

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045071.D
 Acq On : 18 Apr 2020 17:42
 Operator : CG/JU
 Sample : L2283-04MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Manual Integrations
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Quant Time: Apr 20 03:49:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57233	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	249230	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	206562	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496739	20.00	ng	0.00
76) Chrysene-d12	21.67	240	444957	20.00	ng	0.00
87) Perylene-d12	24.85	264	486114	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	514607	148.44	ng	0.00
7) Phenol-d6	7.19	99	815647	158.36	ng	0.00
23) Nitrobenzene-d5	9.18	82	505146	92.48	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	487330	152.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1285730	91.27	ng	0.00
79) Terphenyl-d14	20.01	244	2205114	108.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	73007	47.387	ng	99
3) Pyridine	3.88	79	208784	44.014	ng	98
4) n-Nitrosodimethylamine	3.79	42	82782	56.967	ng	94
6) Aniline	7.34	93	202499	30.238	ng	99
8) 2-Chlorophenol	7.59	128	254147	68.214	ng	99
9) Benzaldehyde	7.15	77	124847	44.353	ng	96
10) Phenol	7.22	94	353851	68.654	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	230328	56.128	ng	99
12) 1,3-Dichlorobenzene	7.91	146	252144	57.432	ng	97
13) 1,4-Dichlorobenzene	8.06	146	255065	58.305	ng	99
14) 1,2-Dichlorobenzene	8.38	146	243776	58.247	ng	95
15) Benzyl Alcohol	8.26	79	271902	62.964	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	214705	53.301	ng	94
17) 2-Methylphenol	8.47	107	245588	61.757	ng	95
18) Hexachloroethane	9.11	117	93913	57.105	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	211676	58.112	ng	96
20) 3+4-Methylphenols	8.79	107	343962	61.795	ng	96
22) Acetophenone	8.85	105	386600	57.361	ng	99
24) Nitrobenzene	9.22	77	325954	58.218	ng	96
25) Isophorone	9.75	82	610533	54.582	ng	97
26) 2-Nitrophenol	9.94	139	152817	63.365	ng	98
27) 2,4-Dimethylphenol	10.00	122	251860	65.817	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	335373	57.064	ng	98
29) 2,4-Dichlorophenol	10.48	162	296470	67.096	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	288145	57.597	ng	99
31) Naphthalene	10.88	128	798886	58.595	ng	99
32) Benzoic acid	10.17	122	219914	68.066	ng	93
33) 4-Chloroaniline	10.98	127	57321	9.015	ng	97
34) Hexachlorobutadiene	11.18	225	195823	57.091	ng	98
35) Caprolactam	11.77	113	111314m	63.297	ng	
36) 4-Chloro-3-methylphenol	12.11	107	346075	66.672	ng	98
37) 2-Methylnaphthalene	12.49	142	628215	59.363	ng	96
38) 1-Methylnaphthalene	12.71	142	614110m	61.470	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	354219	53.260	ng	99

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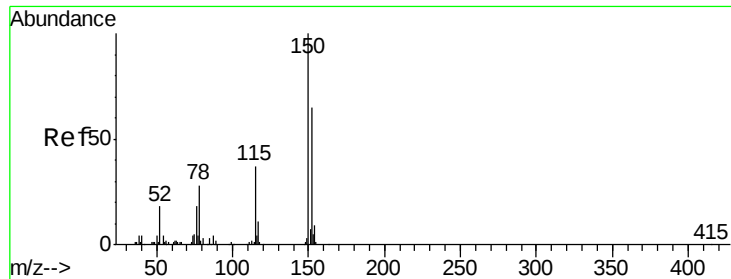
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 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	429946	103.431	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	283016	60.295	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	304274	56.950	nq	98
46) 1,1'-Biphenyl	13.49	154	827616	52.714	nq	99
47) 2-Chloronaphthalene	13.53	162	649764	54.163	nq	99
48) 2-Nitroaniline	13.73	65	222546	56.383	nq	98
49) Acenaphthylene	14.38	152	1080364	55.288	nq	99
50) Dimethylphthalate	14.12	163	1074174	63.866	nq	97
51) 2,6-Dinitrotoluene	14.23	165	213284	56.695	nq	96
52) Acenaphthene	14.72	154	865251m	65.445	nq	
53) 3-Nitroaniline	14.56	138	78040	18.914	nq	98
54) 2,4-Dinitrophenol	14.76	184	298420	133.403	nq	95
55) Dibenzofuran	15.05	168	1071443	55.586	nq	94
56) 4-Nitrophenol	14.87	139	367112	114.753	nq	95
57) 2,4-Dinitrotoluene	15.01	165	305001	55.478	nq	98
58) Fluorene	15.71	166	900287	57.181	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	300701	63.253	nq	99
60) Diethylphthalate	15.48	149	955248	54.474	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	505290	55.757	nq	98
62) 4-Nitroaniline	15.72	138	217934	50.925	nq	97
63) Azobenzene	15.99	77	918284	56.799	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	209406	64.135	nq	98
66) n-Nitrosodiphenylamine	15.91	169	825228	57.820	nq	100
67) 4-Bromophenyl-phenylether	16.59	248	359538	56.105	nq	97
68) Hexachlorobenzene	16.72	284	379461	57.094	nq	98
69) Atrazine	16.86	200	340124	67.754	nq	98
70) Pentachlorophenol	17.06	266	503466	123.483	nq	98
71) Phenanthrene	17.45	178	1448145	56.732	nq	98
72) Anthracene	17.54	178	1467114	57.297	nq	99
73) Carbazole	17.80	167	1357577	52.246	nq	100
74) Di-n-butylphthalate	18.37	149	1576538	57.411	nq	99
75) Fluoranthene	19.45	202	1746072	60.294	nq	99
77) Benzidine	19.63	184	776748	62.600	nq	98
78) Pyrene	19.81	202	1681036	54.801	nq	100
80) Butylbenzylphthalate	20.70	149	709971	55.836	nq	98
81) Benzo(a)anthracene	21.65	228	1653275	57.327	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	353586	30.803	nq	99
83) Chrysene	21.72	228	1578884	56.980	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	978389	55.946	nq	99
85) Di-n-octyl phthalate	22.77	149	1684547	55.704	nq	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	2202481	59.867	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	1822446	59.850	nq	98
89) Benzo(k)fluoranthene	23.92	252	1732159	59.816	nq	99
90) Benzo(a)pyrene	24.71	252	1665786	57.941	nq	98
91) Dibenzo(a,h)anthracene	28.55	278	1767800	61.023	nq	96
92) Benzo(g,h,i)perylene	29.62	276	1792513	61.718	nq	97

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



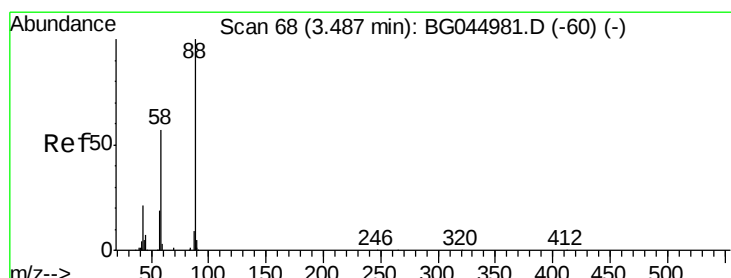
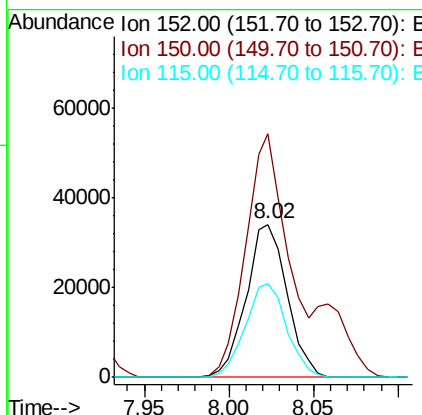
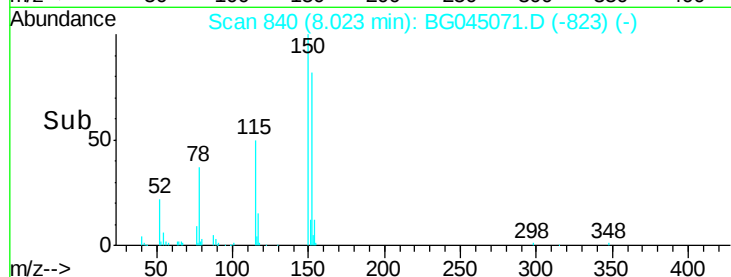
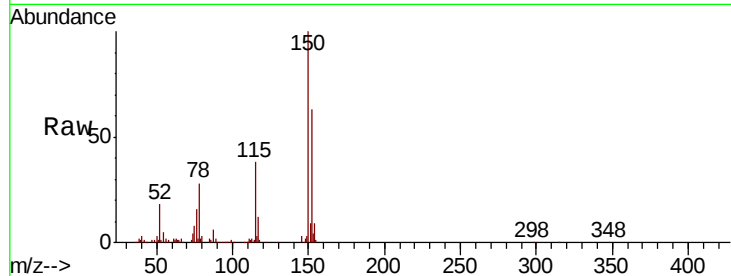
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion:	152	Resp:	57233
Ion Ratio	Lower	Upper	
152	100		
150	159.1	123.6	185.4
115	61.2	49.1	73.7

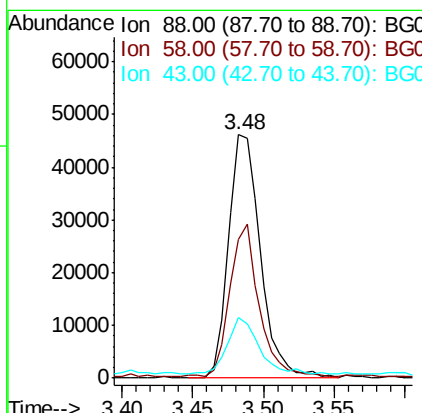
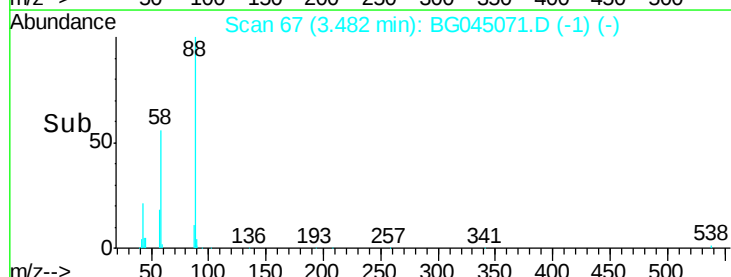
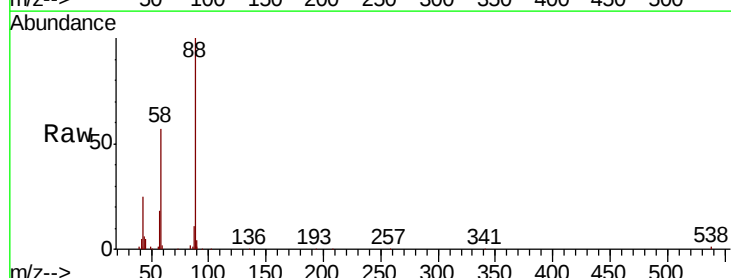
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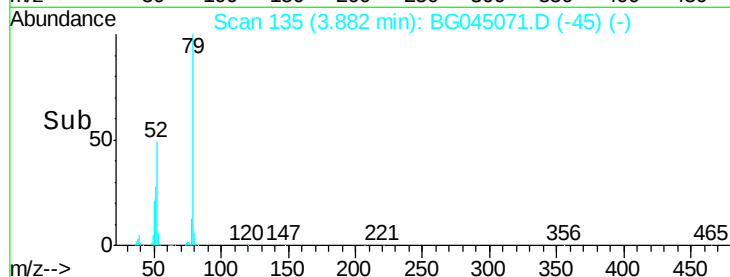
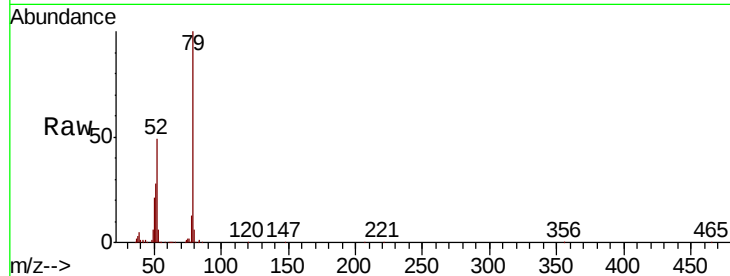
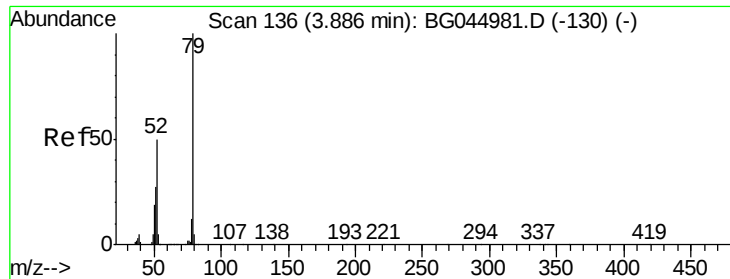
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#2
 1,4-Dioxane
 Concen: 47.387 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion:	88	Resp:	73007
Ion Ratio	Lower	Upper	
88	100		
58	57.7	46.6	69.8
43	23.0	17.5	26.3





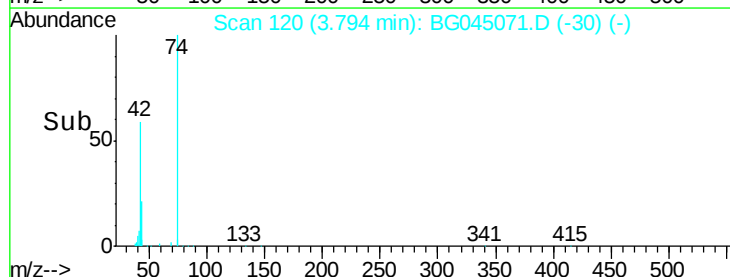
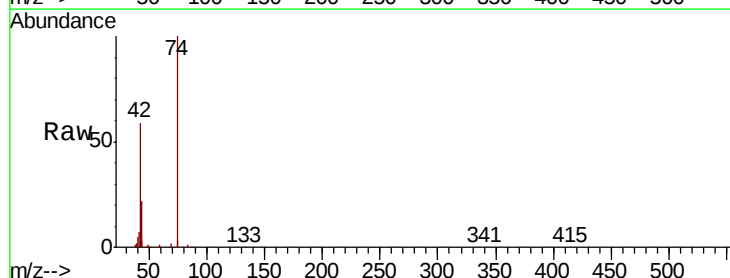
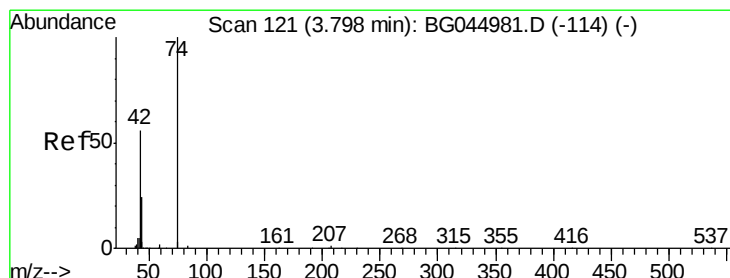
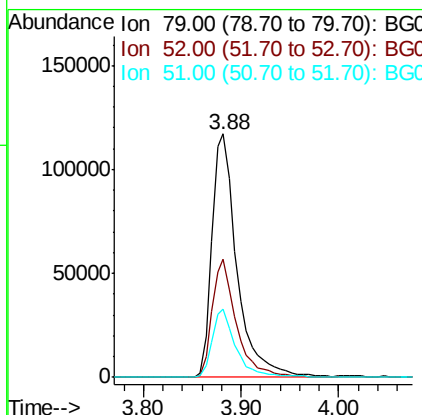
#3
Pvridine
Concen: 44.014 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		208784		
52	48.5	39.8	59.6		
51	27.9	21.4	32.2		

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

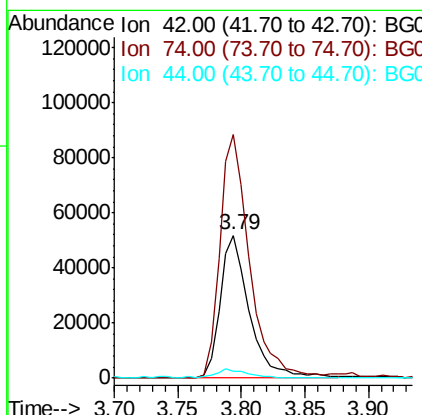
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#4
n-Nitrosodimethylamine
Concen: 56.967 ng
RT: 3.79 min Scan# 120
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		82782		
74	170.3	143.0	214.6		
44	5.1	4.6	6.8		





#5

2-Fluorophenol

Concen: 148.444 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

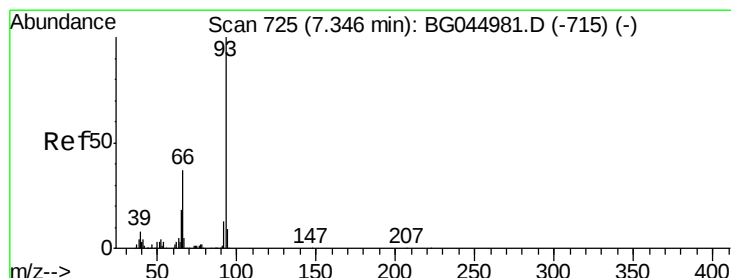
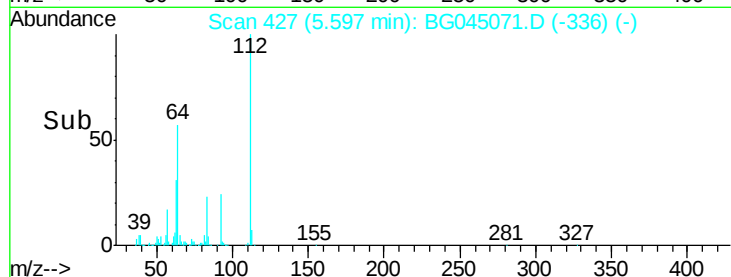
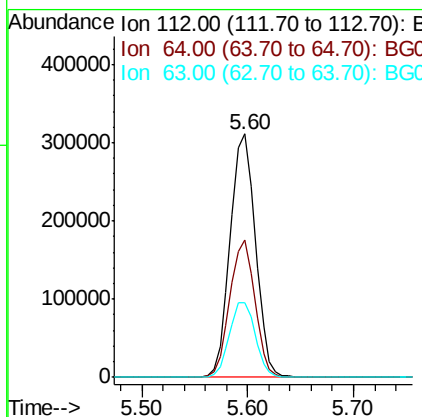
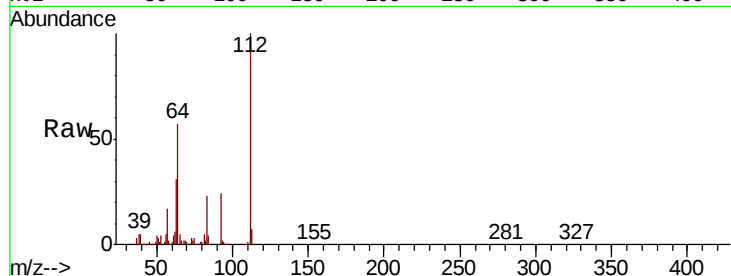
ClientSampleId :

PA-5MSD

Tot Ion:	112	Resp:	514607
Ion Ratio	Lower	Upper	
112	100		
64	56.7	42.4	63.6
63	30.9	23.1	34.7

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#6

Aniline

Concen: 30.238 ng

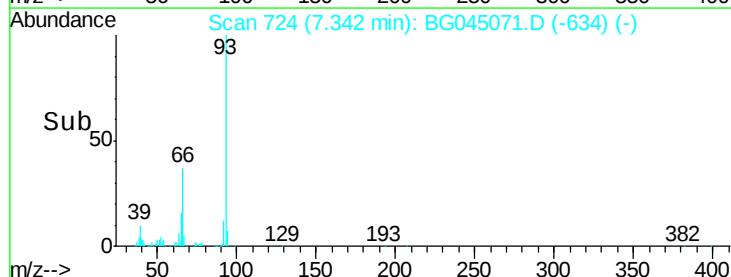
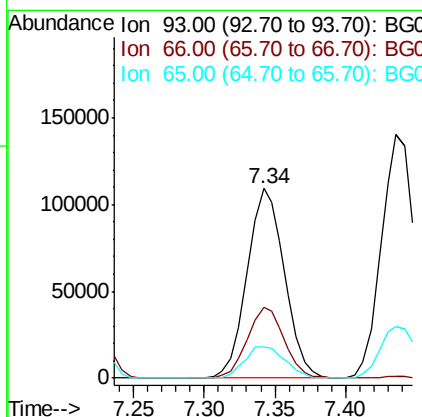
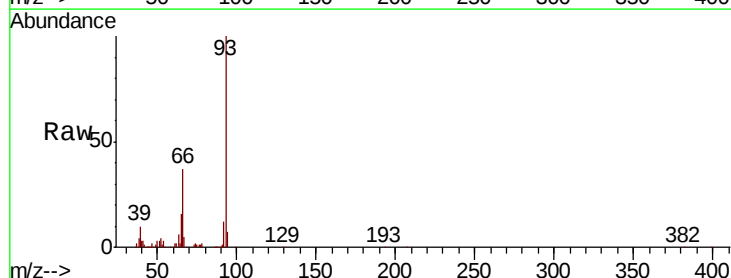
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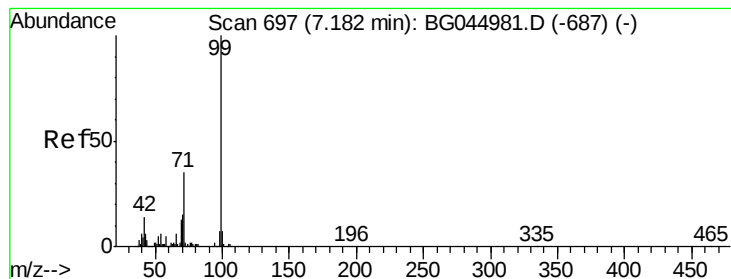
Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	93	Resp:	202499
Ion Ratio	Lower	Upper	
93	100		
66	37.2	29.8	44.8
65	16.5	14.6	22.0





#7

Phenol-d6

Concen: 158.359 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

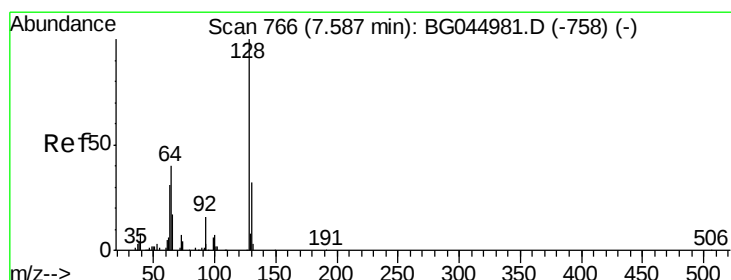
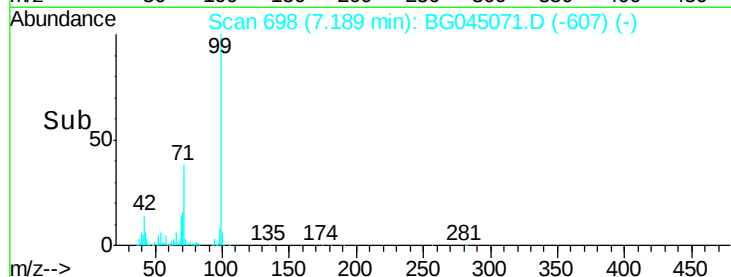
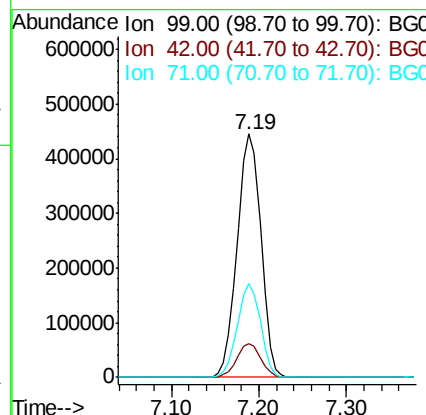
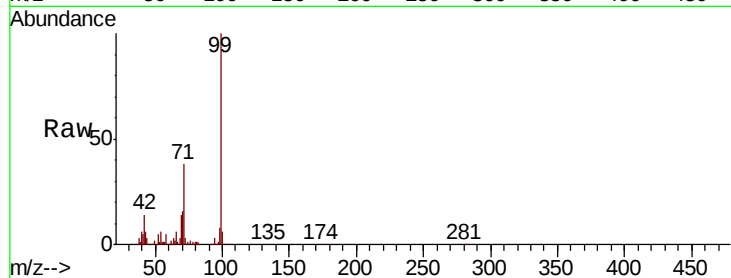
ClientSampleId :

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Tot Ion:	99	Resp:	815647
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.3	16.9
71	38.5	28.3	42.5

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#8

2-Chlorophenol

Concen: 68.214 ng

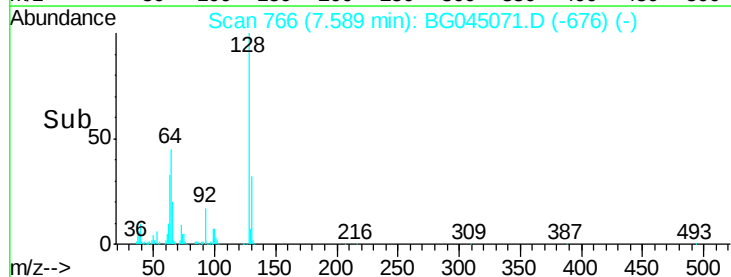
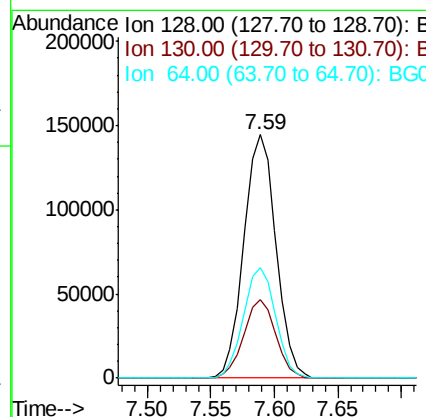
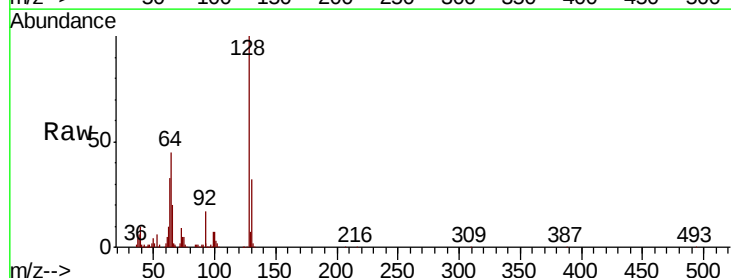
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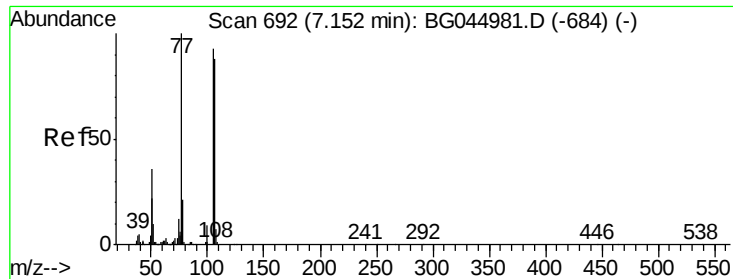
Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	128	Resp:	254147
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.3	52.3
64	45.4	24.4	64.4





#9

Benzaldehyde

Concen: 44.353 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

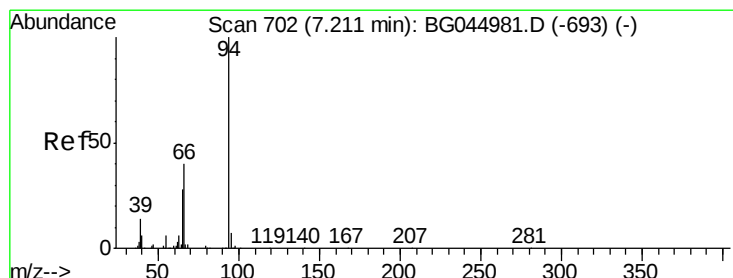
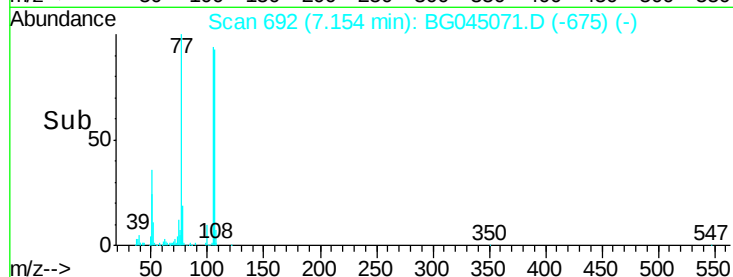
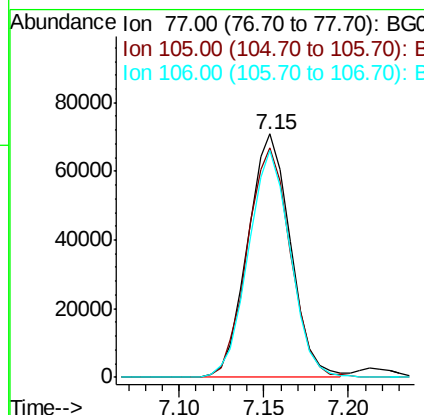
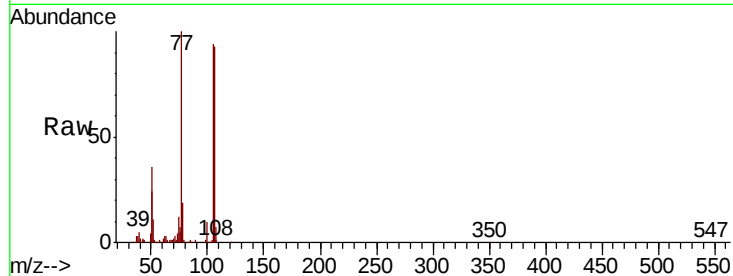
ClientSampleId :

PA-5MSD

Tot Ion:	77	Resp:	124847
Ion Ratio	Lower	Upper	
77	100		
105	94.3	72.9	112.9
106	93.4	67.6	107.6

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#10

Phenol

Concen: 68.654 ng

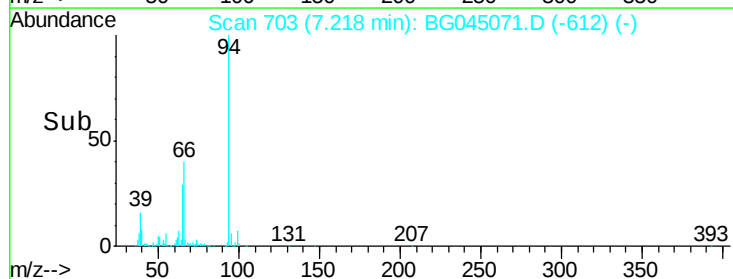
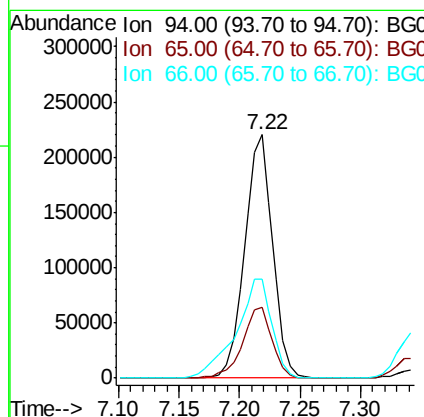
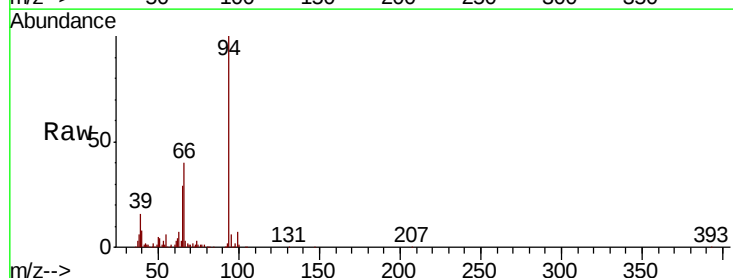
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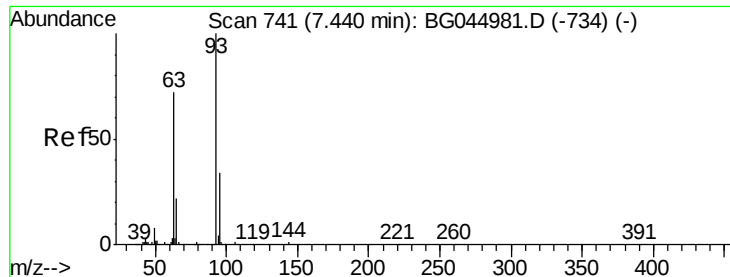
Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	94	Resp:	353851
Ion Ratio	Lower	Upper	
94	100		
65	29.0	8.2	48.2
66	40.5	20.4	60.4





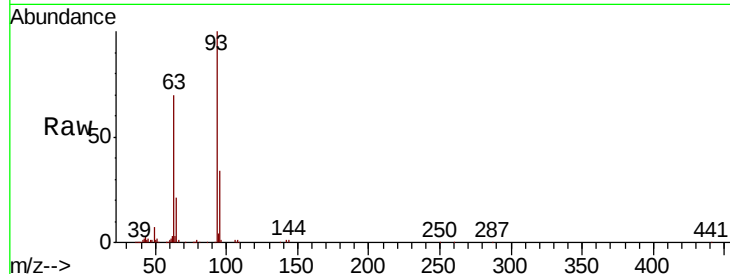
#11
bis(2-Chloroethyl)ether
Concen: 56.128 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

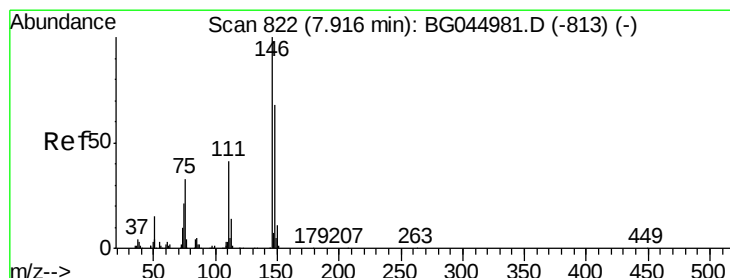
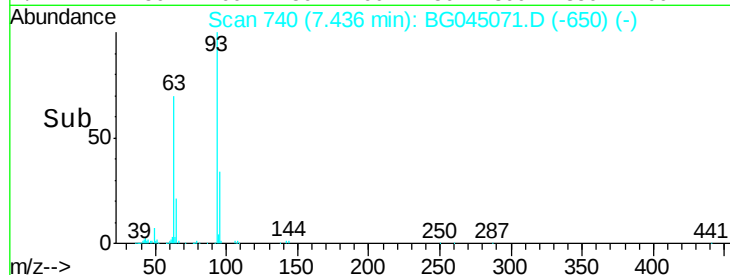
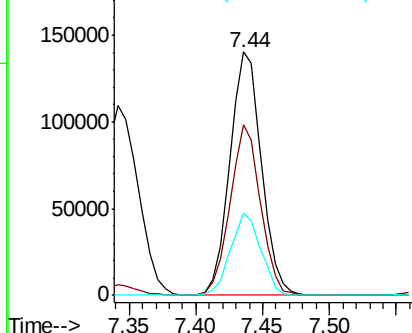
Tot Ion:	93	Resp:	230328
Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.8	91.8
95	34.0	13.8	53.8

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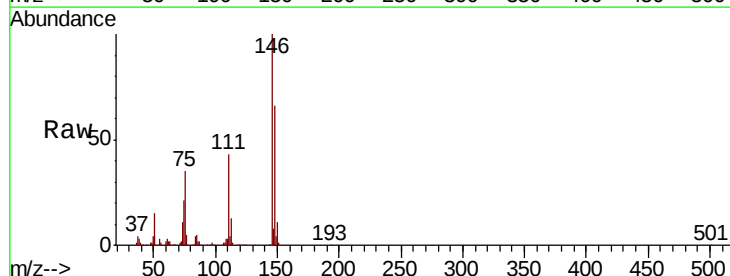


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

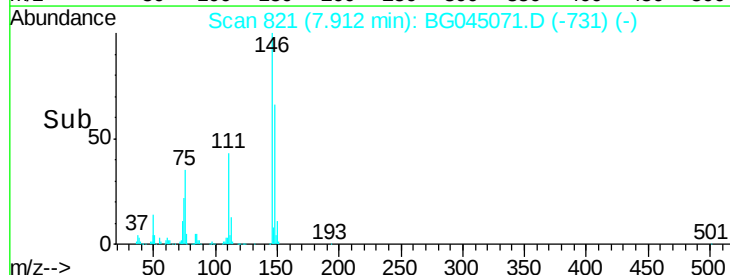
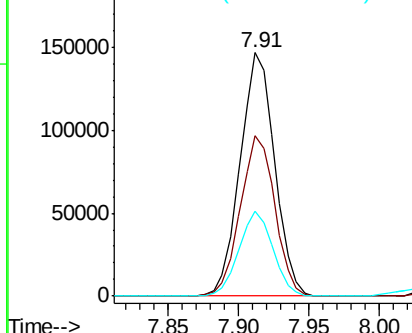


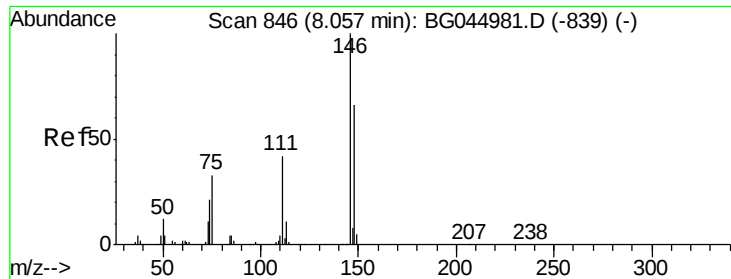
#12
1,3-Dichlorobenzene
Concen: 57.432 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion:	146	Resp:	252144
Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.6	81.8
75	35.0	26.0	39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





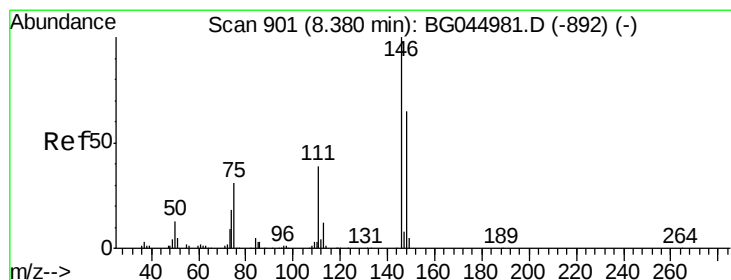
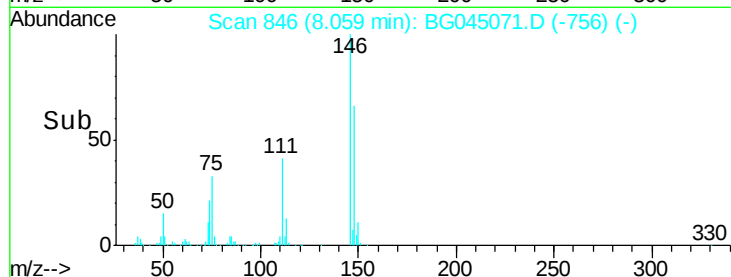
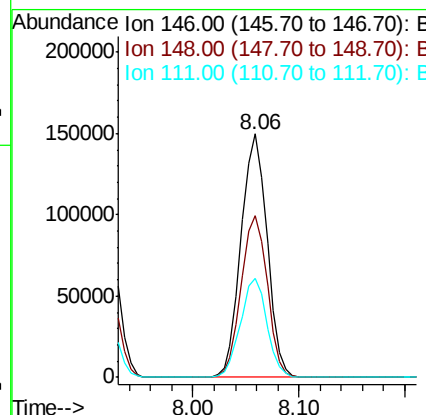
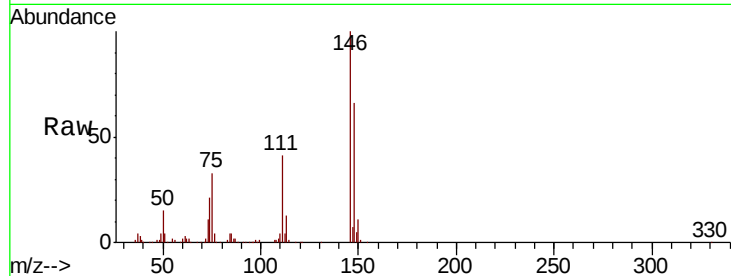
#13
 1,4-Dichlorobenzene
 Concen: 58.305 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.3	79.9
111	40.8	33.8	50.8

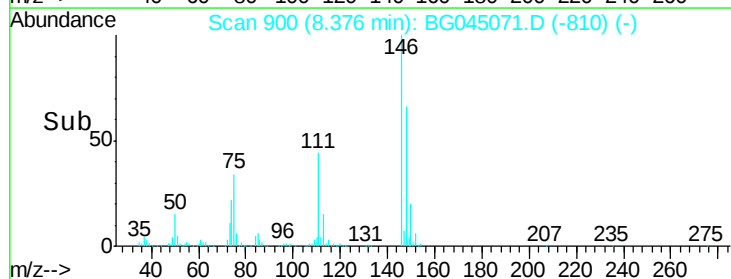
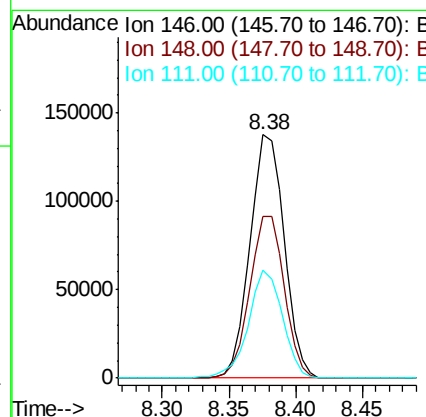
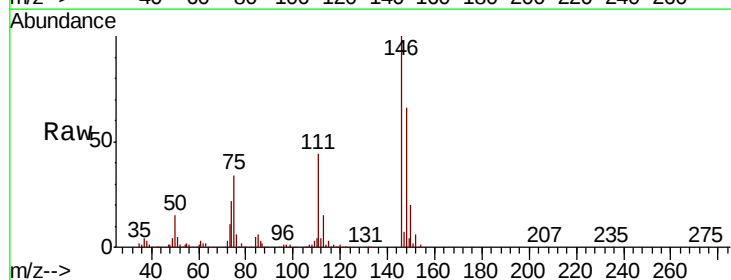
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#14
 1,2-Dichlorobenzene
 Concen: 58.247 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.9	77.9
111	44.4	31.3	46.9





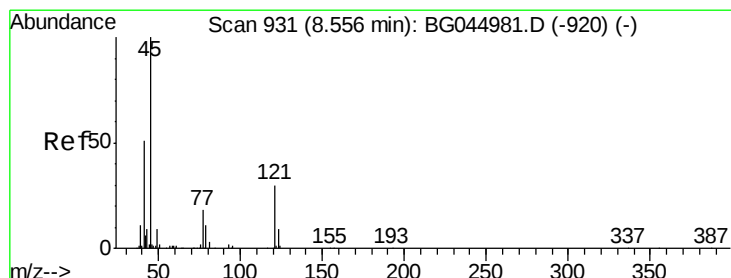
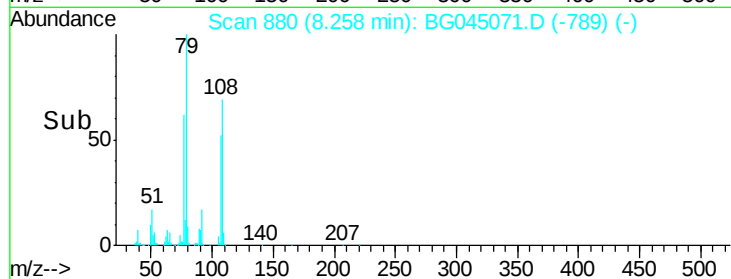
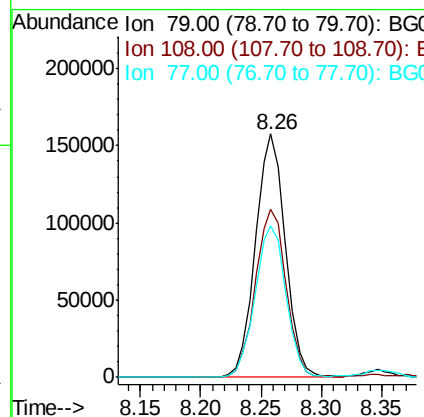
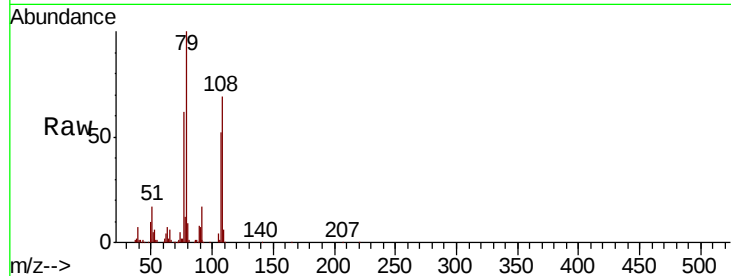
#15
Benzyl Alcohol
Concen: 62.964 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.1	52.7	79.1
77	62.3	51.3	76.9

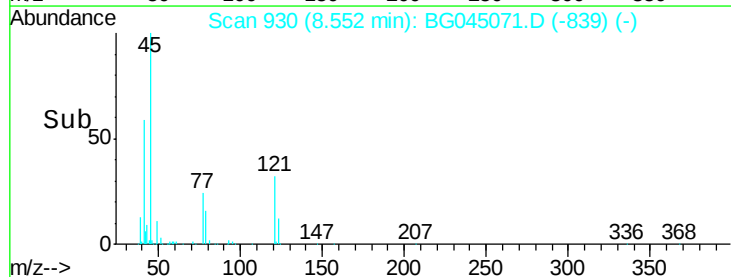
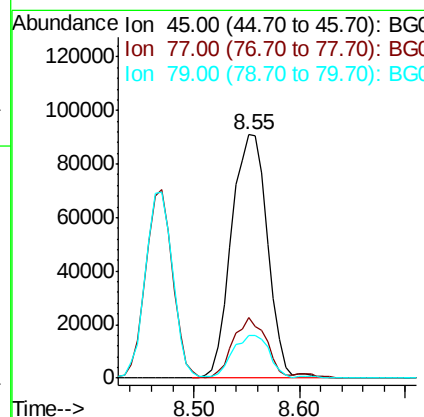
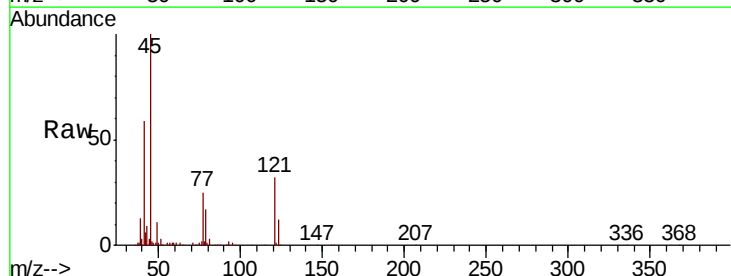
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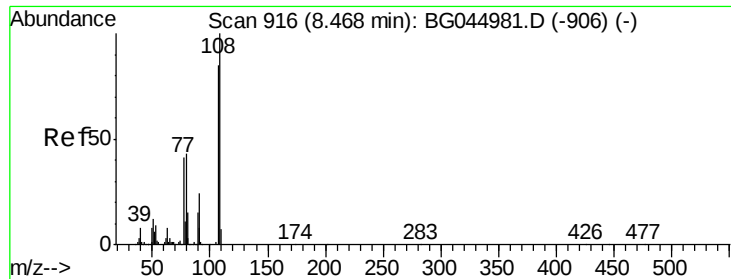
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#16
2,2'-oxybis(1-chloropropane)
Concen: 53.301 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.1	1.9	41.9
79	17.3	0.0	35.5





#17

2-Methylphenol

Concen: 61.757 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

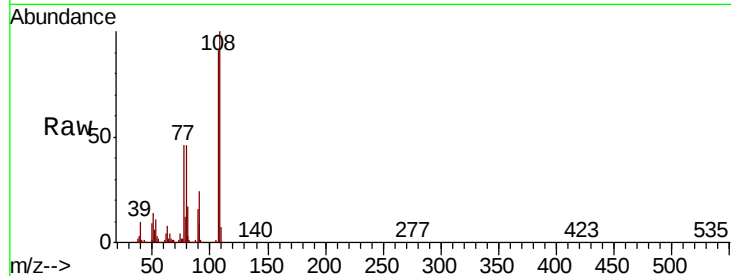
ClientSampleId :

PA-5MSD

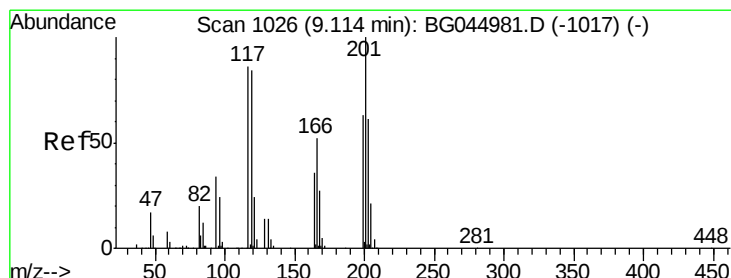
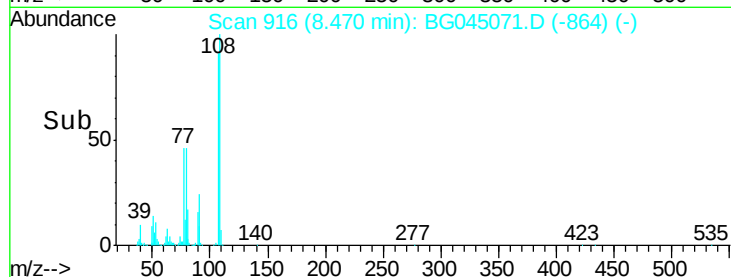
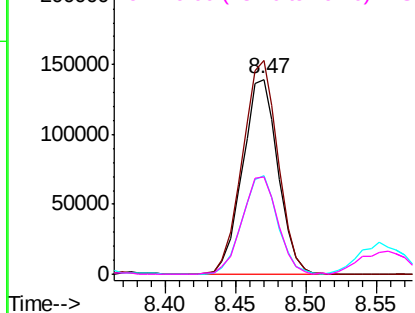
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	93.8	140.6	
77	50.3	38.5	57.7	
79	49.9	40.1	60.1	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 57.105 ng

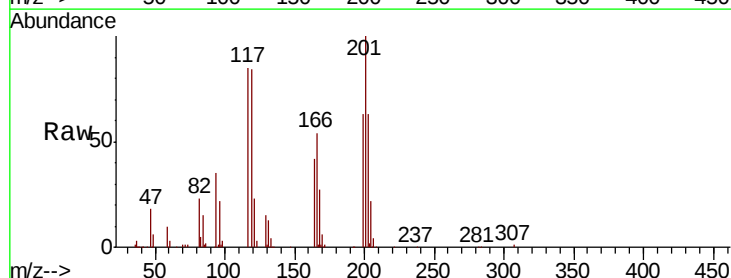
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

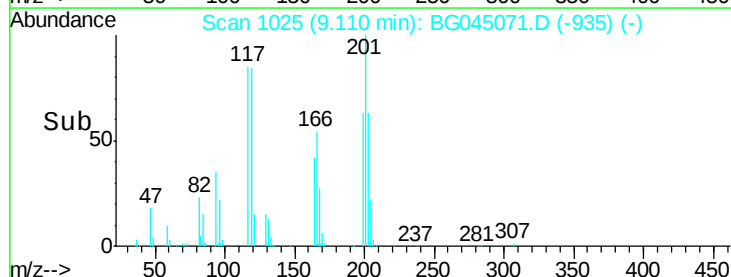
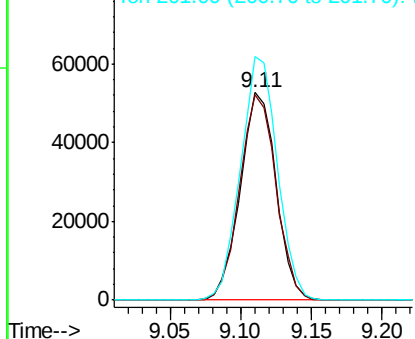
Lab File: BG045071.D

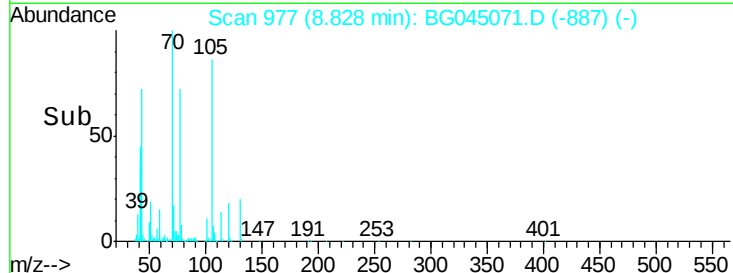
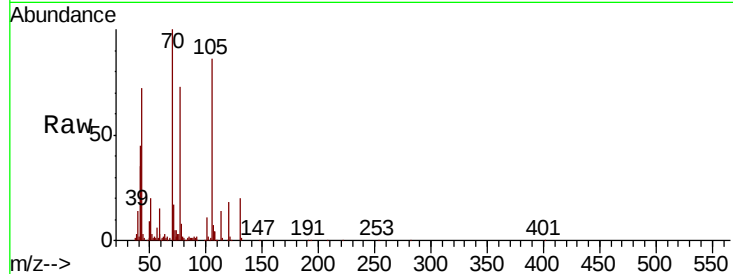
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	78.3	117.5	
201	117.4	92.9	139.3	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





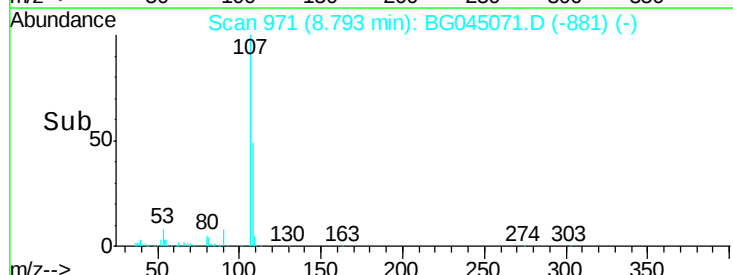
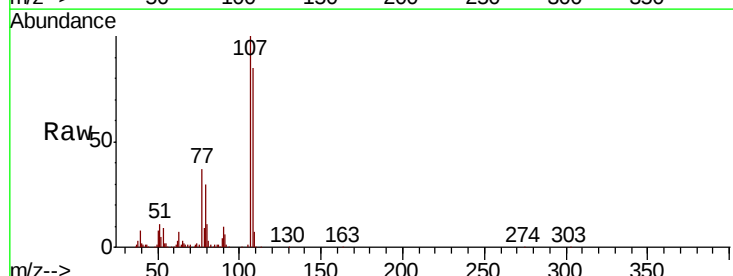
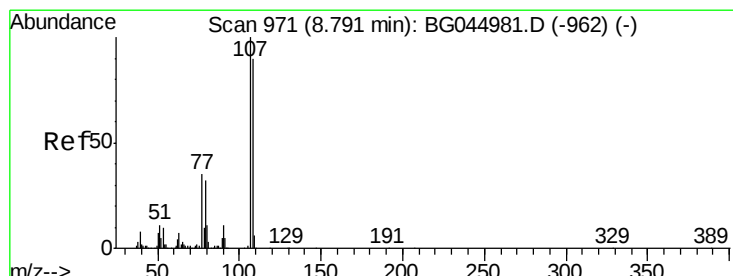
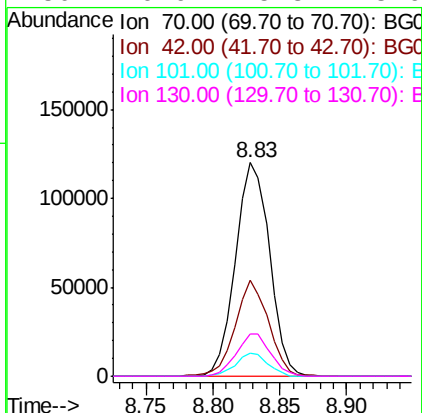
#19
n-Nitroso-di-n-propylamine
Concen: 58.112 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		211676		
42	45.1	33.3	49.9		
101	10.5	7.8	11.8		
130	19.9	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

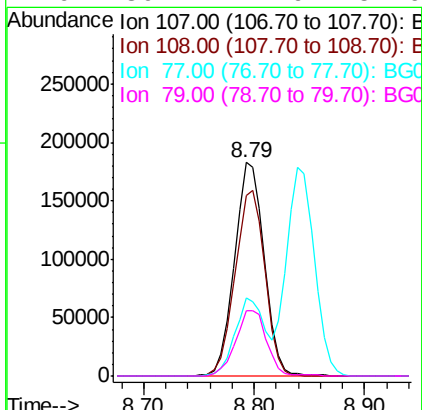
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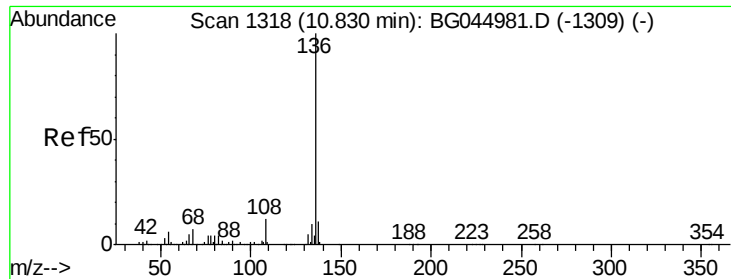
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#20
3+4-Methylphenols
Concen: 61.795 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		343962		
108	84.6	69.9	109.9		
77	36.7	15.2	55.2		
79	30.4	11.6	51.6		





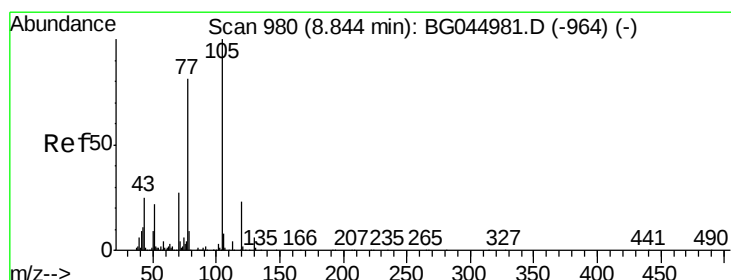
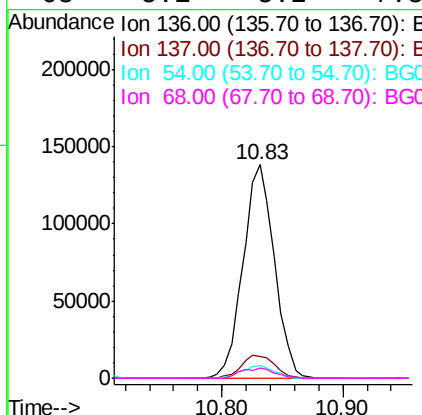
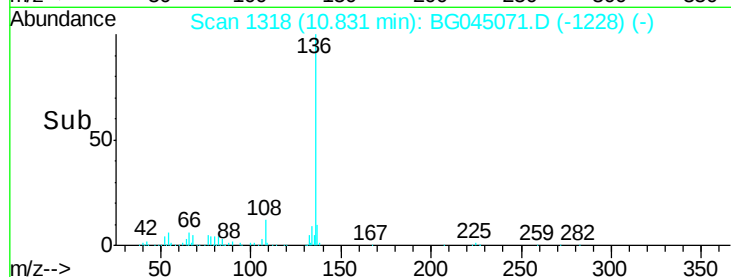
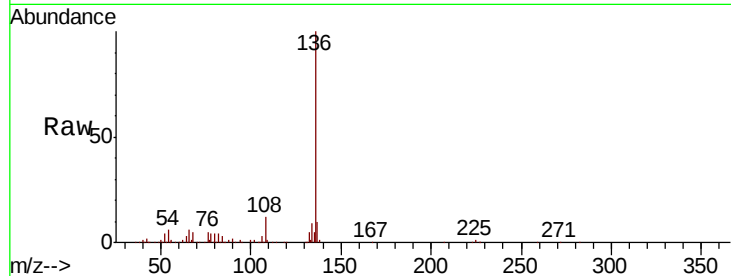
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	249230		
137	10.3	8.6	13.0	
54	6.0	4.8	7.2	
68	5.1	5.2	7.8	

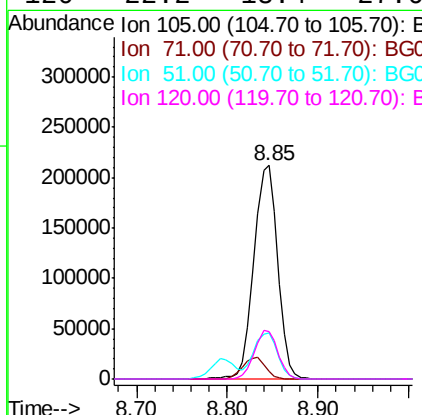
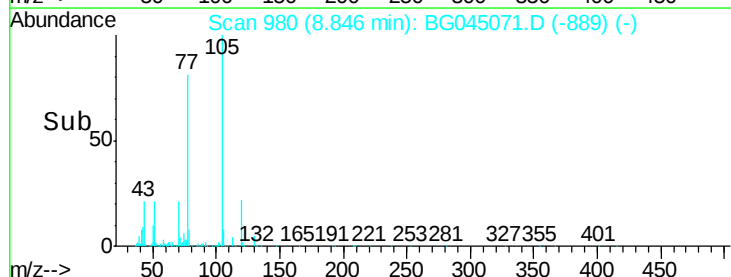
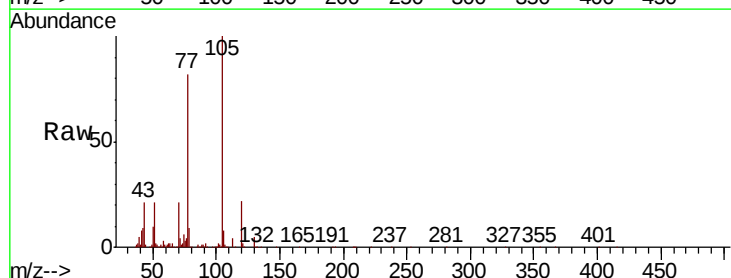
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#22
Acetophenone
Concen: 57.361 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386600		
71	3.6	3.3	4.9	
51	21.4	17.3	25.9	
120	22.2	18.4	27.6	





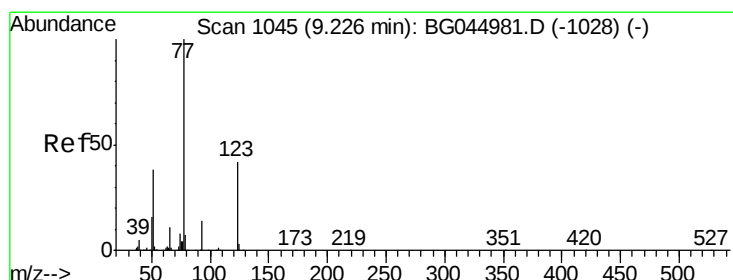
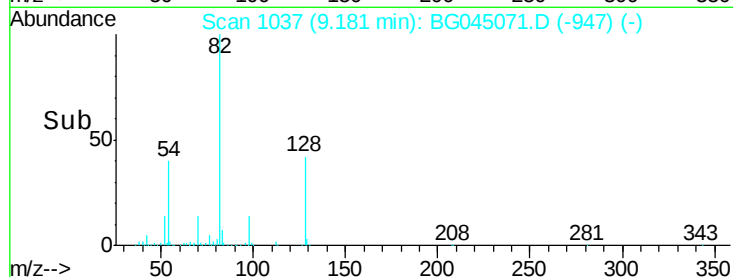
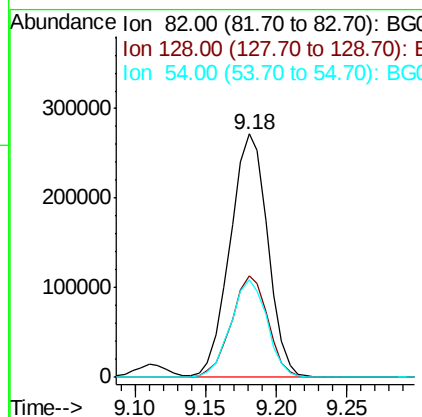
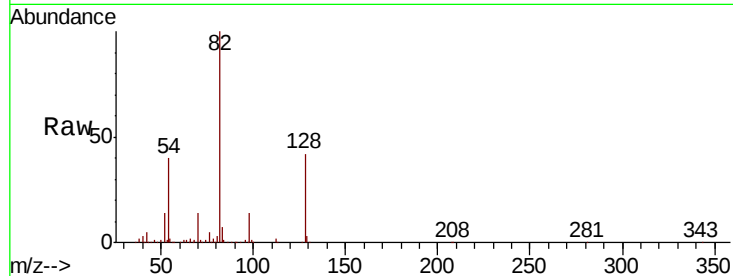
#23
Nitrobenzene-d5
Concen: 92.482 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	505146		
128	41.8		33.0	49.4
54	40.2		30.4	45.6

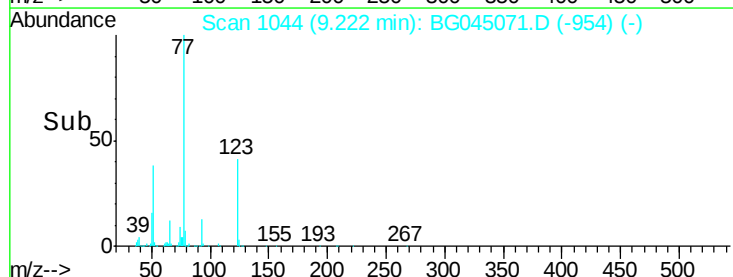
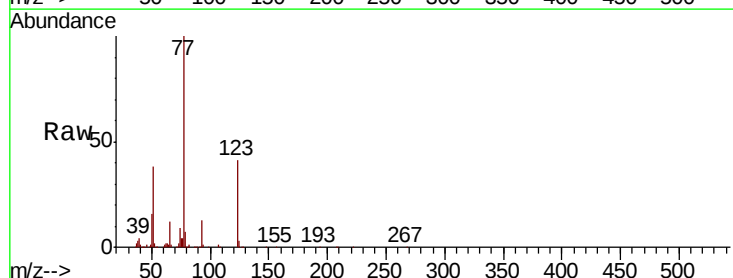
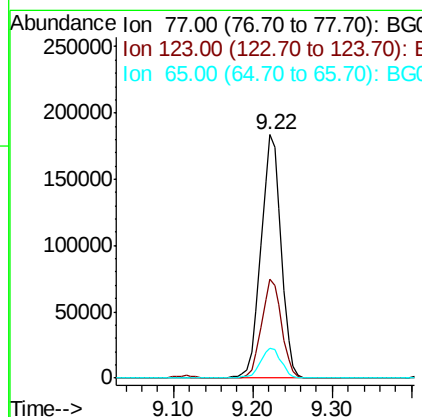
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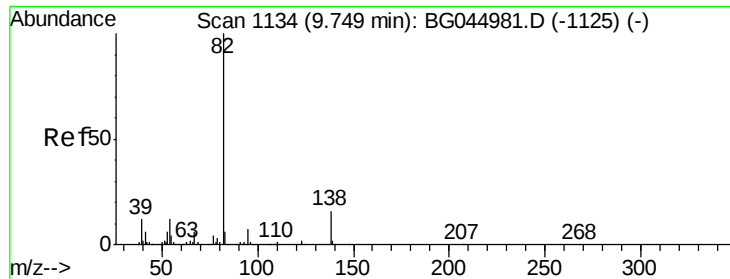
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#24
Nitrobenzene
Concen: 58.218 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	325954		
123	40.6		34.3	51.5
65	12.4		8.9	13.3





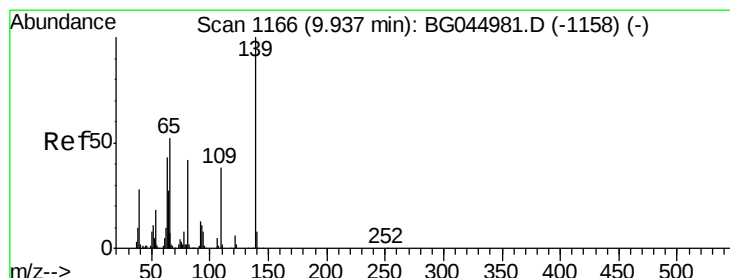
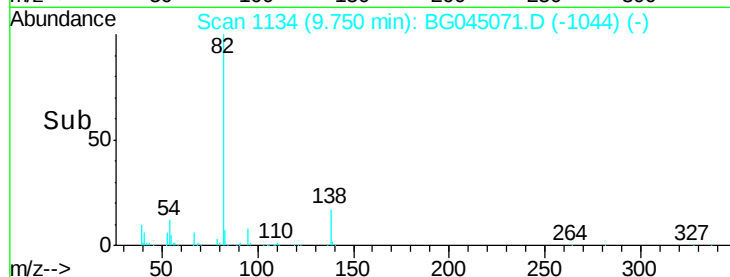
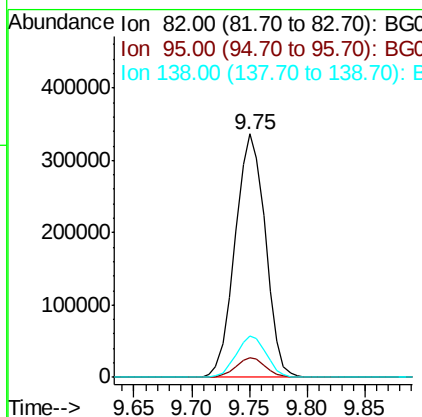
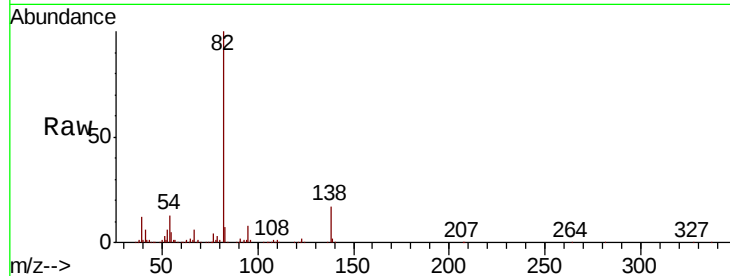
#25
Isophorone
Concen: 54.582 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampled :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.0	9.0
138	17.2	12.7	19.1

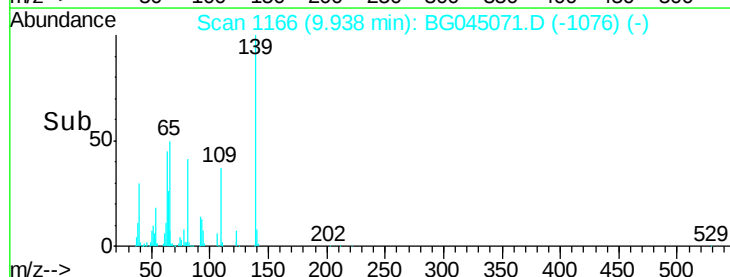
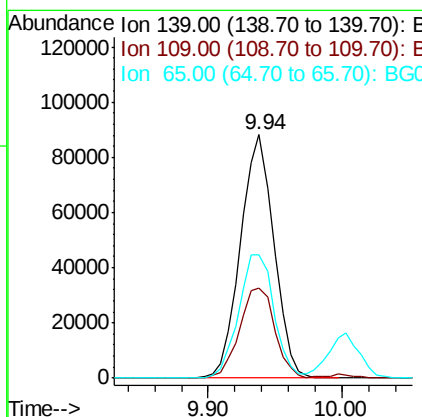
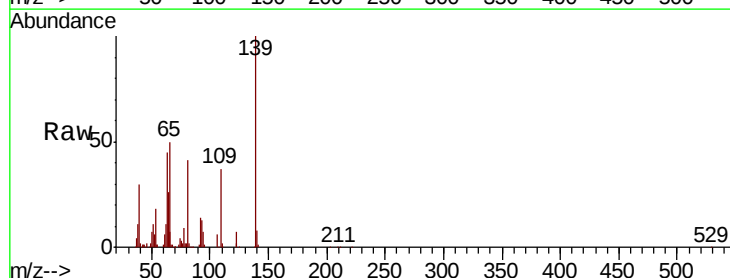
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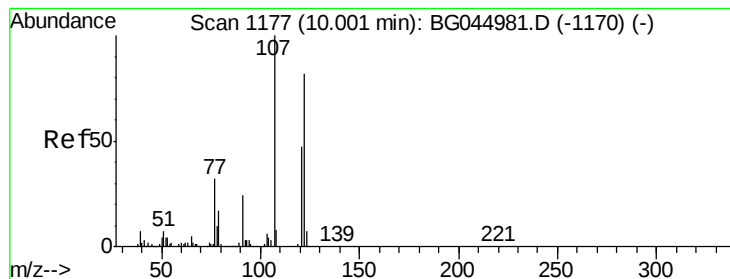
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#26
2-Nitrophenol
Concen: 63.365 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.1	30.6	45.8
65	50.5	41.8	62.6





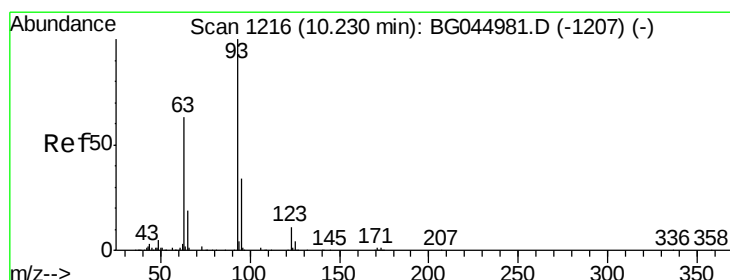
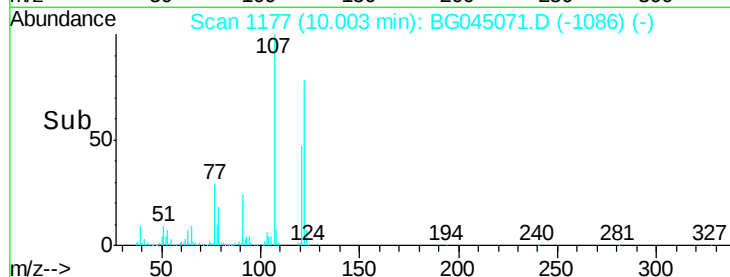
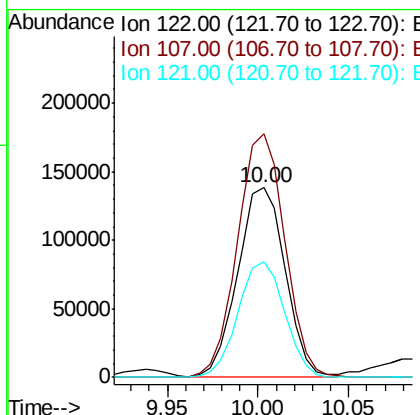
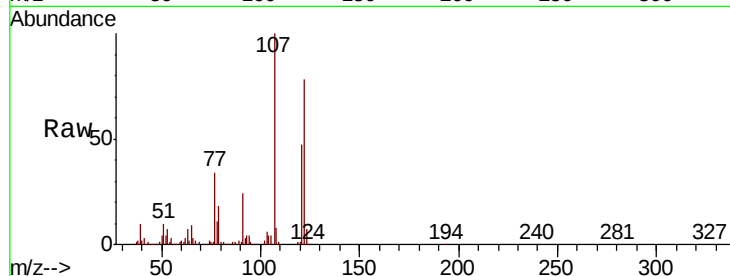
#27
 2,4-Dimethylphenol
 Concen: 65.817 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251860		
107	128.4	96.8	145.2	
121	60.7	45.6	68.4	

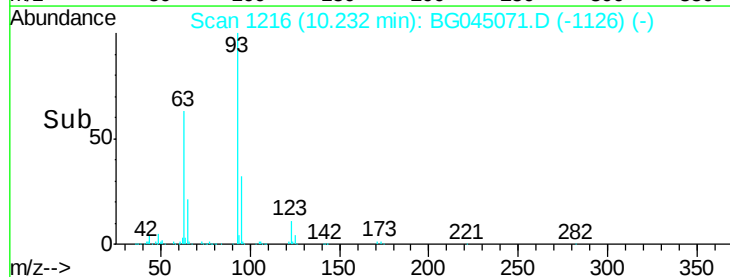
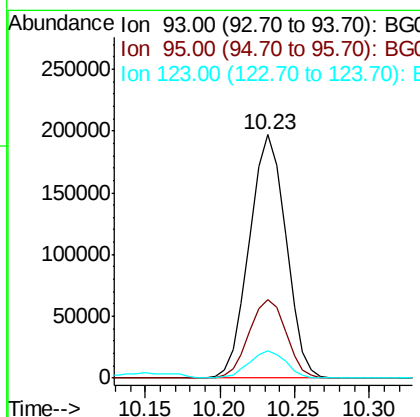
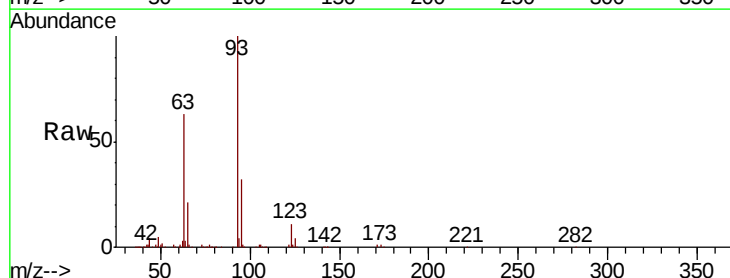
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#28
 bis(2-Chloroethoxy)methane
 Concen: 57.064 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335373		
95	32.3	27.0	40.4	
123	11.1	8.7	13.1	





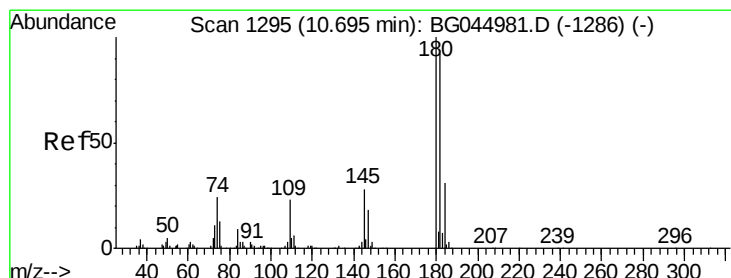
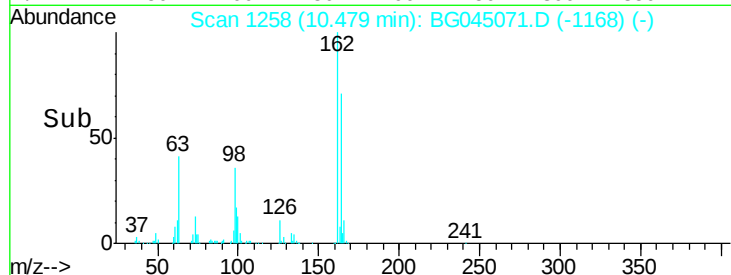
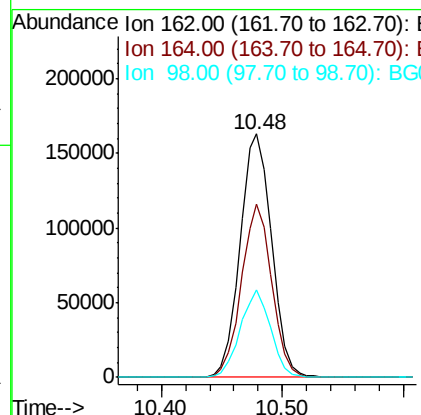
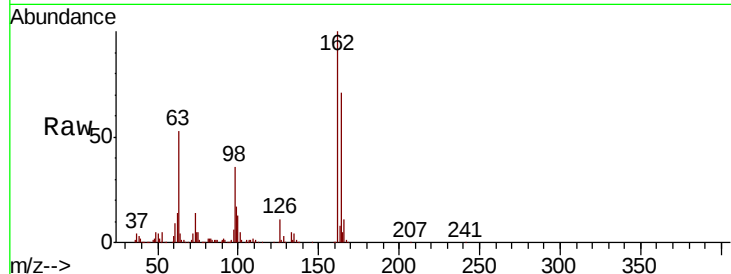
#29
 2,4-Dichlorophenol
 Concen: 67.096 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion:	162	Resp:	296470
Ion Ratio	Lower	Upper	
162	100		
164	70.9	45.0	85.0
98	35.9	15.2	55.2

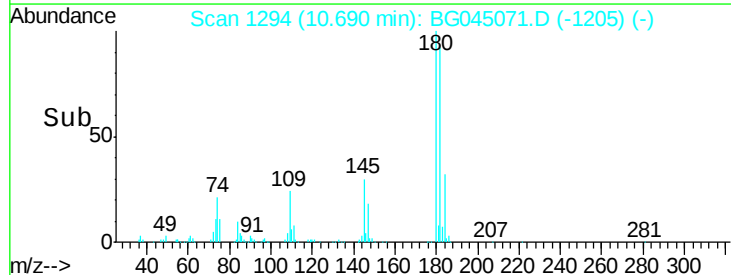
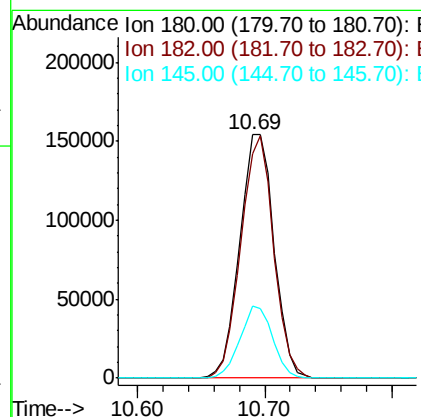
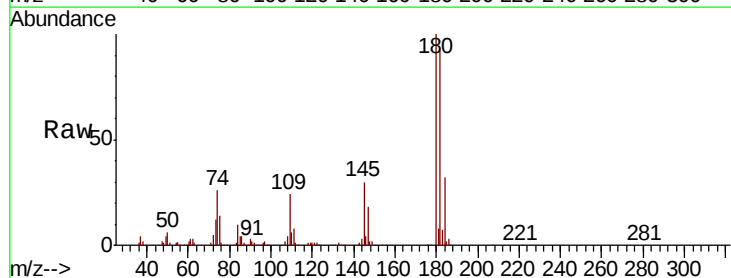
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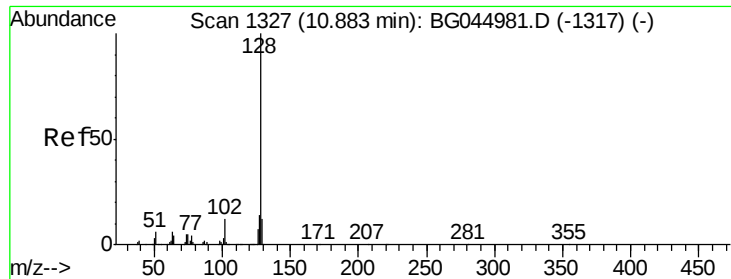
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#30
 1,2,4-Trichlorobenzene
 Concen: 57.597 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion:	180	Resp:	288145
Ion Ratio	Lower	Upper	
180	100		
182	92.2	73.3	109.9
145	29.6	22.6	33.8





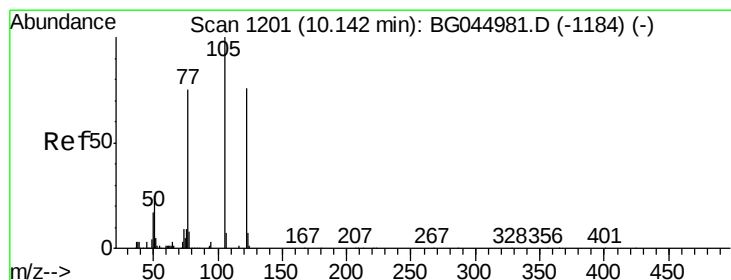
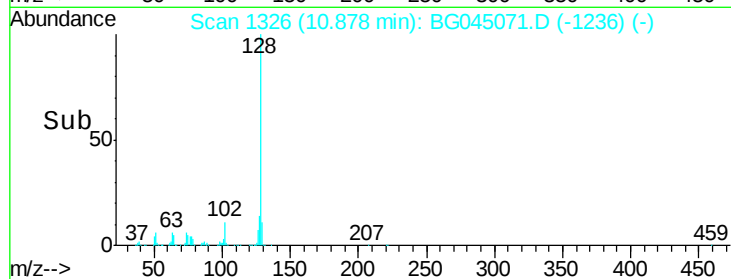
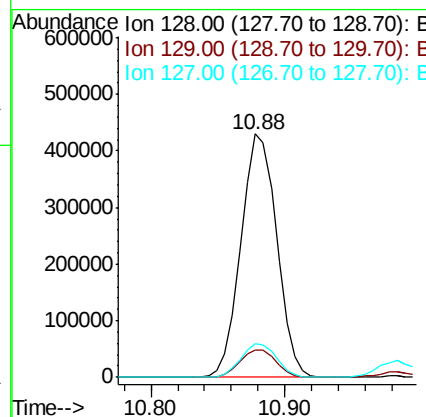
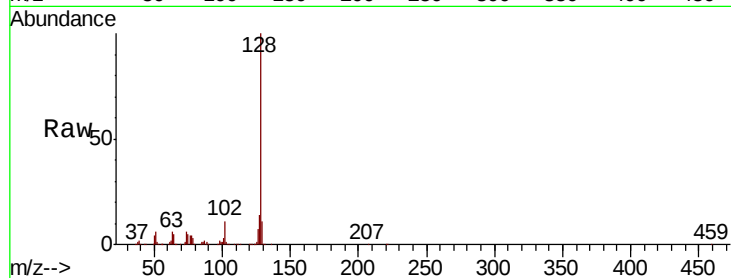
#31
Naphthalene
Concen: 58.595 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion:	128	Resp:	798886
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	13.8	10.8	16.2

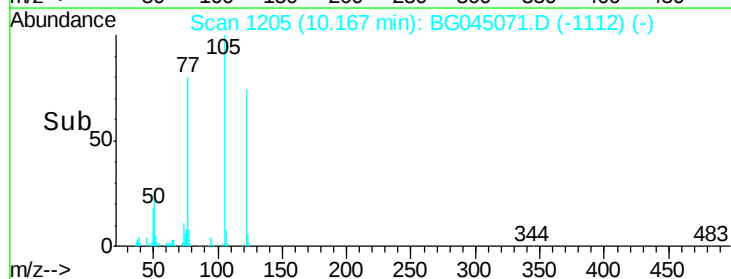
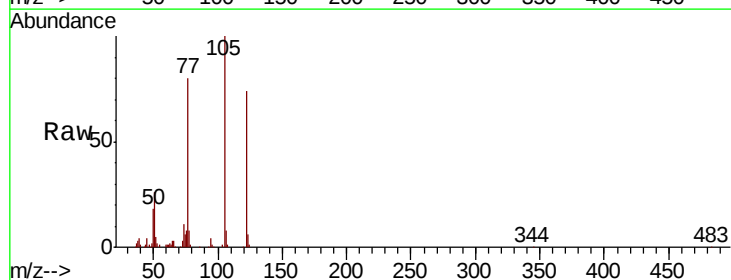
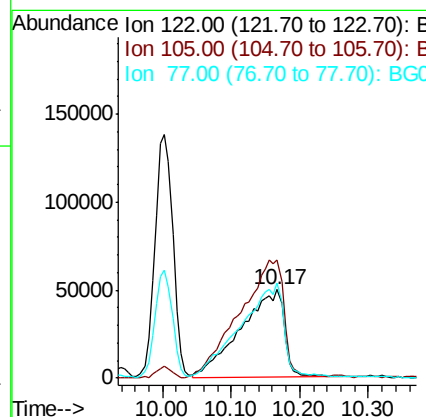
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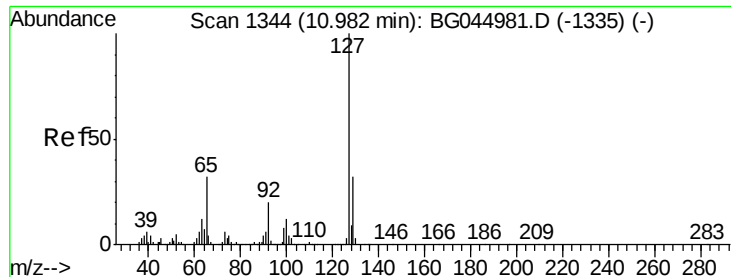
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#32
Benzoic acid
Concen: 68.066 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion:	122	Resp:	219914
Ion Ratio	Lower	Upper	
122	100		
105	134.3	108.4	148.4
77	107.8	78.8	118.8





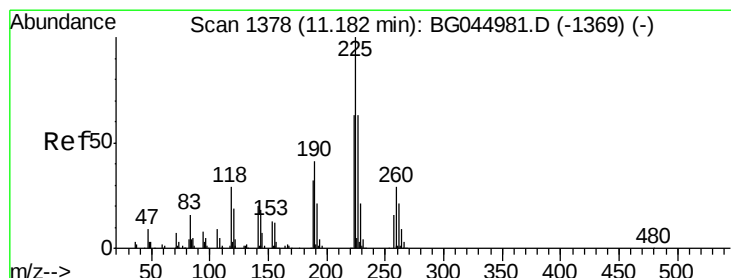
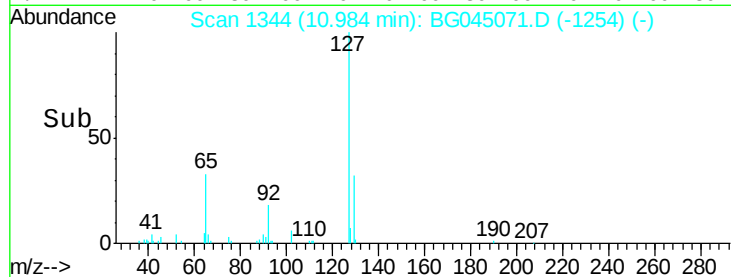
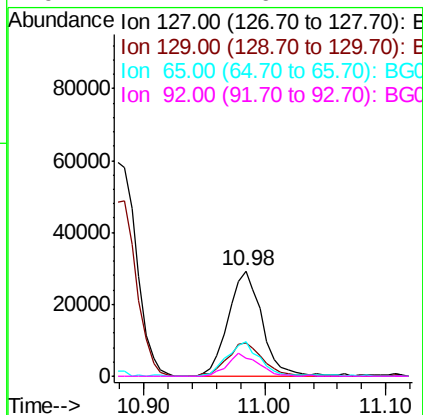
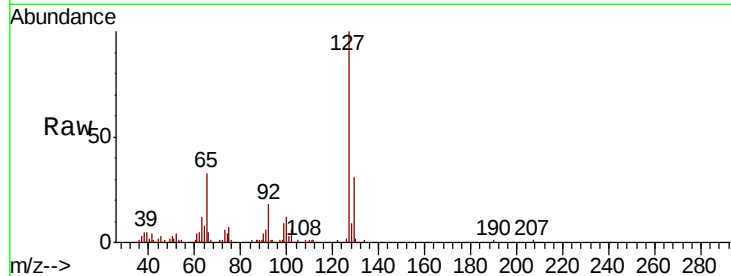
#33
4-Chloroaniline
Concen: 9.015 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57321		
129	31.2	25.7	38.5		
65	33.0	25.4	38.2		
92	17.7	16.1	24.1		

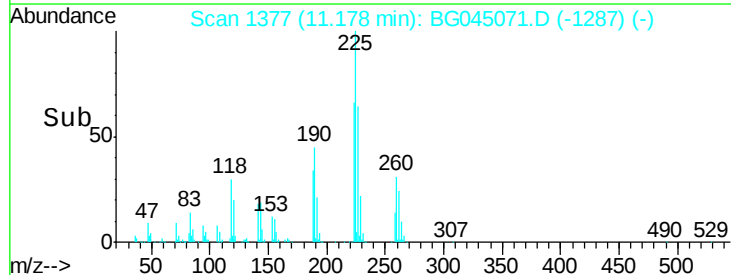
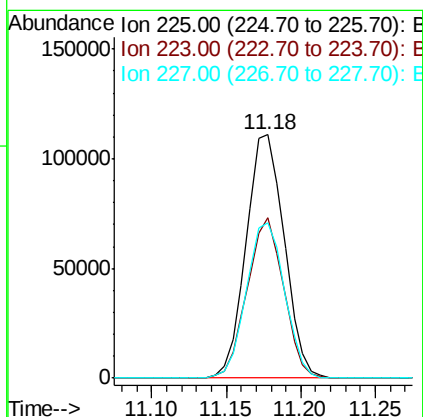
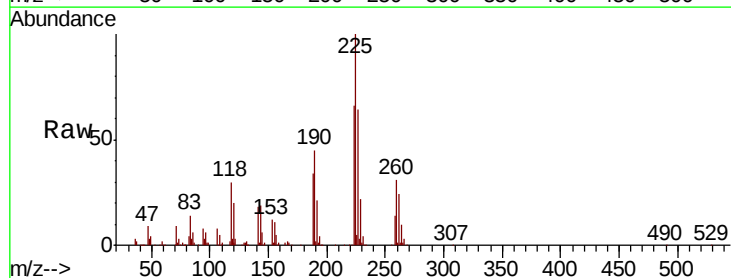
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#34
Hexachlorobutadiene
Concen: 57.091 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195823		
223	66.1	50.7	76.1		
227	63.6	50.2	75.2		





#35

Caprolactam

Concen: 63.297 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

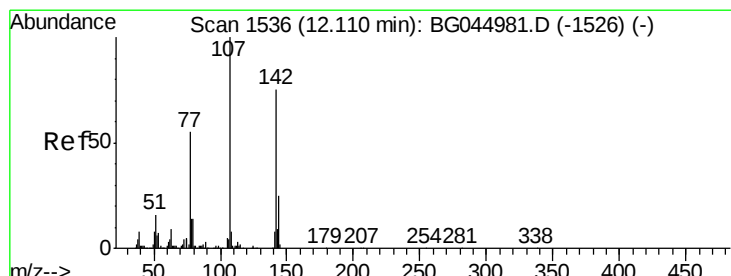
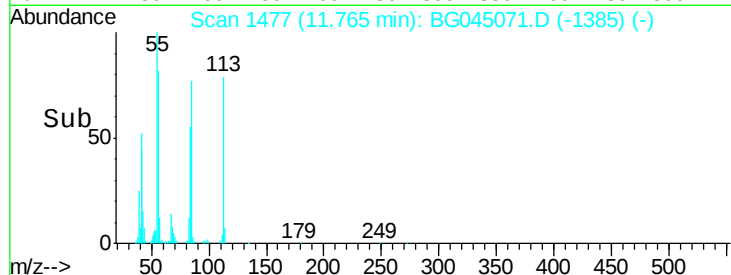
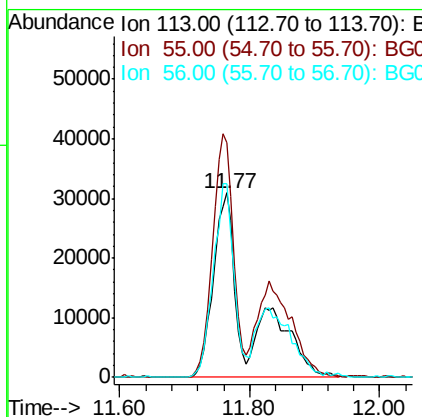
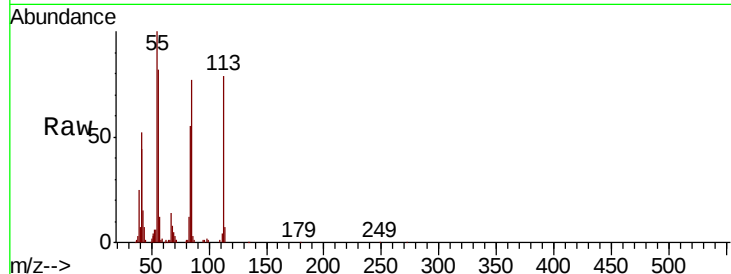
ClientSampleId :

PA-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	127.2		118.8	158.8	
56	104.8		82.6	122.6	

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#36

4-Chloro-3-methylphenol

Concen: 66.672 ng/ml

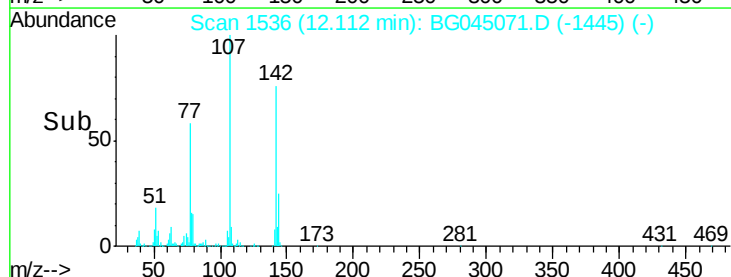
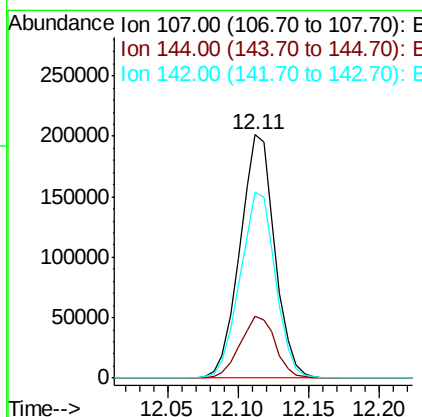
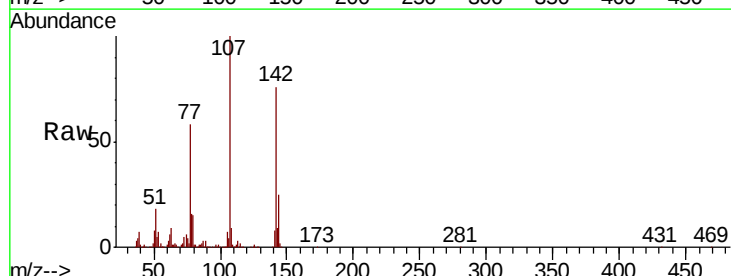
RT: 12.11 min Scan# 1536

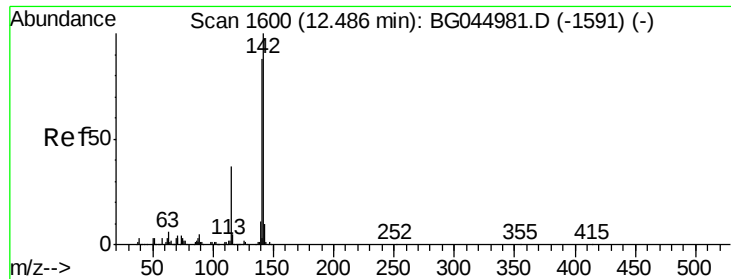
Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2		19.8	29.6	
142	76.5		59.7	89.5	





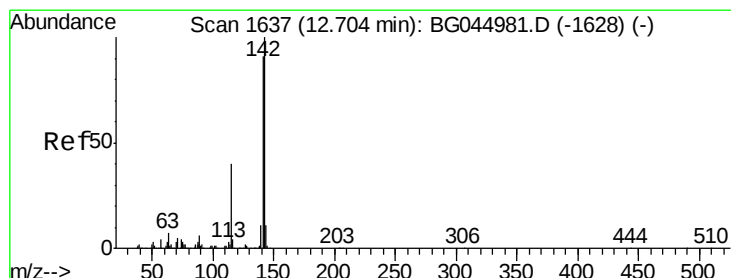
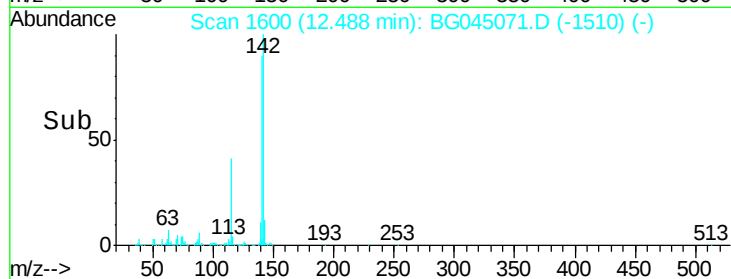
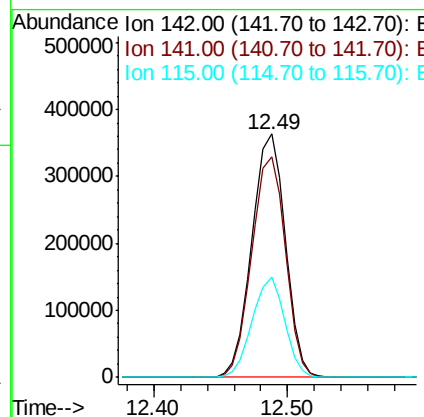
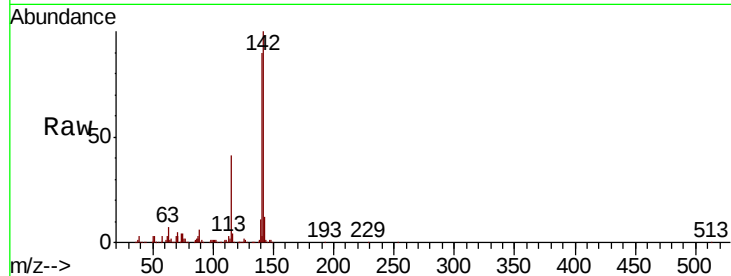
#37
2-Methylnaphthalene
Concen: 59.363 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	41.0	29.8	44.6

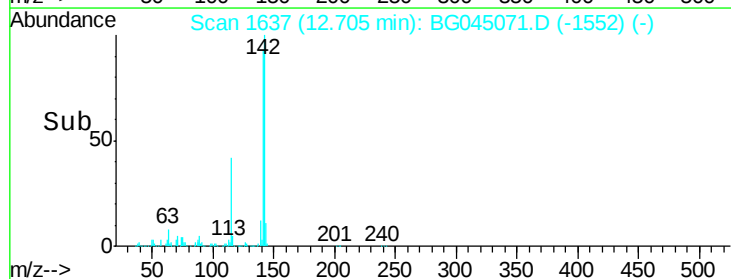
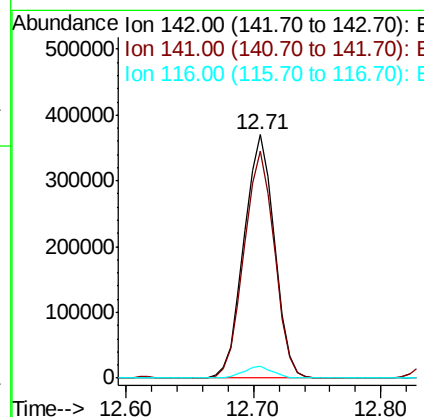
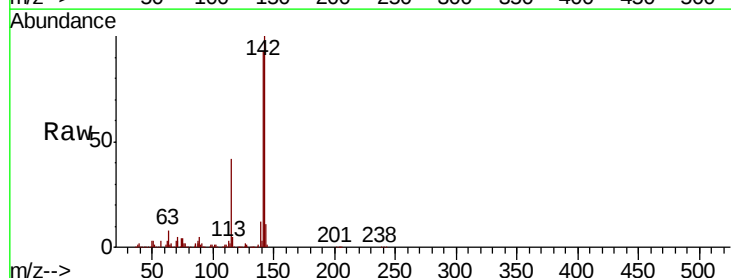
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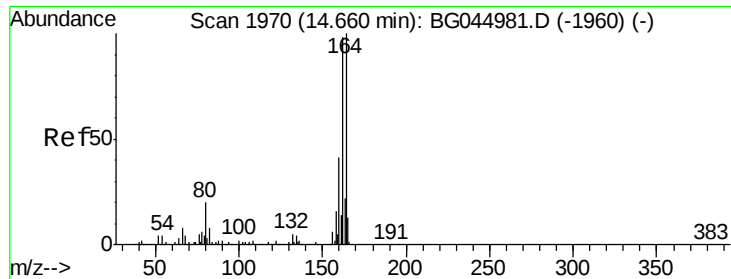
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#38
1-Methylnaphthalene
Concen: 61.470 ng m
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.7	109.1
116	4.7	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

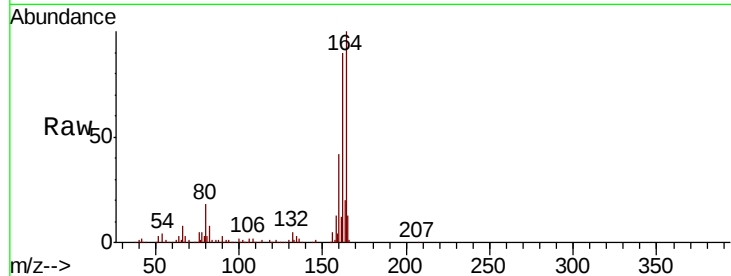
ClientSampleId :

PA-5MSD

Tot Ion:	164	Resp:	206562
Ion Ratio		Lower	Upper
164	100		
162	89.6	78.7	118.1
160	41.9	32.8	49.2

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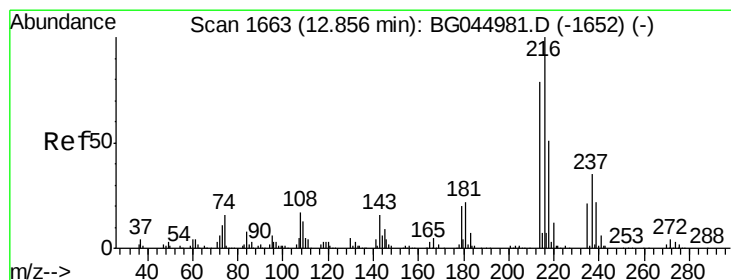
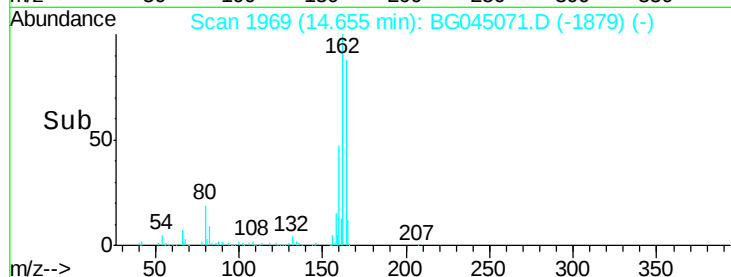
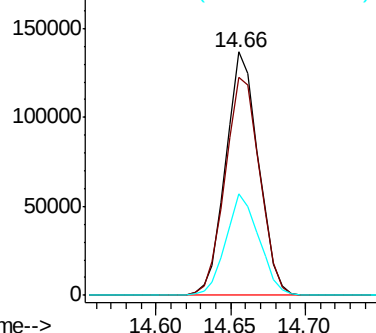


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.260 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	216	Resp:	354219
Ion Ratio		Lower	Upper
216	100		
214	78.7	63.0	94.6
179	19.5	15.8	23.8
108	18.8	14.2	21.2

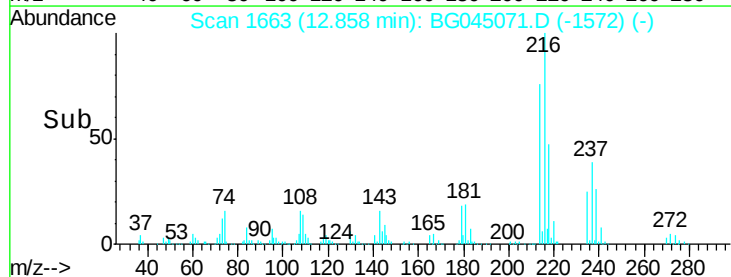
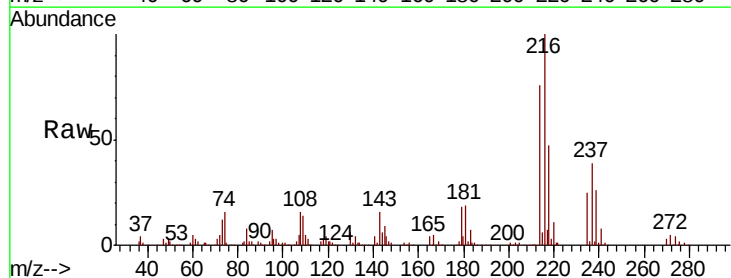
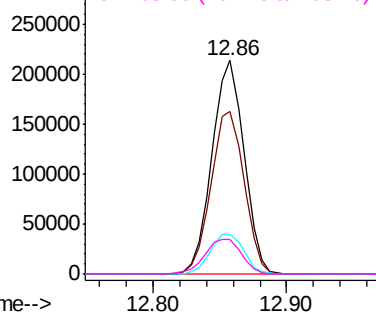
Abundance

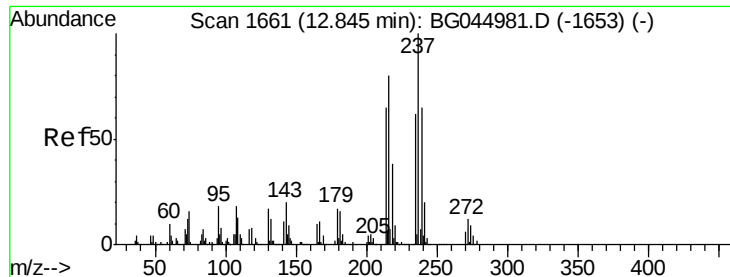
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.431 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

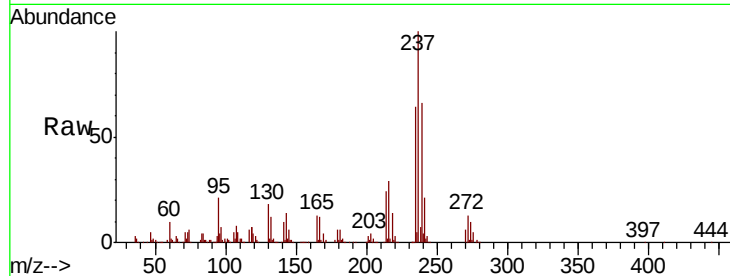
ClientSampleId :

PA-5MSD

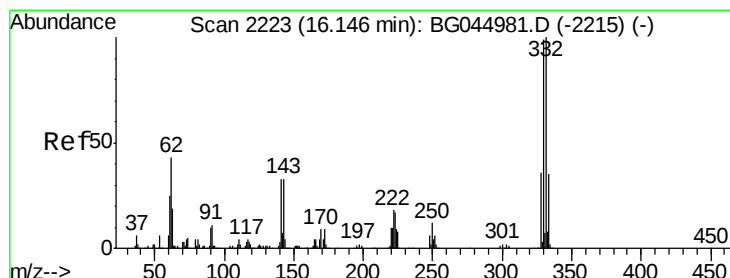
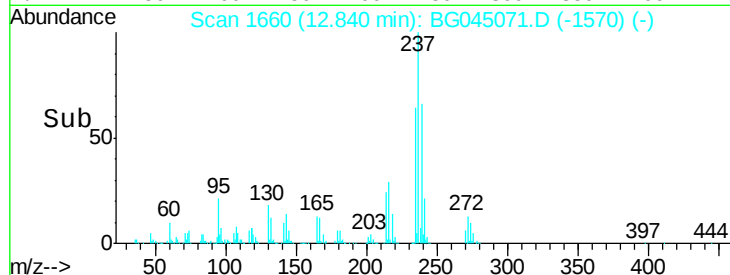
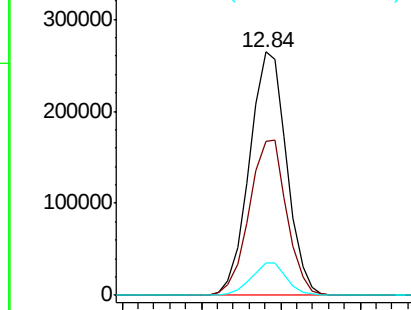
Tot Ion:	237	Resp:	429946
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.6	81.6
272	13.1	0.0	32.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.715 ng

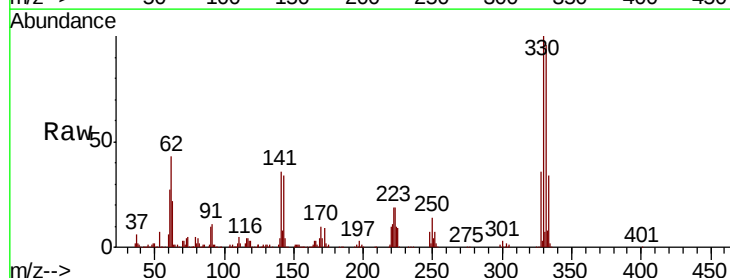
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

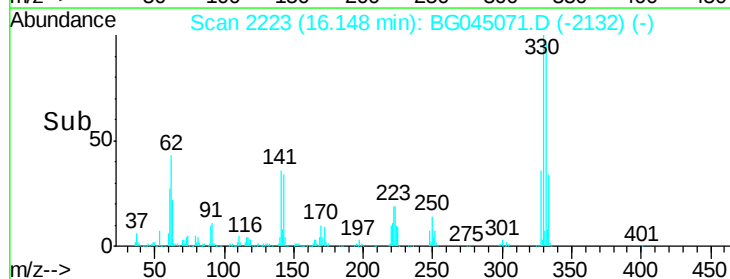
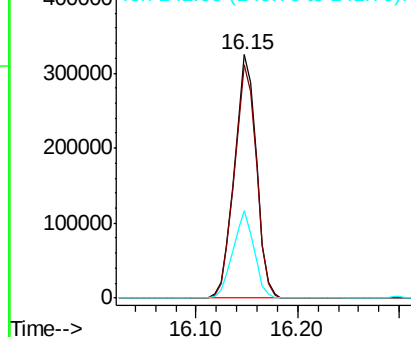
Lab File: BG045071.D

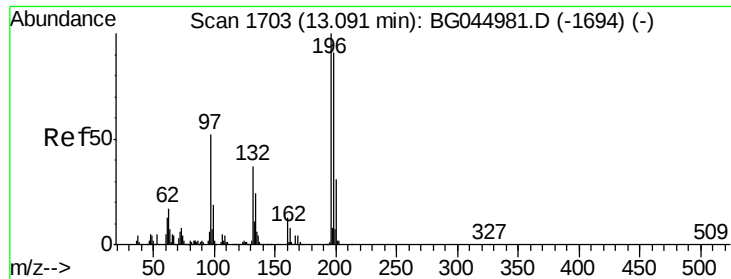
Acq: 18 Apr 2020 17:42

Tgt Ion:	330	Resp:	487330
Ion Ratio	Lower	Upper	
330	100		
332	96.5	79.1	118.7
141	34.6	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





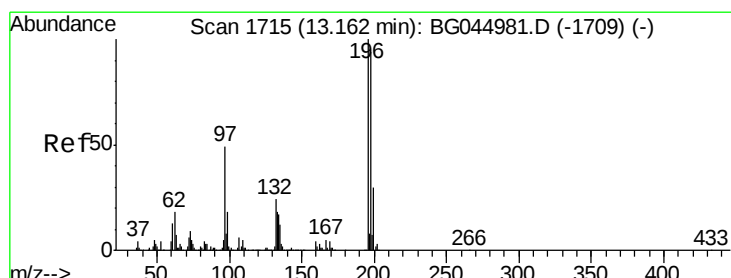
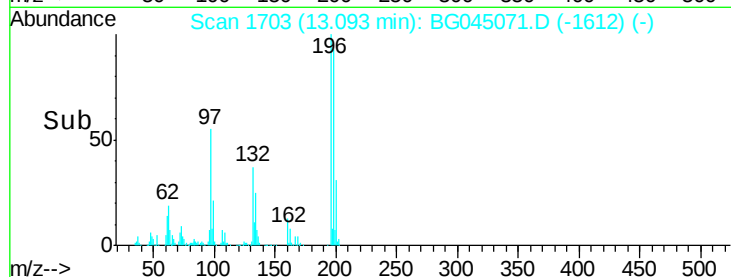
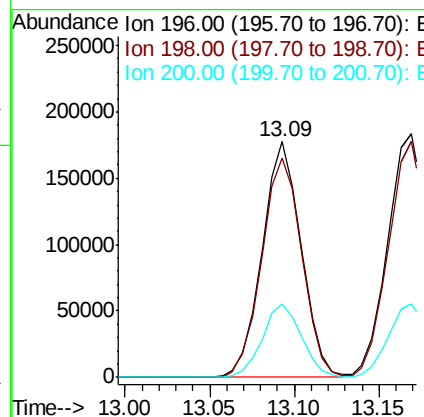
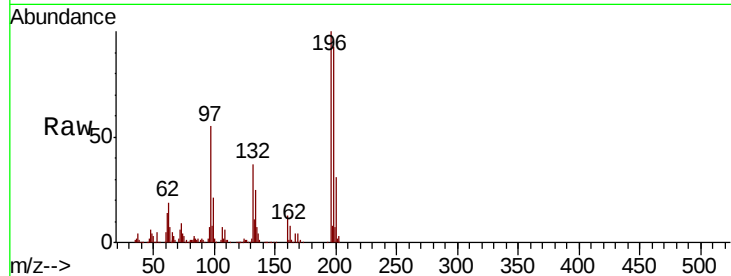
#43
2,4,6-Trichlorophenol
Concen: 60.295 ng
RT: 13.09 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	283016		
198	93.0	72.5	108.7	
200	31.0	24.5	36.7	

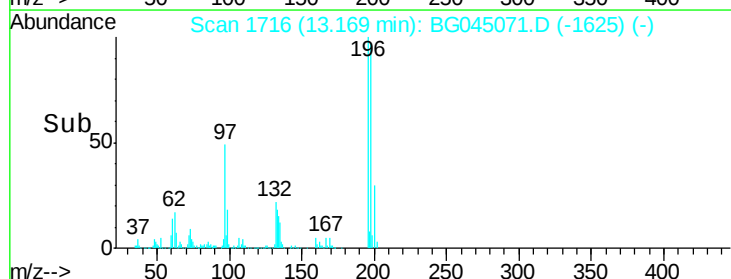
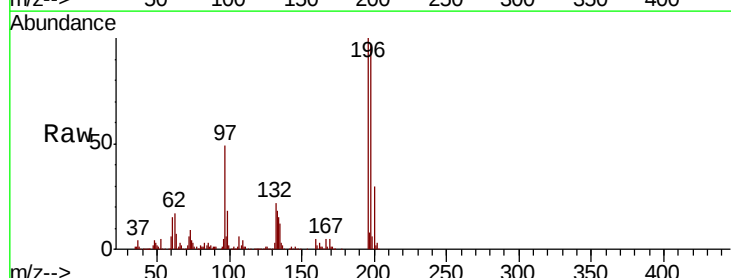
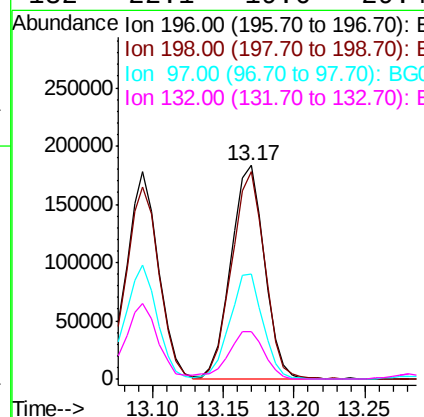
Manual Integrations
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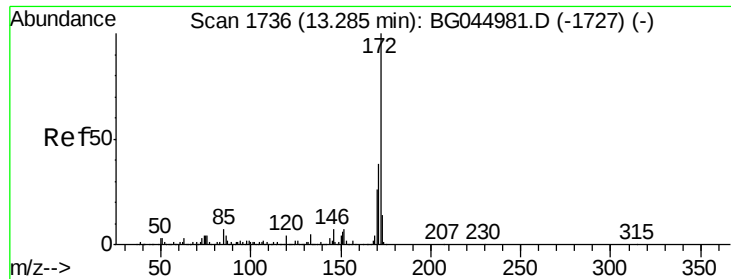
mohammad
4/20/2020 2:41:04 PM



#44
2,4,5-Trichlorophenol
Concen: 56.950 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304274		
198	97.0	75.7	113.5	
97	49.1	39.6	59.4	
132	22.1	19.6	29.4	





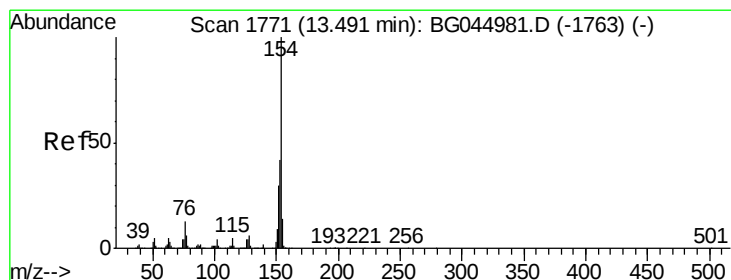
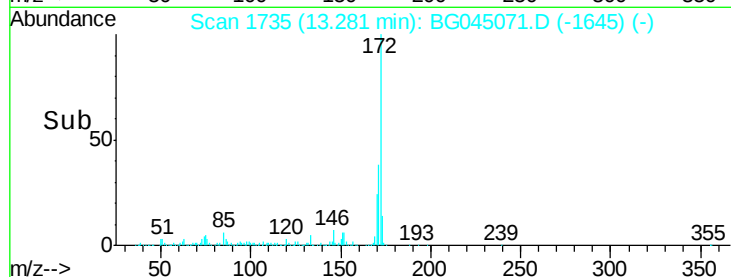
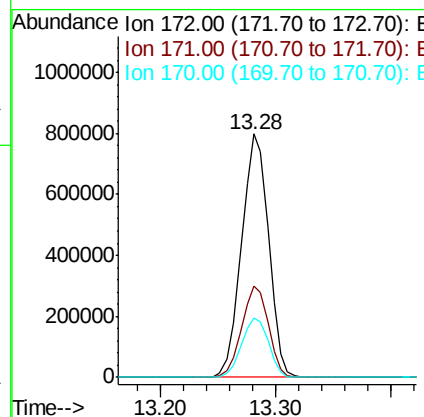
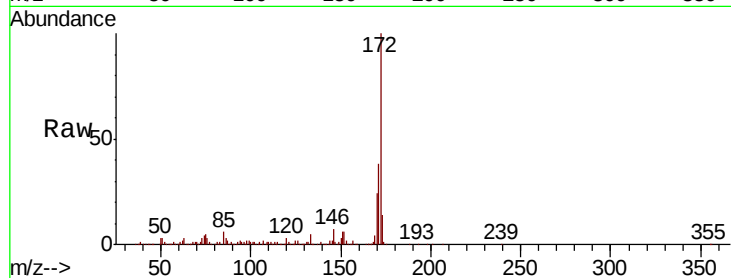
#45
2-Fluorobiphenyl
Concen: 91.270 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.7	30.6	46.0	
170	24.3	20.5	30.7	

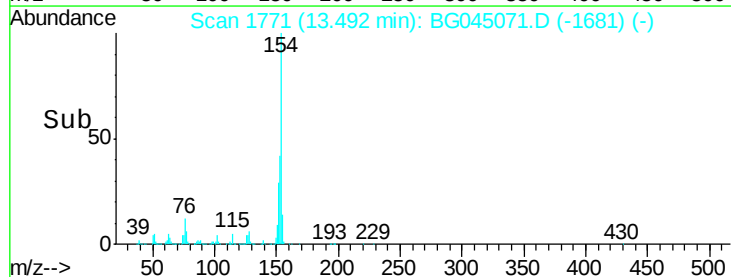
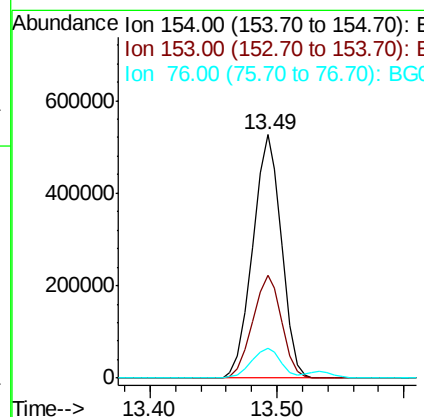
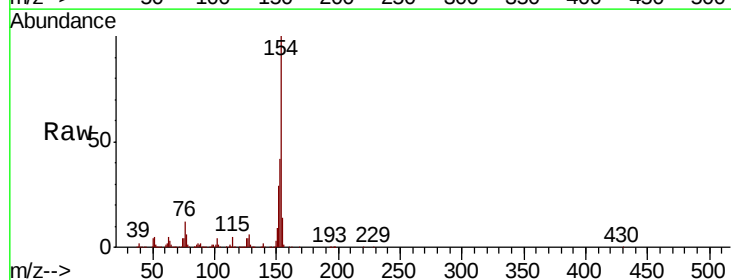
Manual Integrations
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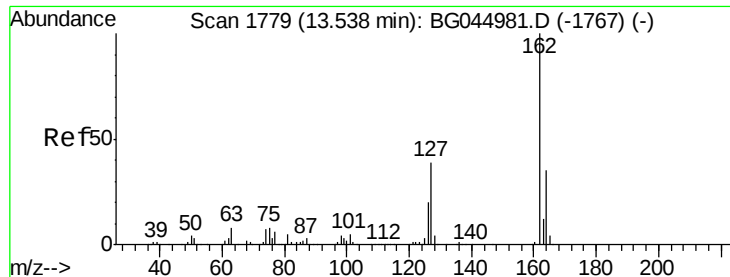
mohammad
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#46
1,1'-Biphenyl
Concen: 52.714 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.0	21.9	61.9	
76	12.2	0.0	33.1	





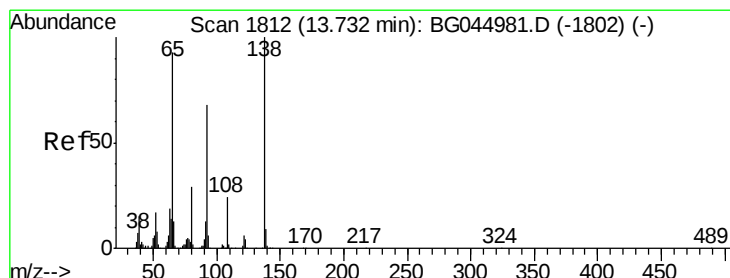
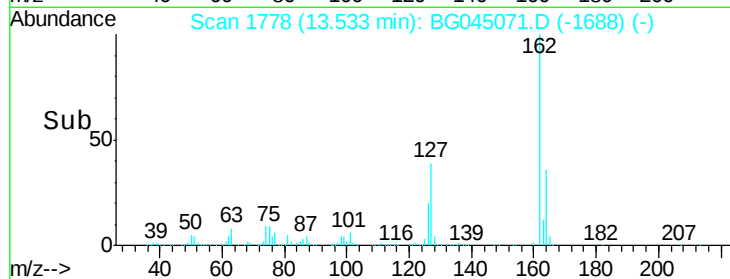
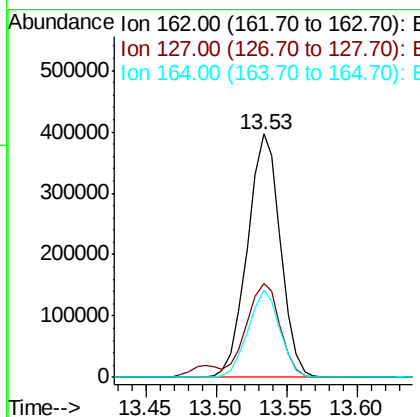
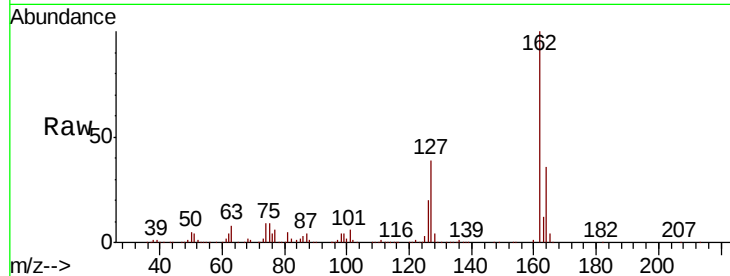
#47
 2-Chloronaphthalene
 Concen: 54.163 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion:	162	Resp:	649764
Ion Ratio	Lower	Upper	
162	100		
127	38.6	31.3	46.9
164	35.9	27.8	41.8

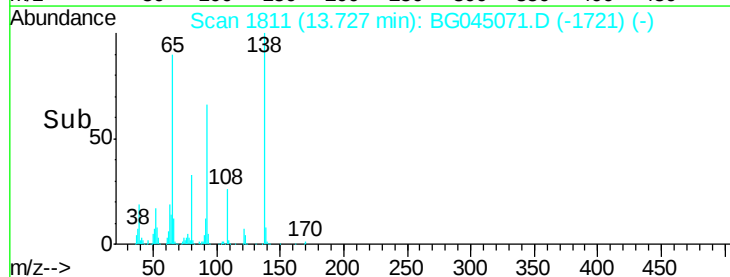
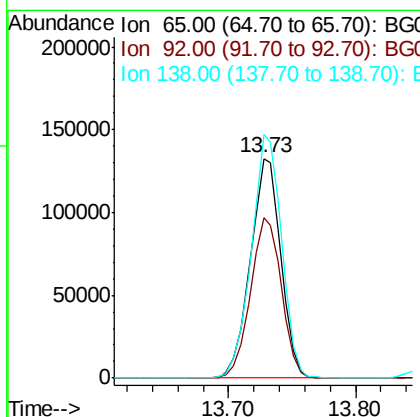
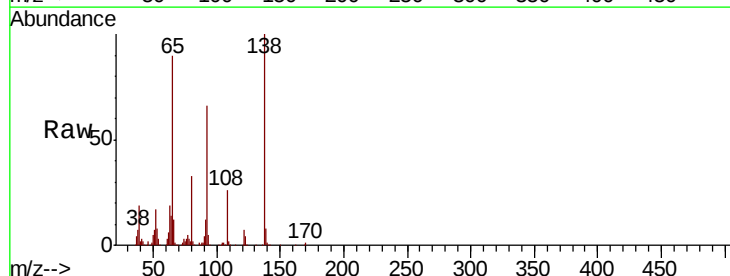
Manual Integrations
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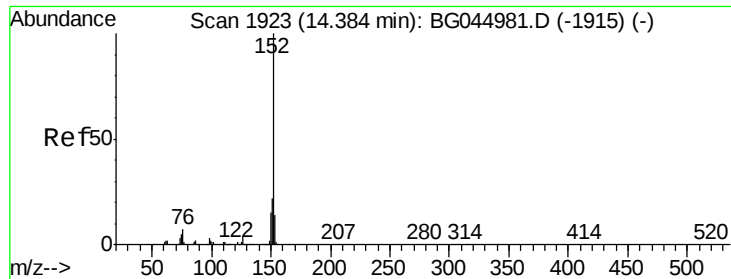
mohammad
 4/20/2020 2:41:04 PM



#48
 2-Nitroaniline
 Concen: 56.383 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion:	65	Resp:	222546
Ion Ratio	Lower	Upper	
65	100		
92	72.8	58.3	87.5
138	111.0	85.6	128.4





#49

Acenaphthylene

Concen: 55.288 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

PA-5MSD

Tot Ion:152 Resp: 1080364

Ion Ratio Lower Upper

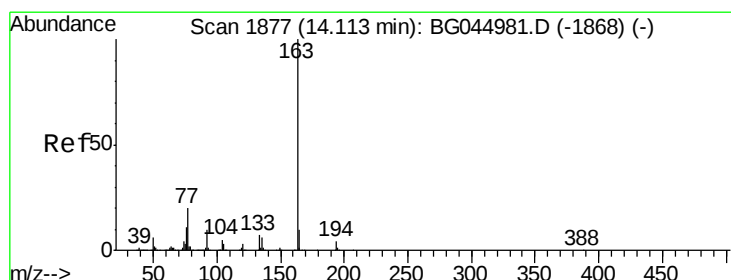
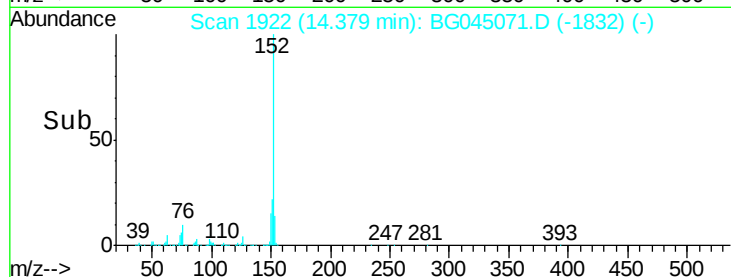
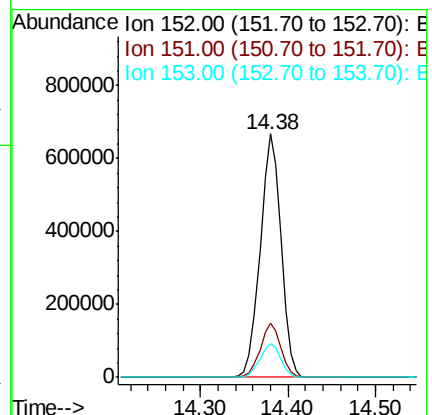
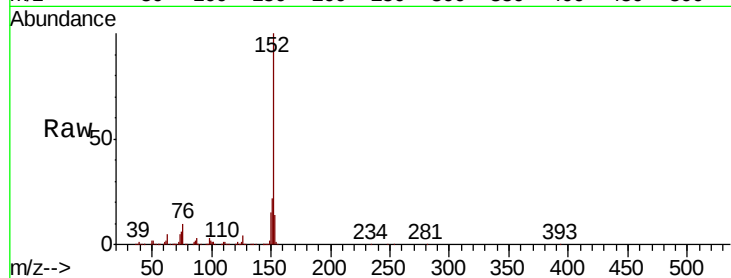
152 100

151 22.0 17.2 25.8

153 14.1 11.0 16.4

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#50

Dimethylphthalate

Concen: 63.866 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

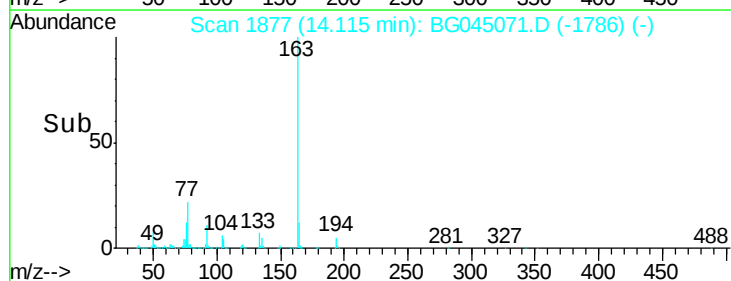
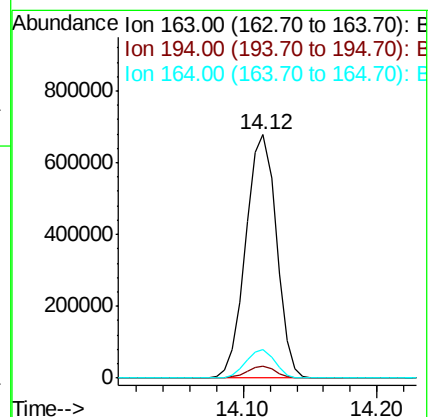
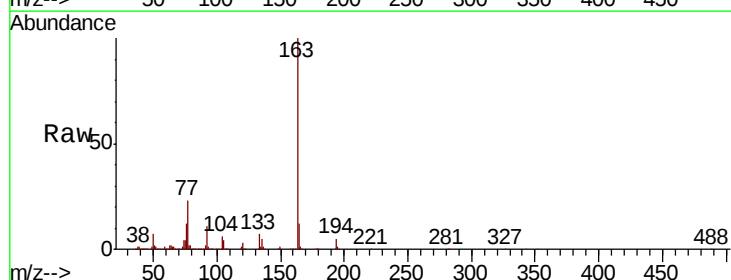
Tgt Ion:163 Resp: 1074174

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 11.7 8.2 12.4





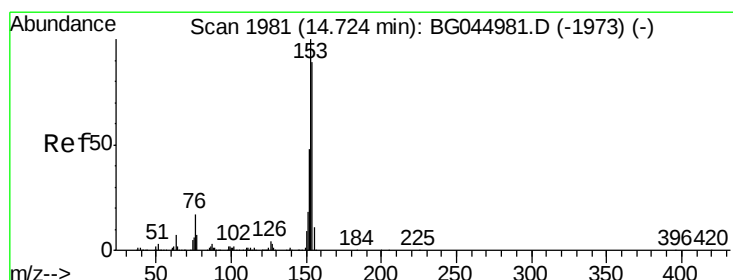
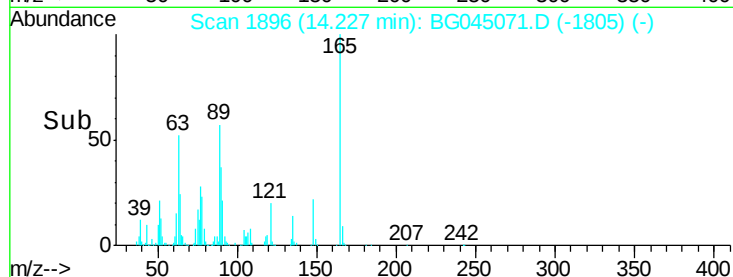
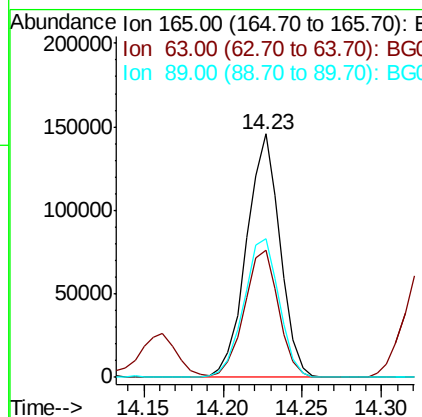
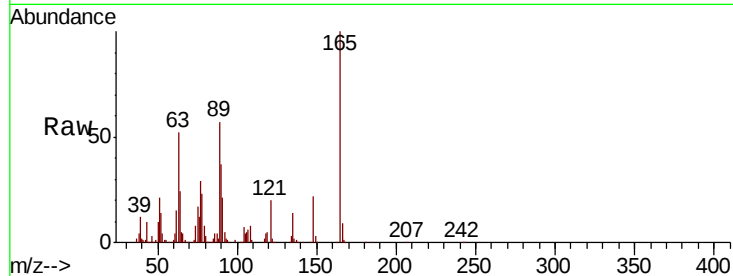
#51
 2,6-Dinitrotoluene
 Concen: 56.695 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion:	165	Resp:	213284
Ion Ratio	Lower	Upper	
165	100		
63	52.2	40.4	60.6
89	57.0	49.1	73.7

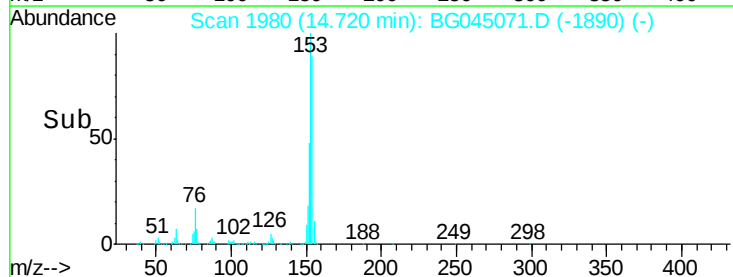
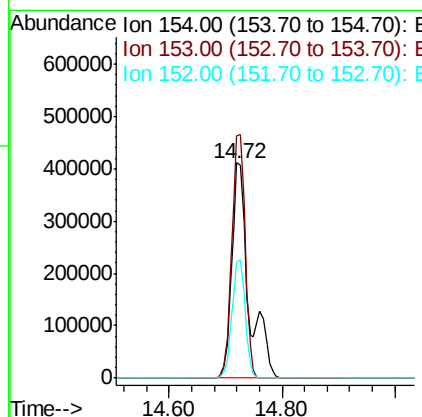
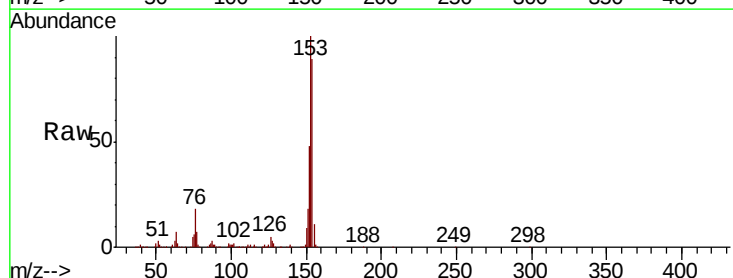
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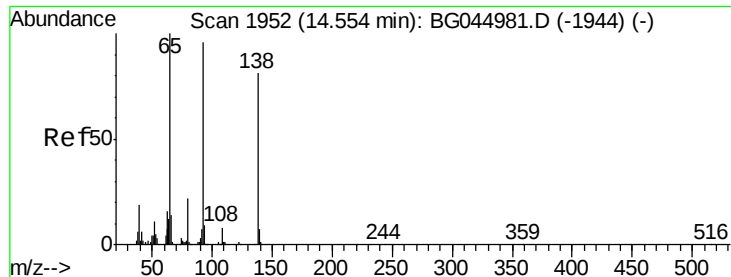
mohammad
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#52
 Acenaphthene
 Concen: 65.445 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion:	154	Resp:	865251
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.7	134.5
152	53.9	43.1	64.7





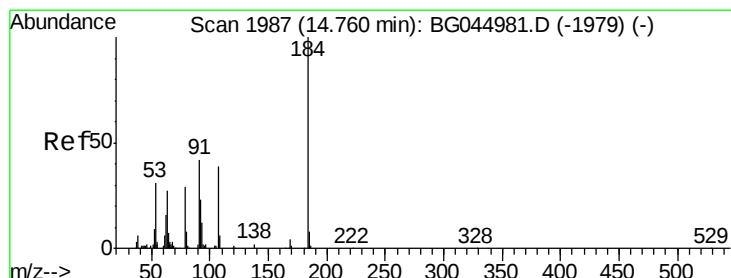
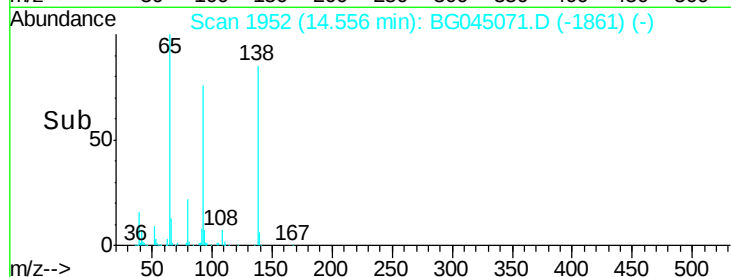
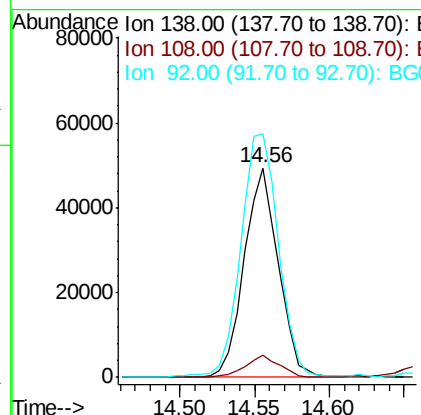
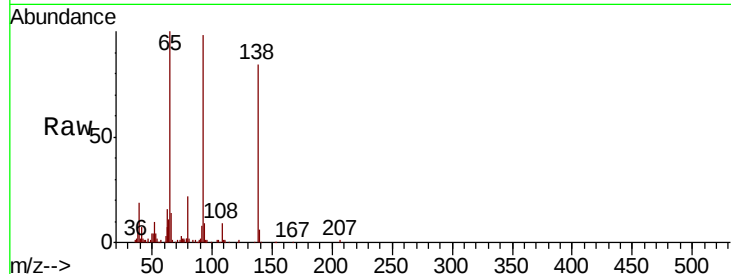
#53
 3-Nitroaniline
 Concen: 18.914 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.8
92	116.3	94.5	141.7

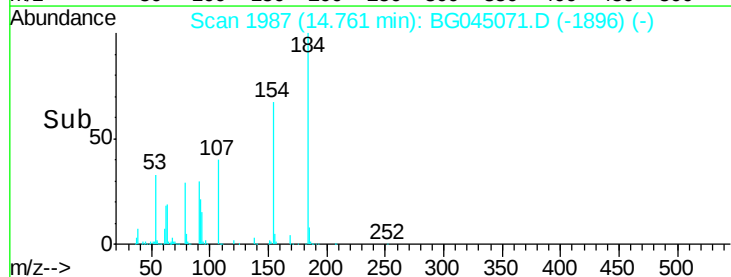
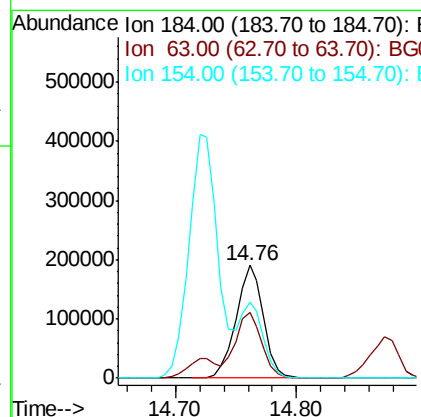
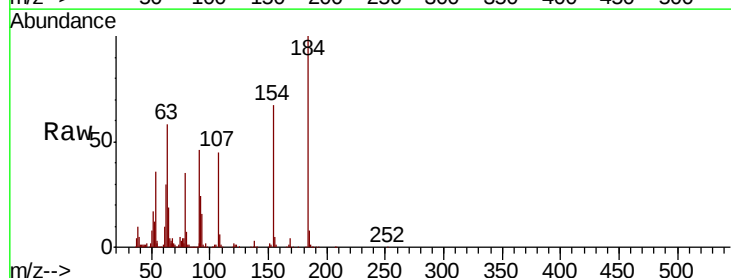
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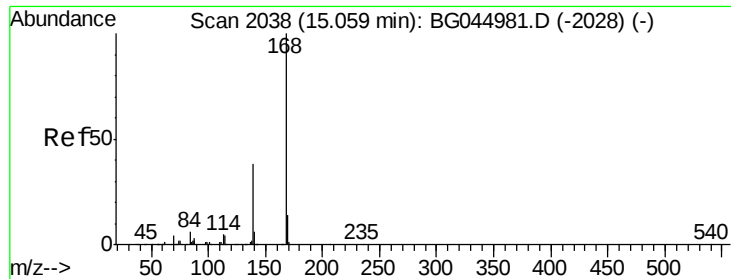
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 133.403 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	66.9	52.3	78.5





#55

Dibenzenofuran

Concen: 55.586 ng

RT: 15.05 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

ClientSampled :

PA-5MSD

Tot Ion:168 Resp: 1071443

Ion Ratio Lower Upper

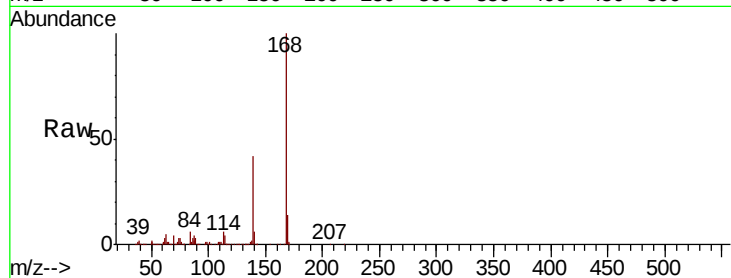
168 100

139 42.3 30.4 45.6

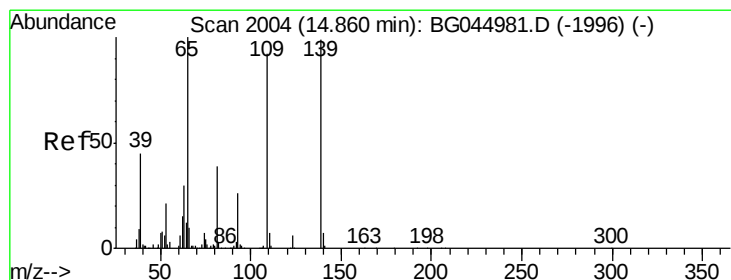
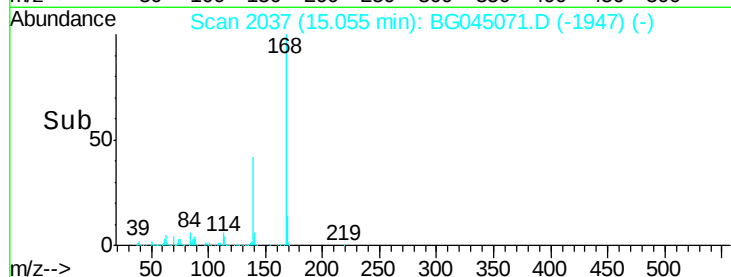
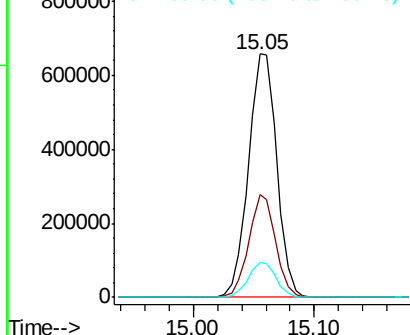
169 14.1 11.0 16.4

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 114.753 ng

RT: 14.87 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

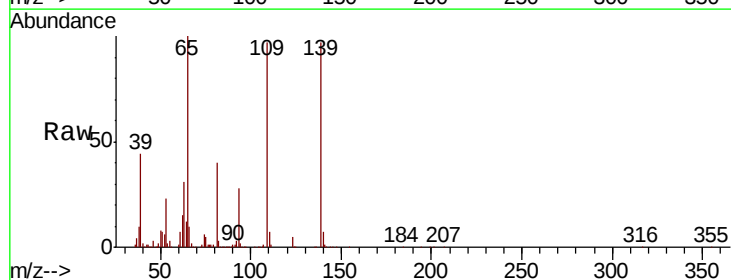
Tgt Ion:139 Resp: 367112

Ion Ratio Lower Upper

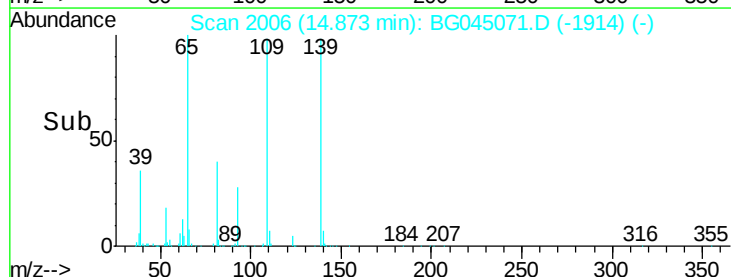
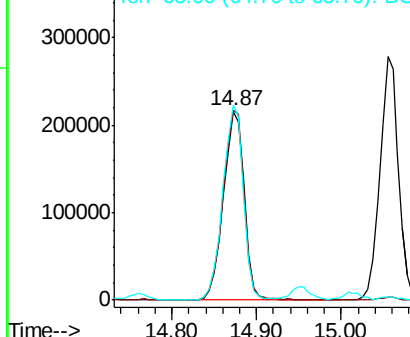
139 100

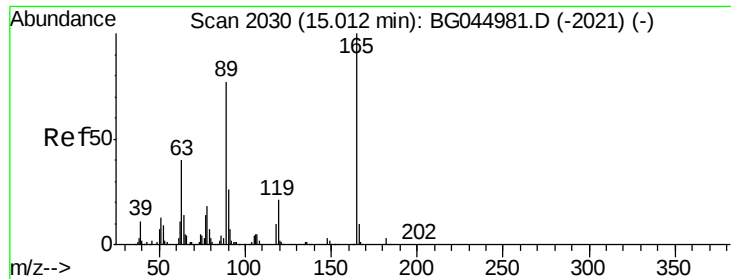
109 100.4 73.6 113.6

65 103.6 81.2 121.2



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





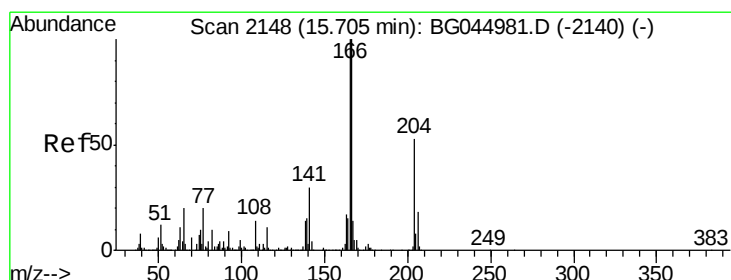
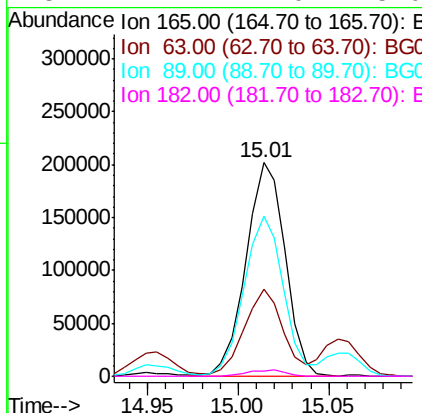
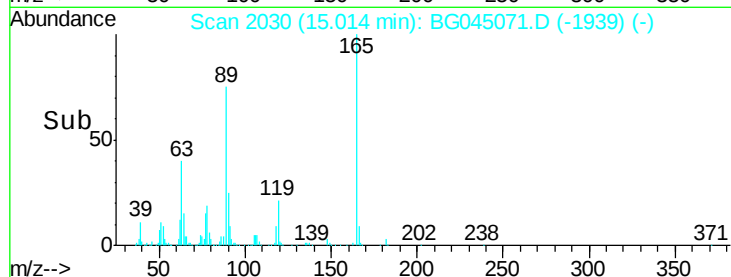
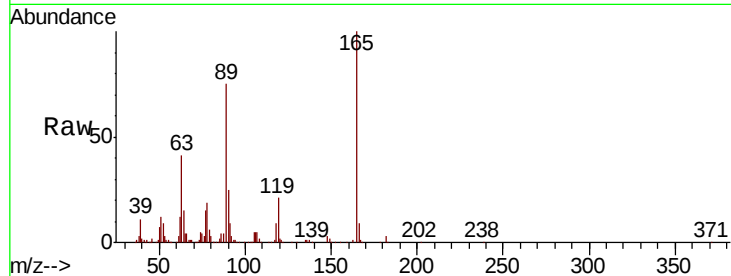
#57
2,4-Dinitrotoluene
Concen: 55.478 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.2	48.2
89	74.9	61.7	92.5
182	2.7	2.0	3.0

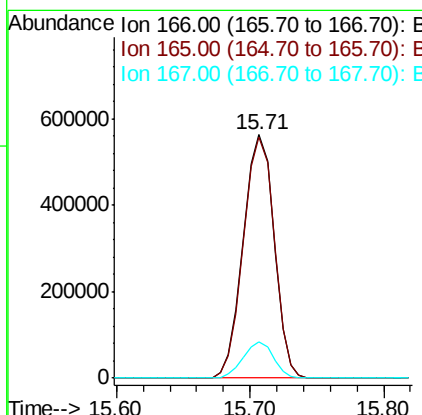
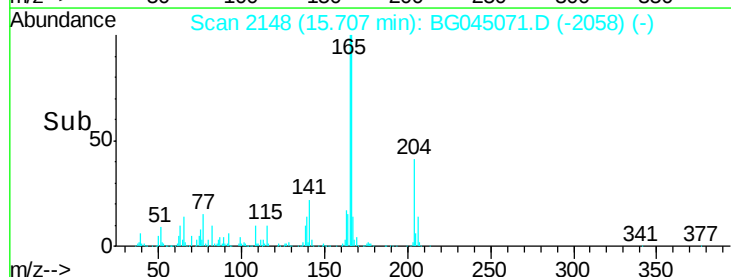
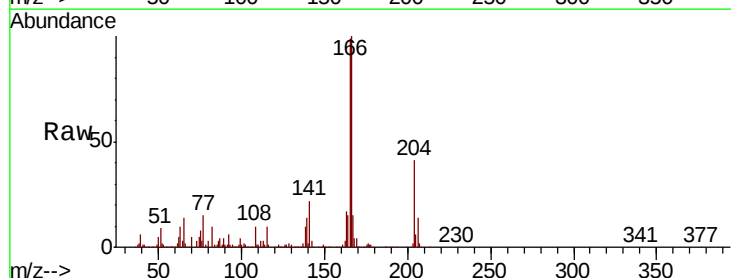
Manual Integrations
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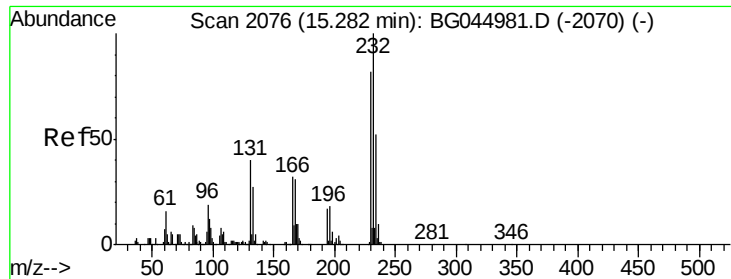
mohammad
4/20/2020 2:41:04 PM



#58
Fluorene
Concen: 57.181 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	14.7	11.4	17.0





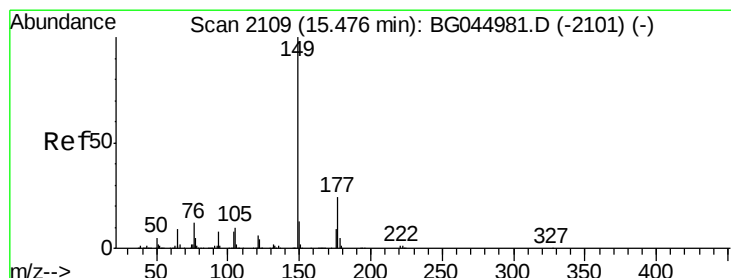
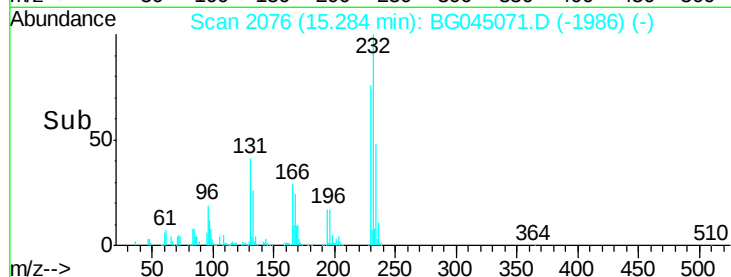
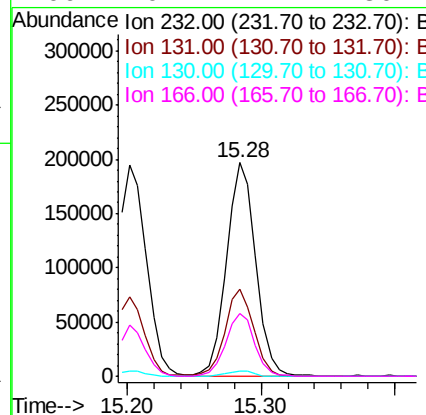
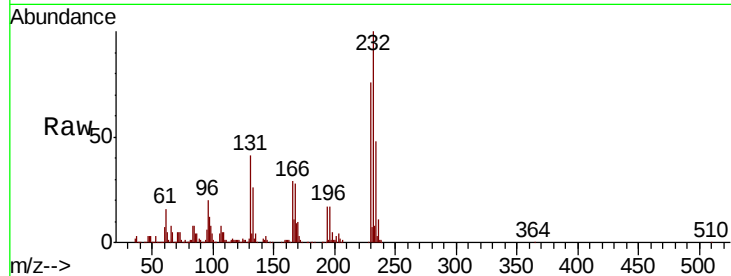
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.253 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	300701		
131	40.1		32.2	48.2
130	2.3		2.2	3.2
166	29.2		24.2	36.4

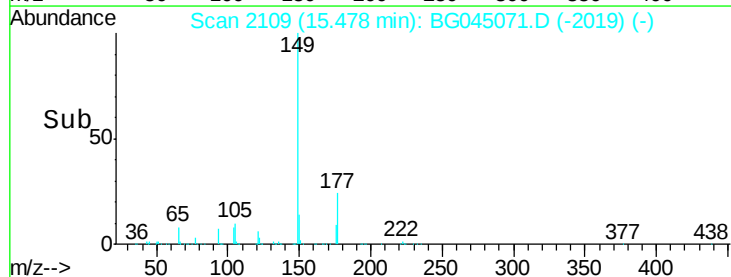
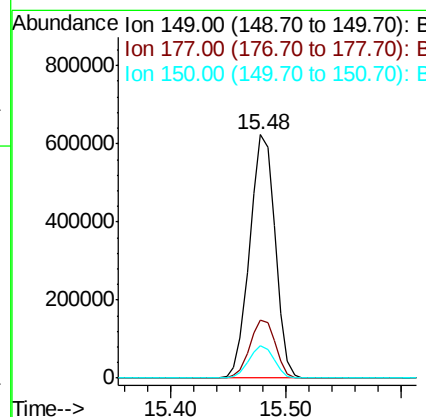
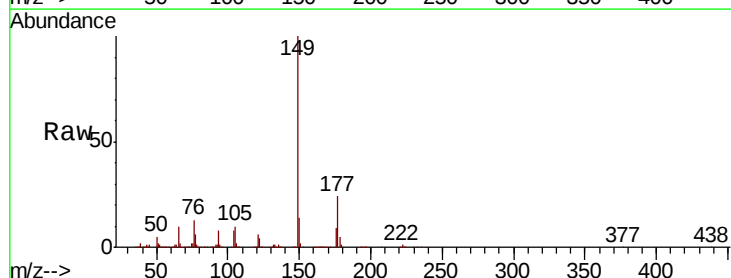
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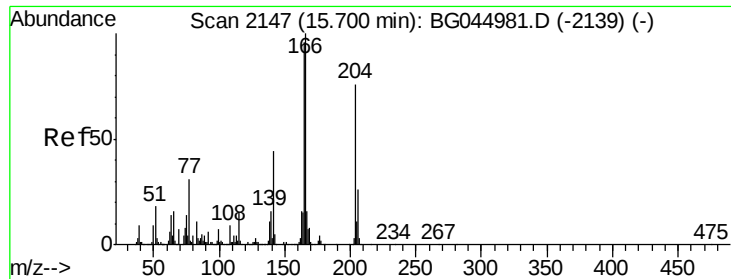
mohammad
 4/20/2020 2:41:04 PM



#60
 Diethylphthalate
 Concen: 54.474 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	955248		
177	23.8		18.9	28.3
150	13.5		10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 55.757 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

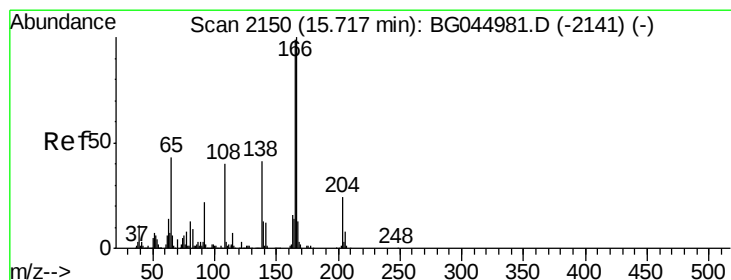
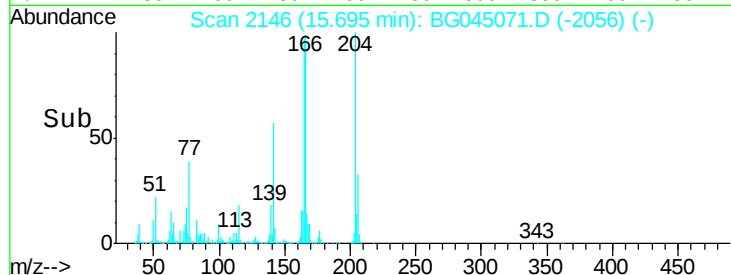
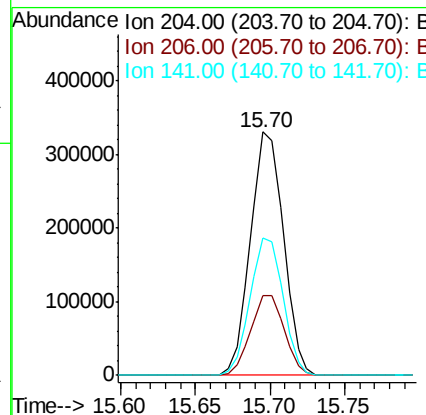
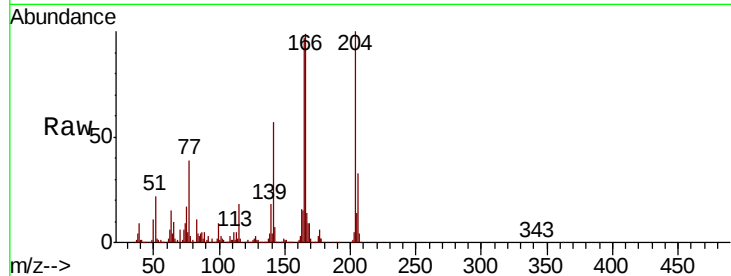
ClientSampleId :

PA-5MSD

Tot Ion:	204	Resp:	505290
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.9	40.3
141	56.5	46.3	69.5

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#62

4-Nitroaniline

Concen: 50.925 ng

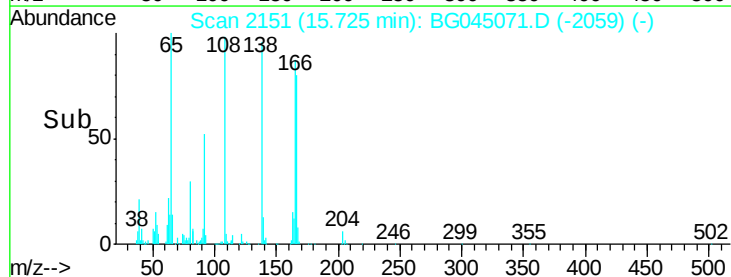
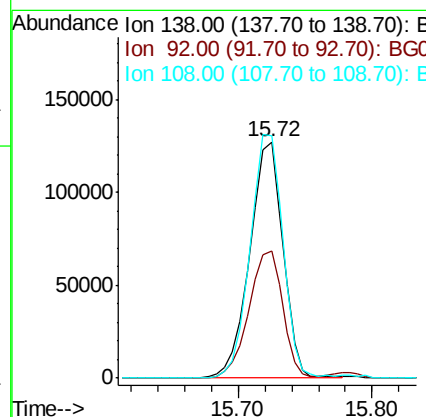
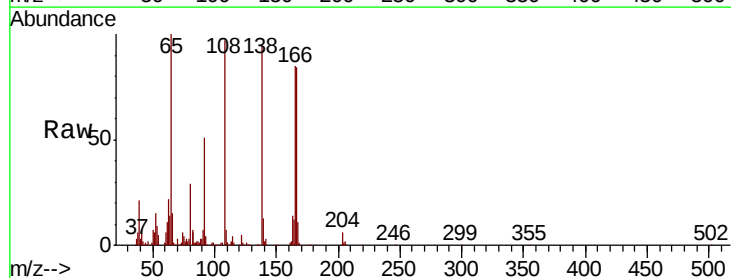
RT: 15.72 min Scan# 2151

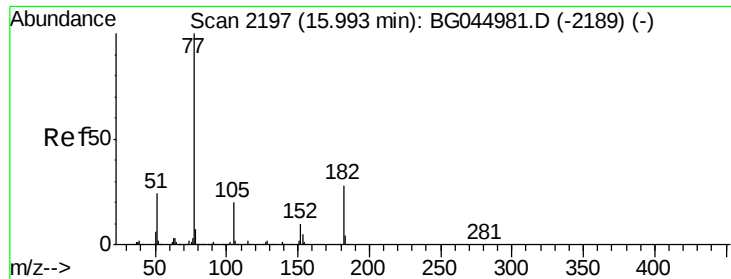
Delta R.T. 0.01 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	138	Resp:	217934
Ion Ratio	Lower	Upper	
138	100		
92	54.0	33.6	73.6
108	102.7	78.2	118.2





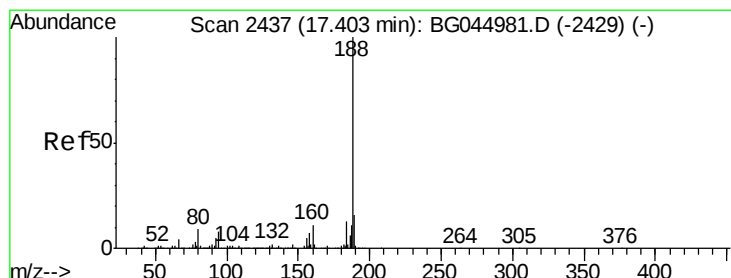
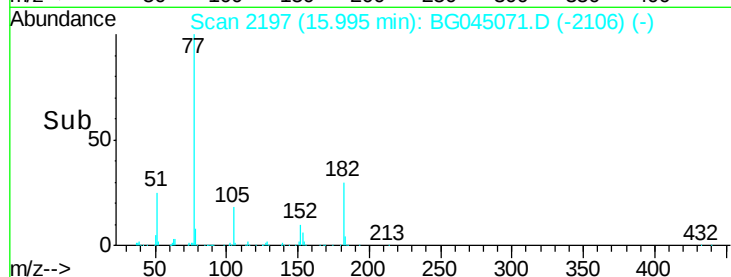
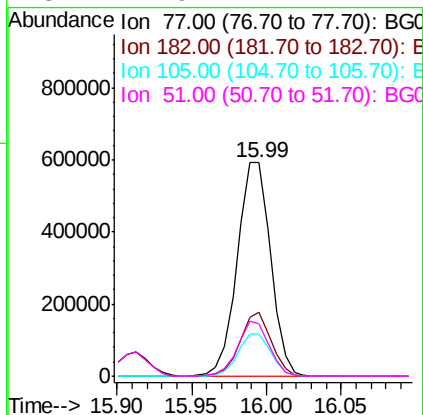
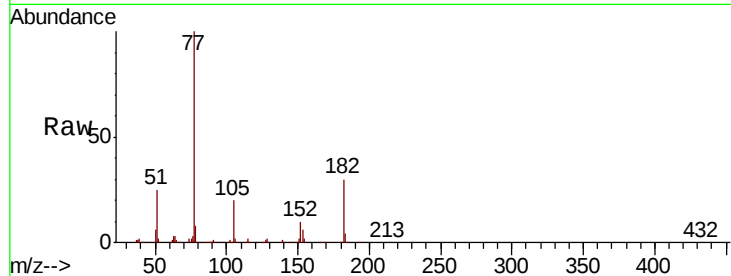
#63
Azobenzene
Concen: 56.799 ng
RT: 15.99 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		918284		
182	29.9	8.4	48.4		
105	19.7	0.5	40.5		
51	24.9	4.4	44.4		

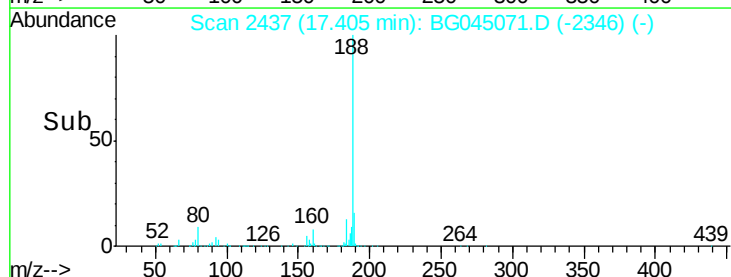
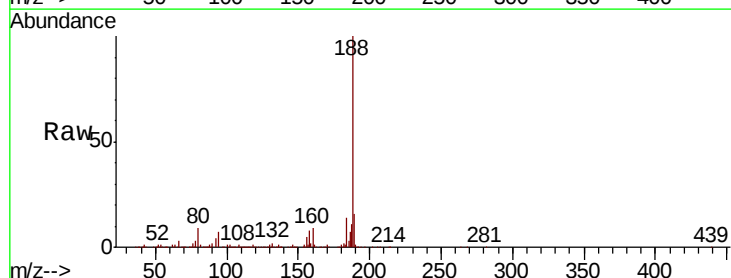
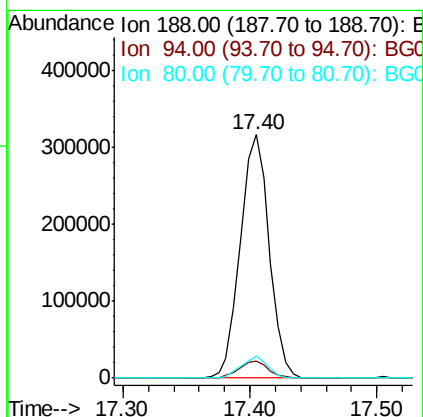
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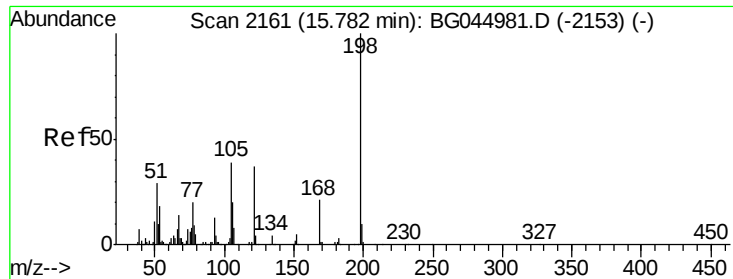
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		496739		
94	6.9	6.2	9.4		
80	9.2	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 64.135 ng

RT: 15.78 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

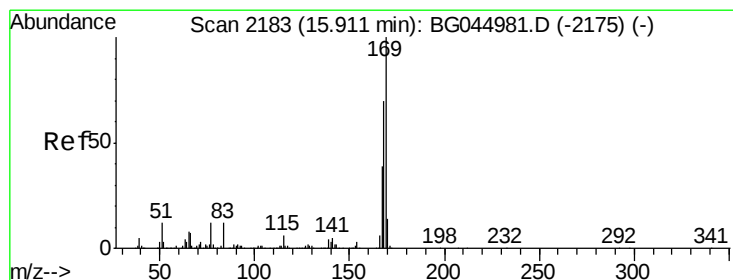
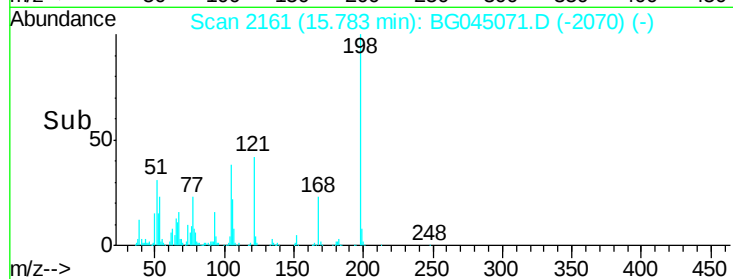
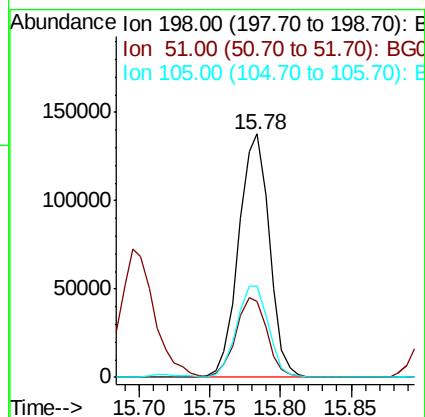
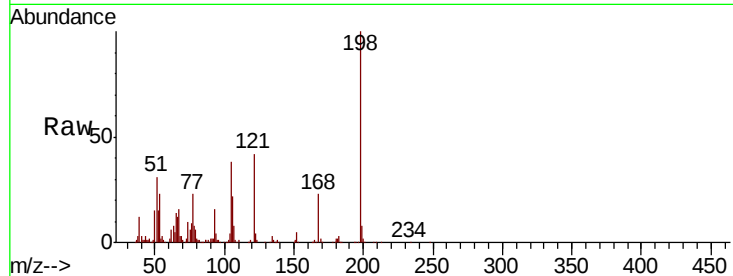
ClientSampleId :

PA-5MSD

Tot Ion:	198	Resp:	209406
Ion Ratio	Lower	Upper	
198	100		
51	31.1	10.0	50.0
105	37.7	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 57.820 ng

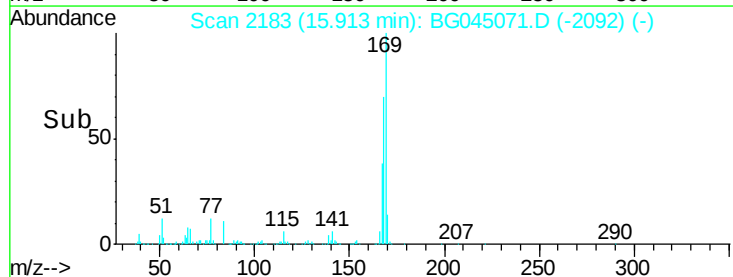
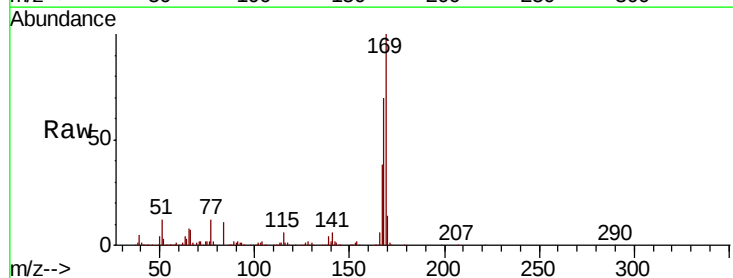
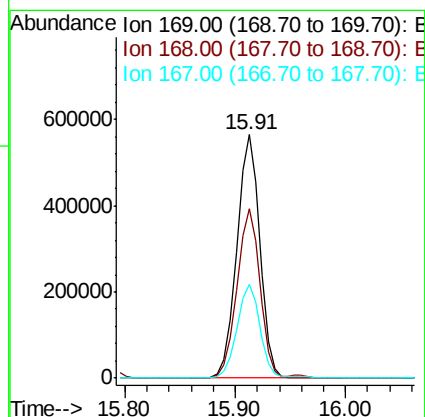
RT: 15.91 min Scan# 2183

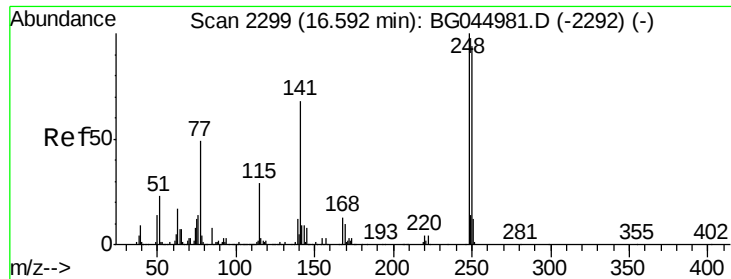
Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	169	Resp:	825228
Ion Ratio	Lower	Upper	
169	100		
168	69.8	55.8	83.8
167	38.4	30.8	46.2





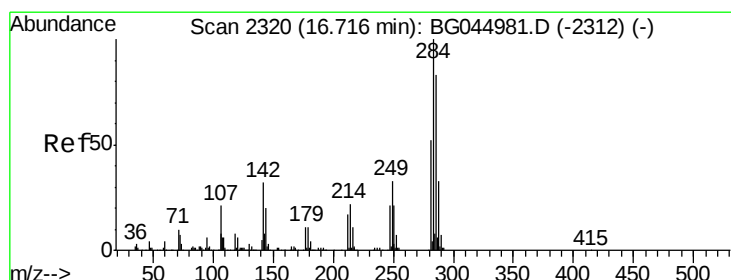
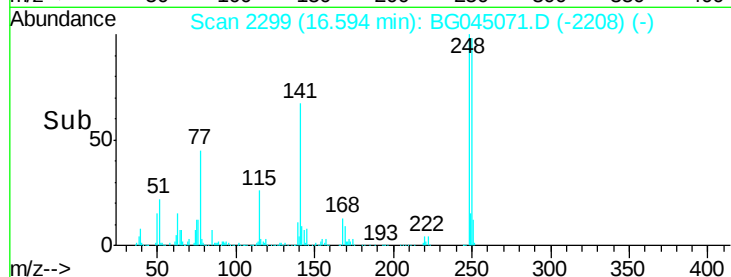
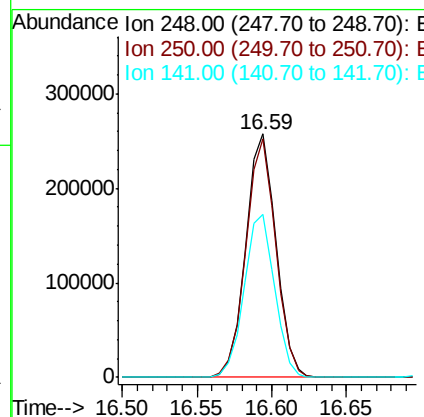
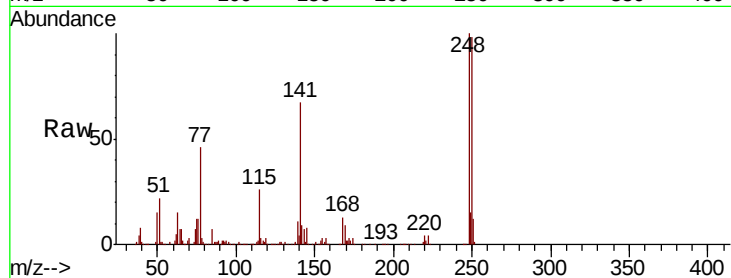
#67
4-Bromophenyl-phenylether
Concen: 56.105 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.4	113.2
141	66.8	54.4	81.6

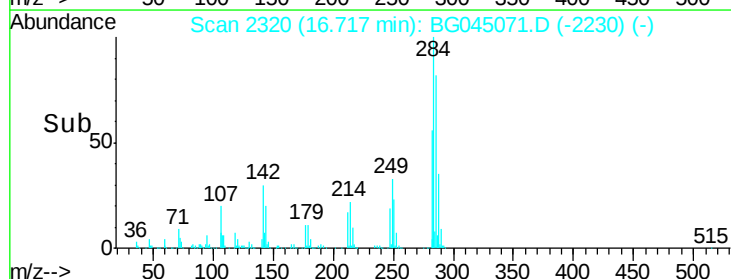
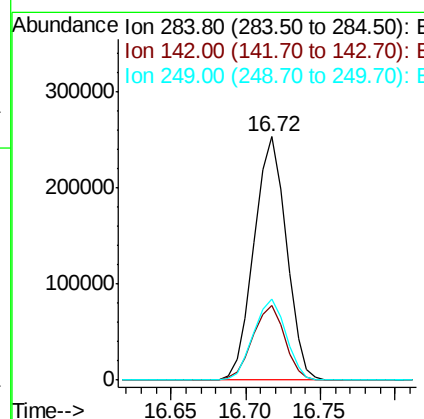
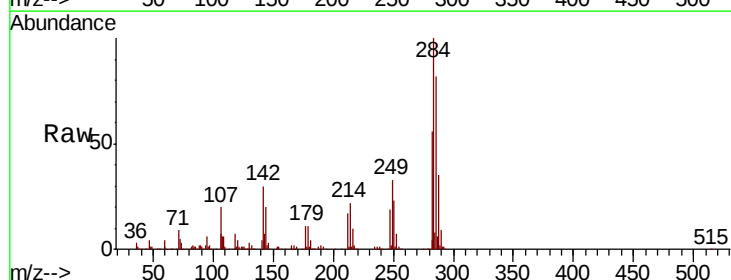
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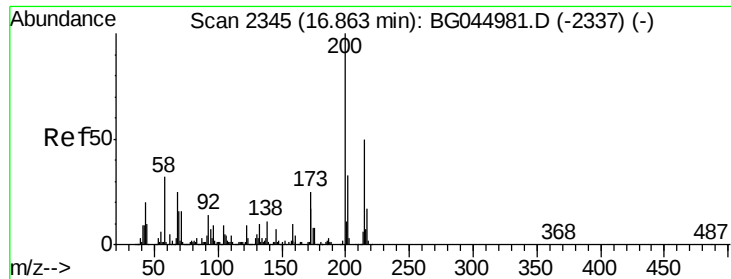
mohammad
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#68
Hexachlorobenzene
Concen: 57.094 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.6
249	33.3	26.6	39.8





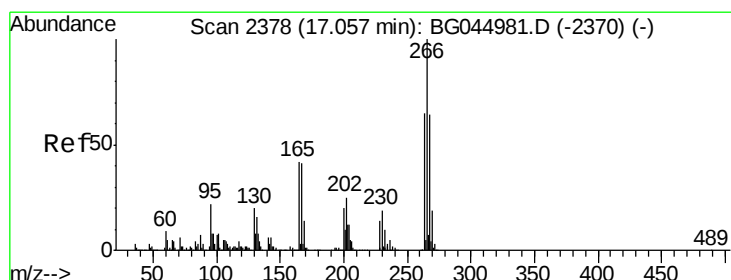
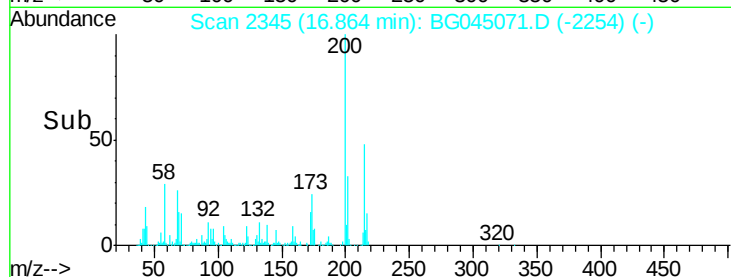
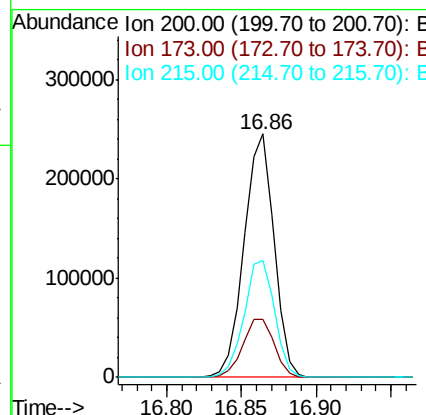
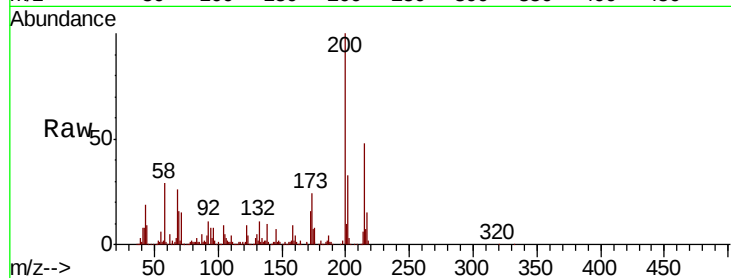
#69
Atrazine
Concen: 67.754 ng
RT: 16.86 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	48.0	30.0	70.0

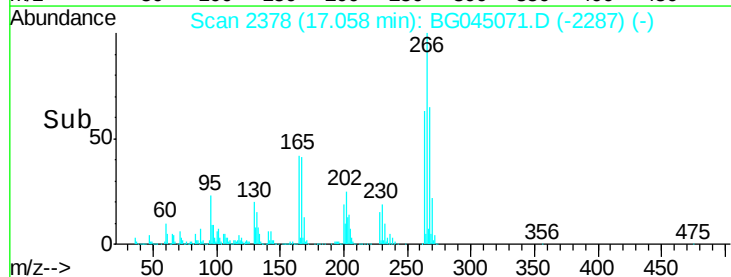
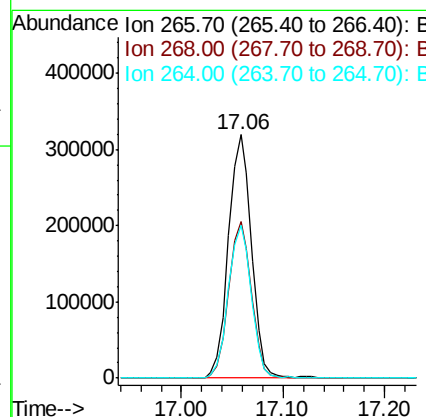
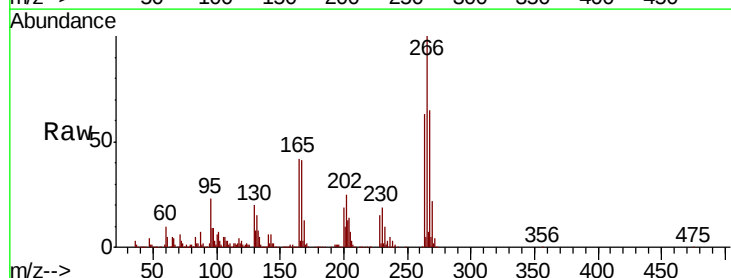
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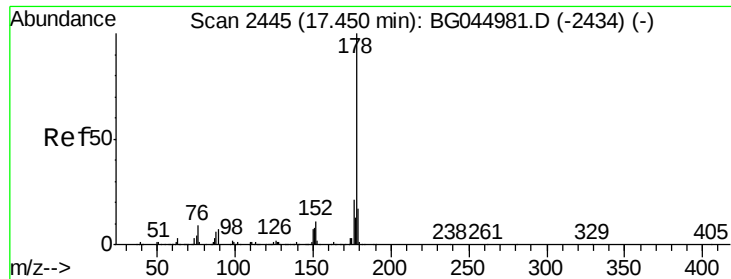
mohammad
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#70
Pentachlorophenol
Concen: 123.483 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.5	77.3
264	62.5	52.2	78.4





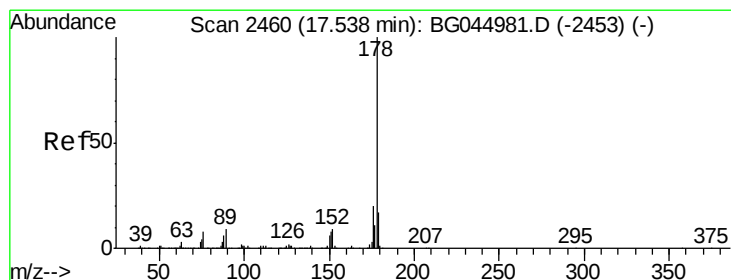
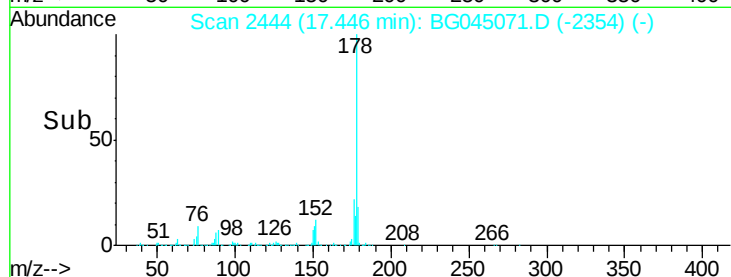
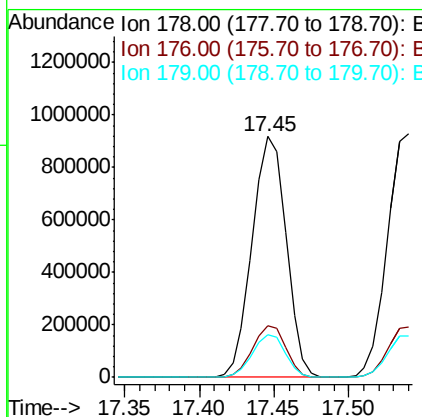
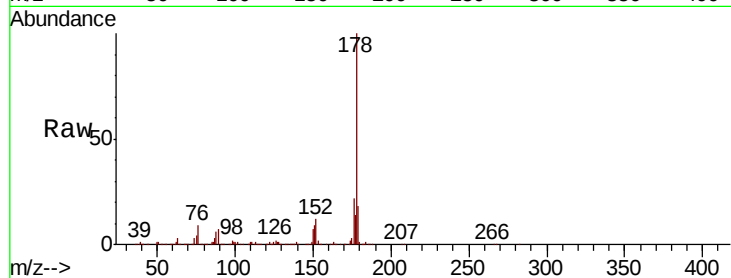
#71
Phenanthrene
Concen: 56.732 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	17.7	13.2	19.8

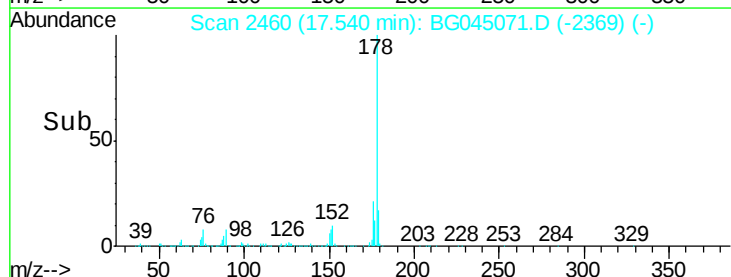
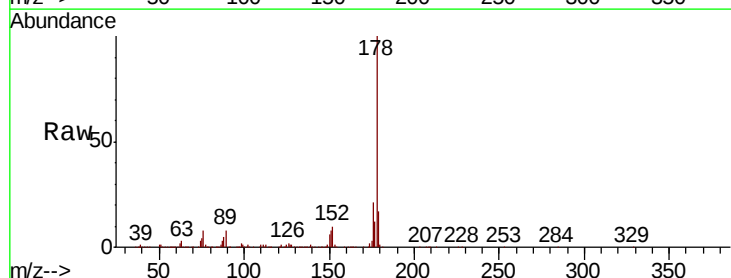
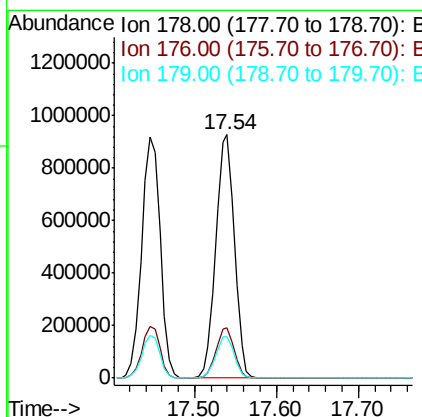
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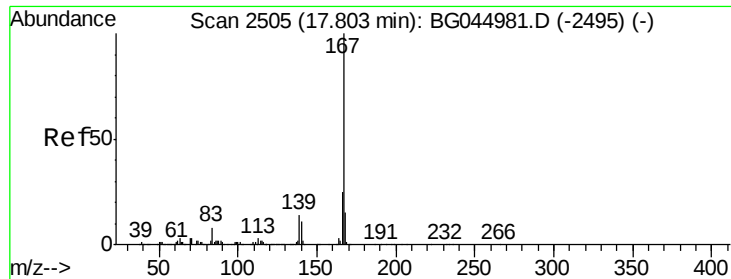
mohammad
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#72
Anthracene
Concen: 57.297 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	17.2	13.6	20.4





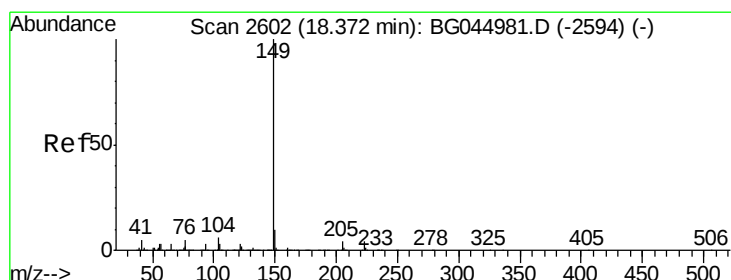
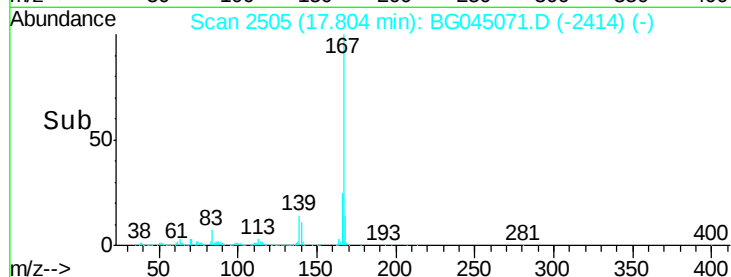
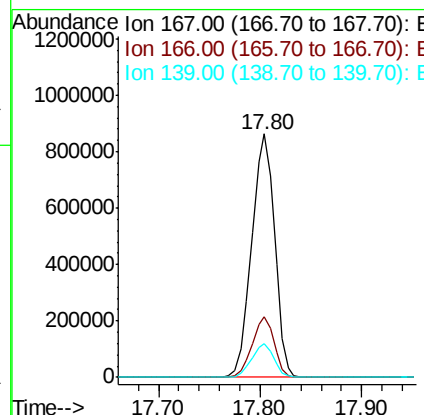
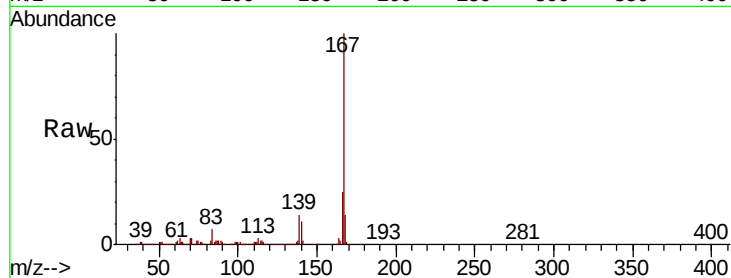
#73
 Carbazole
 Concen: 52.246 ng
 RT: 17.80 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MSD

Tot Ion:	167	Resp:	1357577
Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.8	29.6
139	13.8	10.9	16.3

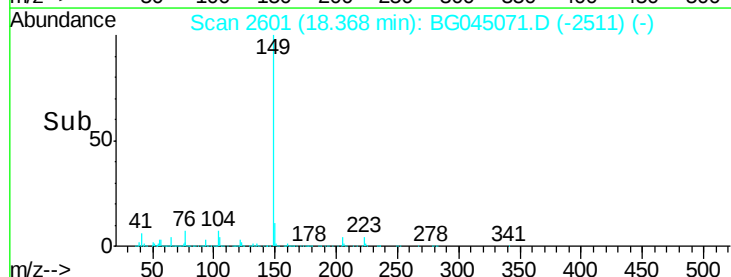
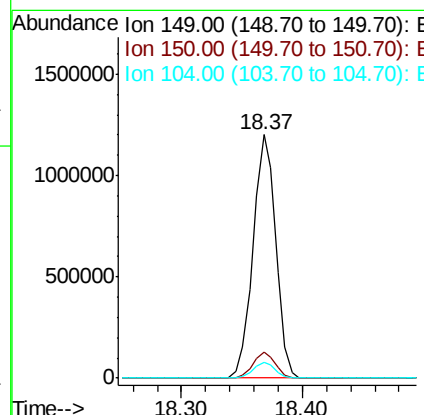
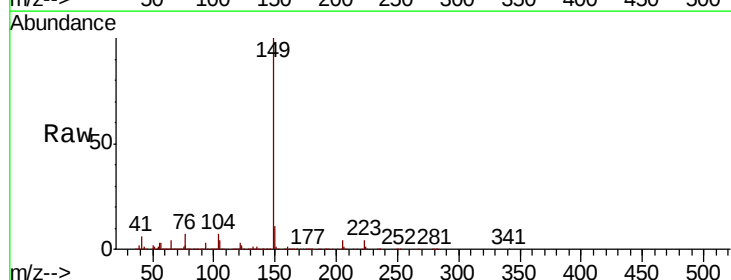
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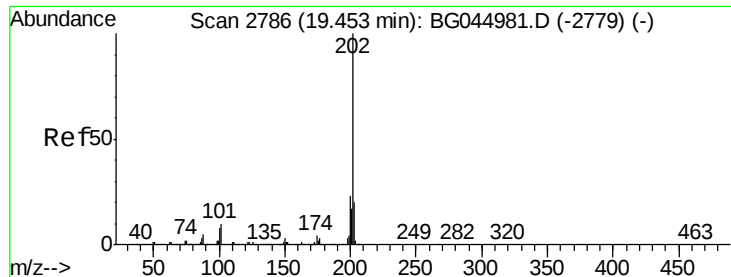
mohammad
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#74
 Di-n-butylphthalate
 Concen: 57.411 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045071.D
 Acq: 18 Apr 2020 17:42

Tgt Ion:	149	Resp:	1576538
Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	6.6	4.8	7.2





#75

Fluoranthene

Concen: 60.294 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

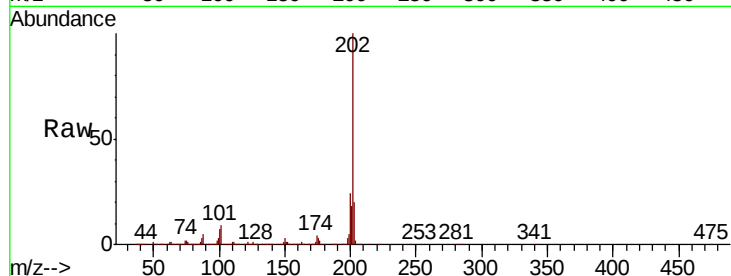
ClientSampleId :

PA-5MSD

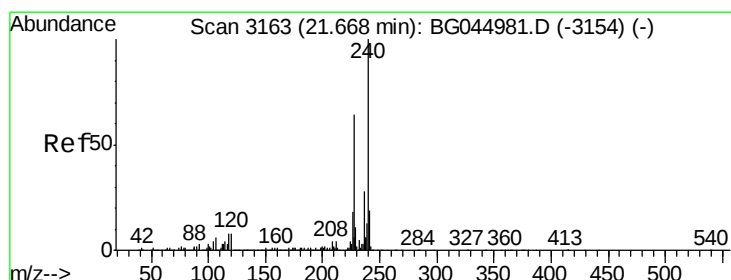
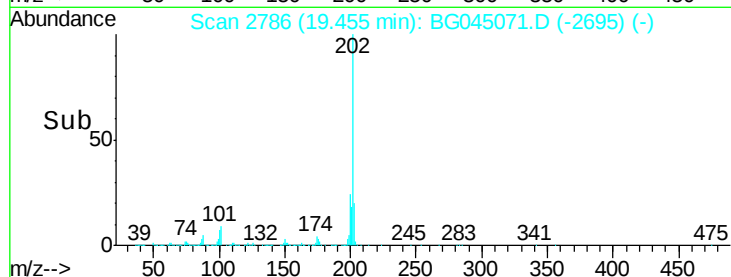
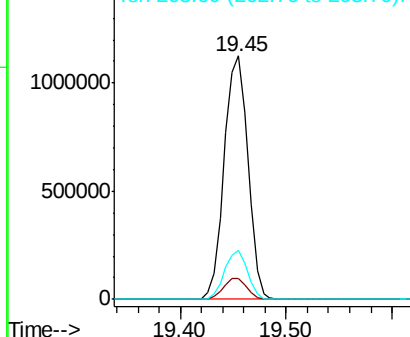
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.8	0.0	29.6		
203	20.0	0.0	39.7		

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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

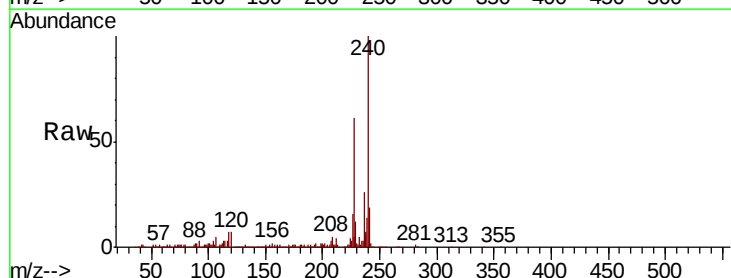
RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

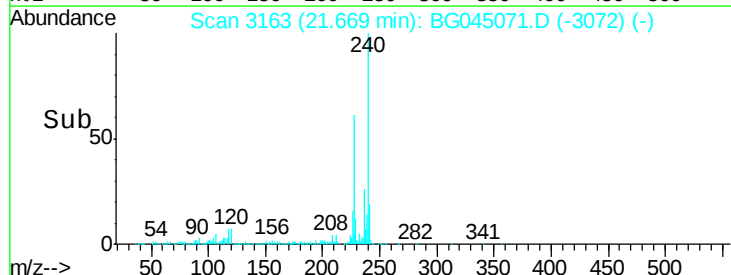
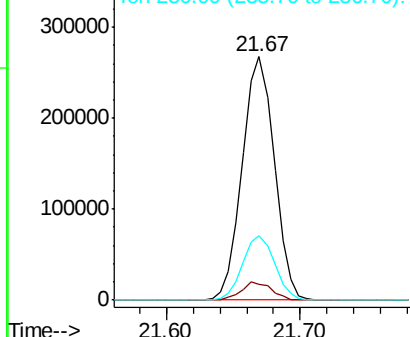
Lab File: BG045071.D

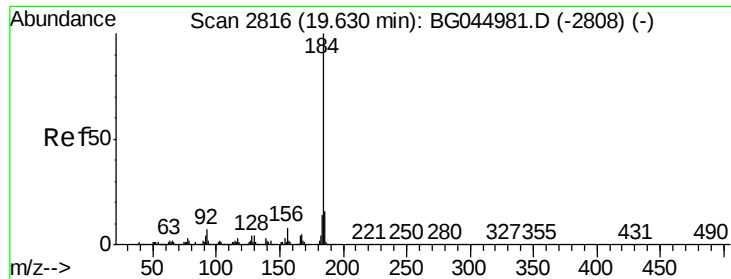
Acq: 18 Apr 2020 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	6.6	6.6	10.0#		
236	26.3	22.2	33.2		



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





#77

Benzidine

Concen: 62.600 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

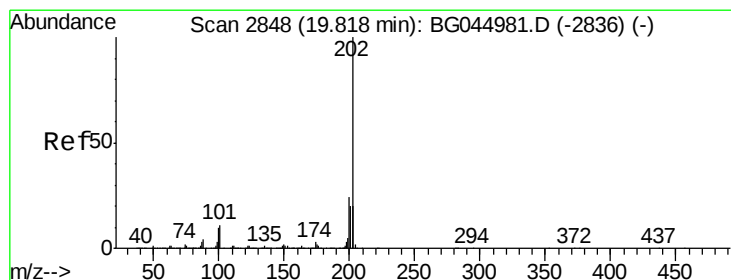
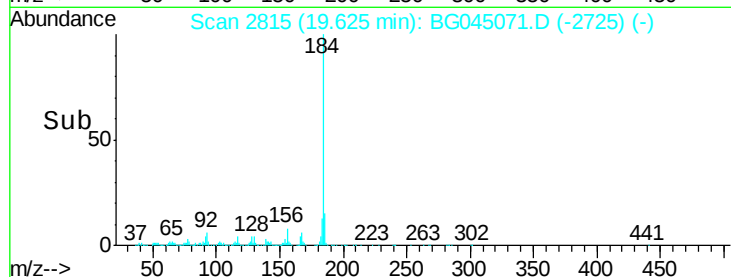
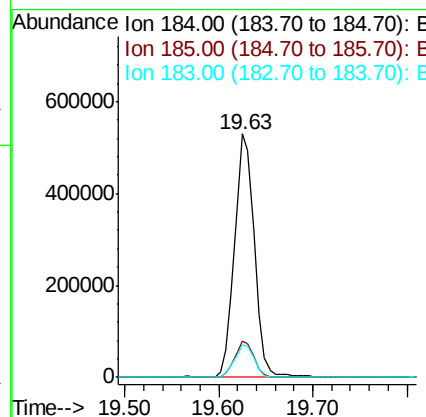
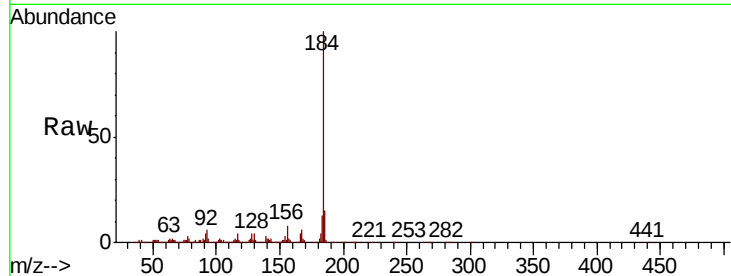
ClientSampleId :

PA-5MSD

Tot Ion:	184	Resp:	776748
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	13.1	11.3	16.9

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#78

Pyrene

Concen: 54.801 ng

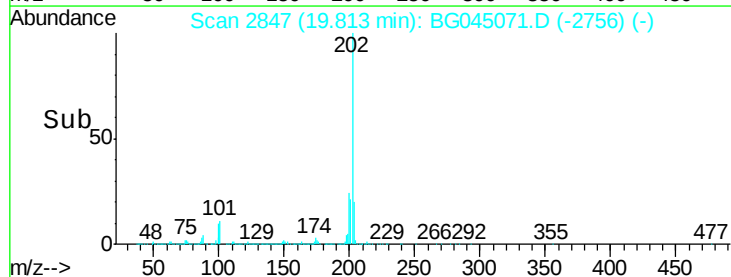
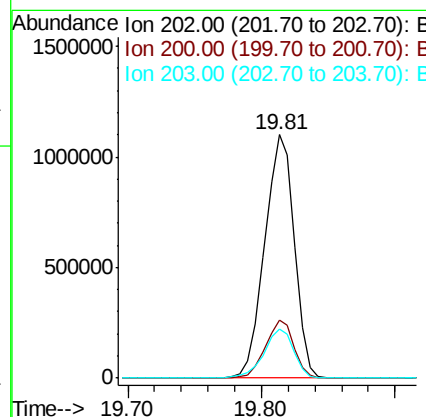
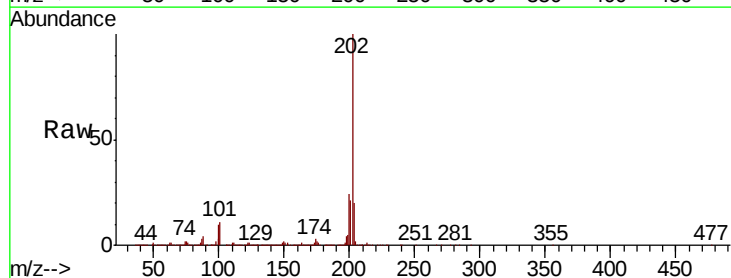
RT: 19.81 min Scan# 2847

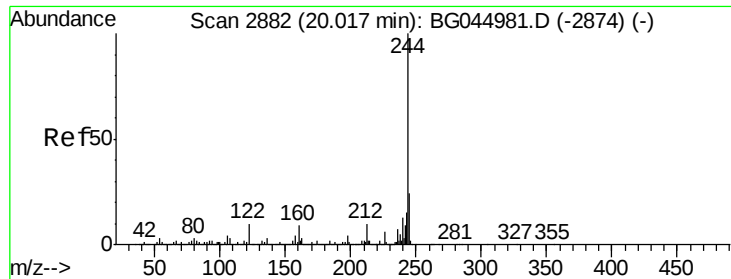
Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	202	Resp:	1681036
Ion Ratio	Lower	Upper	
202	100		
200	24.0	19.0	28.6
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 108.015 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

PA-5MSD

Tot Ion:244 Resp: 2205114

Ion Ratio Lower Upper

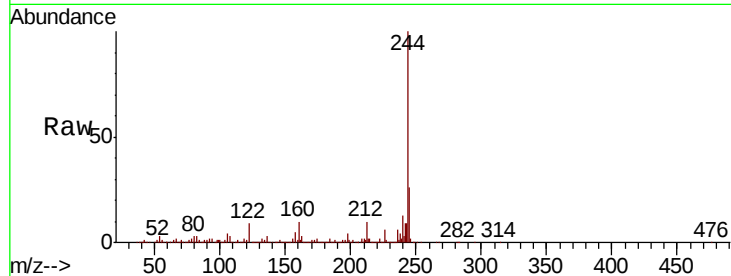
244 100

212 10.2 7.9 11.9

122 9.4 7.7 11.5

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2000000

1500000

1000000

500000

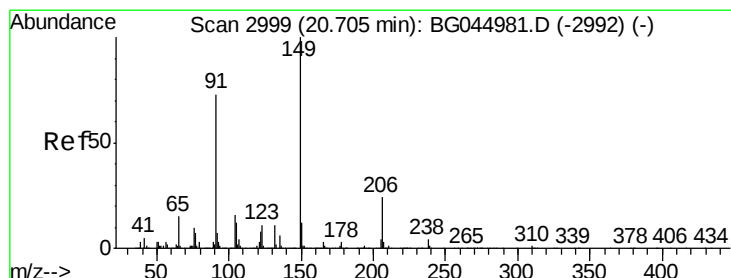
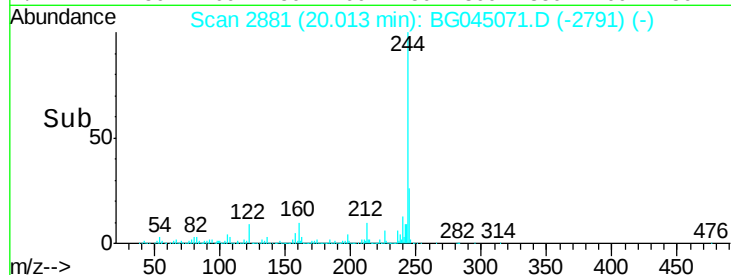
0

20.01

19.90

20.10

Time-->



#80

Butylbenzylphthalate

Concen: 55.836 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

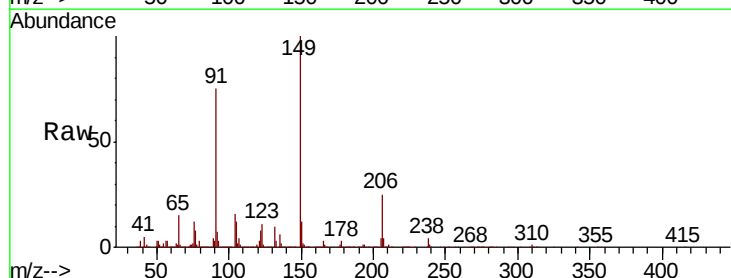
Tgt Ion:149 Resp: 709971

Ion Ratio Lower Upper

149 100

91 74.6 58.5 87.7

206 24.7 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

800000

600000

400000

200000

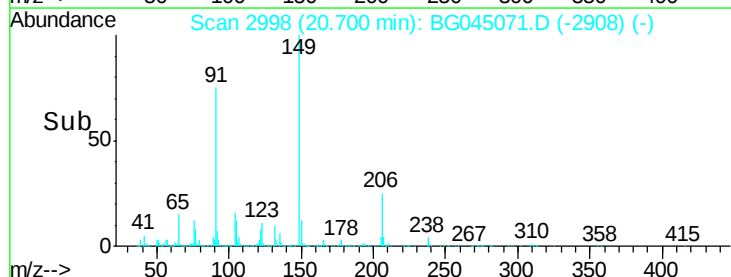
0

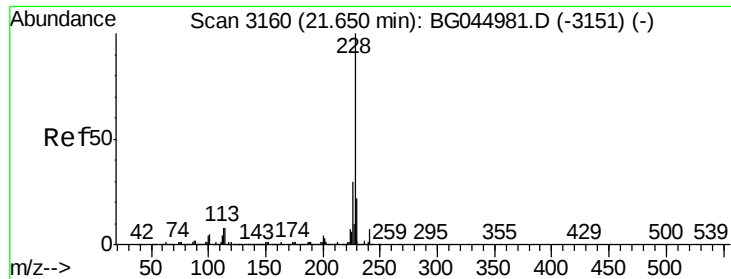
20.70

20.65

20.75

Time-->





#81

Benzo(a)anthracene

Concen: 57.327 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

PA-5MSD

Tot Ion:228 Resp: 1653275

Ion Ratio Lower Upper

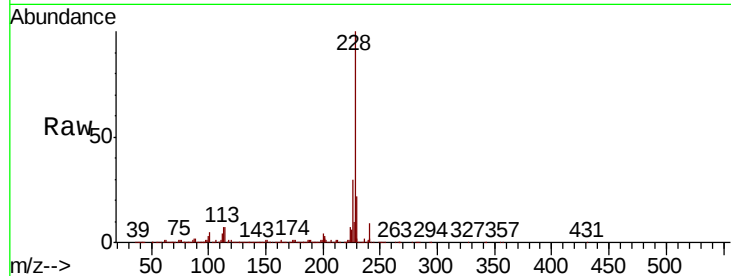
228 100

226 30.2 24.0 36.0

229 21.8 17.5 26.3

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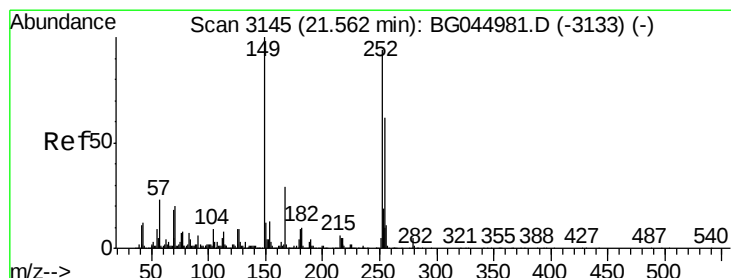
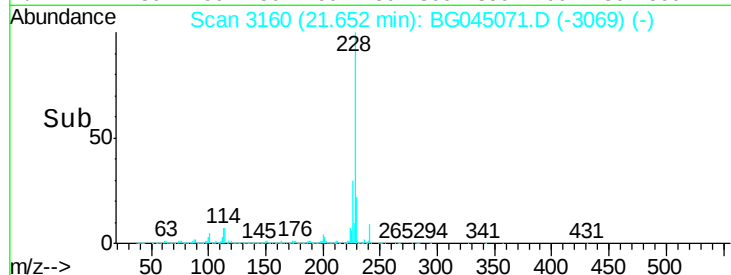
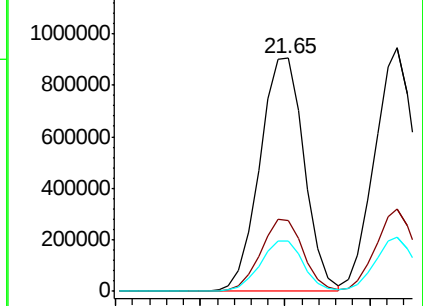
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.803 ng

RT: 21.56 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

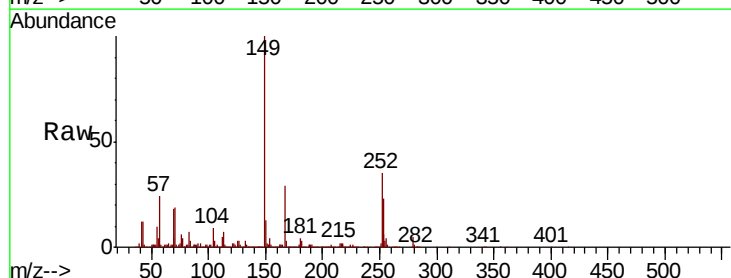
Tgt Ion:252 Resp: 353586

Ion Ratio Lower Upper

252 100

254 65.0 52.6 79.0

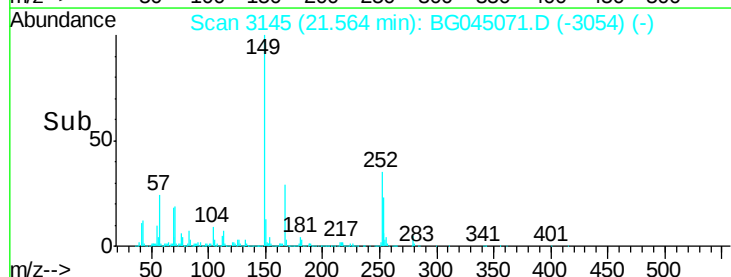
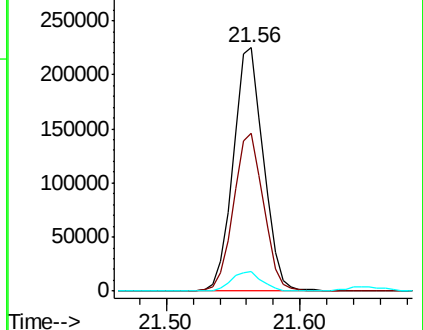
126 8.1 7.5 11.3

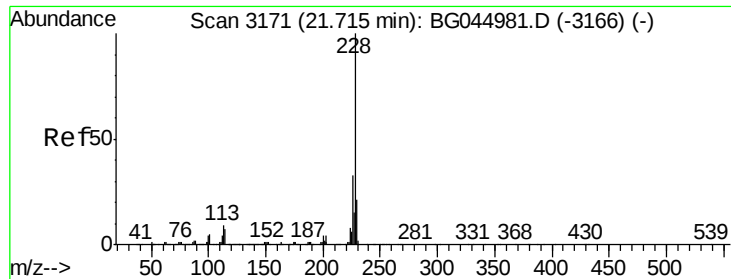


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.980 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

PA-5MSD

Tot Ion:228 Resp: 1578884

Ion Ratio Lower Upper

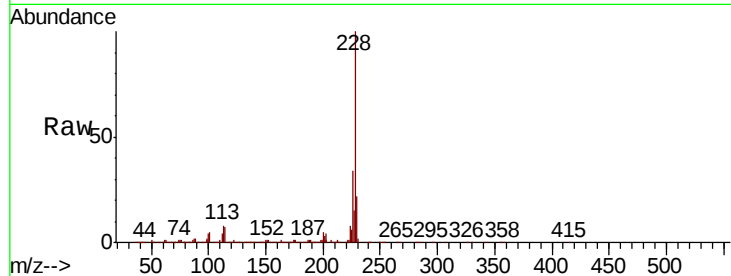
228 100

226 34.0 26.2 39.4

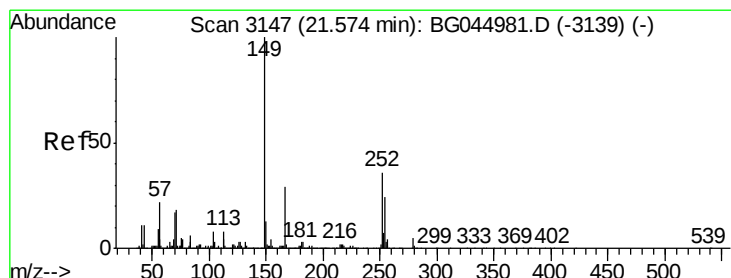
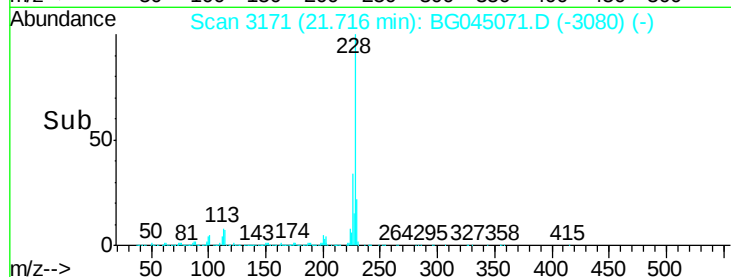
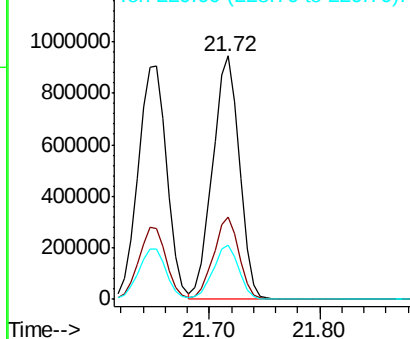
229 22.4 17.0 25.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.946 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

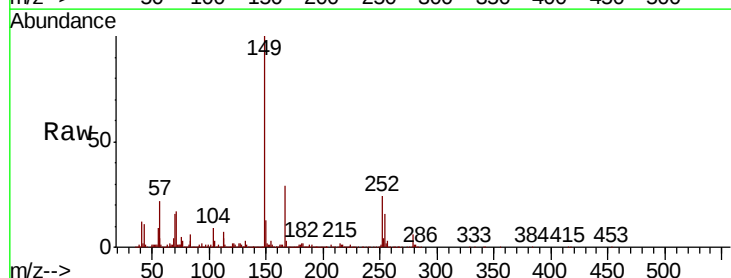
Tgt Ion:149 Resp: 978389

Ion Ratio Lower Upper

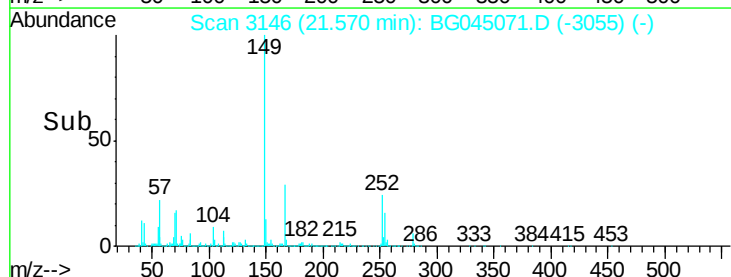
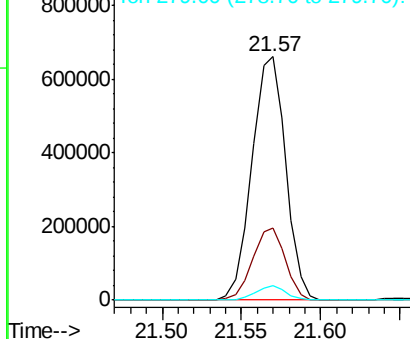
149 100

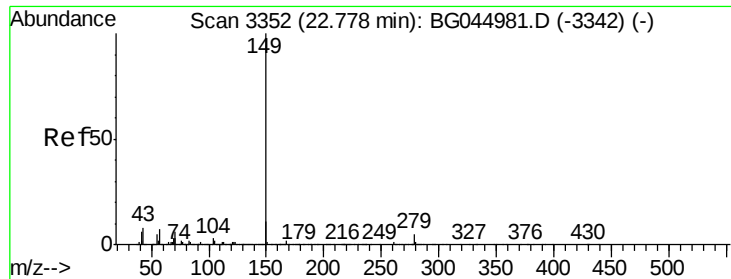
167 29.5 23.4 35.0

279 6.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.704 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Instrument :

BNA_G

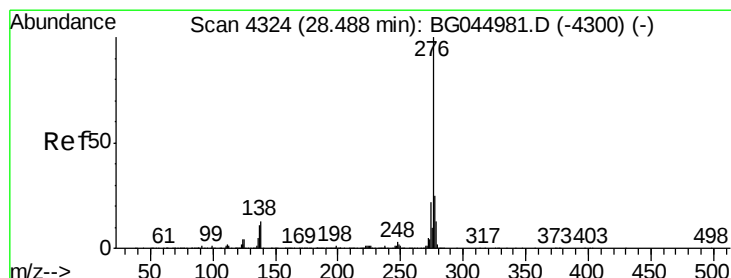
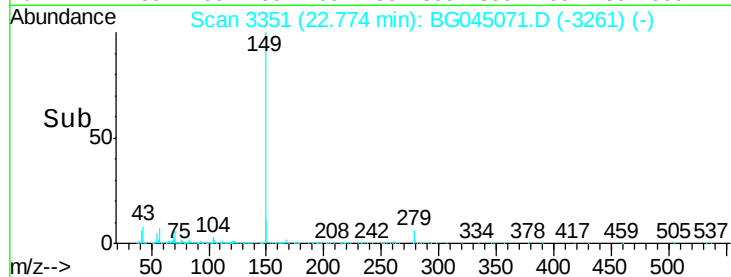
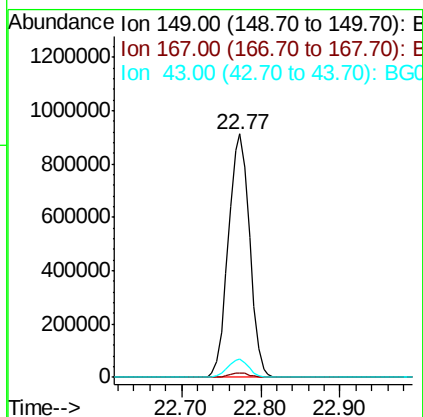
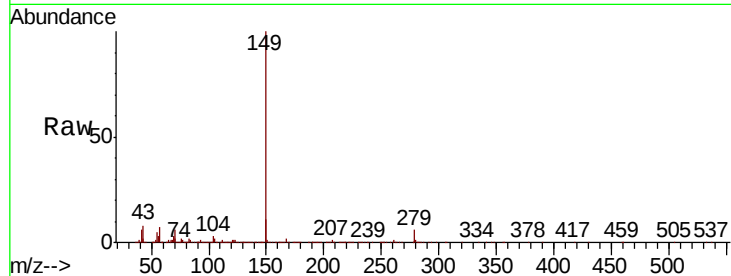
ClientSampleId :

PA-5MSD

Tot Ion:	149	Resp:	1684547
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.4	5.7	8.5

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#86

Indeno(1,2,3-cd)pyrene

Concen: 59.867 ng

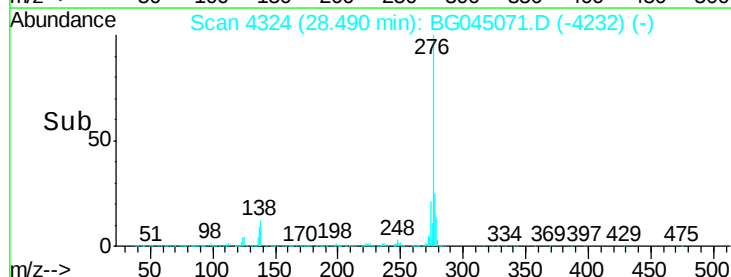
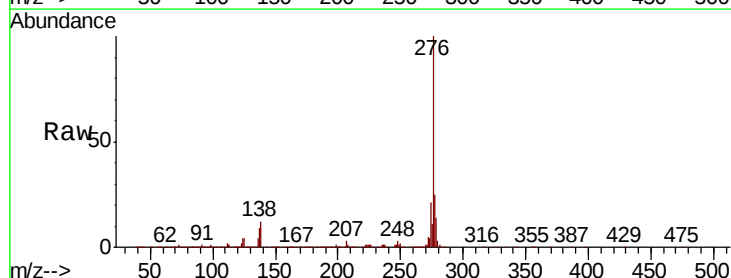
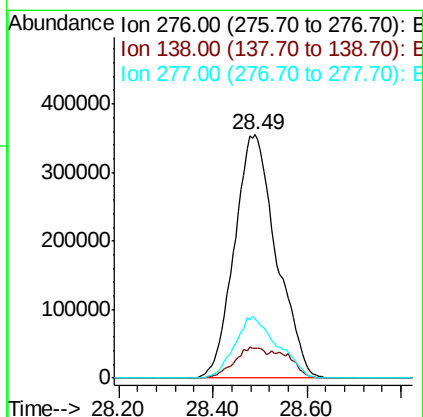
RT: 28.49 min Scan# 4324

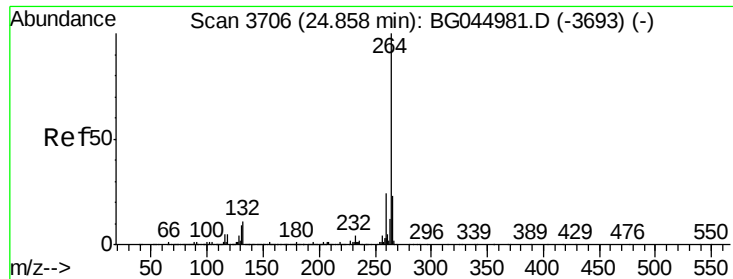
Delta R.T. 0.01 min

Lab File: BG045071.D

Acq: 18 Apr 2020 17:42

Tgt Ion:	276	Resp:	2202481
Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.6	14.4#
277	25.7	20.6	31.0





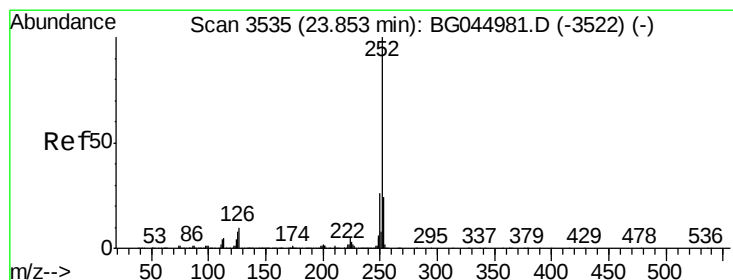
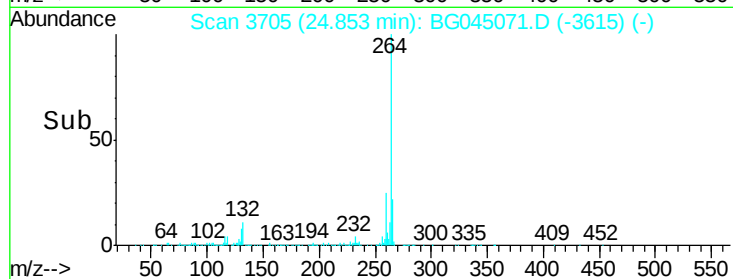
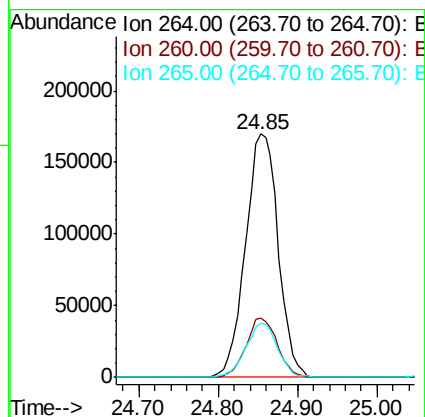
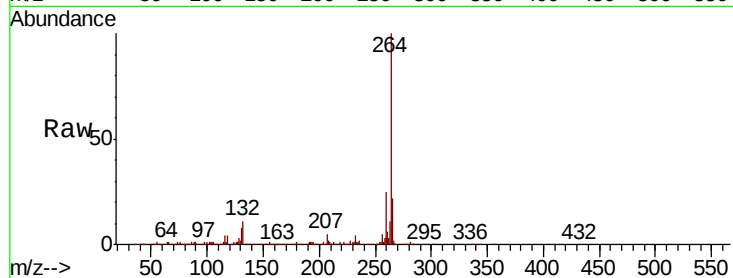
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion:	264	Resp:	486114
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	19.0	28.4

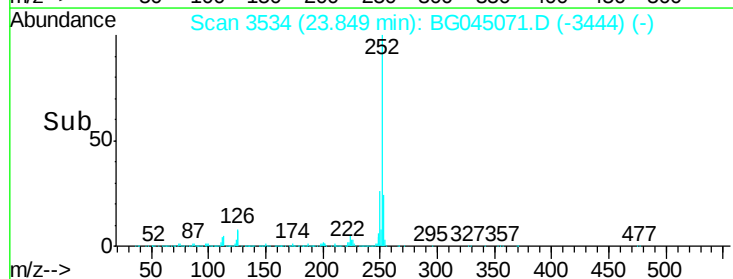
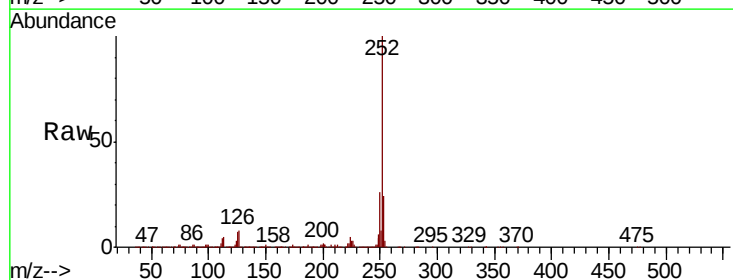
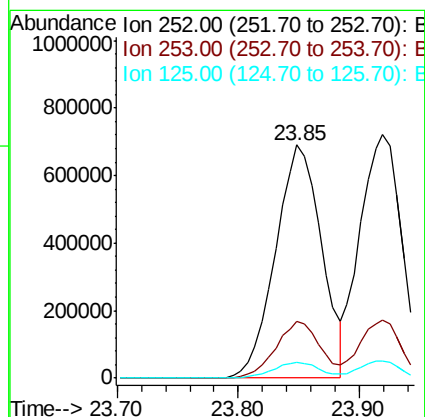
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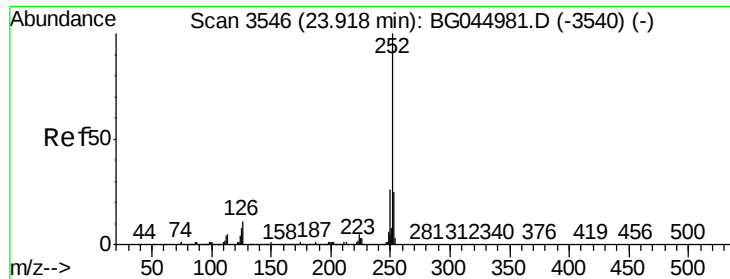
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#88
Benzo(b)fluoranthene
Concen: 59.850 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion:	252	Resp:	1822446
Ion Ratio		Lower	Upper
252	100		
253	24.3	18.8	28.2
125	6.8	6.2	9.4





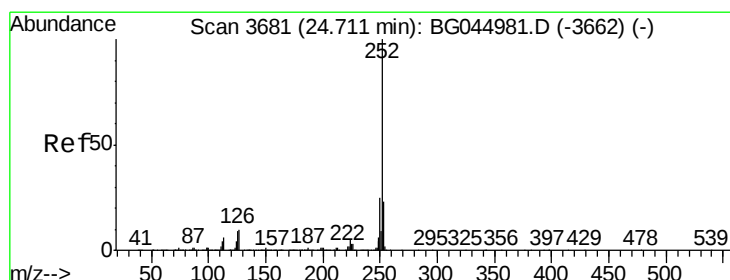
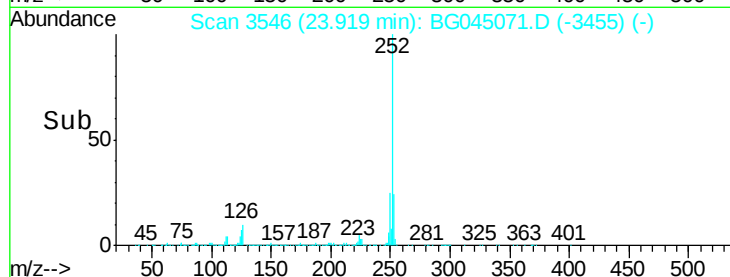
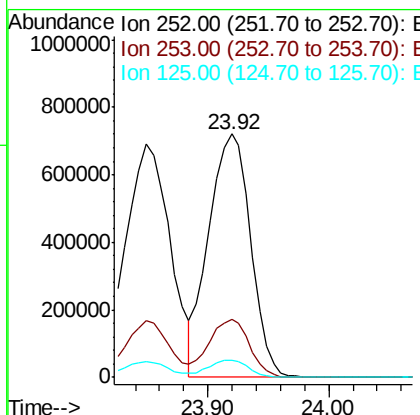
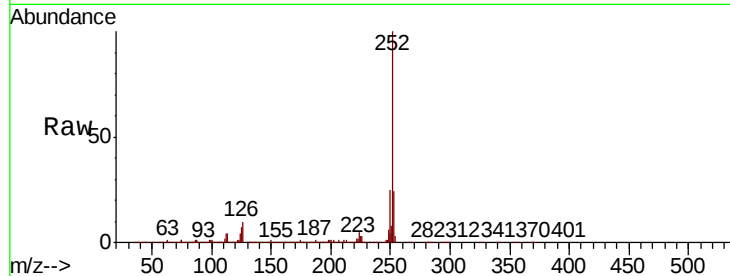
#89
Benzo(k)fluoranthene
Concen: 59.816 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	7.2	5.9	8.9

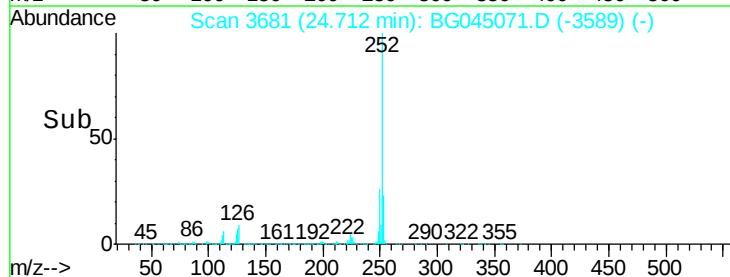
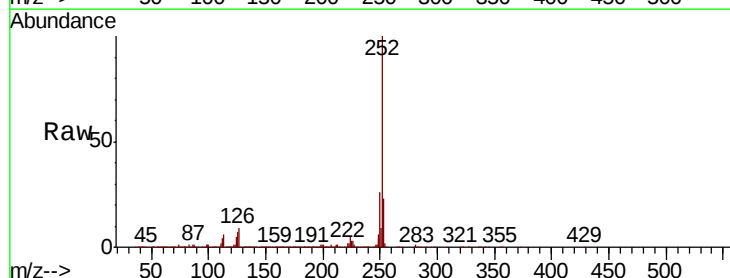
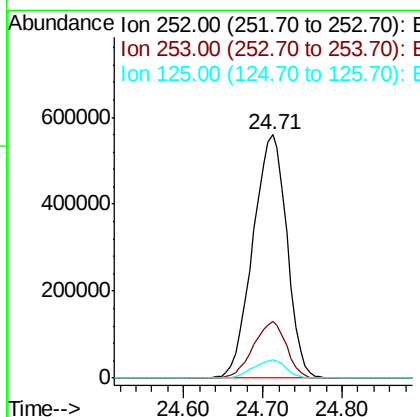
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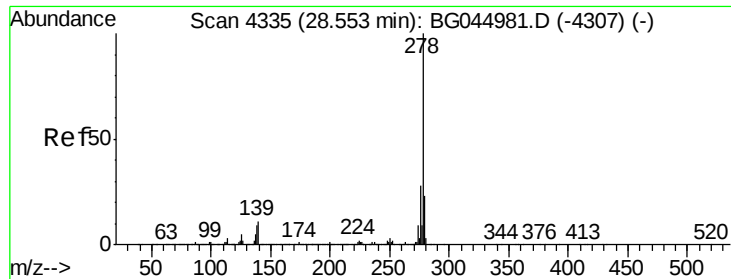
mohammad
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#90
Benzo(a)pyrene
Concen: 57.941 ng
RT: 24.71 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.3	7.0	10.6





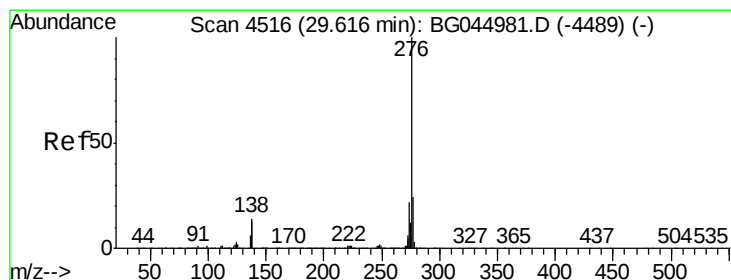
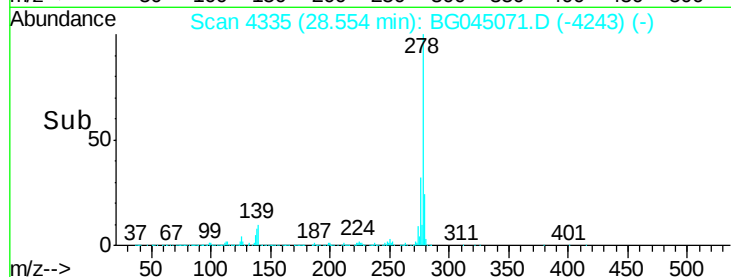
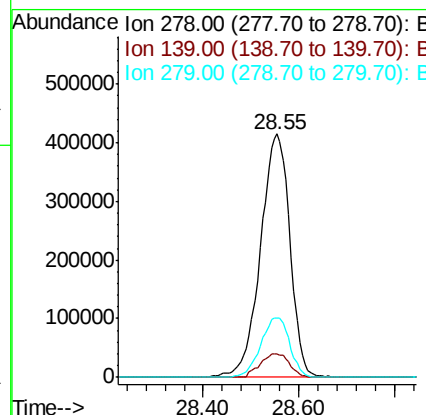
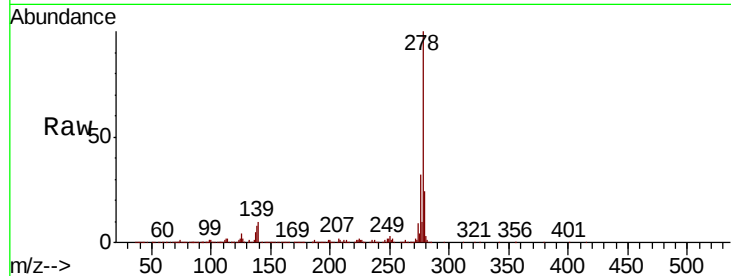
#91
Dibenzo(a,h)anthracene
Concen: 61.023 ng
RT: 28.55 min Scan# 4335
Delta R.T. 0.01 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
PA-5MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.0	13.6
279	24.5	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 61.718 ng
RT: 29.62 min Scan# 4517
Delta R.T. 0.02 min
Lab File: BG045071.D
Acq: 18 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	12.5	11.4	17.2

