

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045181.D
 Acq On : 27 Apr 2020 16:34
 Operator : CG/JU
 Sample : L2331-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Manual Integrations
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 4/28/2020 11:08:02 PM

Quant Time: Apr 28 03:50:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64502	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	255846	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	206806	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	517834	20.00	ng	0.00
76) Chrysene-d12	21.64	240	489763	20.00	ng	0.00
87) Perylene-d12	24.82	264	539993	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	120586	30.86	ng	0.00
7) Phenol-d6	7.16	99	154890	26.68	ng	0.00
23) Nitrobenzene-d5	9.15	82	125401	22.36	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	115835	36.26	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	339192	24.05	ng	0.00
79) Terphenyl-d14	19.99	244	677660	30.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	16303	9.389	ng	# 37
3) Pyridine	3.86	79	18038	3.374	ng	# 92
4) n-Nitrosodimethylamine	3.76	42	16466	10.054	ng	# 97
6) Aniline	7.31	93	47282	6.265	ng	93
8) 2-Chlorophenol	7.56	128	50325	11.985	ng	97
9) Benzaldehyde	7.12	77	27039	2.753	ng	94
10) Phenol	7.19	94	55817	9.609	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	53101	11.482	ng	89
12) 1,3-Dichlorobenzene	7.88	146	56046	11.327	ng	100
13) 1,4-Dichlorobenzene	8.03	146	56230	11.405	ng	96
14) 1,2-Dichlorobenzene	8.35	146	55136	11.689	ng	96
15) Benzyl Alcohol	8.23	79	46826	9.621	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.52	45	46563	10.257	ng	93
17) 2-Methylphenol	8.44	107	42277	9.433	ng	96
18) Hexachloroethane	9.08	117	21444	11.570	ng	83
19) n-Nitroso-di-n-propylamine	8.80	70	44954	10.951	ng	96
20) 3+4-Methylphenols	8.76	107	57395	9.149	ng	93
22) Acetophenone	8.81	105	81489	11.778	ng	# 98
24) Nitrobenzene	9.19	77	66521	11.574	ng	99
25) Isophorone	9.72	82	134784	11.738	ng	# 98
26) 2-Nitrophenol	9.91	139	27529	11.120	ng	98
27) 2,4-Dimethylphenol	9.97	122	47591	12.115	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	71694	11.883	ng	99
29) 2,4-Dichlorophenol	10.45	162	51678	11.393	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	61911	12.055	ng	97
31) Naphthalene	10.85	128	166412	11.890	ng	99
32) Benzoic acid	10.06	122	14297	10.281	ng	# 76
33) 4-Chloroaniline	10.96	127	43302	6.634	ng	97
34) Hexachlorobutadiene	11.15	225	42663	12.117	ng	98
35) Caprolactam	11.71	113	15269	8.458	ng	85
36) 4-Chloro-3-methylphenol	12.08	107	66158	12.416	ng	98
37) 2-Methylnaphthalene	12.46	142	133525	12.291	ng	98
38) 1-Methylnaphthalene	12.68	142	131406	12.813	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	74989	11.262	ng	99

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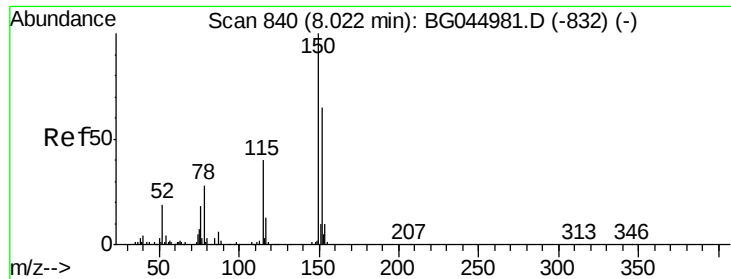
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	92796	22.297	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	51992	11.064	nq	93
44) 2,4,5-Trichlorophenol	13.14	196	59008	11.031	nq	98
46) 1,1'-Biphenyl	13.47	154	178736	11.371	nq	98
47) 2-Chloronaphthalene	13.51	162	138912	11.566	nq	96
48) 2-Nitroaniline	13.70	65	45058	11.402	nq	93
49) Acenaphthylene	14.35	152	240345	12.285	nq	96
50) Dimethylphthalate	14.08	163	211740	12.574	nq	99
51) 2,6-Dinitrotoluene	14.19	165	43718	11.607	nq #	91
52) Acenaphthene	14.69	154	174324m	13.170	nq	
53) 3-Nitroaniline	14.53	138	31906	7.724	nq	97
54) 2,4-Dinitrophenol	14.73	184	47066	21.015	nq	95
55) Dibenzofuran	15.03	168	240597	12.467	nq	99
56) 4-Nitrophenol	14.85	139	52891	16.513	nq	93
57) 2,4-Dinitrotoluene	14.99	165	64629	11.742	nq	93
58) Fluorene	15.68	166	202344	12.837	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	60681	12.749	nq #	96
60) Diethylphthalate	15.45	149	213899	12.184	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	106857	11.777	nq	100
62) 4-Nitroaniline	15.69	138	41712	9.735	nq	97
63) Azobenzene	15.97	77	206619	12.765	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	37959	11.152	nq	96
66) n-Nitrosodiphenylamine	15.89	169	178228	11.979	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	77069	11.536	nq	99
68) Hexachlorobenzene	16.69	284	81759	11.800	nq	97
69) Atrazine	16.83	200	75905	10.303	nq	97
70) Pentachlorophenol	17.03	266	86293	20.303	nq	98
71) Phenanthrene	17.42	178	331981	12.476	nq	99
72) Anthracene	17.51	178	348880	13.070	nq	98
73) Carbazole	17.78	167	308633	11.394	nq	97
74) Di-n-butylphthalate	18.35	149	389529	8.254	nq	98
75) Fluoranthene	19.43	202	425719	8.623	nq	96
77) Benzidine	19.61	184	116505	2.602	nq	98
78) Pyrene	19.79	202	430103	12.738	nq	95
80) Butylbenzylphthalate	20.68	149	164584	11.760	nq	97
81) Benzo(a)anthracene	21.62	228	384762	12.121	nq	94
82) 3,3'-Dichlorobenzidine	21.54	252	75927	6.009	nq	95
83) Chrysene	21.69	228	383049	12.559	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	240500	12.494	nq	97
85) Di-n-octyl phthalate	22.75	149	408427	12.270	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	476883	11.777	nq #	95
88) Benzo(b)fluoranthene	23.82	252	403976	11.943	nq	98
89) Benzo(k)fluoranthene	23.88	252	419569	13.043	nq	93
90) Benzo(a)pyrene	24.67	252	379411	11.880	nq	99
91) Dibenzo(a,h)anthracene	28.49	278	395008	12.275	nq	97
92) Benzo(g,h,i)perylene	29.54	276	397791	12.330	nq #	95

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



#1

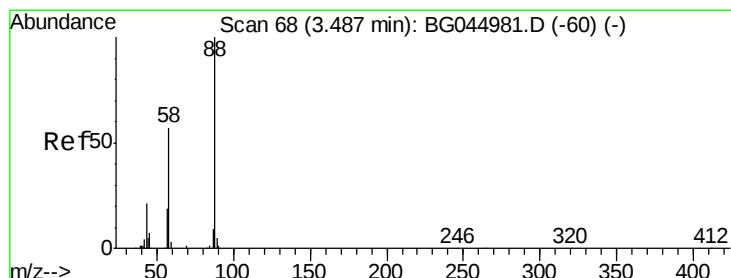
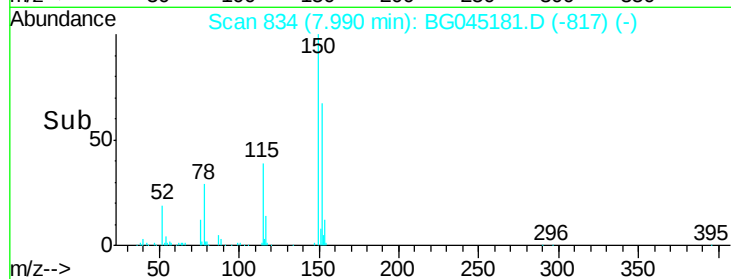
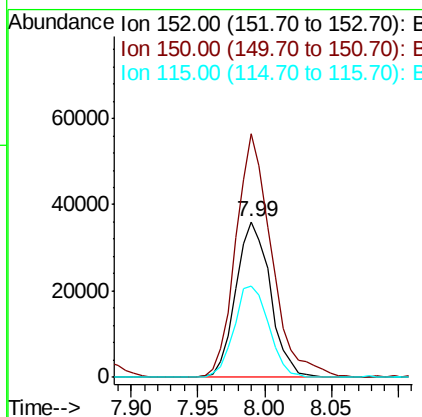
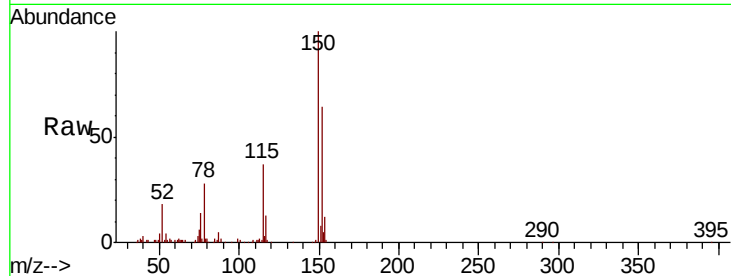
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.6	185.4
115	58.3	49.1	73.7

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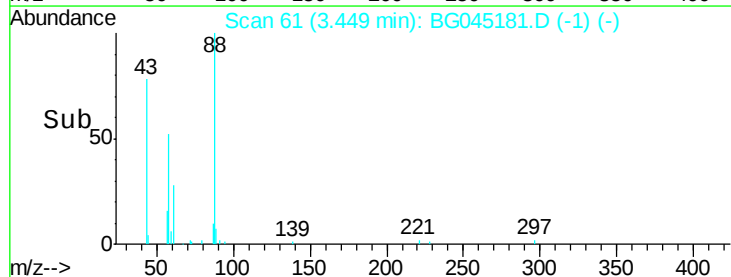
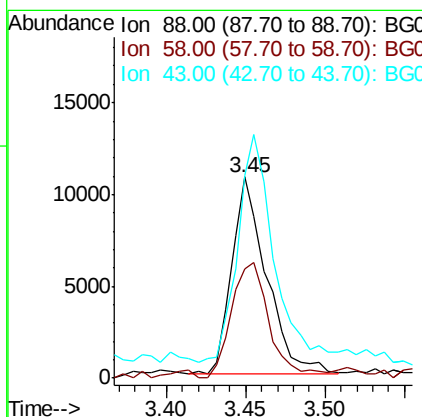
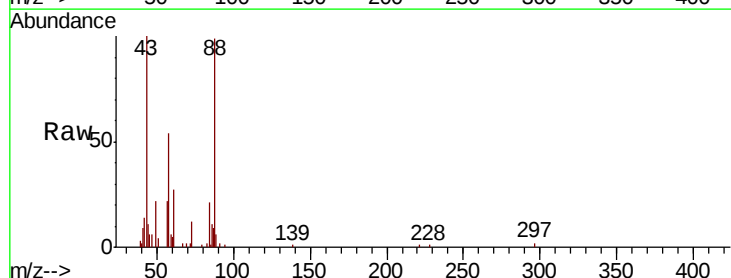
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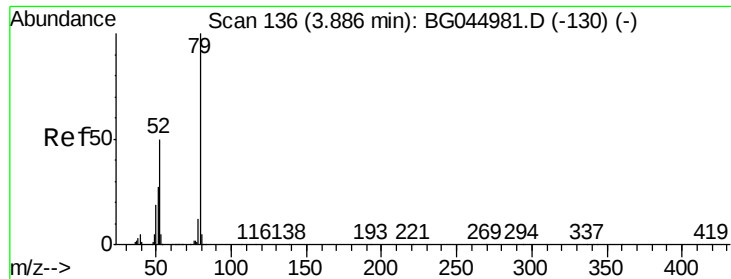


#2

1,4-Dioxane
Concen: 9.389 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	46.6	69.8
43	121.7	17.5	26.3#





#3

Pvridine

Concen: 3.374 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

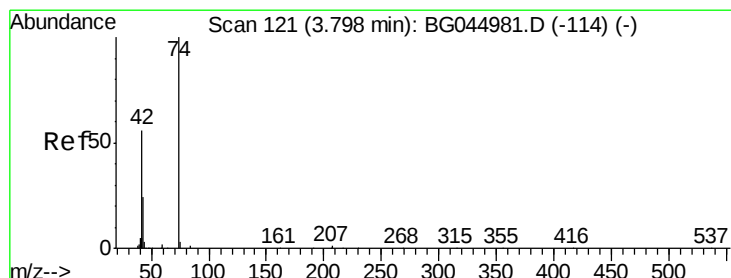
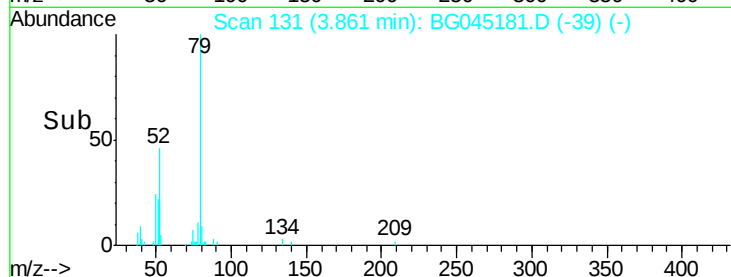
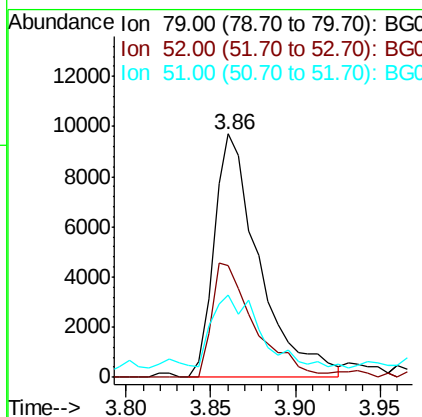
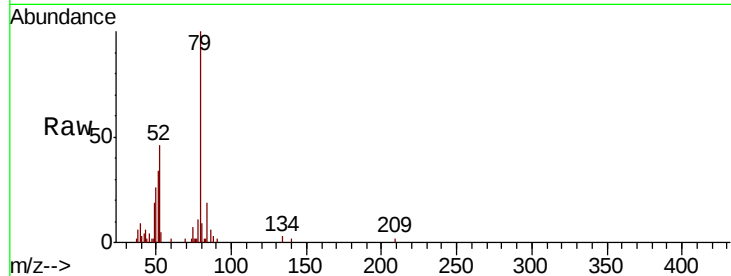
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	46.0		39.8	59.6	
51	34.0		21.4	32.2	

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#4

n-Nitrosodimethylamine

Concen: 10.054 ng

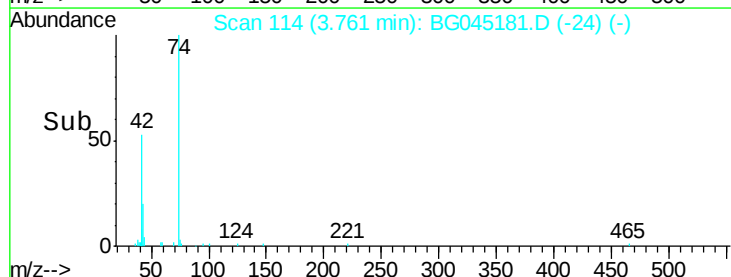
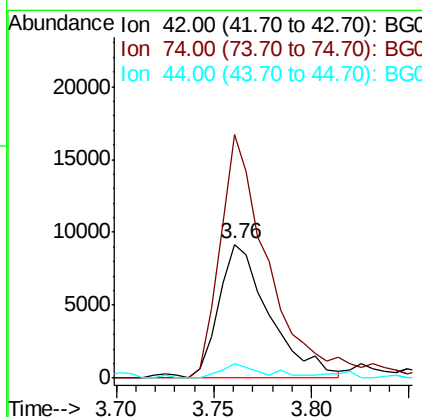
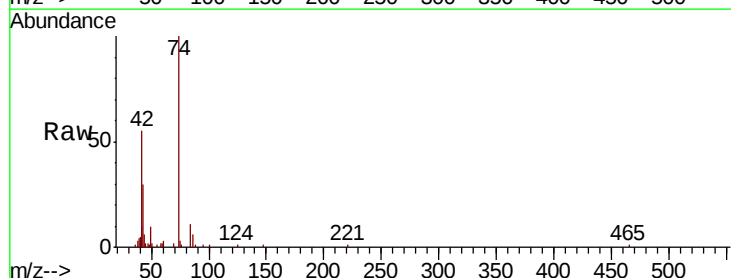
RT: 3.76 min Scan# 114

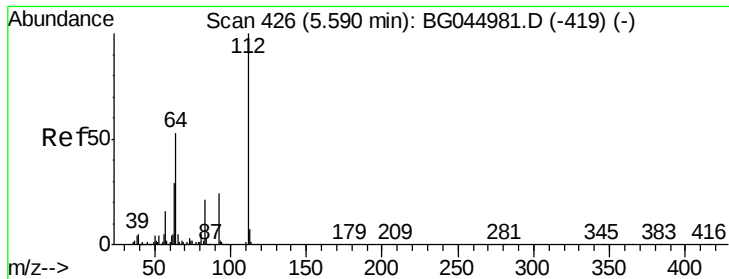
Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	182.3		143.0	214.6	
44	10.5		4.6	6.8	





#5

2-Fluorophenol

Concen: 30.864 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

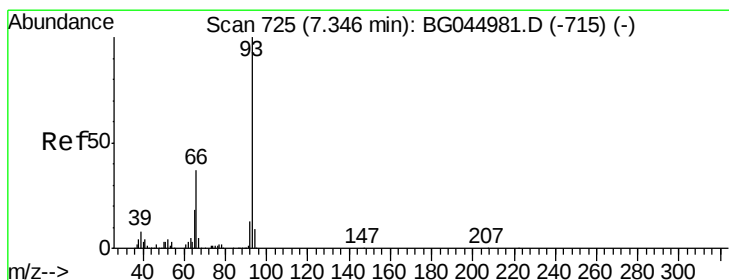
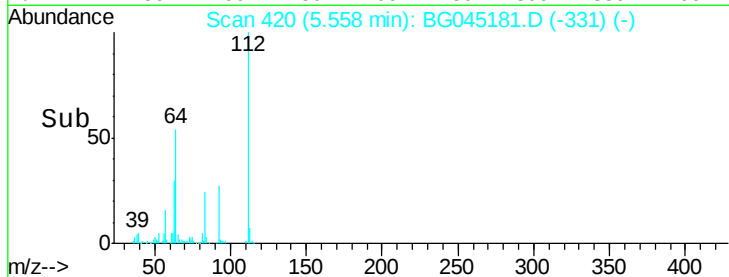
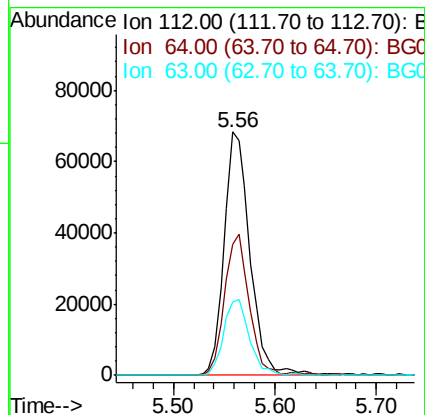
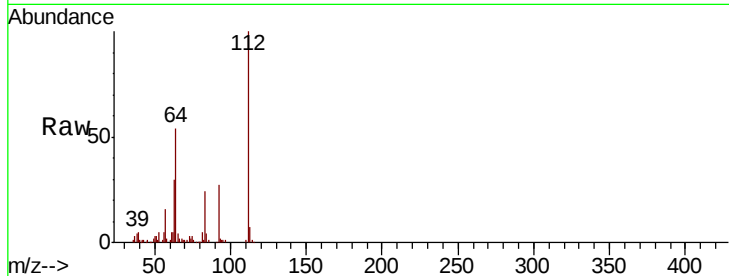
ClientSampleId :

TP-19AMS

Tot Ion:	112	Resp:	120586
Ion Ratio	Lower	Upper	
112	100		
64	53.8	42.4	63.6
63	30.0	23.1	34.7

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#6

Aniline

Concen: 6.265 ng

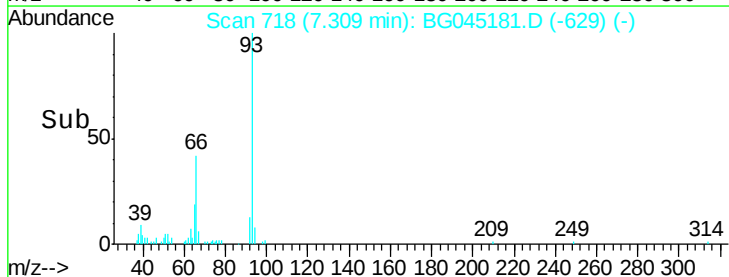
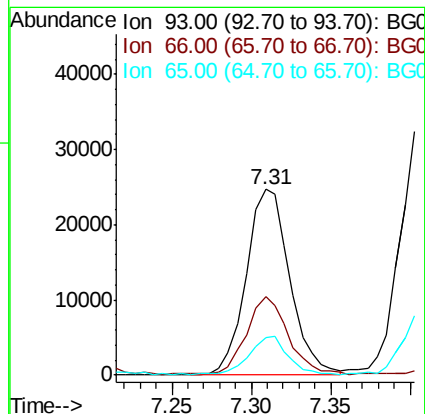
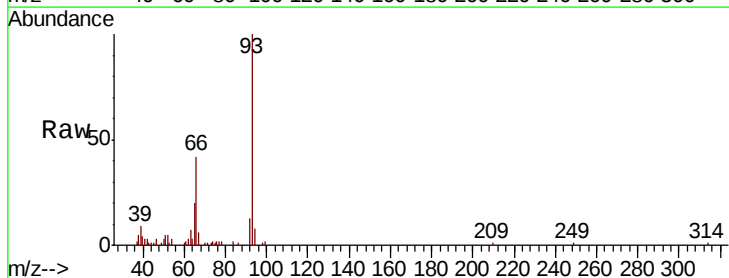
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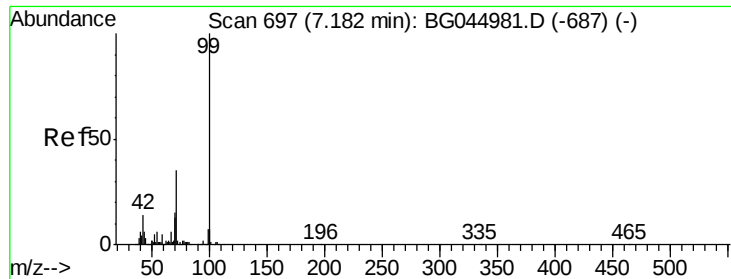
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	93	Resp:	47282
Ion Ratio	Lower	Upper	
93	100		
66	42.3	29.8	44.8
65	20.0	14.6	22.0





#7

Phenol-d6

Concen: 26.683 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

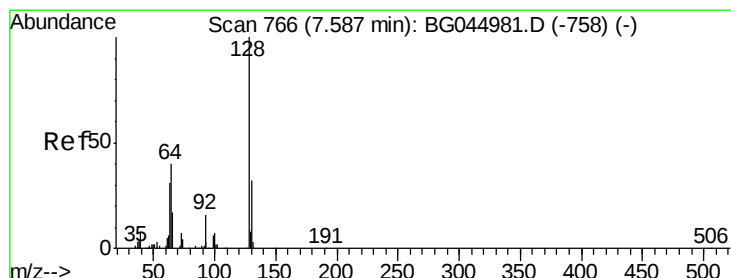
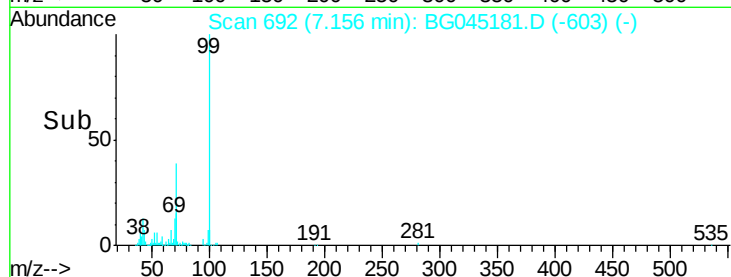
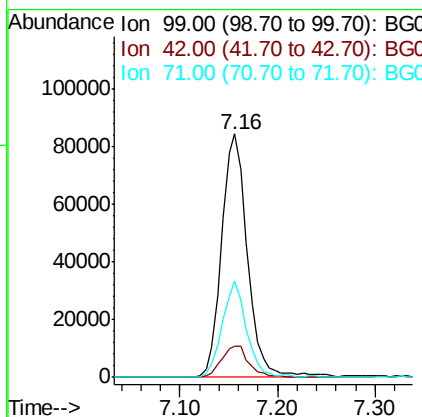
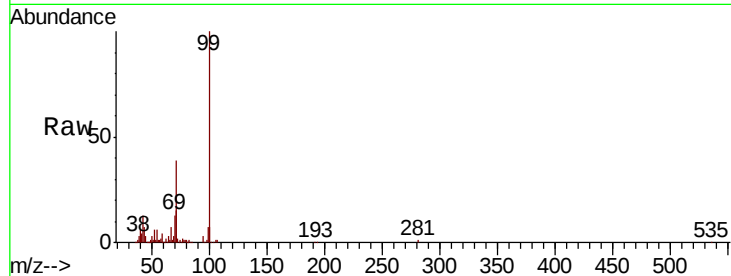
ClientSampleId :

TP-19AMS

Tot Ion:	99	Resp:	154890
Ion Ratio	Lower	Upper	
99	100		
42	13.0	11.3	16.9
71	39.4	28.3	42.5

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#8

2-Chlorophenol

Concen: 11.985 ng

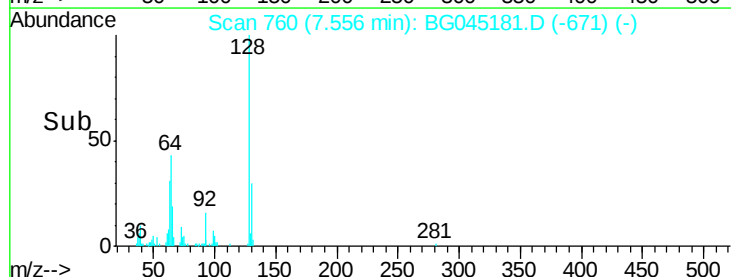
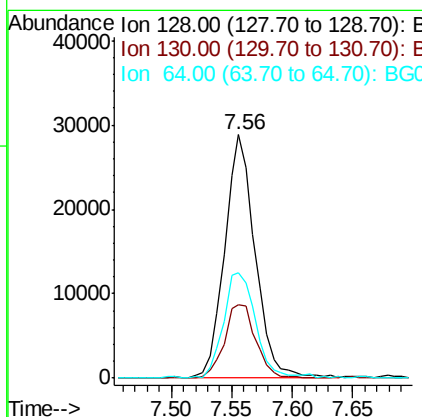
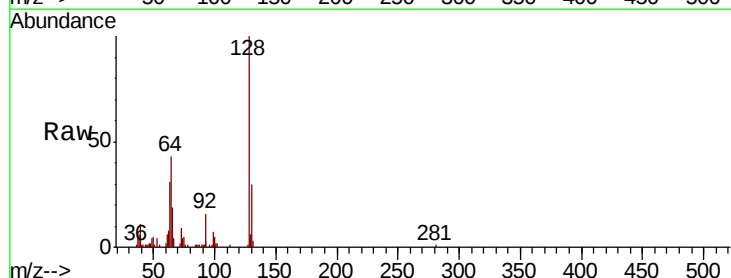
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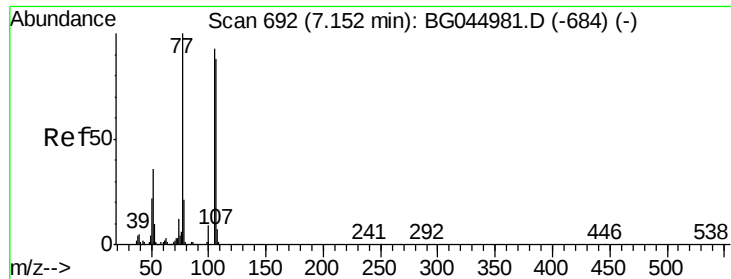
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	128	Resp:	50325
Ion Ratio	Lower	Upper	
128	100		
130	30.0	12.3	52.3
64	43.4	24.4	64.4





#9

Benzaldehyde

Concen: 2.753 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

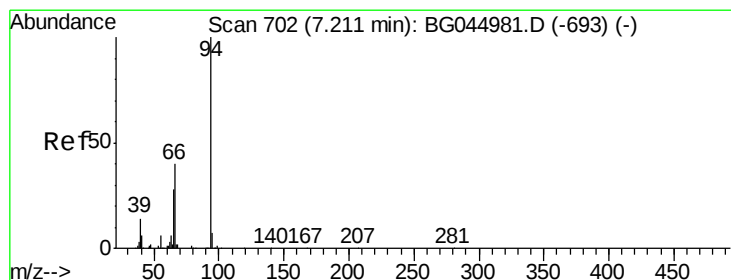
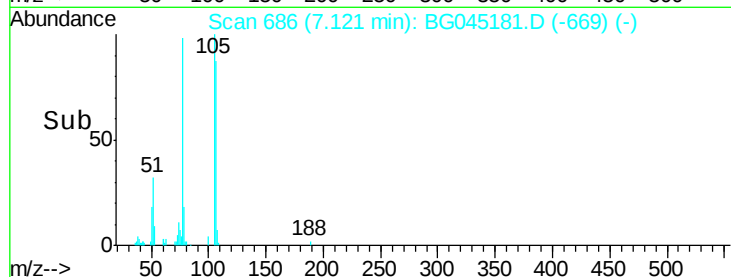
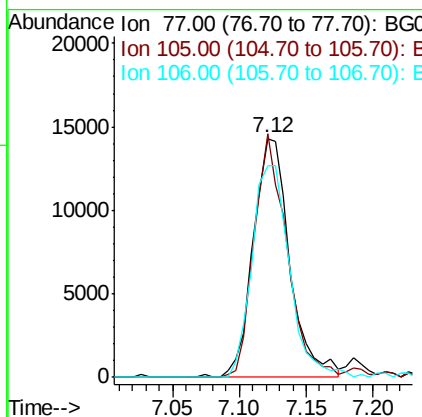
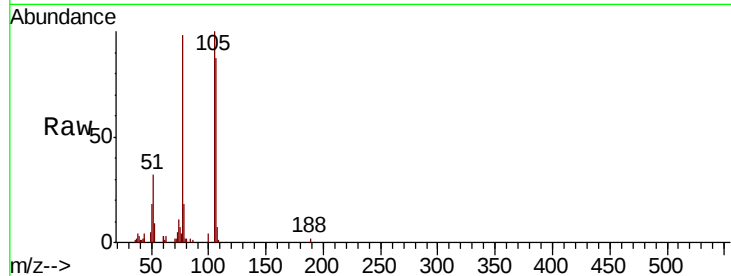
ClientSampleId :

TP-19AMS

Tot Ion:	77	Resp:	27039
Ion	Ratio	Lower	Upper
77	100		
105	102.1	72.9	112.9
106	89.0	67.6	107.6

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#10

Phenol

Concen: 9.609 ng

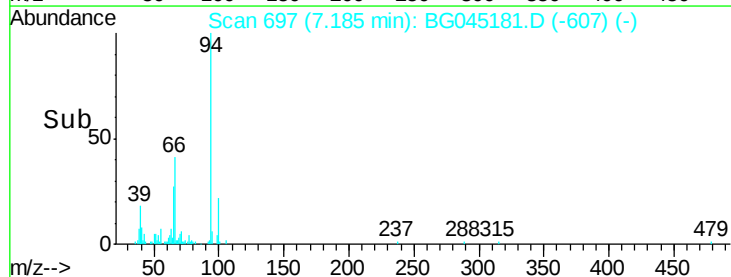
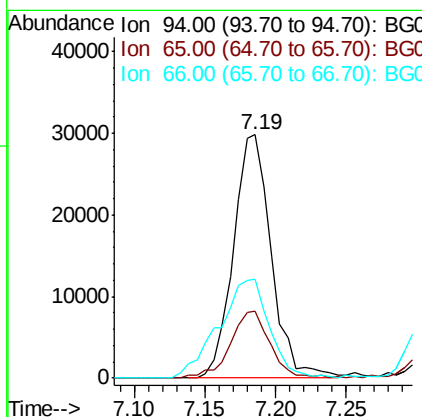
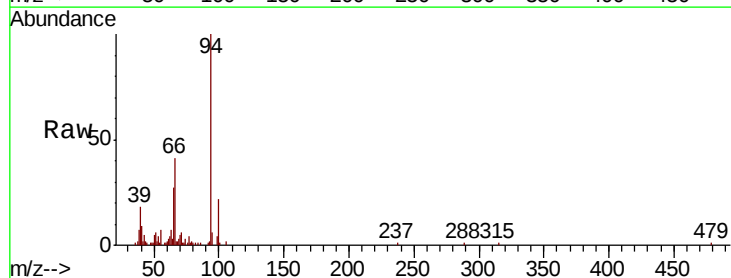
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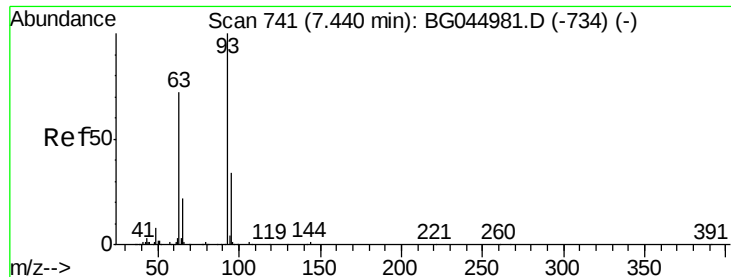
Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	94	Resp:	55817
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.2	48.2
66	40.5	20.4	60.4





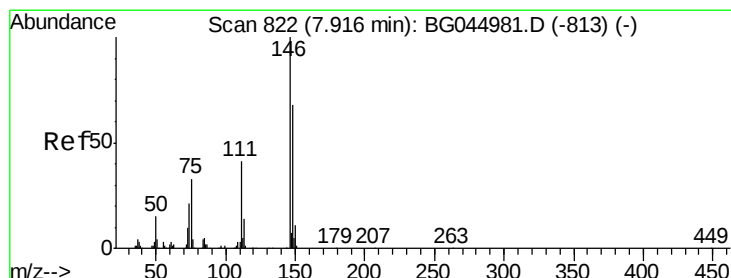
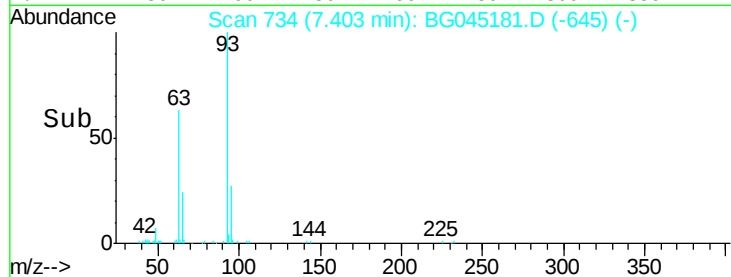
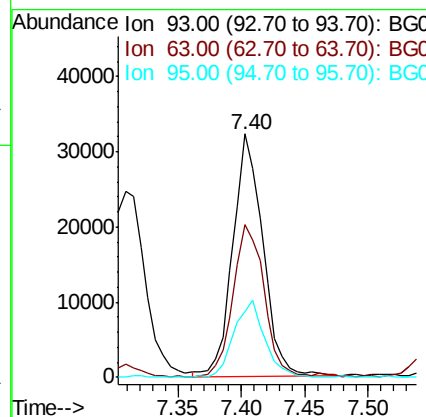
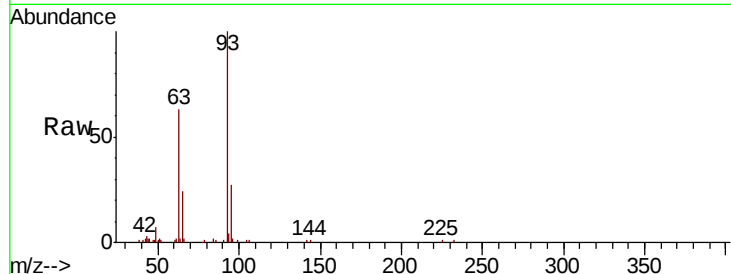
#11
bis(2-Chloroethyl)ether
Concen: 11.482 ng
RT: 7.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		53101		
63	62.9	51.8	91.8		
95	27.1	13.8	53.8		

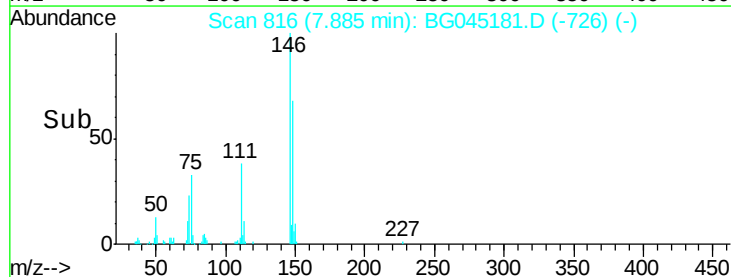
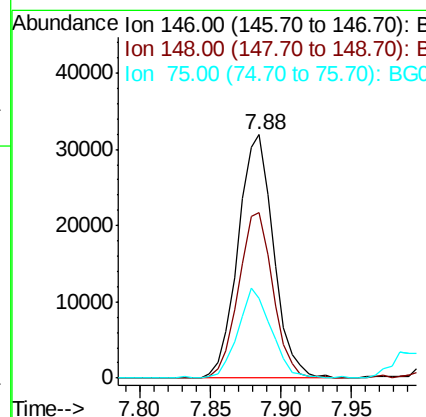
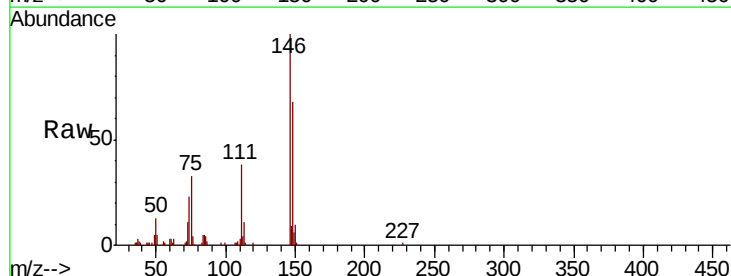
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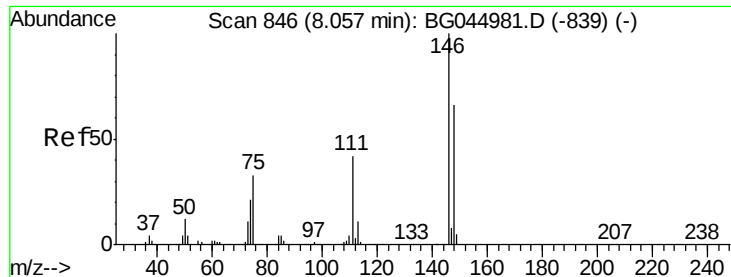
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#12
1,3-Dichlorobenzene
Concen: 11.327 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		56046		
148	68.1	54.6	81.8		
75	32.9	26.0	39.0		





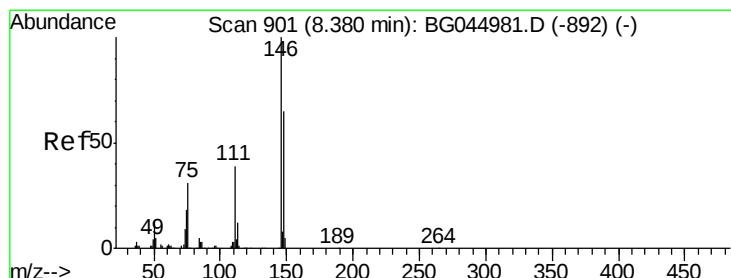
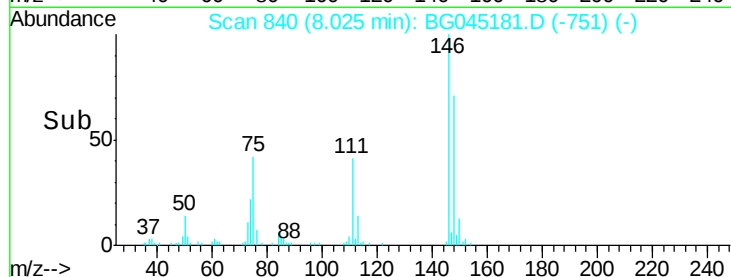
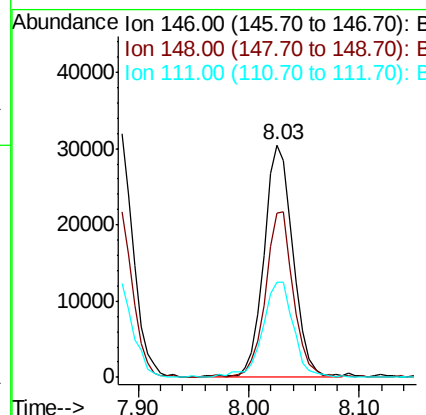
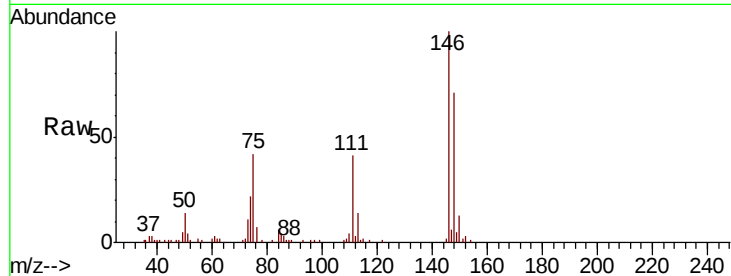
#13
 1,4-Dichlorobenzene
 Concen: 11.405 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.7	53.3	79.9
111	40.9	33.8	50.8

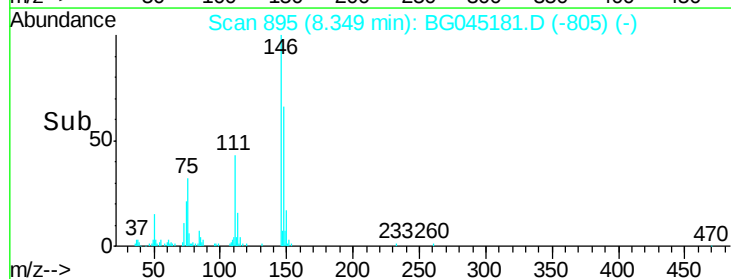
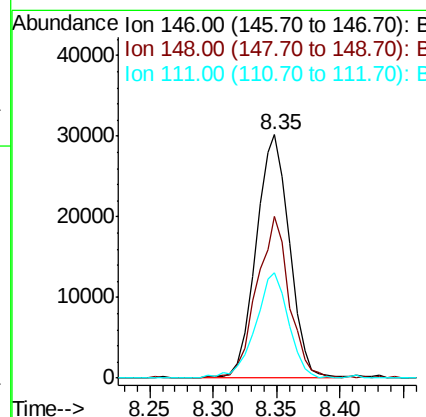
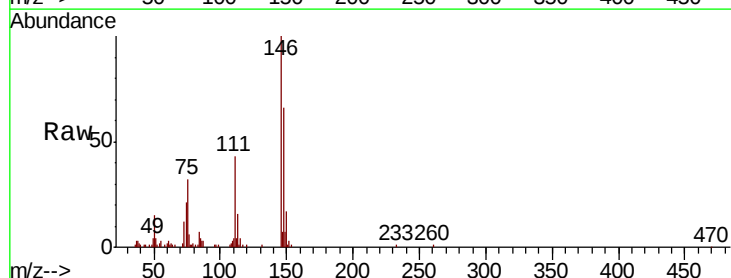
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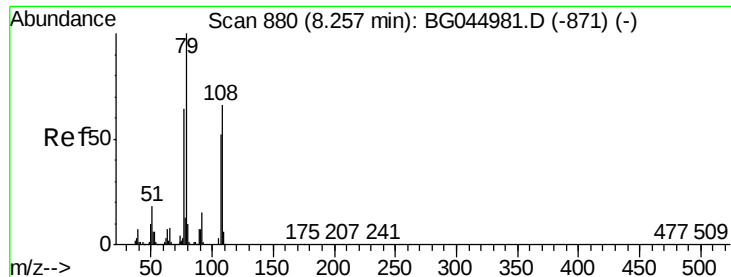
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#14
 1,2-Dichlorobenzene
 Concen: 11.689 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	43.1	31.3	46.9





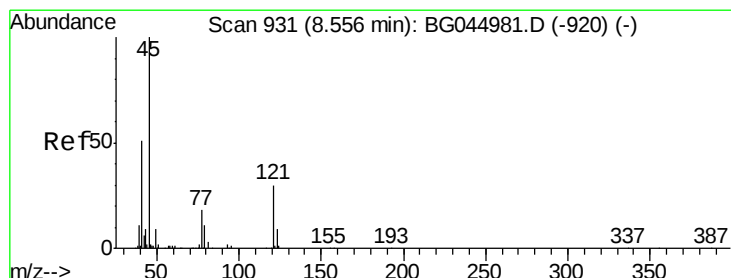
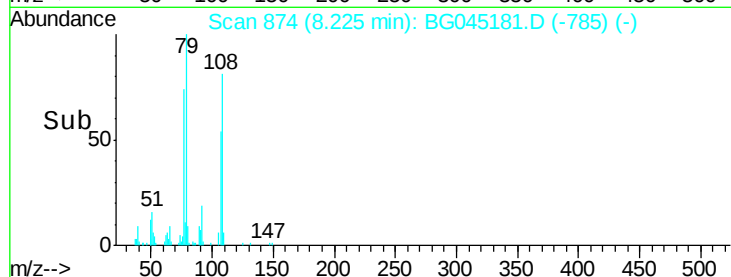
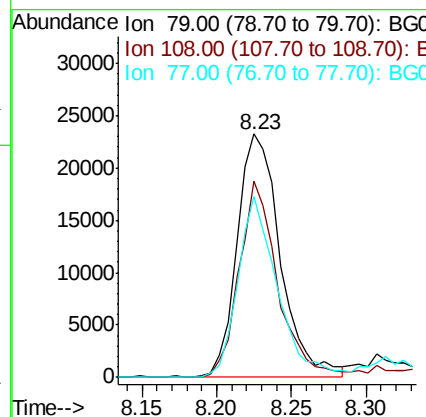
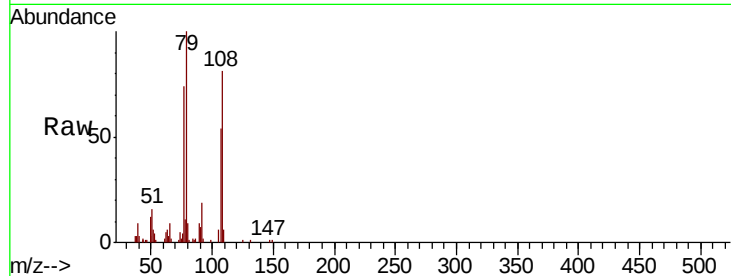
#15
Benzyl Alcohol
Concen: 9.621 ng
RT: 8.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	52.7	79.1#
77	74.3	51.3	76.9

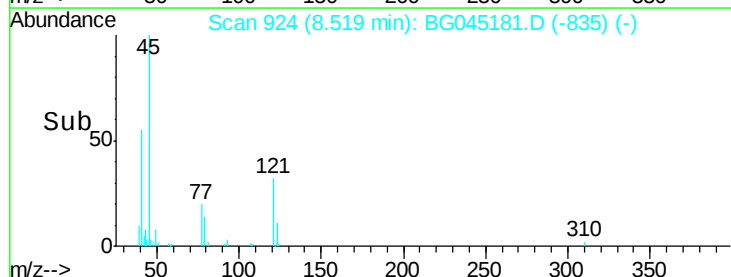
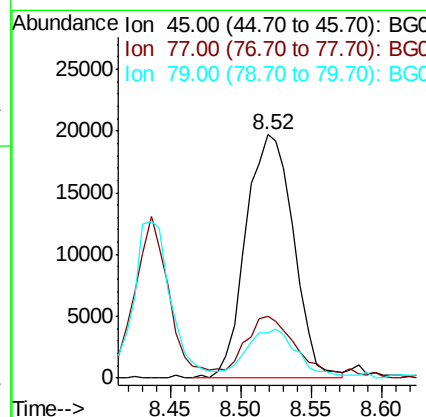
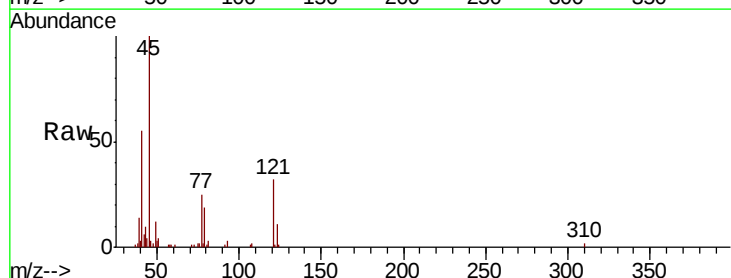
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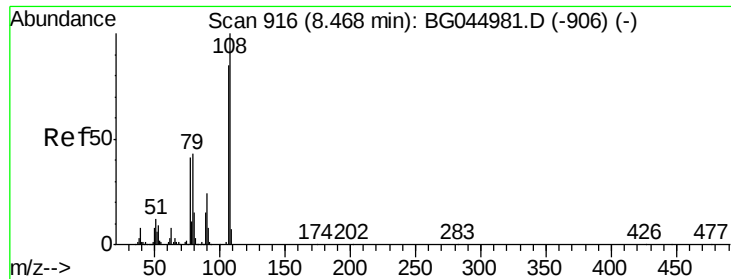
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.257 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.3	1.9	41.9
79	18.7	0.0	35.5





#17

2-Methylphenol

Concen: 9.433 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

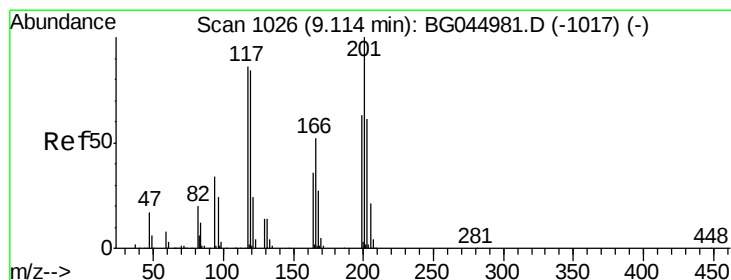
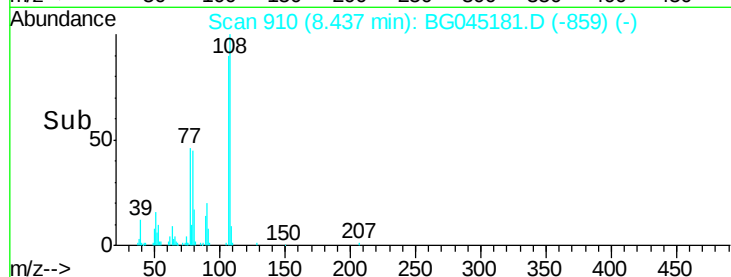
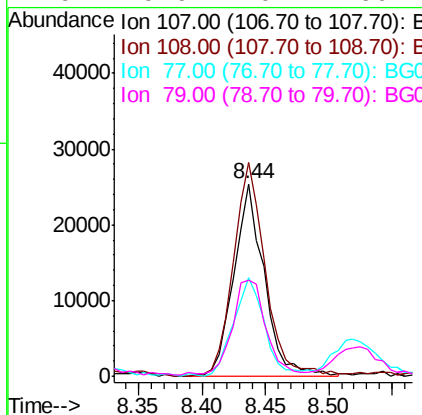
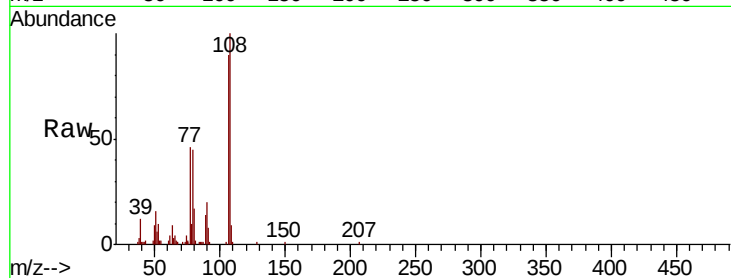
ClientSampleId :

TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	42277		
108	110.9	93.8	140.6	
77	51.3	38.5	57.7	
79	49.9	40.1	60.1	

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#18

Hexachloroethane

Concen: 11.570 ng

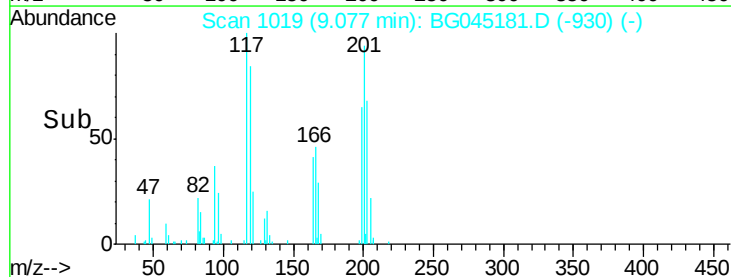
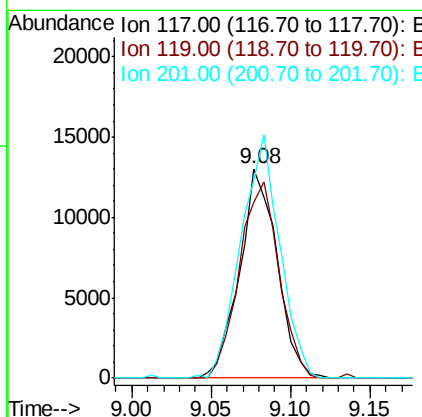
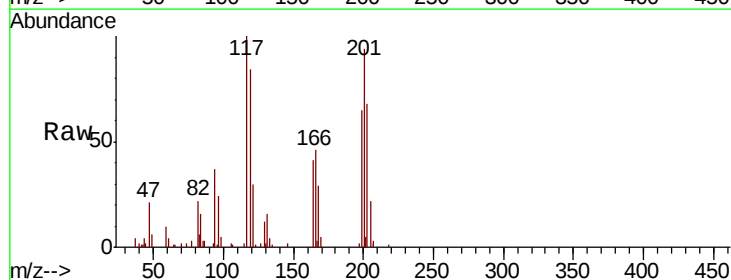
RT: 9.08 min Scan# 1019

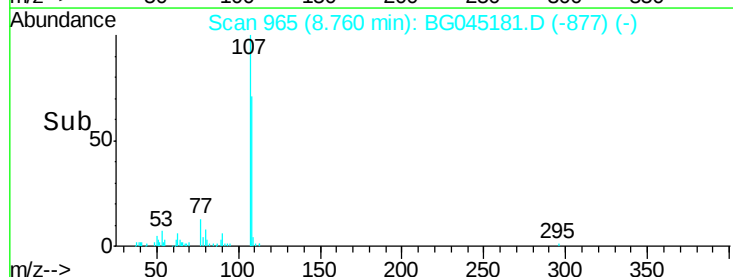
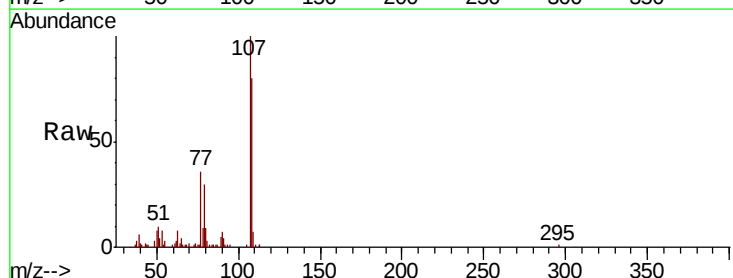
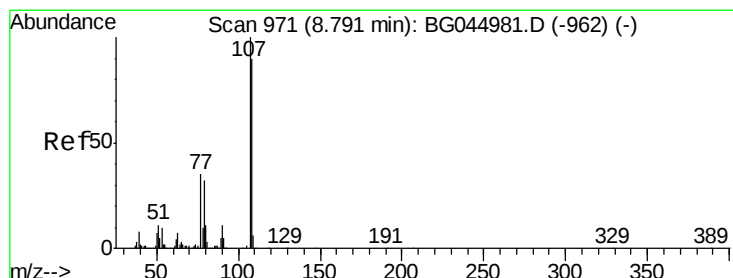
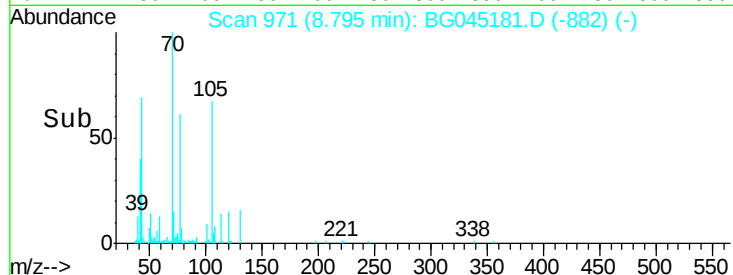
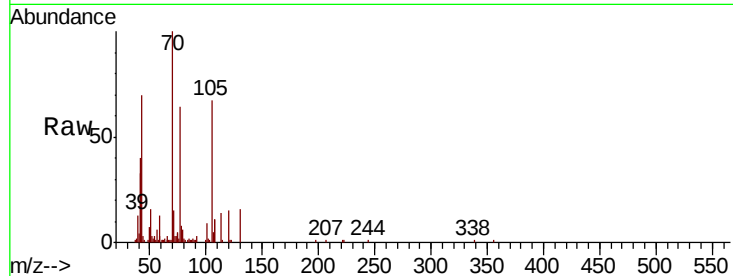
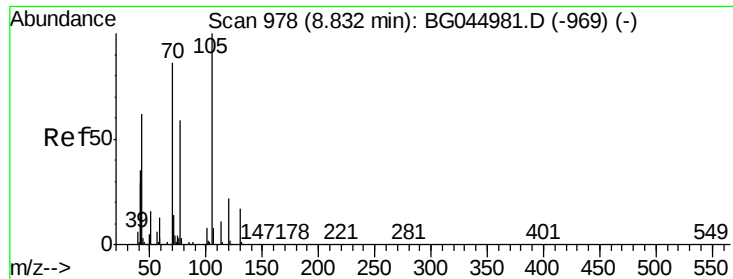
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

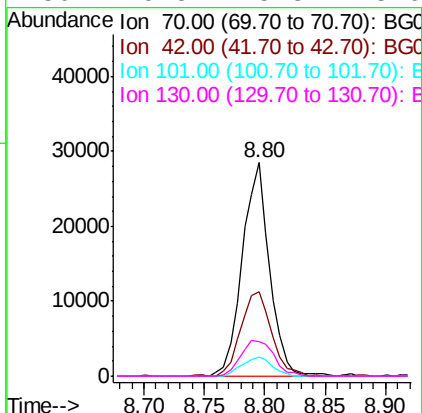
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21444		
119	84.2	78.3	117.5	
201	94.2	92.9	139.3	





#19
n-Nitroso-di-n-propylamine
Concen: 10.951 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
44954	70	100			
	42	39.8		33.3	49.9
	101	9.1		7.8	11.8
	130	16.3		15.8	23.6



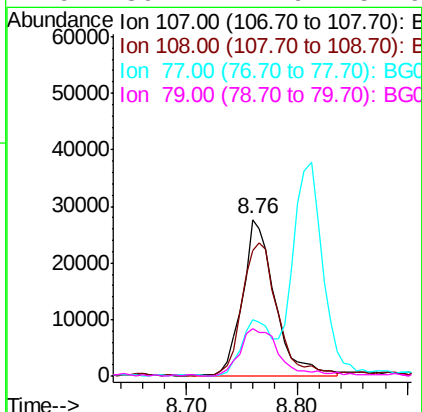
Instrument :
BNA_G
ClientSampleId :
TP-19AMS

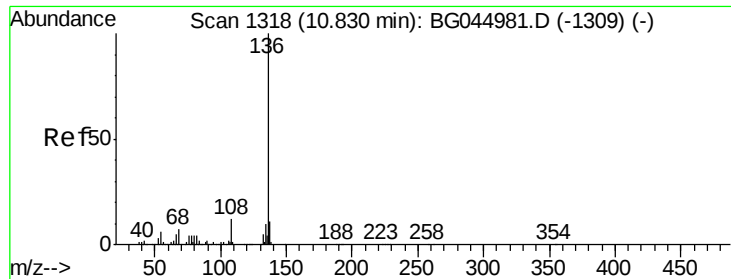
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#20
3+4-Methylphenols
Concen: 9.149 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57395	107	100			
	108	80.3		69.9	109.9
	77	36.1		15.2	55.2
	79	30.2		11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

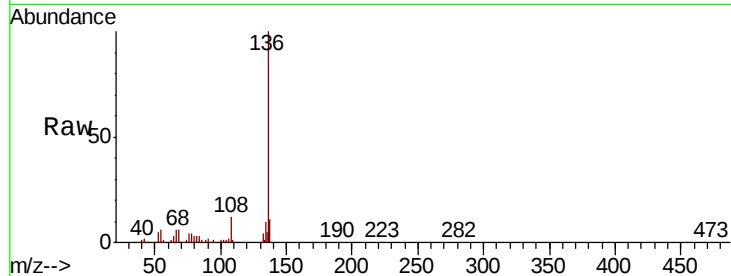
ClientSampleId :

TP-19AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		255846		
137	11.0		8.6	13.0	
54	6.4		4.8	7.2	
68	6.0		5.2	7.8	

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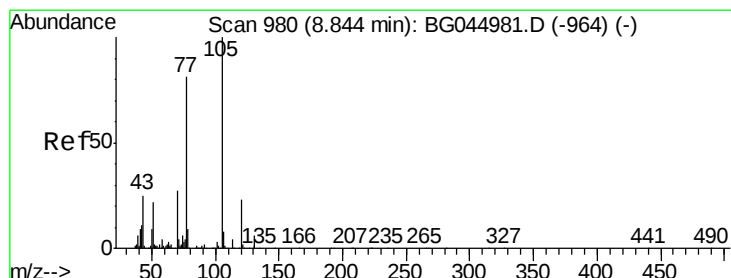
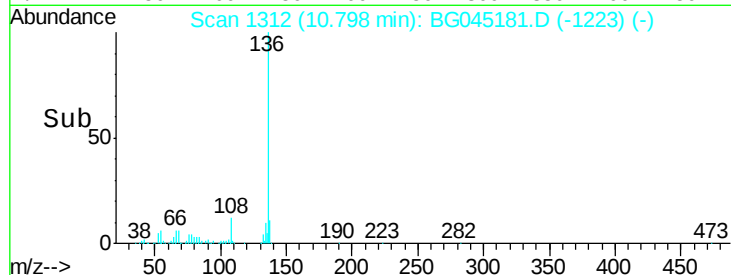
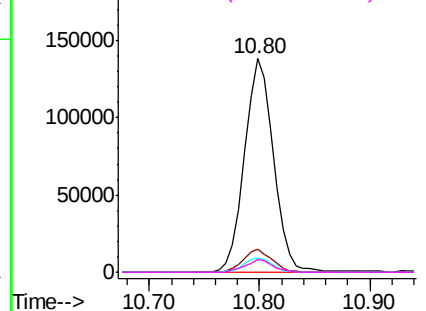
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 11.778 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		81489		
71	2.1		3.3	4.9#	
51	21.6		17.3	25.9	
120	22.0		18.4	27.6	

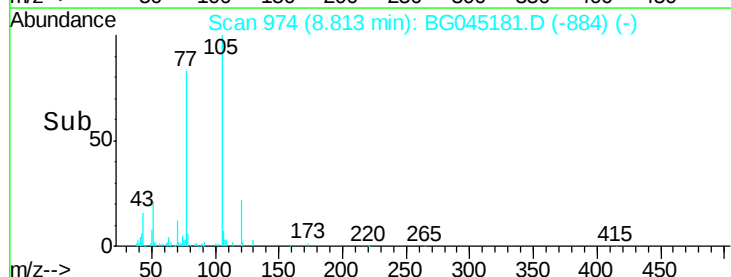
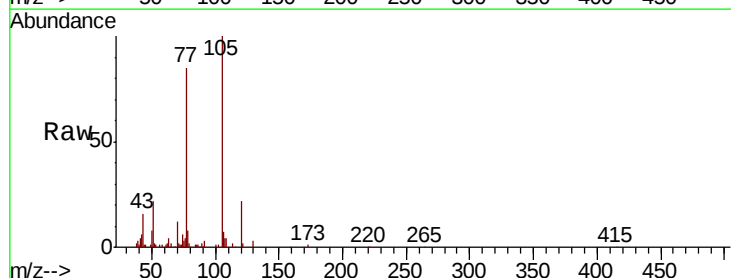
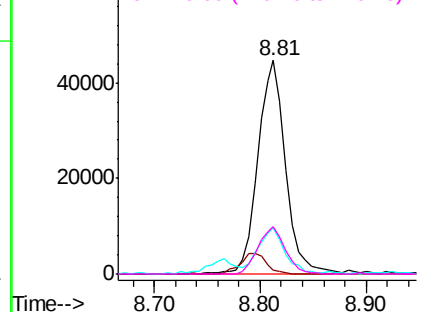
Abundance

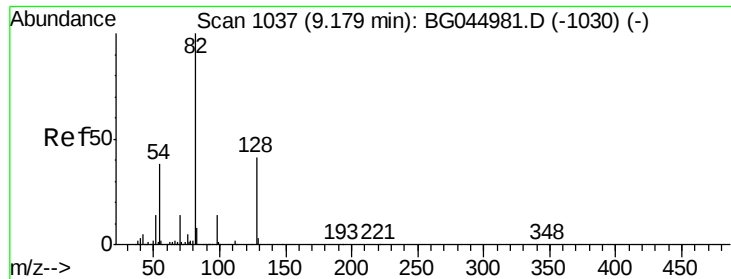
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





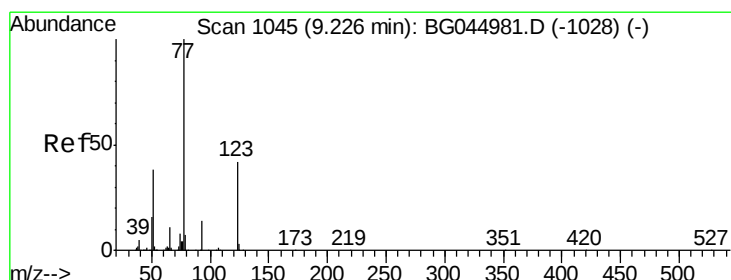
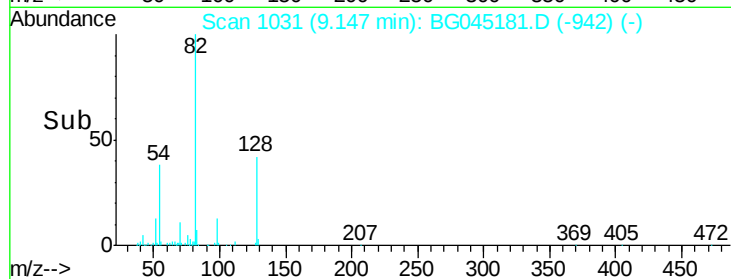
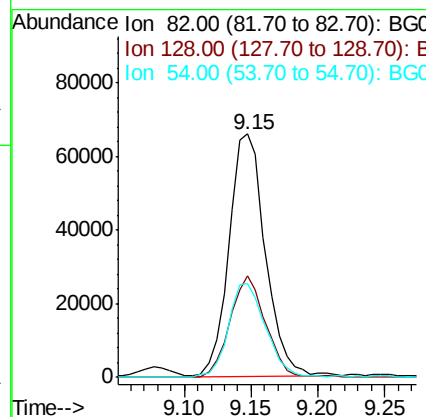
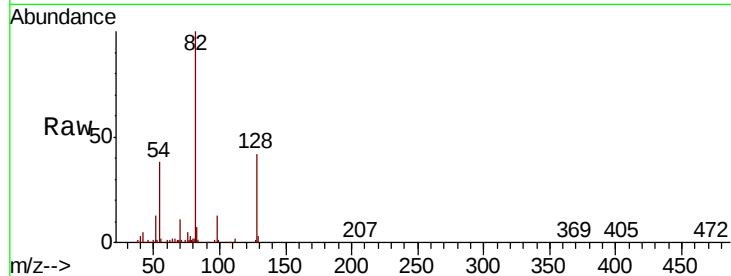
#23
Nitrobenzene-d5
Concen: 22.365 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	38.3	30.4	45.6

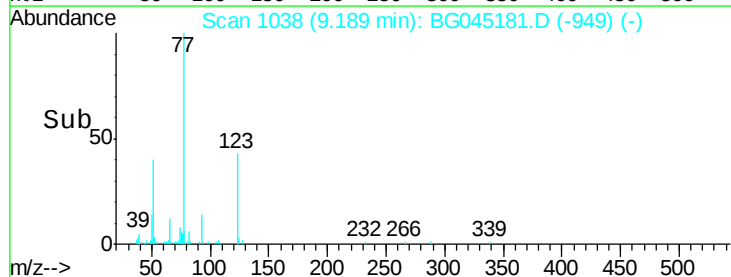
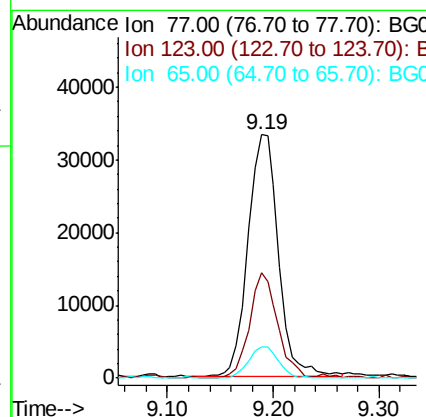
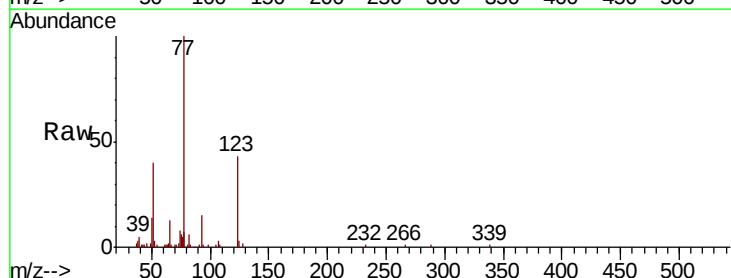
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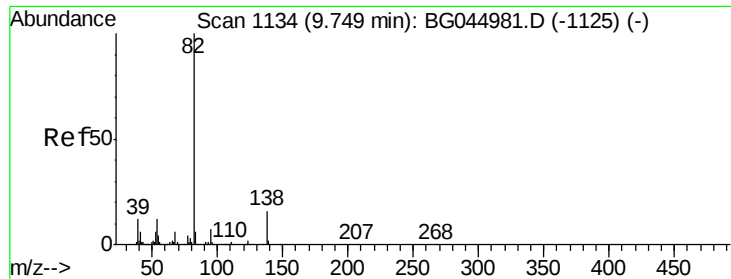
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#24
Nitrobenzene
Concen: 11.574 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.3	51.5
65	13.0	8.9	13.3





#25

Isophorone

Concen: 11.738 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

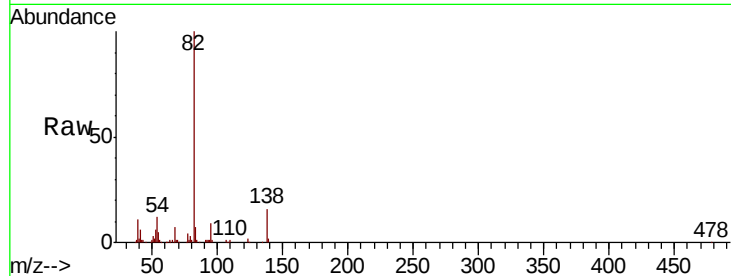
ClientSampleId :

TP-19AMS

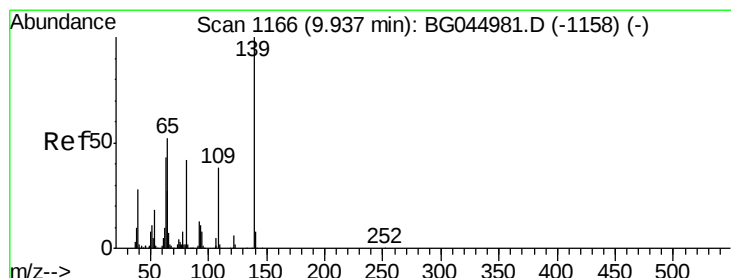
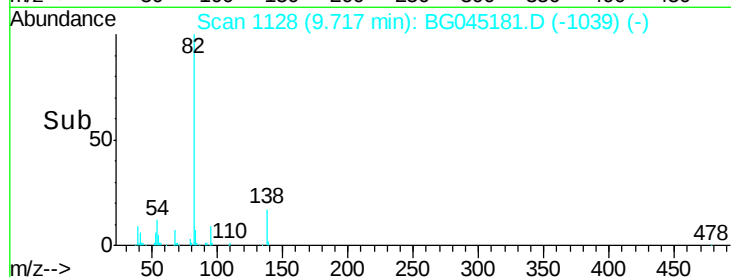
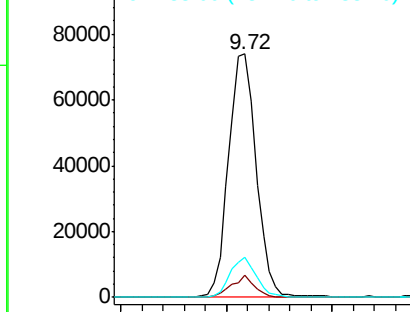
Tot Ion:	82	Resp:	134784
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.0	9.0#
138	16.3	12.7	19.1

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 11.120 ng

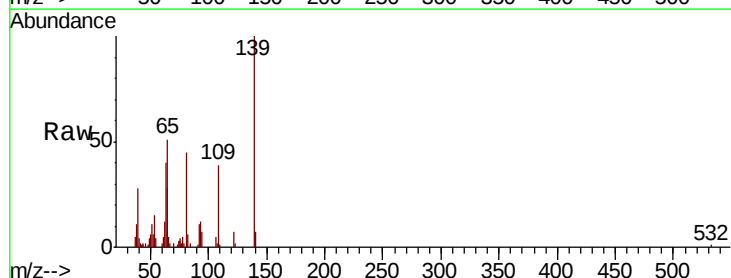
RT: 9.91 min Scan# 1160

Delta R.T. -0.01 min

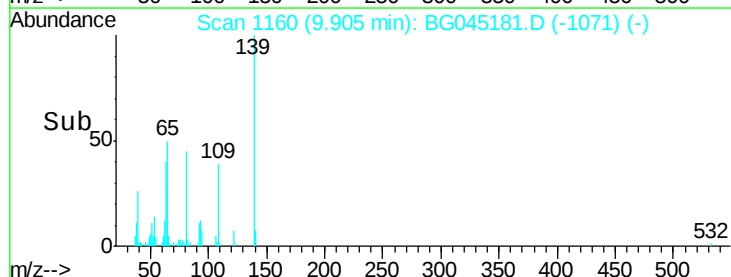
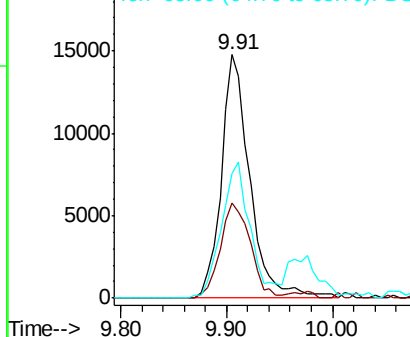
Lab File: BG045181.D

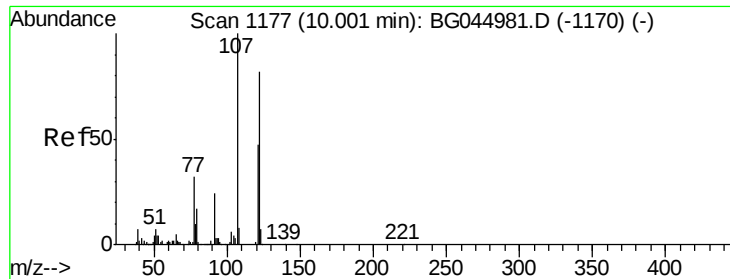
Acq: 27 Apr 2020 16:34

Tgt Ion:	139	Resp:	27529
Ion Ratio	Lower	Upper	
139	100		
109	39.3	30.6	45.8
65	51.3	41.8	62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





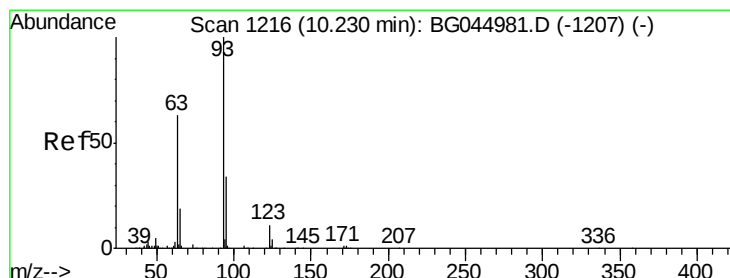
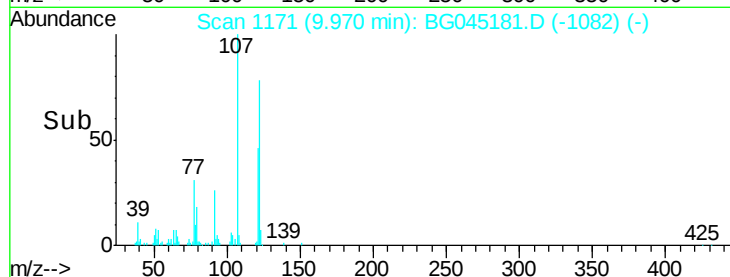
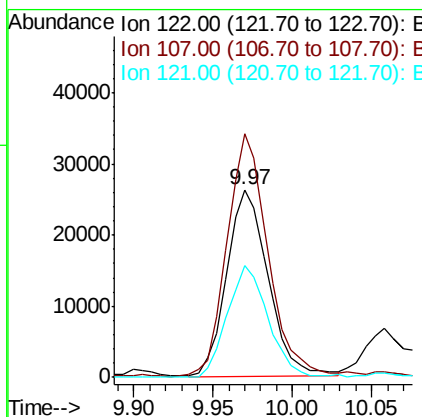
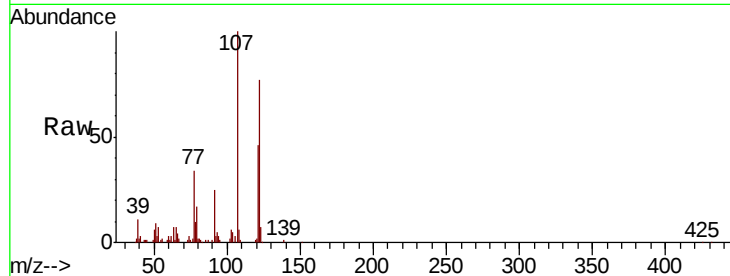
#27
2,4-Dimethylphenol
Concen: 12.115 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.8	96.8	145.2
121	59.4	45.6	68.4

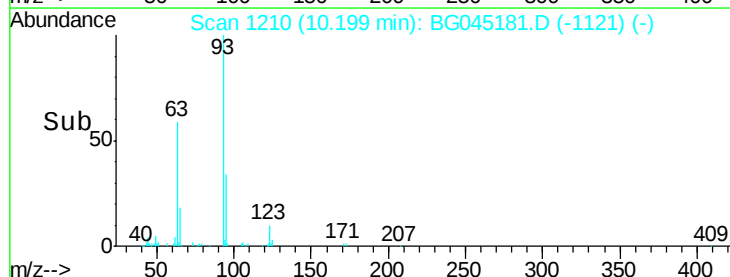
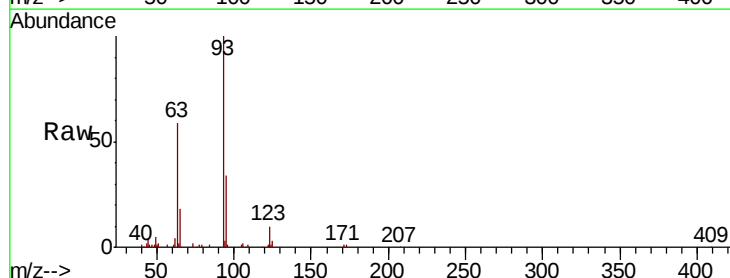
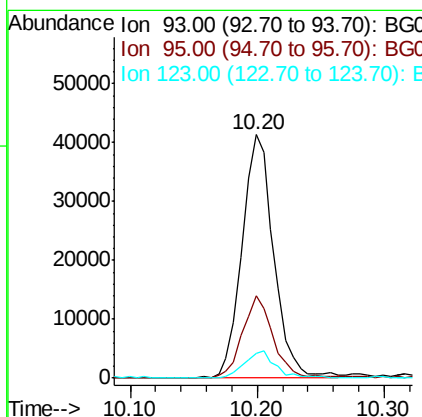
Manual Integrations
APPROVED

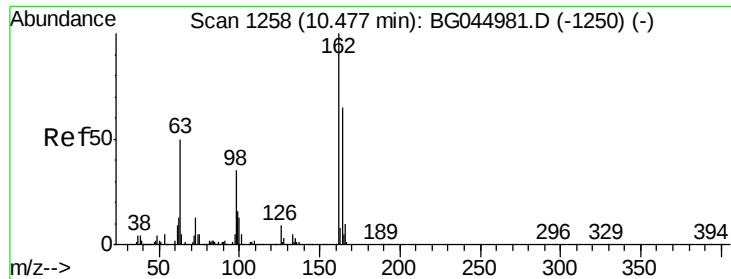
mohammad
4/28/2020 11:08:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 11.883 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	10.3	8.7	13.1





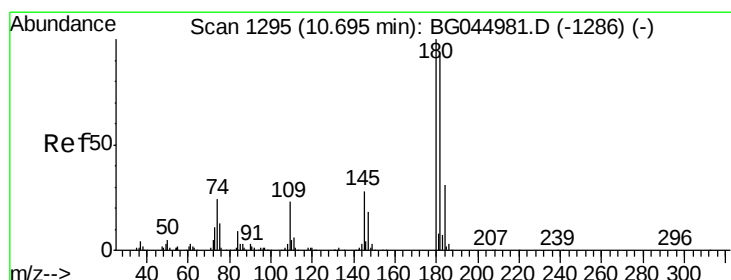
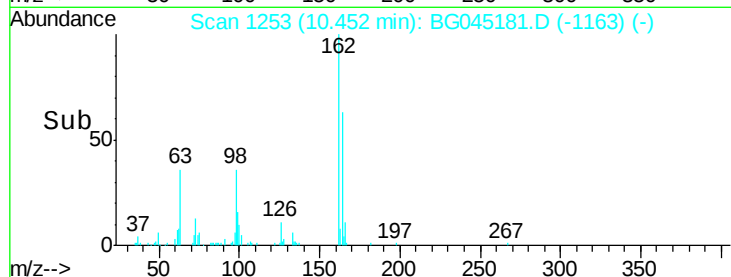
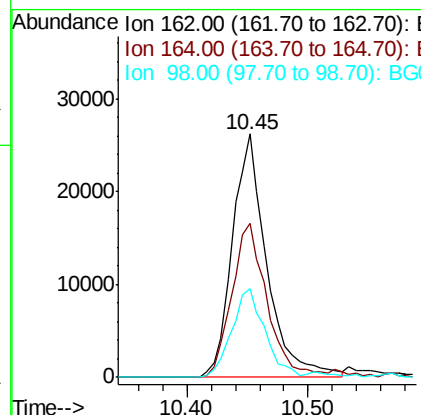
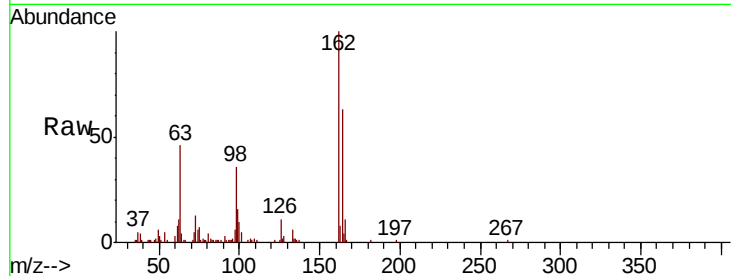
#29
 2,4-Dichlorophenol
 Concen: 11.393 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	51678		
164	63.5	45.0	85.0	
98	36.5	15.2	55.2	

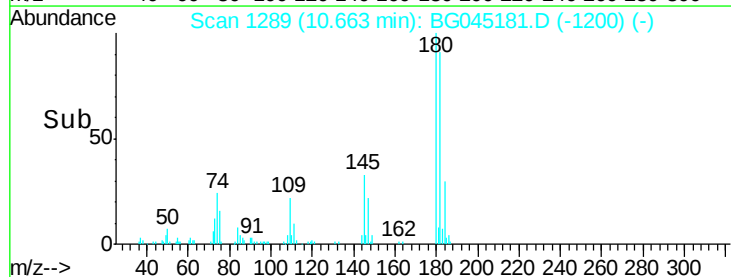
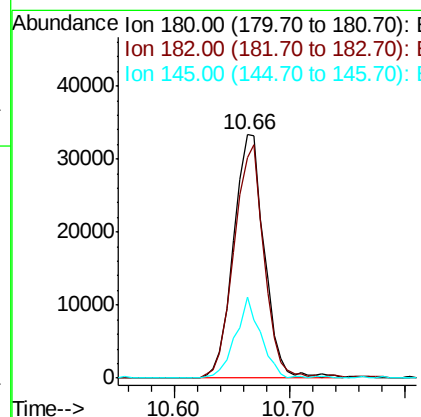
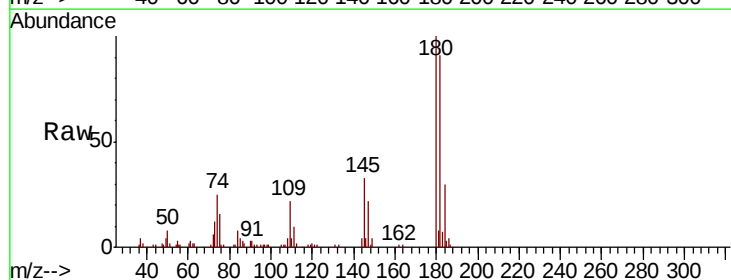
Manual Integrations
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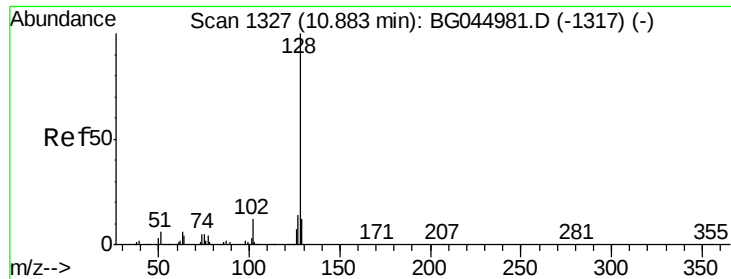
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 12.055 ng
 RT: 10.66 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61911		
182	90.7	73.3	109.9	
145	33.0	22.6	33.8	





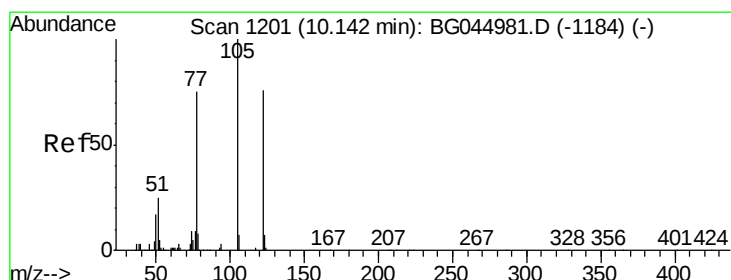
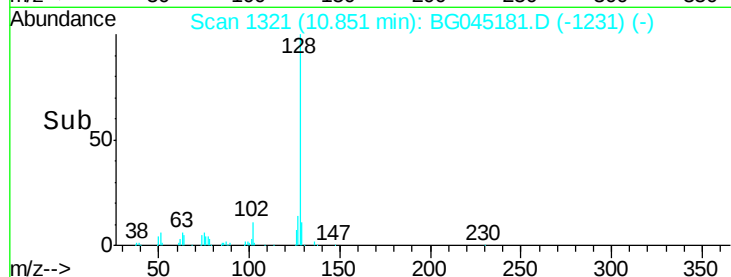
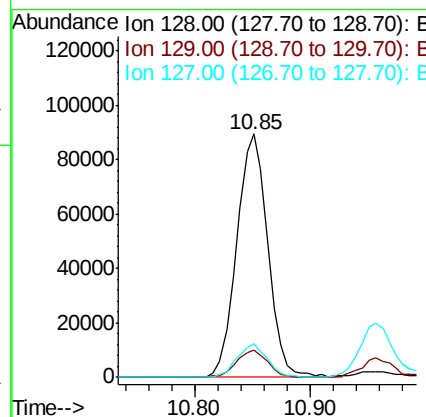
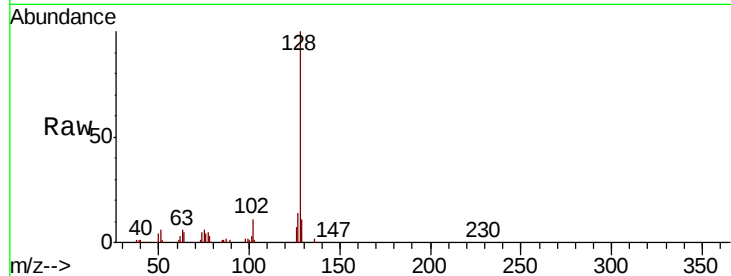
#31
Naphthalene
Concen: 11.890 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	166412		
129	11.2		9.4	14.2
127	13.7		10.8	16.2

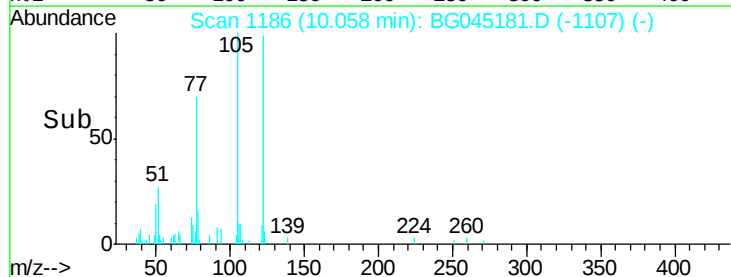
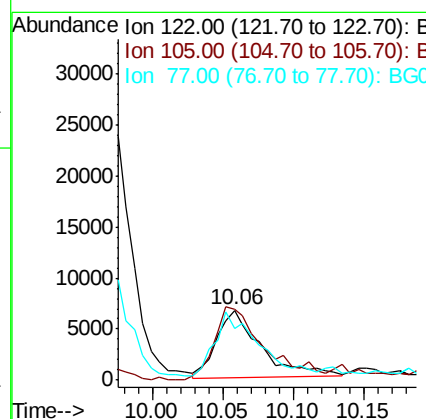
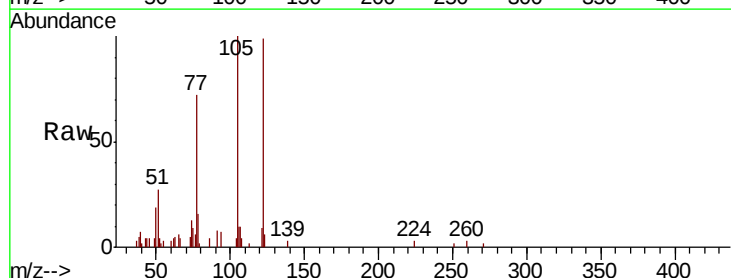
Manual Integrations
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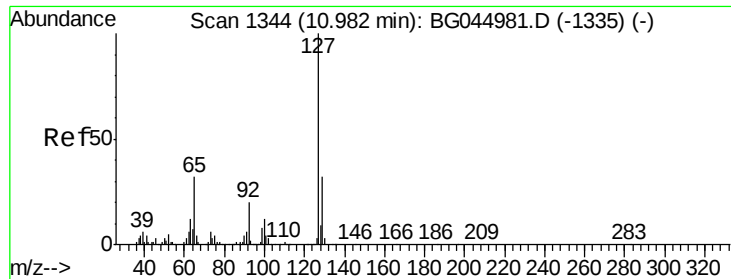
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#32
Benzoic acid
Concen: 10.281 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.06 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14297		
105	101.4		108.4	148.4#
77	73.4		78.8	118.8#





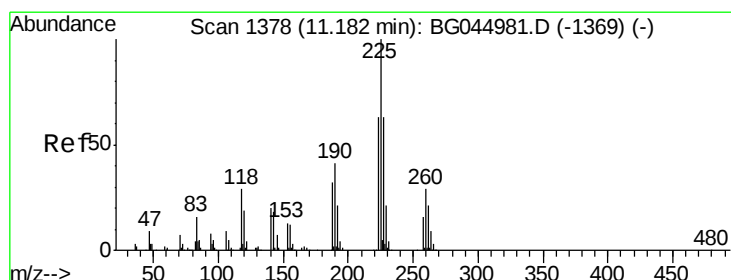
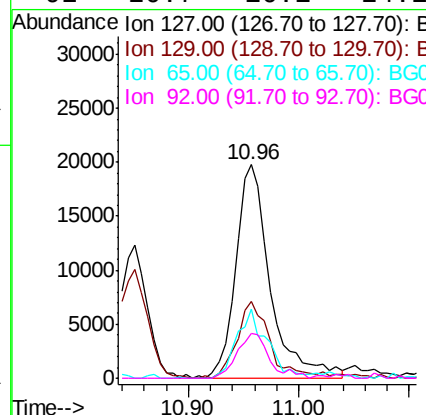
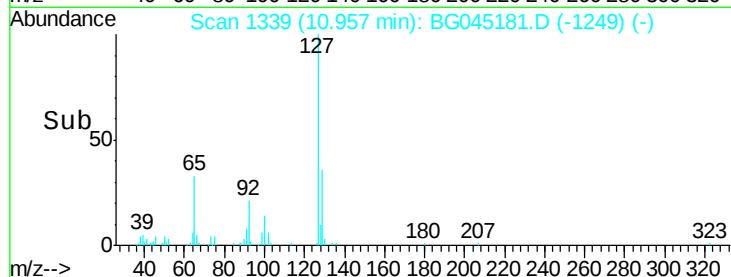
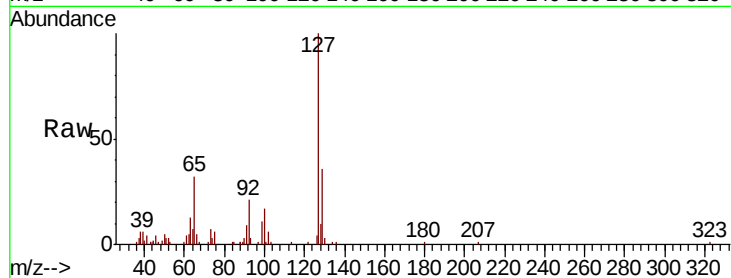
#33
4-Chloroaniline
Concen: 6.634 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		43302		
129	35.7	25.7	38.5		
65	32.2	25.4	38.2		
92	20.7	16.1	24.1		

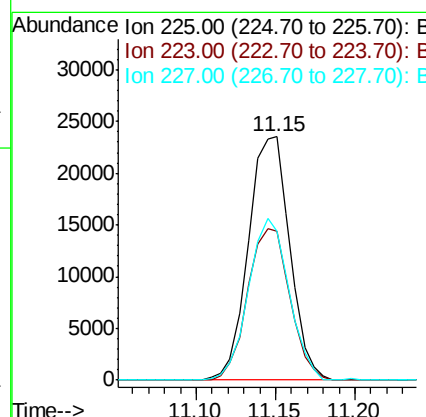
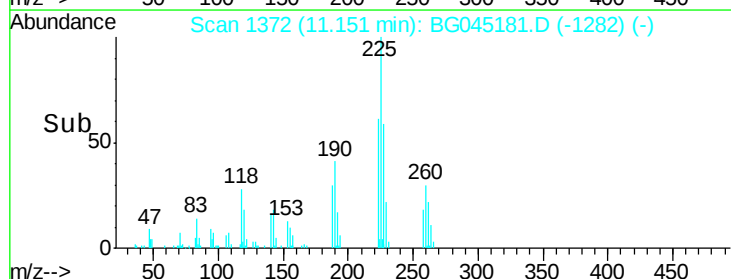
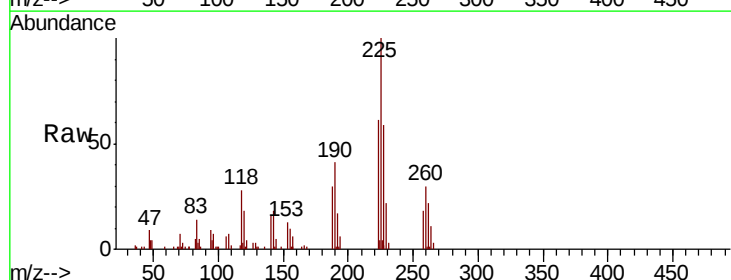
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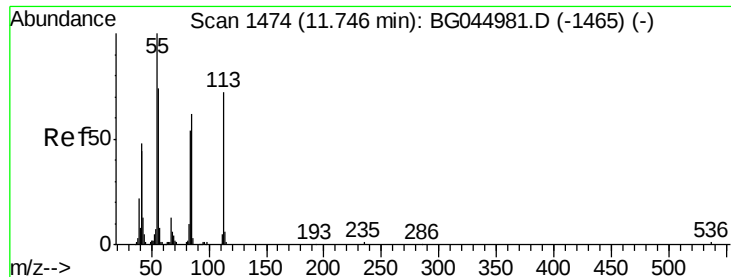
mohammad
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#34
Hexachlorobutadiene
Concen: 12.117 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		42663		
223	61.3	50.7	76.1		
227	61.1	50.2	75.2		





#35

Caprolactam

Concen: 8.458 ng

RT: 11.71 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

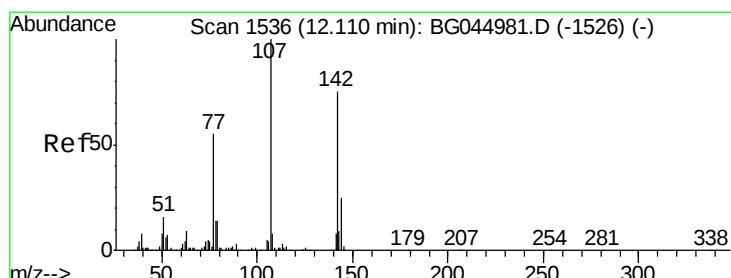
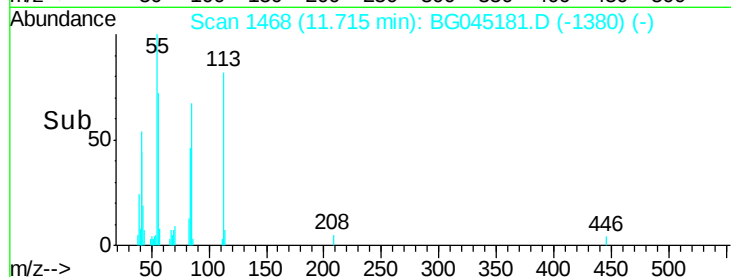
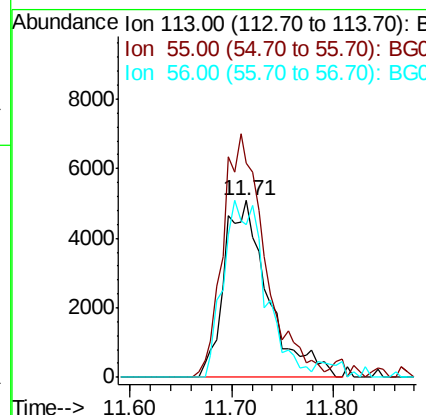
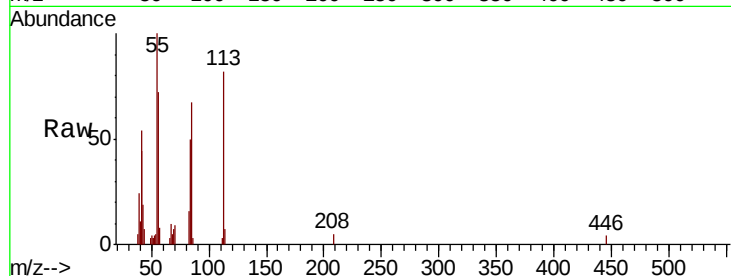
ClientSampleId :

TP-19AMS

Tot Ion:	113	Resp:	15269
Ion Ratio	Lower	Upper	
113	100		
55	121.3	118.8	158.8
56	86.7	82.6	122.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 12.416 ng

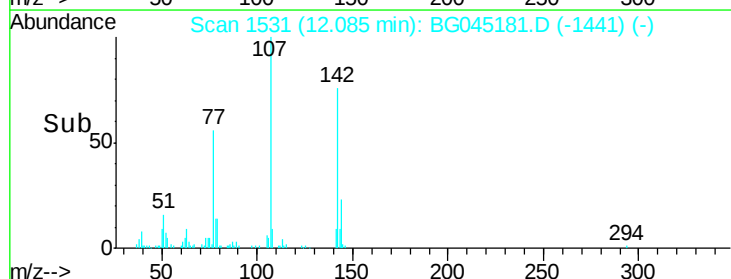
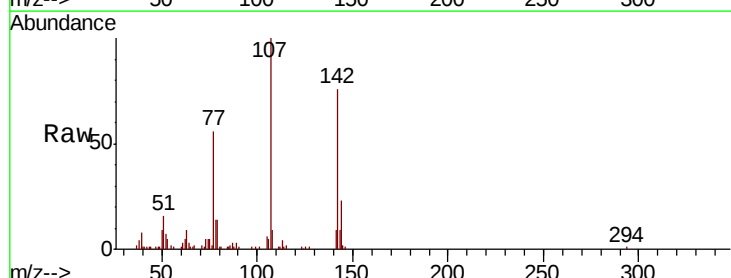
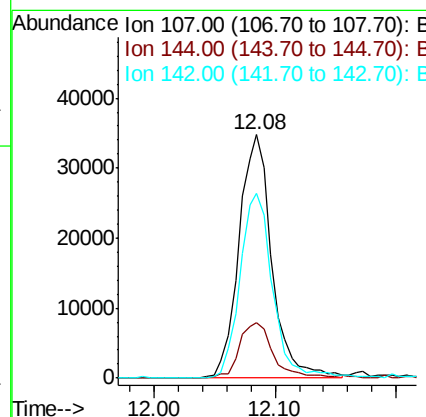
RT: 12.08 min Scan# 1531

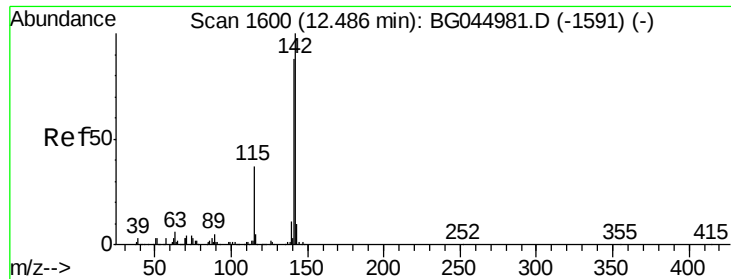
Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	107	Resp:	66158
Ion Ratio	Lower	Upper	
107	100		
144	22.7	19.8	29.6
142	75.9	59.7	89.5





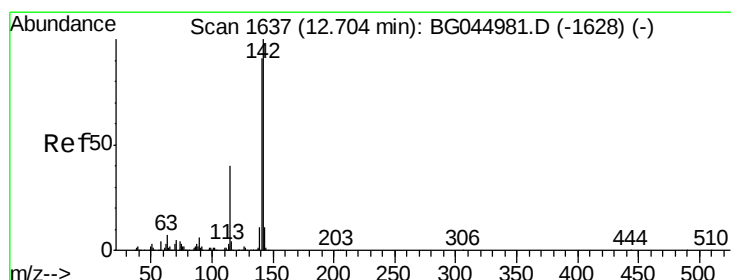
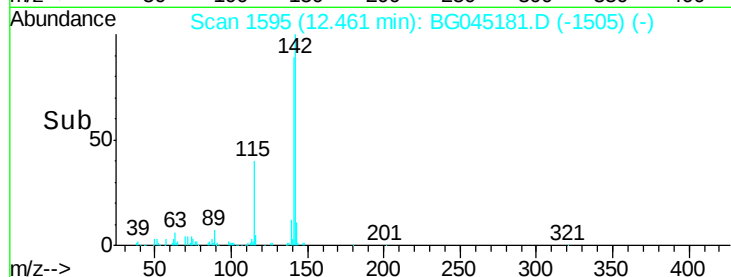
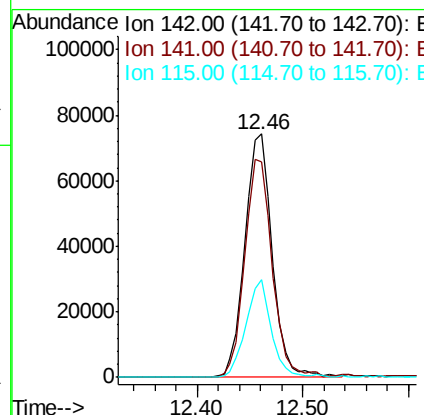
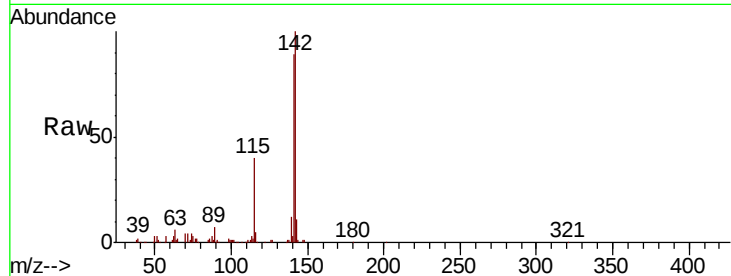
#37
2-Methylnaphthalene
Concen: 12.291 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	39.9	29.8	44.6

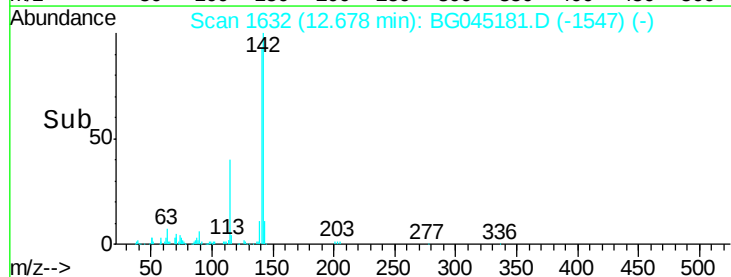
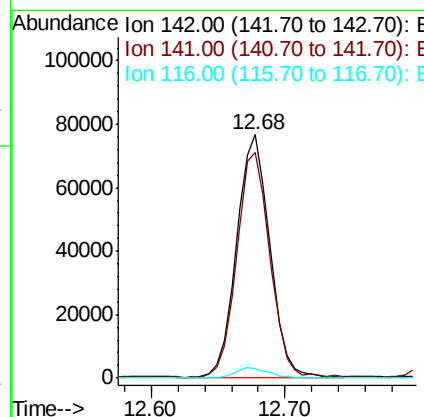
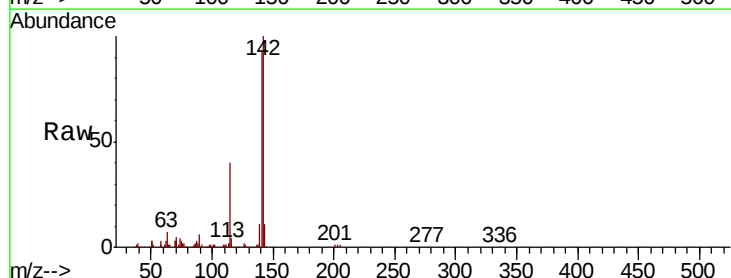
Manual Integrations
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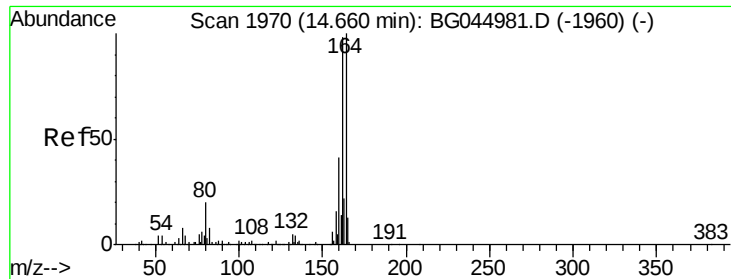
mohammad
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#38
1-Methylnaphthalene
Concen: 12.813 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.7	109.1
116	3.7	3.1	4.7





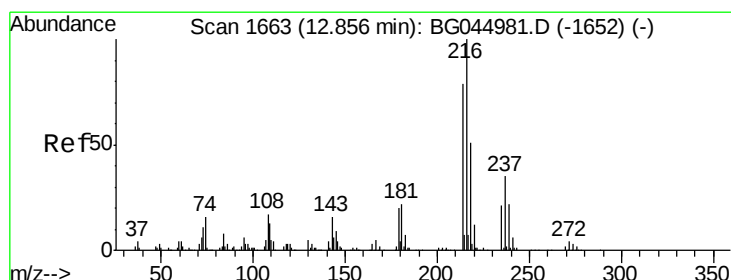
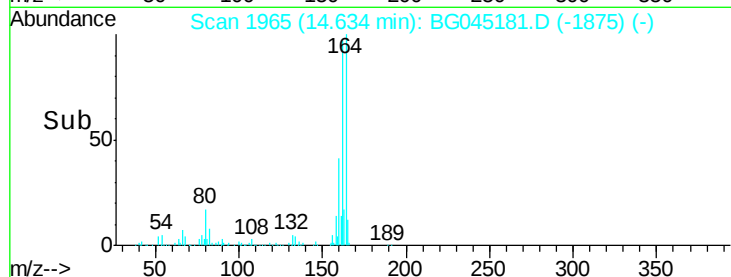
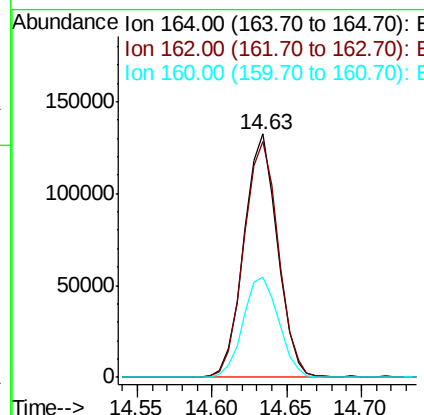
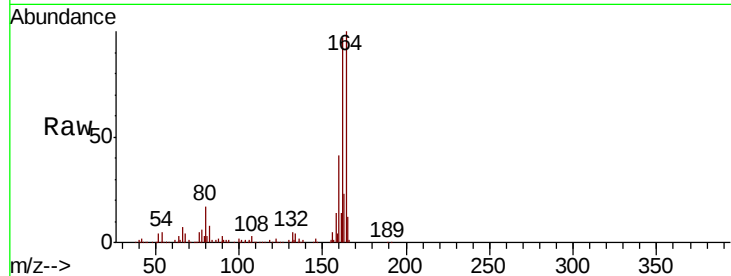
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.7	118.1
160	41.1	32.8	49.2

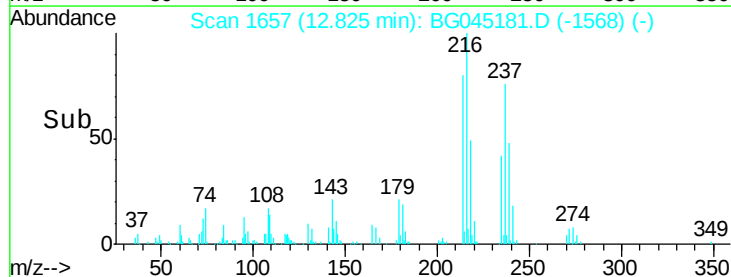
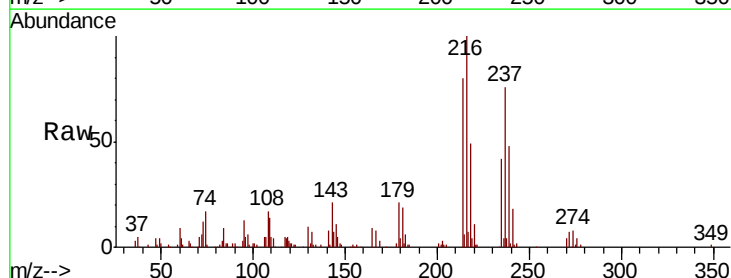
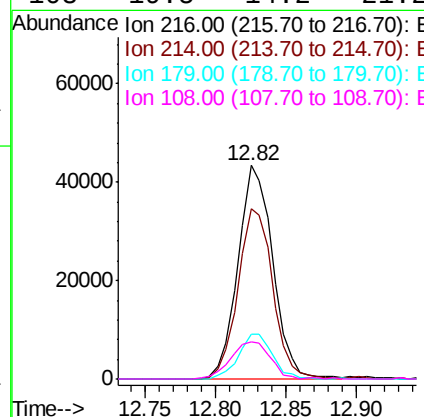
Manual Integrations
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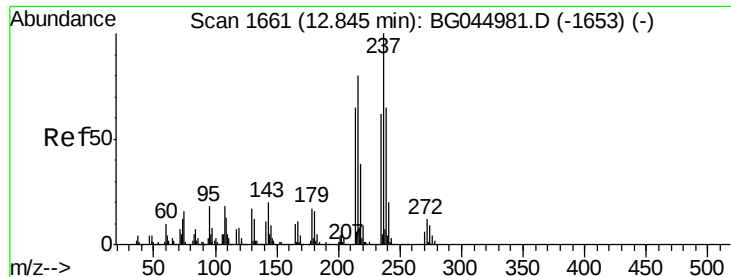
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.262 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.4	15.8	23.8
108	19.5	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 22.297 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

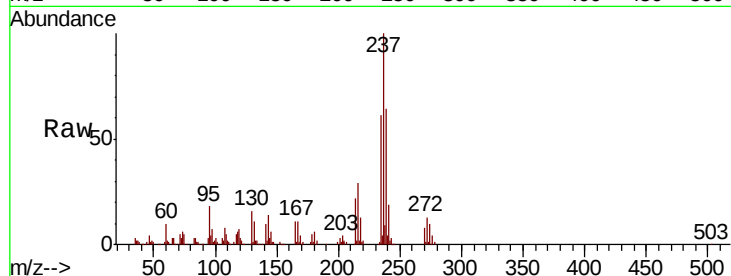
ClientSampleId :

TP-19AMS

Tot Ion:	237	Resp:	92796
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.6	81.6
272	12.6	0.0	32.1

Manual Integrations
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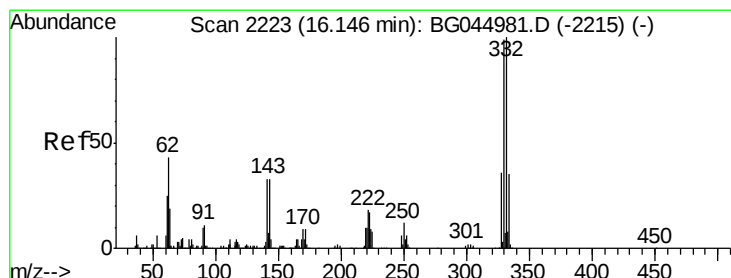
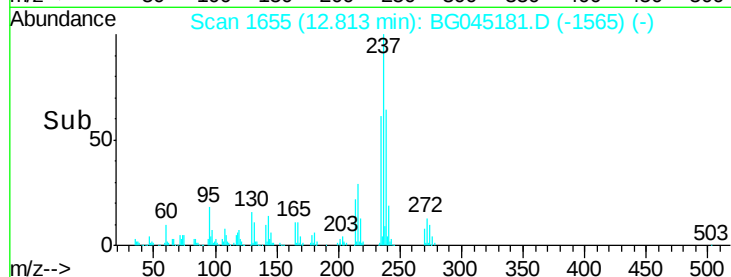
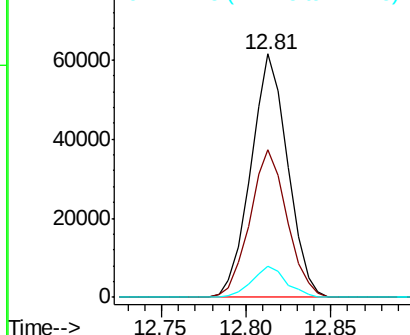


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 36.256 ng

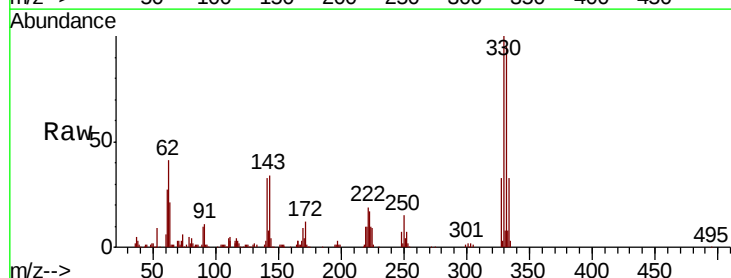
RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	330	Resp:	115835
Ion Ratio	Lower	Upper	
330	100		
332	95.5	79.1	118.7
141	33.8	27.1	40.7

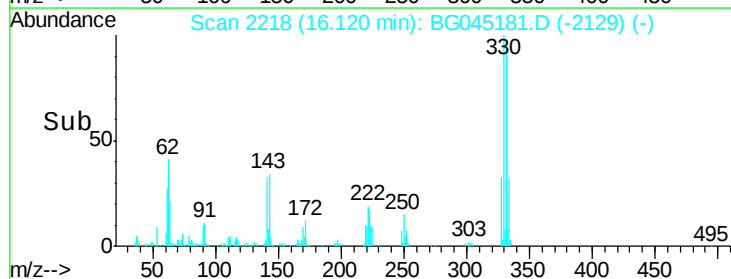
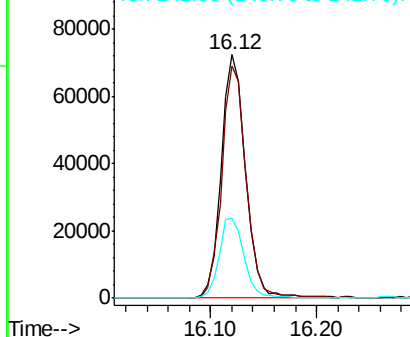


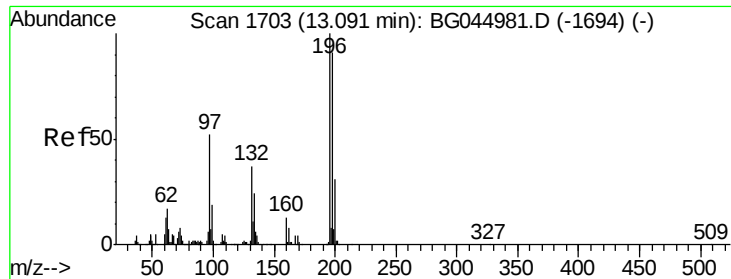
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





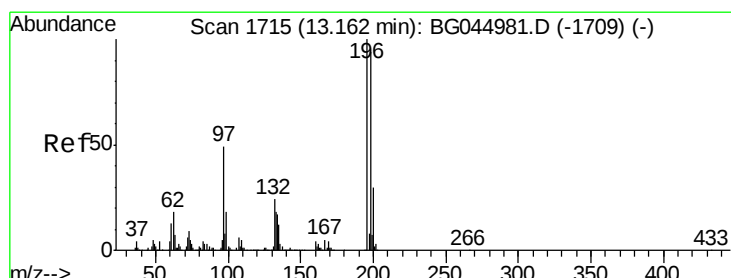
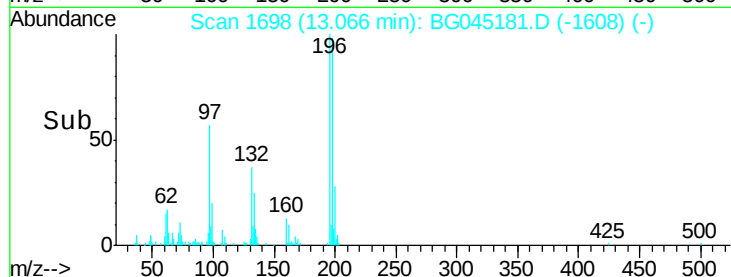
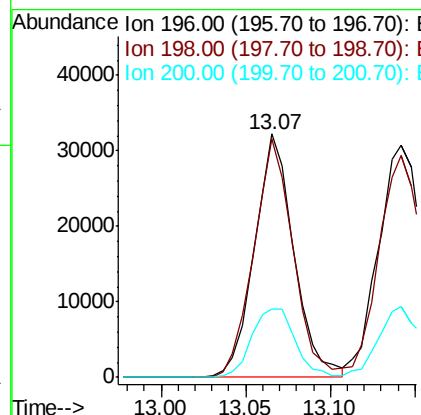
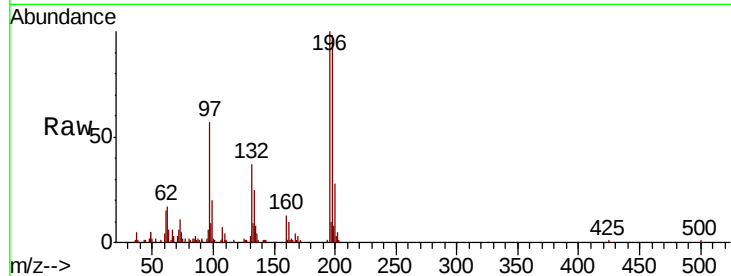
#43
 2,4,6-Trichlorophenol
 Concen: 11.064 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	72.5	108.7
200	27.8	24.5	36.7

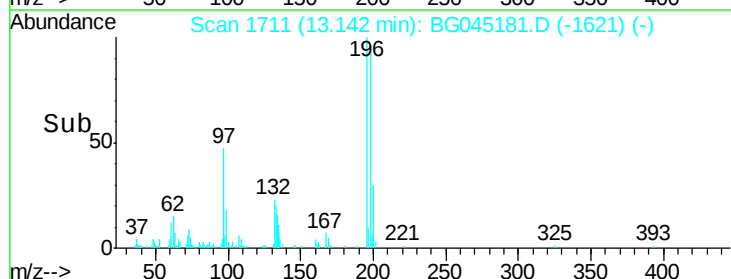
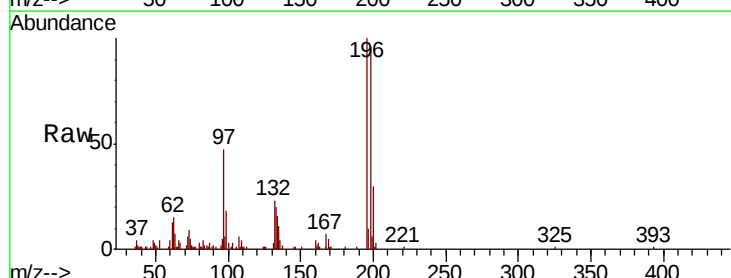
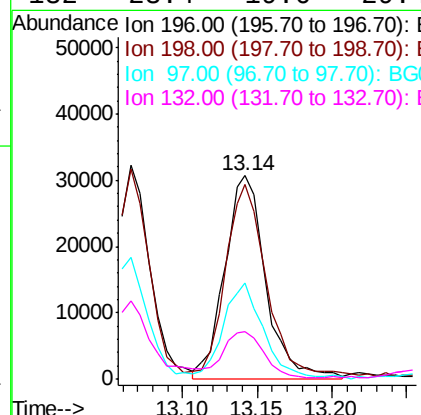
Manual Integrations
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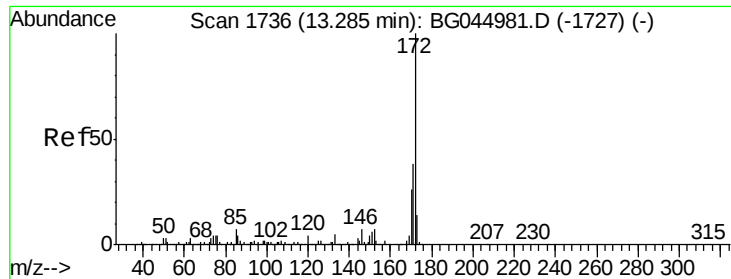
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 11.031 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	47.0	39.6	59.4
132	23.4	19.6	29.4





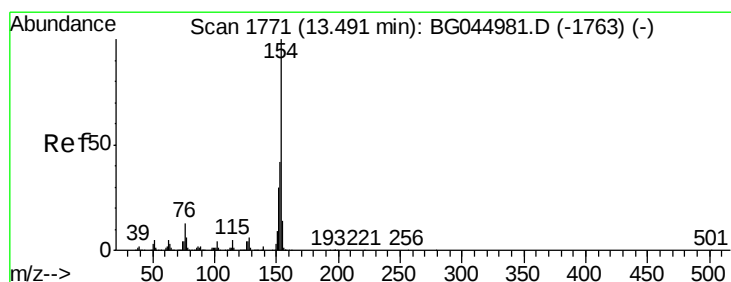
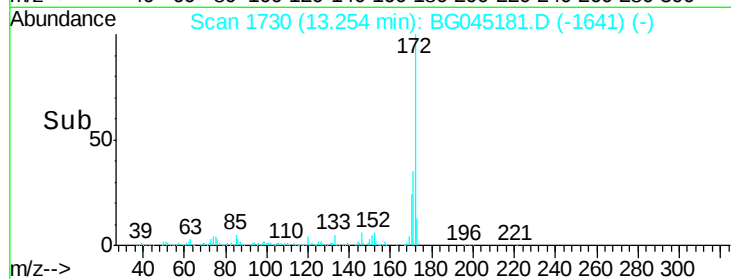
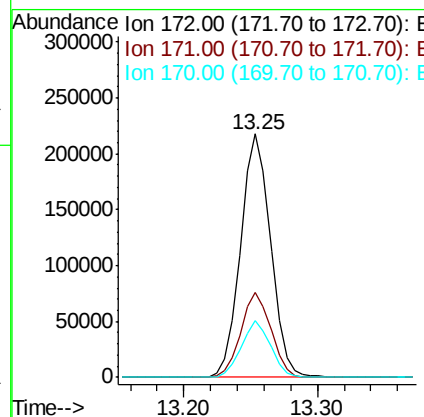
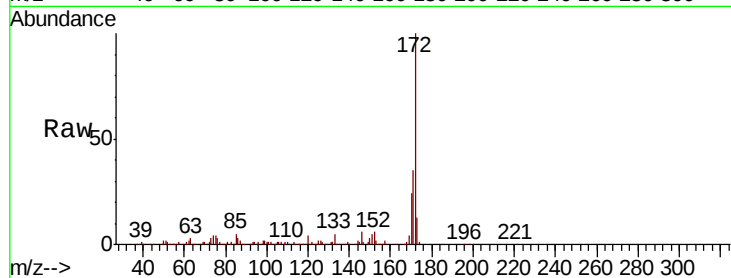
#45
2-Fluorobiphenyl
Concen: 24.050 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.6	46.0
170	23.6	20.5	30.7

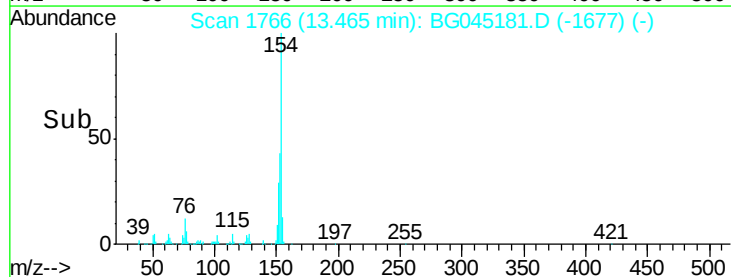
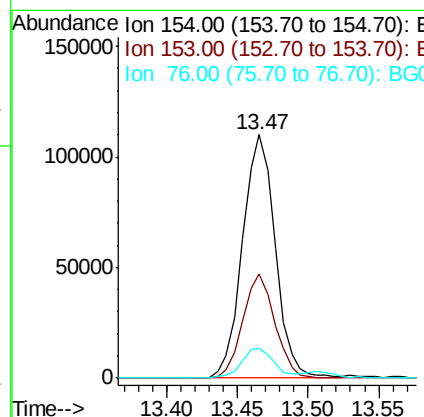
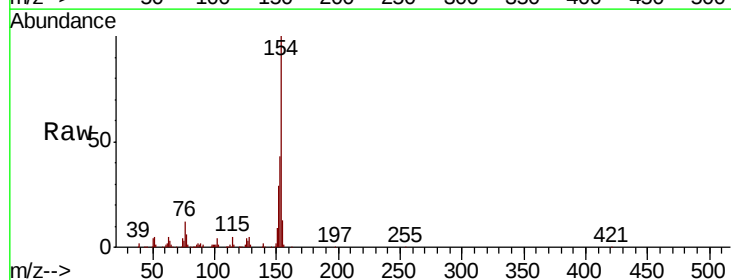
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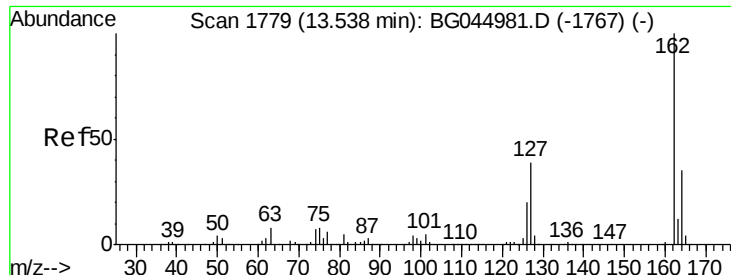
mohammad
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#46
1,1'-Biphenyl
Concen: 11.371 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	12.5	0.0	33.1





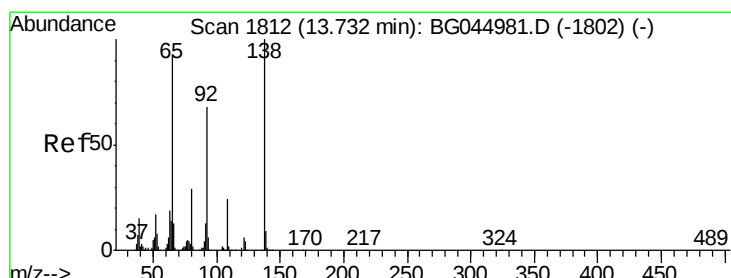
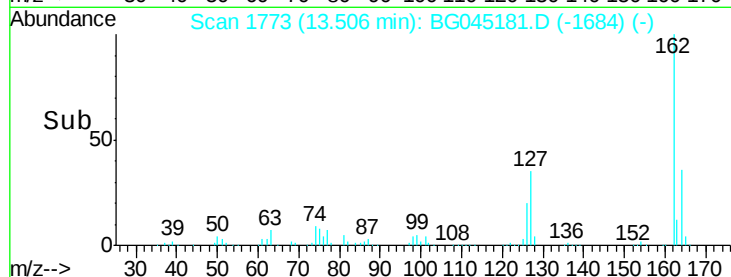
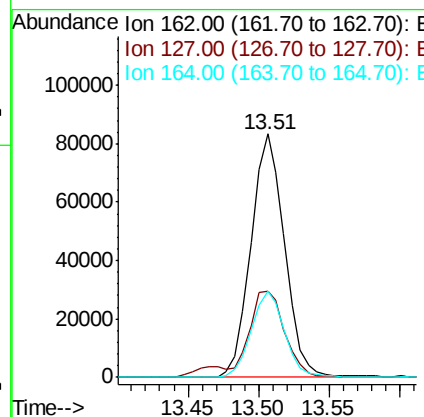
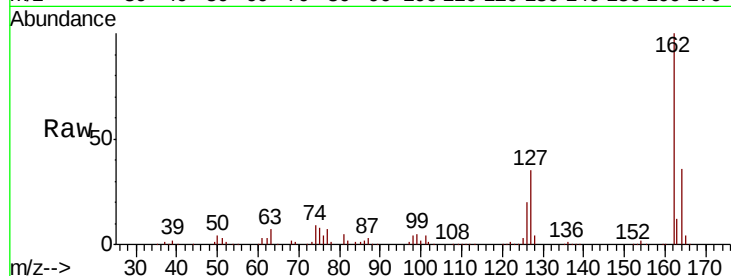
#47
2-Chloronaphthalene
Concen: 11.566 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	31.3	46.9
164	35.6	27.8	41.8

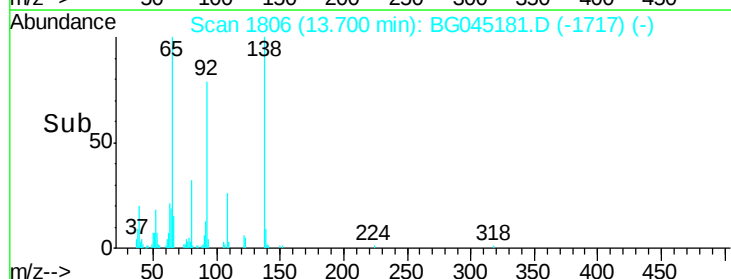
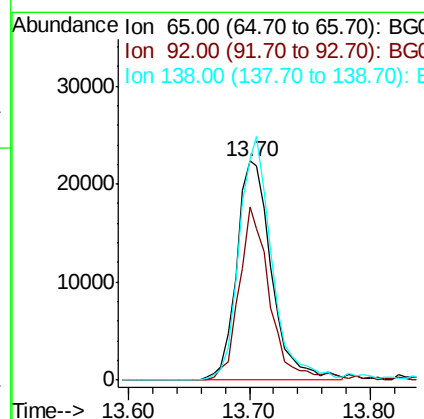
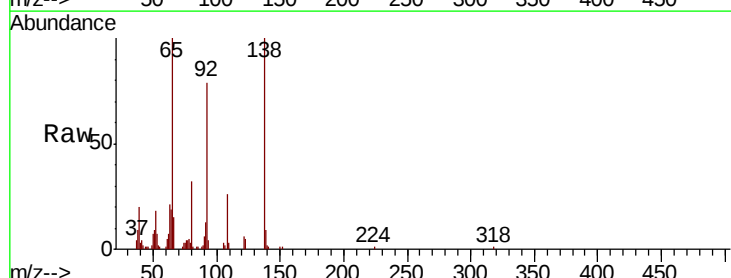
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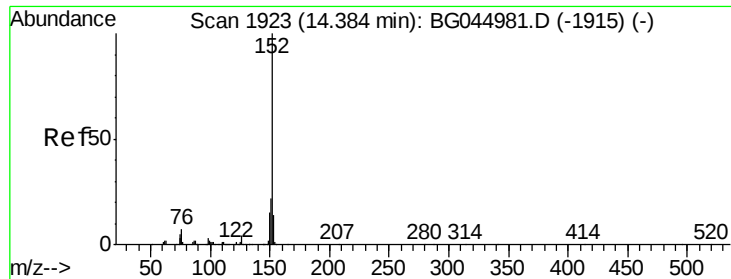
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#48
2-Nitroaniline
Concen: 11.402 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.9	58.3	87.5
138	100.4	85.6	128.4





#49

Acenaphthylene

Concen: 12.285 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

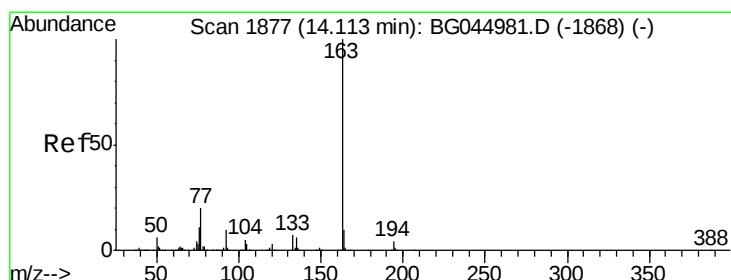
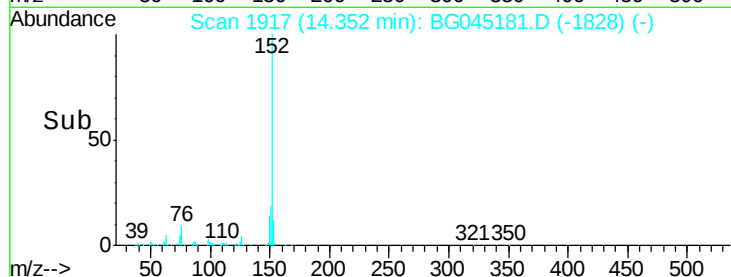
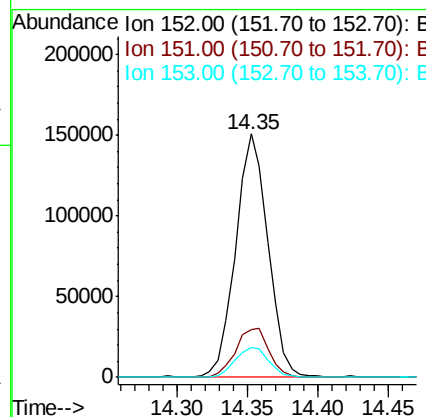
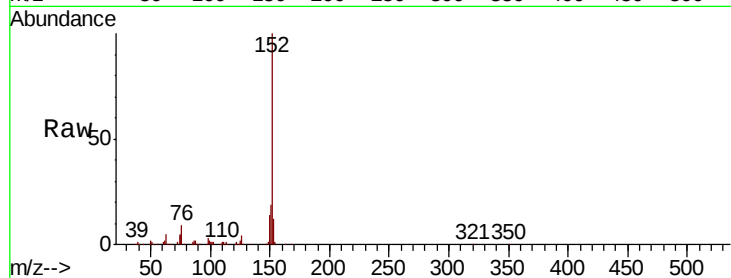
ClientSampleId :

TP-19AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		240345		
151	19.5	17.2	25.8		
153	12.3	11.0	16.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 12.574 ng

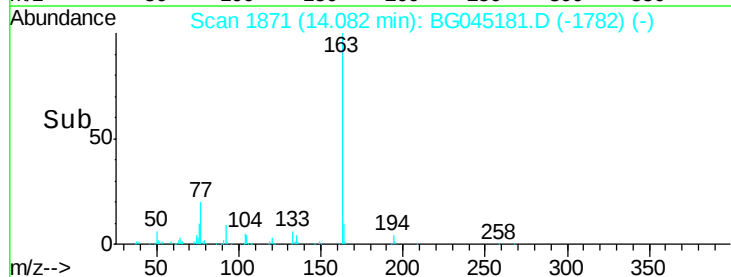
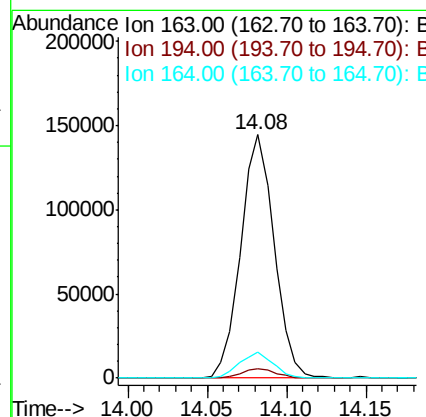
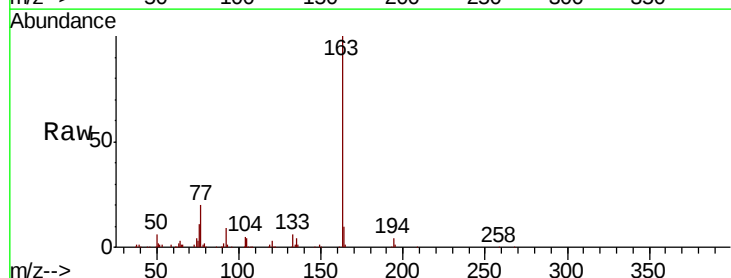
RT: 14.08 min Scan# 1871

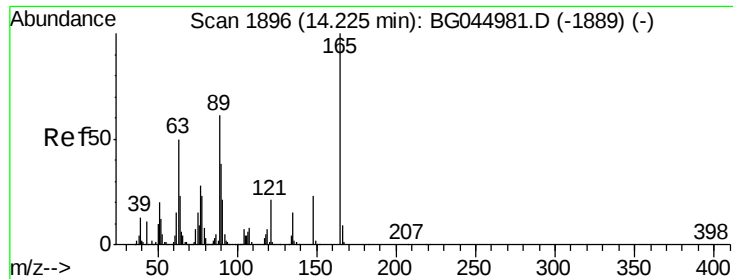
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		211740		
194	4.0	3.5	5.3		
164	10.5	8.2	12.4		





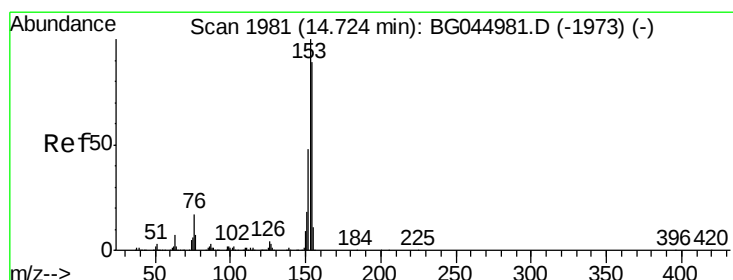
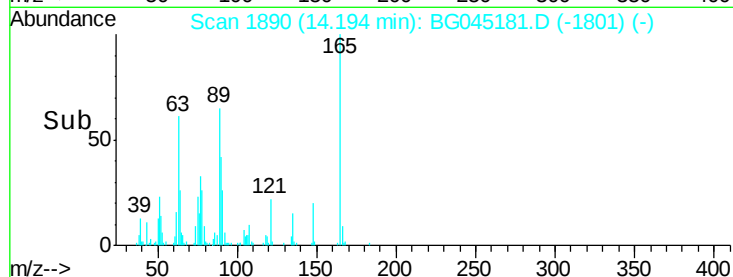
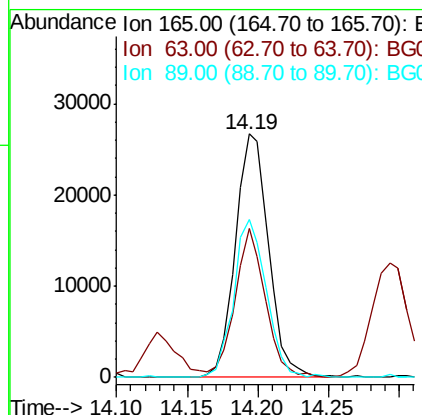
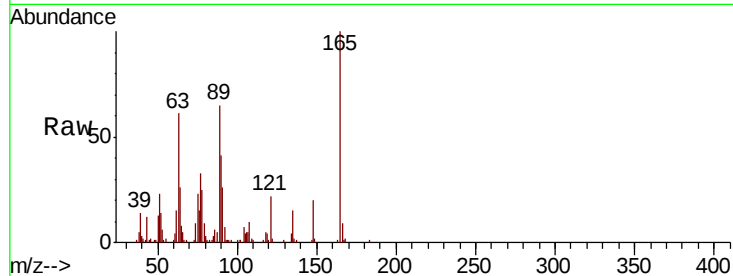
#51
 2,6-Dinitrotoluene
 Concen: 11.607 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43718		
63	60.9		40.4	60.6#
89	64.6		49.1	73.7

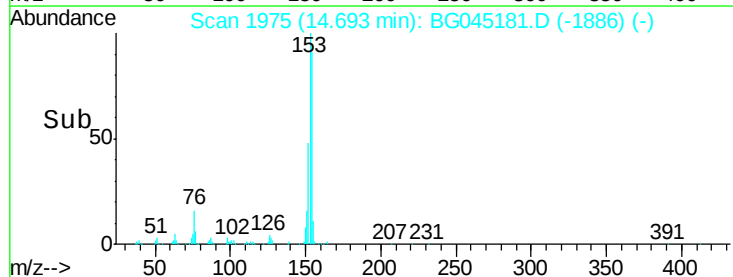
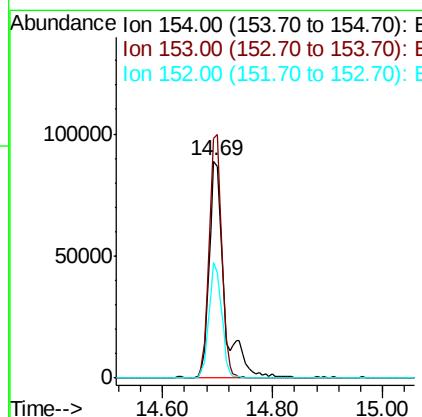
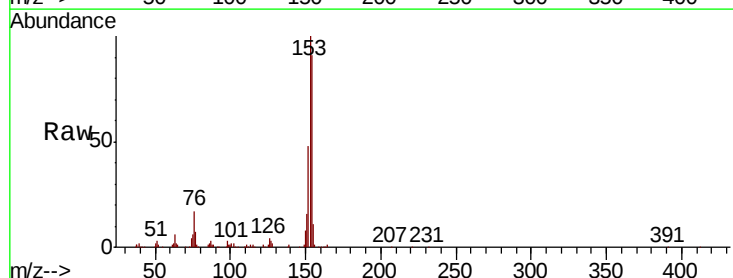
Manual Integrations
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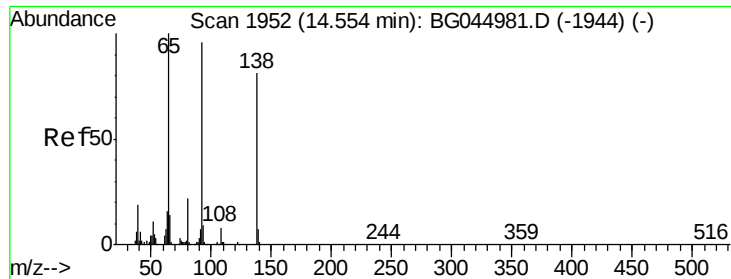
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#52
 Acenaphthene
 Concen: 13.170 ng m
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	174324		
153	110.2		89.7	134.5
152	53.2		43.1	64.7





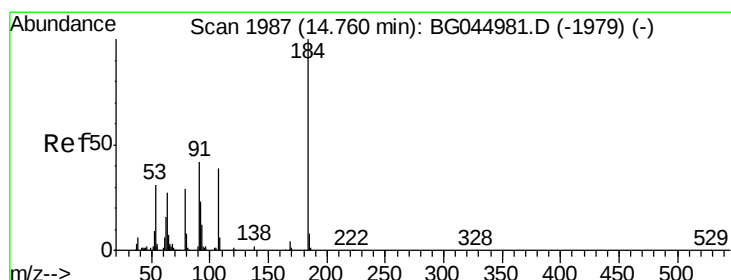
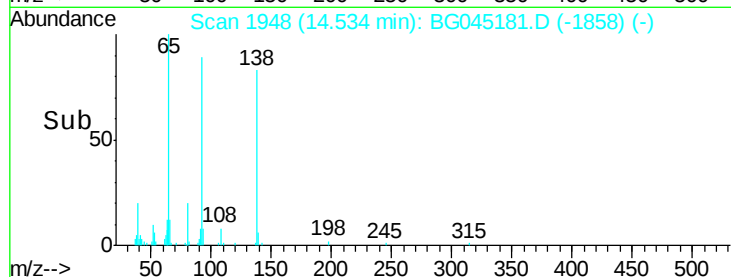
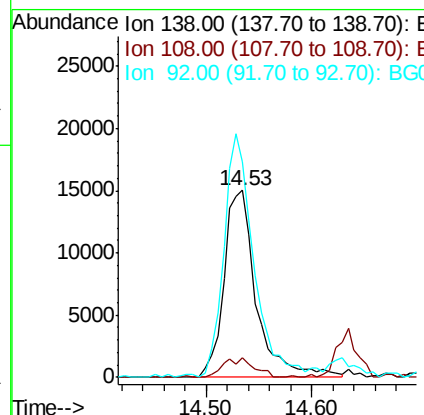
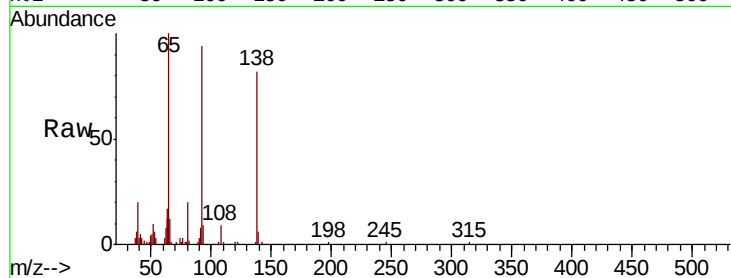
#53
3-Nitroaniline
Concen: 7.724 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.8
92	115.2	94.5	141.7

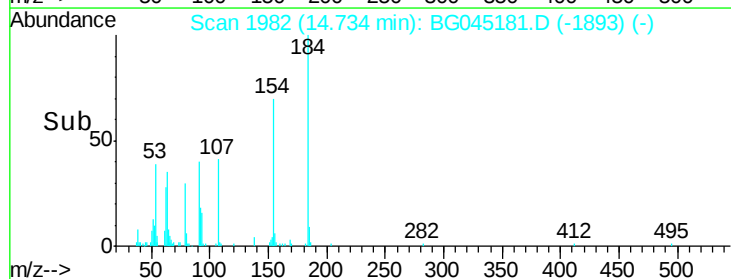
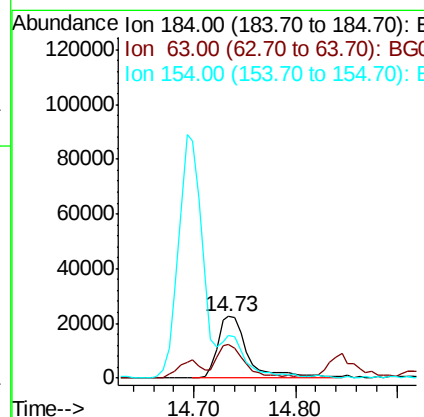
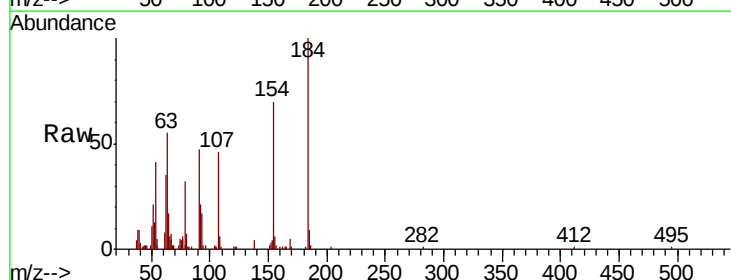
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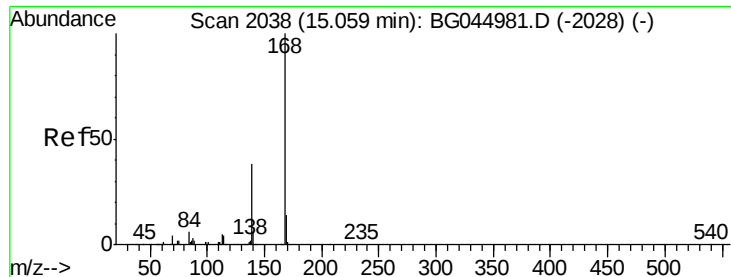
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#54
2,4-Dinitrophenol
Concen: 21.015 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	41.5	62.3
154	69.6	52.3	78.5





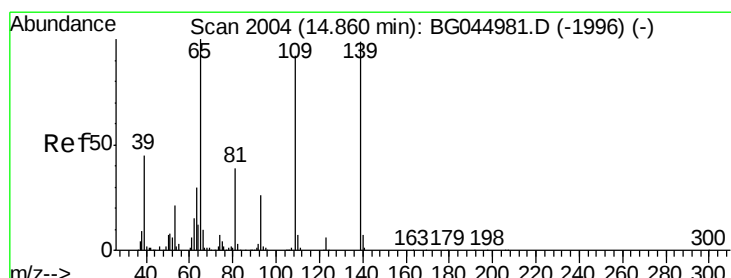
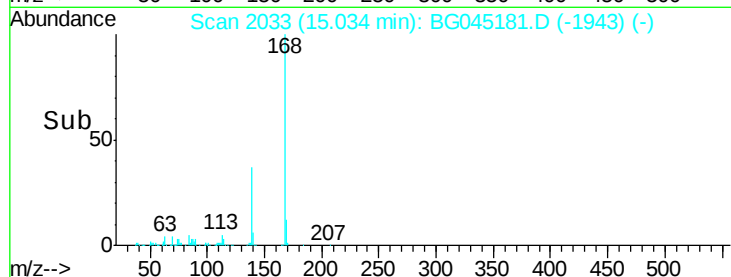
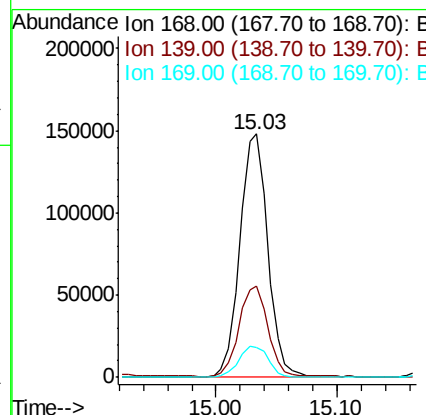
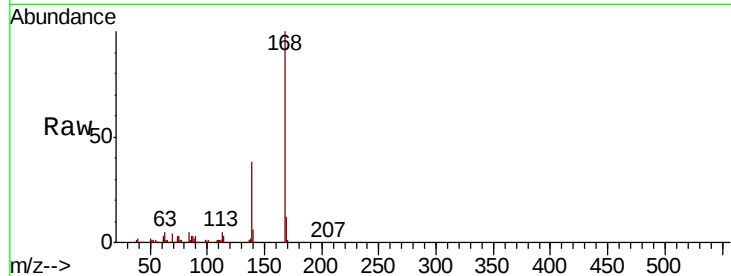
#55
Dibenzenofuran
Concen: 12.467 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion:	168	Resp:	240597
Ion Ratio	Lower	Upper	
168	100		
139	37.6	30.4	45.6
169	12.2	11.0	16.4

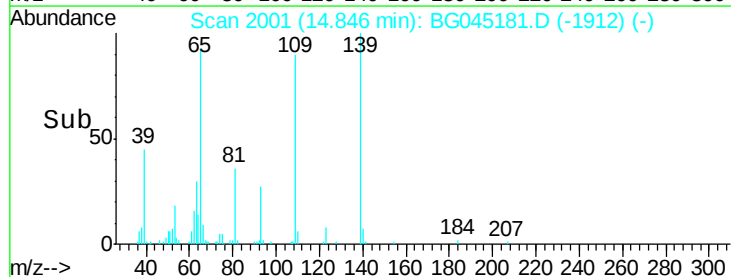
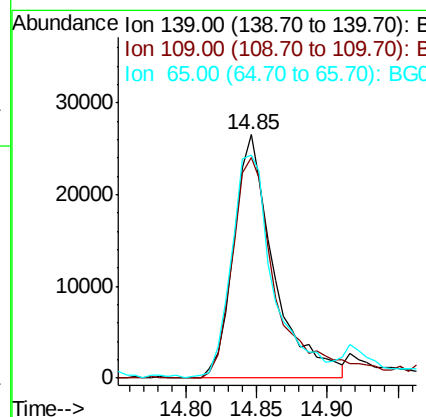
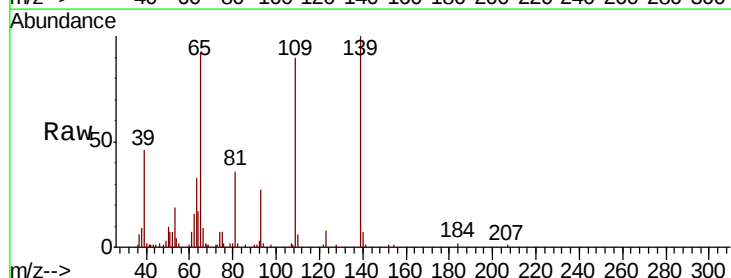
Manual Integrations
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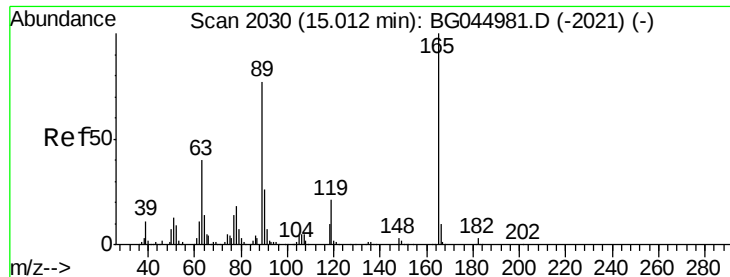
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#56
4-Nitrophenol
Concen: 16.513 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion:	139	Resp:	52891
Ion Ratio	Lower	Upper	
139	100		
109	90.4	73.6	113.6
65	91.6	81.2	121.2





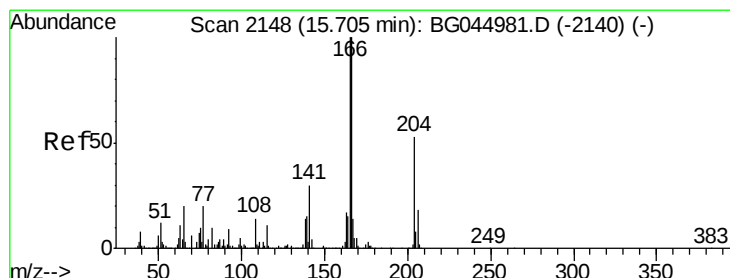
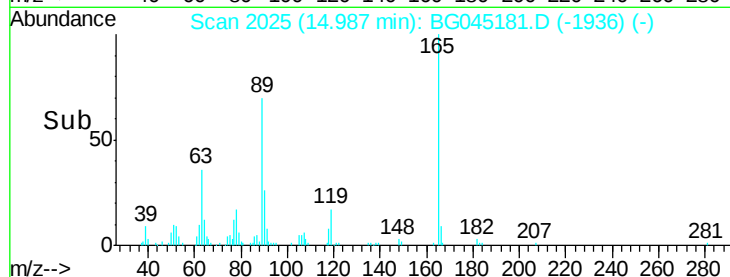
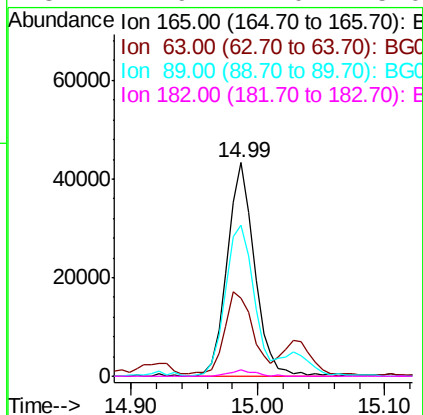
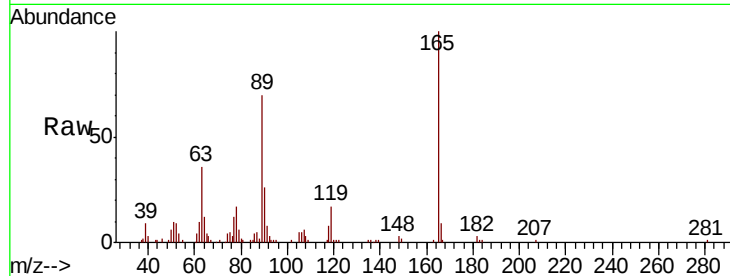
#57
 2,4-Dinitrotoluene
 Concen: 11.742 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion:	165	Resp:	64629
Ion Ratio	Lower	Upper	
165	100		
63	36.3	32.2	48.2
89	70.5	61.7	92.5
182	2.9	2.0	3.0

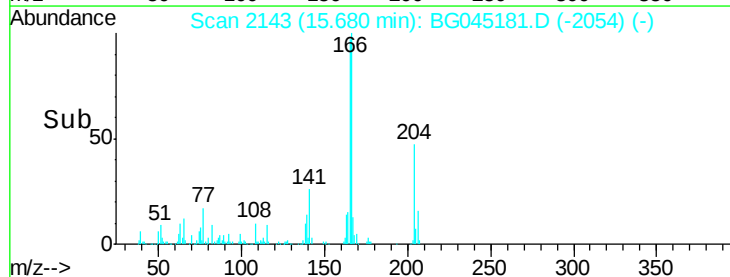
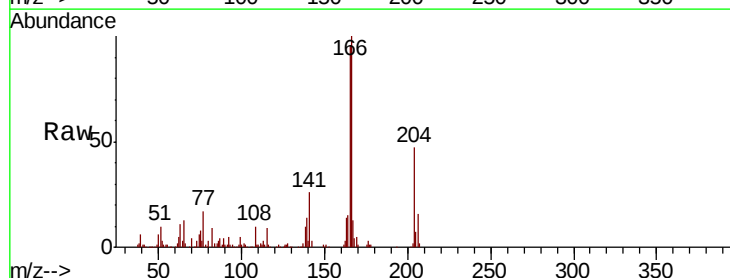
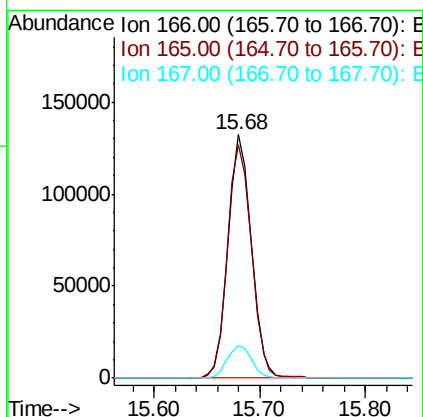
Manual Integrations
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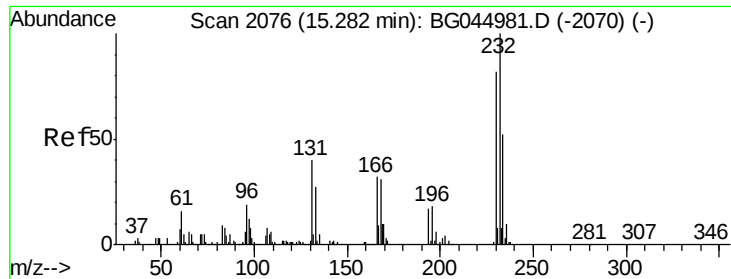
mohammad
 4/28/2020 11:08:02 PM



#58
 Fluorene
 Concen: 12.837 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:	166	Resp:	202344
Ion Ratio	Lower	Upper	
166	100		
165	95.8	79.9	119.9
167	13.1	11.4	17.0





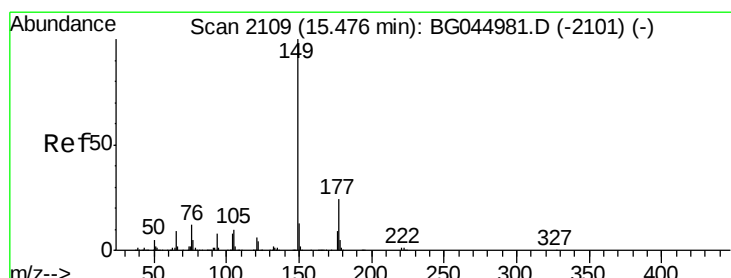
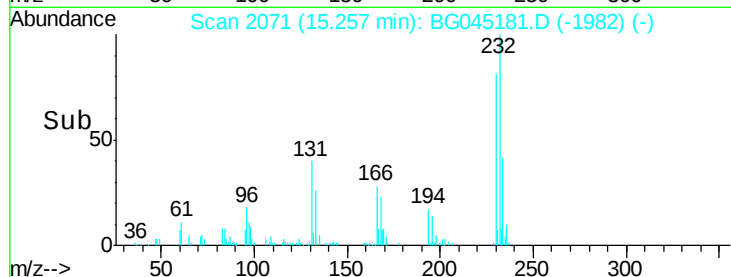
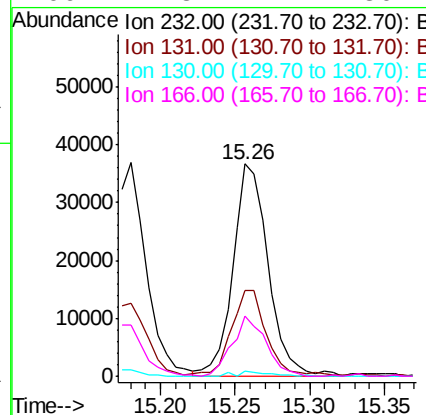
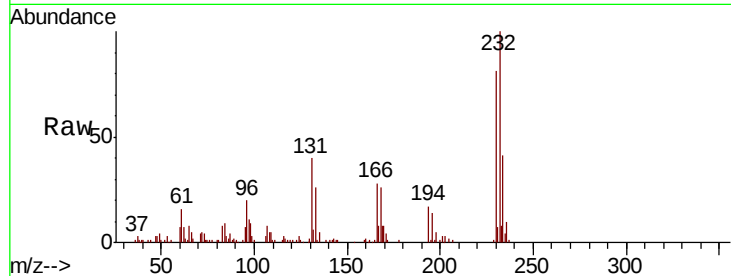
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 12.749 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	32.2	48.2
130	2.0	2.2	3.2
166	27.3	24.2	36.4

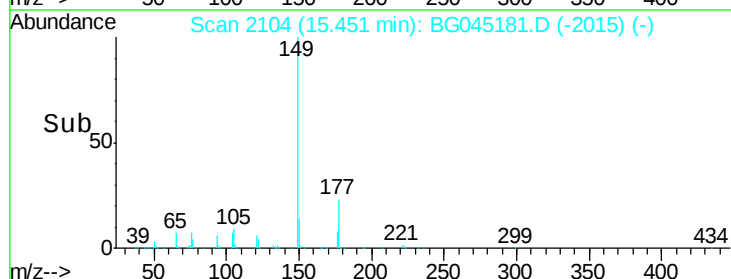
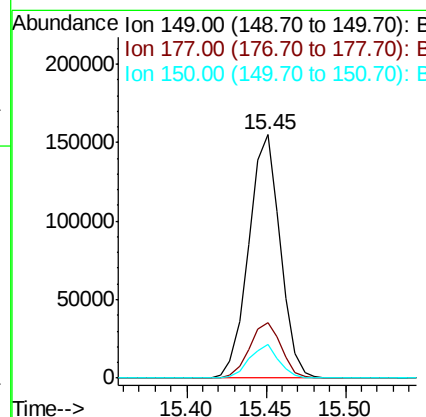
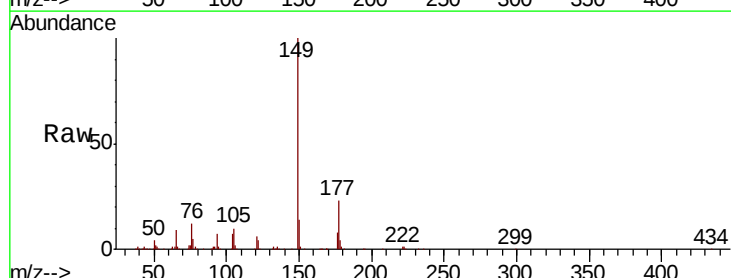
Manual Integrations
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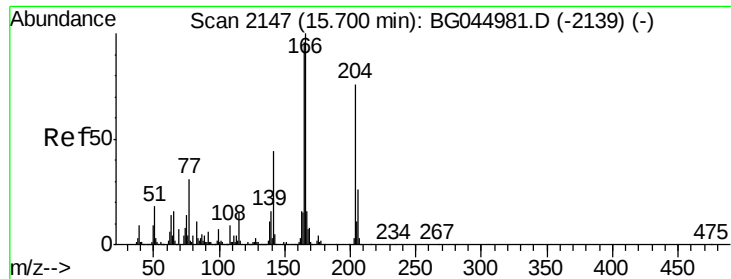
mohammad
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#60
 Diethylphthalate
 Concen: 12.184 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.9	28.3
150	13.6	10.6	15.8





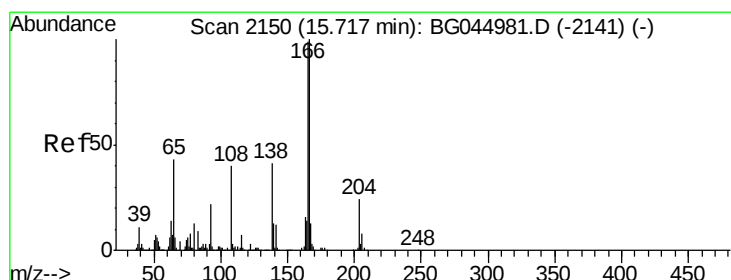
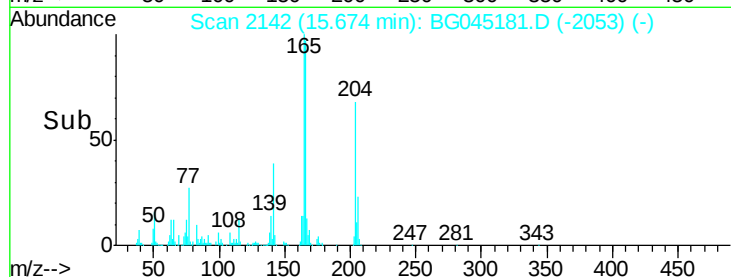
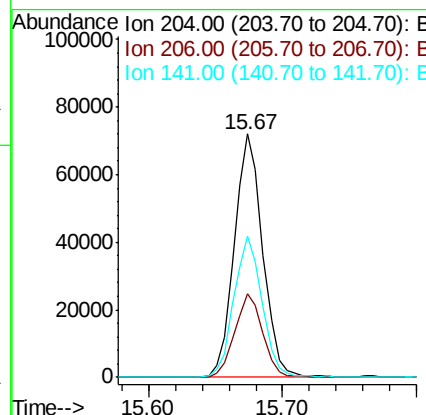
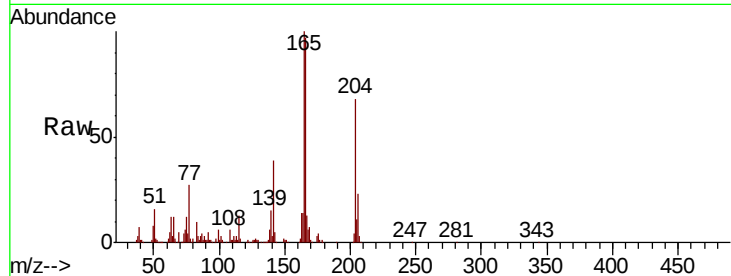
#61
 4-Chlorophenyl-phenylether
 Concen: 11.777 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleID :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	106857		
206	34.3	26.9	40.3	
141	57.9	46.3	69.5	

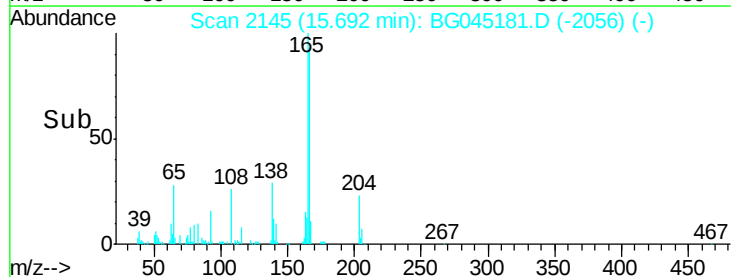
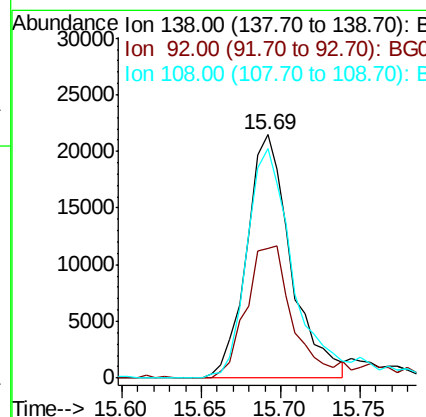
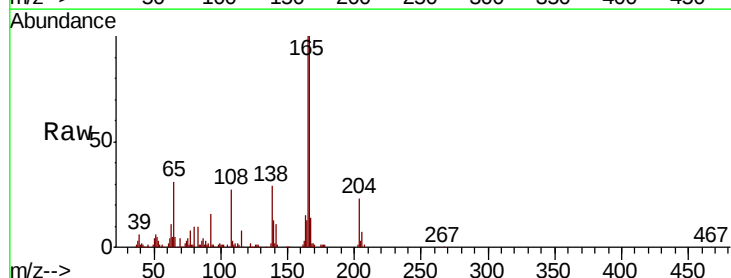
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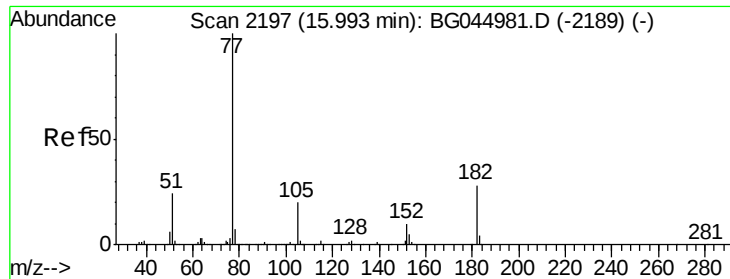
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#62
 4-Nitroaniline
 Concen: 9.735 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	41712		
92	53.5	33.6	73.6	
108	94.2	78.2	118.2	





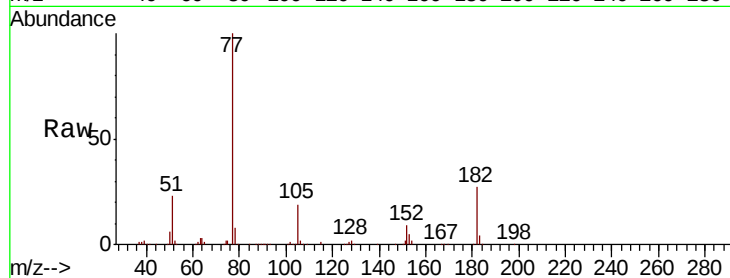
#63
Azobenzene
Concen: 12.765 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

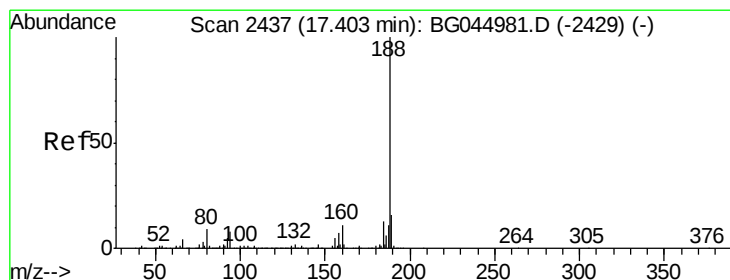
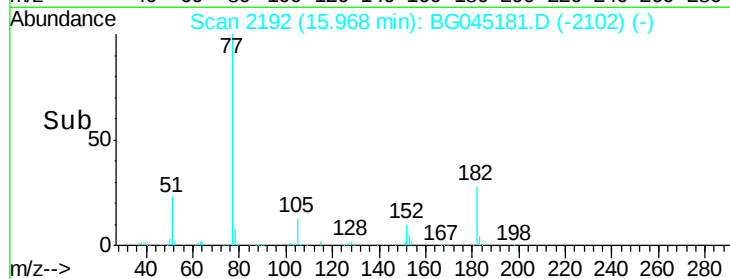
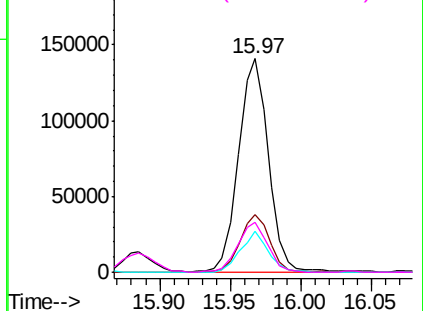
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	8.4	48.4
105	19.1	0.5	40.5
51	23.5	4.4	44.4

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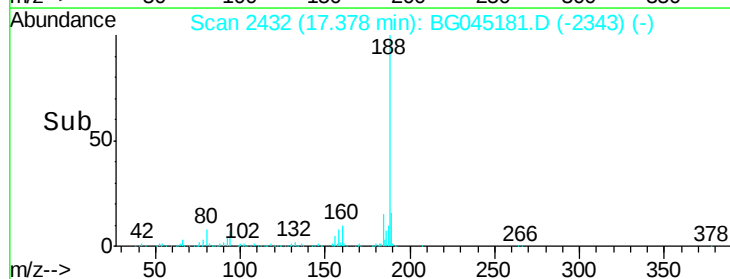
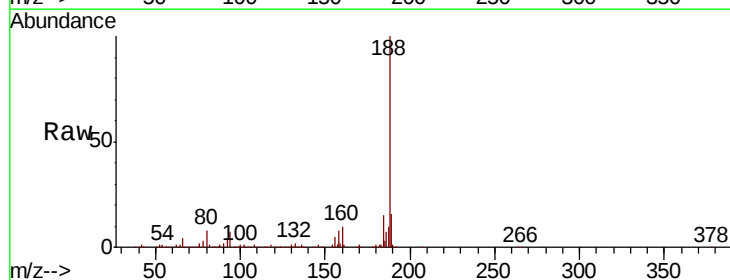
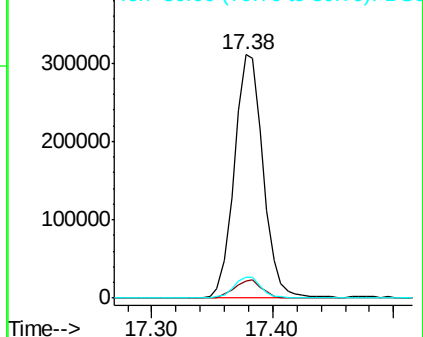
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

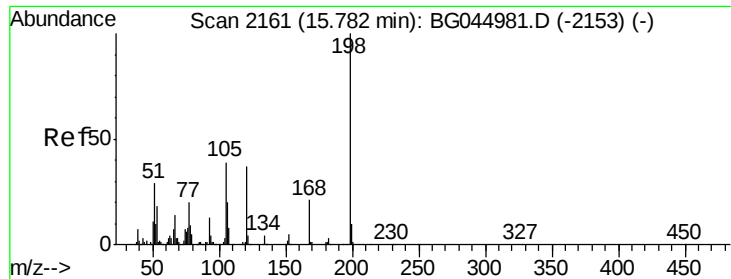


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.4	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





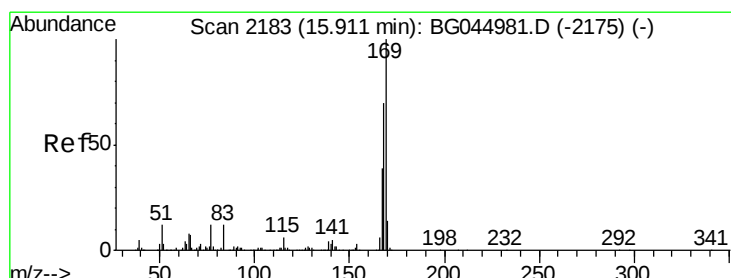
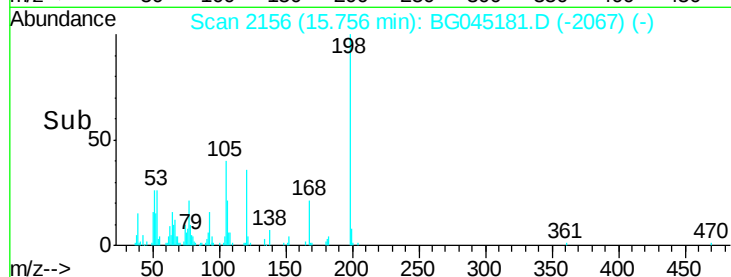
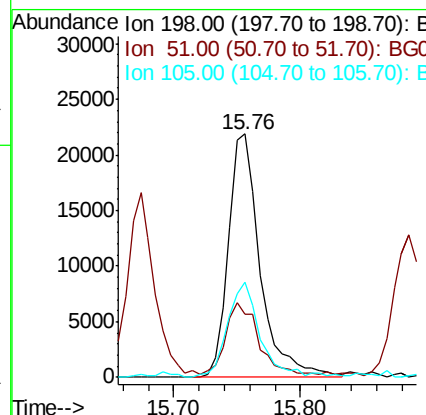
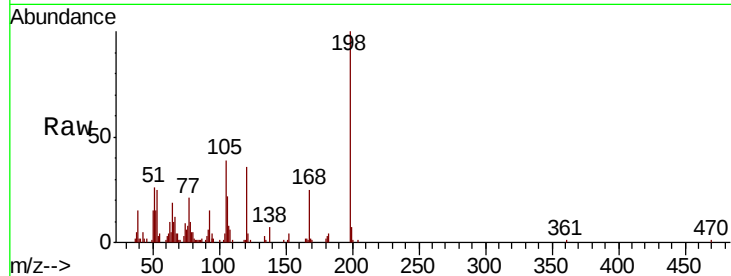
#65
4,6-Dinitro-2-methylphenol
Concen: 11.152 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	37959		
51	26.1		10.0	50.0
105	39.3		18.9	58.9

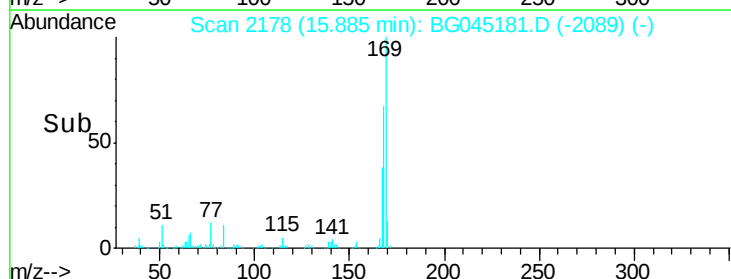
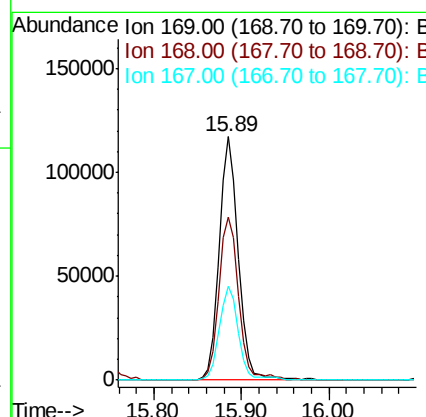
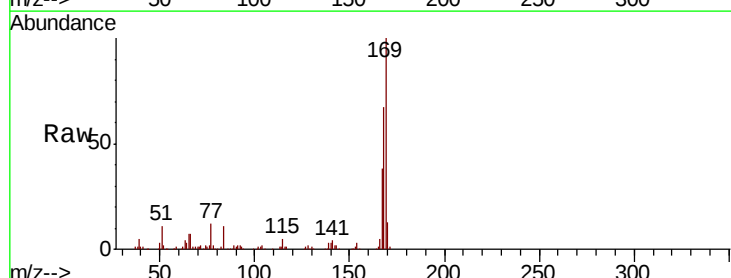
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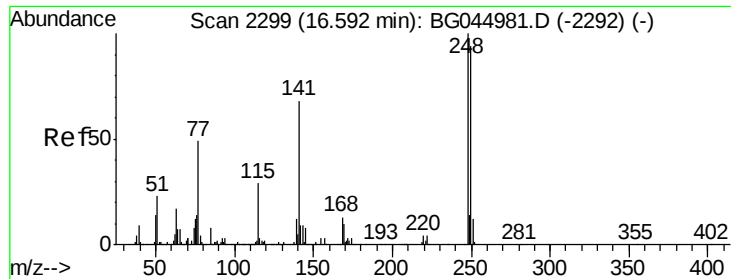
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 11.979 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	178228		
168	67.0		55.8	83.8
167	38.4		30.8	46.2





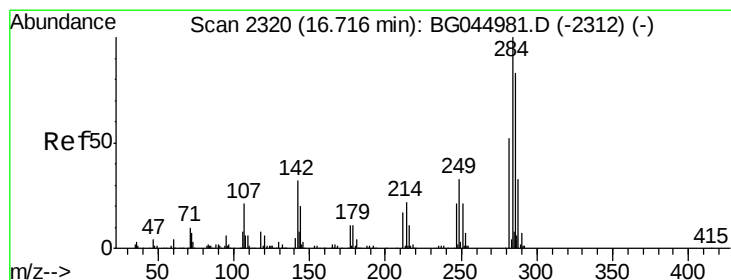
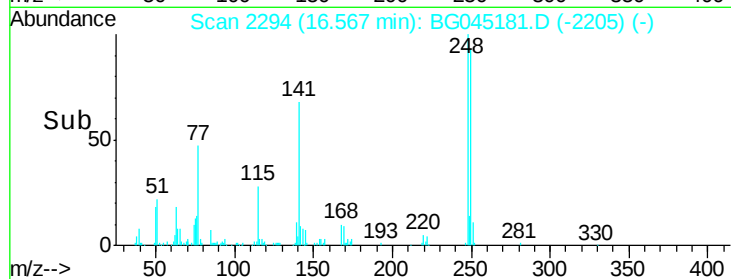
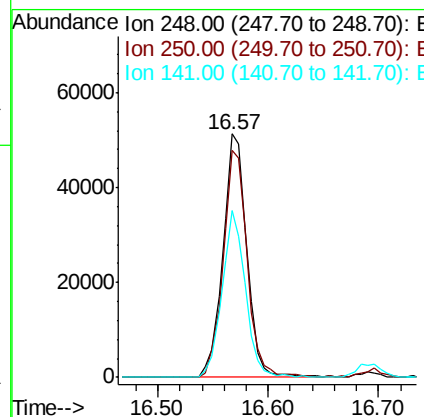
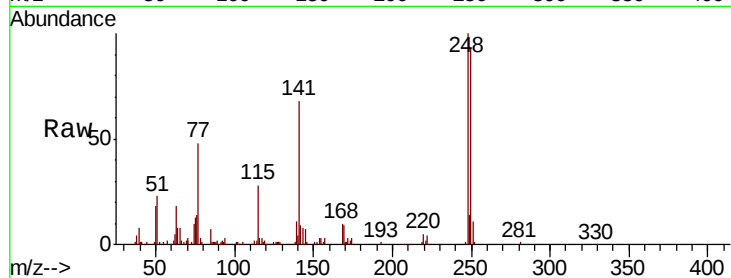
#67
4-Bromophenyl-phenylether
Concen: 11.536 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.4	75.4	113.2
141	68.3	54.4	81.6

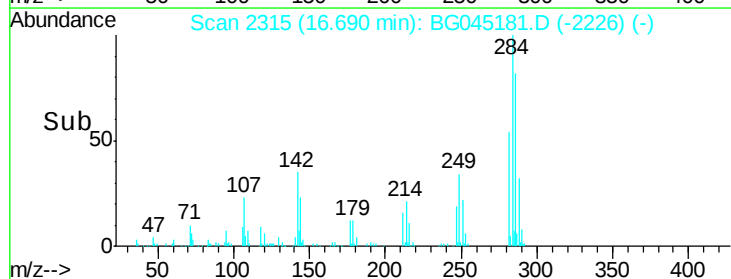
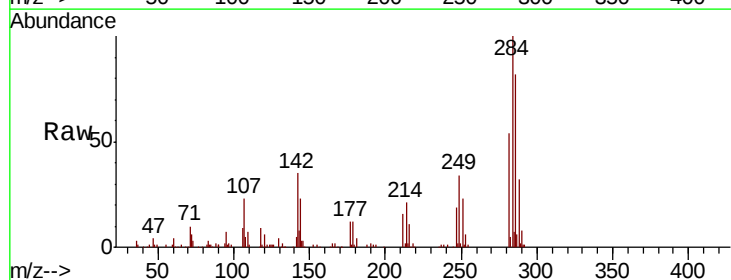
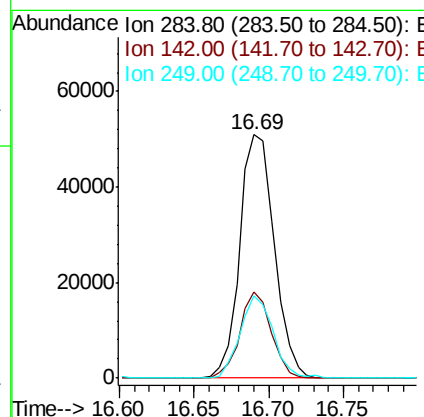
Manual Integrations
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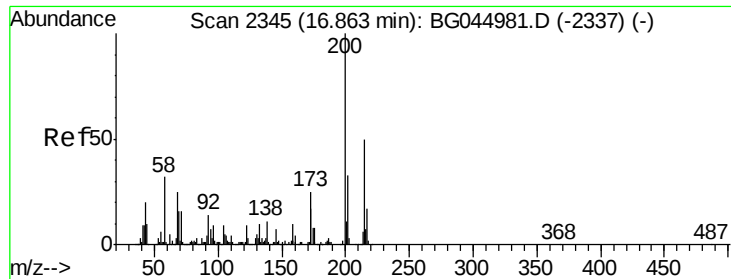
mohammad
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#68
Hexachlorobenzene
Concen: 11.800 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	25.8	38.6
249	33.8	26.6	39.8





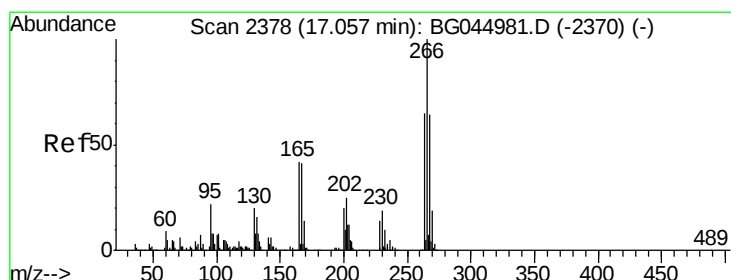
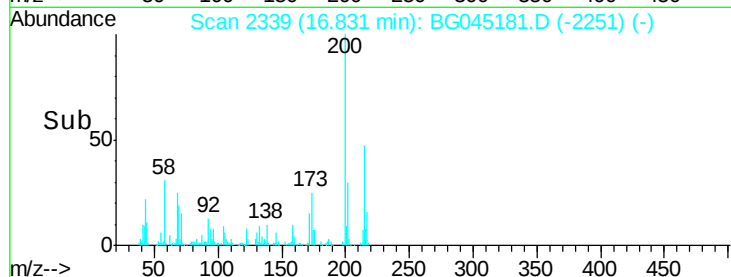
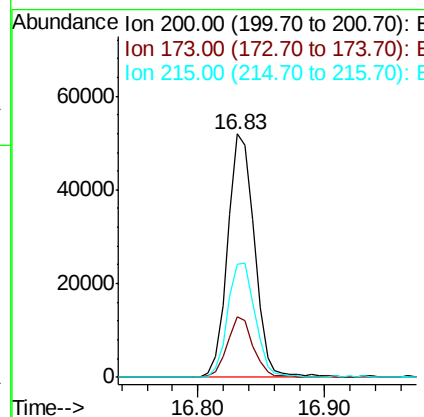
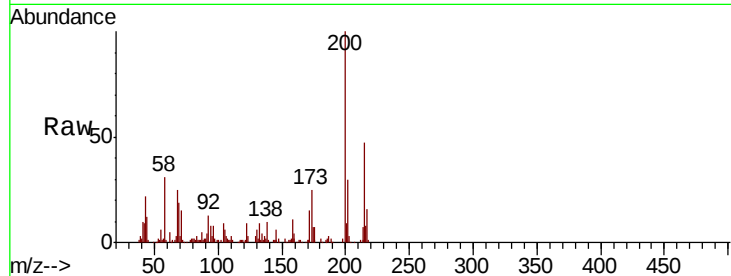
#69
Atrazine
Concen: 10.303 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.5	44.5
215	46.6	30.0	70.0

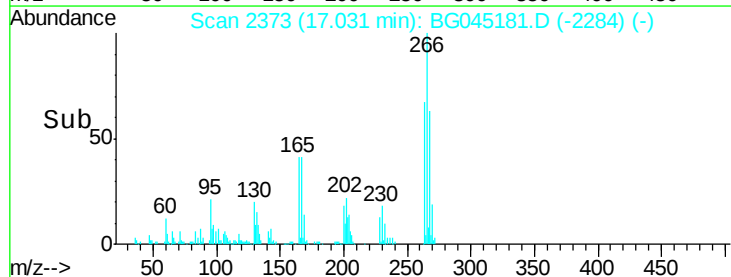
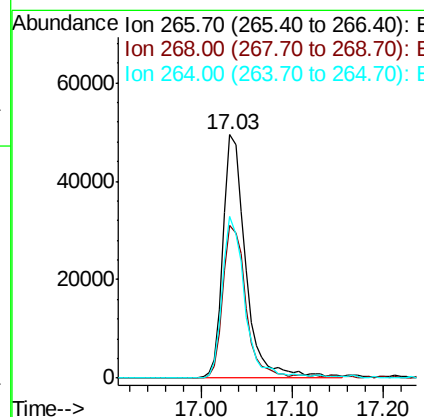
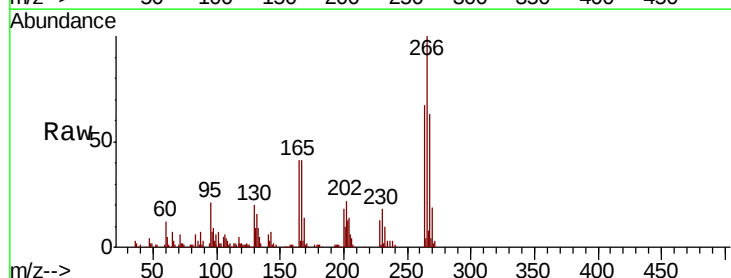
Manual Integrations
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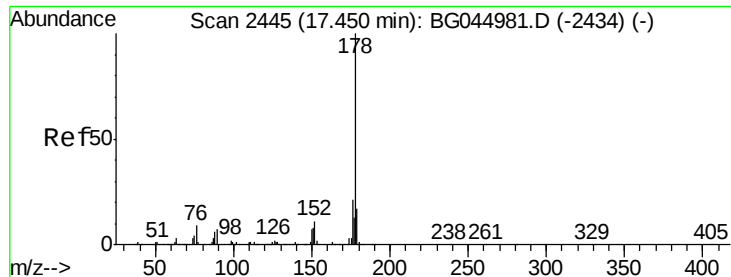
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#70
Pentachlorophenol
Concen: 20.303 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.5	77.3
264	66.6	52.2	78.4





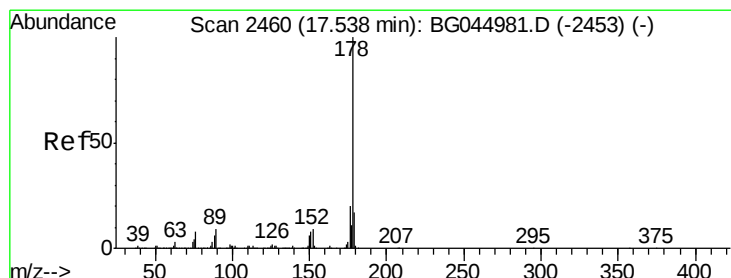
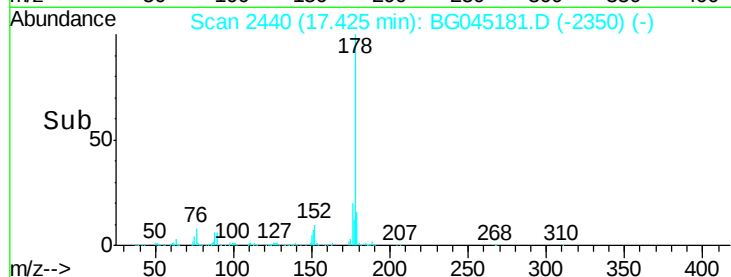
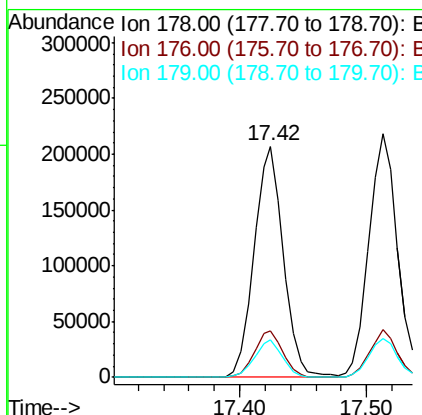
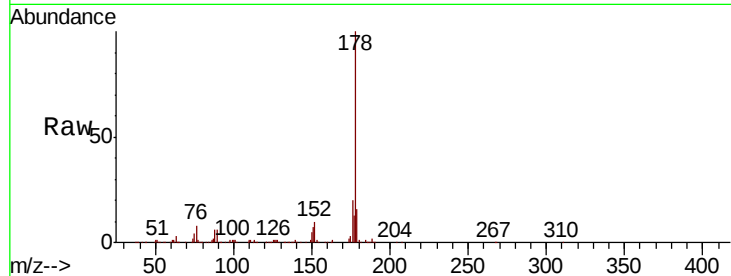
#71
Phenanthrene
Concen: 12.476 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.8	25.2
179	16.4	13.2	19.8

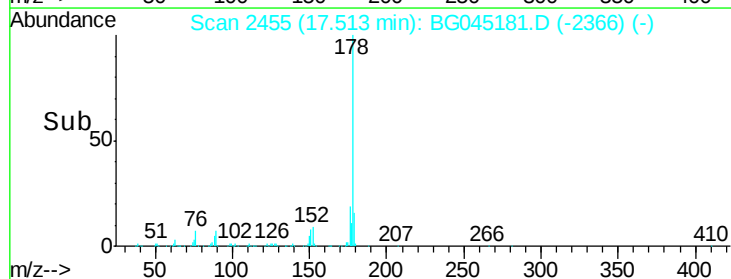
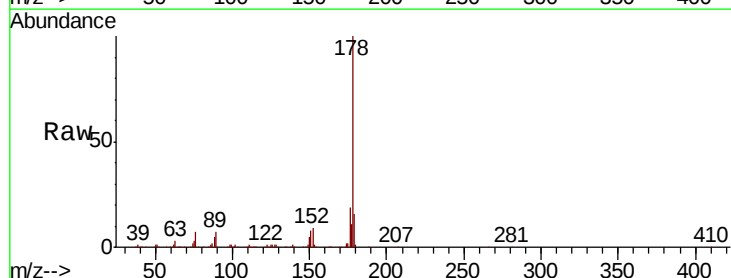
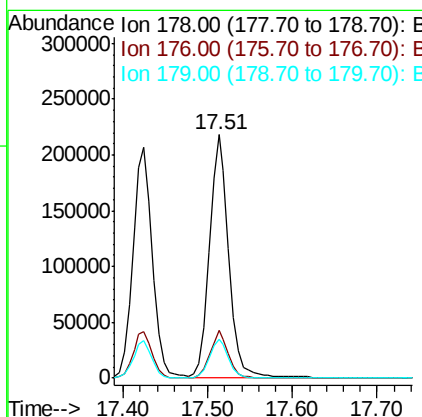
Manual Integrations
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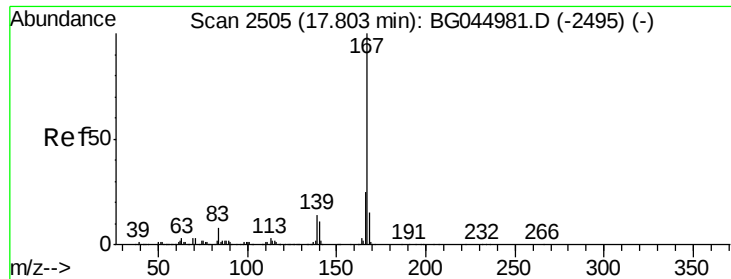
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#72
Anthracene
Concen: 13.070 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	13.6	20.4





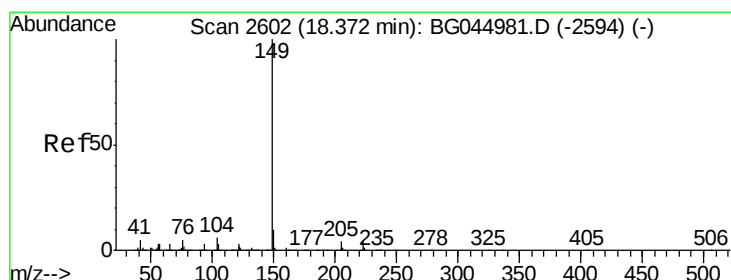
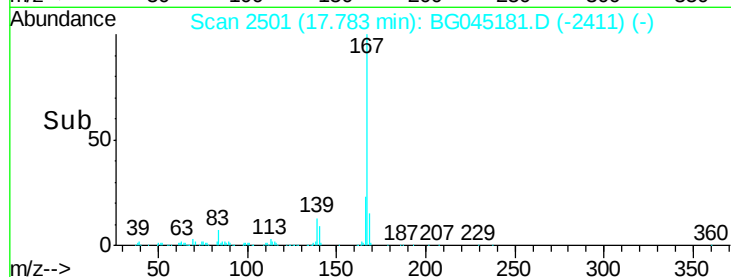
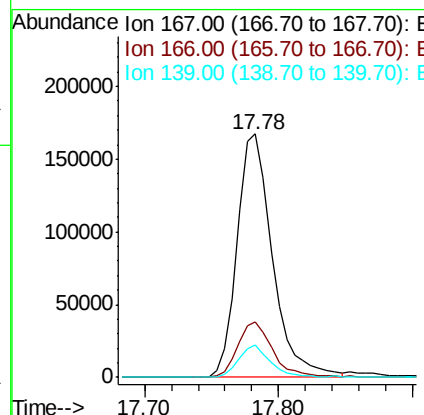
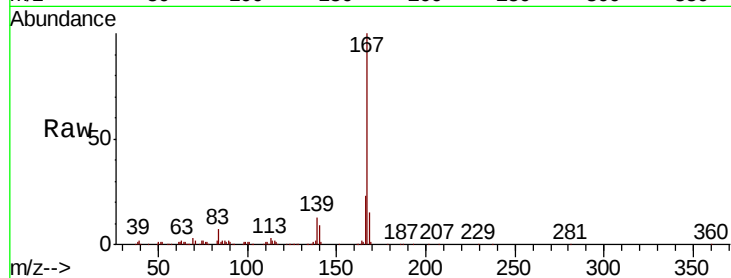
#73
 Carbazole
 Concen: 11.394 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion:	167	Resp:	308633
Ion Ratio	Lower	Upper	
167	100		
166	22.6	19.8	29.6
139	13.3	10.9	16.3

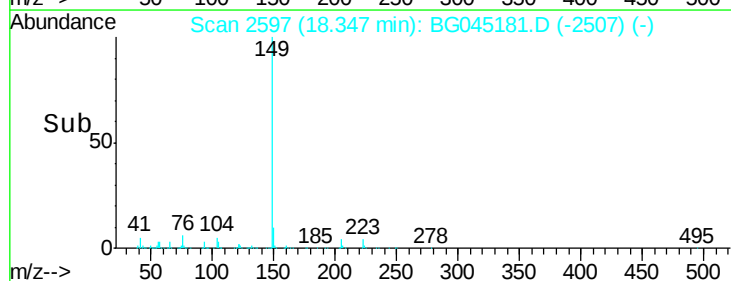
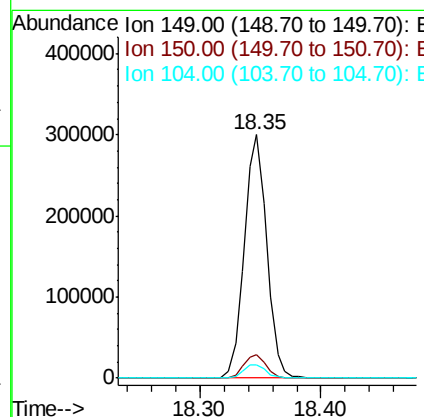
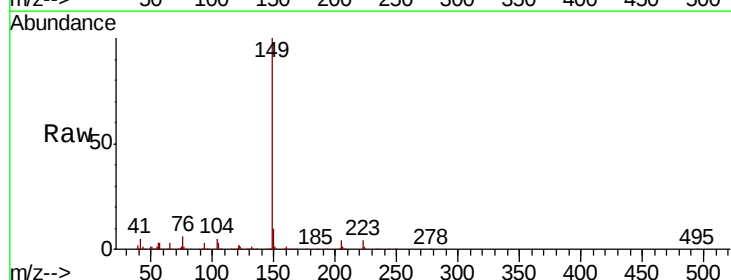
Manual Integrations
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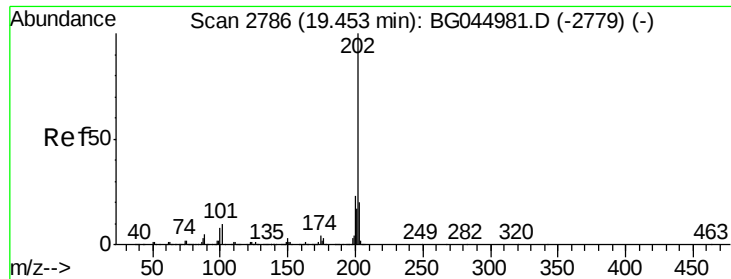
mohammad
 4/28/2020 11:08:02 PM



#74
 Di-n-butylphthalate
 Concen: 8.254 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:	149	Resp:	389529
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.2	12.2
104	5.4	4.8	7.2





#75

Fluoranthene

Concen: 8.623 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

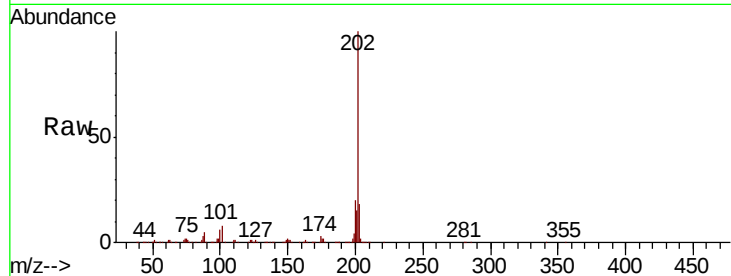
ClientSampleId :

TP-19AMS

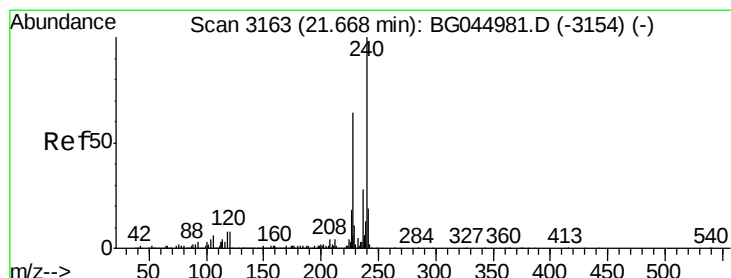
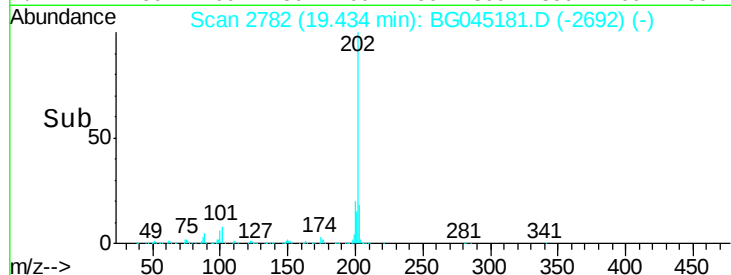
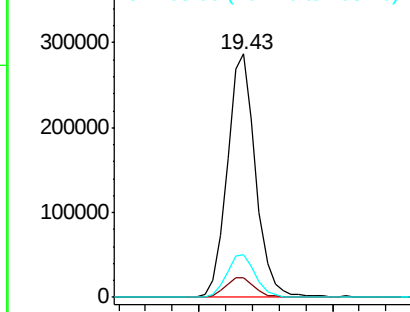
Tot Ion	Ratio	Resp	Lower	Upper
202	100	425719		
101	8.3	0.0	29.6	
203	17.8	0.0	39.7	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

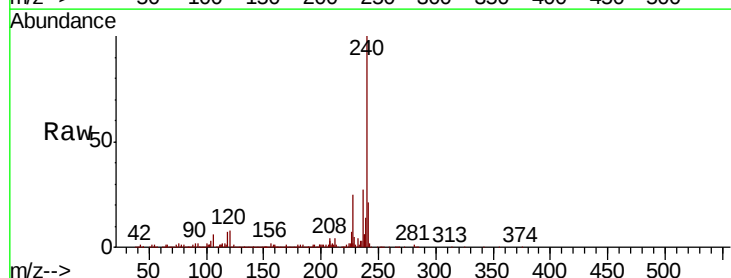
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

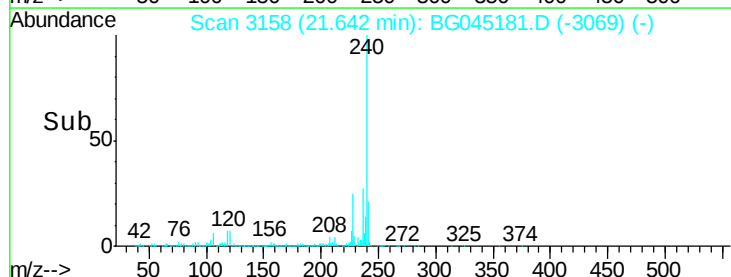
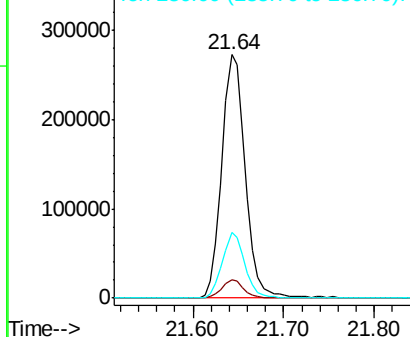
Lab File: BG045181.D

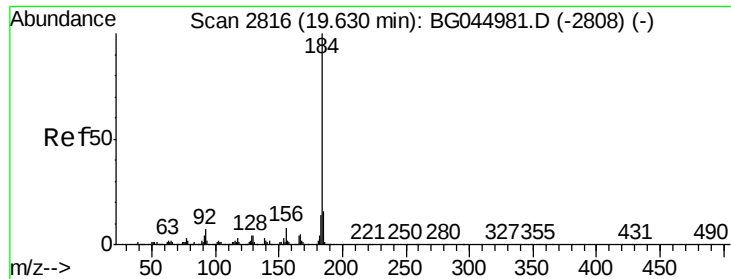
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	489763		
120	7.6	6.6	10.0	
236	26.9	22.2	33.2	



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





#77

Benzidine

Concen: 2.602 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

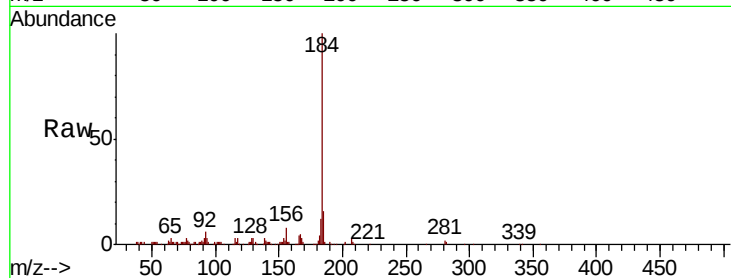
ClientSampleId :

TP-19AMS

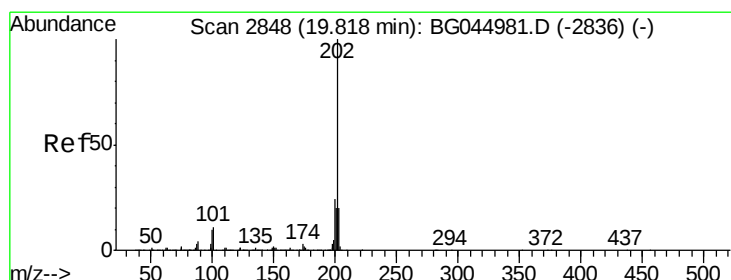
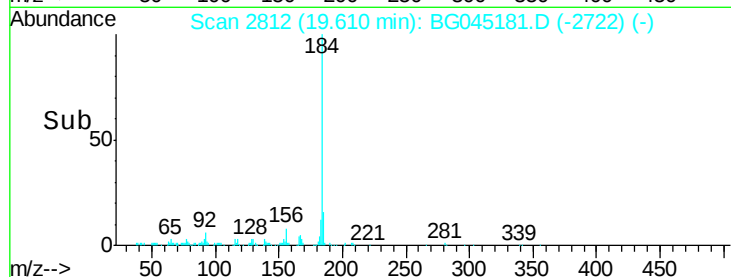
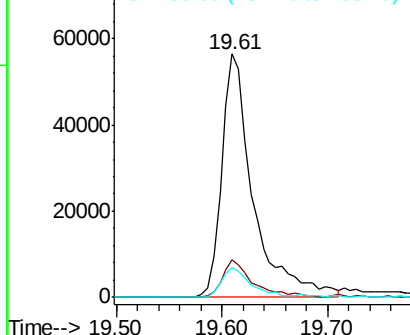
Tot Ion:	184	Resp:	116505
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	19.0
183	12.4	11.3	16.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.738 ng

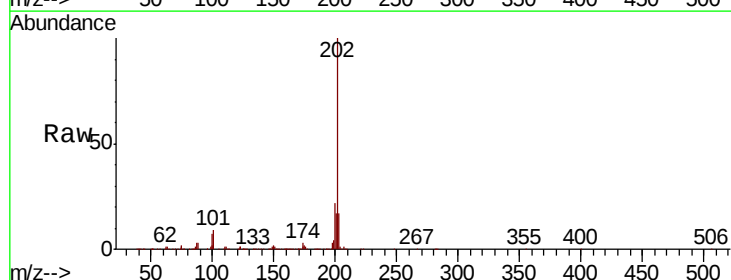
RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

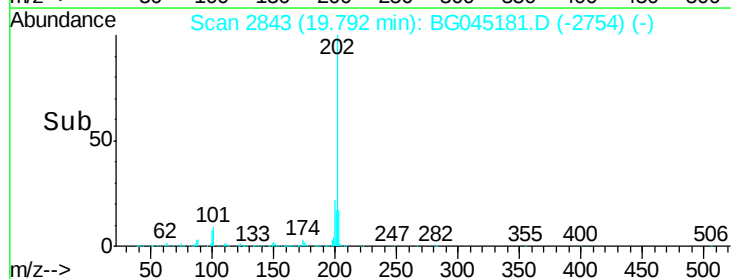
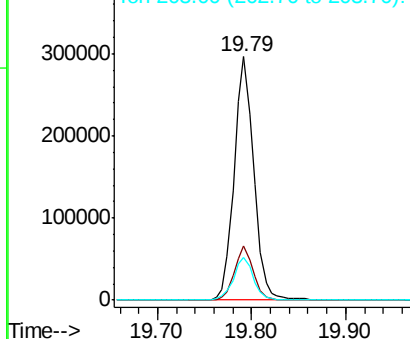
Lab File: BG045181.D

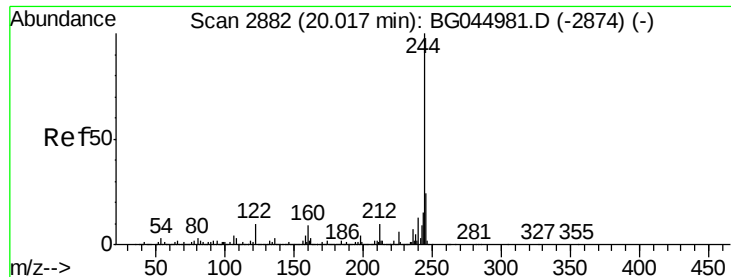
Acq: 27 Apr 2020 16:34

Tgt Ion:	202	Resp:	430103
Ion Ratio	Lower	Upper	
202	100		
200	22.1	19.0	28.6
203	17.4	16.1	24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





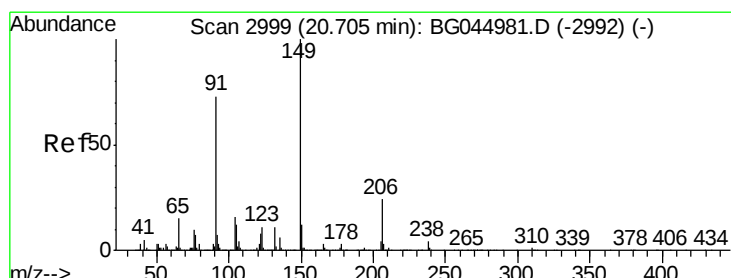
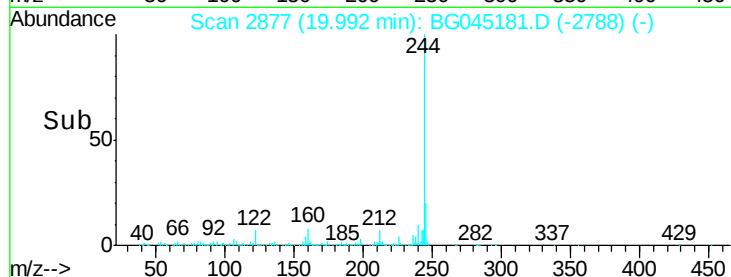
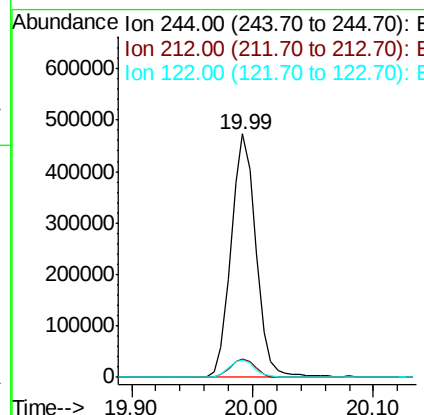
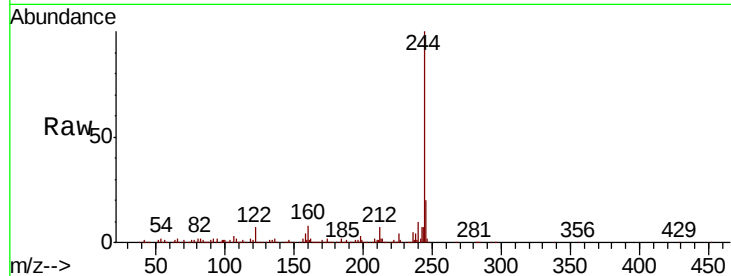
#79
 Terphenyl-d14
 Concen: 30.158 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	677660		
212	7.4		7.9	11.9#
122	7.1		7.7	11.5#

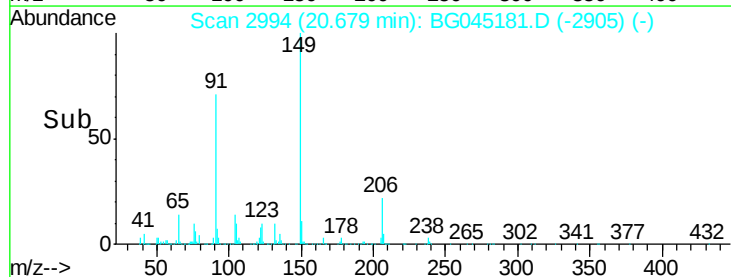
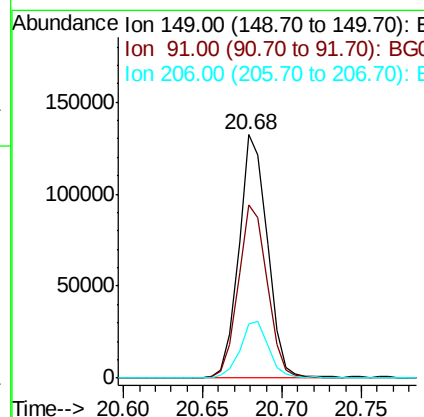
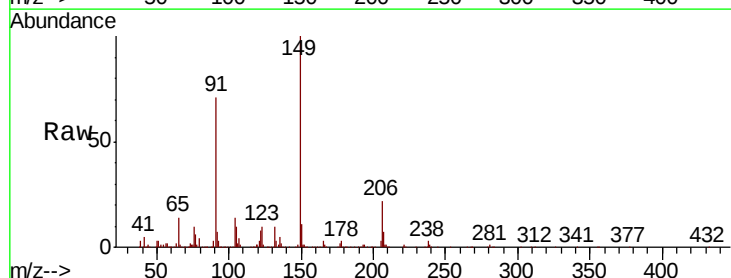
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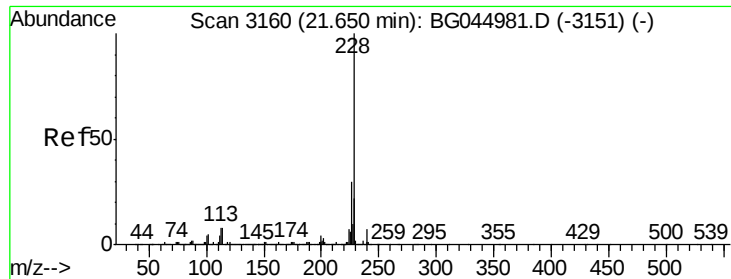
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#80
 Butylbenzylphthalate
 Concen: 11.760 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	164584		
91	71.0		58.5	87.7
206	22.3		19.2	28.8





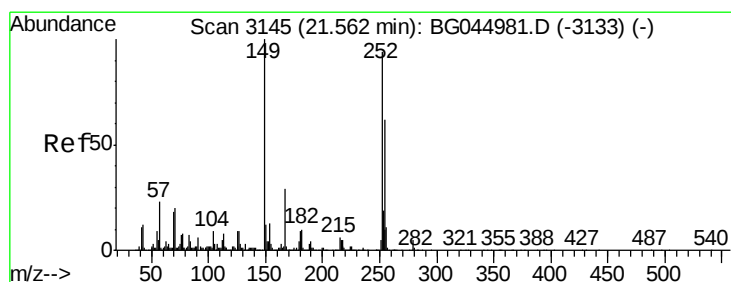
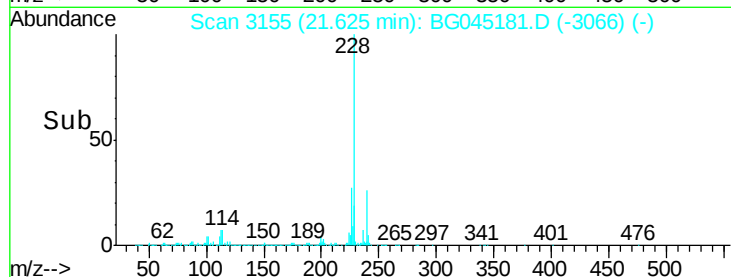
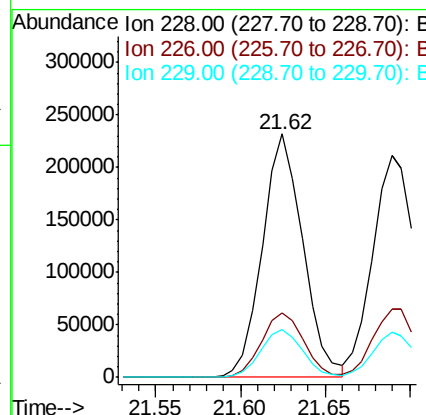
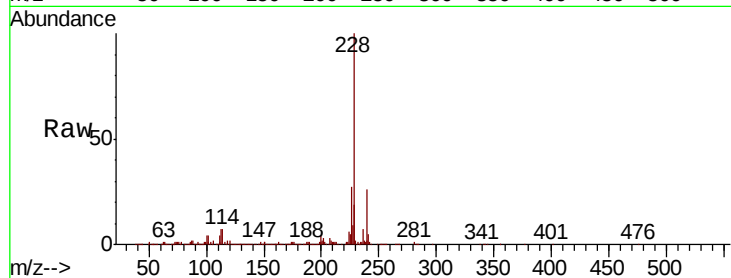
#81
Benzo(a)anthracene
Concen: 12.121 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	24.0	36.0
229	19.4	17.5	26.3

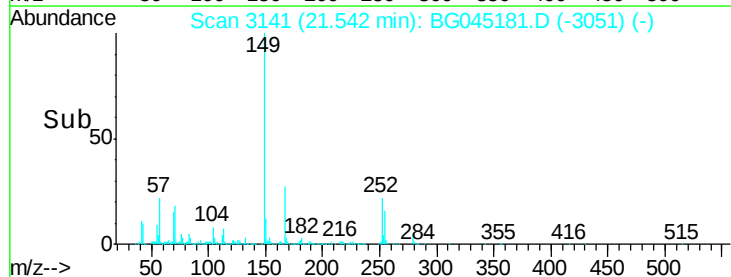
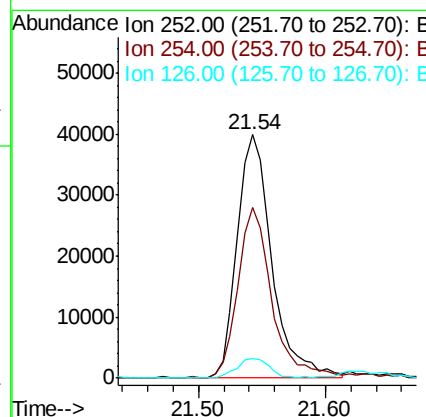
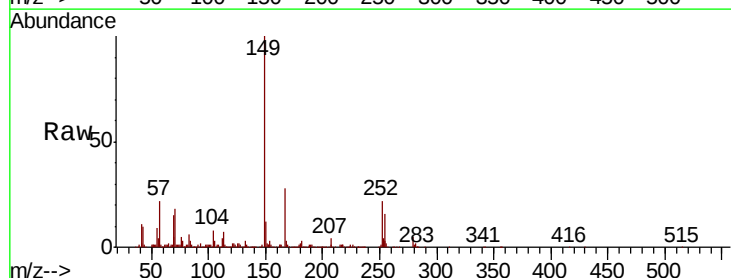
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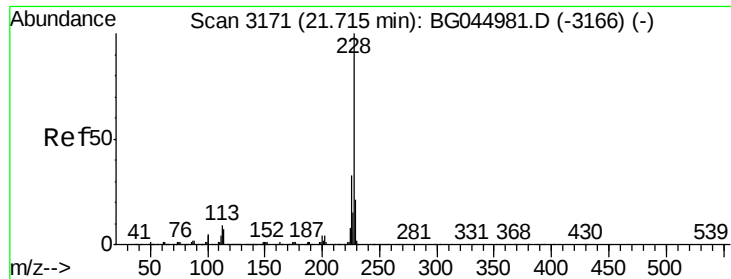
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#82
3,3'-Dichlorobenzidine
Concen: 6.009 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	70.1	52.6	79.0
126	8.3	7.5	11.3





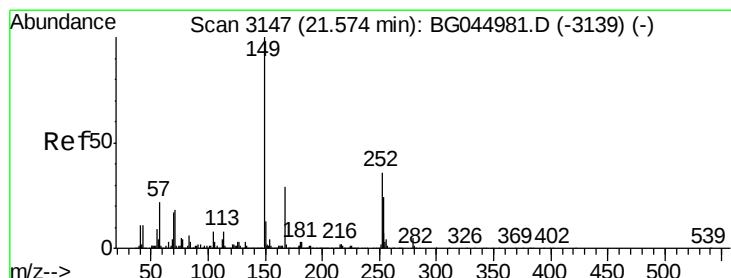
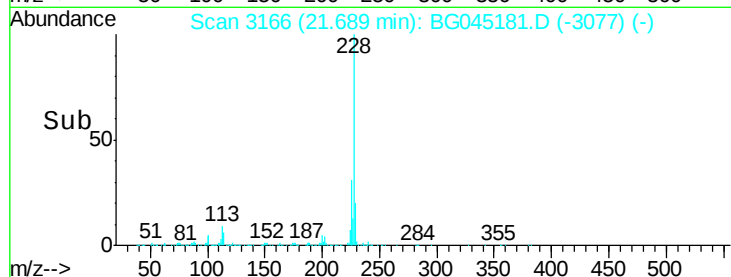
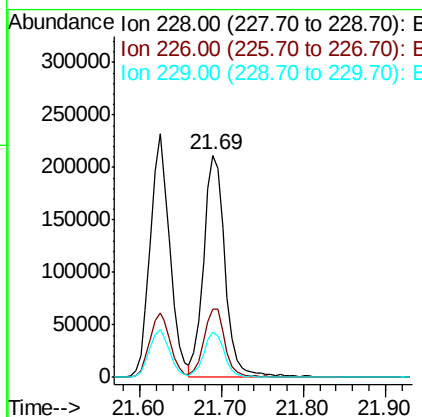
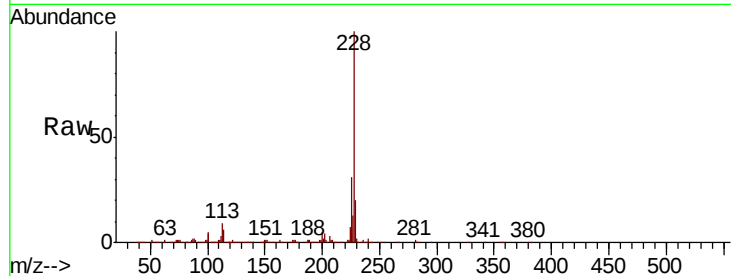
#83
 Chrysene
 Concen: 12.559 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-19AMS

Tot Ion:	228	Resp:	383049
Ion Ratio	Lower	Upper	
228	100		
226	30.8	26.2	39.4
229	20.5	17.0	25.6

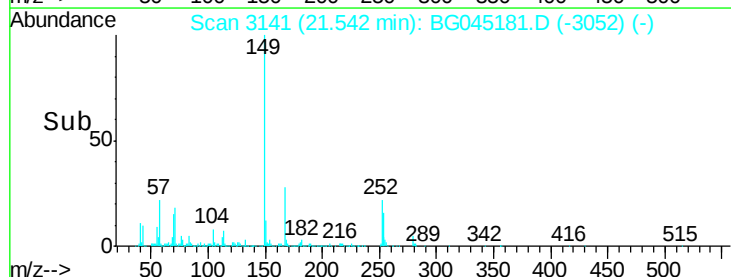
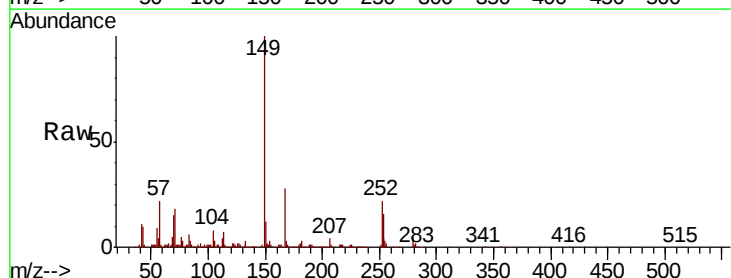
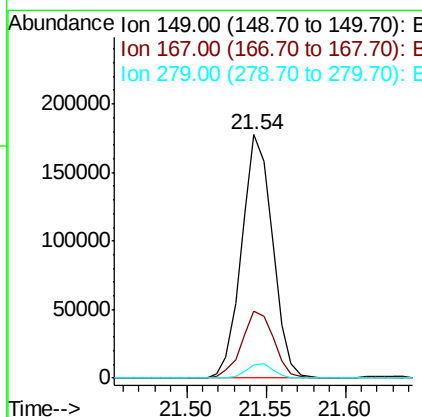
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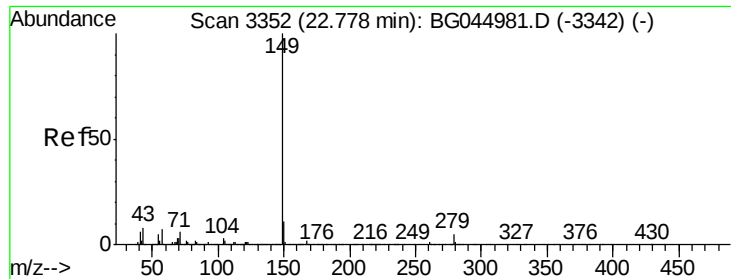
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.494 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG045181.D
 Acq: 27 Apr 2020 16:34

Tgt Ion:	149	Resp:	240500
Ion Ratio	Lower	Upper	
149	100		
167	27.6	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 12.270 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

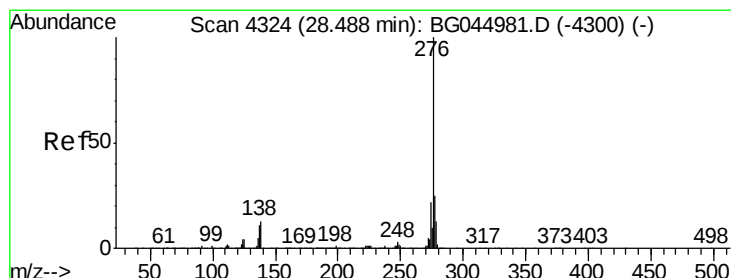
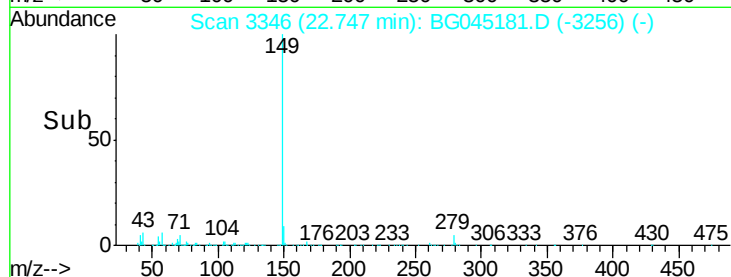
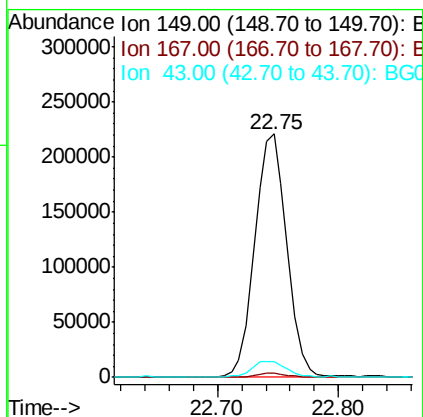
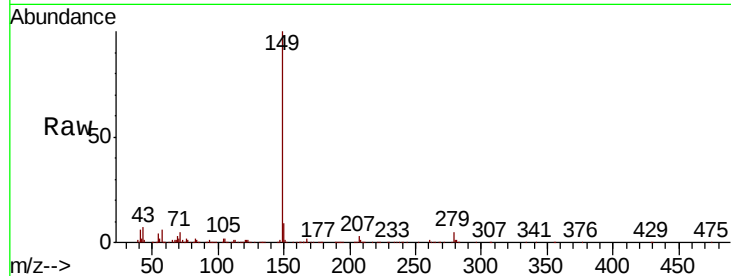
ClientSampled :

TP-19AMS

Tot Ion:	149	Resp:	408427
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	6.9	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 11.777 ng

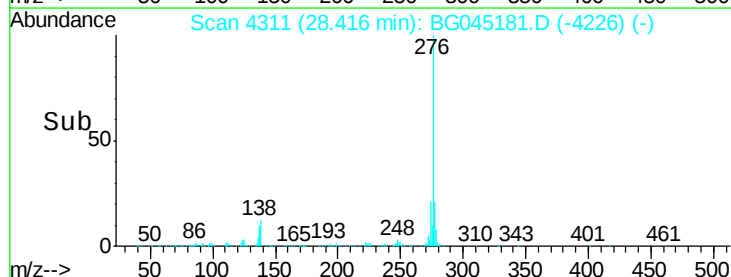
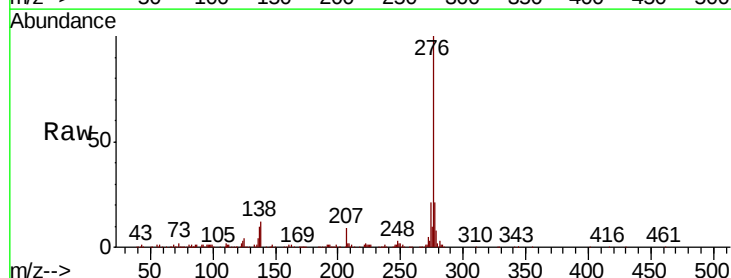
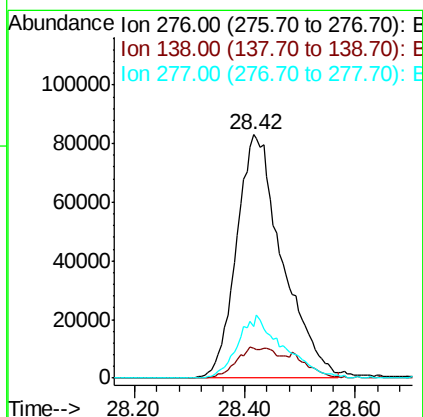
RT: 28.42 min Scan# 4311

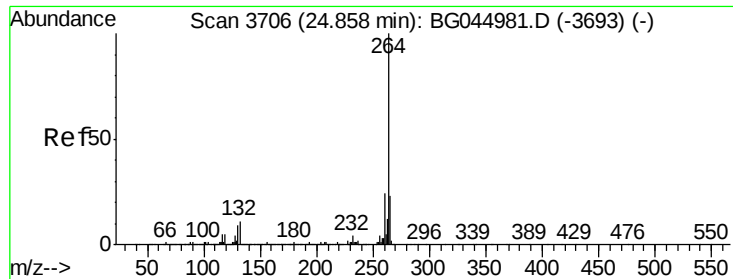
Delta R.T. -0.03 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	276	Resp:	476883
Ion Ratio	Lower	Upper	
276	100		
138	6.7	9.6	14.4#
277	25.6	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Instrument :

BNA_G

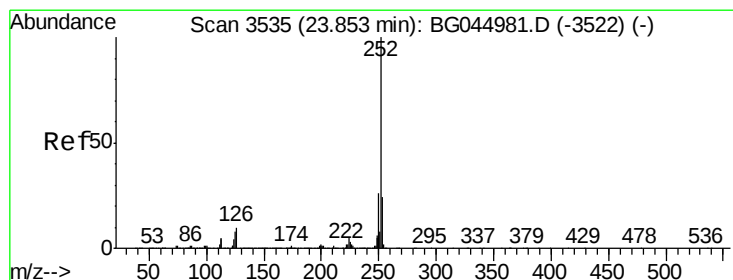
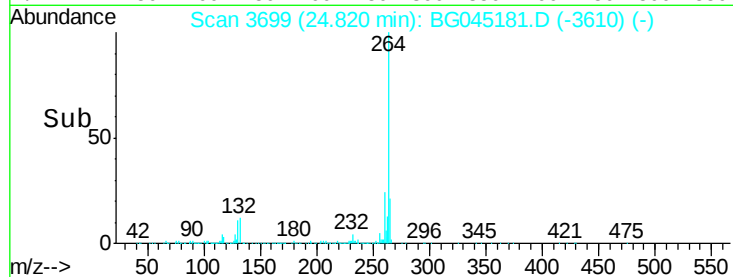
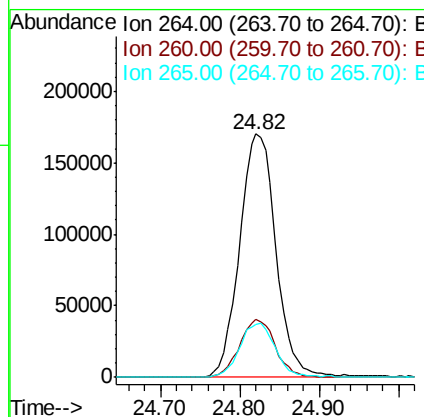
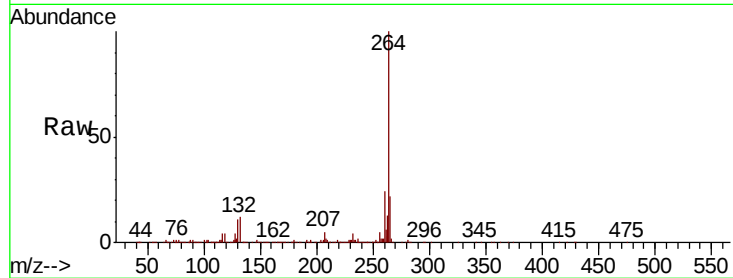
ClientSampleId :

TP-19AMS

Tot Ion:	264	Resp:	539993
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.7	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 11.943 ng

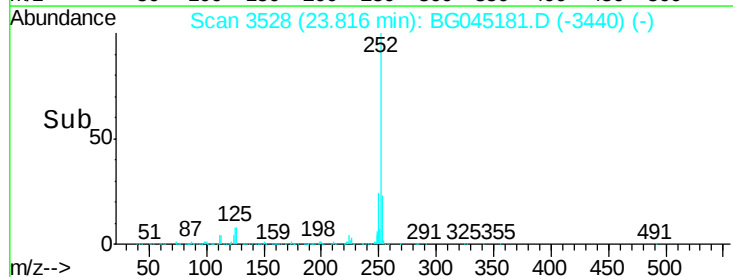
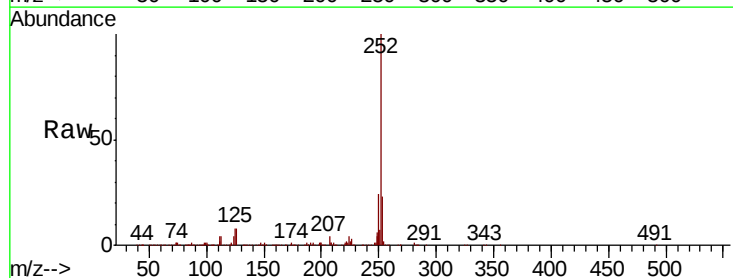
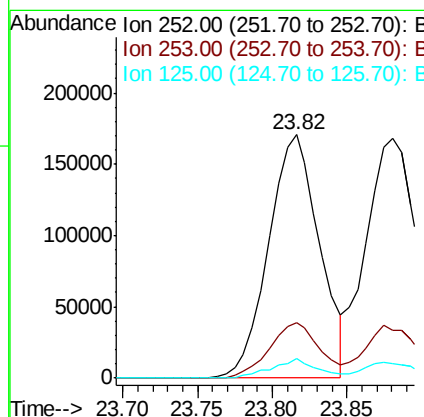
RT: 23.82 min Scan# 3528

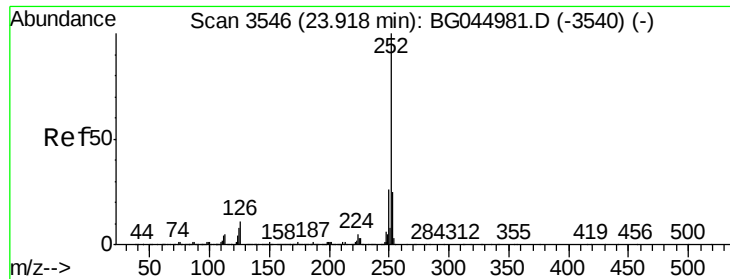
Delta R.T. -0.01 min

Lab File: BG045181.D

Acq: 27 Apr 2020 16:34

Tgt Ion:	252	Resp:	403976
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.8	28.2
125	7.9	6.2	9.4





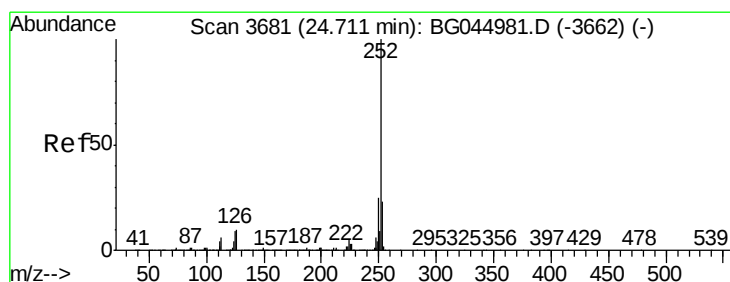
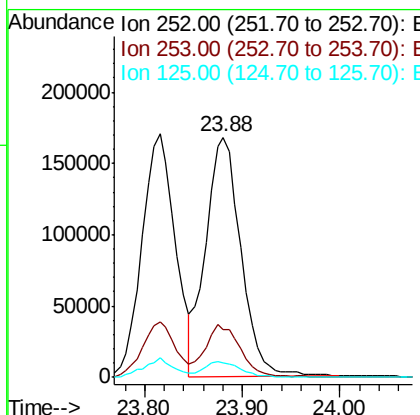
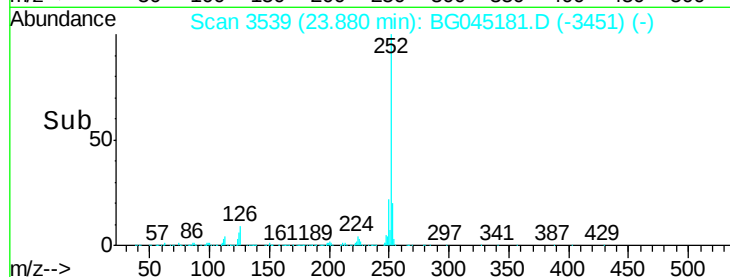
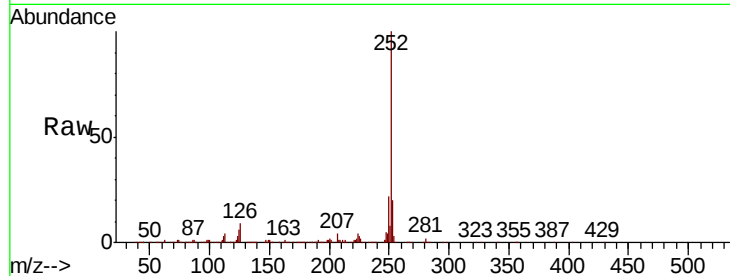
#89
Benzo(k)fluoranthene
Concen: 13.043 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampleId :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	19.2	28.8
125	6.2	5.9	8.9

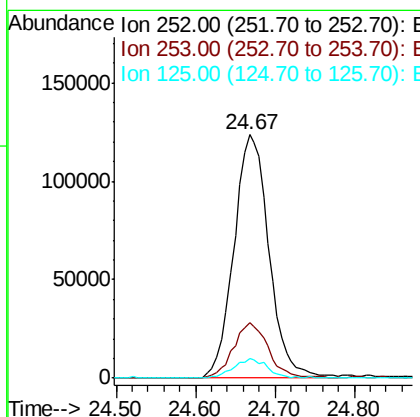
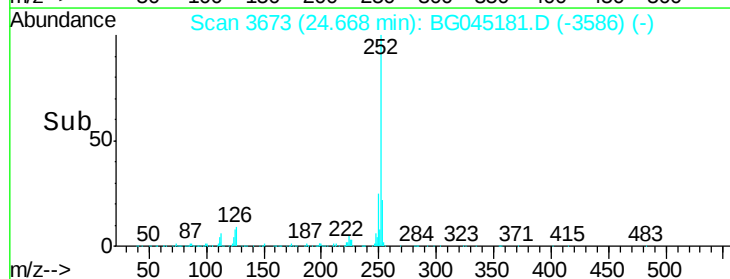
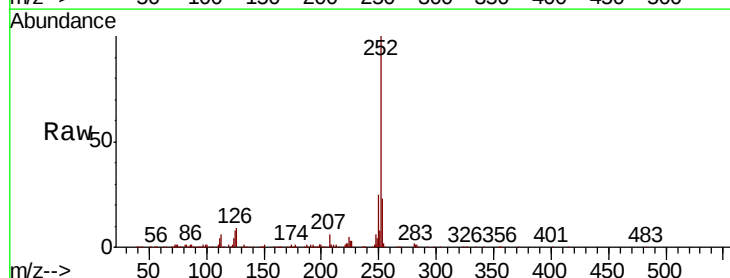
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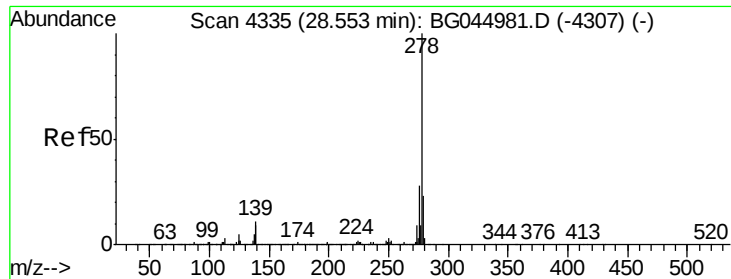
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#90
Benzo(a)pyrene
Concen: 11.880 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.02 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.3	7.0	10.6





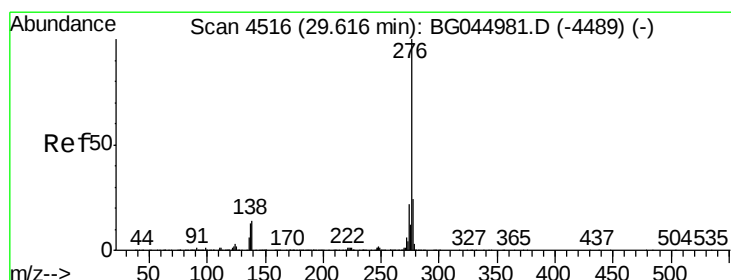
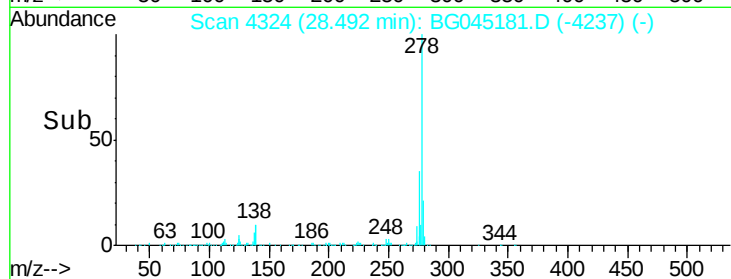
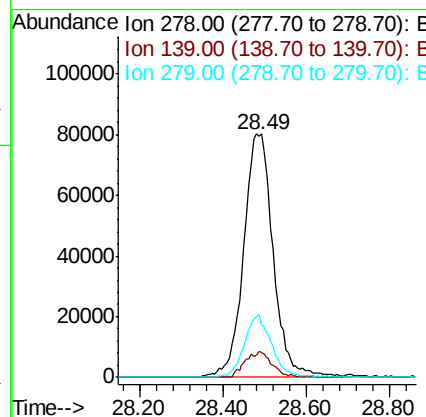
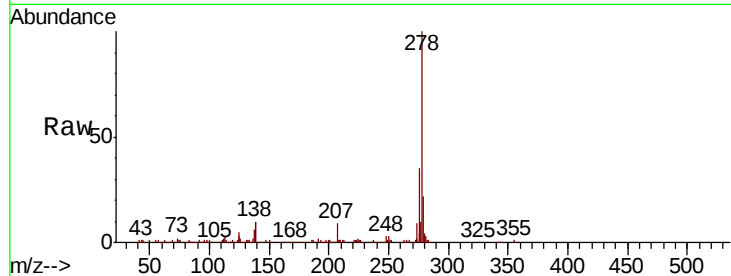
#91
Dibenzo(a,h)anthracene
Concen: 12.275 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Instrument :
BNA_G
ClientSampled :
TP-19AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.0	13.6
279	21.5	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/28/2020 11:08:02 PM



#92
Benzo(g,h,i)perylene
Concen: 12.330 ng
RT: 29.54 min Scan# 4503
Delta R.T. -0.04 min
Lab File: BG045181.D
Acq: 27 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.3	28.9
138	11.4	11.4	17.2#

