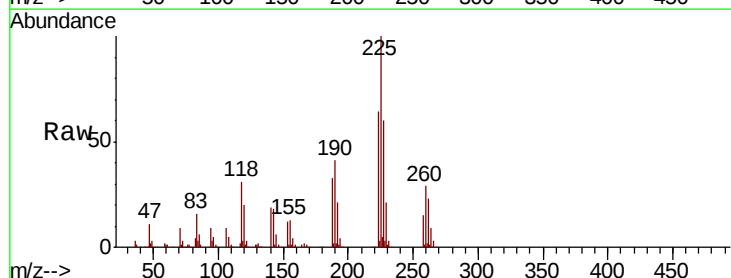


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

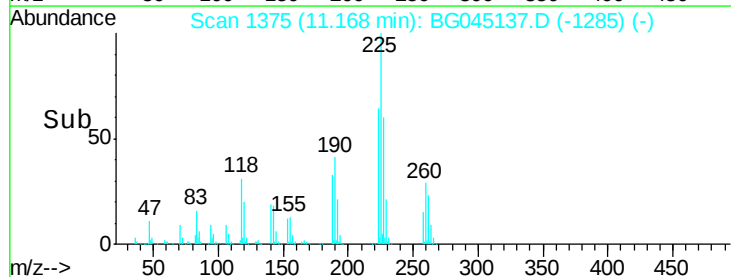
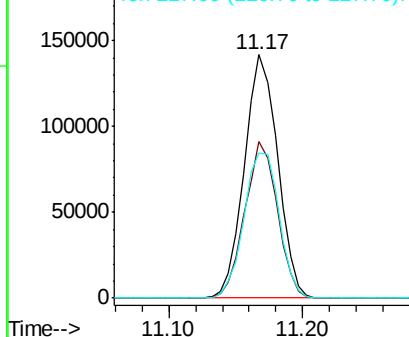


#34
Hexachlorobutadiene
Concen: 54.860 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	50.7	76.1	
227	59.8	50.2	75.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





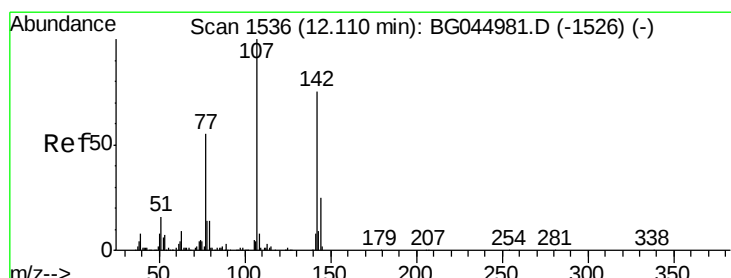
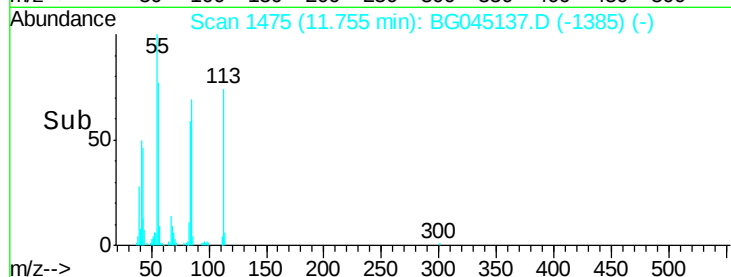
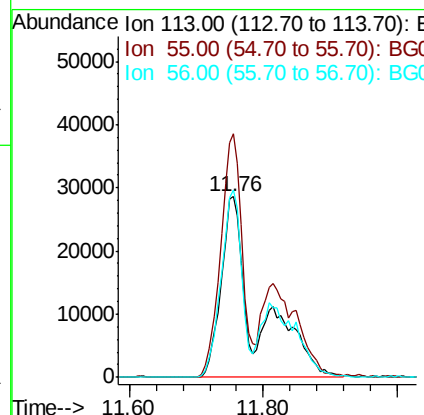
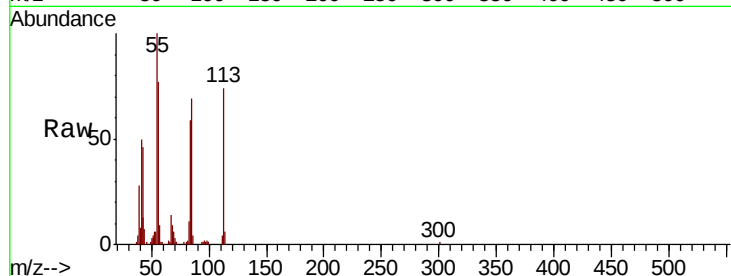
#35
 Caprolactam
 Concen: 45.803 ng/ml
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	134.8		118.8	158.8	
56	103.7		82.6	122.6	

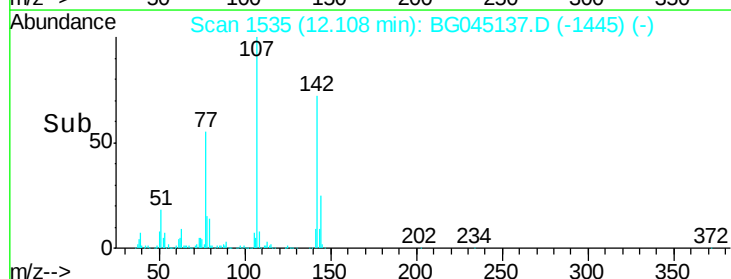
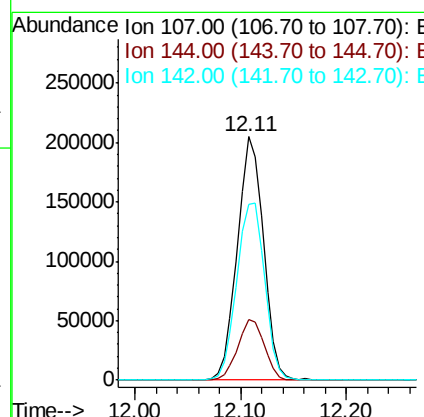
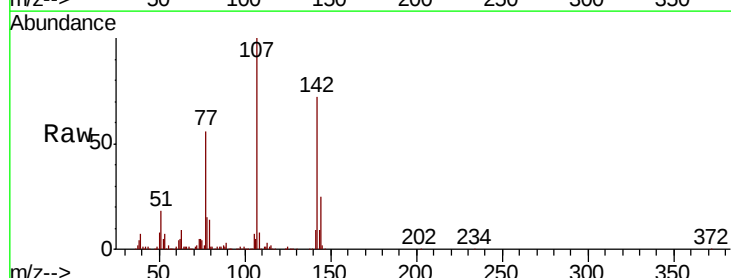
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#36
 4-Chloro-3-methylphenol
 Concen: 52.020 ng/ml
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.7		19.8	29.6	
142	72.5		59.7	89.5	





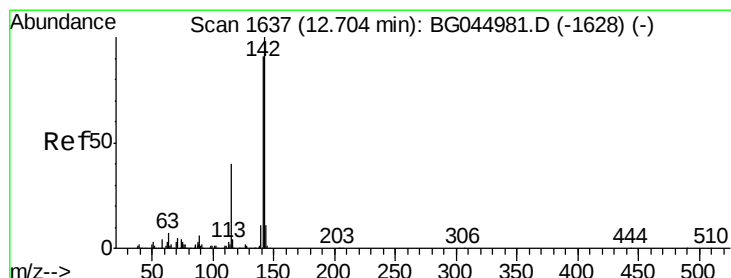
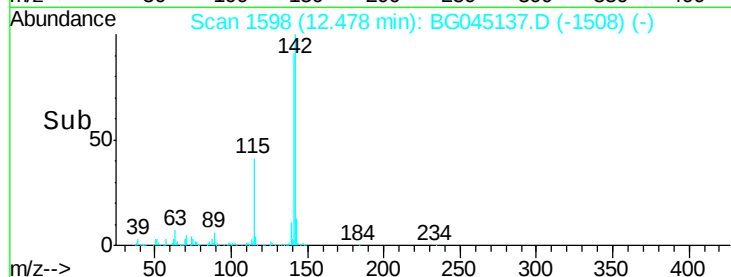
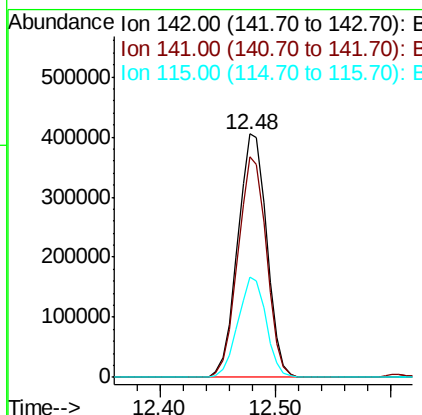
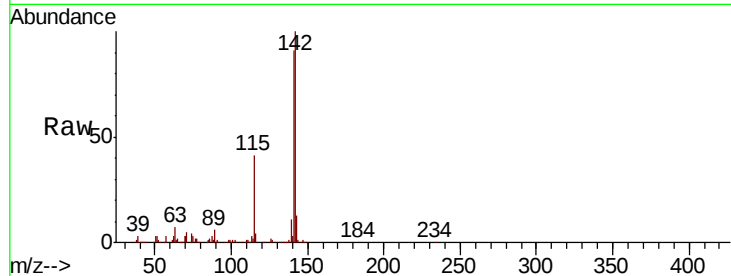
#37
2-Methylnaphthalene
Concen: 51.354 ng
RT: 12.48 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	41.1	29.8	44.6

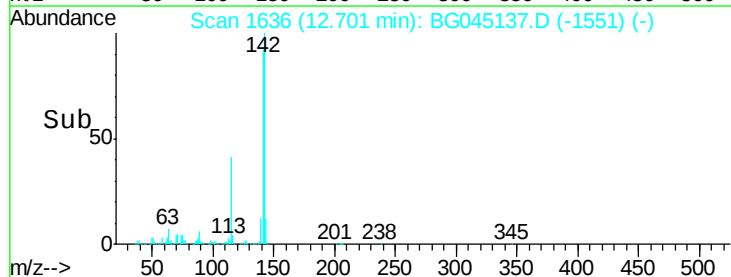
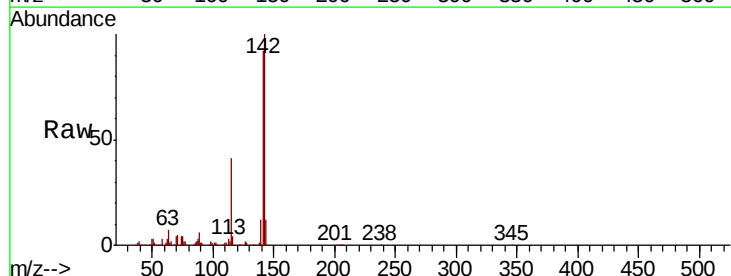
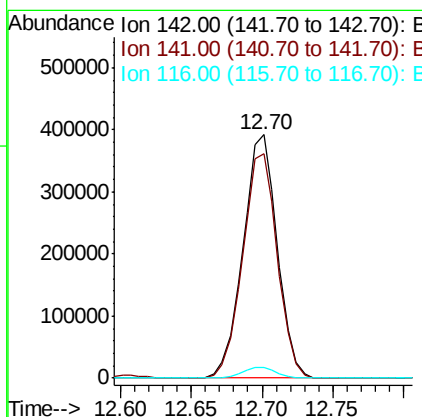
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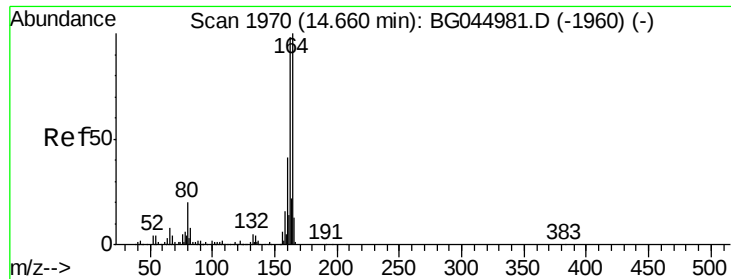
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#38
1-Methylnaphthalene
Concen: 51.206 ng
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.7	109.1
116	4.4	3.1	4.7





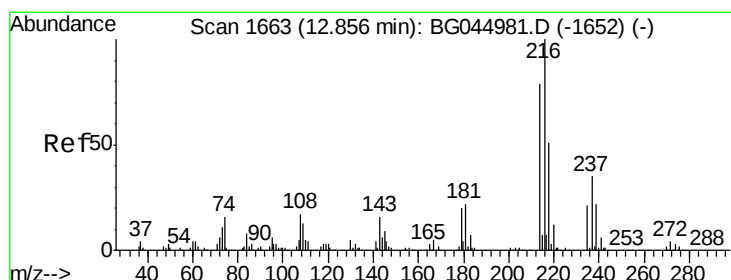
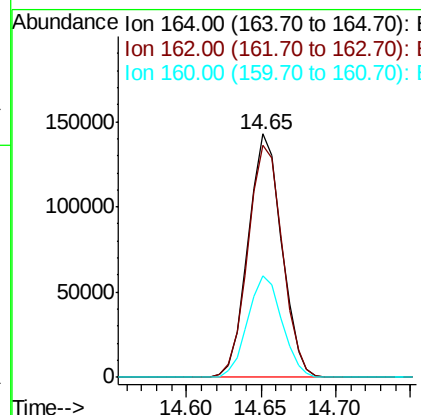
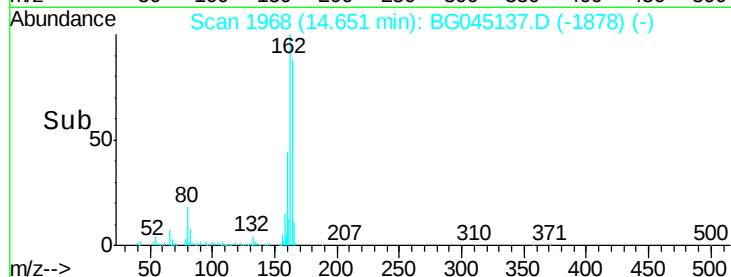
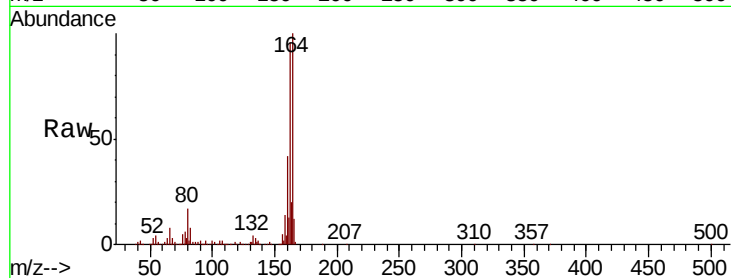
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.7	118.1
160	41.9	32.8	49.2

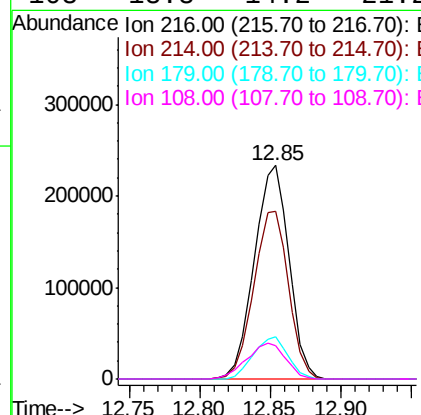
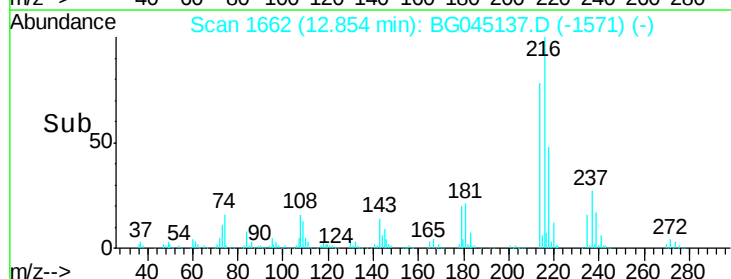
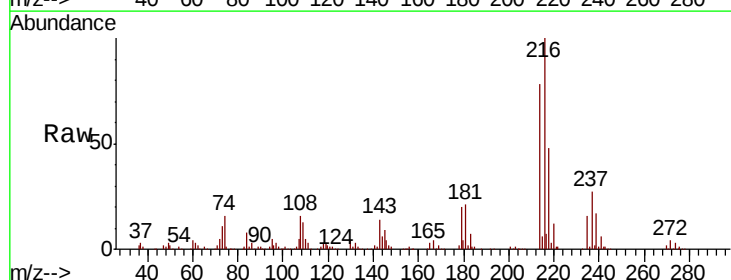
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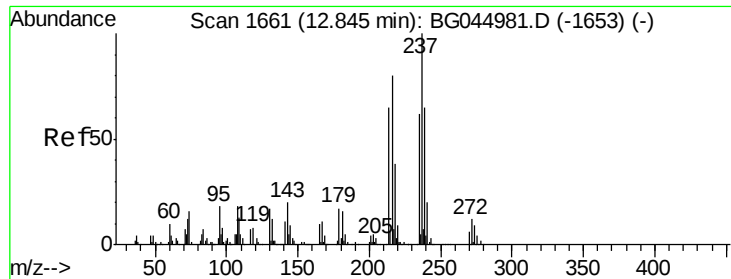
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.502 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	19.6	15.8	23.8
108	18.8	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 102.821 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

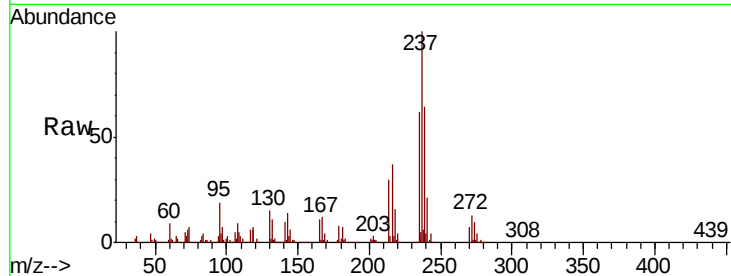
ClientSampleId :

TP-4-DMSD

Tot Ion:	237	Resp:	457620
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.6	81.6
272	12.8	0.0	32.1

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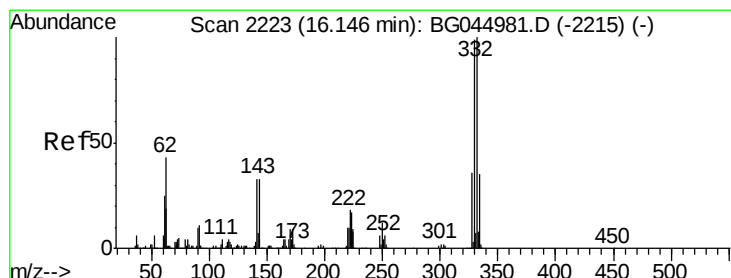
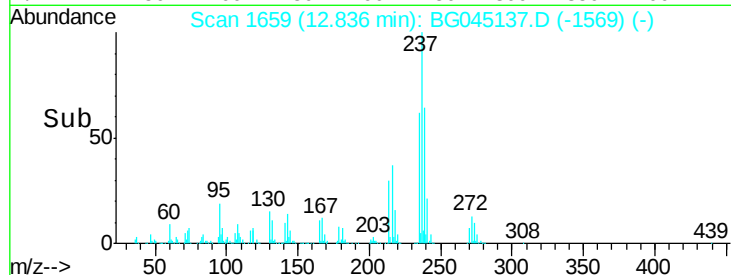
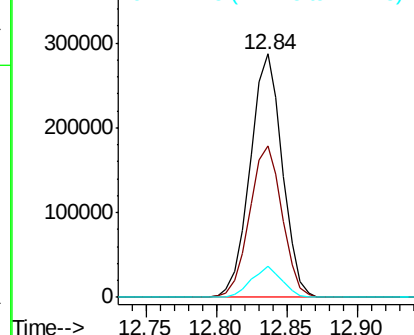


Abundance

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: 141.645 ng

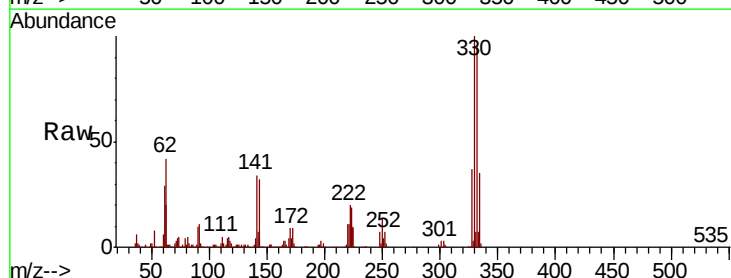
RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	330	Resp:	483957
Ion Ratio	Lower	Upper	
330	100		
332	96.0	79.1	118.7
141	35.0	27.1	40.7

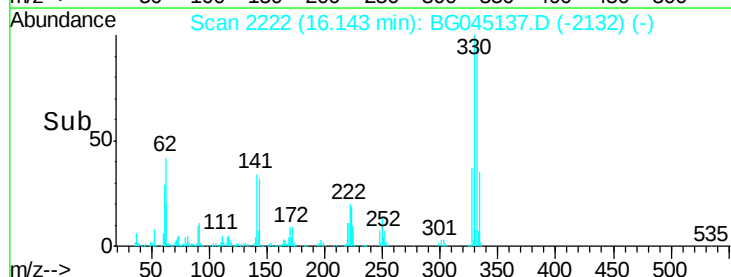
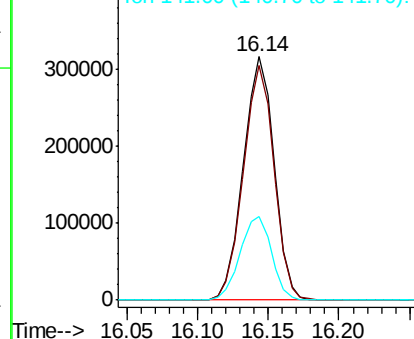


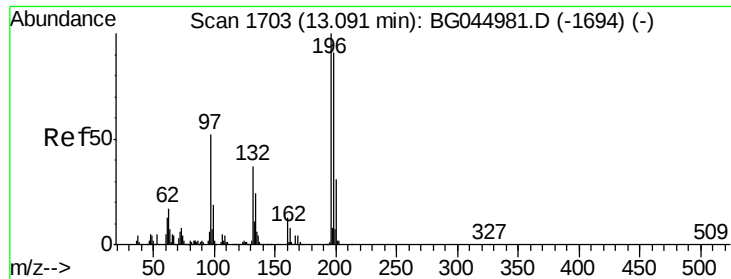
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





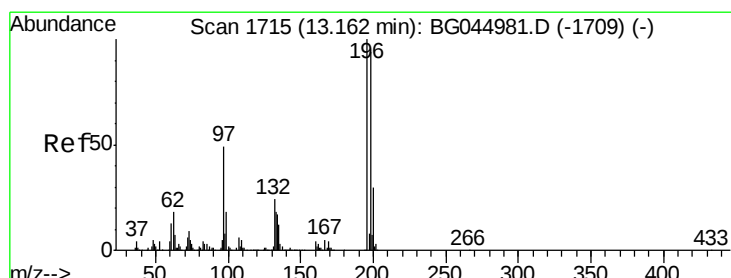
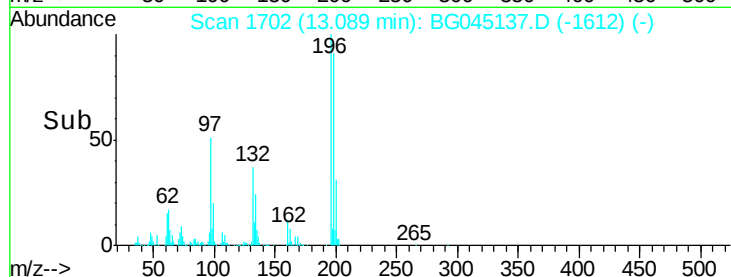
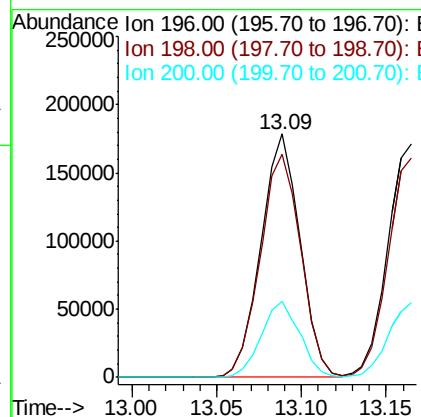
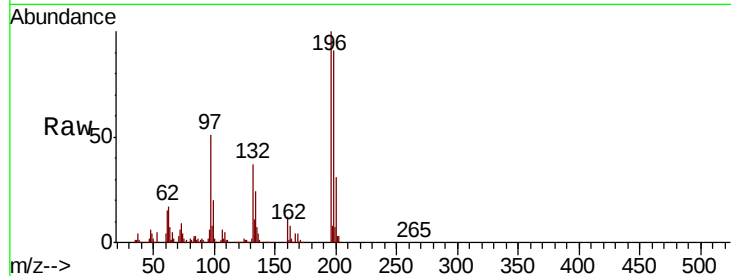
#43
 2,4,6-Trichlorophenol
 Concen: 57.181 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	287371		
198	91.4	72.5	108.7	
200	31.2	24.5	36.7	

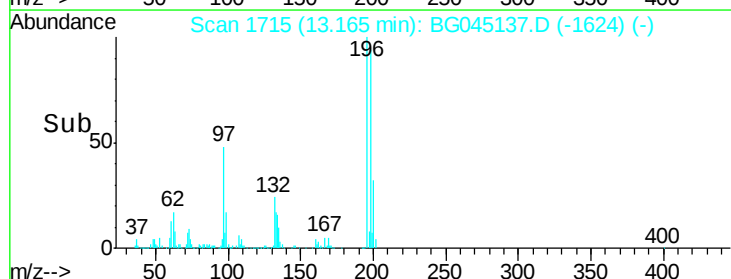
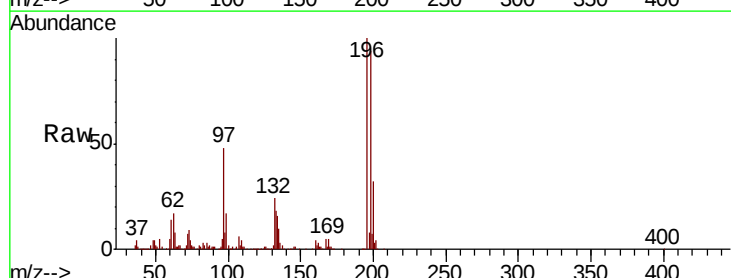
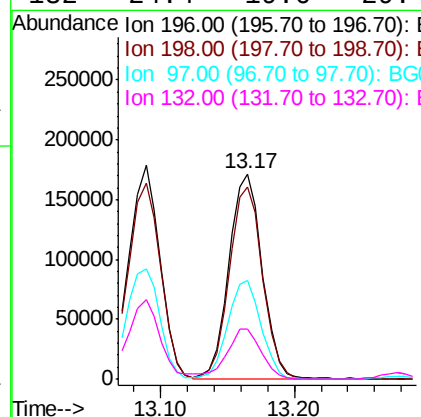
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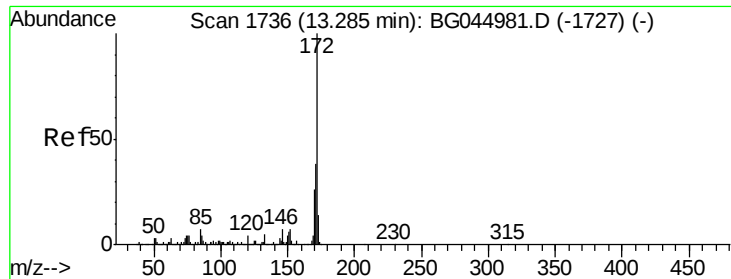
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 51.928 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297057		
198	93.6	75.7	113.5	
97	48.4	39.6	59.4	
132	24.4	19.6	29.4	





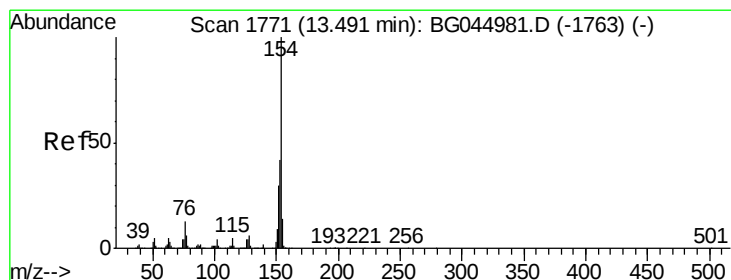
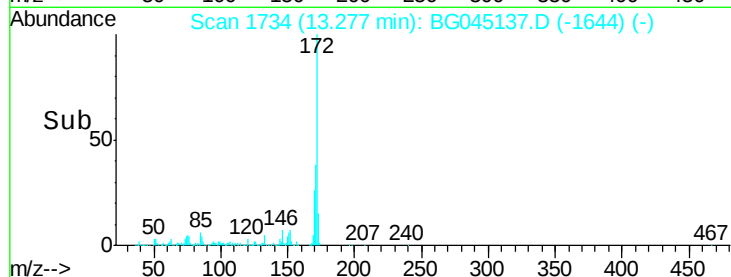
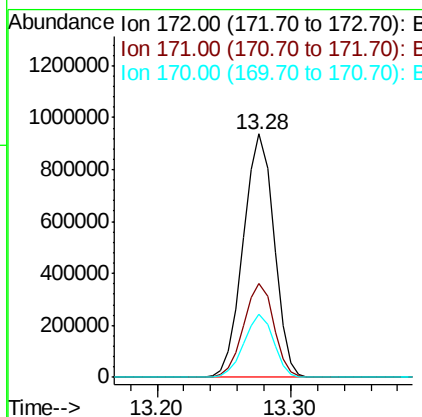
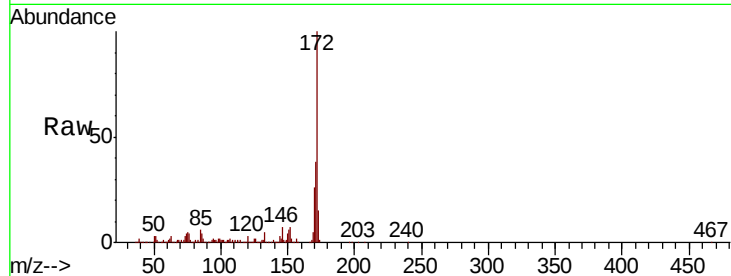
#45
2-Fluorobiphenyl
Concen: 98.954 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.5	30.6	46.0	
170	25.9	20.5	30.7	

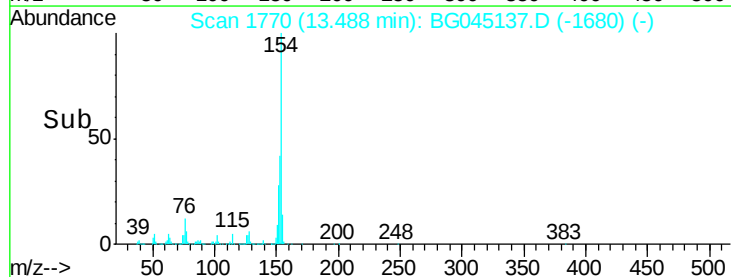
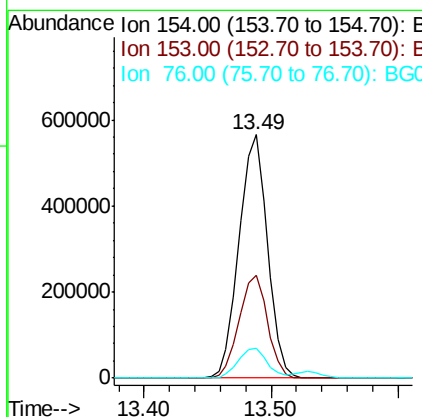
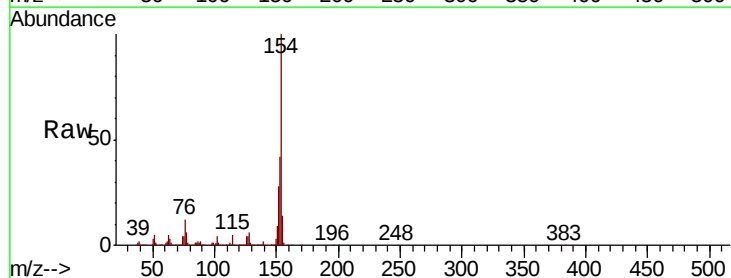
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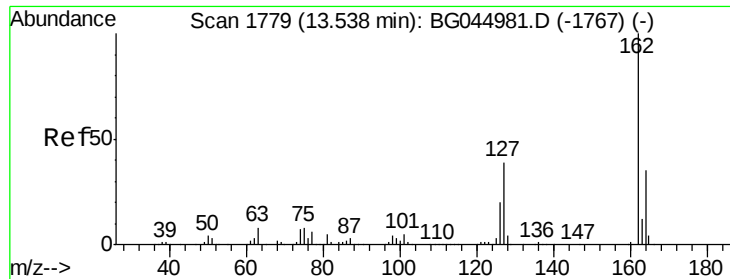
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#46
1,1'-Biphenyl
Concen: 52.153 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.0	21.9	61.9	
76	12.1	0.0	33.1	





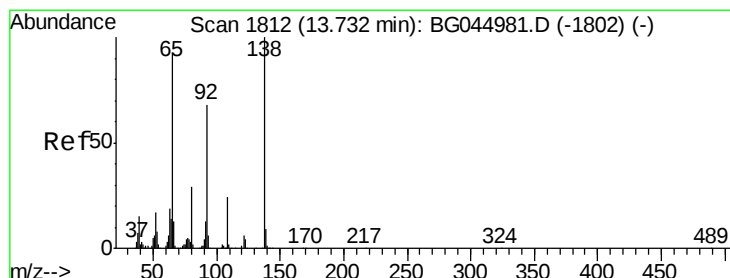
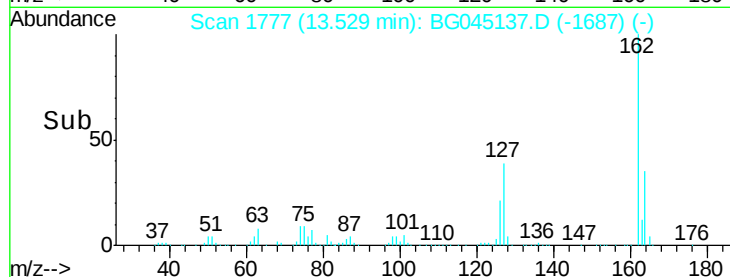
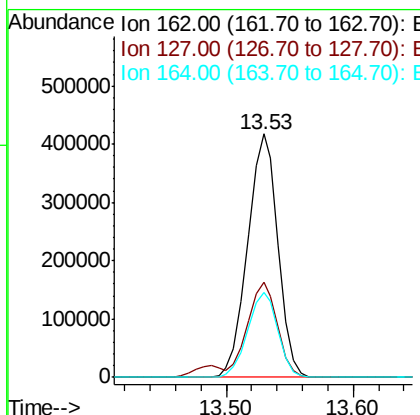
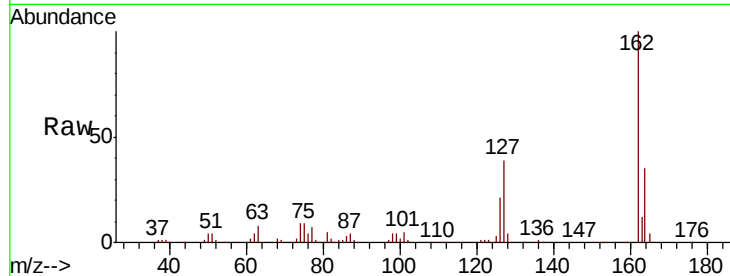
#47
2-Chloronaphthalene
Concen: 53.854 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	34.8	27.8	41.8

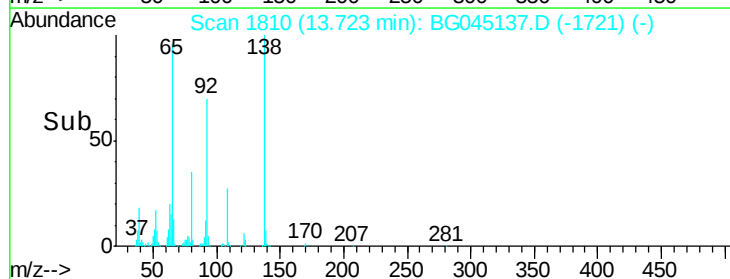
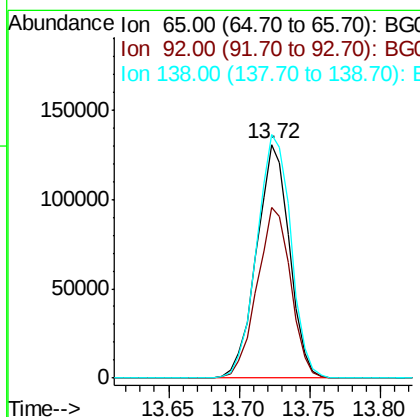
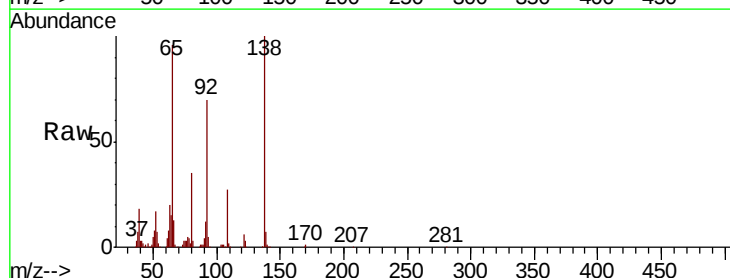
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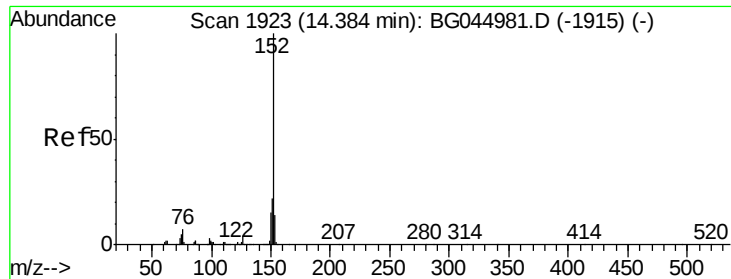
mohammad
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#48
2-Nitroaniline
Concen: 50.832 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.3	87.5
138	104.2	85.6	128.4





#49

Acenaphthylene

Concen: 52.539 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

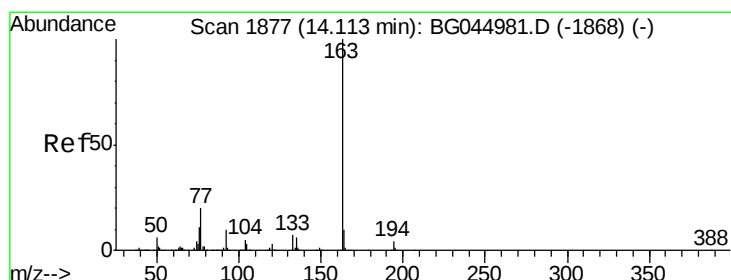
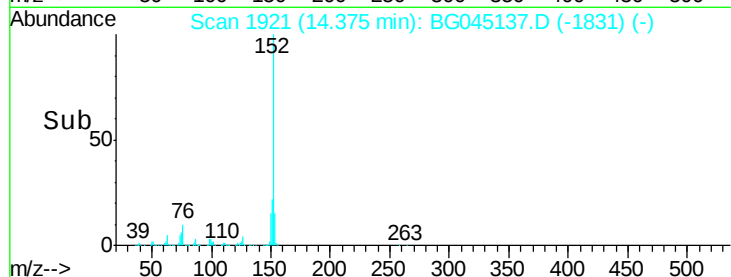
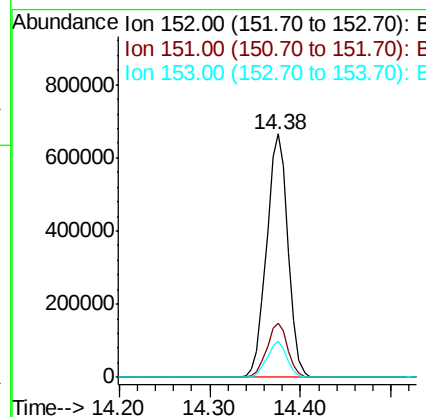
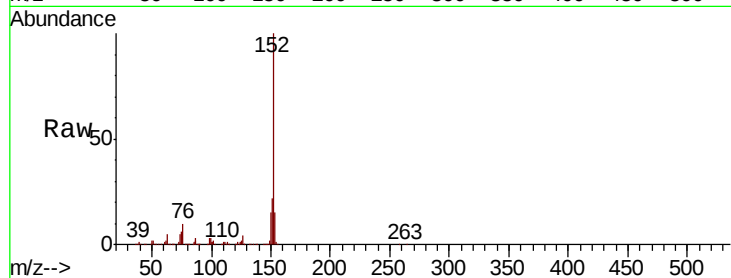
ClientSampleId :

TP-4-DMSD

Tot Ion:	152	Resp:	1099214
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.9	11.0	16.4

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#50

Dimethylphthalate

Concen: 62.242 ng

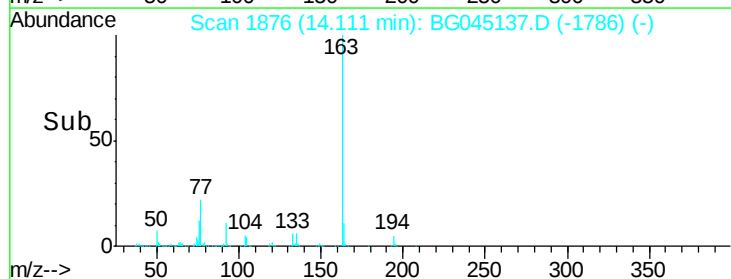
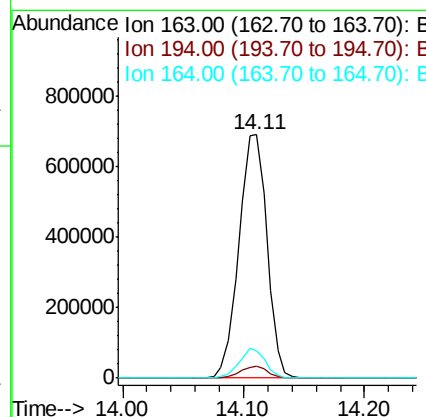
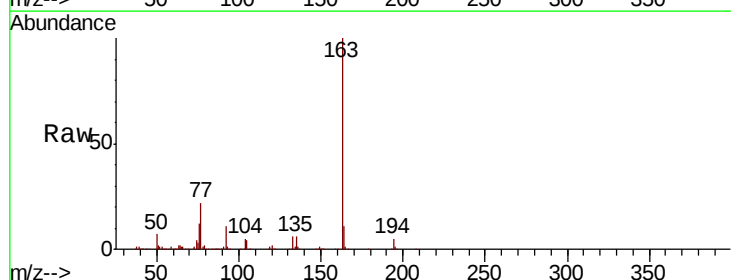
RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	163	Resp:	1120851
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.4	8.2	12.4





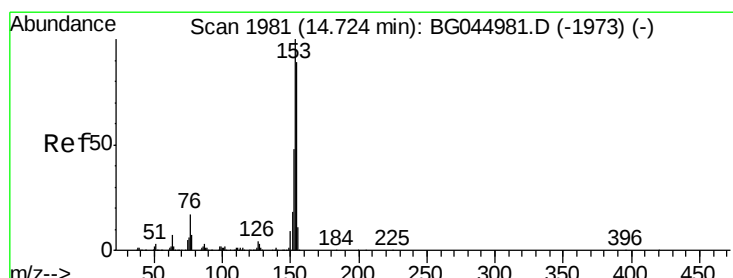
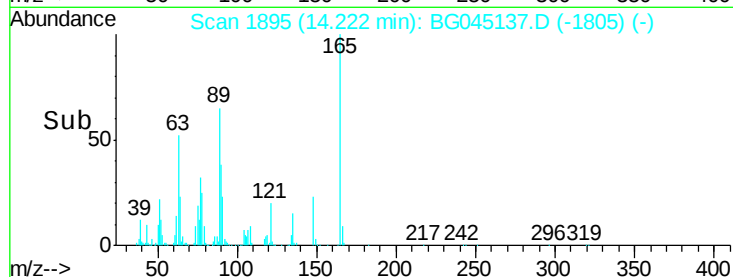
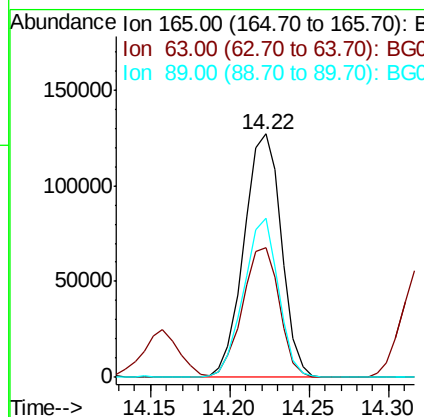
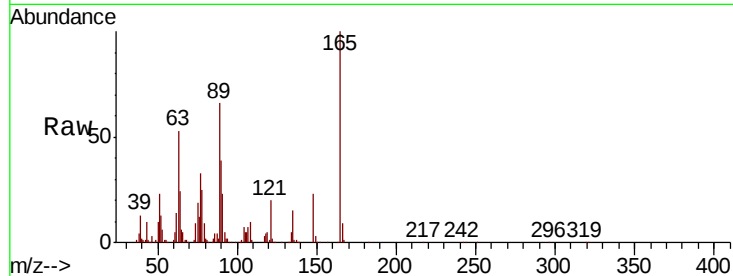
#51
 2,6-Dinitrotoluene
 Concen: 51.358 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206865		
63	53.1	40.4	60.6	
89	65.6	49.1	73.7	

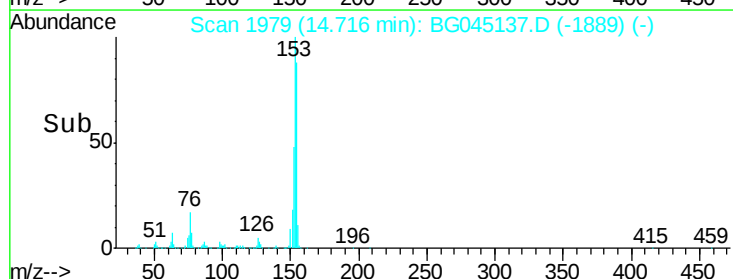
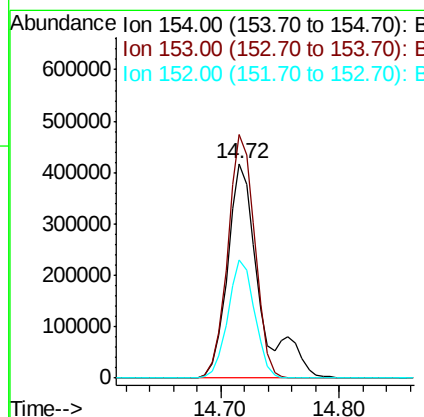
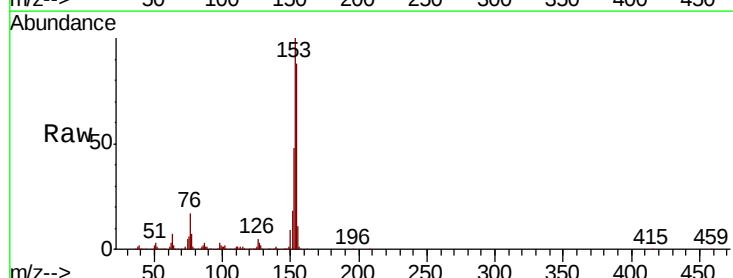
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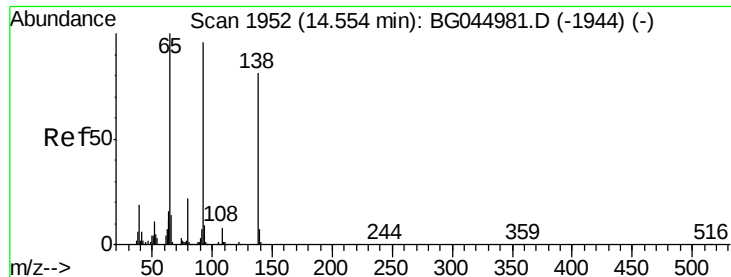
mohammad
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#52
 Acenaphthene
 Concen: 55.422 ng m
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	784540		
153	113.7	89.7	134.5	
152	55.1	43.1	64.7	





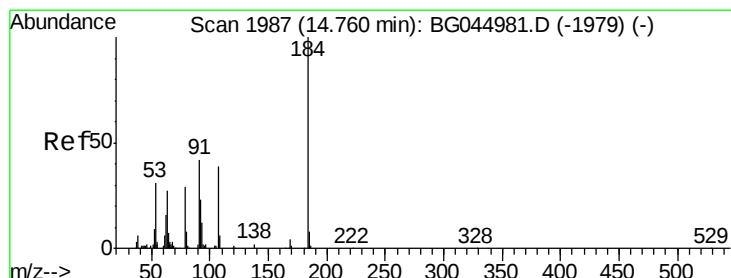
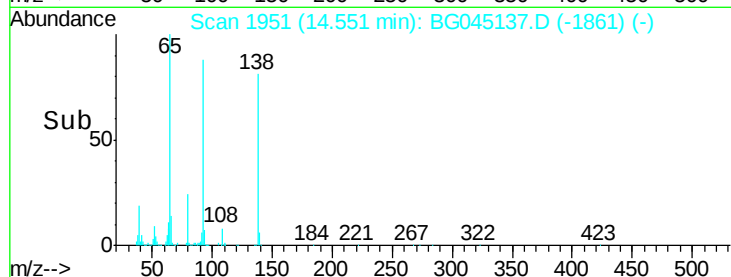
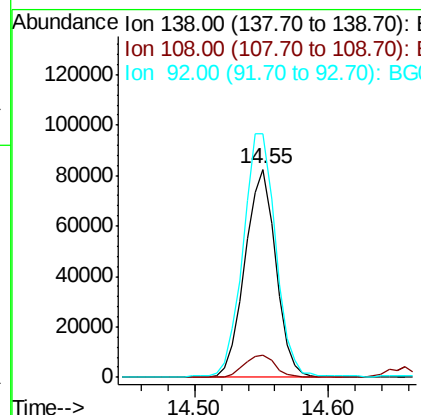
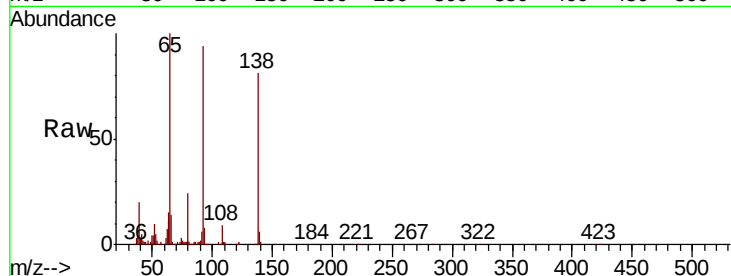
#53
 3-Nitroaniline
 Concen: 29.838 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.8	11.8
92	116.9	94.5	141.7

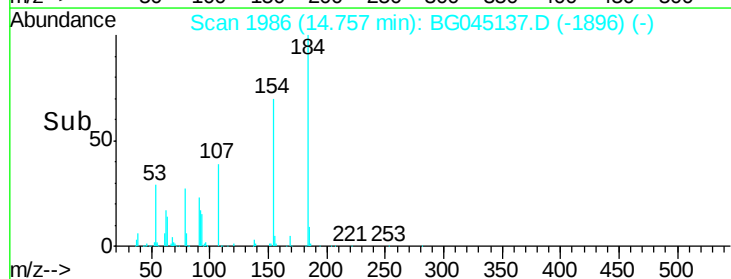
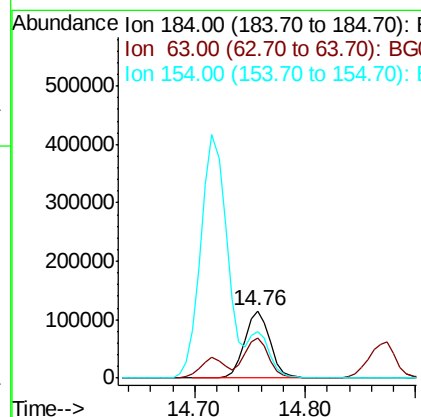
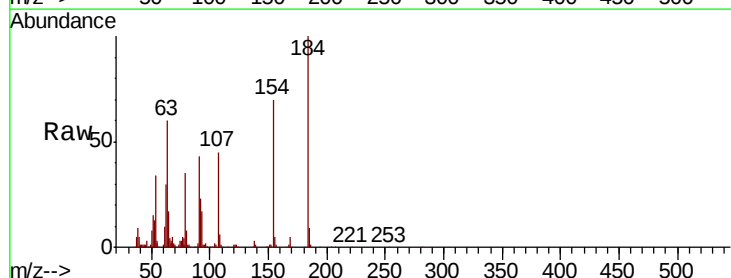
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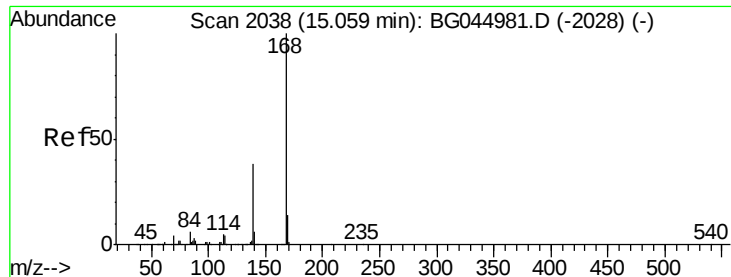
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#54
 2,4-Dinitrophenol
 Concen: 77.822 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	41.5	62.3
154	69.9	52.3	78.5





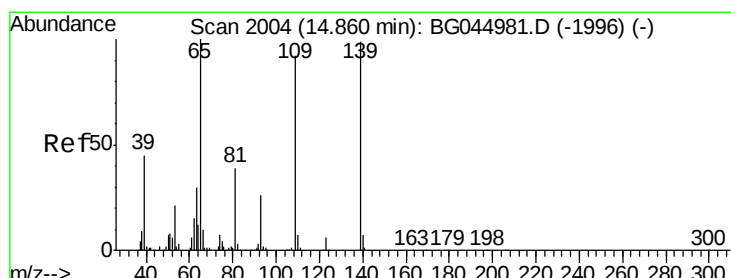
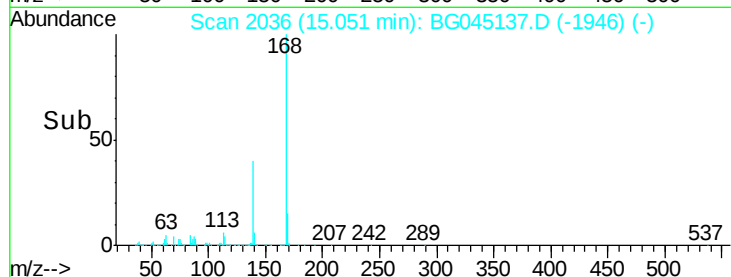
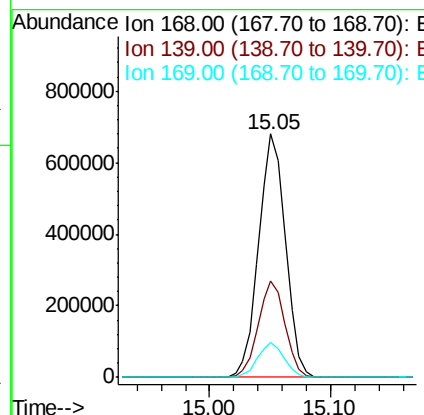
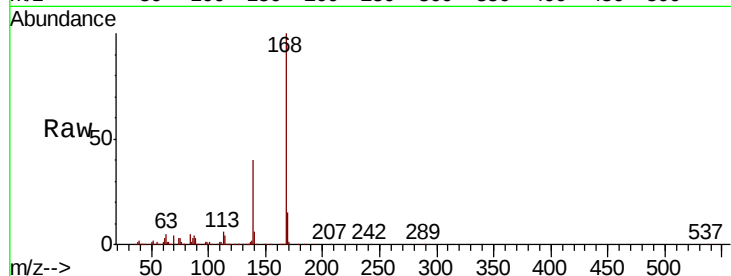
#55
Dibenzenofuran
Concen: 51.218 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.4	45.6
169	14.6	11.0	16.4

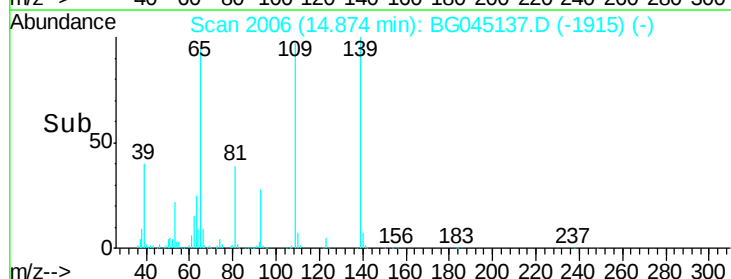
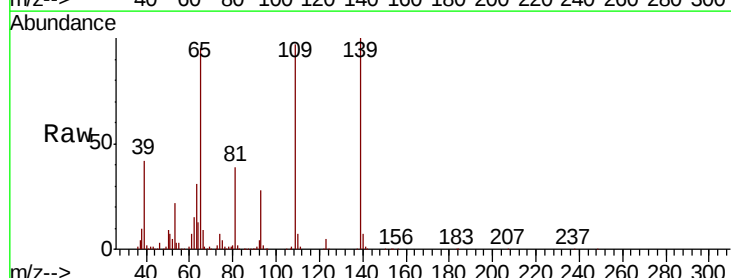
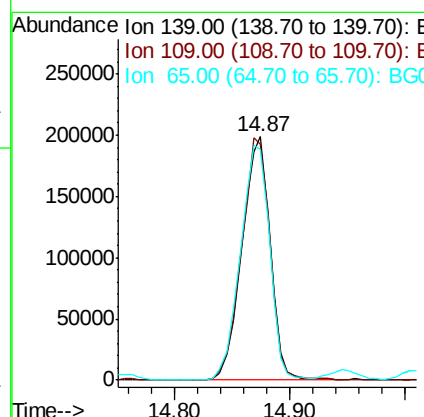
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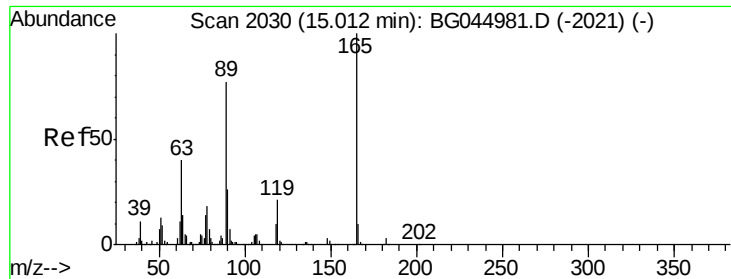
mohammad
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#56
4-Nitrophenol
Concen: 97.917 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.9	73.6	113.6
65	94.8	81.2	121.2





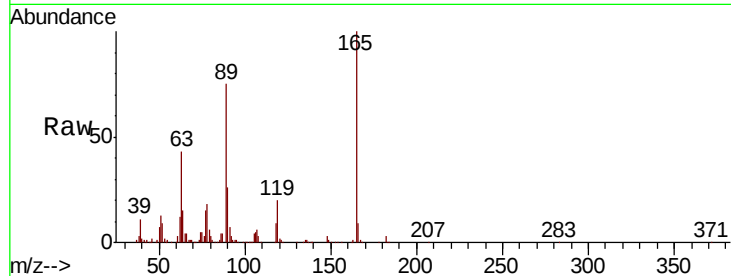
#57
2,4-Dinitrotoluene
Concen: 49.586 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

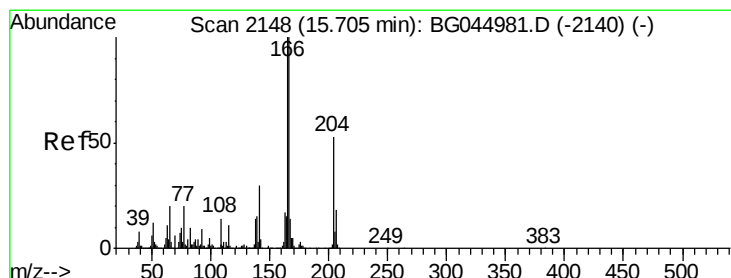
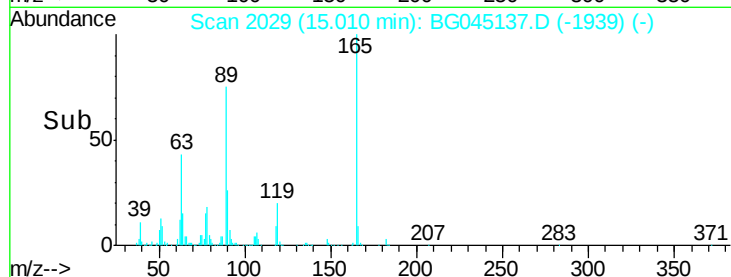
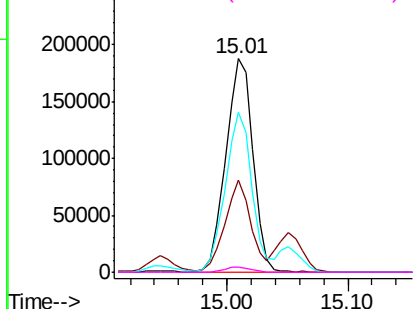
Tot Ion	Ratio	Resp	Lower	Upper
165	100	291883		
63	43.2		32.2	48.2
89	75.1		61.7	92.5
182	2.6		2.0	3.0

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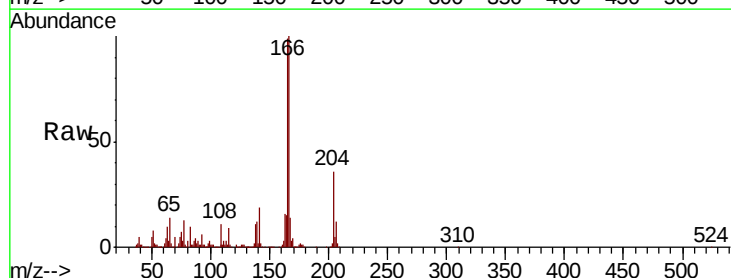


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

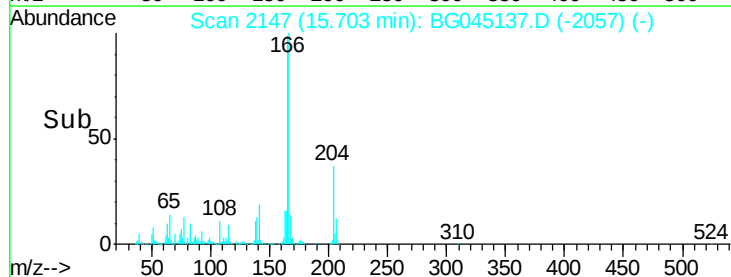
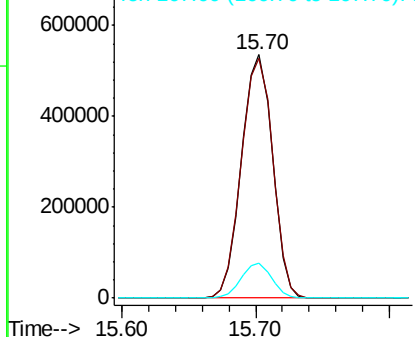


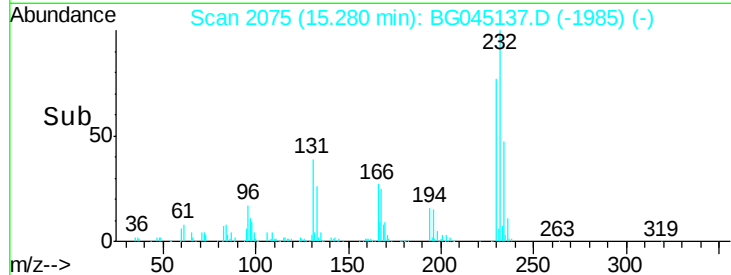
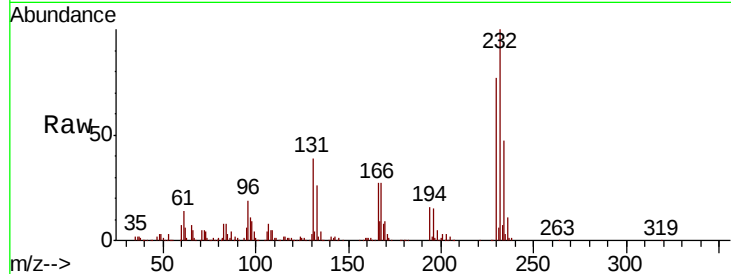
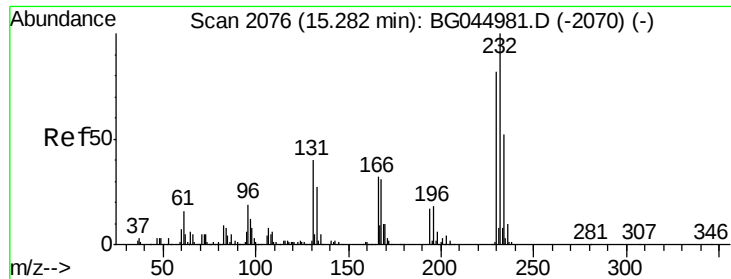
#58
Fluorene
Concen: 51.088 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	861201		
165	98.7		79.9	119.9
167	14.2		11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





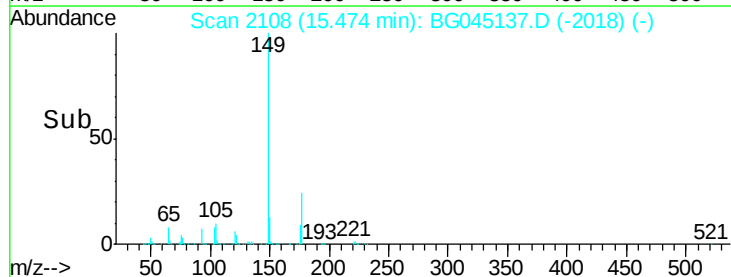
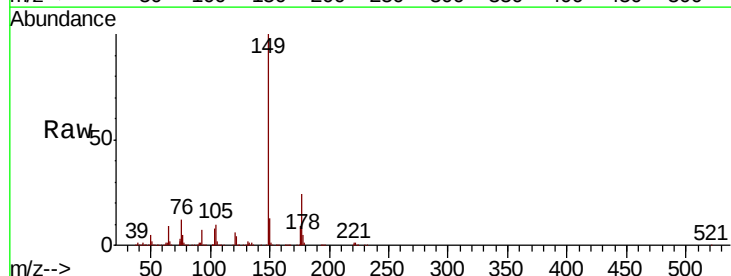
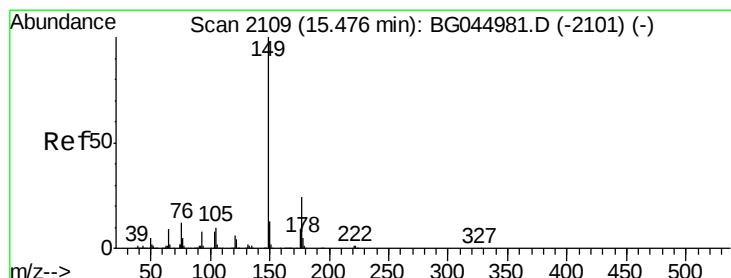
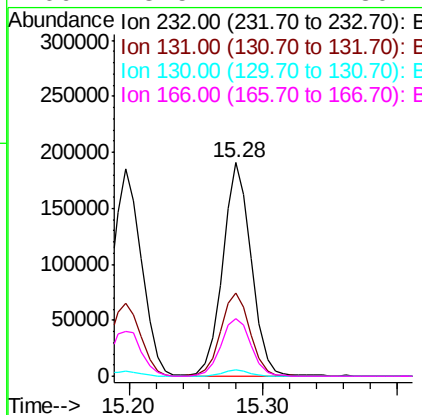
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.664 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tot Ion	Ratio	Resp	Lower	Upper
232	100	283328		
131	40.3		32.2	48.2
130	2.8		2.2	3.2
166	28.5		24.2	36.4

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

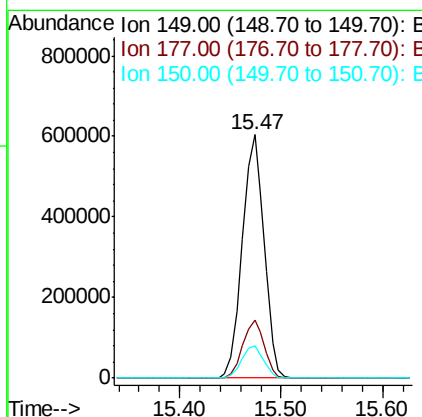
Manual Integrations
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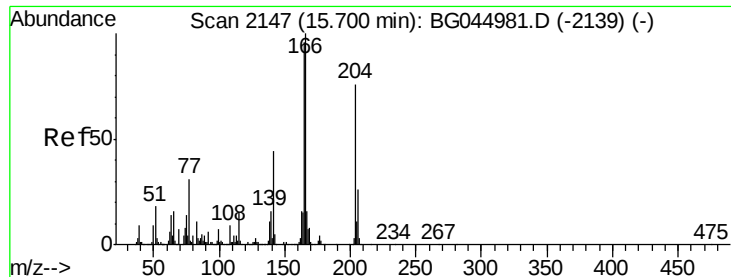
mohammad
4/24/2020 4:19:22 AM



#60
Diethylphthalate
Concen: 47.913 ng
RT: 15.47 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	899583		
177	23.7		18.9	28.3
150	13.5		10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 50.070 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

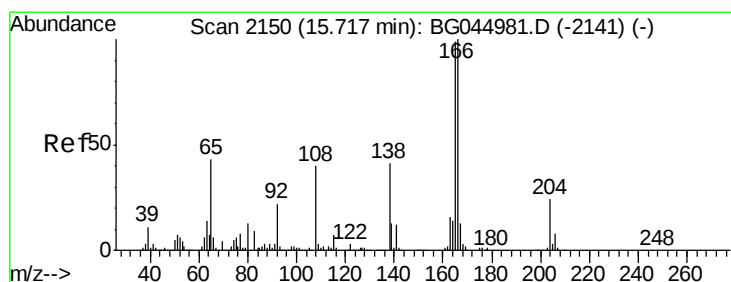
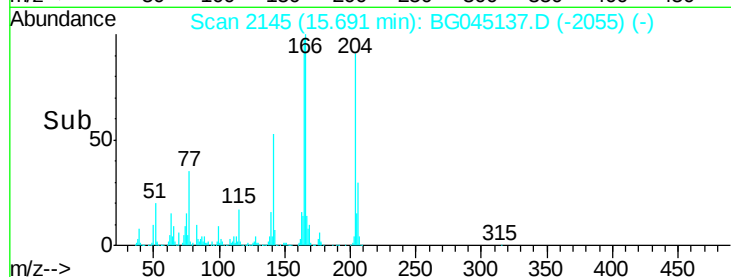
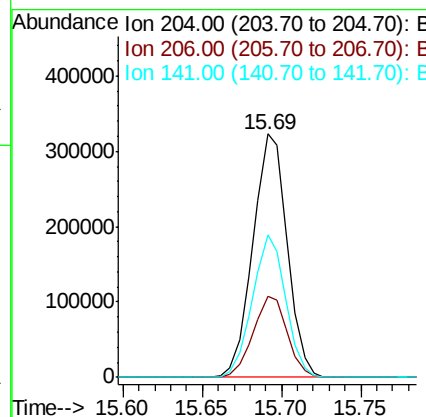
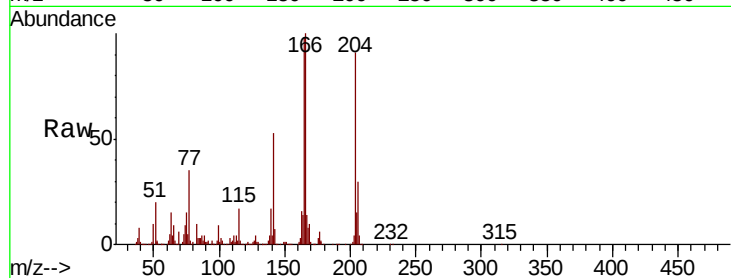
ClientSampleId :

TP-4-DMSD

Tot Ion:	204	Resp:	485822
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.9	40.3
141	58.5	46.3	69.5

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#62

4-Nitroaniline

Concen: 40.544 ng

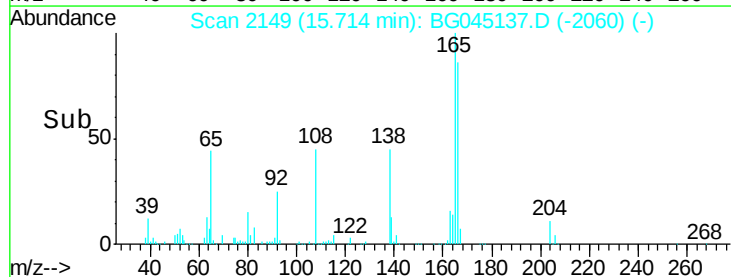
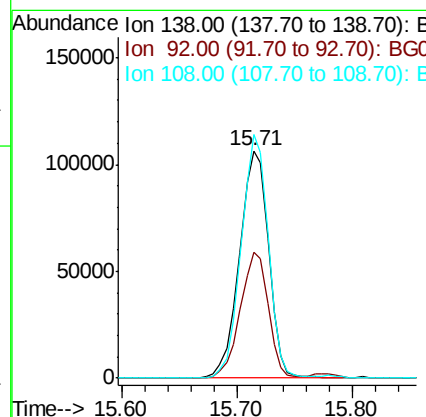
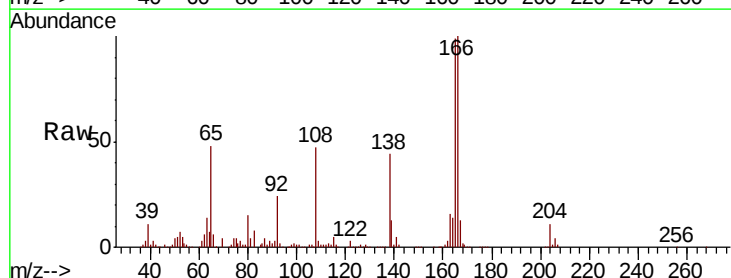
RT: 15.71 min Scan# 2149

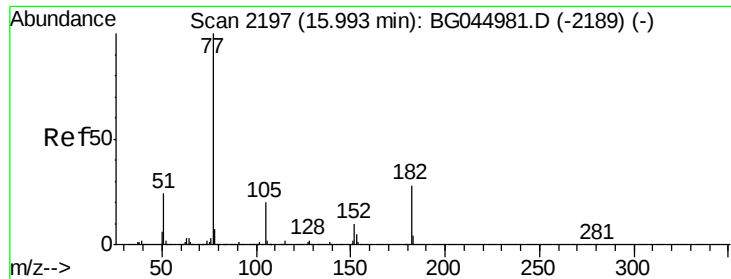
Delta R.T. -0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	138	Resp:	185773
Ion Ratio	Lower	Upper	
138	100		
92	55.1	33.6	73.6
108	107.0	78.2	118.2





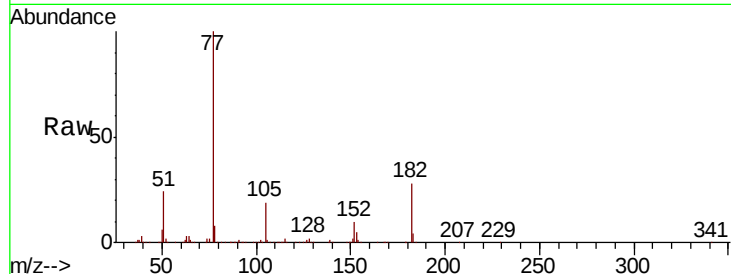
#63
Azobenzene
Concen: 50.494 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

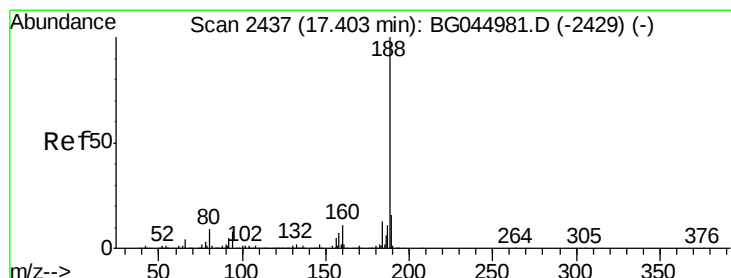
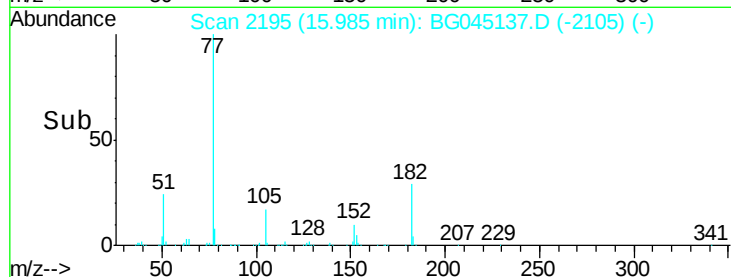
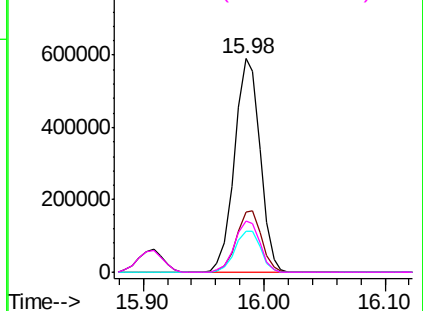
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		874060		
182	28.1	8.4	48.4		
105	19.4	0.5	40.5		
51	24.0	4.4	44.4		

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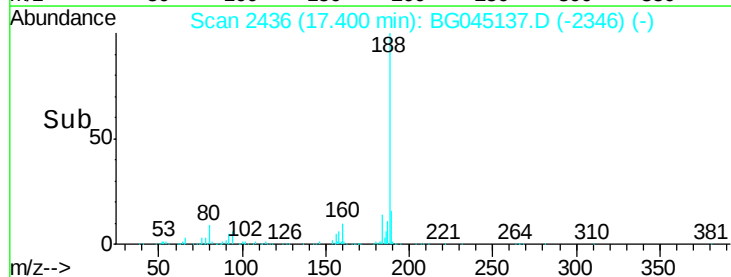
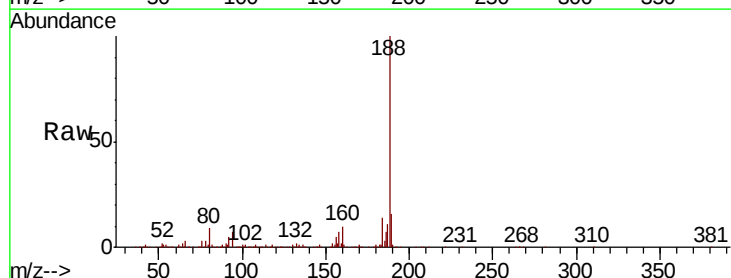
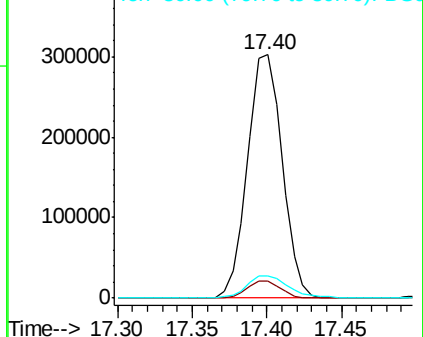
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

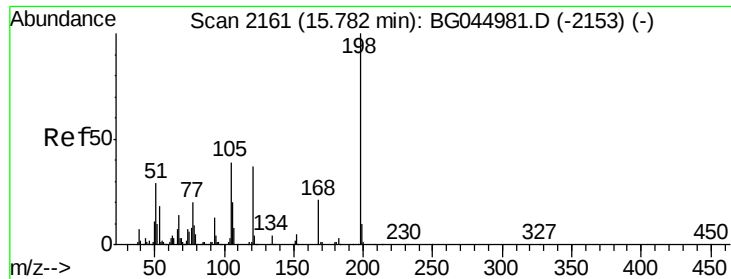


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		487004		
94	6.8	6.2	9.4		
80	9.1	7.0	10.6		

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





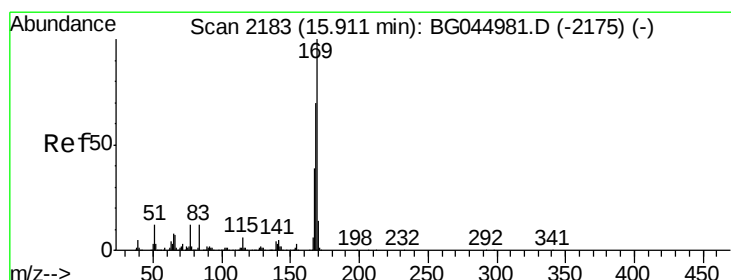
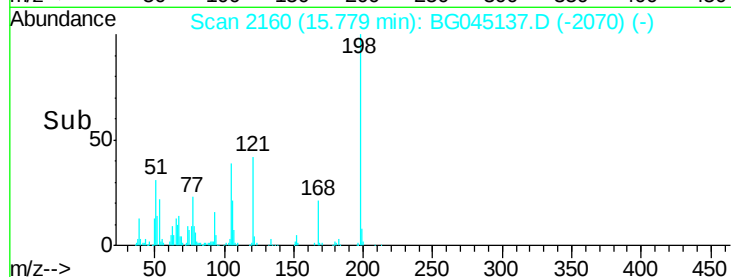
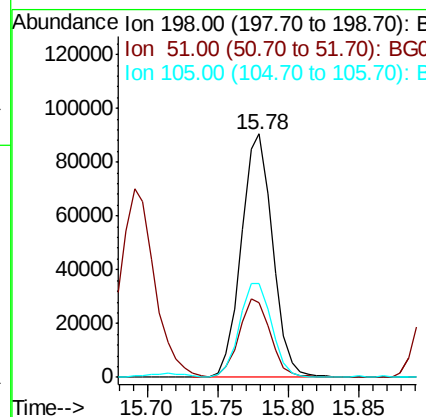
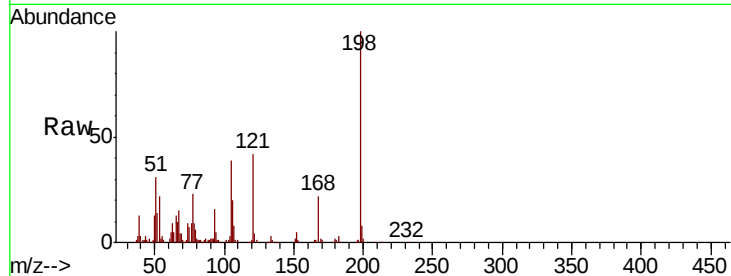
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.899 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	140525		
51	30.9		10.0	50.0
105	38.8		18.9	58.9

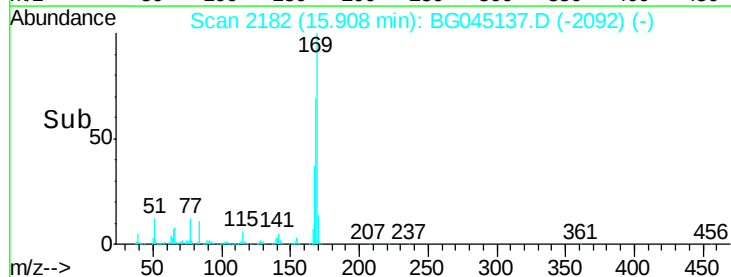
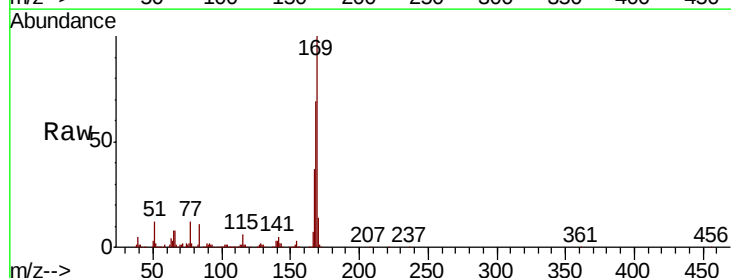
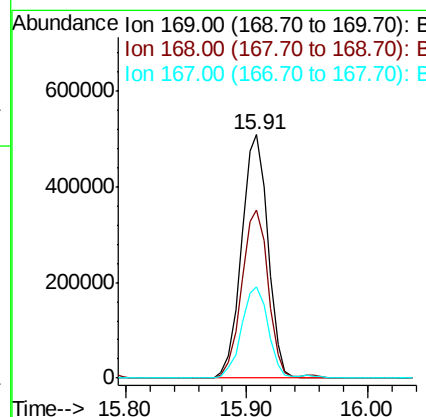
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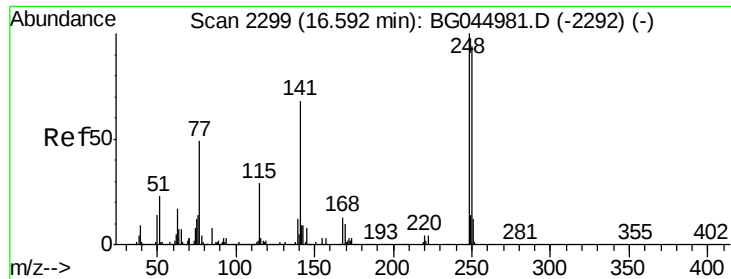
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 55.442 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG045137.D
 Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	775770		
168	69.2		55.8	83.8
167	37.2		30.8	46.2





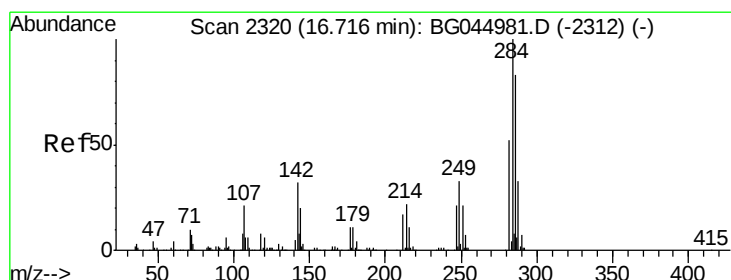
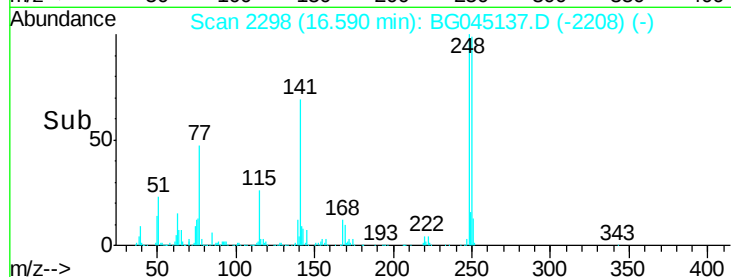
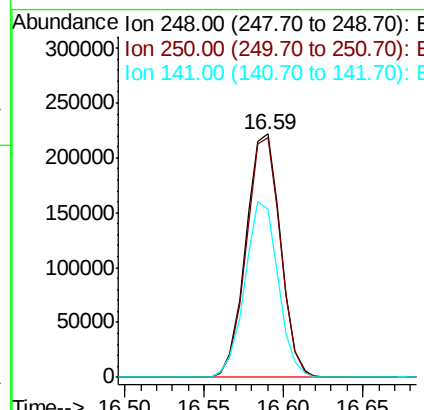
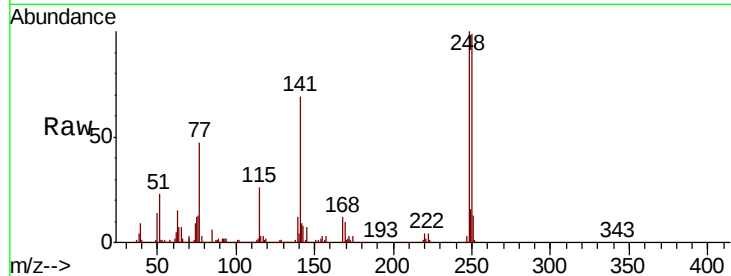
#67
4-Bromophenyl-phenylether
Concen: 53.230 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.4	113.2
141	68.9	54.4	81.6

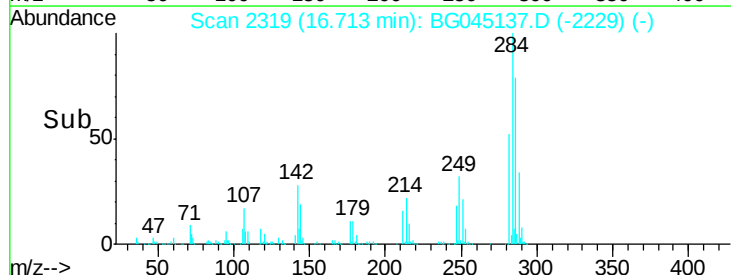
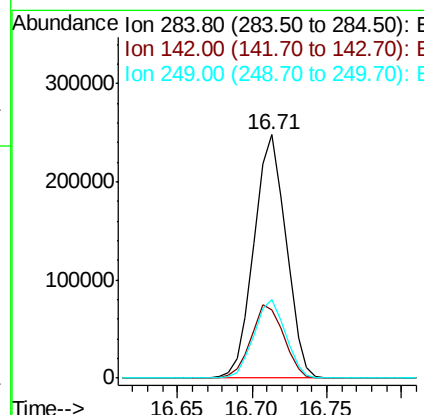
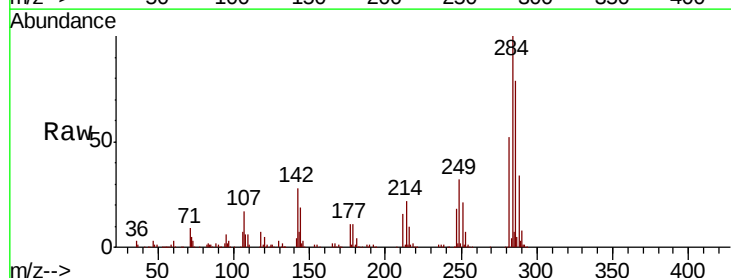
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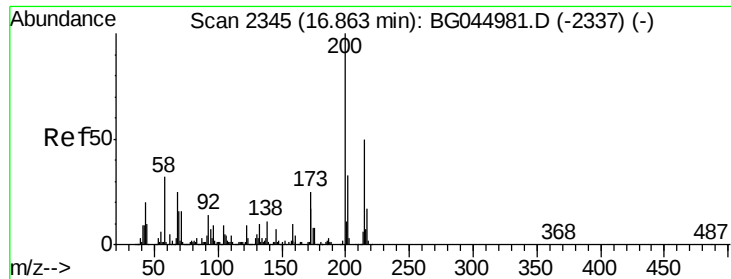
mohammad
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#68
Hexachlorobenzene
Concen: 56.443 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.8	38.6
249	32.4	26.6	39.8





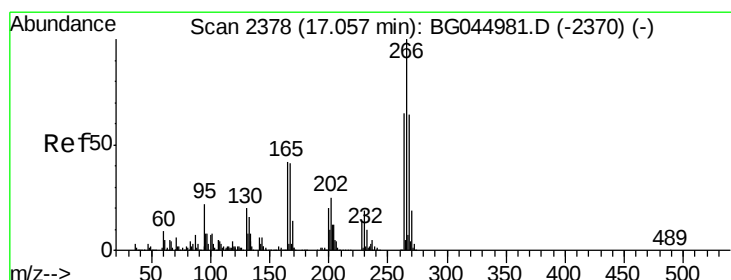
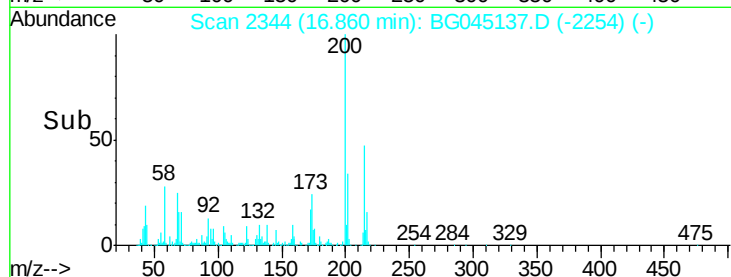
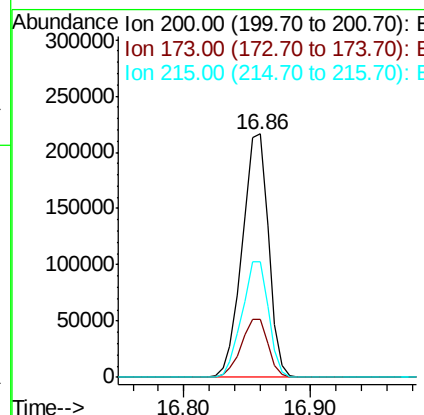
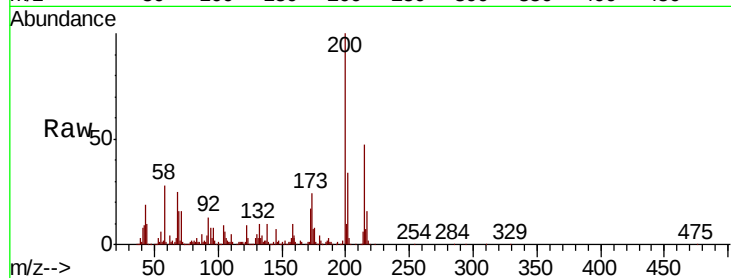
#69
Atrazine
Concen: 62.590 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	309902		
173	23.7	4.5	44.5	
215	47.3	30.0	70.0	

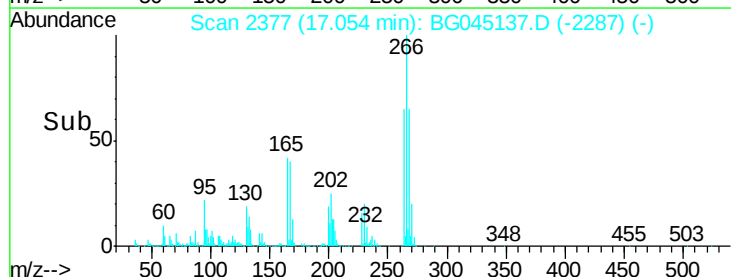
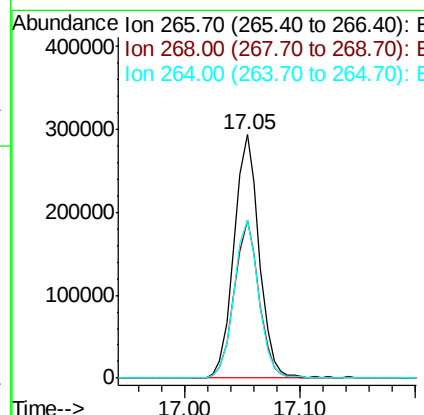
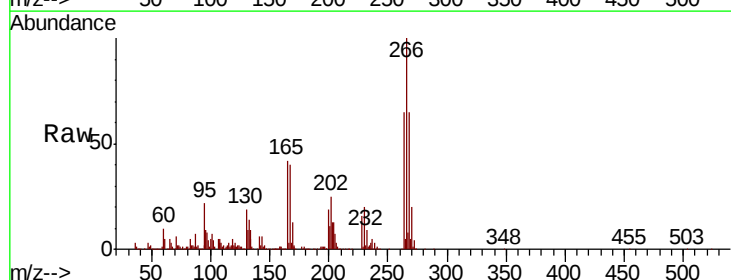
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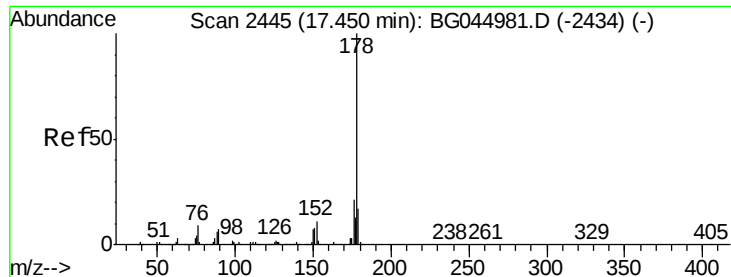
mohammad
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#70
Pentachlorophenol
Concen: 111.356 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	445122		
268	64.9	51.5	77.3	
264	64.7	52.2	78.4	





#71

Phenanthrene

Concen: 53.305 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

TP-4-DMSD

Tot Ion:178 Resp: 1333999

Ion Ratio Lower Upper

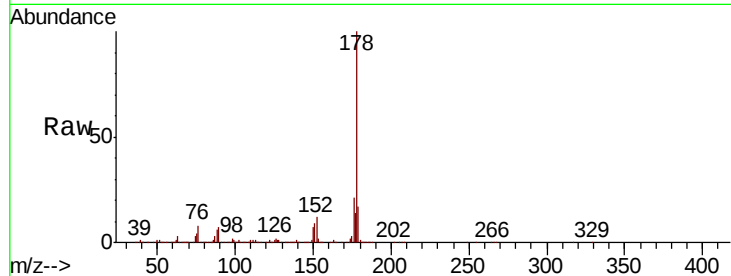
178 100

176 21.5 16.8 25.2

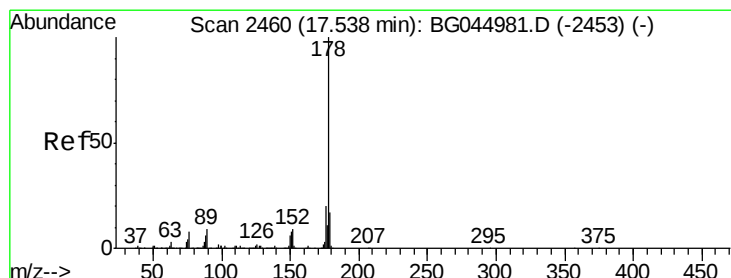
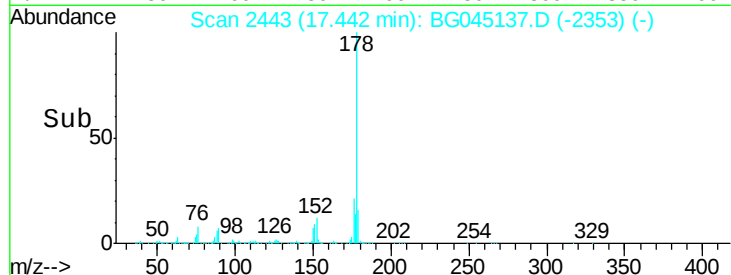
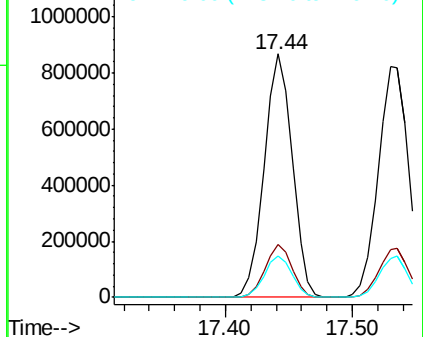
179 17.0 13.2 19.8

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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



#72

Anthracene

Concen: 54.328 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

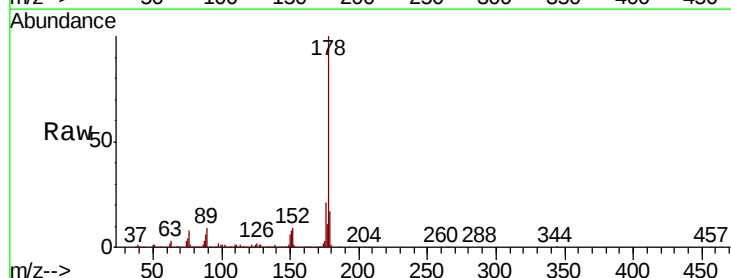
Tgt Ion:178 Resp: 1363827

Ion Ratio Lower Upper

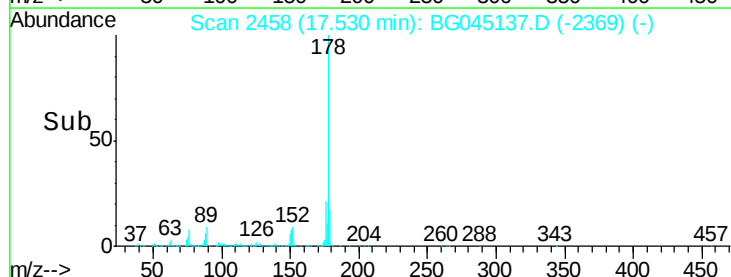
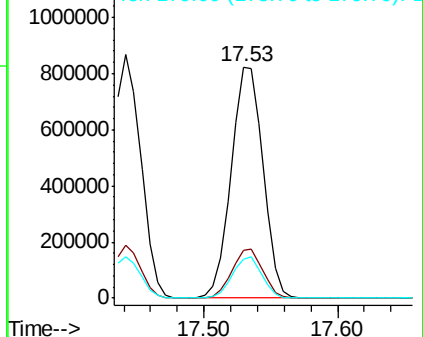
178 100

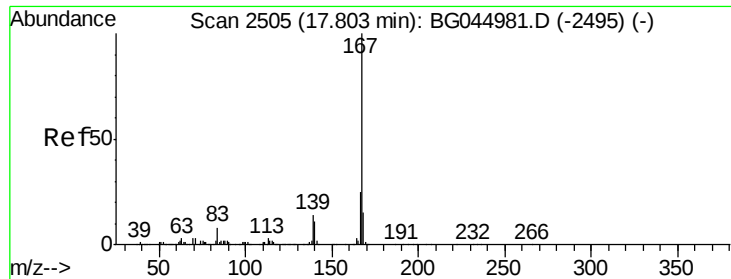
176 20.8 16.0 24.0

179 17.0 13.6 20.4



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





#73

Carbazole

Concen: 48.762 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

TP-4-DMSD

Tot Ion:167 Resp: 1242219

Ion Ratio Lower Upper

167 100

166 25.0 19.8 29.6

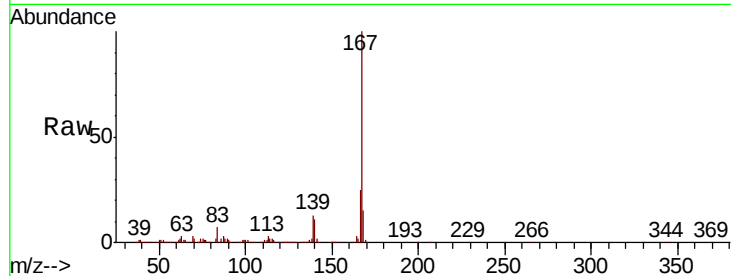
139 13.3 10.9 16.3

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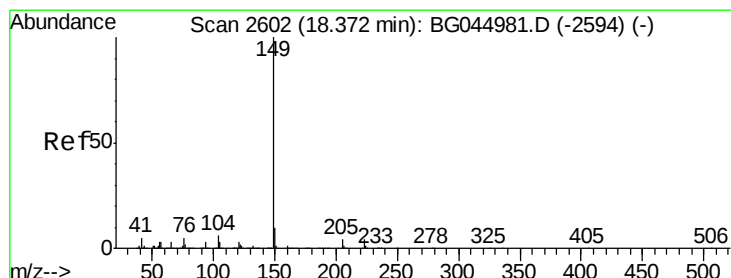
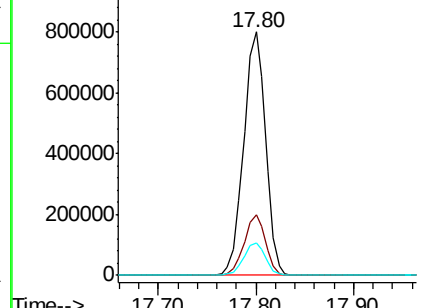
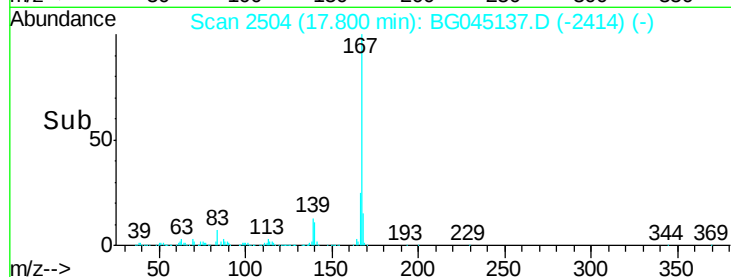
4/24/2020 4:19:22 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.355 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

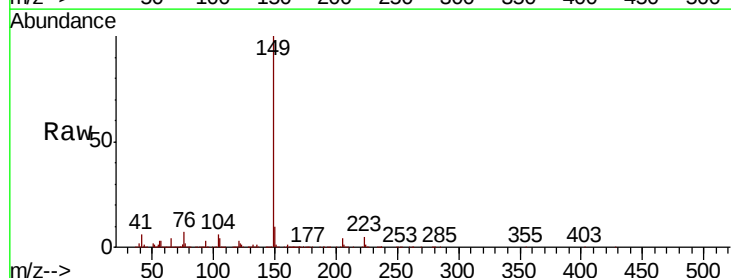
Tgt Ion:149 Resp: 1472311

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

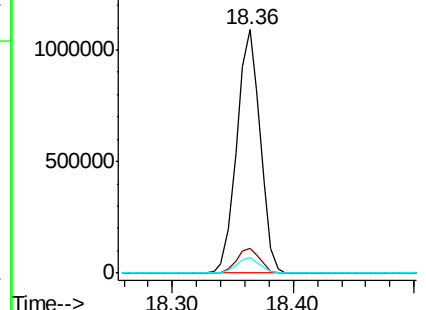
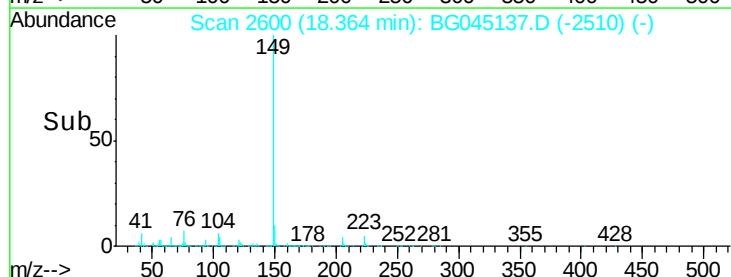
104 6.5 4.8 7.2

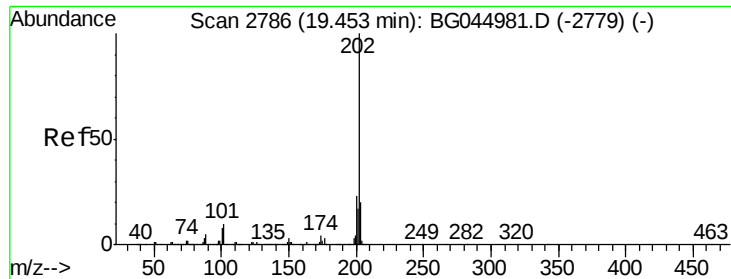


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.058 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

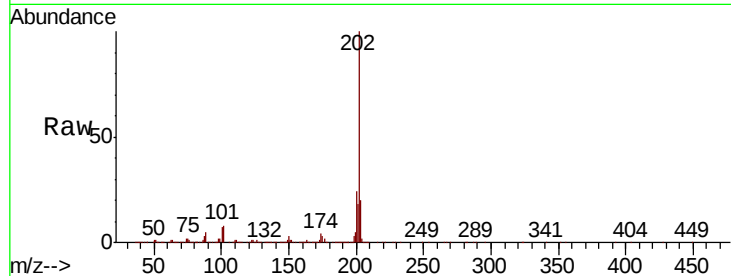
ClientSampled :

TP-4-DMSD

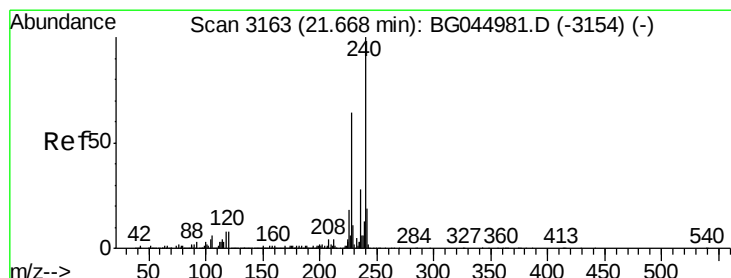
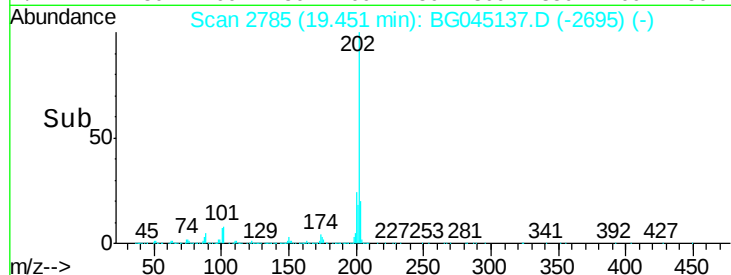
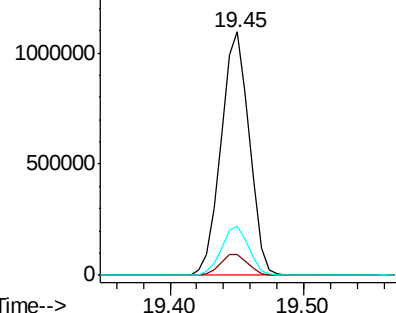
Tot Ion:	202	Resp:	1604342
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	29.6
203	20.1	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
1500000 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

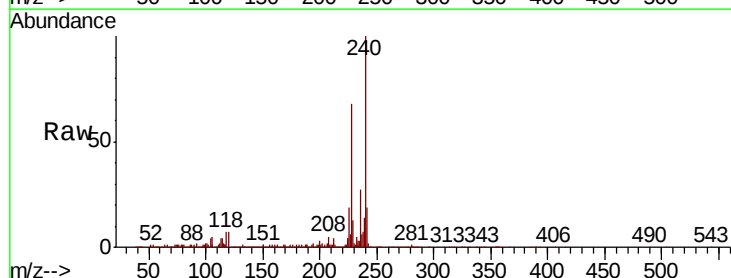
RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

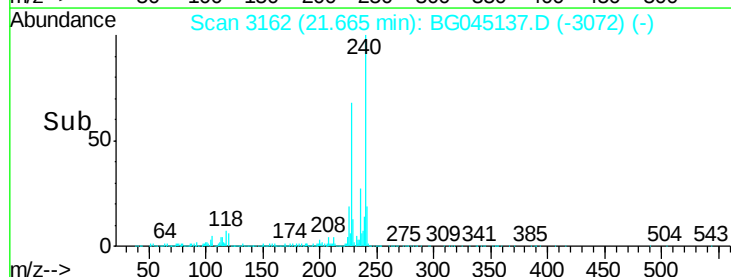
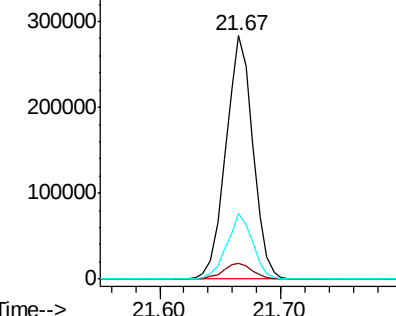
Lab File: BG045137.D

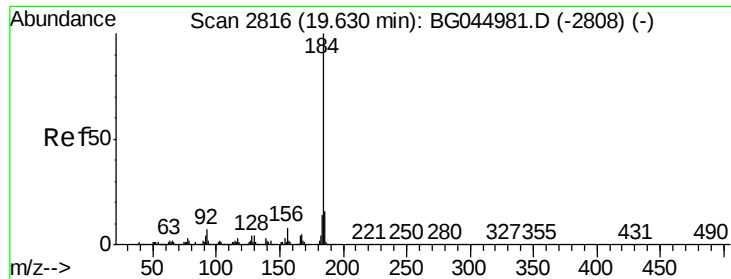
Acq: 22 Apr 2020 22:06

Tgt Ion:	240	Resp:	442261
Ion Ratio	Lower	Upper	
240	100		
120	6.5	6.6	10.0#
236	27.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.616 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

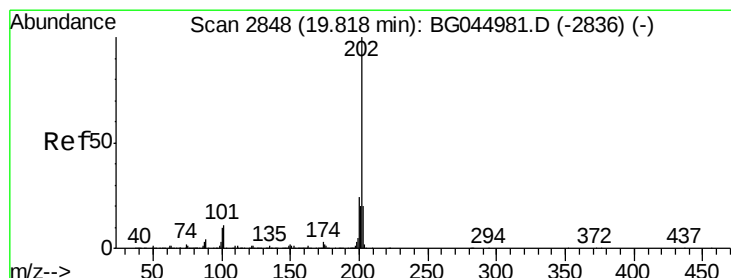
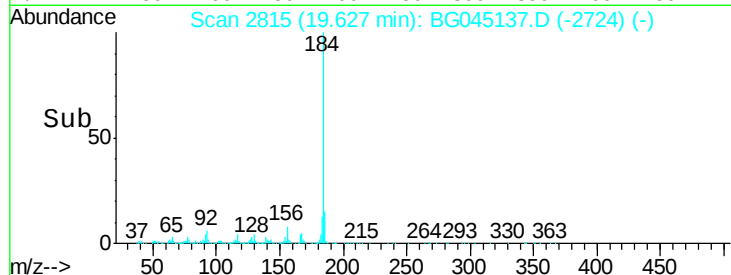
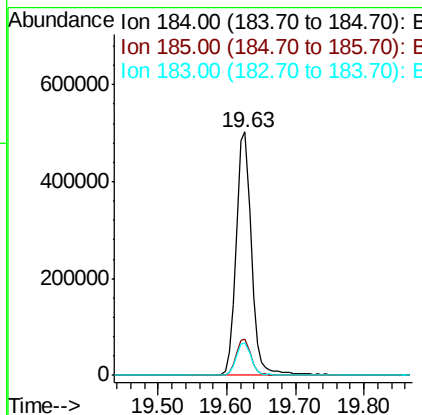
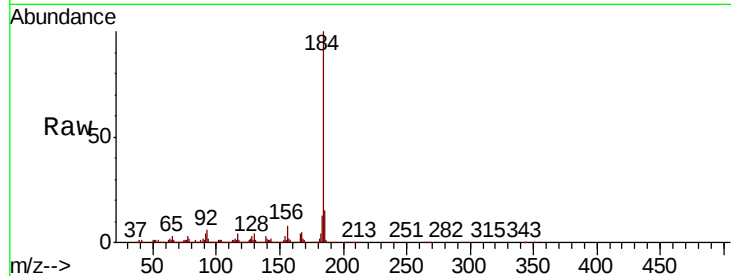
ClientSampleId :

TP-4-DMSD

Tot Ion:	184	Resp:	772223
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	19.0
183	13.1	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 52.078 ng

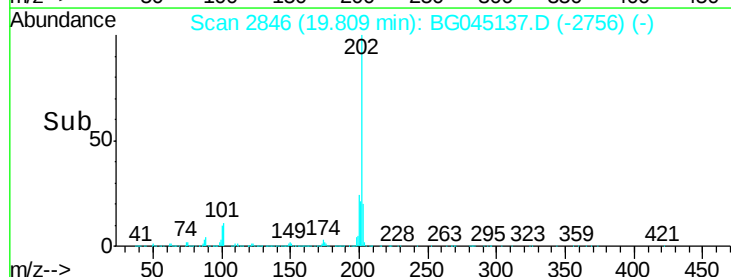
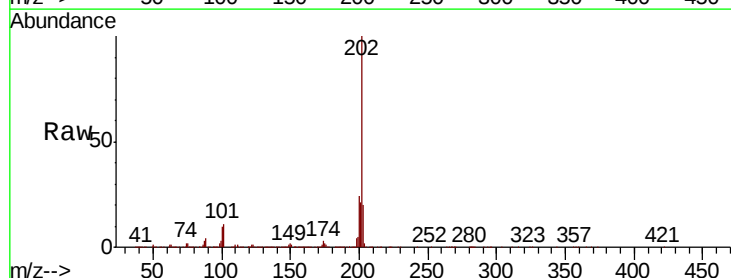
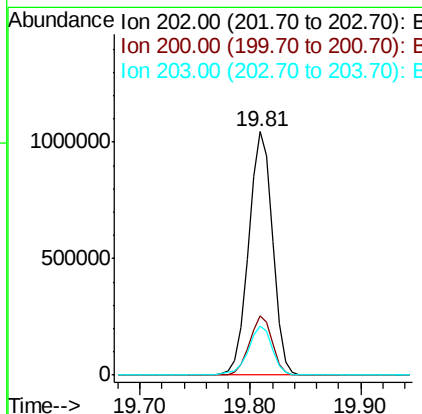
RT: 19.81 min Scan# 2846

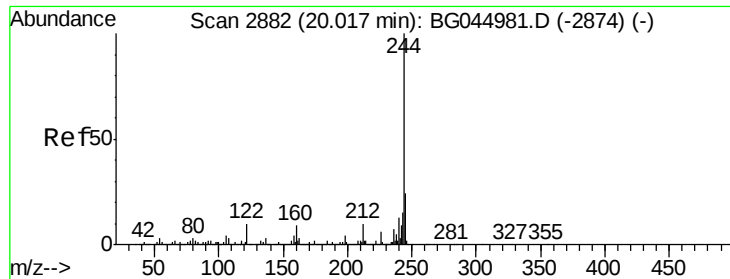
Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	202	Resp:	1587826
Ion Ratio	Lower	Upper	
202	100		
200	24.4	19.0	28.6
203	20.0	16.1	24.1





#79

Terphenyl-d14

Concen: 107.589 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

TP-4-DMSD

Tot Ion:244 Resp: 2183105

Ion Ratio Lower Upper

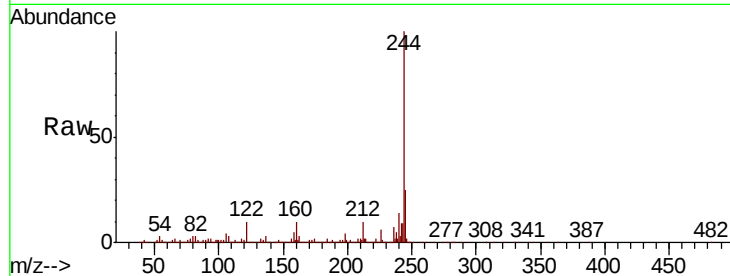
244 100

212 10.2 7.9 11.9

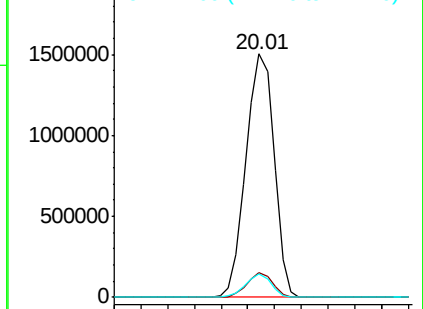
122 9.6 7.7 11.5

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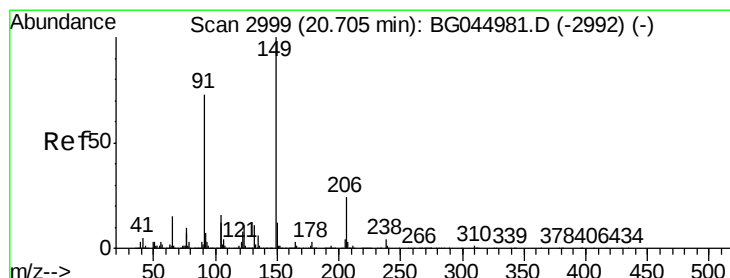
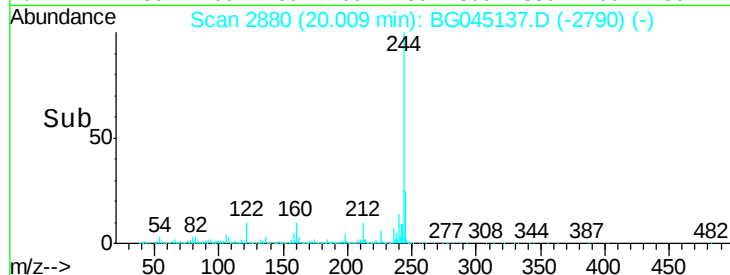
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 51.437 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

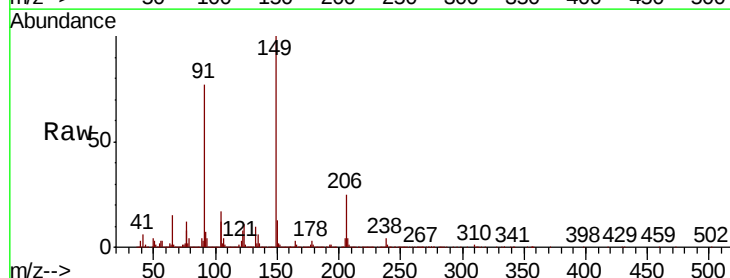
Tgt Ion:149 Resp: 650083

Ion Ratio Lower Upper

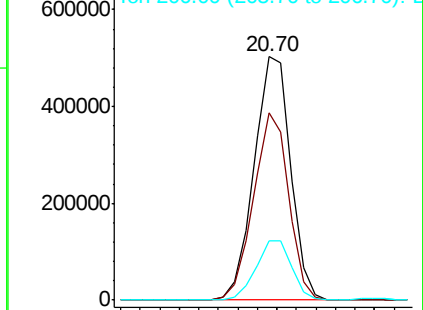
149 100

91 77.1 58.5 87.7

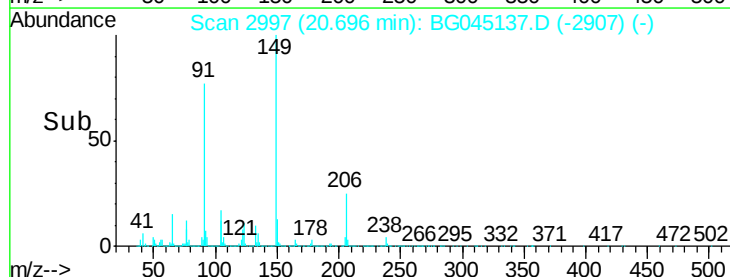
206 24.6 19.2 28.8

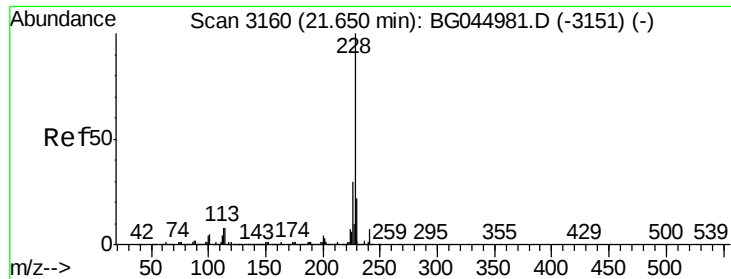


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70 20.75





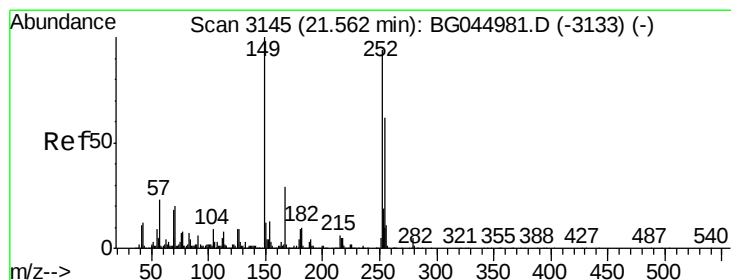
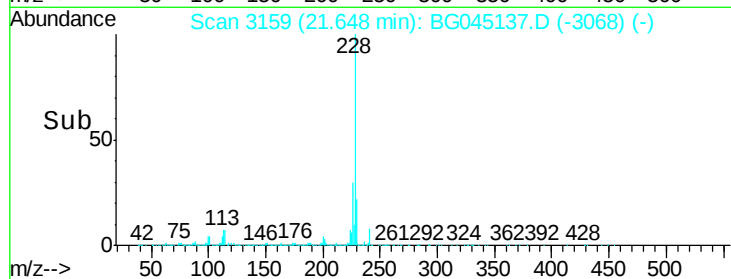
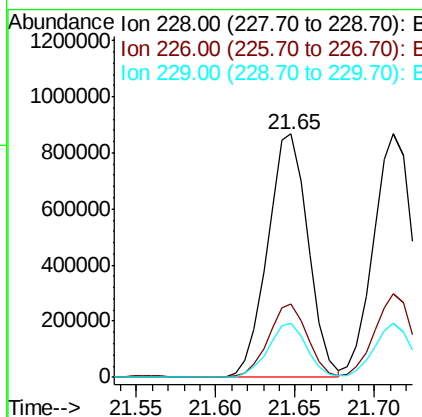
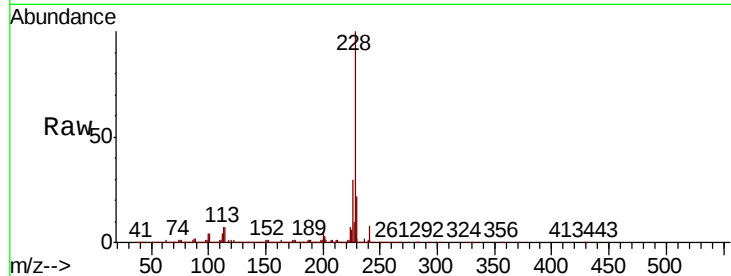
#81
Benzo(a)anthracene
Concen: 53.598 ng
RT: 21.65 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.3	17.5	26.3

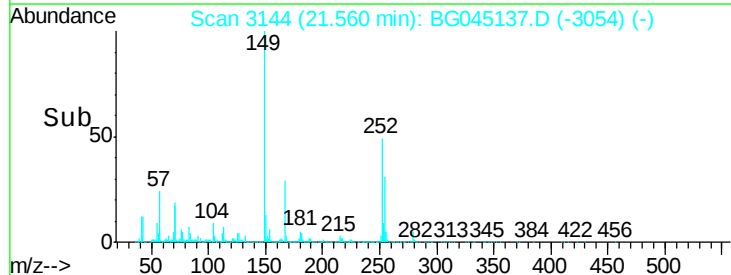
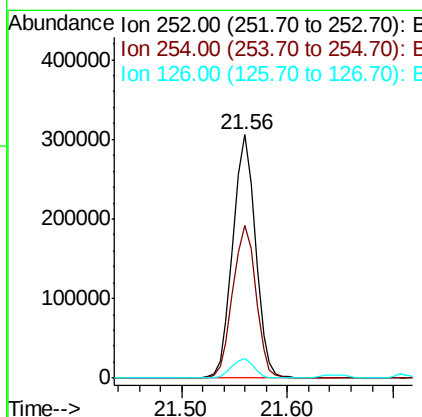
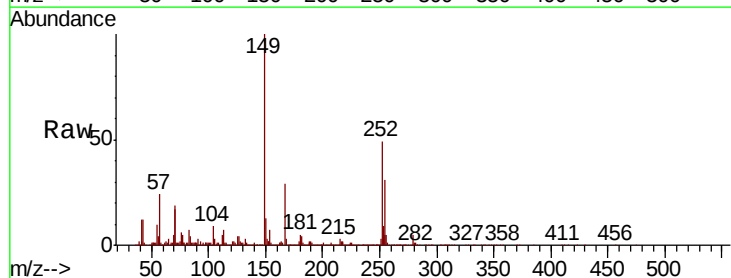
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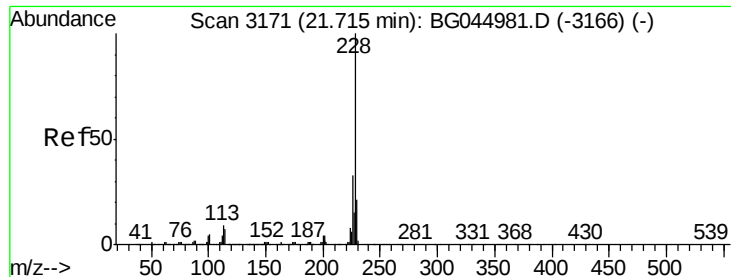
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.781 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	79.0
126	8.0	7.5	11.3





#83

Chrysene

Concen: 53.491 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampled :

TP-4-DMSD

Tot Ion:228 Resp: 1473234

Ion Ratio Lower Upper

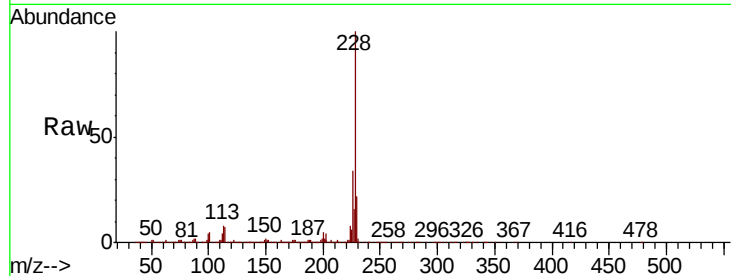
228 100

226 34.4 26.2 39.4

229 22.1 17.0 25.6

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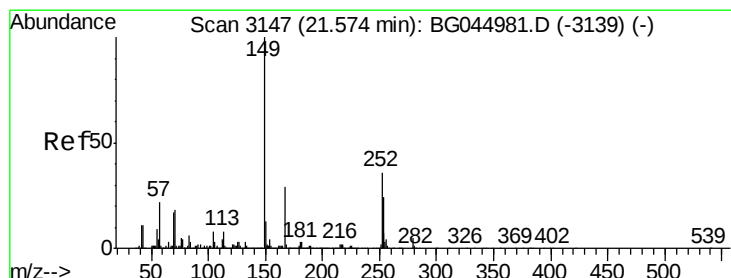
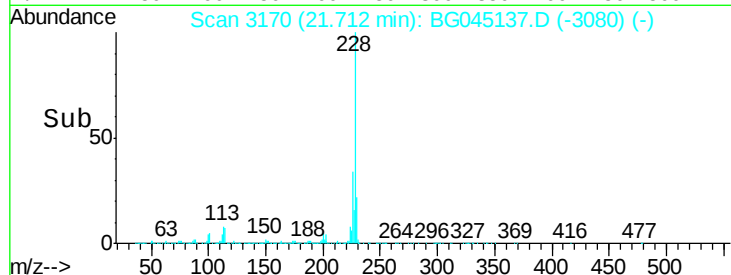
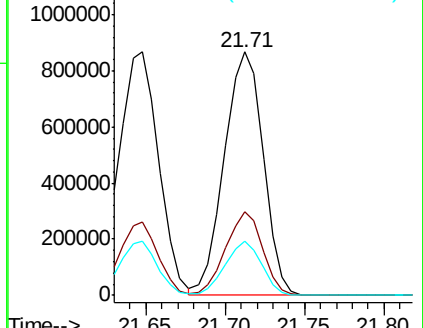


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.363 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

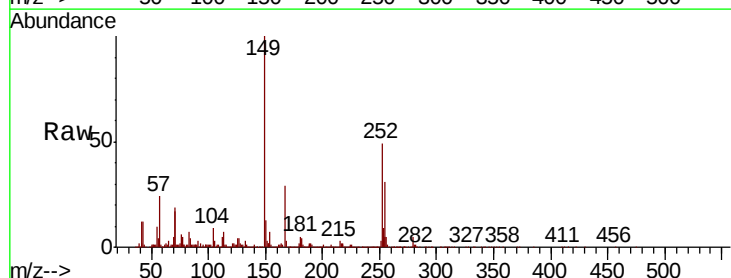
Tgt Ion:149 Resp: 910184

Ion Ratio Lower Upper

149 100

167 29.1 23.4 35.0

279 5.5 4.3 6.5

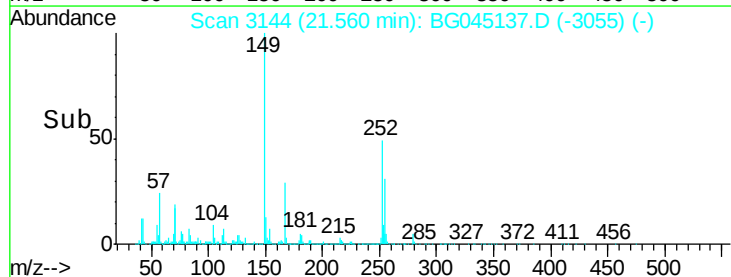
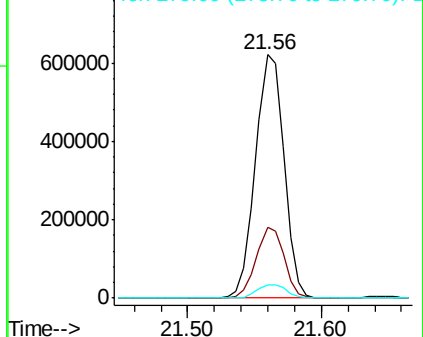


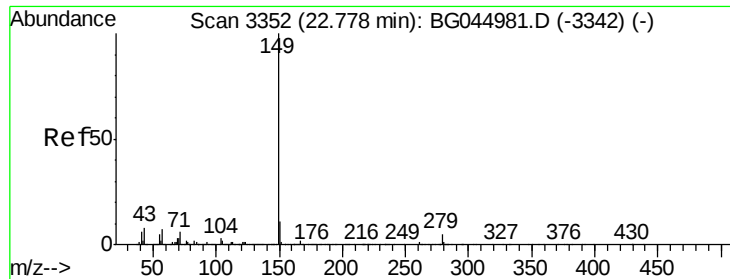
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.965 ng

RT: 22.76 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

ClientSampleId :

TP-4-DMSD

Tot Ion:149 Resp: 1531906

Ion Ratio Lower Upper

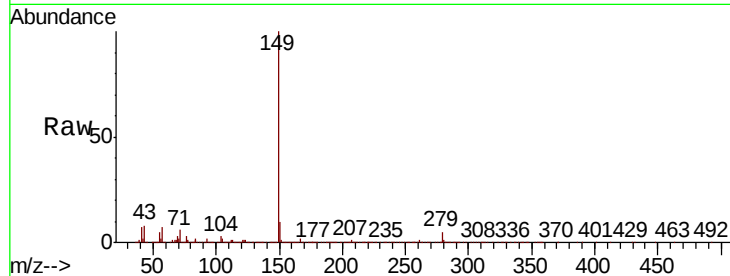
149 100

167 1.8 1.4 2.2

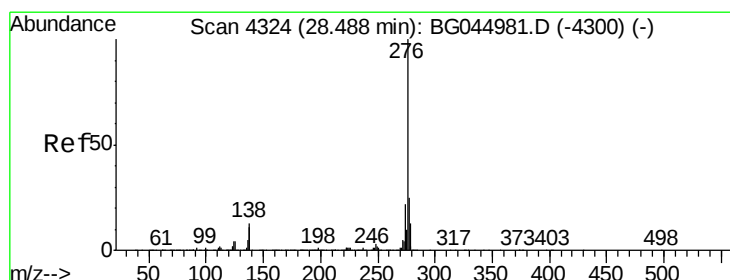
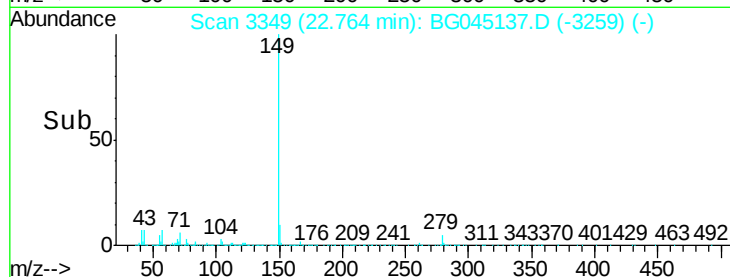
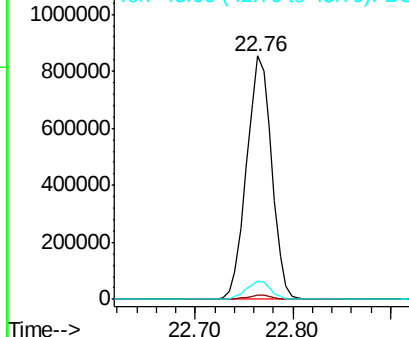
43 7.3 5.7 8.5

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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: 54.782 ng

RT: 28.49 min Scan# 4323

Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

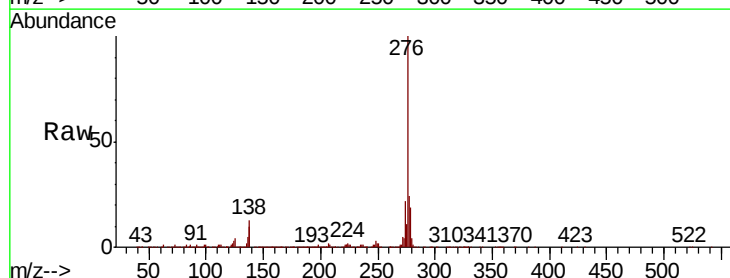
Tgt Ion:276 Resp: 2003193

Ion Ratio Lower Upper

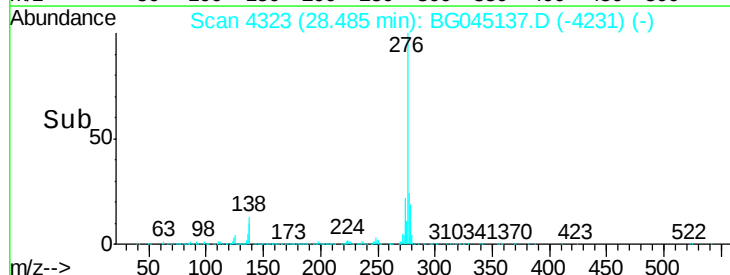
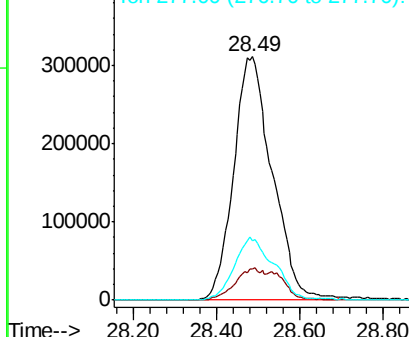
276 100

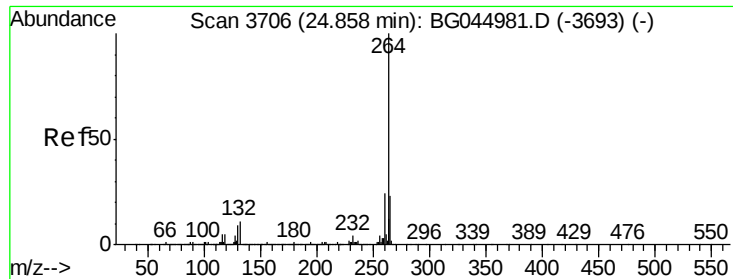
138 10.0 9.6 14.4

277 26.5 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: 24.85 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Instrument :

BNA_G

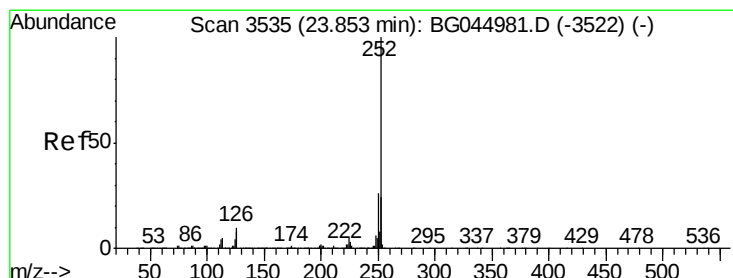
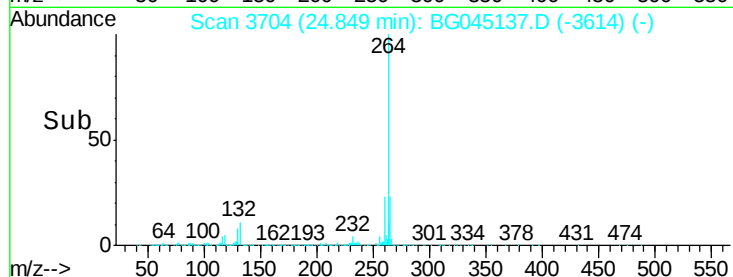
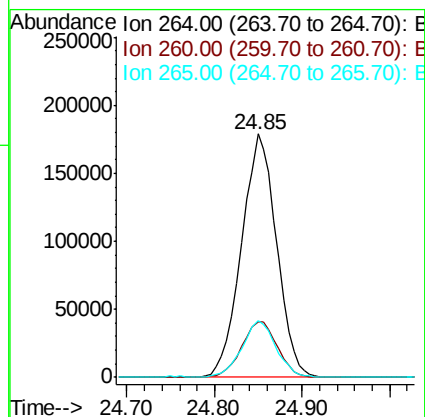
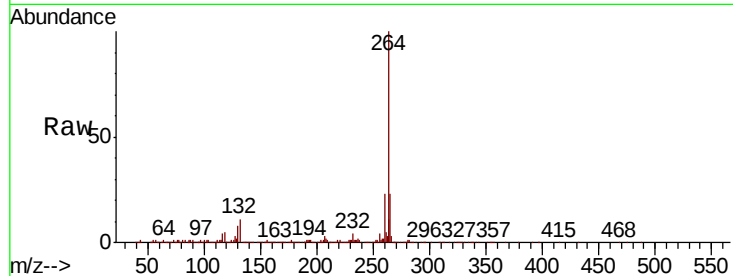
ClientSampleId :

TP-4-DMSD

Tot Ion:	264	Resp:	485160
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	23.4	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 55.205 ng

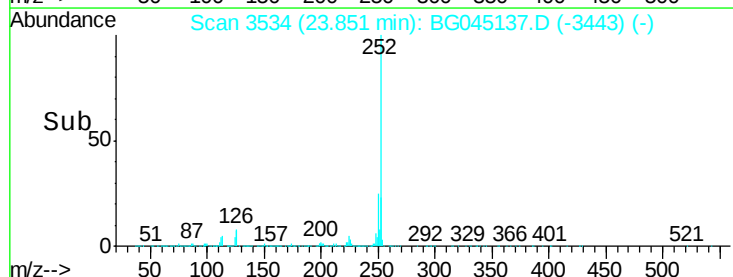
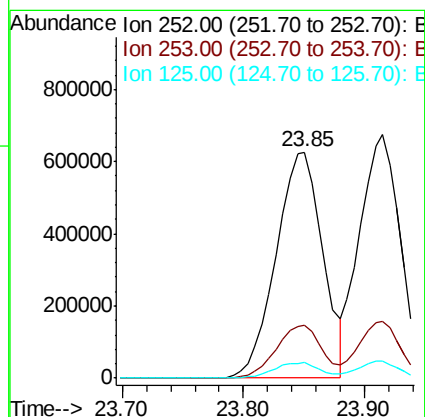
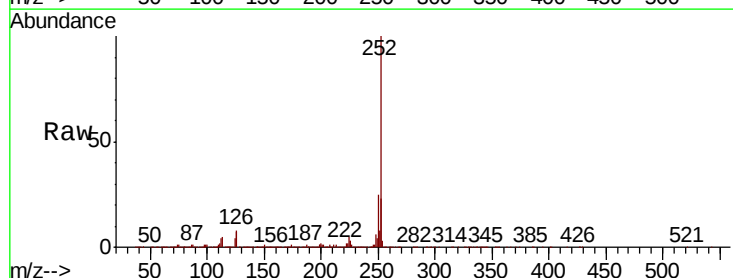
RT: 23.85 min Scan# 3534

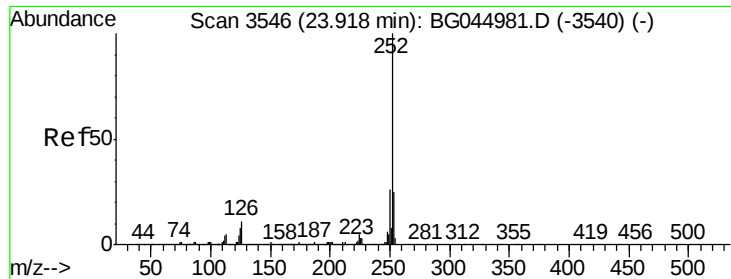
Delta R.T. 0.01 min

Lab File: BG045137.D

Acq: 22 Apr 2020 22:06

Tgt Ion:	252	Resp:	1677678
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.8	28.2
125	6.8	6.2	9.4





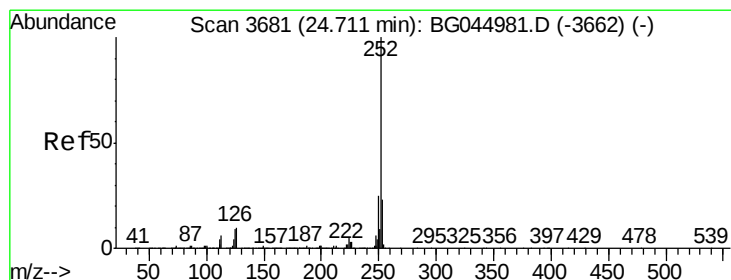
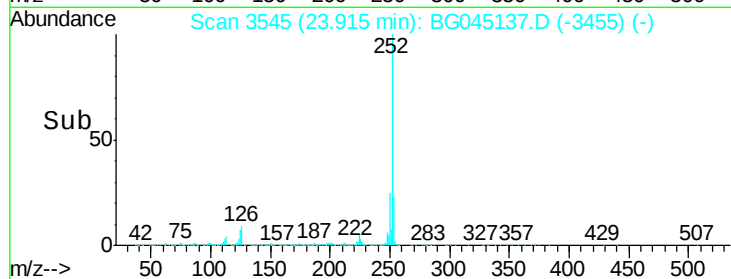
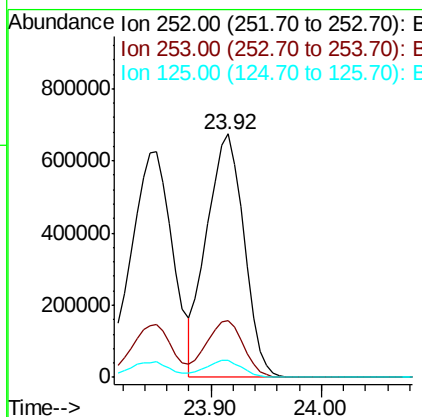
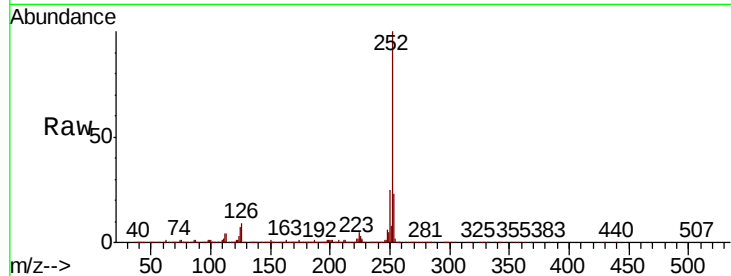
#89
Benzo(k)fluoranthene
Concen: 54.498 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	7.0	5.9	8.9

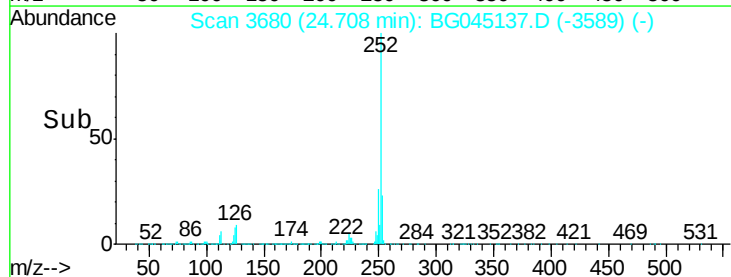
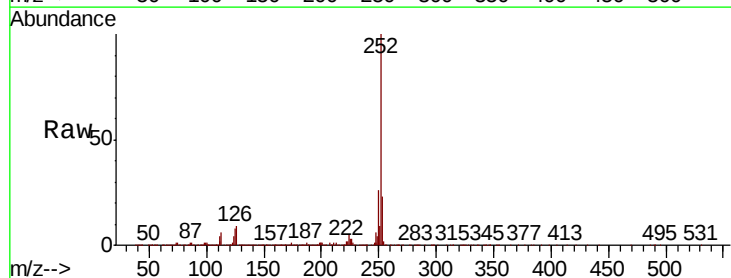
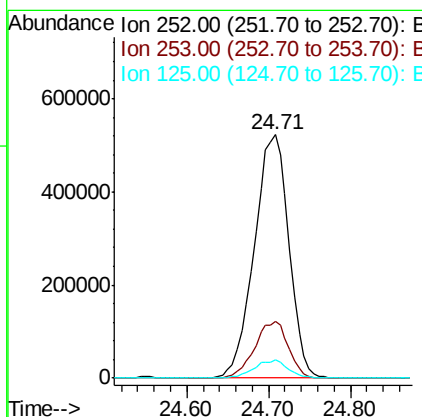
Manual Integrations
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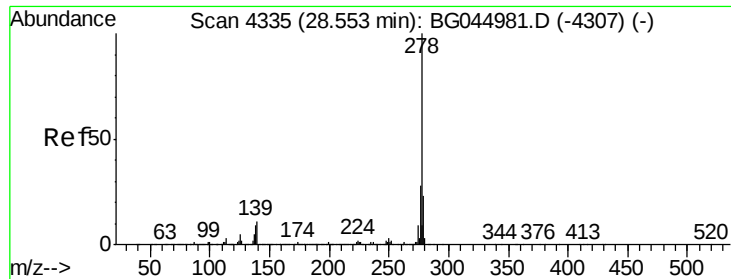
mohammad
4/24/2020 4:19:22 AM



#90
Benzo(a)pyrene
Concen: 53.376 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.6	7.0	10.6





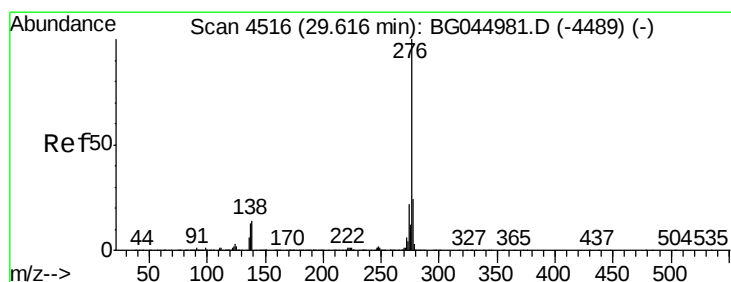
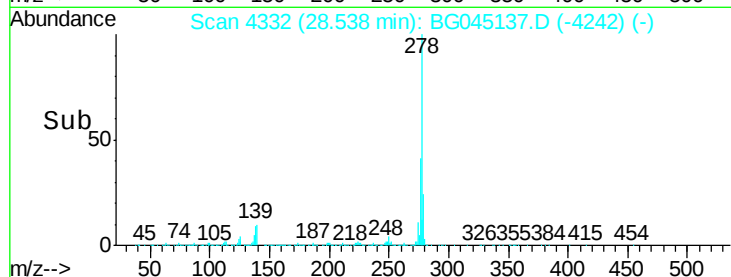
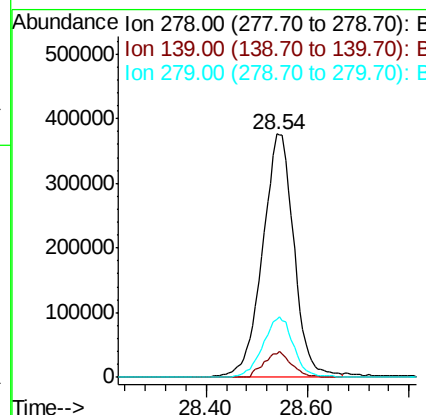
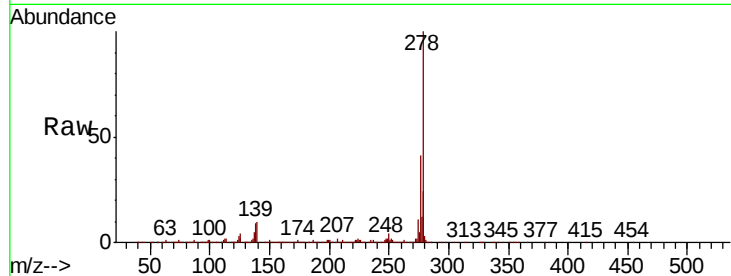
#91
Dibenzo(a,h)anthracene
Concen: 56.188 ng
RT: 28.54 min Scan# 4332
Delta R.T. 0.00 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Instrument :
BNA_G
ClientSampleId :
TP-4-DMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.6
279	24.0	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/24/2020 4:19:22 AM



#92
Benzo(g,h,i)perylene
Concen: 54.680 ng
RT: 29.61 min Scan# 4515
Delta R.T. 0.01 min
Lab File: BG045137.D
Acq: 22 Apr 2020 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	13.2	11.4	17.2

