

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045270.D
 Acq On : 7 May 2020 15:21
 Operator : CG/JU
 Sample : L2515-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Manual Integrations
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mohammad
 5/8/2020 1:00:01 PM

Quant Time: May 07 16:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	63784	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	251620	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	181797	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	432932	20.00	ng	0.00
76) Chrysene-d12	21.64	240	396600	20.00	ng	0.00
87) Perylene-d12	24.81	264	440198	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	463201	119.89	ng	0.00
7) Phenol-d6	7.15	99	587921	102.42	ng	0.00
23) Nitrobenzene-d5	9.14	82	480570	87.15	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	370721	132.00	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1101287	88.83	ng	0.00
79) Terphenyl-d14	19.99	244	1918001	105.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	63283	36.857	ng	# 40
3) Pyridine	3.85	79	145105	27.448	ng	99
4) n-Nitrosodimethylamine	3.75	42	71434	44.109	ng	90
6) Aniline	7.30	93	215929	28.932	ng	98
8) 2-Chlorophenol	7.55	128	182159	43.870	ng	98
9) Benzaldehyde	7.11	77	126606	38.791	ng	99
10) Phenol	7.18	94	202804	35.307	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	177948	38.910	ng	98
12) 1,3-Dichlorobenzene	7.87	146	198388	40.547	ng	95
13) 1,4-Dichlorobenzene	8.02	146	202039	41.441	ng	98
14) 1,2-Dichlorobenzene	8.34	146	191605	41.080	ng	96
15) Benzyl Alcohol	8.22	79	193356	40.177	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.51	45	162538	36.206	ng	94
17) 2-Methylphenol	8.43	107	159334	35.952	ng	93
18) Hexachloroethane	9.07	117	77145	42.091	ng	93
19) n-Nitroso-di-n-propylamine	8.79	70	162470	40.023	ng	99
20) 3+4-Methylphenols	8.76	107	218945	35.295	ng	98
22) Acetophenone	8.80	105	303788	44.645	ng	# 98
24) Nitrobenzene	9.18	77	238193	42.139	ng	93
25) Isophorone	9.71	82	457554	40.517	ng	99
26) 2-Nitrophenol	9.90	139	109617	45.020	ng	99
27) 2,4-Dimethylphenol	9.96	122	177400	45.918	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	249061	41.976	ng	97
29) 2,4-Dichlorophenol	10.44	162	193690	43.419	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	214526	42.474	ng	97
31) Naphthalene	10.84	128	638322	46.373	ng	98
32) Benzoic acid	10.10	122	86206	30.327	ng	95
33) 4-Chloroaniline	10.94	127	57137	8.901	ng	95
34) Hexachlorobutadiene	11.14	225	144358	41.687	ng	98
35) Caprolactam	11.71	113	54677m	30.796	ng	
36) 4-Chloro-3-methylphenol	12.08	107	225202	42.973	ng	98
37) 2-Methylnaphthalene	12.45	142	450355	42.152	ng	96
38) 1-Methylnaphthalene	12.67	142	435803	43.208	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	250953	42.873	ng	99

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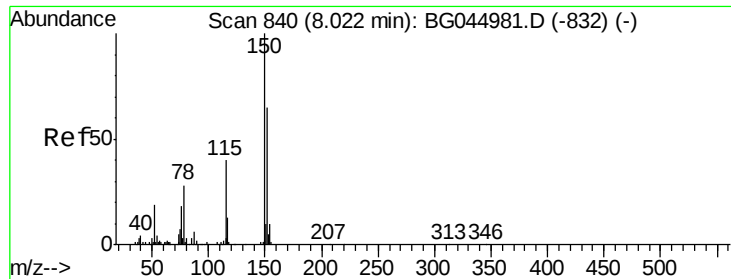
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	278507	76.127	ng	95
43) 2,4,6-Trichlorophenol	13.06	196	176827	42.804	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	192095	40.851	ng	98
46) 1,1'-Biphenyl	13.46	154	580821	42.034	ng	99
47) 2-Chloronaphthalene	13.50	162	442792	41.938	ng	98
48) 2-Nitroaniline	13.70	65	146665	42.220	ng	96
49) Acenaphthylene	14.34	152	743582	43.237	ng	99
50) Dimethylphthalate	14.08	163	694817	46.938	ng	100
51) 2,6-Dinitrotoluene	14.19	165	143245	43.264	ng	94
52) Acenaphthene	14.69	154	556870m	47.857	ng	
53) 3-Nitroaniline	14.53	138	75099	20.681	ng	# 98
54) 2,4-Dinitrophenol	14.73	184	166443	84.541	ng	92
55) Dibenzofuran	15.03	168	727234	42.868	ng	98
56) 4-Nitrophenol	14.84	139	193792	68.828	ng	92
57) 2,4-Dinitrotoluene	14.99	165	196405	40.591	ng	99
58) Fluorene	15.68	166	608675	43.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	191084	45.670	ng	98
60) Diethylphthalate	15.44	149	649343	42.074	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	333660	41.834	ng	99
62) 4-Nitroaniline	15.69	138	137062	36.391	ng	94
63) Azobenzene	15.96	77	616948	43.359	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	125124	43.970	ng	96
66) n-Nitrosodiphenylamine	15.88	169	541540	43.536	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	234615	42.007	ng	99
68) Hexachlorobenzene	16.69	284	256611	44.301	ng	98
69) Atrazine	16.83	200	211637	46.843	ng	99
70) Pentachlorophenol	17.03	266	298606	84.032	ng	98
71) Phenanthrene	17.42	178	997505	44.837	ng	100
72) Anthracene	17.51	178	1024530	45.910	ng	100
73) Carbazole	17.78	167	931656	41.139	ng	98
74) Di-n-butylphthalate	18.34	149	1131541	46.041	ng	99
75) Fluoranthene	19.43	202	1229596	47.344	ng	99
77) Benzidine	19.60	184	561828	49.506	ng	98
78) Pyrene	19.79	202	1216129	44.479	ng	98
80) Butylbenzylphthalate	20.68	149	503604	44.435	ng	100
81) Benzo(a)anthracene	21.62	228	1162613	45.229	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	242058	23.659	ng	97
83) Chrysene	21.69	228	1108404	44.878	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	698110	44.787	ng	98
85) Di-n-octyl phthalate	22.73	149	1184791	43.955	ng	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1475561	44.999	ng	98
88) Benzo(b)fluoranthene	23.81	252	1239574	44.955	ng	98
89) Benzo(k)fluoranthene	23.88	252	1194487	45.552	ng	99
90) Benzo(a)pyrene	24.67	252	1144654	43.968	ng	97
91) Dibenzo(a,h)anthracene	28.49	278	1195812	45.584	ng	98
92) Benzo(g,h,i)perylene	29.55	276	1221467	46.443	ng	97

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



#1

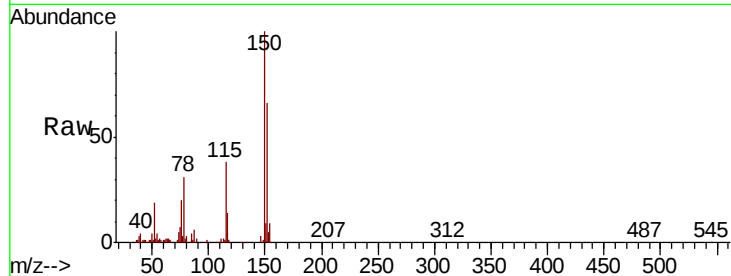
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.6	185.4
115	57.2	49.1	73.7

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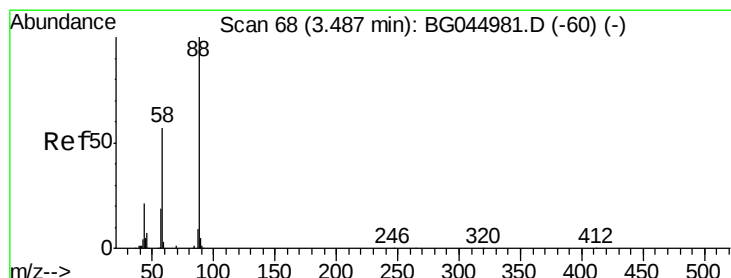
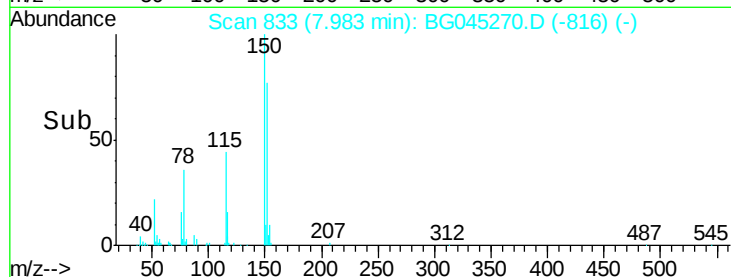
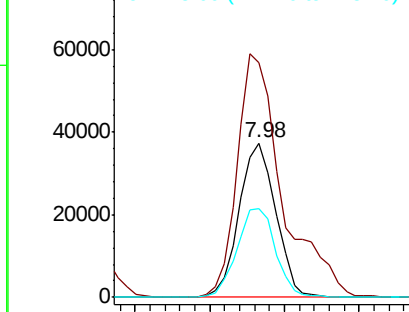


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

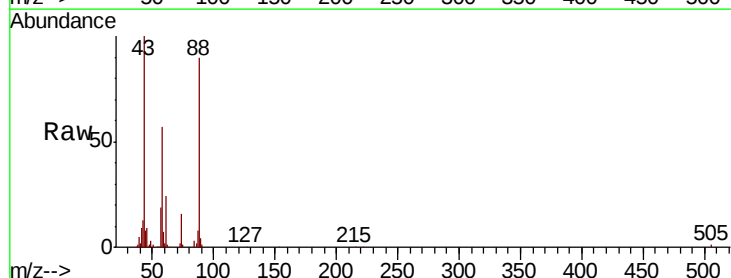
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.857 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.2	46.6	69.8
43	117.0	17.5	26.3

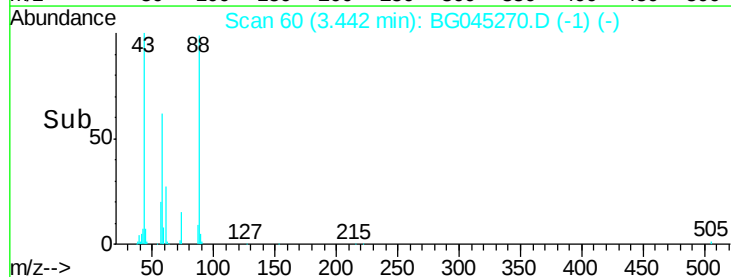
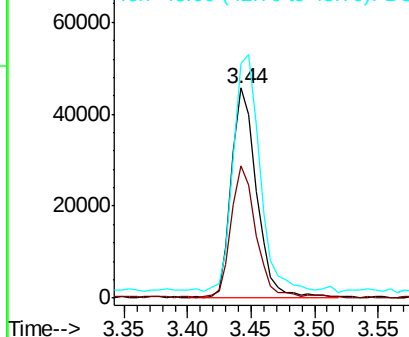


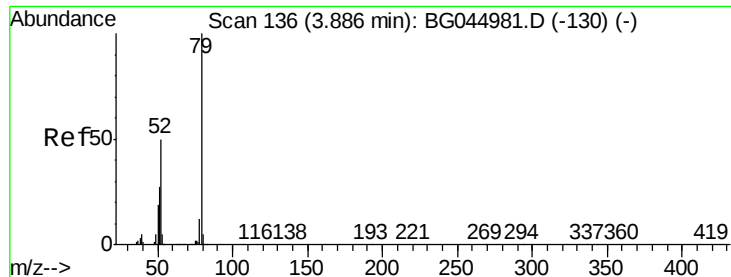
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.448 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

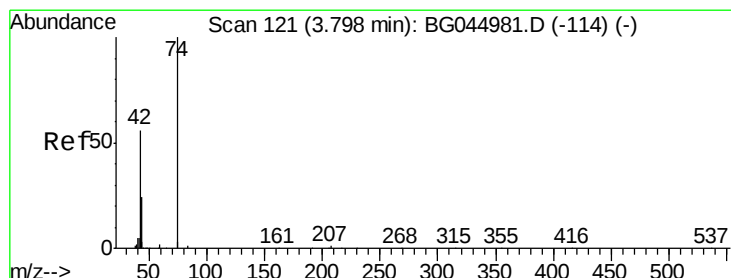
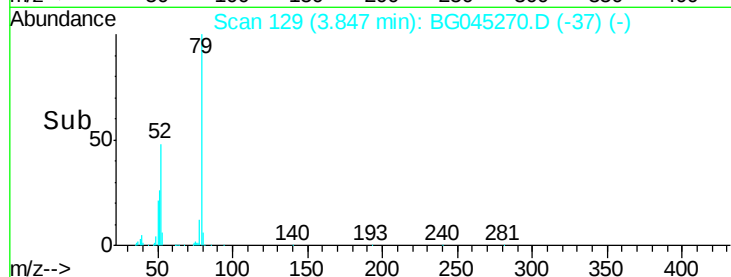
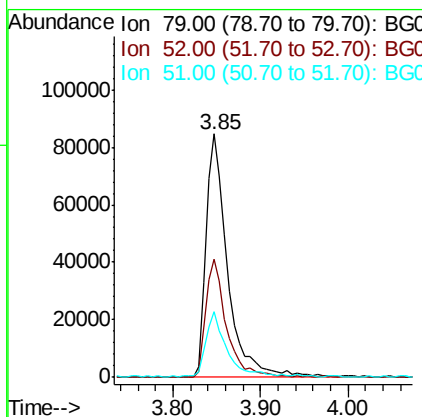
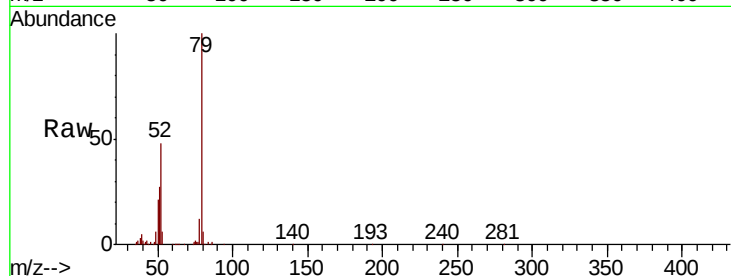
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	48.5		39.8	59.6	
51	27.1		21.4	32.2	

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#4

n-Nitrosodimethylamine

Concen: 44.109 ng

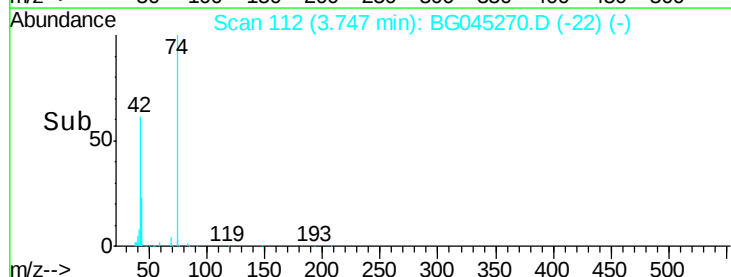
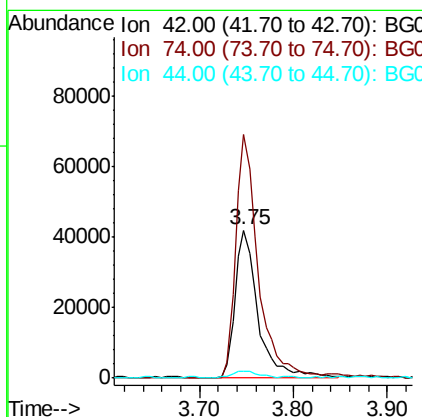
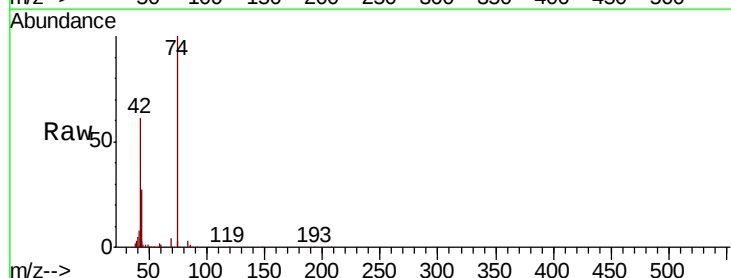
RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	165.0		143.0	214.6	
44	4.9		4.6	6.8	





#5

2-Fluorophenol

Concen: 119.892 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

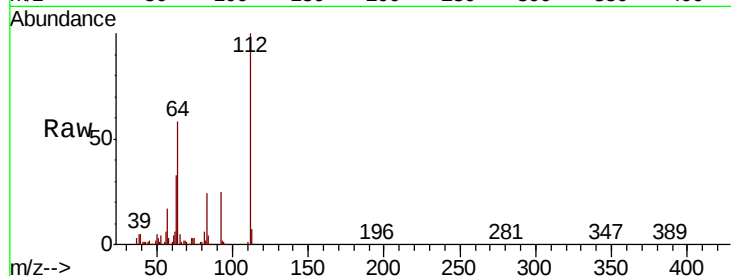
ClientSampleId :

TP-18AMS

Tot Ion:	112	Resp:	463201
Ion Ratio	Lower	Upper	
112	100		
64	58.1	42.4	63.6
63	32.6	23.1	34.7

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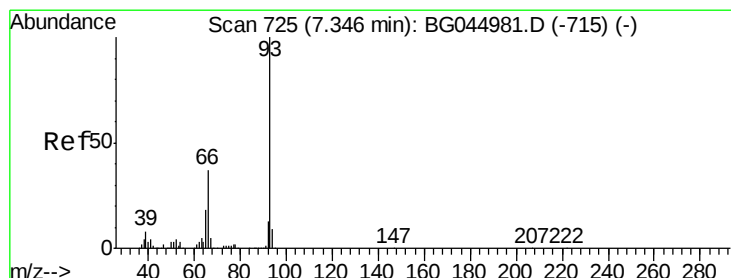
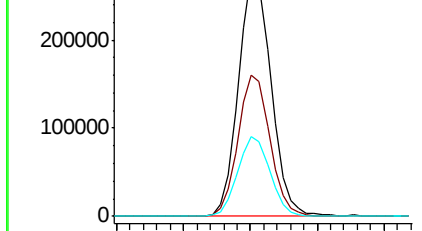
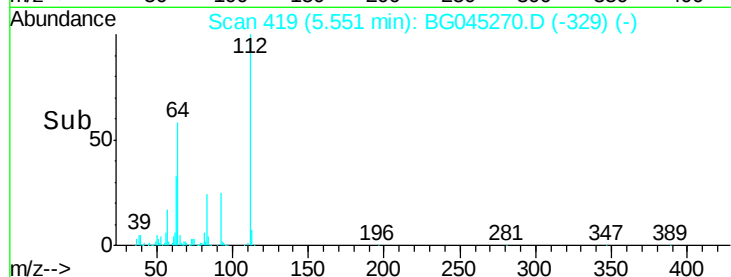


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time--> 5.45 5.50 5.55 5.60 5.65



#6

Aniline

Concen: 28.932 ng

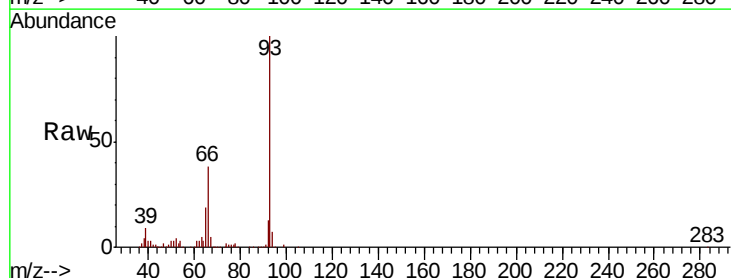
RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	93	Resp:	215929
Ion Ratio	Lower	Upper	
93	100		
66	38.0	29.8	44.8
65	19.4	14.6	22.0

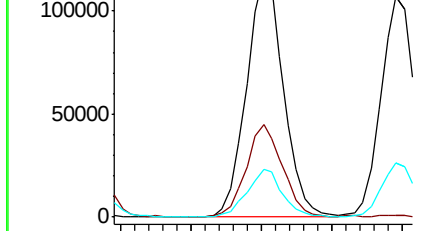
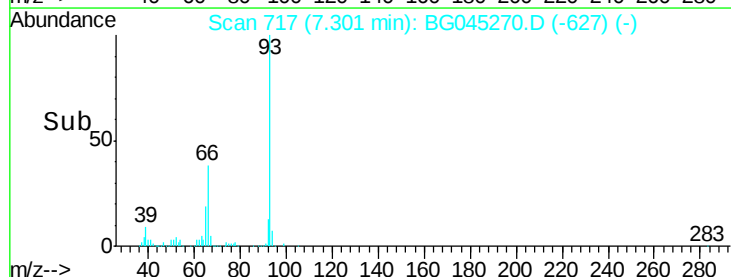


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time--> 7.20 7.25 7.30 7.35





#7

Phenol-d6

Concen: 102.422 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

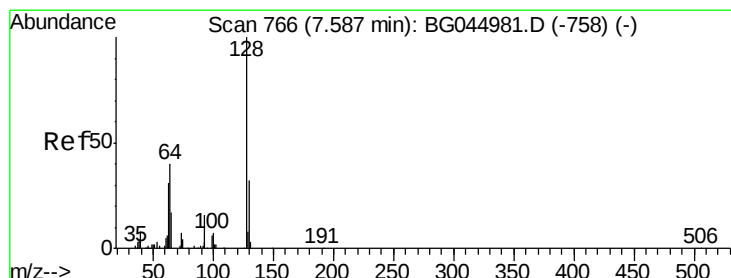
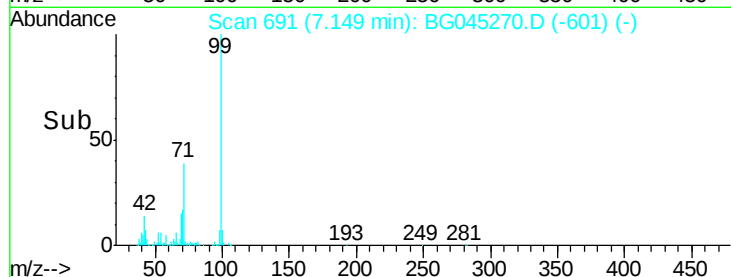
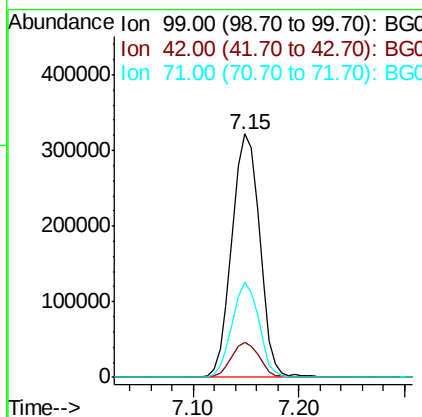
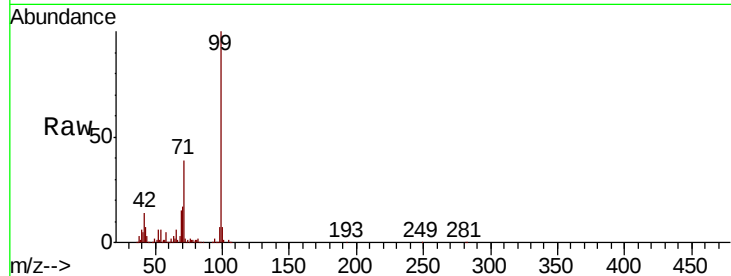
ClientSampleId :

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Tot Ion:	99	Resp:	587921
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	39.0	28.3	42.5

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#8

2-Chlorophenol

Concen: 43.870 ng

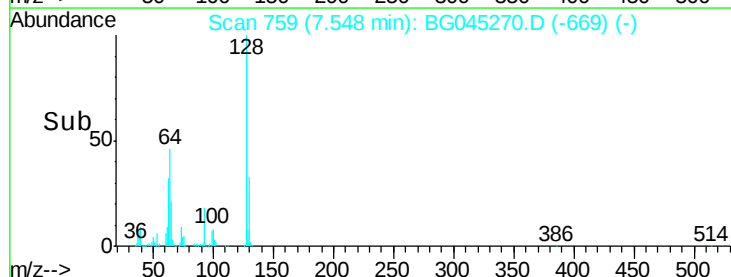
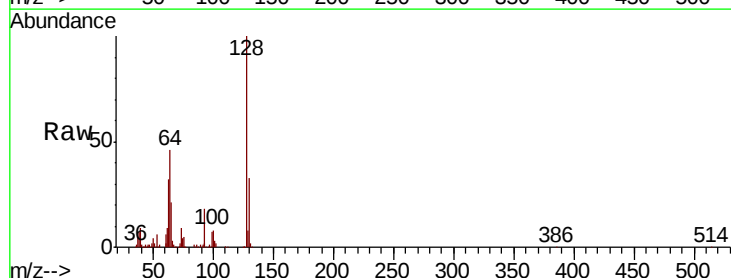
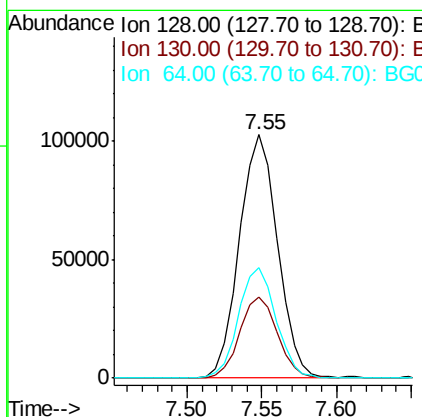
RT: 7.55 min Scan# 759

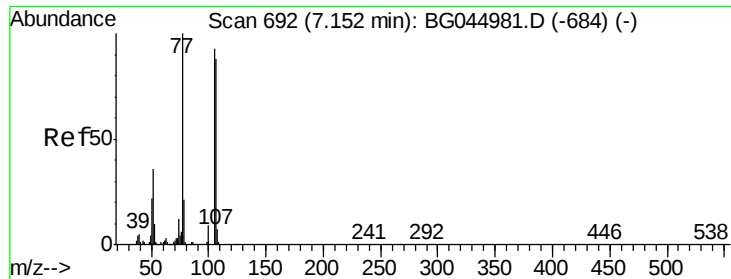
Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	128	Resp:	182159
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	45.6	24.4	64.4





#9

Benzaldehyde

Concen: 38.791 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

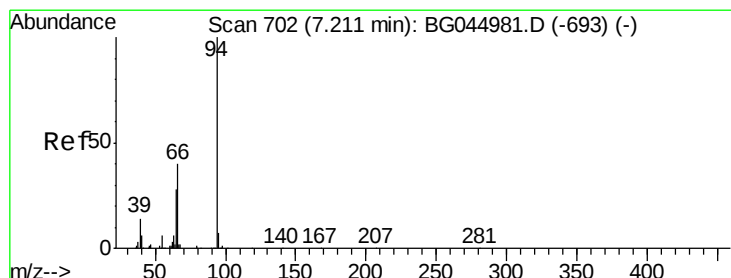
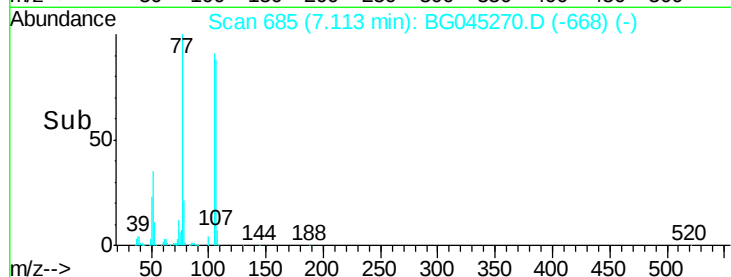
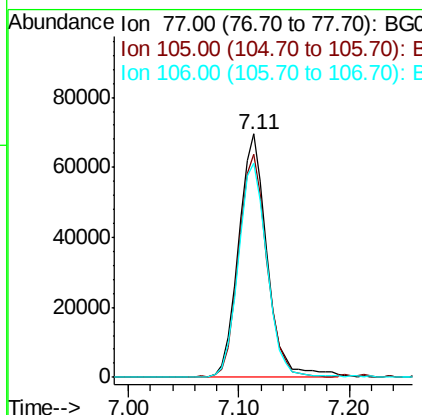
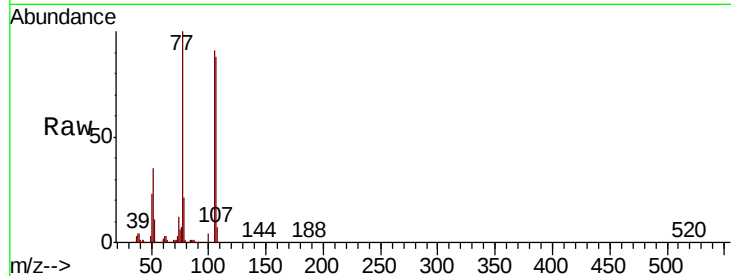
ClientSampleId :

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Tot Ion:	77	Resp:	126606
Ion	Ratio	Lower	Upper
77	100		
105	91.5	72.9	112.9
106	88.0	67.6	107.6

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#10

Phenol

Concen: 35.307 ng

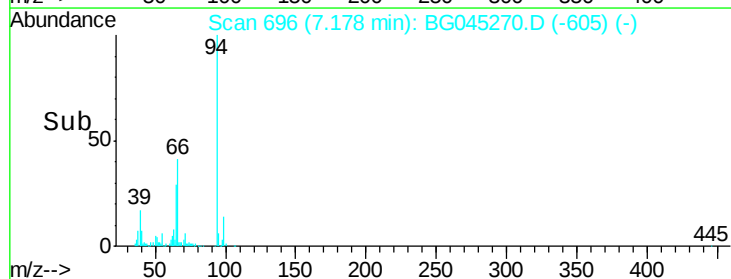
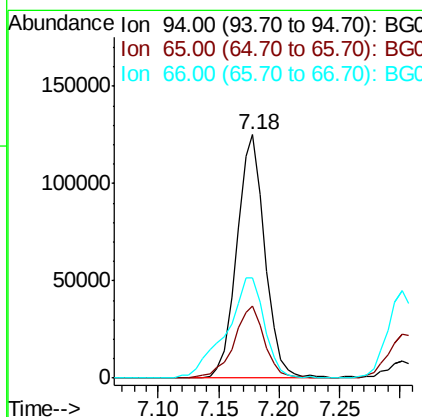
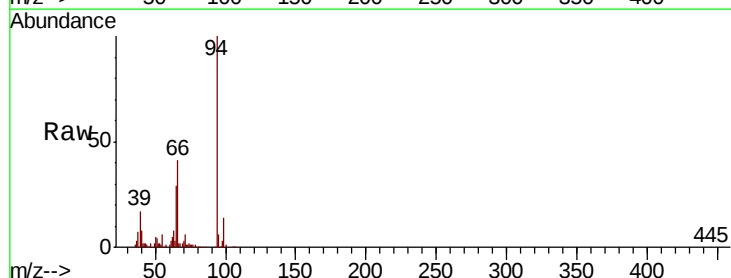
RT: 7.18 min Scan# 696

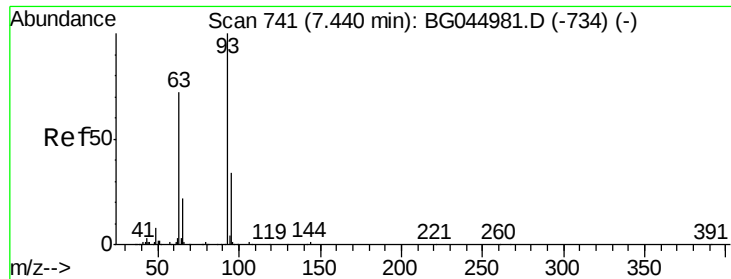
Delta R.T. 0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	94	Resp:	202804
Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.2	48.2
66	41.4	20.4	60.4





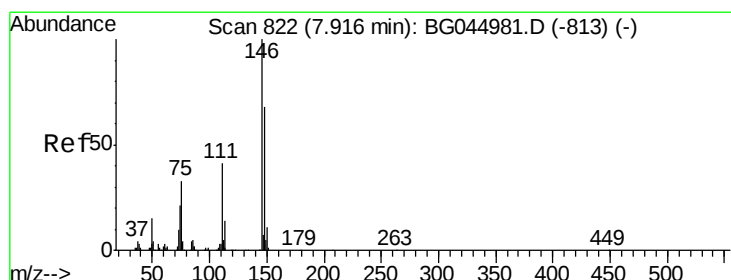
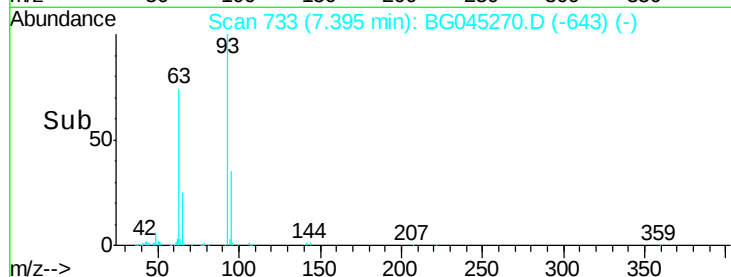
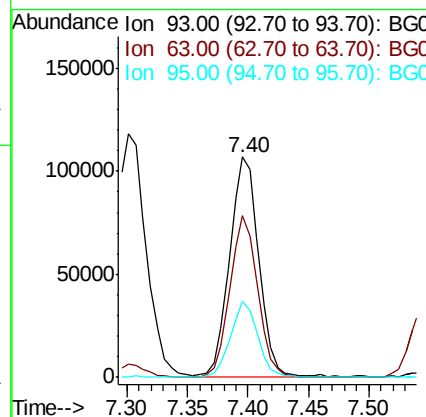
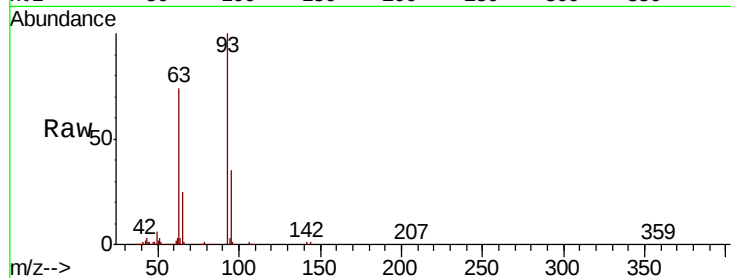
#11
bis(2-Chloroethyl)ether
Concen: 38.910 ng
RT: 7.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.8	91.8
95	34.6	13.8	53.8

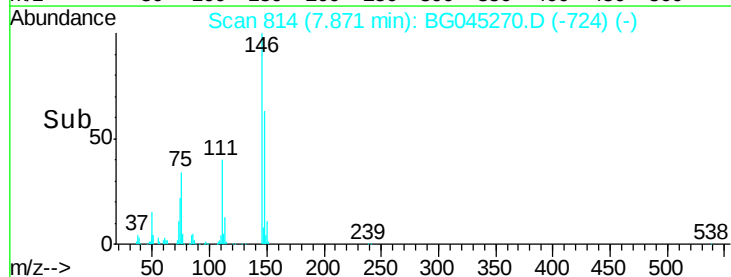
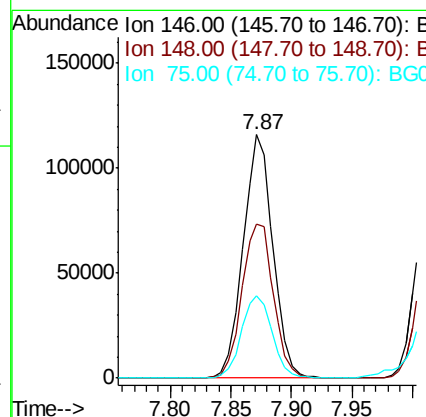
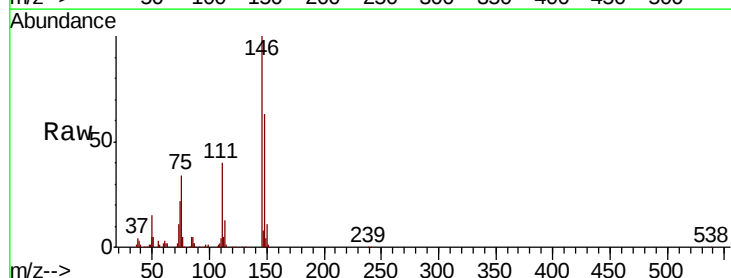
Manual Integrations
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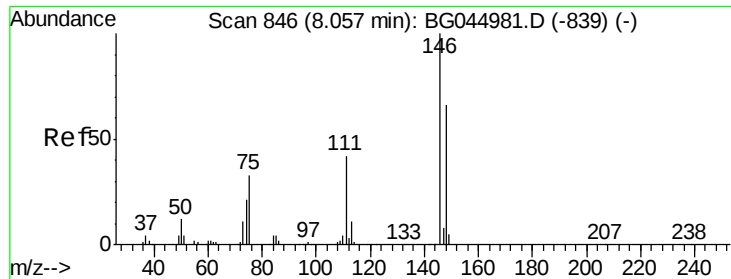
mohammad
5/8/2020 1:00:01 PM



#12
1,3-Dichlorobenzene
Concen: 40.547 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.6	81.8
75	34.0	26.0	39.0





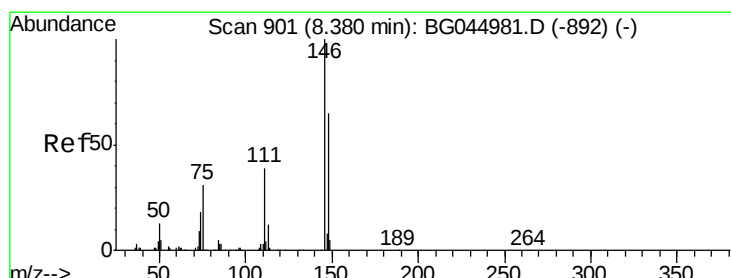
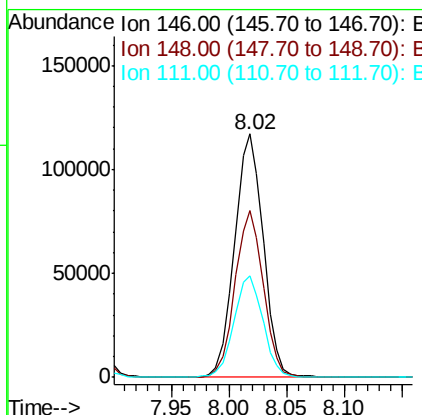
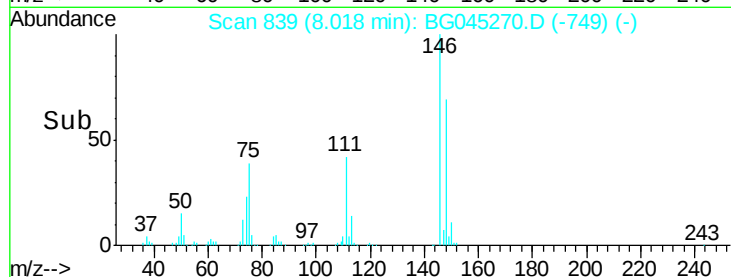
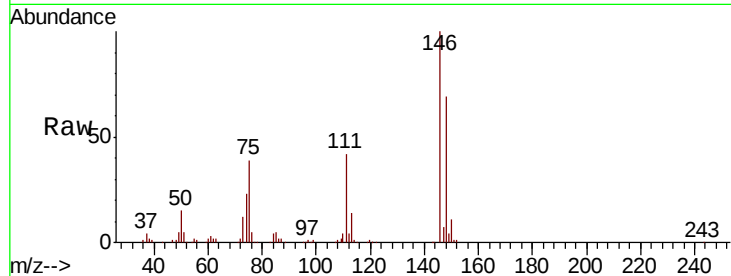
#13
1,4-Dichlorobenzene
Concen: 41.441 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.8	53.3	79.9
111	41.6	33.8	50.8

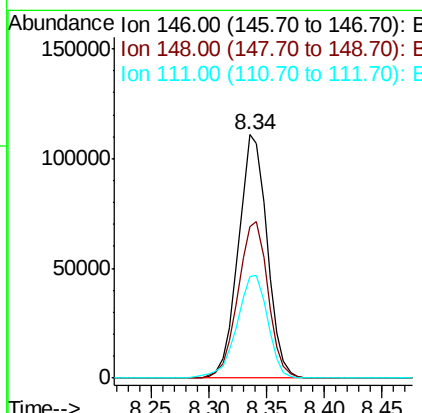
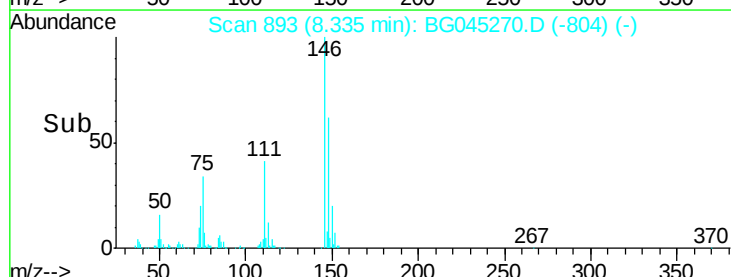
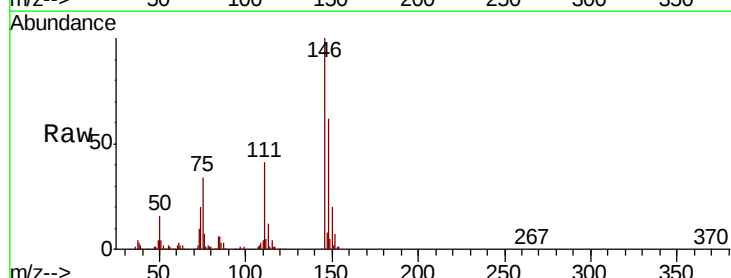
Manual Integrations
APPROVED

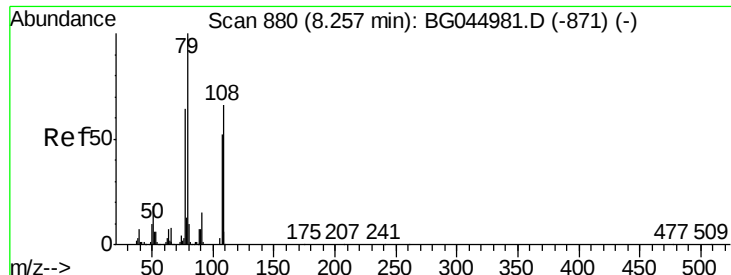
mohammad
5/8/2020 1:00:01 PM



#14
1,2-Dichlorobenzene
Concen: 41.080 ng
RT: 8.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.9	77.9
111	41.5	31.3	46.9





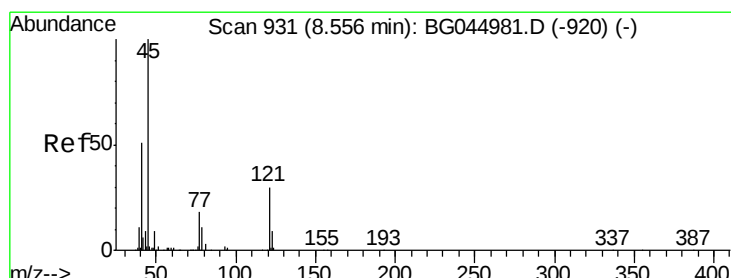
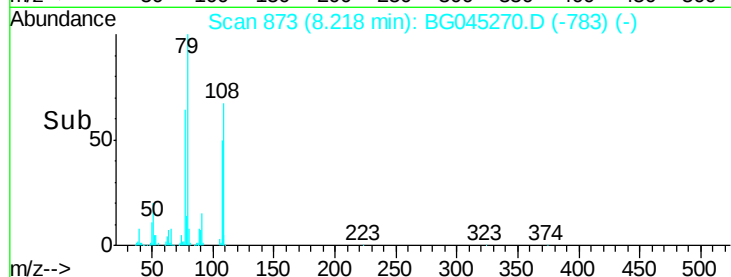
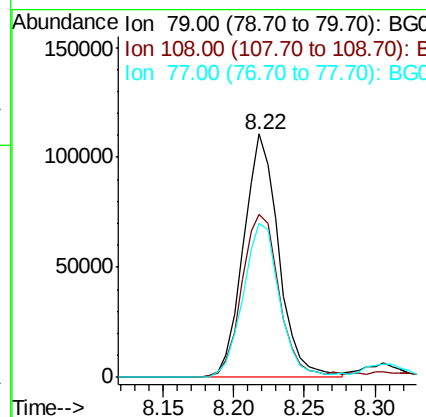
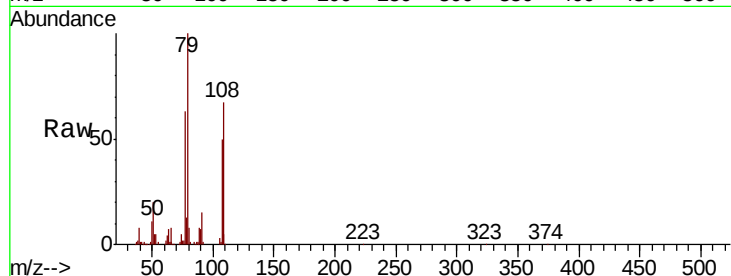
#15
Benzyl Alcohol
Concen: 40.177 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	52.7	79.1
77	63.5	51.3	76.9

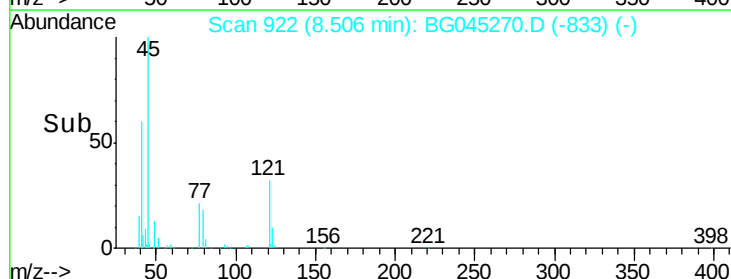
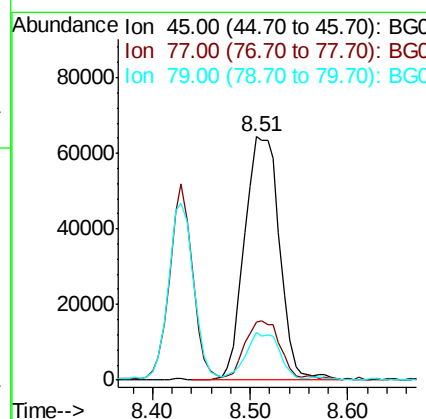
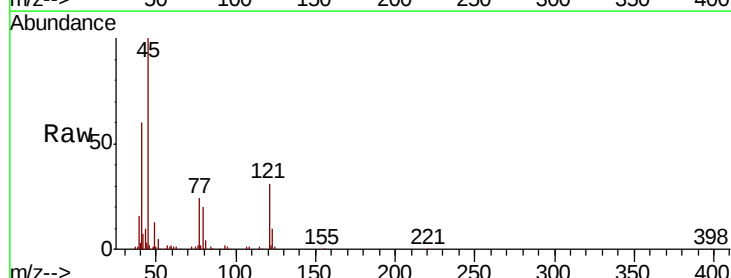
Manual Integrations
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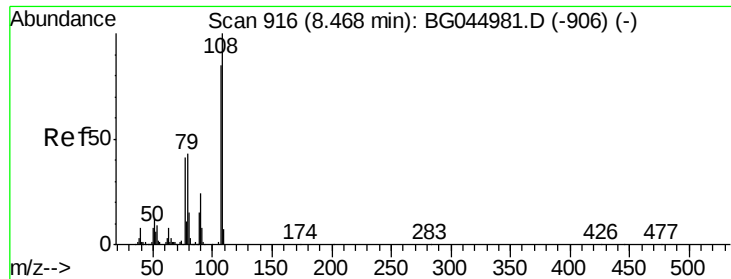
mohammad
5/8/2020 1:00:01 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.206 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.7	1.9	41.9
79	19.6	0.0	35.5





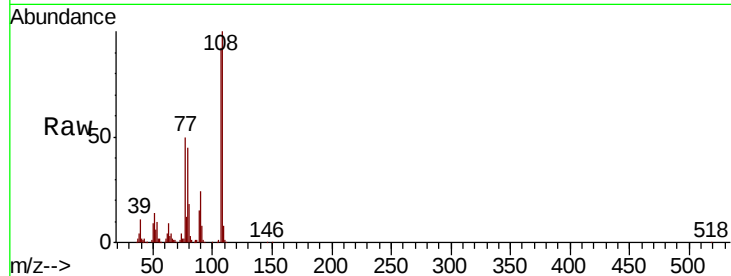
#17
2-Methylphenol
Concen: 35.952 ng
RT: 8.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	93.8	140.6	
77	54.4	38.5	57.7	
79	48.8	40.1	60.1	

Manual Integrations
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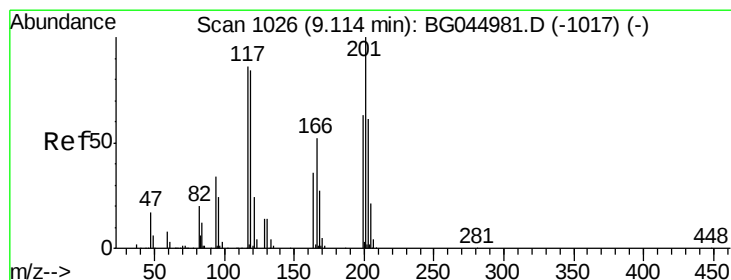
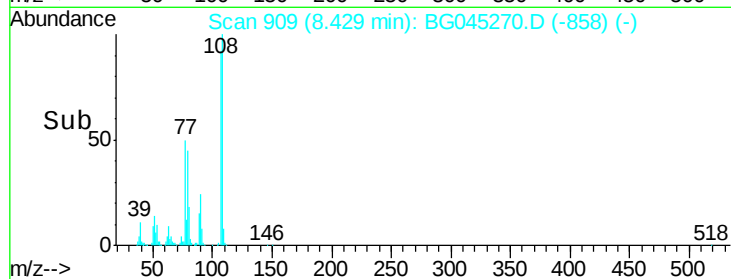
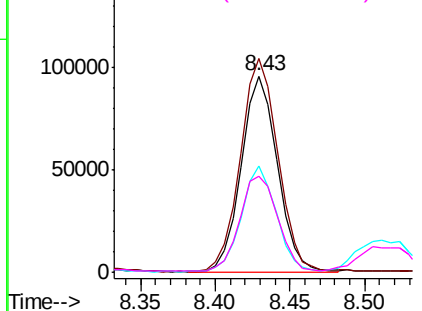
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

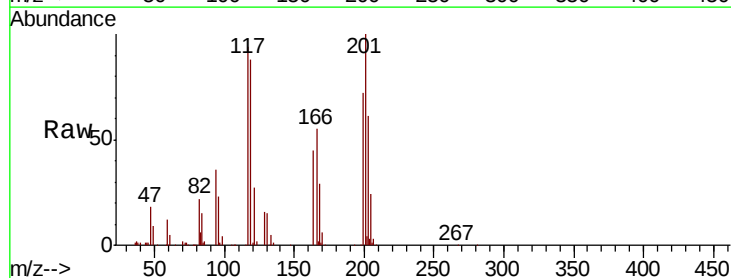
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.091 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	78.3	117.5	
201	106.0	92.9	139.3	

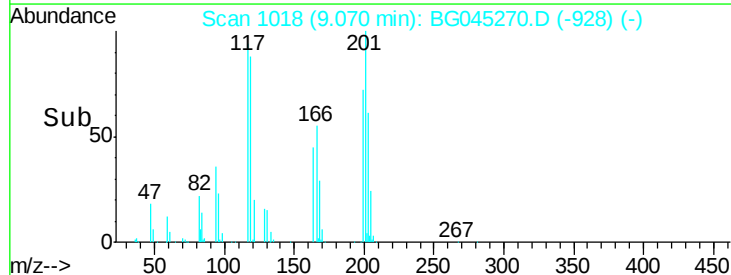
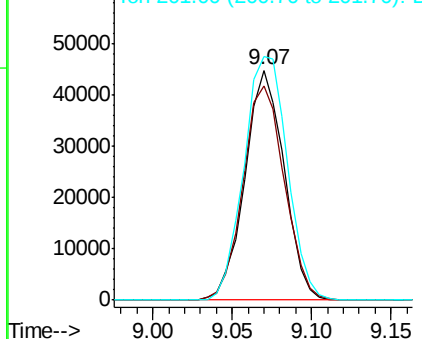


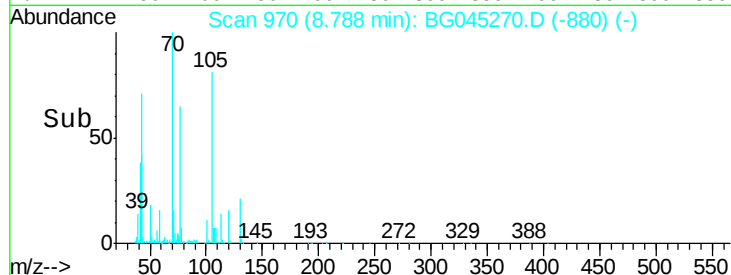
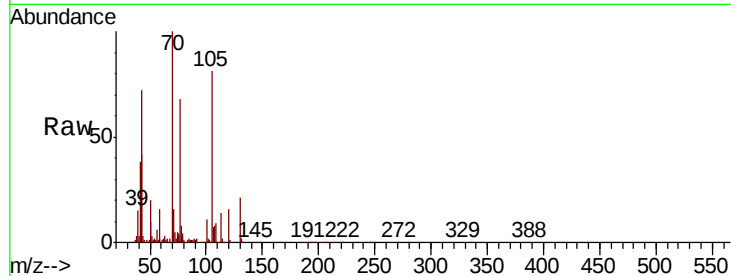
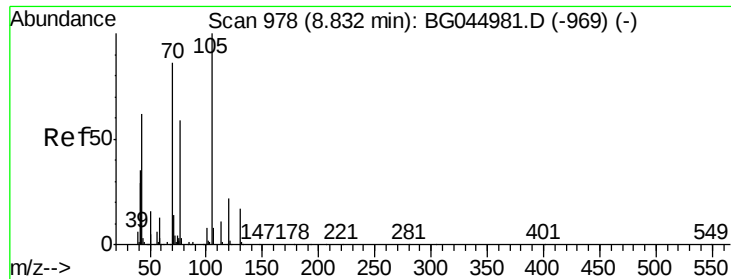
Abundance

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





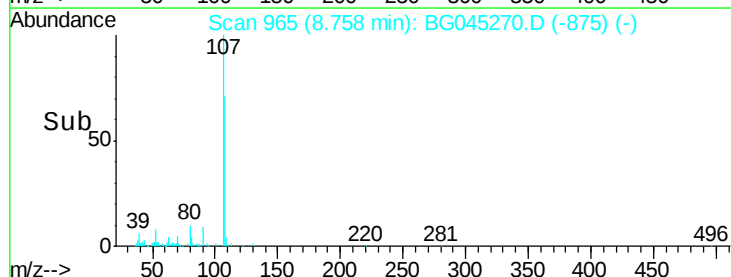
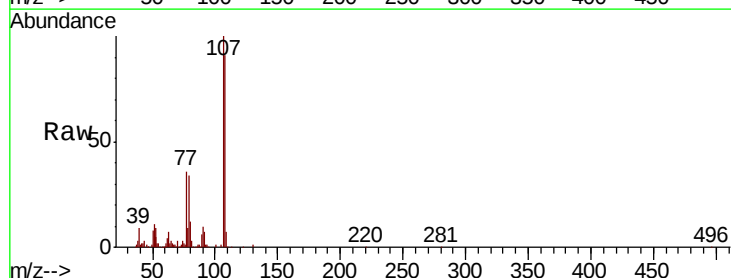
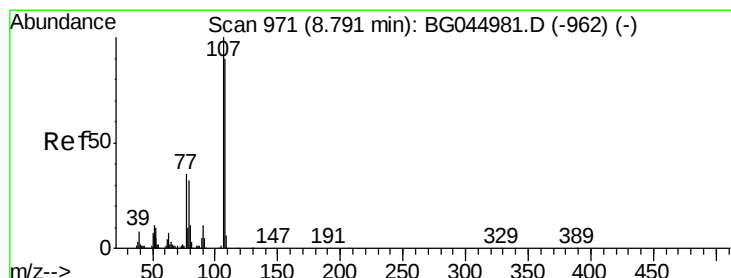
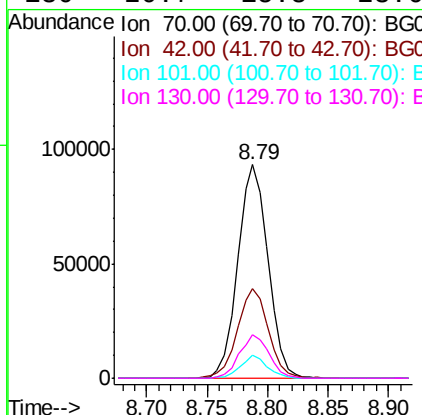
#19
n-Nitroso-di-n-propylamine
Concen: 40.023 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		162470		
42	42.1	33.3	49.9		
101	10.5	7.8	11.8		
130	20.7	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

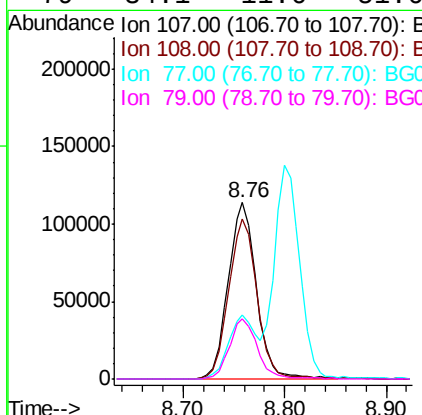
Manual Integrations
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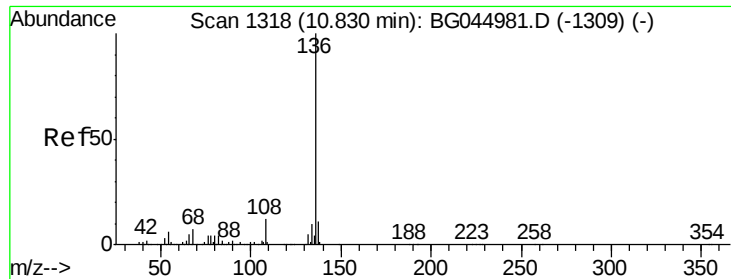
mohammad
5/8/2020 1:00:01 PM



#20
3+4-Methylphenols
Concen: 35.295 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		218945		
108	90.8	69.9	109.9		
77	36.2	15.2	55.2		
79	34.1	11.6	51.6		





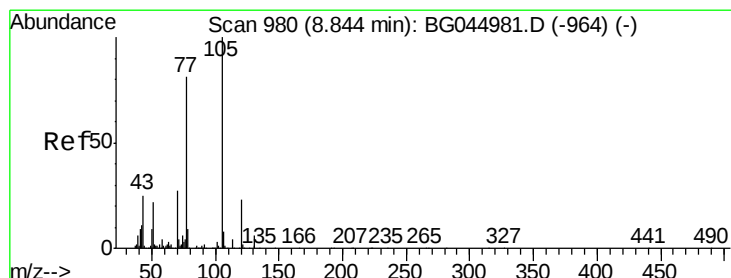
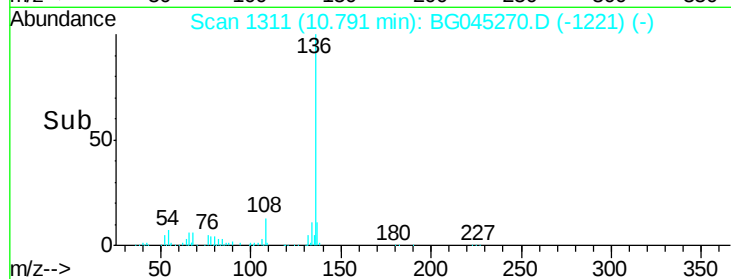
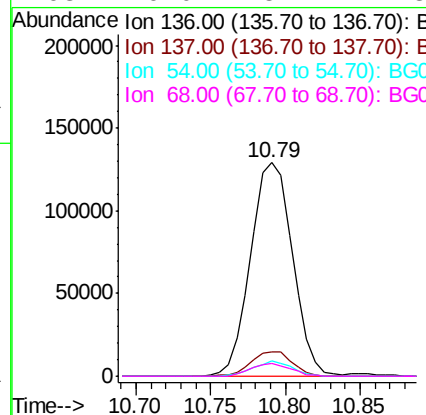
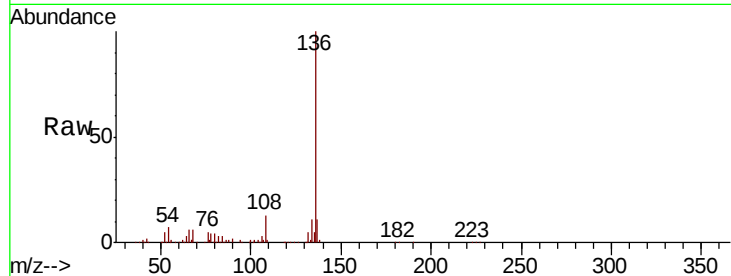
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		251620		
137	11.5		8.6	13.0	
54	7.0		4.8	7.2	
68	6.0		5.2	7.8	

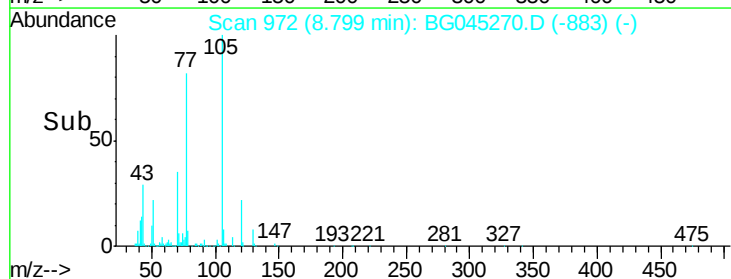
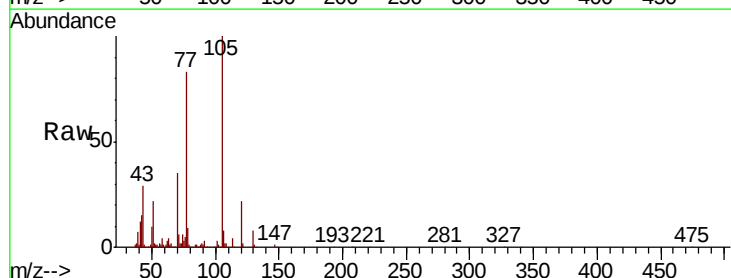
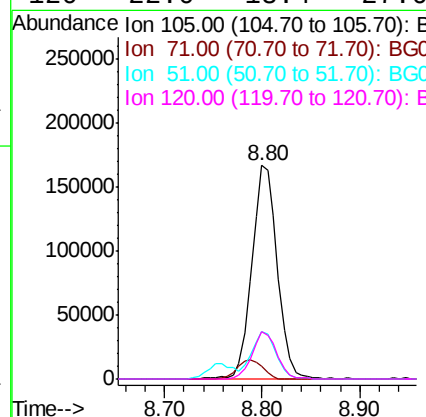
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mohammad
5/8/2020 1:00:01 PM



#22
Acetophenone
Concen: 44.645 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		303788		
71	6.3		3.3	4.9#	
51	22.4		17.3	25.9	
120	22.0		18.4	27.6	





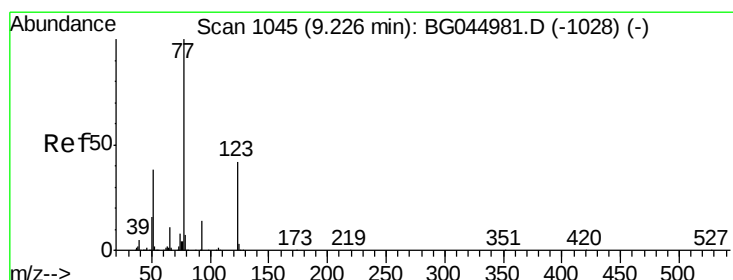
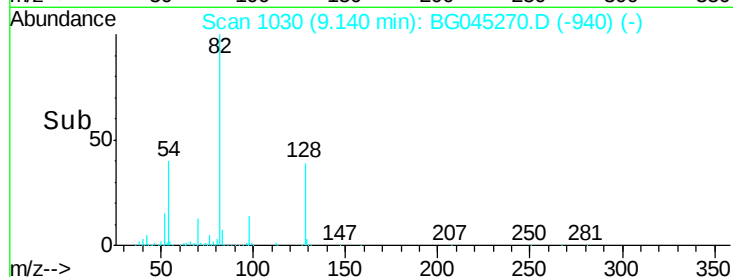
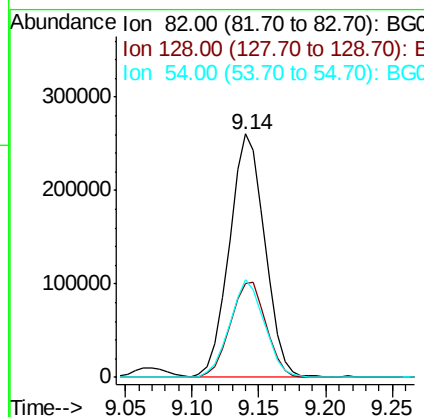
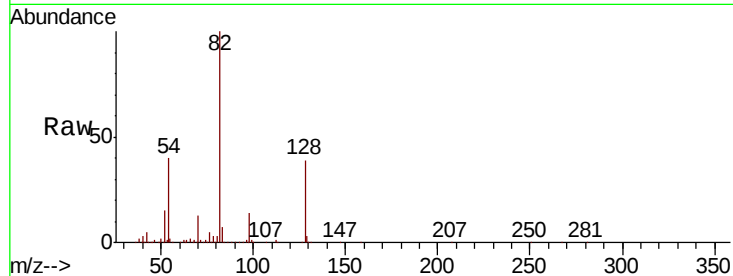
#23
 Nitrobenzene-d5
 Concen: 87.147 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.4
54	40.2	30.4	45.6

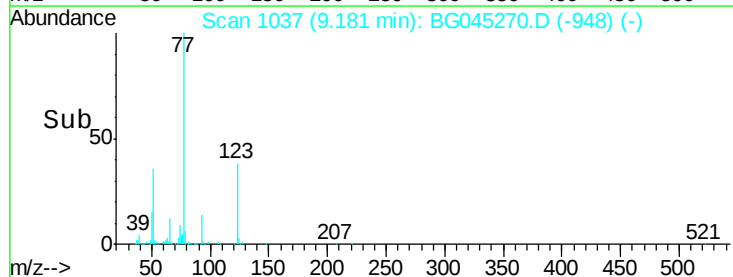
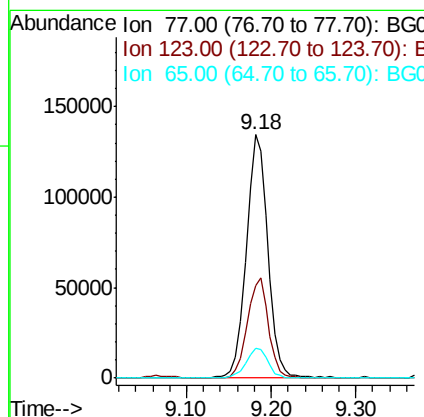
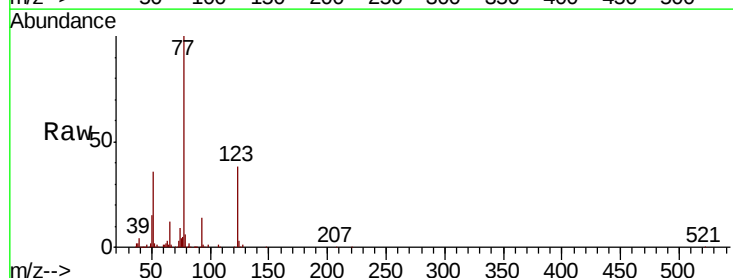
Manual Integrations
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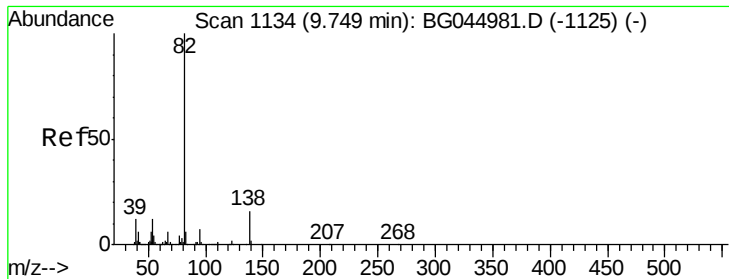
mohammad
 5/8/2020 1:00:01 PM



#24
 Nitrobenzene
 Concen: 42.139 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	34.3	51.5
65	12.5	8.9	13.3





#25

Isophorone

Concen: 40.517 ng

RT: 9.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

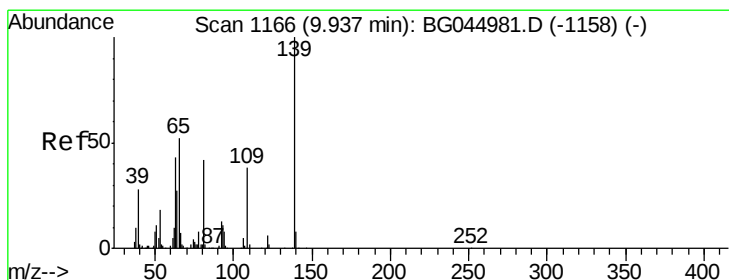
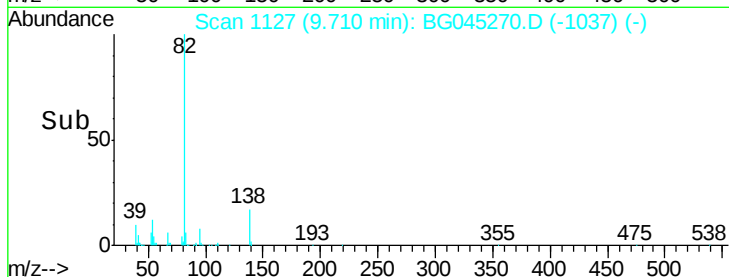
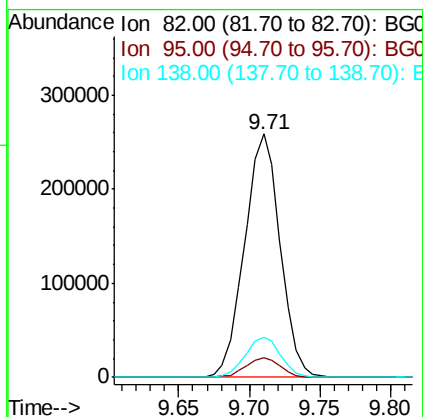
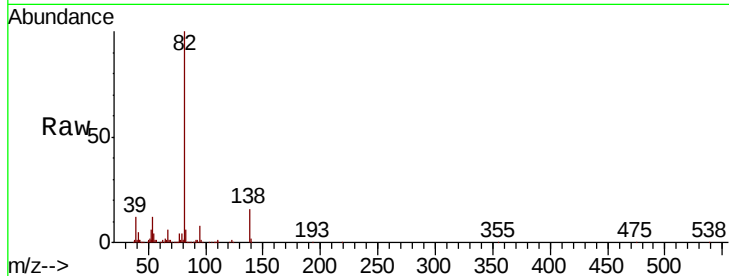
ClientSampleId :

TP-18AMS

Tot Ion:	82	Resp:	457554
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.0	9.0
138	16.4	12.7	19.1

Manual Integrations
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mohammad
5/8/2020 1:00:01 PM



#26

2-Nitrophenol

Concen: 45.020 ng

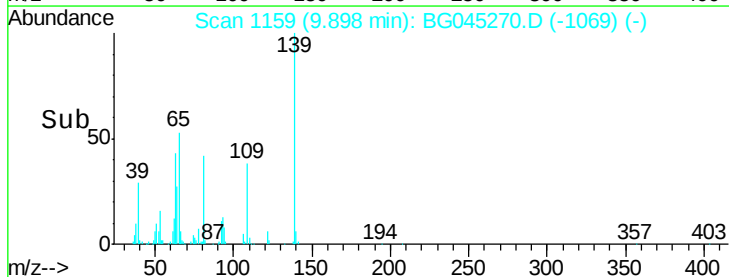
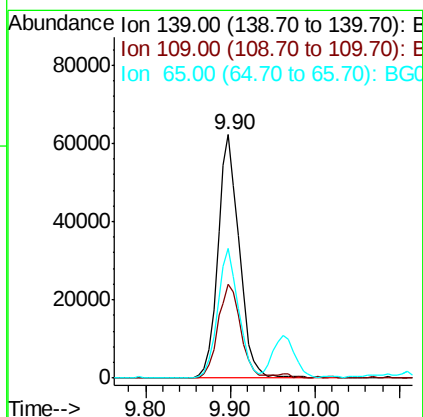
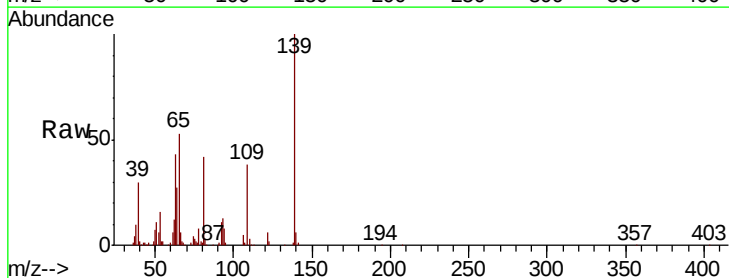
RT: 9.90 min Scan# 1159

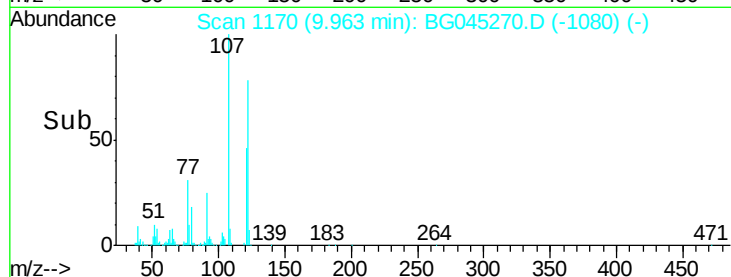
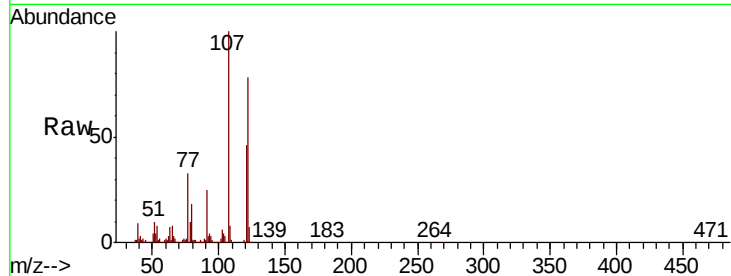
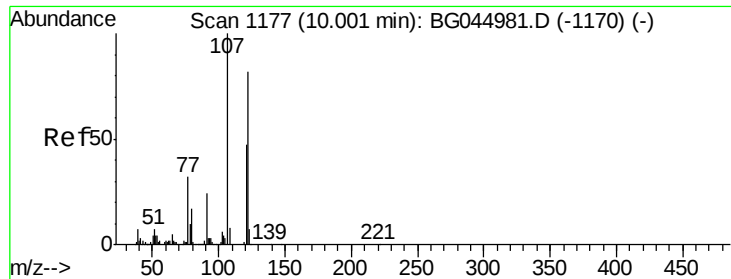
Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	139	Resp:	109617
Ion Ratio	Lower	Upper	
139	100		
109	38.3	30.6	45.8
65	53.2	41.8	62.6





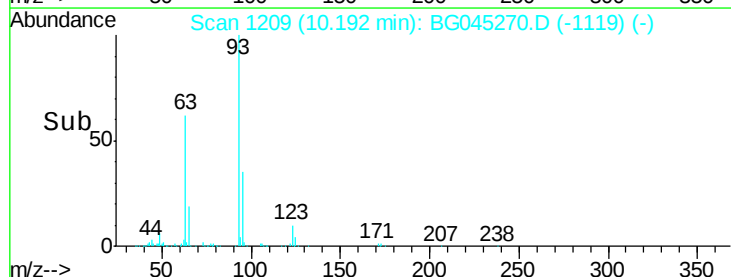
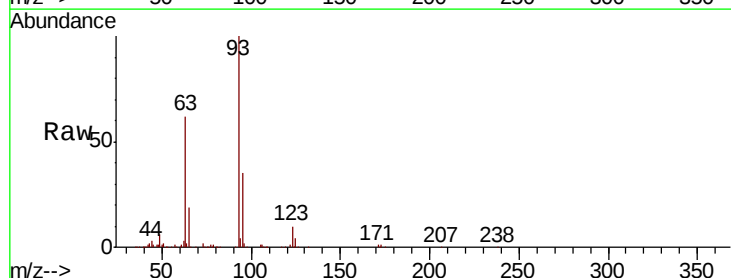
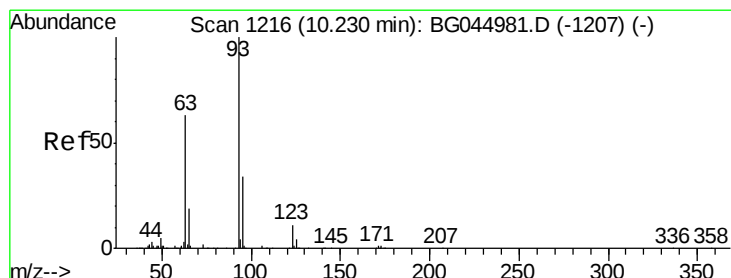
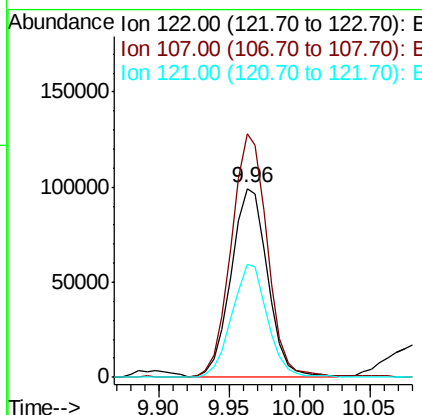
#27
2,4-Dimethylphenol
Concen: 45.918 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tot Ion	Ratio	Resp	Lower	Upper
122	100	177400		
107	128.7	96.8	145.2	
121	59.6	45.6	68.4	

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

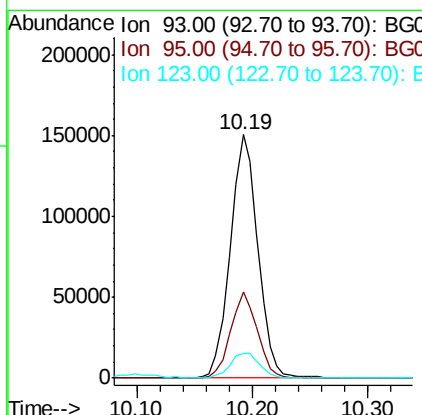
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#28
bis(2-Chloroethoxy)methane
Concen: 41.976 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249061		
95	35.5	27.0	40.4	
123	10.3	8.7	13.1	





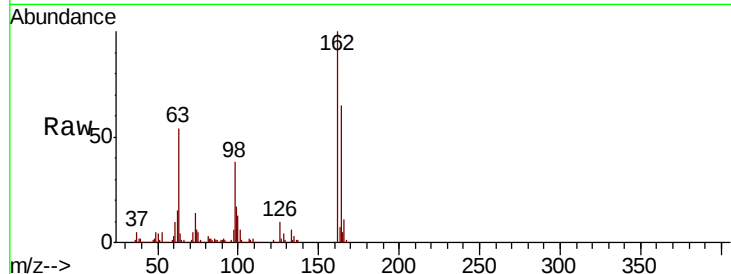
#29
2,4-Dichlorophenol
Concen: 43.419 ng
RT: 10.44 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	193690		
164	64.9	45.0	85.0	
98	38.1	15.2	55.2	

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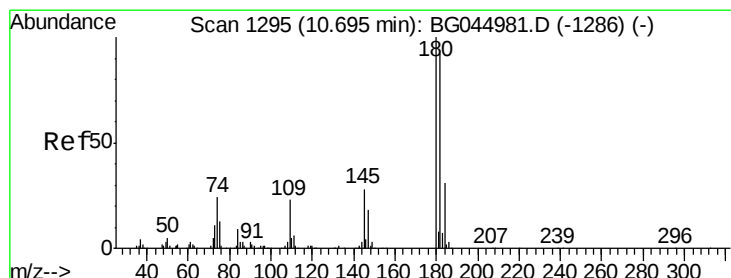
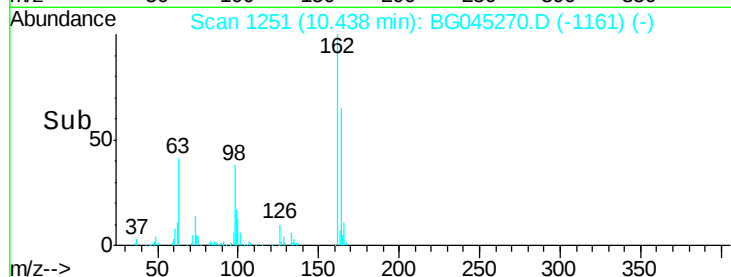
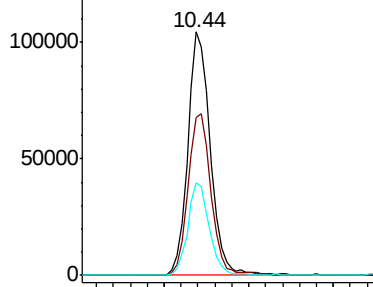


Abundance

Ion 162.00 (161.70 to 162.70): E

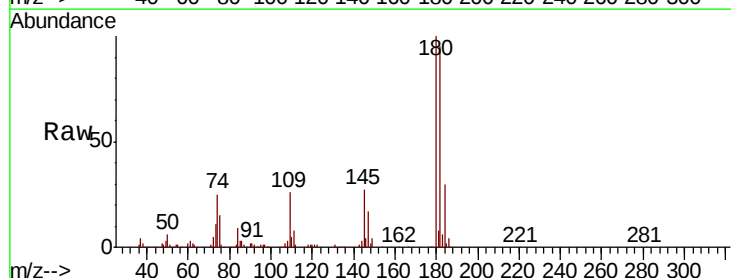
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.474 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214526		
182	94.7	73.3	109.9	
145	27.3	22.6	33.8	

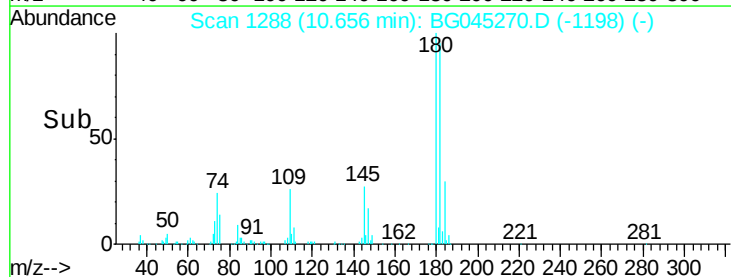
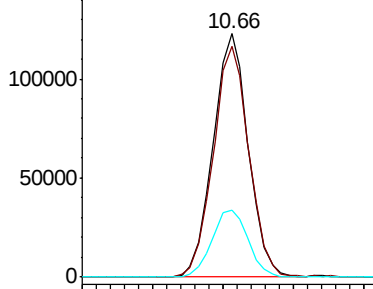


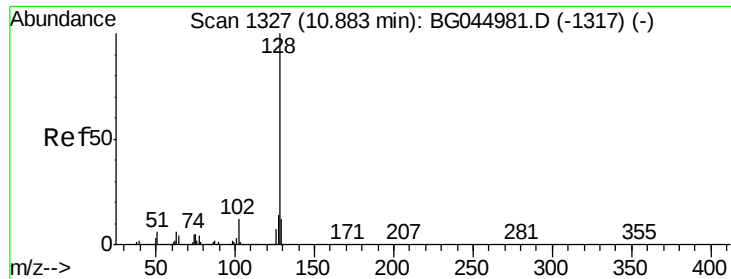
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





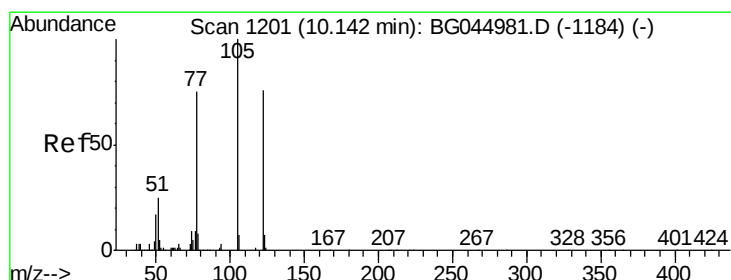
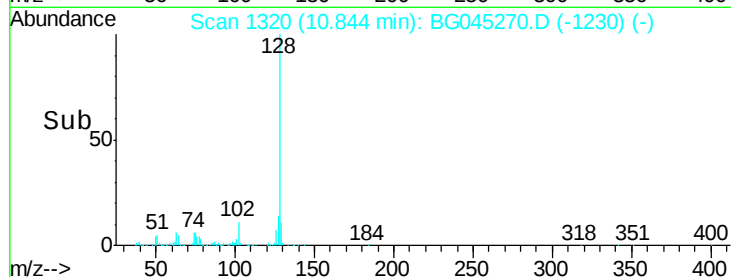
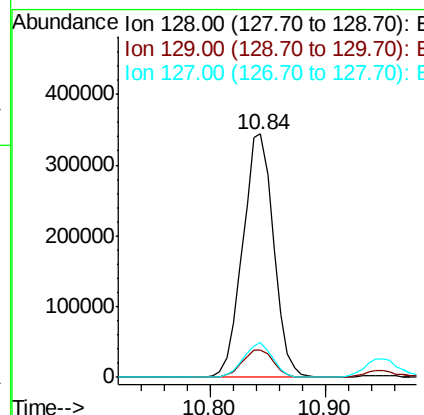
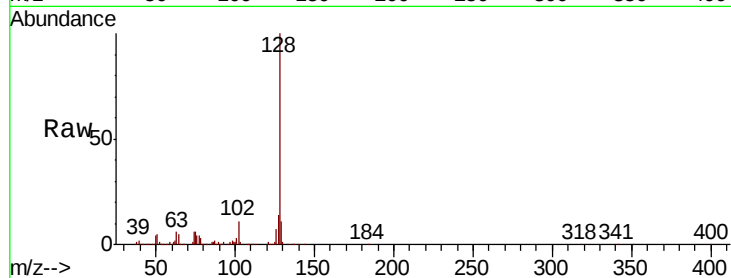
#31
Naphthalene
Concen: 46.373 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.3	10.8	16.2

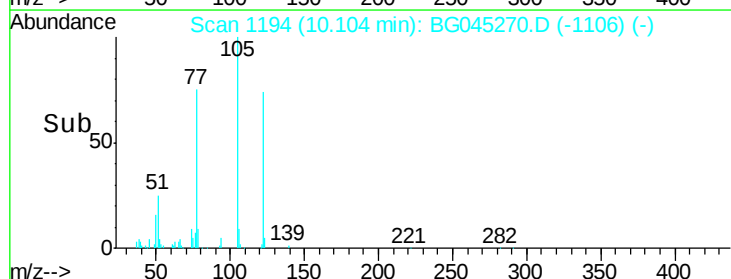
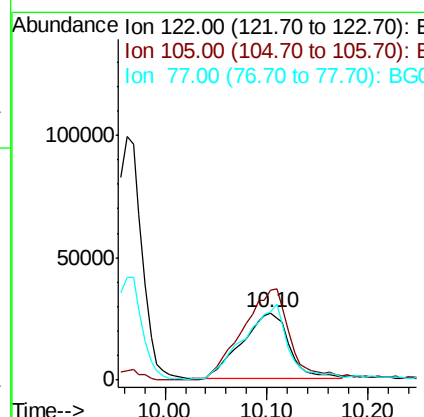
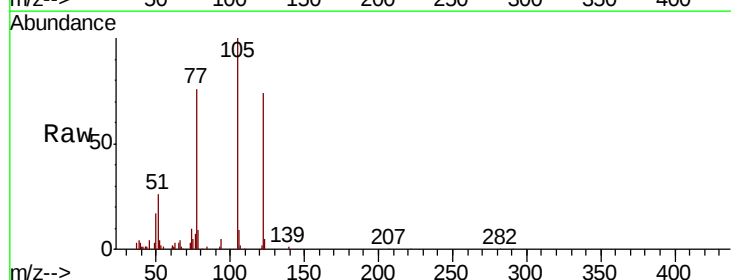
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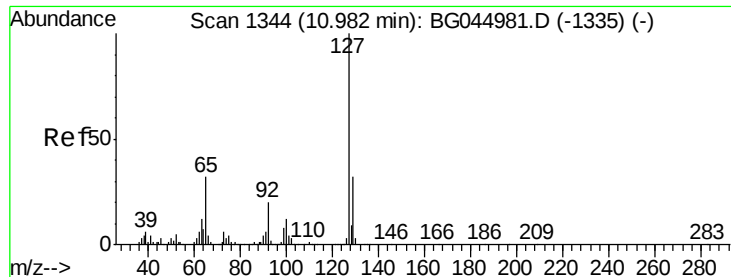
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#32
Benzoic acid
Concen: 30.327 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.1	108.4	148.4
77	102.4	78.8	118.8





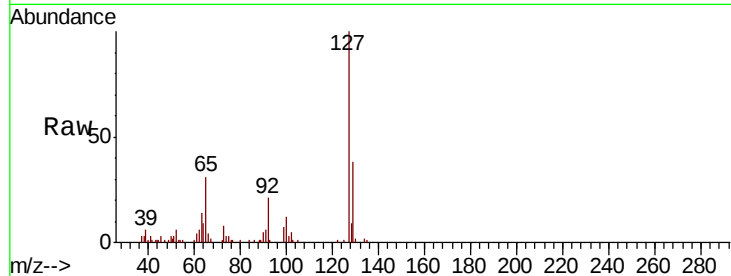
#33
4-Chloroaniline
Concen: 8.901 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

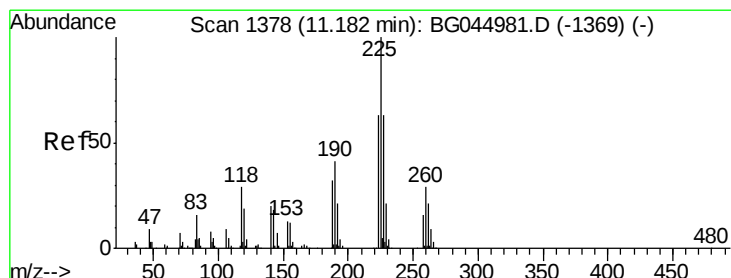
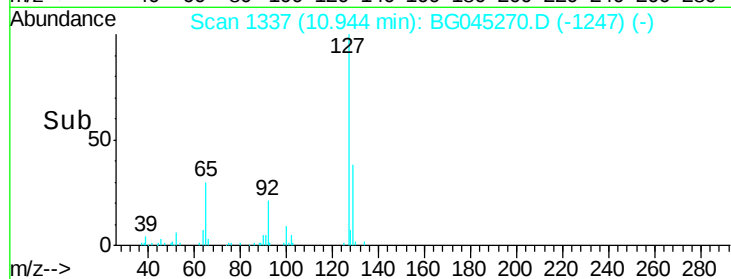
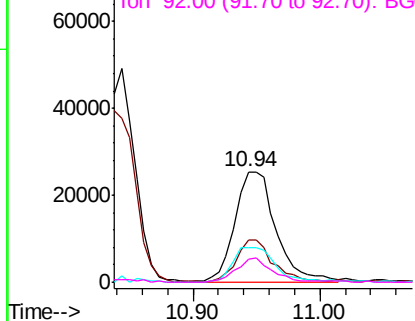
Tot Ion:	127	Resp:	57137
Ion Ratio	Lower	Upper	
127	100		
129	38.1	25.7	38.5
65	31.3	25.4	38.2
92	21.2	16.1	24.1

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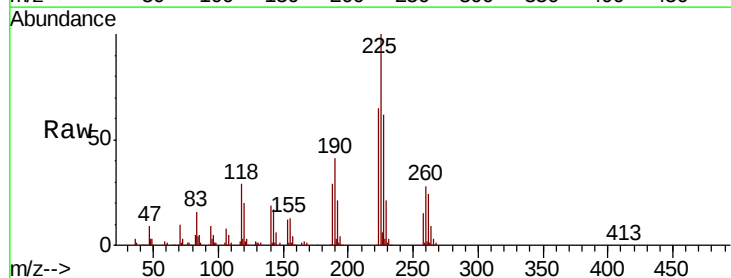


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

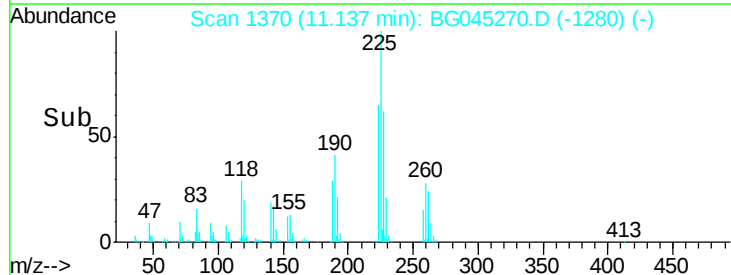
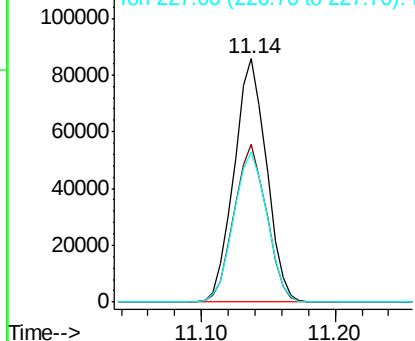


#34
Hexachlorobutadiene
Concen: 41.687 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion:	225	Resp:	144358
Ion Ratio	Lower	Upper	
225	100		
223	64.9	50.7	76.1
227	61.8	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: 30.796 ng/mL

RT: 11.71 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

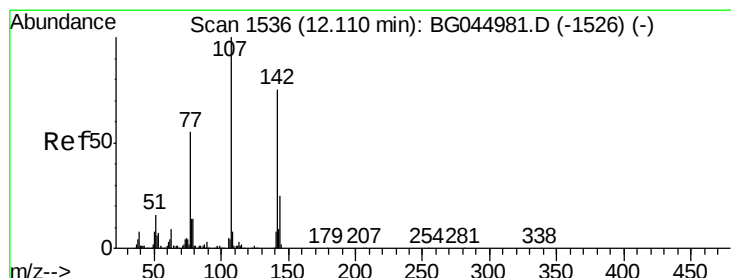
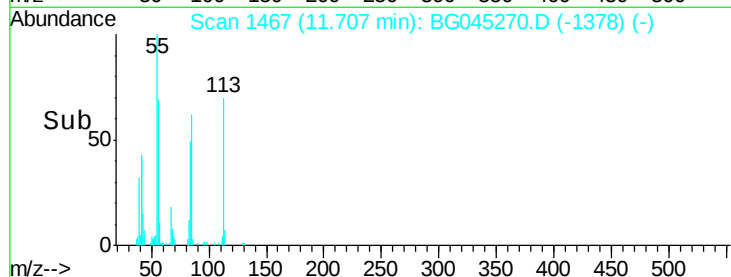
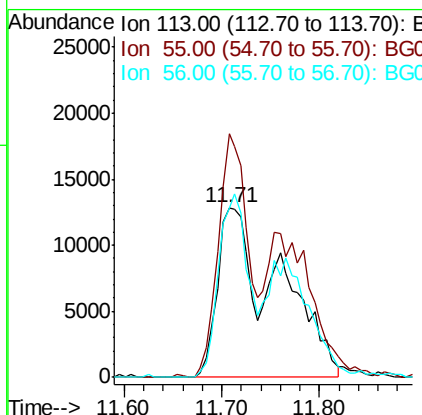
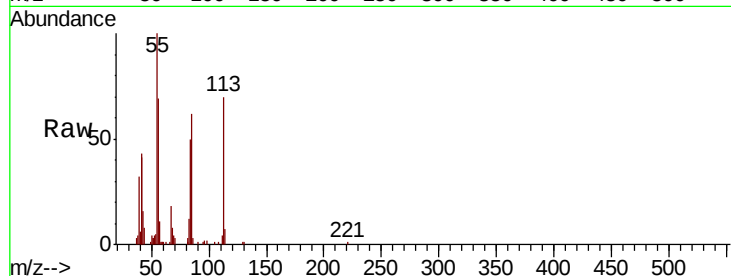
ClientSampleID :

TP-18AMS

Tot Ion:	113	Resp:	54677
Ion	Ratio	Lower	Upper
113	100		
55	143.4	118.8	158.8
56	99.6	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 42.973 ng/mL

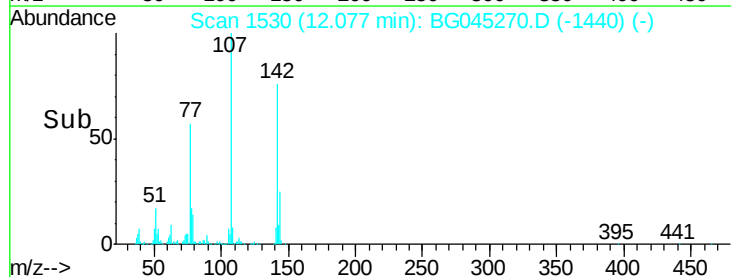
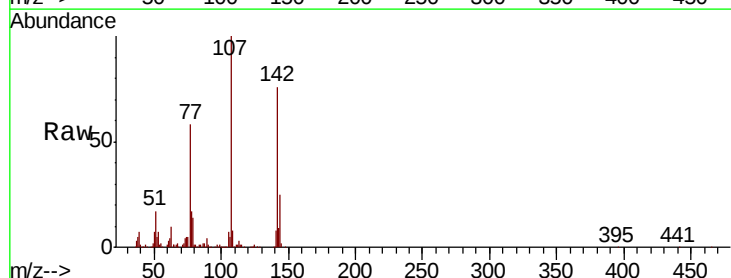
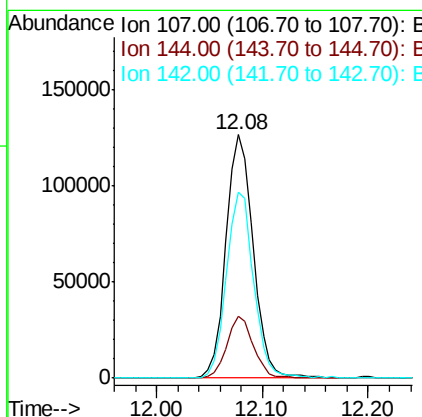
RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	107	Resp:	225202
Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.8	29.6
142	76.3	59.7	89.5





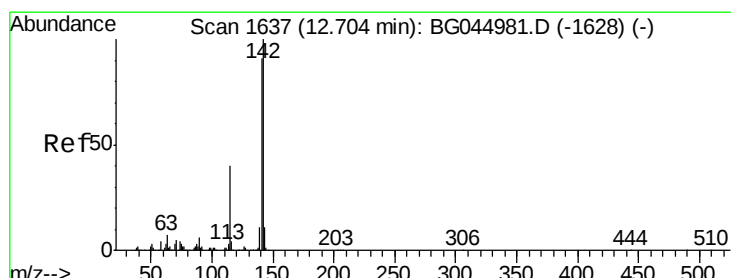
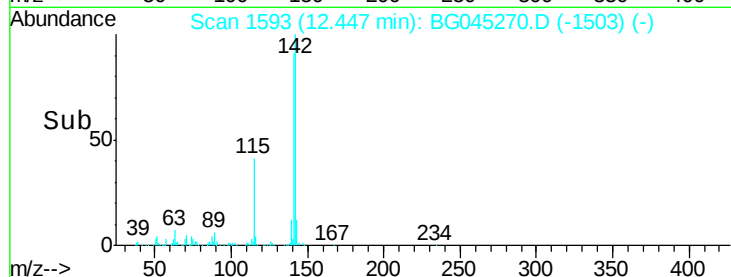
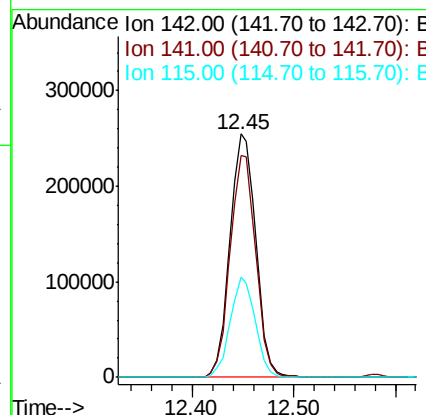
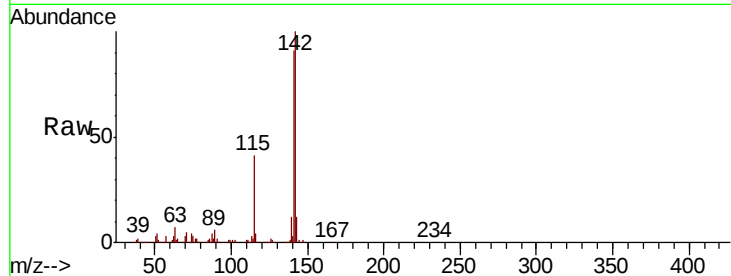
#37
2-Methylnaphthalene
Concen: 42.152 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	41.2	29.8	44.6

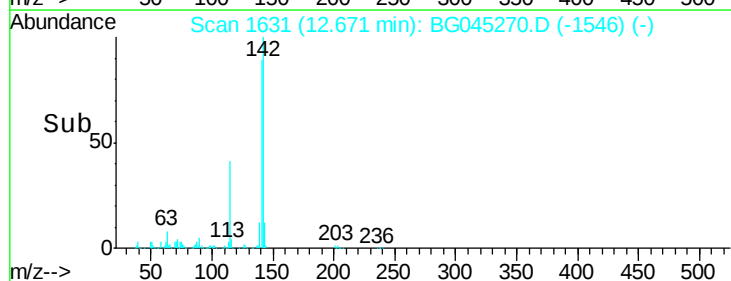
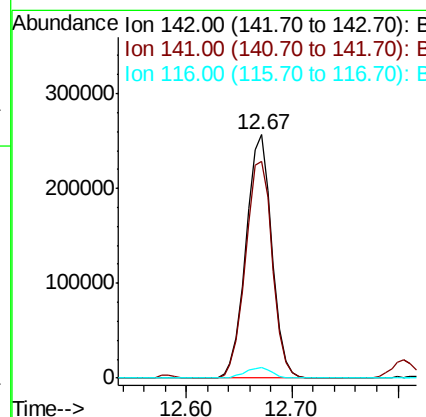
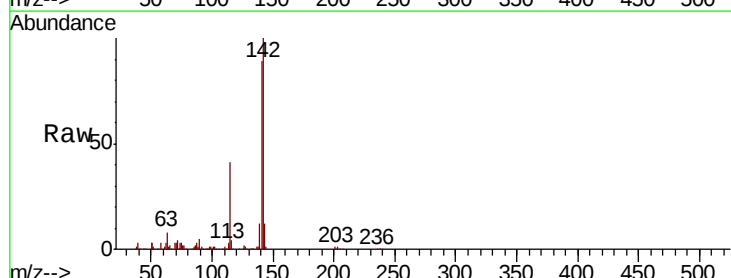
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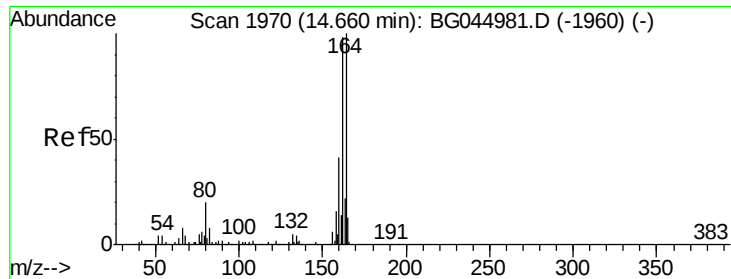
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#38
1-Methylnaphthalene
Concen: 43.208 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.7	109.1
116	4.5	3.1	4.7





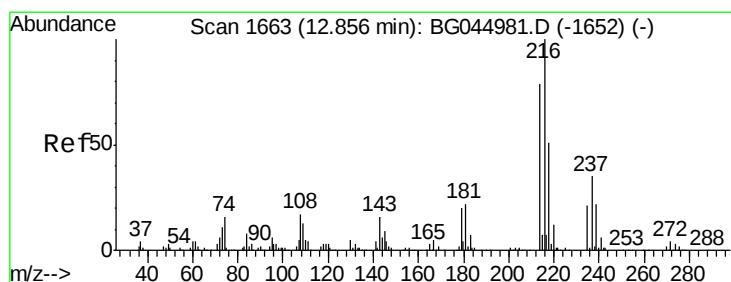
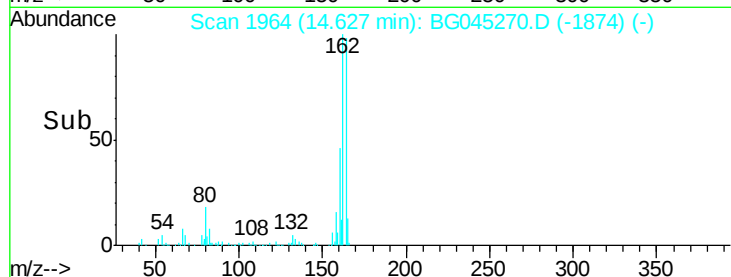
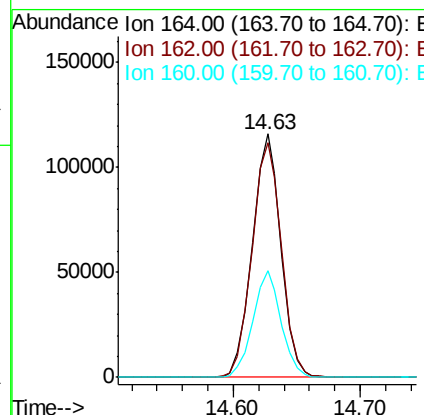
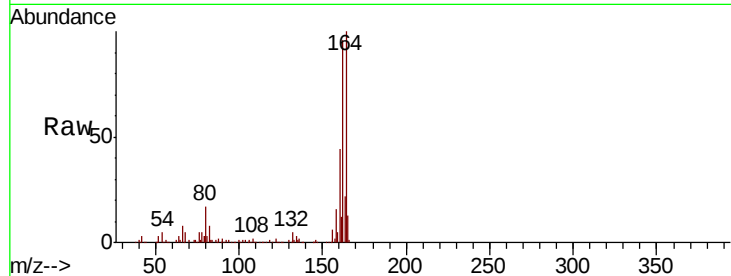
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	96.4	78.7	118.1		
160	43.9	32.8	49.2		

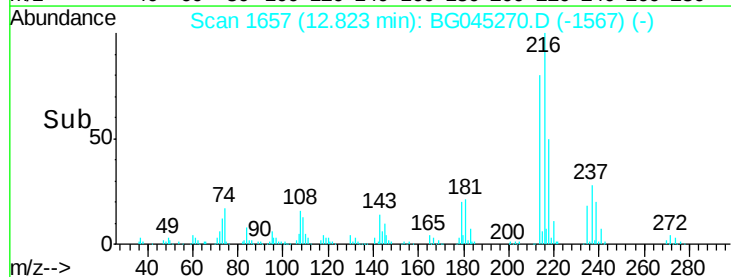
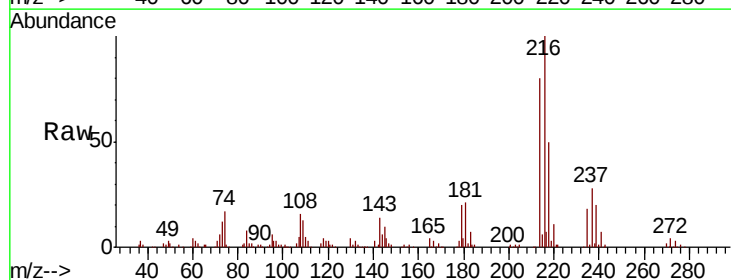
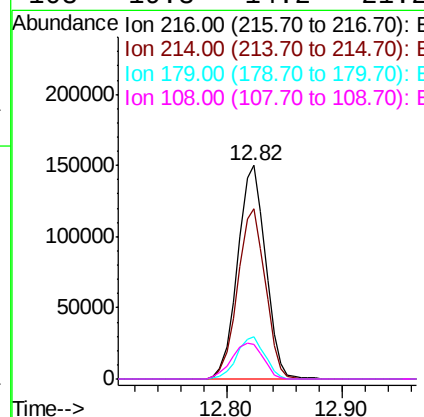
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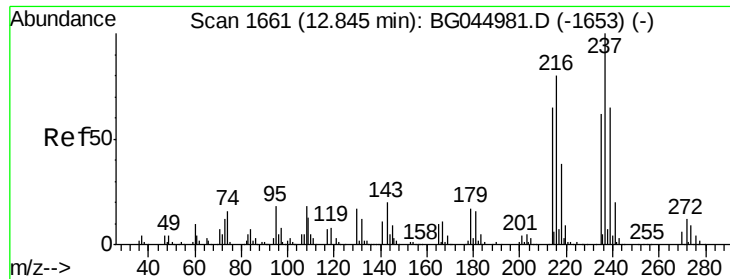
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.873 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.0	63.0	94.6		
179	19.9	15.8	23.8		
108	19.3	14.2	21.2		





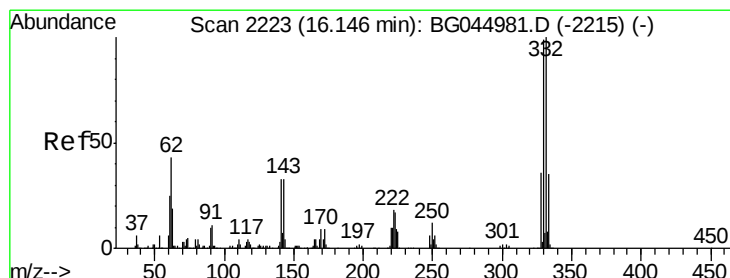
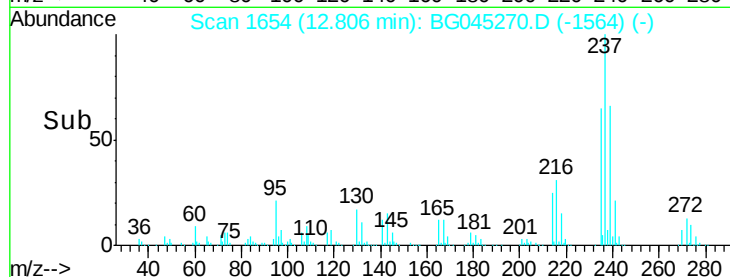
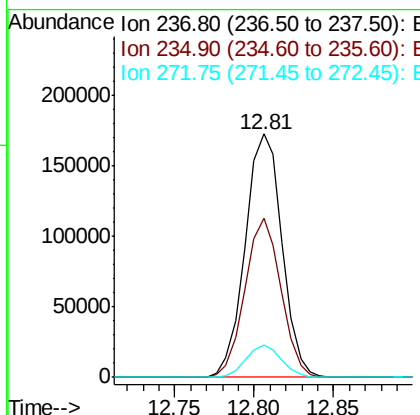
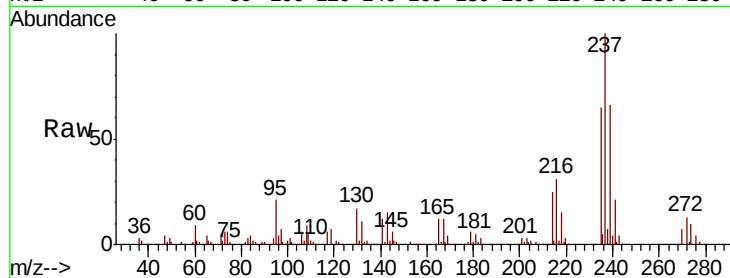
#41
Hexachlorocyclopentadiene
Concen: 76.127 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.4	41.6	81.6
272	13.3	0.0	32.1

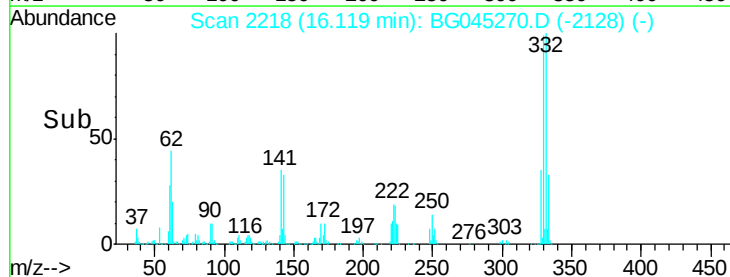
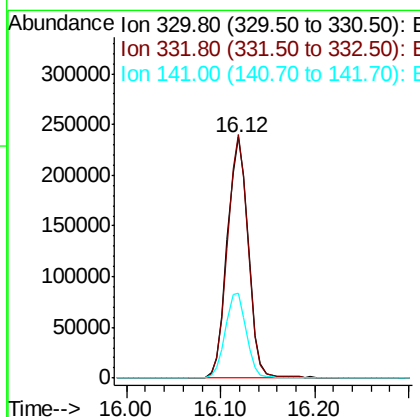
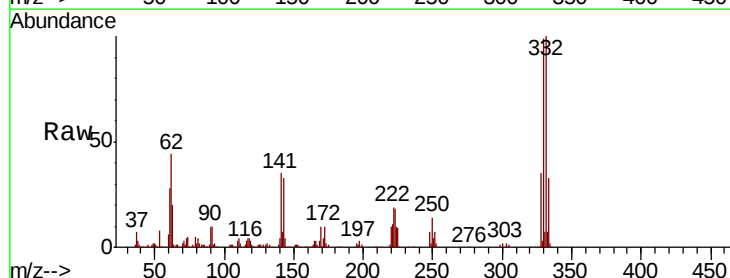
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 131.998 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.9	79.1	118.7
141	35.3	27.1	40.7





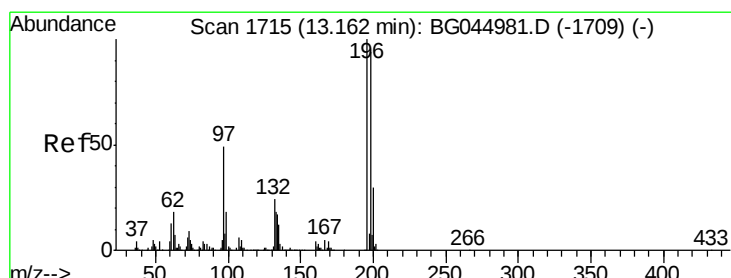
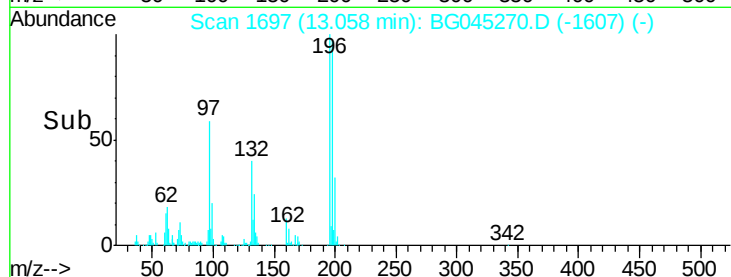
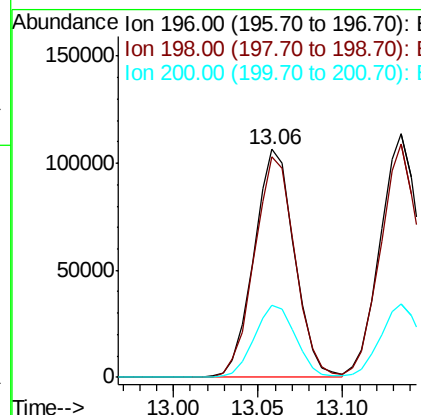
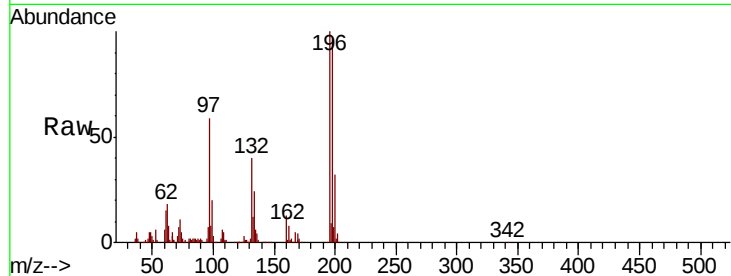
#43
2,4,6-Trichlorophenol
Concen: 42.804 ng
RT: 13.06 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176827		
198	97.0	72.5	108.7	
200	31.7	24.5	36.7	

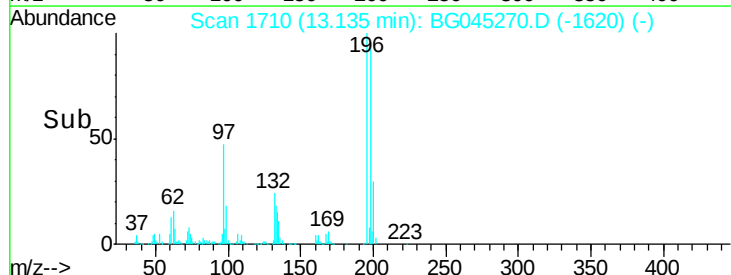
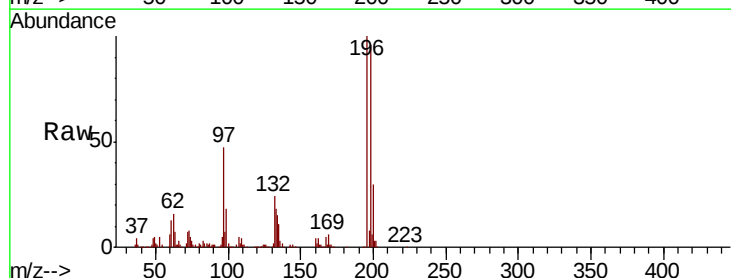
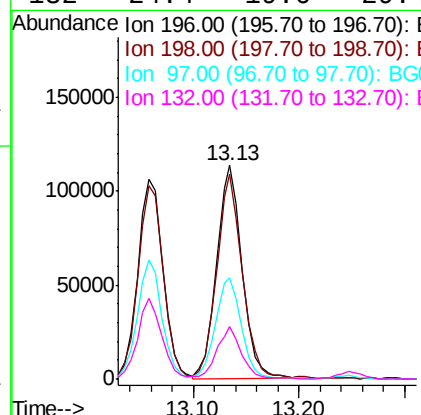
Manual Integrations
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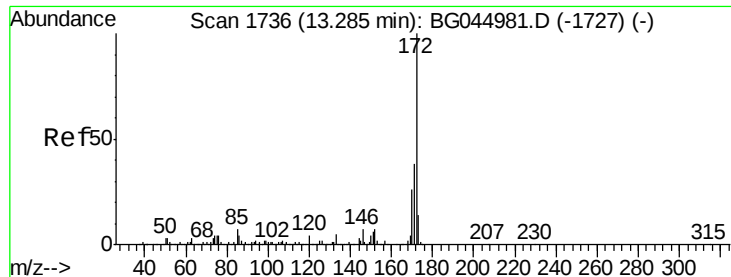
mohammad
5/8/2020 1:00:01 PM



#44
2,4,5-Trichlorophenol
Concen: 40.851 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192095		
198	95.9	75.7	113.5	
97	47.4	39.6	59.4	
132	24.4	19.6	29.4	





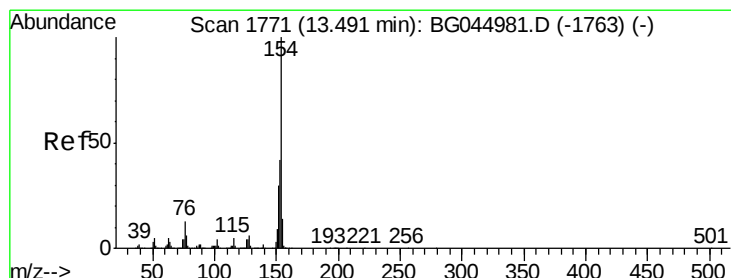
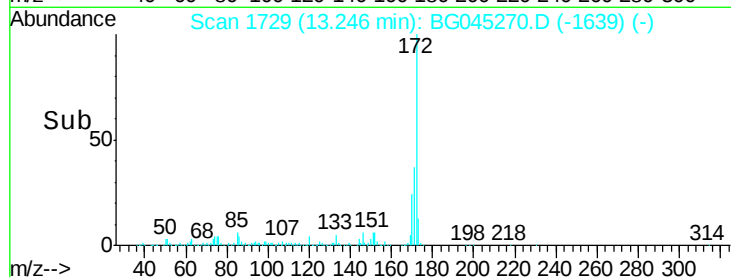
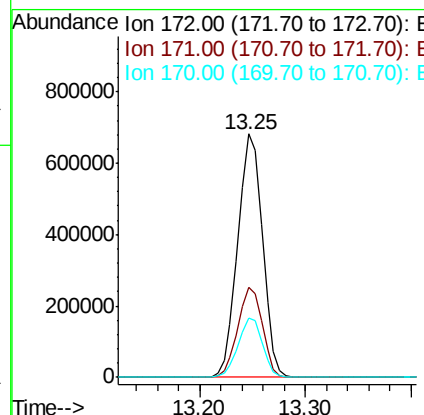
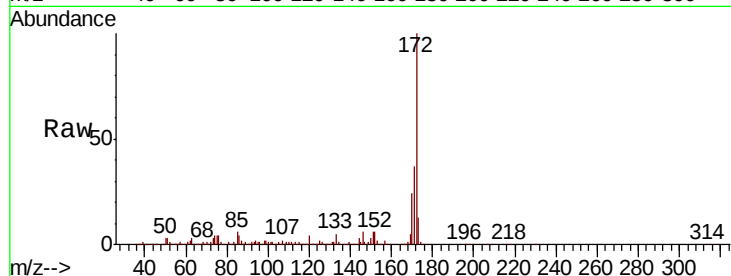
#45
2-Fluorobiphenyl
Concen: 88.826 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	24.1	20.5	30.7

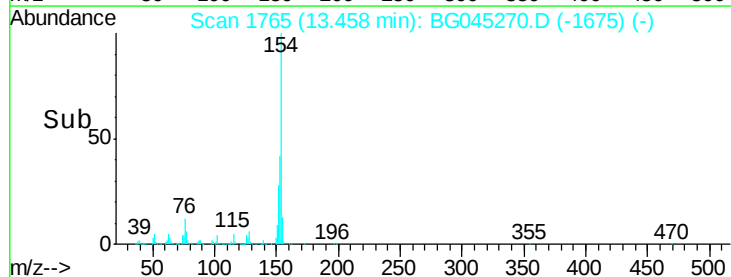
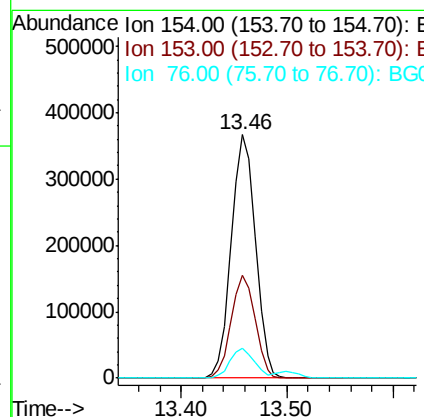
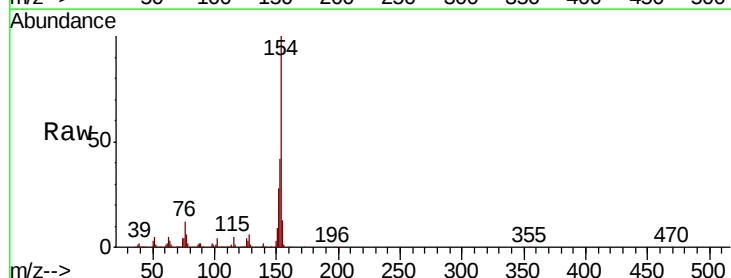
Manual Integrations
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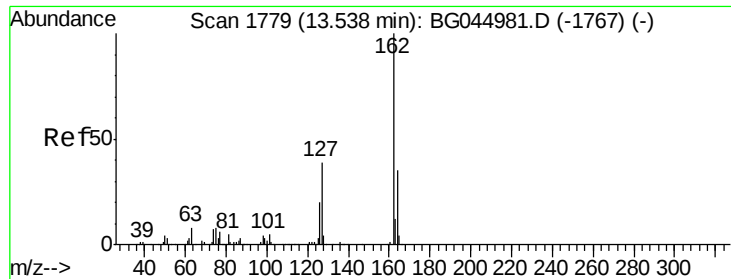
mohammad
5/8/2020 1:00:01 PM



#46
1,1'-Biphenyl
Concen: 42.034 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.9	61.9
76	12.2	0.0	33.1





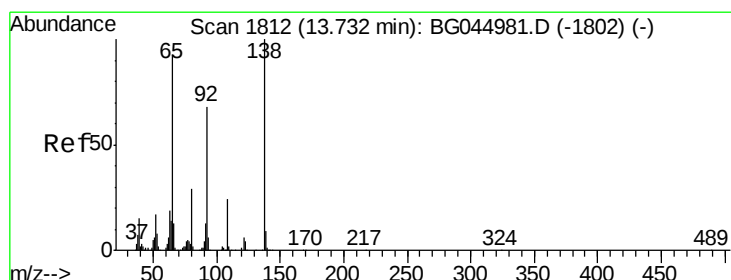
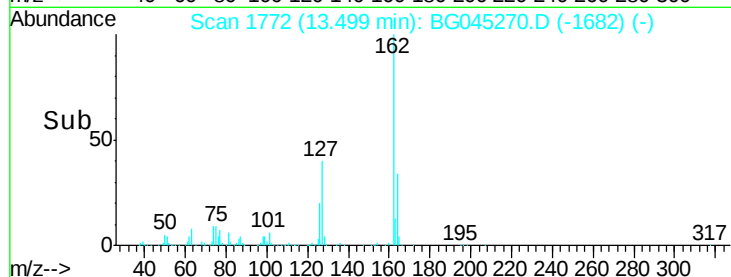
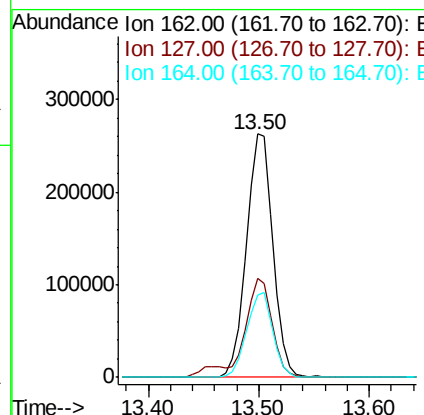
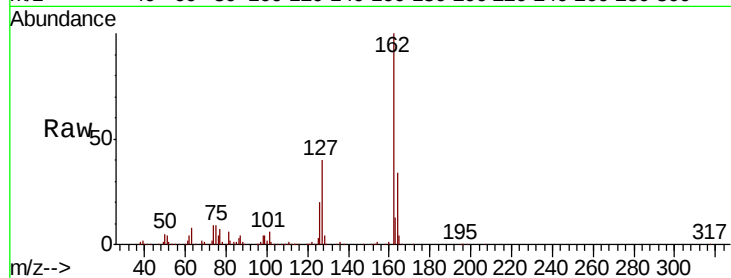
#47
 2-Chloronaphthalene
 Concen: 41.938 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	34.0	27.8	41.8

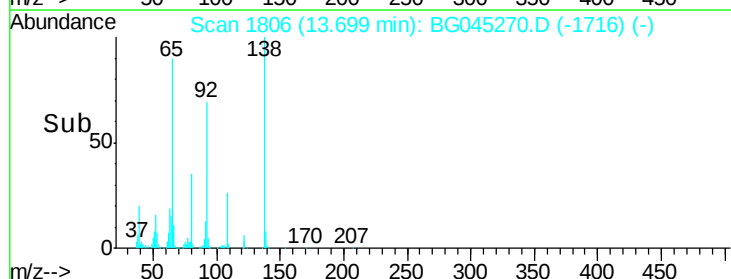
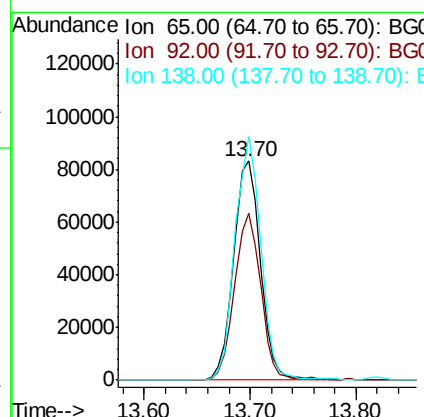
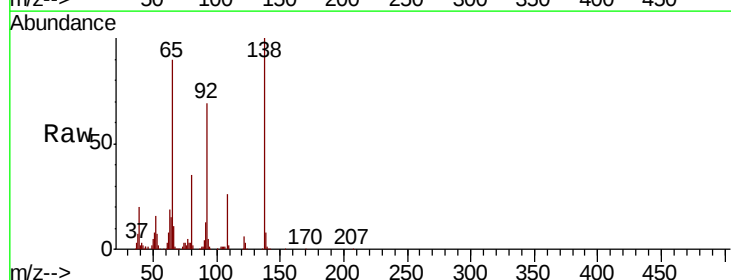
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#48
 2-Nitroaniline
 Concen: 42.220 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	58.3	87.5
138	111.1	85.6	128.4





#49

Acenaphthylene

Concen: 43.237 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

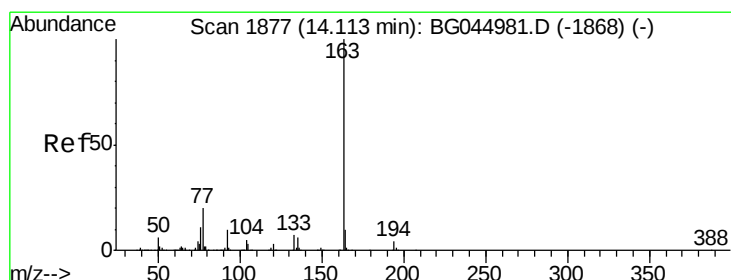
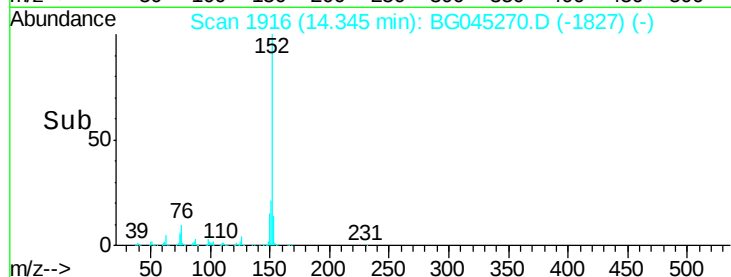
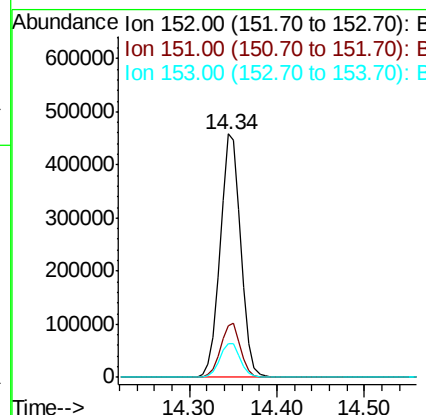
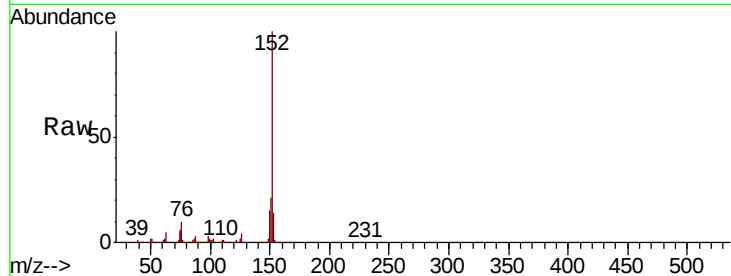
ClientSampleId :

TP-18AMS

Tot Ion:	152	Resp:	743582
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.2	25.8
153	13.7	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.938 ng

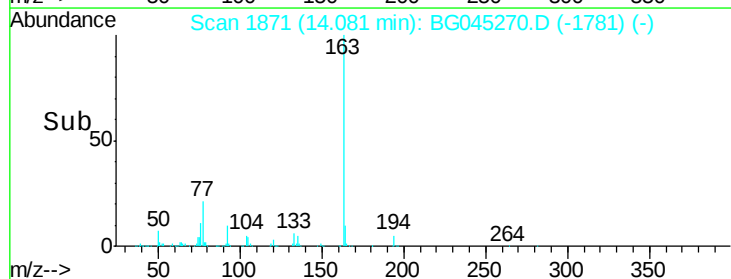
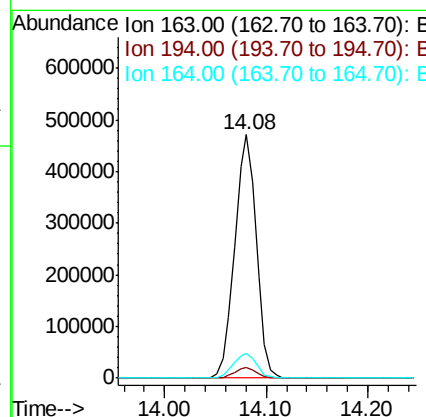
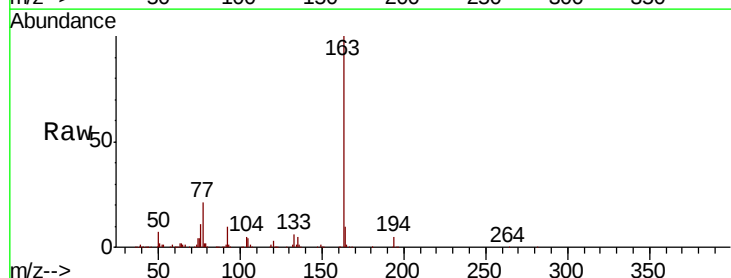
RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	163	Resp:	694817
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.4	8.2	12.4





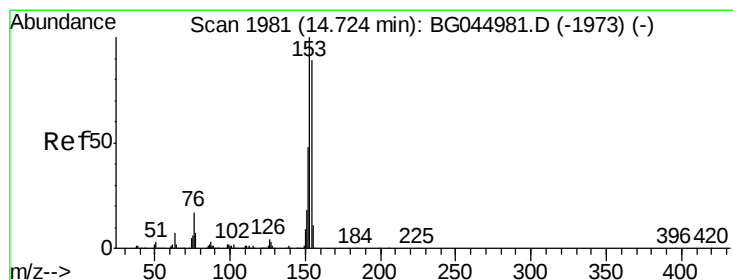
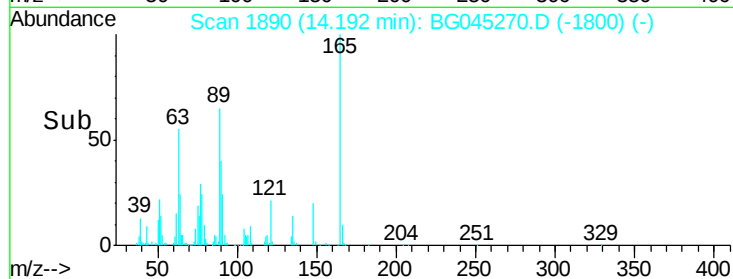
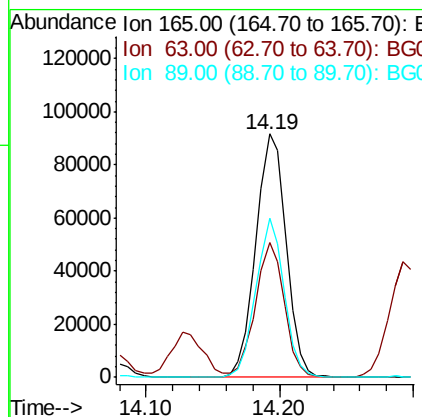
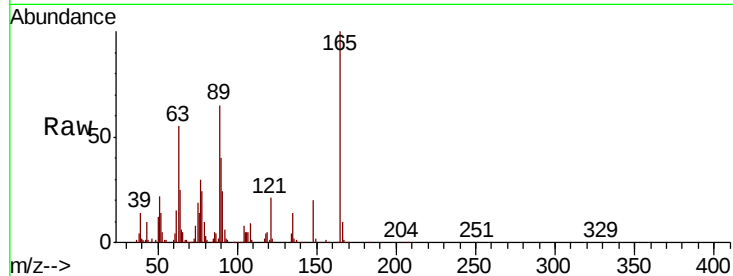
#51
 2,6-Dinitrotoluene
 Concen: 43.264 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	143245		
63	55.5	40.4	60.6	
89	65.2	49.1	73.7	

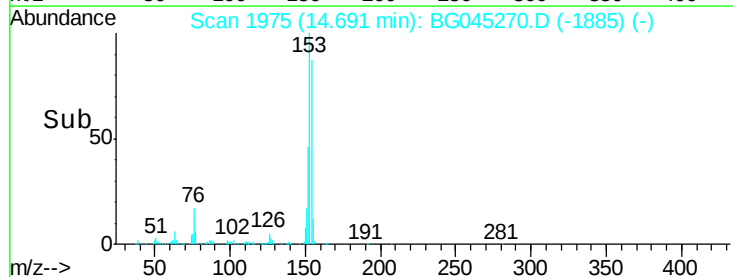
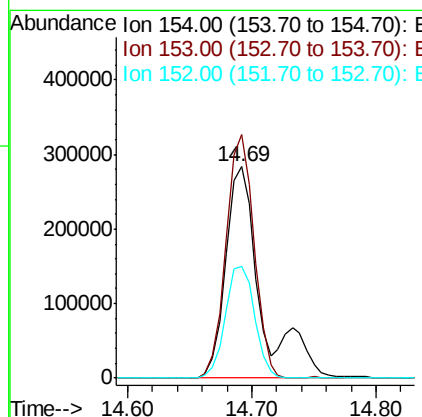
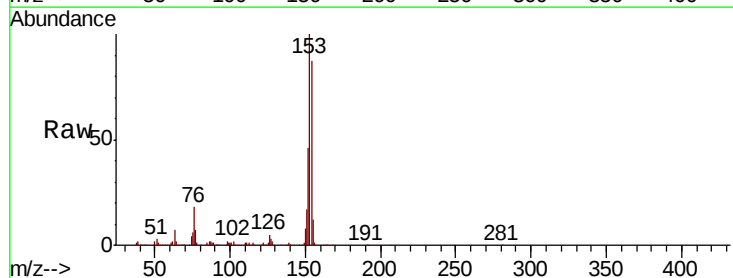
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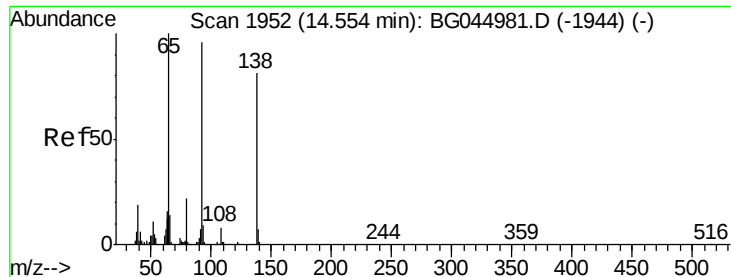
mohammad
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#52
 Acenaphthene
 Concen: 47.857 ng m
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	556870		
153	115.2	89.7	134.5	
152	53.1	43.1	64.7	





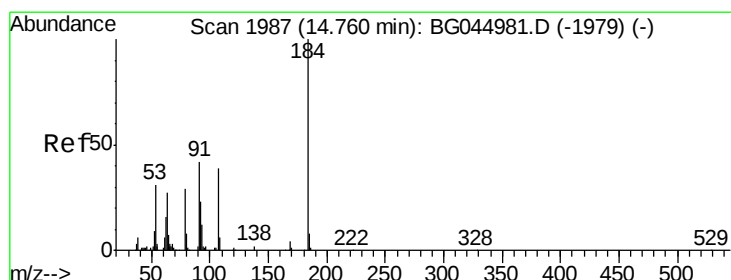
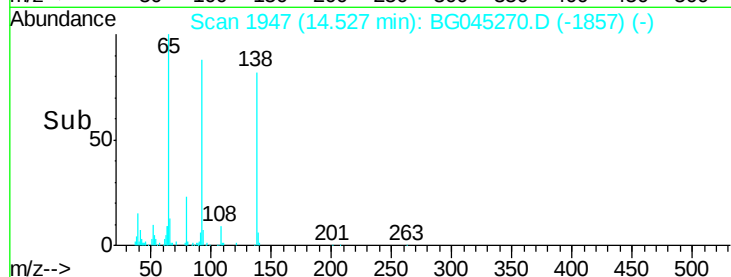
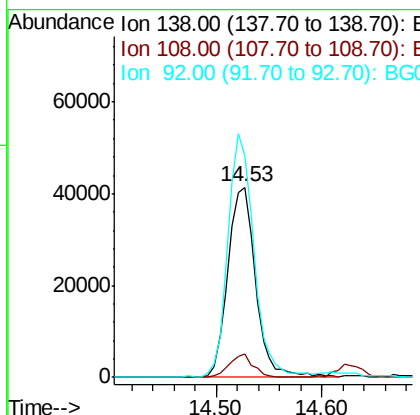
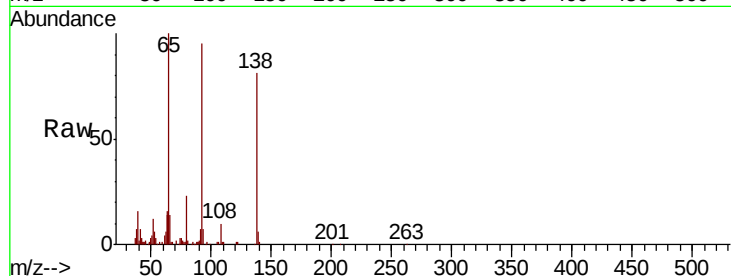
#53
3-Nitroaniline
Concen: 20.681 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	7.8	11.8#
92	116.9	94.5	141.7

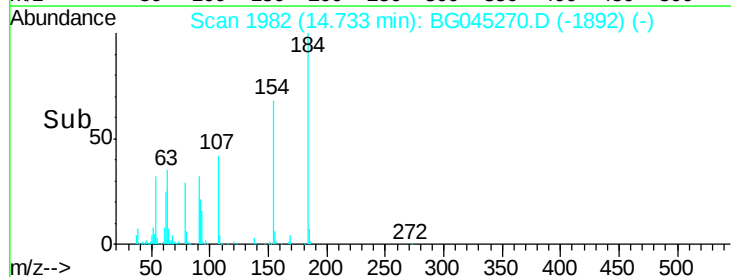
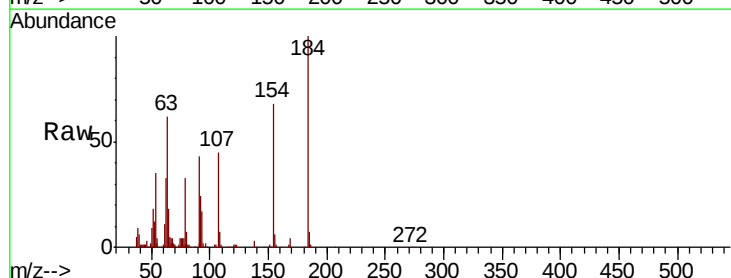
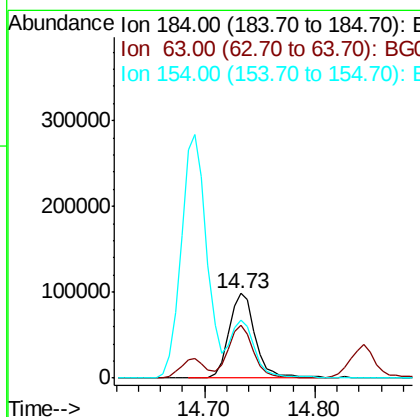
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#54
2,4-Dinitrophenol
Concen: 84.541 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	41.5	62.3
154	68.2	52.3	78.5





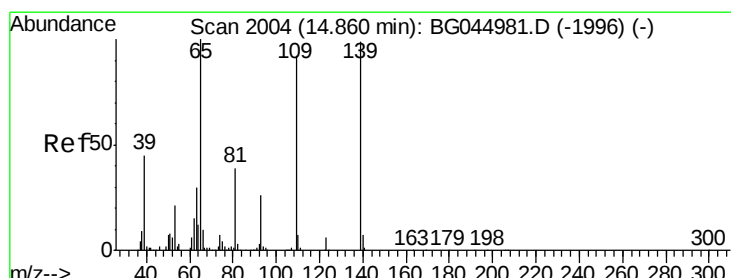
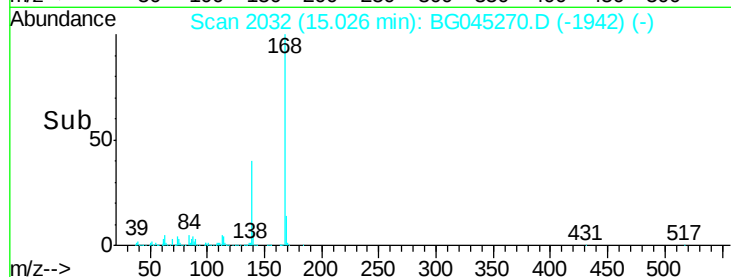
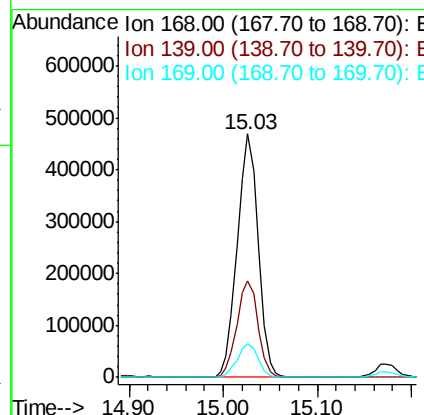
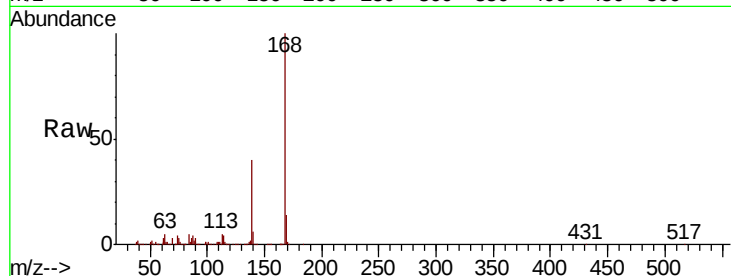
#55
Dibenzenofuran
Concen: 42.868 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.4	45.6
169	13.9	11.0	16.4

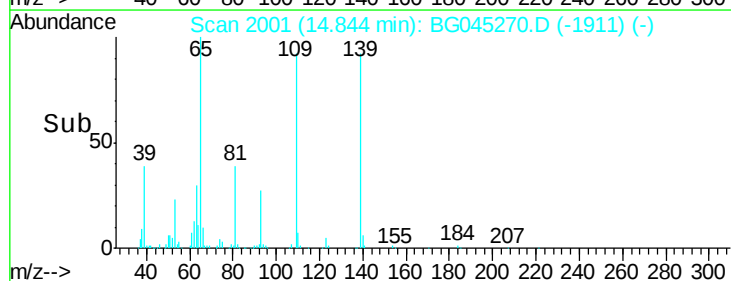
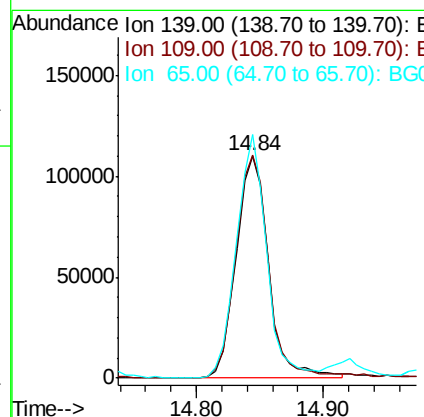
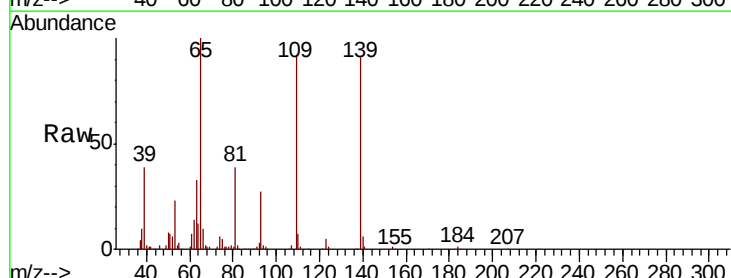
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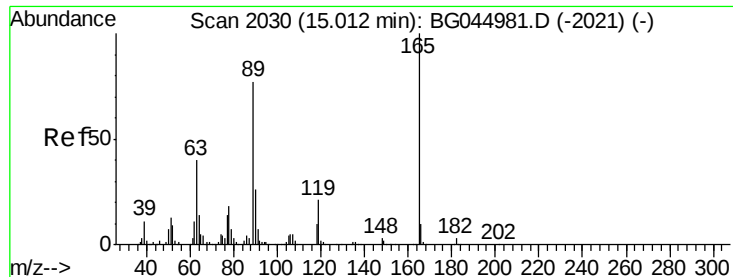
mohammad
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#56
4-Nitrophenol
Concen: 68.828 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.3	73.6	113.6
65	109.6	81.2	121.2





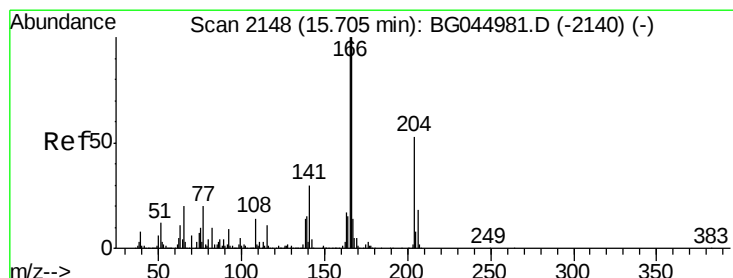
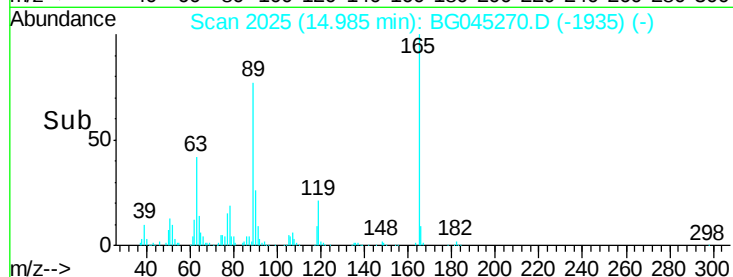
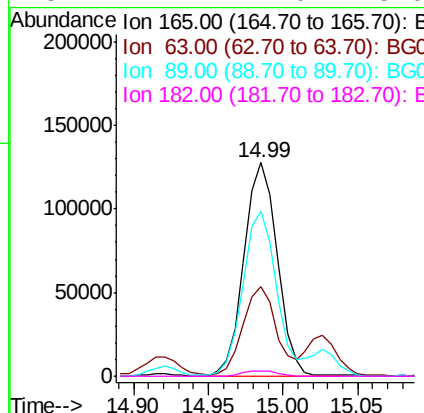
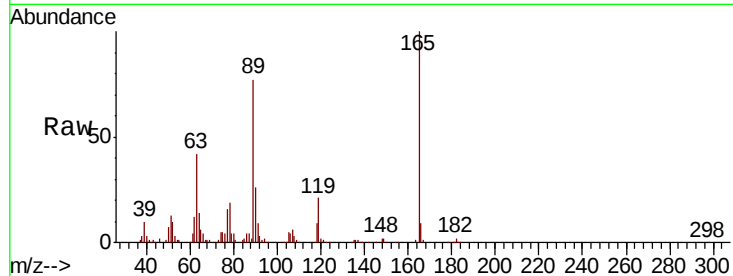
#57
 2,4-Dinitrotoluene
 Concen: 40.591 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		196405		
63	41.9	32.2	48.2		
89	77.1	61.7	92.5		
182	2.4	2.0	3.0		

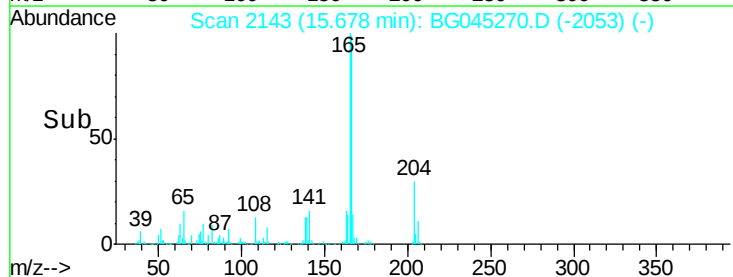
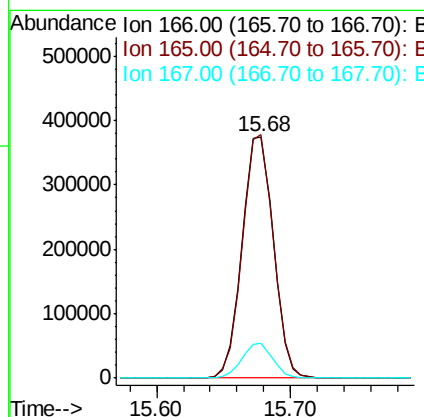
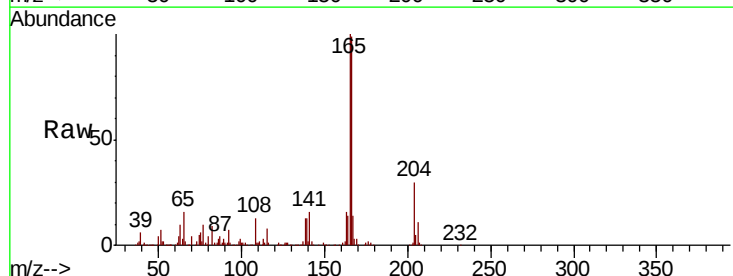
Manual Integrations
 APPROVED

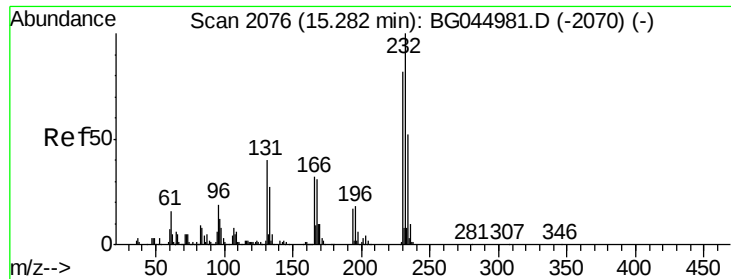
mohammad
 5/8/2020 1:00:01 PM



#58
 Fluorene
 Concen: 43.926 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		608675		
165	100.8	79.9	119.9		
167	14.3	11.4	17.0		





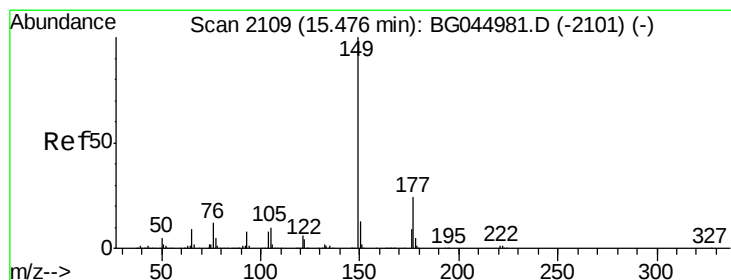
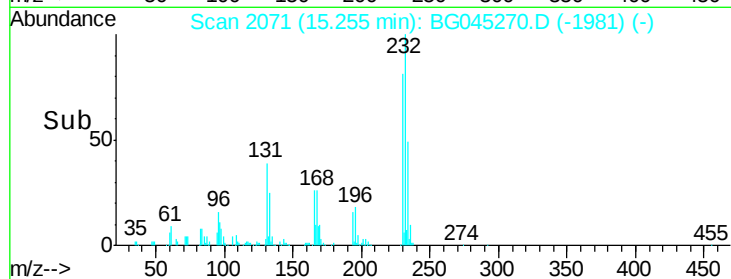
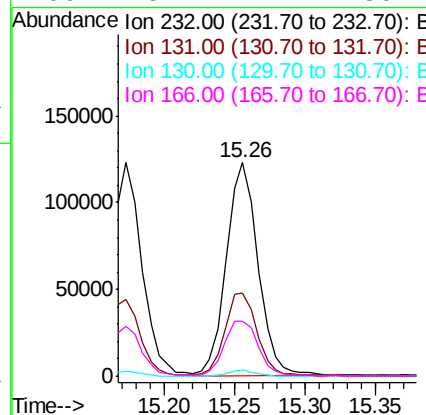
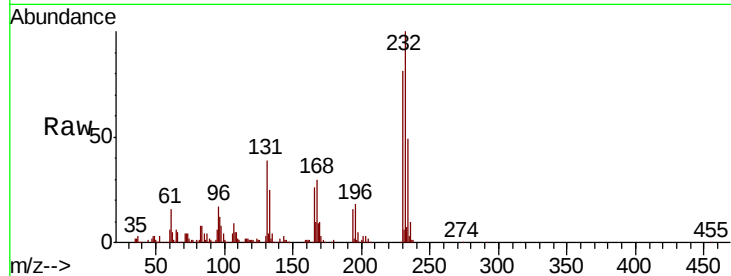
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.670 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		191084		
131	39.9	32.2	48.2		
130	2.7	2.2	3.2		
166	28.1	24.2	36.4		

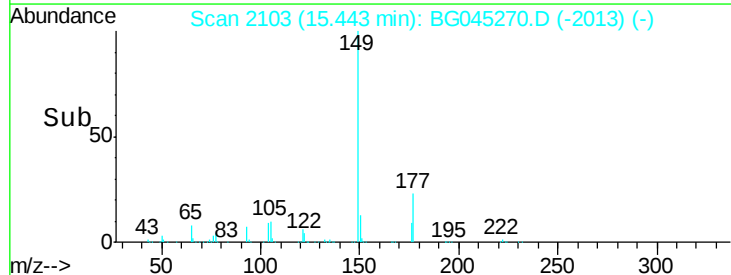
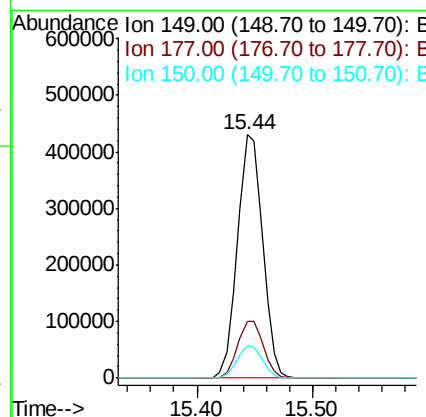
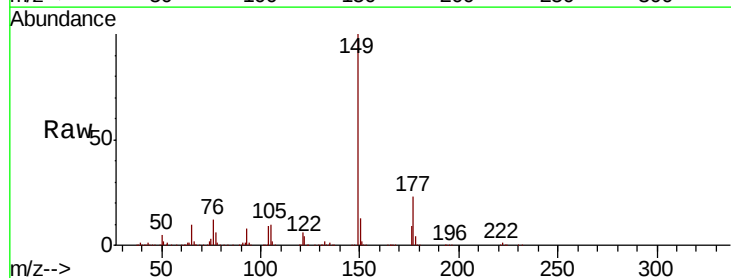
Manual Integrations
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#60
 Diethylphthalate
 Concen: 42.074 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		649343		
177	23.2	18.9	28.3		
150	13.4	10.6	15.8		





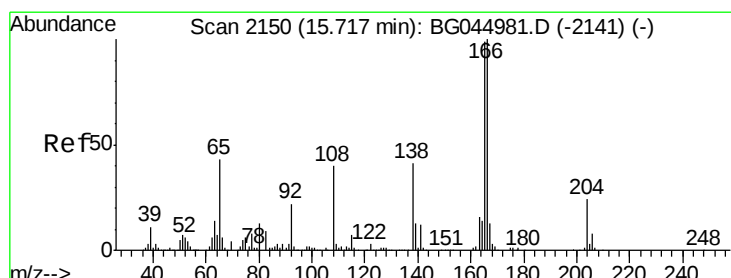
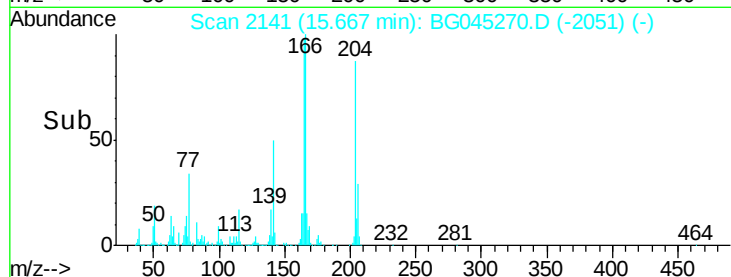
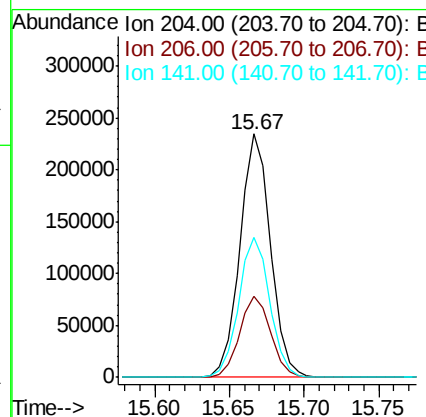
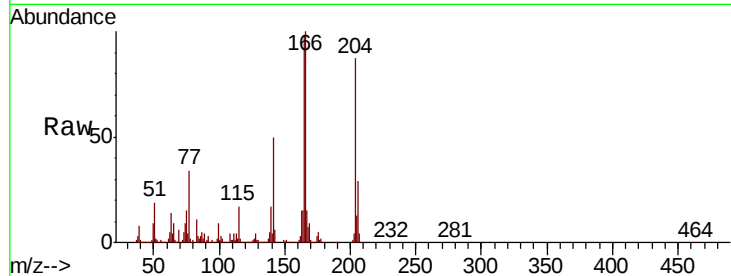
#61
4-Chlorophenyl-phenylether
Concen: 41.834 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.5	26.9	40.3	
141	57.3	46.3	69.5	

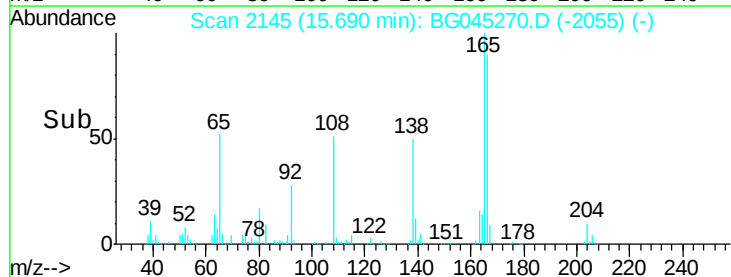
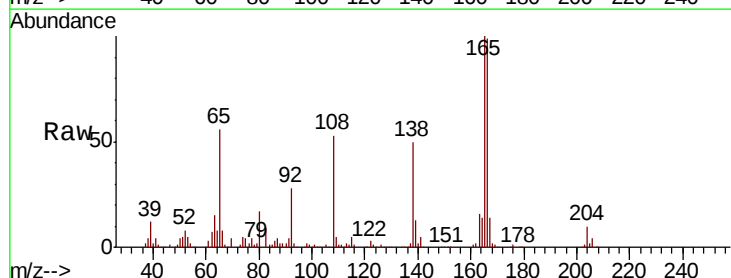
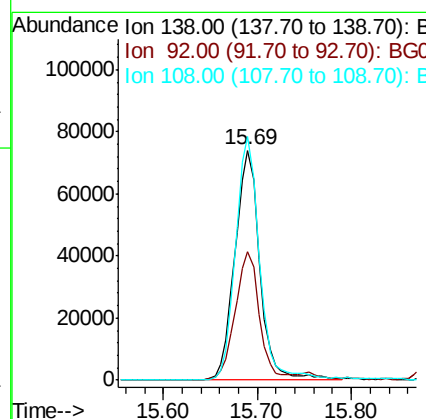
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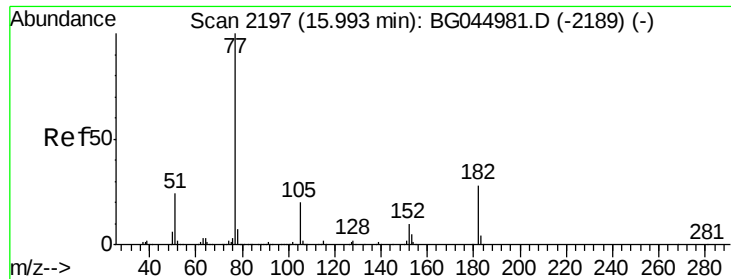
mohammad
5/8/2020 1:00:01 PM



#62
4-Nitroaniline
Concen: 36.391 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.8	33.6	73.6	
108	106.0	78.2	118.2	





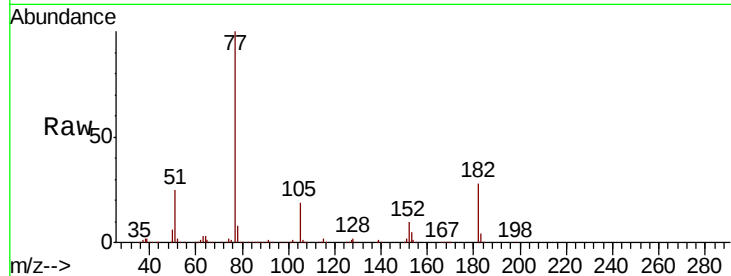
#63
Azobenzene
Concen: 43.359 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

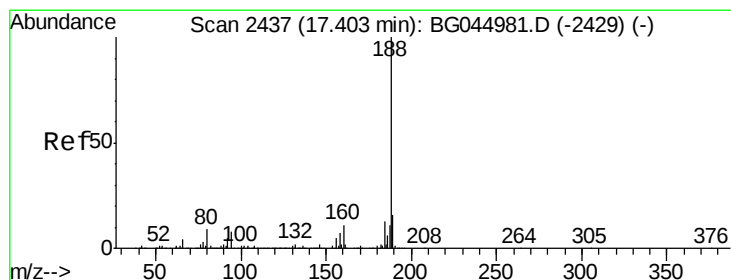
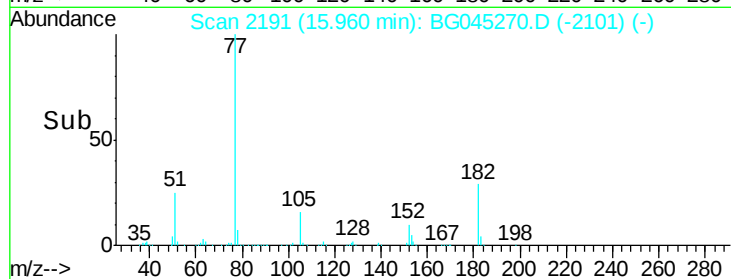
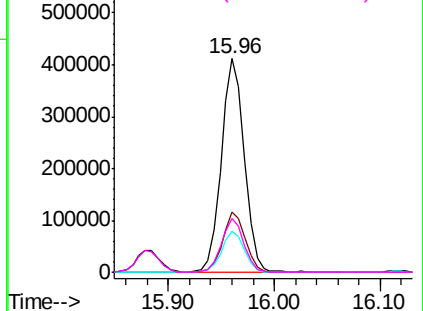
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.0	8.4	48.4		
105	19.2	0.5	40.5		
51	25.0	4.4	44.4		

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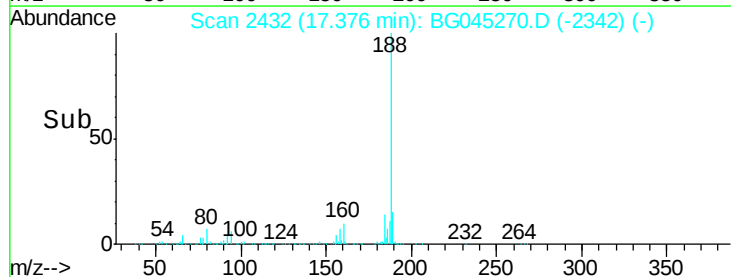
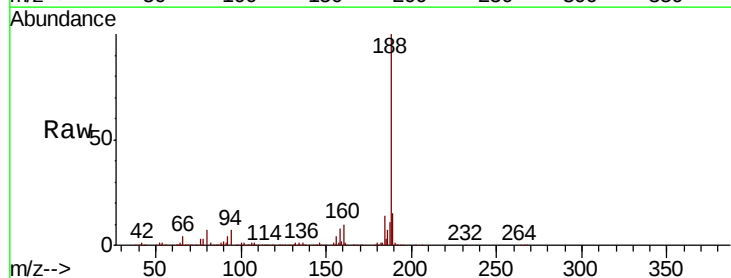
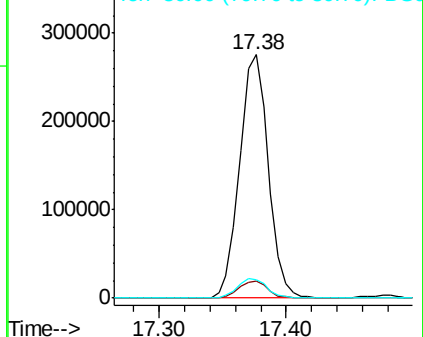
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

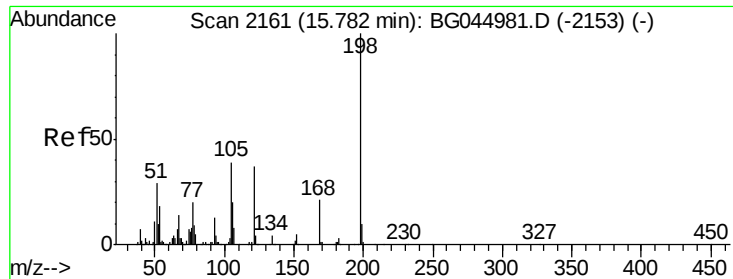


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.7	6.2	9.4		
80	7.4	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: 43.970 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

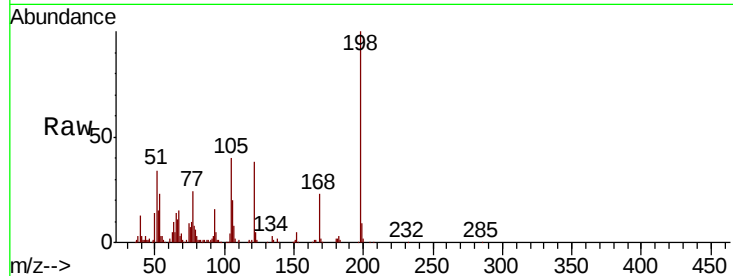
ClientSampleId :

TP-18AMS

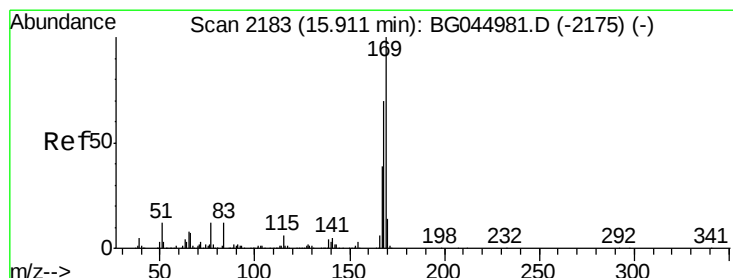
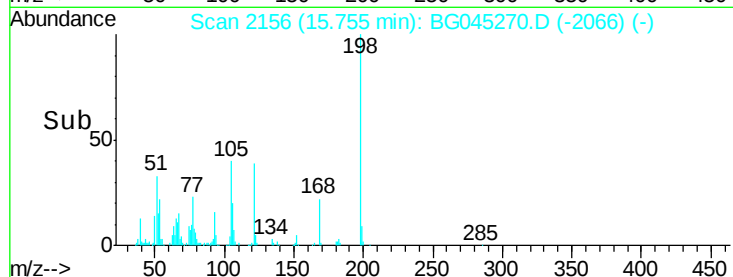
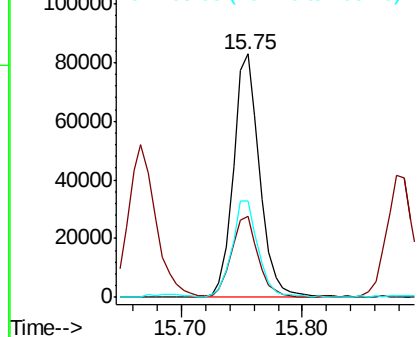
Tot Ion:	198	Resp:	125124
Ion Ratio	Lower	Upper	
198	100		
51	33.5	10.0	50.0
105	39.8	18.9	58.9

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



#66

n-Nitrosodiphenylamine

Concen: 43.536 ng

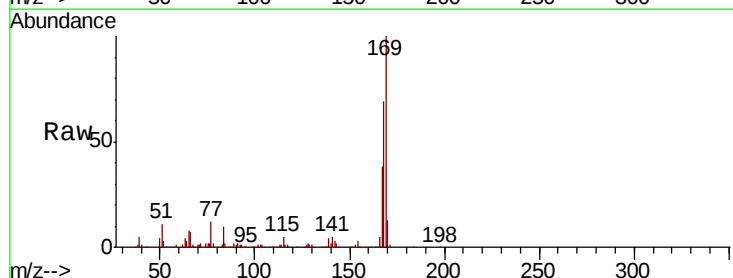
RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

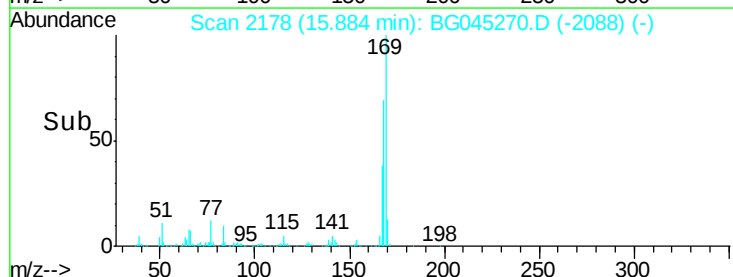
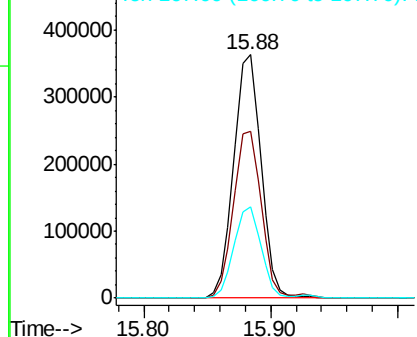
Lab File: BG045270.D

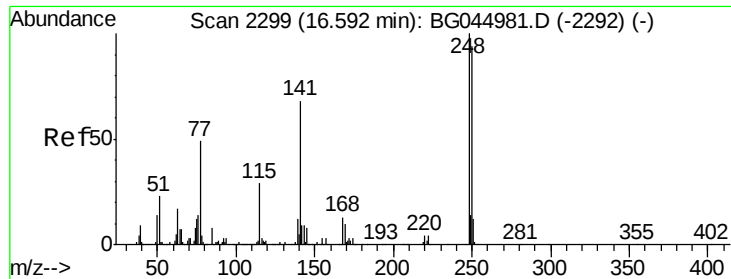
Acq: 7 May 2020 15:21

Tgt Ion:	169	Resp:	541540
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.8	83.8
167	37.6	30.8	46.2



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





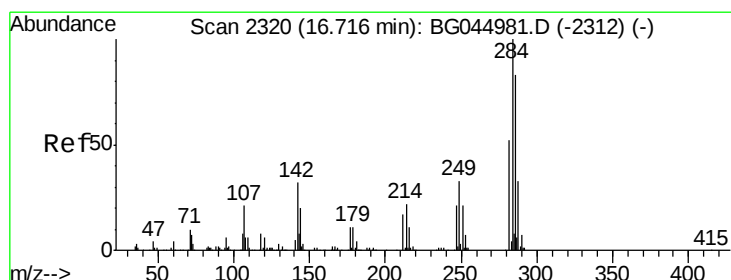
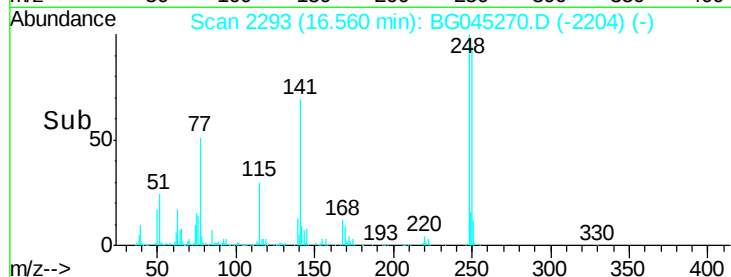
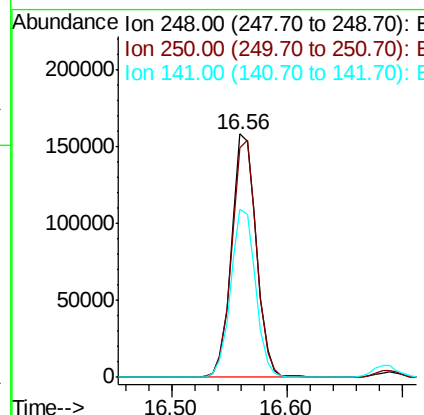
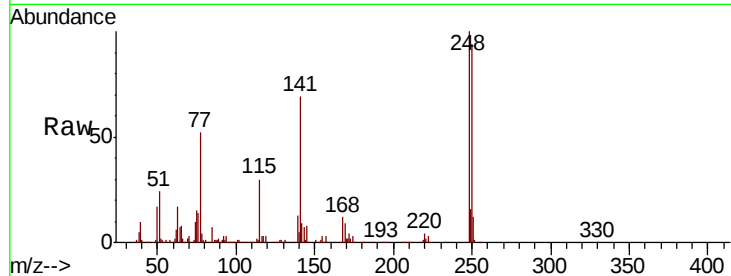
#67
4-Bromophenyl-phenylether
Concen: 42.007 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	75.4	113.2
141	68.9	54.4	81.6

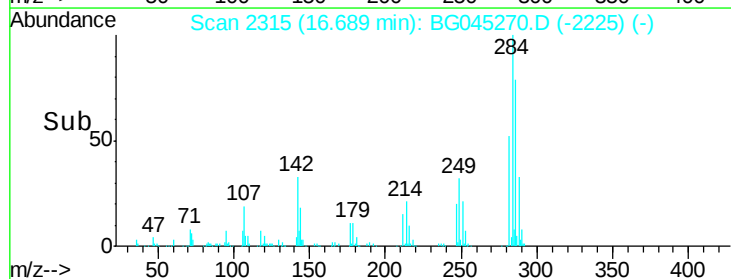
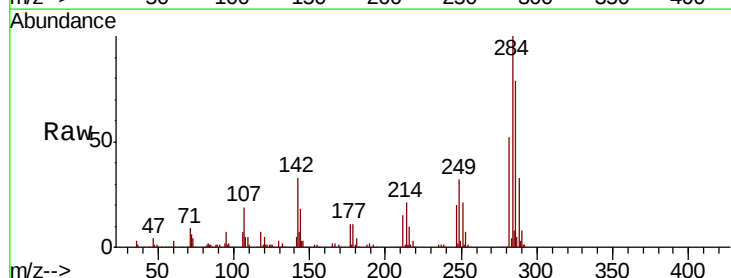
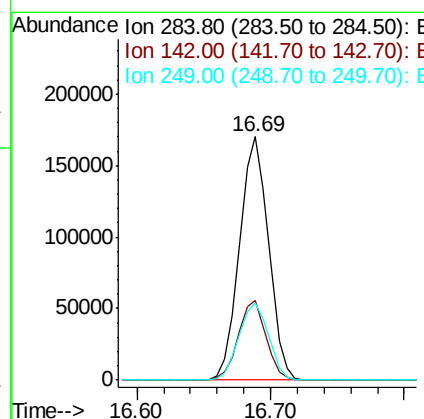
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#68
Hexachlorobenzene
Concen: 44.301 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.8	38.6
249	31.8	26.6	39.8





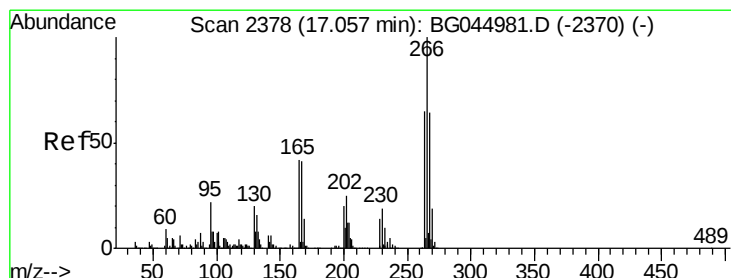
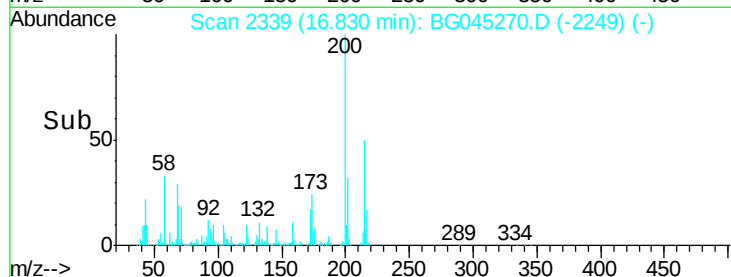
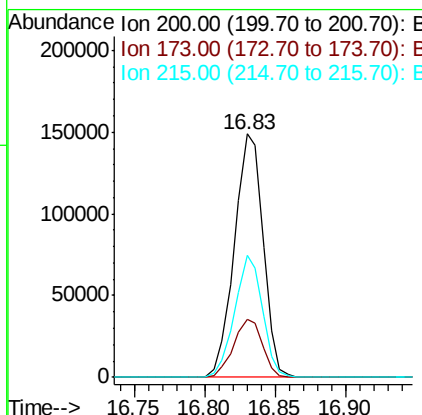
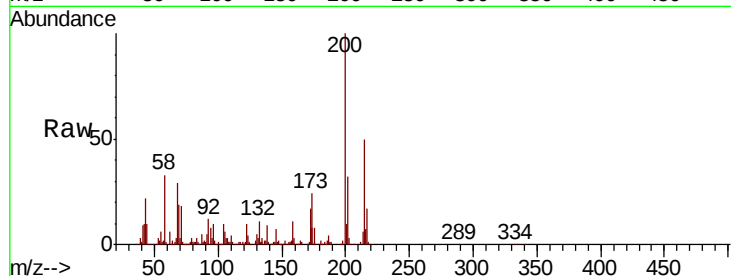
#69
Atrazine
Concen: 46.843 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	4.5	44.5
215	49.9	30.0	70.0

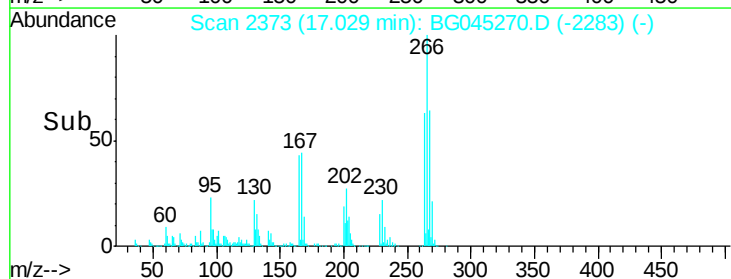
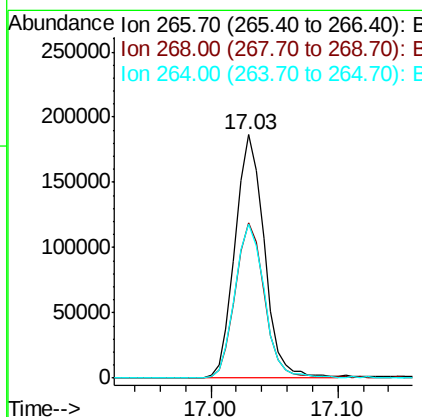
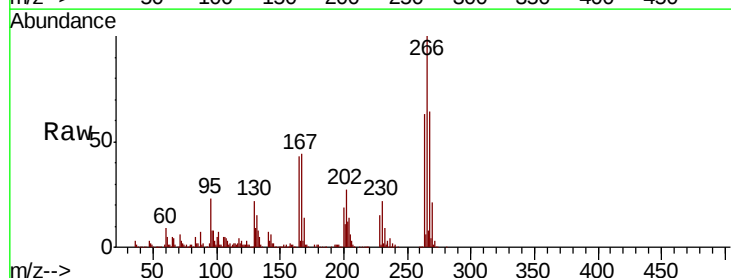
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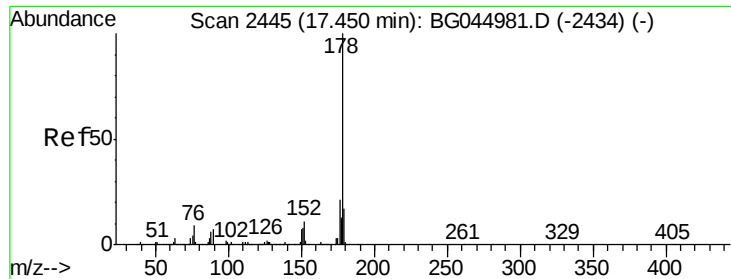
mohammad
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#70
Pentachlorophenol
Concen: 84.032 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.5	77.3
264	63.3	52.2	78.4





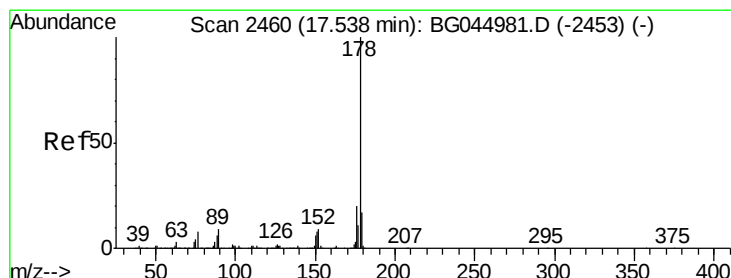
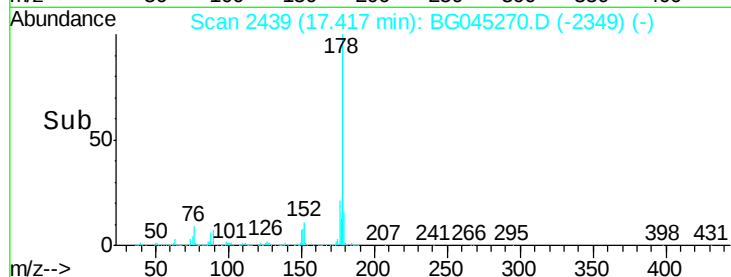
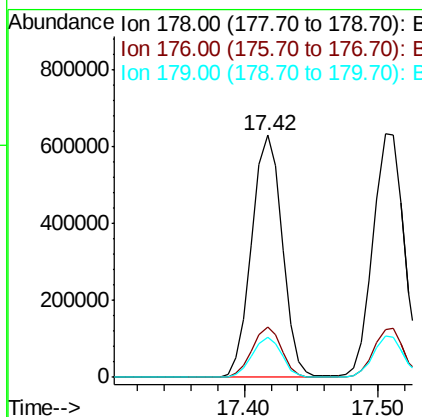
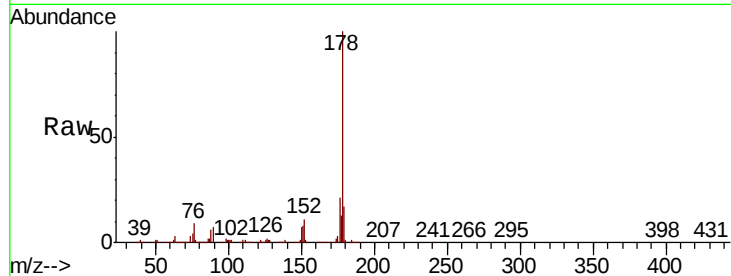
#71
Phenanthrene
Concen: 44.837 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	16.5	13.2	19.8

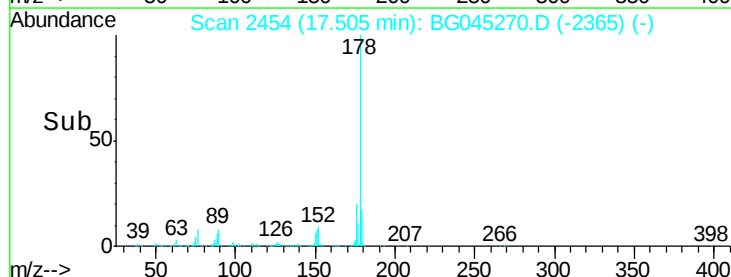
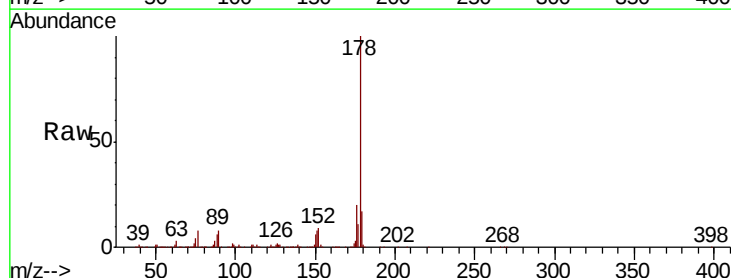
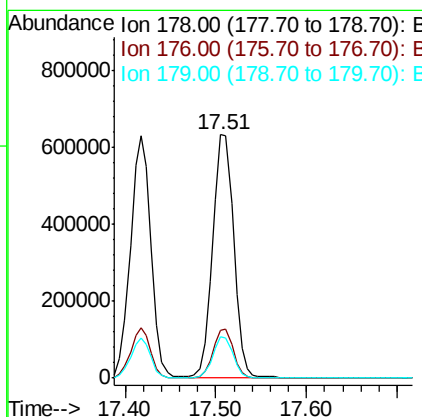
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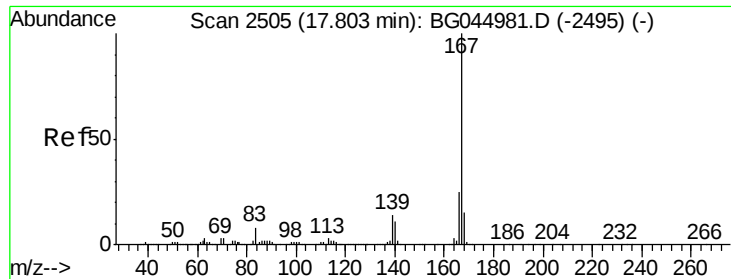
mohammad
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#72
Anthracene
Concen: 45.910 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.9	13.6	20.4





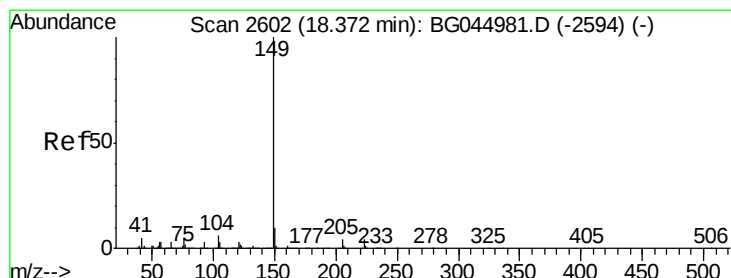
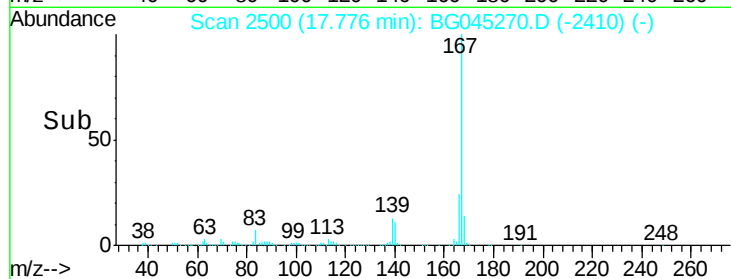
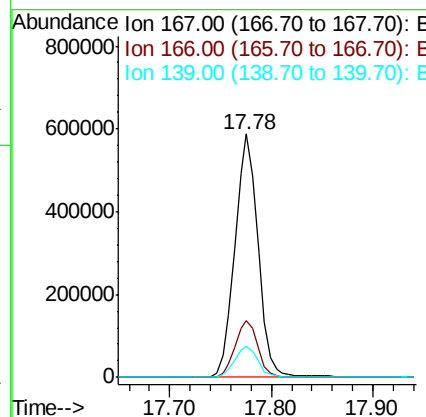
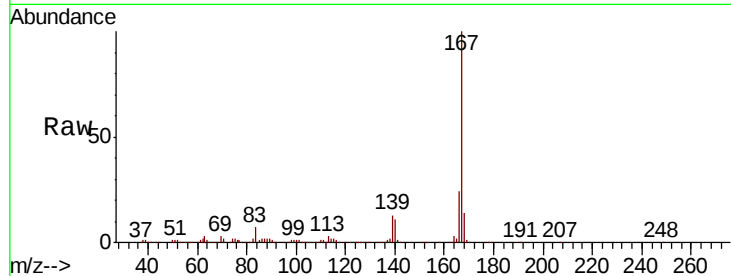
#73
 Carbazole
 Concen: 41.139 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.8	29.6
139	13.0	10.9	16.3

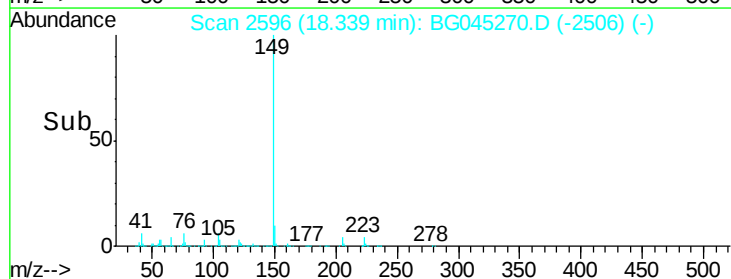
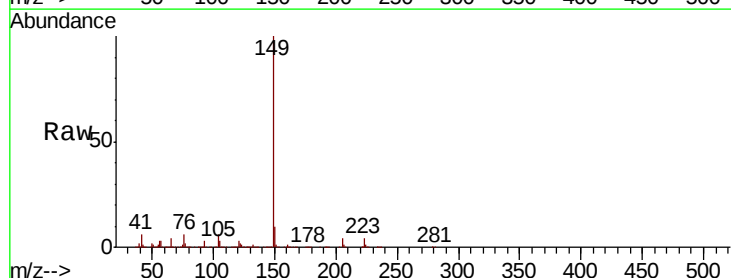
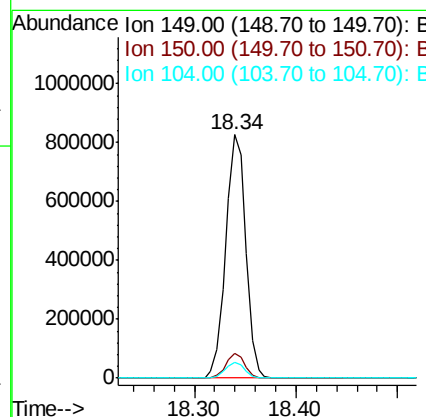
Manual Integrations
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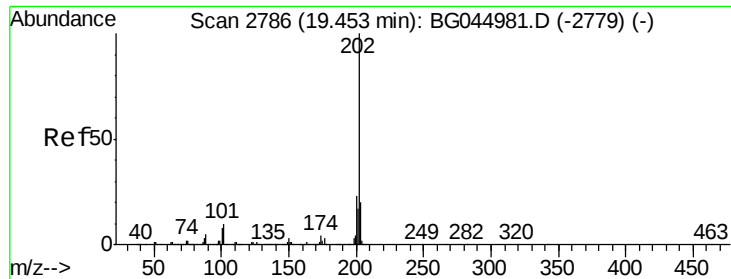
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.041 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.4	4.8	7.2





#75

Fluoranthene

Concen: 47.344 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

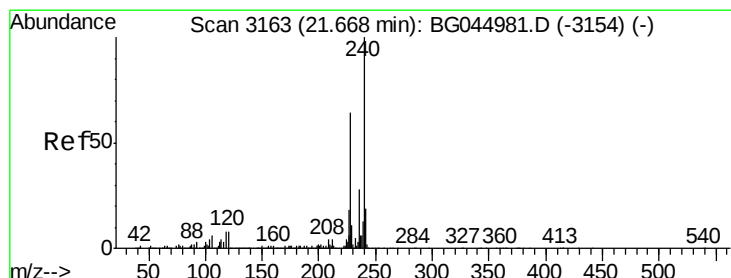
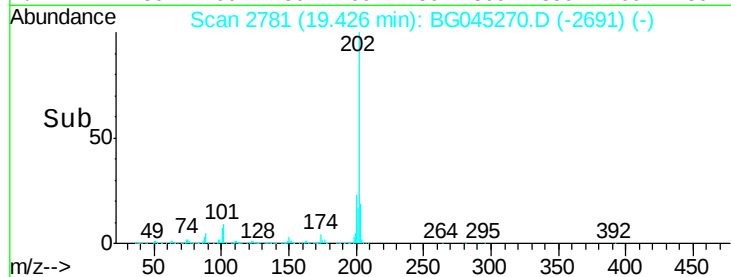
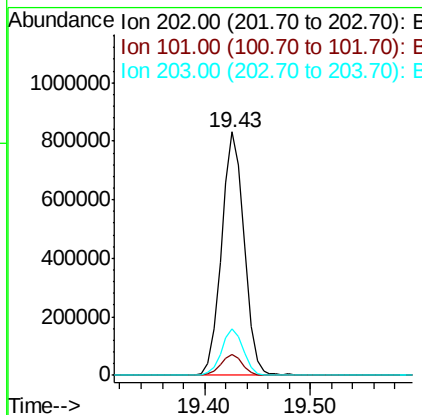
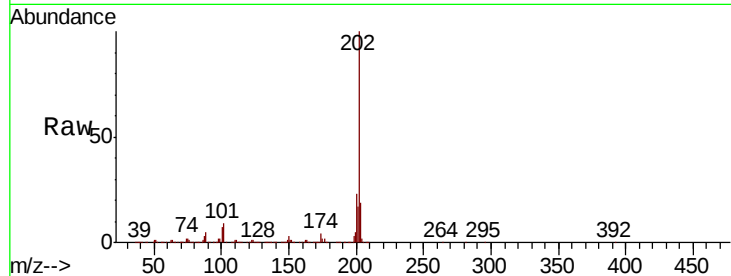
ClientSampleId :

TP-18AMS

Tot Ion:	202	Resp:	1229596
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.6
203	19.3	0.0	39.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

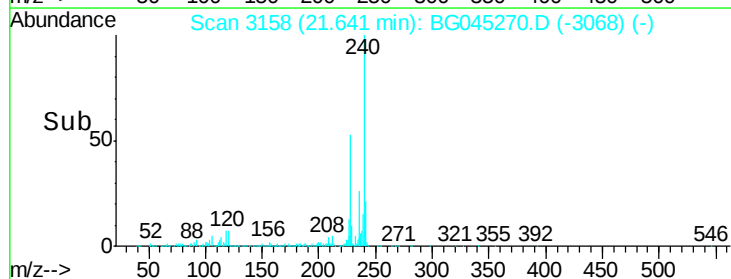
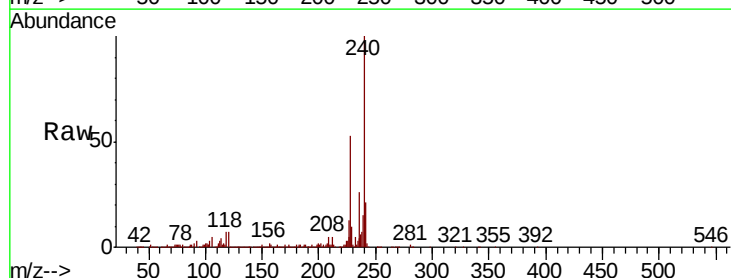
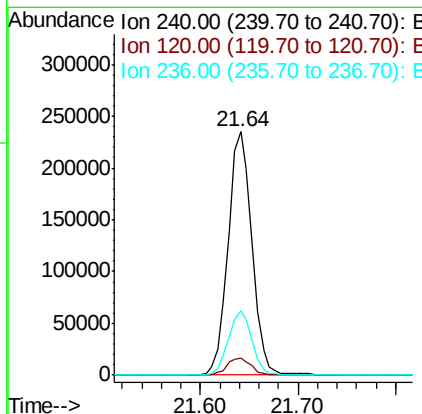
RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	240	Resp:	396600
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.6	10.0
236	26.2	22.2	33.2





#77

Benzidine

Concen: 49.506 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Instrument :

BNA_G

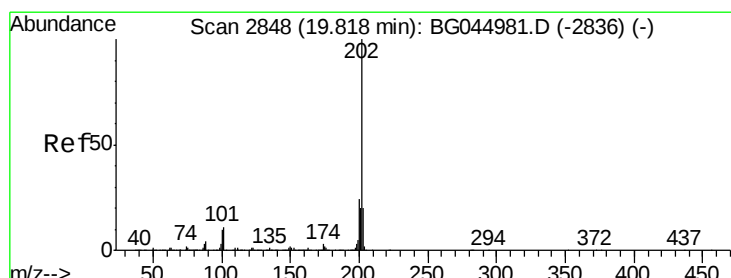
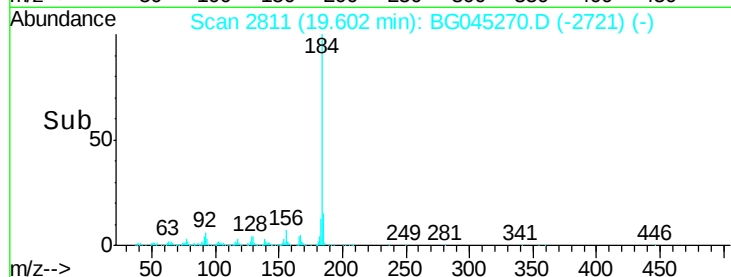
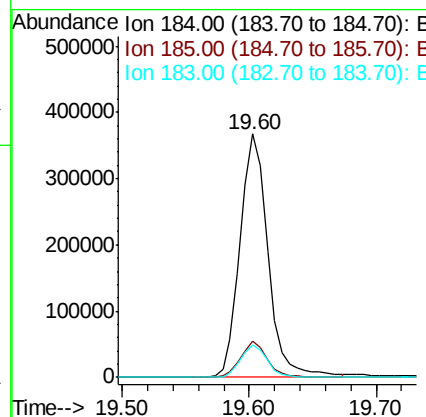
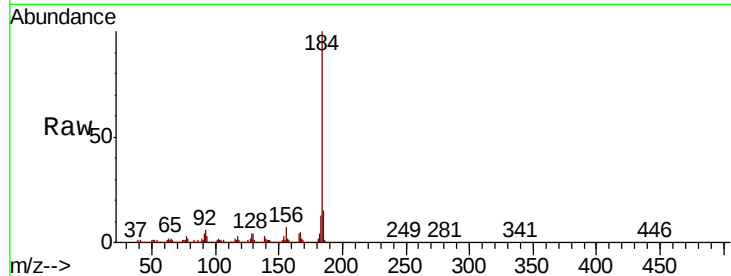
ClientSampled :

TP-18AMS

Tot Ion:	184	Resp:	561828
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.2	11.3	16.9

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mohammad
5/8/2020 1:00:01 PM



#78

Pyrene

Concen: 44.479 ng

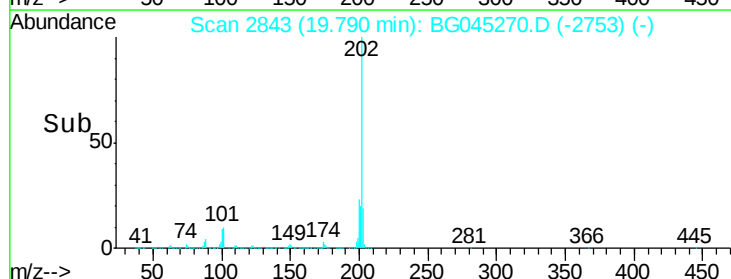
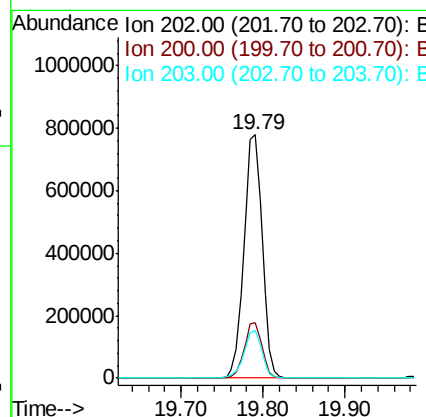
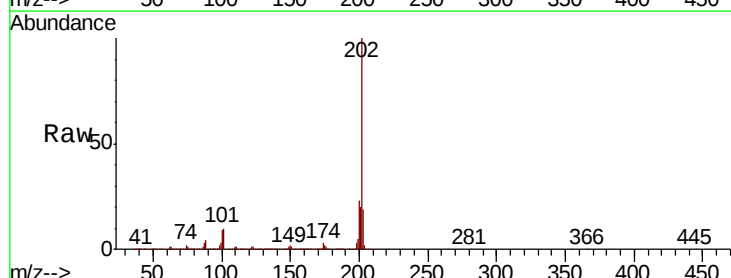
RT: 19.79 min Scan# 2843

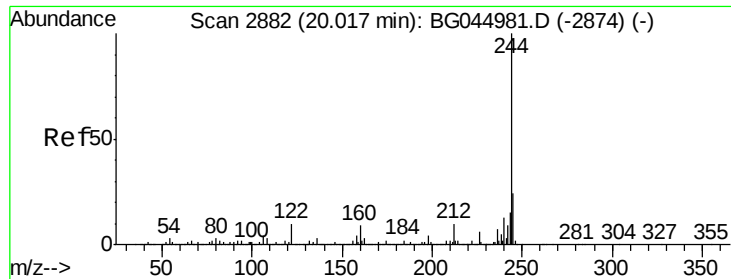
Delta R.T. -0.00 min

Lab File: BG045270.D

Acq: 7 May 2020 15:21

Tgt Ion:	202	Resp:	1216129
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	19.4	16.1	24.1





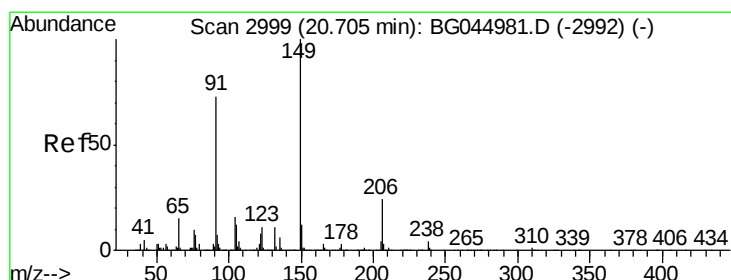
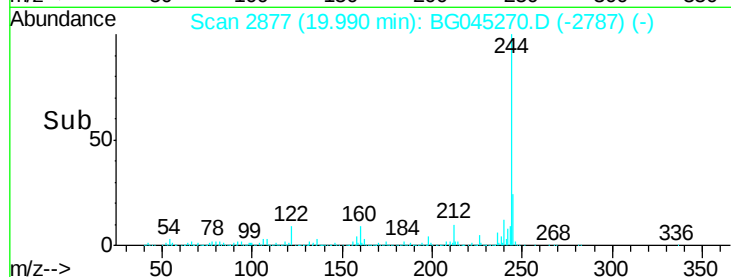
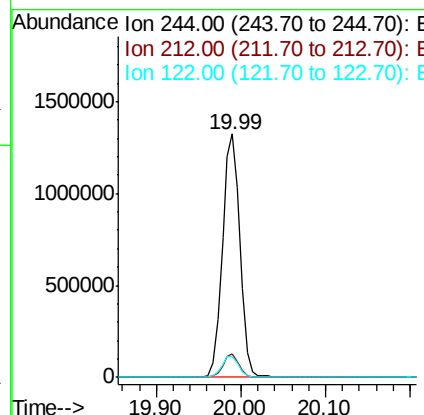
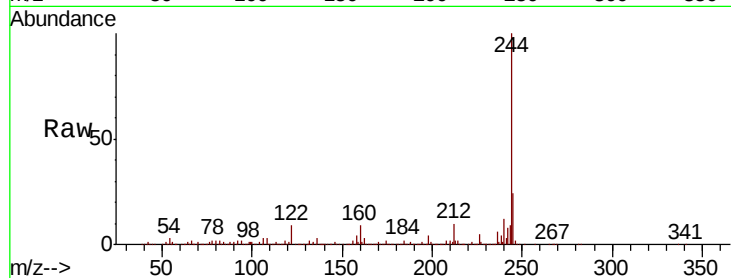
#79
 Terphenyl-d14
 Concen: 105.406 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-18AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.6	7.7	11.5

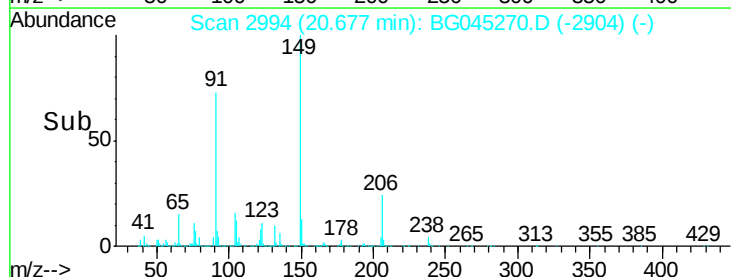
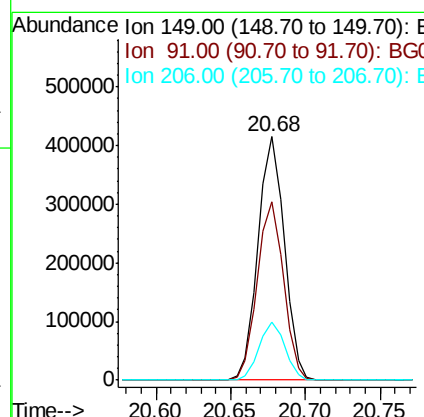
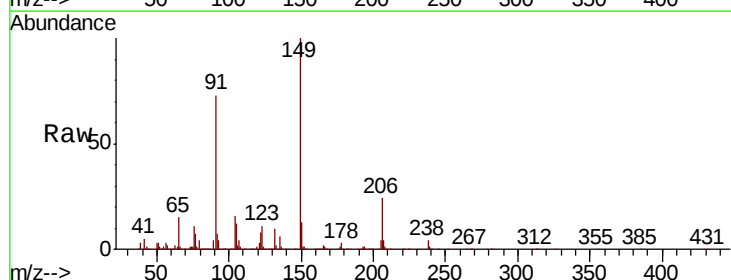
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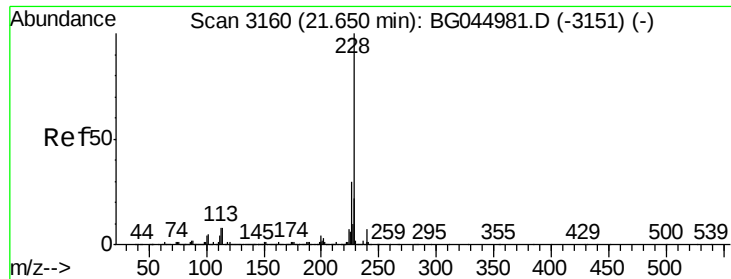
mohammad
 5/8/2020 1:00:01 PM



#80
 Butylbenzylphthalate
 Concen: 44.435 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG045270.D
 Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	58.5	87.7
206	23.9	19.2	28.8





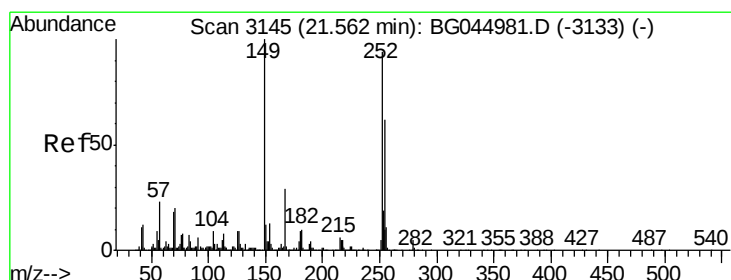
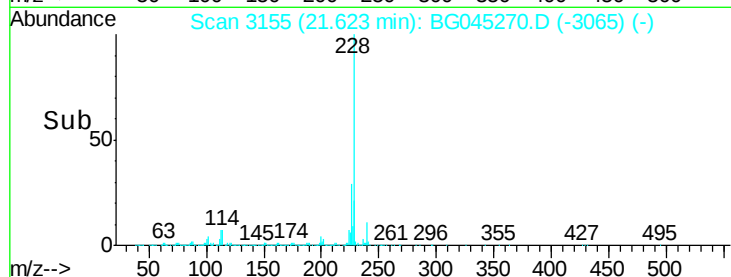
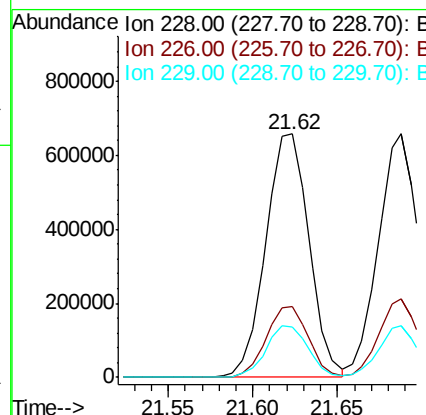
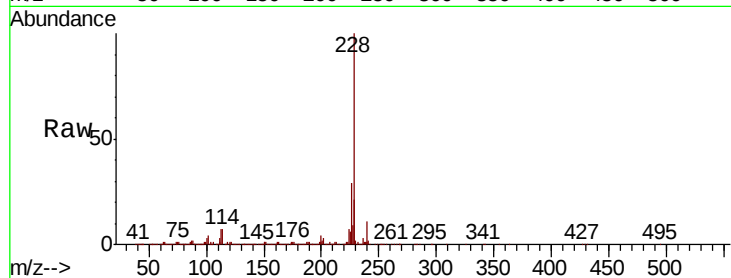
#81
Benzo(a)anthracene
Concen: 45.229 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.5	17.5	26.3

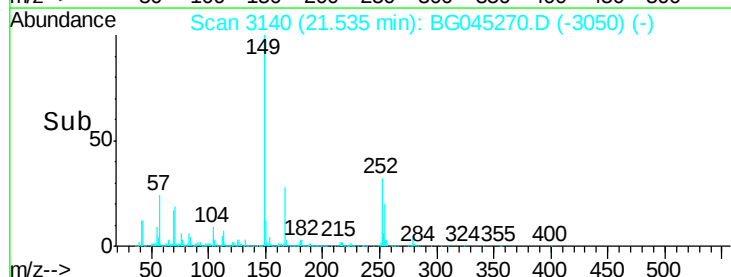
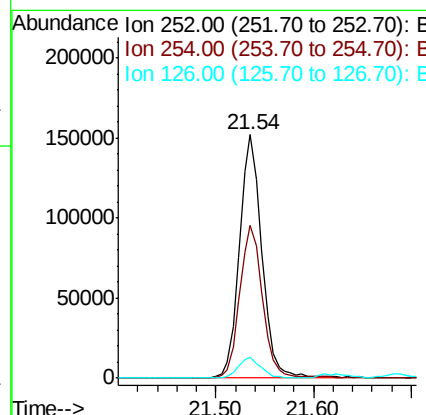
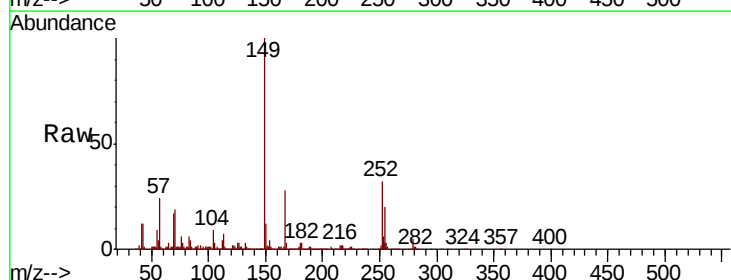
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5/8/2020 1:00:01 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.659 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	79.0
126	8.4	7.5	11.3





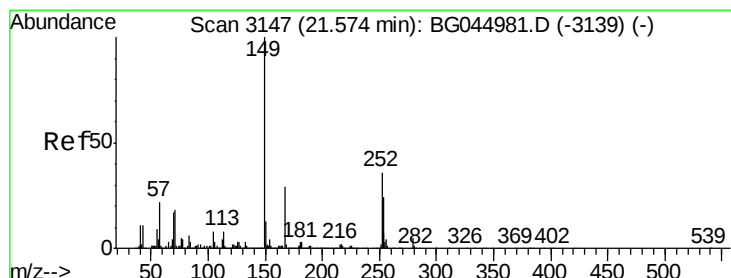
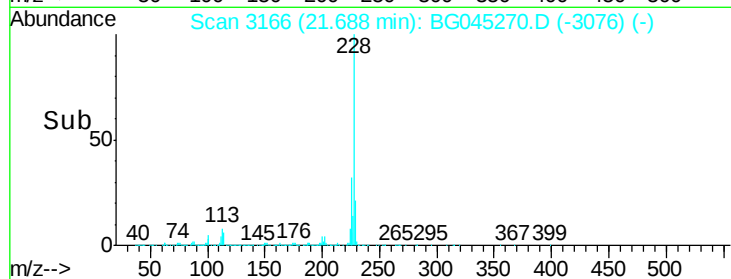
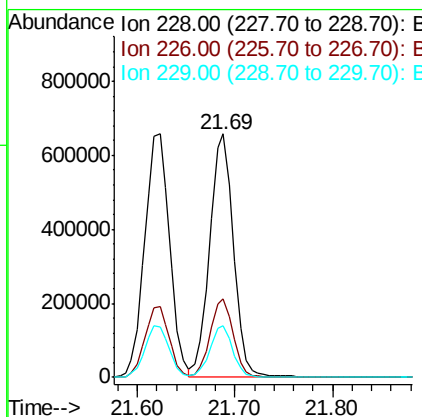
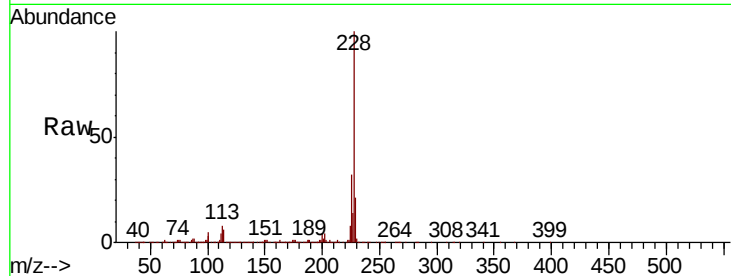
#83
Chrysene
Concen: 44.878 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	32.4	26.2	39.4	
229	21.0	17.0	25.6	

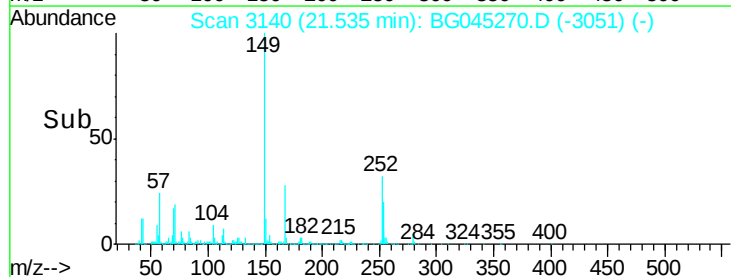
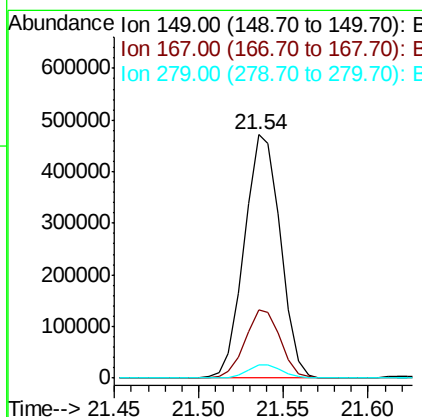
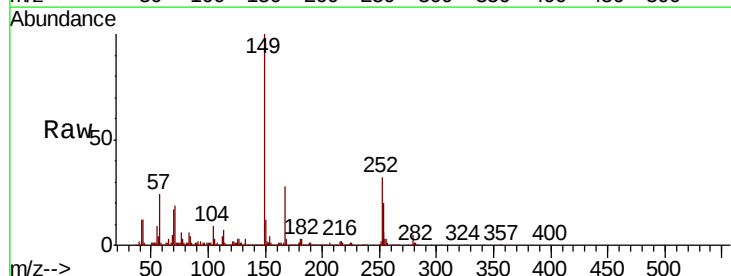
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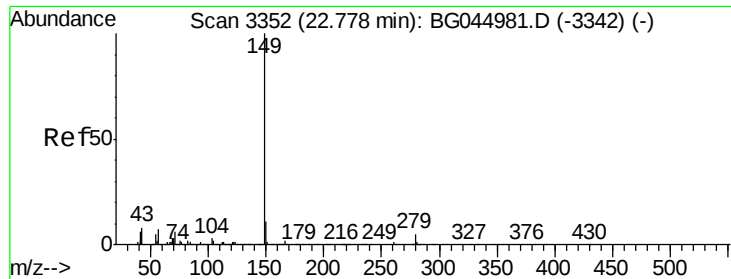
mohammad
5/8/2020 1:00:01 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.787 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.3	23.4	35.0	
279	5.2	4.3	6.5	





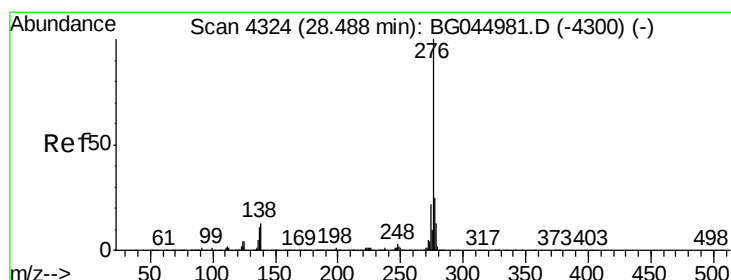
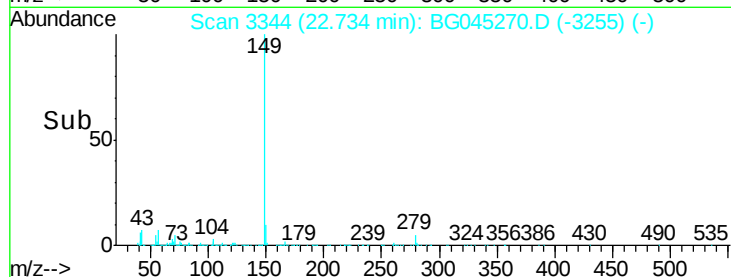
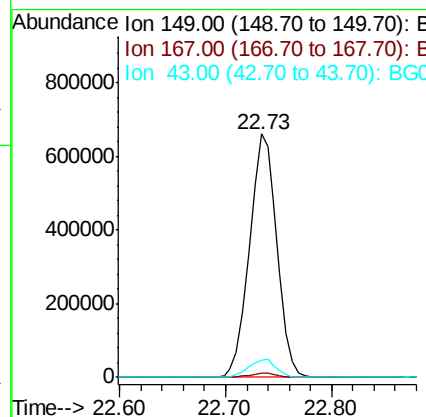
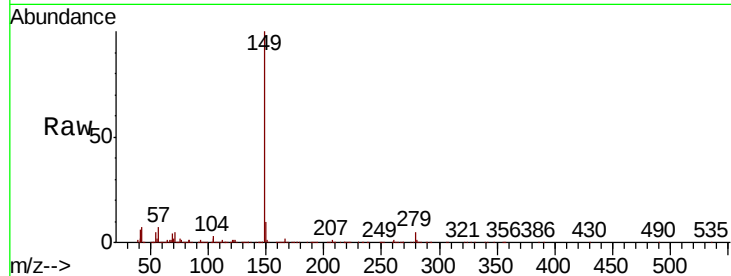
#85
Di-n-octyl phthalate
Concen: 43.955 ng
RT: 22.73 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.2	5.7	8.5

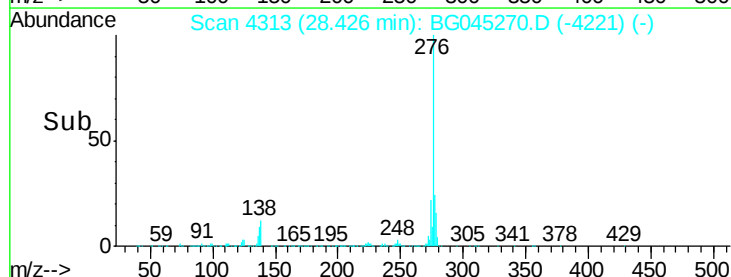
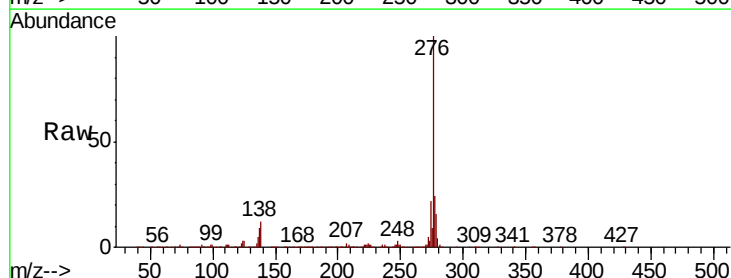
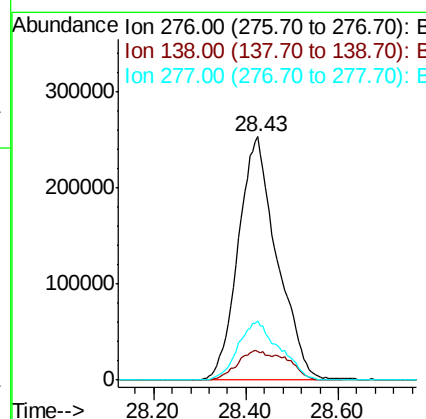
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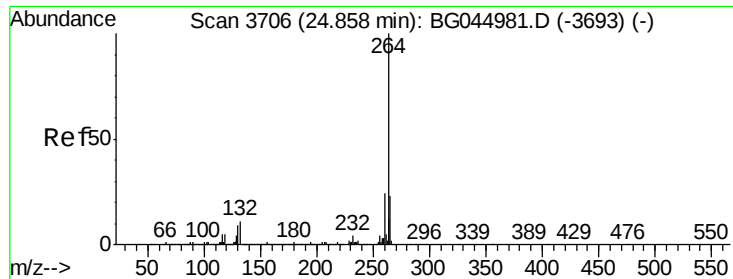
mohammad
5/8/2020 1:00:01 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.999 ng
RT: 28.43 min Scan# 4313
Delta R.T. 0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.6	14.4
277	25.8	20.6	31.0





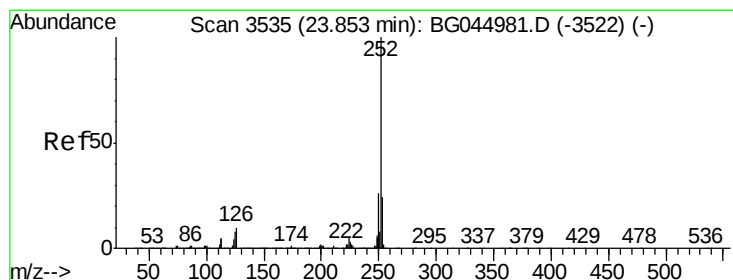
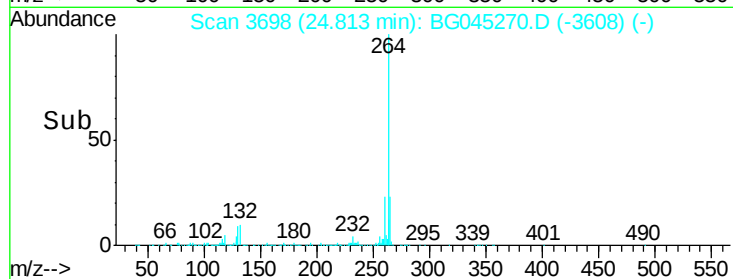
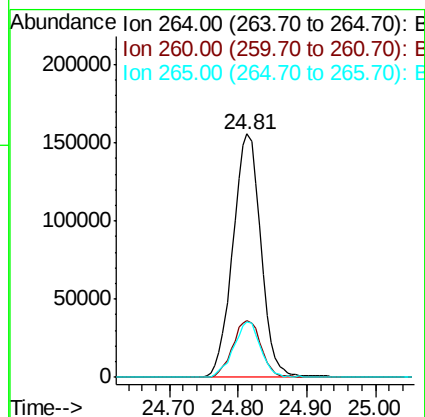
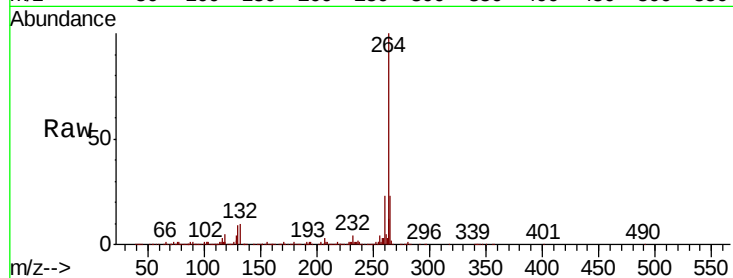
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	19.0	28.4

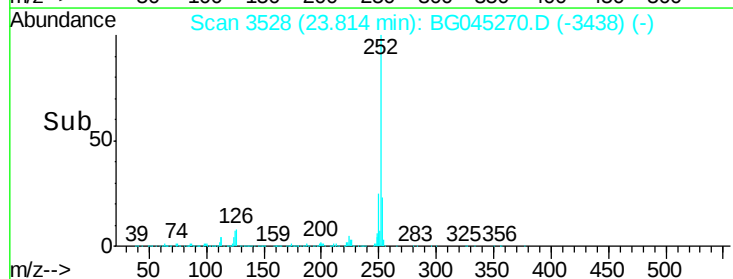
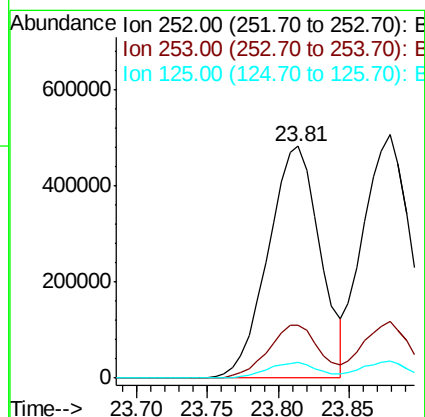
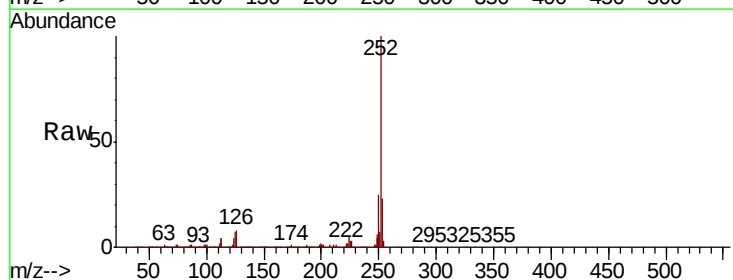
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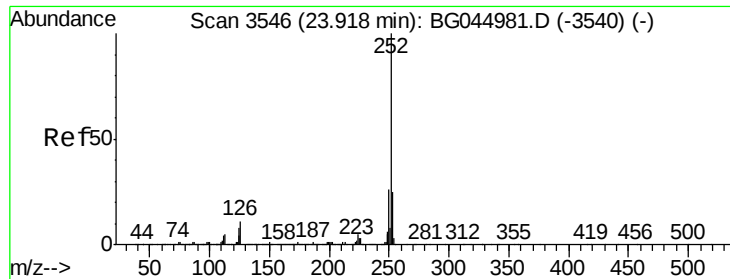
mohammad
5/8/2020 1:00:01 PM



#88
Benzo(b)fluoranthene
Concen: 44.955 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	7.0	6.2	9.4





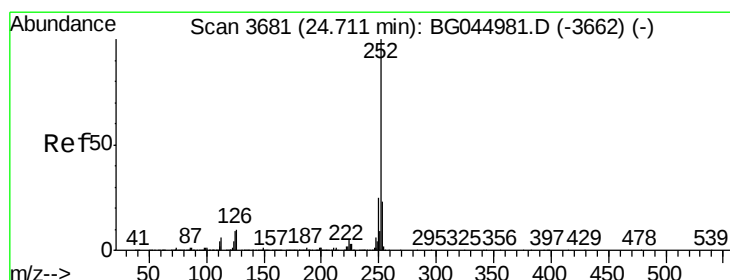
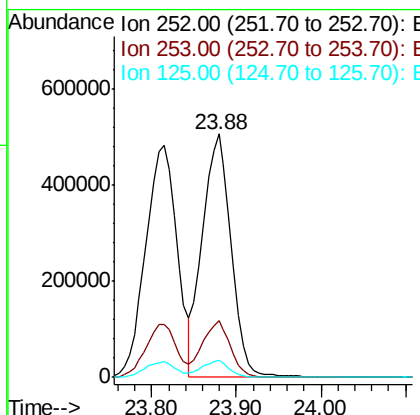
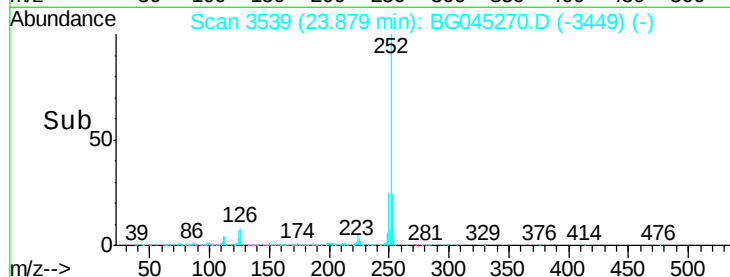
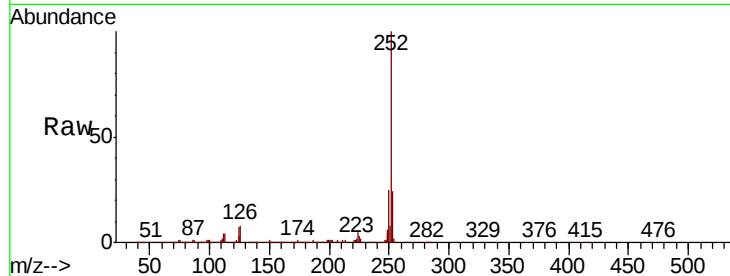
#89
Benzo(k)fluoranthene
Concen: 45.552 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	7.0	5.9	8.9

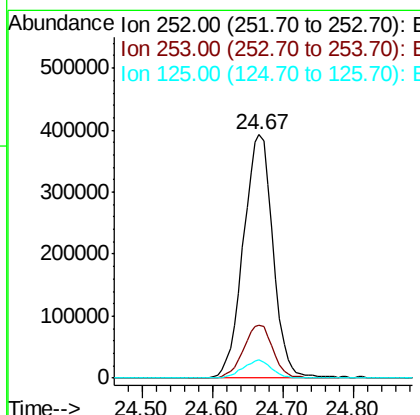
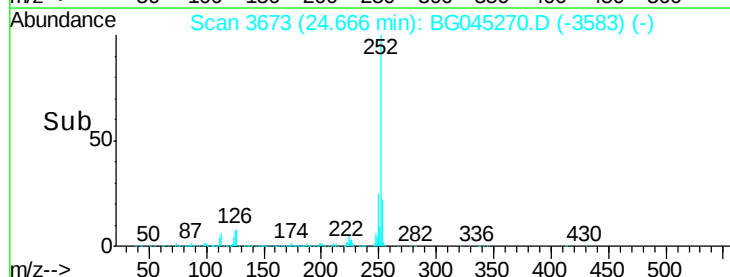
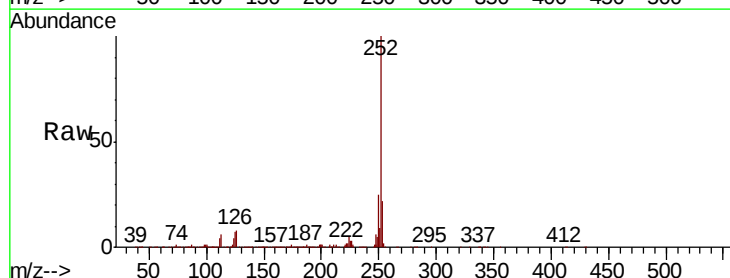
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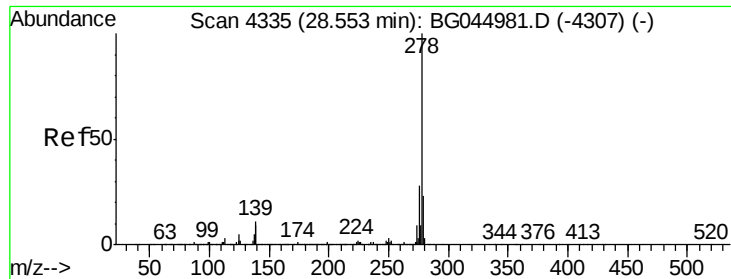
mohammad
5/8/2020 1:00:01 PM



#90
Benzo(a)pyrene
Concen: 43.968 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	7.4	7.0	10.6





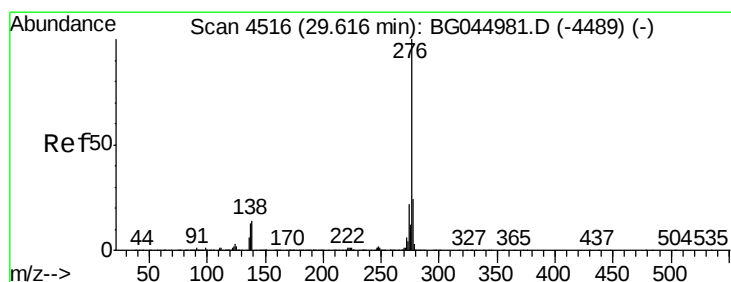
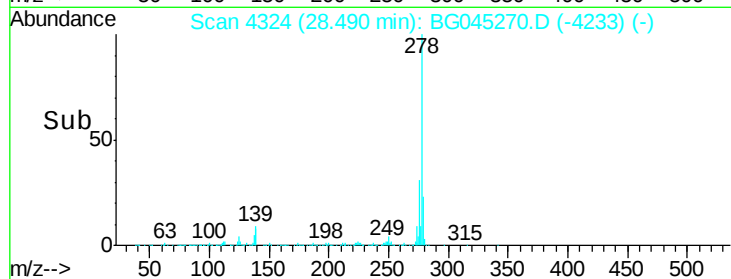
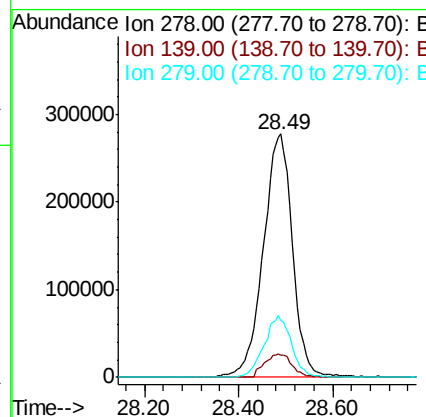
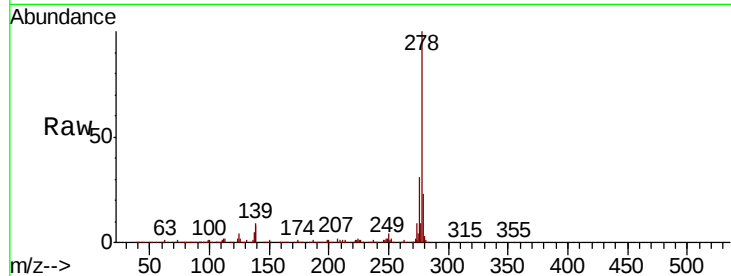
#91
Dibenzo(a,h)anthracene
Concen: 45.584 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Instrument :
BNA_G
ClientSampleId :
TP-18AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.0	13.6
279	23.2	18.4	27.6

Manual Integrations
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5/8/2020 1:00:01 PM



#92
Benzo(g,h,i)perylene
Concen: 46.443 ng
RT: 29.55 min Scan# 4505
Delta R.T. 0.01 min
Lab File: BG045270.D
Acq: 7 May 2020 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.3	28.9
138	12.7	11.4	17.2

