

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045070.D
 Acq On : 18 Apr 2020 17:03
 Operator : CG/JU
 Sample : L2283-04MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Manual Integrations
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 4/20/2020 2:41:01 PM

Quant Time: Apr 20 03:46:07 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	53302	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	230813	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	185300	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	472144	20.00	ng	0.00
76) Chrysene-d12	21.67	240	432628	20.00	ng	0.00
87) Perylene-d12	24.85	264	466938	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	286511	88.74	ng	0.00
7) Phenol-d6	7.19	99	443426	92.44	ng	0.00
23) Nitrobenzene-d5	9.18	82	266951	52.77	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	264852	92.52	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	702276	55.57	ng	0.00
79) Terphenyl-d14	20.01	244	1375869	69.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	69214	48.239	ng	98
3) Pyridine	3.88	79	200556	45.397	ng	99
4) n-Nitrosodimethylamine	3.79	42	79906	59.043	ng	87
6) Aniline	7.34	93	265308	42.539	ng	97
8) 2-Chlorophenol	7.59	128	238179	68.643	ng	97
9) Benzaldehyde	7.15	77	113812	43.015	ng	96
10) Phenol	7.21	94	334207	69.625	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	210568	55.097	ng	99
12) 1,3-Dichlorobenzene	7.91	146	237410	58.064	ng	98
13) 1,4-Dichlorobenzene	8.06	146	241024	59.159	ng	98
14) 1,2-Dichlorobenzene	8.38	146	224990	57.723	ng	93
15) Benzyl Alcohol	8.26	79	245975	61.161	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	196441	52.363	ng	96
17) 2-Methylphenol	8.47	107	224324	60.570	ng	95
18) Hexachloroethane	9.11	117	88554	57.817	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	191534	56.461	ng	98
20) 3+4-Methylphenols	8.79	107	315955	60.950	ng	96
22) Acetophenone	8.84	105	353898	56.698	ng	# 98
24) Nitrobenzene	9.22	77	299259	57.715	ng	97
25) Isophorone	9.75	82	554962	53.573	ng	99
26) 2-Nitrophenol	9.93	139	137085	61.377	ng	93
27) 2,4-Dimethylphenol	10.00	122	224745	63.417	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	311295	57.194	ng	98
29) 2,4-Dichlorophenol	10.48	162	270812	66.179	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	268942	58.048	ng	97
31) Naphthalene	10.88	128	727604	57.625	ng	99
32) Benzoic acid	10.16	122	197826	66.298	ng	98
33) 4-Chloroaniline	10.98	127	119030	20.214	ng	95
34) Hexachlorobutadiene	11.18	225	179282	56.439	ng	98
35) Caprolactam	11.76	113	105411m	64.724	ng	
36) 4-Chloro-3-methylphenol	12.11	107	325746	67.763	ng	96
37) 2-Methylnaphthalene	12.49	142	580994	59.282	ng	96
38) 1-Methylnaphthalene	12.71	142	554290	59.909	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	324103	54.323	ng	98

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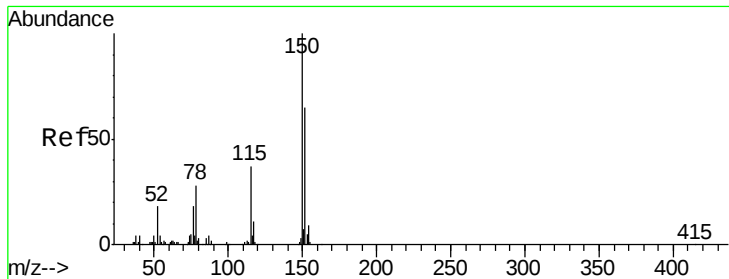
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	412216	110.545	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	256113	60.824	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	279716	58.361	nq	97
46) 1,1'-Biphenyl	13.49	154	763325	54.198	nq	99
47) 2-Chloronaphthalene	13.53	162	593038	55.106	nq	97
48) 2-Nitroaniline	13.73	65	208823	58.976	nq	98
49) Acenaphthylene	14.38	152	999802	57.036	nq	99
50) Dimethylphthalate	14.11	163	932960	61.835	nq	98
51) 2,6-Dinitrotoluene	14.23	165	199275	59.049	nq	95
52) Acenaphthene	14.72	154	792886m	66.853	nq	
53) 3-Nitroaniline	14.56	138	126010	34.045	nq	93
54) 2,4-Dinitrophenol	14.76	184	274335	136.708	nq	95
55) Dibenzofuran	15.06	168	1005345	58.142	nq	99
56) 4-Nitrophenol	14.87	139	342662	119.400	nq	94
57) 2,4-Dinitrotoluene	15.01	165	292454	59.299	nq	98
58) Fluorene	15.71	166	836148	59.201	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	281606	66.033	nq	98
60) Diethylphthalate	15.48	149	895992	56.958	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	463250	56.984	nq	100
62) 4-Nitroaniline	15.72	138	213786	55.688	nq	97
63) Azobenzene	15.99	77	852540	58.783	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	198154	63.850	nq	96
66) n-Nitrosodiphenylamine	15.91	169	766139	56.477	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	333058	54.680	nq	96
68) Hexachlorobenzene	16.72	284	362850	57.439	nq	96
69) Atrazine	16.87	200	327868	68.791	nq	98
70) Pentachlorophenol	17.06	266	463191	119.523	nq	100
71) Phenanthrene	17.45	178	1380060	56.881	nq	99
72) Anthracene	17.53	178	1403616	57.673	nq	99
73) Carbazole	17.80	167	1286333	52.083	nq	99
74) Di-n-butylphthalate	18.37	149	1531415	58.827	nq	99
75) Fluoranthene	19.45	202	1681219	61.171	nq	99
77) Benzidine	19.63	184	745051	61.664	nq	97
78) Pyrene	19.81	202	1635194	54.825	nq	99
80) Butylbenzylphthalate	20.70	149	695358	56.245	nq	100
81) Benzo(a)anthracene	21.65	228	1587234	56.605	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	377762	33.847	nq	95
83) Chrysene	21.71	228	1522077	56.495	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	945460	55.604	nq	100
85) Di-n-octyl phthalate	22.77	149	1626093	55.303	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2069363	57.852	nq	# 97
88) Benzo(b)fluoranthene	23.85	252	1772628m	60.605	nq	
89) Benzo(k)fluoranthene	23.92	252	1646331	59.187	nq	98
90) Benzo(a)pyrene	24.71	252	1613919	58.443	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	1678037	60.304	nq	97
92) Benzo(g,h,i)perylene	29.62	276	1713194	61.410	nq	97

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



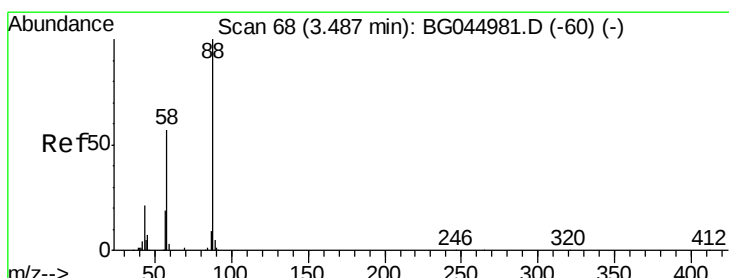
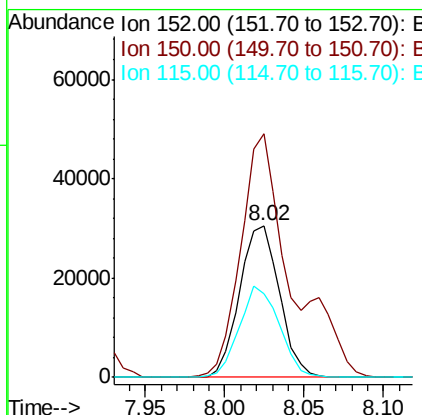
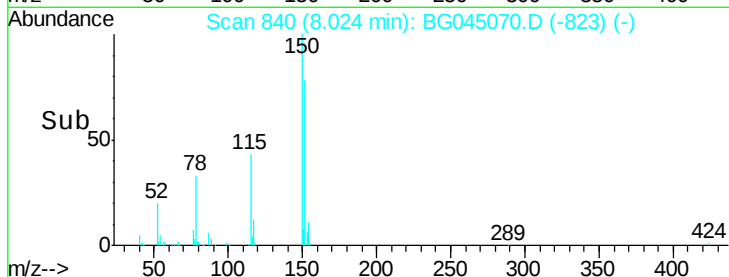
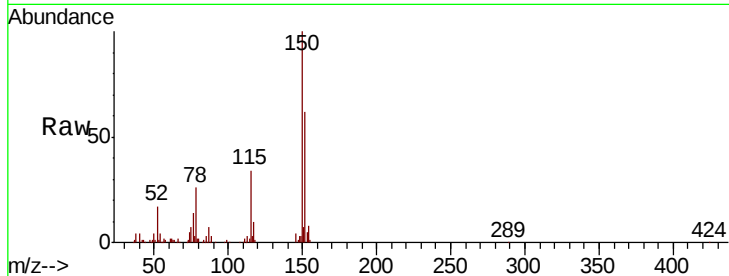
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion:	152	Resp:	53302
Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.6	185.4
115	54.9	49.1	73.7

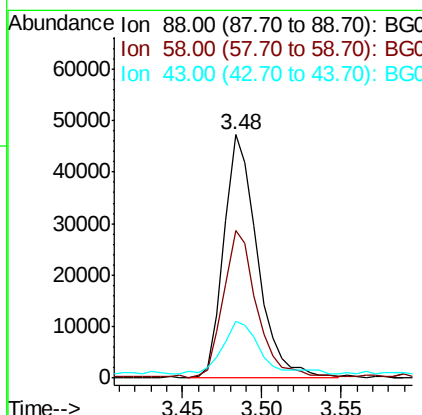
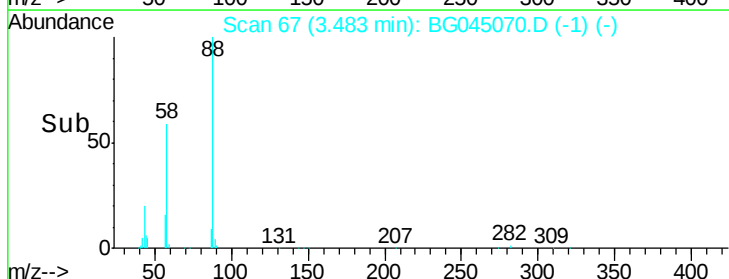
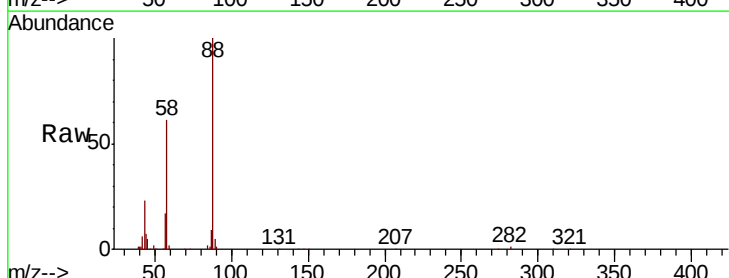
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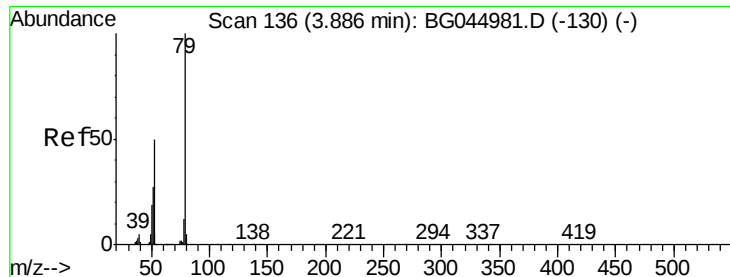
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#2
1,4-Dioxane
Concen: 48.239 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:	88	Resp:	69214
Ion	Ratio	Lower	Upper
88	100		
58	59.9	46.6	69.8
43	23.1	17.5	26.3





#3

Pvridine

Concen: 45.397 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

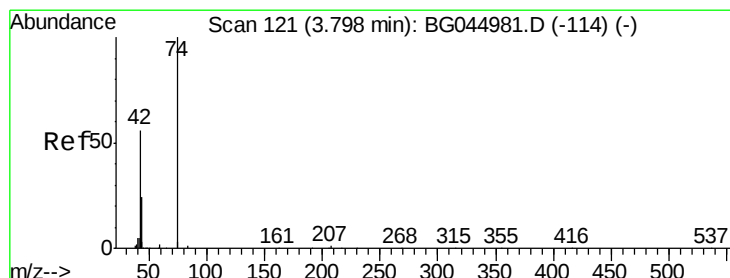
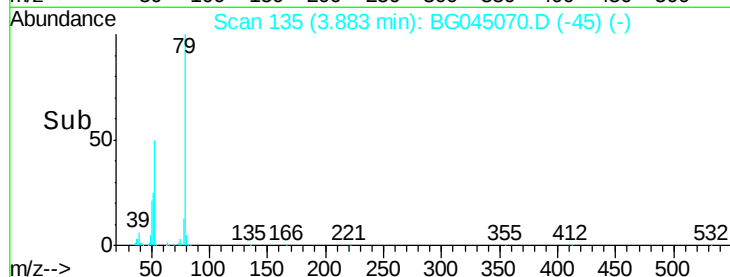
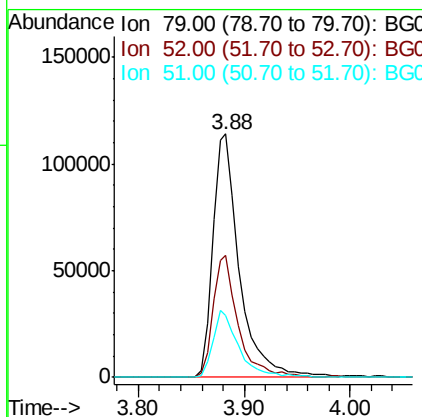
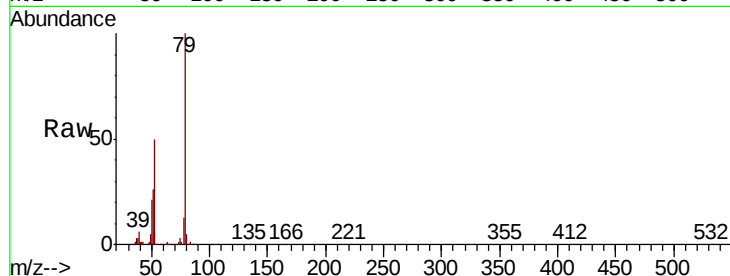
ClientSampleId :

PA-5MS

Tot Ion:	79	Resp:	200556
Ion Ratio	Lower	Upper	
79	100		
52	49.9	39.8	59.6
51	25.7	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 59.043 ng

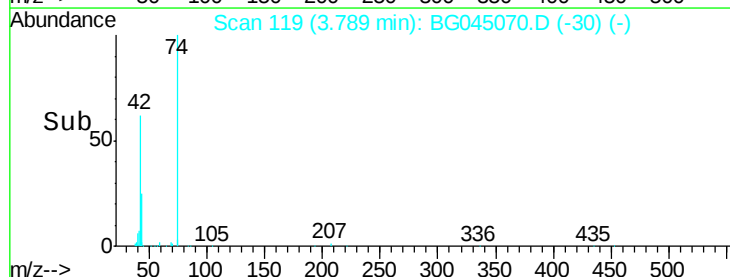
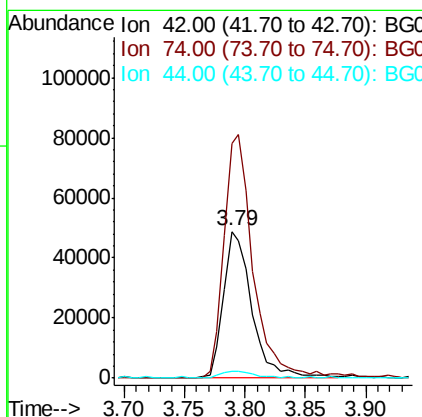
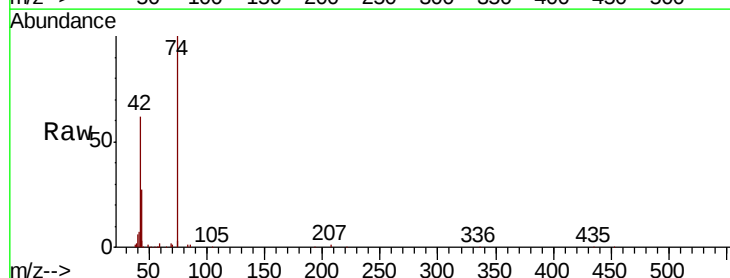
RT: 3.79 min Scan# 119

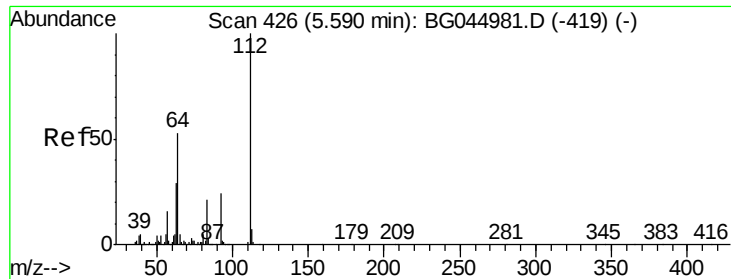
Delta R.T. -0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	42	Resp:	79906
Ion Ratio	Lower	Upper	
42	100		
74	160.6	143.0	214.6
44	4.7	4.6	6.8





#5

2-Fluorophenol

Concen: 88.742 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

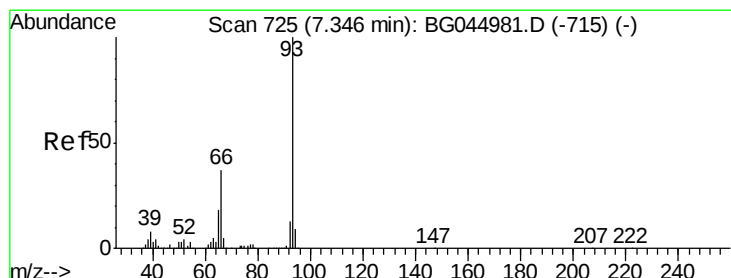
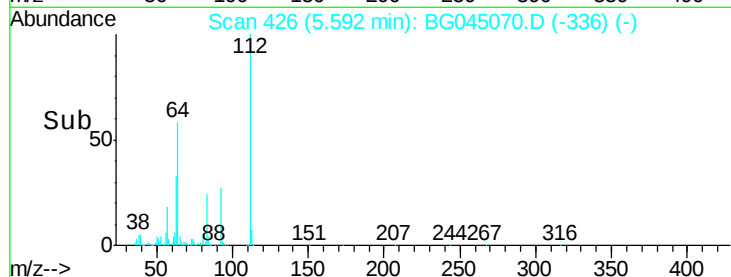
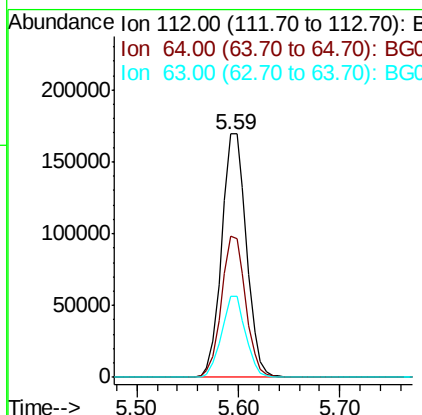
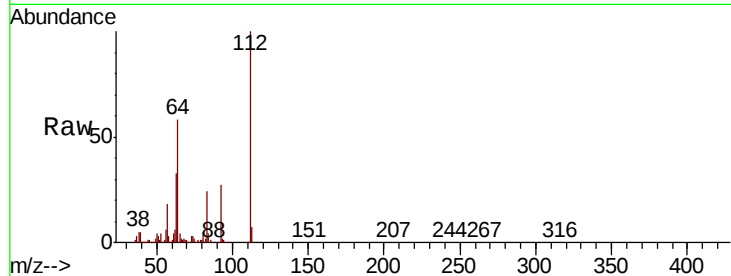
ClientSampleId :

PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	286511		
64	57.9	42.4	63.6	
63	33.5	23.1	34.7	

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#6

Aniline

Concen: 42.539 ng

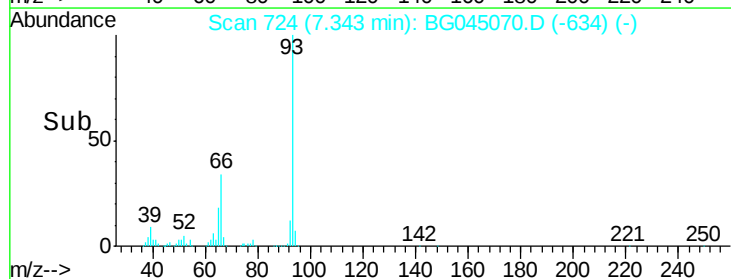
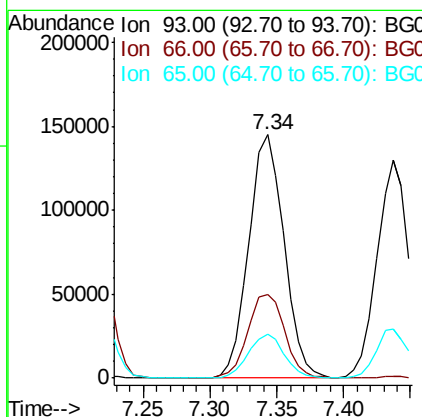
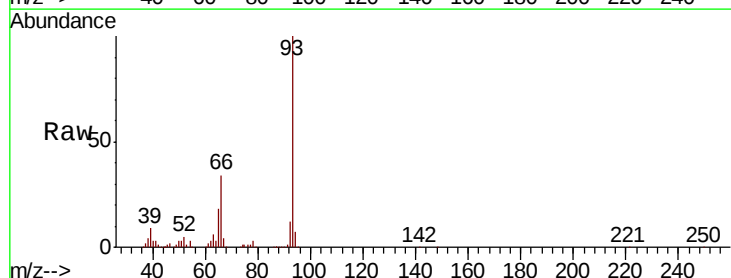
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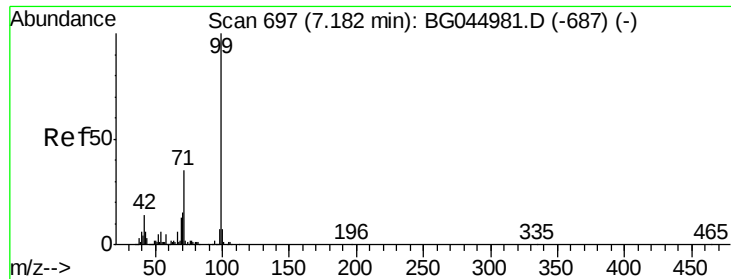
Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	265308		
66	34.3	29.8	44.8	
65	18.2	14.6	22.0	





#7

Phenol-d6

Concen: 92.441 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

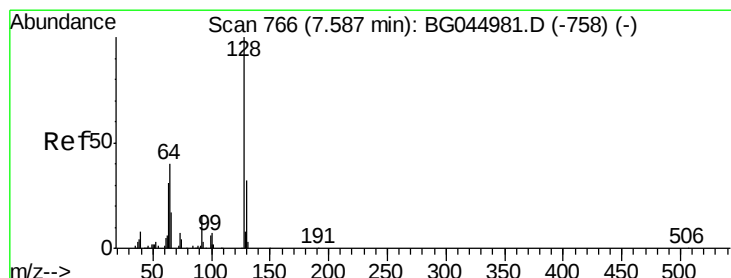
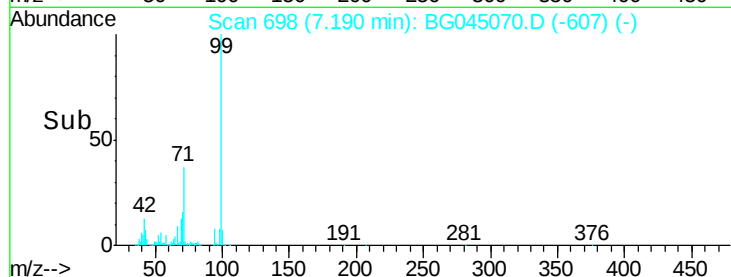
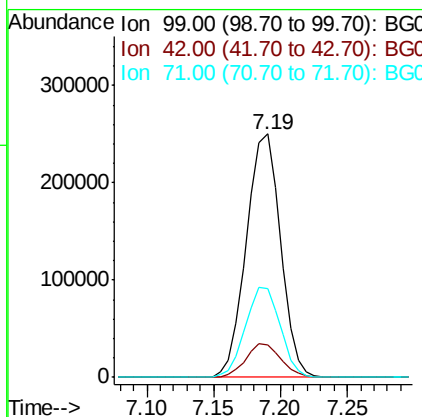
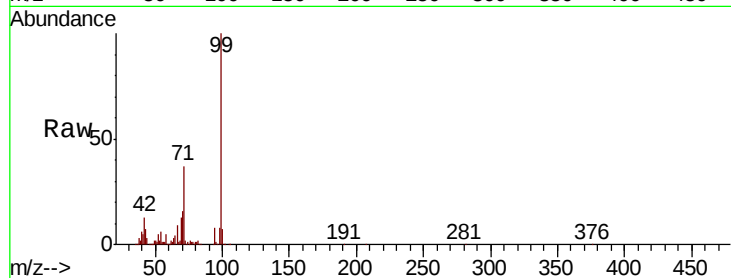
ClientSampleId :

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Tot Ion:	99	Resp:	443426
Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.3	16.9
71	36.7	28.3	42.5

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#8

2-Chlorophenol

Concen: 68.643 ng

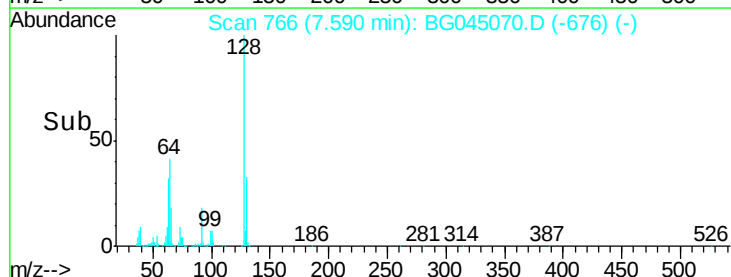
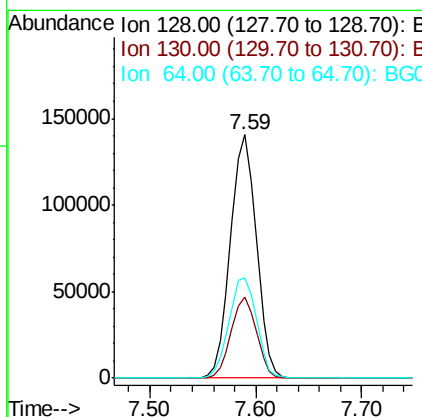
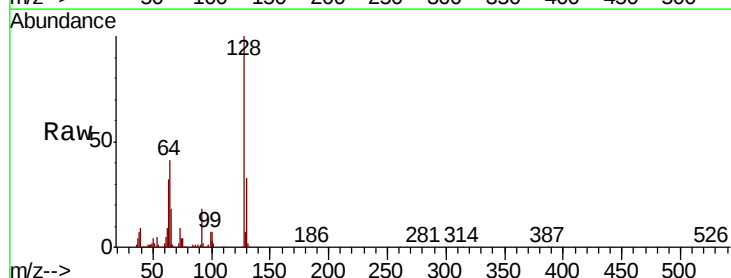
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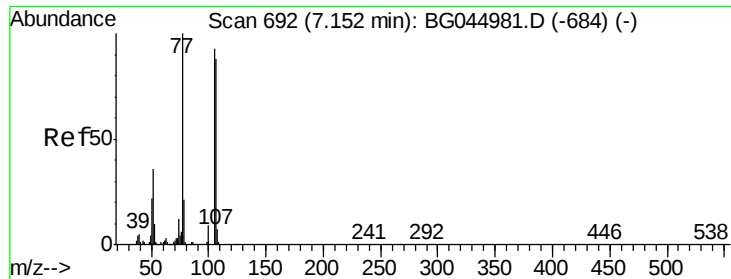
Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	128	Resp:	238179
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	41.2	24.4	64.4





#9

Benzaldehyde

Concen: 43.015 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

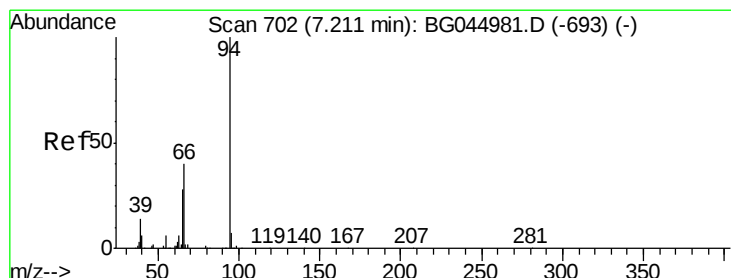
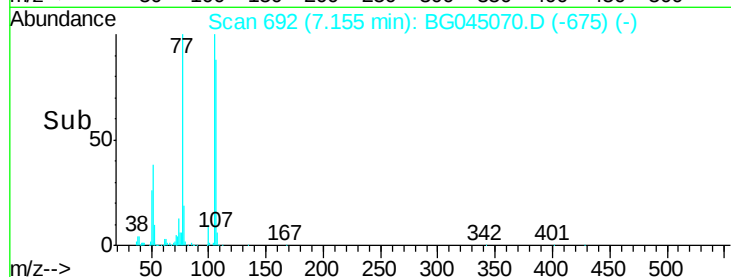
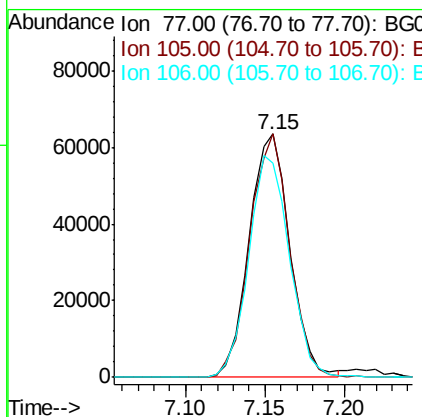
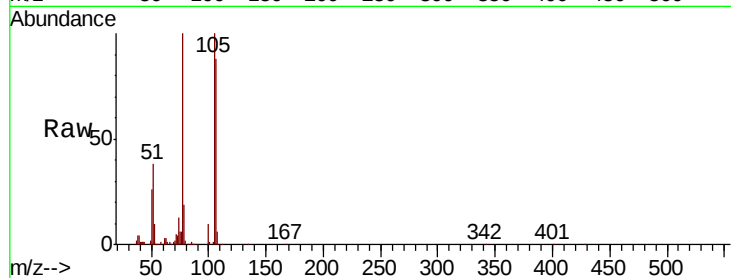
ClientSampleId :

PA-5MS

Tot Ion:	77	Resp:	113812
Ion Ratio	Lower	Upper	
77	100		
105	99.9	72.9	112.9
106	88.0	67.6	107.6

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#10

Phenol

Concen: 69.625 ng

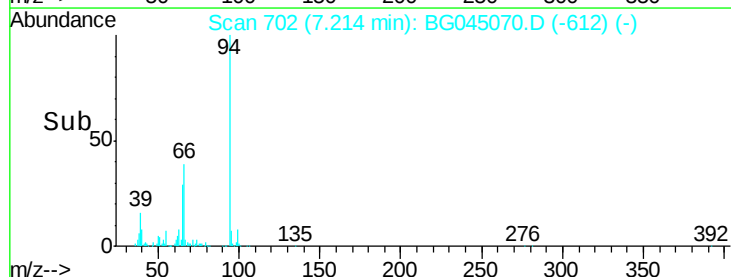
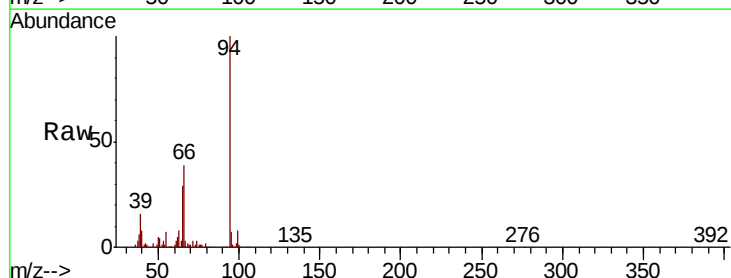
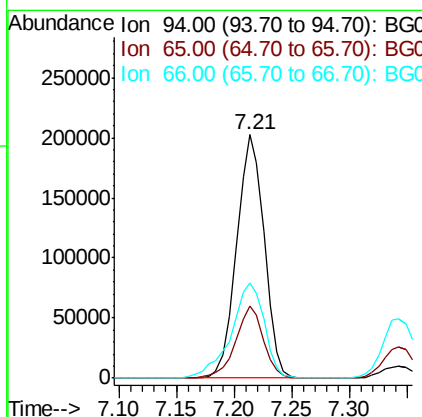
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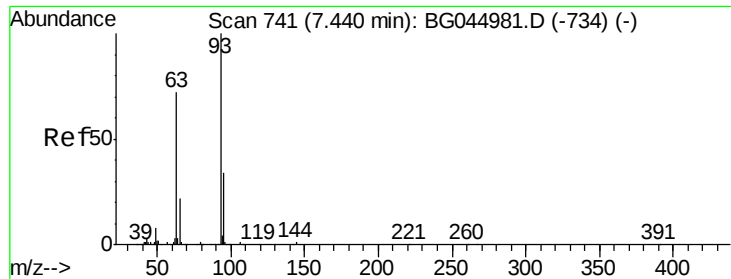
Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	94	Resp:	334207
Ion Ratio	Lower	Upper	
94	100		
65	29.5	8.2	48.2
66	39.2	20.4	60.4





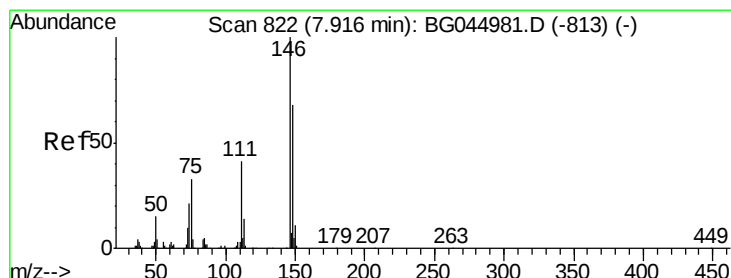
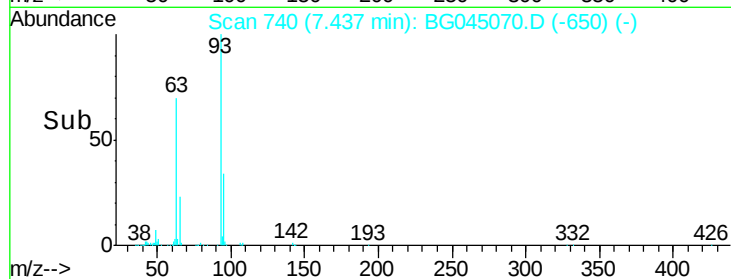
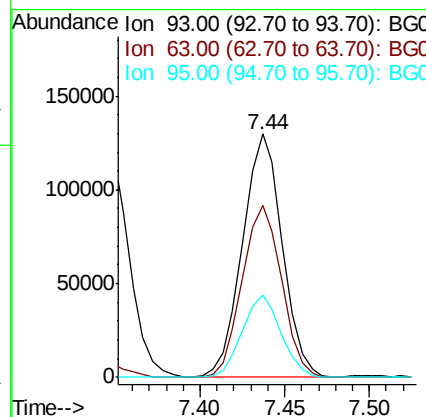
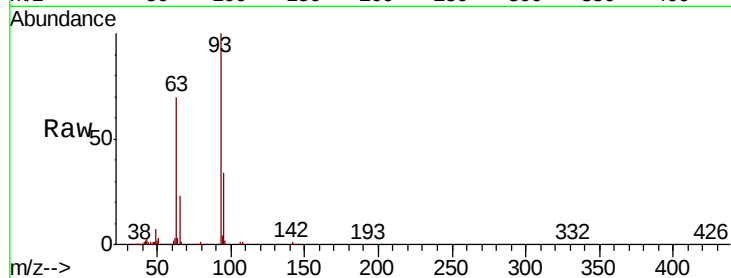
#11
bis(2-Chloroethyl)ether
Concen: 55.097 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	210568		
63	70.5	51.8	91.8	
95	33.8	13.8	53.8	

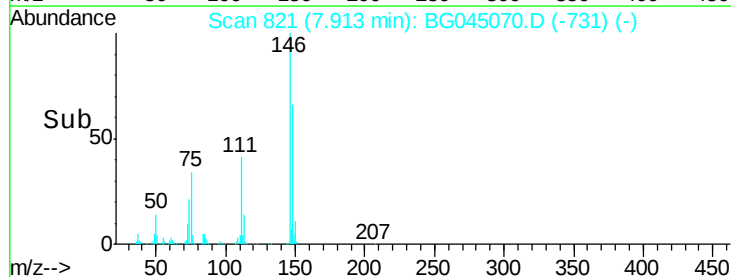
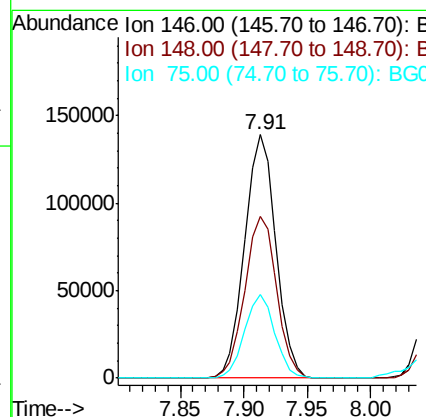
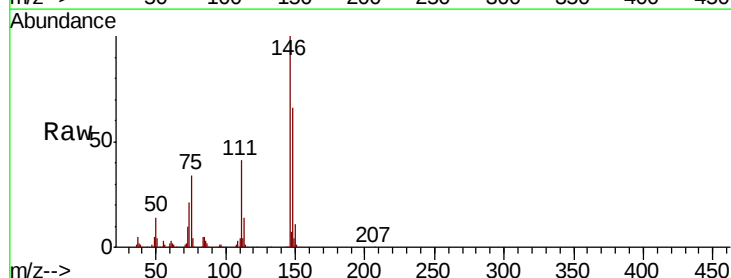
Manual Integrations
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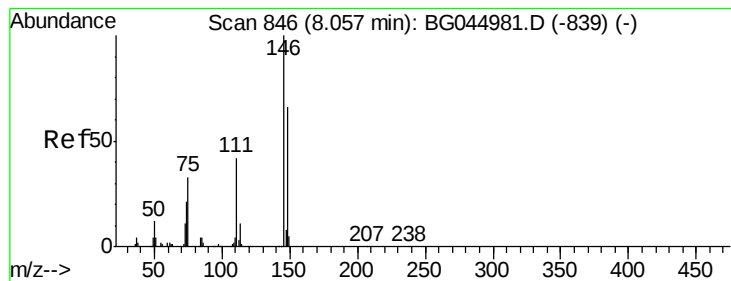
mohammad
4/20/2020 2:41:01 PM



#12
1,3-Dichlorobenzene
Concen: 58.064 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	237410		
148	66.5	54.6	81.8	
75	34.2	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 59.159 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

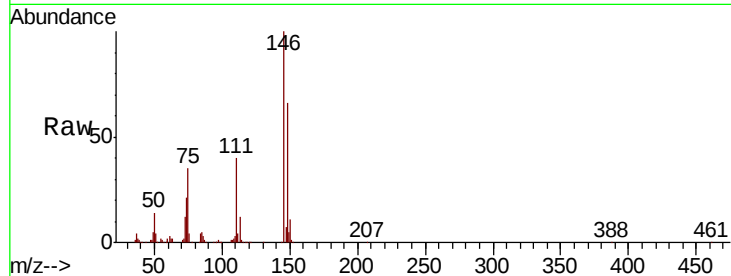
ClientSampleId :

PA-5MS

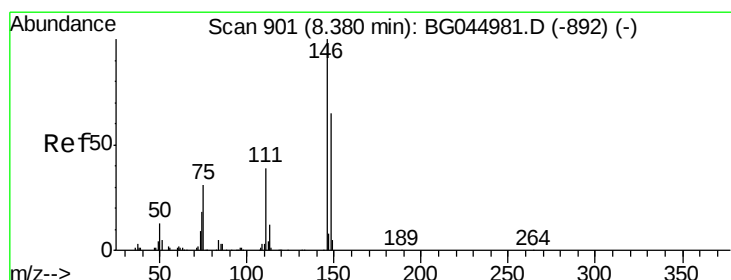
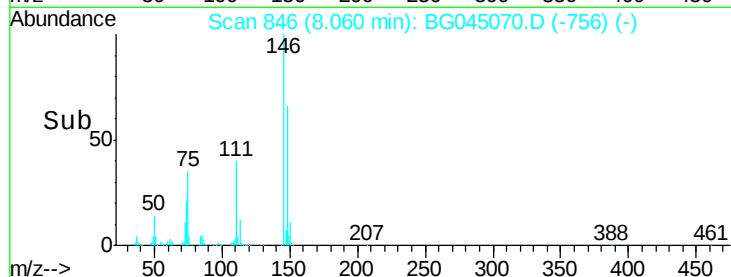
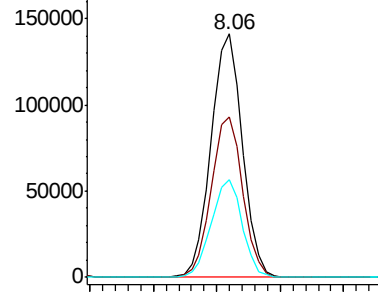
Tot Ion:	146	Resp:	241024
Ion Ratio	Lower	Upper	
146	100		
148	65.9	53.3	79.9
111	40.0	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 57.723 ng

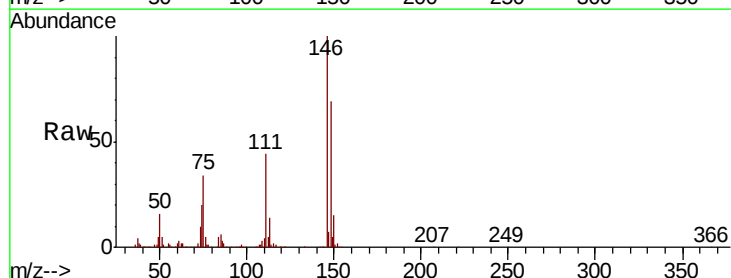
RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

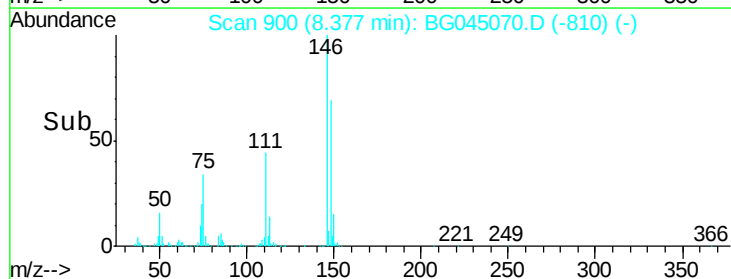
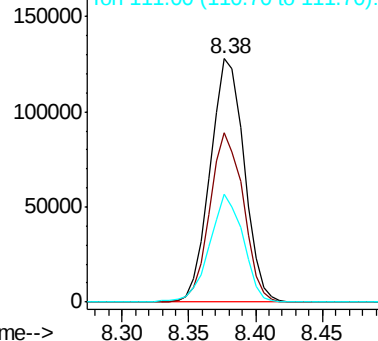
Lab File: BG045070.D

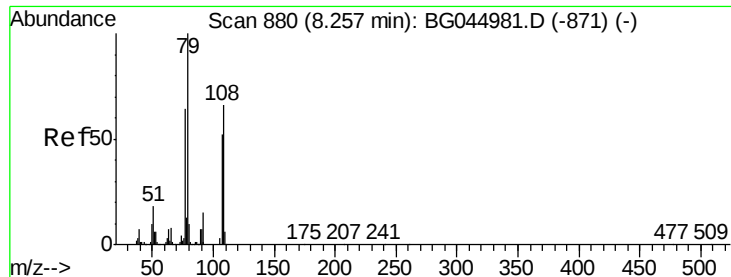
Acq: 18 Apr 2020 17:03

Tgt Ion:	146	Resp:	224990
Ion Ratio	Lower	Upper	
146	100		
148	69.4	51.9	77.9
111	44.2	31.3	46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 61.161 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

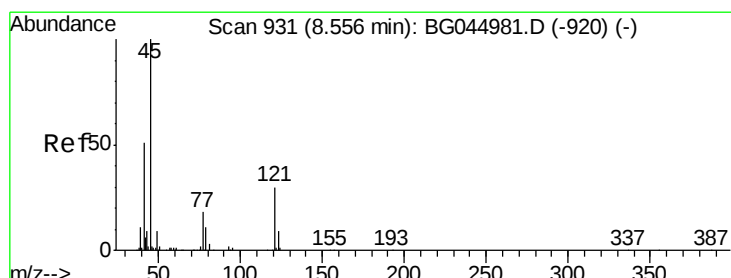
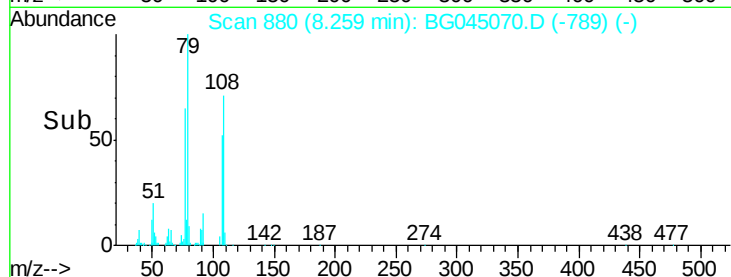
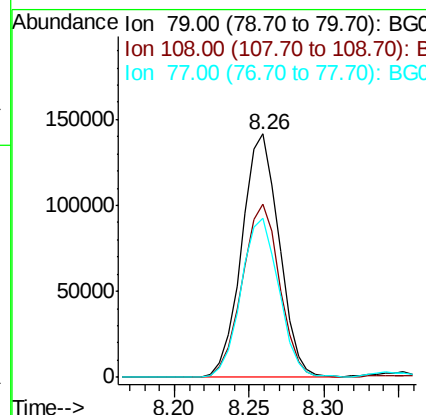
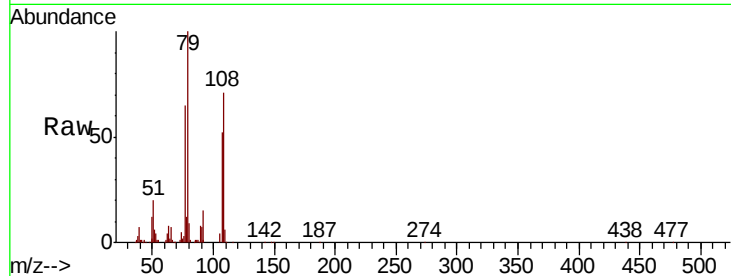
ClientSampleId :

PA-5MS

Tot Ion:	79	Resp:	245975
Ion Ratio	Lower	Upper	
79	100		
108	70.9	52.7	79.1
77	65.4	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 52.363 ng

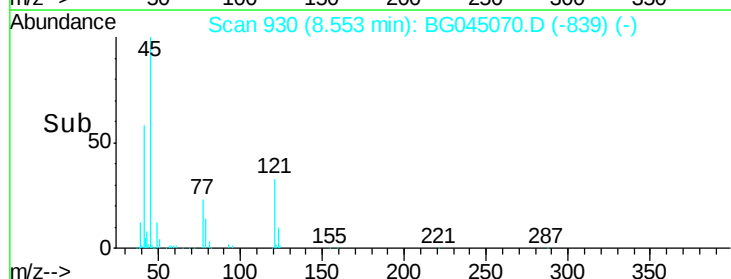
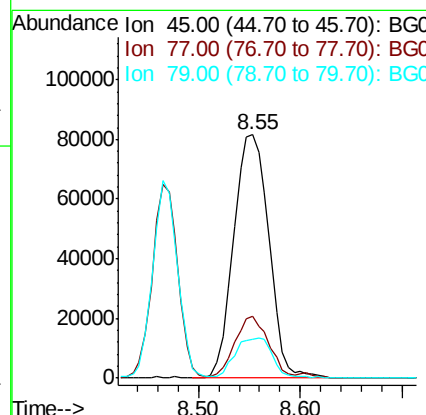
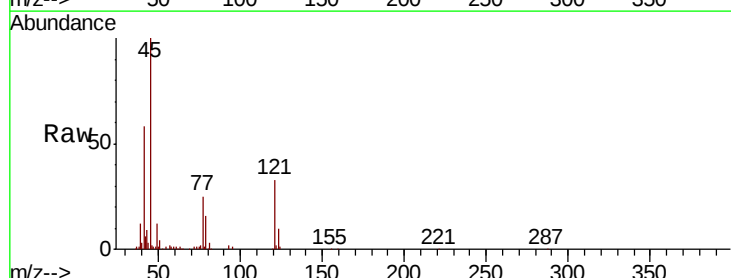
RT: 8.55 min Scan# 930

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	45	Resp:	196441
Ion Ratio	Lower	Upper	
45	100		
77	25.2	1.9	41.9
79	15.7	0.0	35.5





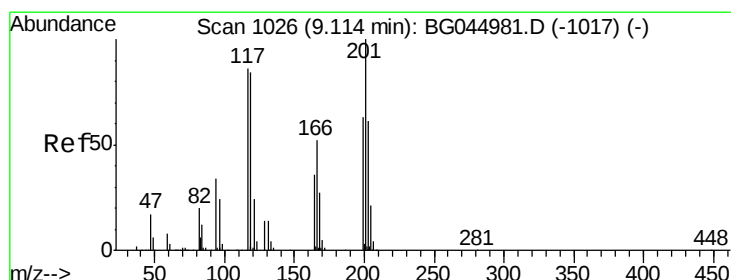
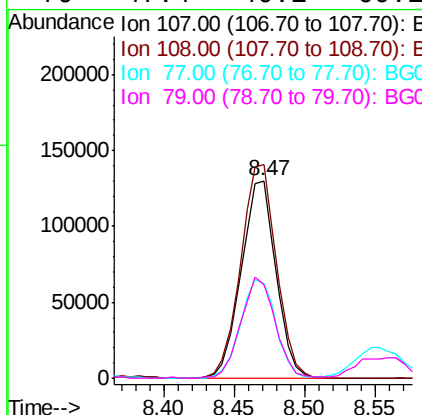
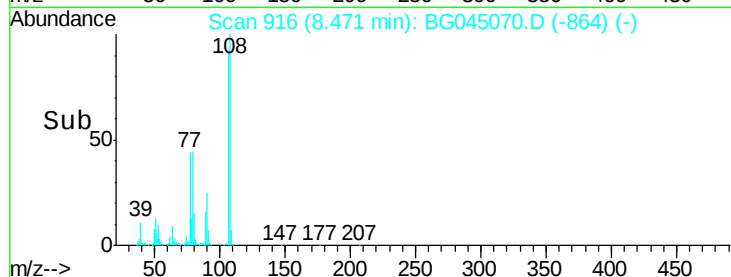
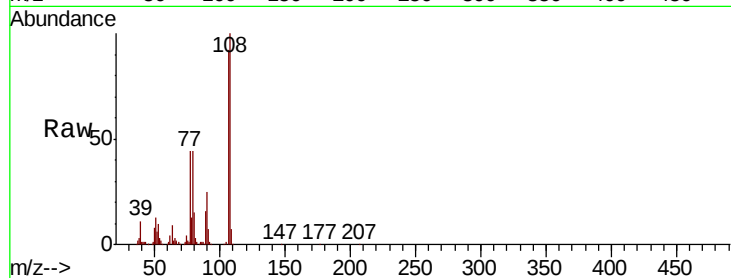
#17
2-Methylphenol
Concen: 60.570 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	93.8	140.6	
77	48.0	38.5	57.7	
79	47.4	40.1	60.1	

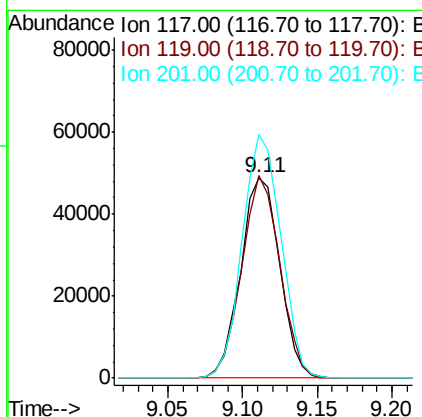
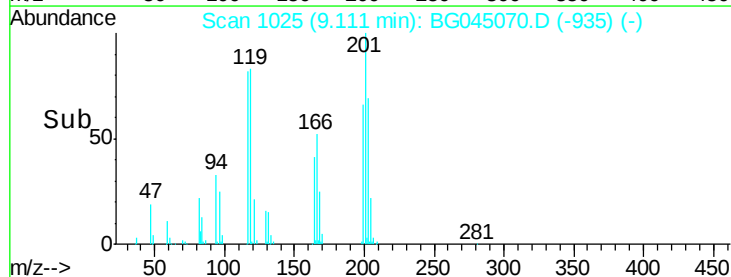
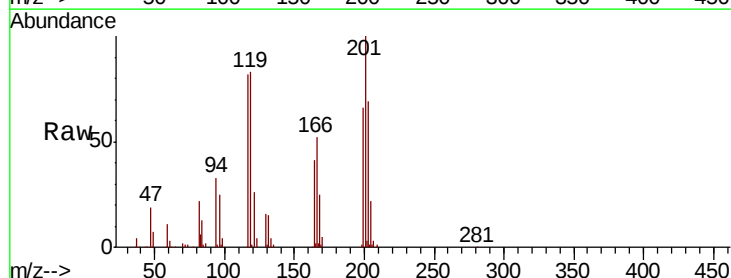
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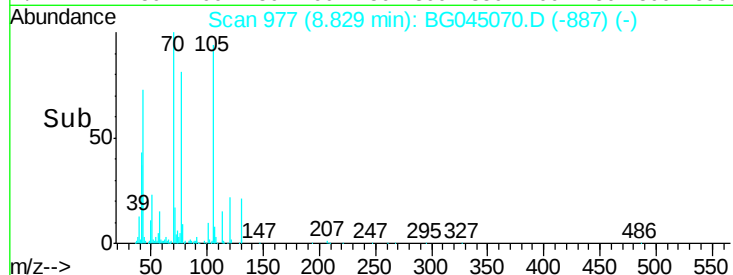
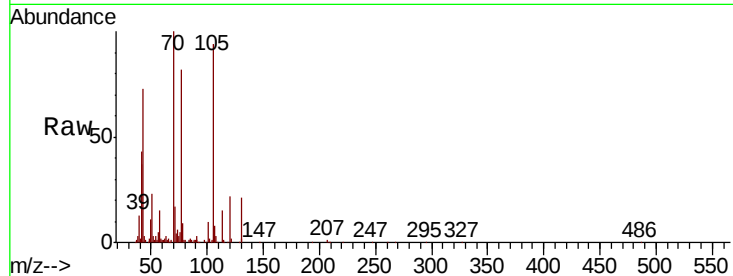
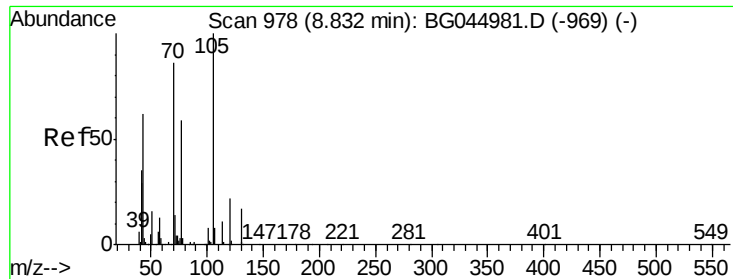
mohammad
4/20/2020 2:41:01 PM



#18
Hexachloroethane
Concen: 57.817 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.2	78.3	117.5	
201	121.5	92.9	139.3	





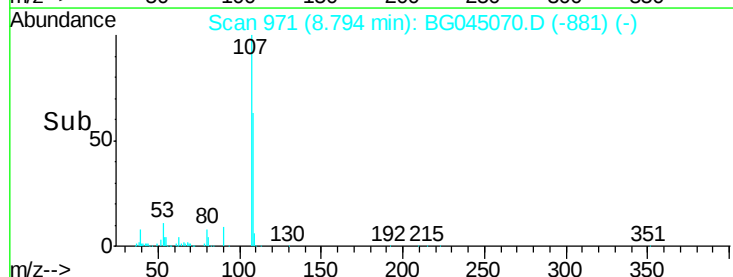
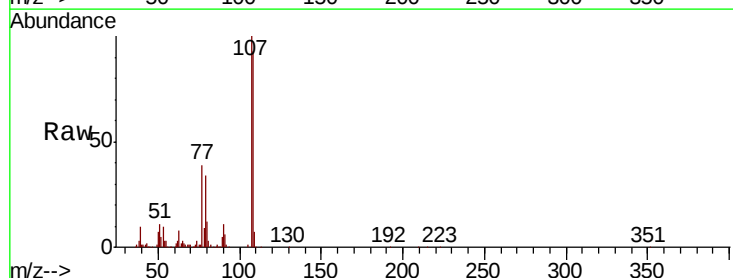
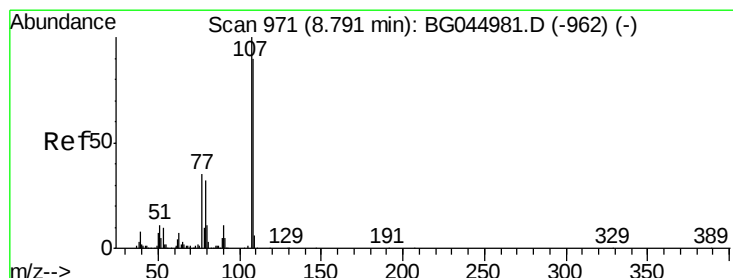
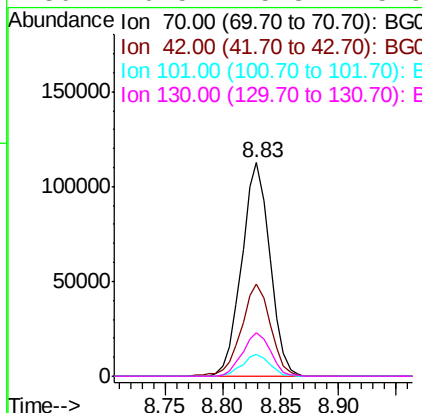
#19
n-Nitroso-di-n-propylamine
Concen: 56.461 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.9	33.3	49.9		
101	10.0	7.8	11.8		
130	20.5	15.8	23.6		

Instrument :
BNA_G
ClientSampleId :
PA-5MS

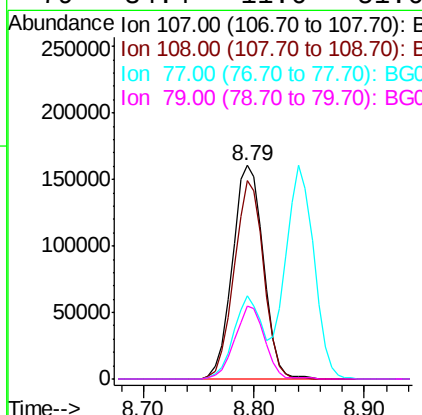
Manual Integrations
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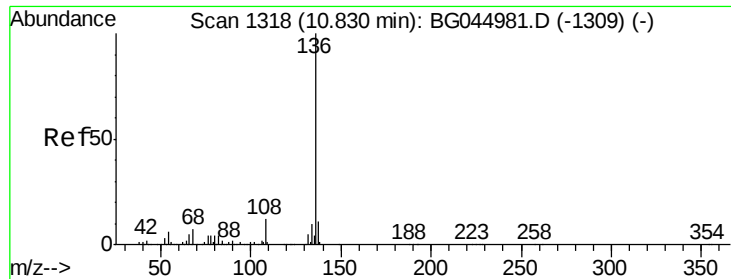
mohammad
4/20/2020 2:41:01 PM



#20
3+4-Methylphenols
Concen: 60.950 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	69.9	109.9		
77	39.1	15.2	55.2		
79	34.4	11.6	51.6		





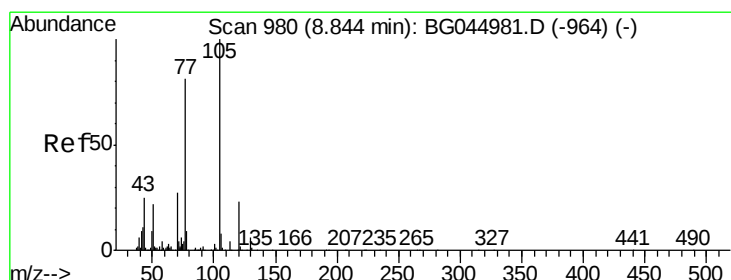
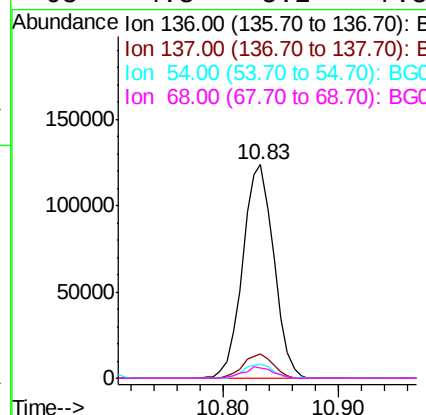
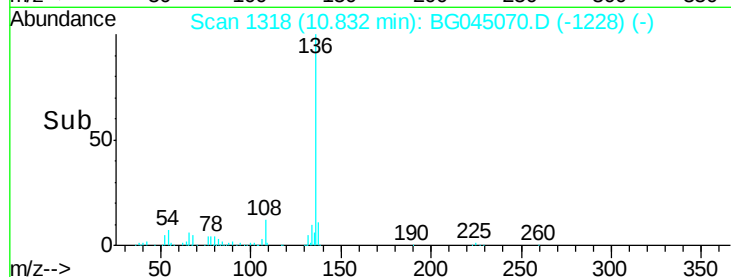
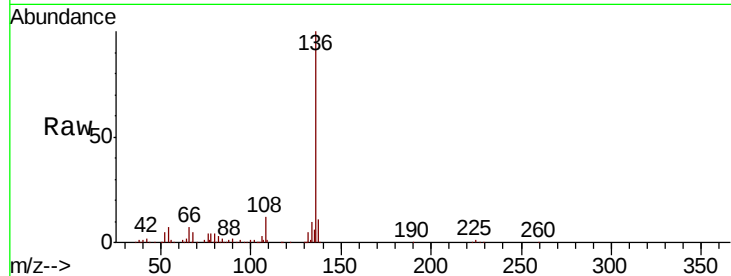
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	230813		
137	11.3	8.6	13.0	
54	6.7	4.8	7.2	
68	4.8	5.2	7.8	

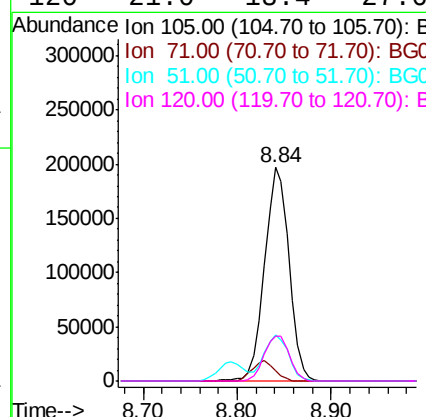
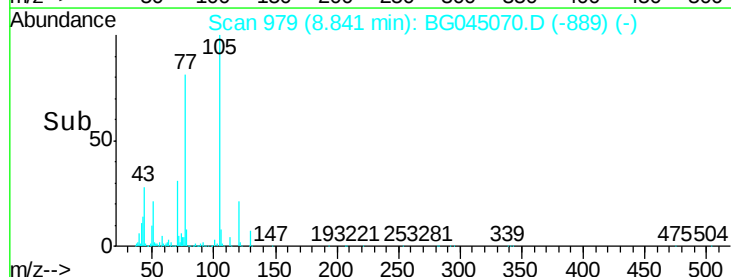
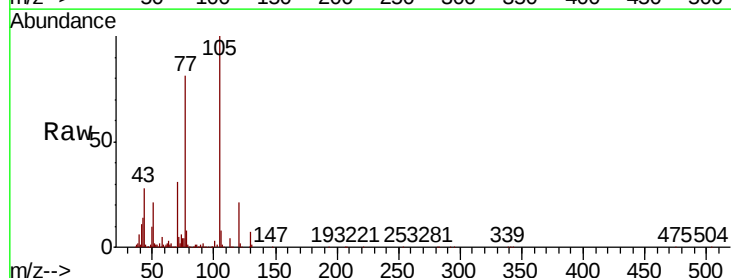
Manual Integrations
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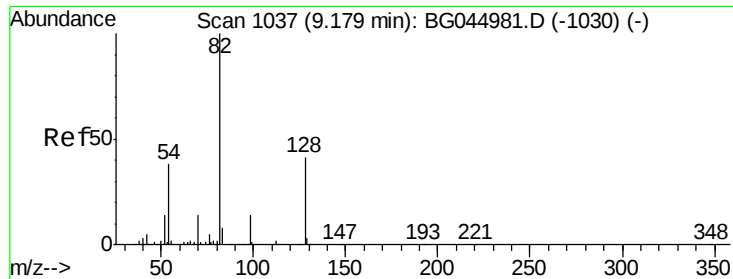
mohammad
4/20/2020 2:41:01 PM



#22
Acetophenone
Concen: 56.698 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	353898		
71	5.1	3.3	4.9	
51	21.5	17.3	25.9	
120	21.0	18.4	27.6	





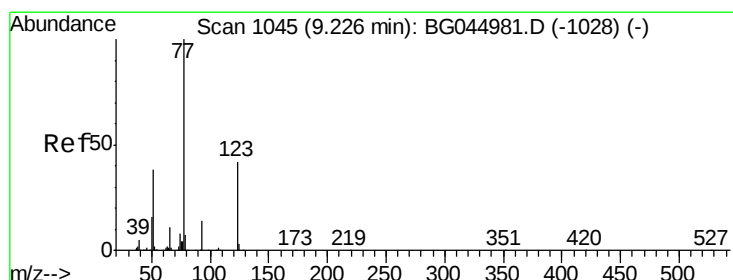
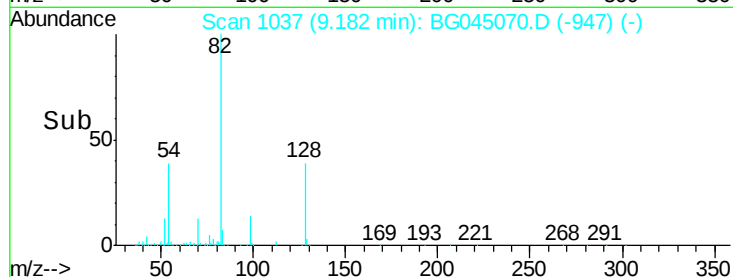
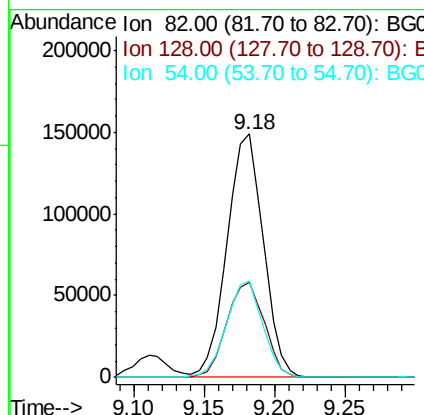
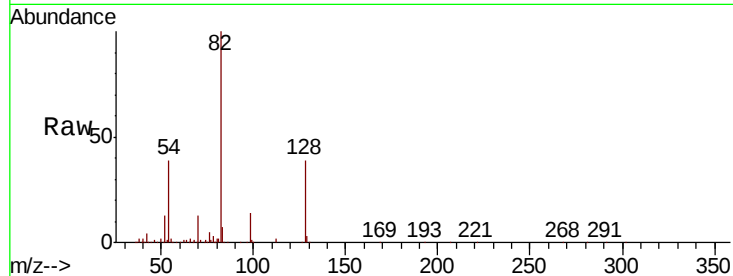
#23
 Nitrobenzene-d5
 Concen: 52.773 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleID :
 PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	266951		
128	39.1		33.0	49.4
54	39.4		30.4	45.6

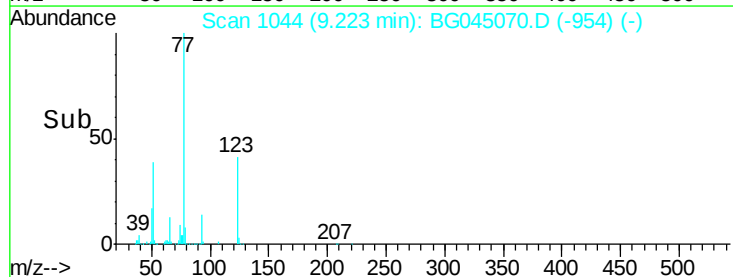
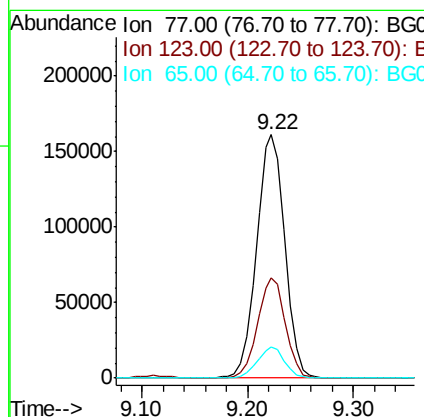
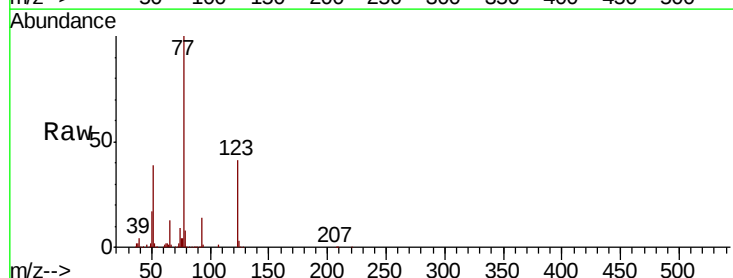
Manual Integrations
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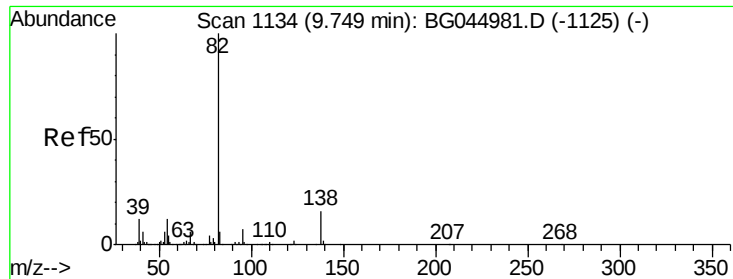
mohammad
 4/20/2020 2:41:01 PM



#24
 Nitrobenzene
 Concen: 57.715 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	299259		
123	41.2		34.3	51.5
65	13.0		8.9	13.3





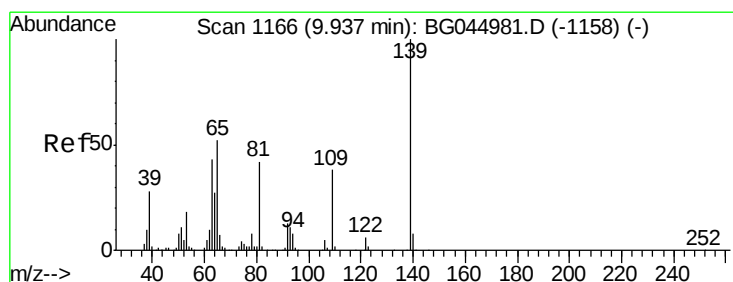
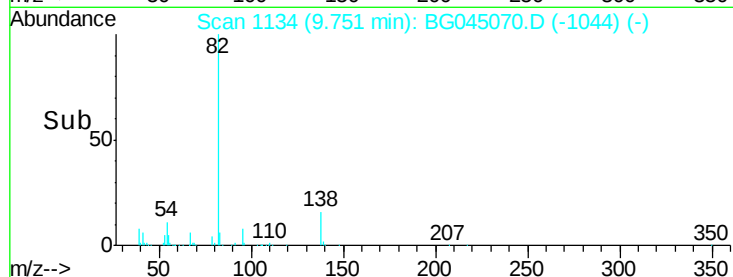
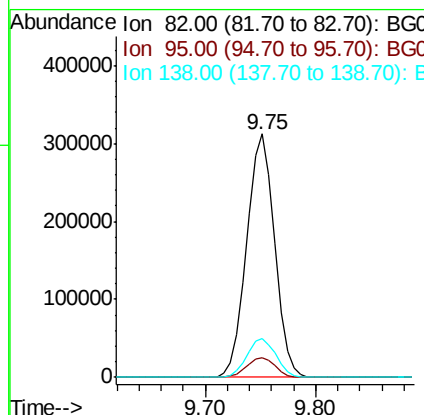
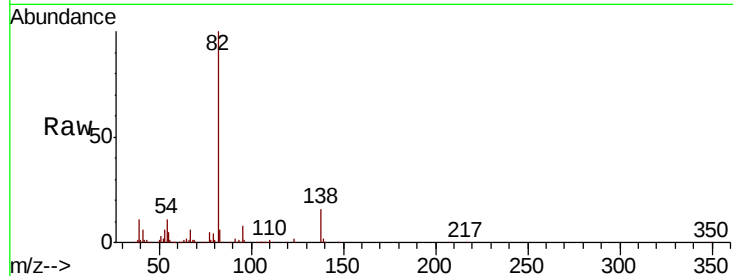
#25
Isophorone
Concen: 53.573 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	82	Resp	554962
Ion Ratio	100	Lower	Upper
82	100		
95	8.2	6.0	9.0
138	16.1	12.7	19.1

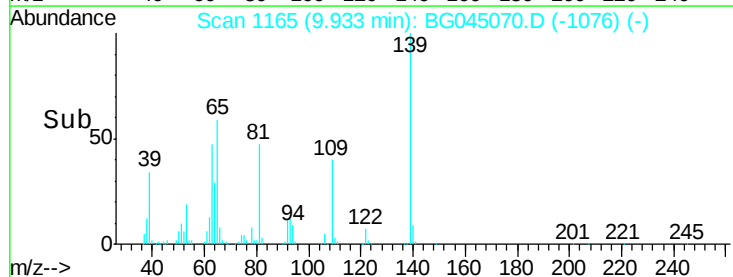
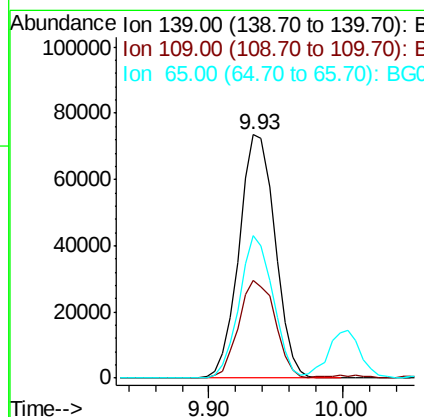
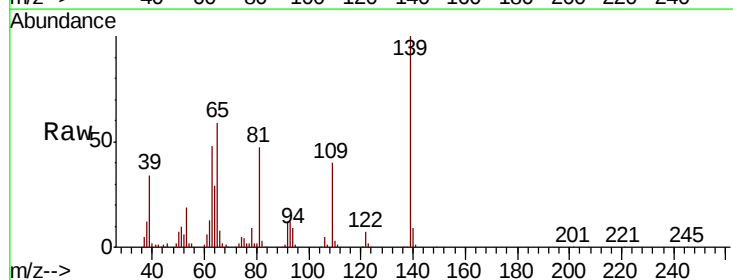
Manual Integrations
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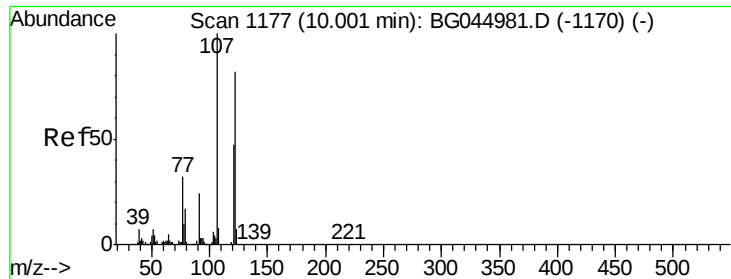
mohammad
4/20/2020 2:41:01 PM



#26
2-Nitrophenol
Concen: 61.377 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	139	Resp	137085
Ion Ratio	100	Lower	Upper
139	100		
109	39.9	30.6	45.8
65	58.6	41.8	62.6





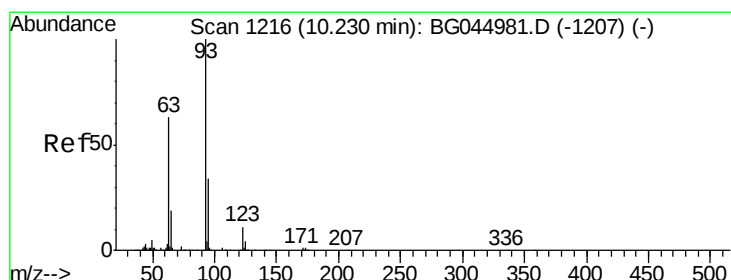
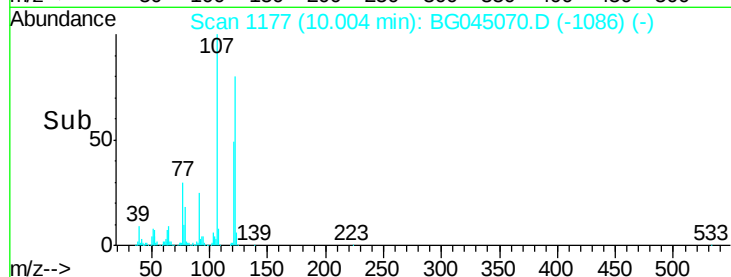
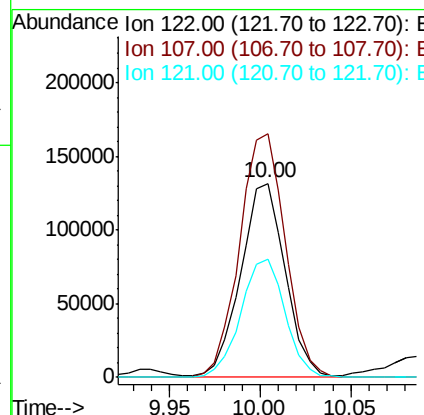
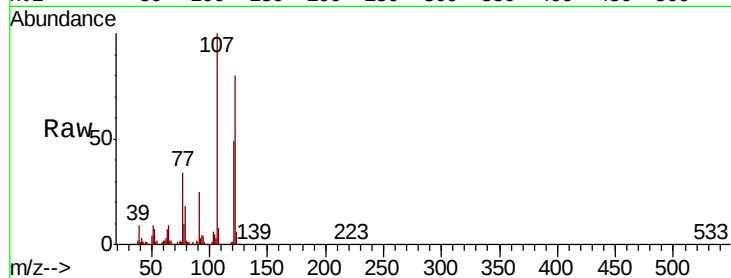
#27
2,4-Dimethylphenol
Concen: 63.417 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampled :
PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	224745		
107	125.7	96.8	145.2	
121	61.0	45.6	68.4	

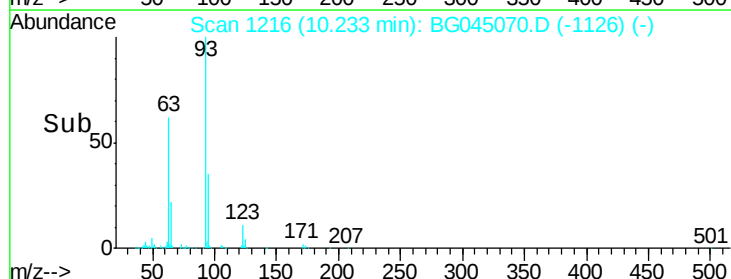
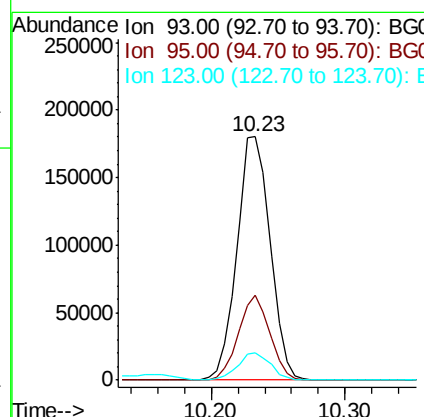
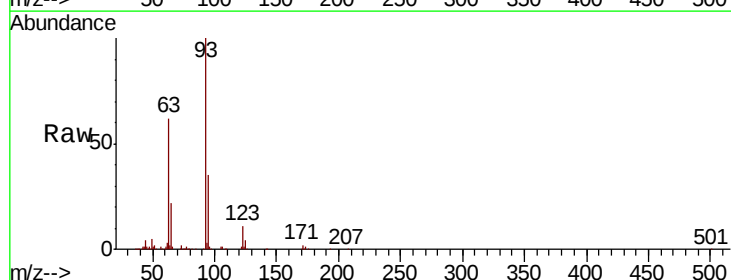
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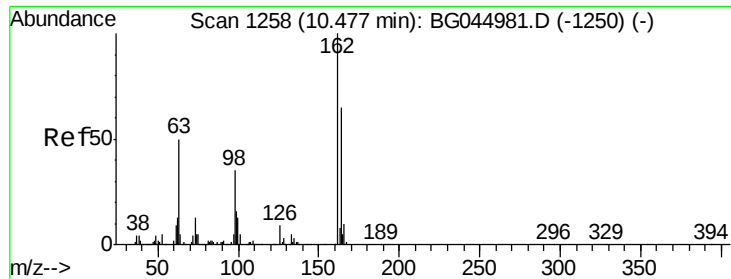
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#28
bis(2-Chloroethoxy)methane
Concen: 57.194 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	311295		
95	34.7	27.0	40.4	
123	11.2	8.7	13.1	





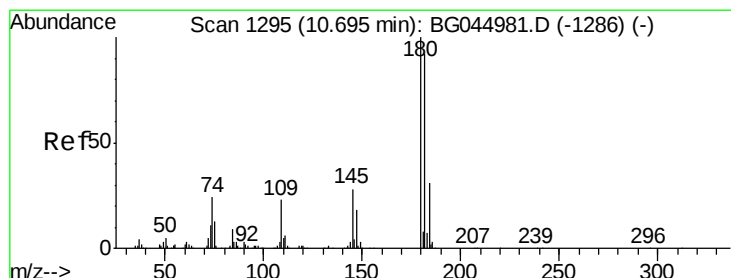
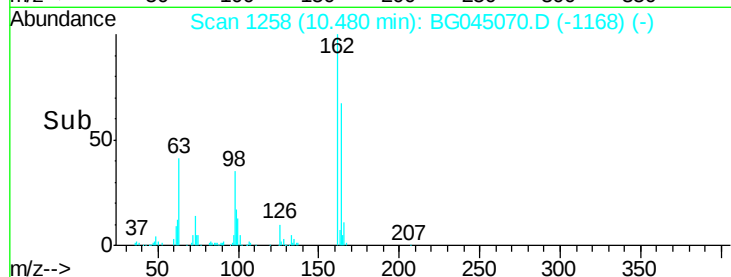
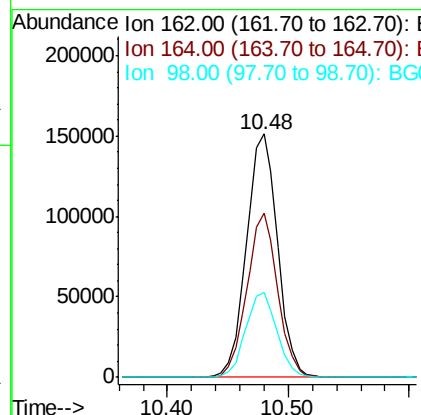
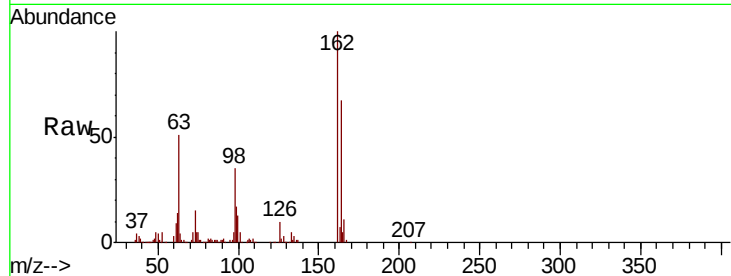
#29
2,4-Dichlorophenol
Concen: 66.179 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampled :
PA-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		270812		
164	67.3	45.0	85.0		
98	35.0	15.2	55.2		

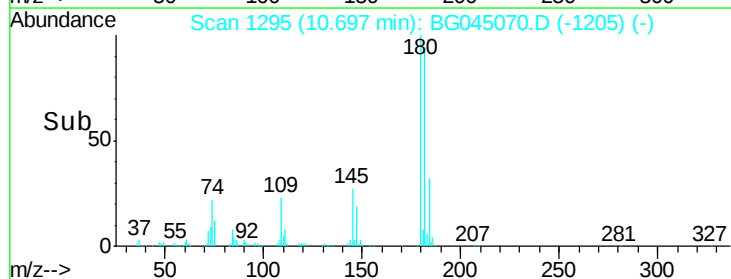
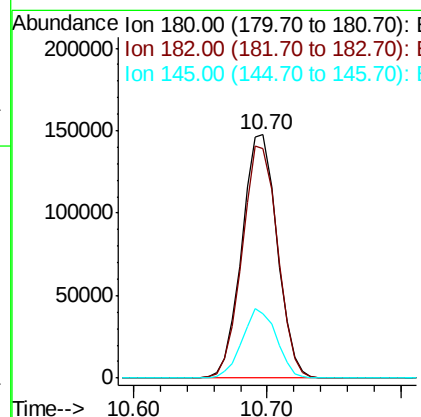
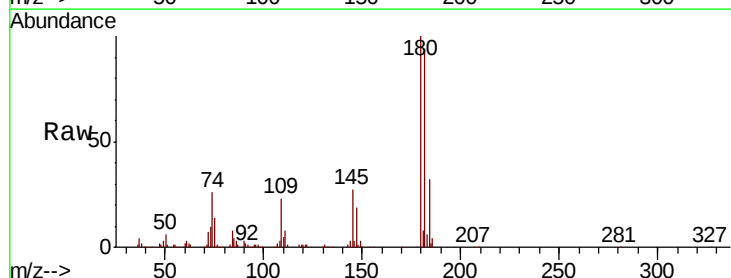
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#30
1,2,4-Trichlorobenzene
Concen: 58.048 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		268942		
182	94.4	73.3	109.9		
145	26.6	22.6	33.8		





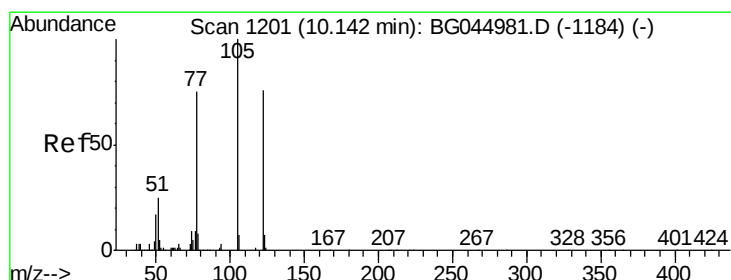
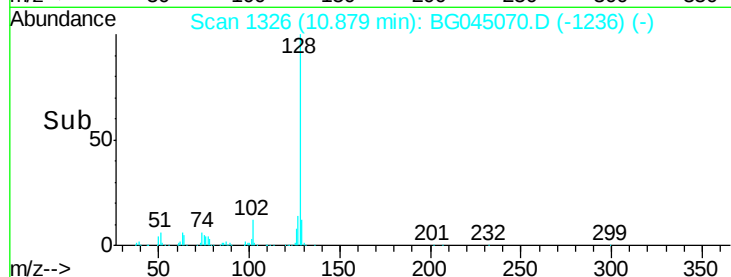
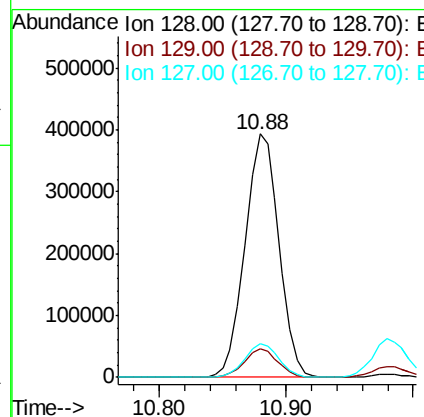
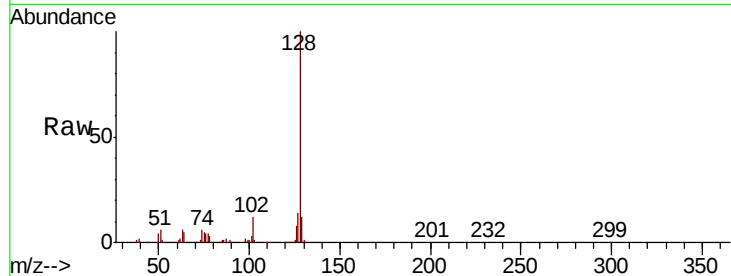
#31
Naphthalene
Concen: 57.625 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampled :
PA-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.8	10.8	16.2

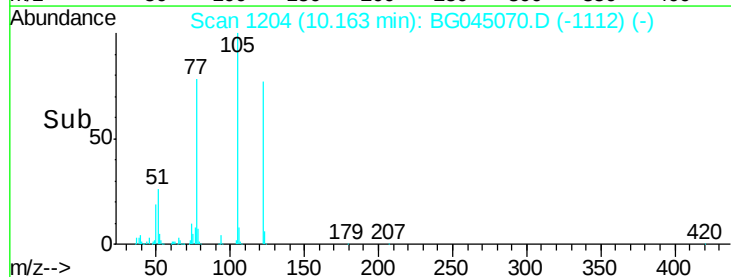
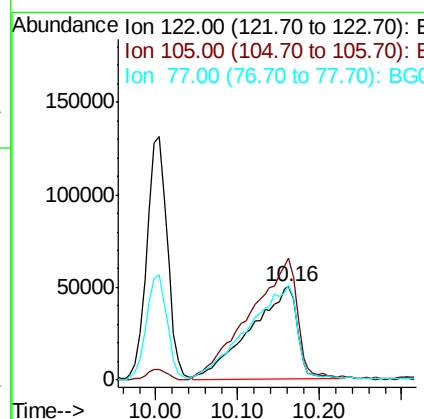
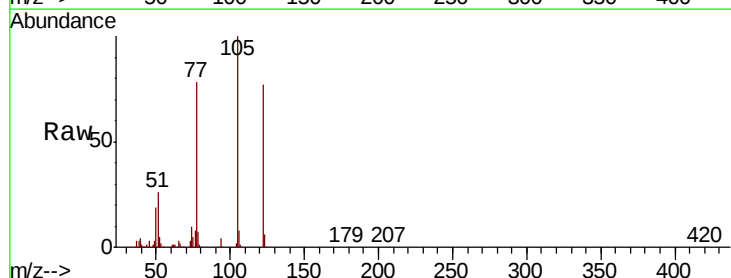
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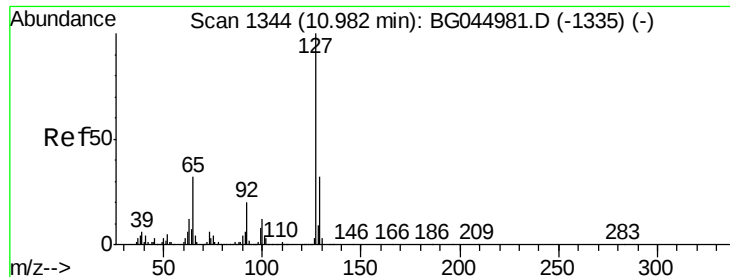
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#32
Benzoic acid
Concen: 66.298 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.0	108.4	148.4
77	101.1	78.8	118.8





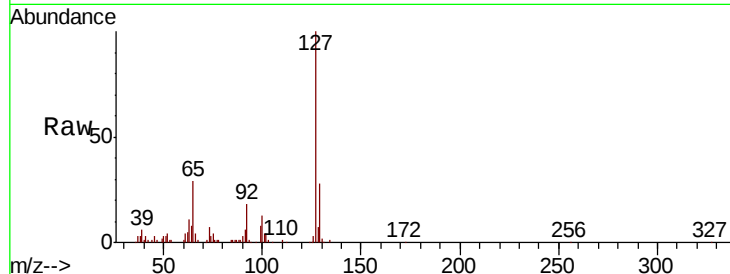
#33
4-Chloroaniline
Concen: 20.214 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

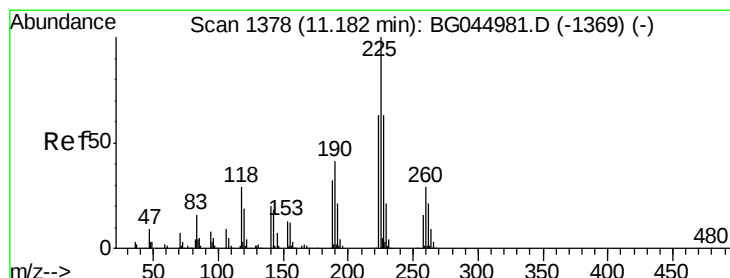
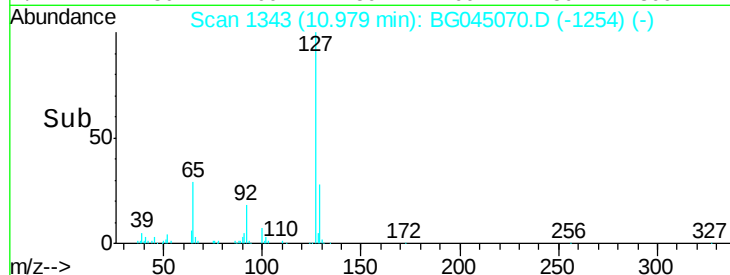
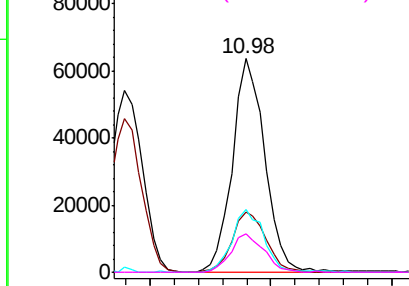
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.4	25.7	38.5		
65	29.4	25.4	38.2		
92	18.0	16.1	24.1		

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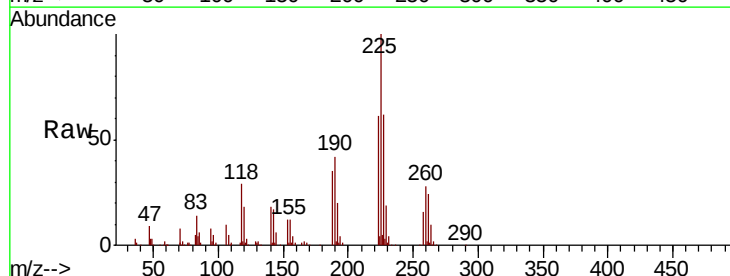


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

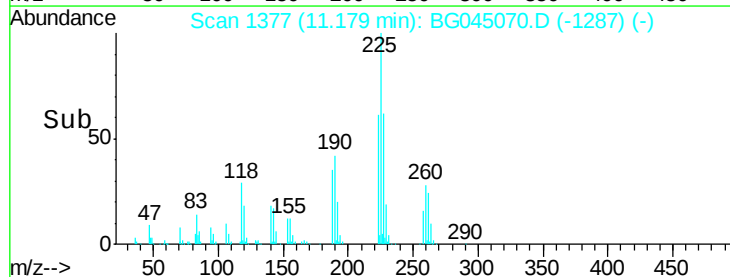
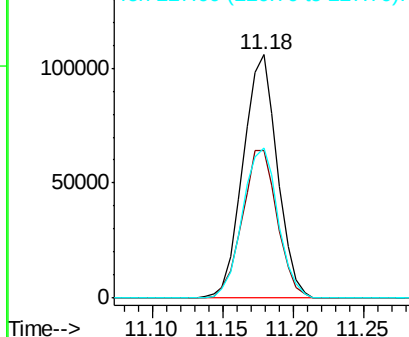


#34
Hexachlorobutadiene
Concen: 56.439 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	50.7	76.1		
227	61.9	50.2	75.2		



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





#35

Caprolactam

Concen: 64.724 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

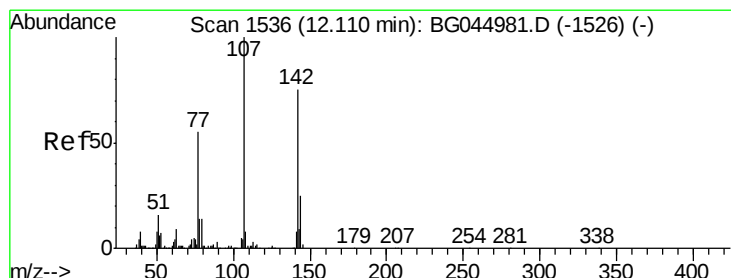
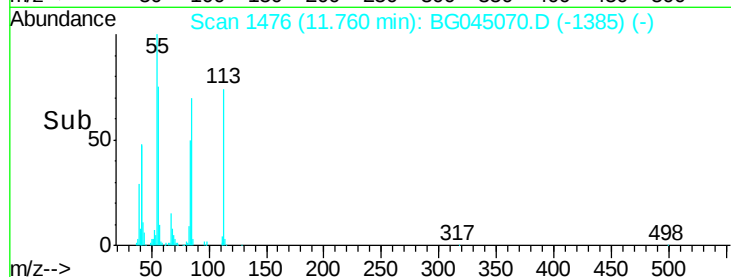
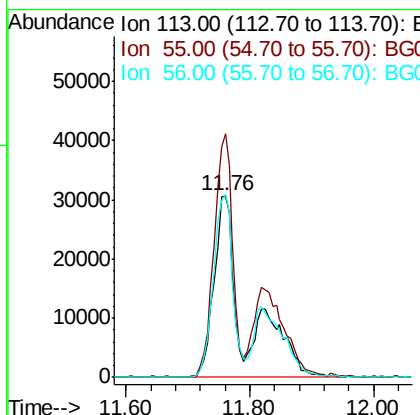
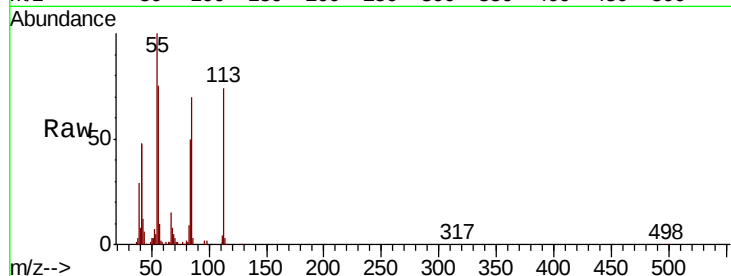
ClientSampleId :

PA-5MS

Tot Ion:	113	Resp:	105411
Ion Ratio	Lower	Upper	
113	100		
55	134.6	118.8	158.8
56	101.6	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 67.763 ng/ml

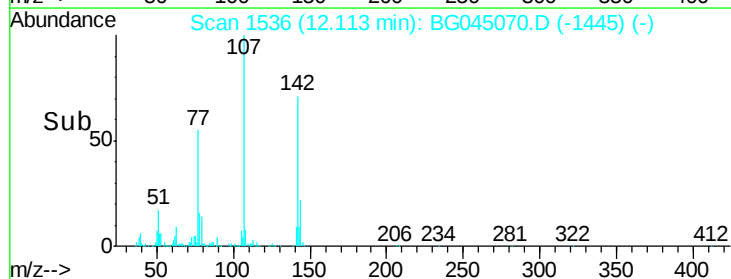
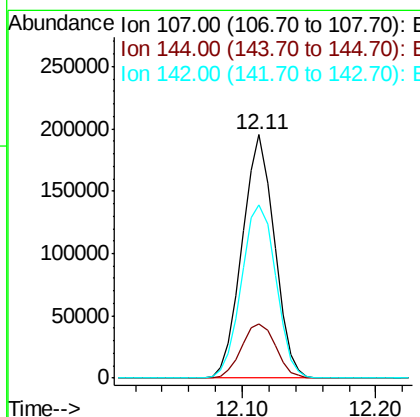
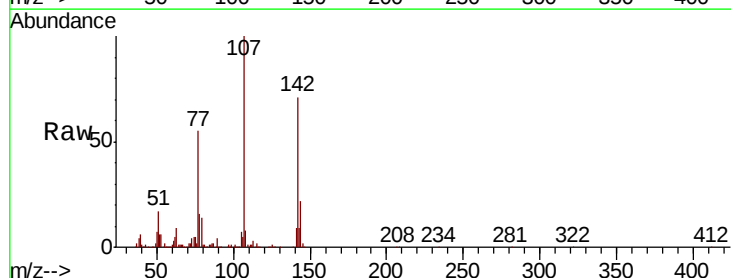
RT: 12.11 min Scan# 1536

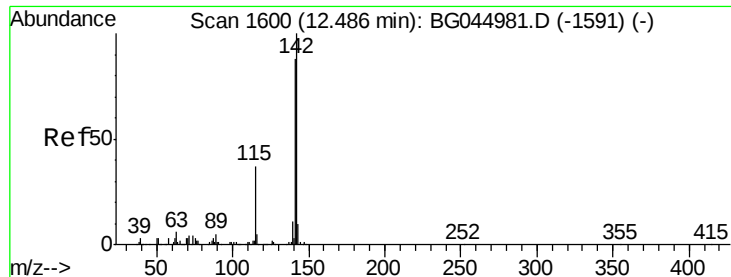
Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	107	Resp:	325746
Ion Ratio	Lower	Upper	
107	100		
144	22.5	19.8	29.6
142	71.3	59.7	89.5





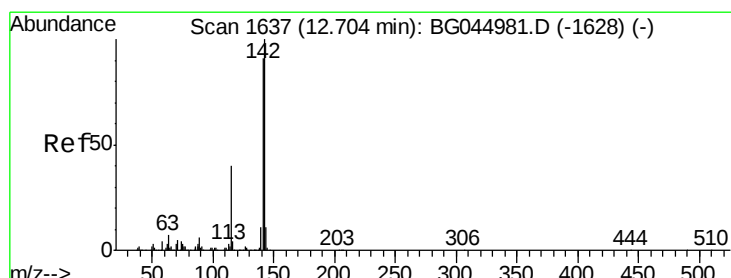
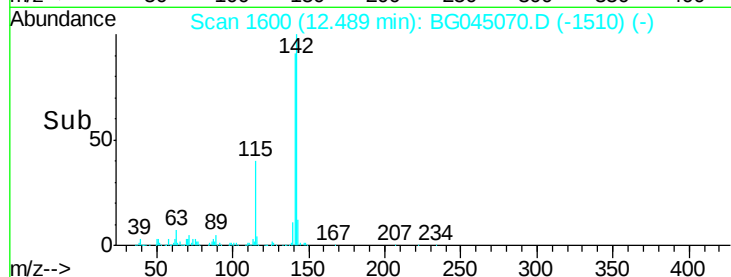
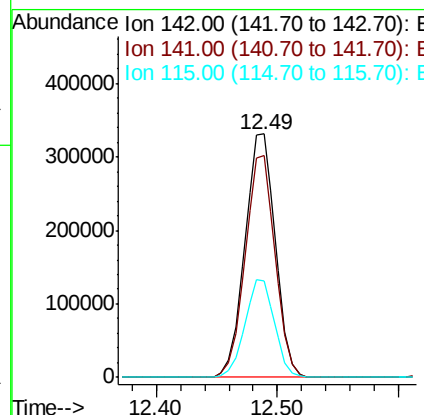
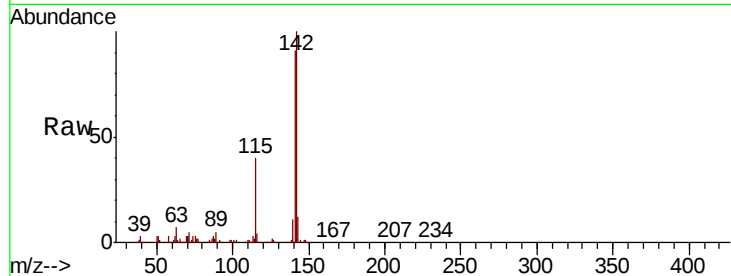
#37
 2-Methylnaphthalene
 Concen: 59.282 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	580994		
141	91.0		70.3	105.5
115	39.8		29.8	44.6

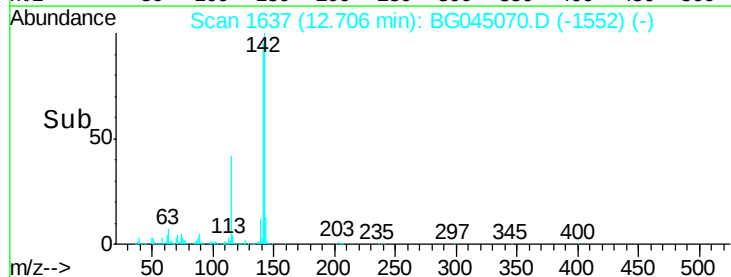
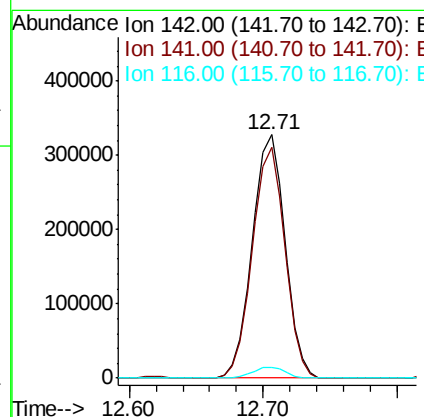
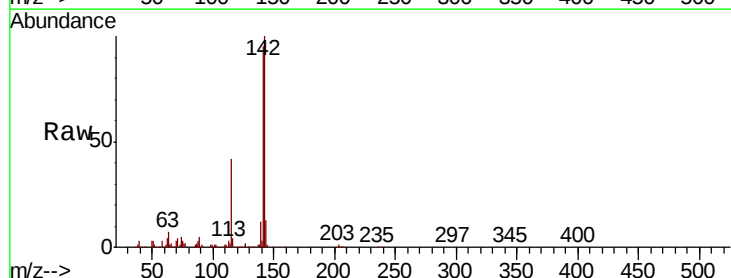
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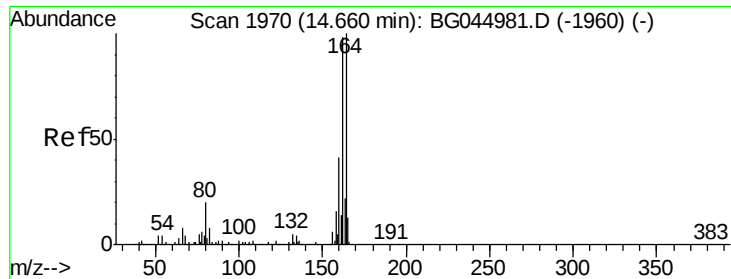
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#38
 1-Methylnaphthalene
 Concen: 59.909 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	554290		
141	94.8		72.7	109.1
116	4.4		3.1	4.7





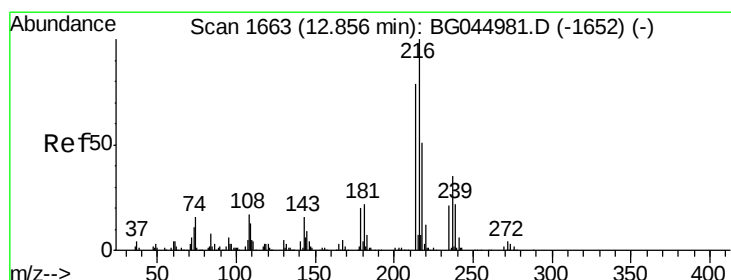
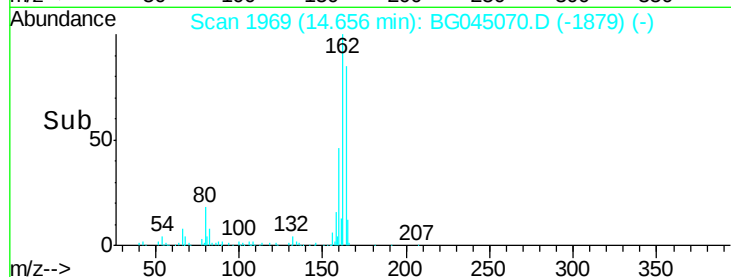
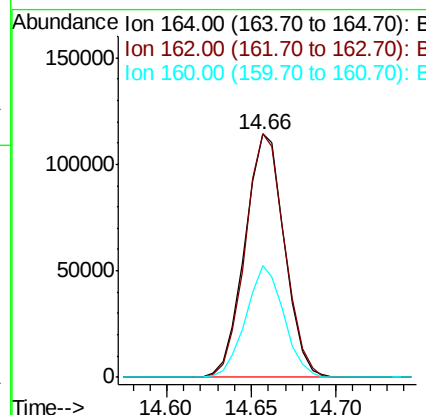
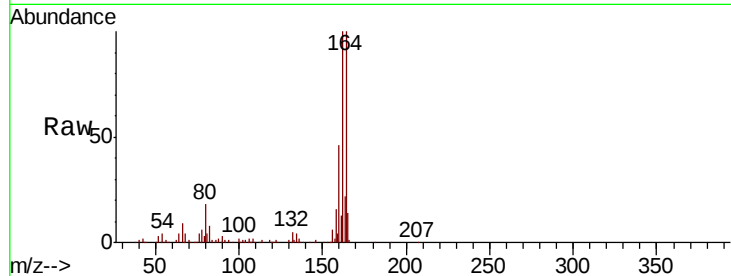
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	46.2	32.8	49.2

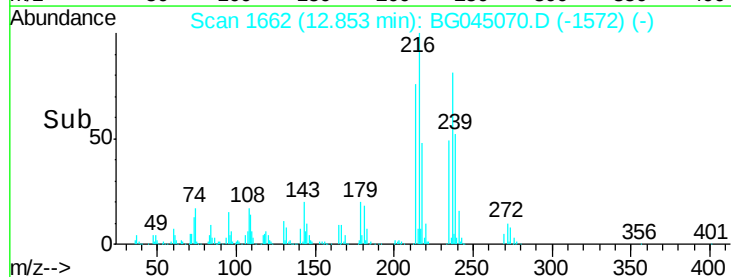
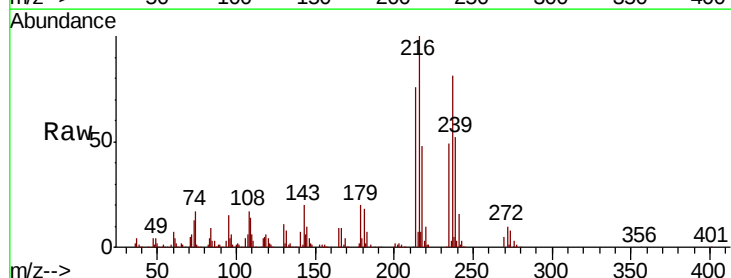
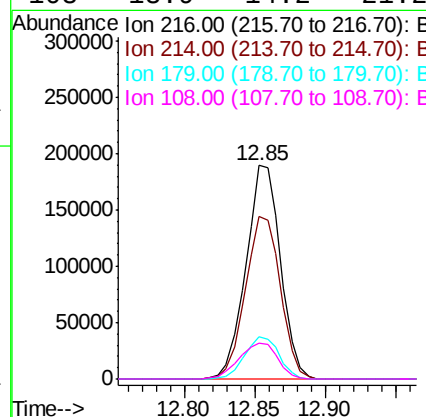
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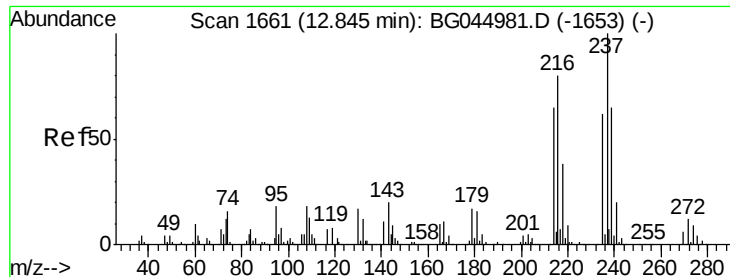
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.323 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.6
179	19.8	15.8	23.8
108	18.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 110.545 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

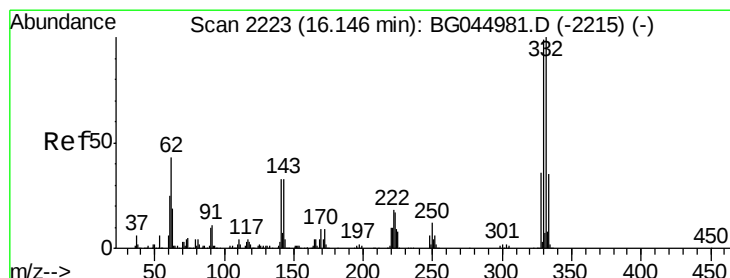
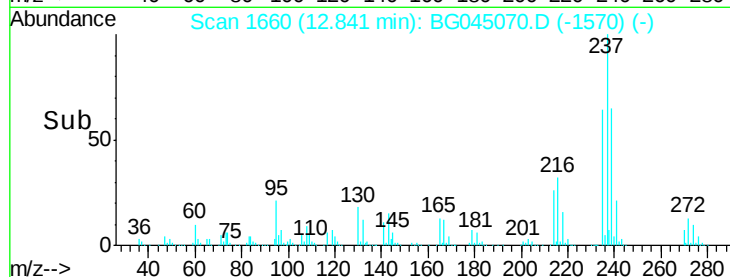
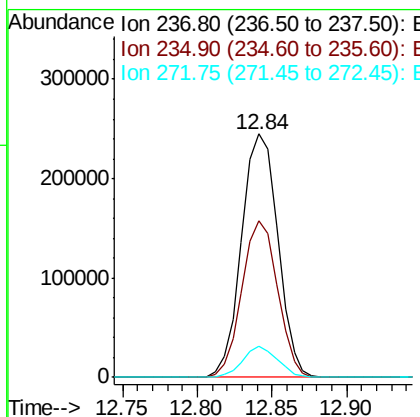
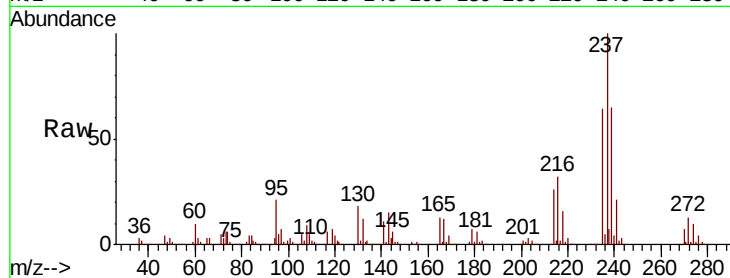
ClientSampleId :

PA-5MS

Tot Ion:	237	Resp:	412216
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.6	81.6
272	12.5	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 92.520 ng

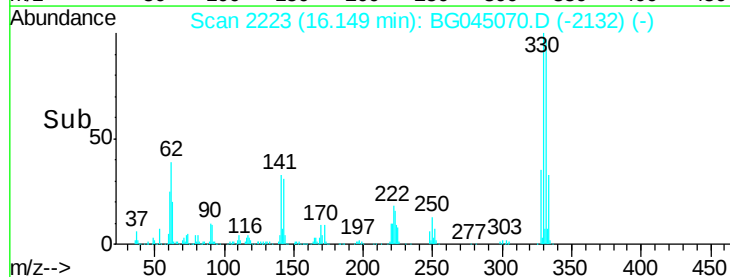
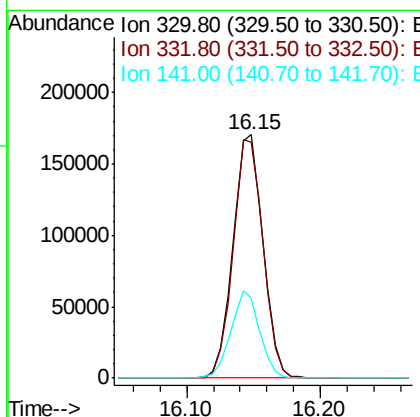
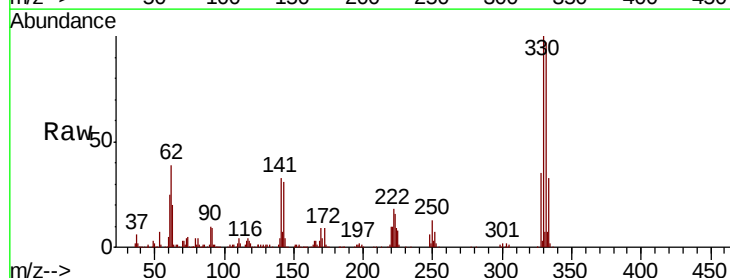
RT: 16.15 min Scan# 2223

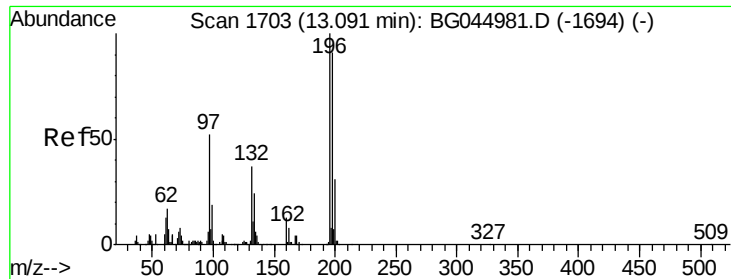
Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	330	Resp:	264852
Ion Ratio	Lower	Upper	
330	100		
332	97.9	79.1	118.7
141	34.5	27.1	40.7





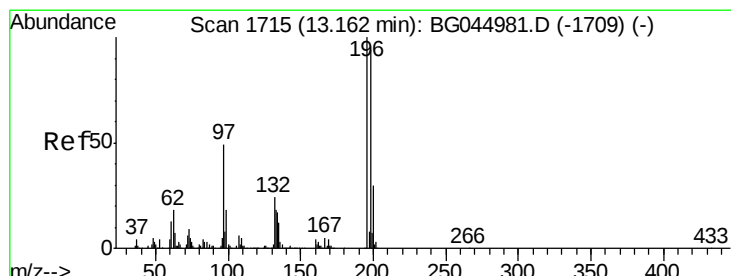
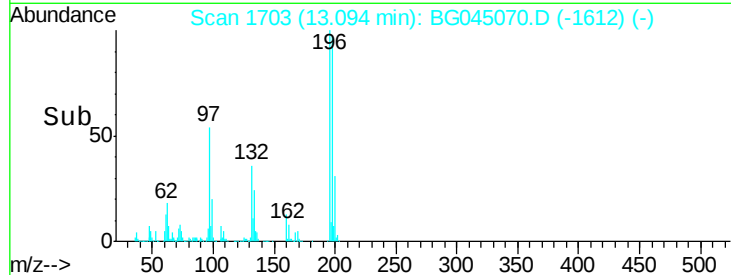
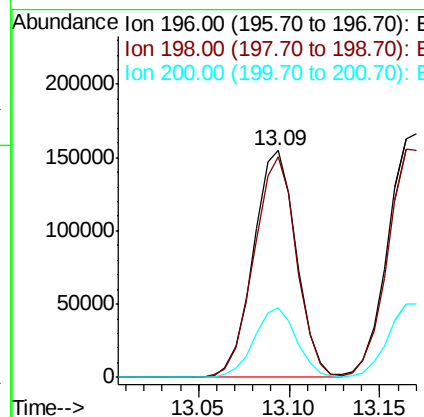
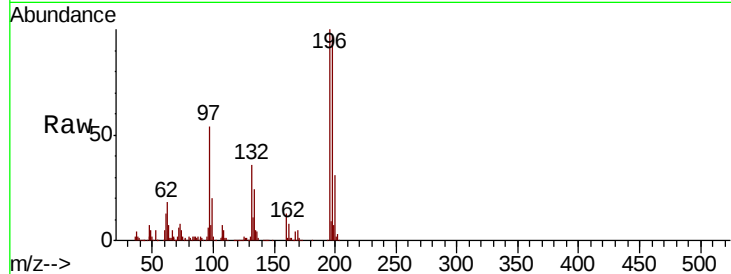
#43
 2,4,6-Trichlorophenol
 Concen: 60.824 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Tot Ion:	196	Resp:	256113
Ion Ratio	Lower	Upper	
196	100		
198	97.2	72.5	108.7
200	30.5	24.5	36.7

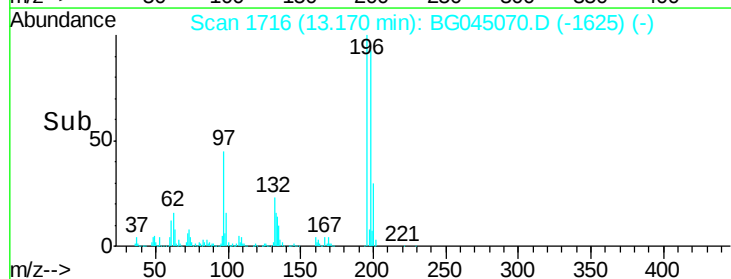
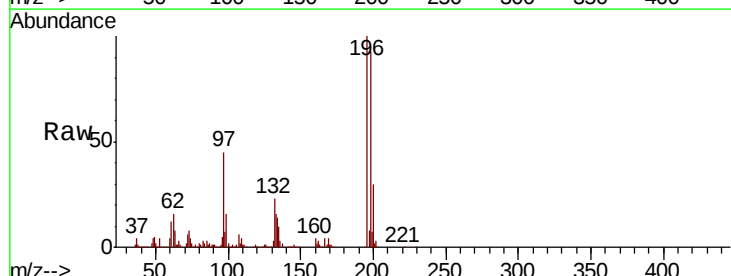
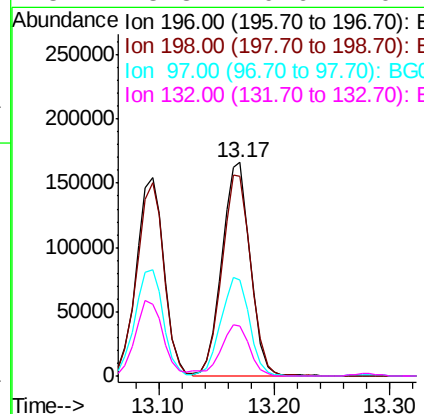
Manual Integrations
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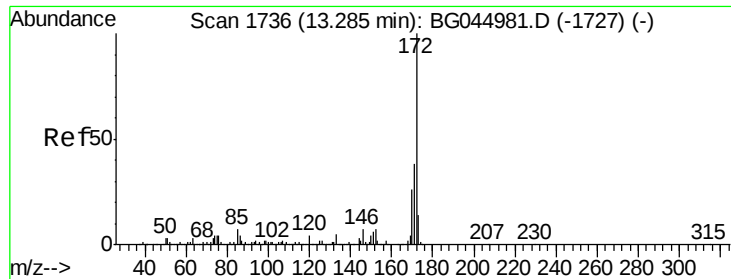
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 58.361 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion:	196	Resp:	279716
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
97	45.1	39.6	59.4
132	23.3	19.6	29.4





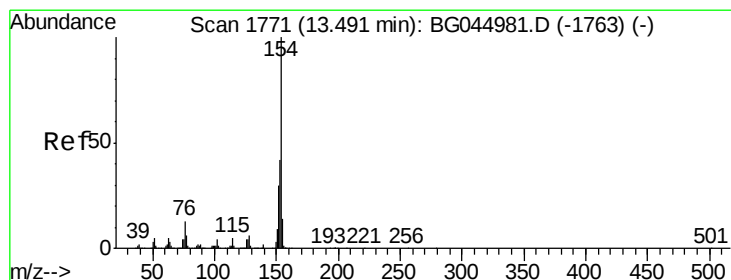
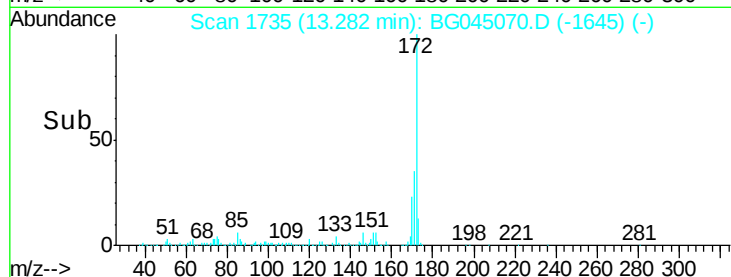
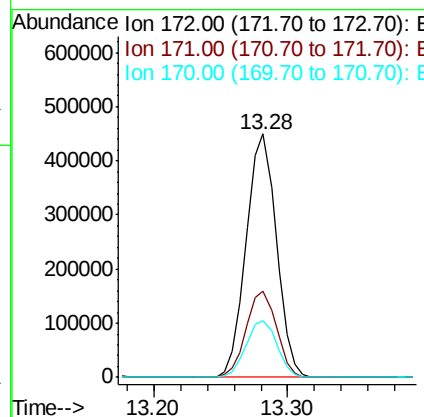
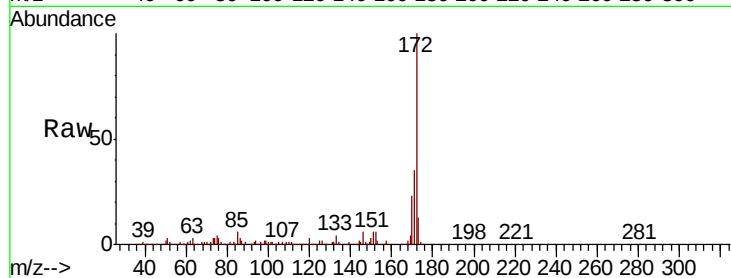
#45
2-Fluorobiphenyl
Concen: 55.573 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion:	172	Resp:	702276
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.6	46.0
170	23.1	20.5	30.7

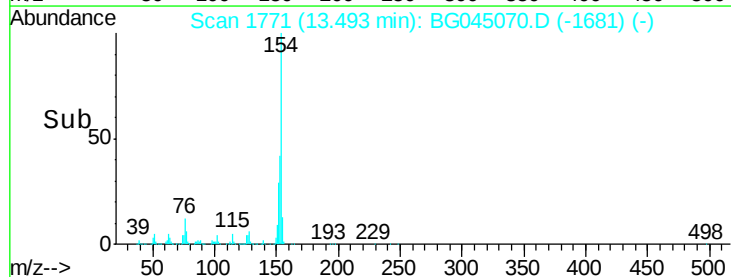
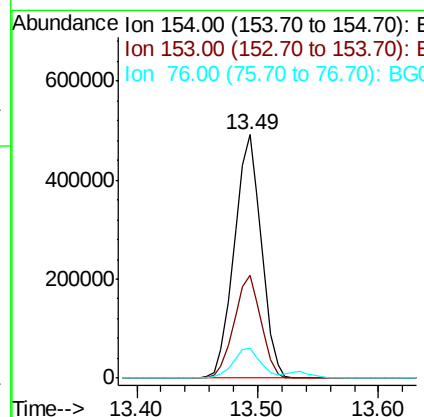
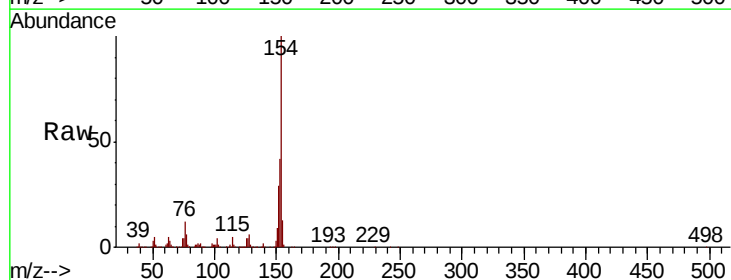
Manual Integrations
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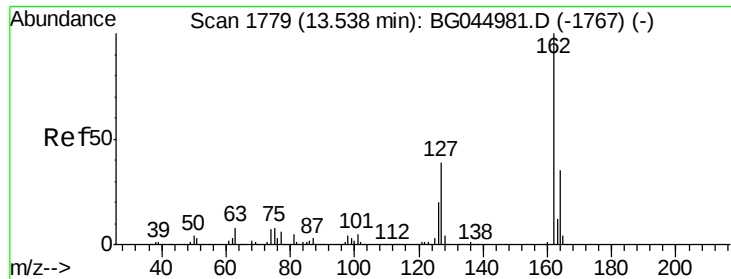
mohammad
4/20/2020 2:41:01 PM



#46
1,1'-Biphenyl
Concen: 54.198 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion:	154	Resp:	763325
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.9	61.9
76	12.2	0.0	33.1





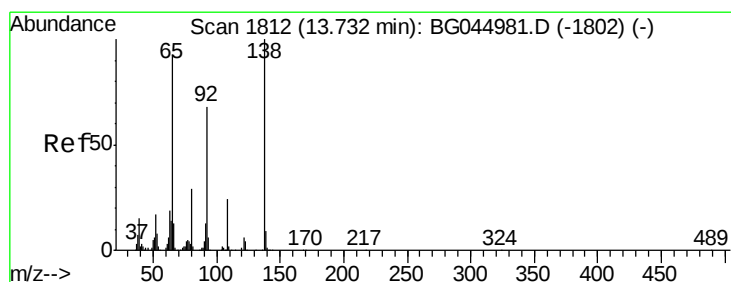
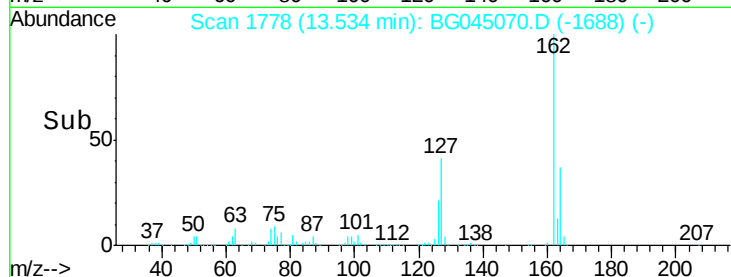
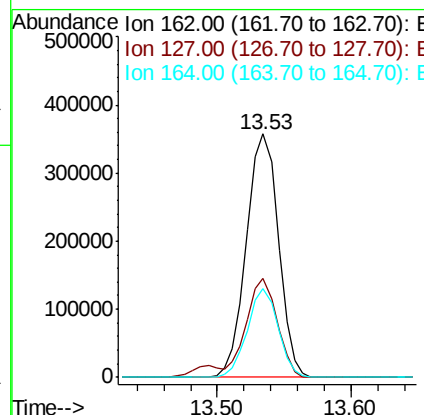
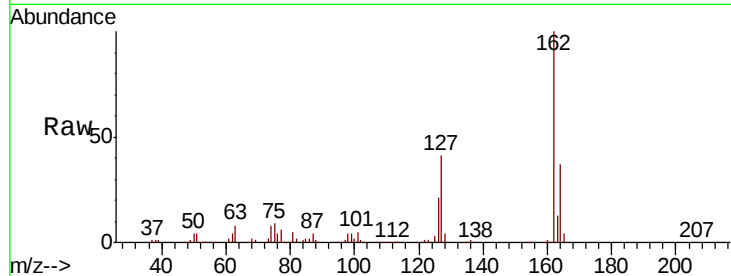
#47
2-Chloronaphthalene
Concen: 55.106 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.3	46.9
164	36.7	27.8	41.8

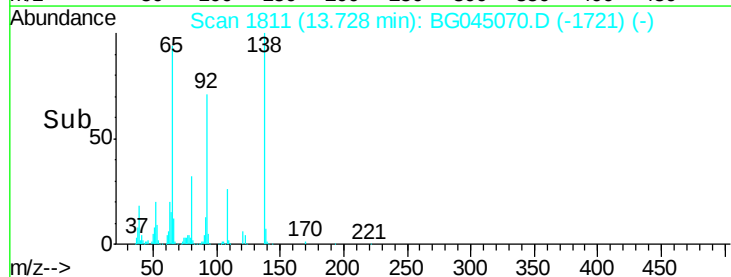
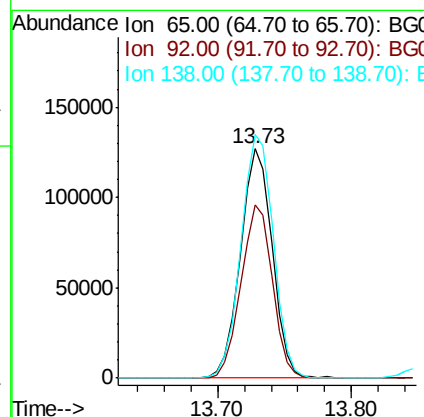
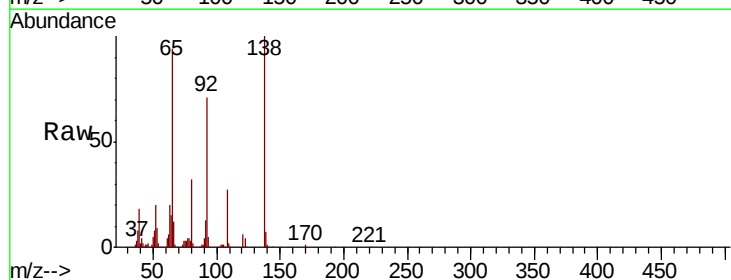
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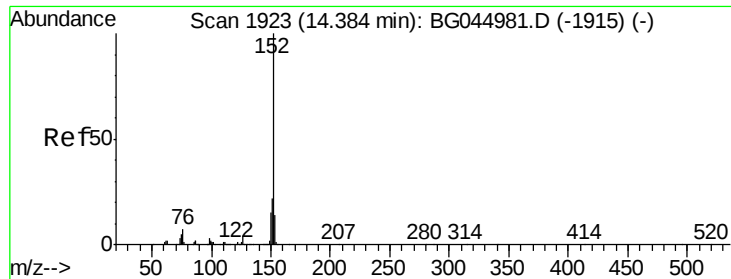
mohammad
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#48
2-Nitroaniline
Concen: 58.976 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.3	87.5
138	106.3	85.6	128.4





#49

Acenaphthylene

Concen: 57.036 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

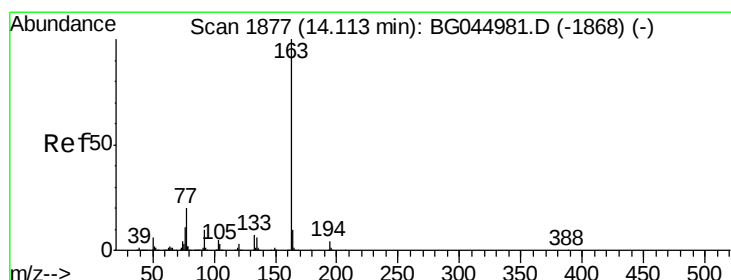
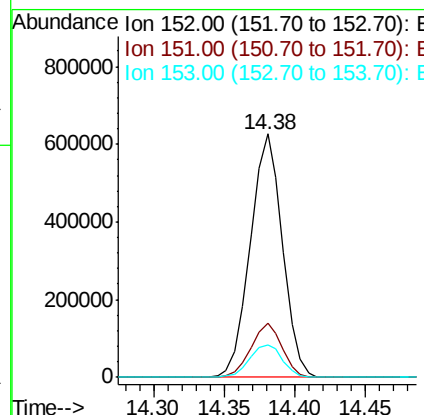
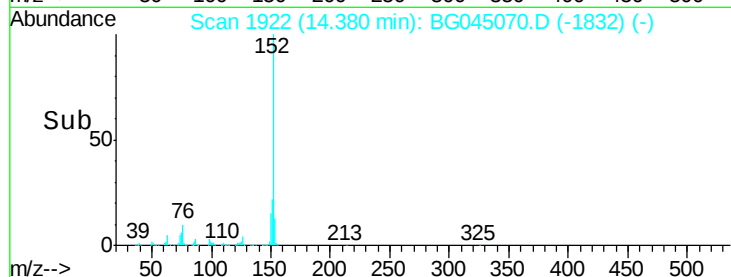
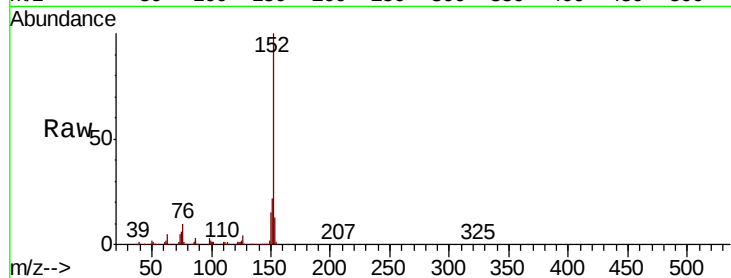
ClientSampleId :

PA-5MS

Tot Ion:	152	Resp:	999802
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.2	25.8
153	13.4	11.0	16.4

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#50

Dimethylphthalate

Concen: 61.835 ng

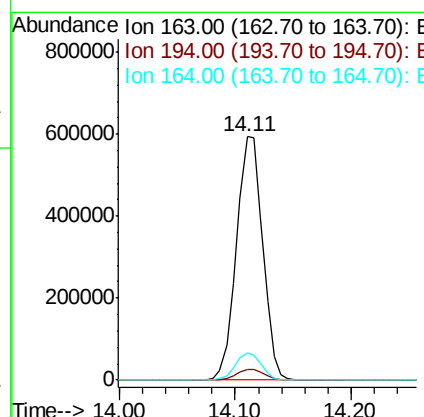
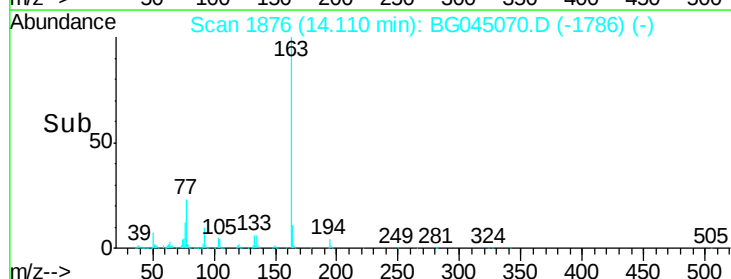
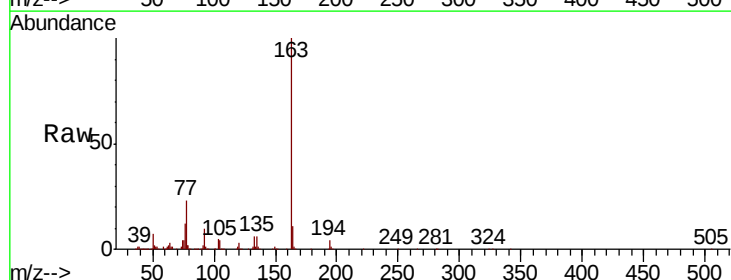
RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	163	Resp:	932960
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	11.2	8.2	12.4





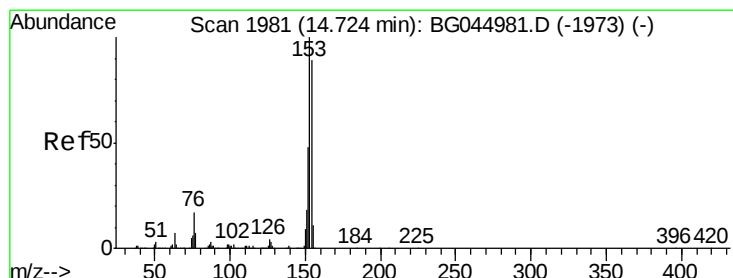
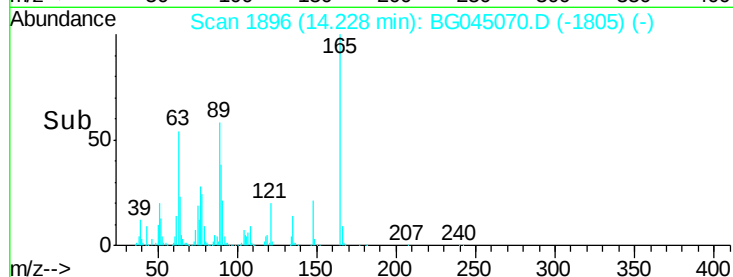
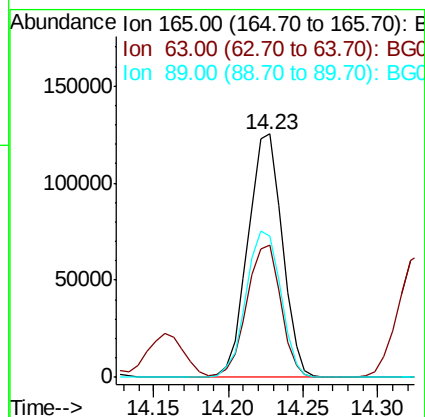
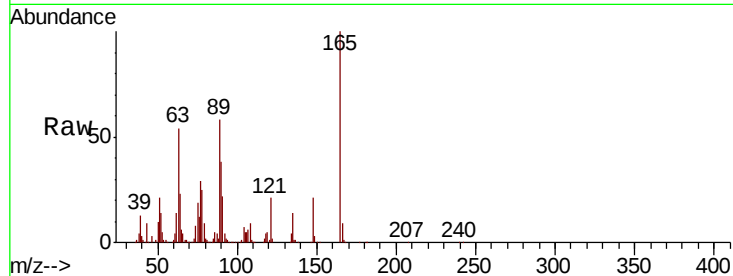
#51
 2,6-Dinitrotoluene
 Concen: 59.049 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

Tot Ion:	165	Resp:	199275
Ion Ratio	Lower	Upper	
165	100		
63	54.3	40.4	60.6
89	58.0	49.1	73.7

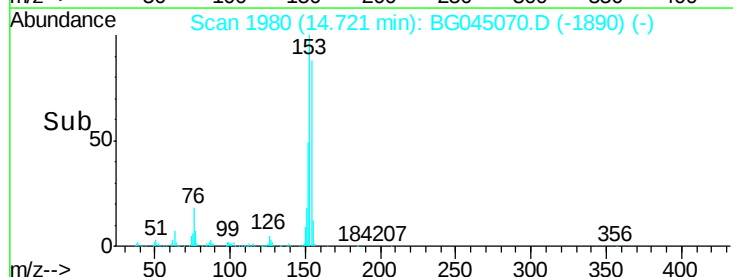
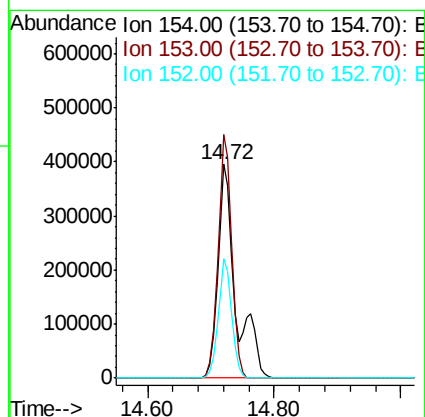
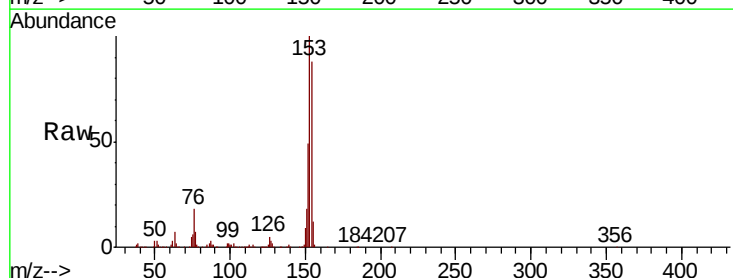
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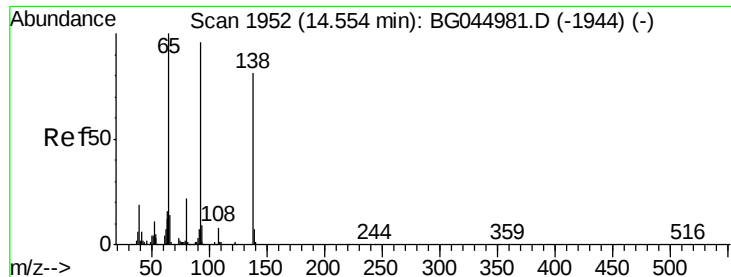
mohammad
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#52
 Acenaphthene
 Concen: 66.853 ng m
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion:	154	Resp:	792886
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.7	134.5
152	56.2	43.1	64.7





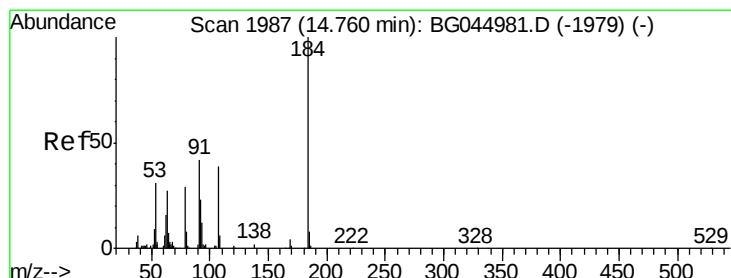
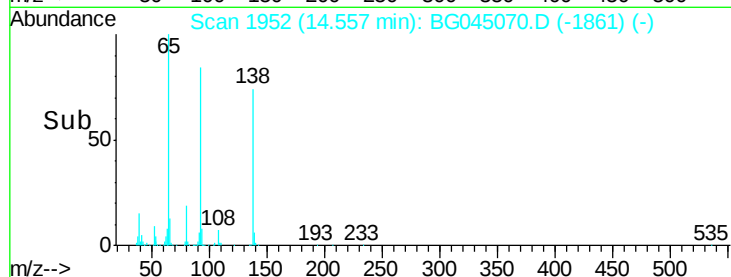
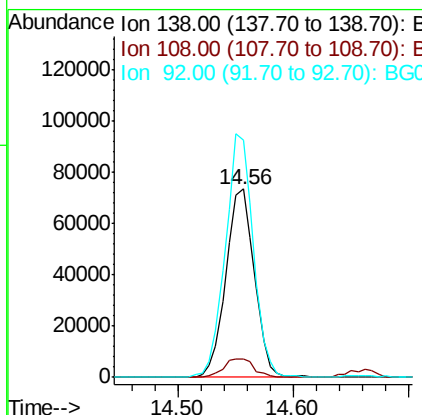
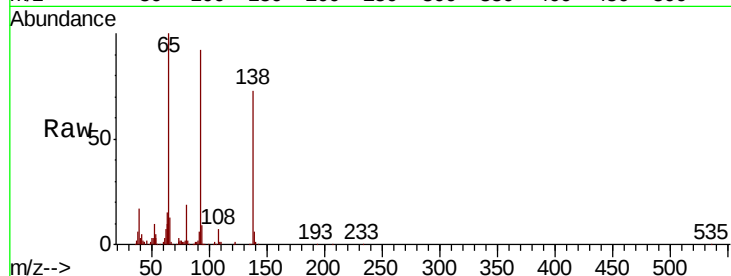
#53
3-Nitroaniline
Concen: 34.045 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.8
92	126.3	94.5	141.7

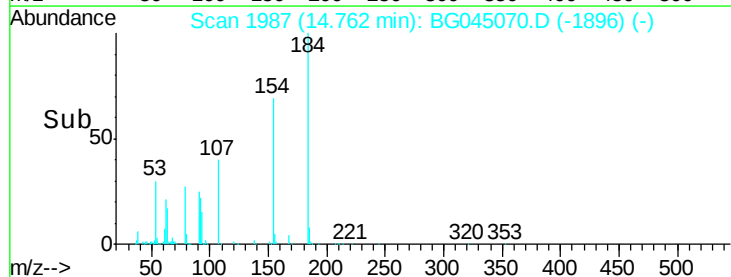
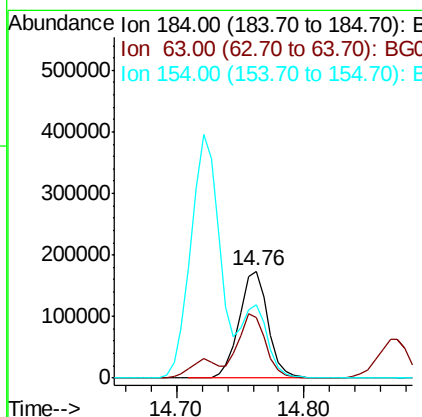
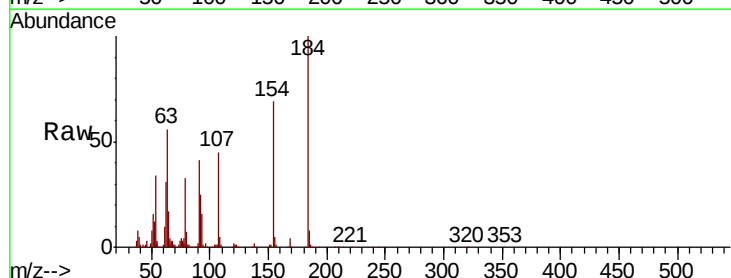
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#54
2,4-Dinitrophenol
Concen: 136.708 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	41.5	62.3
154	68.8	52.3	78.5





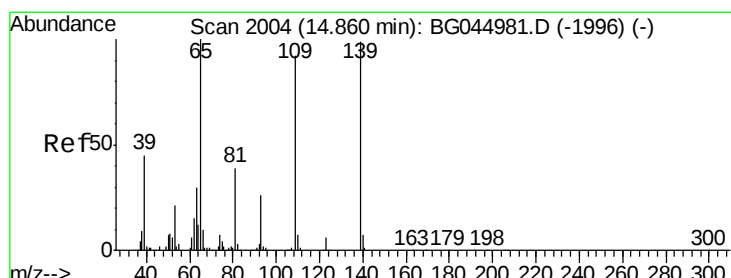
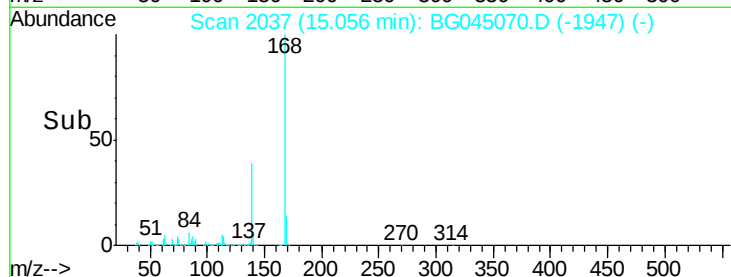
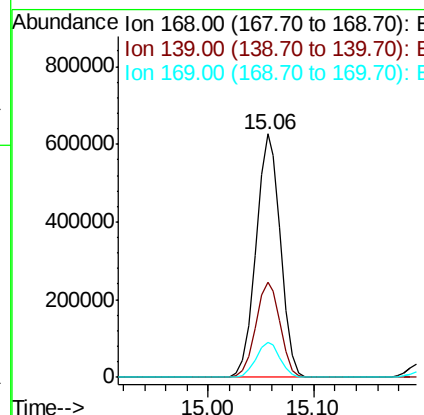
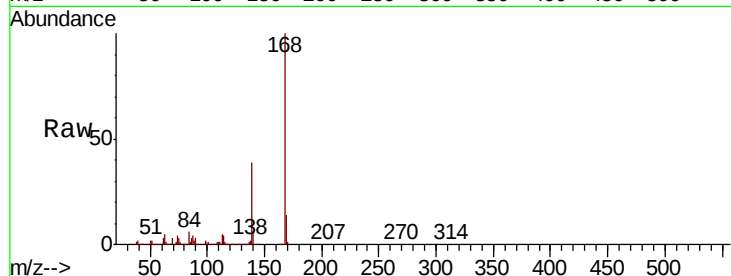
#55
Dibenzenofuran
Concen: 58.142 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.4	45.6
169	14.2	11.0	16.4

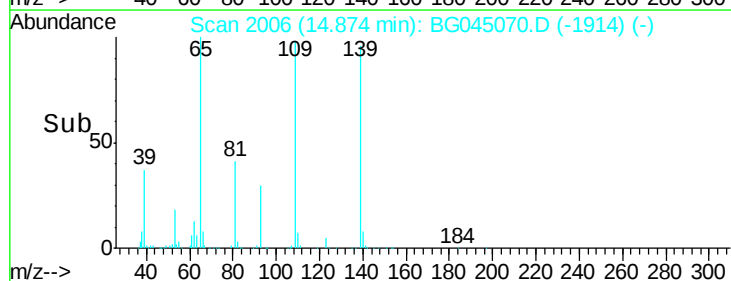
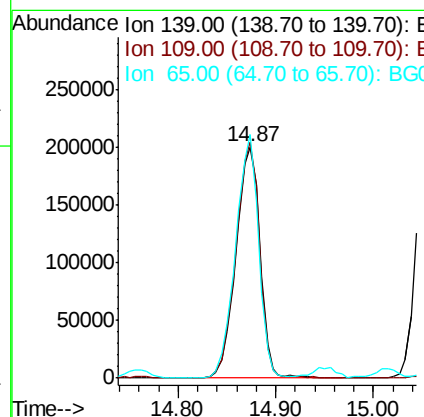
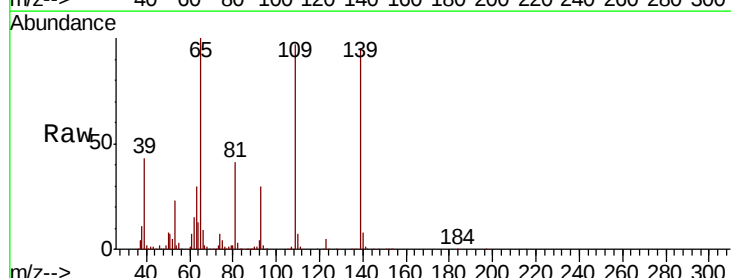
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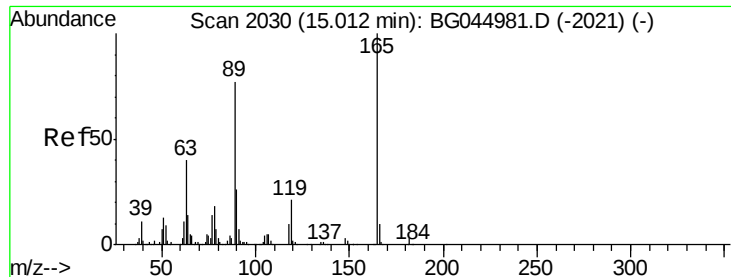
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#56
4-Nitrophenol
Concen: 119.400 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.1	73.6	113.6
65	105.3	81.2	121.2





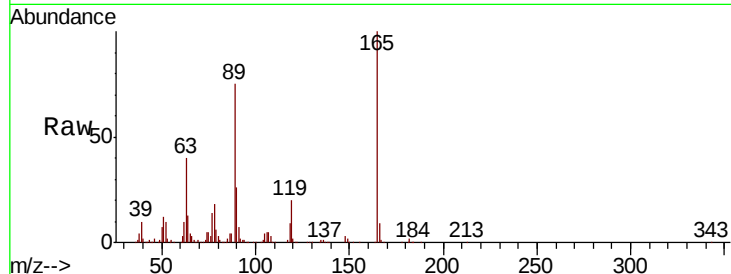
#57
2,4-Dinitrotoluene
Concen: 59.299 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

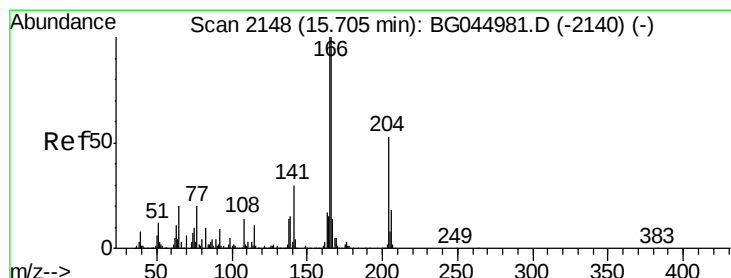
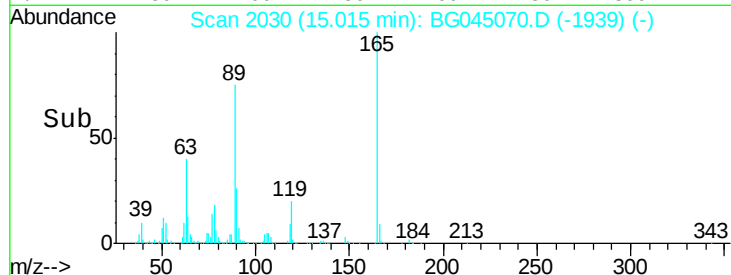
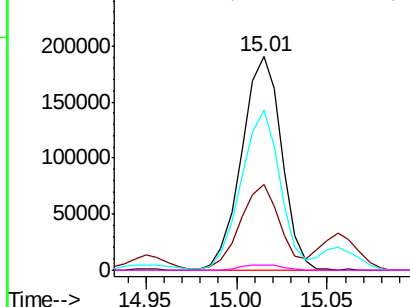
Tot Ion	Ratio	Resp	Lower	Upper
165	100	292454		
63	40.3		32.2	48.2
89	75.0		61.7	92.5
182	2.4		2.0	3.0

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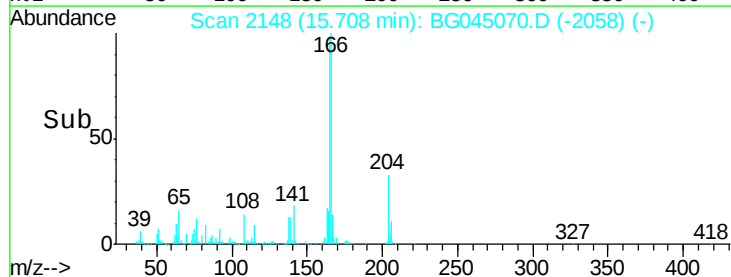
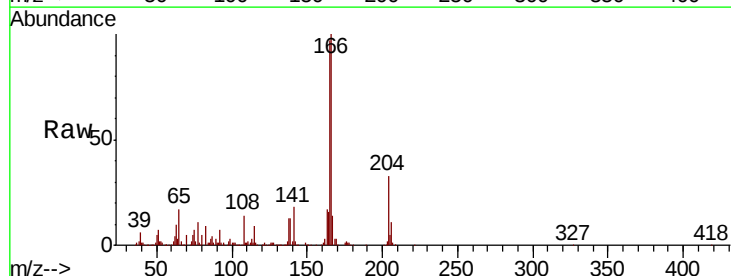
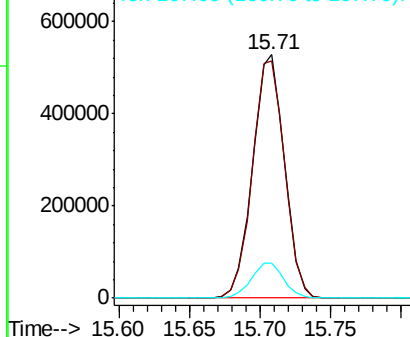
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

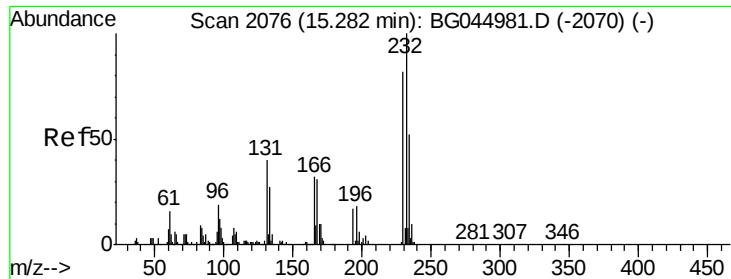


#58
Fluorene
Concen: 59.201 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	836148		
165	97.4		79.9	119.9
167	14.1		11.4	17.0

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





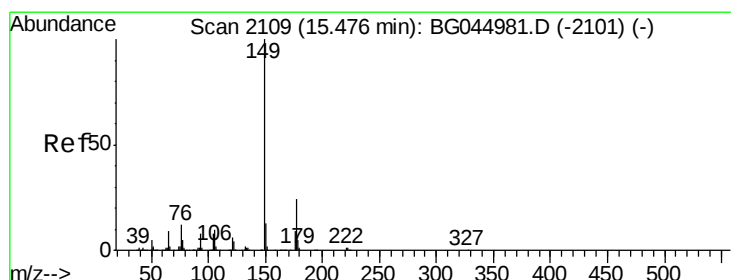
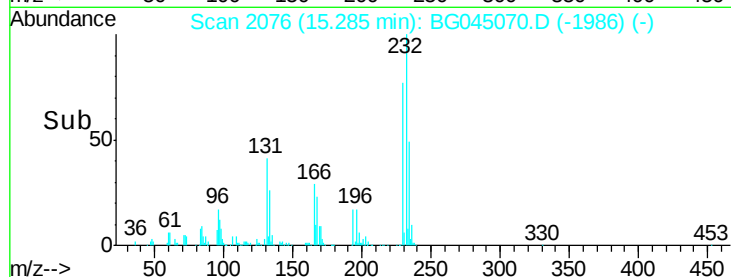
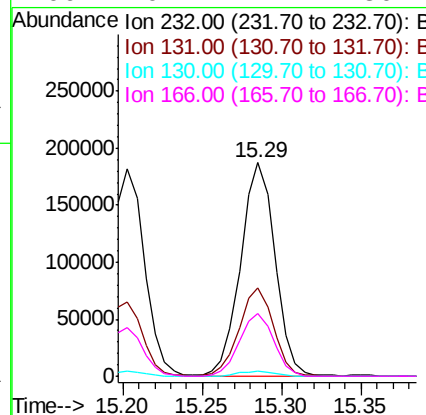
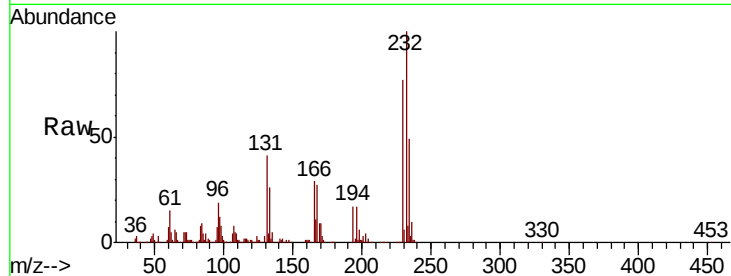
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.033 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	41.2	32.2	48.2		
130	2.6	2.2	3.2		
166	29.4	24.2	36.4		

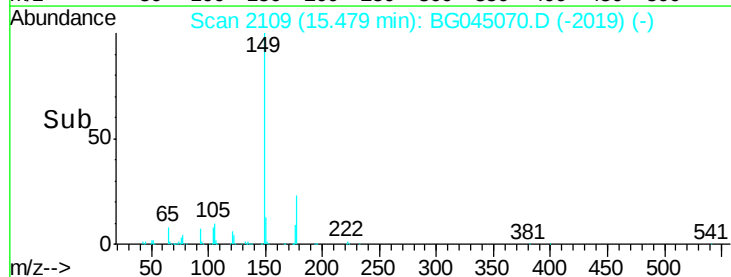
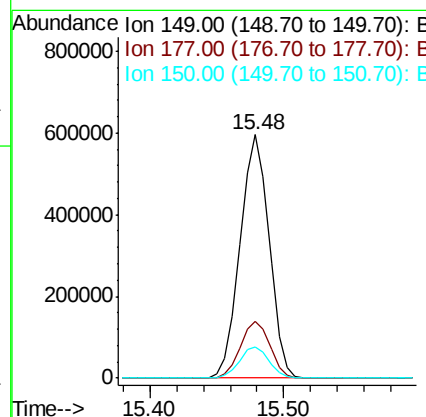
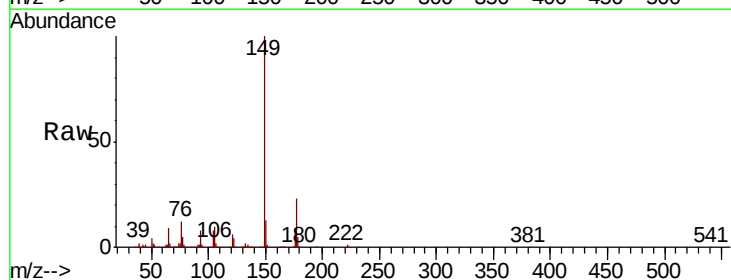
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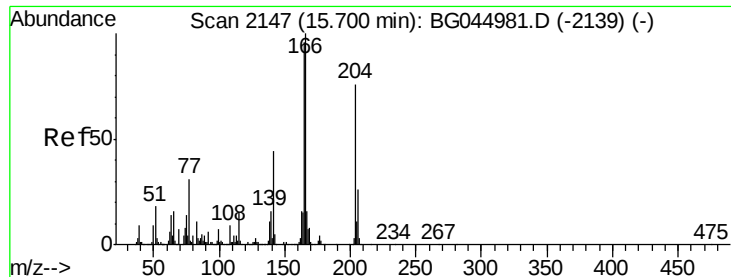
mohammad
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#60
Diethylphthalate
Concen: 56.958 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.1	18.9	28.3		
150	12.8	10.6	15.8		





#61

4-Chlorophenyl-phenylether

Concen: 56.984 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

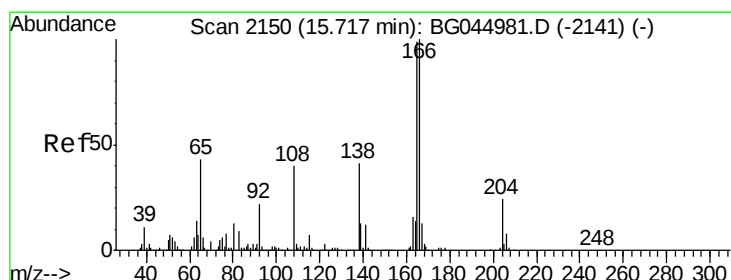
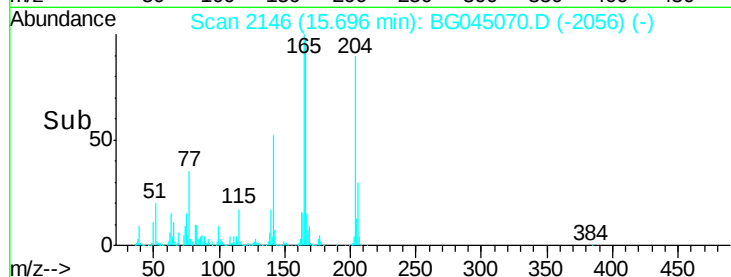
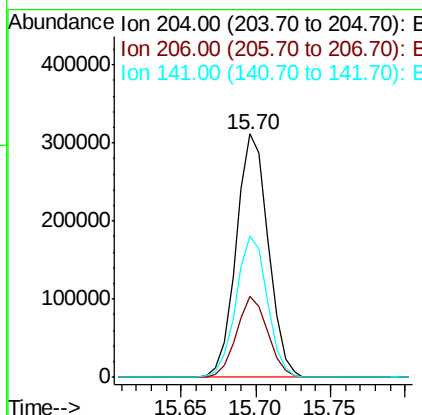
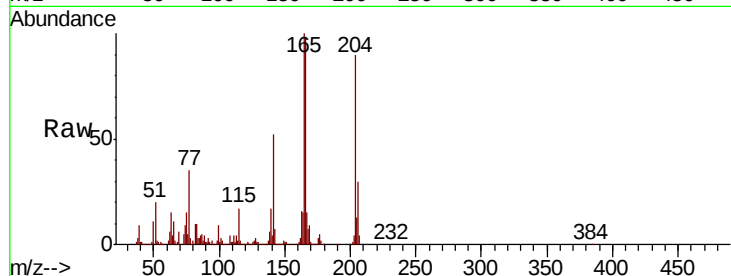
ClientSampled :

PA-5MS

Tot Ion:	204	Resp:	463250
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.9	40.3
141	57.9	46.3	69.5

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#62

4-Nitroaniline

Concen: 55.688 ng

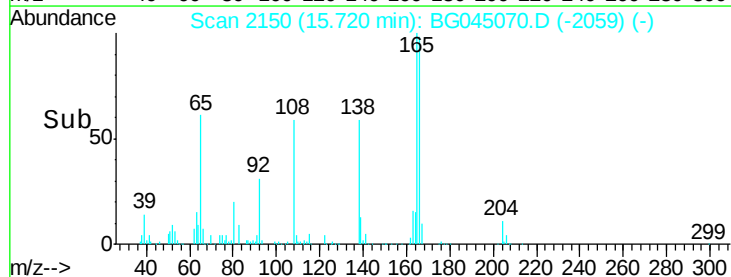
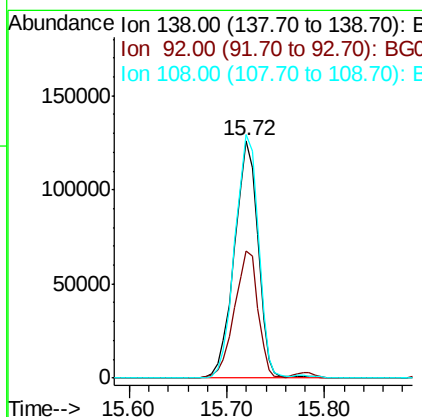
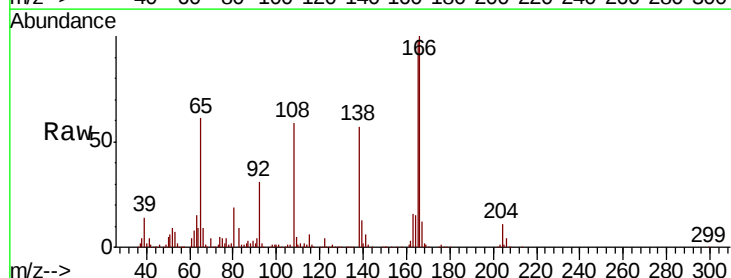
RT: 15.72 min Scan# 2150

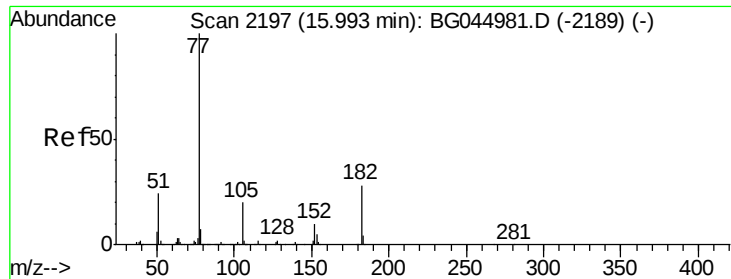
Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	138	Resp:	213786
Ion Ratio	Lower	Upper	
138	100		
92	53.6	33.6	73.6
108	102.4	78.2	118.2





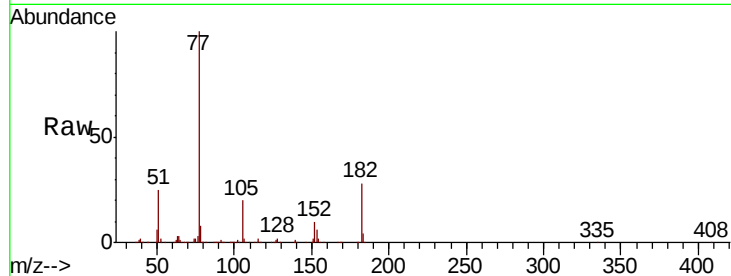
#63
Azobenzene
Concen: 58.783 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

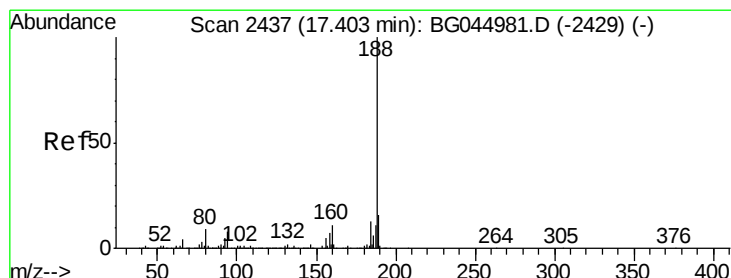
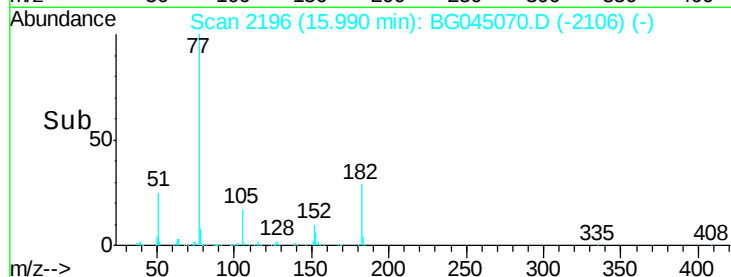
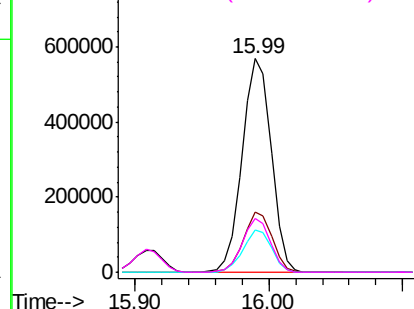
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		852540		
182	28.3	8.4	48.4		
105	19.8	0.5	40.5		
51	25.0	4.4	44.4		

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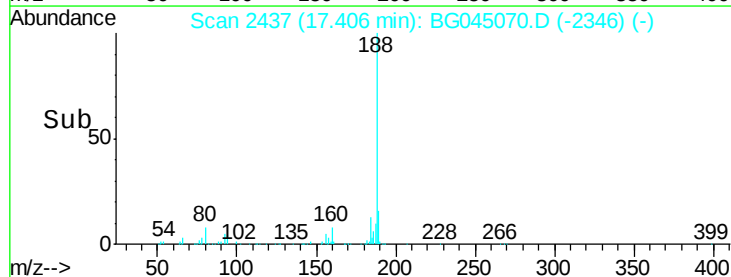
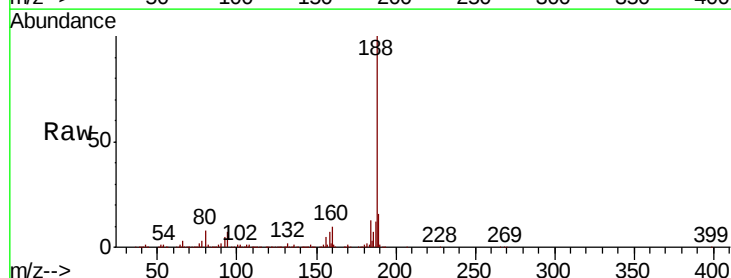
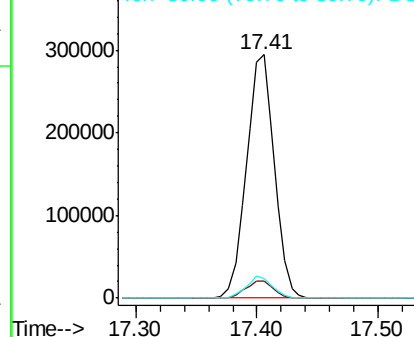
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

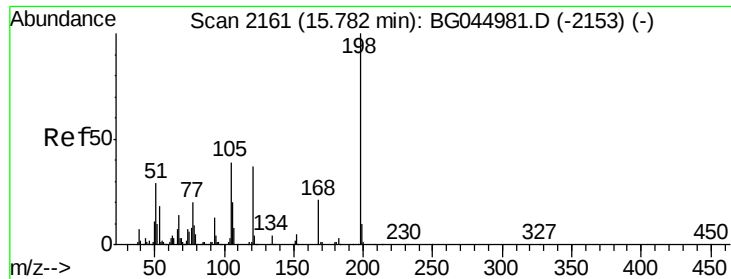


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		472144		
94	6.8	6.2	9.4		
80	8.0	7.0	10.6		

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





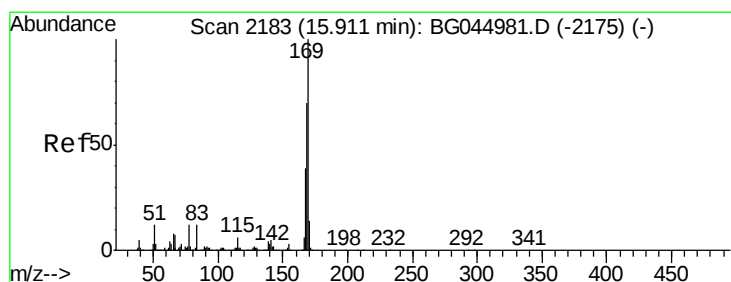
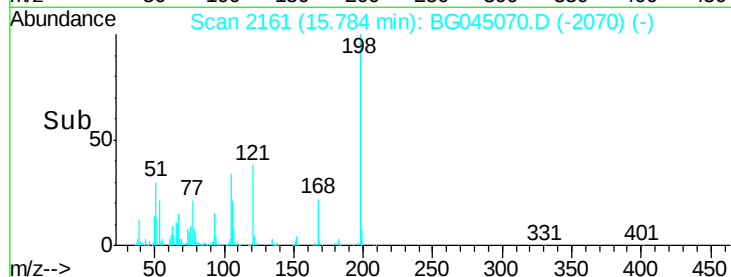
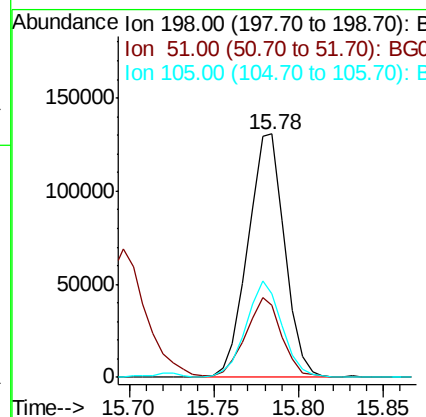
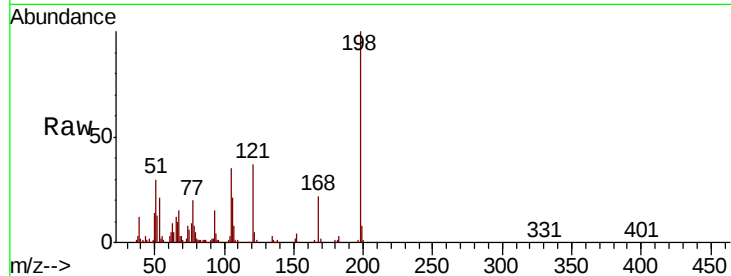
#65
4,6-Dinitro-2-methylphenol
Concen: 63.850 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	198154		
51	29.8		10.0	50.0
105	34.6		18.9	58.9

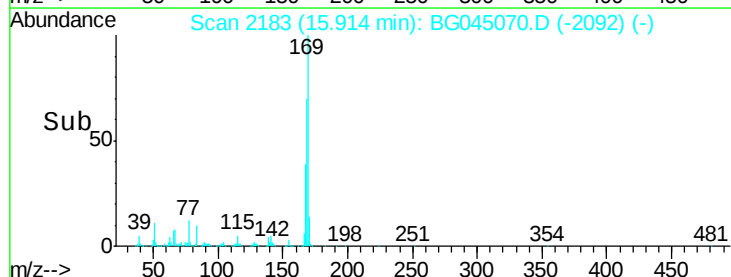
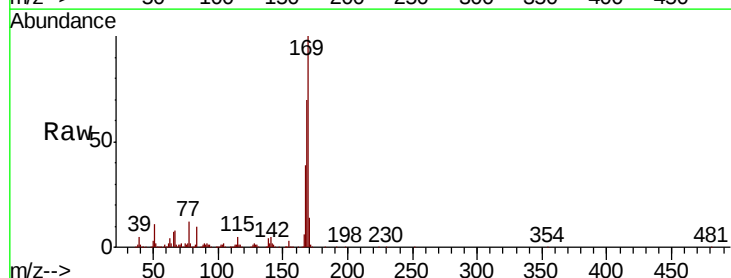
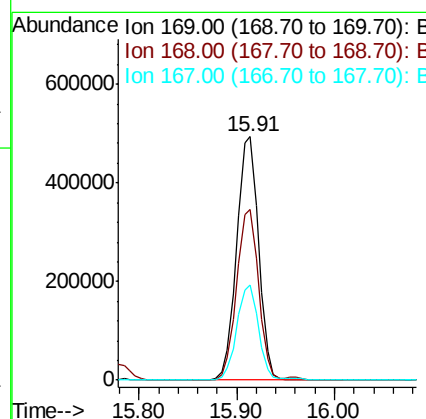
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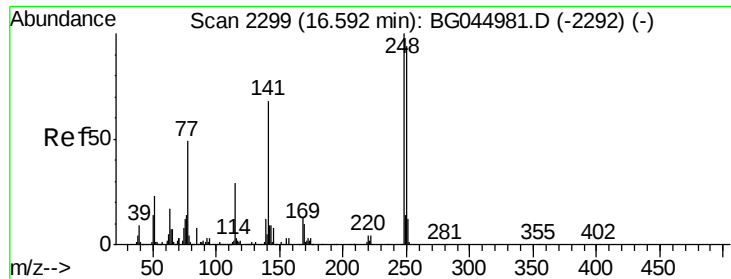
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#66
n-Nitrosodiphenylamine
Concen: 56.477 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	766139		
168	70.0		55.8	83.8
167	39.1		30.8	46.2





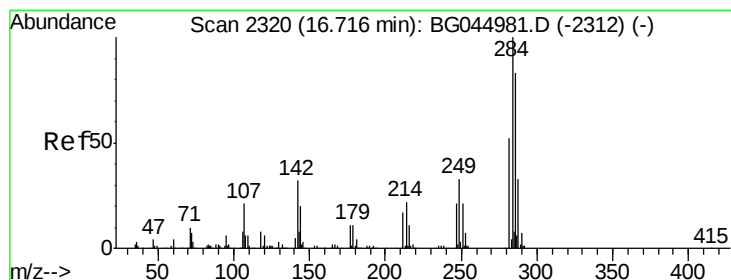
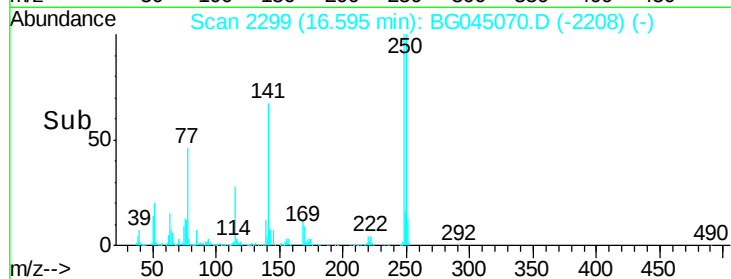
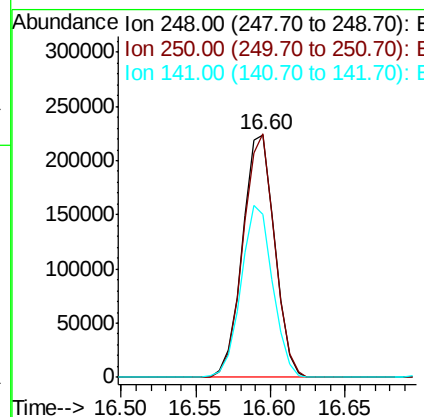
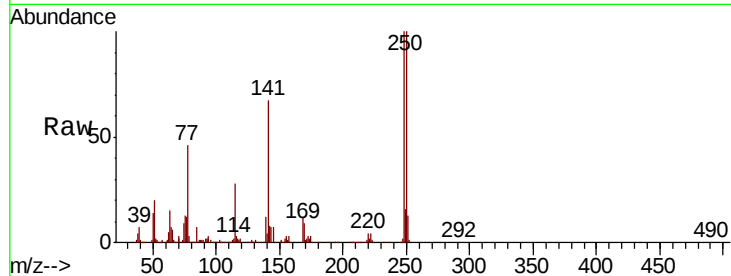
#67
4-Bromophenyl-phenylether
Concen: 54.680 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	75.4	113.2
141	67.0	54.4	81.6

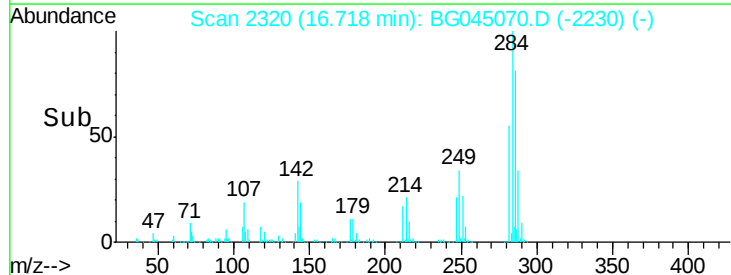
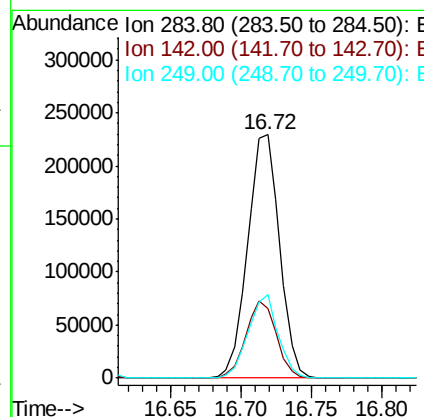
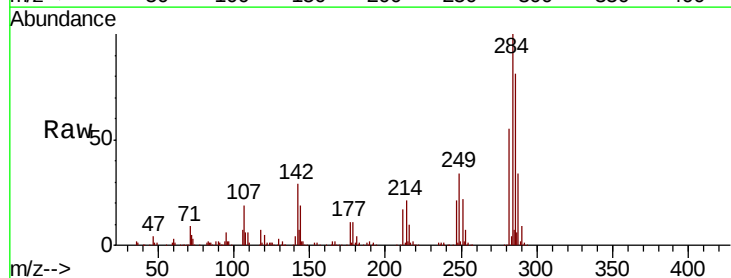
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#68
Hexachlorobenzene
Concen: 57.439 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	34.3	26.6	39.8





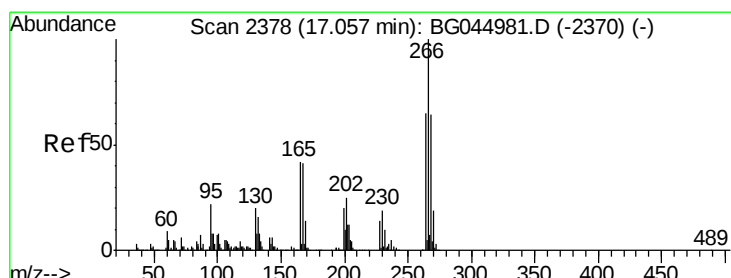
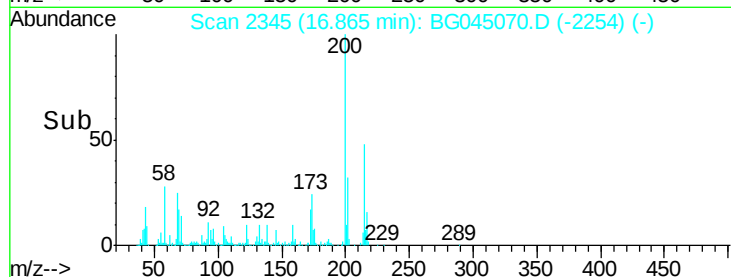
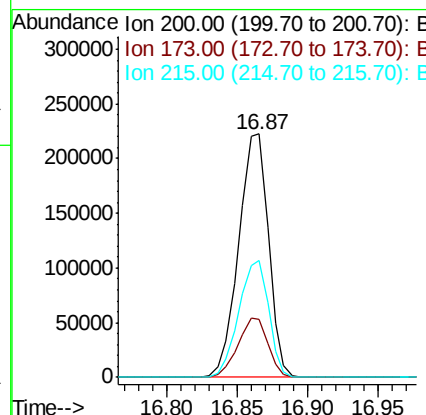
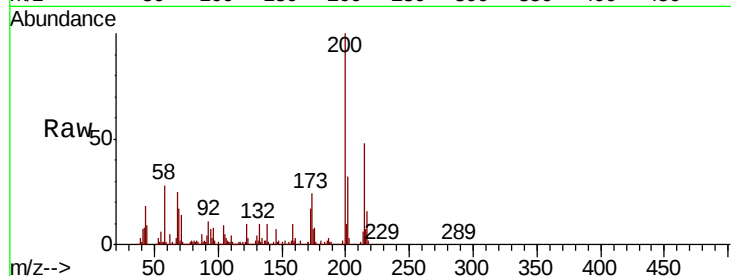
#69
Atrazine
Concen: 68.791 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.5	44.5
215	48.3	30.0	70.0

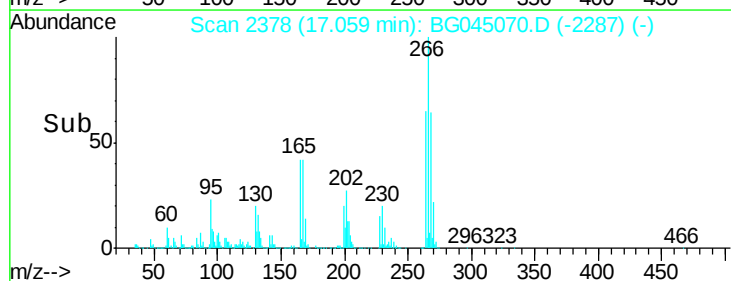
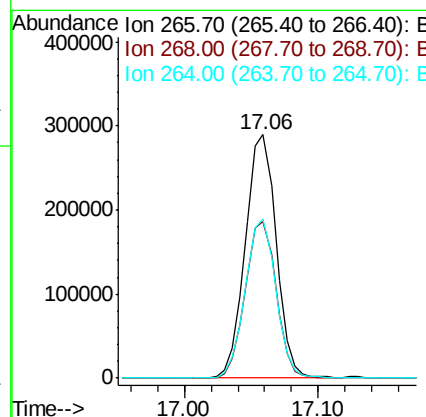
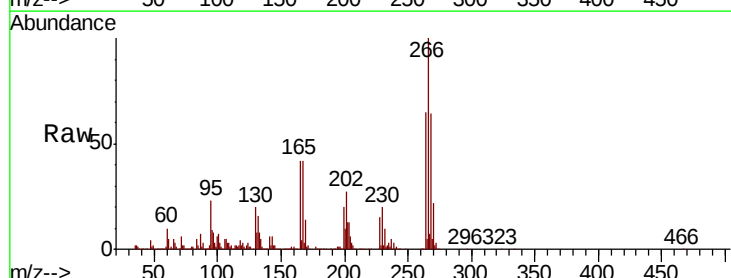
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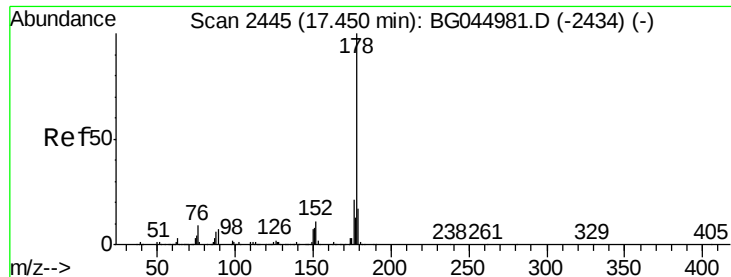
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#70
Pentachlorophenol
Concen: 119.523 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.5	77.3
264	65.3	52.2	78.4





#71

Phenanthrene

Concen: 56.881 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampled :

PA-5MS

Tot Ion:178 Resp: 1380060

Ion Ratio Lower Upper

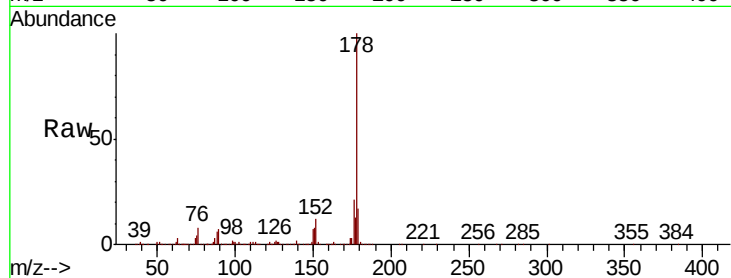
178 100

176 21.4 16.8 25.2

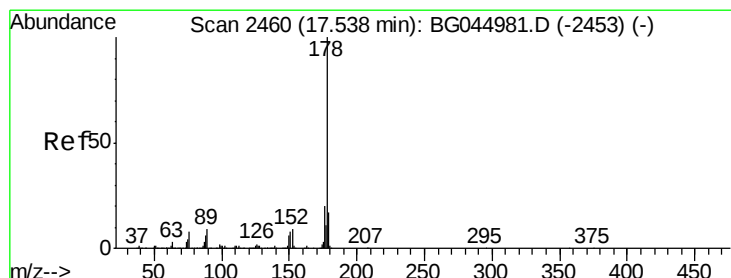
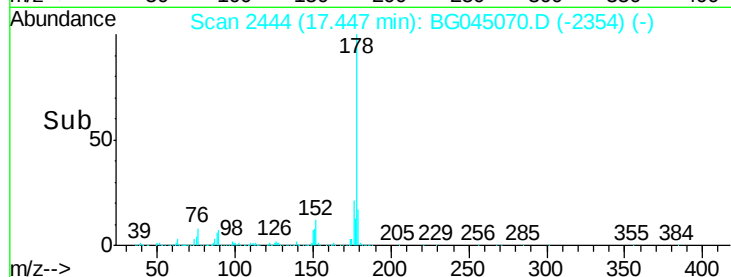
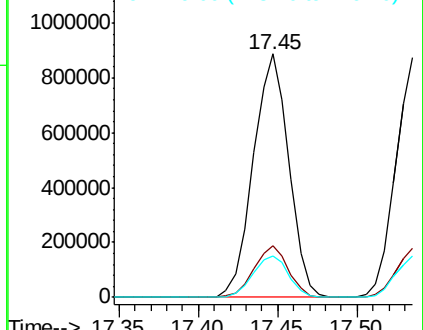
179 17.2 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
1200000 Ion 176.00 (175.70 to 176.70): E
1000000 Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.673 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:178 Resp: 1403616

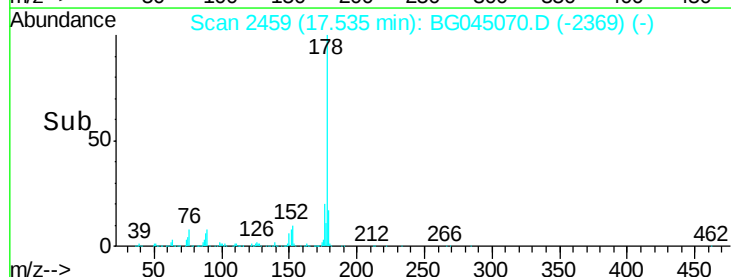
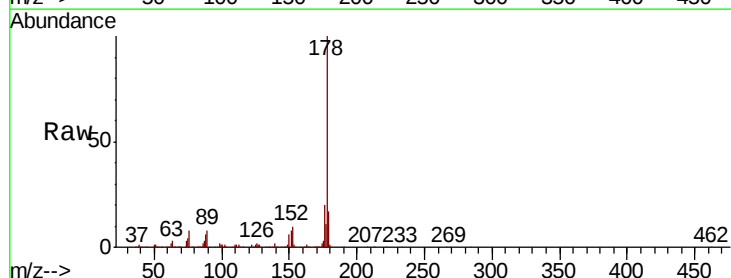
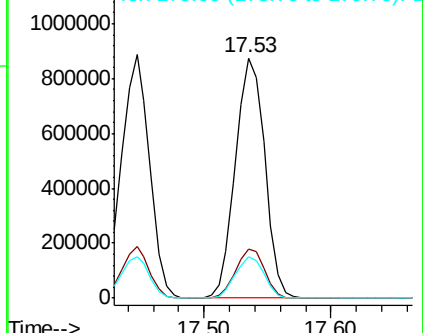
Ion Ratio Lower Upper

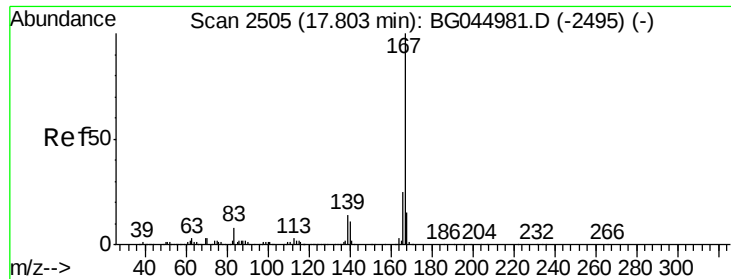
178 100

176 20.3 16.0 24.0

179 17.2 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E
1200000 Ion 176.00 (175.70 to 176.70): E
1000000 Ion 179.00 (178.70 to 179.70): E





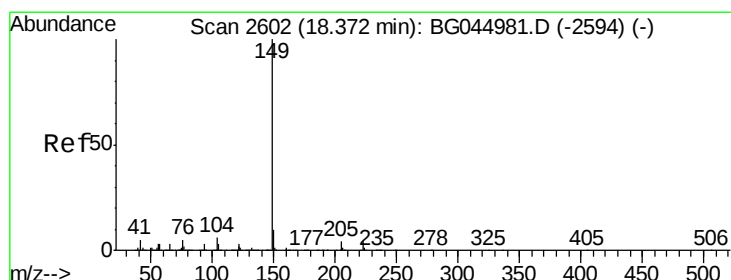
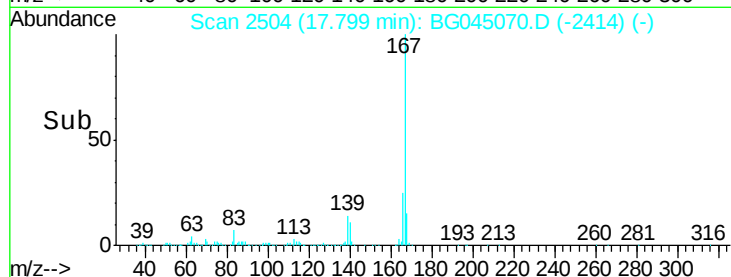
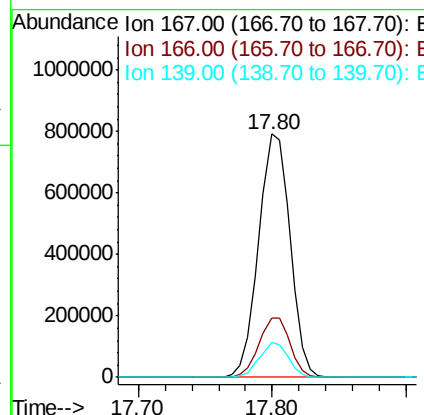
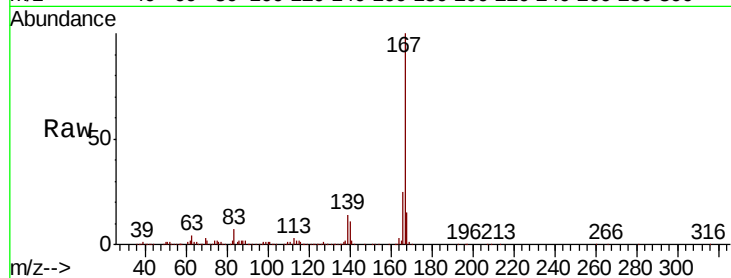
#73
 Carbazole
 Concen: 52.083 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampled :
 PA-5MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.8	29.6
139	14.2	10.9	16.3

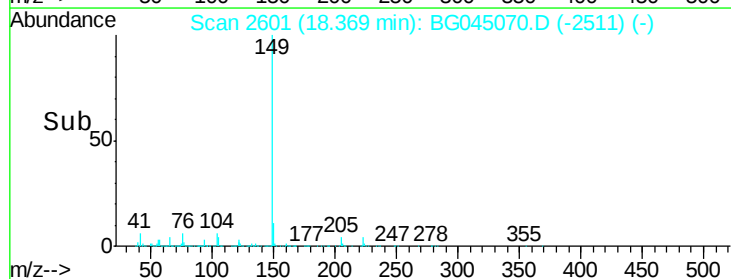
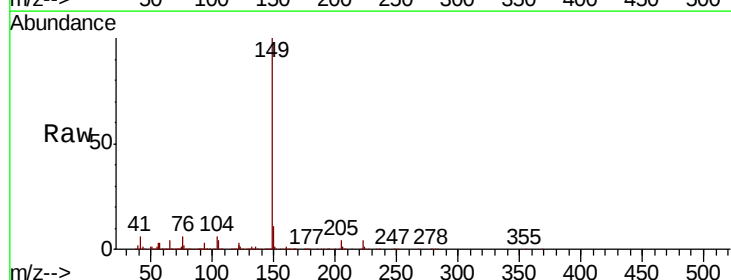
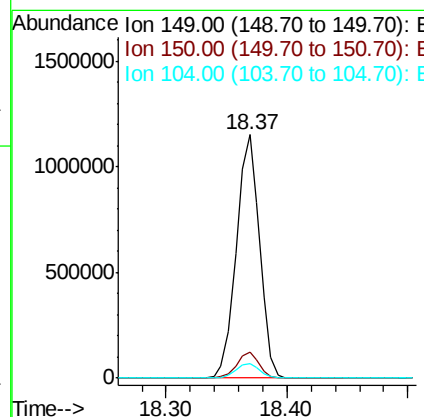
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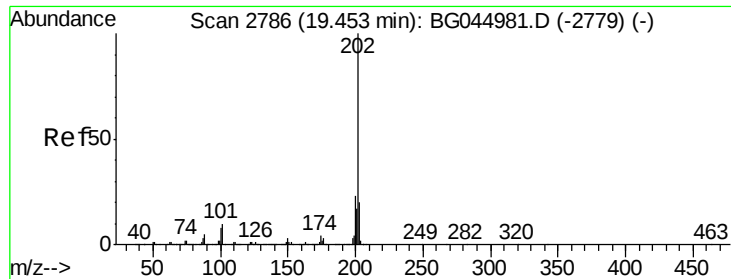
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#74
 Di-n-butylphthalate
 Concen: 58.827 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	6.2	4.8	7.2





#75

Fluoranthene

Concen: 61.171 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

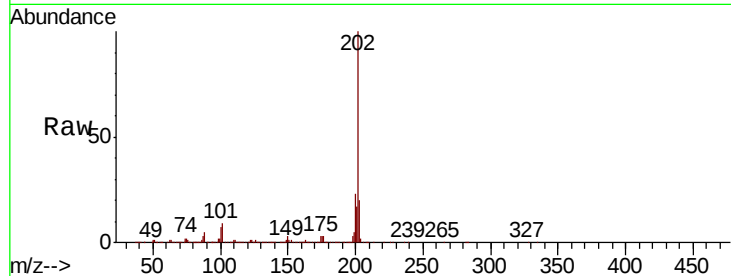
ClientSampled :

PA-5MS

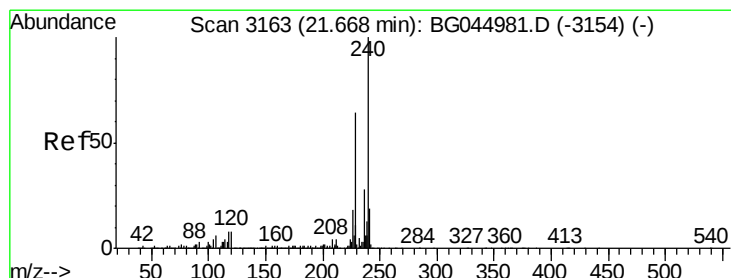
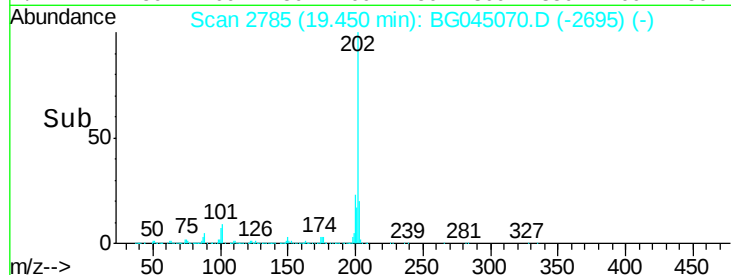
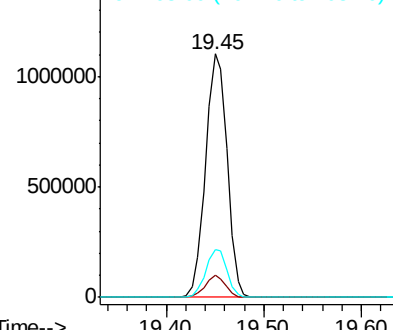
Tot Ion:	202	Resp:	1681219
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.6
203	19.9	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

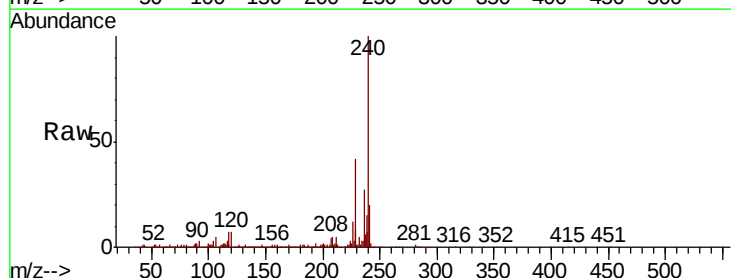
RT: 21.67 min Scan# 3163

Delta R.T. 0.01 min

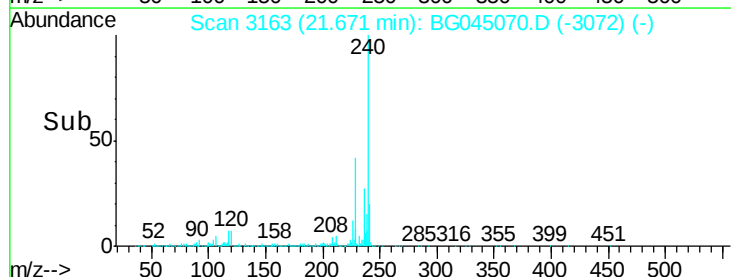
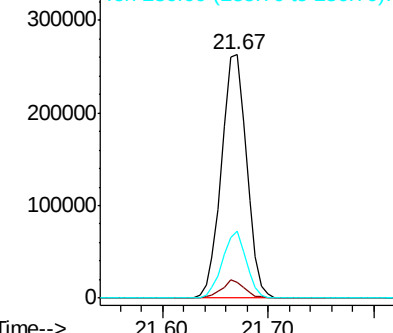
Lab File: BG045070.D

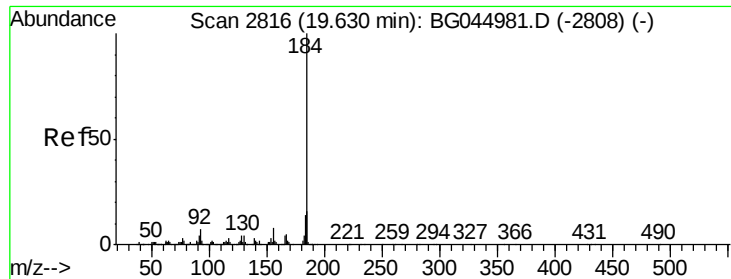
Acq: 18 Apr 2020 17:03

Tgt Ion:	240	Resp:	432628
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.6	10.0
236	27.4	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: 61.664 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

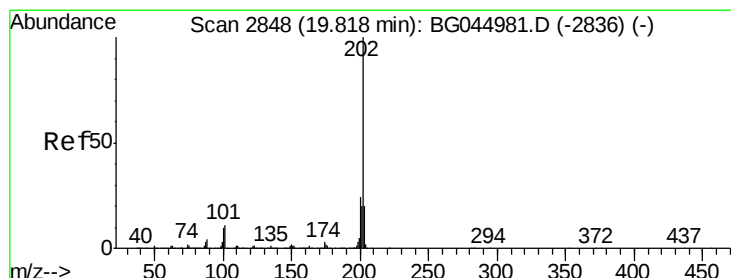
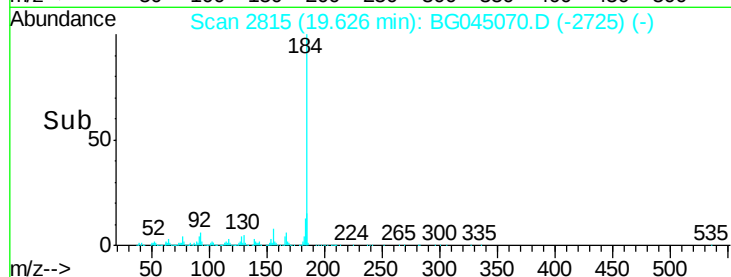
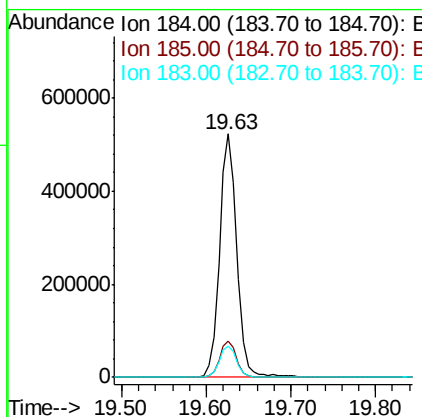
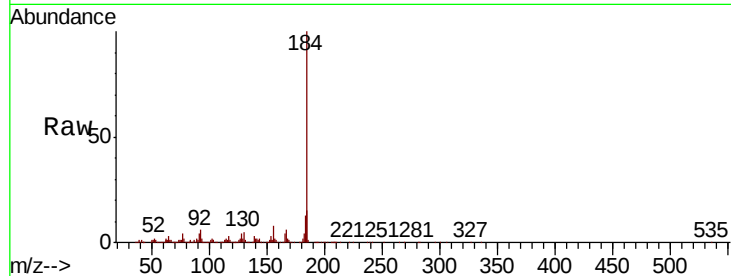
ClientSampleId :

PA-5MS

Tot Ion:	184	Resp:	745051
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	19.0
183	12.8	11.3	16.9

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#78

Pyrene

Concen: 54.825 ng

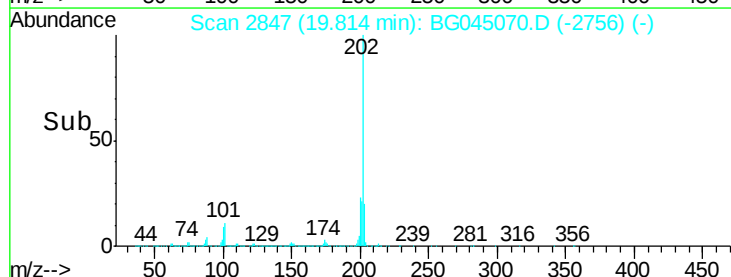
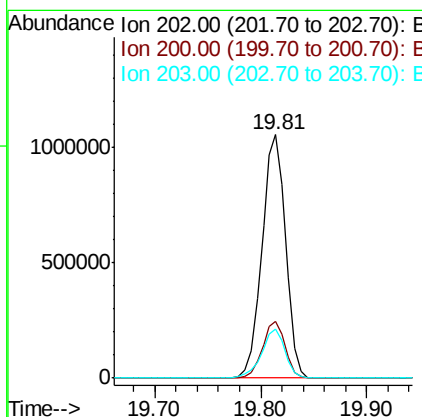
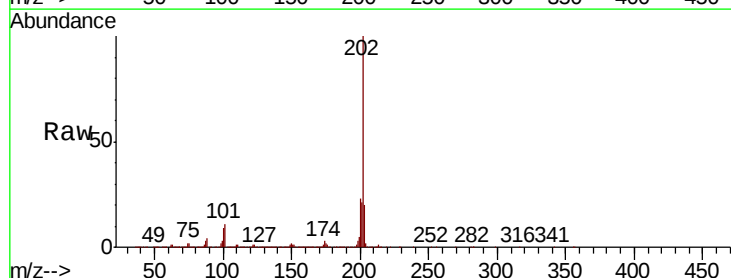
RT: 19.81 min Scan# 2847

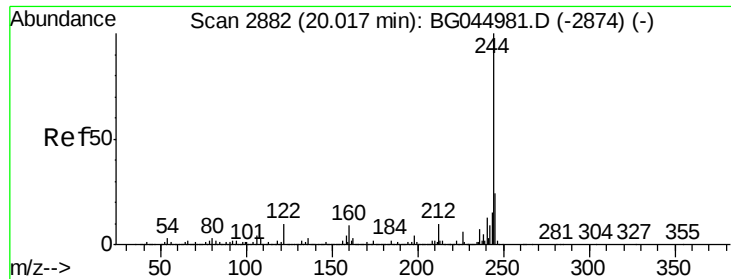
Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Tgt Ion:	202	Resp:	1635194
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.0	28.6
203	20.3	16.1	24.1





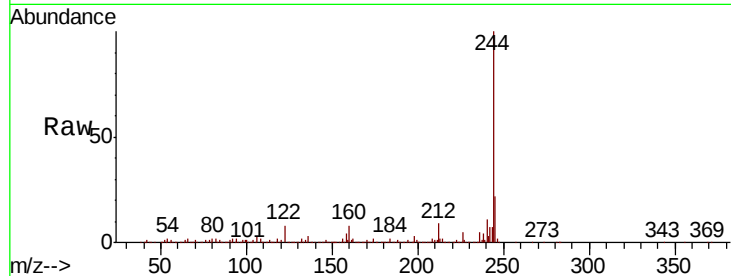
#79
 Terphenyl-d14
 Concen: 69.316 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.01 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PA-5MS

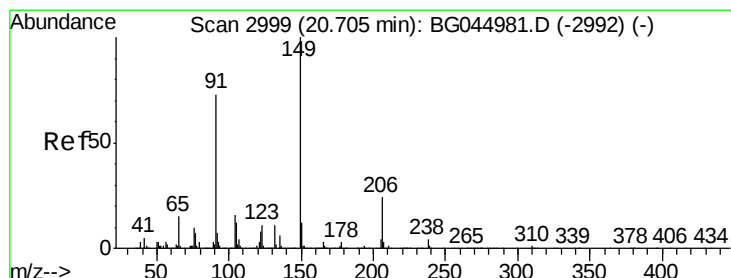
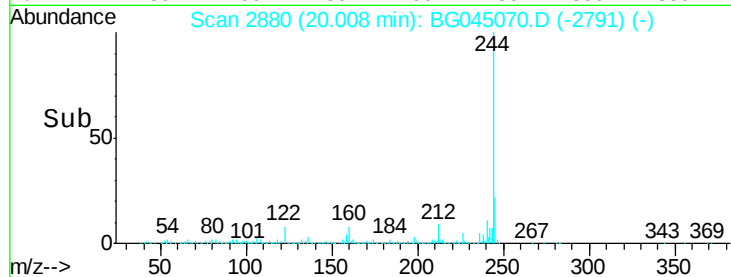
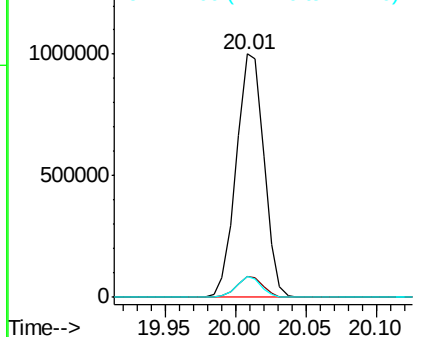
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.9	11.9
122	8.5	7.7	11.5

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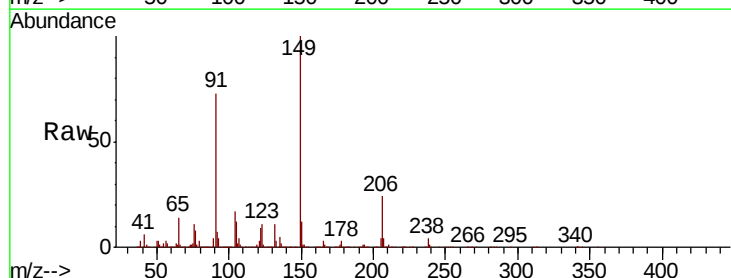


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

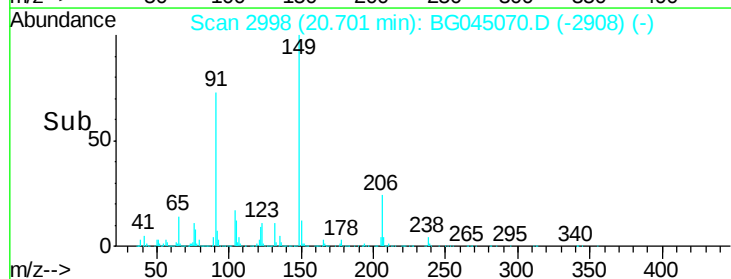
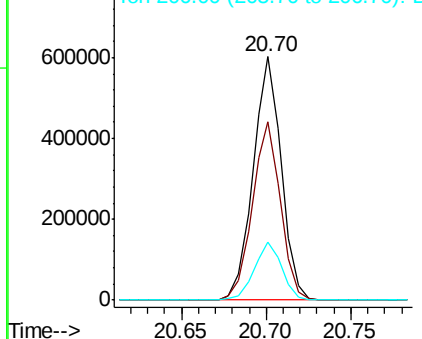


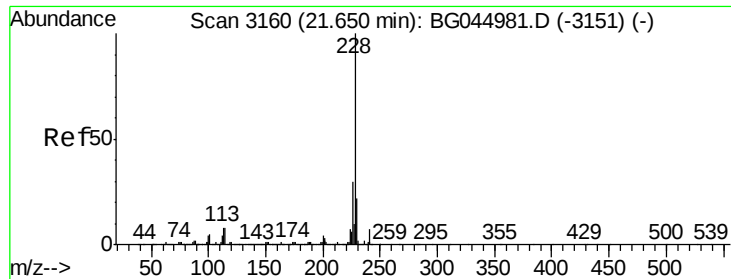
#80
 Butylbenzylphthalate
 Concen: 56.245 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.0	58.5	87.7
206	23.6	19.2	28.8



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





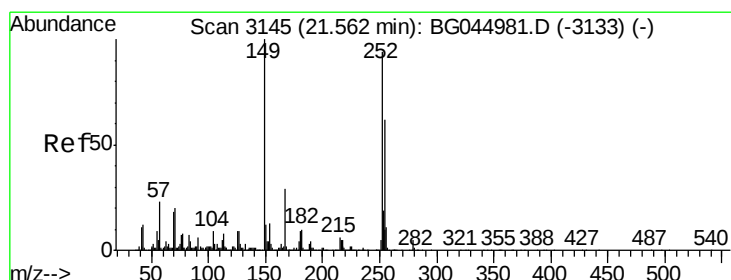
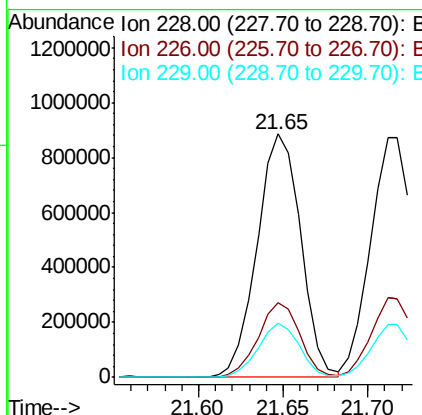
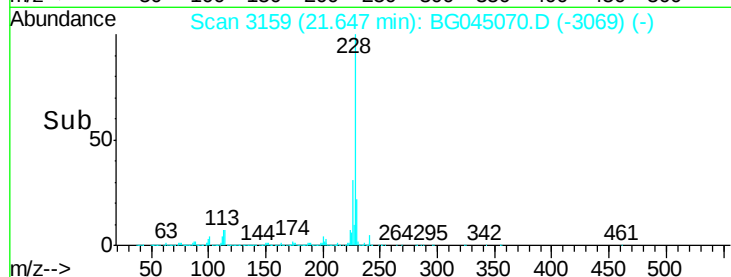
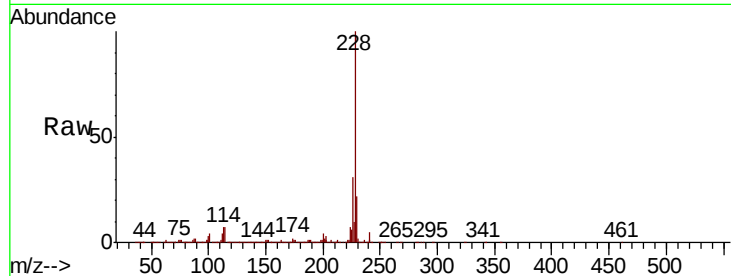
#81
Benzo(a)anthracene
Concen: 56.605 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.2	17.5	26.3

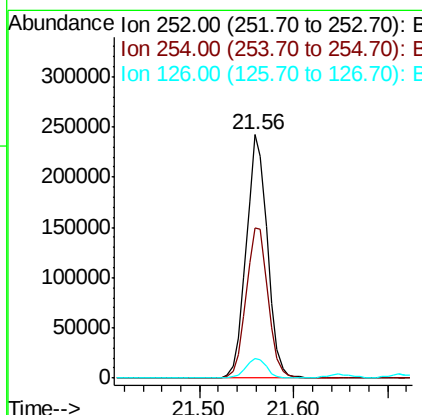
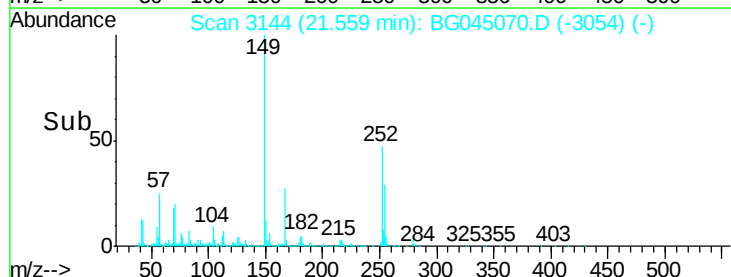
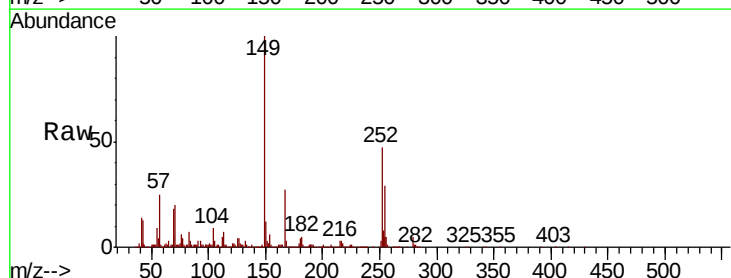
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#82
3,3'-Dichlorobenzidine
Concen: 33.847 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	52.6	79.0
126	7.9	7.5	11.3





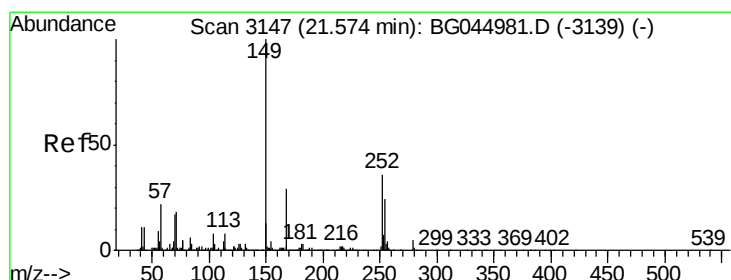
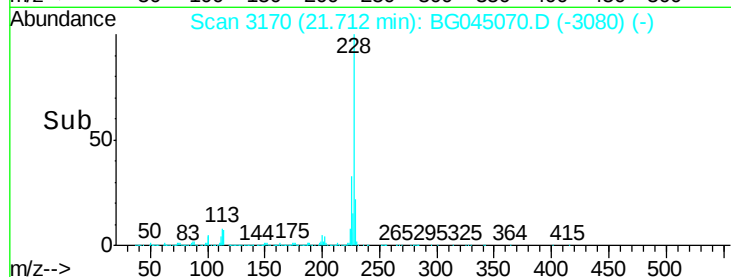
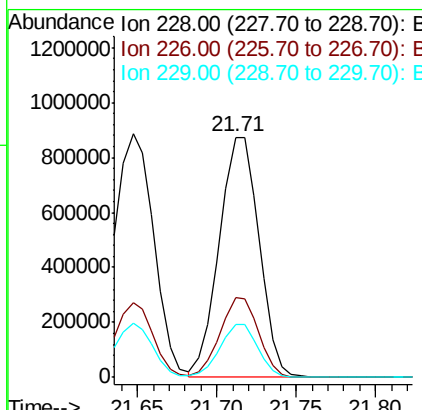
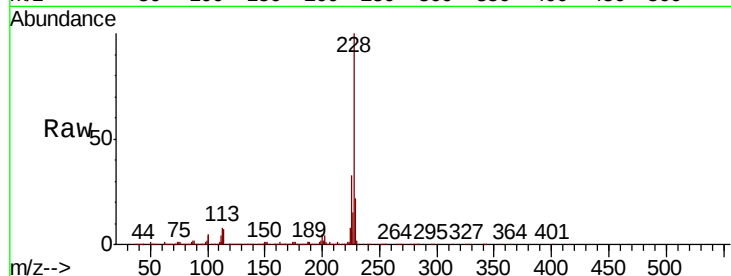
#83
 Chrysene
 Concen: 56.495 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Instrument :
 BNA_G
 ClientSampled :
 PA-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.2	39.4
229	22.1	17.0	25.6

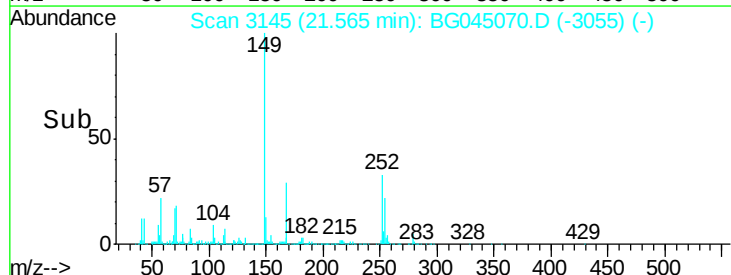
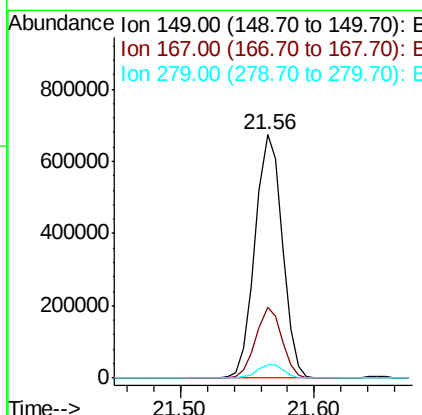
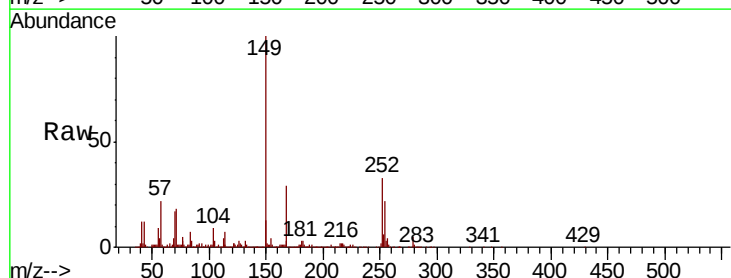
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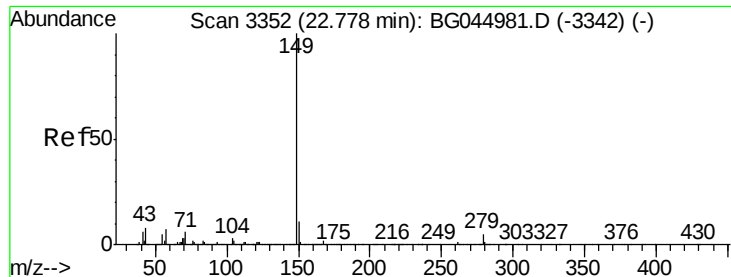
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.604 ng
 RT: 21.56 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG045070.D
 Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 55.303 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

Tot Ion:149 Resp: 1626093

Ion Ratio Lower Upper

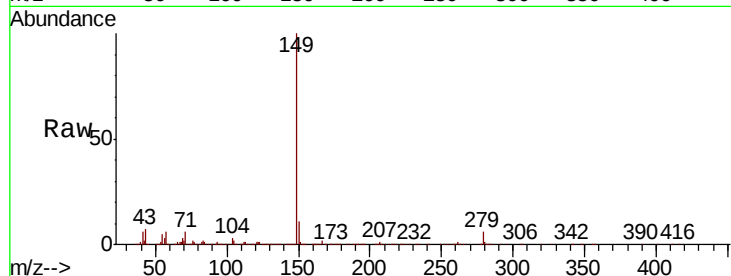
149 100

167 1.7 1.4 2.2

43 7.2 5.7 8.5

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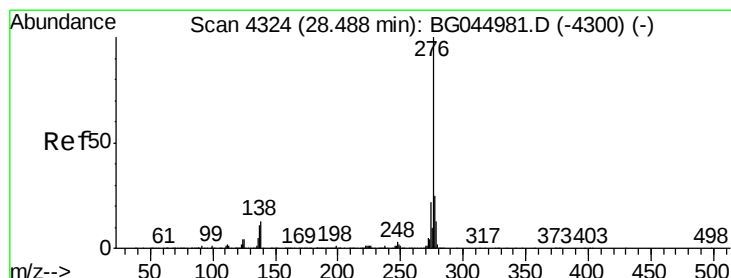
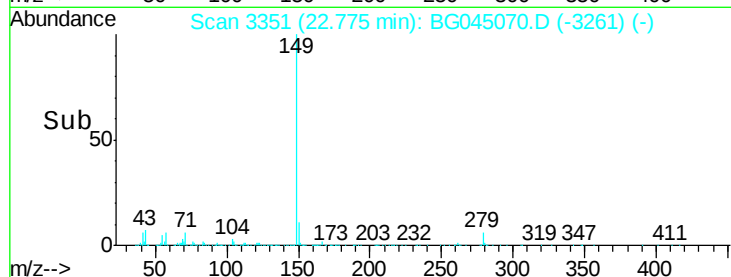
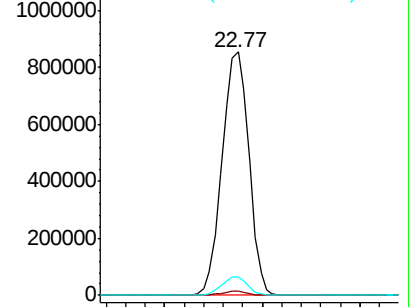
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.852 ng

RT: 28.48 min Scan# 4323

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

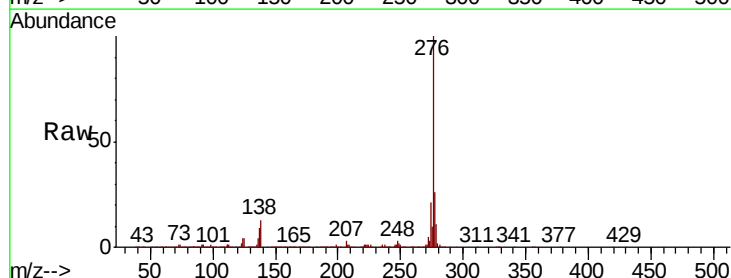
Tgt Ion:276 Resp: 2069363

Ion Ratio Lower Upper

276 100

138 8.7 9.6 14.4#

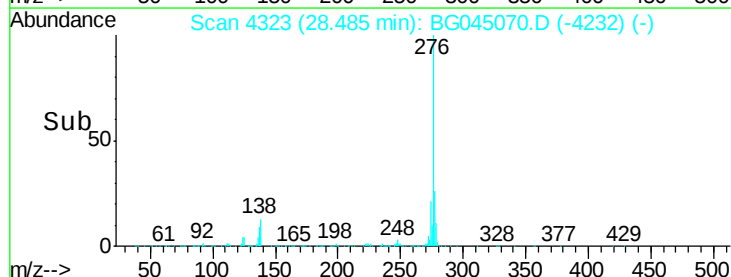
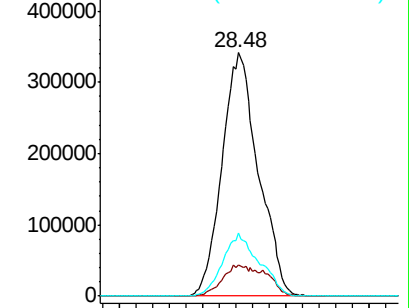
277 25.8 20.6 31.0

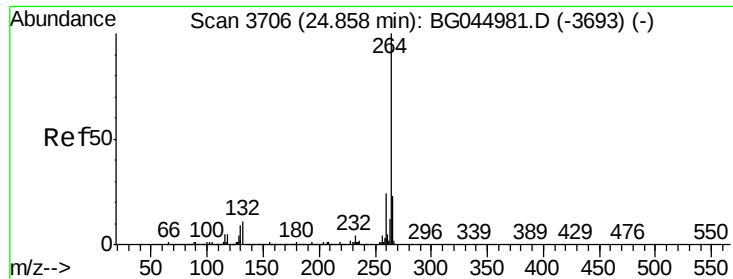


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





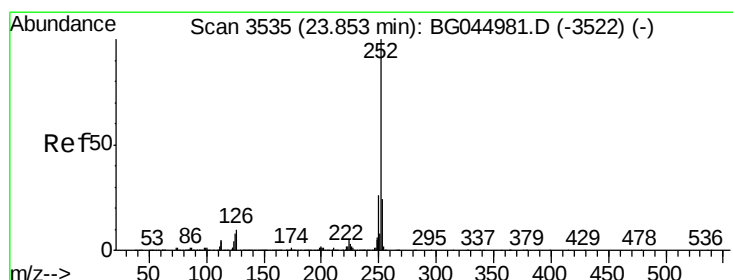
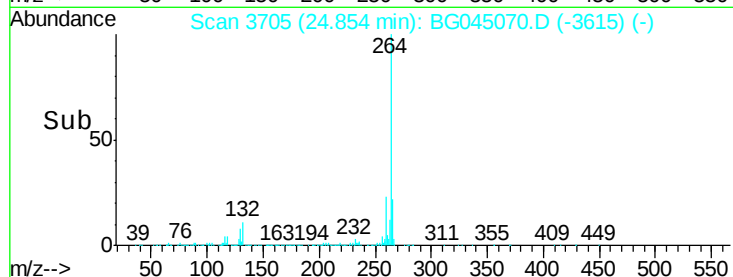
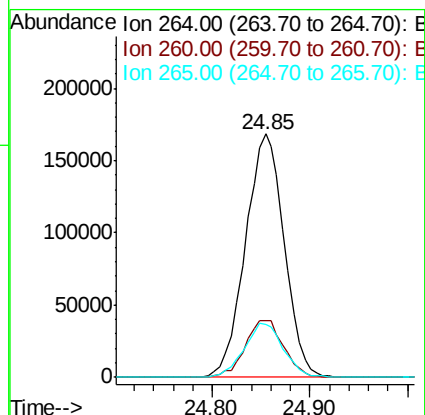
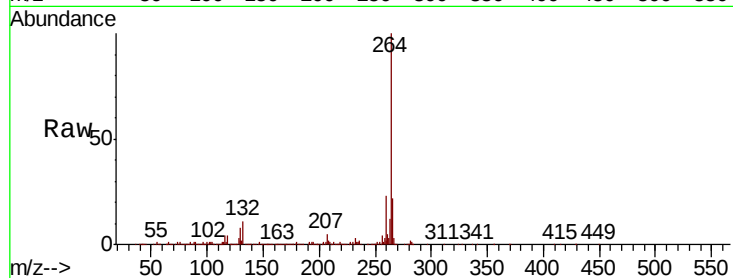
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Instrument :
BNA_G
ClientSampled :
PA-5MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	19.0	28.4

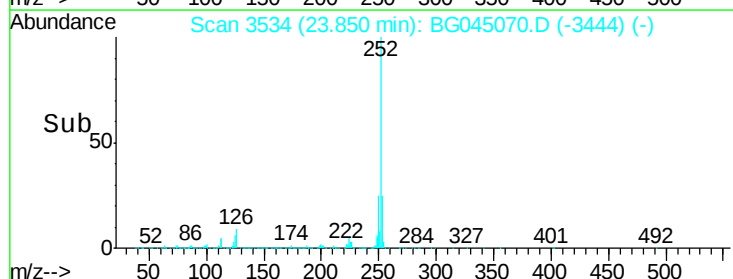
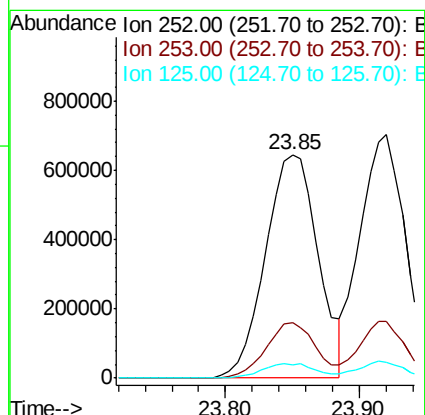
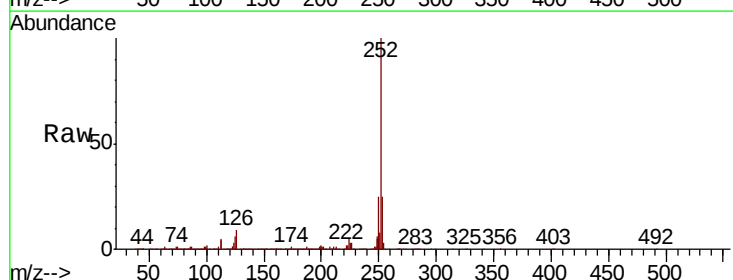
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#88
Benzo(b)fluoranthene
Concen: 60.605 ng m
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG045070.D
Acq: 18 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.8	28.2
125	6.1	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 59.187 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampleId :

PA-5MS

Tot Ion:252 Resp: 1646331

Ion Ratio Lower Upper

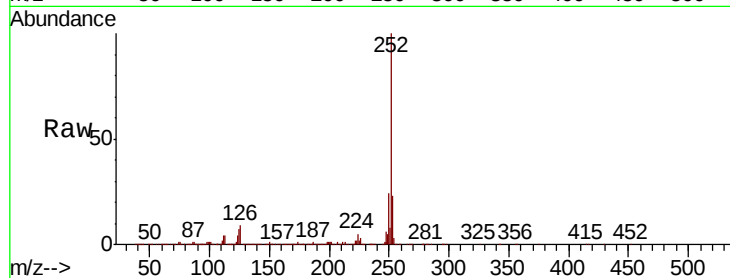
252 100

253 23.2 19.2 28.8

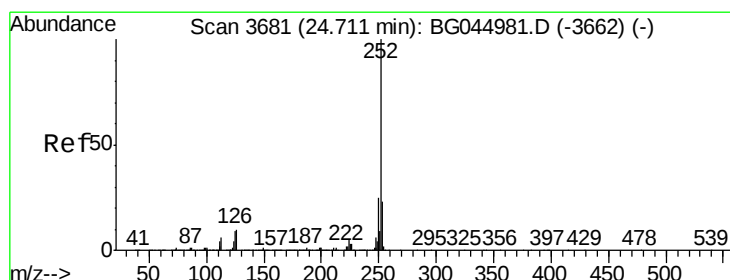
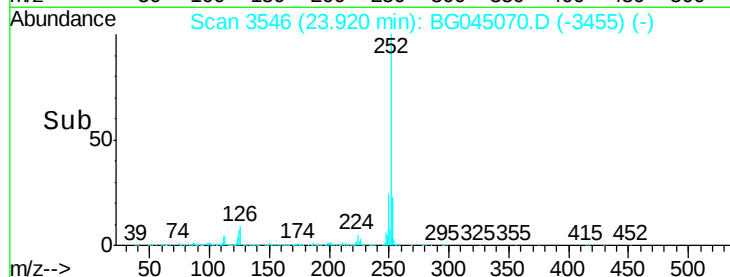
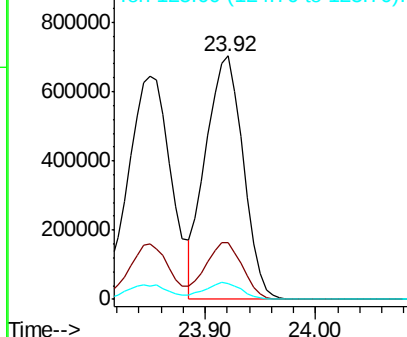
125 6.7 5.9 8.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 58.443 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

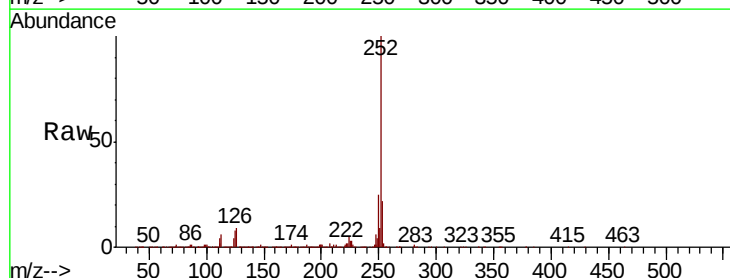
Tgt Ion:252 Resp: 1613919

Ion Ratio Lower Upper

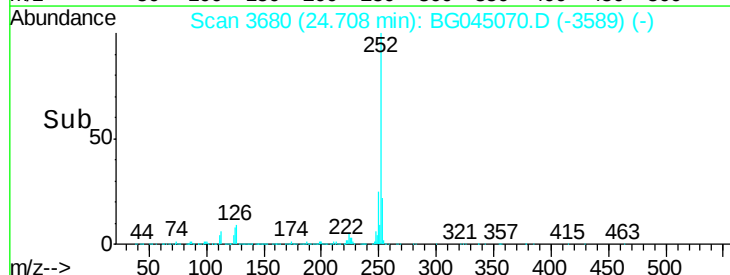
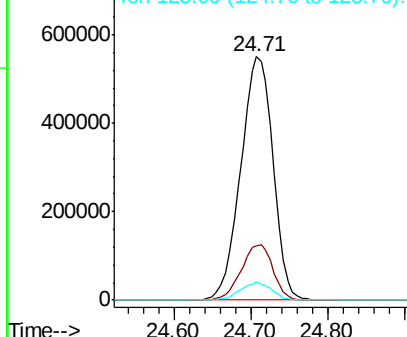
252 100

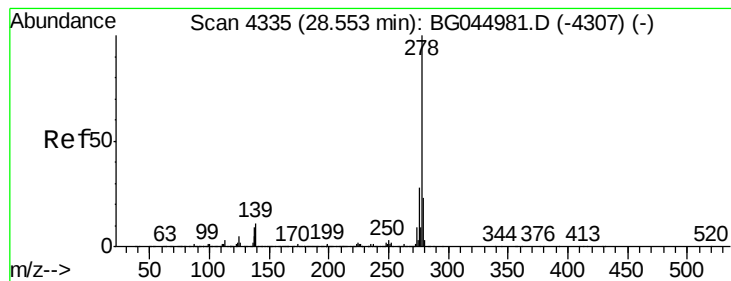
253 22.3 18.3 27.5

125 7.8 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 60.304 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

Instrument :

BNA_G

ClientSampled :

PA-5MS

Tot Ion:278 Resp: 1678037

Ion Ratio Lower Upper

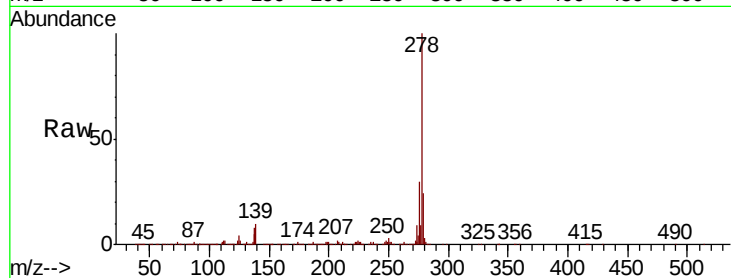
278 100

139 10.4 9.0 13.6

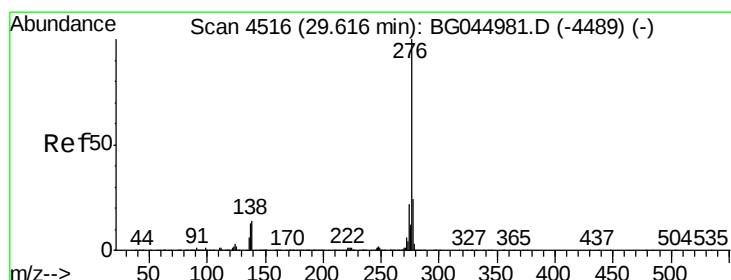
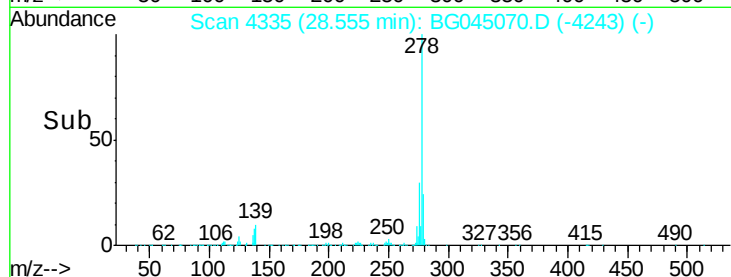
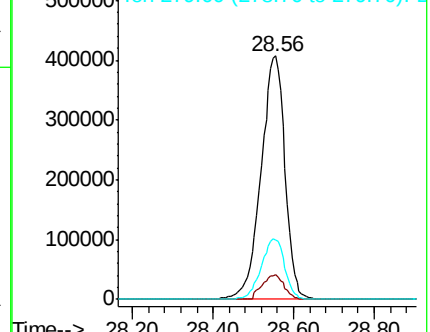
279 24.4 18.4 27.6

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.410 ng

RT: 29.62 min Scan# 4516

Delta R.T. 0.01 min

Lab File: BG045070.D

Acq: 18 Apr 2020 17:03

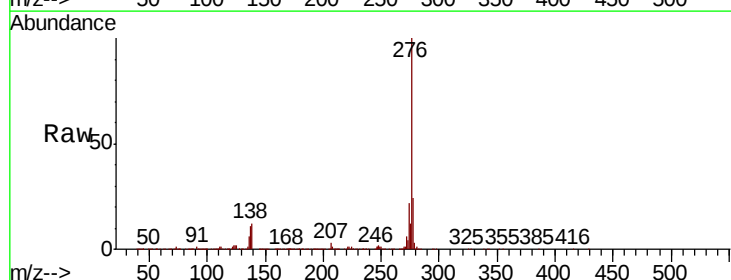
Tgt Ion:276 Resp: 1713194

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 11.6 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

