

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046678.D
 Acq On : 18 Sep 2020 20:47
 Operator : CG/JU
 Sample : L4038-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:33:46 AM

Quant Time: Sep 21 08:36:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	77409	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	320259	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219237	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	481847	20.00	ng	0.00
76) Chrysene-d12	21.55	240	450677	20.00	ng	0.00
86) Perylene-d12	24.64	264	455319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	468319	107.16	ng	0.00
7) Phenol-d6	7.10	99	604283	97.53	ng	0.00
23) Nitrobenzene-d5	9.08	82	424690	75.79	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	280960	94.58	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1091352	75.99	ng	0.00
79) Terphenyl-d14	19.91	244	1656301	78.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	60761	33.417	ng	# 38
3) Pyridine	3.83	79	169174	31.800	ng	98
4) n-Nitrosodimethylamine	3.73	42	83569	42.591	ng	93
6) Aniline	7.25	93	109610	15.722	ng	97
8) 2-Chlorophenol	7.49	128	218368	47.274	ng	96
9) Benzaldehyde	7.06	77	73750	21.247	ng	96
10) Phenol	7.13	94	235814	41.324	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	200720	43.760	ng	97
12) 1,3-Dichlorobenzene	7.81	146	212487	36.232	ng	97
13) 1,4-Dichlorobenzene	7.96	146	214576	36.547	ng	99
14) 1,2-Dichlorobenzene	8.28	146	213899	37.995	ng	97
15) Benzyl Alcohol	8.16	79	195417	49.128	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	307528	43.224	ng	98
17) 2-Methylphenol	8.37	107	190113	46.977	ng	98
18) Hexachloroethane	9.00	117	69944	35.135	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	166482	44.923	ng	99
20) 3+4-Methylphenols	8.70	107	255525	45.745	ng	97
22) Acetophenone	8.74	105	318715	40.883	ng	# 98
24) Nitrobenzene	9.12	77	239713	43.303	ng	98
25) Isophorone	9.64	82	464072	45.174	ng	100
26) 2-Nitrophenol	9.83	139	129940	44.489	ng	98
27) 2,4-Dimethylphenol	9.90	122	212271	52.841	ng	97
28) bis(2-Chloroethoxy)methane	10.12	93	279049	42.202	ng	100
29) 2,4-Dichlorophenol	10.37	162	243610	45.491	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	241758	38.049	ng	99
31) Naphthalene	10.77	128	643006	41.121	ng	99
33) 4-Chloroaniline	10.88	127	24979	3.623	ng	93
34) Hexachlorobutadiene	11.06	225	151736	36.787	ng	100
35) Caprolactam	11.65	113	63702	31.823	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	240804	45.975	ng	97
37) 2-Methylnaphthalene	12.38	142	518083	42.009	ng	100
38) 1-Methylnaphthalene	12.59	142	491490	42.073	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	313148	43.315	ng	99
41) Hexachlorocyclopentadiene	12.73	237	236717	75.301	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.99	196	215431	44.157	nq	98
44) 2,4,5-Trichlorophenol	13.07	196	226536	44.194	nq	97
46) 1,1'-Biphenyl	13.39	154	679820	44.569	nq	99
47) 2-Chloronaphthalene	13.43	162	536851	41.511	nq	98
48) 2-Nitroaniline	13.63	65	151571	42.207	nq	98
49) Acenaphthylene	14.27	152	841558	42.898	nq	99
50) Dimethylphthalate	14.01	163	687501	40.534	nq	100
51) 2,6-Dinitrotoluene	14.13	165	159562	42.677	nq	99
52) Acenaphthene	14.62	154	514644	42.334	nq	100
53) 3-Nitroaniline	14.46	138	62401	15.408	nq	99
54) 2,4-Dinitrophenol	14.69	184	6779	3.106	nq	# 84
55) Dibenzofuran	14.95	168	825941	42.335	nq	99
56) 4-Nitrophenol	14.78	139	104153	34.944	nq	94
57) 2,4-Dinitrotoluene	14.92	165	219926	41.253	nq	99
58) Fluorene	15.60	166	682211	41.663	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	164560m	33.060	nq	
60) Diethylphthalate	15.37	149	658873	39.842	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	370685	41.105	nq	99
62) 4-Nitroaniline	15.62	138	147766	34.579	nq	99
63) Azobenzene	15.88	77	569905	42.366	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	25385	9.308	nq	97
66) n-Nitrosodiphenylamine	15.81	169	603909	46.457	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	255477	45.446	nq	97
68) Hexachlorobenzene	16.61	284	263701	42.356	nq	97
69) Atrazine	16.75	200	171627	32.364	nq	99
70) Pentachlorophenol	16.96	266	46120	14.178	nq	94
71) Phenanthrene	17.34	178	1038481	42.520	nq	99
72) Anthracene	17.43	178	1063958	44.153	nq	100
73) Carbazole	17.70	167	961855	42.277	nq	99
74) Di-n-butylphthalate	18.26	149	1075631	41.115	nq	100
75) Fluoranthene	19.35	202	1242328	39.526	nq	99
77) Benzidine	19.54	184	31527	3.010	nq	# 94
78) Pyrene	19.71	202	1259706	43.894	nq	99
80) Butylbenzylphthalate	20.60	149	480232	42.900	nq	99
81) Benzo(a)anthracene	21.53	228	1207519	42.987	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	176076	16.890	nq	98
83) Chrysene	21.59	228	1166243	43.161	nq	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	683774	44.760	nq	99
85) Di-n-octyl phthalate	22.61	149	1157820	44.264	nq	98
87) Indeno(1,2,3-cd)pyrene	28.16	276	1438135	43.977	nq	# 91
88) Benzo(b)fluoranthene	23.67	252	1236473	43.491	nq	100
89) Benzo(k)fluoranthene	23.73	252	1187833	43.230	nq	99
90) Benzo(a)pyrene	24.50	252	1105739	41.676	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	1189029	45.057	nq	100
92) Benzo(g,h,i)perylene	29.26	276	1216329	46.157	nq	99

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

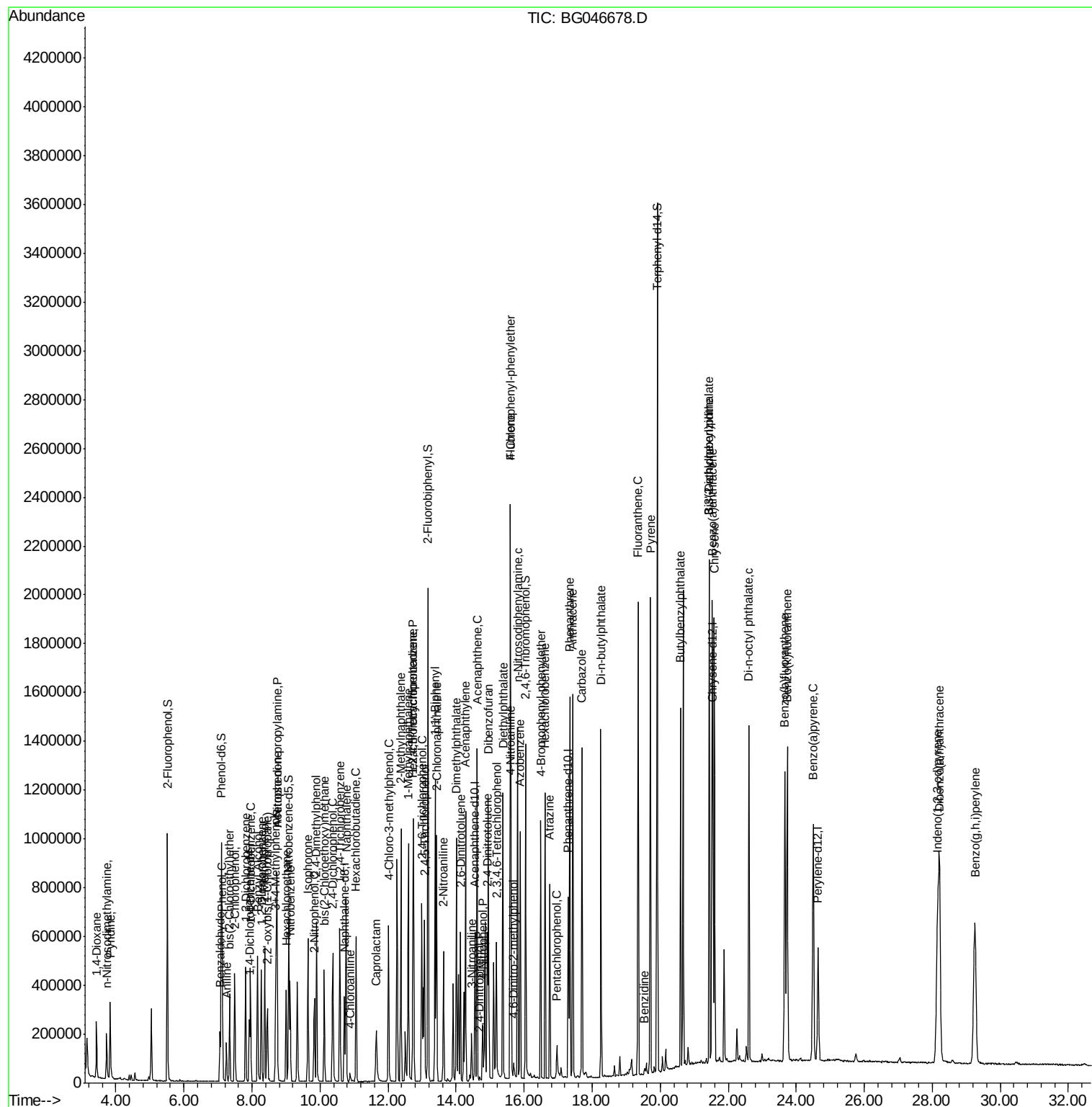
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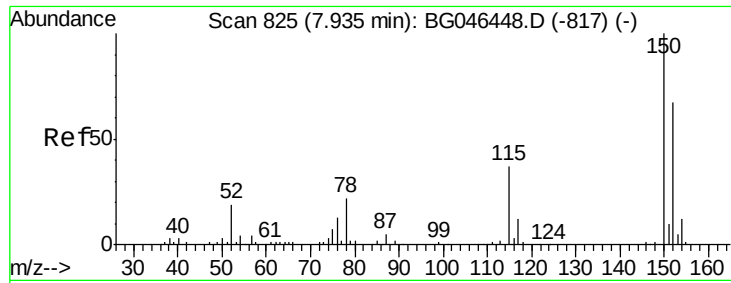
Instrument :
BNA_G
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PAV-B36-091620-0-10MSD

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#1

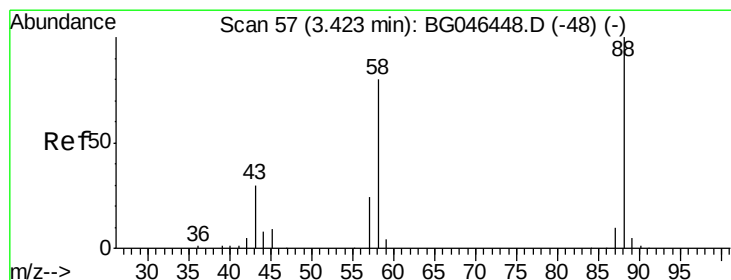
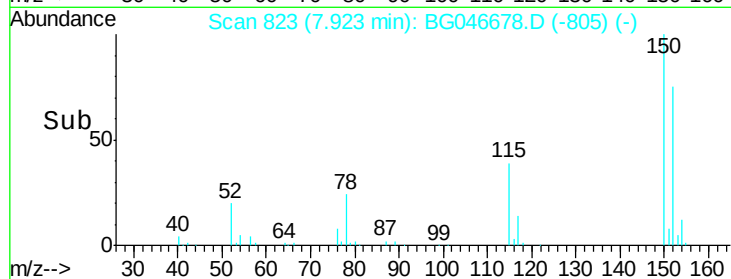
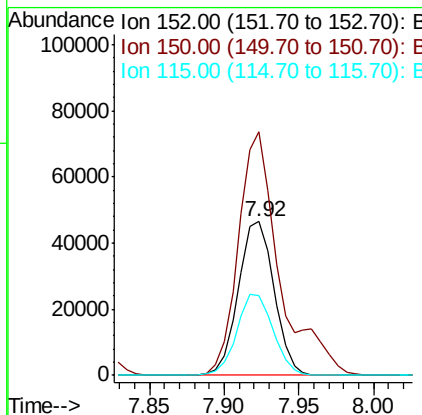
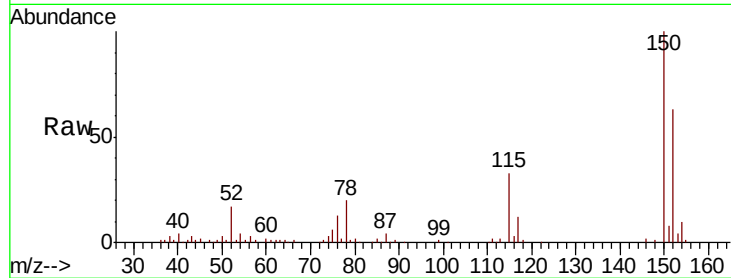
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.0	187.6
115	52.4	41.8	62.6

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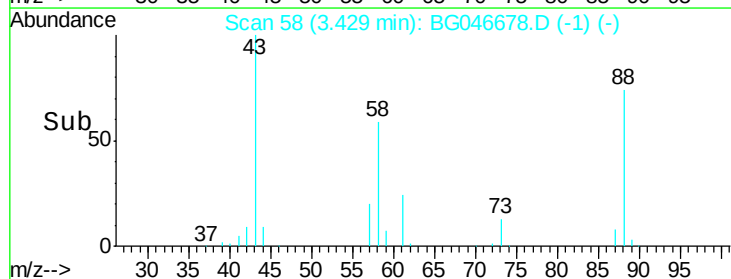
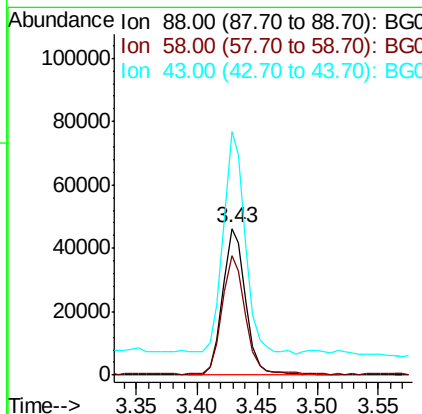
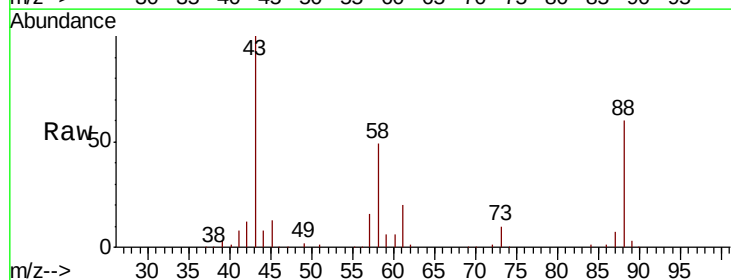
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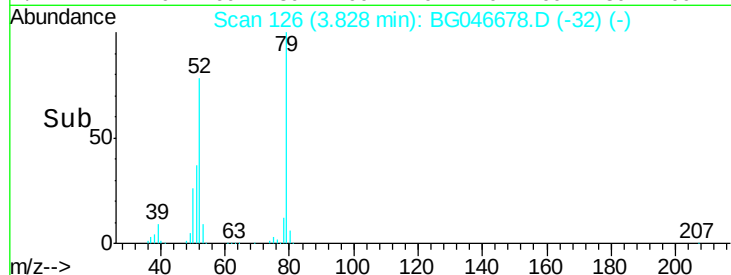
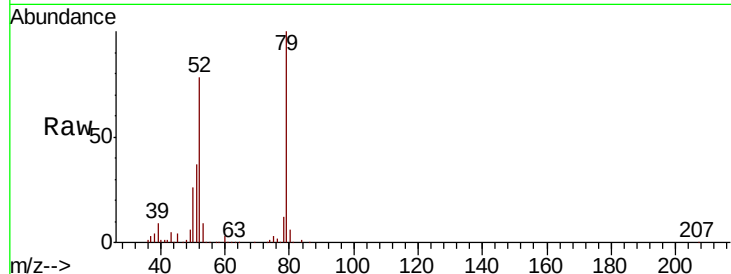
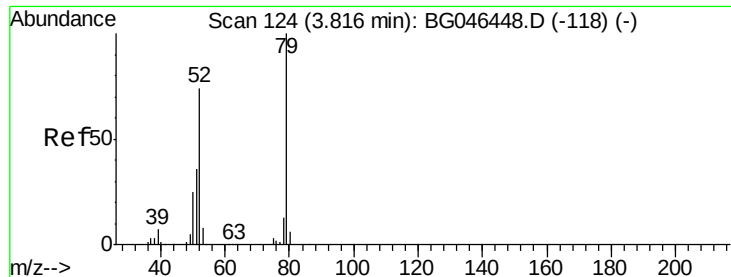


#2

1,4-Dioxane
Concen: 33.417 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.02 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	61.6	92.4
43	145.7	21.3	31.9#





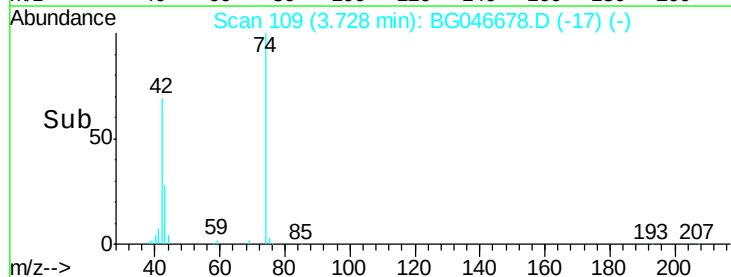
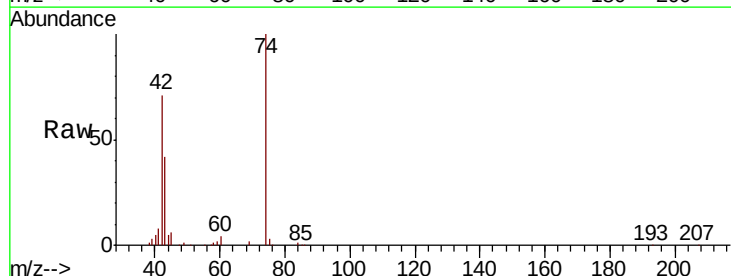
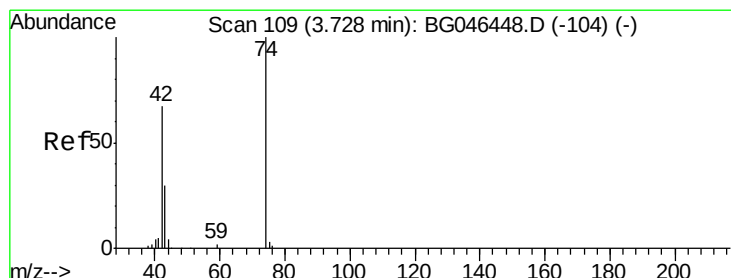
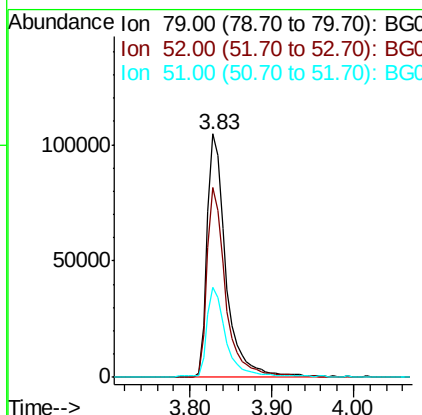
#3
 Pvridine
 Concen: 31.800 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.9	61.3	91.9
51	37.1	28.4	42.6

Instrument :
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 ClientSampleId :
 PAV-B36-091620-0-10MSD

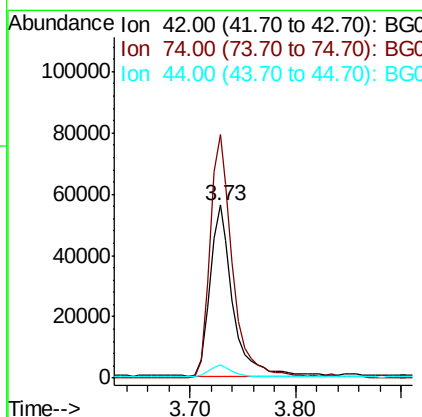
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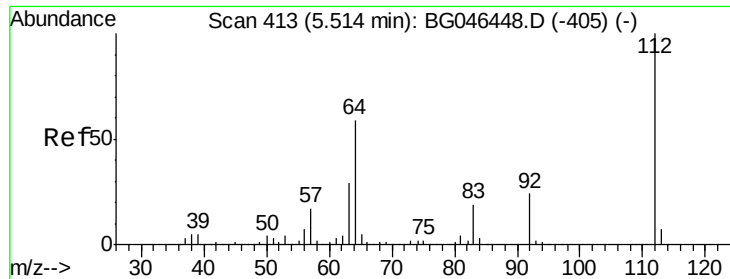
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#4
 n-Nitrosodimethylamine
 Concen: 42.591 ng
 RT: 3.73 min Scan# 109
 Delta R.T. 0.01 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.7	120.4	180.6
44	7.6	6.2	9.2





#5

2-Fluorophenol

Concen: 107.155 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

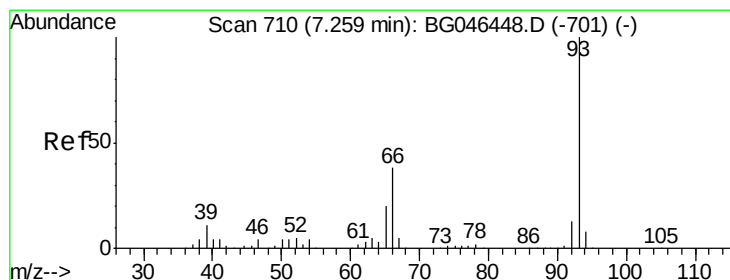
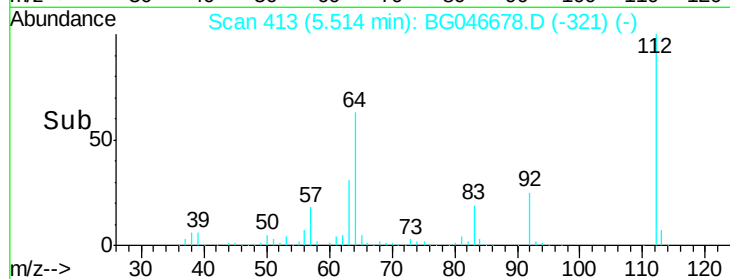
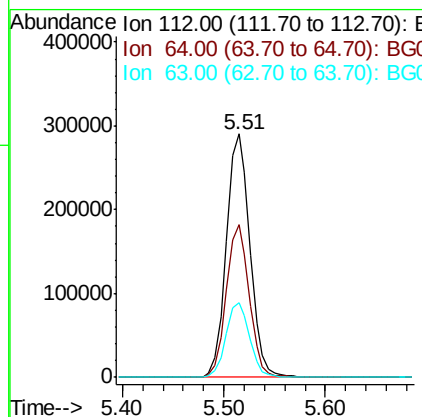
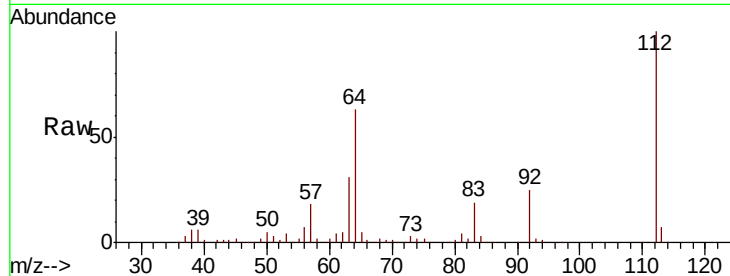
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	112	Resp:	468319
Ion Ratio	Lower	Upper	
112	100		
64	62.7	46.7	70.1
63	30.9	22.8	34.2

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#6

Aniline

Concen: 15.722 ng

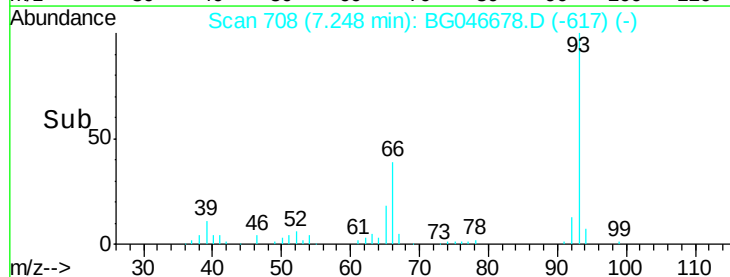
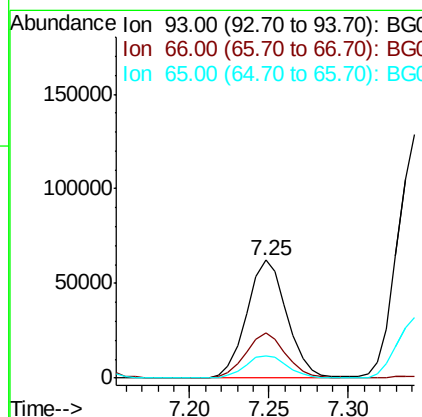
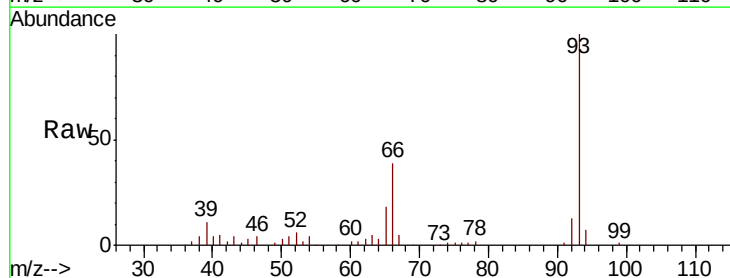
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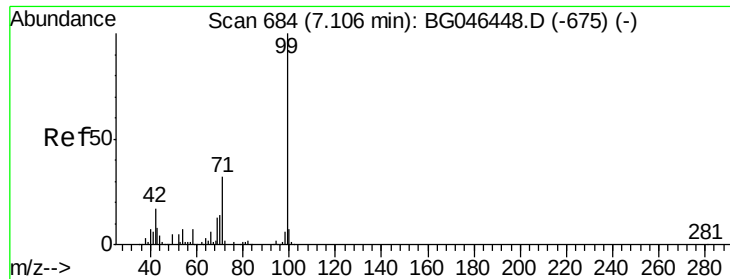
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	93	Resp:	109610
Ion Ratio	Lower	Upper	
93	100		
66	38.9	29.5	44.3
65	18.5	15.5	23.3





#7

Phenol-d6

Concen: 97.534 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

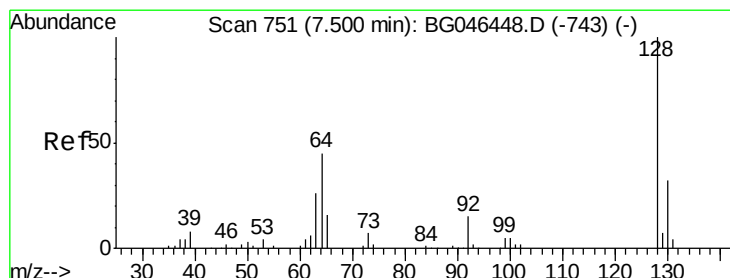
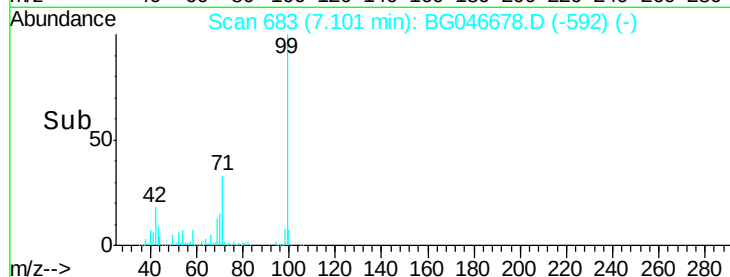
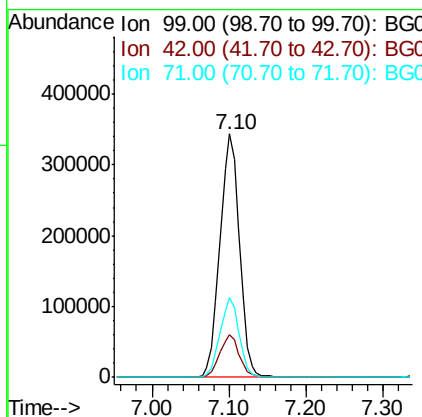
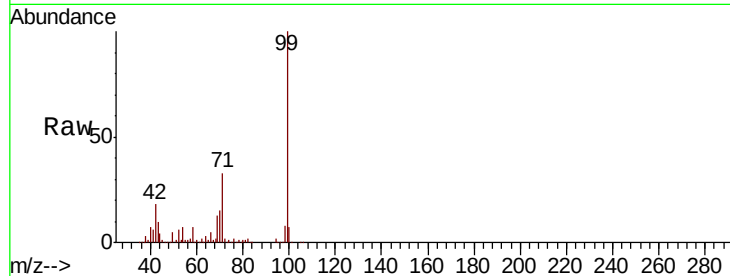
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		604283		
42	17.6	12.8	19.2		
71	32.6	24.6	36.8		

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#8

2-Chlorophenol

Concen: 47.274 ng

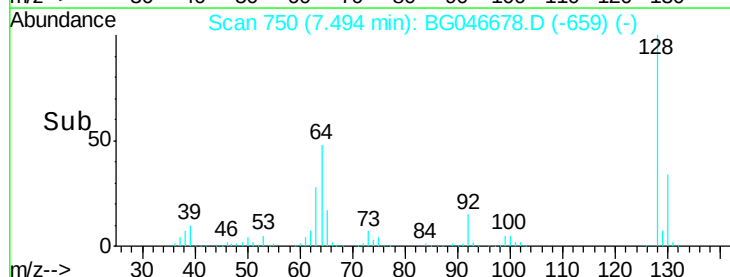
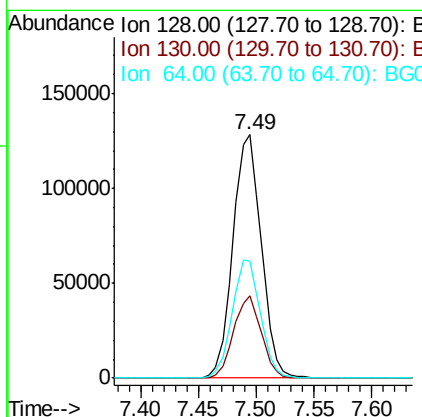
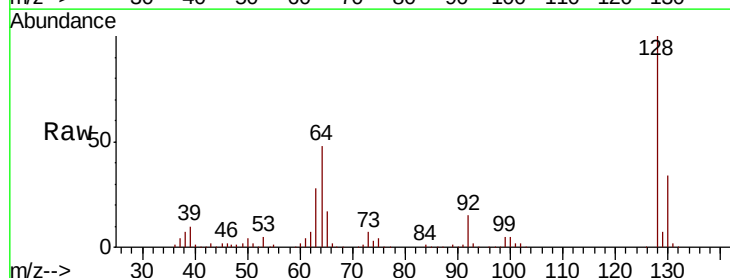
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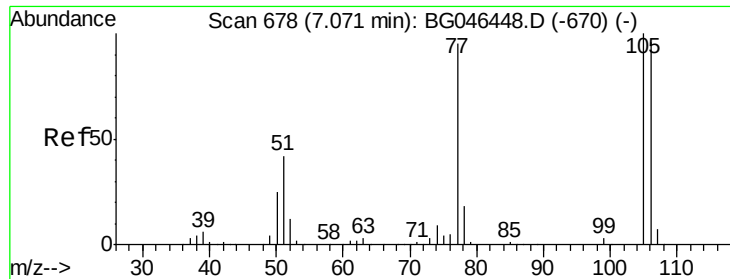
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		218368		
130	33.9	12.6	52.6		
64	48.0	24.8	64.8		





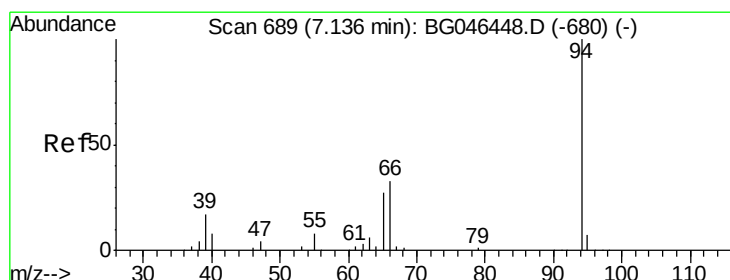
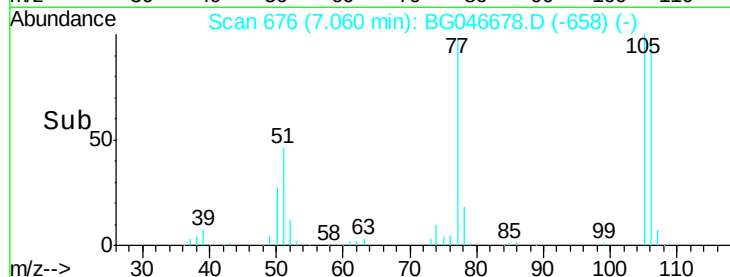
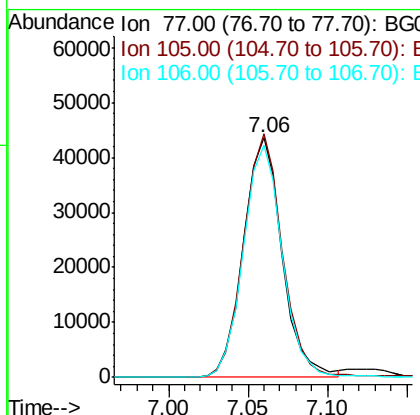
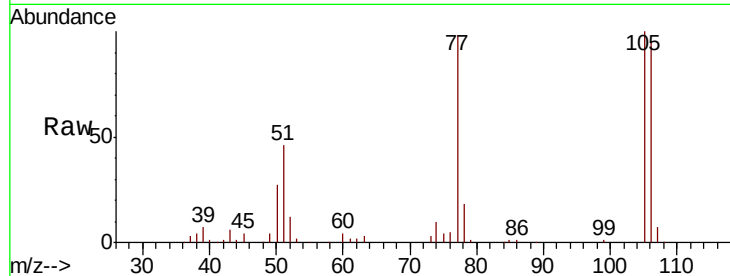
#9
Benzaldehyde
Concen: 21.247 ng
RT: 7.06 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG046678.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	85.9	125.9
106	96.7	80.9	120.9

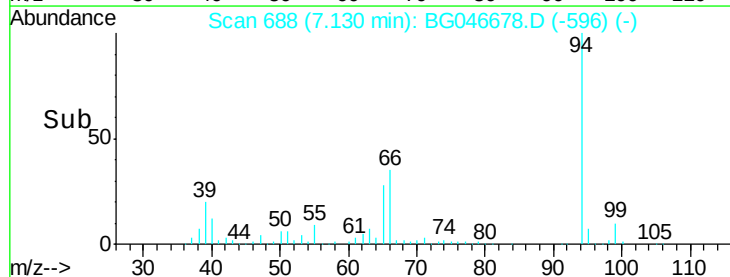
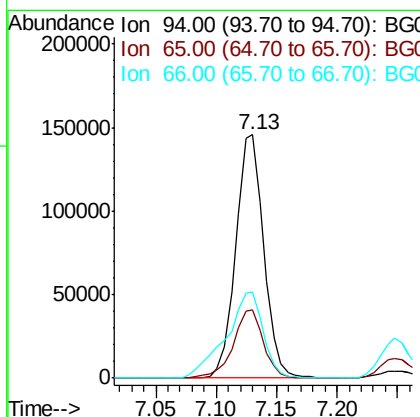
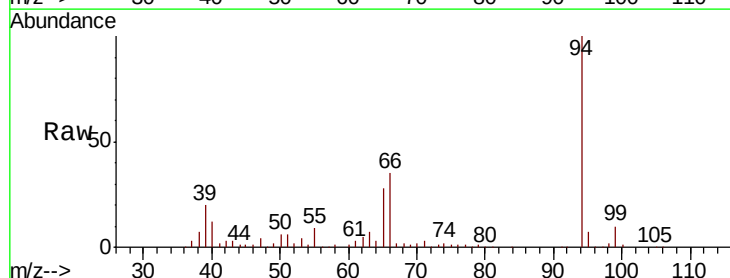
Manual Integrations
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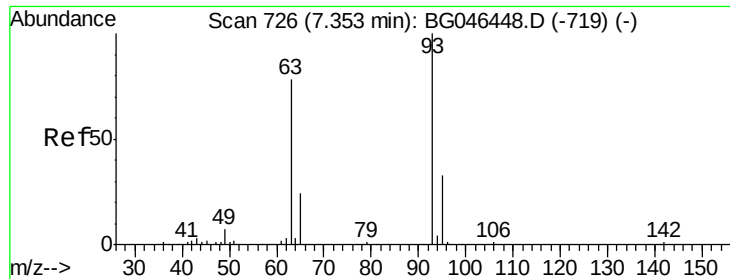
mohammad
9/21/2020 10:33:46 AM



#10
Phenol
Concen: 41.324 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.6	46.6
66	35.2	13.9	53.9





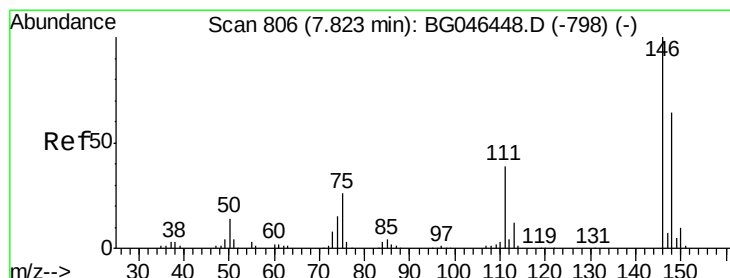
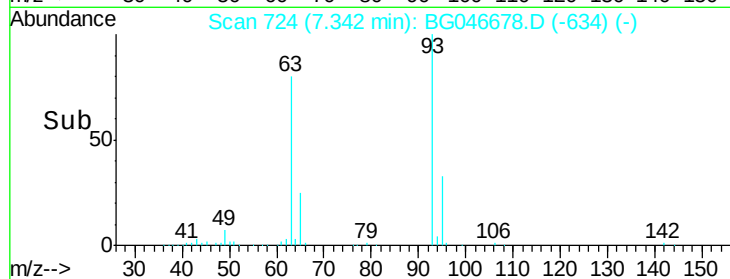
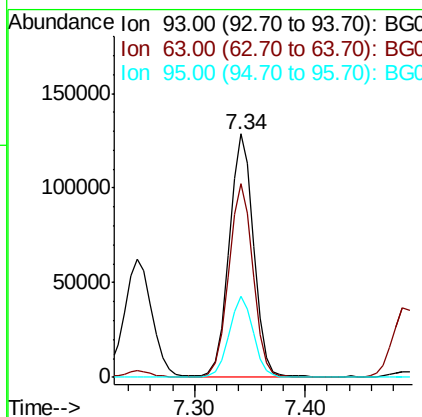
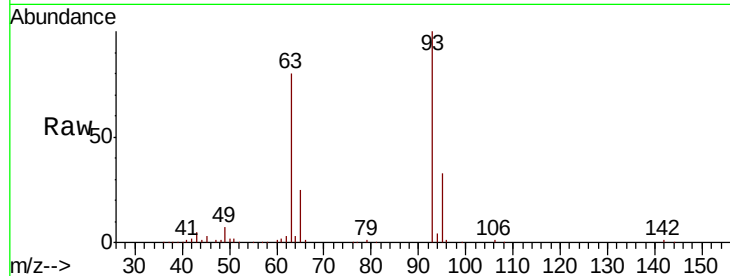
#11
bis(2-Chloroethyl)ether
Concen: 43.760 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	93	Resp	200720
Ion	Ratio	Lower	Upper
93	100		
63	79.5	56.4	96.4
95	33.5	13.8	53.8

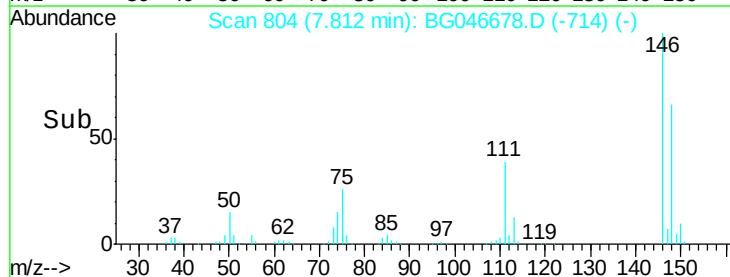
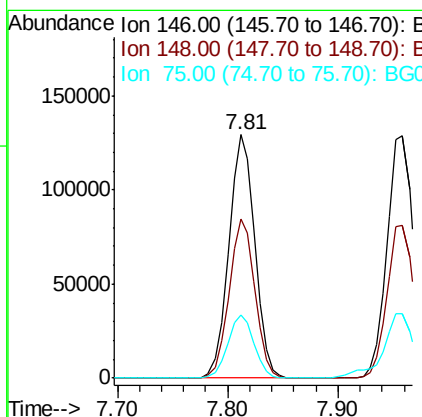
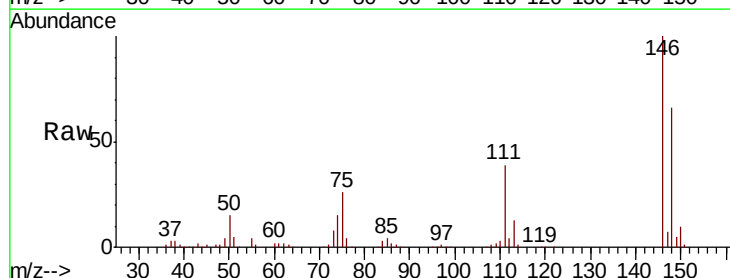
Manual Integrations
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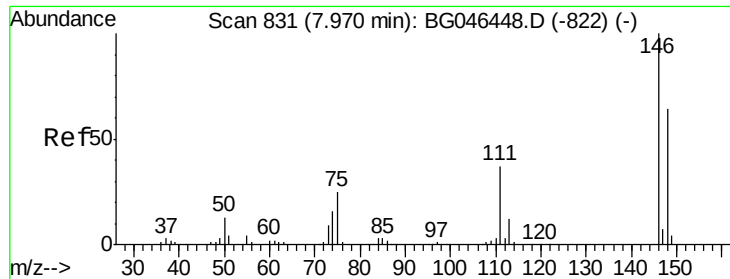
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.232 ng
RT: 7.81 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	146	Resp	212487
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.1	75.1
75	25.8	20.1	30.1





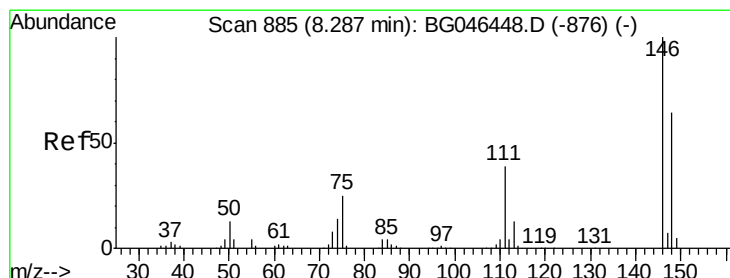
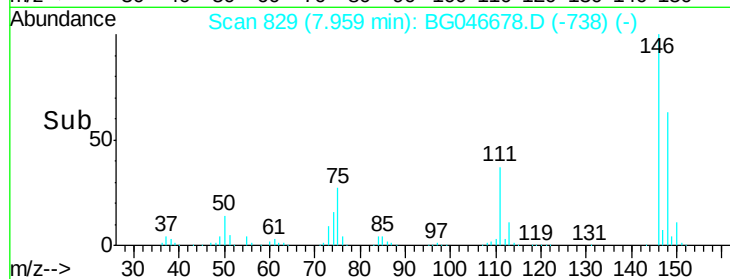
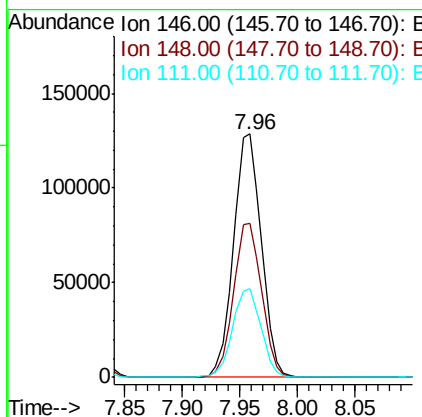
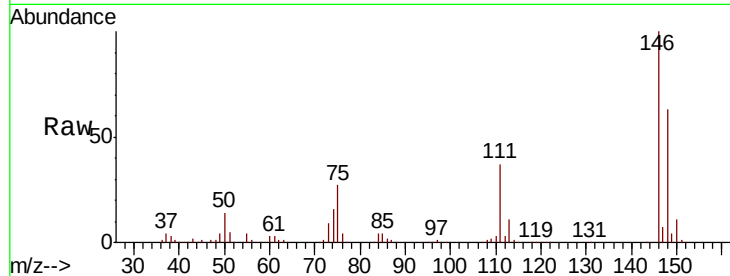
#13
 1,4-Dichlorobenzene
 Concen: 36.547 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	36.7	29.7	44.5

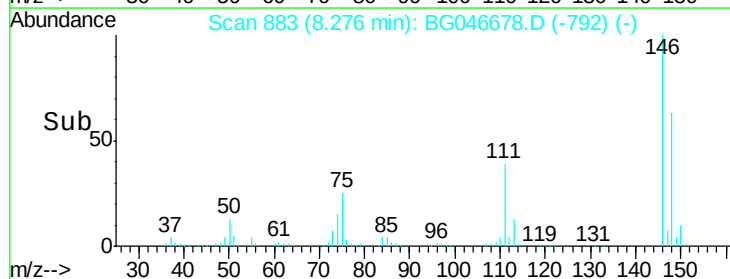
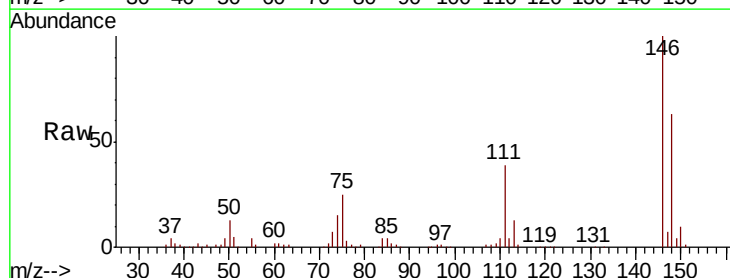
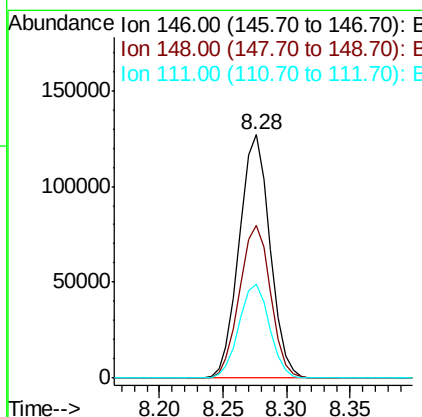
Manual Integrations
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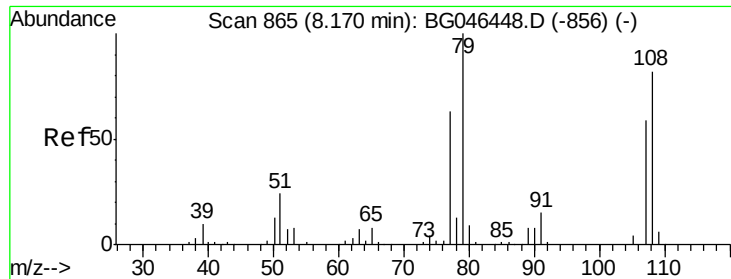
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.995 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.0	79.6
111	38.8	30.7	46.1





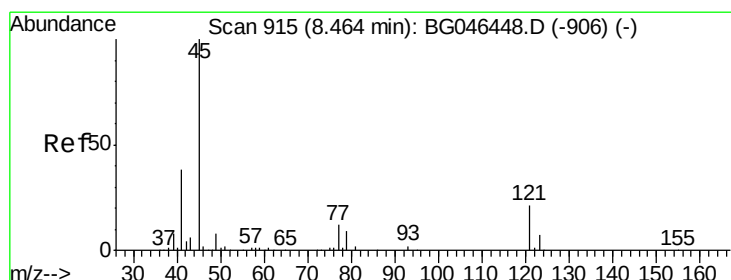
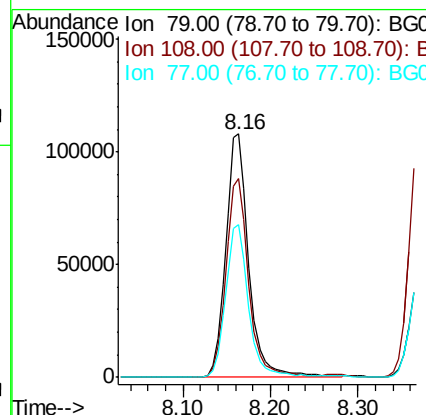
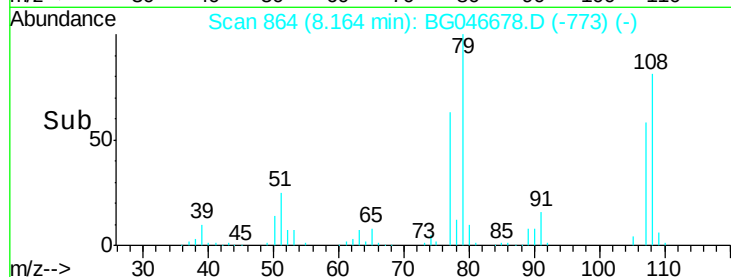
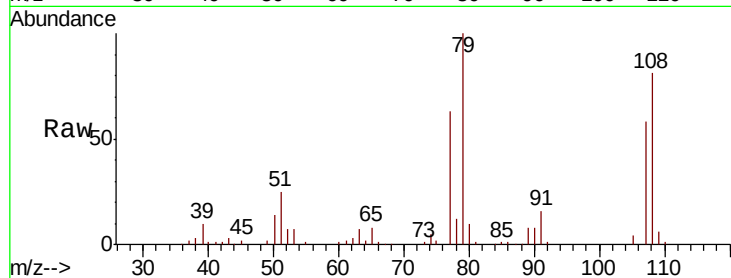
#15
Benzyl Alcohol
Concen: 49.128 ng
RT: 8.16 min Scan# 864
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	195417		
108	81.4	65.5	98.3	
77	62.5	50.1	75.1	

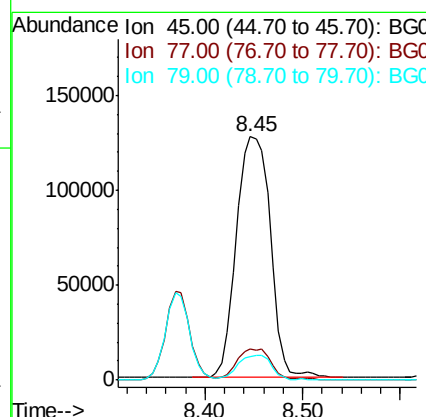
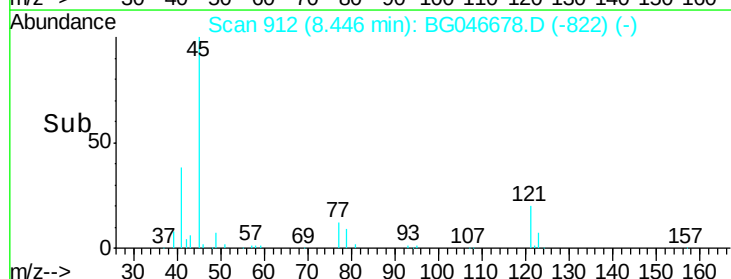
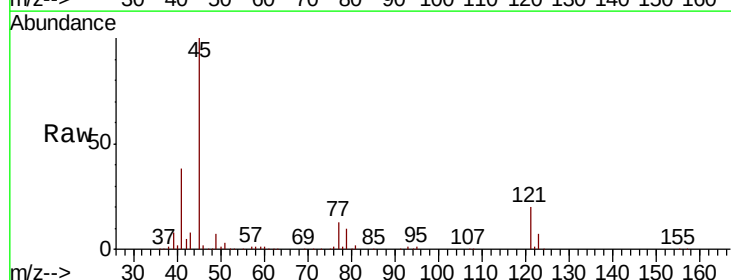
Manual Integrations
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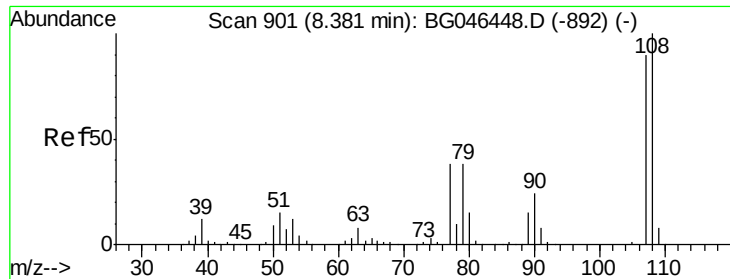
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.224 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	307528		
77	13.0	0.0	33.4	
79	9.6	0.0	30.8	





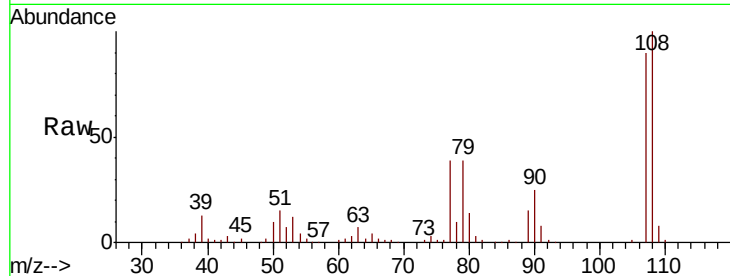
#17
2-Methylphenol
Concen: 46.977 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

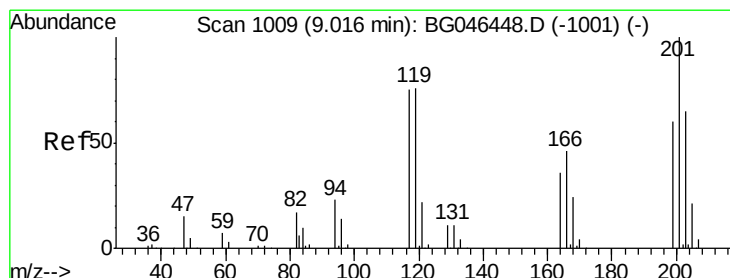
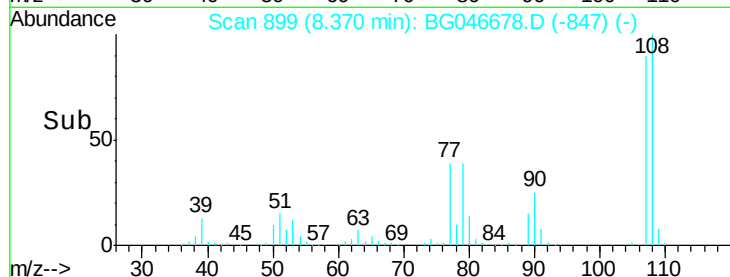
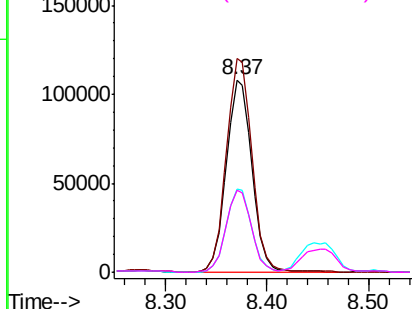
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	87.2	130.8	
77	43.3	33.8	50.8	
79	42.9	32.7	49.1	

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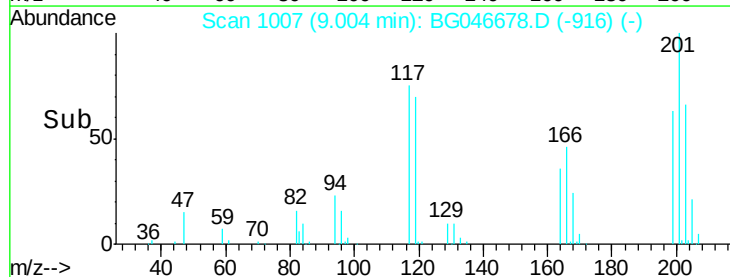
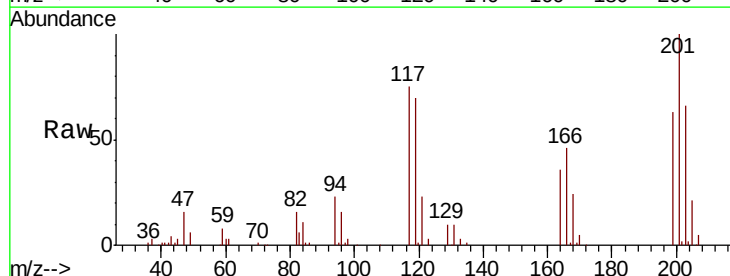
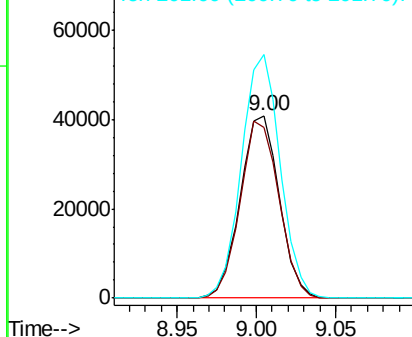
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

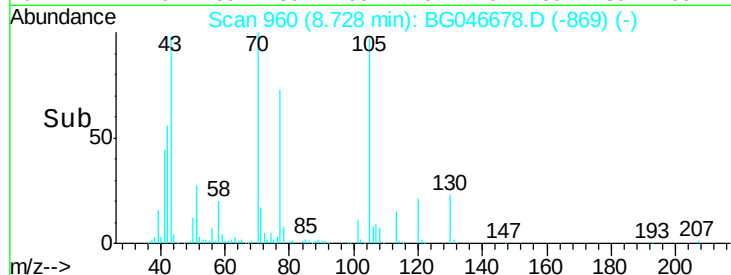
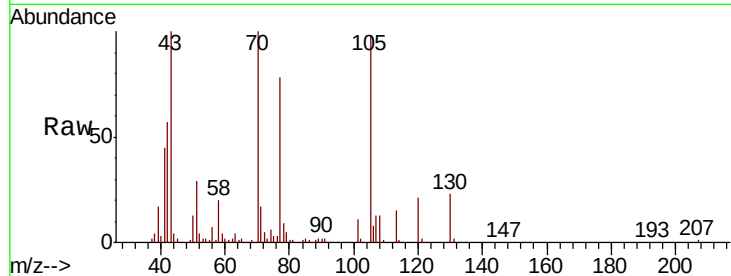
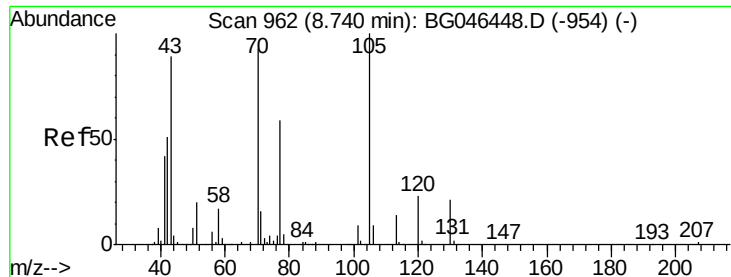


#18
Hexachloroethane
Concen: 35.135 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	77.5	116.3	
201	133.4	104.9	157.3	

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





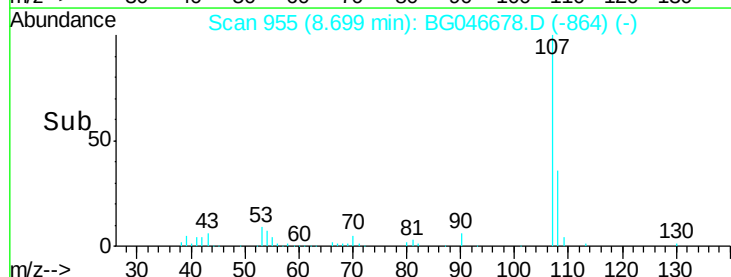
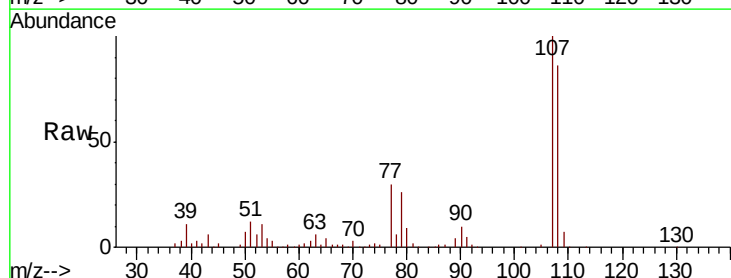
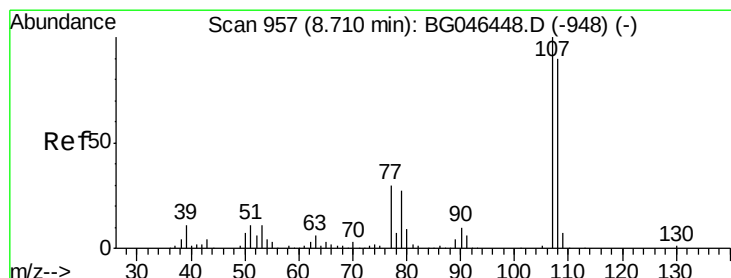
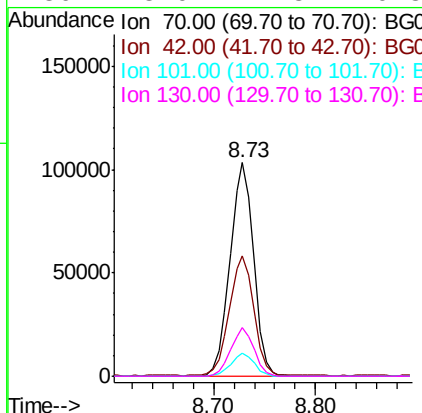
#19
n-Nitroso-di-n-propylamine
Concen: 44.923 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	45.6	68.4	
101	10.9	8.4	12.6	
130	23.0	17.8	26.8	

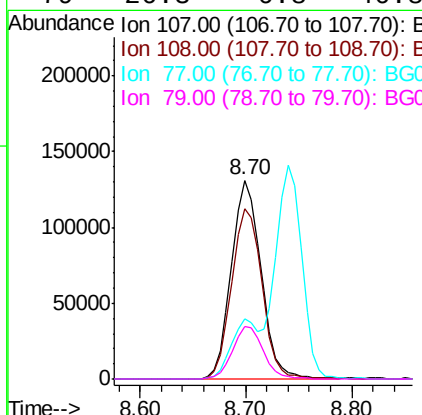
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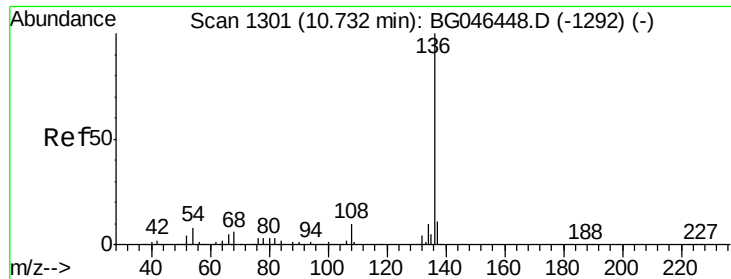
mohammad
9/21/2020 10:33:46 AM



#20
3+4-Methylphenols
Concen: 45.745 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	70.6	110.6	
77	30.3	10.2	50.2	
79	26.3	6.8	46.8	





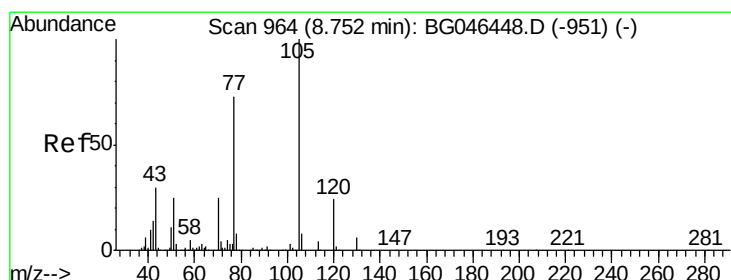
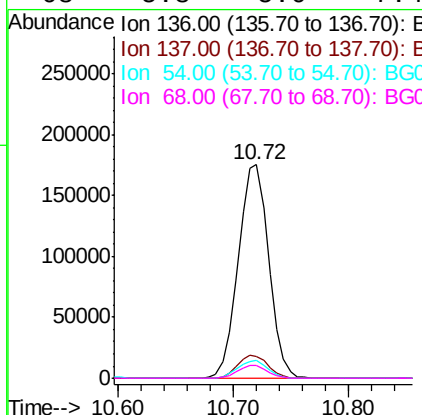
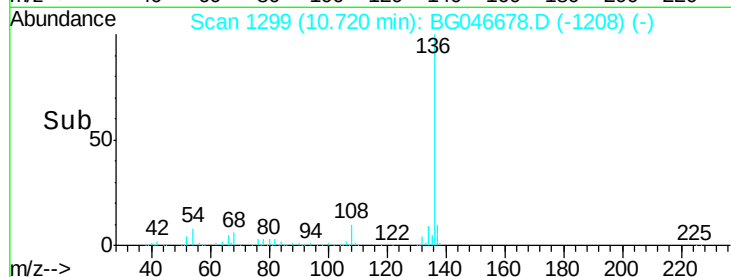
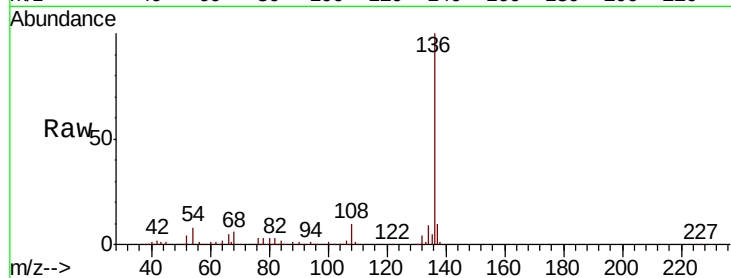
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	8.2	6.2	9.4	
68	5.8	5.0	7.4	

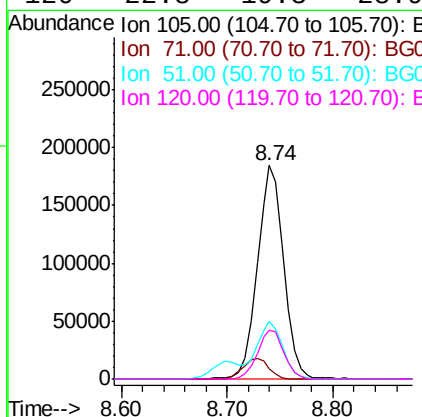
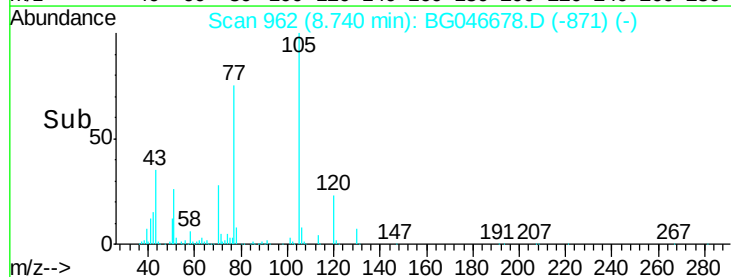
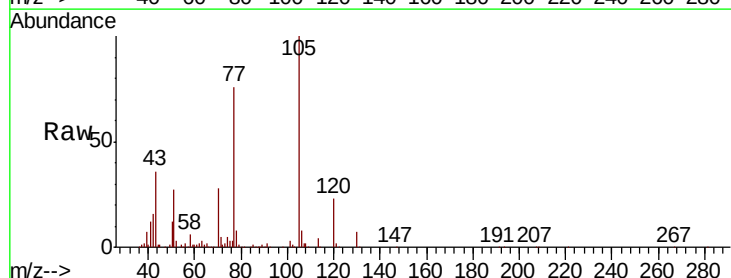
Manual Integrations
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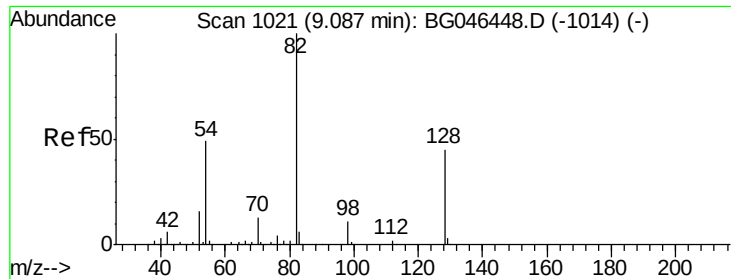
mohammad
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#22
Acetophenone
Concen: 40.883 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	2.7	4.1#	
51	26.8	21.0	31.6	
120	22.8	19.3	28.9	





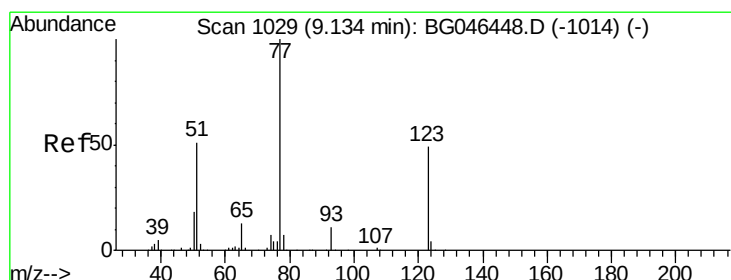
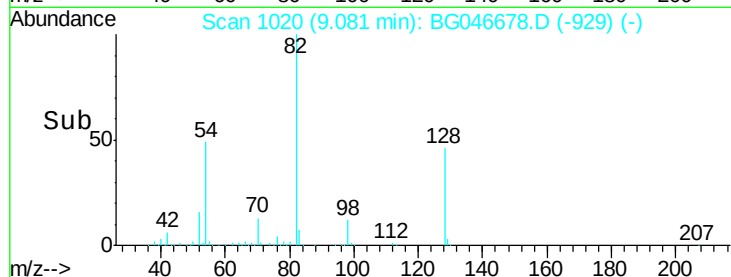
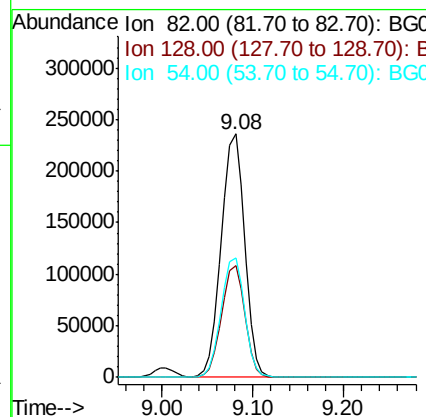
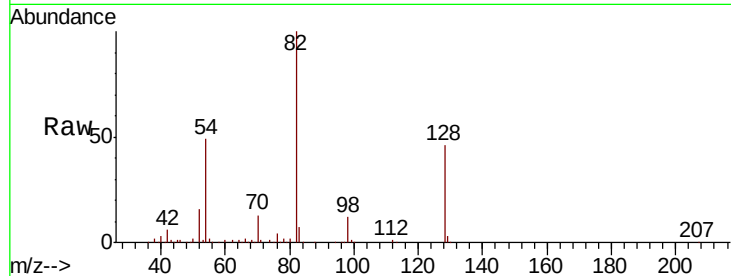
#23
 Nitrobenzene-d5
 Concen: 75.792 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	424690		
128	45.8		37.0	55.6
54	48.9		39.0	58.4

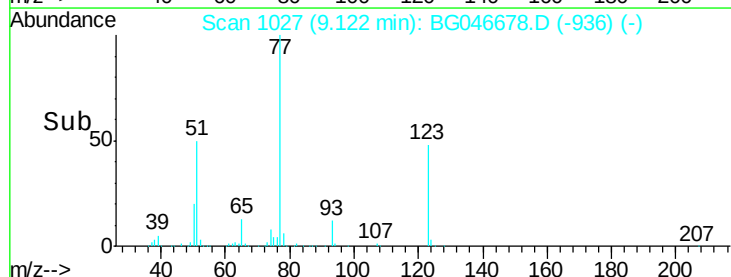
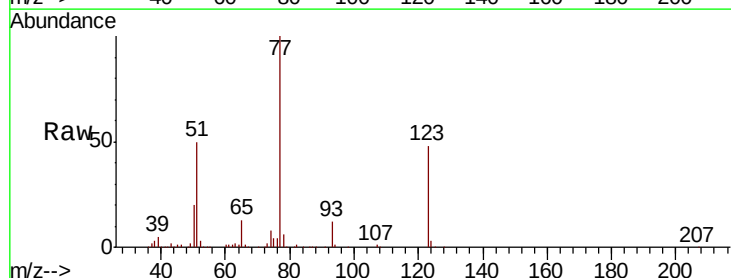
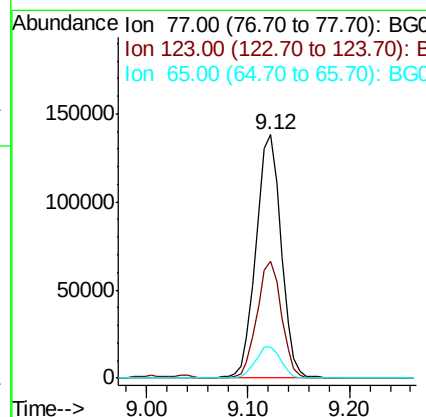
Manual Integrations
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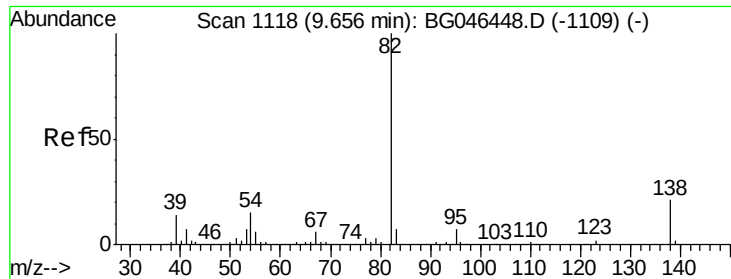
mohammad
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#24
 Nitrobenzene
 Concen: 43.303 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	239713		
123	48.2		39.7	59.5
65	13.0		10.4	15.6





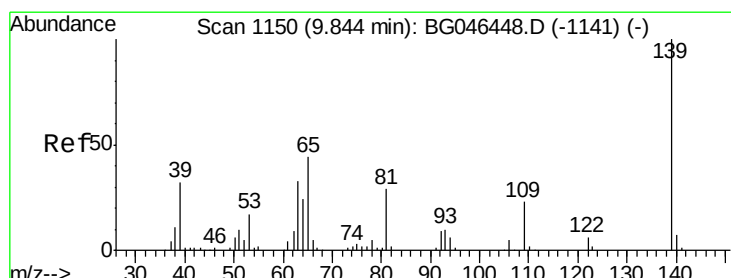
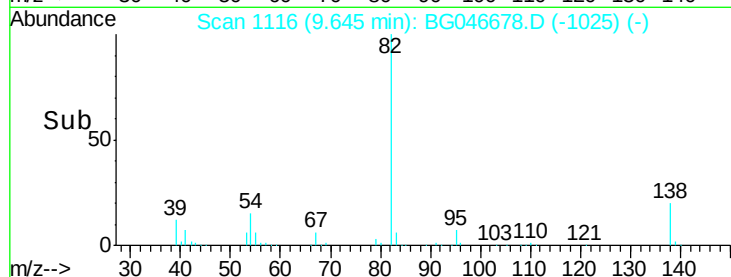
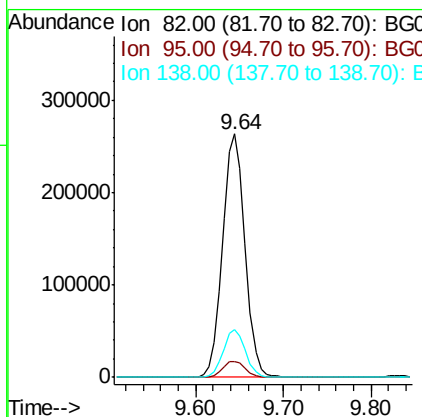
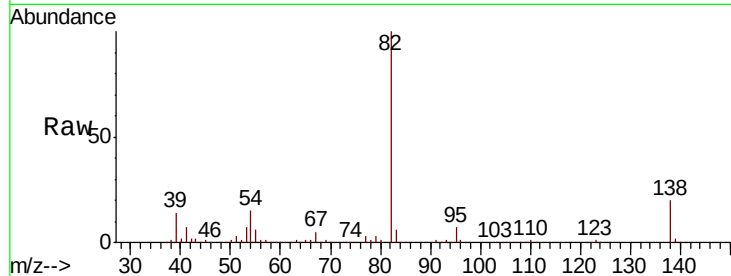
#25
Isophorone
Concen: 45.174 ng
RT: 9.64 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	19.7	15.8	23.6

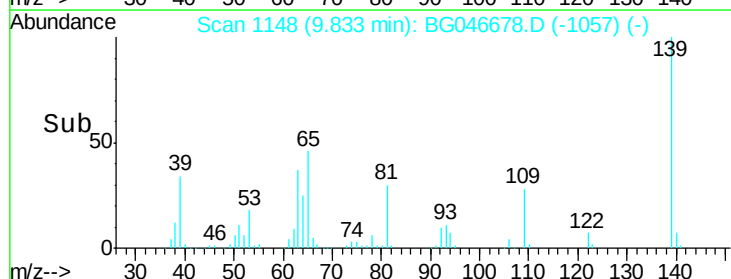
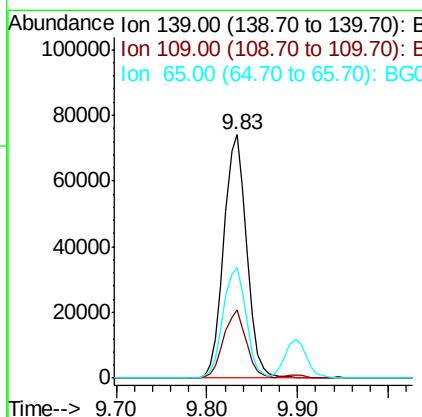
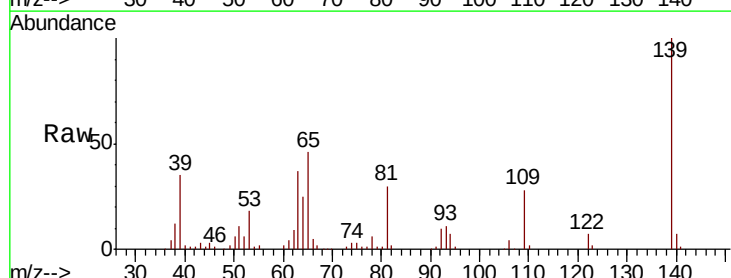
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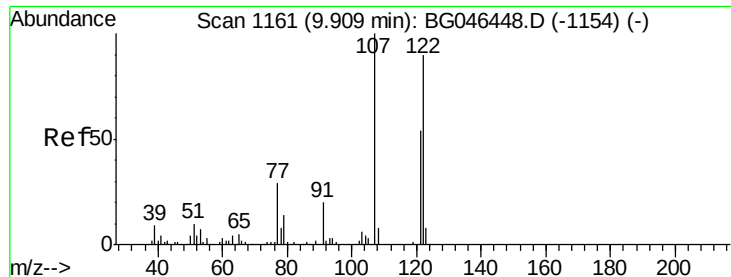
mohammad
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#26
2-Nitrophenol
Concen: 44.489 ng
RT: 9.83 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.0	20.7	31.1
65	45.5	36.1	54.1





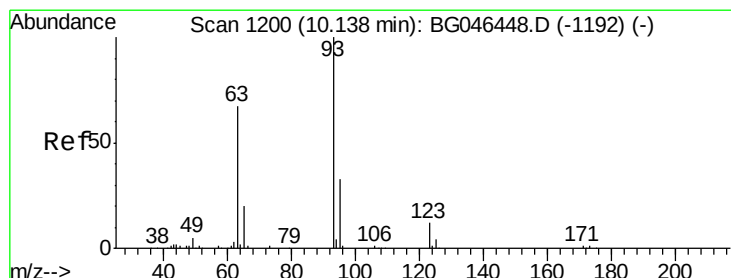
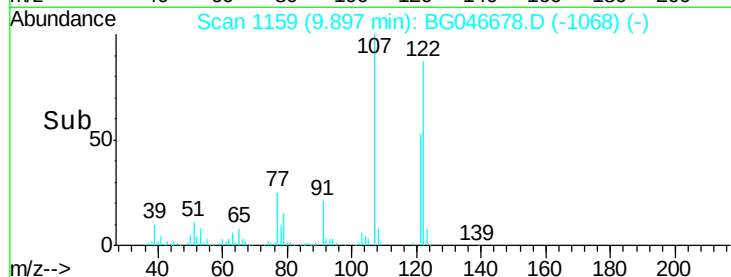
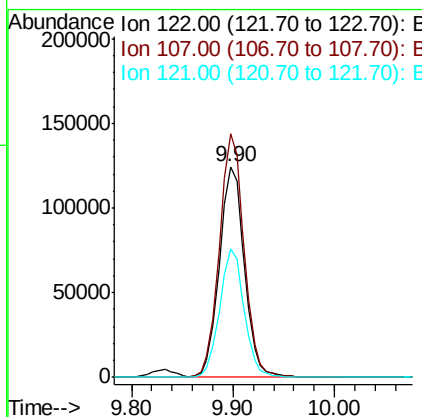
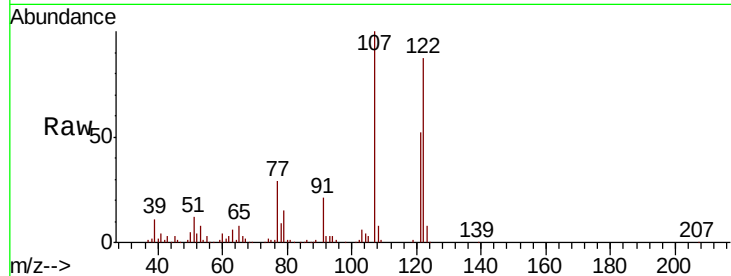
#27
 2,4-Dimethylphenol
 Concen: 52.841 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	212271		
107	115.5	89.2	133.8	
121	60.6	46.9	70.3	

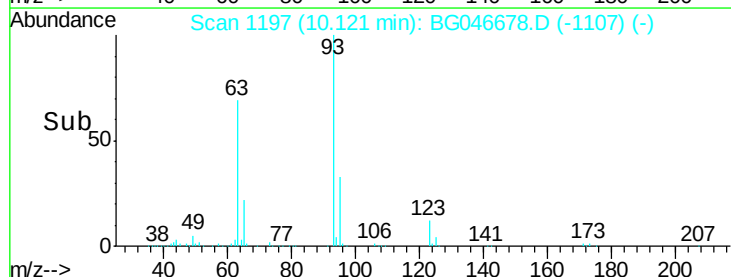
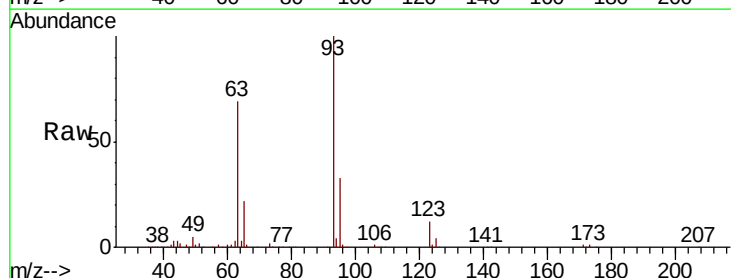
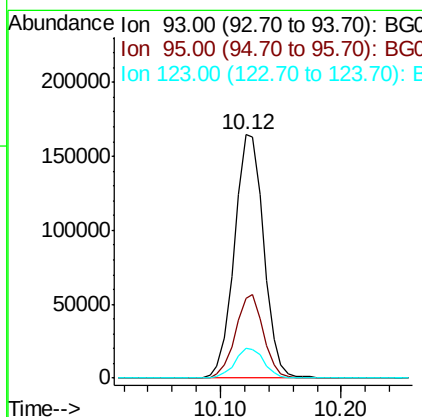
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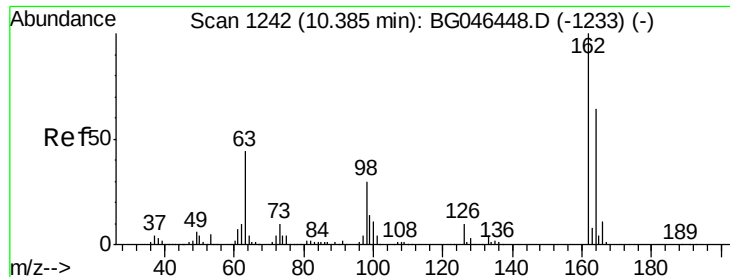
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.202 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279049		
95	33.0	26.5	39.7	
123	12.2	9.4	14.0	





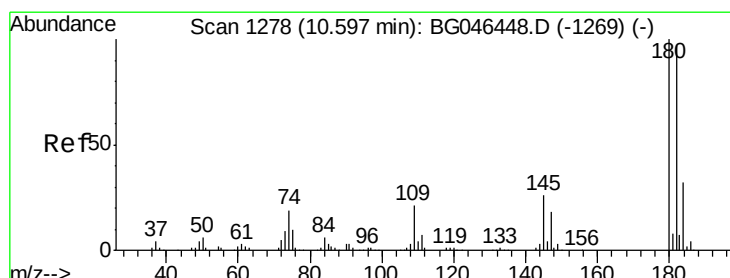
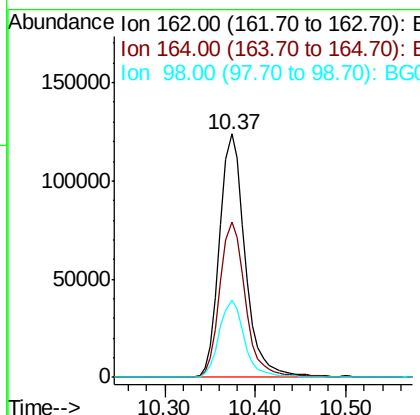
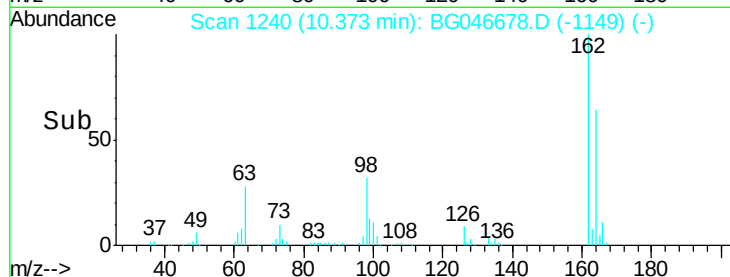
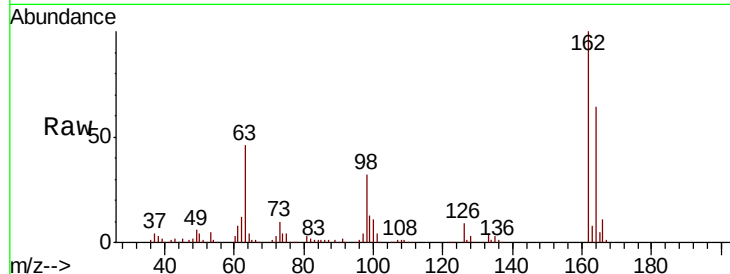
#29
2,4-Dichlorophenol
Concen: 45.491 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243610		
164	63.7	45.6	85.6	
98	31.9	11.0	51.0	

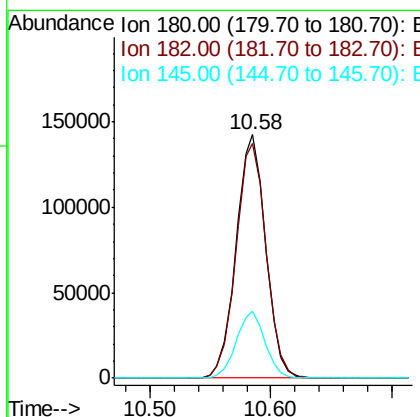
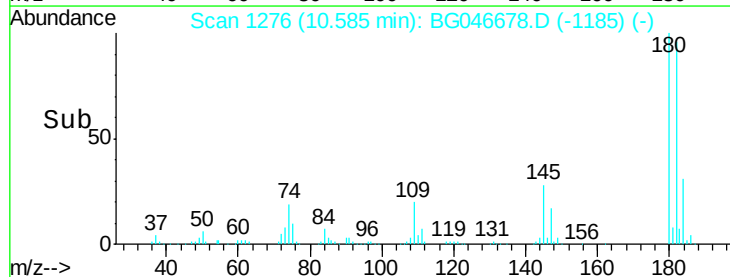
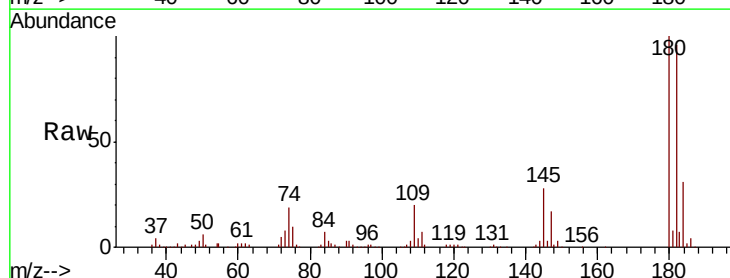
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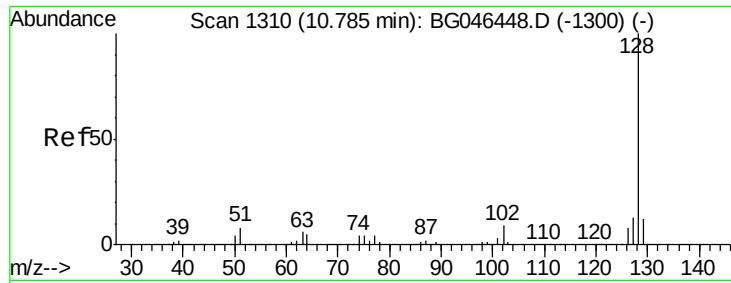
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#30
1,2,4-Trichlorobenzene
Concen: 38.049 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241758		
182	96.4	76.9	115.3	
145	27.5	21.4	32.0	





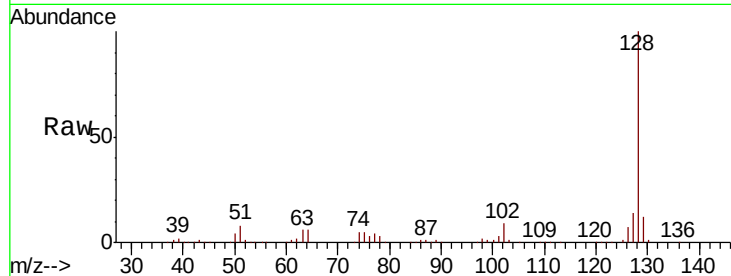
#31
Naphthalene
Concen: 41.121 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.0	11.0	16.4

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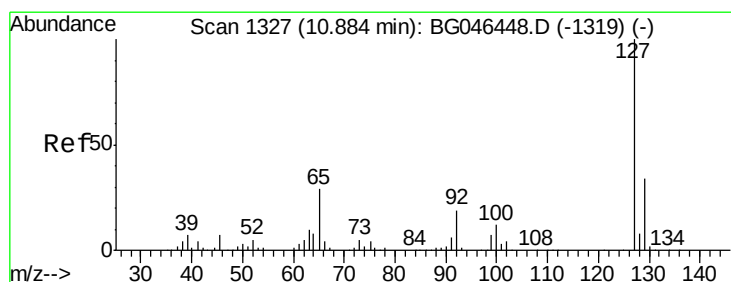
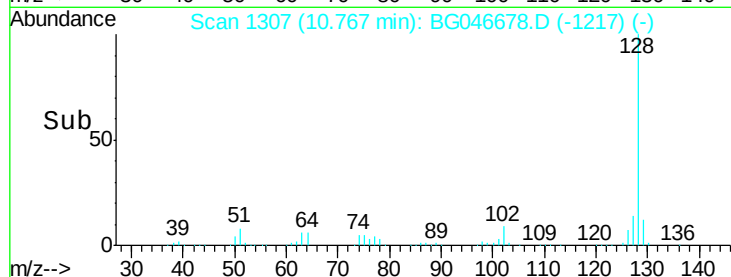
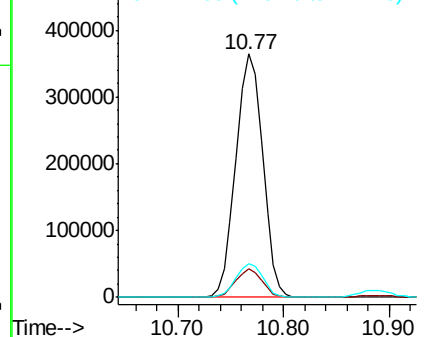


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 3.623 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.8	40.2
65	25.8	23.8	35.6
92	14.8	14.5	21.7

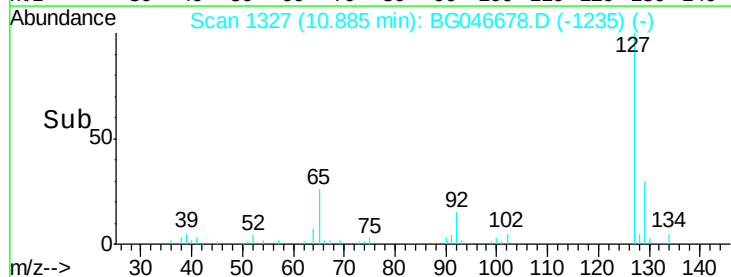
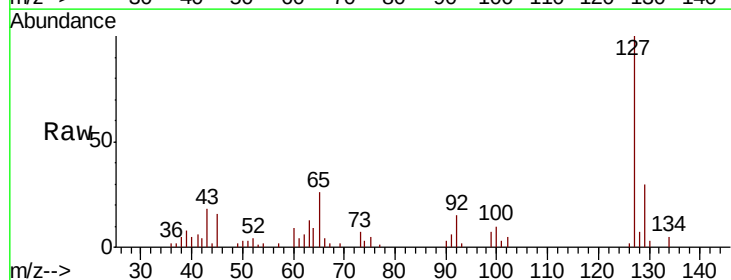
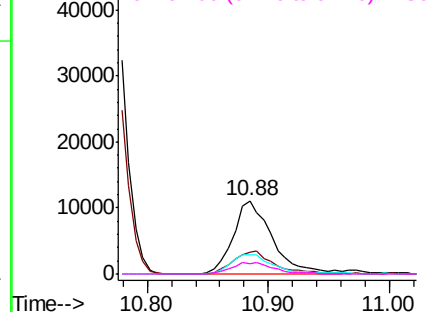
Abundance

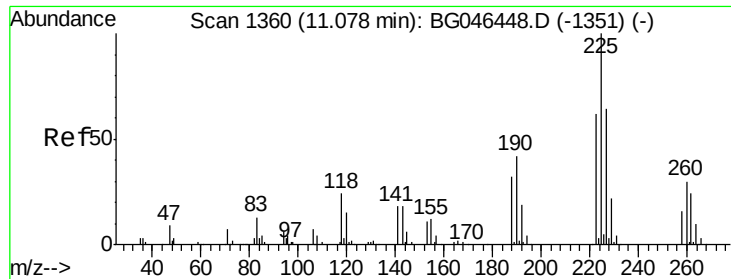
Ion 127.00 (126.70 to 127.70): E

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





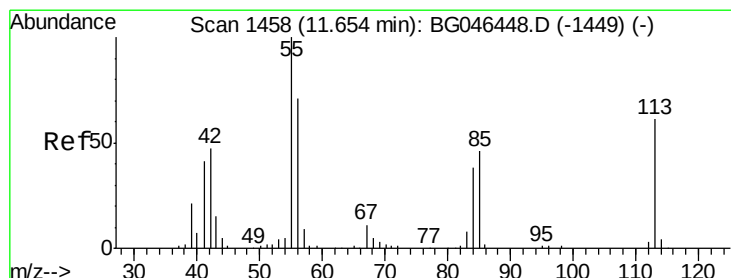
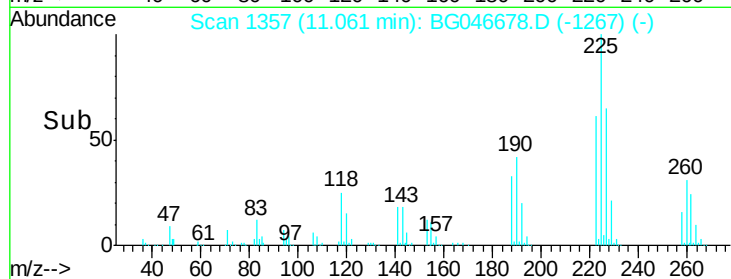
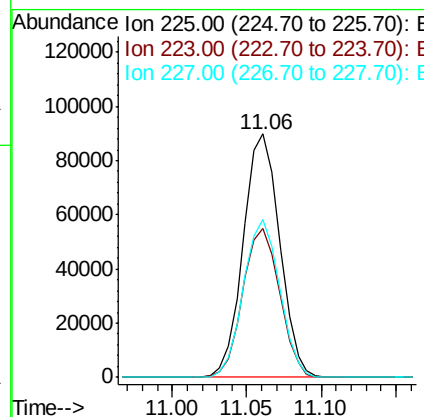
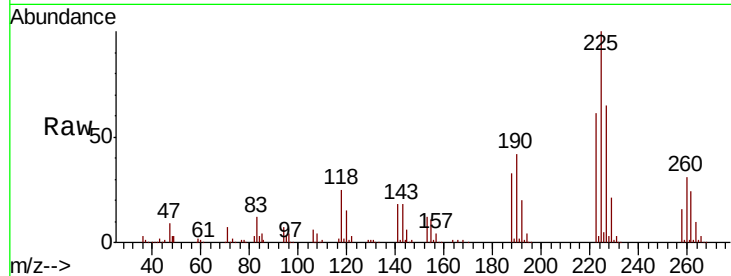
#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	65.0	52.0	78.0

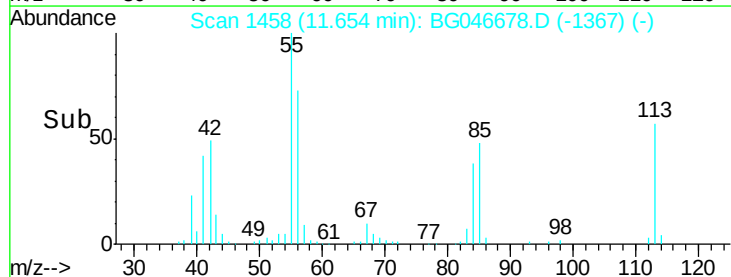
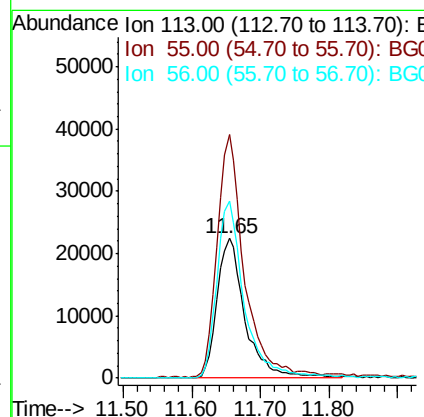
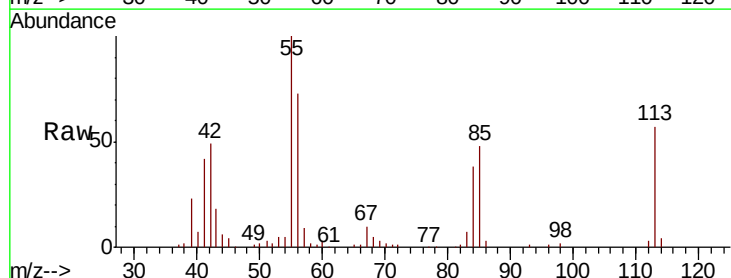
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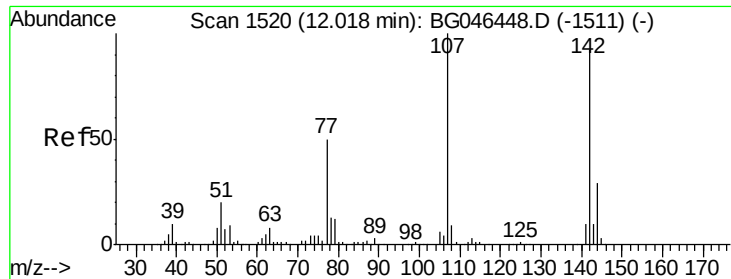
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#35
Caprolactam
Concen: 31.823 ng
RT: 11.65 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.3	149.2	189.2
56	127.2	107.2	147.2





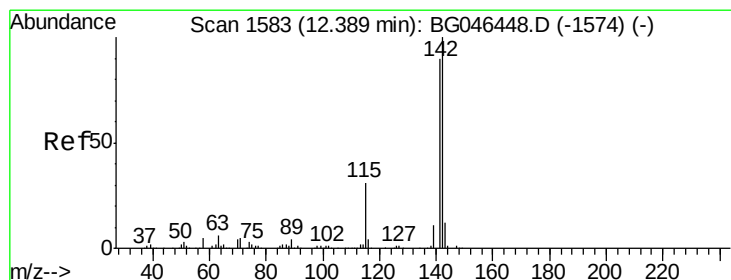
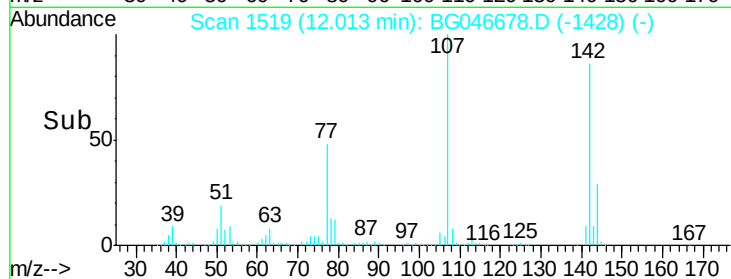
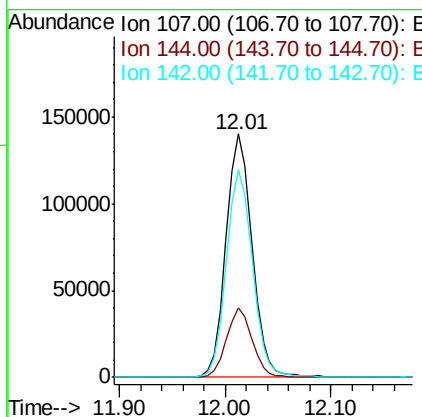
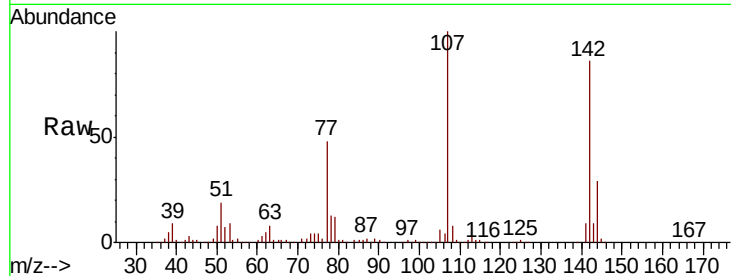
#36
 4-Chloro-3-methylphenol
 Concen: 45.975 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.5	33.7
142	85.6	70.8	106.2

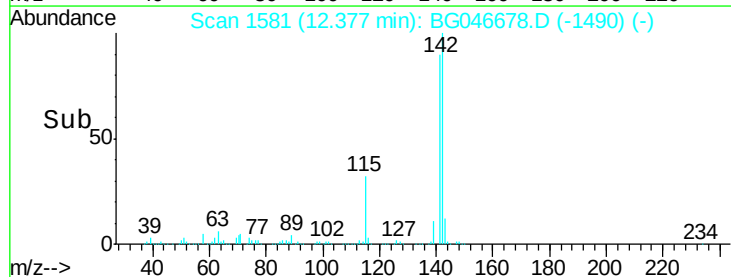
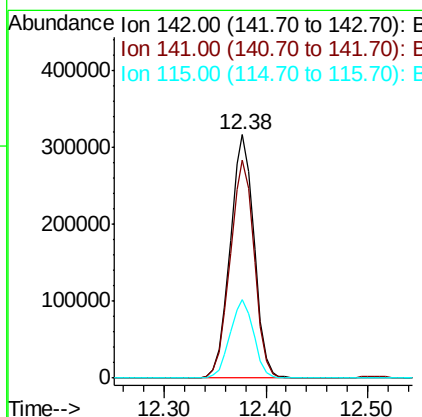
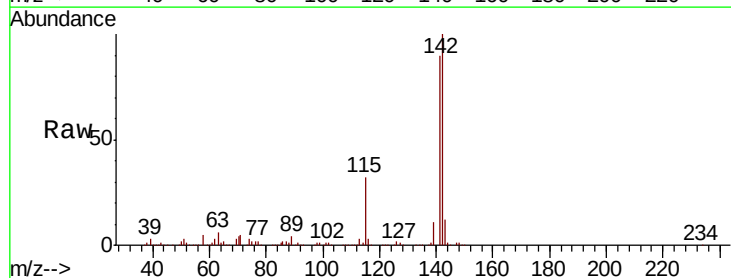
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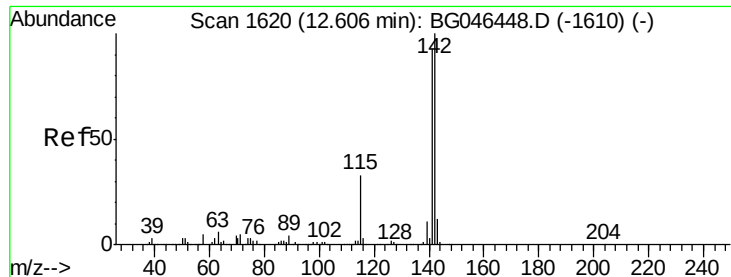
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#37
 2-Methylnaphthalene
 Concen: 42.009 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	32.1	25.4	38.2





#38

1-Methylnaphthalene

Concen: 42.073 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

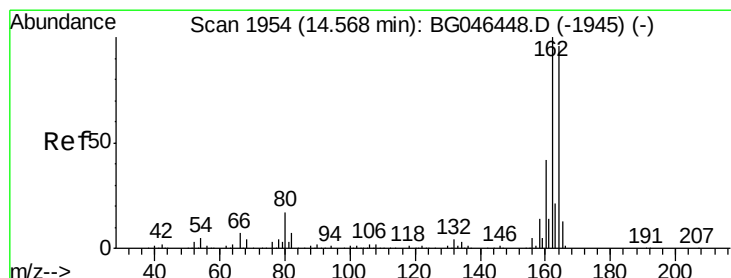
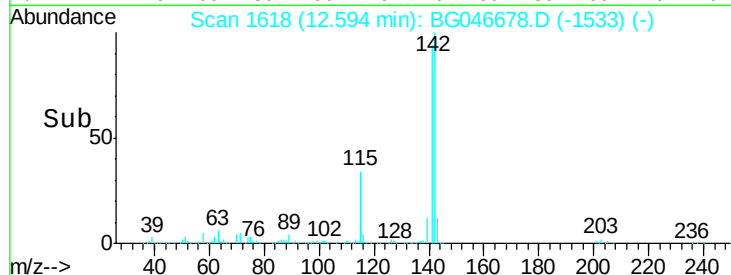
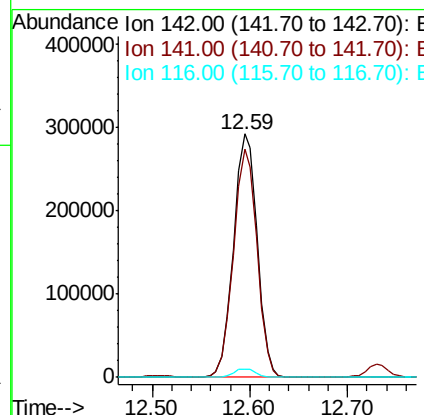
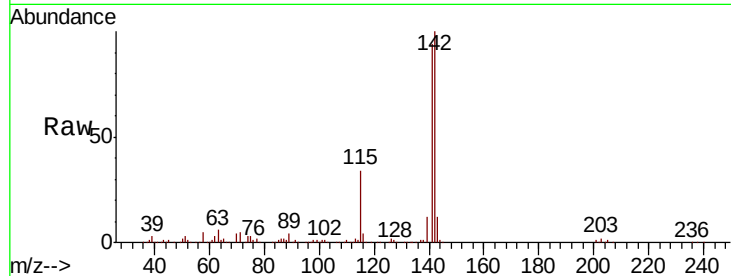
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	142	Resp:	491490
Ion Ratio	Lower	Upper	
142	100		
141	93.6	75.4	113.2
116	3.6	2.9	4.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

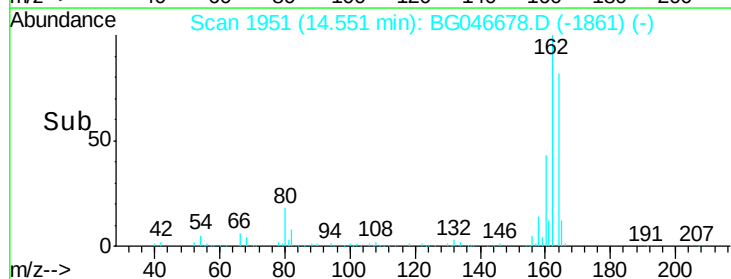
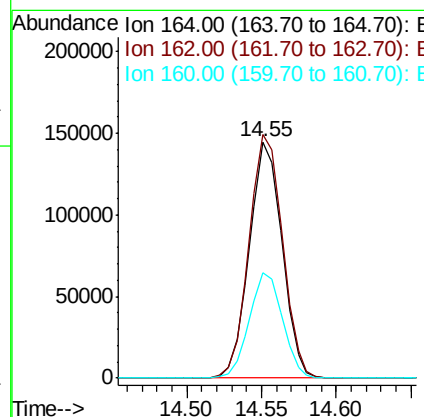
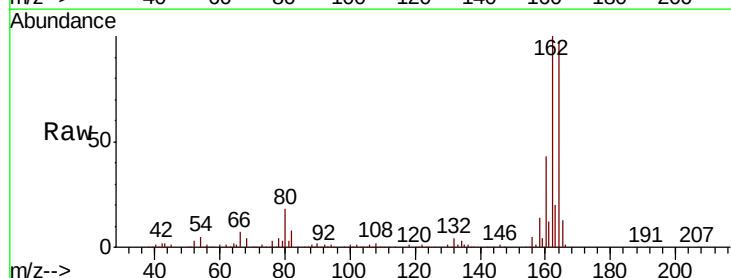
RT: 14.55 min Scan# 1951

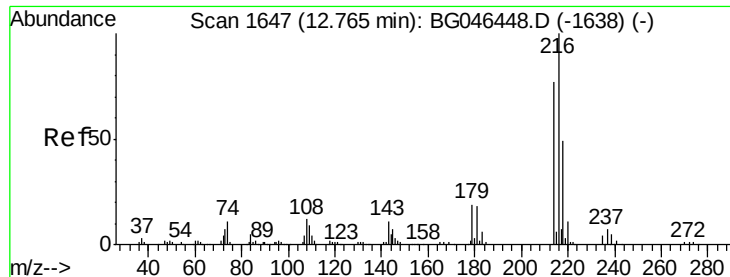
Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	164	Resp:	219237
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.3	123.5
160	44.5	35.3	52.9





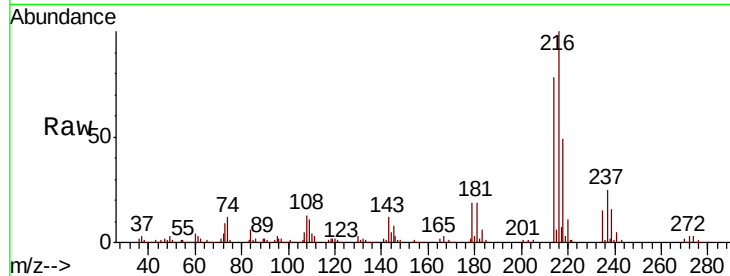
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.315 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

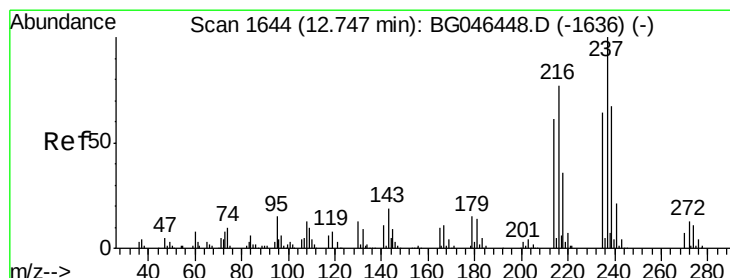
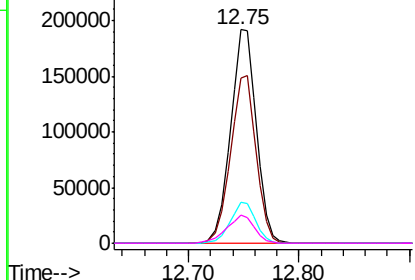
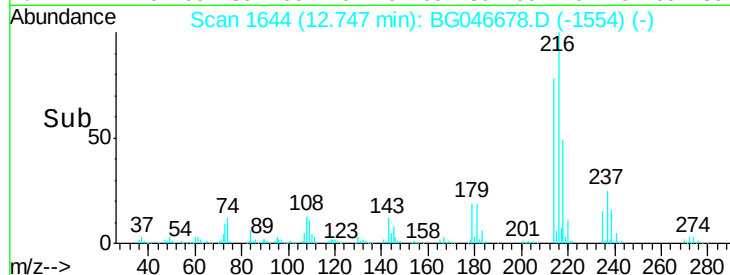
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.8	61.9	92.9		
179	18.7	14.8	22.2		
108	14.1	10.2	15.4		

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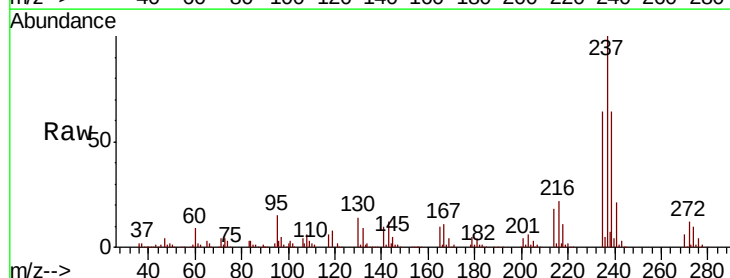


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

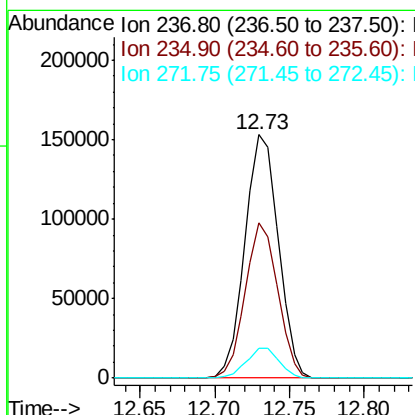
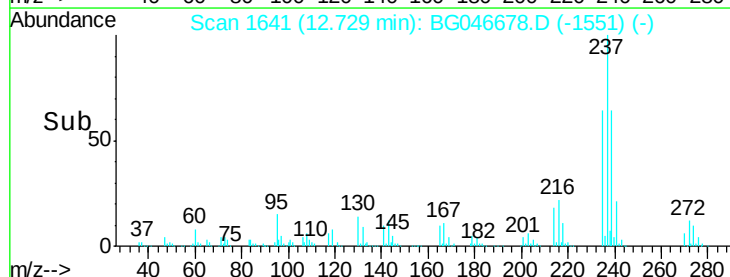


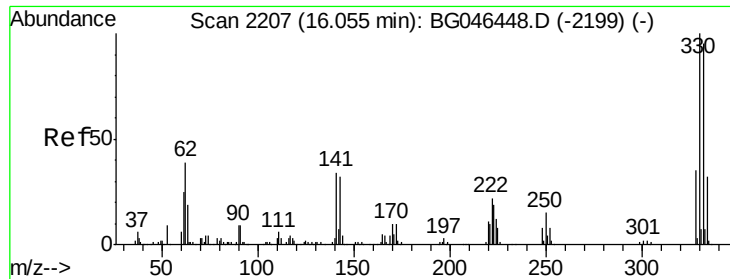
#41
Hexachlorocyclopentadiene
Concen: 75.301 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.6	43.1	83.1		
272	12.5	0.0	33.1		



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





#42

2,4,6-Tribromophenol

Concen: 94.583 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

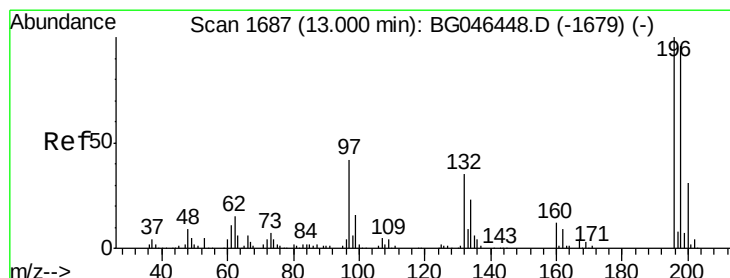
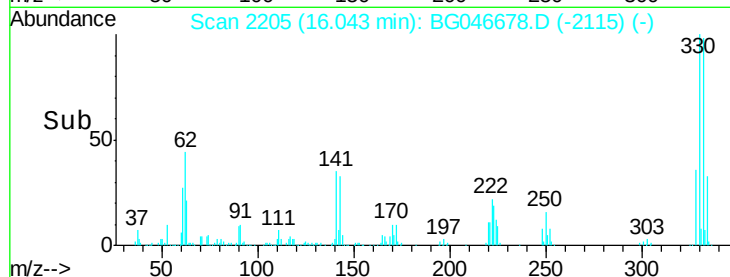
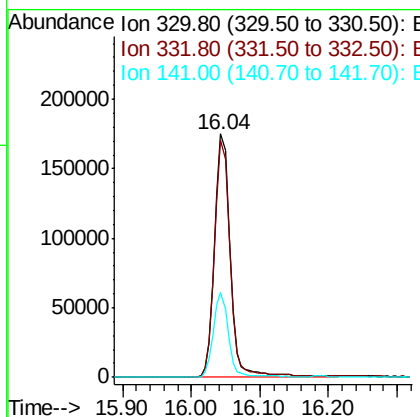
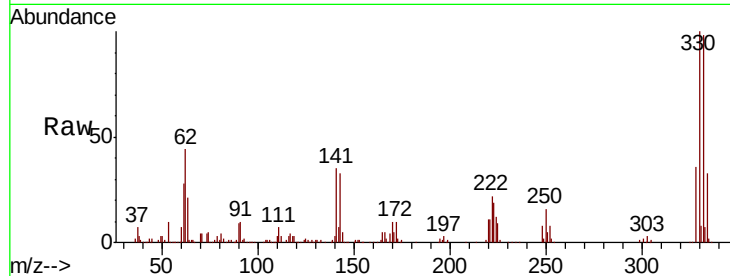
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	330	Resp:	280960
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.5	114.7
141	33.1	26.0	39.0

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#43

2,4,6-Trichlorophenol

Concen: 44.157 ng

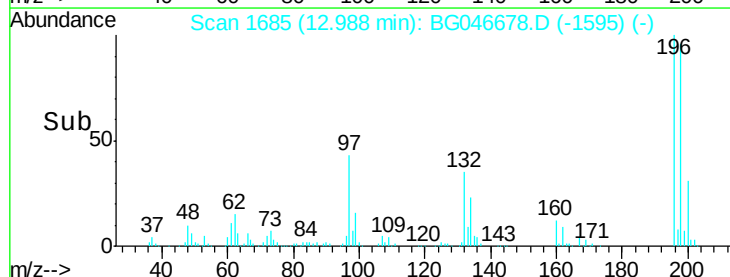
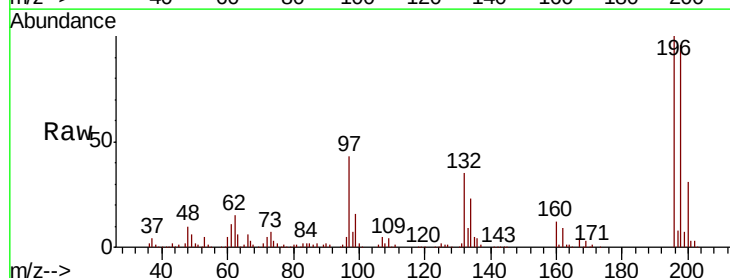
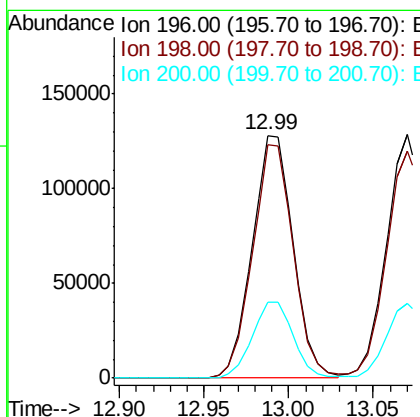
RT: 12.99 min Scan# 1685

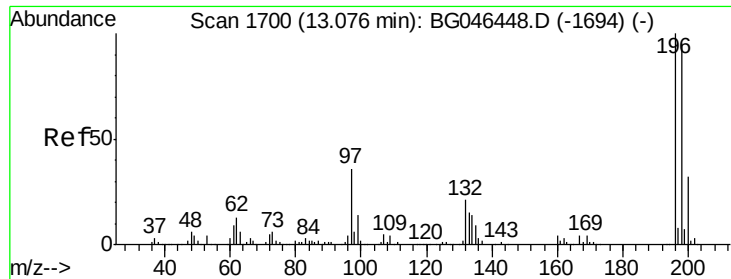
Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	196	Resp:	215431
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.9	112.3
200	31.4	25.3	37.9





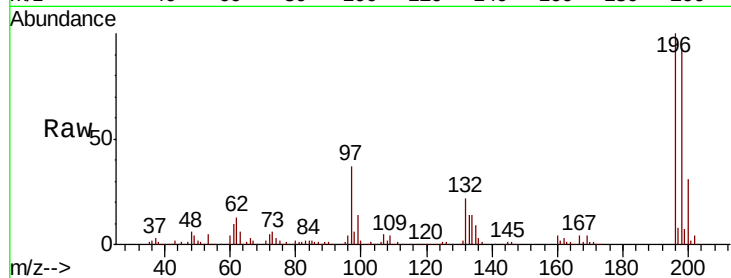
#44
 2,4,5-Trichlorophenol
 Concen: 44.194 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

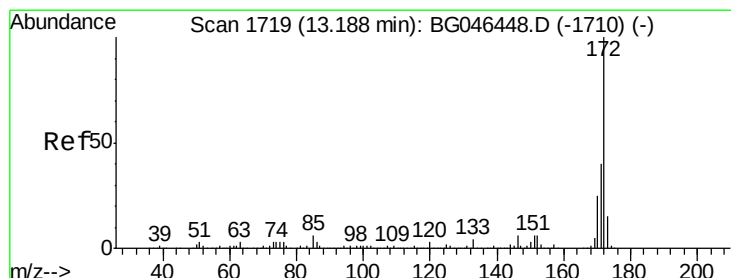
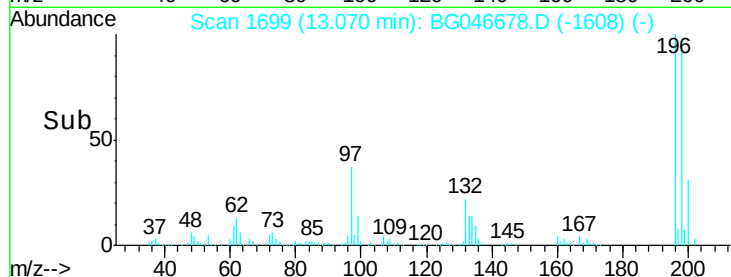
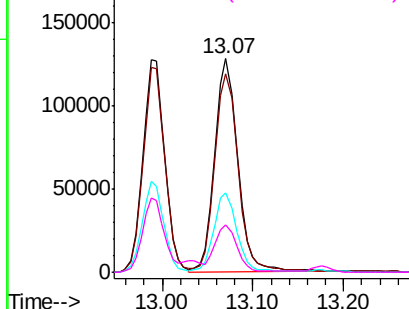
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		226536		
198	93.1		77.6	116.4	
97	36.9		28.6	43.0	
132	22.2		17.8	26.8	

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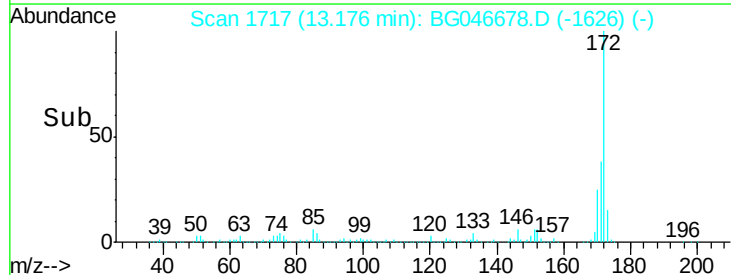
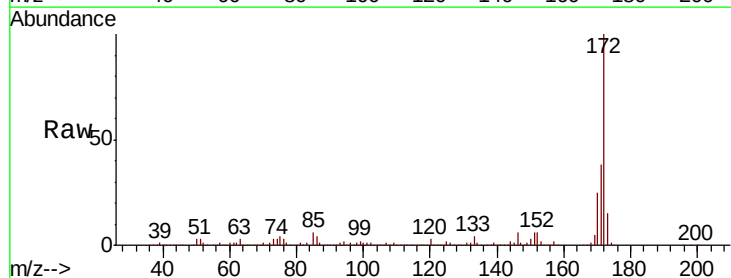
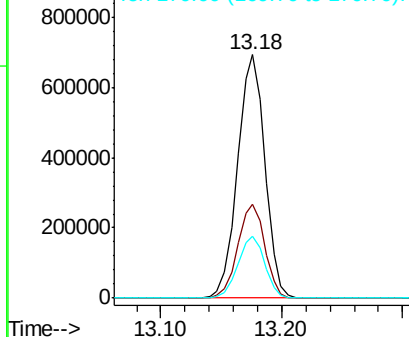
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

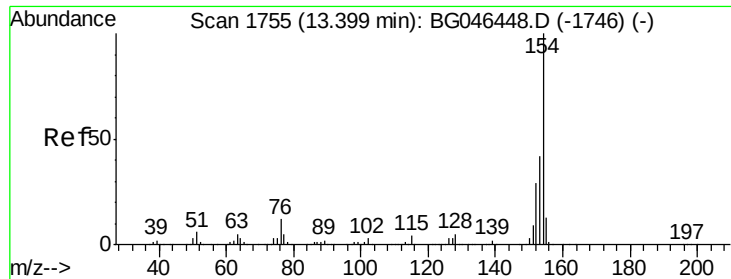


#45
 2-Fluorobiphenyl
 Concen: 75.992 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1091352		
171	38.4		31.3	46.9	
170	25.4		20.8	31.2	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





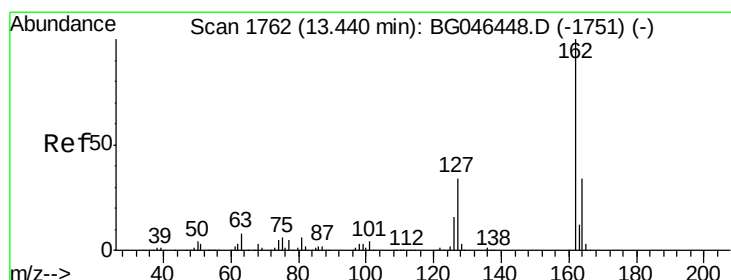
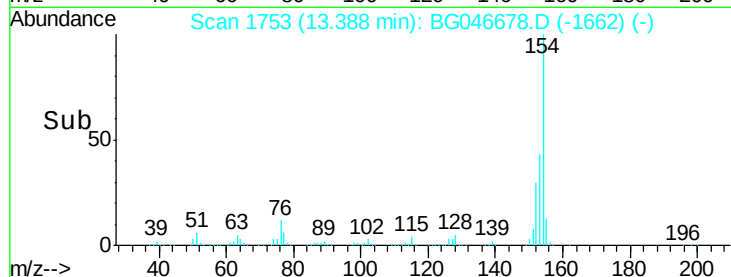
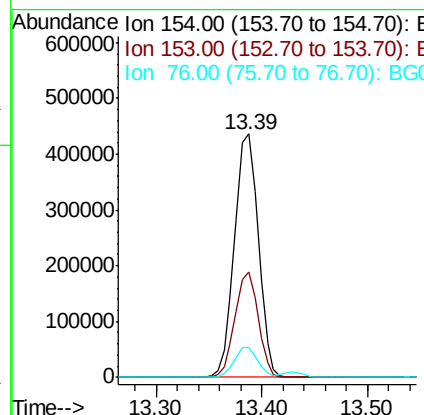
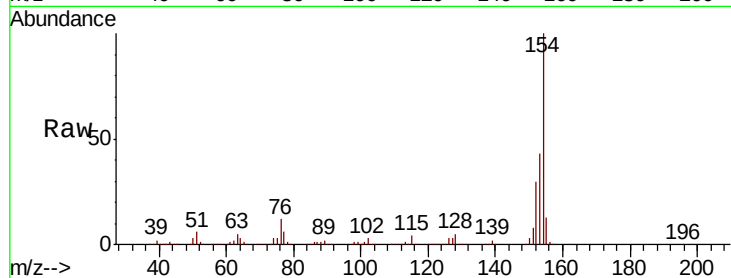
#46
 1,1'-Biphenyl
 Concen: 44.569 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.6	62.6
76	12.1	0.0	32.6

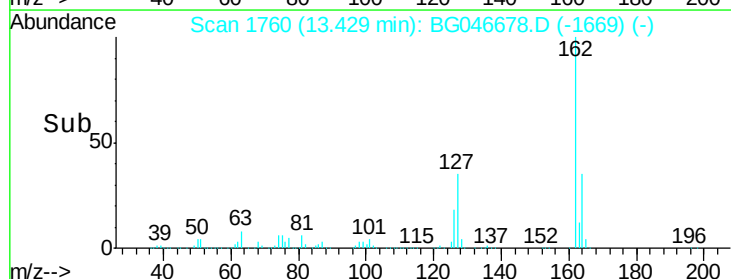
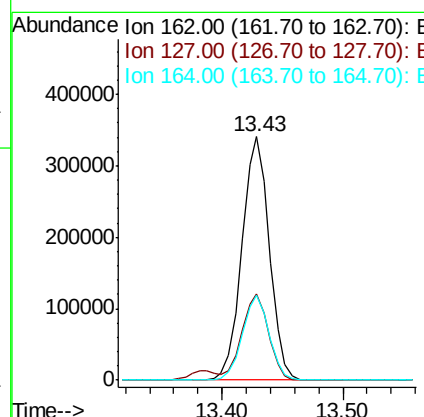
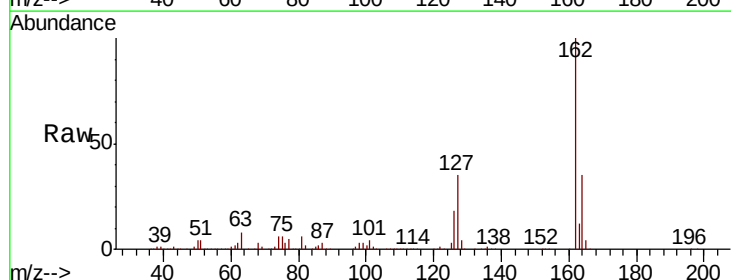
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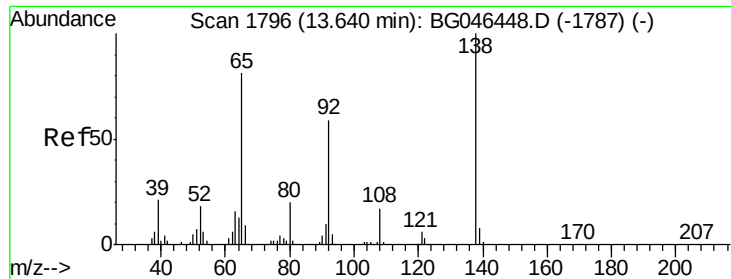
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#47
 2-Chloronaphthalene
 Concen: 41.511 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	27.8	41.6
164	34.9	27.0	40.4





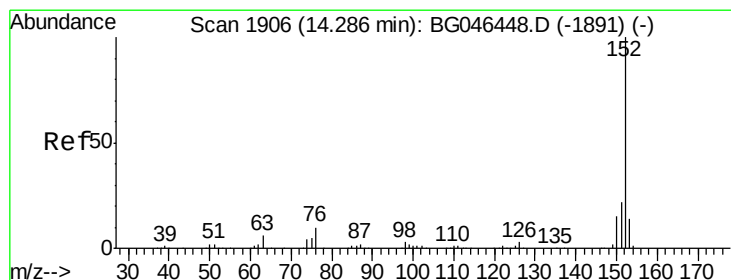
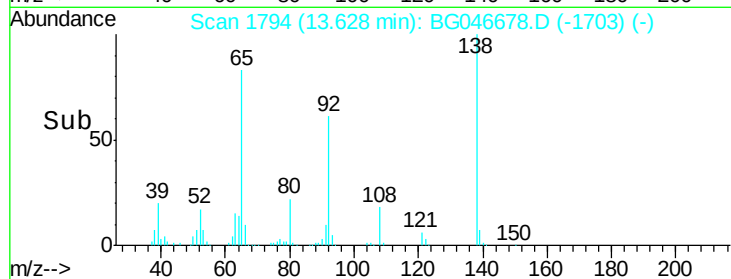
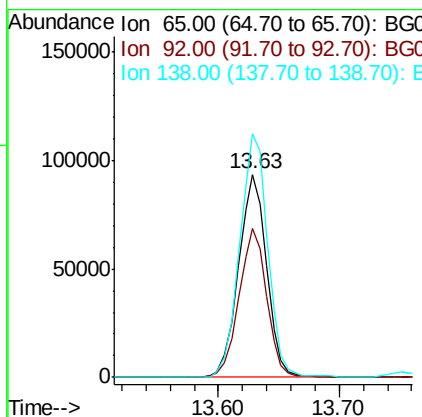
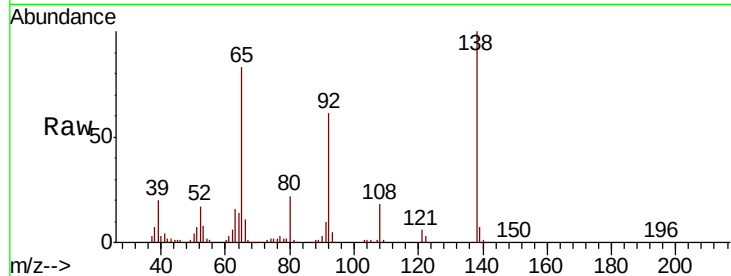
#48
2-Nitroaniline
Concen: 42.207 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.6	88.0
138	120.1	98.2	147.4

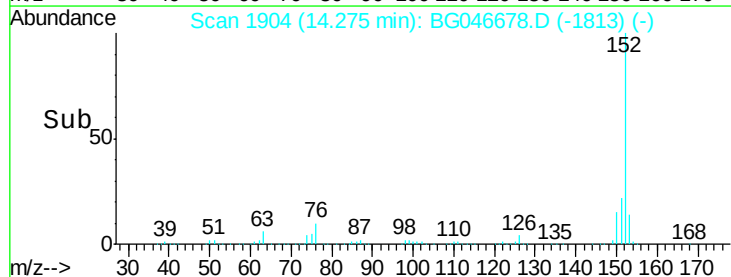
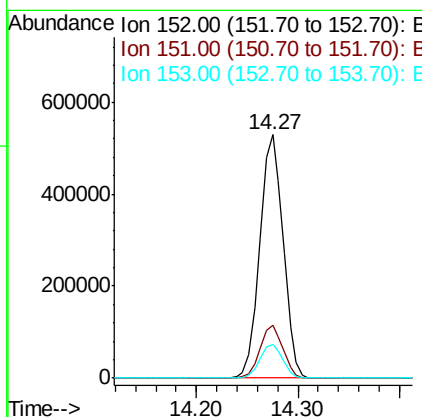
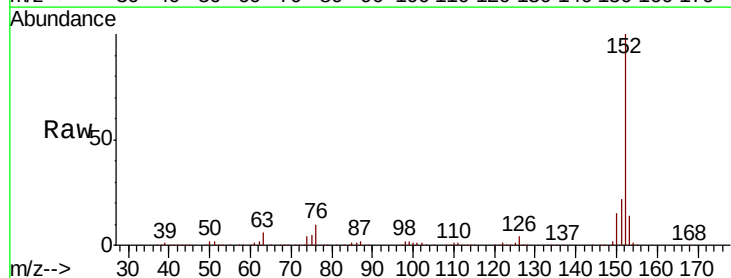
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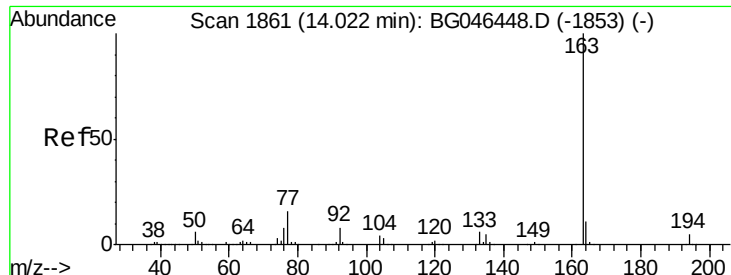
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#49
Acenaphthylene
Concen: 42.898 ng
RT: 14.27 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.0
153	13.9	11.5	17.3





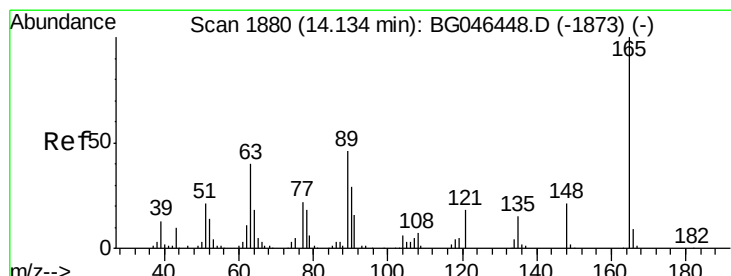
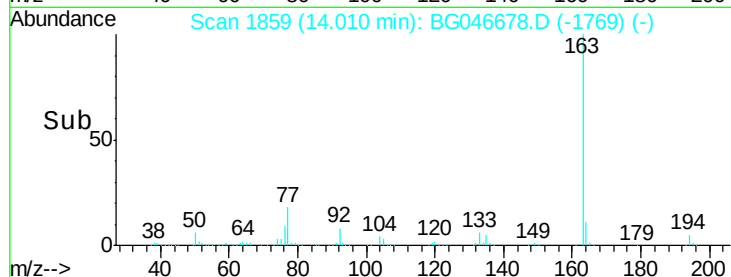
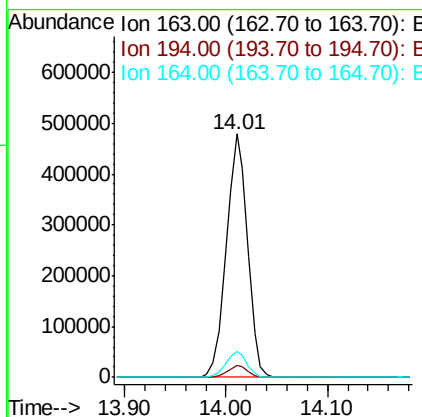
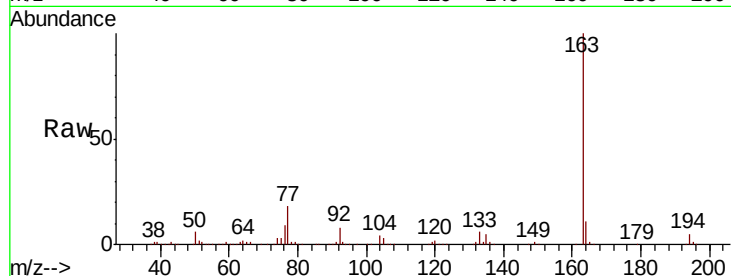
#50
Dimethylphthalate
Concen: 40.534 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	687501		
194	5.0		3.8	5.8
164	10.9		8.8	13.2

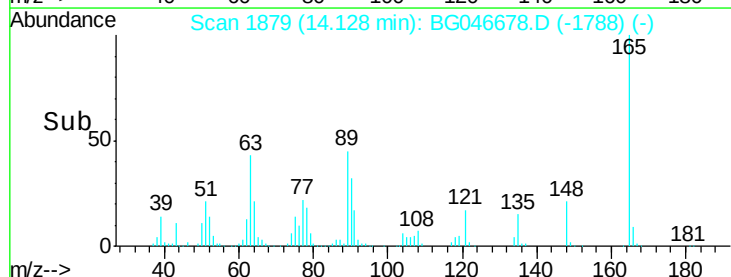
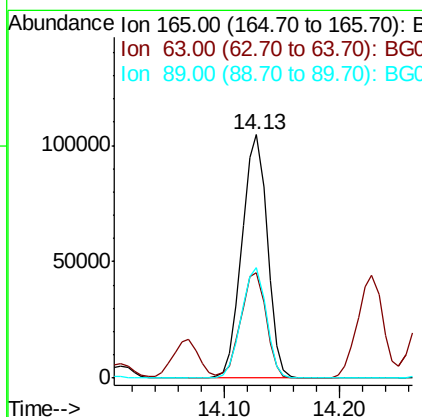
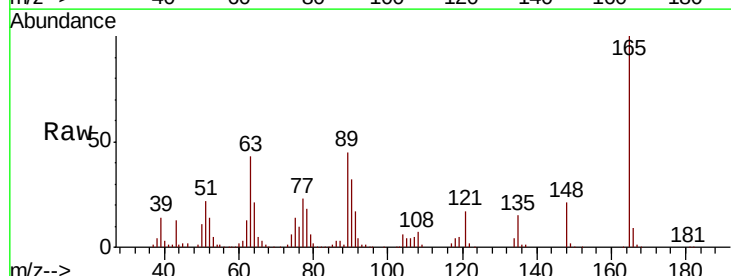
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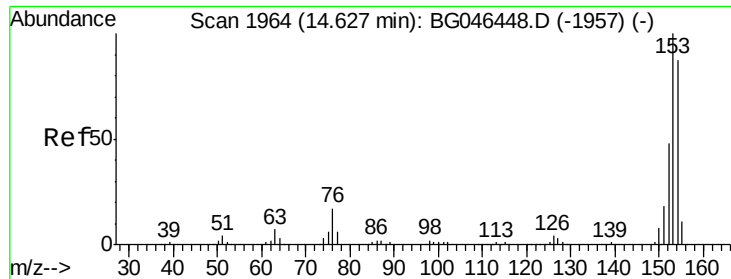
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#51
2,6-Dinitrotoluene
Concen: 42.677 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159562		
63	43.1		33.7	50.5
89	45.5		36.6	54.8





#52

Acenaphthene

Concen: 42.334 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG046678.D

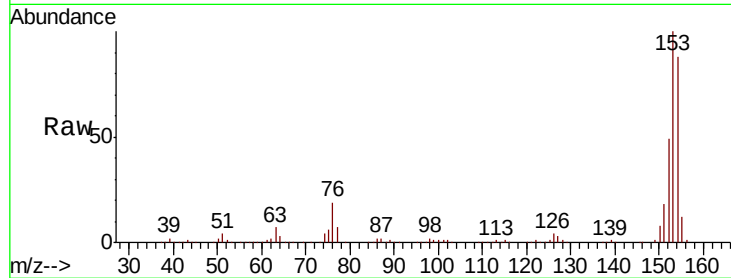
Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

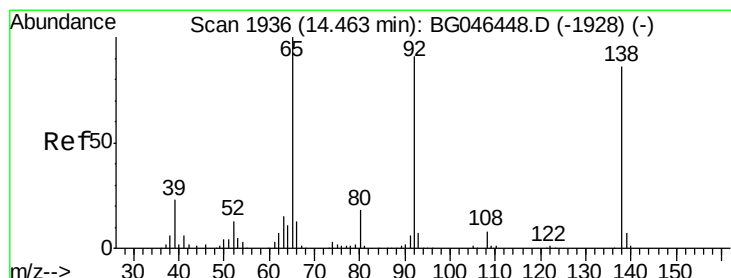
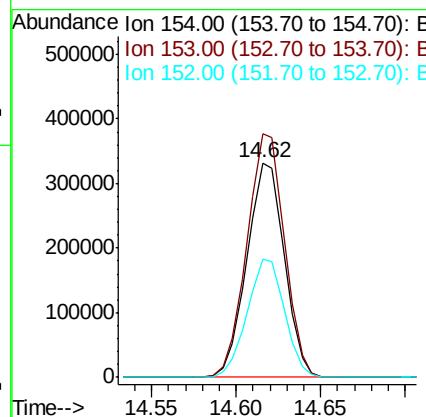
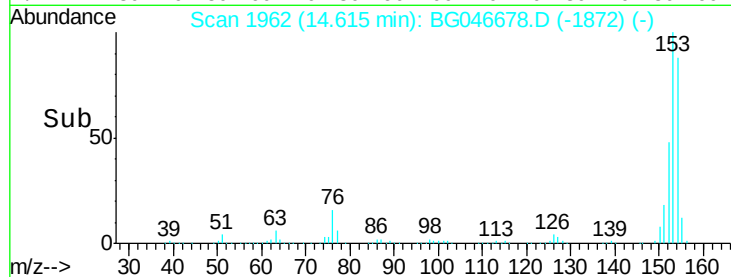
PAV-B36-091620-0-10MSD



Tot Ion:	154	Resp:	514644
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.3	135.5
152	55.1	43.8	65.8

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#53

3-Nitroaniline

Concen: 15.408 ng

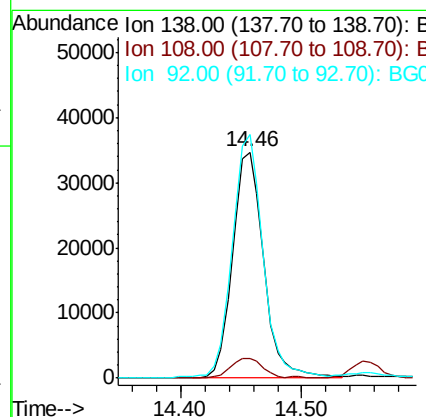
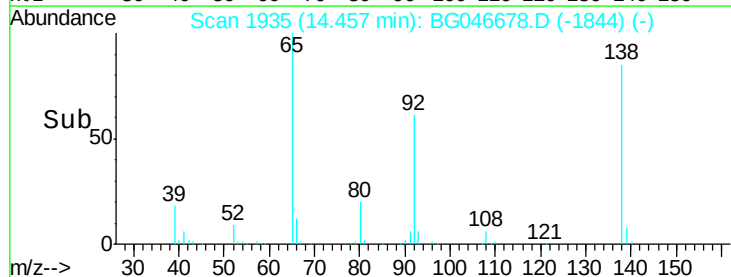
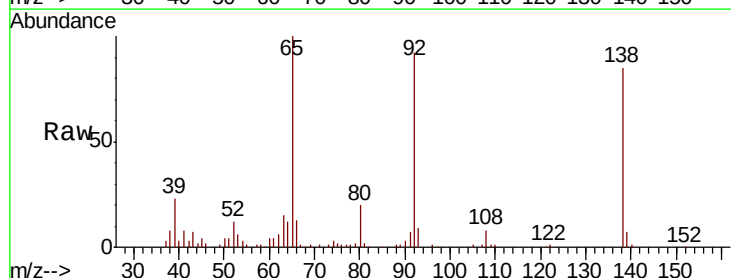
RT: 14.46 min Scan# 1935

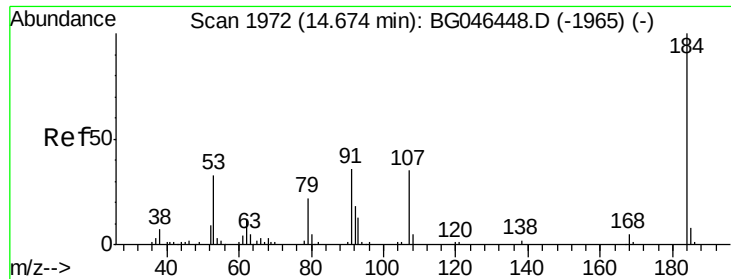
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	138	Resp:	62401
Ion Ratio	Lower	Upper	
138	100		
108	8.8	7.4	11.0
92	107.6	85.2	127.8





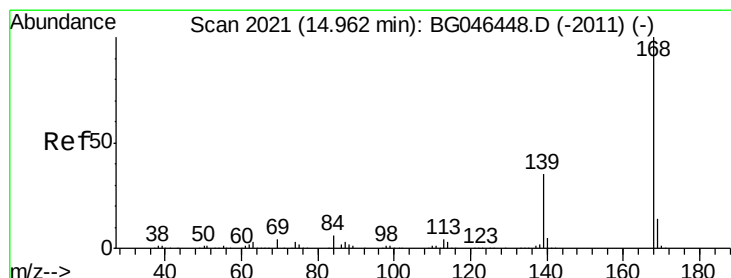
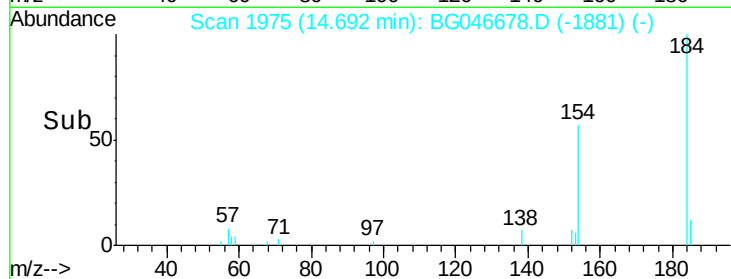
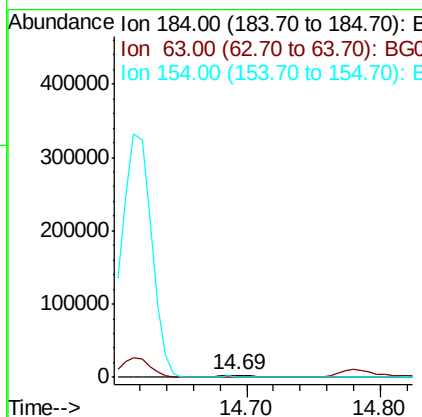
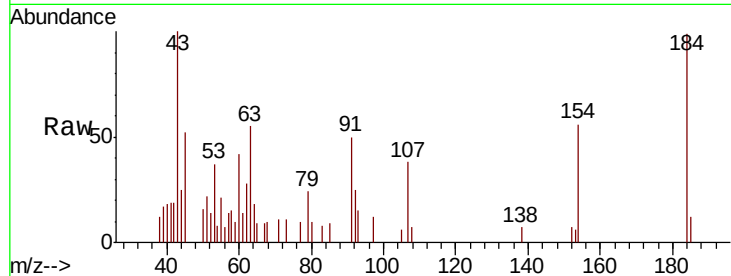
#54
2,4-Dinitrophenol
Concen: 3.106 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.9	32.3	48.5#
154	56.6	40.4	60.6

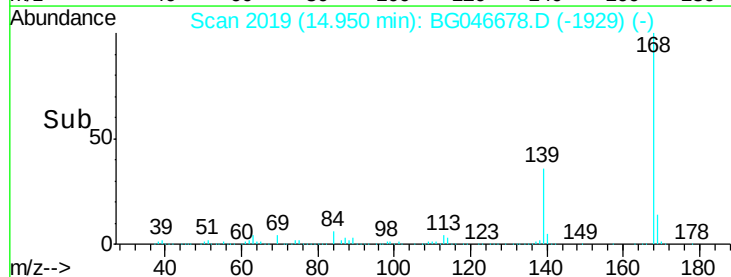
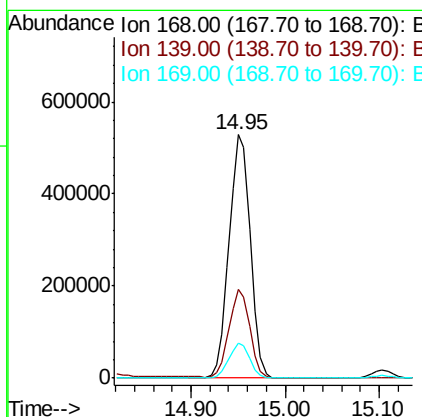
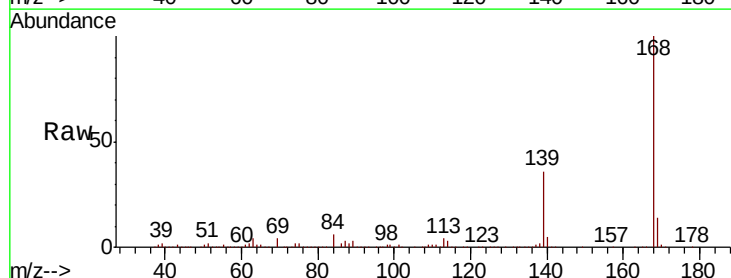
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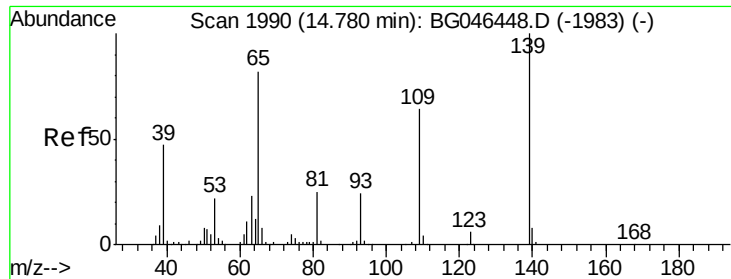
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#55
Dibenzofuran
Concen: 42.335 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	14.4	11.0	16.6





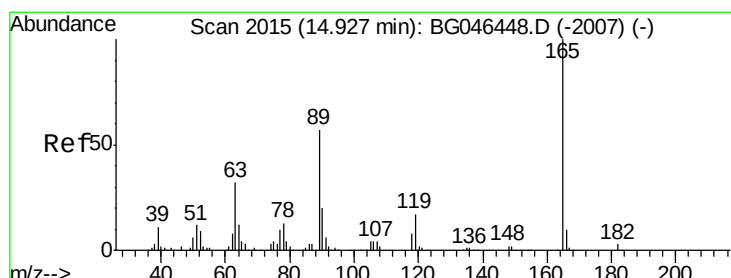
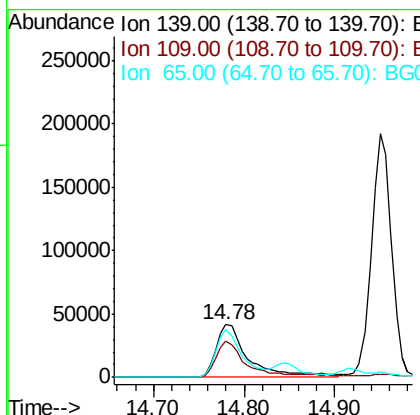
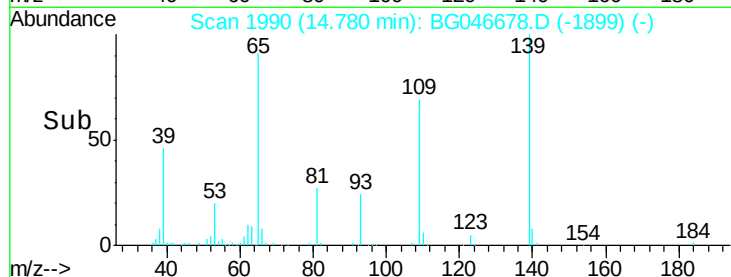
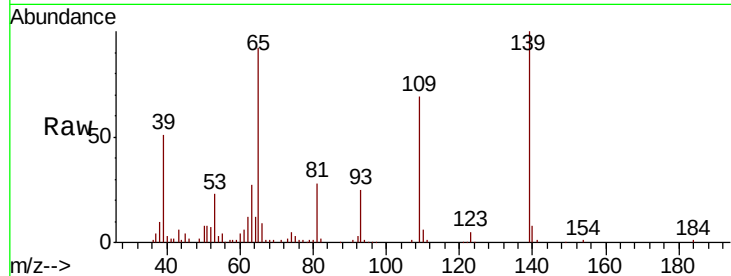
#56
4-Nitrophenol
Concen: 34.944 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	104153		
109	69.1	45.9	85.9	
65	91.8	65.4	105.4	

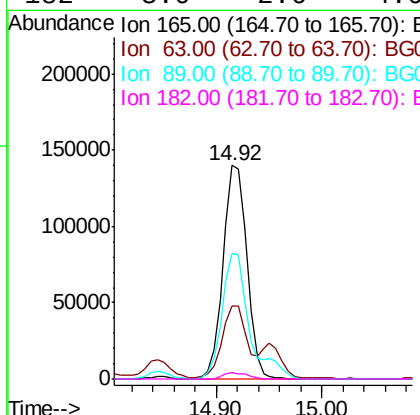
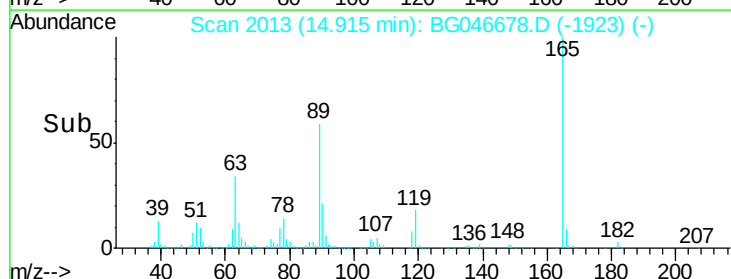
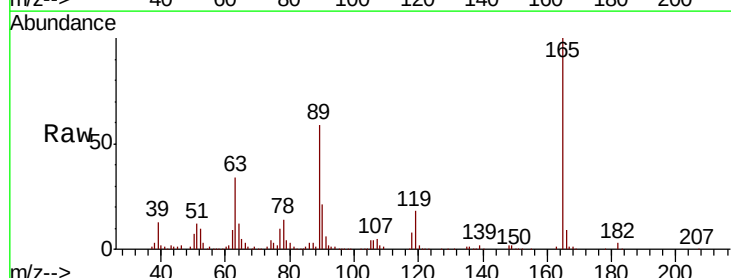
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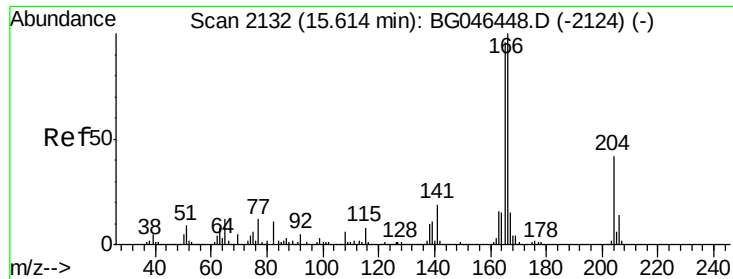
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#57
2,4-Dinitrotoluene
Concen: 41.253 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219926		
63	34.3	26.4	39.6	
89	59.0	47.8	71.8	
182	3.0	2.6	4.0	





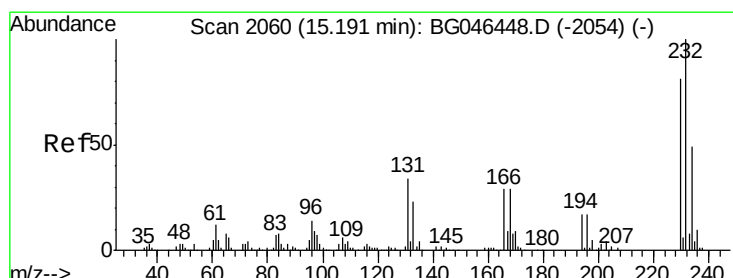
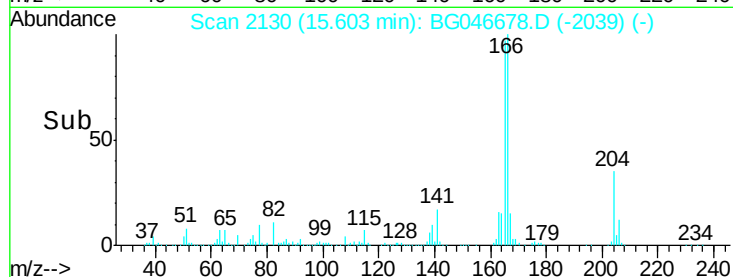
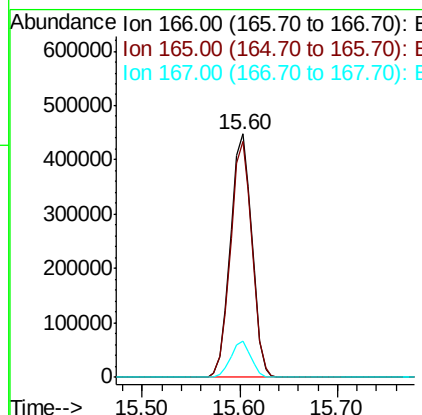
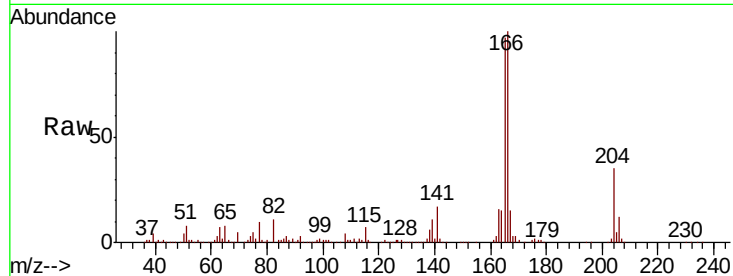
#58
 Fluorene
 Concen: 41.663 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	14.8	11.4	17.2

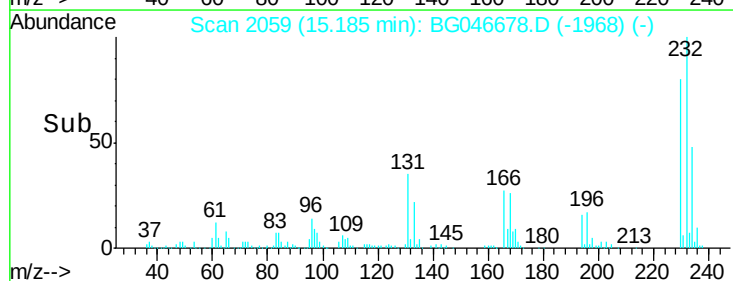
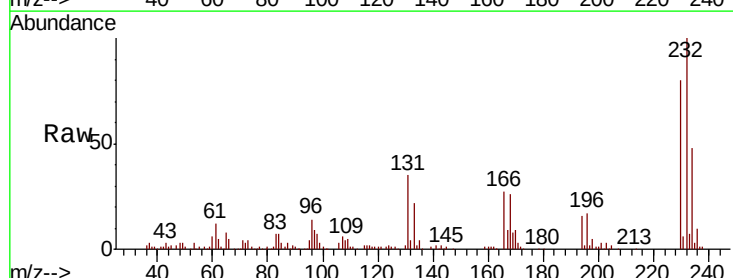
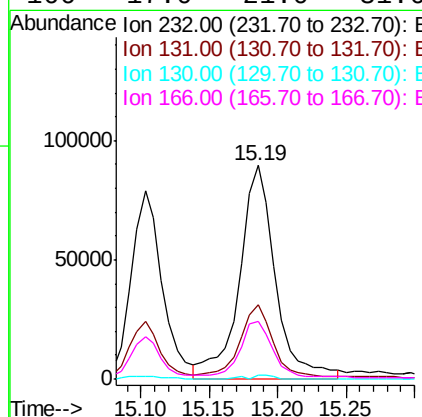
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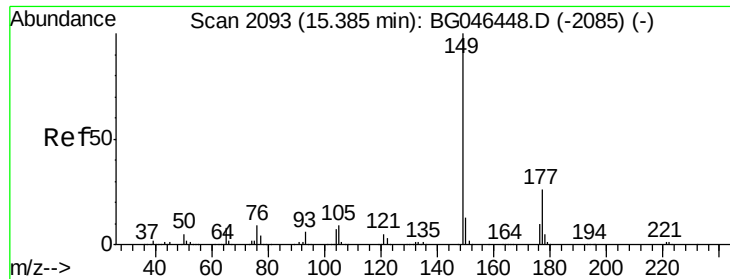
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.060 ng m
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	23.0	26.6	40.0#
130	1.5	1.4	2.0
166	17.0	21.0	31.6#





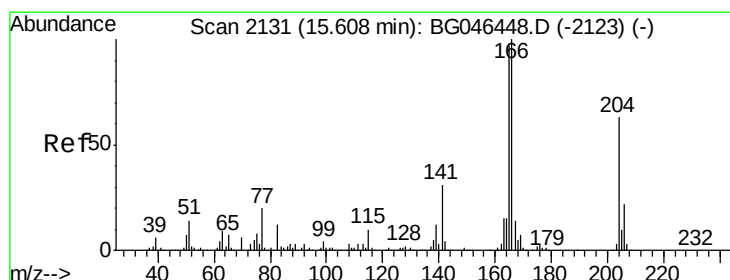
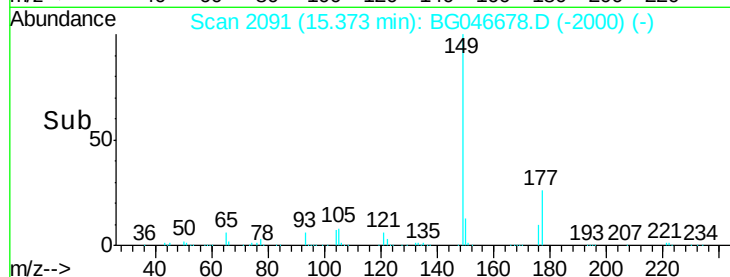
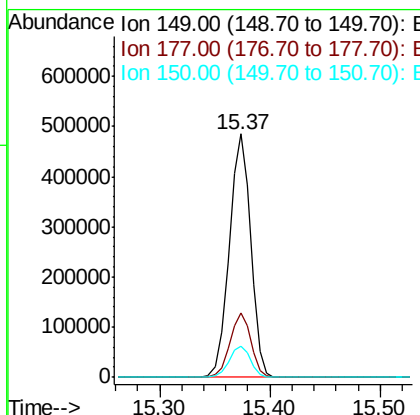
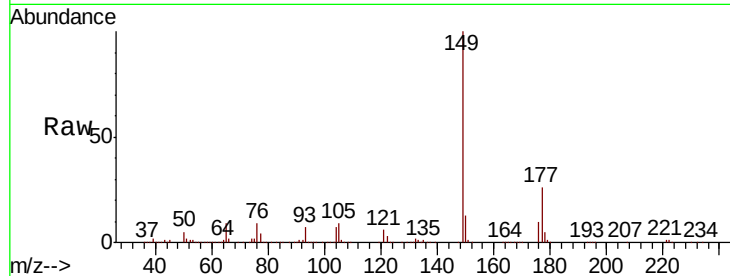
#60
Diethylphthalate
Concen: 39.842 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.5	21.4	32.2
150	12.8	10.7	16.1

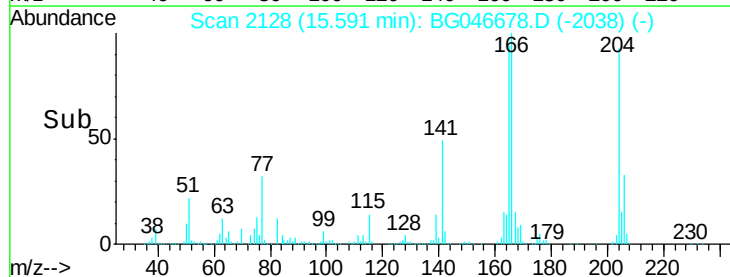
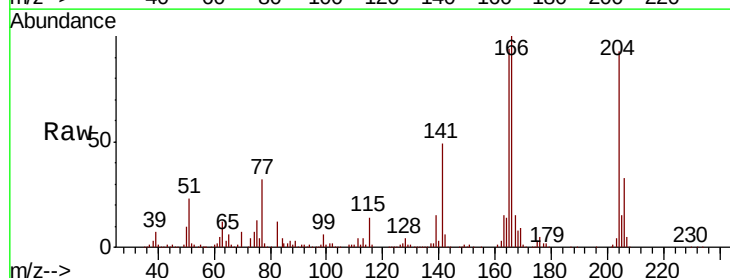
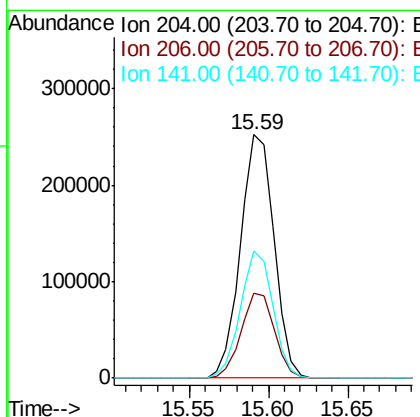
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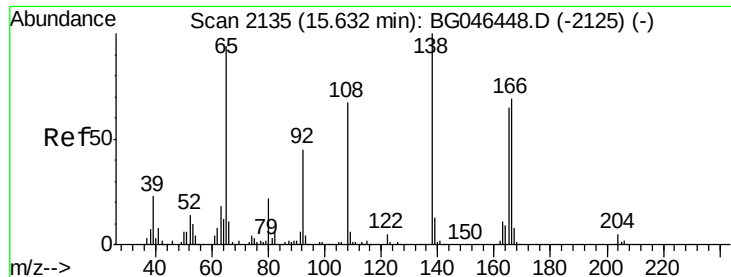
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#61
4-Chlorophenyl-phenylether
Concen: 41.105 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.8	41.8
141	52.4	41.5	62.3





#62

4-Nitroaniline

Concen: 34.579 ng

RT: 15.62 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

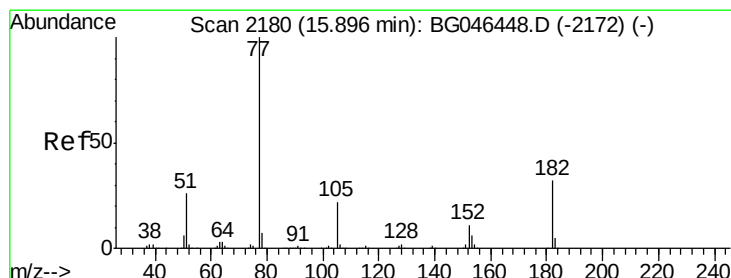
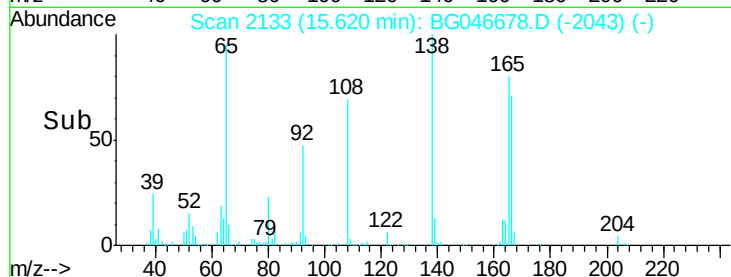
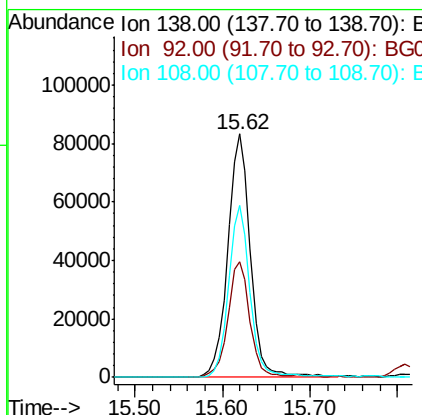
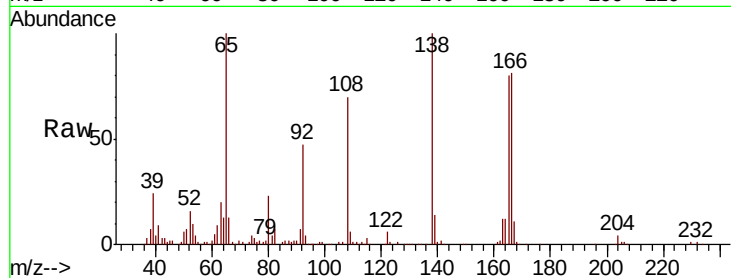
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	138	Resp:	147766
Ion Ratio	Lower	Upper	
138	100		
92	47.3	26.9	66.9
108	70.4	49.4	89.4

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#63

Azobenzene

Concen: 42.366 ng

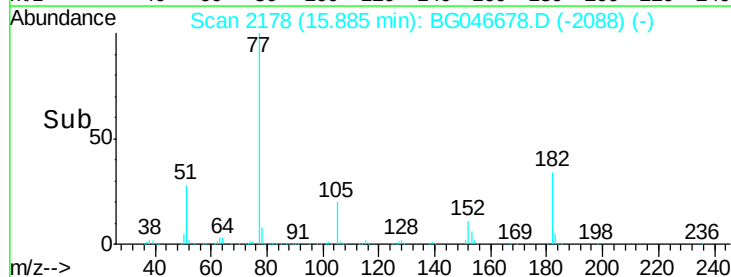
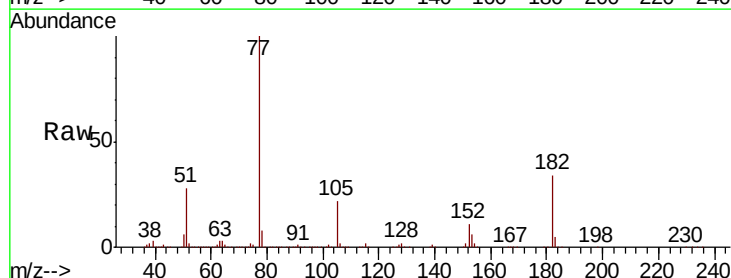
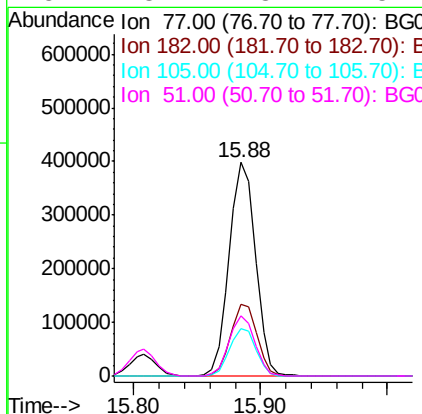
RT: 15.88 min Scan# 2178

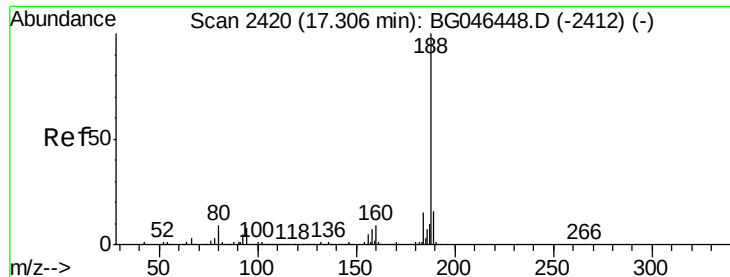
Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	77	Resp:	569905
Ion Ratio	Lower	Upper	
77	100		
182	33.6	14.0	54.0
105	22.4	3.0	43.0
51	28.1	8.1	48.1





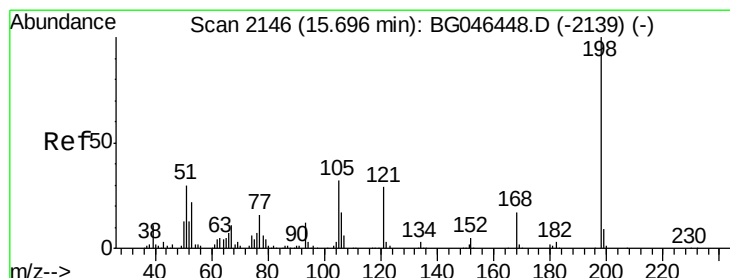
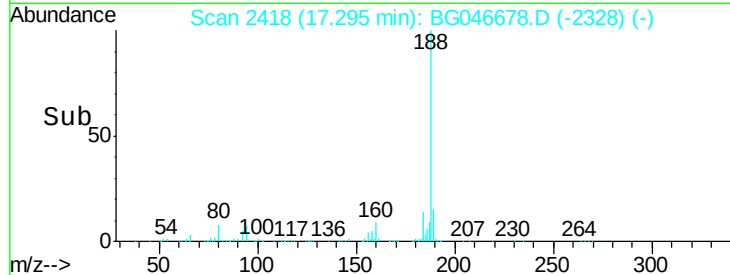
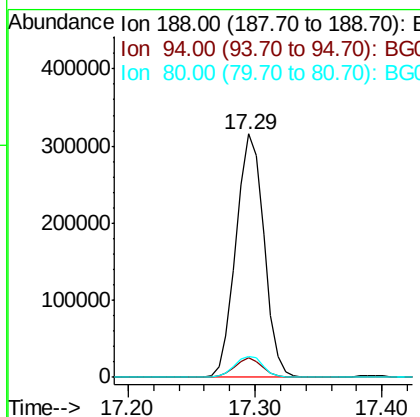
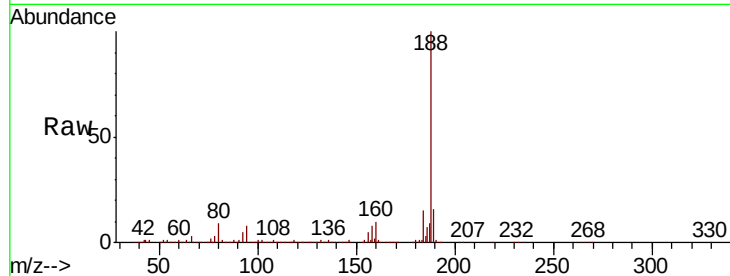
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	481847		
94	8.2		6.3	9.5
80	8.6		7.0	10.6

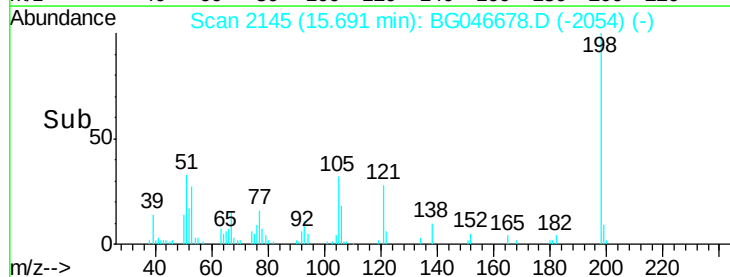
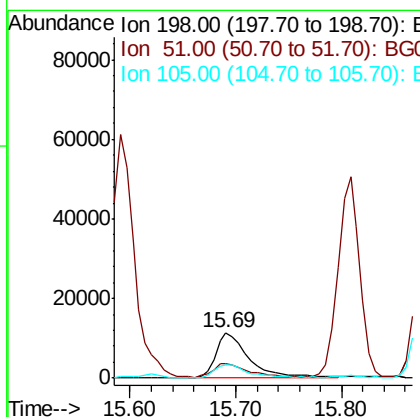
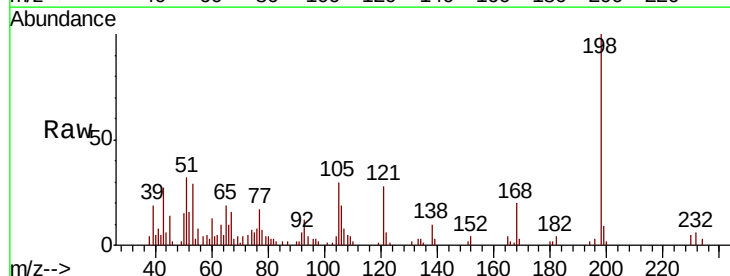
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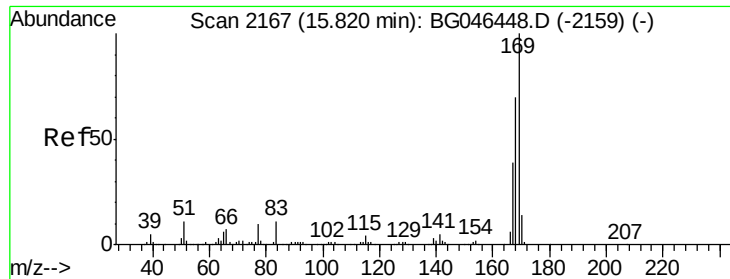
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#65
4,6-Dinitro-2-methylphenol
Concen: 9.308 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25385		
51	31.7		10.4	50.4
105	30.3		12.9	52.9





#66

n-Nitrosodiphenylamine

Concen: 46.457 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

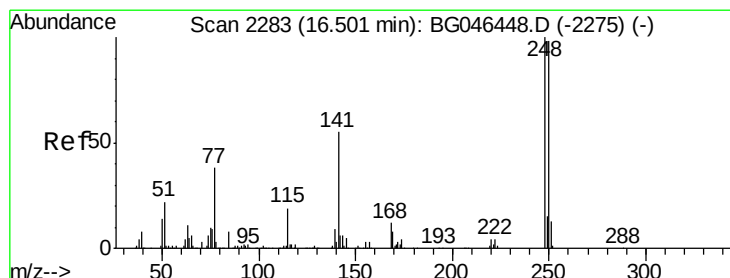
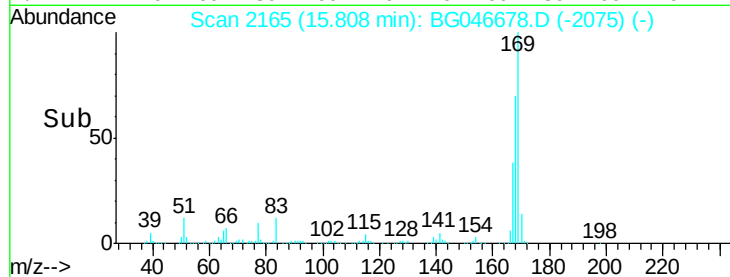
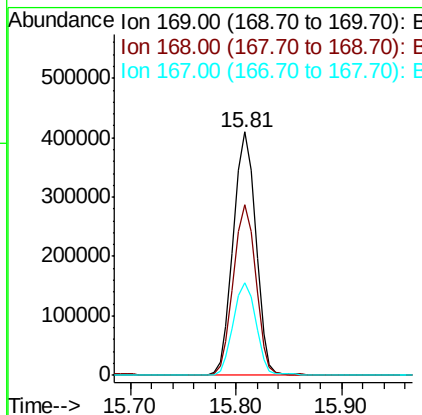
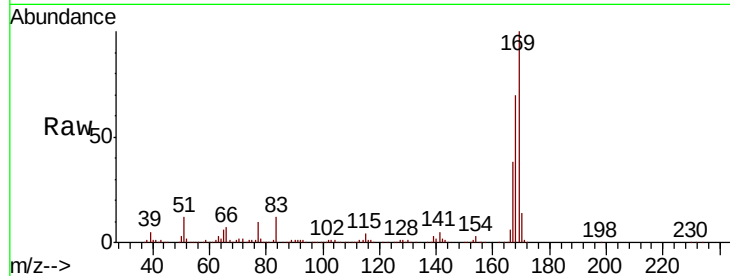
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	169	Resp:	603909
Ion Ratio	Lower	Upper	
169	100		
168	70.3	55.5	83.3
167	38.0	30.5	45.7

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#67

4-Bromophenyl-phenylether

Concen: 45.446 ng

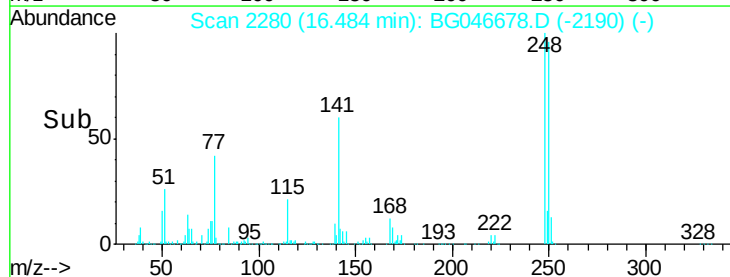
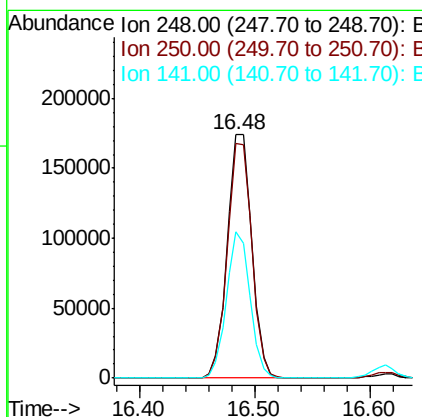
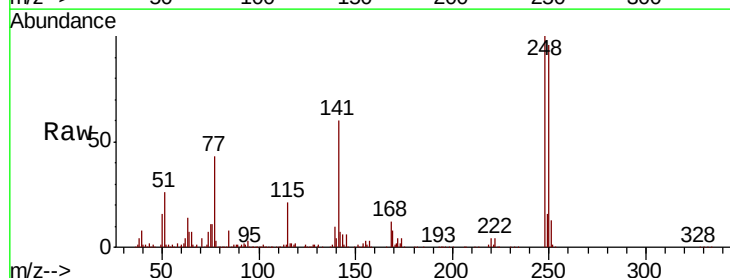
RT: 16.48 min Scan# 2280

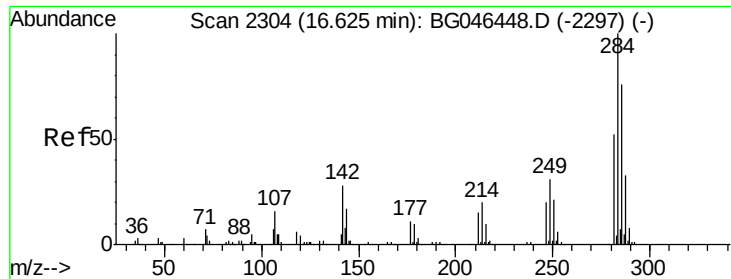
Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	248	Resp:	255477
Ion Ratio	Lower	Upper	
248	100		
250	96.4	78.9	118.3
141	60.0	46.2	69.4





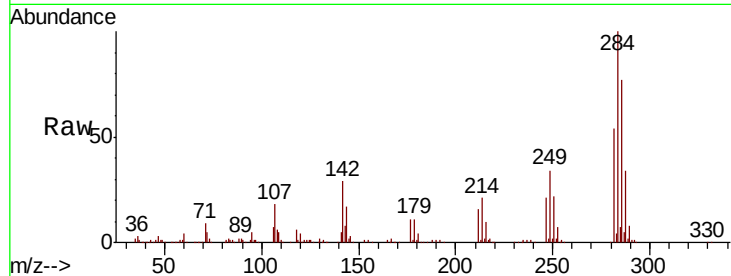
#68
Hexachlorobenzene
Concen: 42.356 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

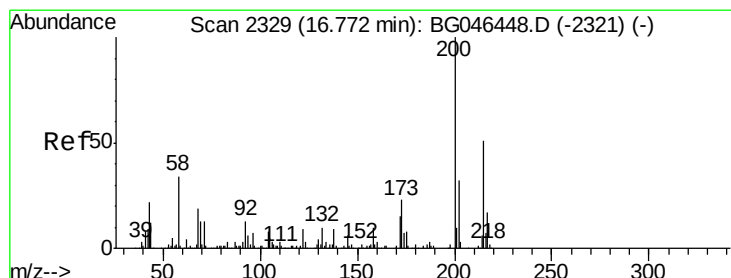
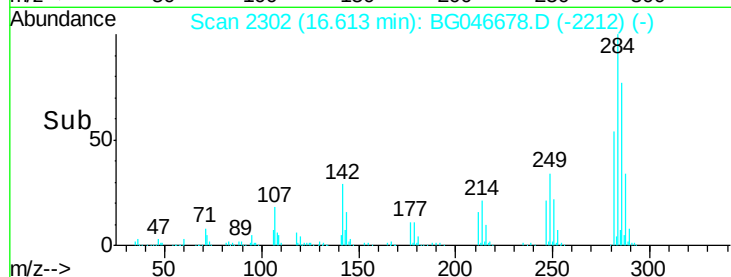
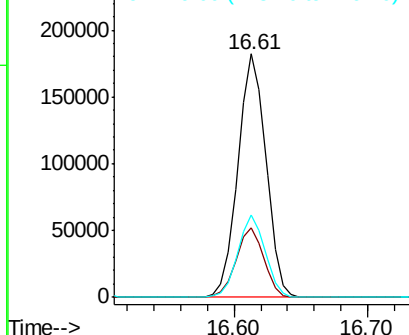
Tot Ion	Ratio	Resp	Lower	Upper
284	100	263701		
142	28.8		21.1	31.7
249	33.7		25.9	38.9

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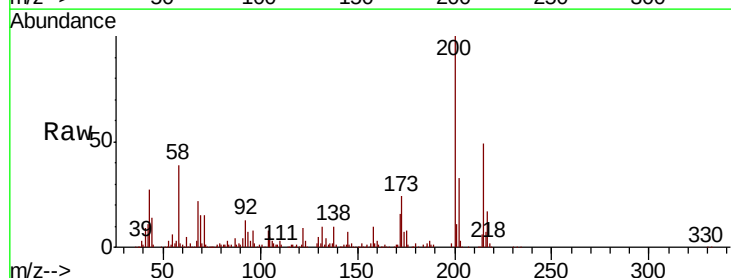


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

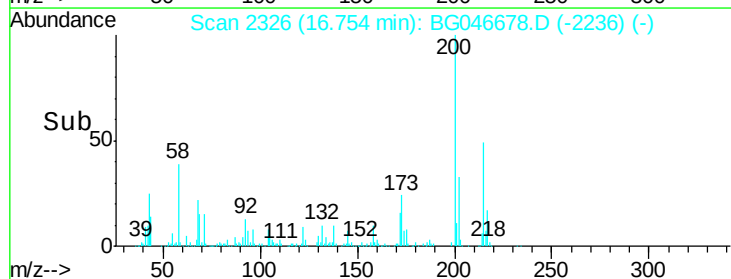
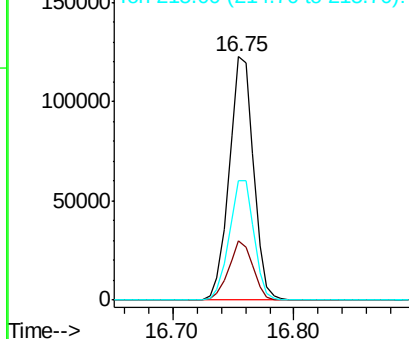


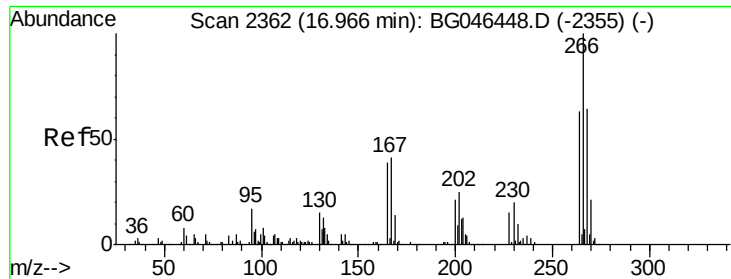
#69
Atrazine
Concen: 32.364 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171627		
173	24.3		4.2	44.2
215	48.8		30.0	70.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





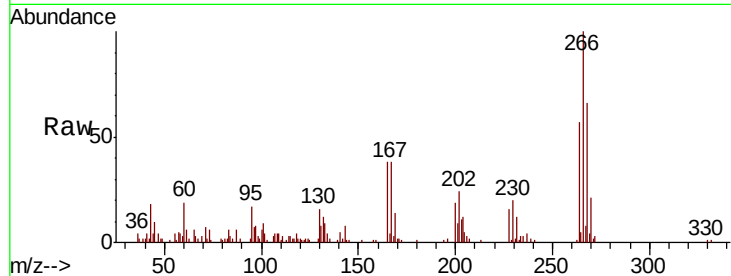
#70
 Pentachlorophenol
 Concen: 14.178 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

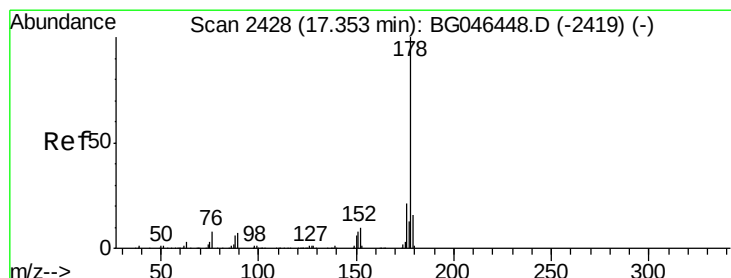
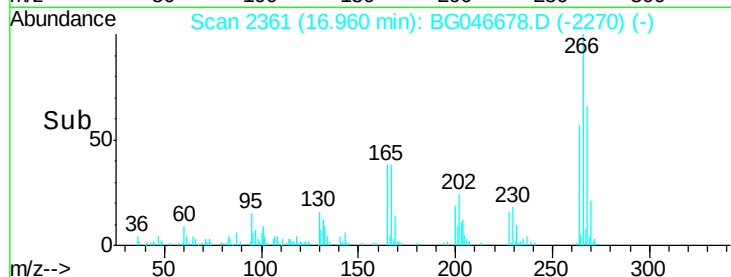
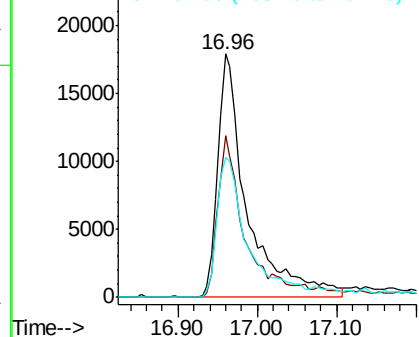
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	49.8	74.6
264	57.3	49.3	73.9

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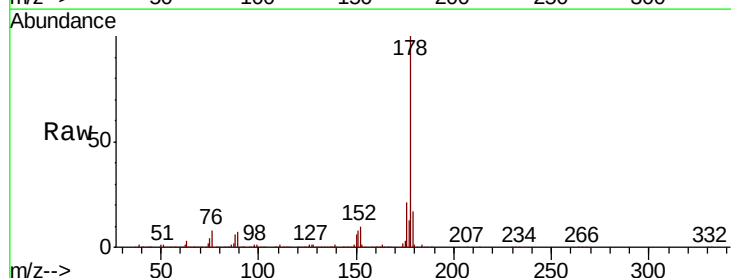


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

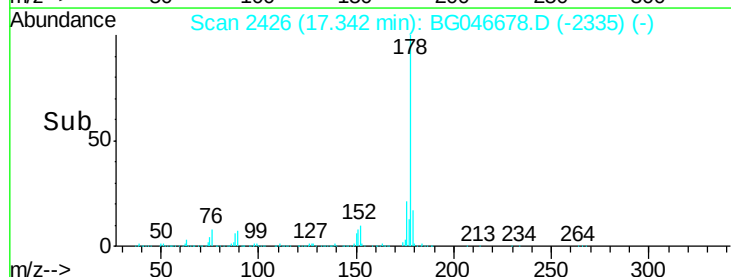
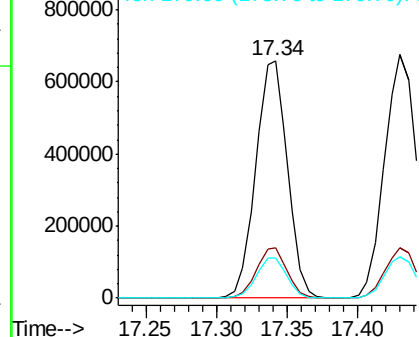


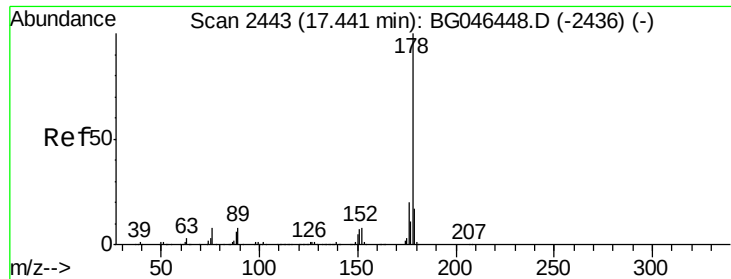
#71
 Phenanthrene
 Concen: 42.520 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.7	25.1
179	16.8	14.0	21.0



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





#72

Anthracene

Concen: 44.153 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:178 Resp: 1063958

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

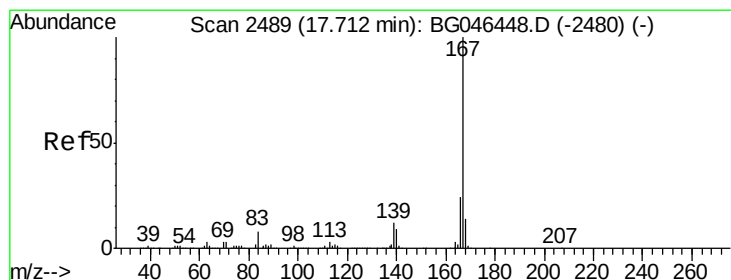
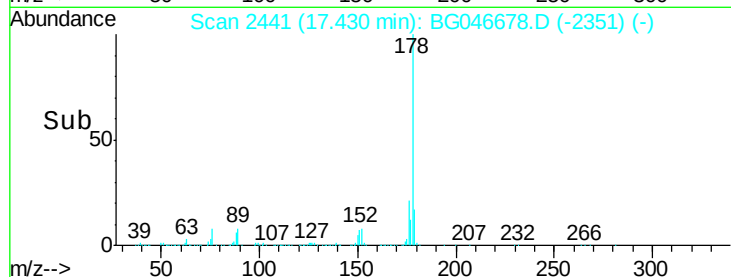
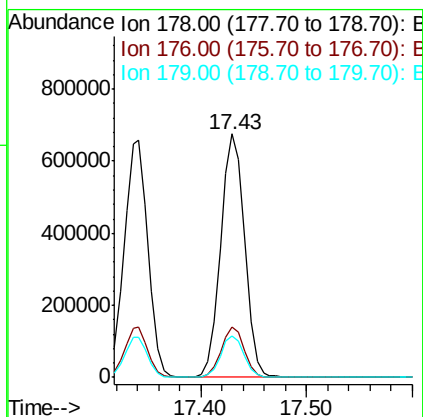
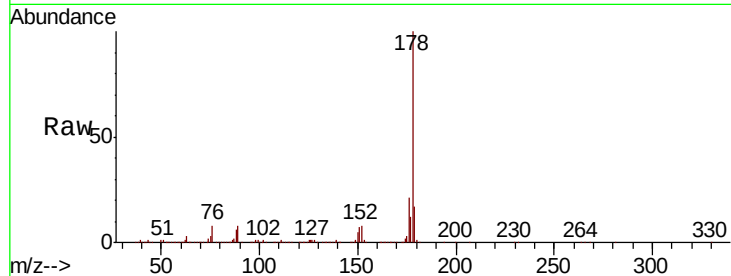
179 17.2 13.8 20.6

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#73

Carbazole

Concen: 42.277 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

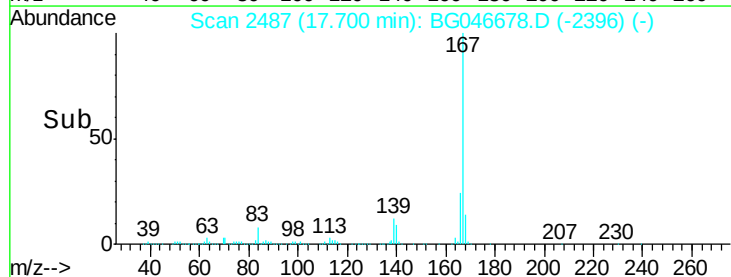
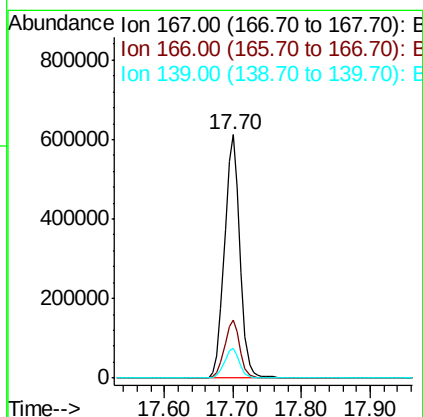
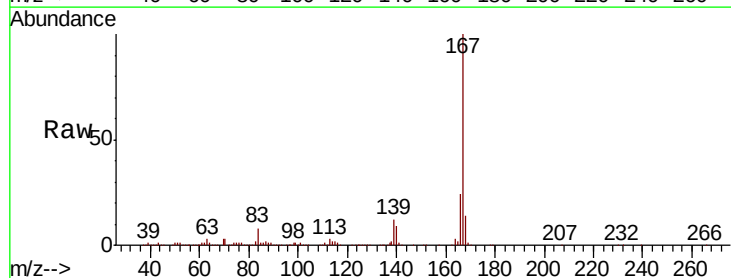
Tgt Ion:167 Resp: 961855

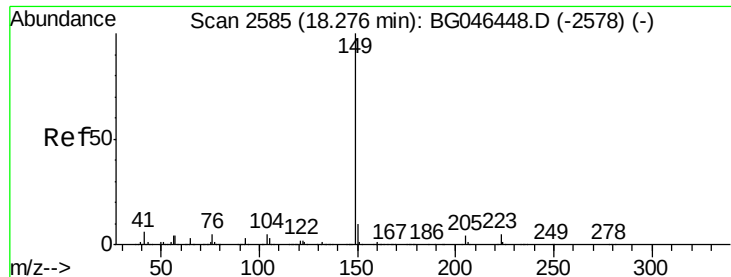
Ion Ratio Lower Upper

167 100

166 23.8 18.7 28.1

139 12.2 9.6 14.4





#74

Di-n-butylphthalate

Concen: 41.115 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

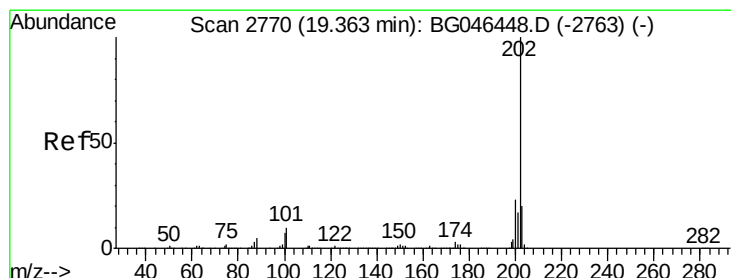
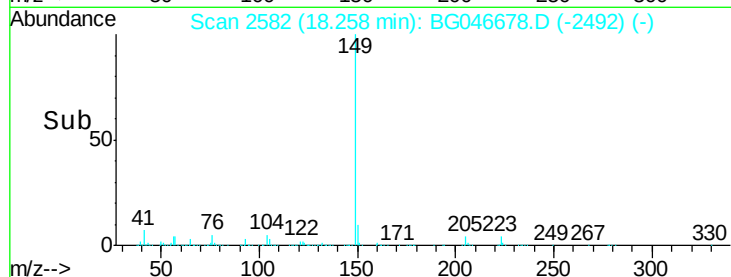
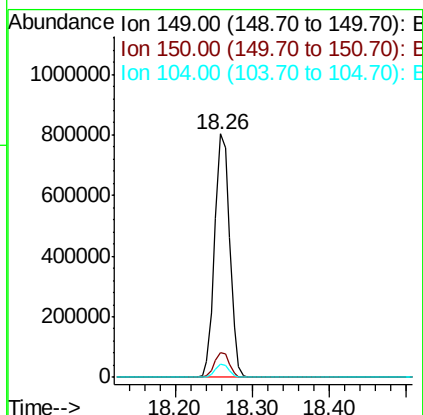
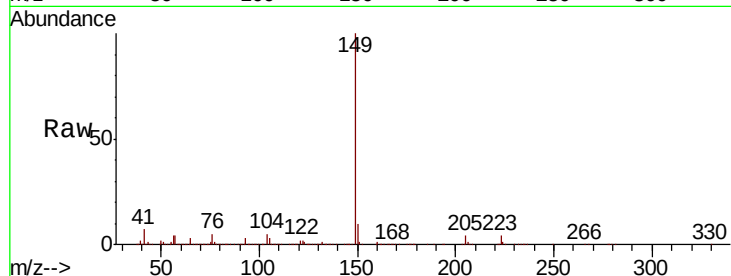
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion:	149	Resp:	1075631
Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.4
104	5.2	3.8	5.8

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#75

Fluoranthene

Concen: 39.526 ng

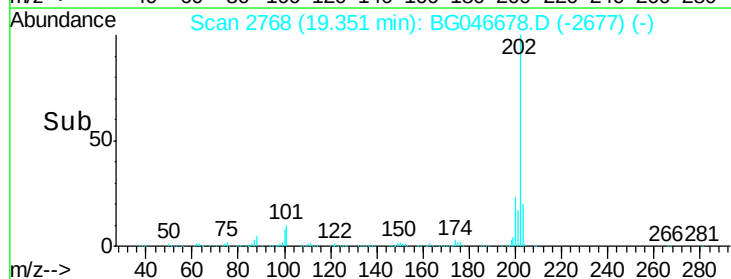
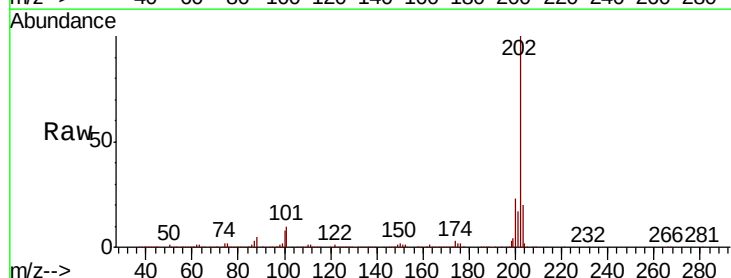
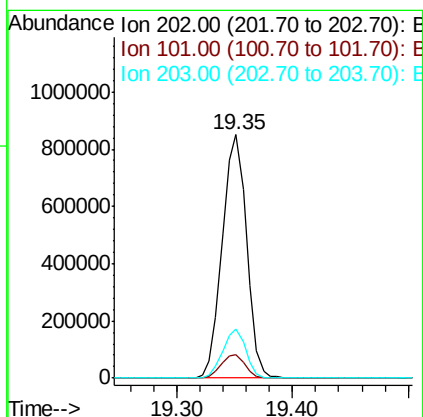
RT: 19.35 min Scan# 2768

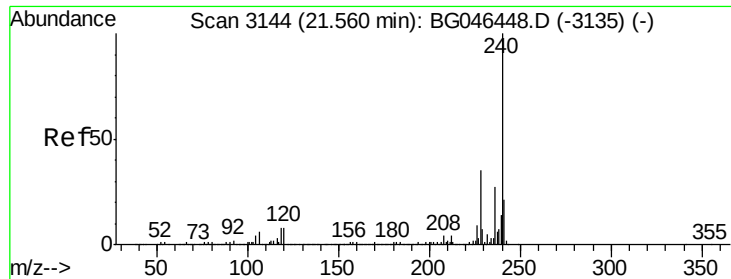
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion:	202	Resp:	1242328
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.7
203	19.9	0.0	39.2





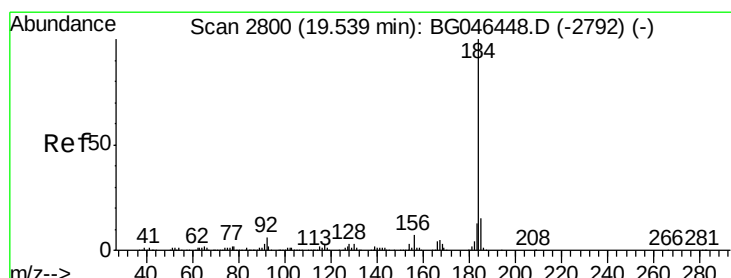
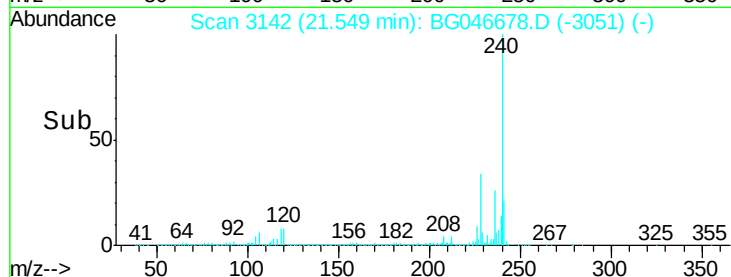
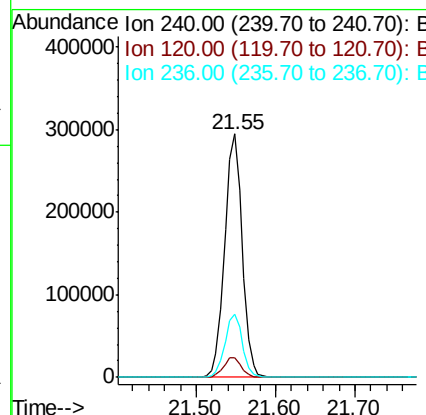
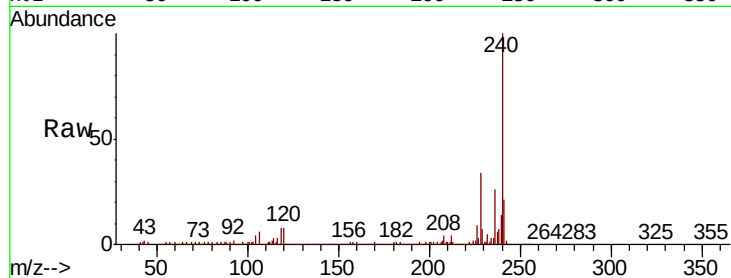
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.4
236	25.8	20.5	30.7

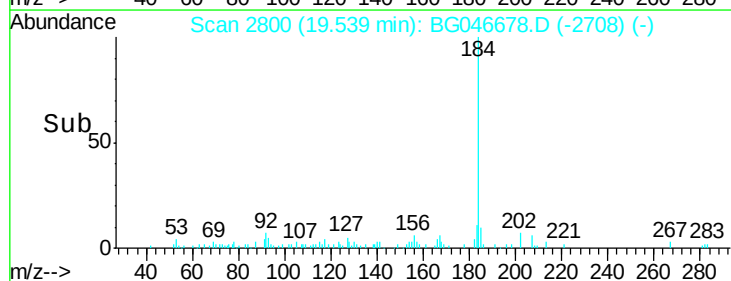
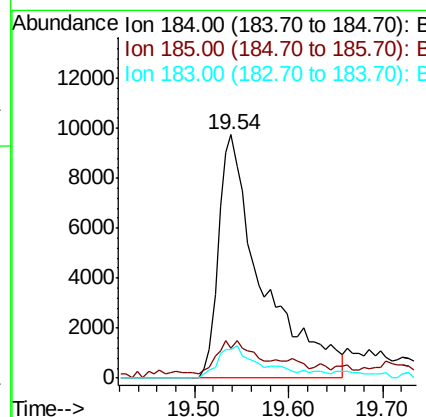
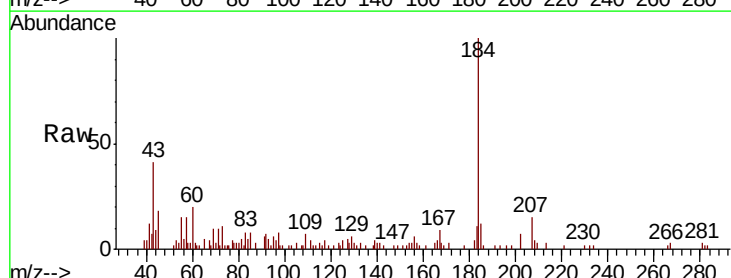
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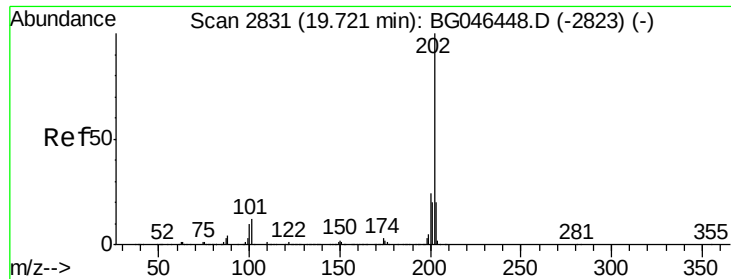
mohammad
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#77
Benzidine
Concen: 3.010 ng
RT: 19.54 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.1	12.4	18.6#
183	11.5	10.6	15.8





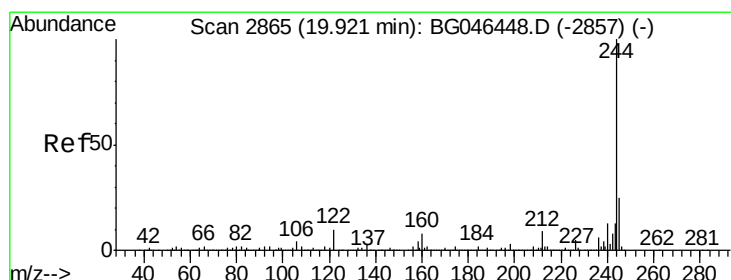
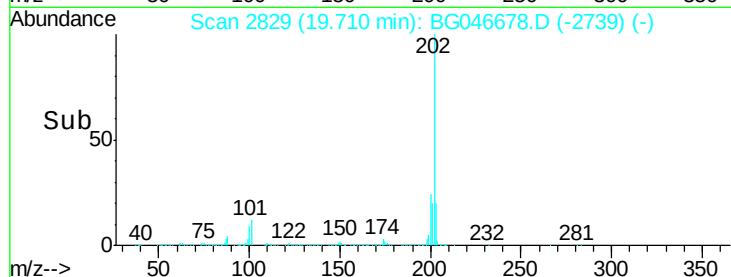
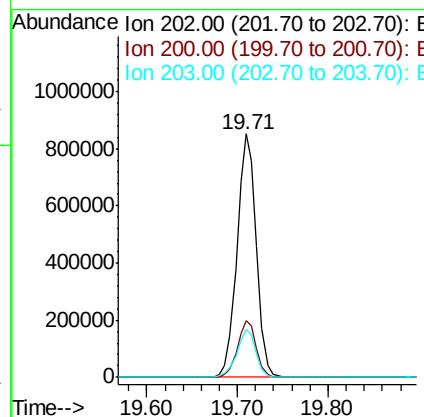
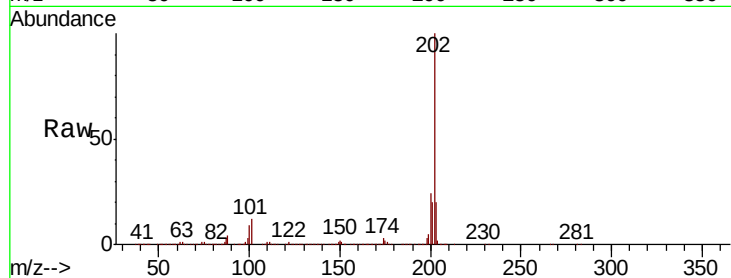
#78
Pvrene
Concen: 43.894 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.6	27.8
203	19.8	15.3	22.9

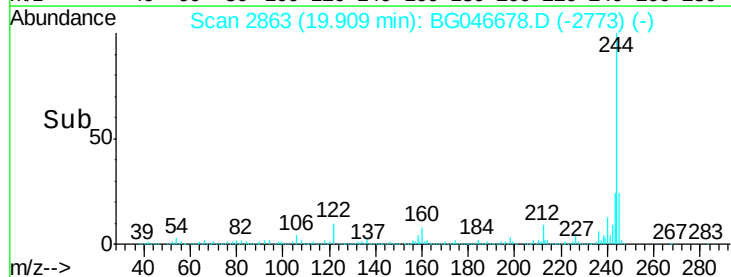
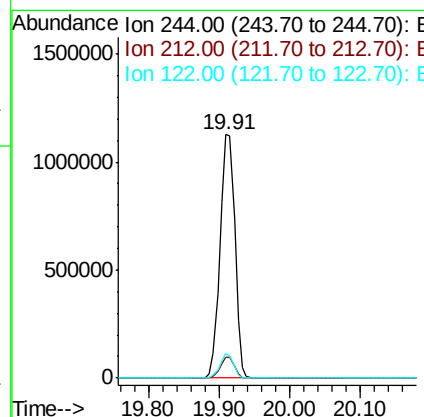
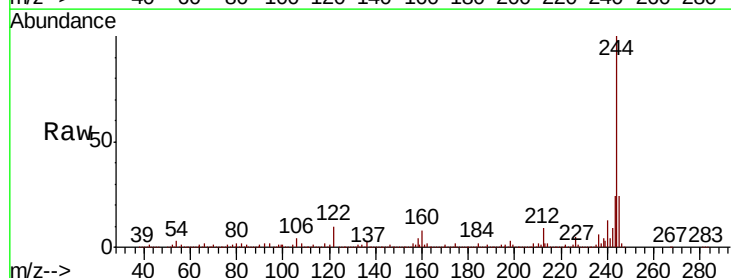
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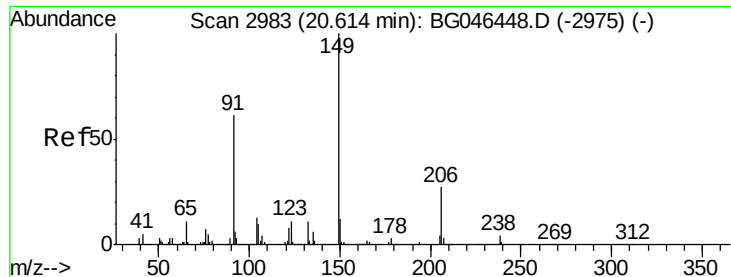
mohammad
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#79
Terphenyl-d14
Concen: 78.214 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	10.0	7.8	11.6





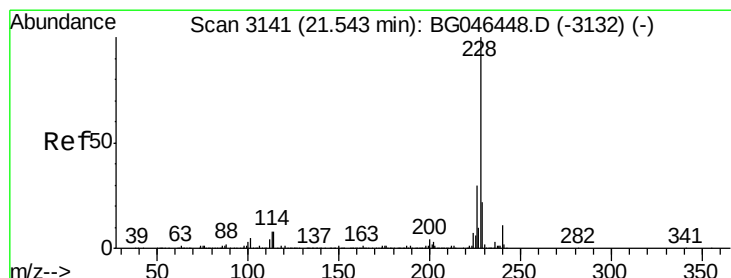
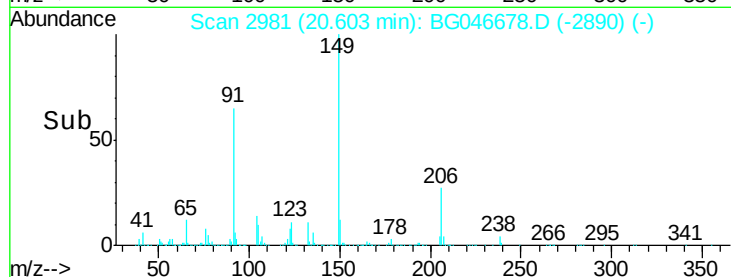
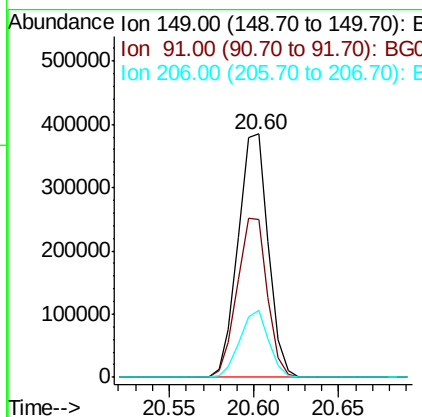
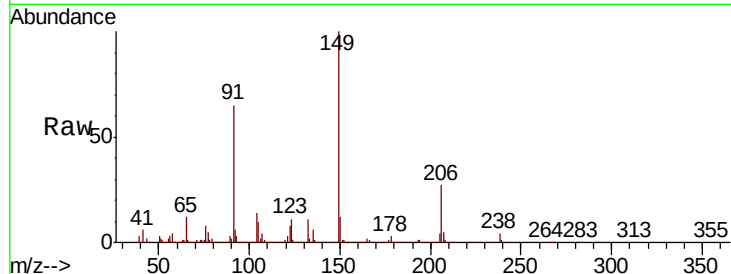
#80
Butylbenzylphthalate
Concen: 42.900 ng
RT: 20.60 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		480232		
91	64.7	51.5	77.3		
206	27.4	21.2	31.8		

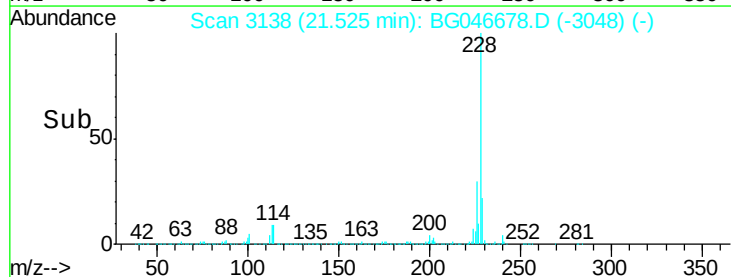
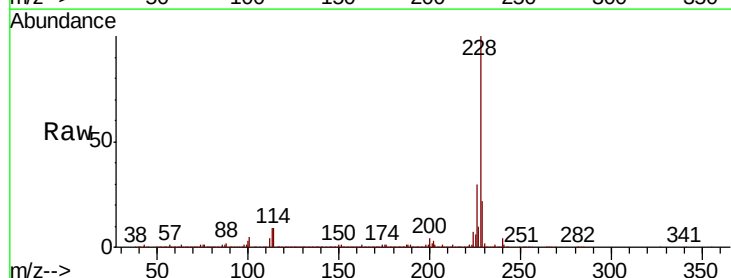
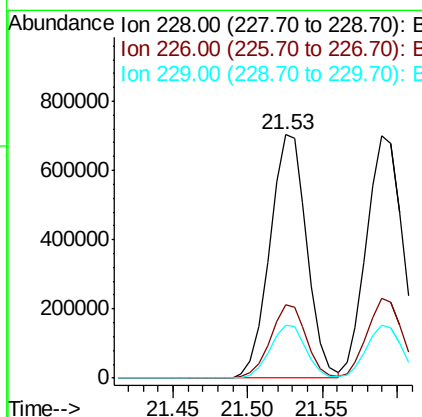
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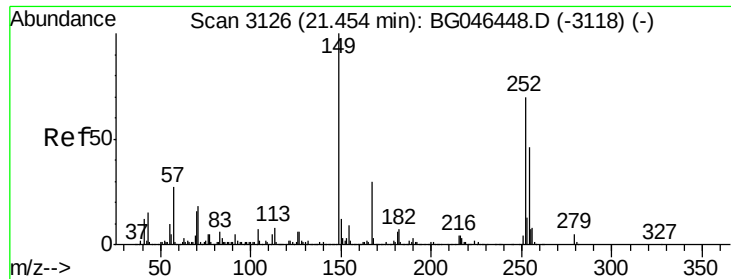
mohammad
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#81
Benzo(a)anthracene
Concen: 42.987 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1207519		
226	29.9	23.3	34.9		
229	21.9	17.4	26.0		





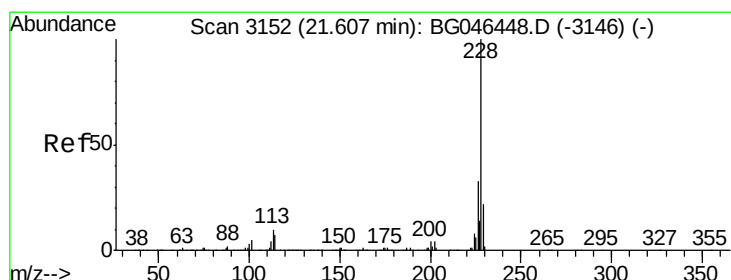
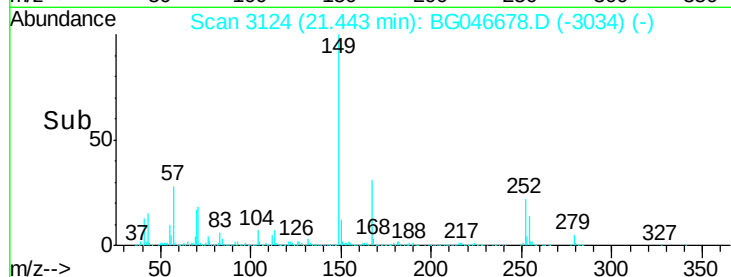
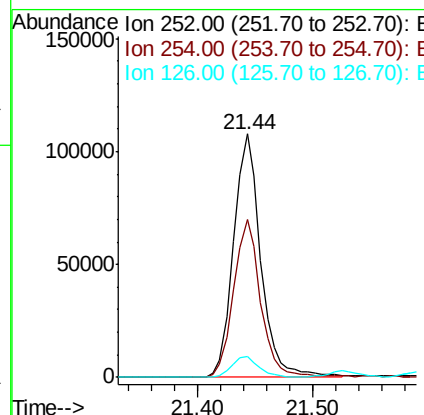
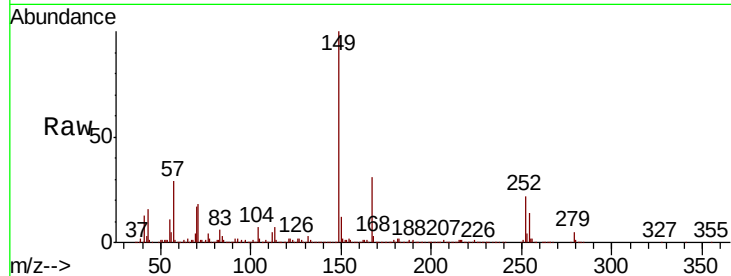
#82
 3,3'-Dichlorobenzidine
 Concen: 16.890 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.2	79.8
126	8.5	6.8	10.2

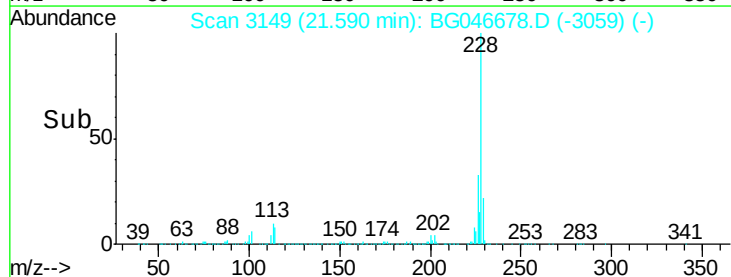
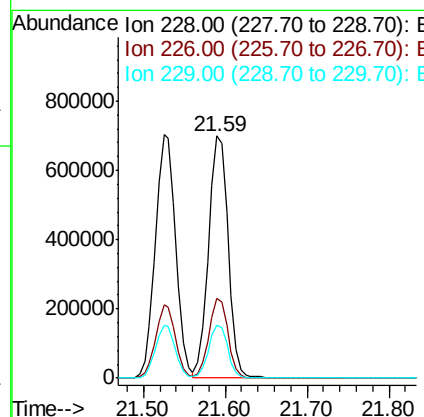
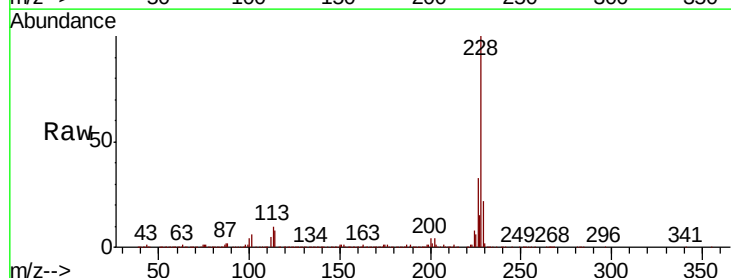
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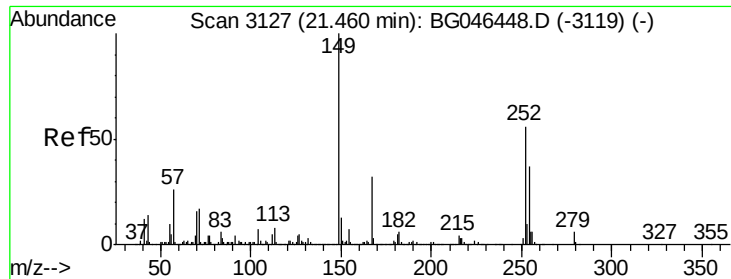
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#83
 Chrysene
 Concen: 43.161 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.4
229	22.0	17.3	25.9





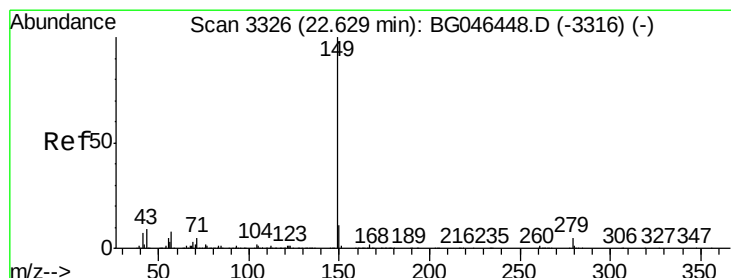
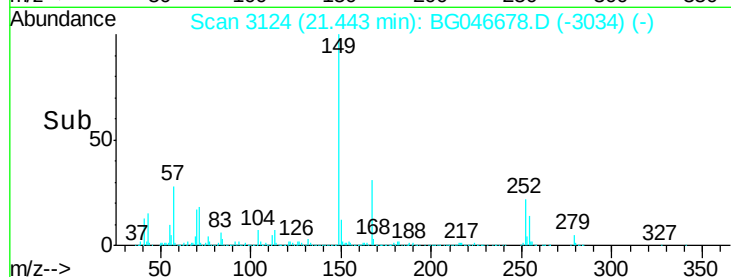
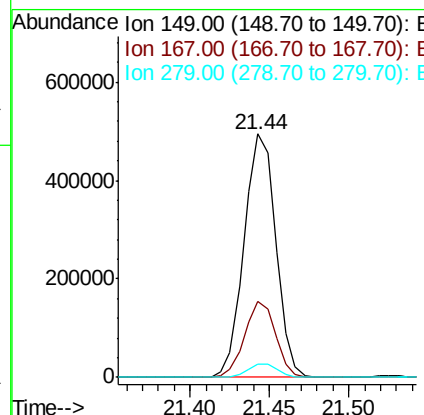
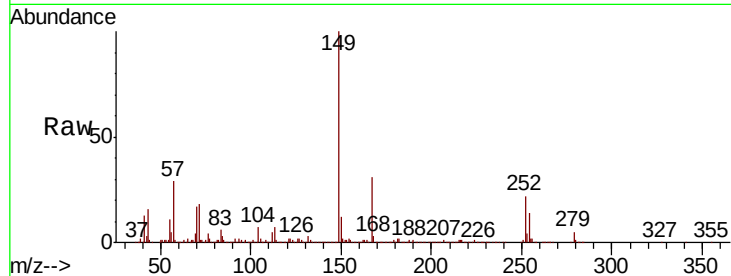
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.760 ng
 RT: 21.44 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.8	37.2
279	5.4	4.6	7.0

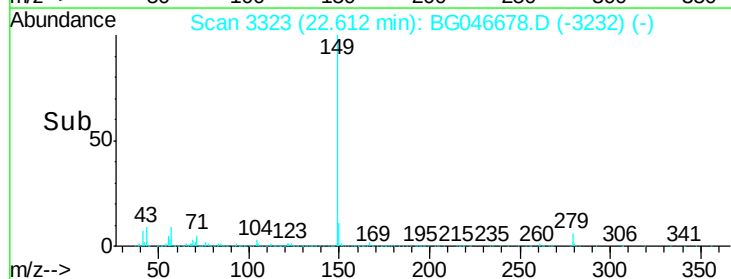
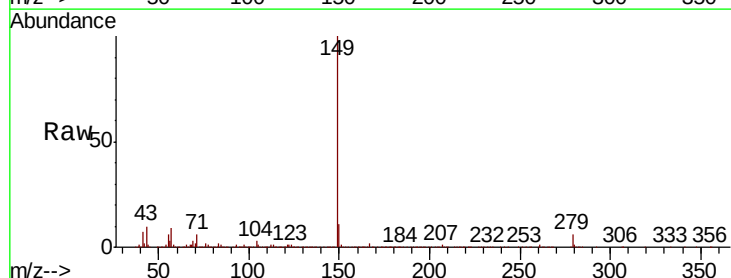
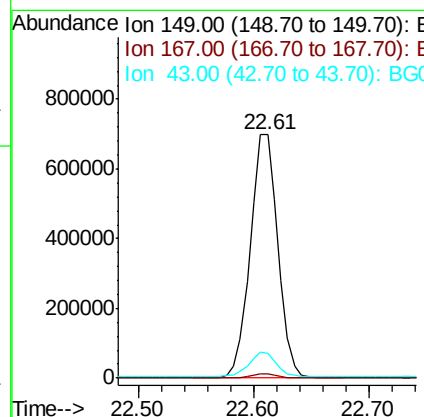
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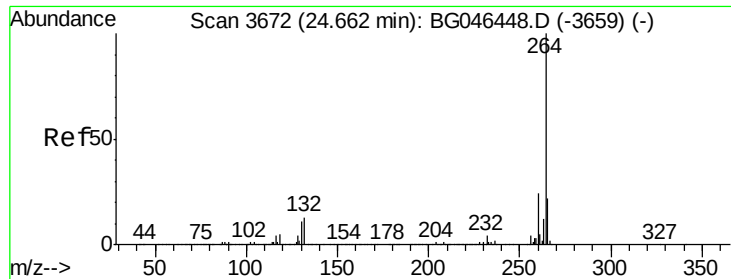
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#85
 Di-n-octyl phthalate
 Concen: 44.264 ng
 RT: 22.61 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.4	6.8	10.2





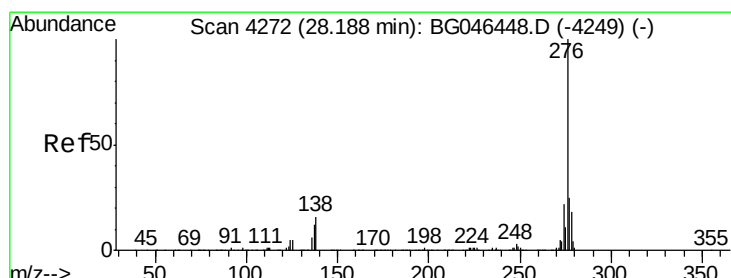
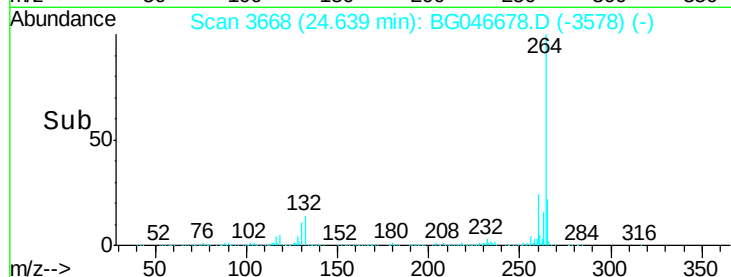
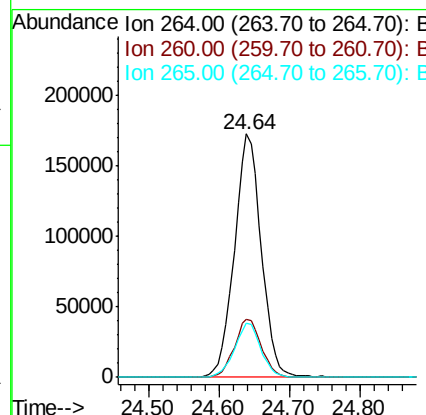
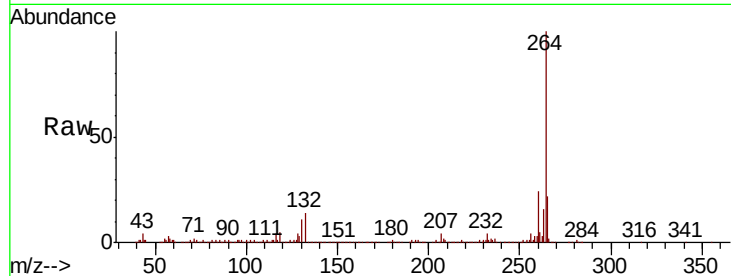
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.4	17.8	26.8

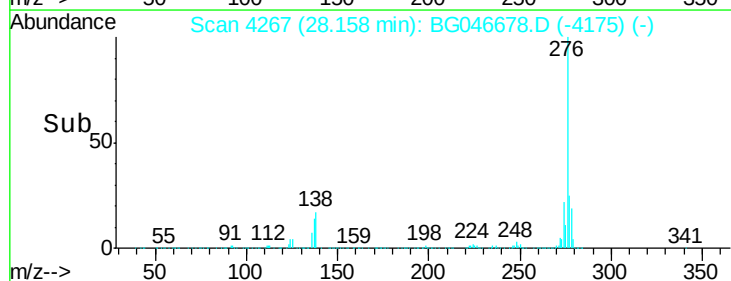
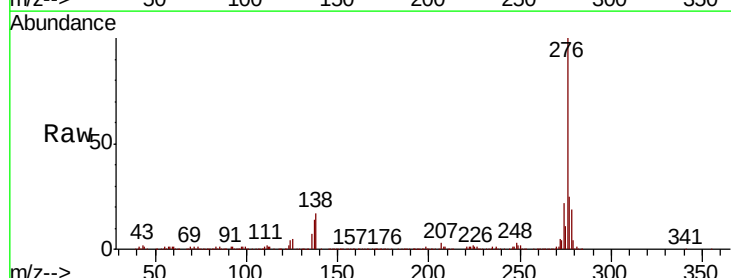
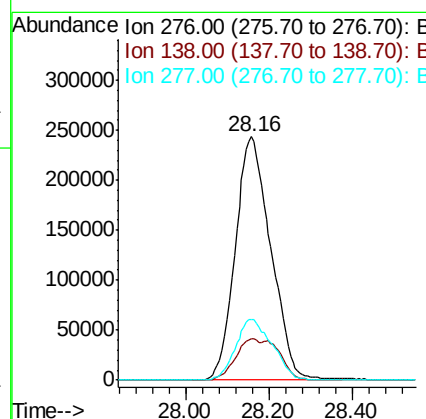
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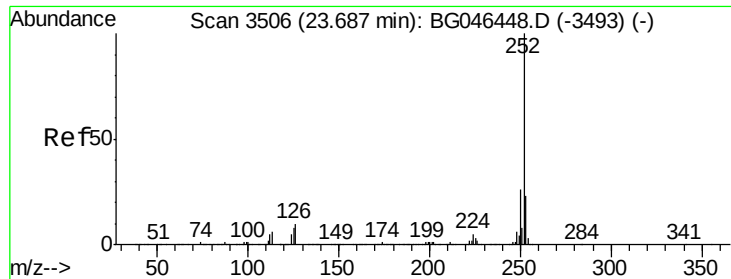
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 43.977 ng
RT: 28.16 min Scan# 4267
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	16.2	24.2#
277	26.1	20.3	30.5





#88

Benzo(b)fluoranthene

Concen: 43.491 ng

RT: 23.67 min Scan# 3503

Delta R.T. 0.01 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Instrument :

BNA_G

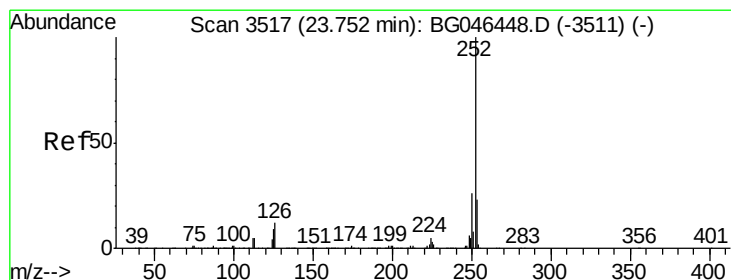
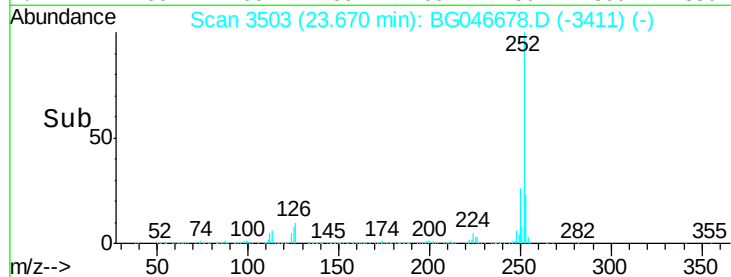
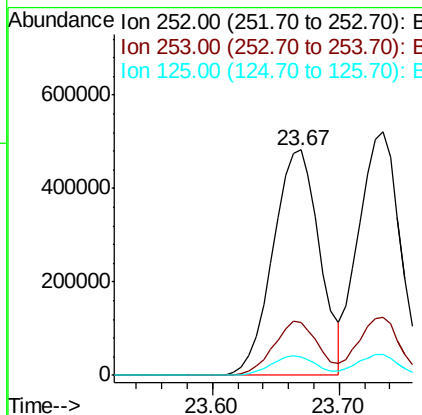
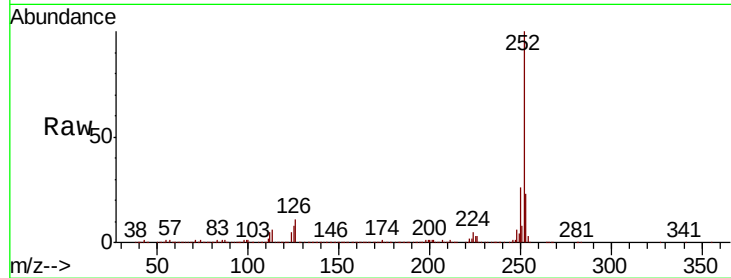
ClientSampleId :

PAV-B36-091620-0-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	8.1	6.5	9.7

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#89

Benzo(k)fluoranthene

Concen: 43.230 ng

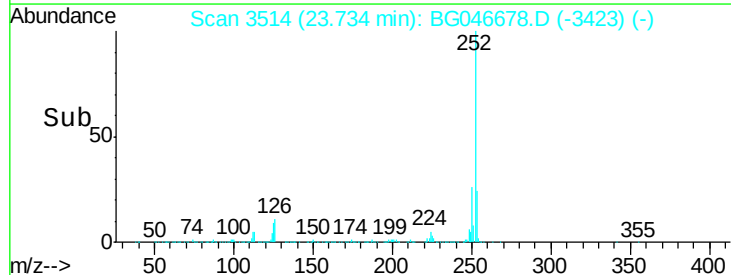
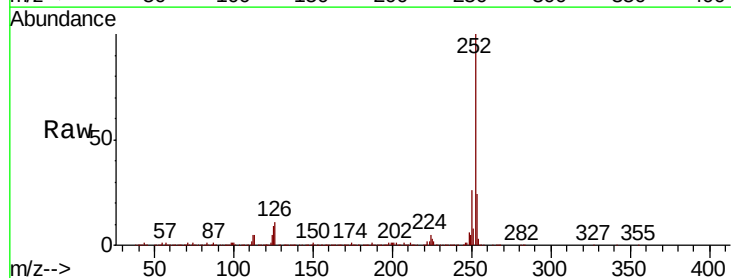
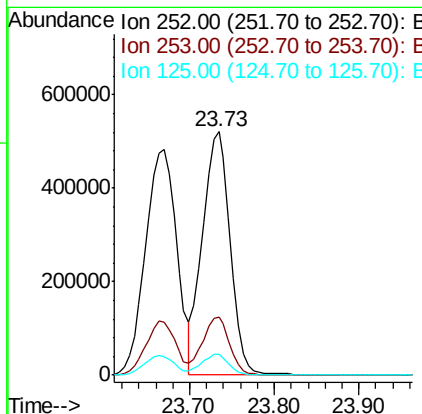
RT: 23.73 min Scan# 3514

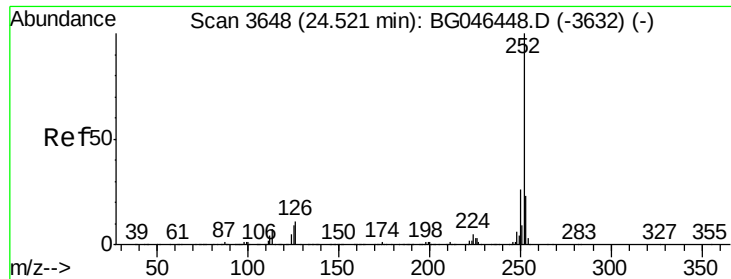
Delta R.T. 0.00 min

Lab File: BG046678.D

Acq: 18 Sep 2020 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	8.6	6.8	10.2





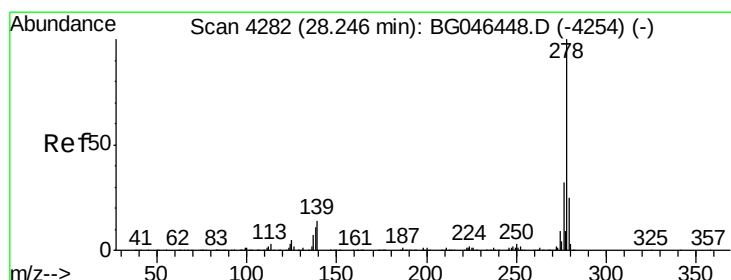
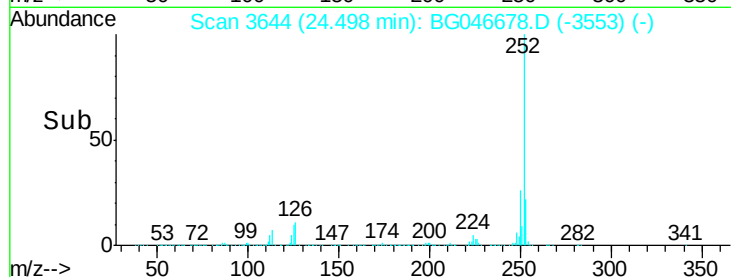
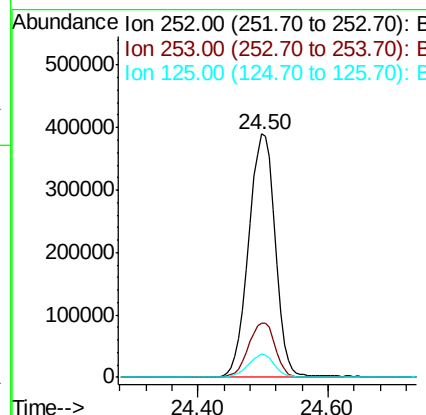
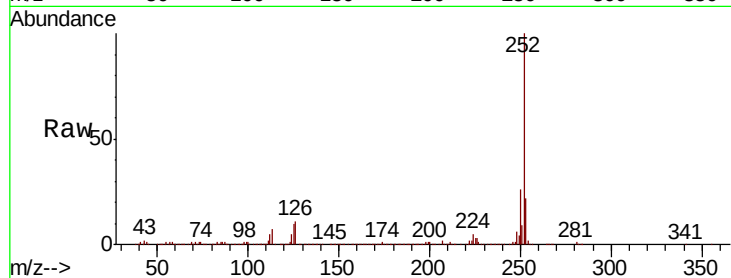
#90
Benzo(a)pyrene
Concen: 41.676 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Tot Ion:252 Resp: 1105739
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.6 7.0 10.4

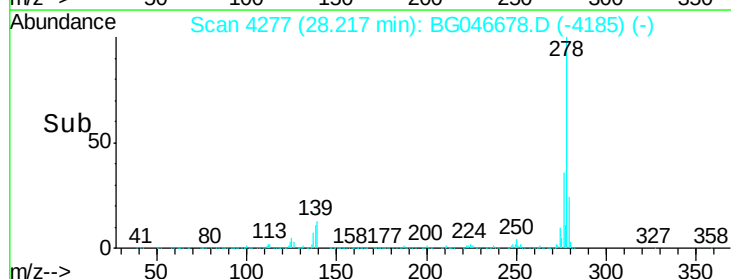
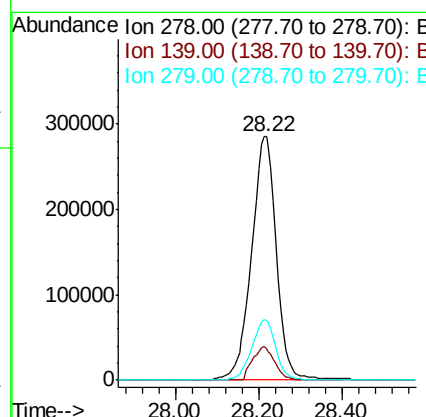
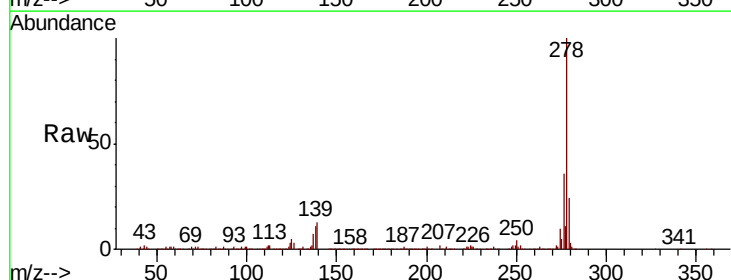
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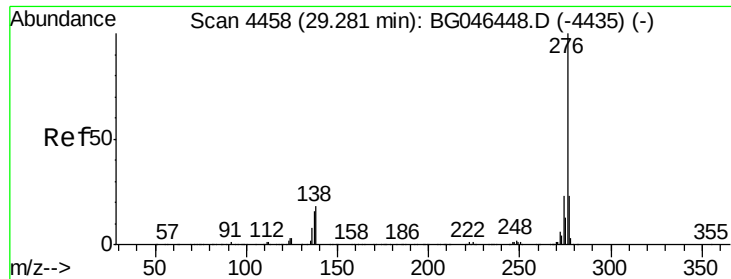
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 45.057 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.01 min
Lab File: BG046678.D
Acq: 18 Sep 2020 20:47

Tgt Ion:278 Resp: 1189029
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 24.3 19.4 29.0





#92
 Benzo(a,h,i)perylene
 Concen: 46.157 ng
 RT: 29.26 min Scan# 4454
 Delta R.T. 0.02 min
 Lab File: BG046678.D
 Acq: 18 Sep 2020 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B36-091620-0-10MSD

Tot Ion:	276	Resp:	1216329
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.4	13.4	20.2

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