

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\  
 Data File : BG044258.D  
 Acq On : 31 Jan 2020 13:52  
 Operator : CG/JU  
 Sample : PB126492BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126492BS

Manual Integrations  
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 2/3/2020 4:10:43 PM

Quant Time: Jan 31 23:53:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	79970	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	355539	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	254697	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	559353	20.00	ng	0.00
76) Chrysene-d12	21.55	240	474522	20.00	ng	0.00
87) Perylene-d12	24.64	264	515752	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	598754	132.14	ng	0.00
7) Phenol-d6	7.09	99	823845	135.39	ng	0.00
23) Nitrobenzene-d5	9.07	82	431388	68.50	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	349493	116.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1040478	68.41	ng	0.00
79) Terphenyl-d14	19.92	244	1551150	67.24	ng	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	76397	37.525	ng	98
3) Pyridine	3.77	79	185686	34.234	ng	97
4) n-Nitrosodimethylamine	3.68	42	92839	40.960	ng	96
6) Aniline	7.24	93	262407	34.743	ng	99
8) 2-Chlorophenol	7.48	128	236838	47.558	ng	99
9) Benzaldehyde	7.05	77	117352	33.863	ng	96
10) Phenol	7.12	94	298061	49.496	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	214395	41.643	ng	96
12) 1,3-Dichlorobenzene	7.81	146	234092	39.370	ng	98
13) 1,4-Dichlorobenzene	7.95	146	236129	40.096	ng	98
14) 1,2-Dichlorobenzene	8.27	146	226149	40.628	ng	98
15) Benzyl Alcohol	8.16	79	201734	46.829	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	283373	40.667	ng	99
17) 2-Methylphenol	8.37	107	215463	50.148	ng	99
18) Hexachloroethane	9.00	117	87095	39.411	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	175610	43.304	ng	99
20) 3+4-Methylphenols	8.69	107	297194	50.191	ng	98
22) Acetophenone	8.74	105	329868	38.139	ng	98
24) Nitrobenzene	9.12	77	246151	40.037	ng	99
25) Isophorone	9.64	82	487239	41.510	ng	99
26) 2-Nitrophenol	9.83	139	137439	43.083	ng	99
27) 2,4-Dimethylphenol	9.90	122	242235	53.792	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	312797	39.947	ng	99
29) 2,4-Dichlorophenol	10.37	162	254235	46.690	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	236122	37.818	ng	97
31) Naphthalene	10.77	128	709729	41.144	ng	99
32) Benzoic acid	10.03	122	47744	25.515	ng	94
33) 4-Chloroaniline	10.88	127	187673	23.922	ng	99
34) Hexachlorobutadiene	11.07	225	135215	35.195	ng	99
35) Caprolactam	11.64	113	98425m	49.344	ng	
36) 4-Chloro-3-methylphenol	12.01	107	283180	49.603	ng	98
37) 2-Methylnaphthalene	12.38	142	552403	43.131	ng	99
38) 1-Methylnaphthalene	12.60	142	526171	43.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	263668	34.607	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	305076	83.451	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	207756	42.187	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	228030	45.334	ng	98
46) 1,1'-Biphenyl	13.39	154	720796	39.234	ng	100
47) 2-Chloronaphthalene	13.43	162	562949	38.507	ng	99
48) 2-Nitroaniline	13.63	65	177218	41.076	ng	97
49) Acenaphthylene	14.28	152	914269	42.638	ng	99
50) Dimethylphthalate	14.02	163	750120	40.971	ng	99
51) 2,6-Dinitrotoluene	14.13	165	172236	42.192	ng	99
52) Acenaphthene	14.62	154	558528	40.187	ng	97
53) 3-Nitroaniline	14.46	138	128935	28.549	ng	96
54) 2,4-Dinitrophenol	14.66	184	135348	58.247	ng	97
55) Dibenzofuran	14.96	168	885953	42.103	ng	100
56) 4-Nitrophenol	14.77	139	293427	88.697	ng	99
57) 2,4-Dinitrotoluene	14.92	165	237785	41.560	ng	97
58) Fluorene	15.61	166	698839	42.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197634	43.499	ng	99
60) Diethylphthalate	15.38	149	762656	41.806	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	367411	40.885	ng	97
62) 4-Nitroaniline	15.62	138	168634	37.368	ng	96
63) Azobenzene	15.89	77	693255	43.359	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	127372	41.252	ng	97
66) n-Nitrosodiphenylamine	15.81	169	659627	42.080	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	241000	39.547	ng	99
68) Hexachlorobenzene	16.62	284	257074	37.653	ng	98
69) Atrazine	16.76	200	238416	44.374	ng	97
70) Pentachlorophenol	16.96	266	257105	74.686	ng	97
71) Phenanthrene	17.34	178	1095641	40.451	ng	99
72) Anthracene	17.44	178	1132416	42.288	ng	99
73) Carbazole	17.70	167	993316	40.237	ng	99
74) Di-n-butylphthalate	18.27	149	1226189	40.194	ng	100
75) Fluoranthene	19.35	202	1251966	39.957	ng	99
77) Benzidine	19.53	184	298328	22.666	ng	98
78) Pyrene	19.72	202	1258741	41.305	ng	99
80) Butylbenzylphthalate	20.61	149	564502	40.649	ng	98
81) Benzo(a)anthracene	21.53	228	1194711	40.851	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	319846	28.179	ng	99
83) Chrysene	21.60	228	1140132	40.333	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	801170	41.914	ng	99
85) Di-n-octyl phthalate	22.62	149	1402805	42.416	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1408957	38.204	ng	# 87
88) Benzo(b)fluoranthene	23.67	252	1256366	42.274	ng	100
89) Benzo(k)fluoranthene	23.73	252	1238519	42.758	ng	99
90) Benzo(a)pyrene	24.50	252	1172072	41.712	ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1144433	41.153	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1177757	42.306	ng	99

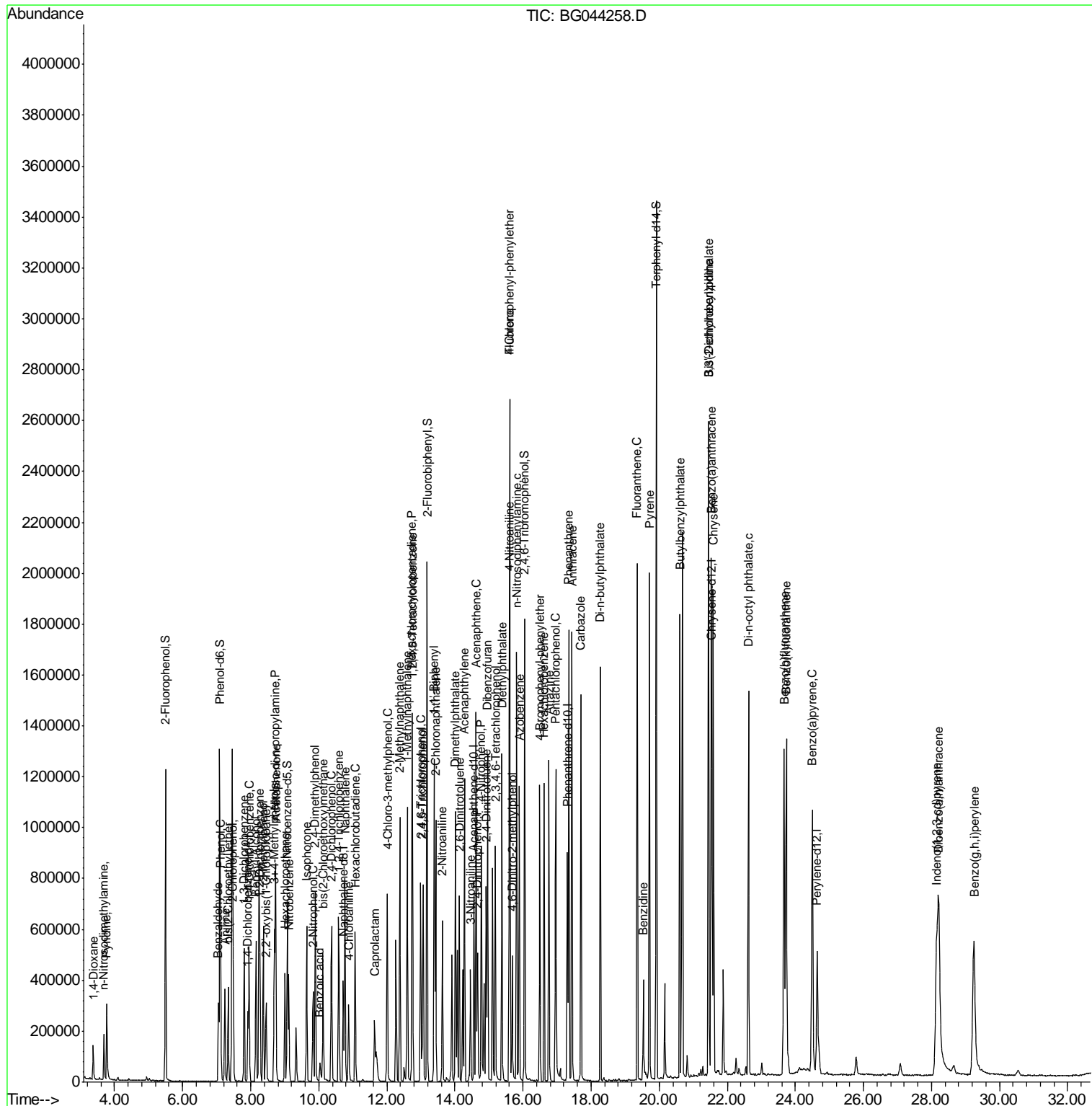
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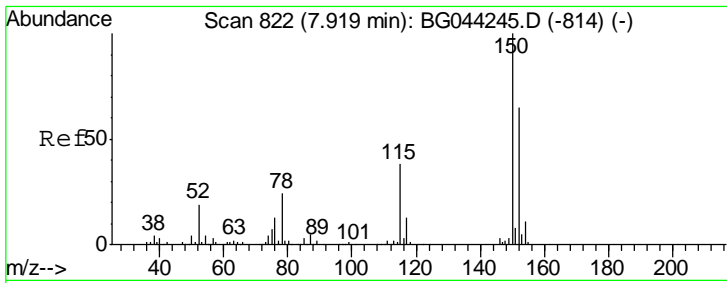
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\  
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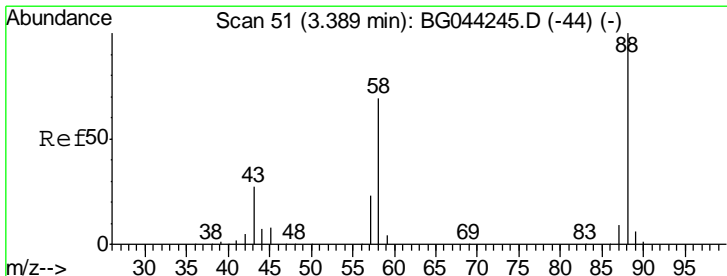
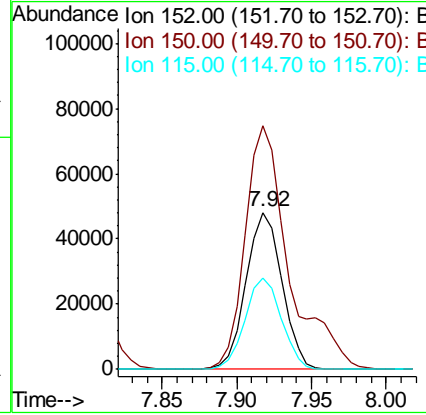
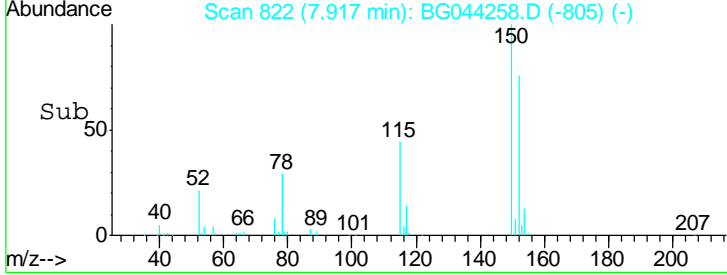
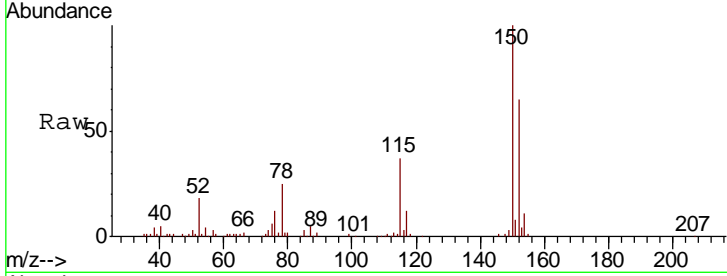
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.92 min Scan# 822  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
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 PB126492BS

Tgt Ion	Resp	Lower	Upper
152	100		
150	154.9	122.6	183.8
115	58.0	46.0	69.0

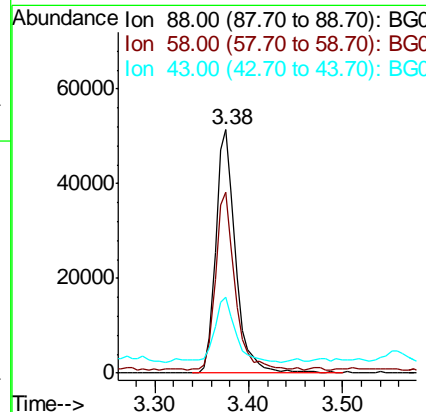
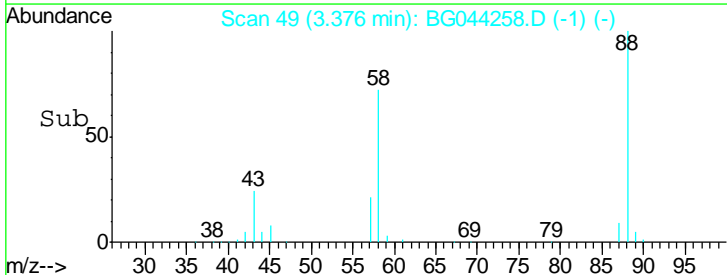
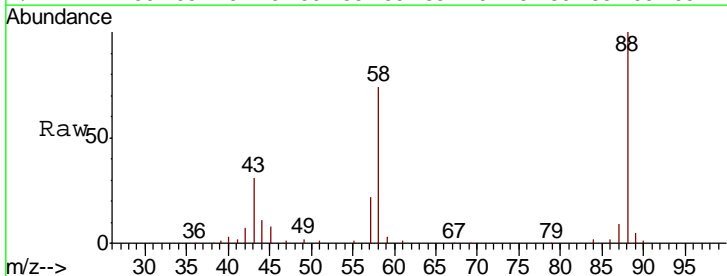
Manual Integrations  
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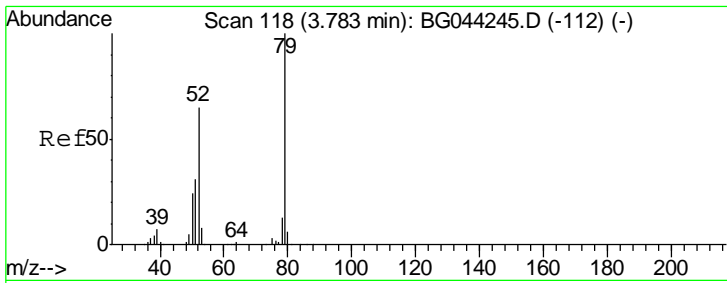
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#2  
 1,4-Dioxane  
 Concen: 37.525 ng  
 RT: 3.38 min Scan# 49  
 Delta R.T. -0.01 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
88	100		
58	71.8	55.8	83.6
43	27.3	21.6	32.4



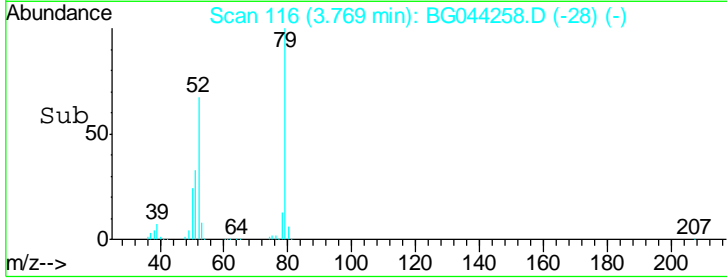
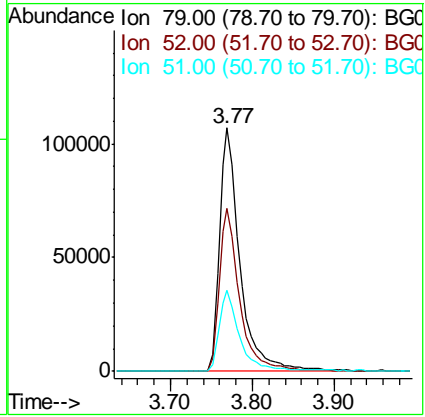
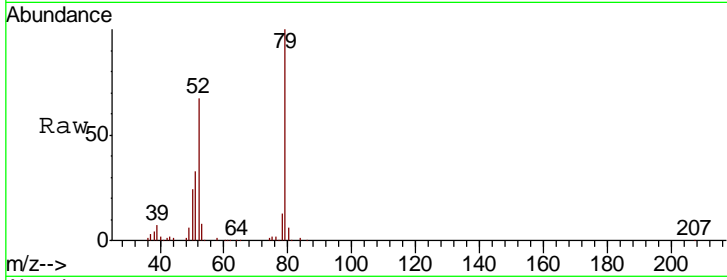


#3  
 Pyridine  
 Concen: 34.234 ng  
 RT: 3.77 min Scan# 116  
 Delta R.T. -0.01 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

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 BNA\_G  
**ClientSampled :**  
 PB126492BS

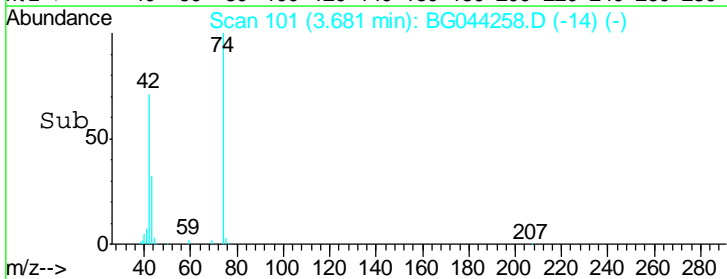
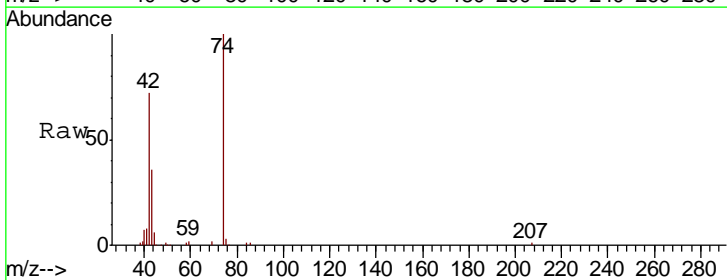
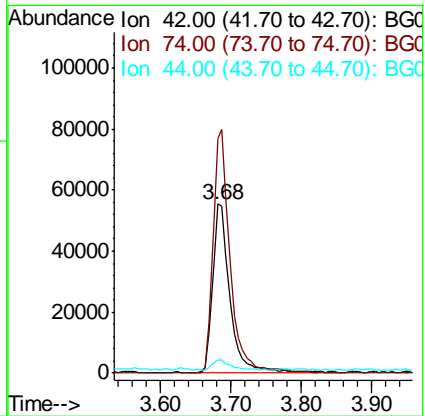
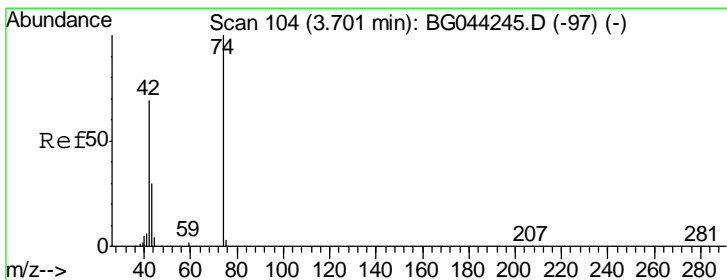
Tgt Ion	Resp	Lower	Upper
79	100		
52	66.8	51.9	77.9
51	33.4	25.3	37.9

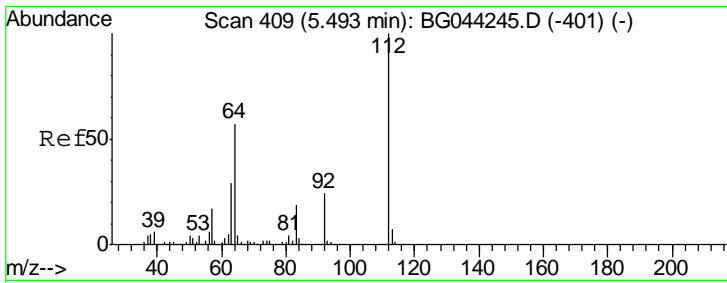
**Manual Integrations**  
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#4  
 n-Nitrosodimethylamine  
 Concen: 40.960 ng  
 RT: 3.68 min Scan# 101  
 Delta R.T. -0.02 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

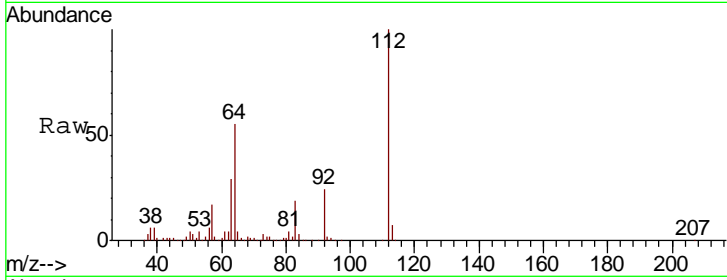
Tgt Ion	Resp	Lower	Upper
42	100		
74	138.8	115.1	172.7
44	8.1	5.6	8.4





#5  
 2-Fluorophenol  
 Concen: 132.138 ng  
 RT: 5.50 min Scan# 410  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

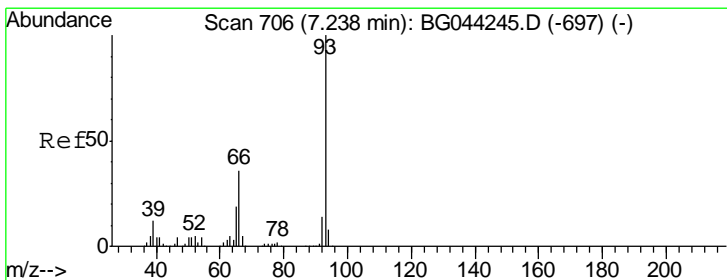
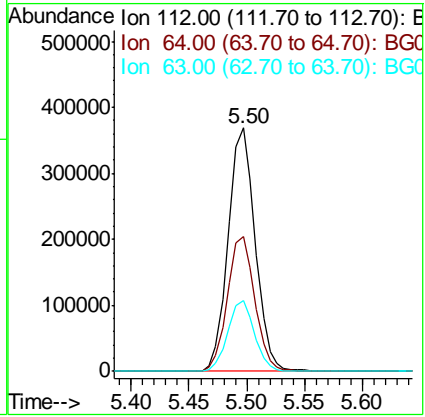
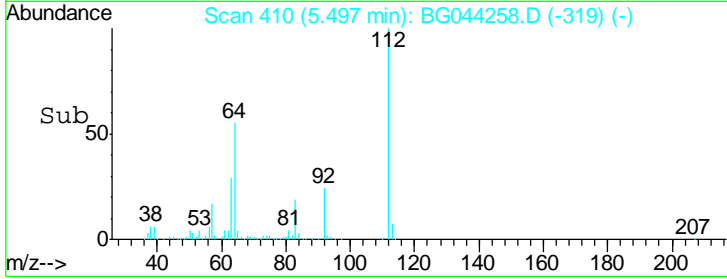
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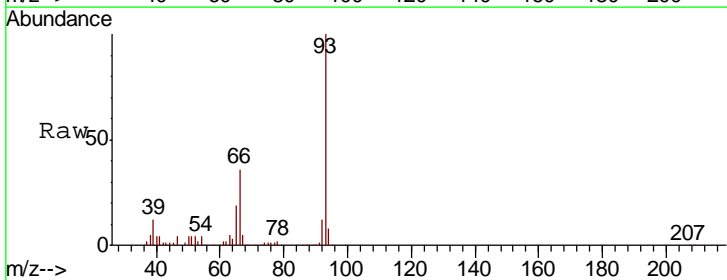
Tgt Ion: 112 Resp: 598754

Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.4	68.2
63	29.0	22.9	34.3

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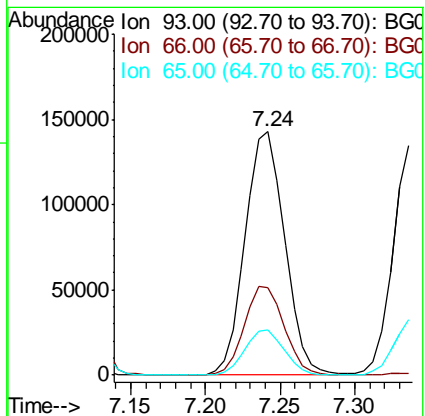
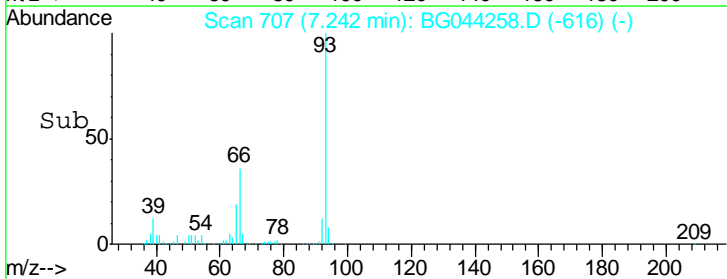


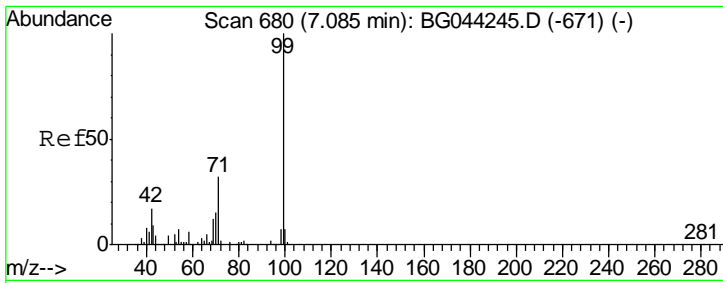
#6  
 Aniline  
 Concen: 34.743 ng  
 RT: 7.24 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



Tgt Ion: 93 Resp: 262407

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.7	43.1
65	18.5	15.4	23.0





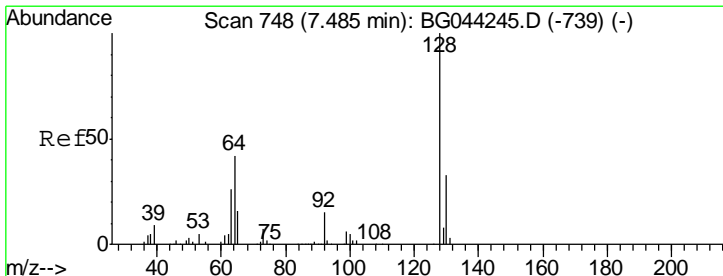
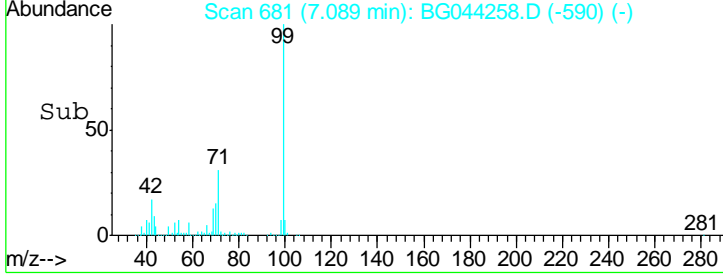
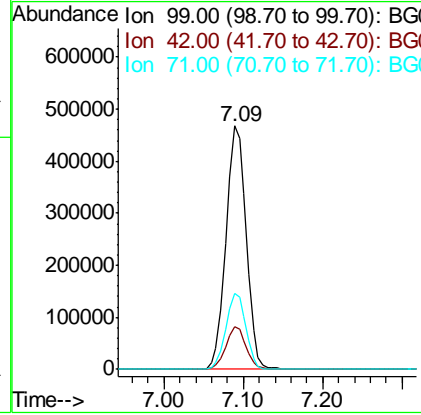
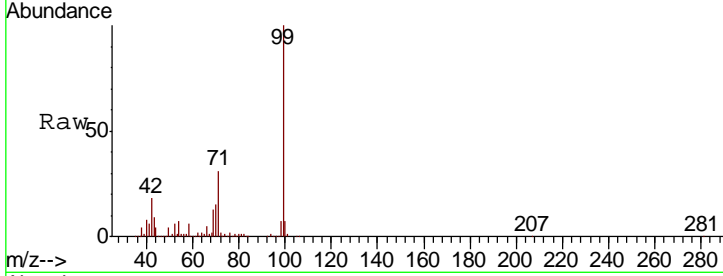
#7  
 Phenol-d6  
 Concen: 135.393 ng  
 RT: 7.09 min Scan# 681  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
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Tgt Ion	Resp	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	31.4	25.5	38.3

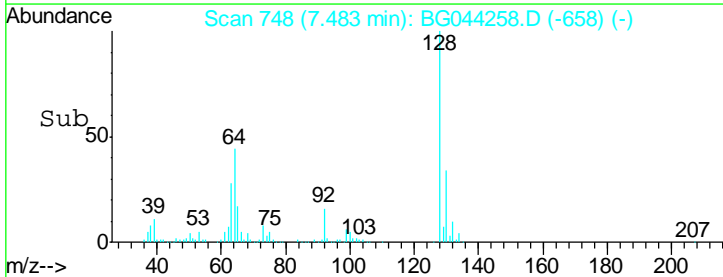
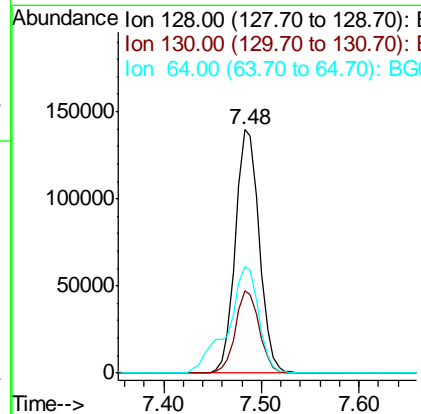
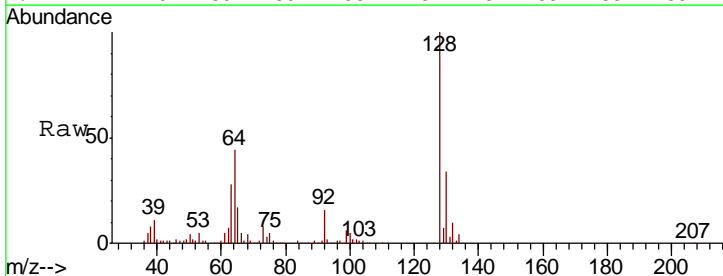
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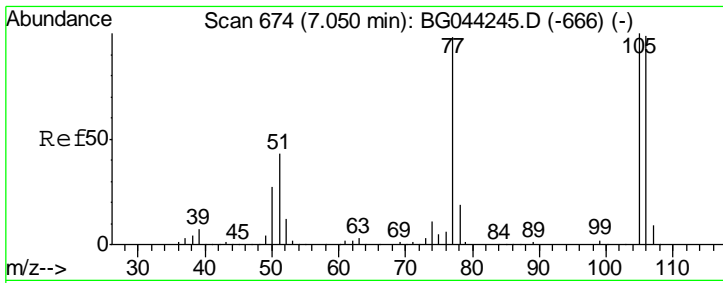
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#8  
 2-Chlorophenol  
 Concen: 47.558 ng  
 RT: 7.48 min Scan# 748  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
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Tgt Ion	Resp	Lower	Upper
128	100		
130	33.6	12.5	52.5
64	43.9	24.2	64.2





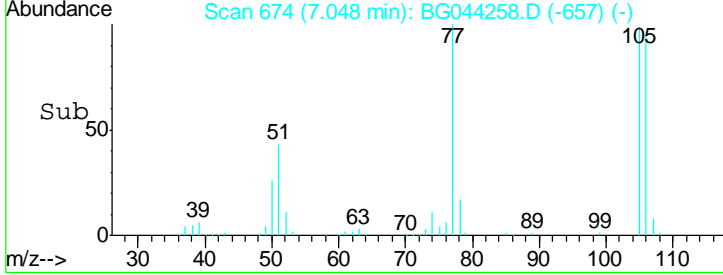
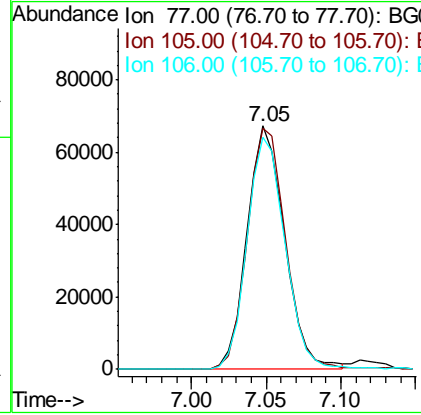
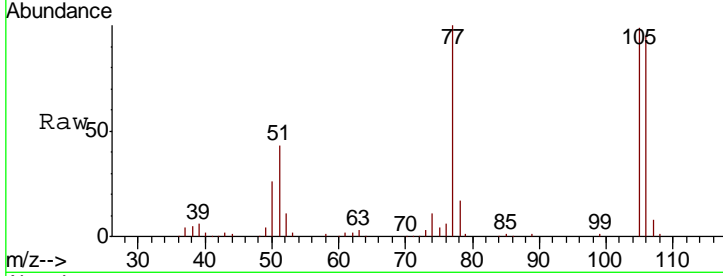
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Benzaldehyde  
Concen: 33.863 ng  
RT: 7.05 min Scan# 674  
Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
77	117352		
105	99.0	82.0	122.0
106	95.2	80.7	120.7

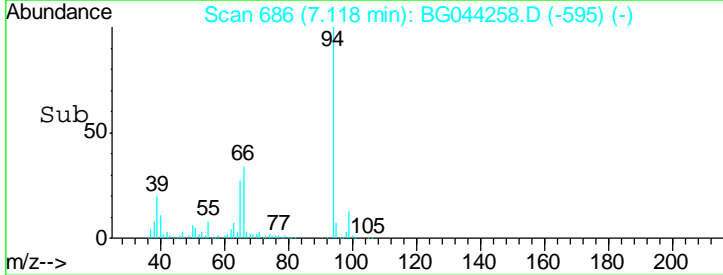
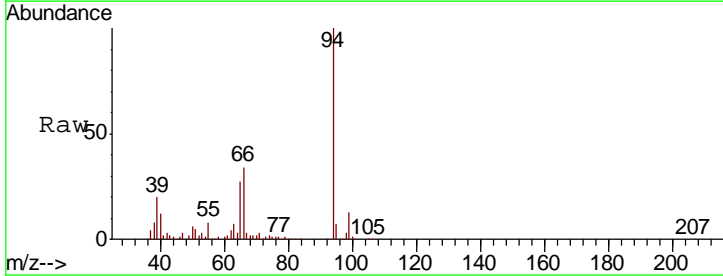
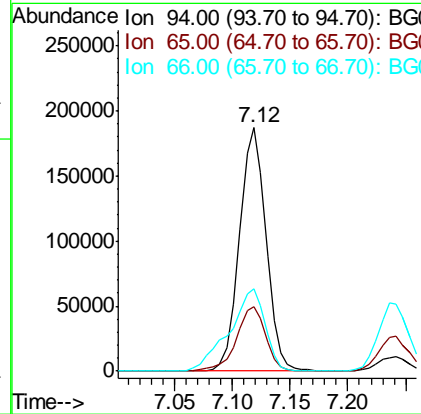
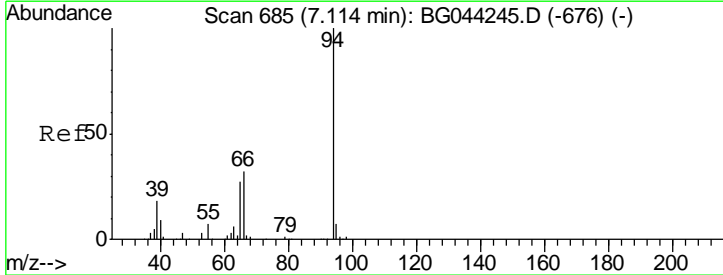
**Manual Integrations**  
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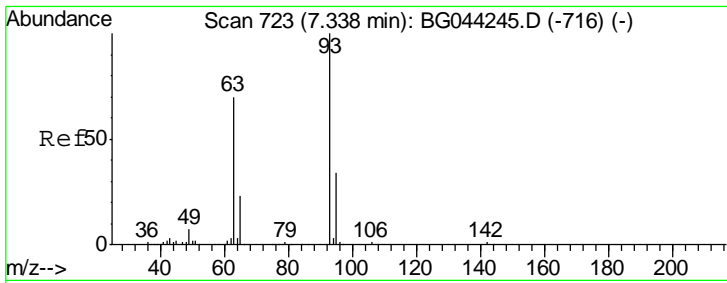


#10  
Phenol  
Concen: 49.496 ng  
RT: 7.12 min Scan# 686  
Delta R.T. 0.00 min  
Lab File: BG044258.D  
Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
94	298061		
65	26.6	7.0	47.0
66	33.9	12.7	52.7

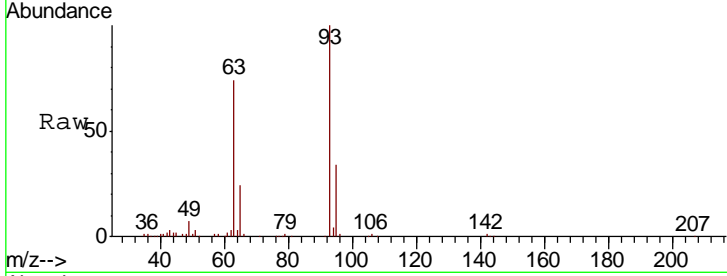






#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.643 ng  
 RT: 7.34 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

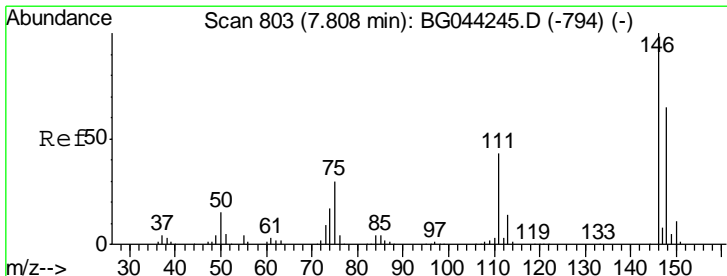
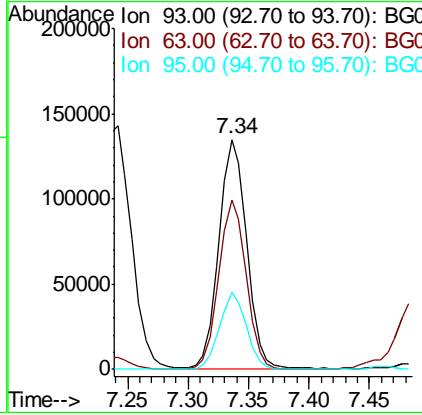
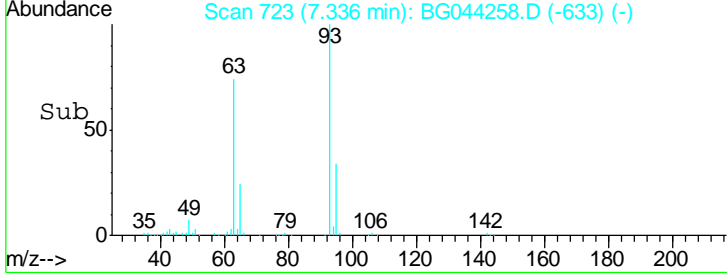
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS



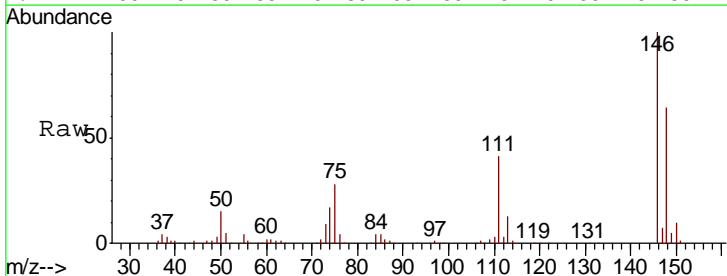
Tgt Ion: 93 Resp: 214395

Ion	Ratio	Lower	Upper
93	100		
63	73.5	49.2	89.2
95	33.6	13.6	53.6

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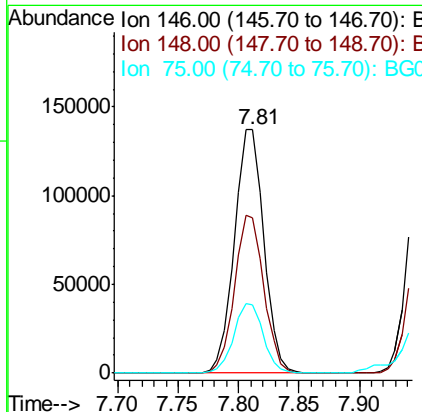
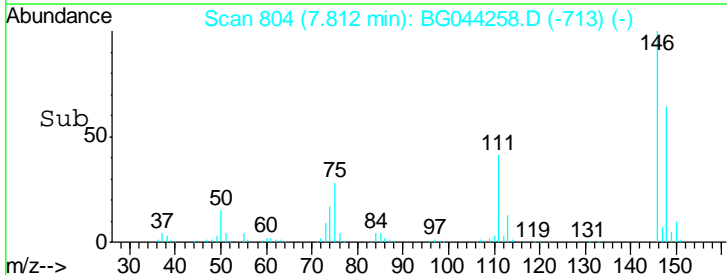


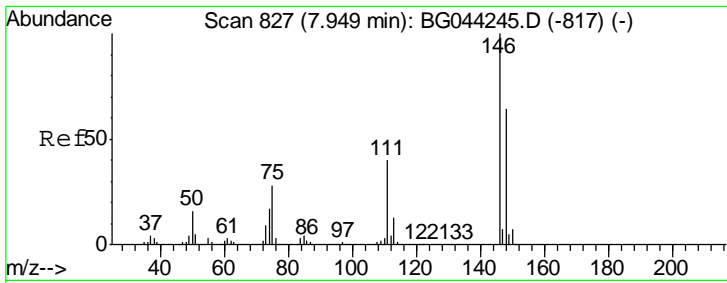
#12  
 1,3-Dichlorobenzene  
 Concen: 39.370 ng  
 RT: 7.81 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



Tgt Ion: 146 Resp: 234092

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.0	23.7	35.5





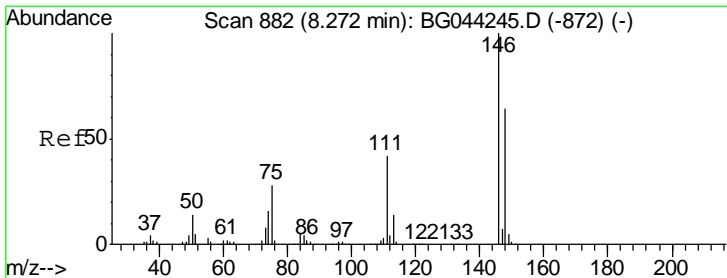
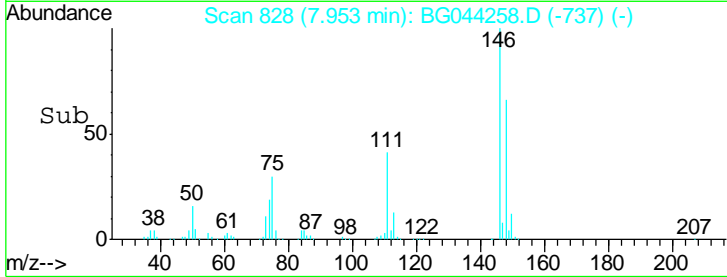
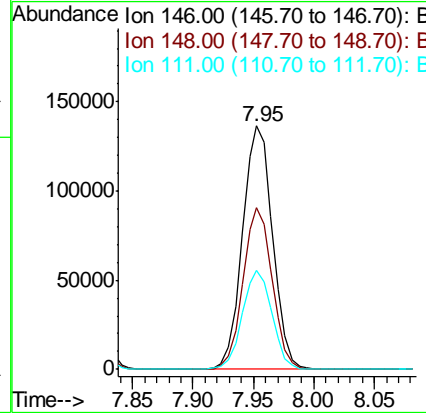
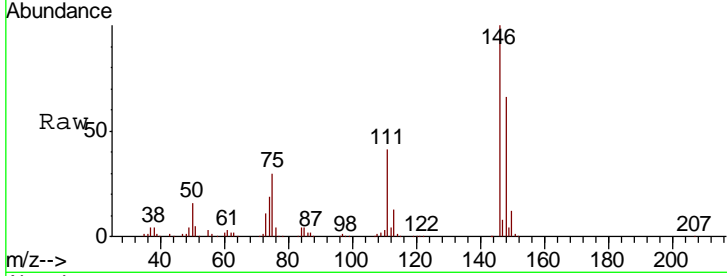
#13  
 1,4-Dichlorobenzene  
 Concen: 40.096 ng  
 RT: 7.95 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
146	100		
148	66.2	51.4	77.0
111	40.9	31.8	47.8

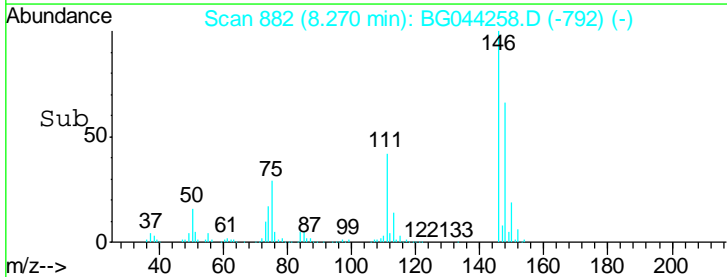
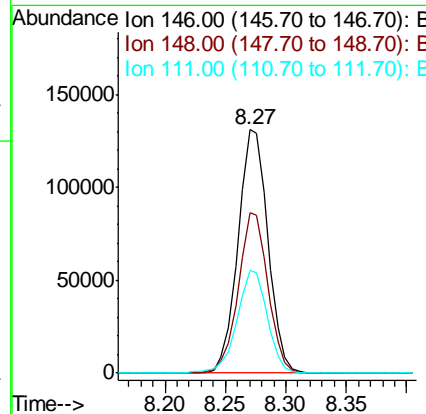
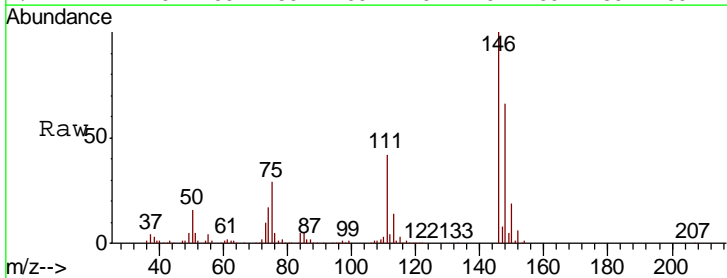
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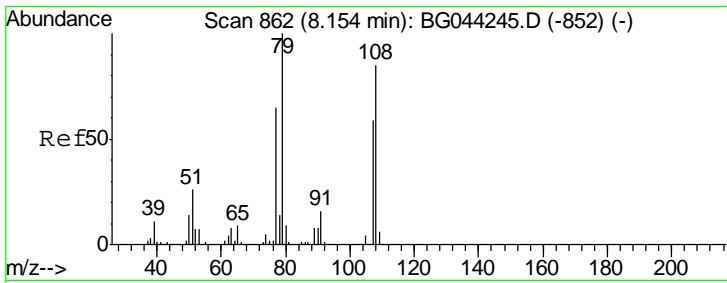
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.628 ng  
 RT: 8.27 min Scan# 882  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
146	100		
148	65.8	51.2	76.8
111	42.3	34.0	51.0





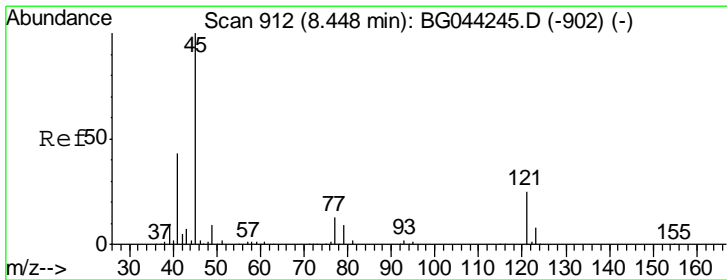
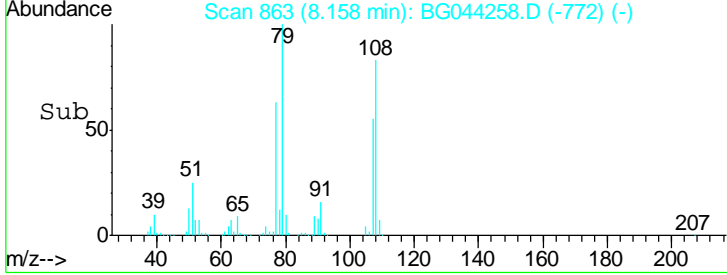
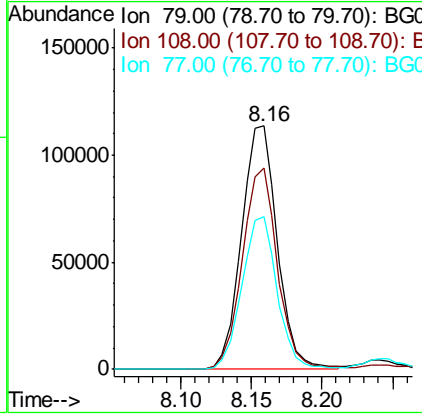
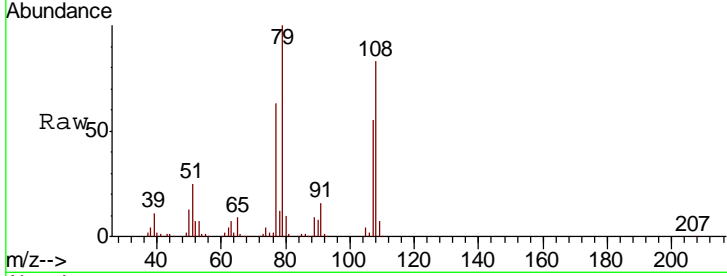
#15  
Benzyl Alcohol  
Concen: 46.829 ng  
RT: 8.16 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BG044258.D  
Acq: 31 Jan 2020 13:52

Instrument :  
BNA\_G  
ClientSampled :  
PB126492BS

Tgt Ion	Resp	Lower	Upper
79	100		
108	82.6	68.3	102.5
77	62.9	51.8	77.8

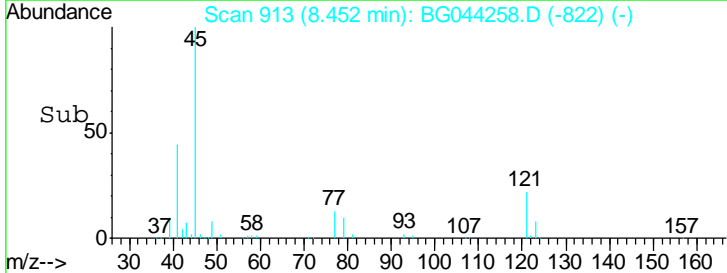
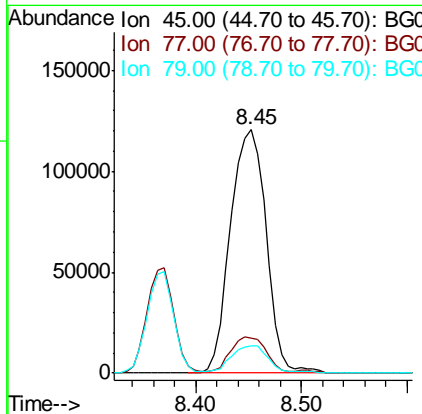
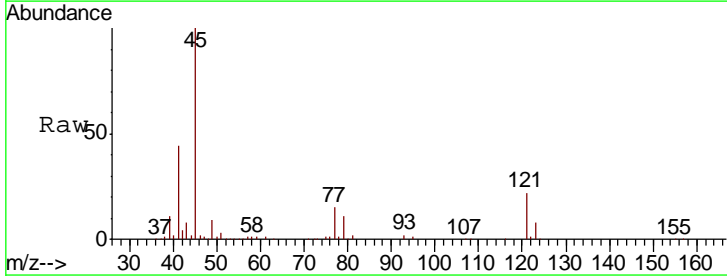
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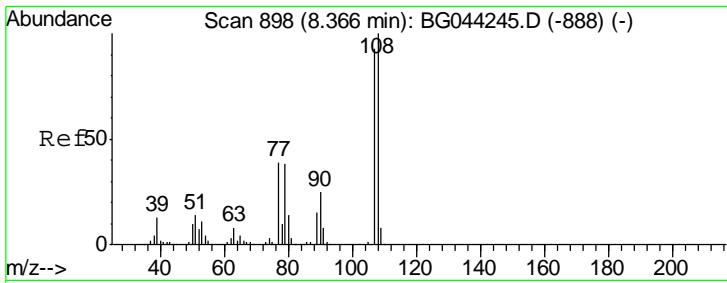
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.667 ng  
RT: 8.45 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BG044258.D  
Acq: 31 Jan 2020 13:52

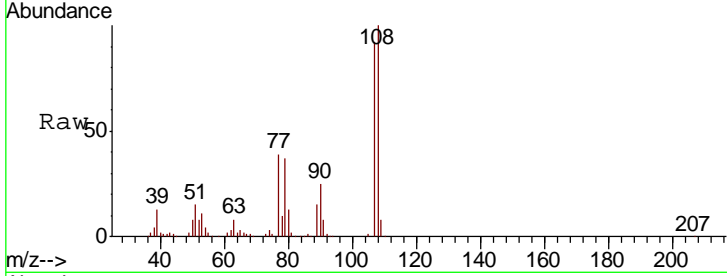
Tgt Ion	Resp	Lower	Upper
45	100		
77	14.5	0.0	35.2
79	11.3	0.0	31.1





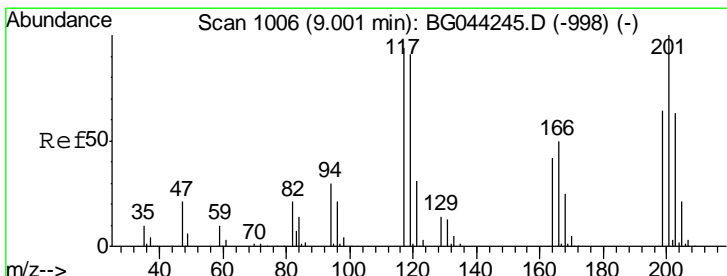
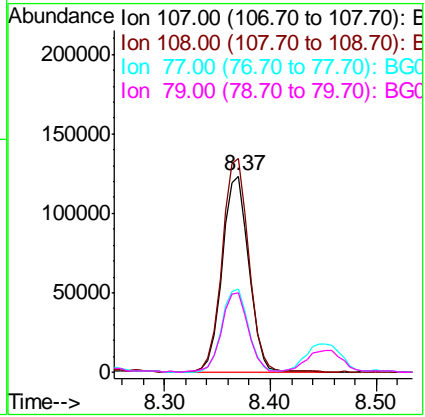
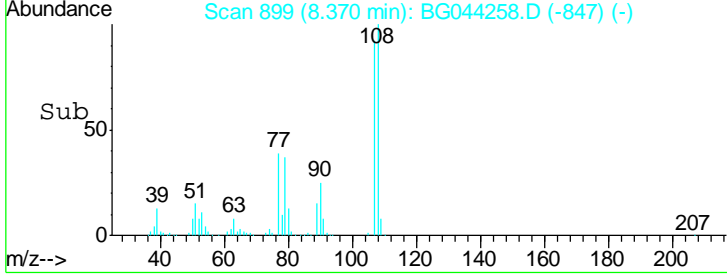
#17  
 2-Methylphenol  
 Concen: 50.148 ng  
 RT: 8.37 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB126492BS

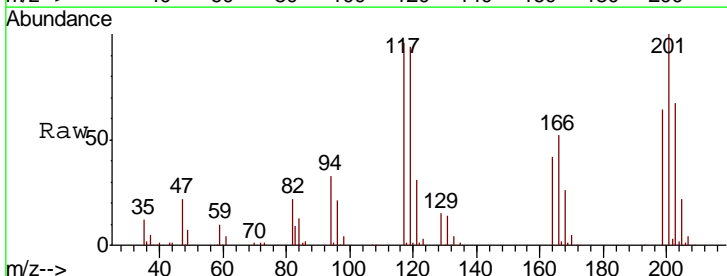


Tgt Ion	Resp	Lower	Upper
107	100		
108	109.0	86.4	129.6
77	42.5	34.0	51.0
79	40.7	32.9	49.3

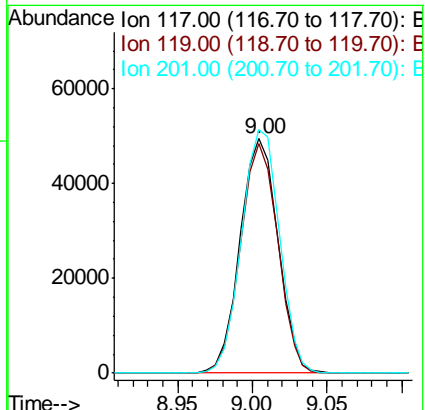
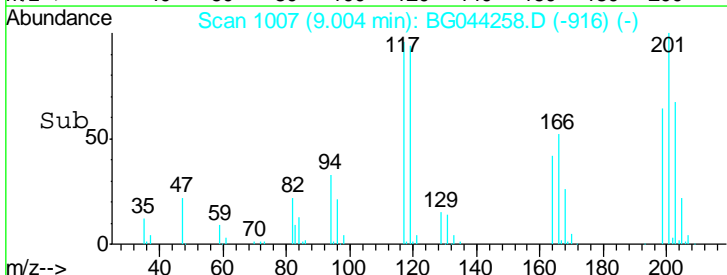
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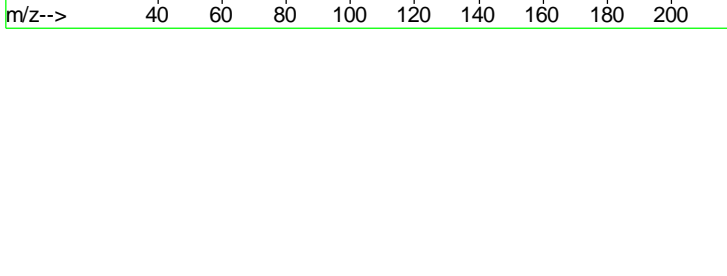
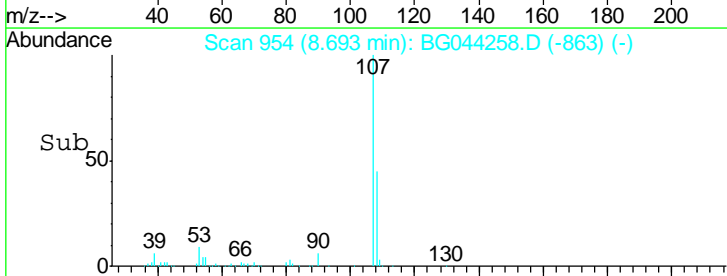
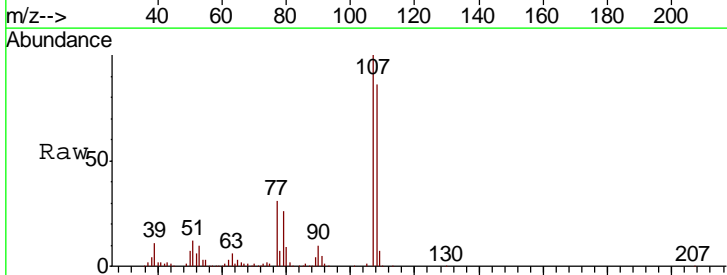
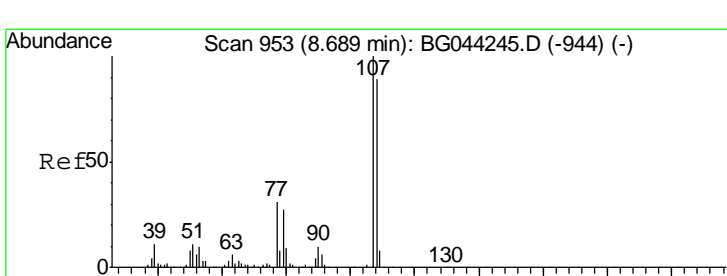
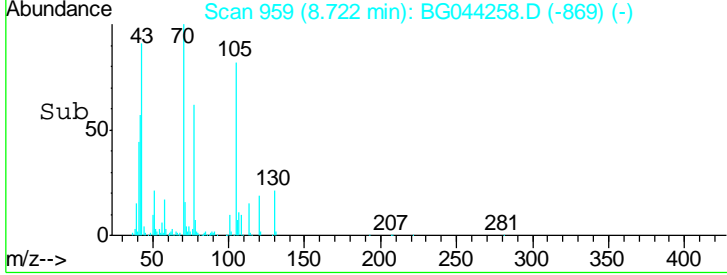
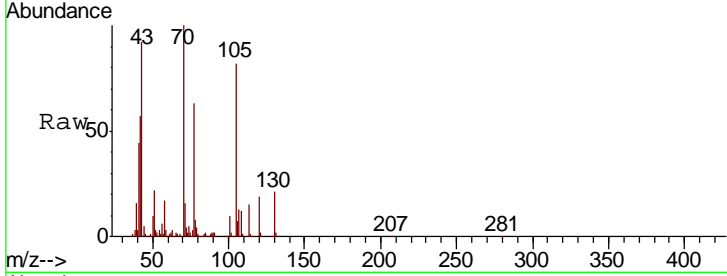
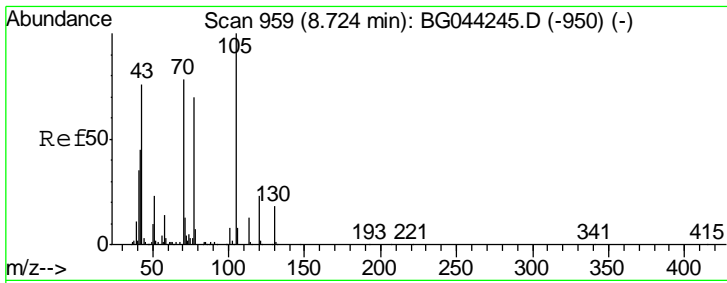


#18  
 Hexachloroethane  
 Concen: 39.411 ng  
 RT: 9.00 min Scan# 1007  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



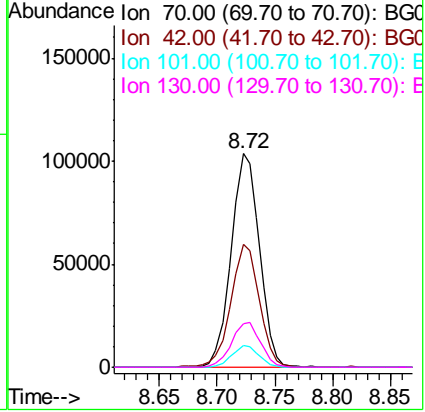
Tgt Ion	Resp	Lower	Upper
117	100		
119	98.1	77.5	116.3
201	103.9	84.9	127.3





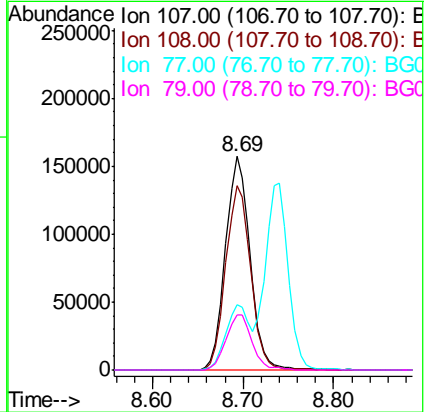
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 43.304 ng  
 RT: 8.72 min Scan# 959  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.3	46.2	69.2
101	10.3	8.4	12.6
130	20.6	17.8	26.8



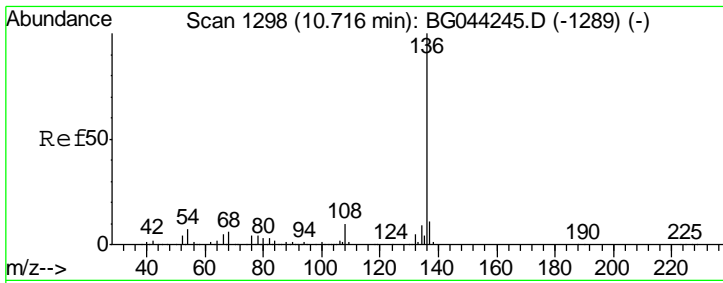
#20  
 3+4-Methylphenols  
 Concen: 50.191 ng  
 RT: 8.69 min Scan# 954  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.5	108.5
77	30.5	10.9	50.9
79	26.1	7.1	47.1



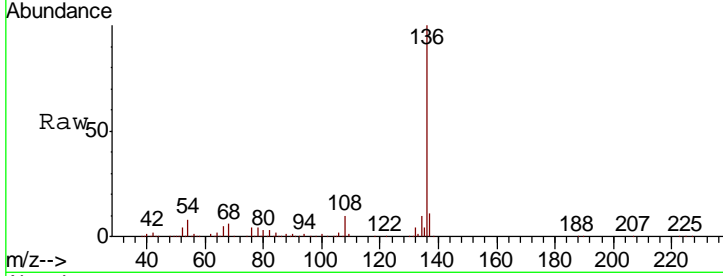
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

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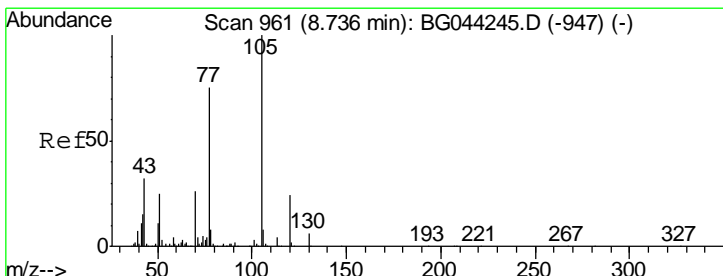
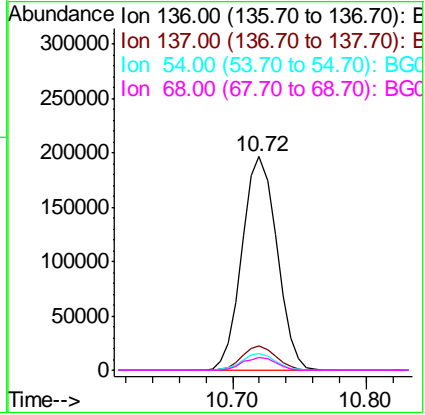
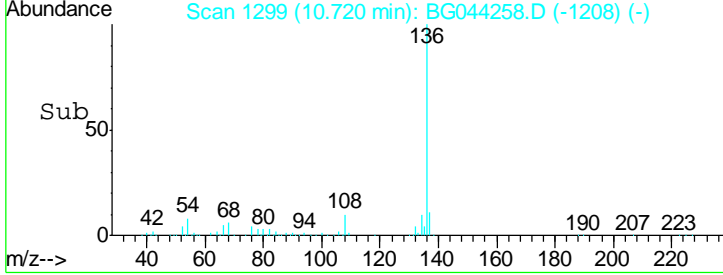
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.72 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

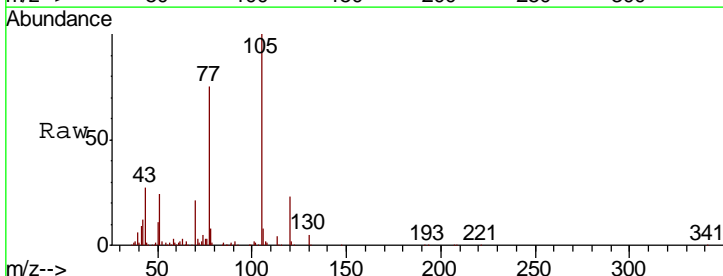


Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.8	8.8
68	5.8	4.6	6.8

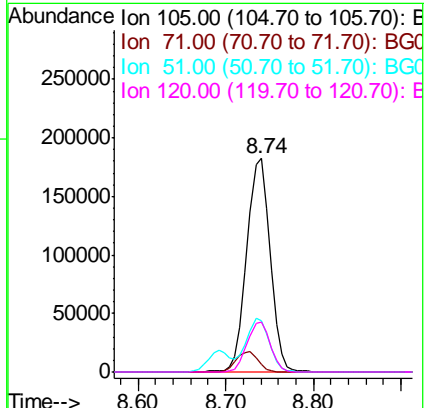
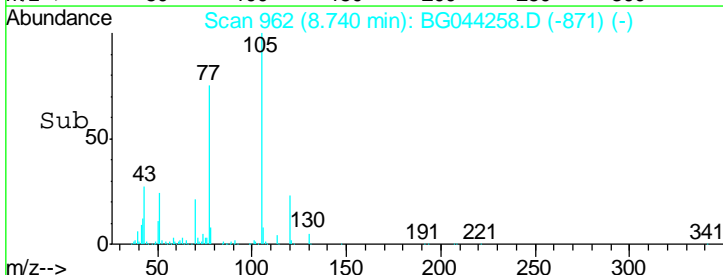
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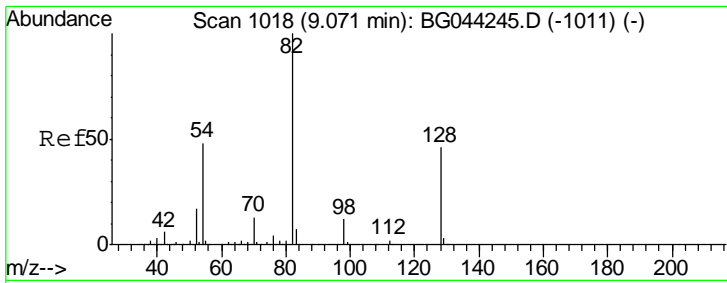


#22  
 Acetophenone  
 Concen: 38.139 ng  
 RT: 8.74 min Scan# 962  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



Tgt Ion	Resp	Lower	Upper
105	100		
71	3.4	3.4	5.0
51	24.1	20.2	30.4
120	23.4	19.1	28.7





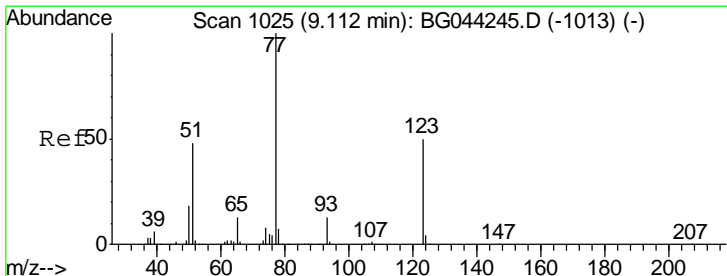
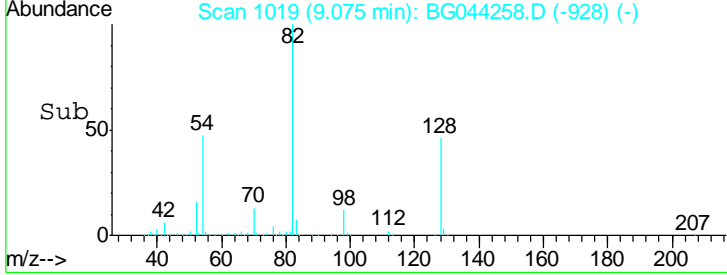
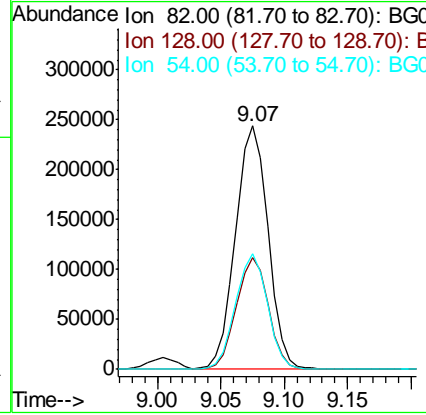
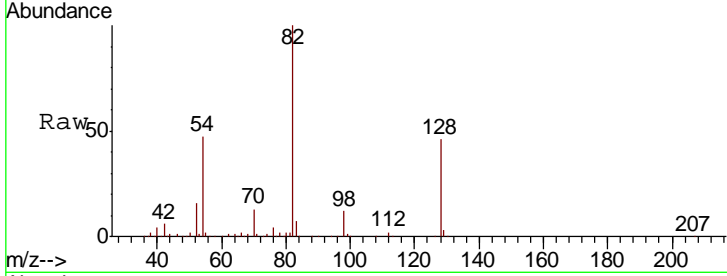
#23  
 Nitrobenzene-d5  
 Concen: 68.500 ng  
 RT: 9.07 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	47.2	38.6	58.0

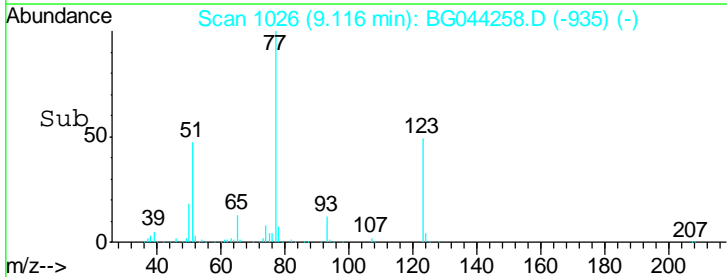
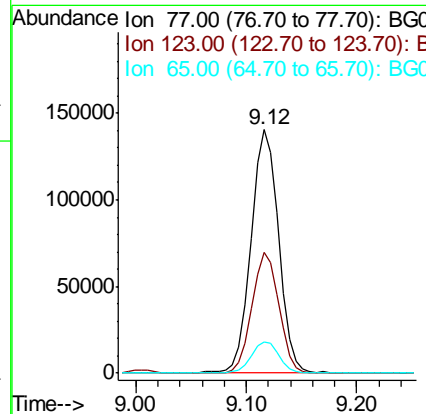
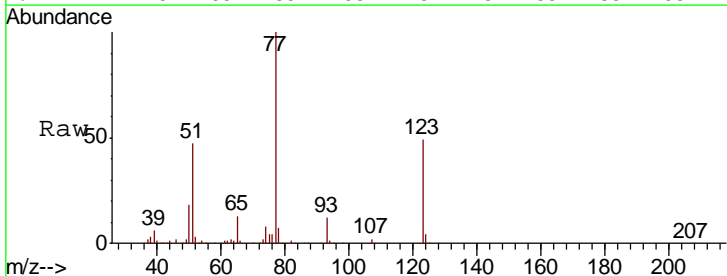
**Manual Integrations**  
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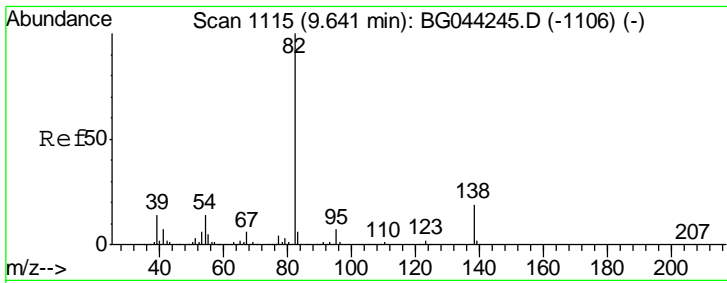
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#24  
 Nitrobenzene  
 Concen: 40.037 ng  
 RT: 9.12 min Scan# 1026  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
77	100		
123	49.4	39.9	59.9
65	12.6	10.4	15.6





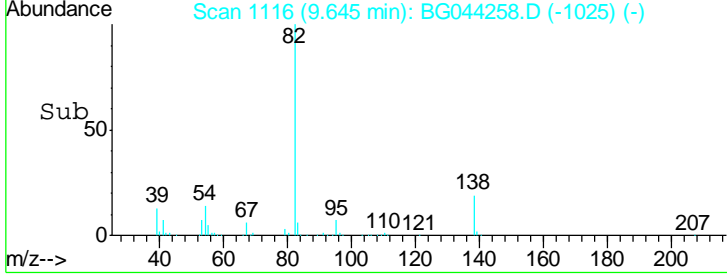
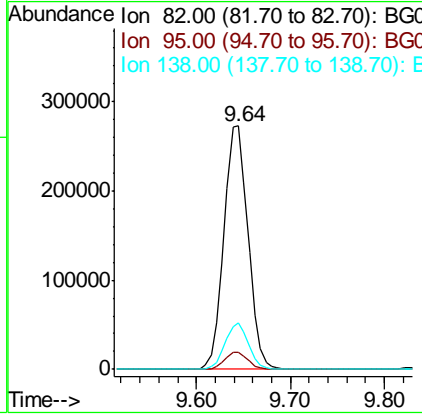
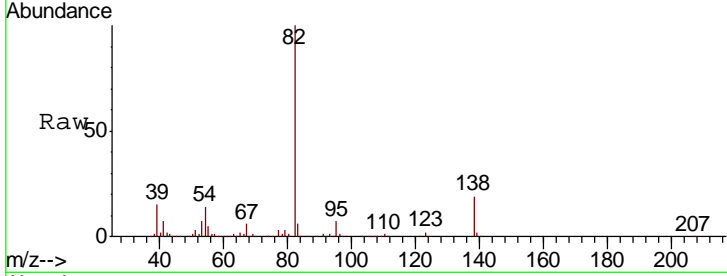
#25  
 Isophorone  
 Concen: 41.510 ng  
 RT: 9.64 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.2	15.0	22.4

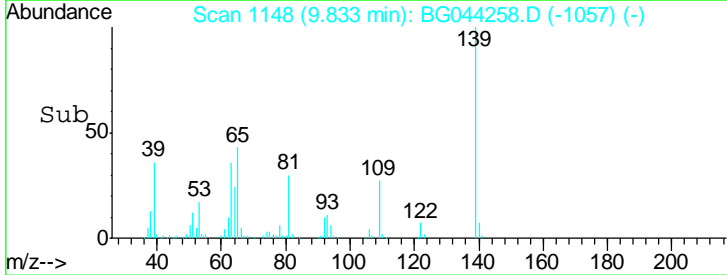
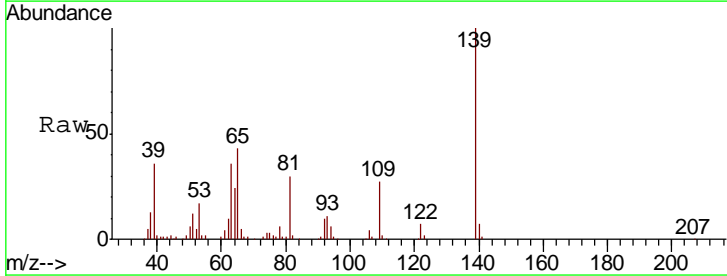
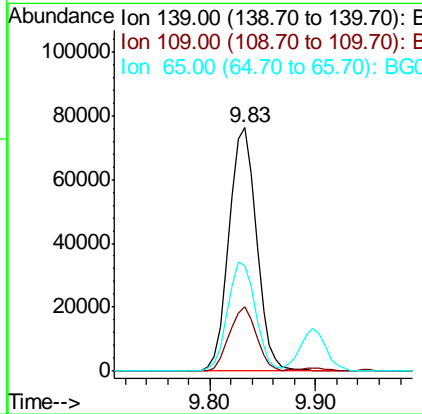
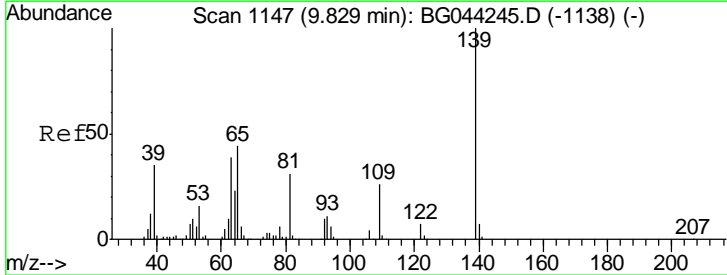
**Manual Integrations**  
**APPROVED**

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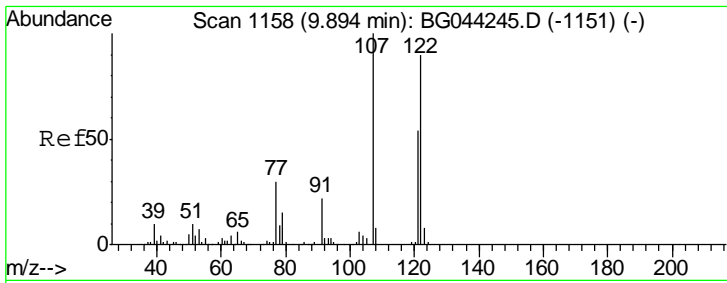


#26  
 2-Nitrophenol  
 Concen: 43.083 ng  
 RT: 9.83 min Scan# 1148  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
139	100		
109	26.7	21.0	31.4
65	43.5	35.0	52.4







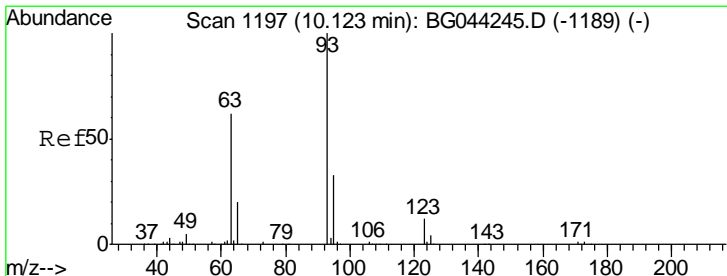
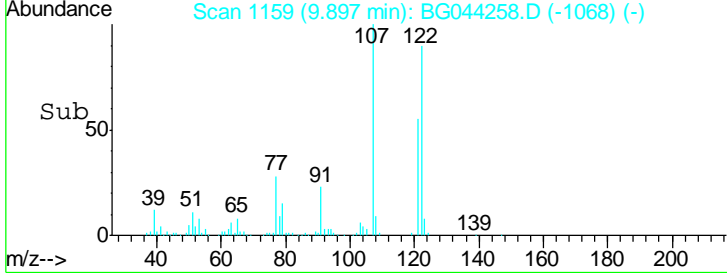
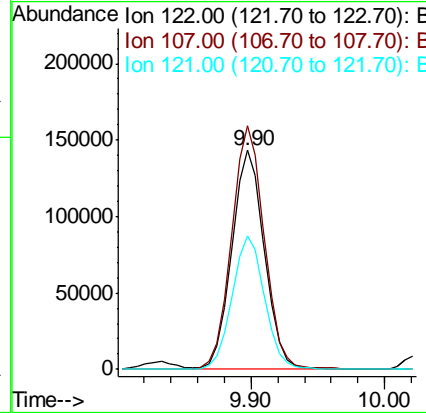
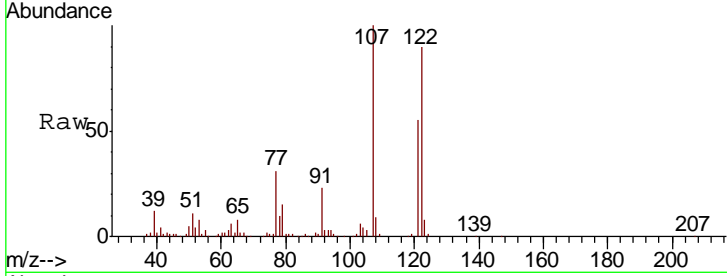
#27  
 2,4-Dimethylphenol  
 Concen: 53.792 ng  
 RT: 9.90 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
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Tgt Ion	Resp	Lower	Upper
122	242235		
107	111.3	88.8	133.2
121	61.1	48.3	72.5

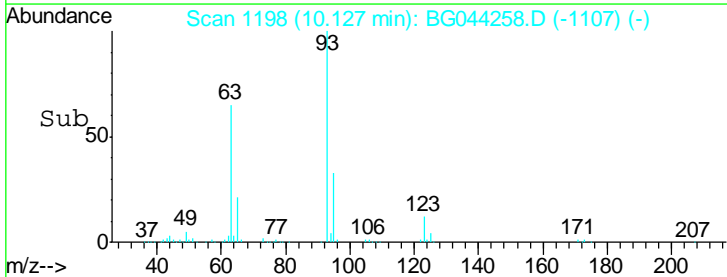
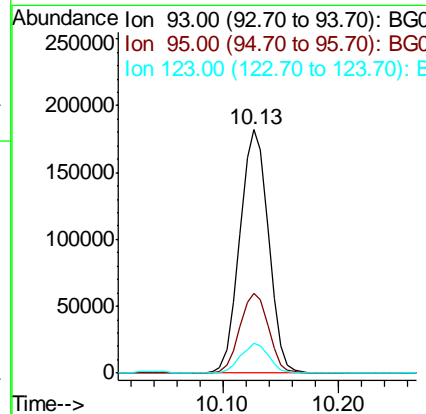
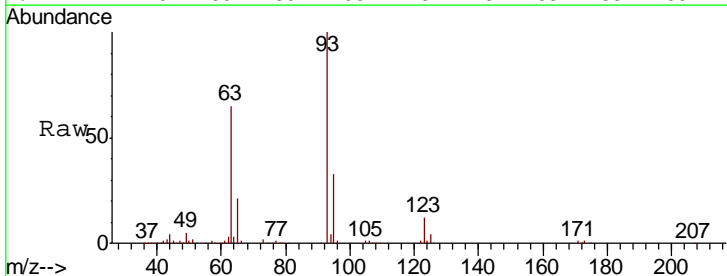
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**APPROVED**

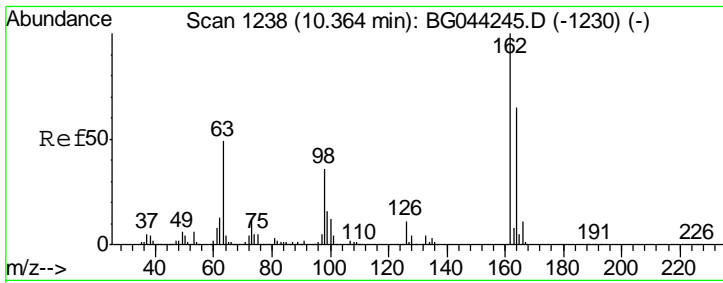
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.947 ng  
 RT: 10.13 min Scan# 1198  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
93	312797		
95	32.6	26.6	40.0
123	12.5	10.0	15.0





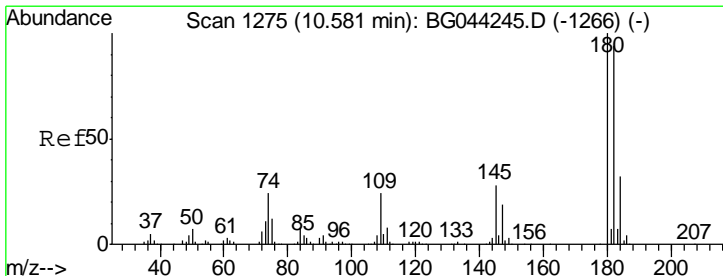
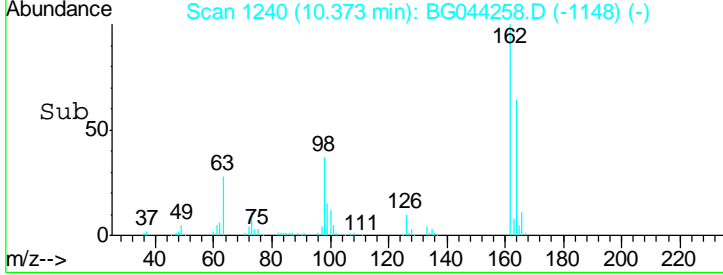
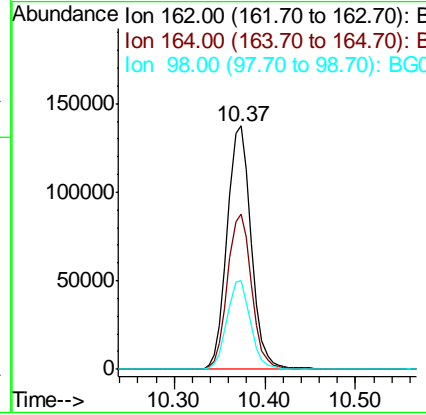
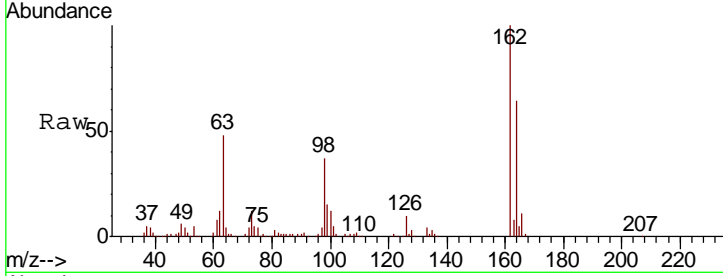
#29  
 2,4-Dichlorophenol  
 Concen: 46.690 ng  
 RT: 10.37 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
162	100		
164	64.0	44.7	84.7
98	36.6	15.8	55.8

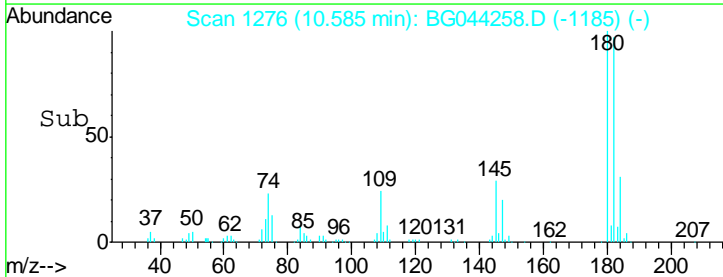
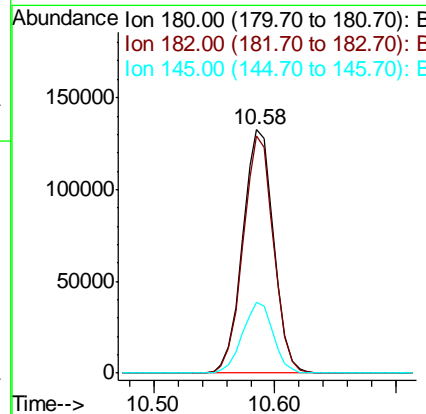
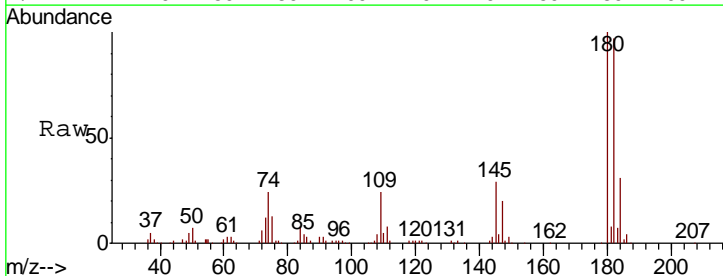
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**APPROVED**

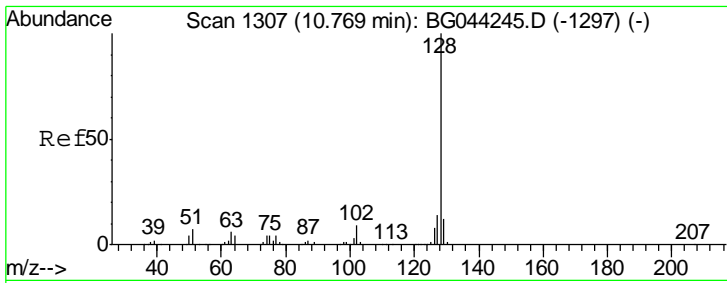
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.818 ng  
 RT: 10.58 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
180	100		
182	97.3	75.5	113.3
145	28.9	22.6	34.0



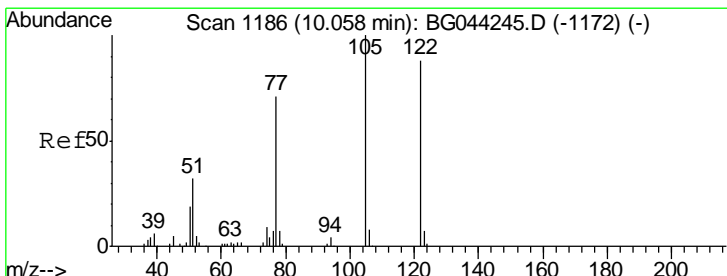
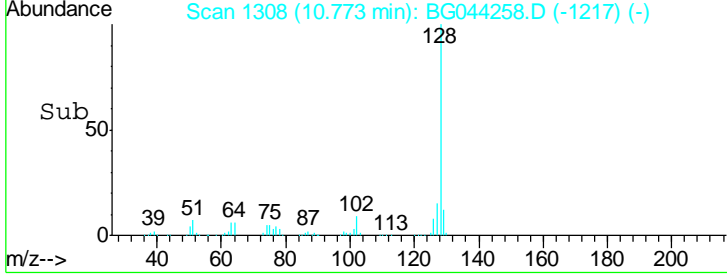
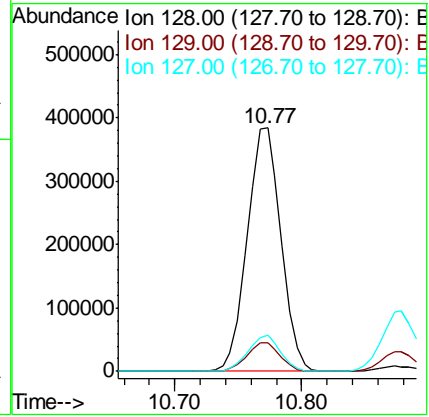
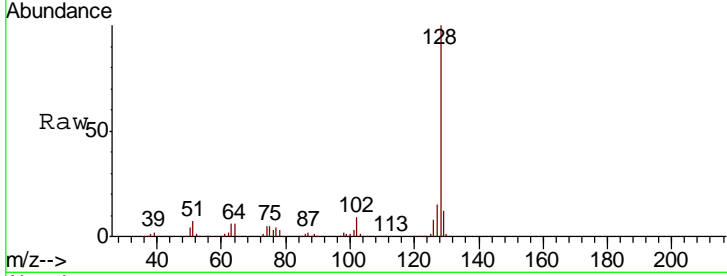


#31  
 Naphthalene  
 Concen: 41.144 ng  
 RT: 10.77 min Scan# 1308  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 Client Sampled :  
 PB126492BS

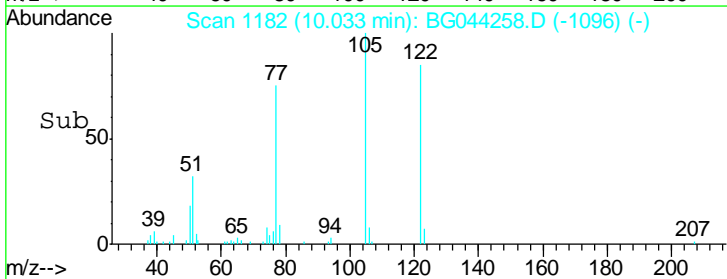
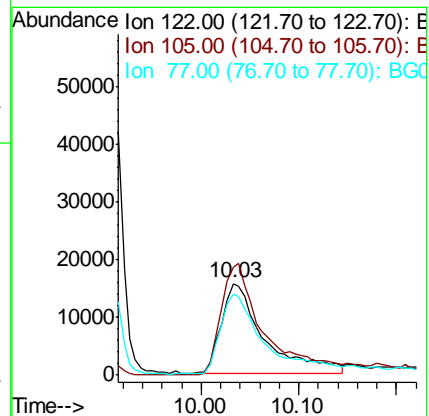
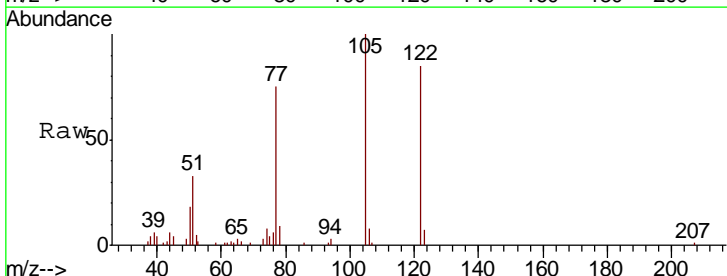
Tgt Ion	Resp	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.8	11.6	17.4

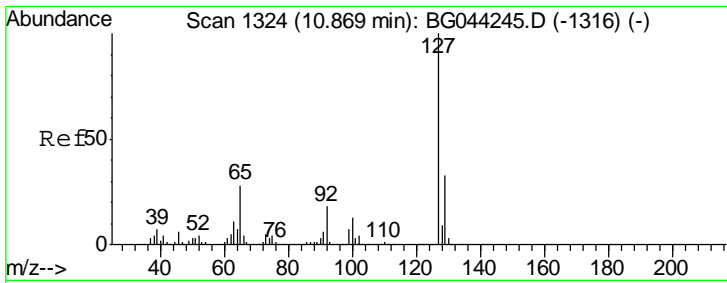
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#32  
 Benzoic acid  
 Concen: 25.515 ng  
 RT: 10.03 min Scan# 1182  
 Delta R.T. -0.03 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

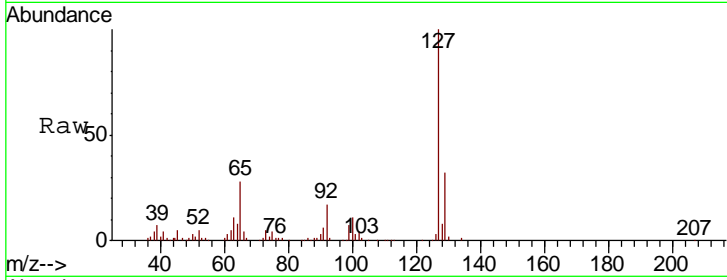
Tgt Ion	Resp	Lower	Upper
122	100		
105	118.3	93.5	133.5
77	88.9	61.0	101.0





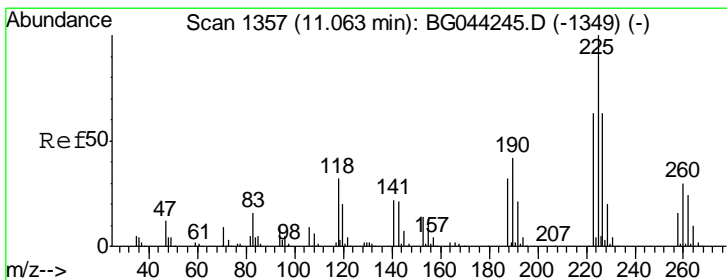
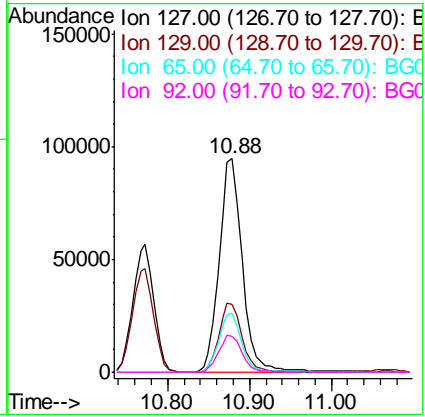
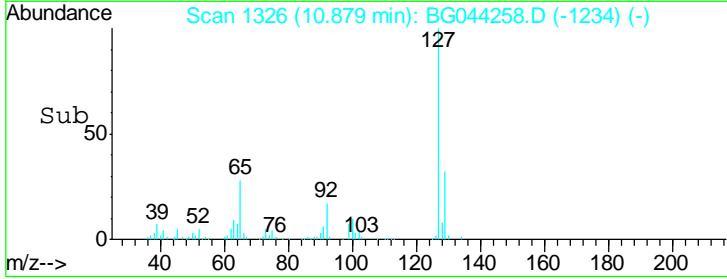
#33  
 4-Chloroaniline  
 Concen: 23.922 ng  
 RT: 10.88 min Scan# 1326  
 Delta R.T. 0.01 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

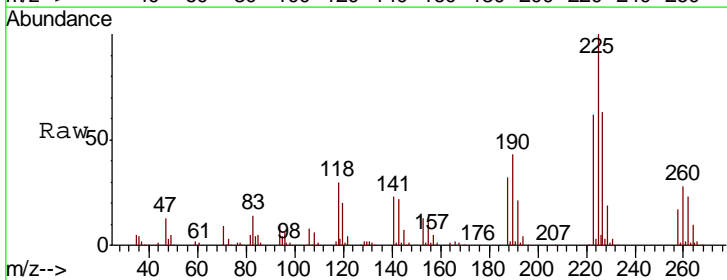


Tgt Ion	Resp	Lower	Upper
127	187673		
129	32.0	26.6	40.0
65	27.9	22.5	33.7
92	17.1	14.1	21.1

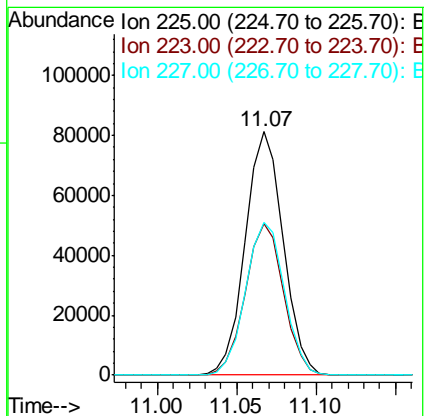
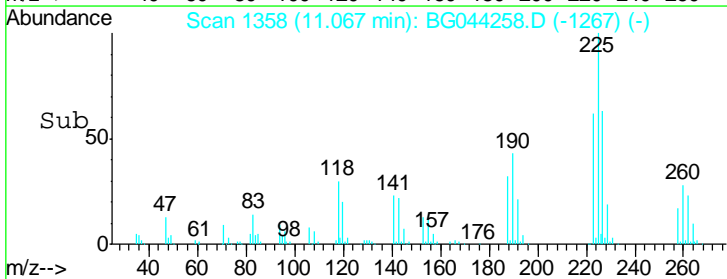
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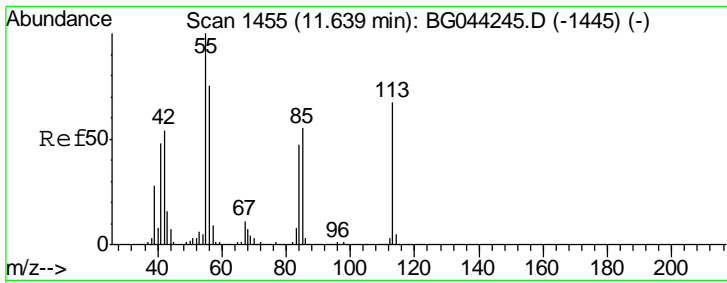


#34  
 Hexachlorobutadiene  
 Concen: 35.195 ng  
 RT: 11.07 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



Tgt Ion	Resp	Lower	Upper
225	135215		
223	62.1	50.2	75.4
227	62.8	50.8	76.2





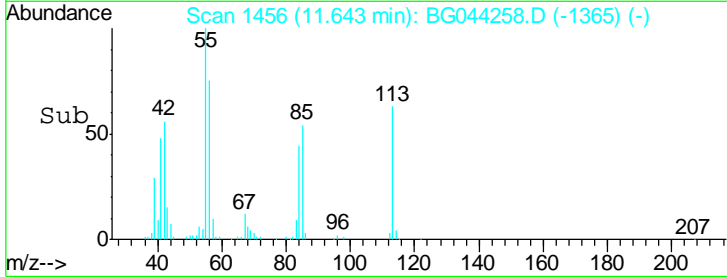
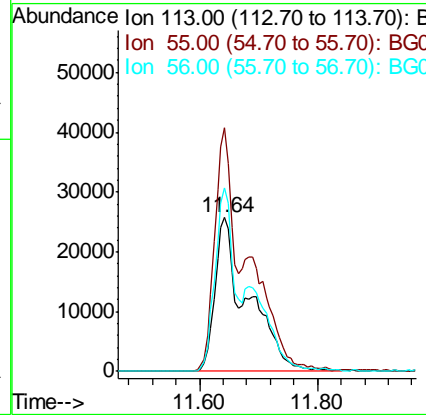
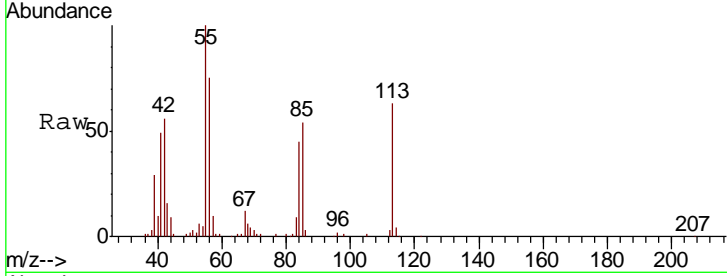
#35  
 Caprolactam  
 Concen: 49.344 ng/ml  
 RT: 11.64 min Scan# 1456  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
113	100		
55	158.5	129.9	169.9
56	119.1	92.5	132.5

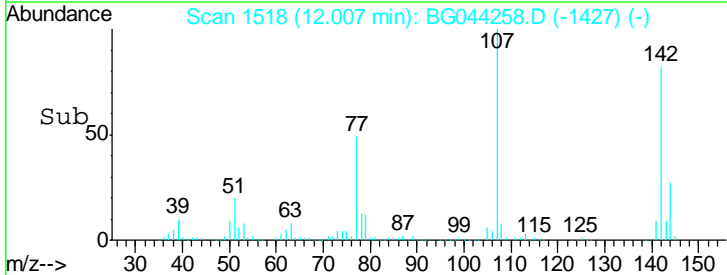
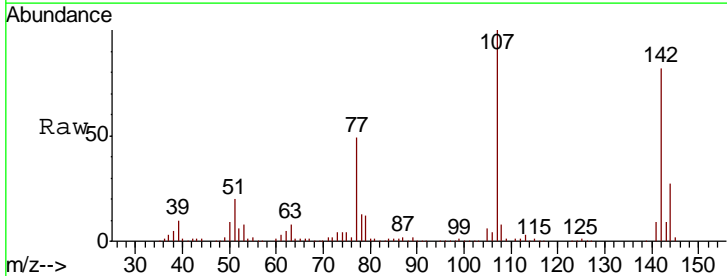
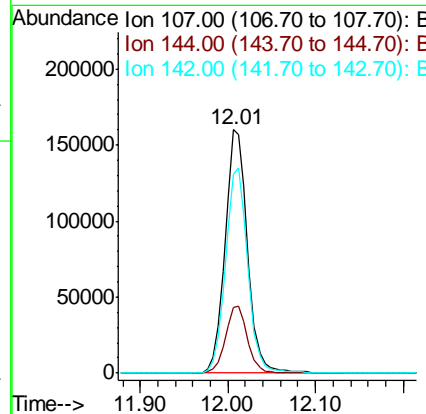
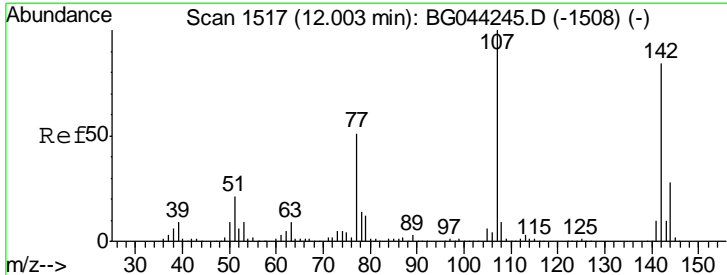
**Manual Integrations**  
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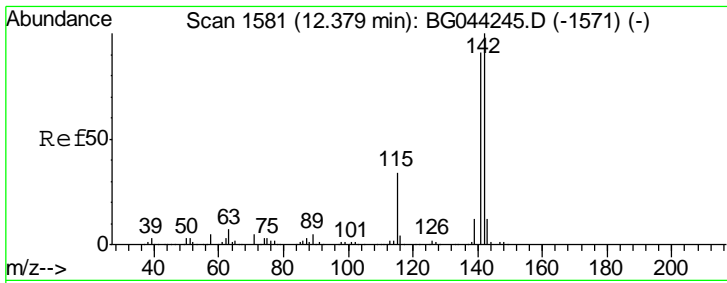
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#36  
 4-Chloro-3-methylphenol  
 Concen: 49.603 ng/ml  
 RT: 12.01 min Scan# 1518  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
107	100		
144	26.8	22.2	33.4
142	81.8	67.4	101.0





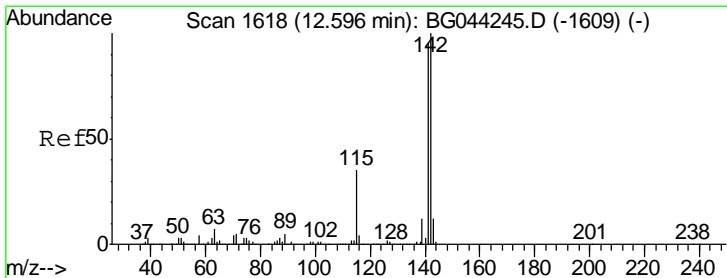
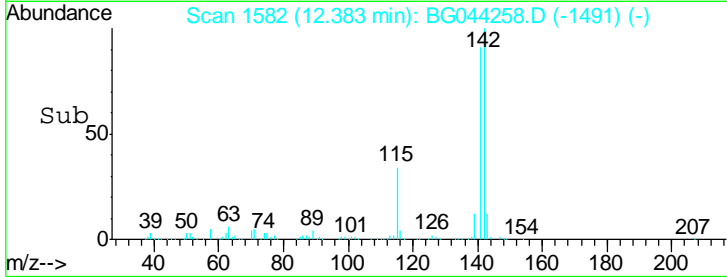
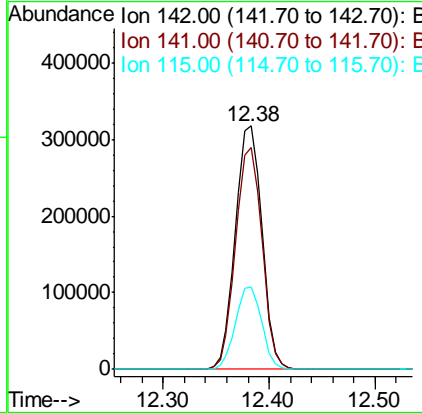
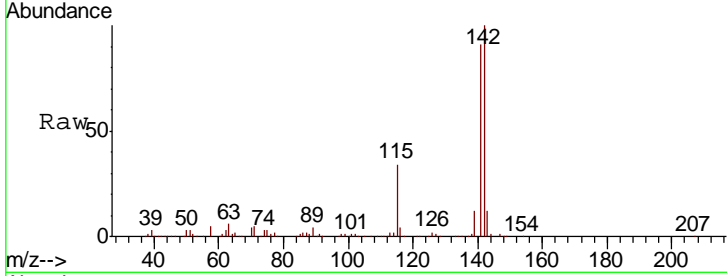
#37  
 2-Methylnaphthalene  
 Concen: 43.131 ng  
 RT: 12.38 min Scan# 1582  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
142	100		
141	90.9	73.2	109.8
115	33.6	27.1	40.7

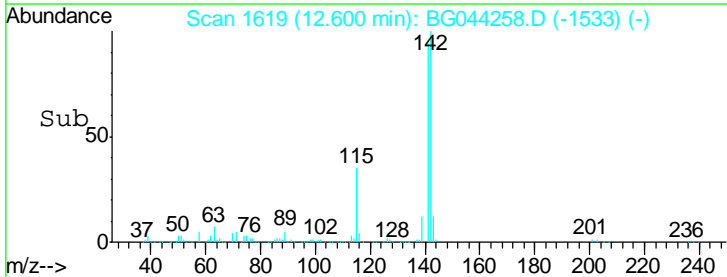
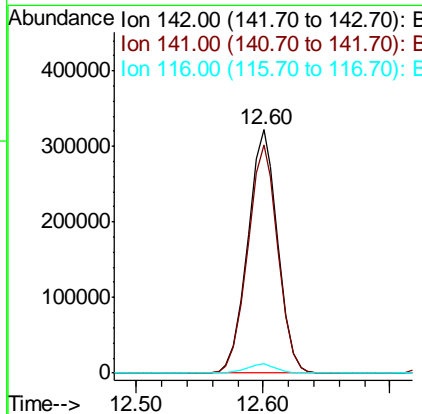
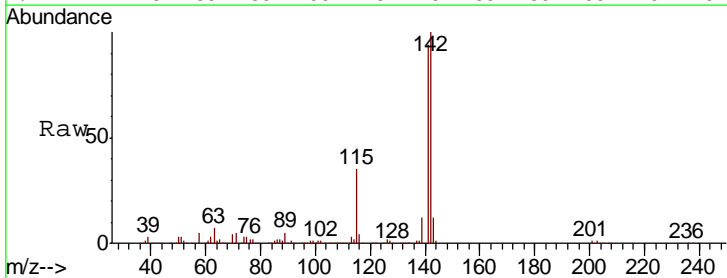
**Manual Integrations**  
**APPROVED**

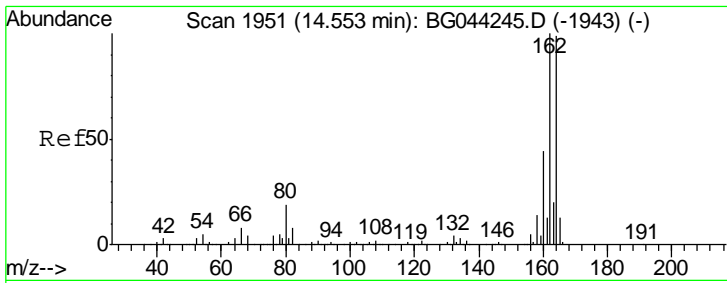
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#38  
 1-Methylnaphthalene  
 Concen: 43.576 ng  
 RT: 12.60 min Scan# 1619  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
142	100		
141	93.6	75.8	113.6
116	3.9	3.1	4.7



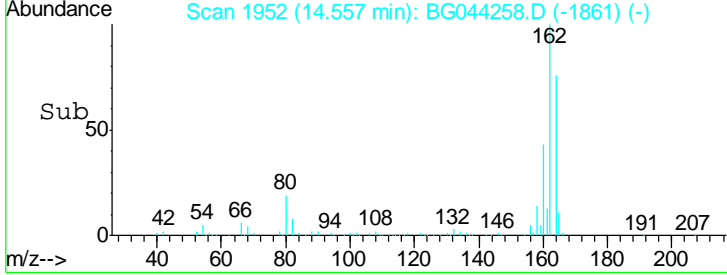
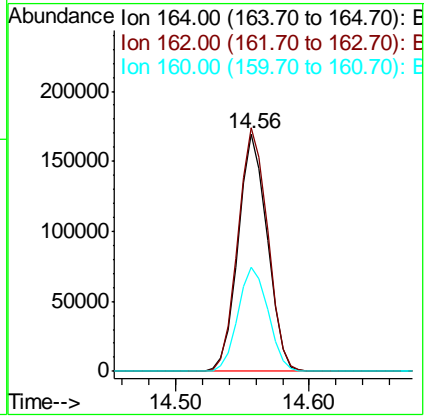
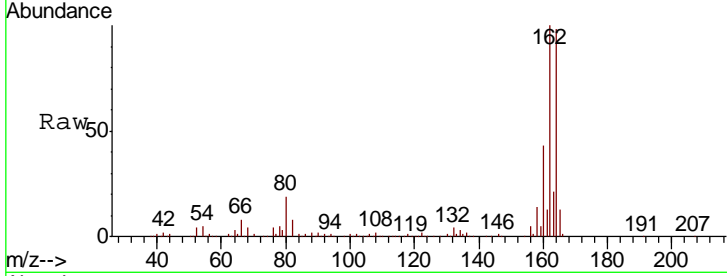


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.56 min Scan# 1952  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

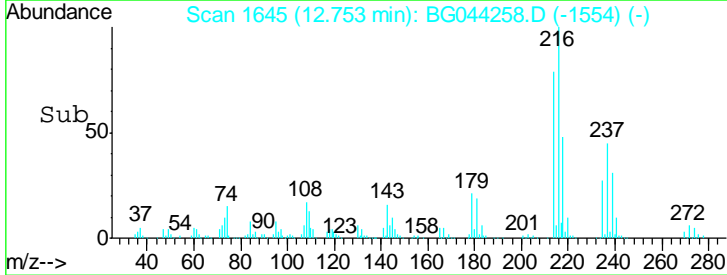
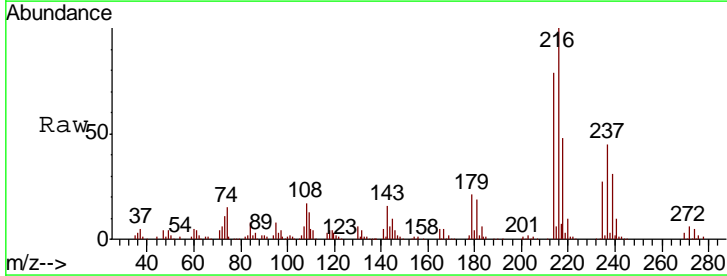
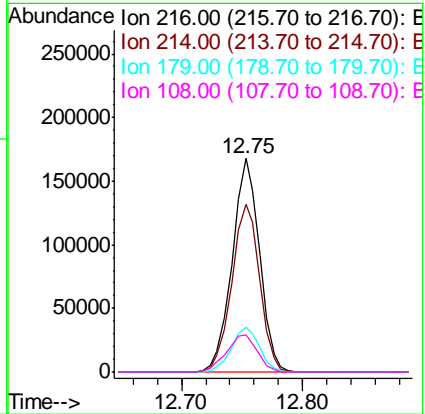
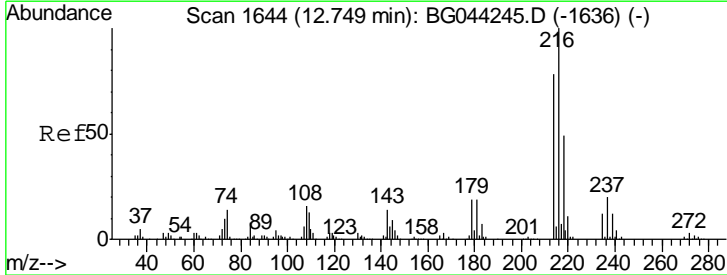
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	43.8	35.3	52.9

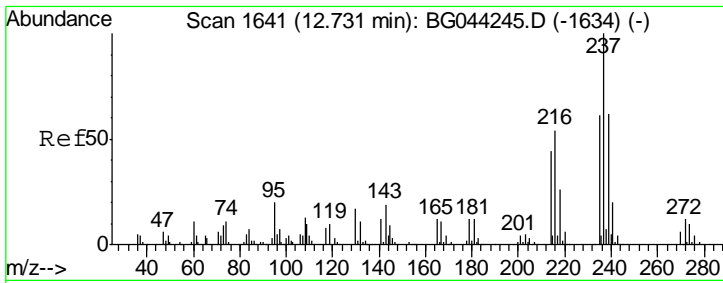
**Manual Integrations**  
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#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.607 ng  
 RT: 12.75 min Scan# 1645  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
216	100		
214	80.3	63.0	94.6
179	21.3	16.2	24.4
108	19.6	13.5	20.3





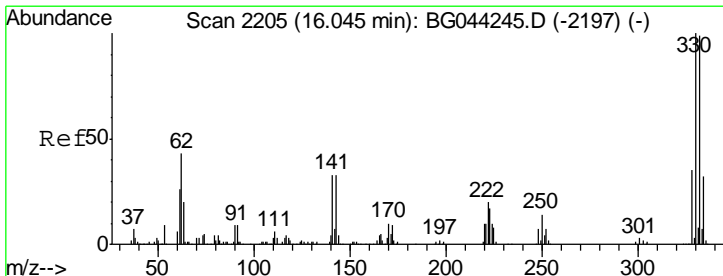
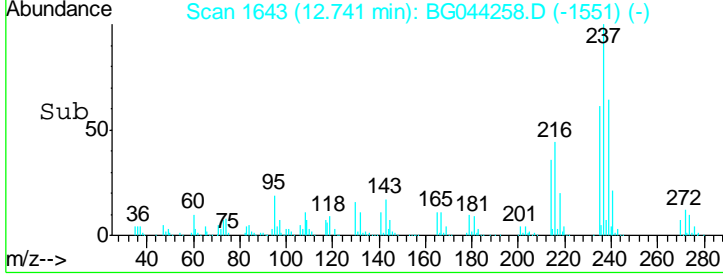
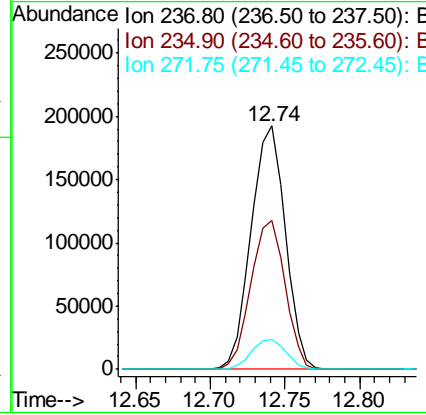
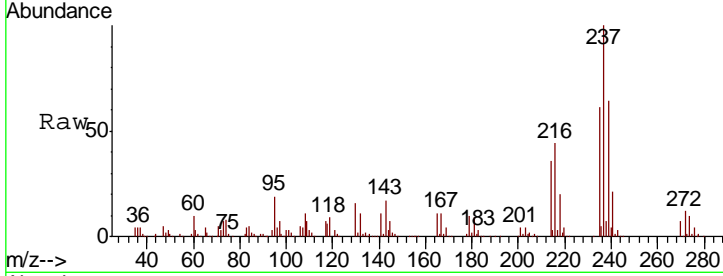
#41  
 Hexachlorocyclopentadiene  
 Concen: 83.451 ng  
 RT: 12.74 min Scan# 1643  
 Delta R.T. 0.01 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
237	100		
235	61.0	41.2	81.2
272	12.4	0.0	32.4

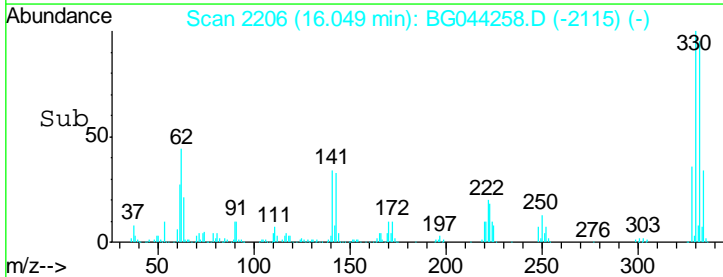
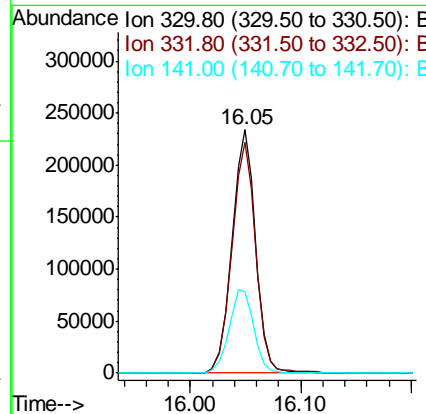
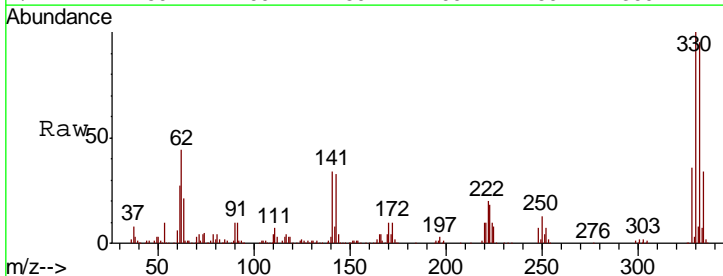
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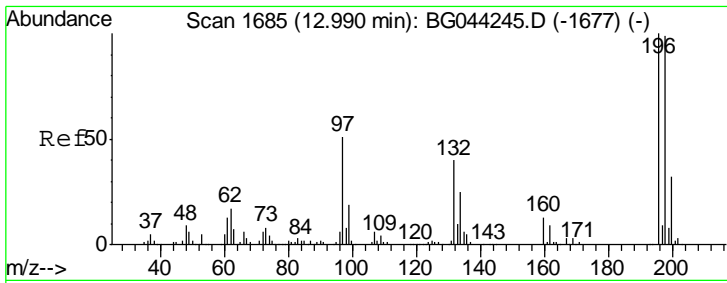


#42  
 2,4,6-Tribromophenol  
 Concen: 116.887 ng  
 RT: 16.05 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	36.2	28.3	42.5







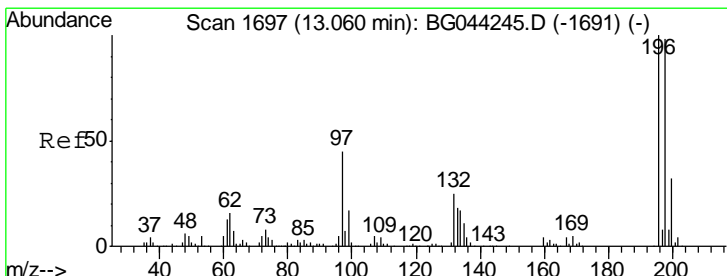
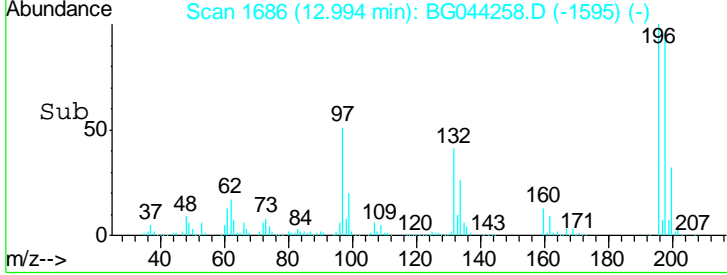
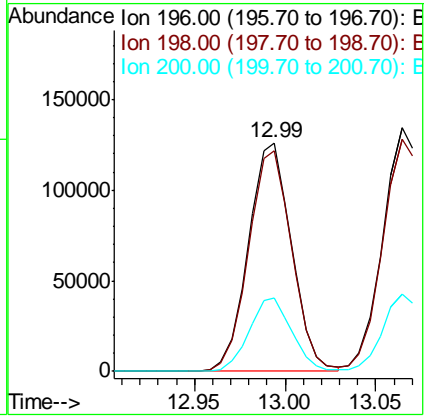
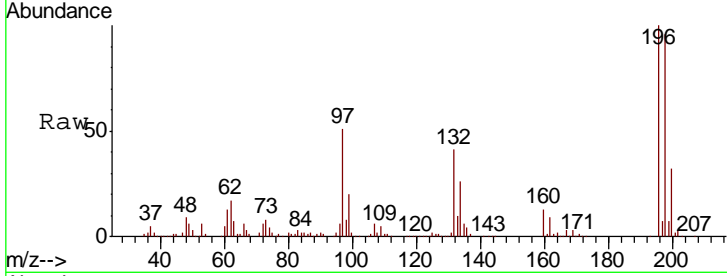
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.187 ng  
 RT: 12.99 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
196	100		
198	96.5	79.3	118.9
200	32.3	25.7	38.5

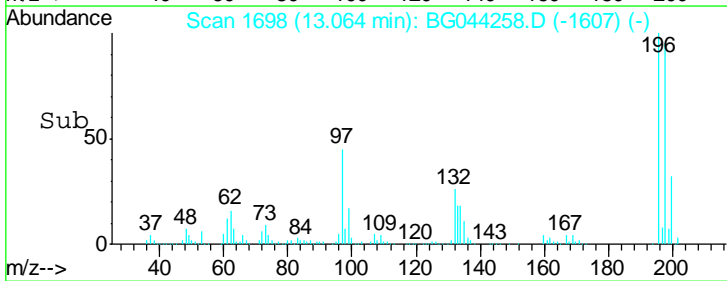
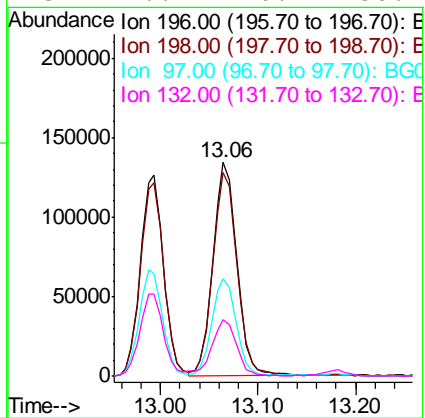
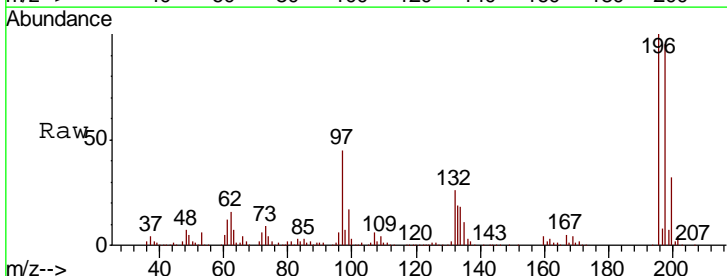
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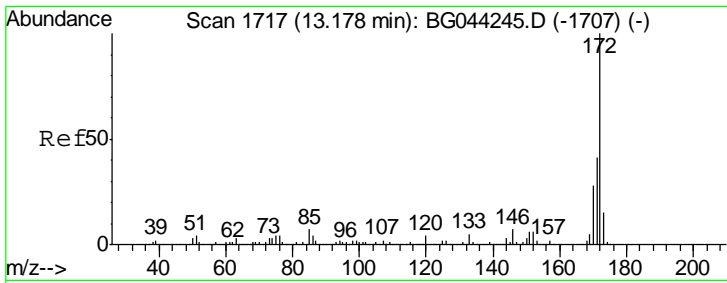
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.334 ng  
 RT: 13.06 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
196	100		
198	95.4	78.2	117.2
97	45.3	36.2	54.4
132	26.4	20.2	30.4





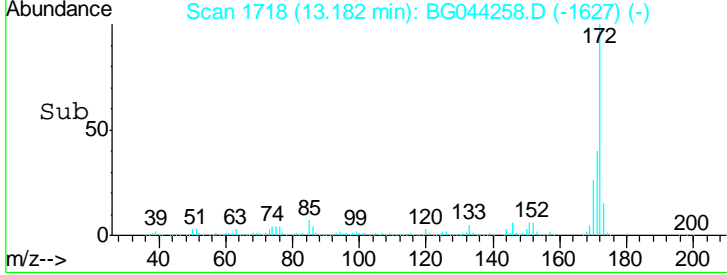
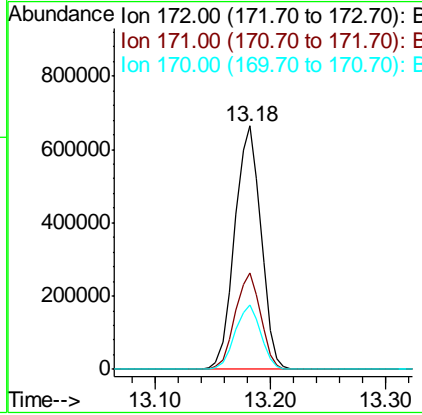
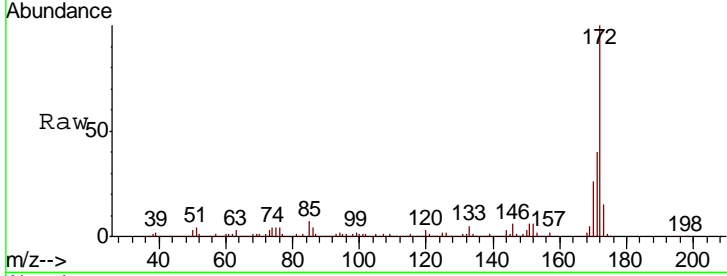
#45  
 2-Fluorobiphenyl  
 Concen: 68.408 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
172	1040478		
171	39.8	32.9	49.3
170	26.5	22.0	33.0

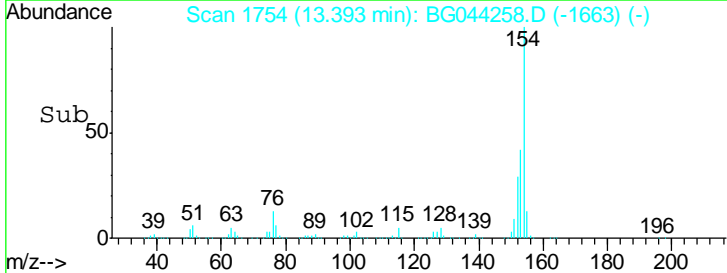
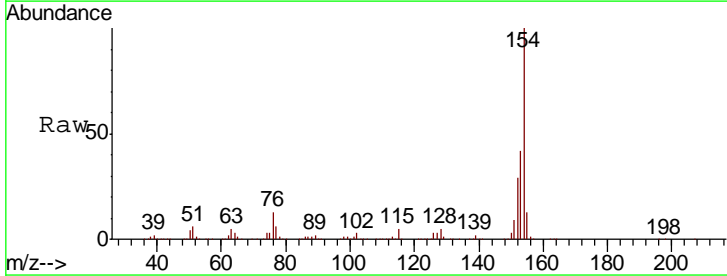
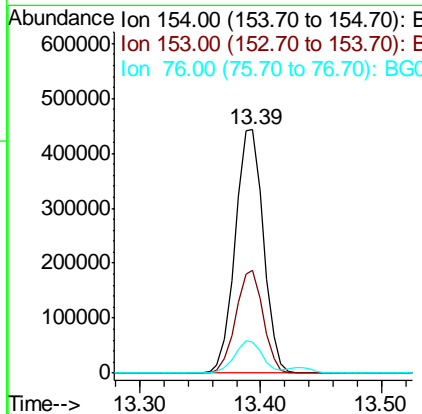
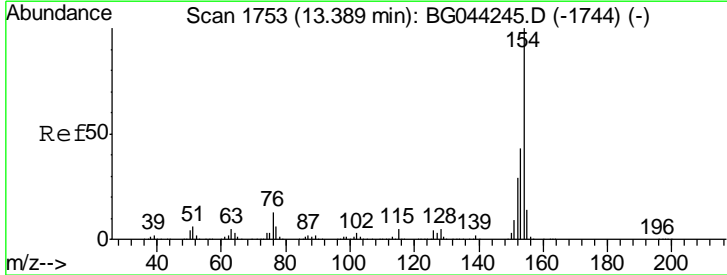
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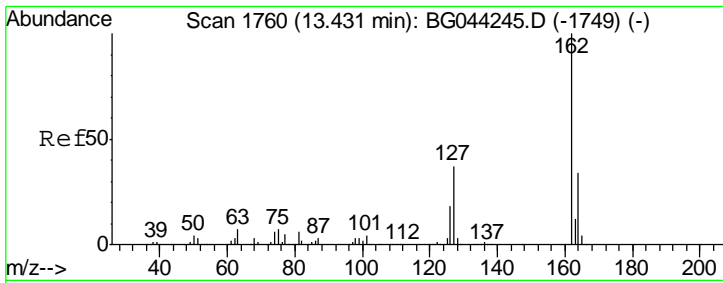
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#46  
 1,1'-Biphenyl  
 Concen: 39.234 ng  
 RT: 13.39 min Scan# 1754  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
154	720796		
153	42.3	22.7	62.7
76	12.9	0.0	32.9





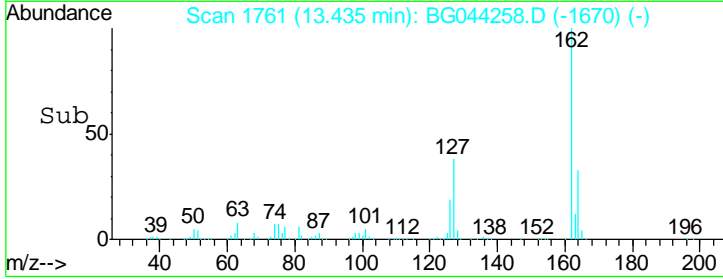
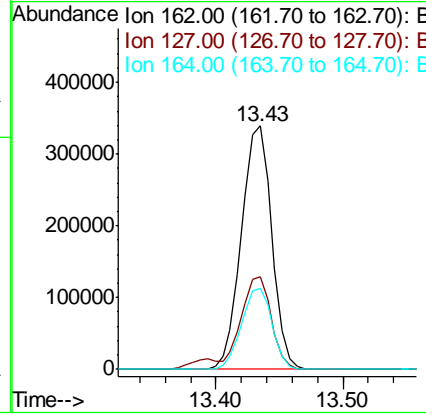
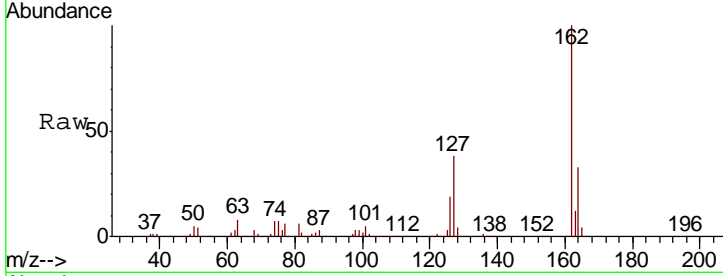
#47  
 2-Chloronaphthalene  
 Concen: 38.507 ng  
 RT: 13.43 min Scan# 1761  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
162	100		
127	38.0	30.0	45.0
164	33.5	27.2	40.8

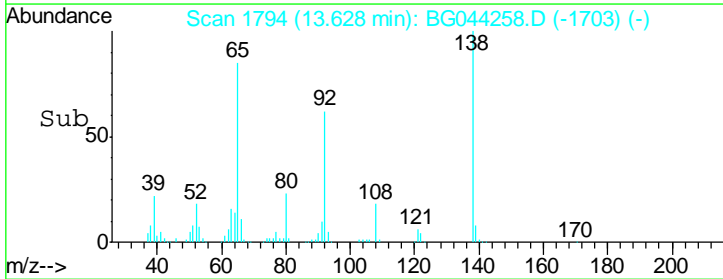
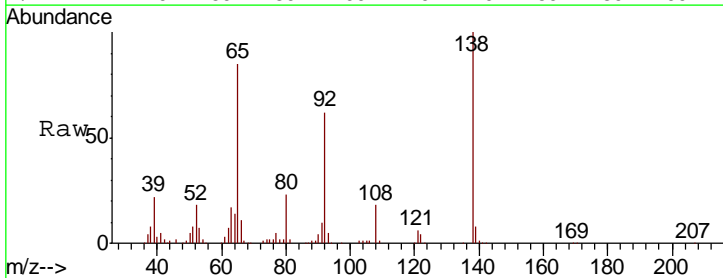
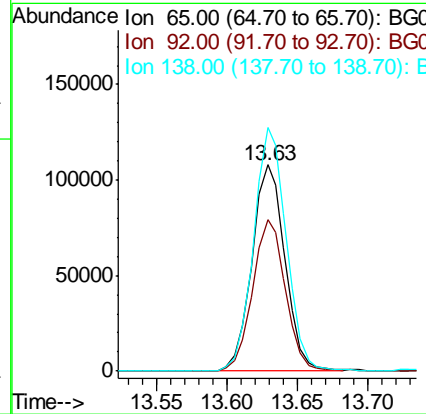
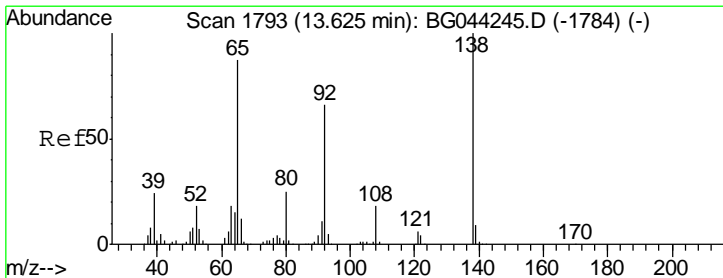
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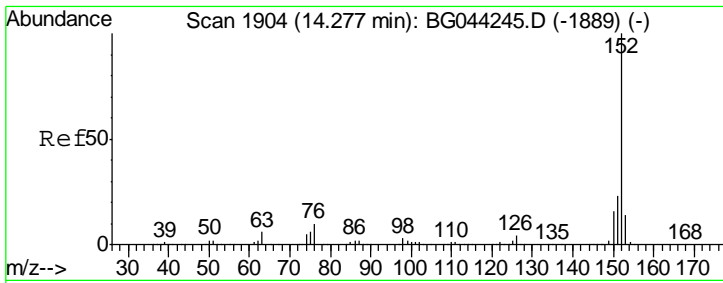
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#48  
 2-Nitroaniline  
 Concen: 41.076 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
65	100		
92	73.7	60.3	90.5
138	118.0	91.9	137.9





#49  
 Acenaphthylene  
 Concen: 42.638 ng  
 RT: 14.28 min Scan# 1905  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

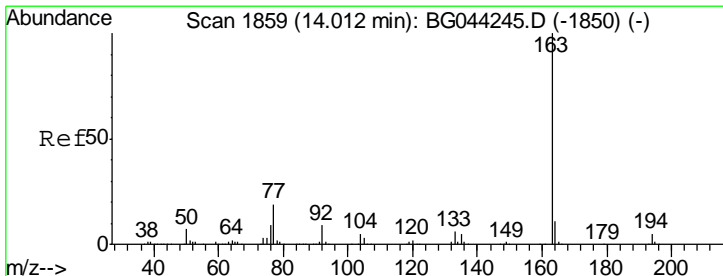
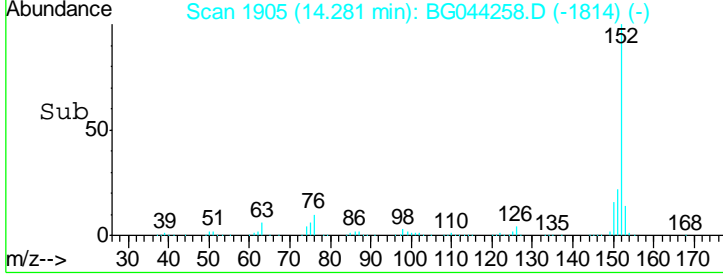
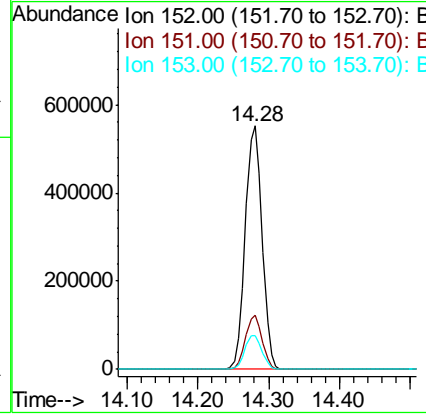
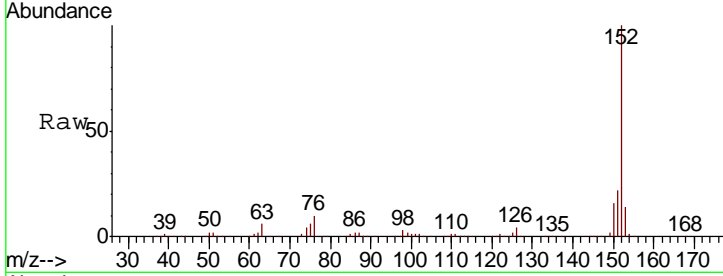
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion: 152 Resp: 914269

Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.1	27.1
153	14.0	11.5	17.3

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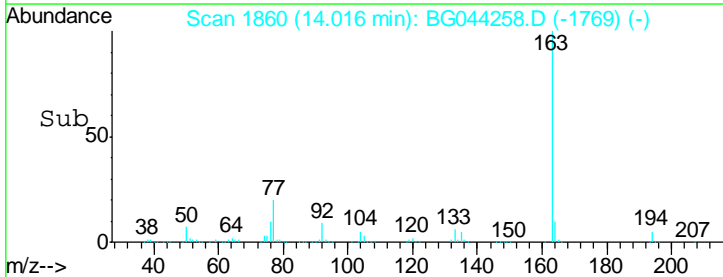
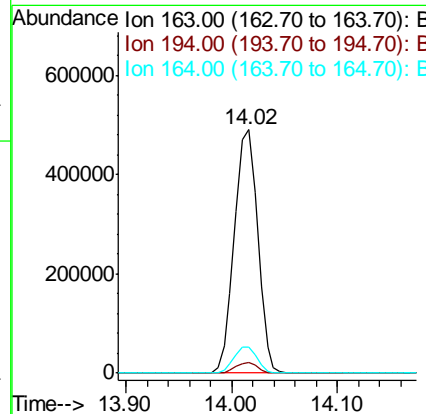
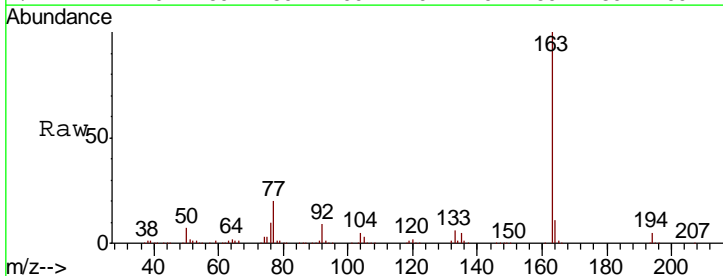
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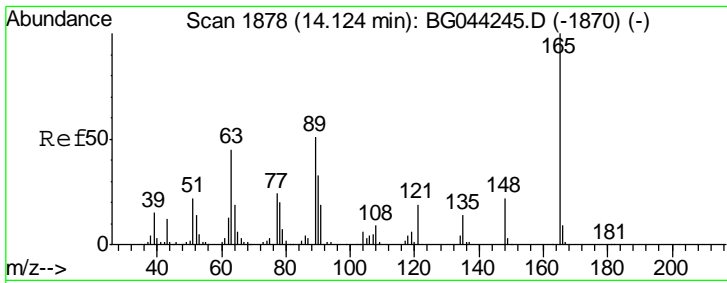


#50  
 Dimethylphthalate  
 Concen: 40.971 ng  
 RT: 14.02 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 163 Resp: 750120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.7	13.1





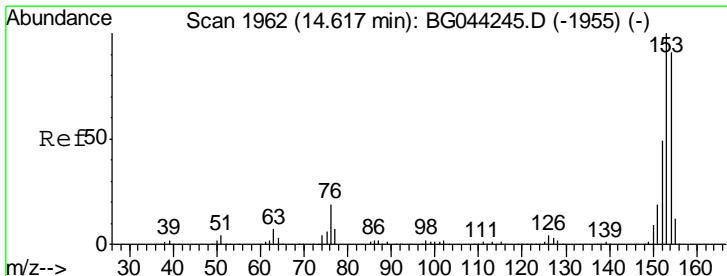
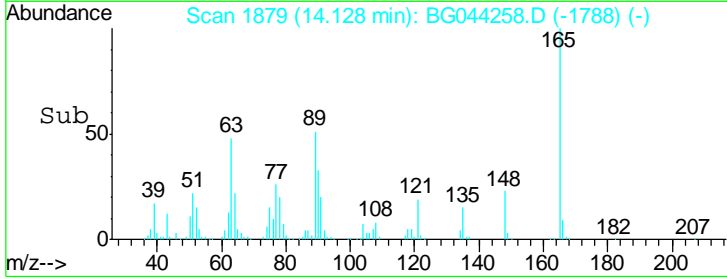
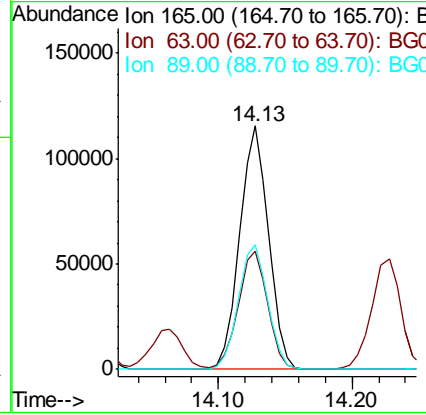
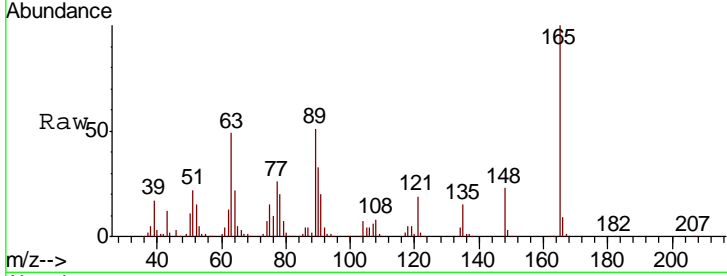
#51  
 2,6-Dinitrotoluene  
 Concen: 42.192 ng  
 RT: 14.13 min Scan# 1879  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
165	172236		
63	48.5	38.7	58.1
89	51.1	40.4	60.6

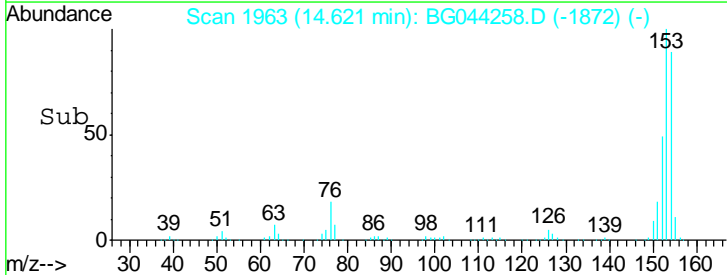
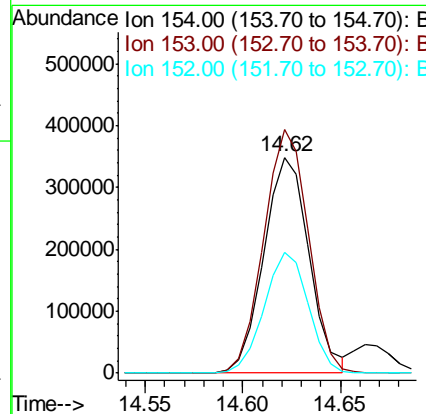
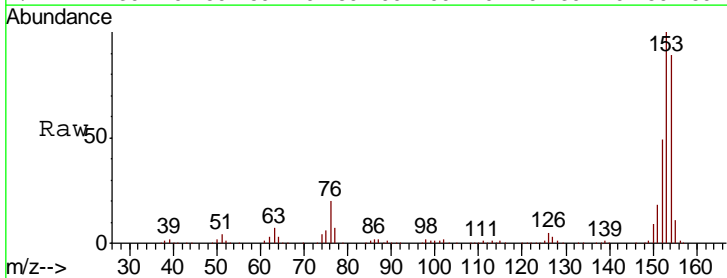
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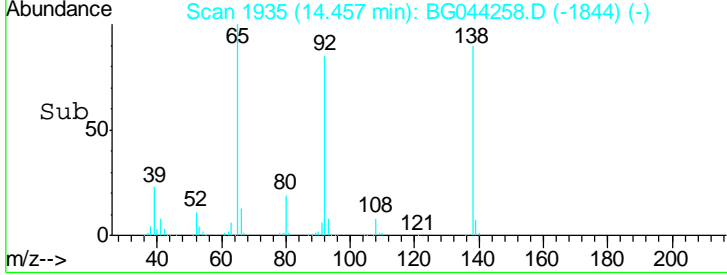
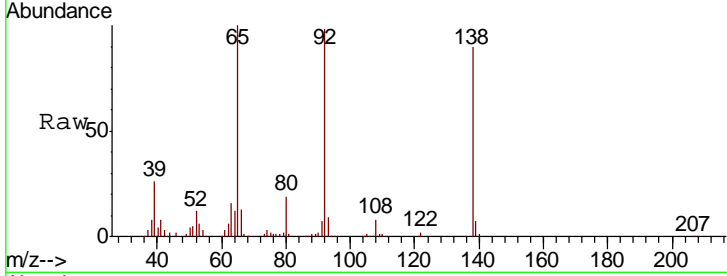
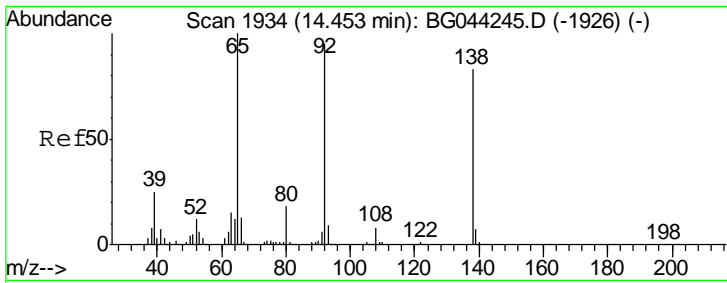
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#52  
 Acenaphthene  
 Concen: 40.187 ng  
 RT: 14.62 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
154	558528		
153	112.9	87.9	131.9
152	55.8	43.1	64.7



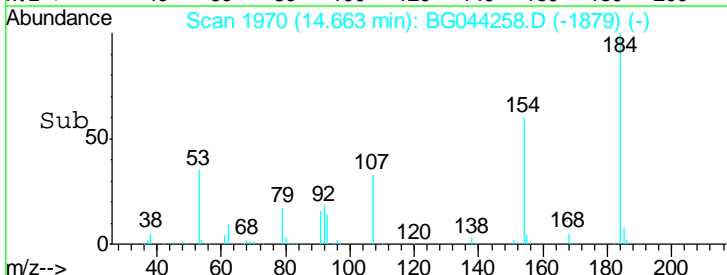
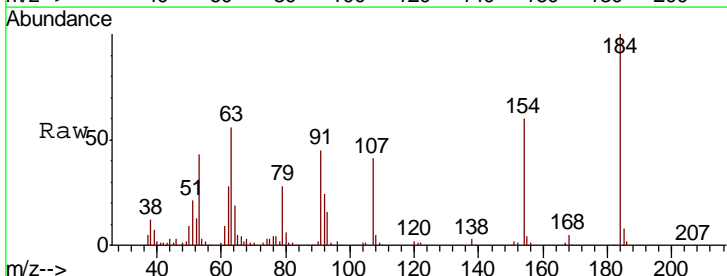
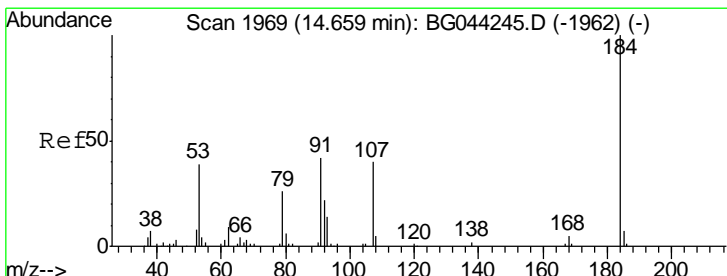
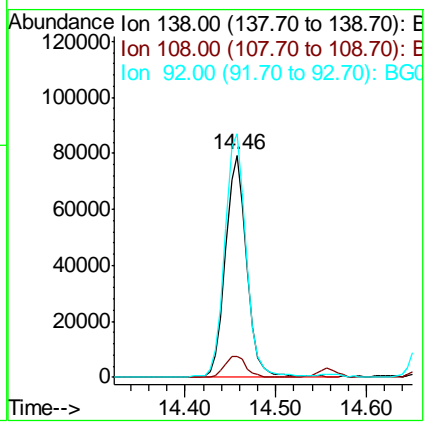


#53  
 3-Nitroaniline  
 Concen: 28.549 ng  
 RT: 14.46 min Scan# 1935  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
138	128935		
138	100		
108	9.3	7.9	11.9
92	109.4	91.0	136.4

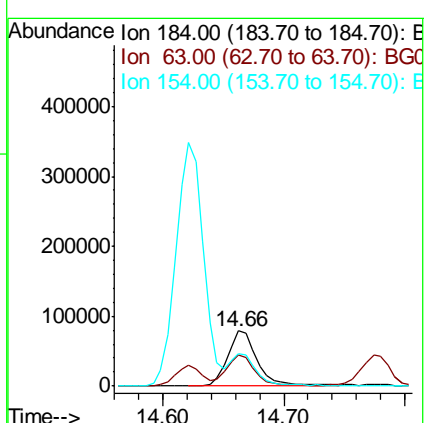
Instrument :  
 BNA\_G  
 ClientSampleId :  
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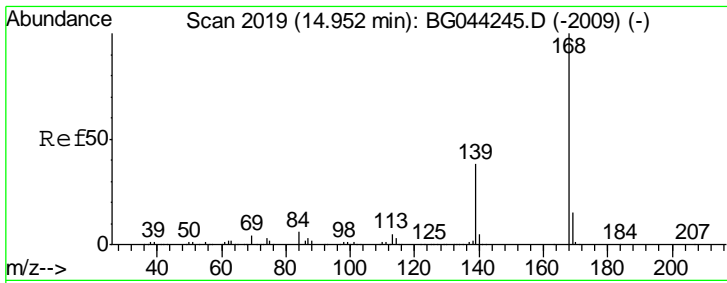
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#54  
 2,4-Dinitrophenol  
 Concen: 58.247 ng  
 RT: 14.66 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
184	135348		
184	100		
63	56.3	44.1	66.1
154	59.6	45.4	68.0





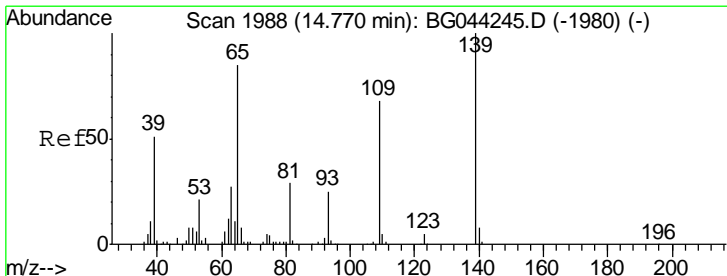
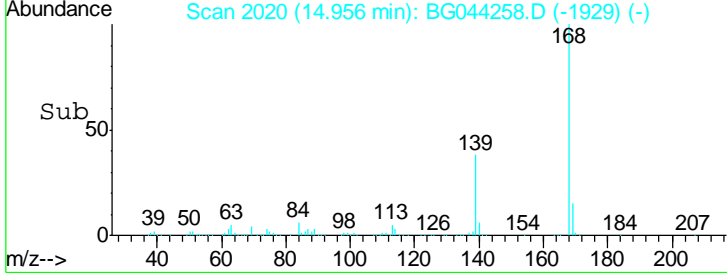
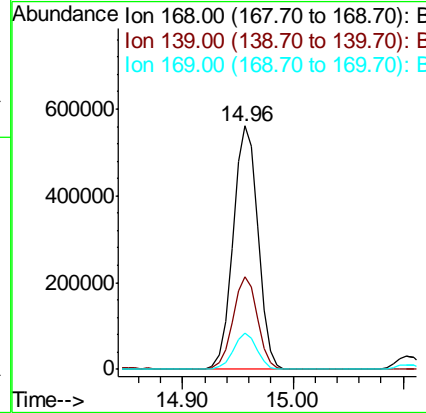
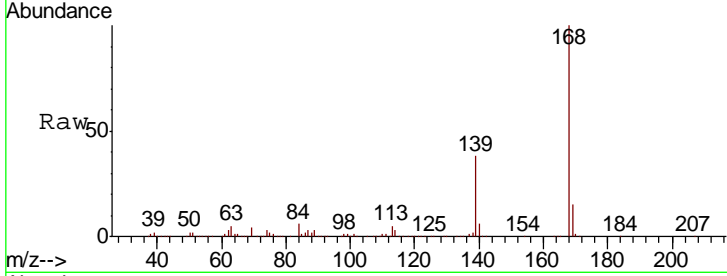
#55  
 Dibenzofuran  
 Concen: 42.103 ng  
 RT: 14.96 min Scan# 2020  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	14.7	11.7	17.5

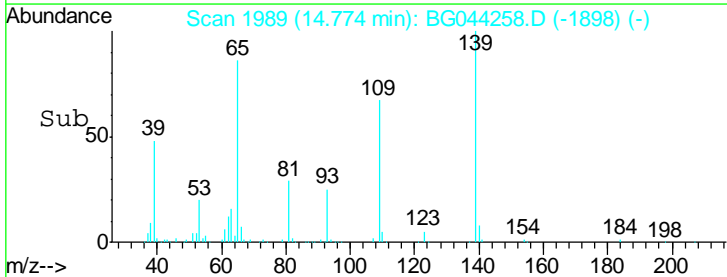
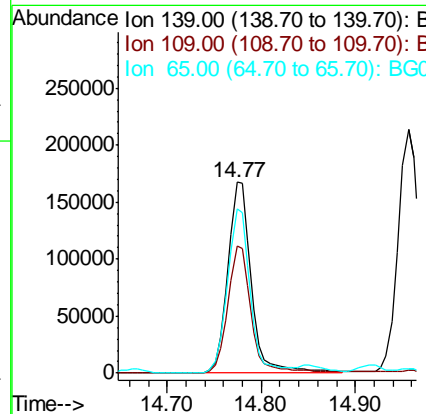
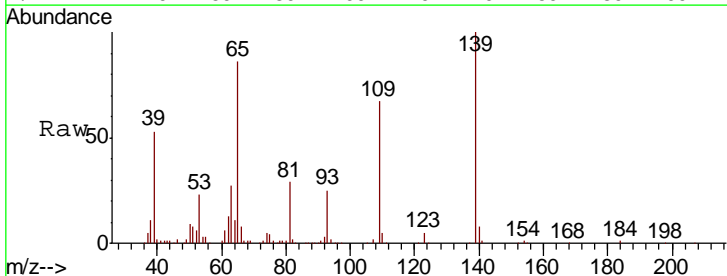
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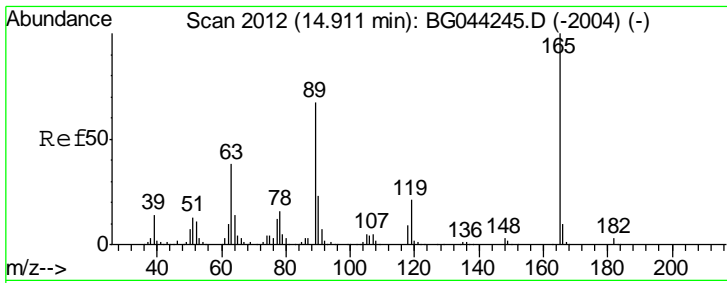
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#56  
 4-Nitrophenol  
 Concen: 88.697 ng  
 RT: 14.77 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
139	100		
109	66.6	47.5	87.5
65	86.3	64.9	104.9





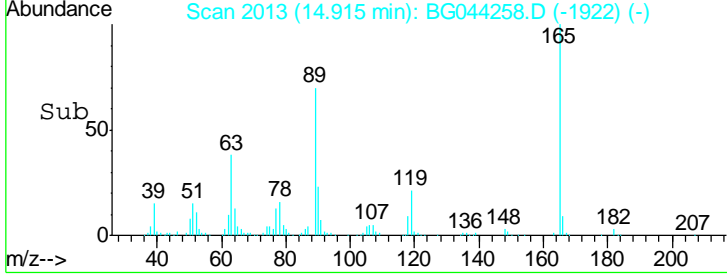
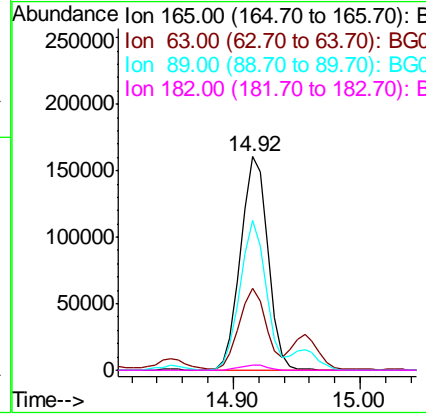
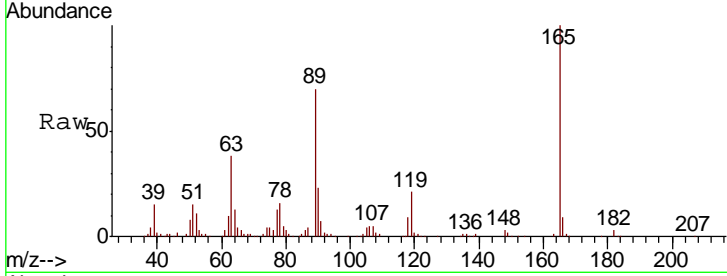
#57  
 2,4-Dinitrotoluene  
 Concen: 41.560 ng  
 RT: 14.92 min Scan# 2013  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
165	100		
63	38.4	30.3	45.5
89	69.9	53.4	80.2
182	2.7	2.1	3.1

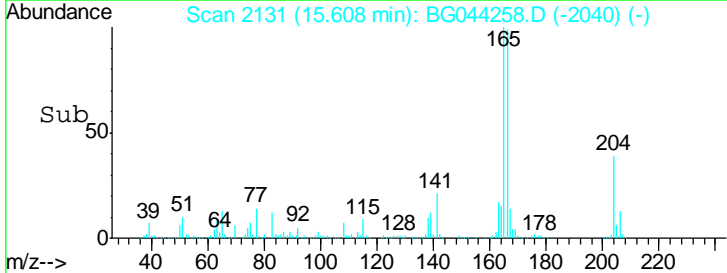
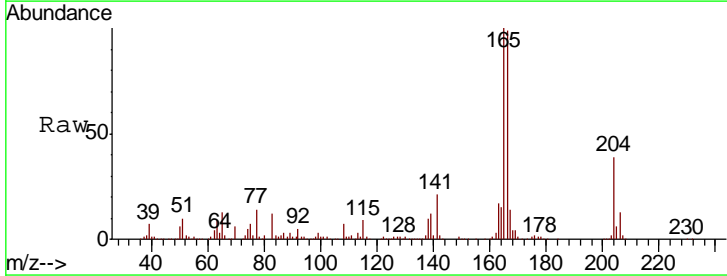
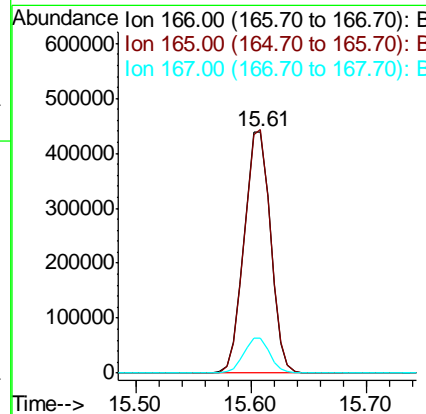
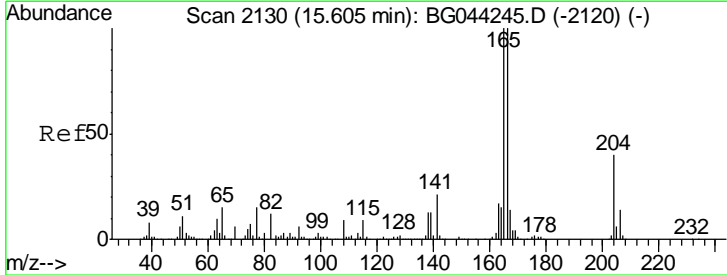
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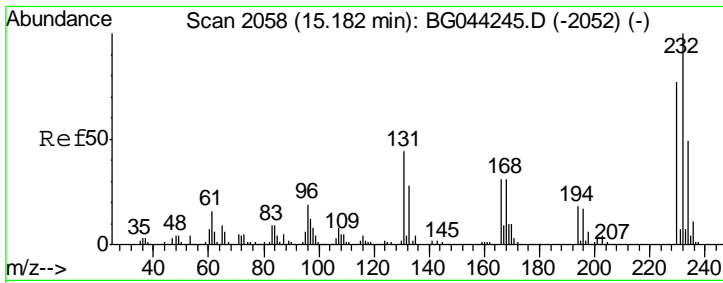


#58  
 Fluorene  
 Concen: 42.165 ng  
 RT: 15.61 min Scan# 2131  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
166	100		
165	100.8	79.9	119.9
167	14.5	11.4	17.0

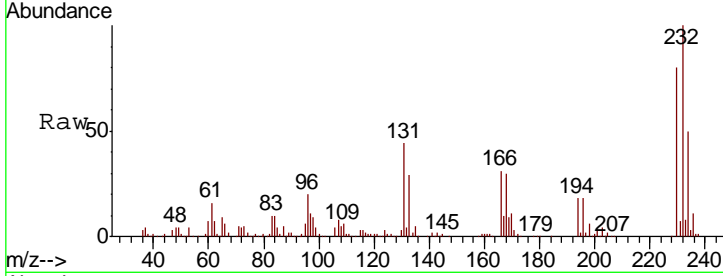






#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.499 ng  
 RT: 15.19 min Scan# 2059  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

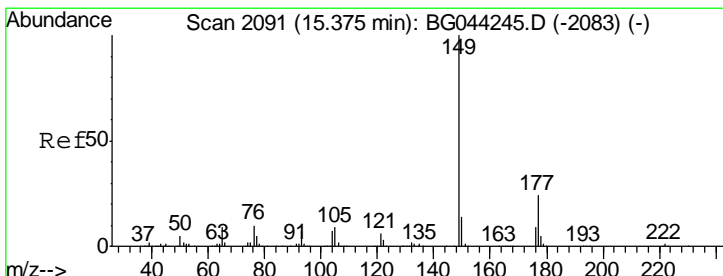
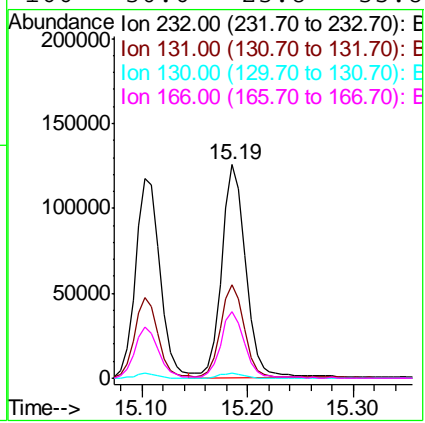
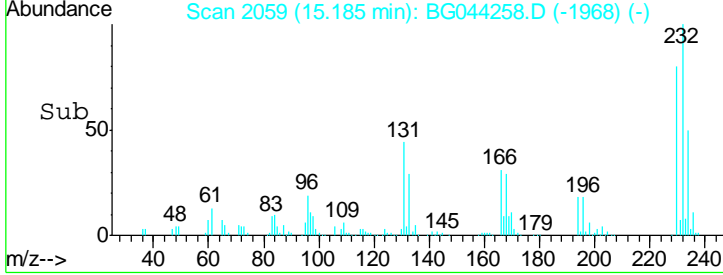
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS



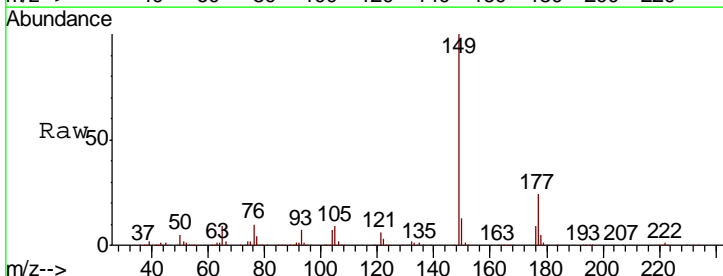
Tot Ion: 232 Resp: 197634

Ion	Ratio	Lower	Upper
232	100		
131	43.7	34.2	51.4
130	2.4	1.8	2.8
166	30.6	23.8	35.8

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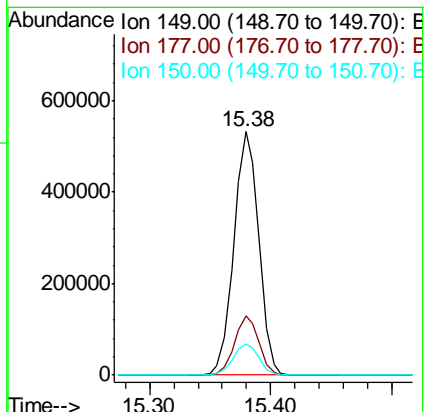
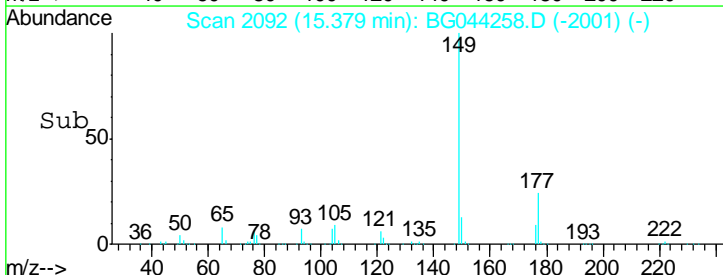


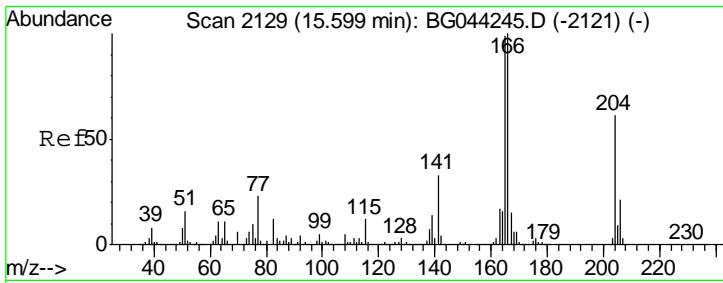
#60  
 Diethylphthalate  
 Concen: 41.806 ng  
 RT: 15.38 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52



Tgt Ion: 149 Resp: 762656

Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.0	10.9	16.3





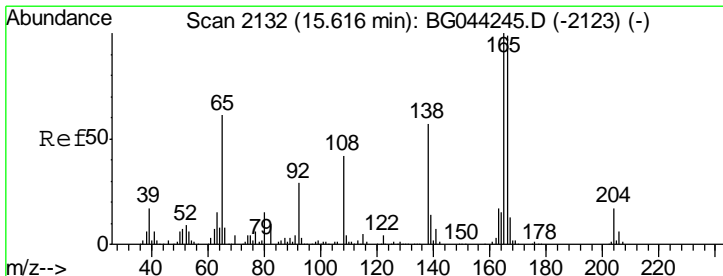
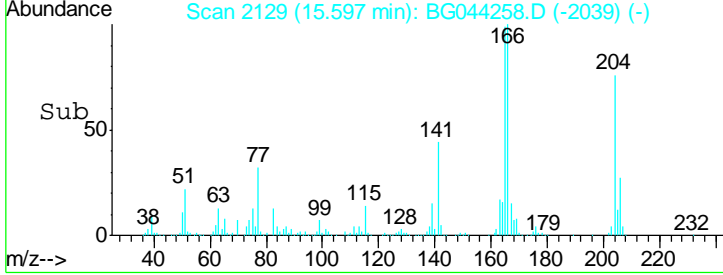
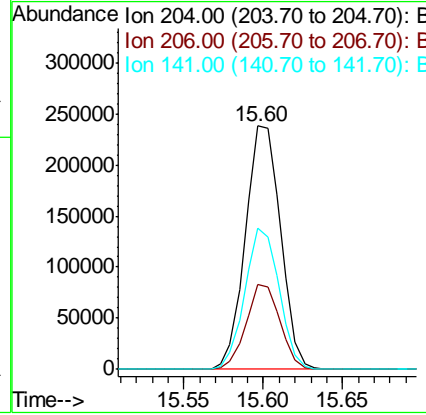
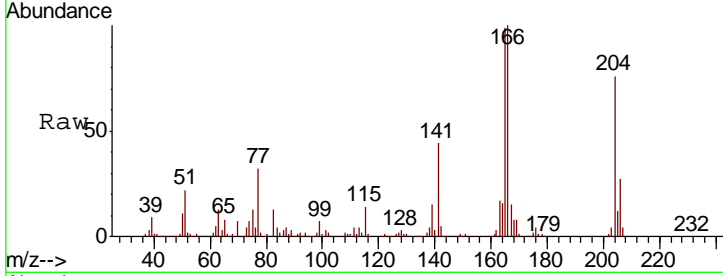
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.885 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
204	367411		
204	100		
206	34.8	27.6	41.4
141	57.9	43.4	65.0

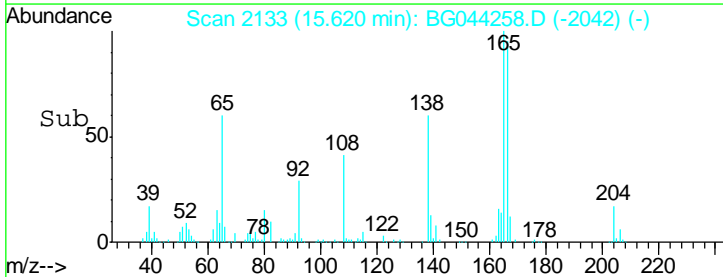
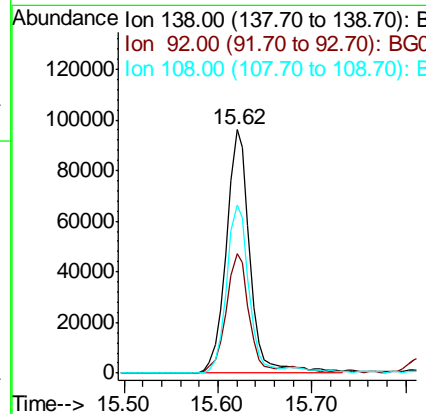
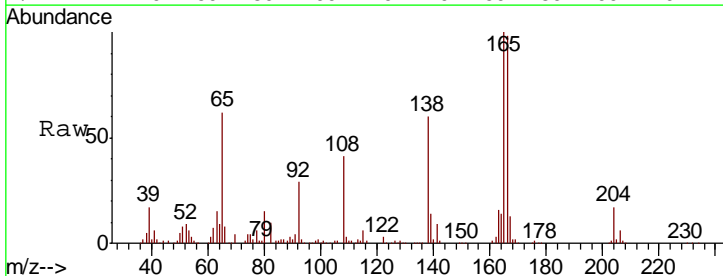
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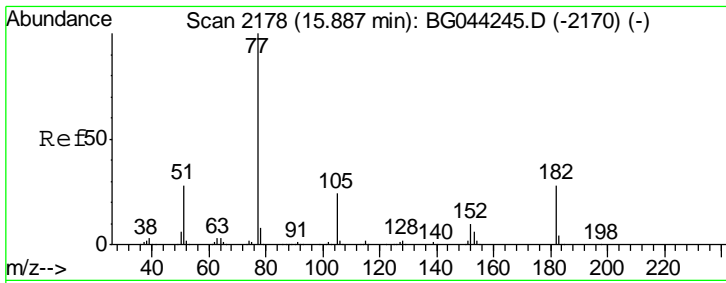
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#62  
 4-Nitroaniline  
 Concen: 37.368 ng  
 RT: 15.62 min Scan# 2133  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

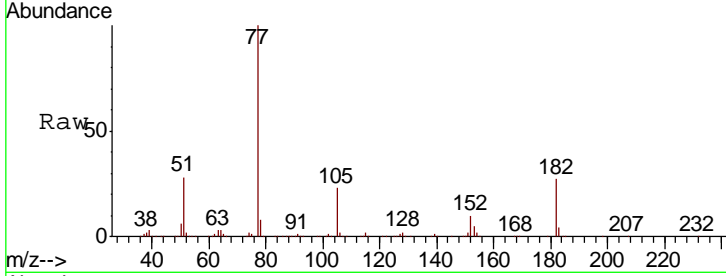
Tgt Ion	Resp	Lower	Upper
138	168634		
138	100		
92	49.1	31.3	71.3
108	69.2	52.6	92.6





#63  
 Azobenzene  
 Concen: 43.359 ng  
 RT: 15.89 min Scan# 2179  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

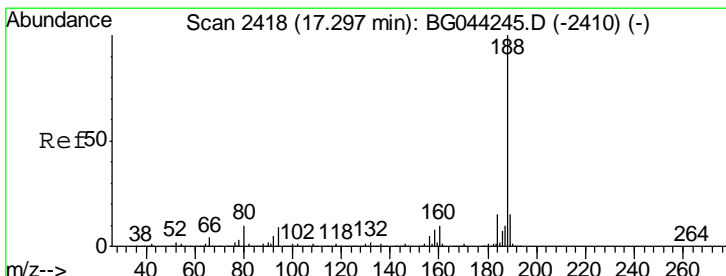
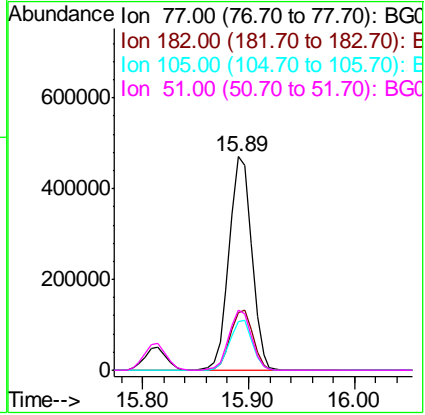
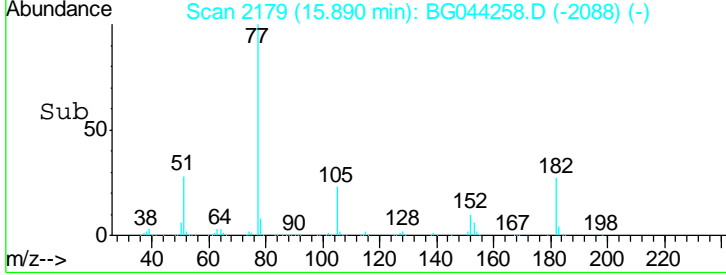
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS



Tgt Ion: 77 Resp: 693255

Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.2	48.2
105	23.0	3.6	43.6
51	28.2	8.3	48.3

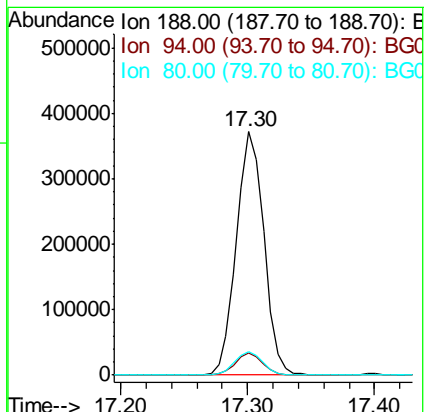
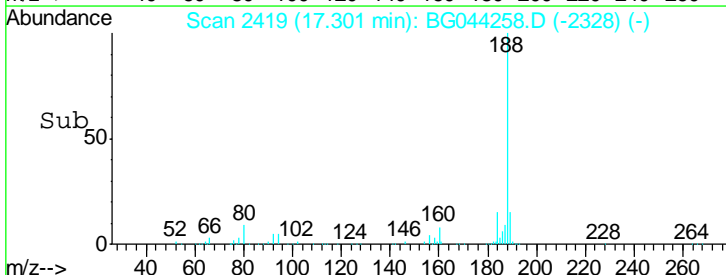
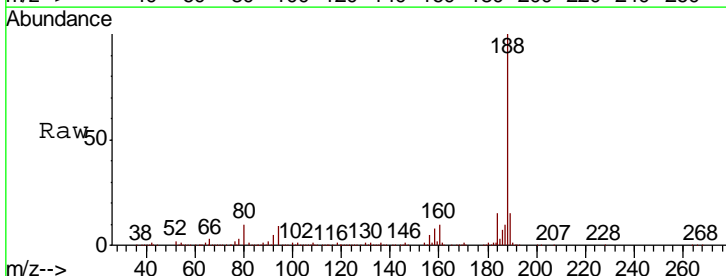
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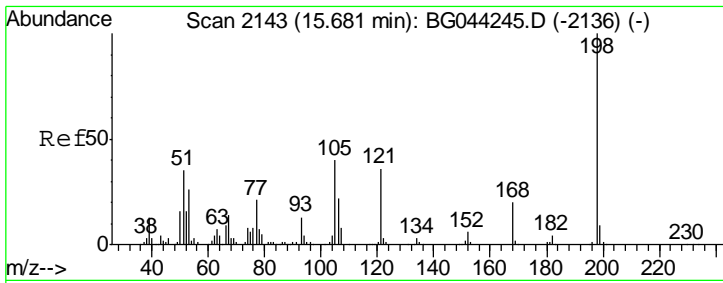


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.30 min Scan# 2419  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 188 Resp: 559353

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.6	7.7	11.5





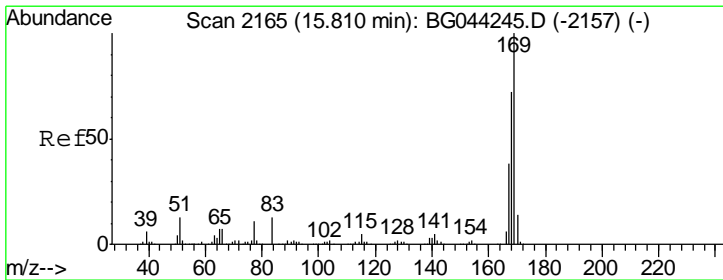
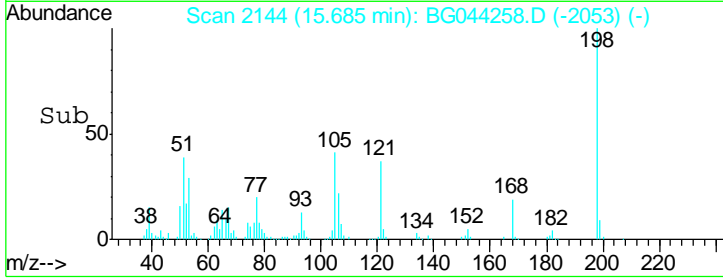
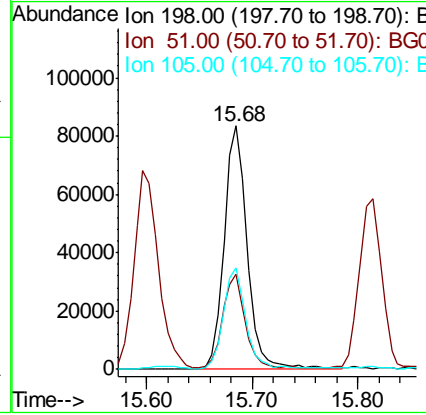
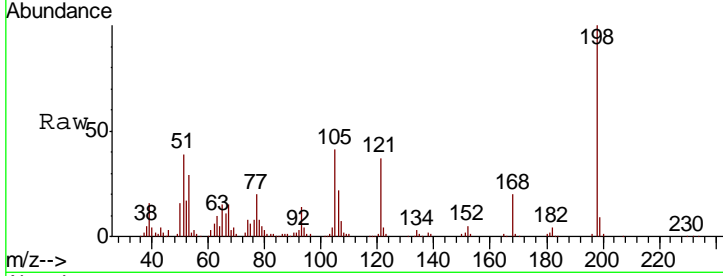
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.252 ng  
 RT: 15.68 min Scan# 2144  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
198	127372		
51	38.9	16.6	56.6
105	41.5	20.6	60.6

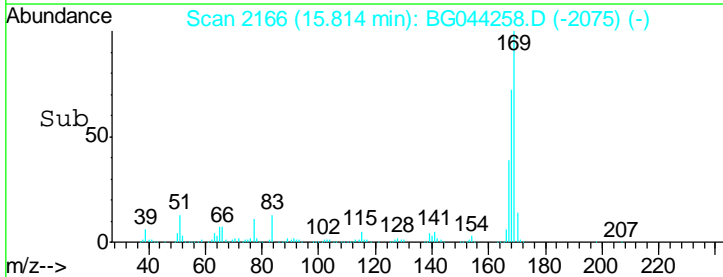
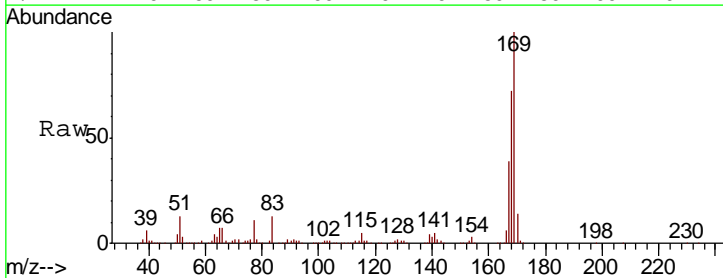
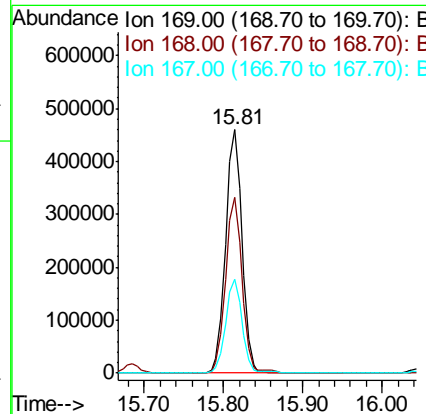
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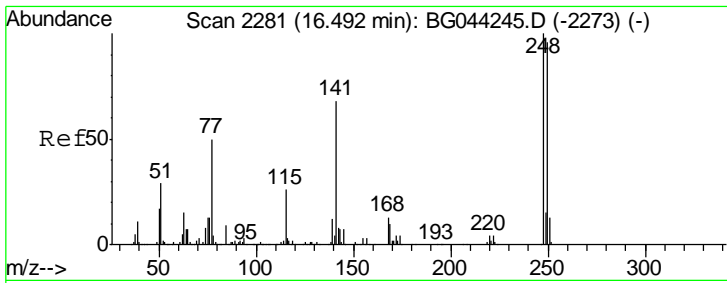
mohammad  
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#66  
 n-Nitrosodiphenylamine  
 Concen: 42.080 ng  
 RT: 15.81 min Scan# 2166  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
169	659627		
168	72.4	57.9	86.9
167	38.8	30.7	46.1



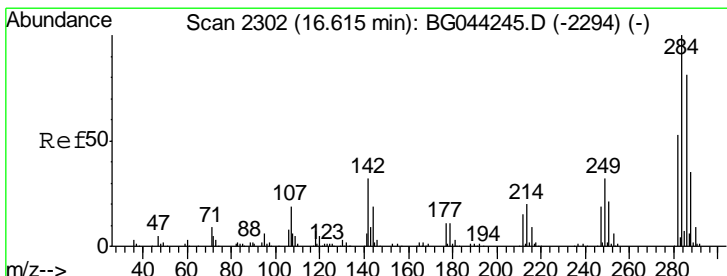
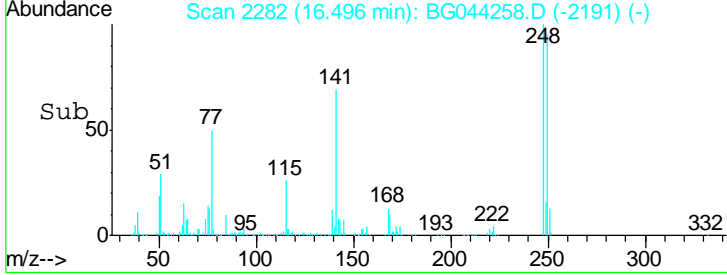
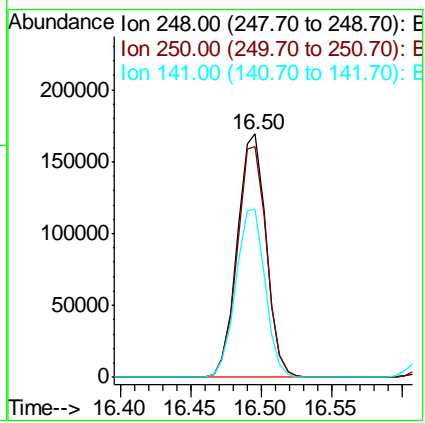
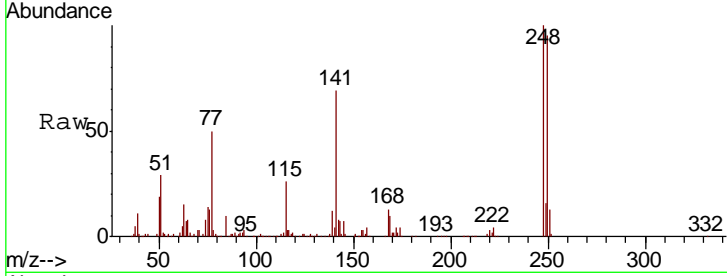


#67  
 4-Bromophenyl-phenylether  
 Concen: 39.547 ng  
 RT: 16.50 min Scan# 2282  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB126492BS

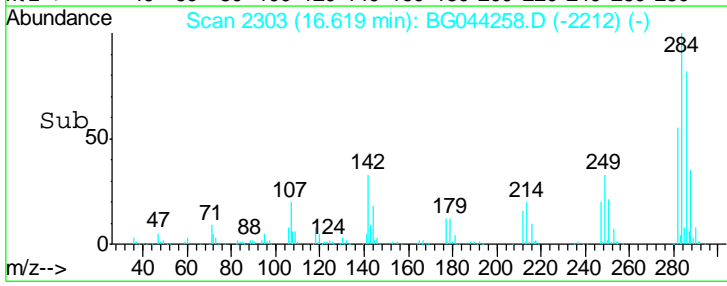
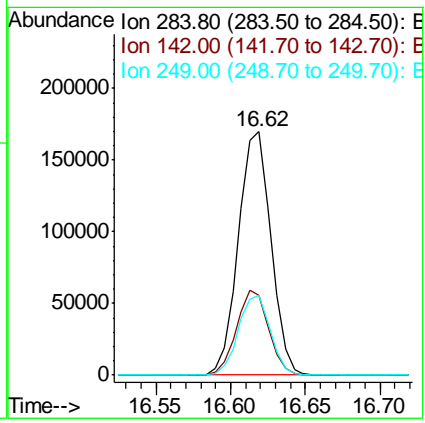
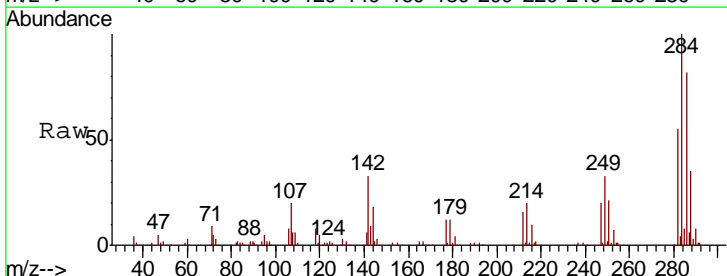
Tgt Ion	Resp	Lower	Upper
248	100		
250	94.7	76.6	114.8
141	68.8	54.7	82.1

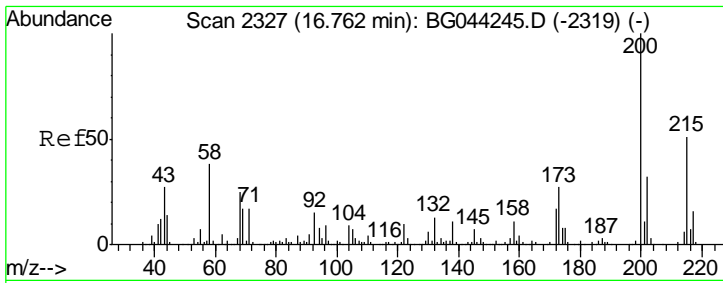
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#68  
 Hexachlorobenzene  
 Concen: 37.653 ng  
 RT: 16.62 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
284	100		
142	32.7	25.3	37.9
249	32.9	25.5	38.3





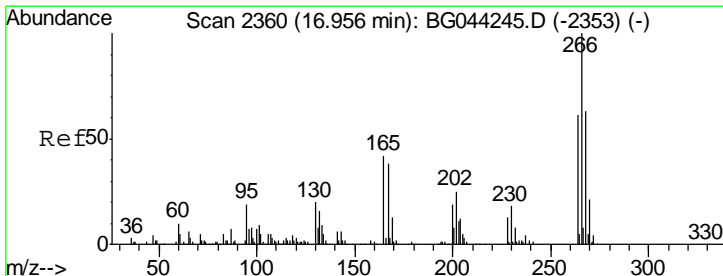
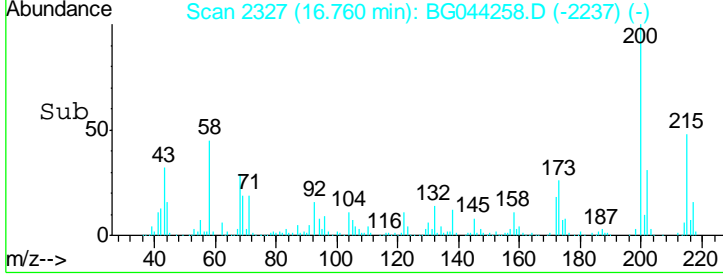
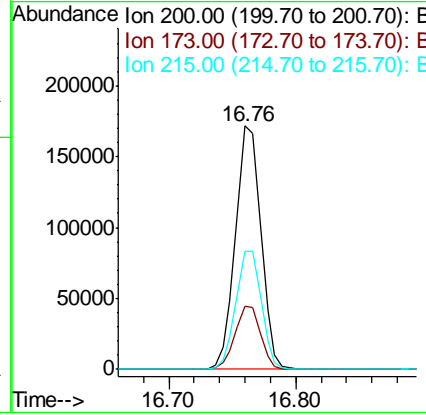
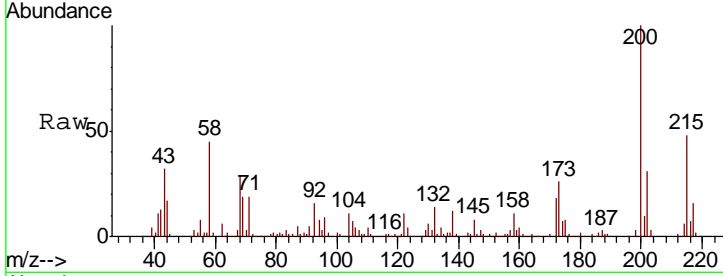
#69  
 Atrazine  
 Concen: 44.374 ng  
 RT: 16.76 min Scan# 2327  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
200	238416		
200	100		
173	26.1	6.6	46.6
215	48.4	31.0	71.0

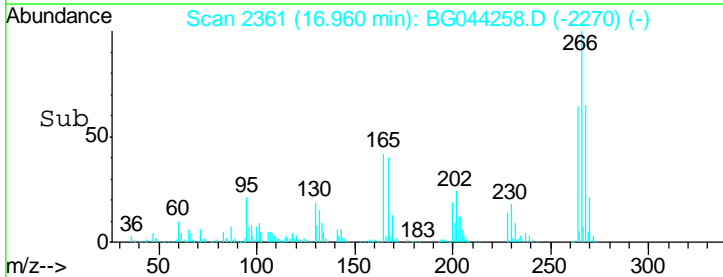
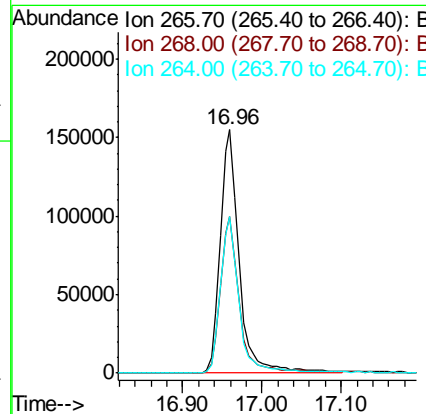
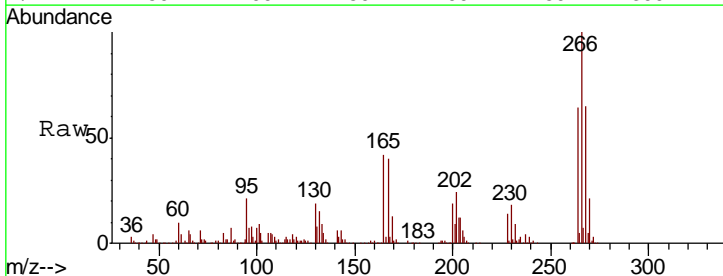
**Manual Integrations**  
**APPROVED**

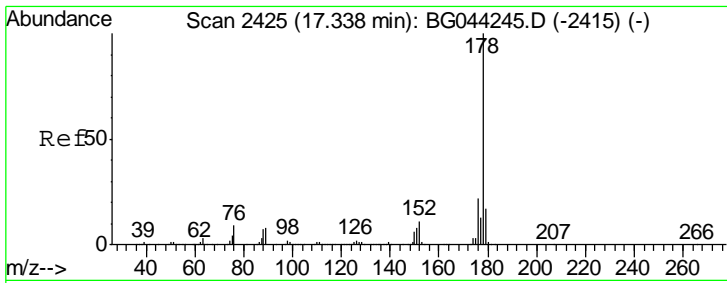
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#70  
 Pentachlorophenol  
 Concen: 74.686 ng  
 RT: 16.96 min Scan# 2361  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
266	257105		
266	100		
268	64.5	50.6	75.8
264	64.2	48.7	73.1





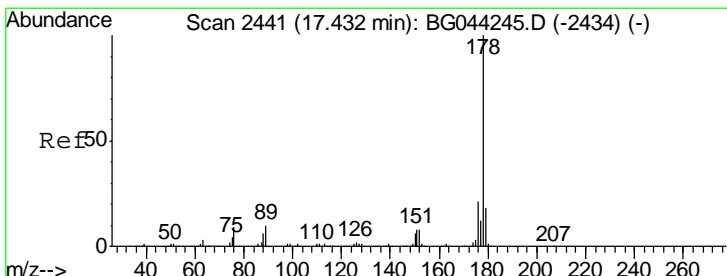
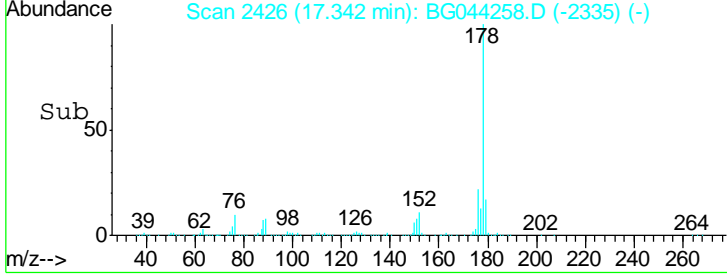
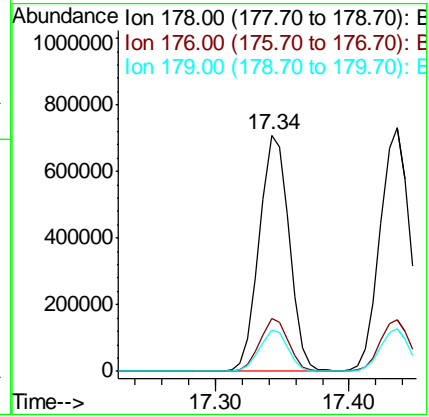
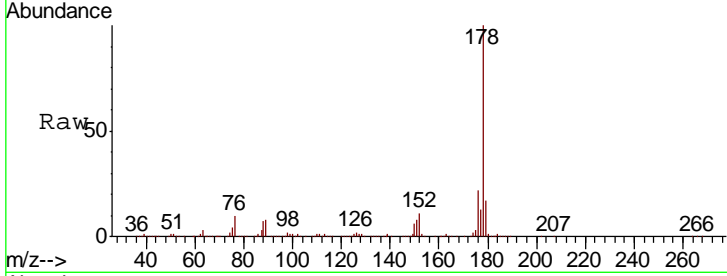
#71  
 Phenanthrene  
 Concen: 40.451 ng  
 RT: 17.34 min Scan# 2426  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**Client Sampled :**  
 PB126492BS

Tgt Ion: 178 Resp: 1095641

Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.7	26.5
179	17.5	13.7	20.5

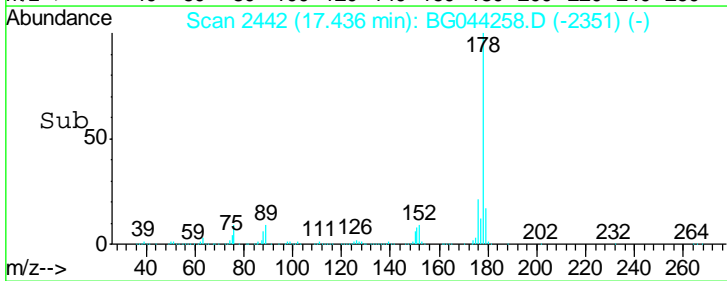
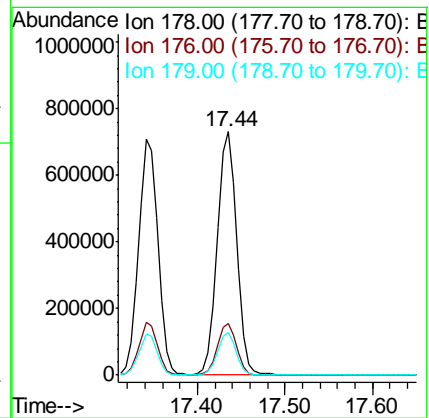
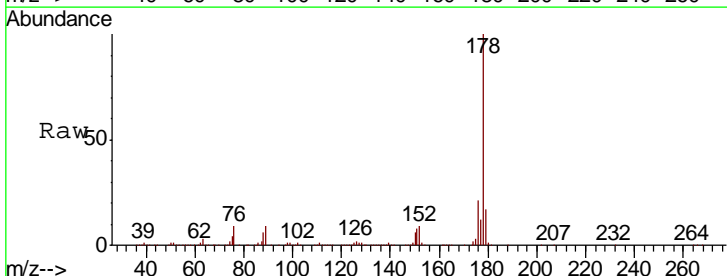
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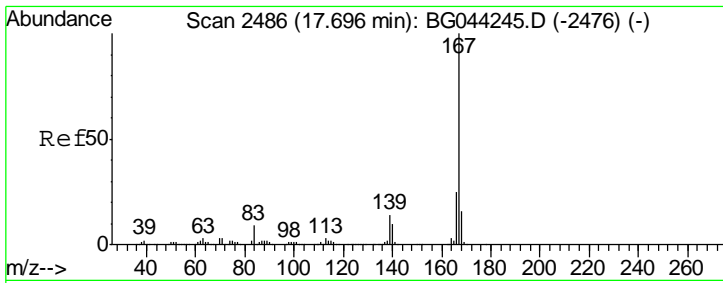


#72  
 Anthracene  
 Concen: 42.288 ng  
 RT: 17.44 min Scan# 2442  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 178 Resp: 1132416

Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.0	25.4
179	17.3	14.4	21.6



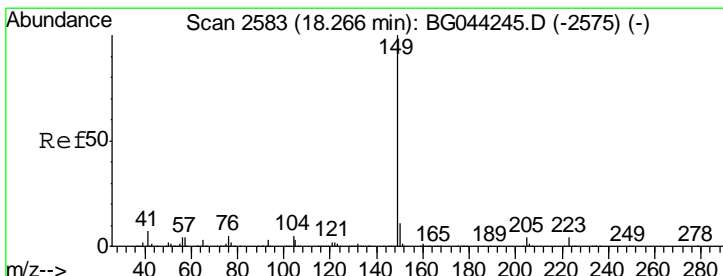
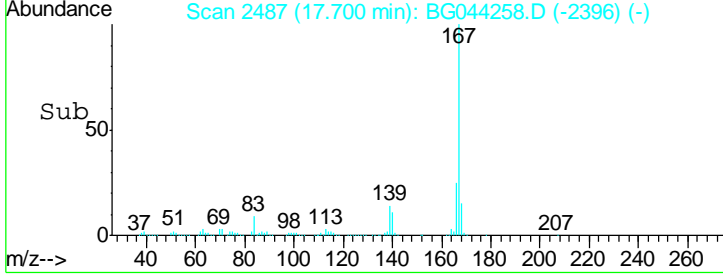
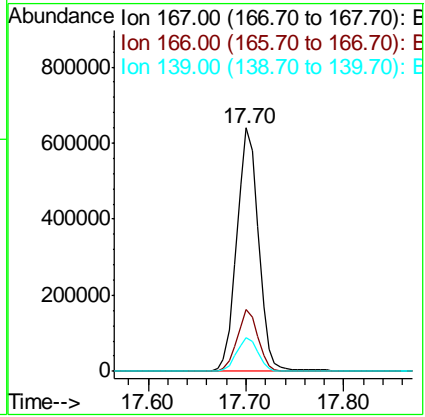
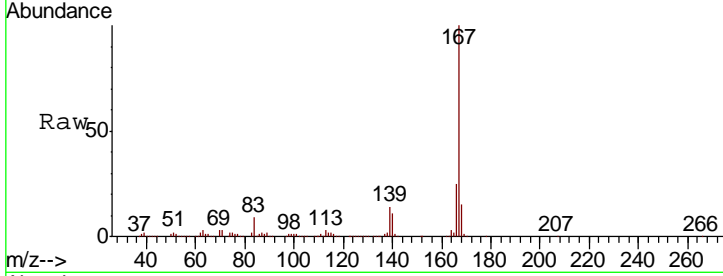


#73  
 Carbazole  
 Concen: 40.237 ng  
 RT: 17.70 min Scan# 2487  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

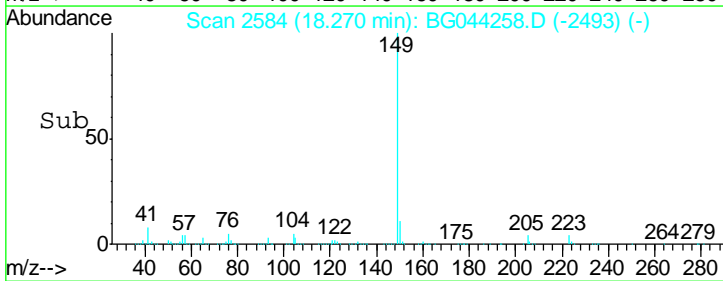
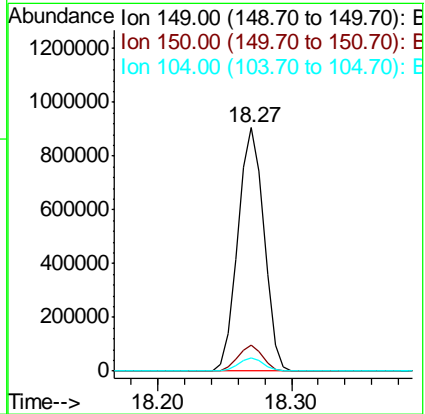
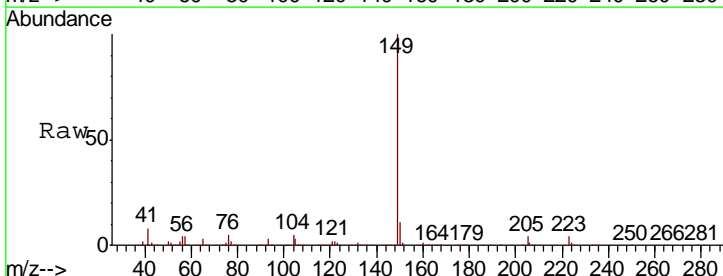
Tgt Ion	Resp	Lower	Upper
167	100		
166	25.4	19.8	29.6
139	13.8	11.1	16.7

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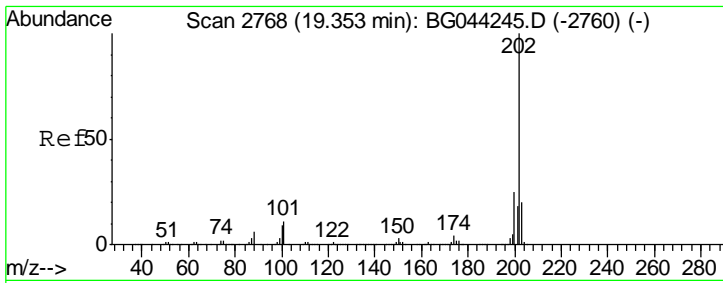


#74  
 Di-n-butylphthalate  
 Concen: 40.194 ng  
 RT: 18.27 min Scan# 2584  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.4	4.3	6.5







#75  
 Fluoranthene  
 Concen: 39.957 ng  
 RT: 19.35 min Scan# 2768  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

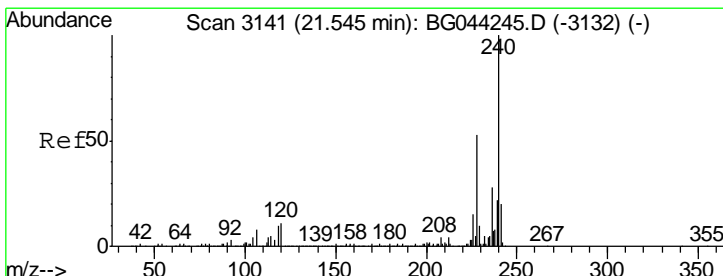
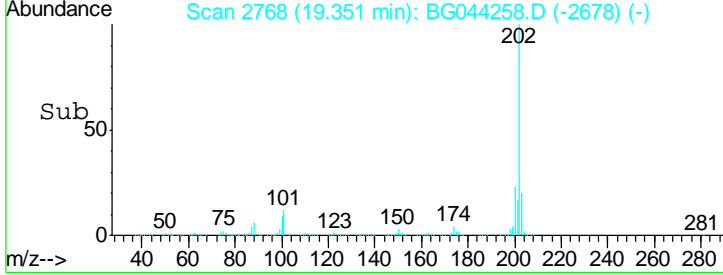
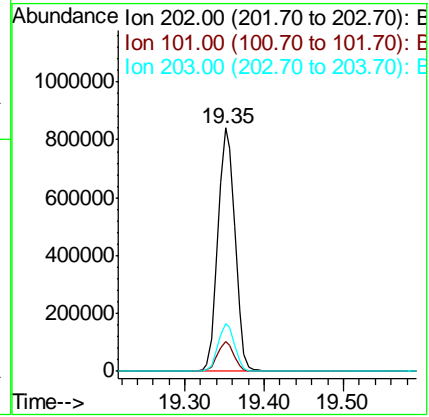
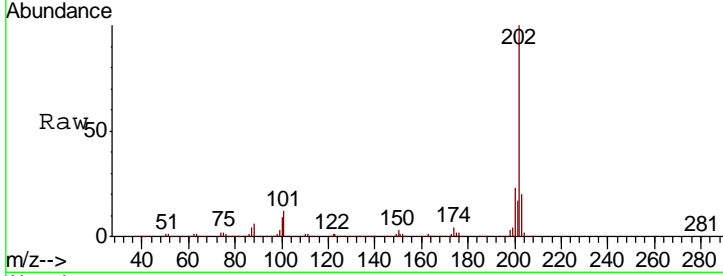
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion: 202 Resp: 1251966

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.3
203	19.7	0.0	39.9

**Manual Integrations**  
**APPROVED**

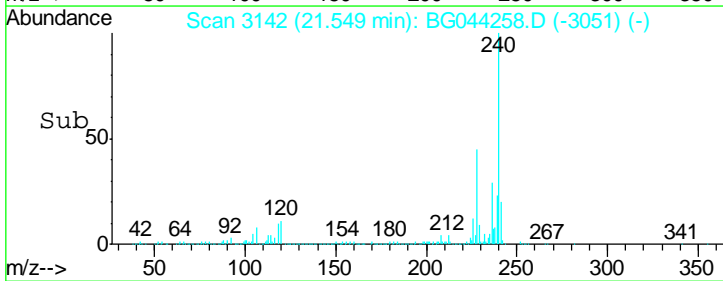
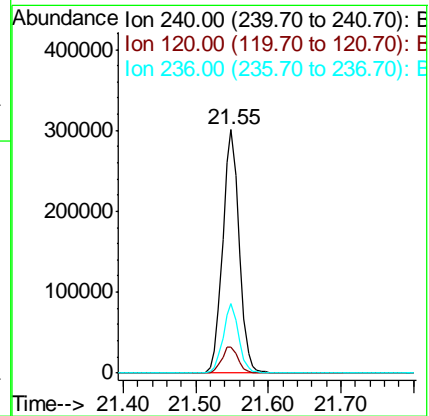
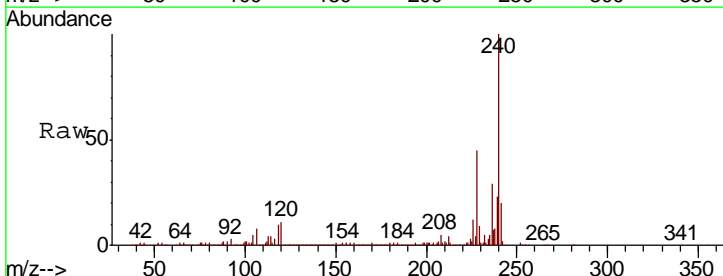
mohammad  
 2/3/2020 4:10:43 PM

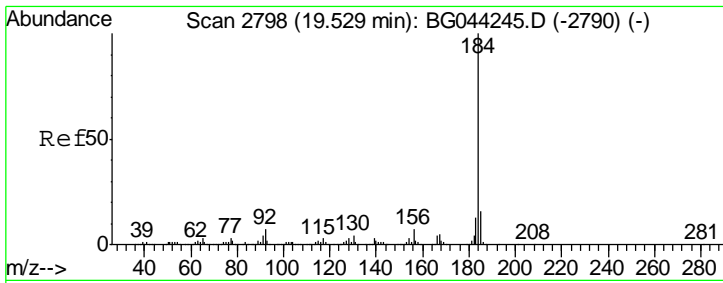


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.55 min Scan# 3142  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 240 Resp: 474522

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	28.6	22.1	33.1





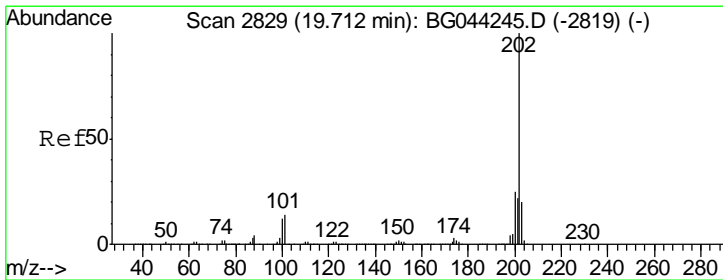
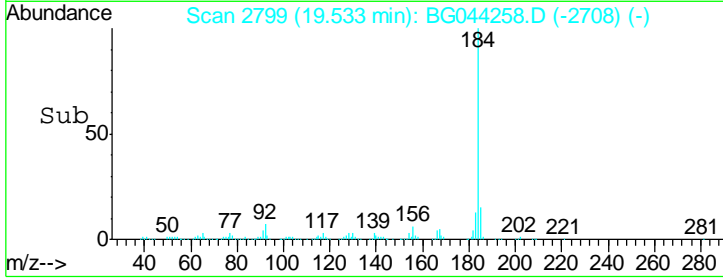
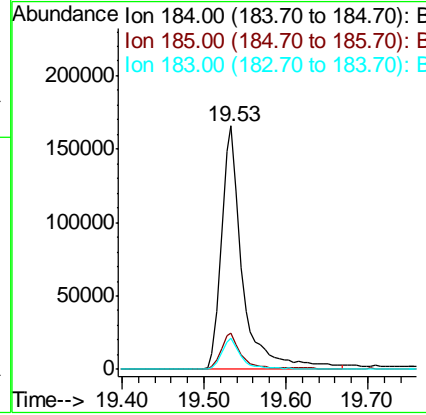
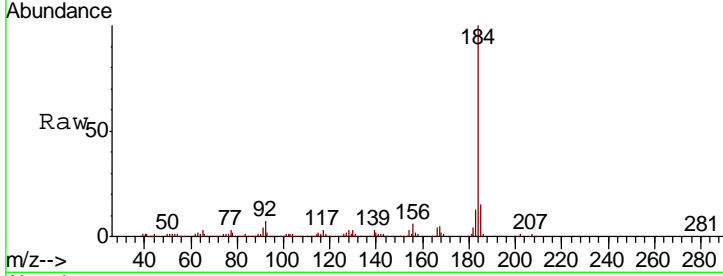
#77  
Benzidine  
Concen: 22.666 ng  
RT: 19.53 min Scan# 2799  
Delta R.T. 0.00 min  
Lab File: BG044258.D  
Acq: 31 Jan 2020 13:52

**Instrument :**  
BNA\_G  
**ClientSampled :**  
PB126492BS

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.8	10.8	16.2

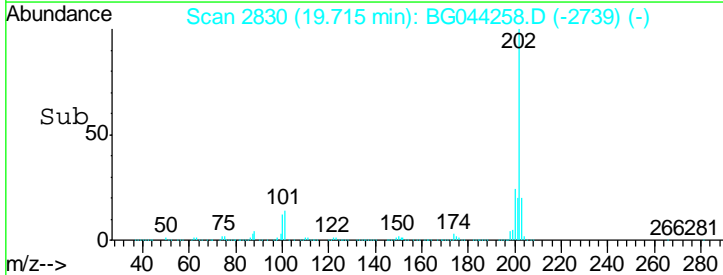
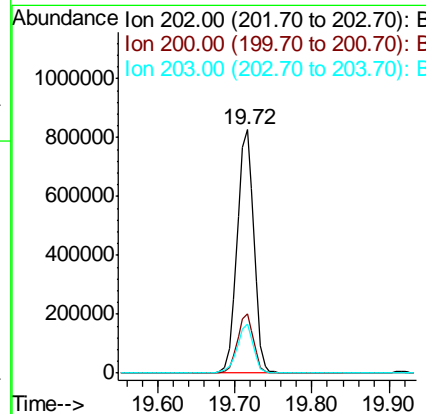
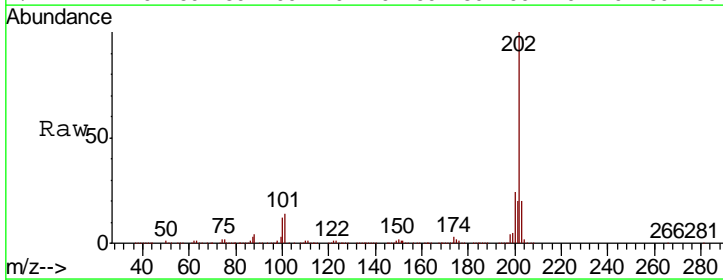
**Manual Integrations**  
**APPROVED**

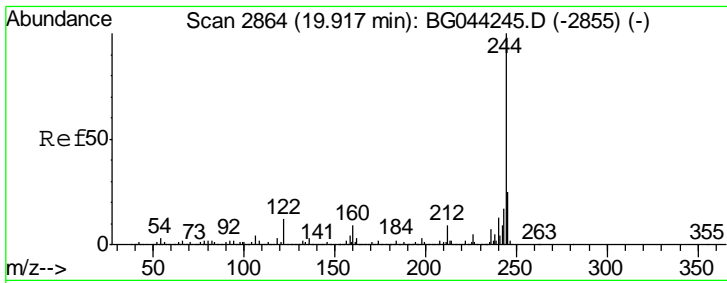
mohammad  
2/3/2020 4:10:43 PM



#78  
Pyrene  
Concen: 41.305 ng  
RT: 19.72 min Scan# 2830  
Delta R.T. 0.00 min  
Lab File: BG044258.D  
Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
202	100		
200	24.4	20.0	30.0
203	20.1	16.2	24.2





#79  
 Terphenyl-d14  
 Concen: 67.236 ng  
 RT: 19.92 min Scan# 2864  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

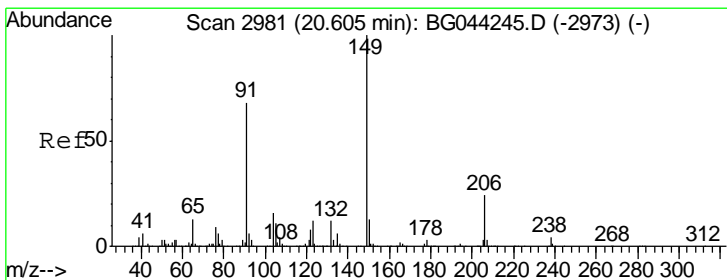
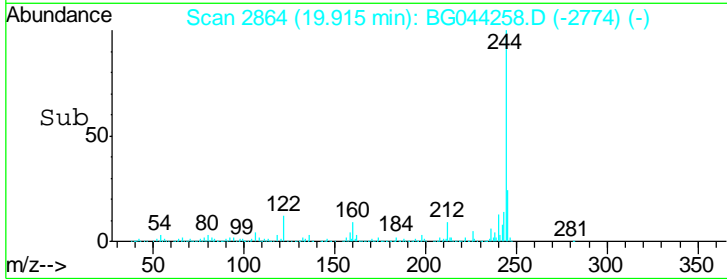
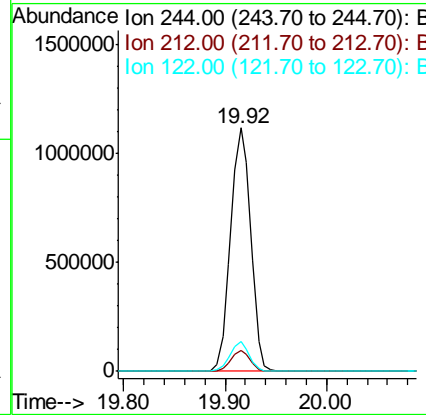
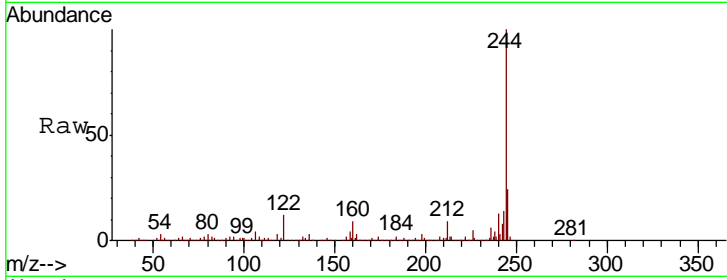
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion: 244 Resp: 1551150

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	12.3	9.8	14.6

**Manual Integrations**  
**APPROVED**

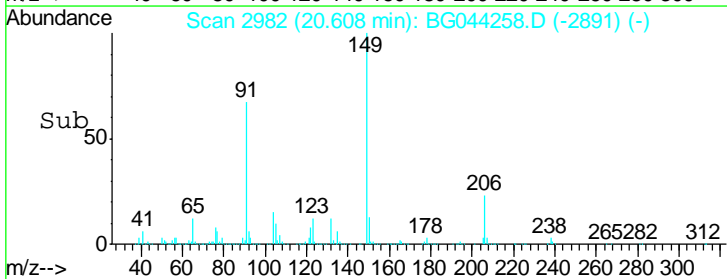
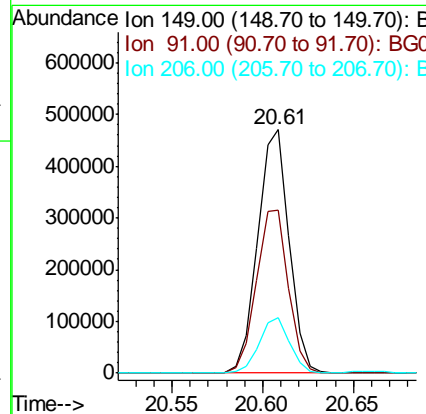
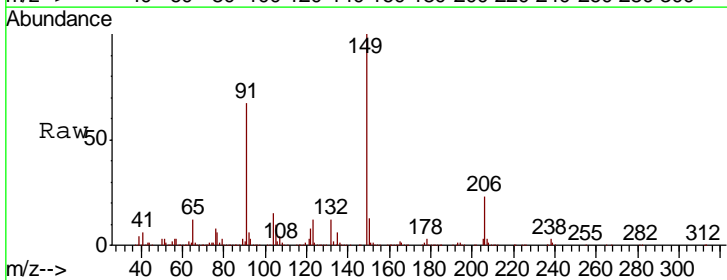
mohammad  
 2/3/2020 4:10:43 PM

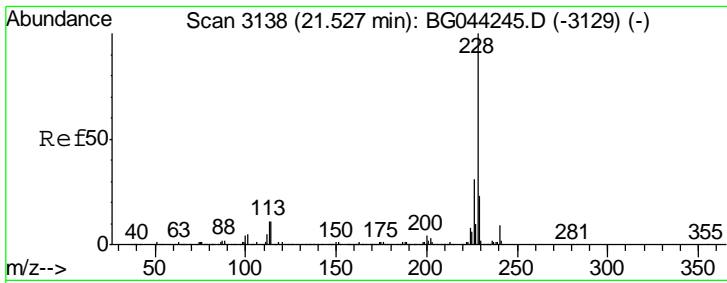


#80  
 Butylbenzylphthalate  
 Concen: 40.649 ng  
 RT: 20.61 min Scan# 2982  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 149 Resp: 564502

Ion	Ratio	Lower	Upper
149	100		
91	67.0	54.5	81.7
206	22.9	19.1	28.7





#81  
 Benzo(a)anthracene  
 Concen: 40.851 ng  
 RT: 21.53 min Scan# 3139  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

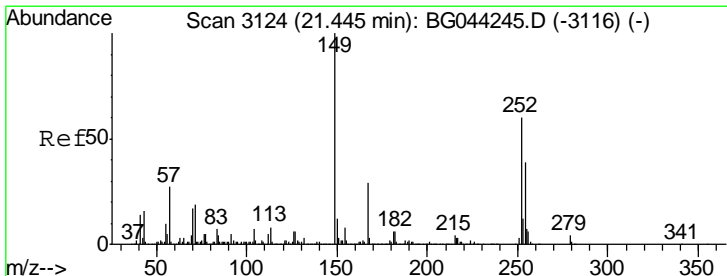
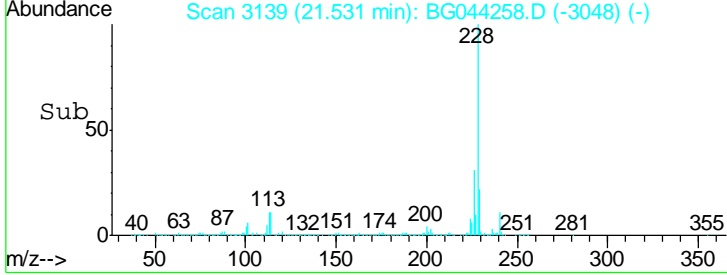
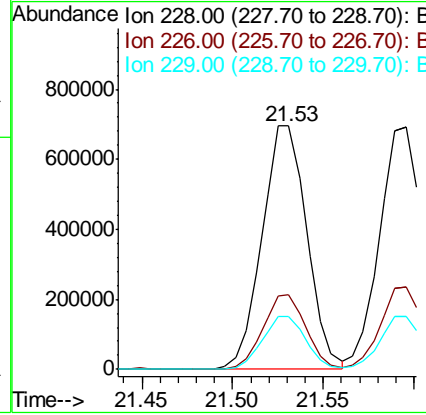
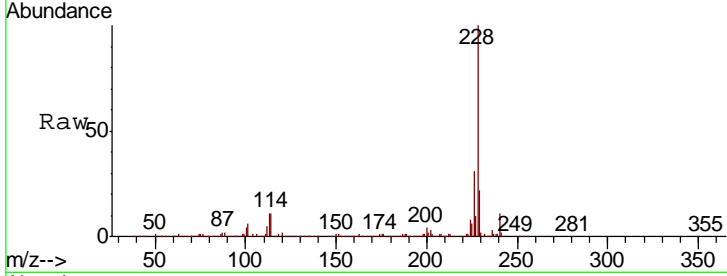
Instrument :  
 BNA\_G  
 Client Sampled :  
 PB126492BS

Tgt Ion: 228 Resp: 1194711

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.8	18.2	27.4

Manual Integrations  
 APPROVED

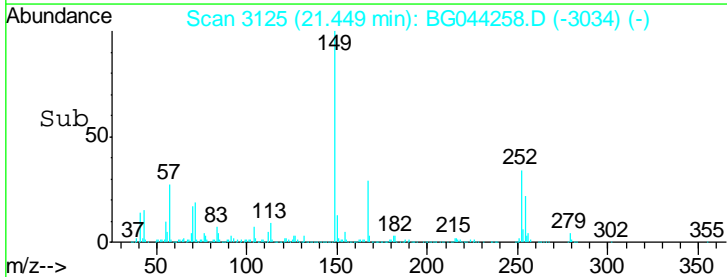
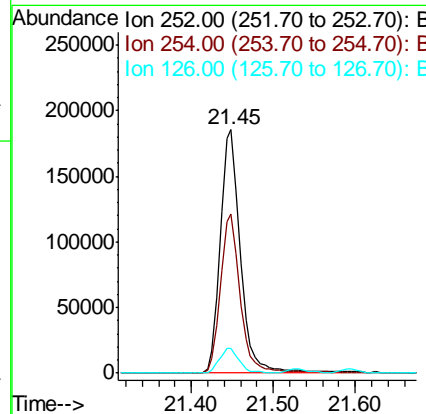
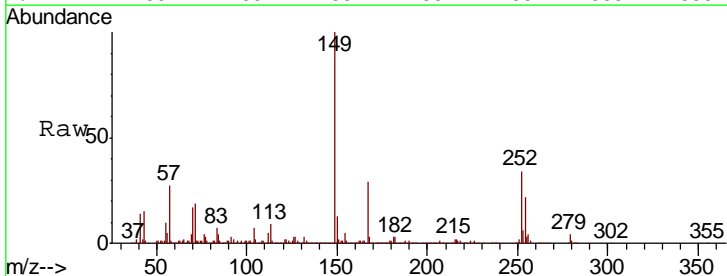
mohammad  
 2/3/2020 4:10:43 PM

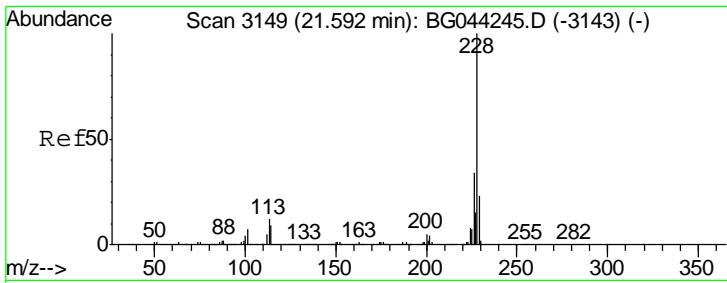


#82  
 3,3'-Dichlorobenzidine  
 Concen: 28.179 ng  
 RT: 21.45 min Scan# 3125  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 252 Resp: 319846

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	9.9	8.2	12.4





#83  
 Chrysene  
 Concen: 40.333 ng  
 RT: 21.60 min Scan# 3150  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

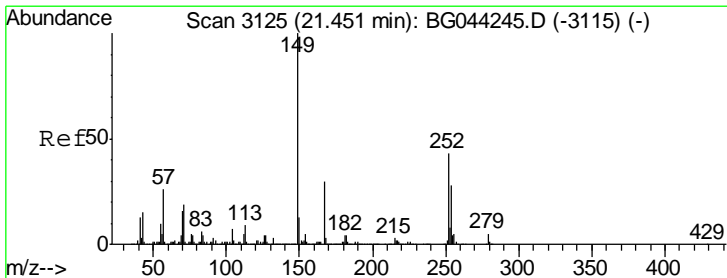
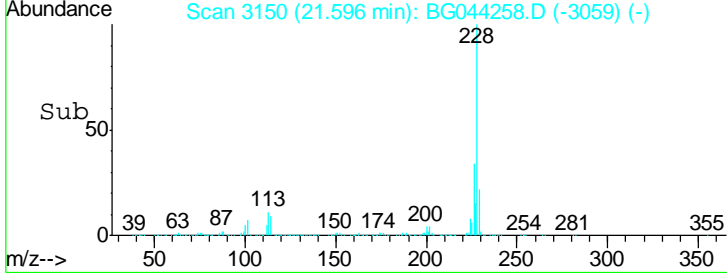
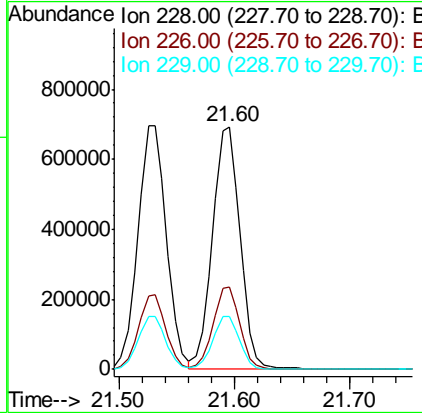
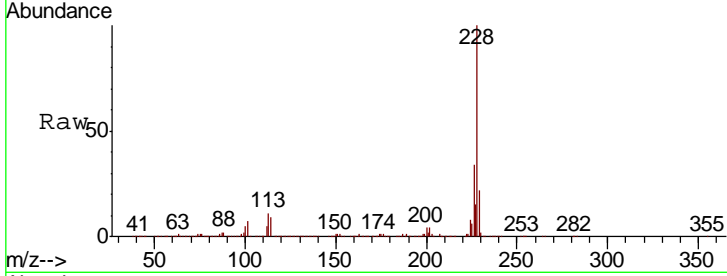
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion: 228 Resp: 1140132

Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.1	40.7
229	21.9	17.9	26.9

**Manual Integrations**  
**APPROVED**

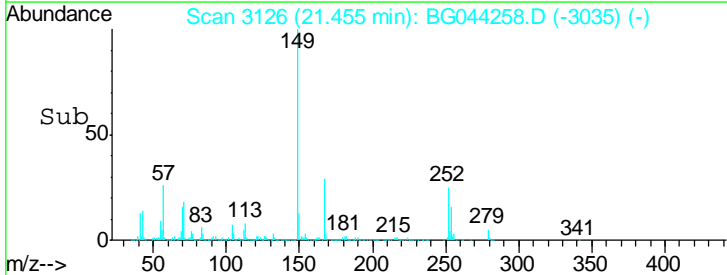
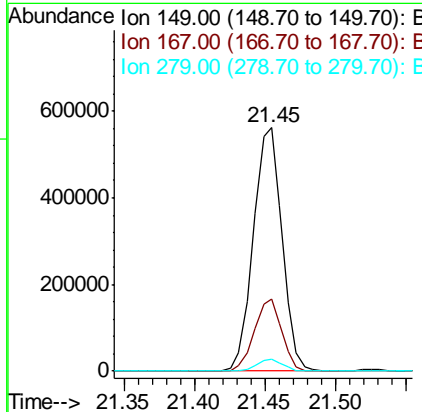
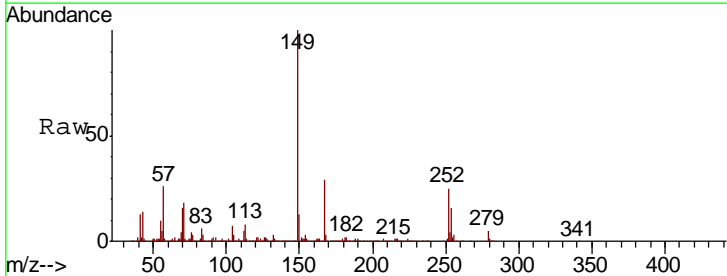
mohammad  
 2/3/2020 4:10:43 PM

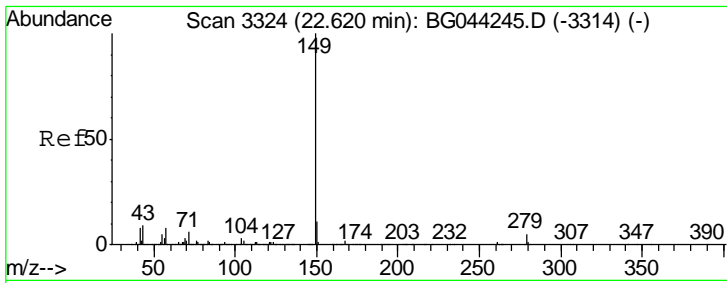


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.914 ng  
 RT: 21.45 min Scan# 3126  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion: 149 Resp: 801170

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.0	36.0
279	4.8	3.8	5.8





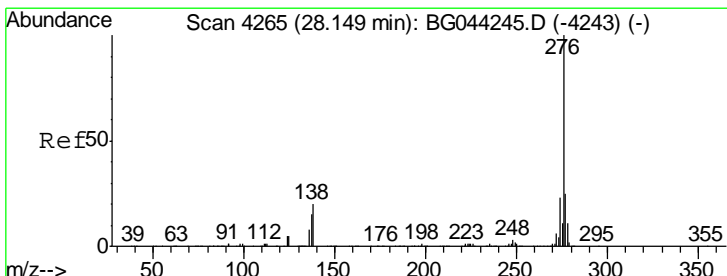
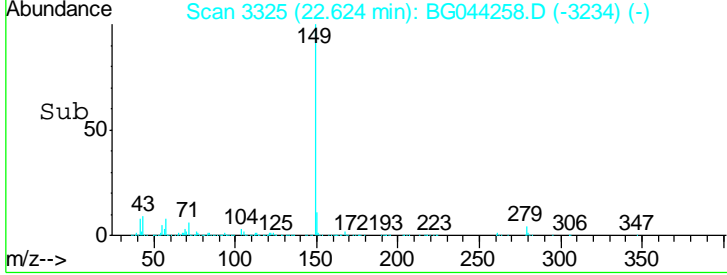
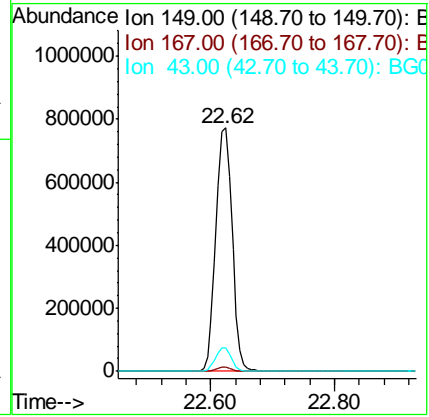
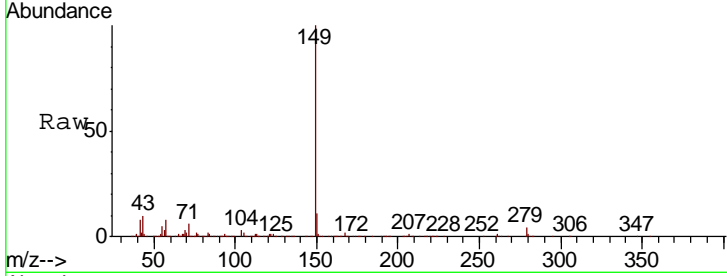
#85  
 Di-n-octyl phthalate  
 Concen: 42.416 ng  
 RT: 22.62 min Scan# 3325  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**Client Sampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.4	11.0

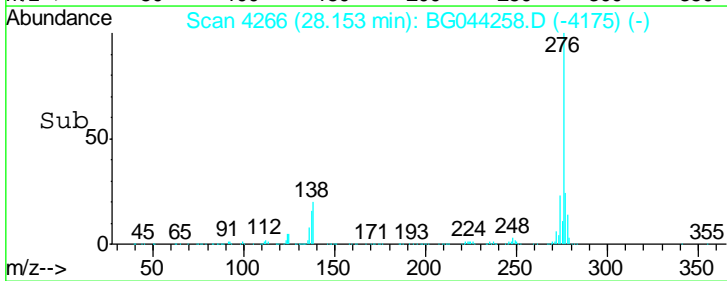
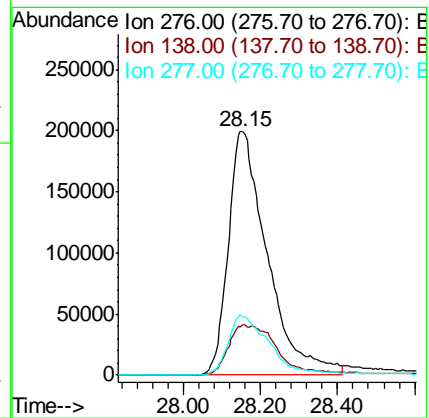
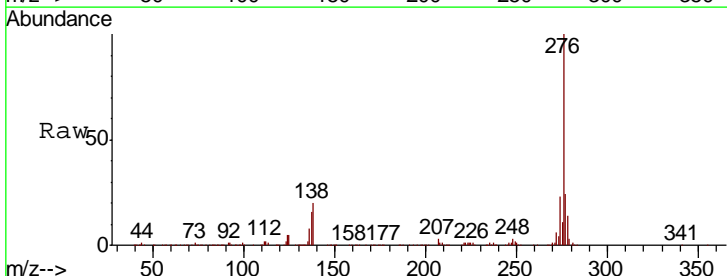
**Manual Integrations**  
**APPROVED**

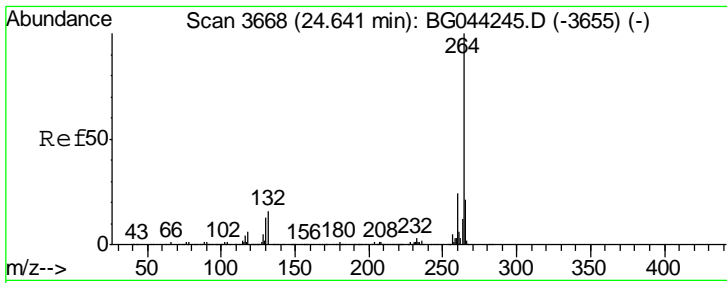
mohammad  
 2/3/2020 4:10:43 PM



#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.204 ng  
 RT: 28.15 min Scan# 4266  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
276	100		
138	10.9	19.4	29.0#
277	26.0	21.0	31.6





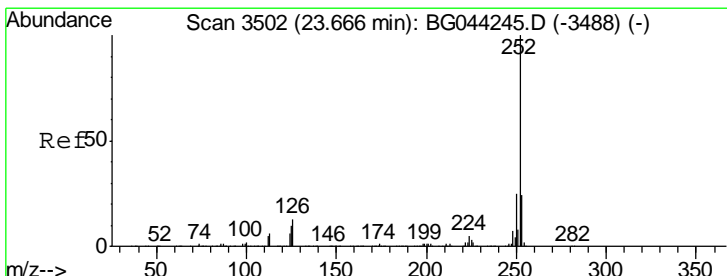
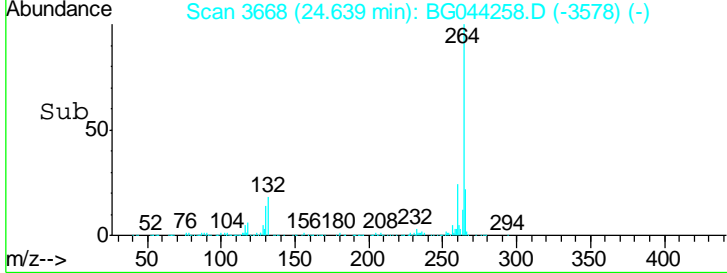
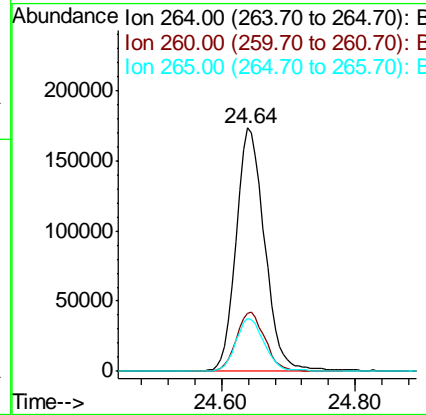
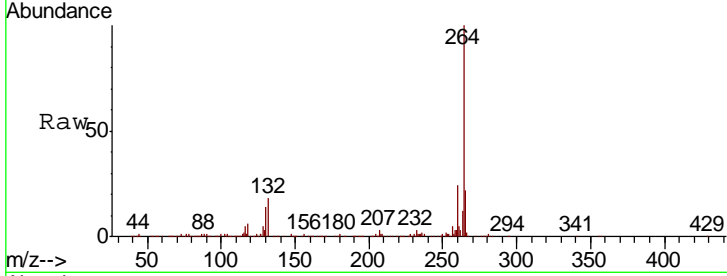
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.64 min Scan# 3668  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.0	16.7	25.1

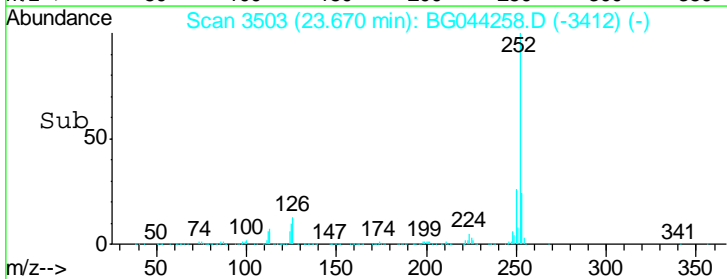
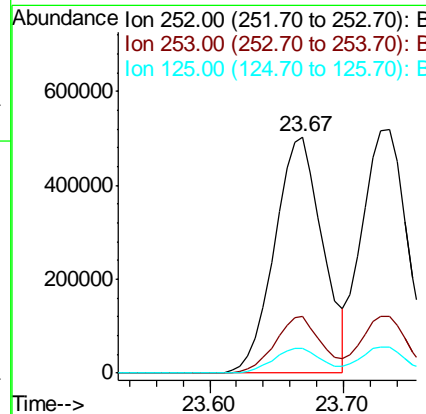
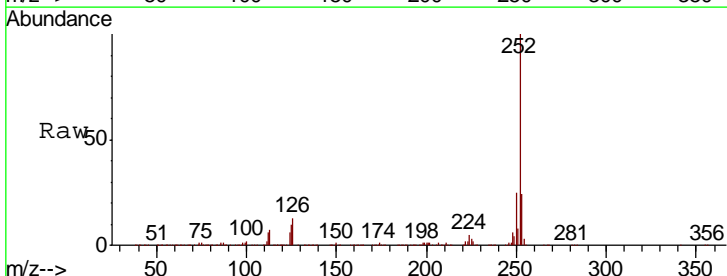
**Manual Integrations**  
**APPROVED**

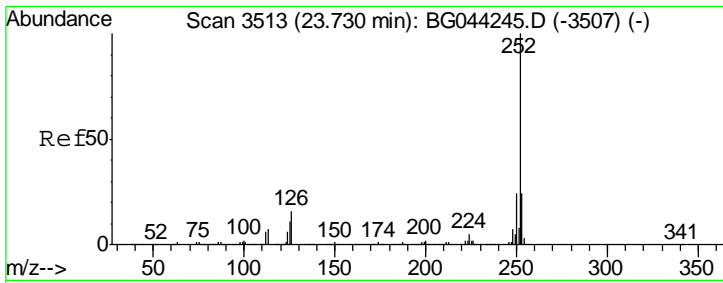
mohammad  
 2/3/2020 4:10:43 PM



#88  
 Benzo(b)fluoranthene  
 Concen: 42.274 ng  
 RT: 23.67 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	10.4	8.4	12.6



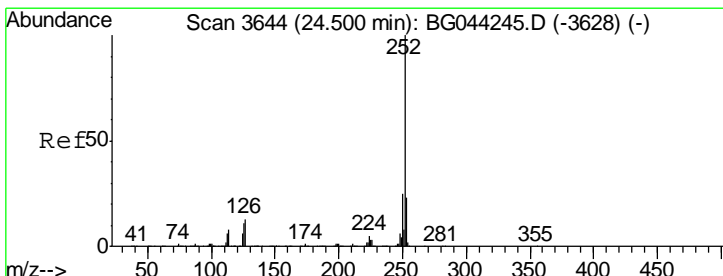
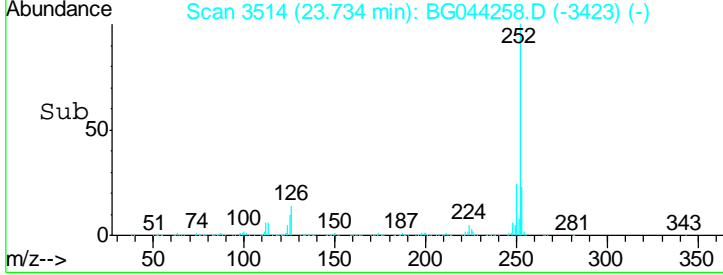
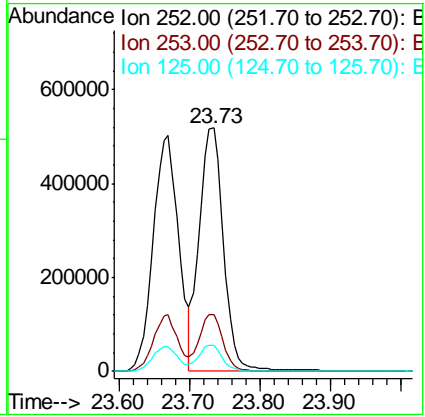
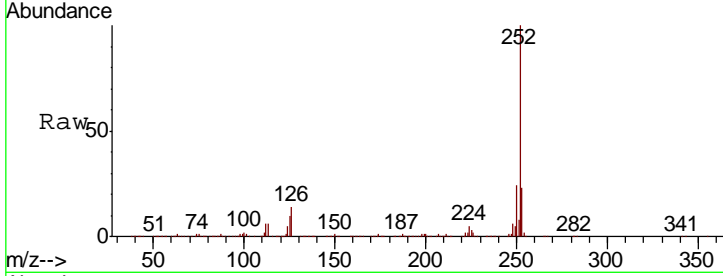


#89  
 Benzo(k)fluoranthene  
 Concen: 42.758 ng  
 RT: 23.73 min Scan# 3514  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

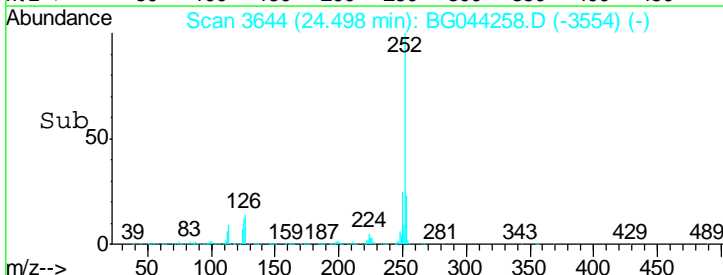
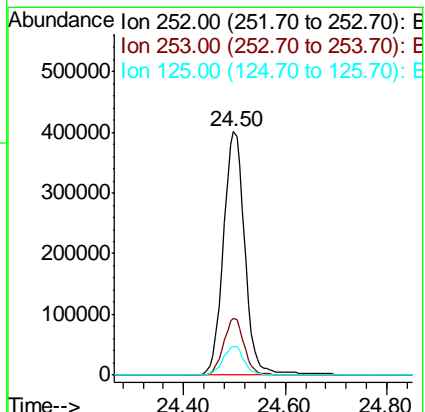
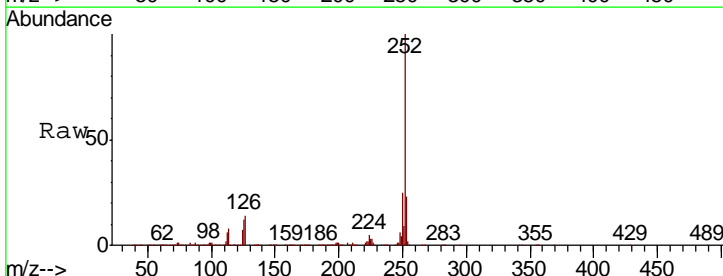
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.5	8.6	12.8

**Manual Integrations**  
**APPROVED**  
 mohammad  
 2/3/2020 4:10:43 PM

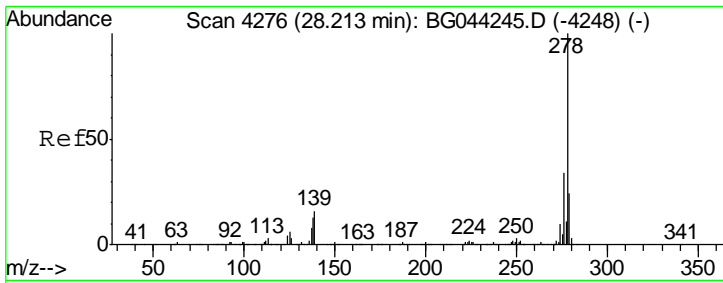


#90  
 Benzo(a)pyrene  
 Concen: 41.712 ng  
 RT: 24.50 min Scan# 3644  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	12.0	8.6	13.0







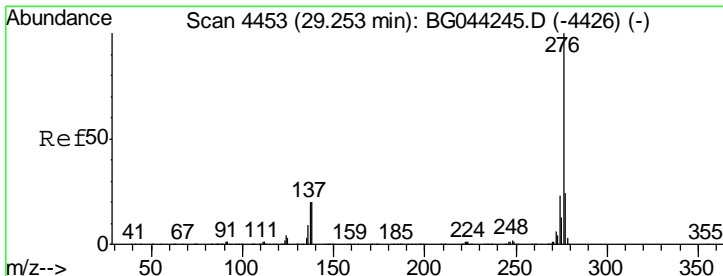
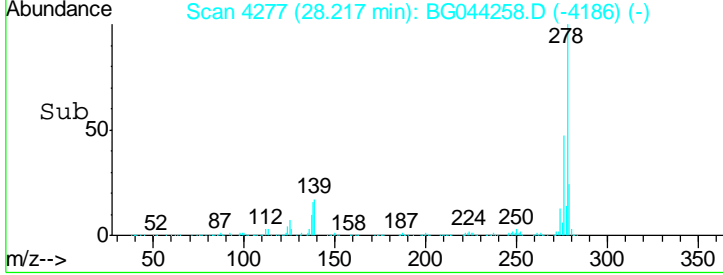
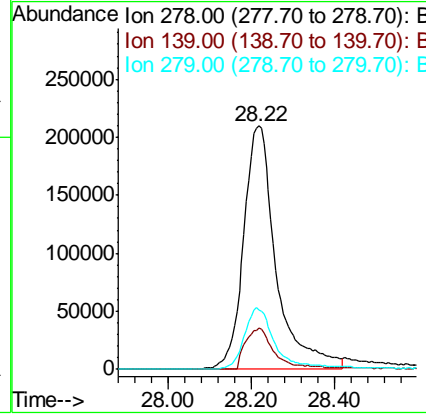
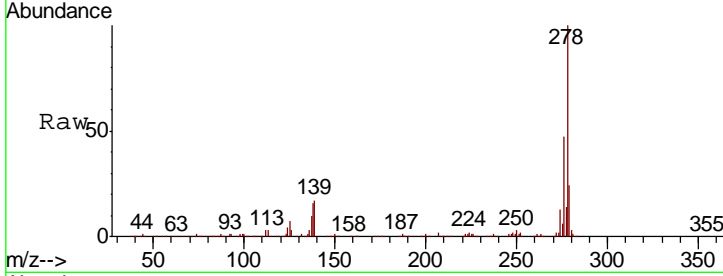
#91  
 Dibenzo(a,h)anthracene  
 Concen: 41.153 ng  
 RT: 28.22 min Scan# 4277  
 Delta R.T. 0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB126492BS

Tgt Ion	Resp	Lower	Upper
278	1144433		
139	17.1	12.7	19.1
279	24.4	19.3	28.9

**Manual Integrations**  
**APPROVED**

mohammad  
 2/3/2020 4:10:43 PM



#92  
 Benzo(g,h,i)perylene  
 Concen: 42.306 ng  
 RT: 29.25 min Scan# 4453  
 Delta R.T. -0.00 min  
 Lab File: BG044258.D  
 Acq: 31 Jan 2020 13:52

Tgt Ion	Resp	Lower	Upper
276	1177757		
277	24.3	18.8	28.2
138	20.7	16.2	24.2

