

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043693.D
 Acq On : 19 Nov 2019 11:47
 Operator : JU
 Sample : PB124907BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Manual Integrations
 APPROVED

mohammad
 11/21/2019 9:04:05 AM

Quant Time: Nov 19 15:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26615	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	104776	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	77595	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	190505	20.00	ng	0.00
76) Chrysene-d12	21.64	240	205058	20.00	ng	0.00
87) Perylene-d12	24.82	264	238406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	136834	94.21	ng	0.00
7) Phenol-d6	7.19	99	125503	60.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	187518	92.27	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	199590	135.17	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	503167	89.60	ng	0.00
79) Terphenyl-d14	19.98	244	1079243	98.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	15217	26.885	ng	94
3) Pyridine	3.85	79	28590	20.024	ng	96
4) n-Nitrosodimethylamine	3.77	42	25611	35.548	ng	99
6) Aniline	7.32	93	48863	20.298	ng	# 94
8) 2-Chlorophenol	7.56	128	82604	51.521	ng	96
9) Benzaldehyde	7.13	77	37031	36.059	ng	93
10) Phenol	7.21	94	45825	23.998	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	68996	46.734	ng	96
12) 1,3-Dichlorobenzene	7.88	146	75724	37.696	ng	95
13) 1,4-Dichlorobenzene	8.02	146	78842	38.792	ng	95
14) 1,2-Dichlorobenzene	8.35	146	77422	39.014	ng	99
15) Benzyl Alcohol	8.24	79	65830	44.855	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97257	45.304	ng	99
17) 2-Methylphenol	8.46	107	62996	45.254	ng	97
18) Hexachloroethane	9.07	117	26755	36.487	ng	91
19) n-Nitroso-di-n-propylamine	8.79	70	65604	48.584	ng	98
20) 3+4-Methylphenols	8.79	107	78779	41.270	ng	97
22) Acetophenone	8.82	105	129496	48.262	ng	# 98
24) Nitrobenzene	9.20	77	100526	51.924	ng	99
25) Isophorone	9.72	82	182004	48.983	ng	97
26) 2-Nitrophenol	9.91	139	49789	53.269	ng	94
27) 2,4-Dimethylphenol	9.98	122	75879	56.641	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	100624	49.067	ng	92
29) 2,4-Dichlorophenol	10.46	162	91781	53.471	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	89941	41.575	ng	97
31) Naphthalene	10.84	128	250176	47.040	ng	96
32) Benzoic acid	10.14	122	12997	19.360	ng	90
33) 4-Chloroaniline	10.98	127	27133	12.446	ng	96
34) Hexachlorobutadiene	11.13	225	59736	37.354	ng	96
35) Caprolactam	11.78	113	7555m	12.780	ng	
36) 4-Chloro-3-methylphenol	12.11	107	101467	54.194	ng	96
37) 2-Methylnaphthalene	12.45	142	200622	49.164	ng	99
38) 1-Methylnaphthalene	12.67	142	187794	48.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	131664	45.849	ng	98

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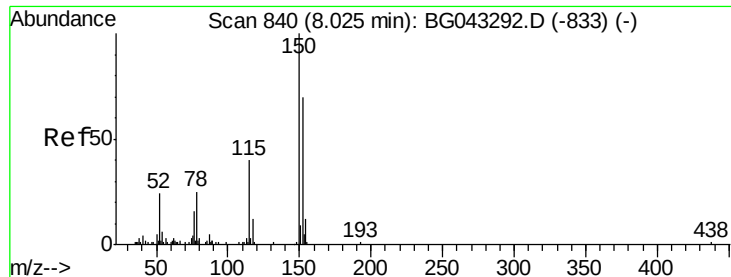
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 11/21/2019 9:04:05 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	98355	65.200	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	86867	51.365	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	91173	53.326	nq	94
46) 1,1'-Biphenyl	13.46	154	275708	46.706	nq	99
47) 2-Chloronaphthalene	13.50	162	219332	48.834	nq	96
48) 2-Nitroaniline	13.71	65	68278	50.863	nq	98
49) Acenaphthylene	14.35	152	353606	50.586	nq	99
50) Dimethylphthalate	14.08	163	311061	51.755	nq	98
51) 2,6-Dinitrotoluene	14.20	165	69706	53.385	nq	95
52) Acenaphthene	14.69	154	215272	50.499	nq	97
53) 3-Nitroaniline	14.54	138	31312	24.838	nq	99
54) 2,4-Dinitrophenol	14.74	184	77328	93.488	nq	91
55) Dibenzofuran	15.02	168	355609	51.441	nq	98
56) 4-Nitrophenol	14.89	139	44368	52.519	nq	90
57) 2,4-Dinitrotoluene	14.99	165	99655	53.405	nq	# 96
58) Fluorene	15.67	166	301496	52.000	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93048	51.224	nq	# 98
60) Diethylphthalate	15.44	149	304328	50.393	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	174086	51.468	nq	99
62) 4-Nitroaniline	15.71	138	62172	47.754	nq	95
63) Azobenzene	15.95	77	251575	51.473	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	62306	55.574	nq	96
66) n-Nitrosodiphenylamine	15.88	169	266517	49.553	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	122061	47.610	nq	94
68) Hexachlorobenzene	16.68	284	135183	45.936	nq	97
69) Atrazine	16.82	200	113204	60.573	nq	99
70) Pentachlorophenol	17.03	266	124368	92.745	nq	97
71) Phenanthrene	17.41	178	484375	49.653	nq	98
72) Anthracene	17.51	178	499407	51.167	nq	99
73) Carbazole	17.78	167	445049	50.352	nq	99
74) Di-n-butylphthalate	18.32	149	536198	49.997	nq	99
75) Fluoranthene	19.42	202	648599	50.999	nq	99
77) Benzidine	19.63	184	53671m	13.005	nq	
78) Pyrene	19.79	202	656390	51.713	nq	99
80) Butylbenzylphthalate	20.67	149	243802	50.699	nq	98
81) Benzo(a)anthracene	21.61	228	674672	52.525	nq	100
82) 3,3'-Dichlorobenzidine	21.54	252	157158	31.634	nq	99
83) Chrysene	21.68	228	652384	51.119	nq	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	358628	52.500	nq	99
85) Di-n-octyl phthalate	22.71	149	616707	53.214	nq	98
86) Indeno(1,2,3-cd)pyrene	28.45	276	839573	52.409	nq	# 93
88) Benzo(b)fluoranthene	23.80	252	708525	52.473	nq	99
89) Benzo(k)fluoranthene	23.88	252	714014	52.528	nq	98
90) Benzo(a)pyrene	24.67	252	641411	49.745	nq	100
91) Dibenzo(a,h)anthracene	28.50	278	709890	53.826	nq	99
92) Benzo(g,h,i)perylene	29.58	276	709956	54.573	nq	99

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



#1

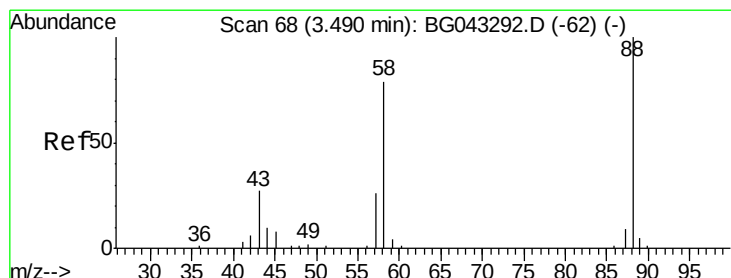
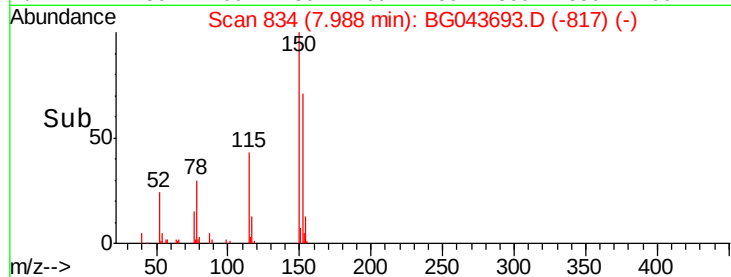
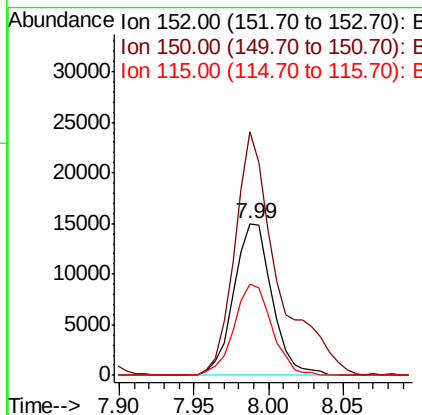
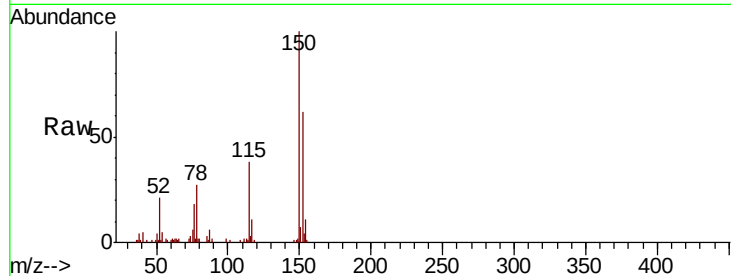
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	116.6	175.0
115	60.1	40.5	60.7

Manual Integrations
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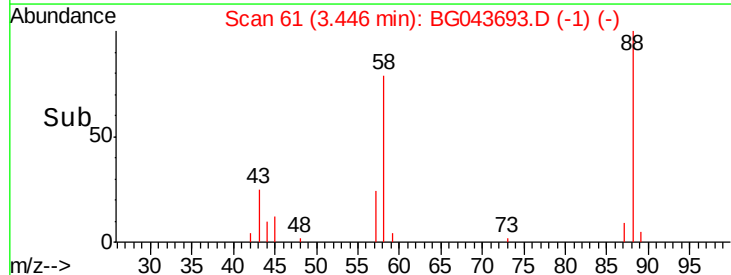
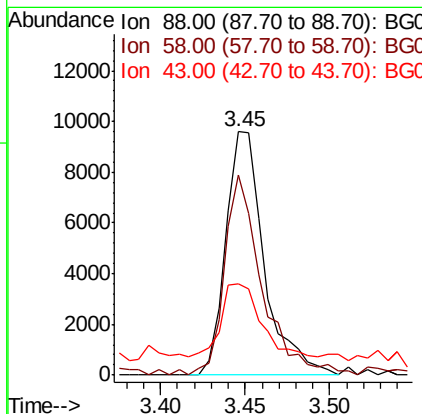
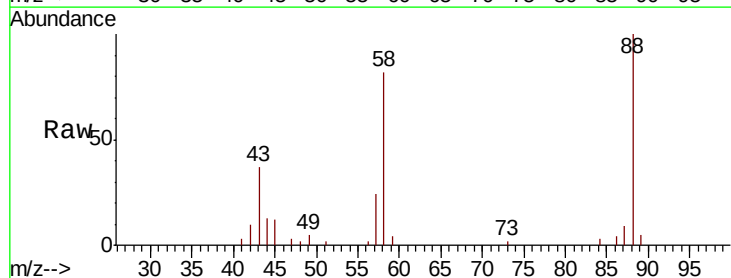
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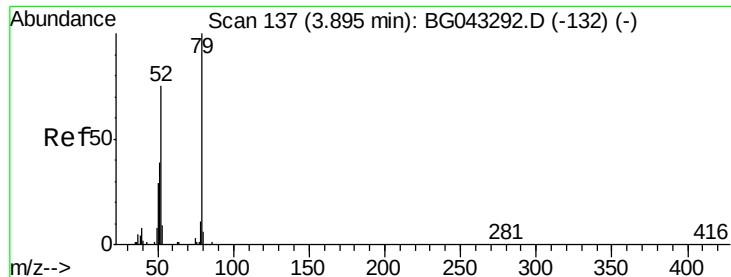


#2

1,4-Dioxane
Concen: 26.885 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	62.2	93.4
43	31.2	30.1	45.1





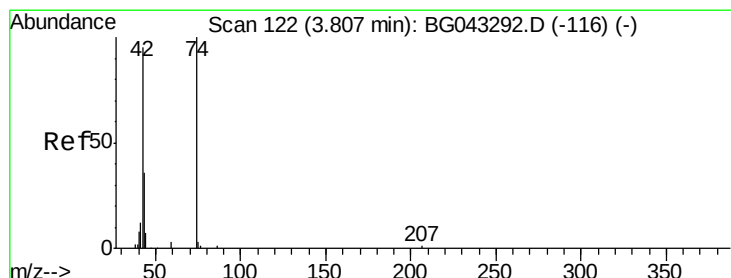
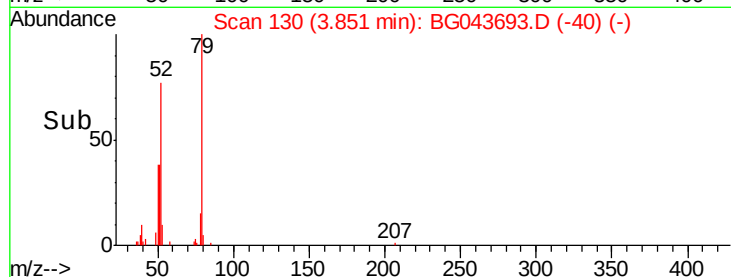
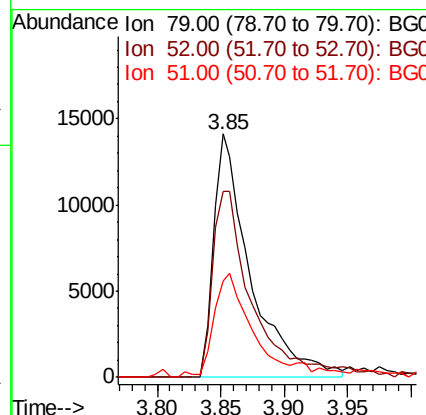
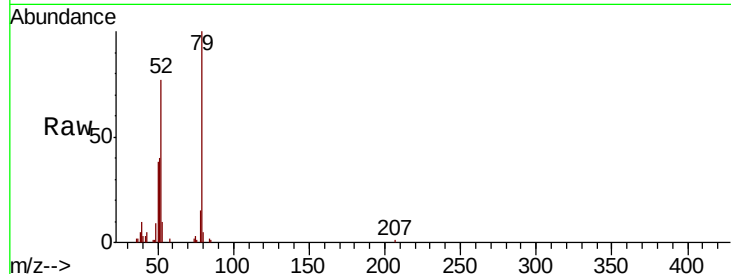
#3
 Pvrindine
 Concen: 20.024 ng
 RT: 3.85 min Scan# 130
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion:	79	Resp:	28590
Ion Ratio	Lower	Upper	
79	100		
52	76.5	63.2	94.8
51	39.5	34.5	51.7

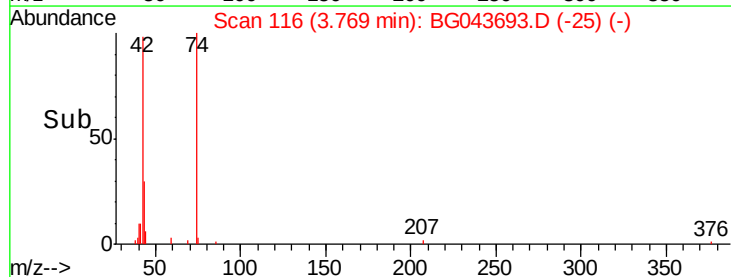
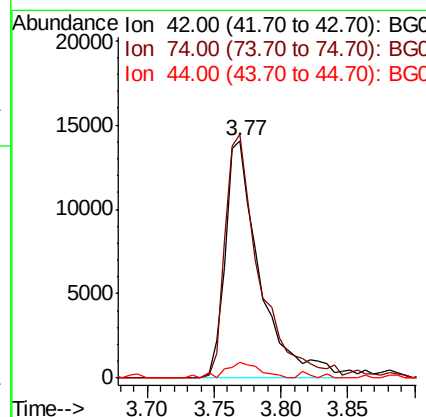
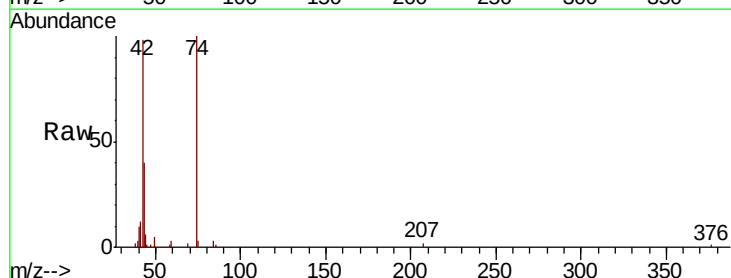
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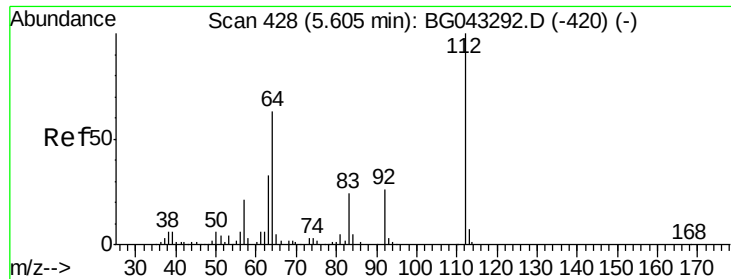
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#4
 n-Nitrosodimethylamine
 Concen: 35.548 ng
 RT: 3.77 min Scan# 116
 Delta R.T. 0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:	42	Resp:	25611
Ion Ratio	Lower	Upper	
42	100		
74	102.5	83.0	124.6
44	6.4	4.4	6.6





#5

2-Fluorophenol

Concen: 94.210 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

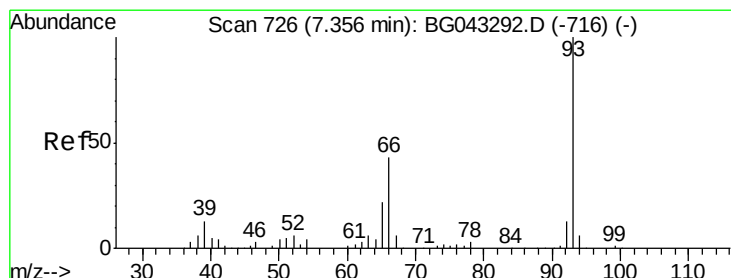
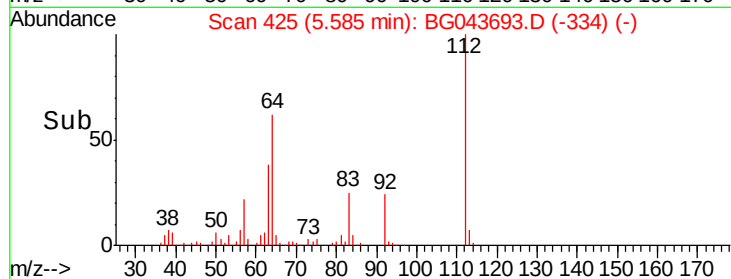
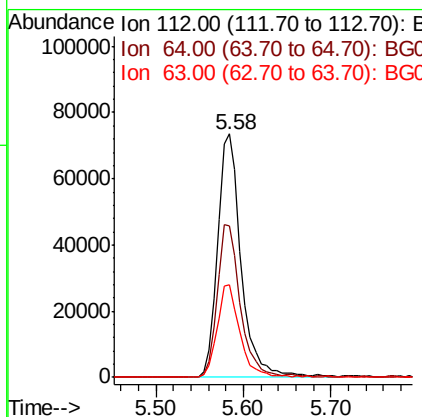
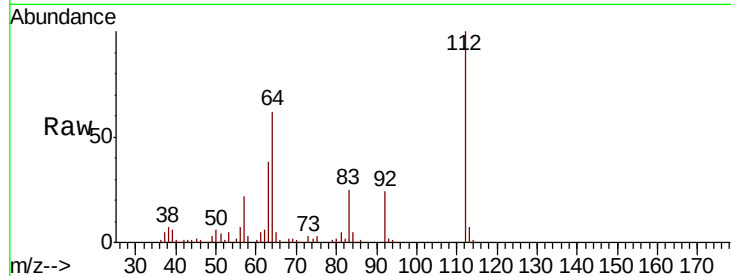
ClientSampleId :

PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	136834		
64	62.4	50.6	75.8	
63	38.0	30.5	45.7	

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#6

Aniline

Concen: 20.298 ng

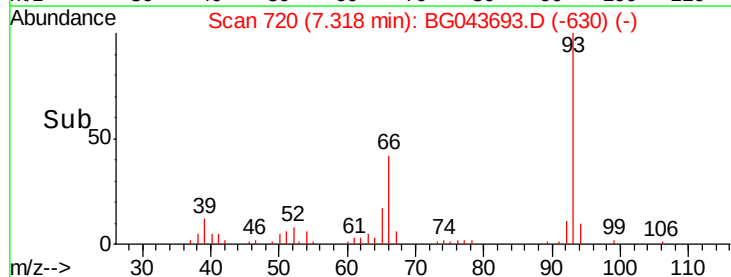
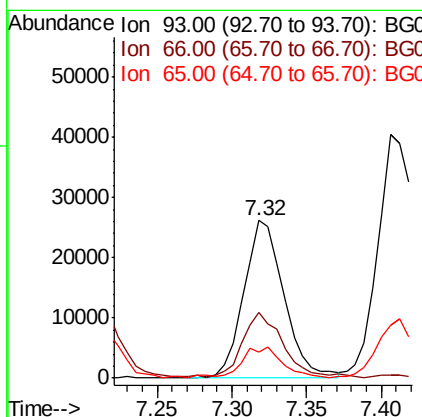
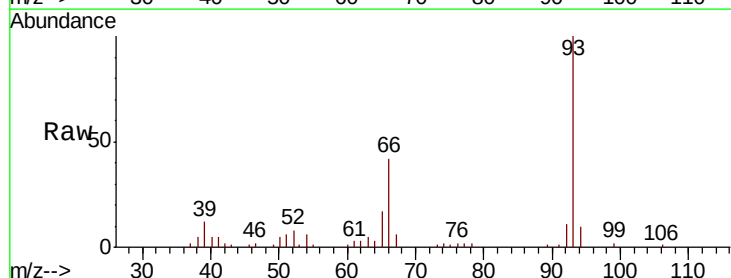
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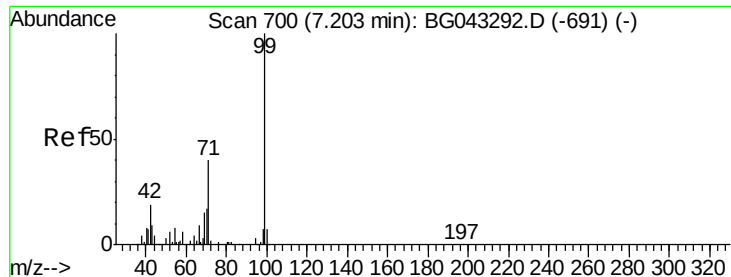
Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	48863		
66	42.0	35.4	53.2	
65	16.9	17.1	25.7	





#7

Phenol-d6

Concen: 60.058 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

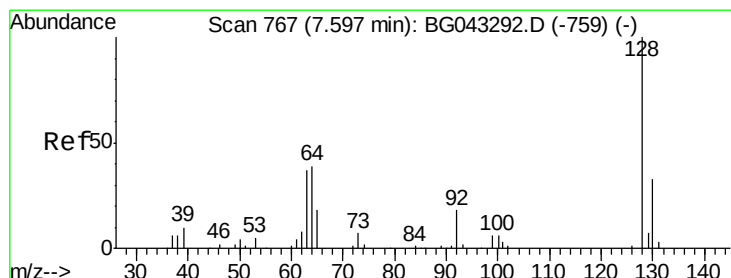
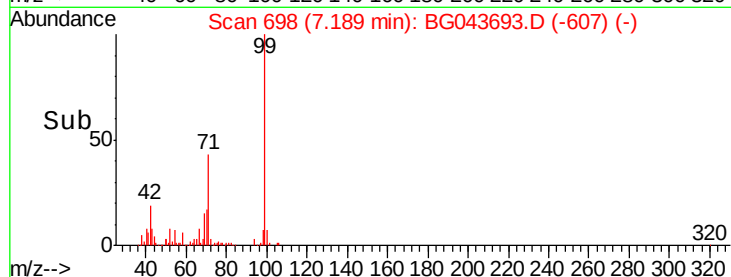
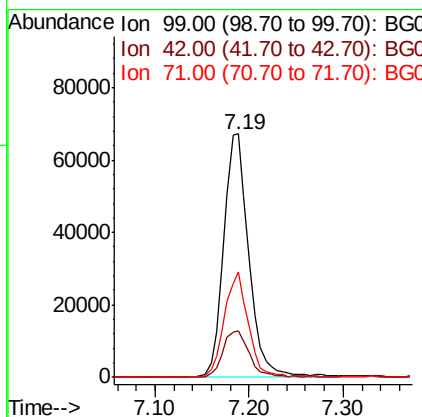
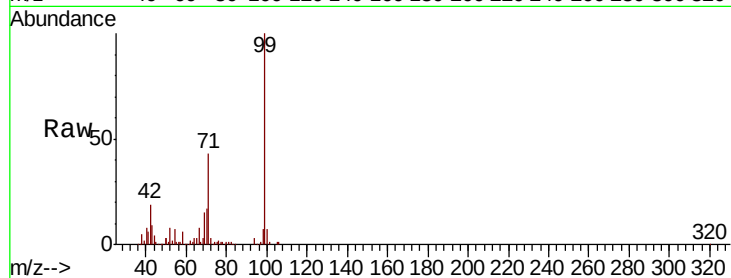
ClientSampleId :

PB124907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		125503		
42	19.1	15.8	23.8		
71	43.5	34.4	51.6		

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#8

2-Chlorophenol

Concen: 51.521 ng

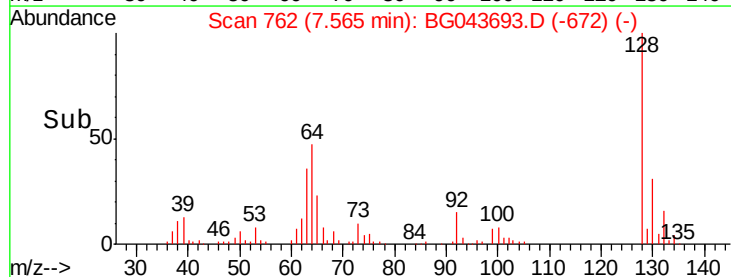
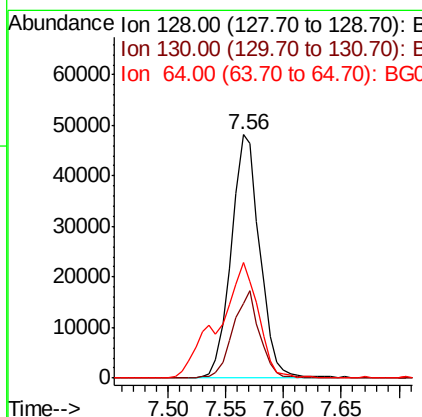
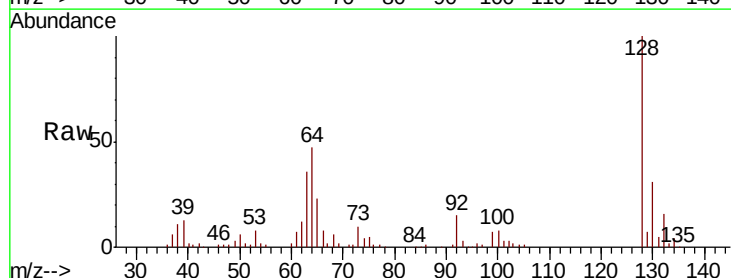
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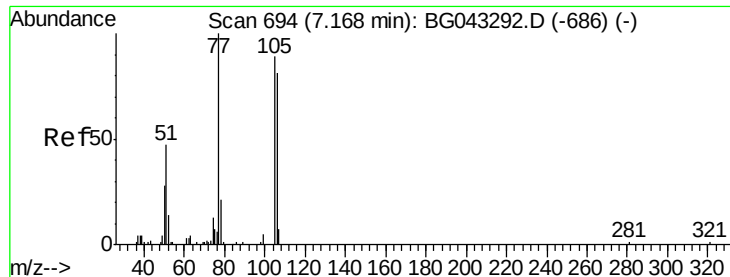
Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		82604		
130	30.9	14.5	54.5		
64	47.3	29.2	69.2		





#9

Benzaldehyde

Concen: 36.059 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

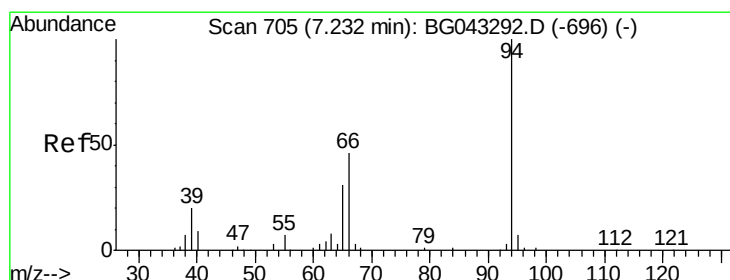
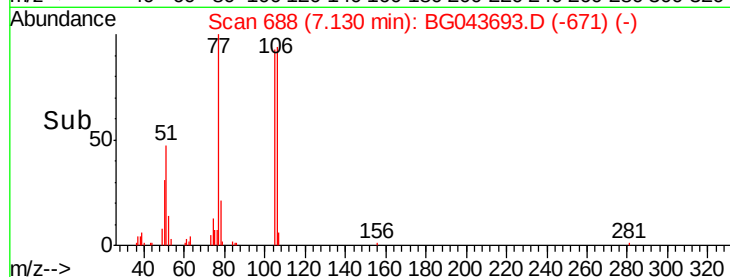
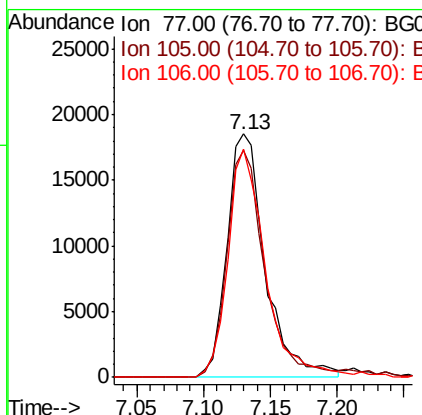
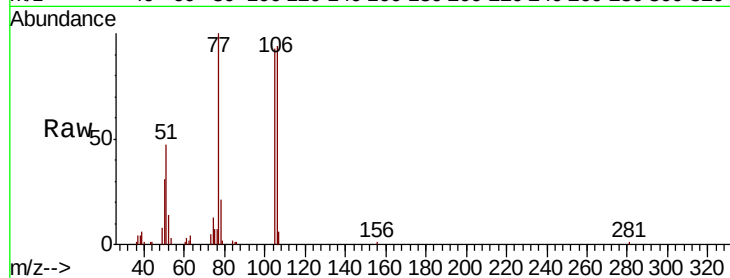
ClientSampleID :

PB124907BS

Tot Ion:	77	Resp:	37031
Ion	Ratio	Lower	Upper
77	100		
105	93.4	84.9	124.9
106	93.5	75.1	115.1

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#10

Phenol

Concen: 23.998 ng

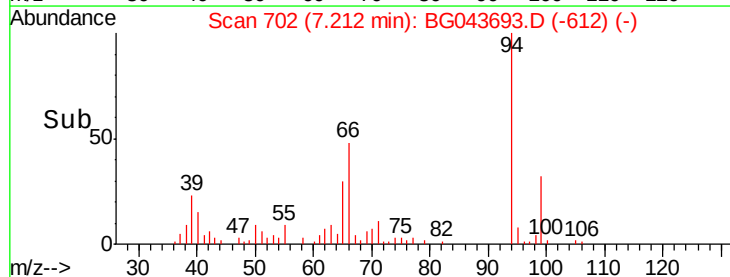
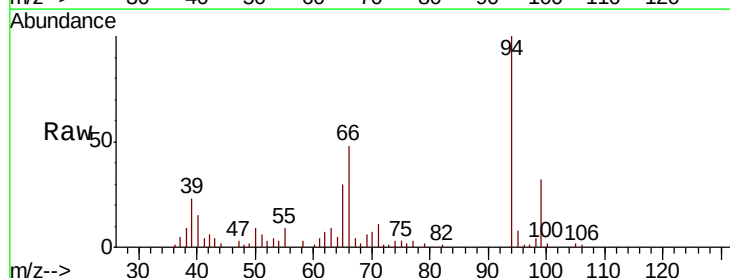
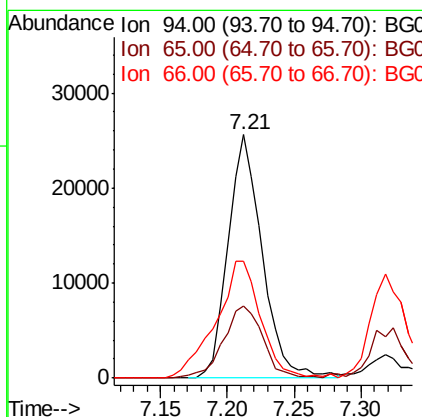
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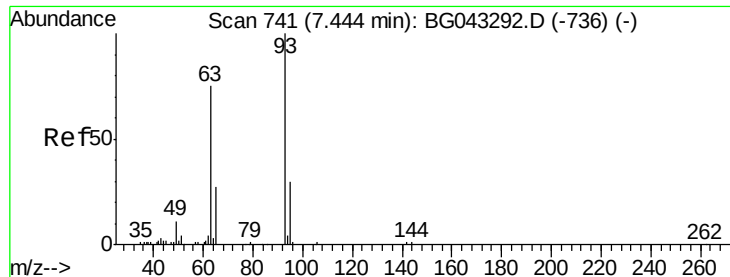
Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	94	Resp:	45825
Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.4	51.4
66	48.2	28.4	68.4





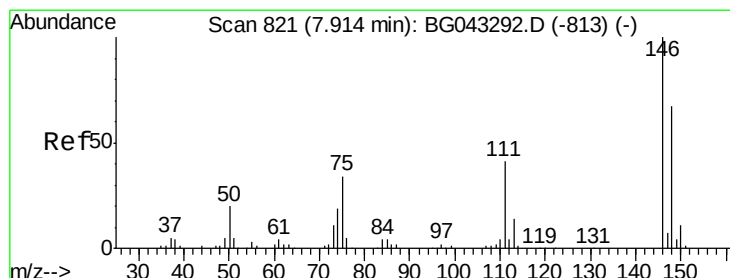
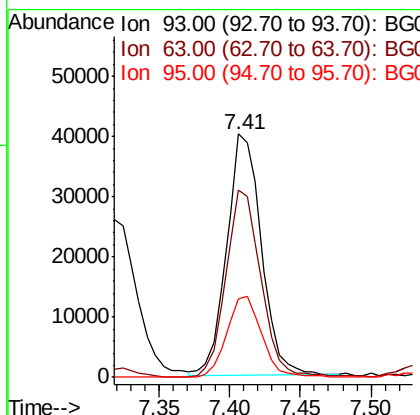
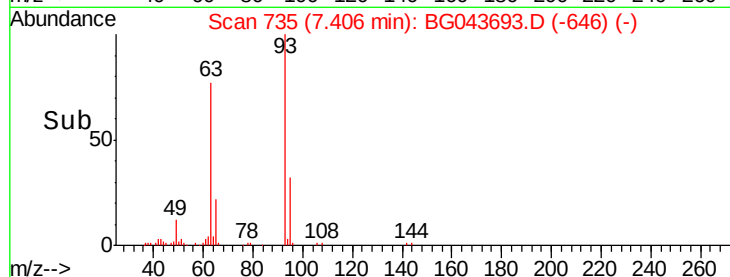
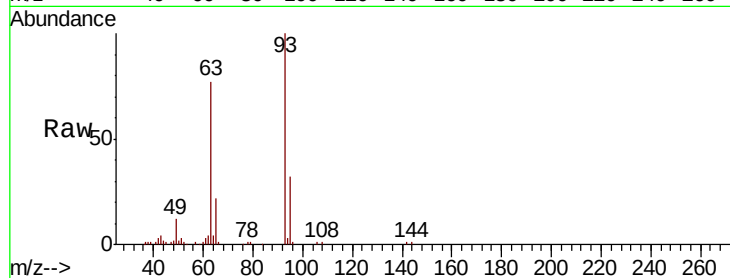
#11
bis(2-Chloroethyl)ether
Concen: 46.734 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	54.9	94.9
95	32.2	7.2	47.2

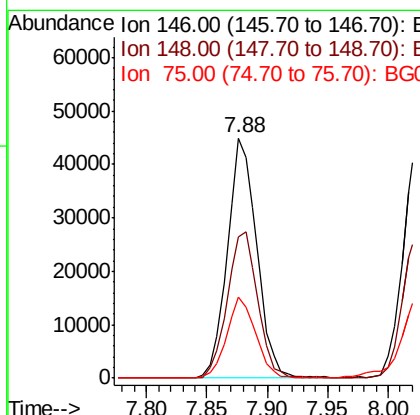
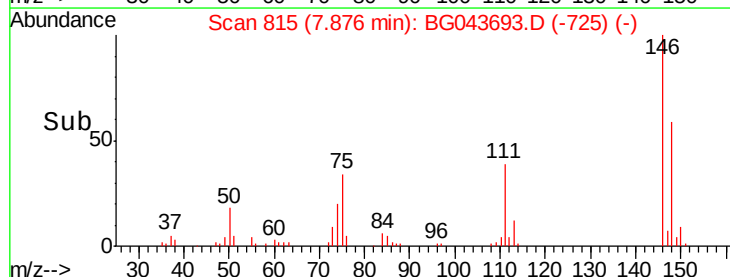
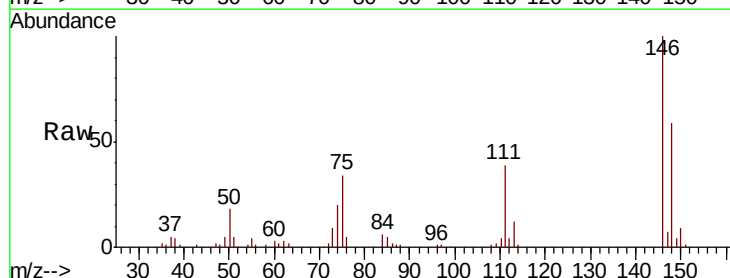
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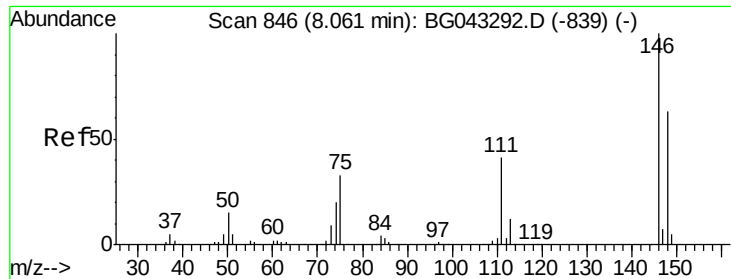
mohammad
11/21/2019 9:04:05 AM



#12
1,3-Dichlorobenzene
Concen: 37.696 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.1	51.4	77.2
75	34.0	26.2	39.2





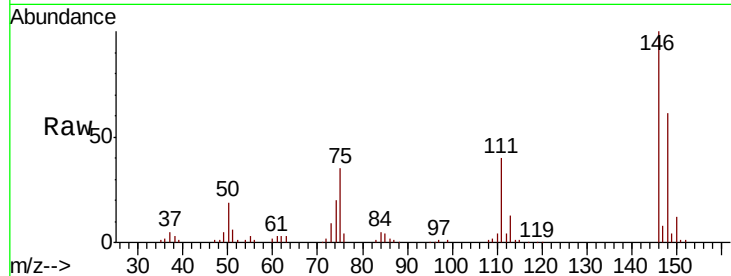
#13
 1,4-Dichlorobenzene
 Concen: 38.792 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.0	76.6
111	39.7	34.3	51.5

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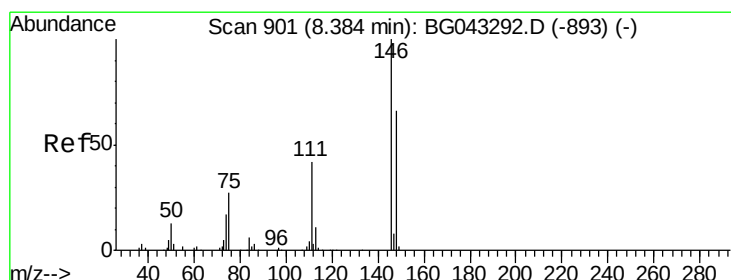
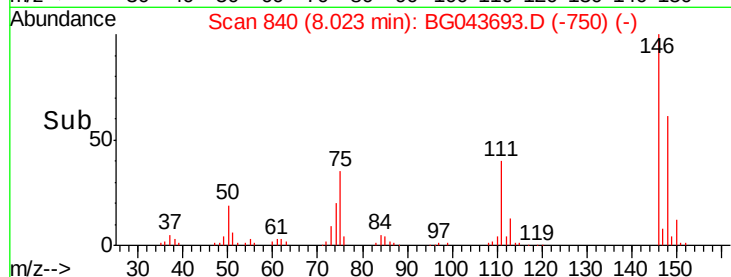
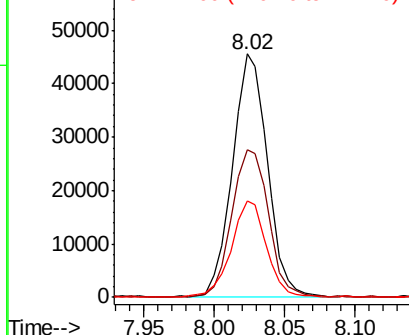


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.014 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

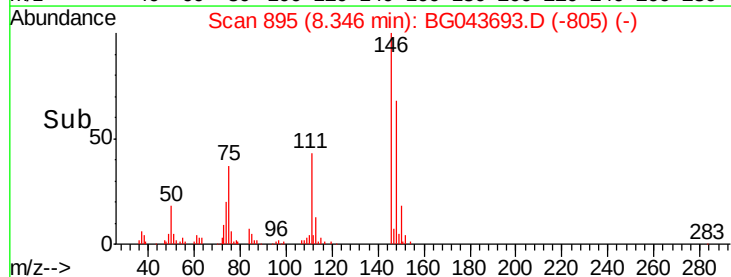
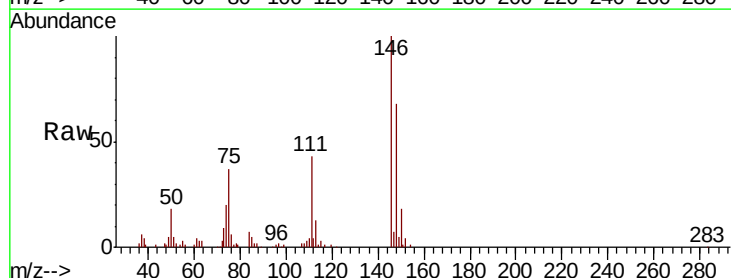
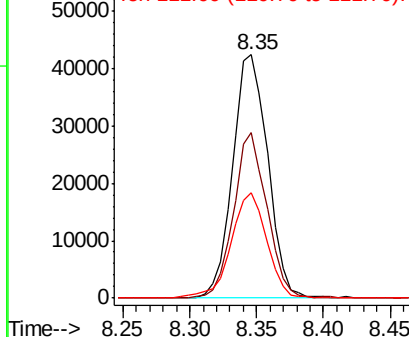
Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.4	80.2
111	43.5	35.3	52.9

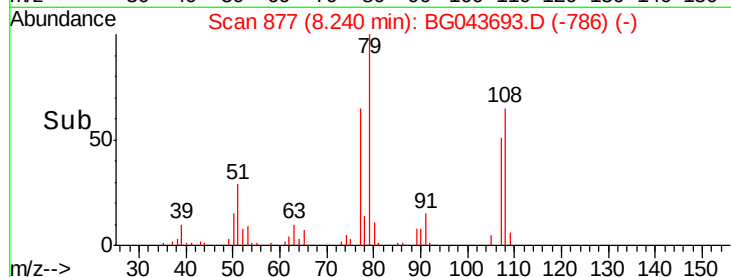
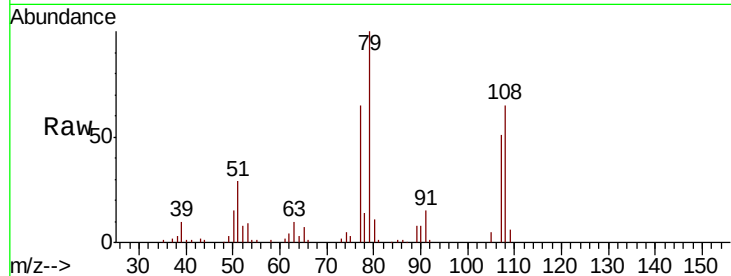
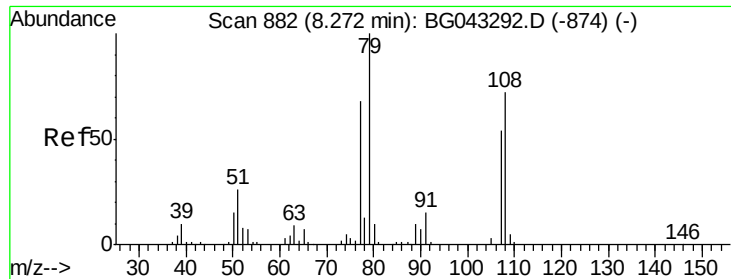
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





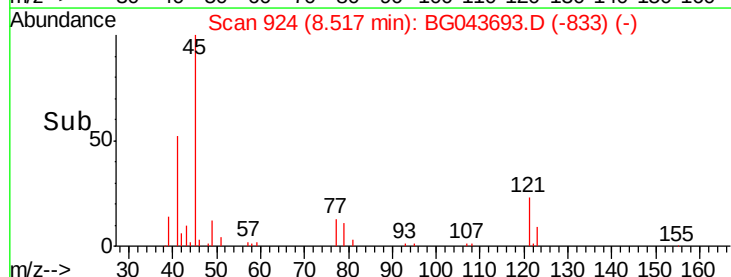
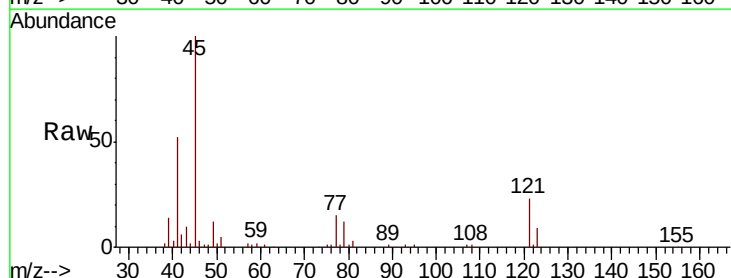
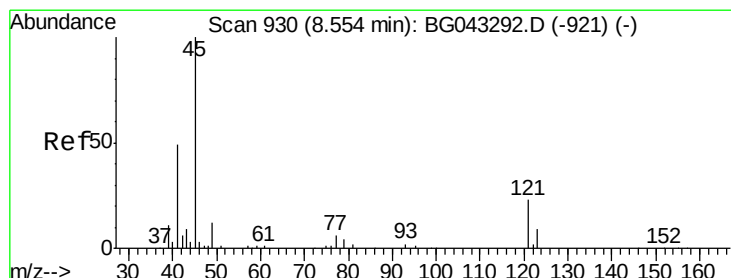
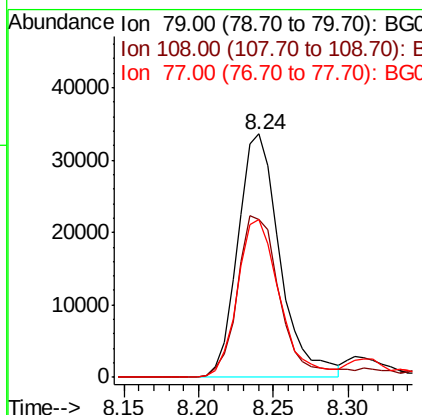
#15
Benzyl Alcohol
Concen: 44.855 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	56.0	84.0
77	64.6	47.9	71.9

Instrument :
BNA_G
ClientSampleId :
PB124907BS

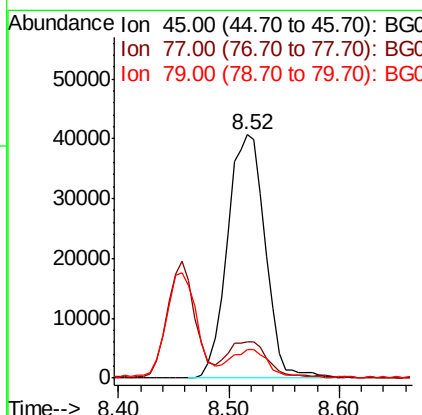
Manual Integrations
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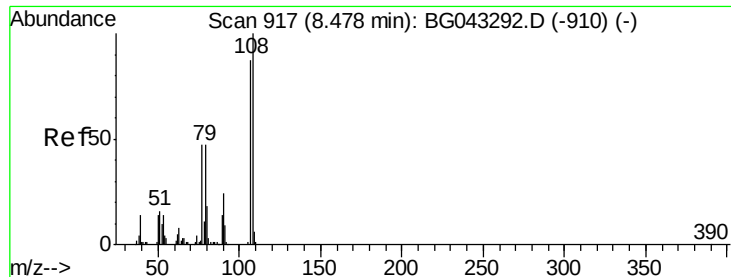
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.304 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	11.9	0.0	32.4





#17

2-Methylphenol

Concen: 45.254 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

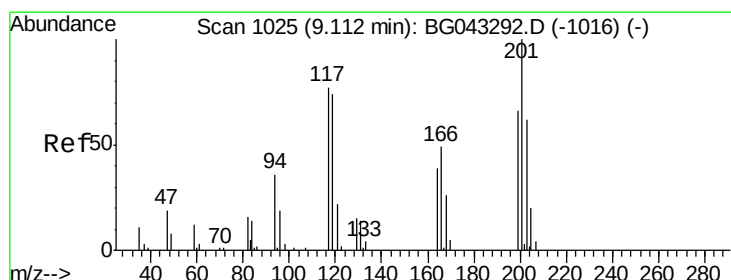
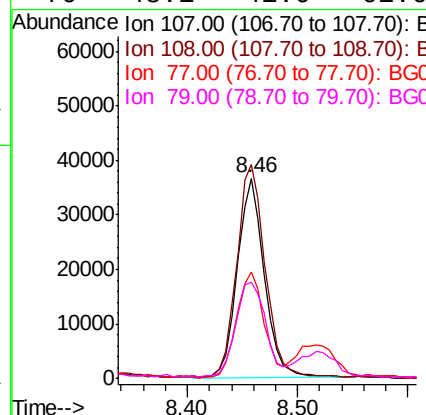
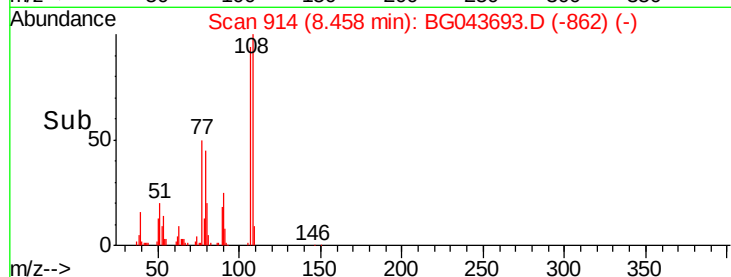
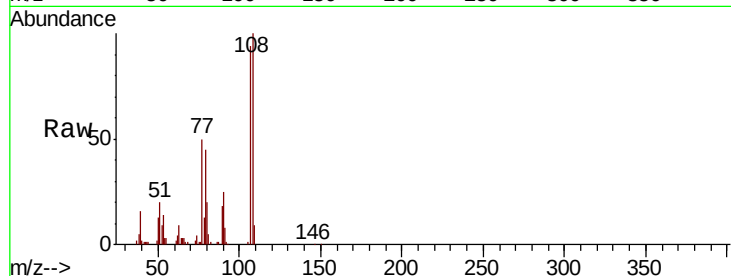
ClientSampleId :

PB124907BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.7	84.7	127.1
77	53.0	46.2	69.4
79	48.1	41.0	61.6

Manual Integrations
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#18

Hexachloroethane

Concen: 36.487 ng

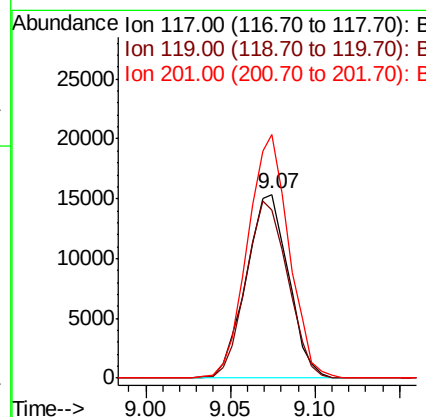
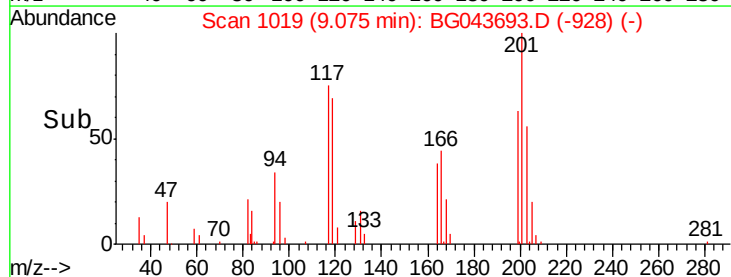
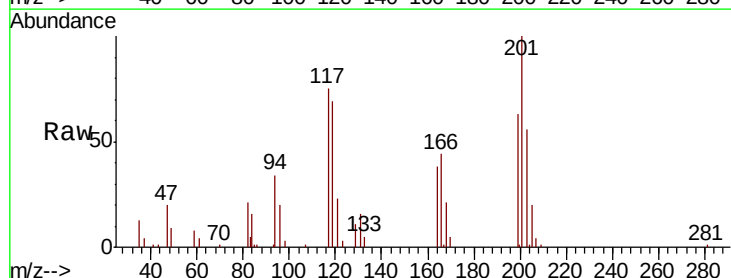
RT: 9.07 min Scan# 1019

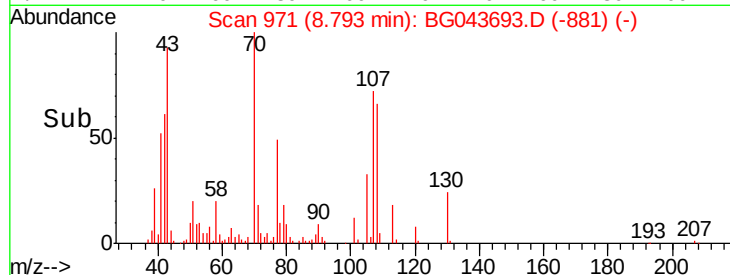
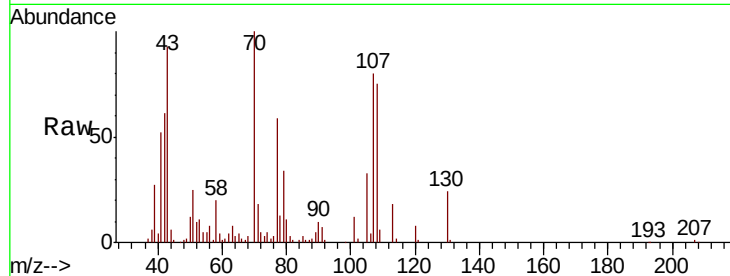
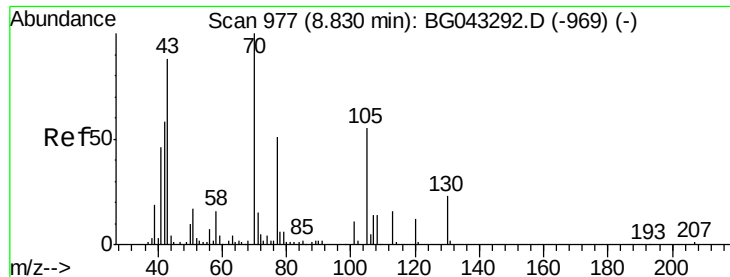
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	81.7	122.5
201	132.7	98.6	147.8





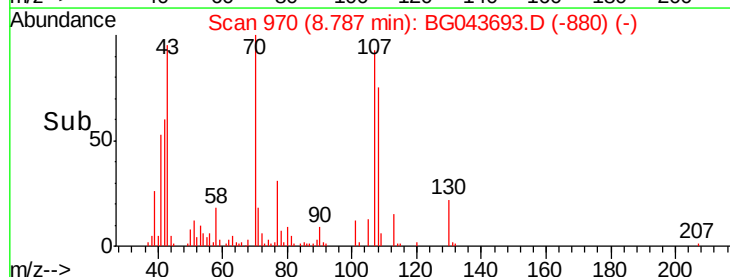
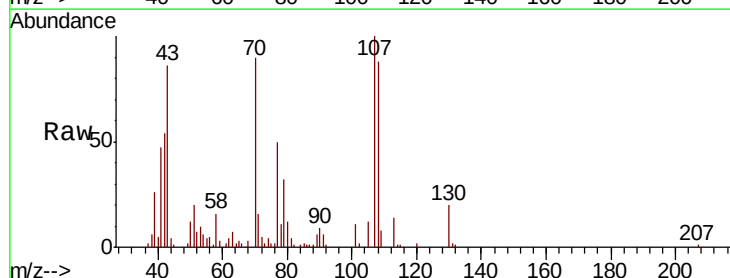
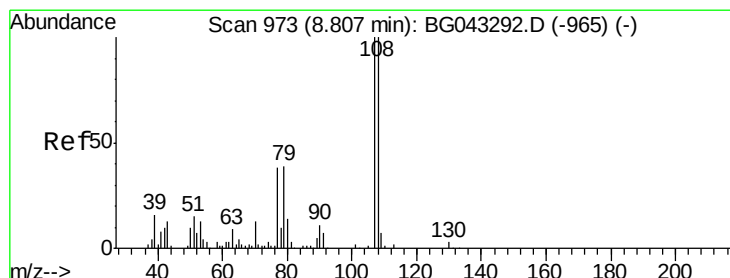
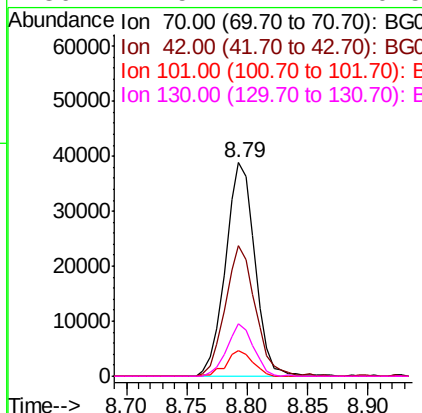
#19
n-Nitroso-di-n-propylamine
Concen: 48.584 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	49.7	74.5	
101	12.2	9.7	14.5	
130	24.5	17.7	26.5	

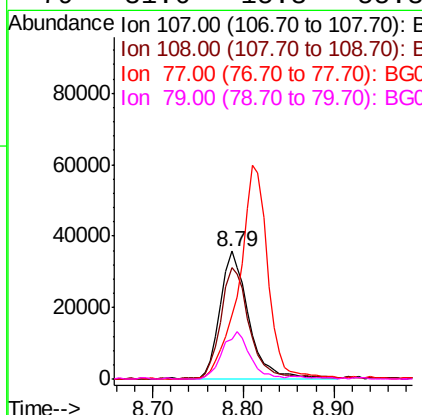
Manual Integrations
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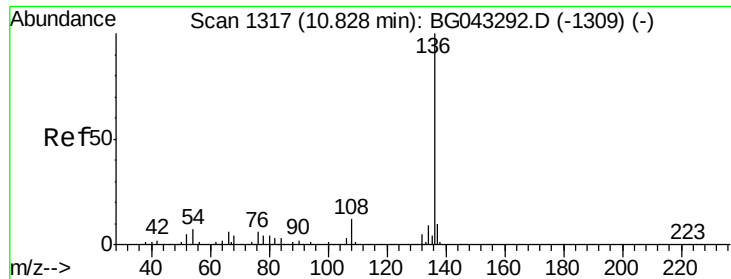
mohammad
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#20
3+4-Methylphenols
Concen: 41.270 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	69.5	109.5	
77	50.2	32.8	72.8	
79	31.6	15.3	55.3	





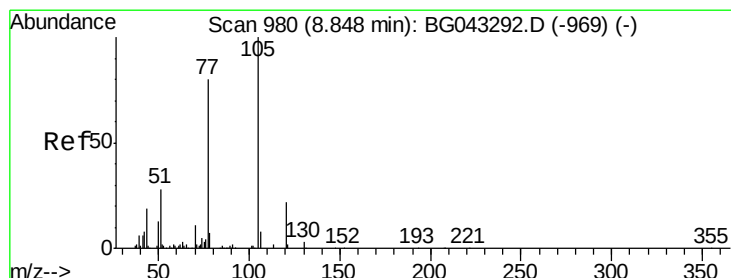
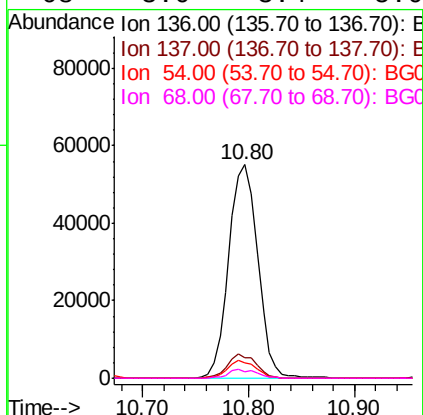
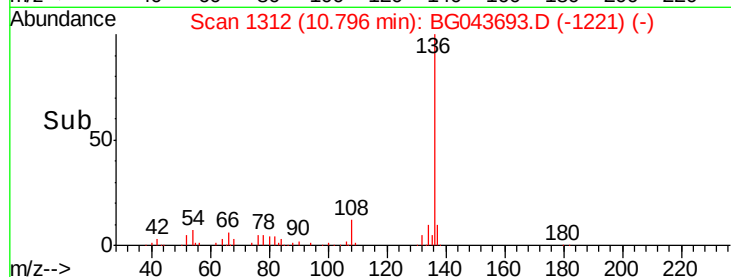
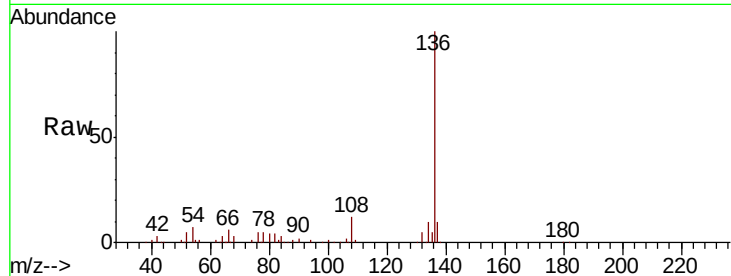
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	104776		
137	9.7	8.8	13.2	
54	7.2	6.2	9.2	
68	3.0	3.4	5.0	

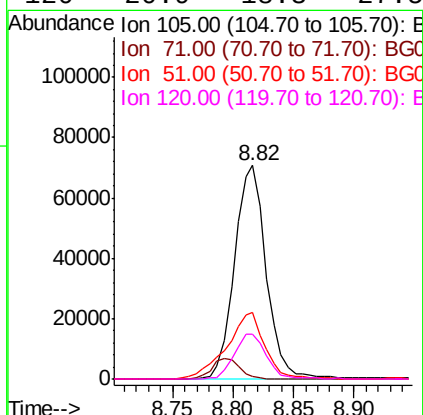
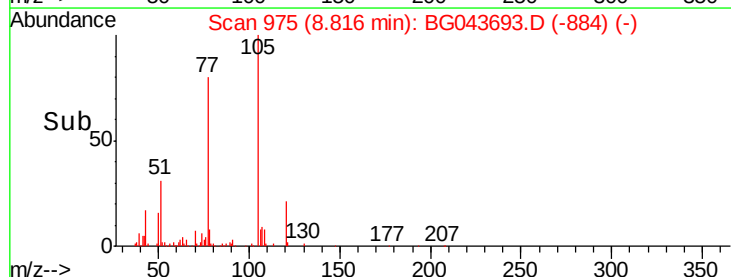
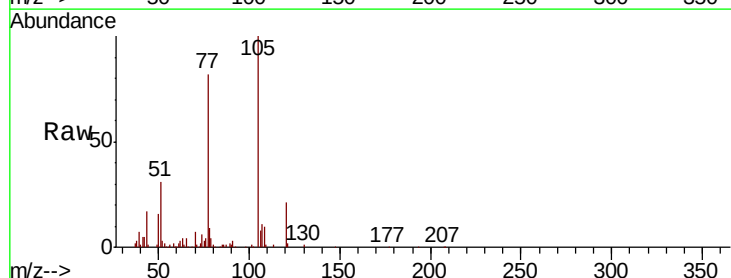
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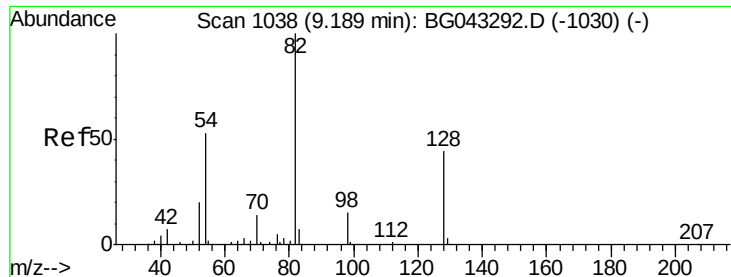
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#22
Acetophenone
Concen: 48.262 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129496		
71	0.9	1.5	2.3	
51	31.1	25.0	37.6	
120	20.9	18.3	27.5	





#23

Nitrobenzene-d5

Concen: 92.267 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

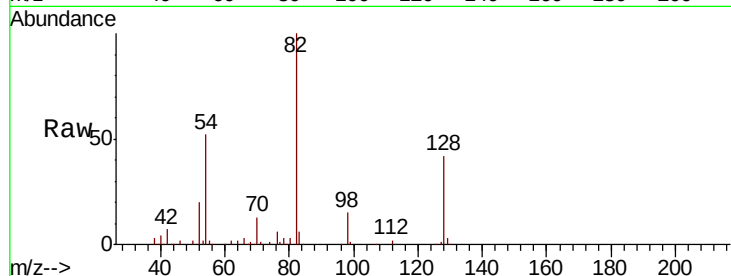
ClientSampleId :

PB124907BS

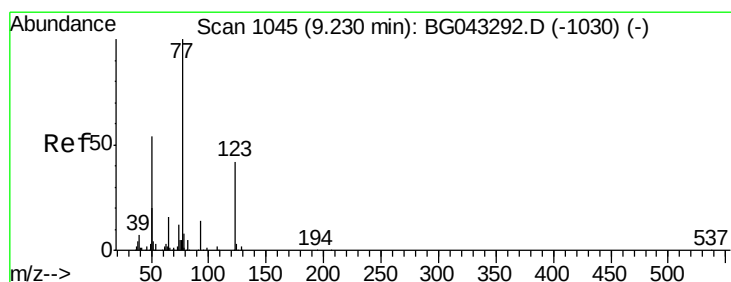
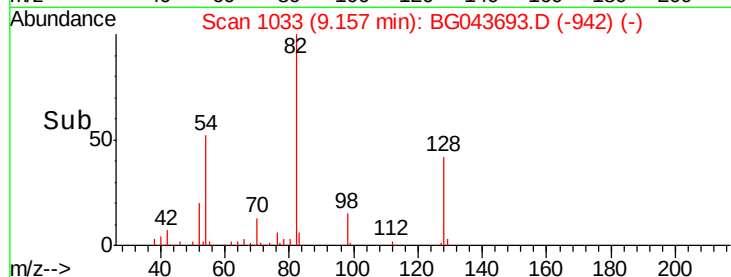
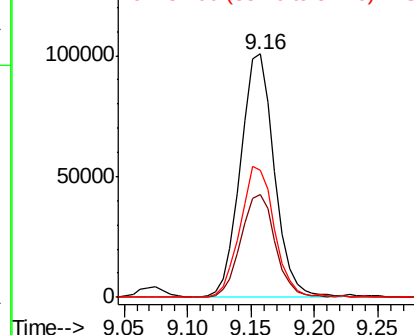
Tot Ion:	82	Resp:	187518
Ion Ratio	Lower	Upper	
82	100		
128	42.5	34.2	51.4
54	52.2	44.7	67.1

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 51.924 ng

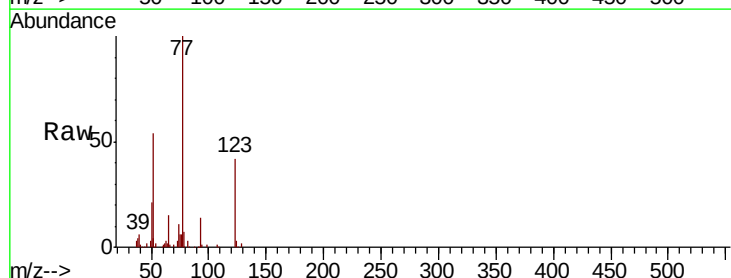
RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

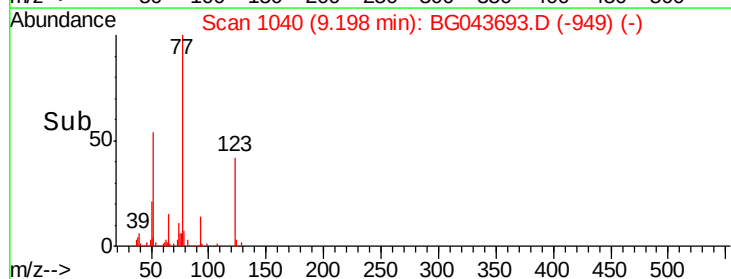
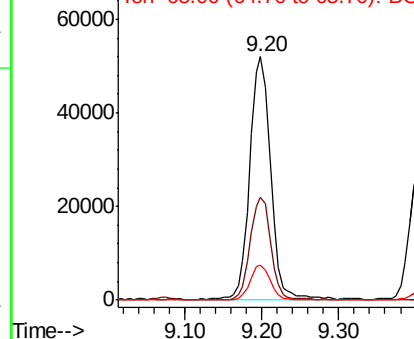
Lab File: BG043693.D

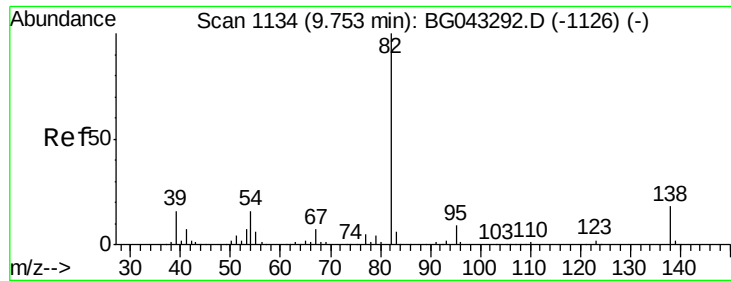
Acq: 19 Nov 2019 11:47

Tgt Ion:	77	Resp:	100526
Ion Ratio	Lower	Upper	
77	100		
123	42.2	33.6	50.4
65	14.6	12.9	19.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





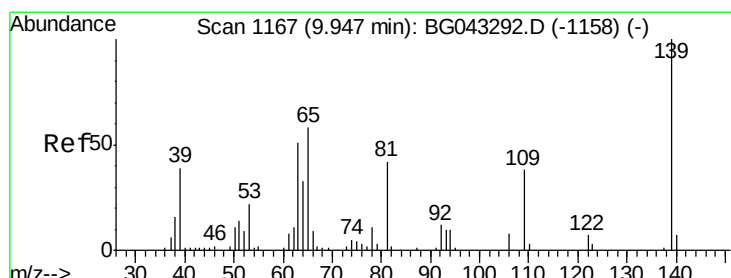
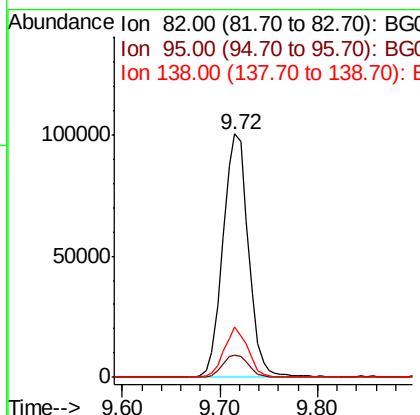
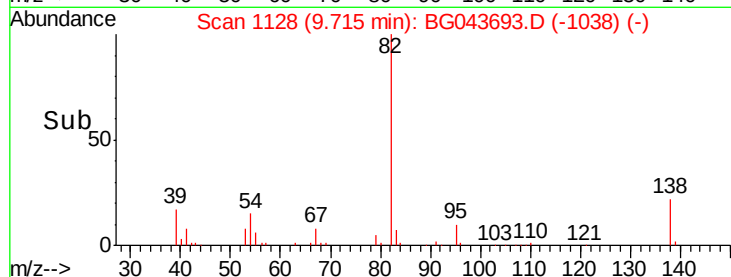
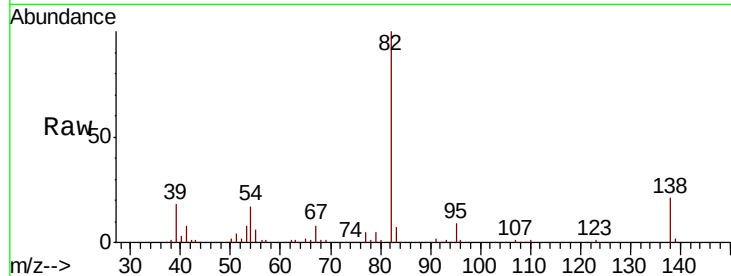
#25
Isophorone
Concen: 48.983 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.0	7.4	11.0	
138	20.5	15.1	22.7	

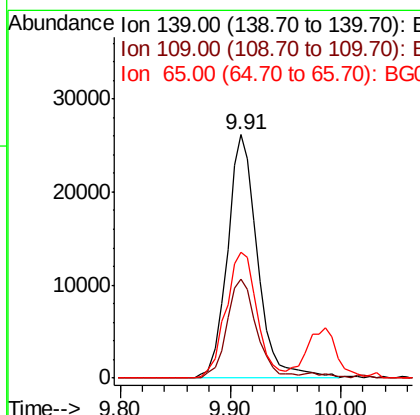
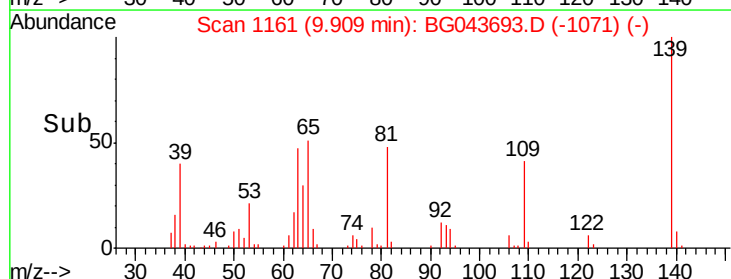
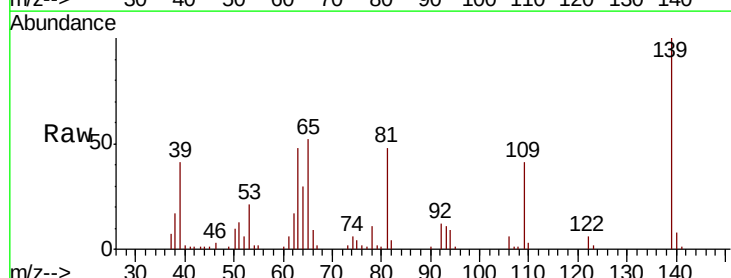
Manual Integrations
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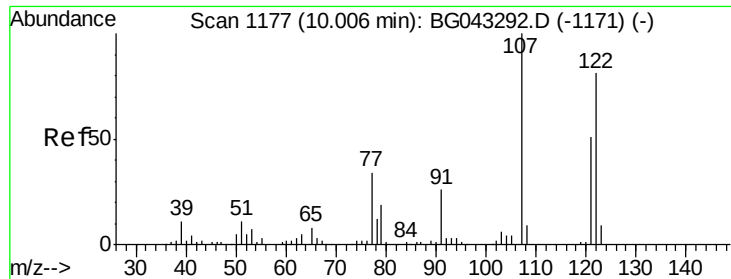
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#26
2-Nitrophenol
Concen: 53.269 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.8	32.6	48.8	
65	51.6	47.6	71.4	





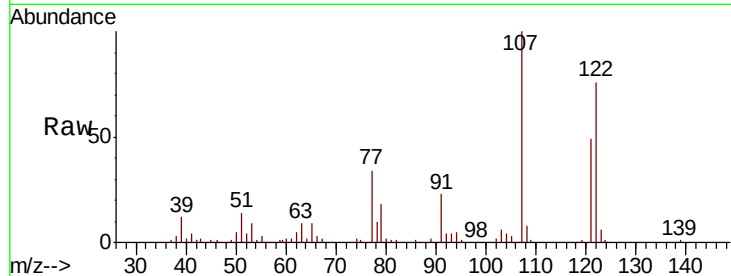
#27
2,4-Dimethylphenol
Concen: 56.641 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.0	100.7	151.1
121	64.0	47.0	70.4

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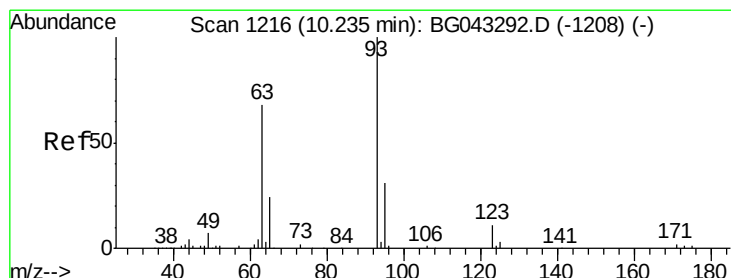
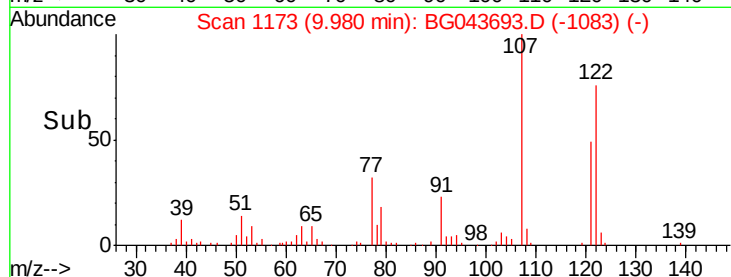
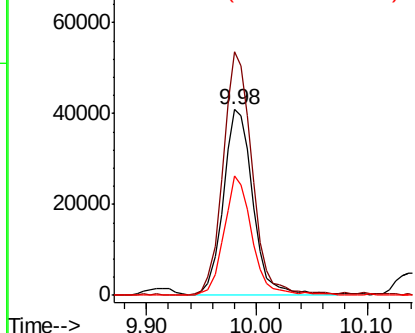


Abundance

Ion 122.00 (121.70 to 122.70): E

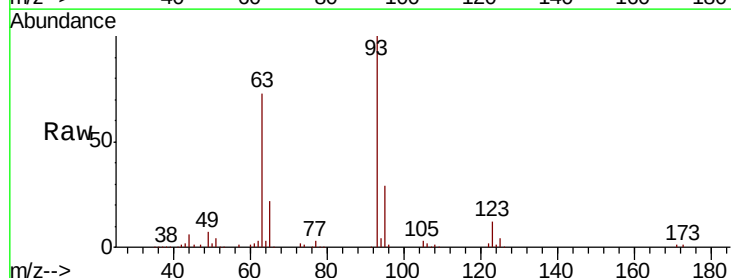
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.067 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.9	27.5	41.3
123	12.4	10.7	16.1

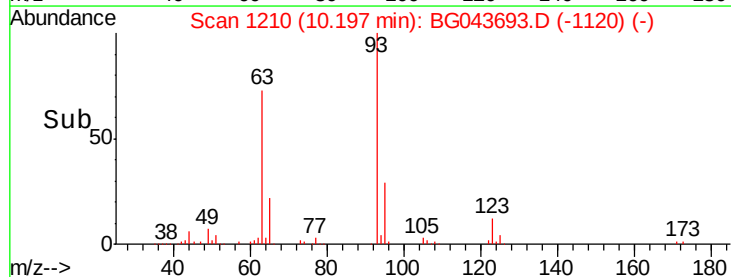
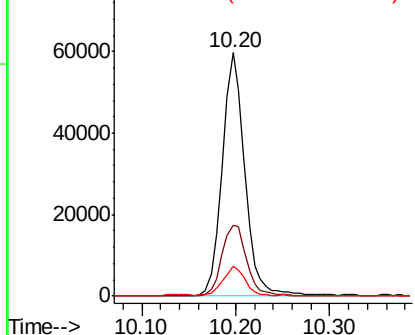


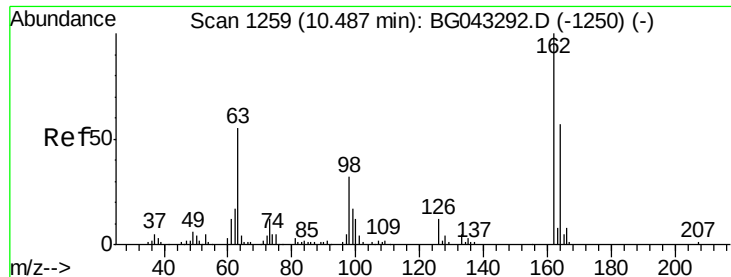
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.471 ng

RT: 10.46 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

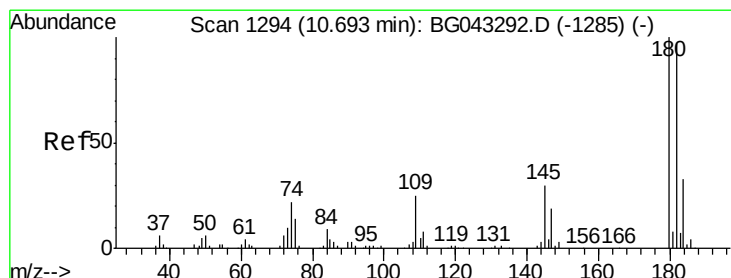
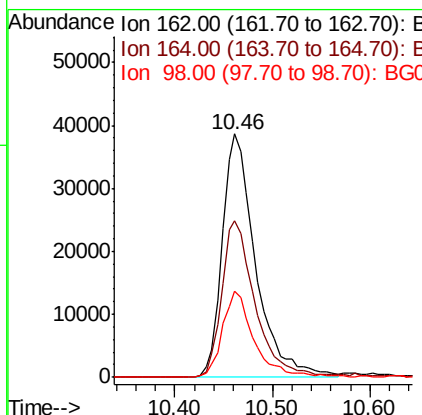
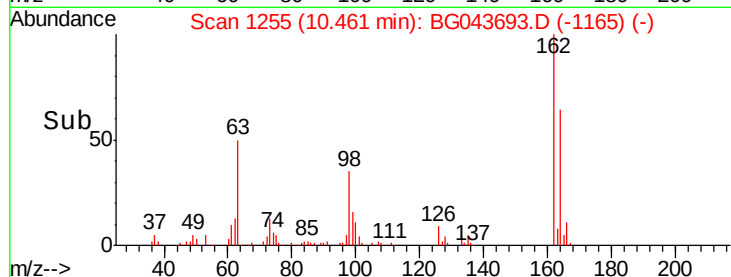
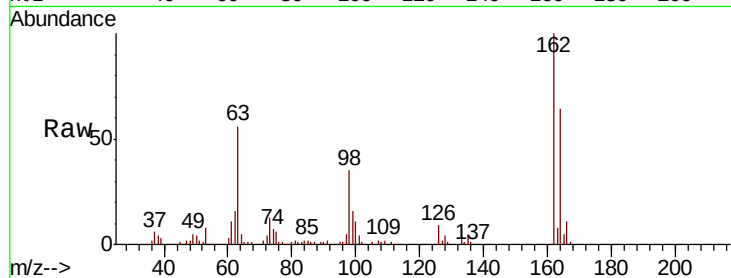
ClientSampled :

PB124907BS

Tot Ion:	162	Resp:	91781
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.4	85.4
98	35.5	10.1	50.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.575 ng

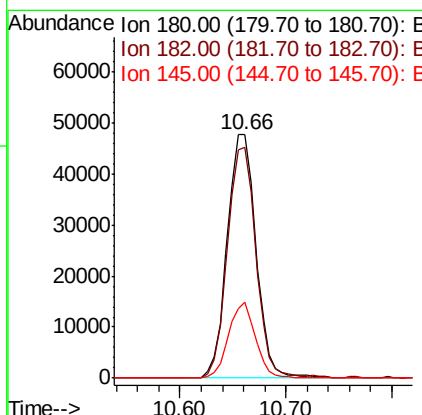
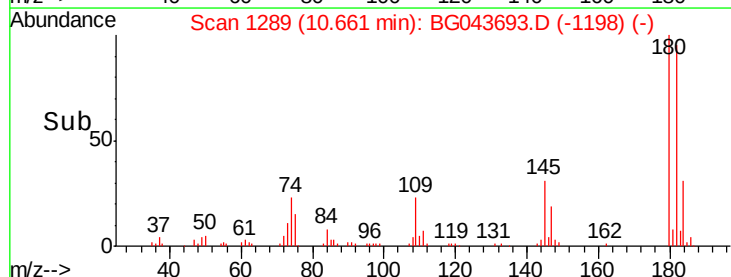
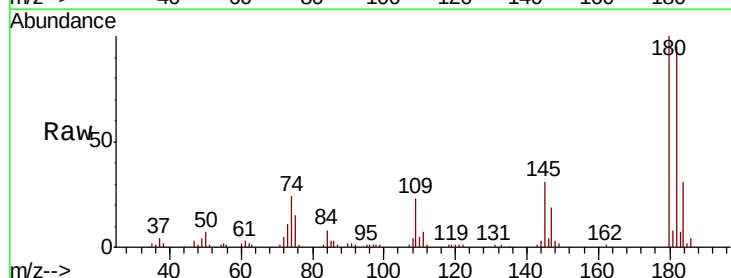
RT: 10.66 min Scan# 1289

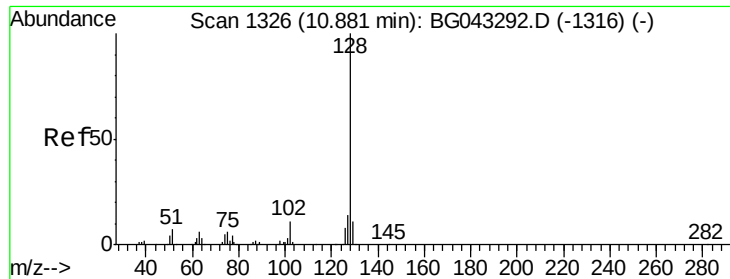
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	180	Resp:	89941
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.5	111.7
145	31.2	21.4	32.0





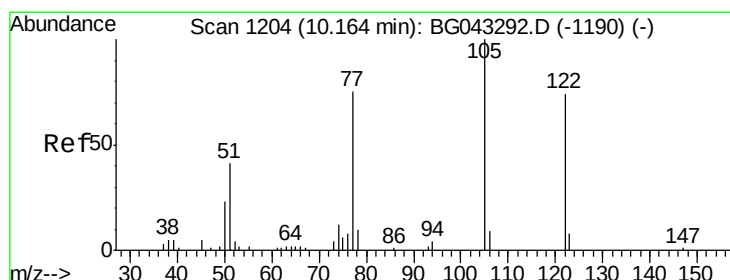
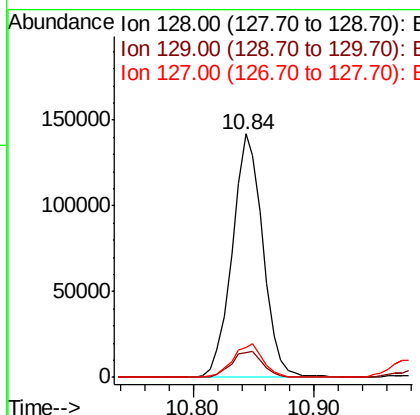
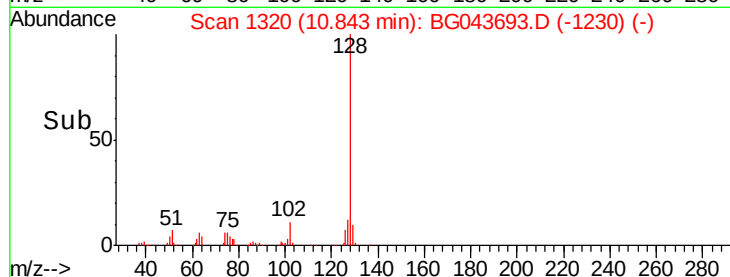
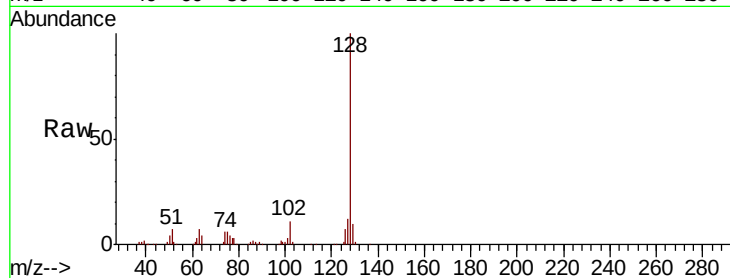
#31
Naphthalene
Concen: 47.040 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	250176		
129	10.3		9.5	14.3
127	12.4		11.0	16.4

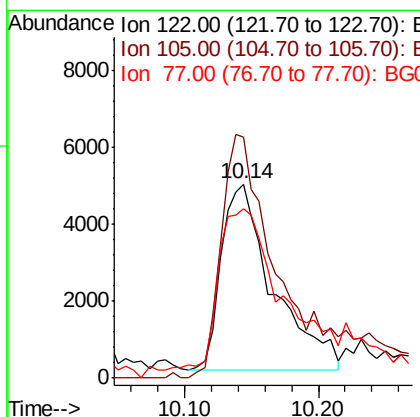
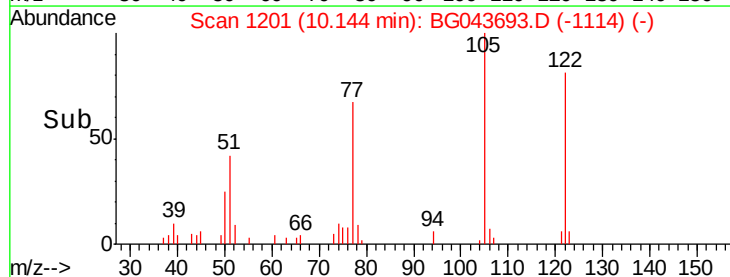
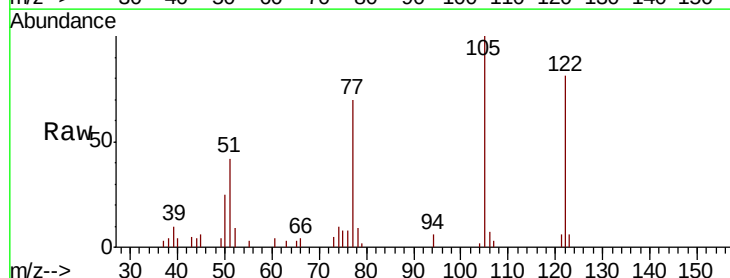
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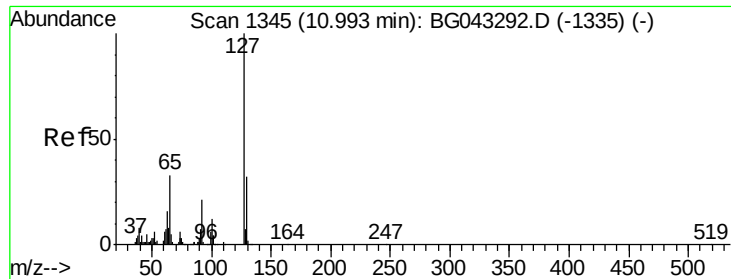
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#32
Benzoic acid
Concen: 19.360 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12997		
105	123.8		101.8	141.8
77	86.8		86.8	126.8





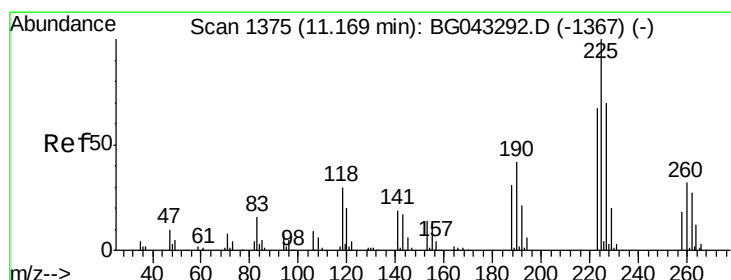
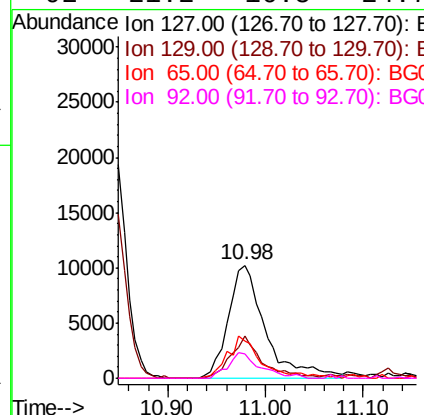
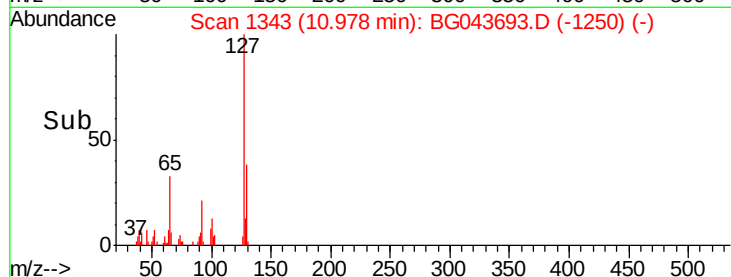
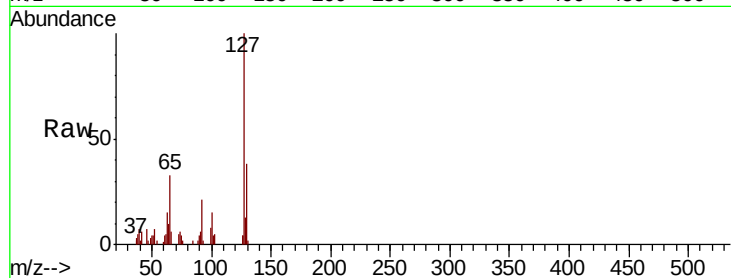
#33
4-Chloroaniline
Concen: 12.446 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampled :
PB124907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		27133		
129	37.7	28.0	42.0		
65	32.9	28.3	42.5		
92	21.2	16.5	24.7		

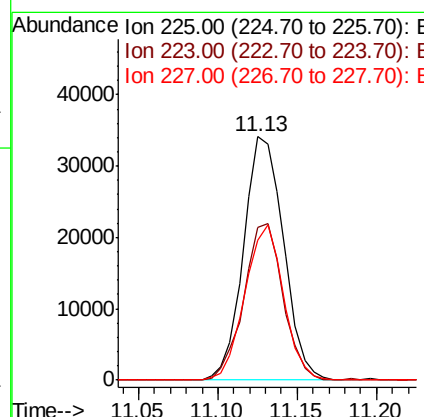
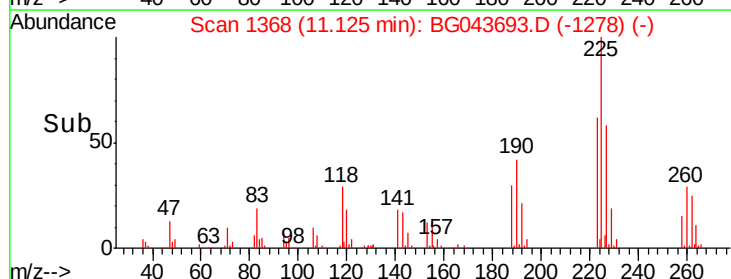
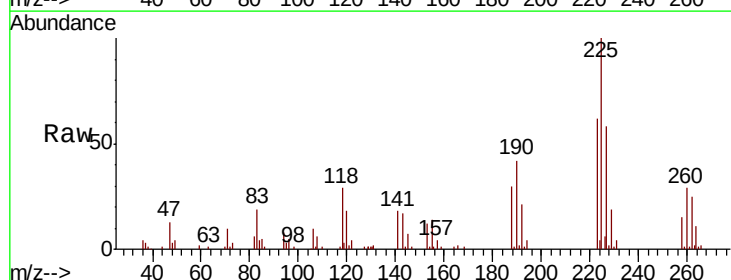
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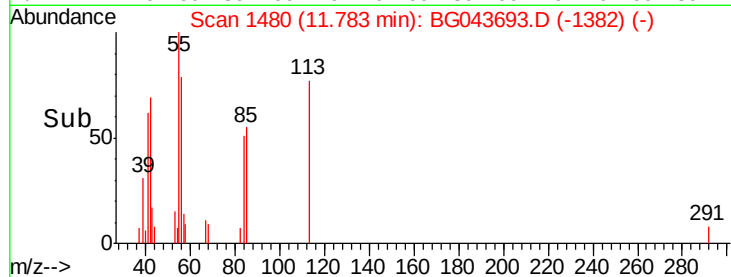
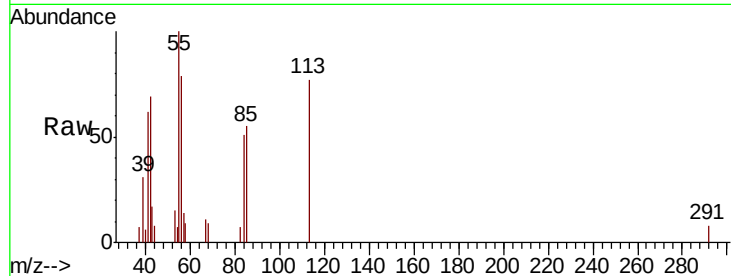
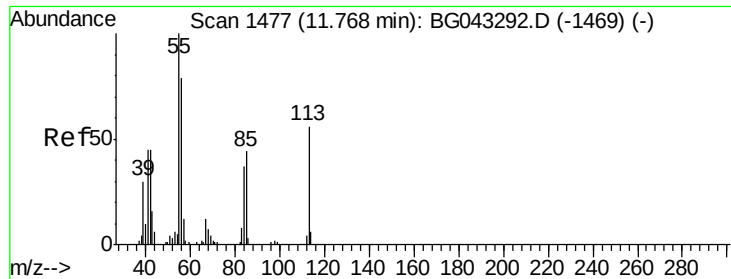
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#34
Hexachlorobutadiene
Concen: 37.354 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		59736		
223	62.5	48.6	73.0		
227	57.6	49.1	73.7		





#35

Caprolactam

Concen: 12.780 ng/ml

RT: 11.78 min Scan# 1480

Delta R.T. 0.04 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

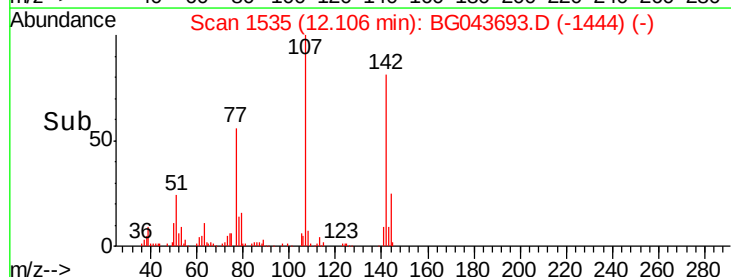
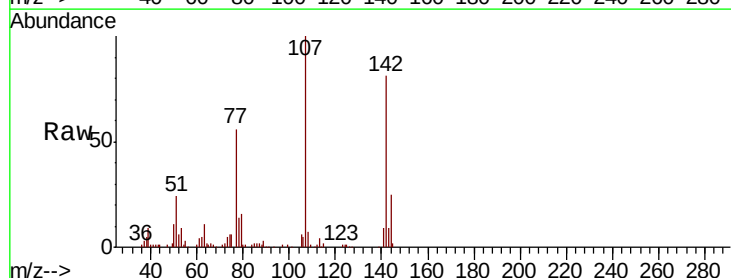
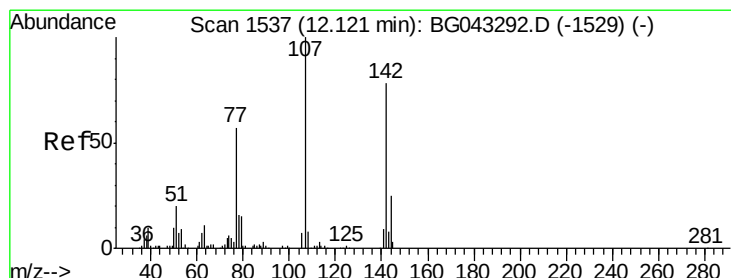
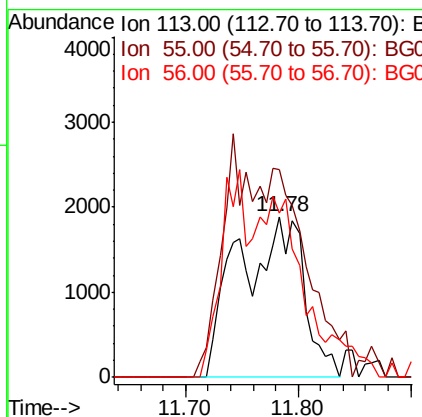
ClientSampleId :

PB124907BS

Tot Ion:	113	Resp:	7555
Ion	Ratio	Lower	Upper
113	100		
55	129.4	154.4	194.4#
56	102.6	112.9	152.9#

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#36

4-Chloro-3-methylphenol

Concen: 54.194 ng

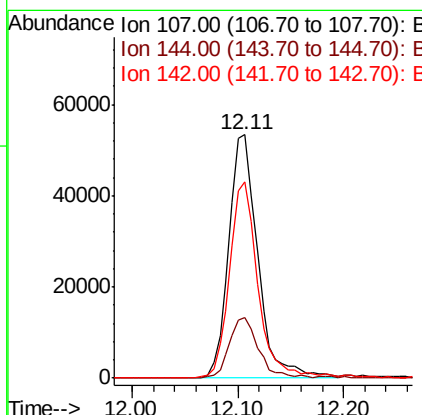
RT: 12.11 min Scan# 1535

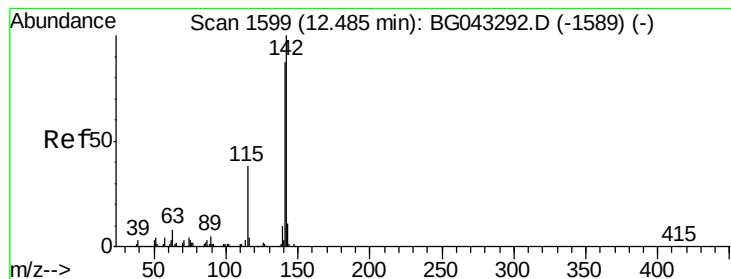
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	107	Resp:	101467
Ion	Ratio	Lower	Upper
107	100		
144	24.9	21.7	32.5
142	80.8	67.2	100.8





#37

2-Methylnaphthalene

Concen: 49.164 ng

RT: 12.45 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

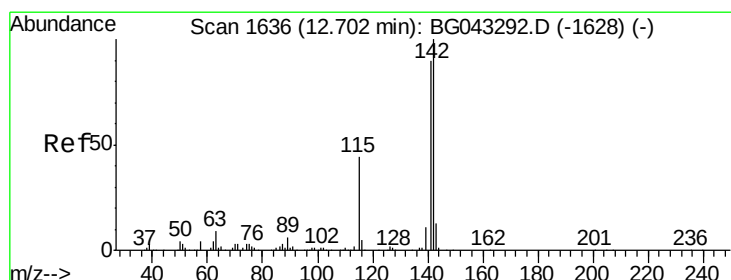
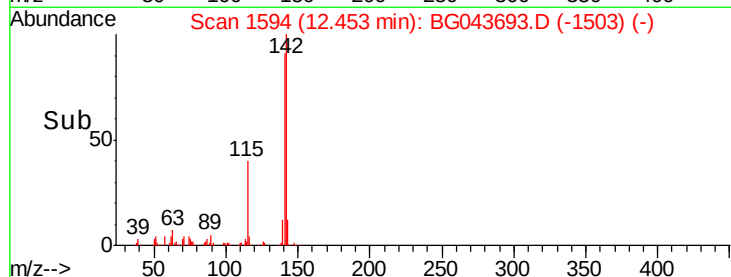
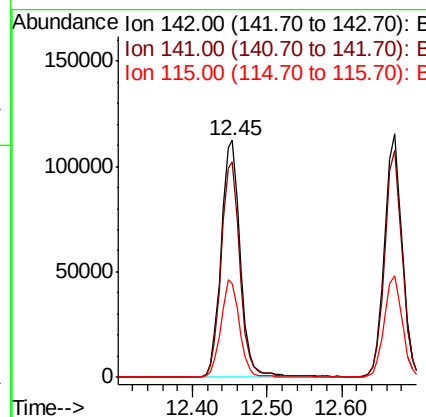
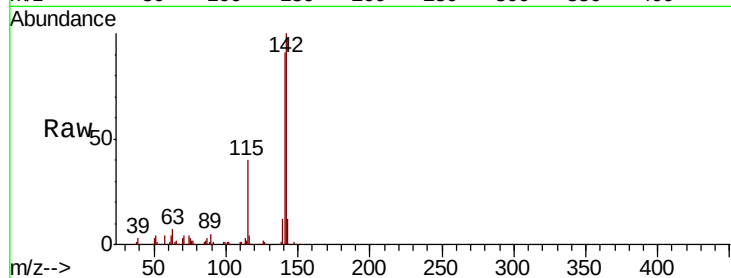
ClientSampleId :

PB124907BS

Tot Ion:	142	Resp:	200622
Ion Ratio	Lower	Upper	
142	100		
141	91.0	71.2	106.8
115	39.9	31.9	47.9

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#38

1-Methylnaphthalene

Concen: 48.367 ng

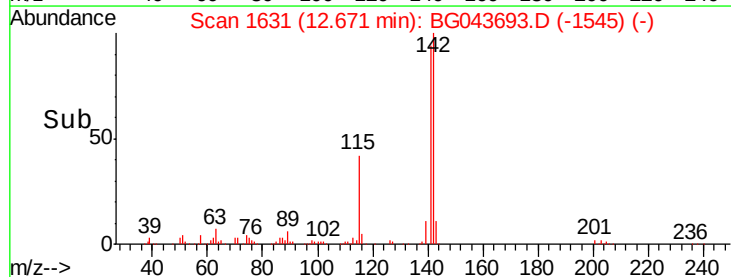
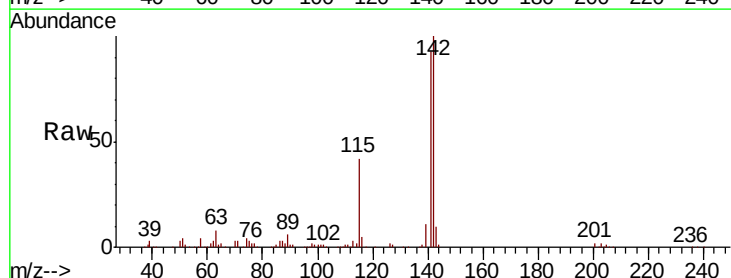
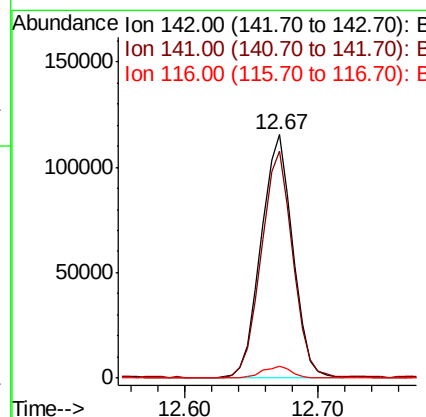
RT: 12.67 min Scan# 1631

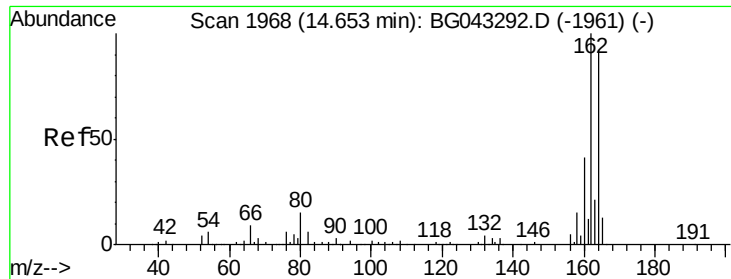
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	142	Resp:	187794
Ion Ratio	Lower	Upper	
142	100		
141	93.3	74.5	111.7
116	4.9	3.8	5.6





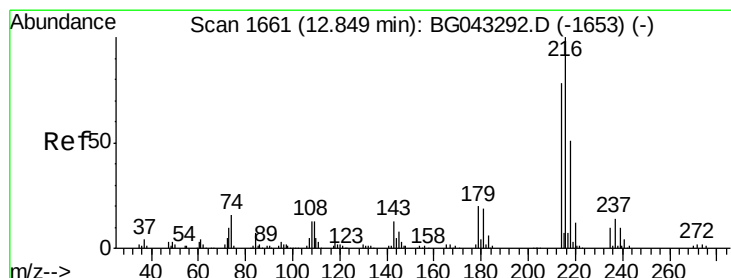
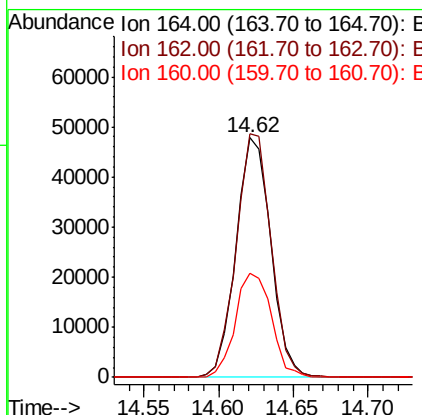
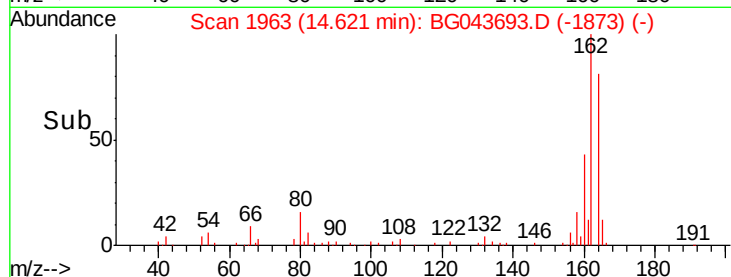
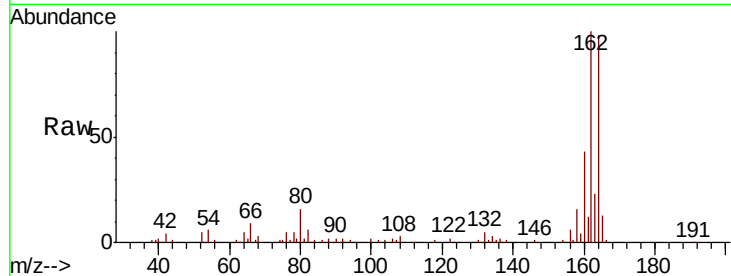
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	43.8	36.3	54.5

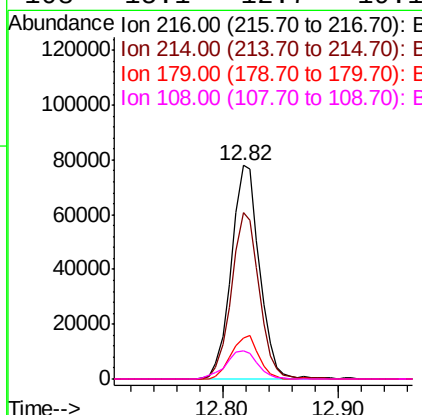
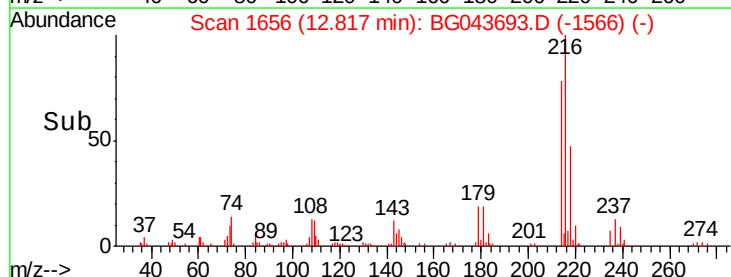
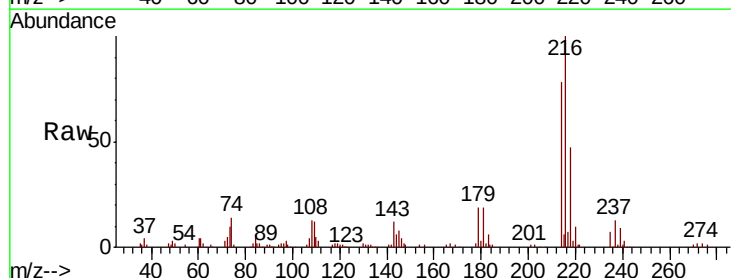
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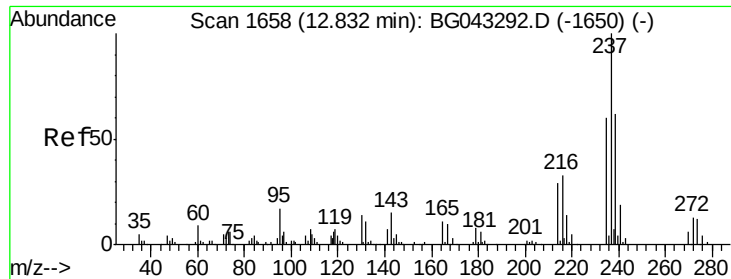
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.849 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	62.8	94.2
179	19.8	16.5	24.7
108	15.1	12.7	19.1





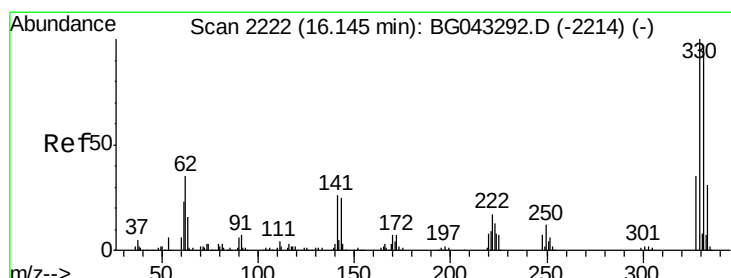
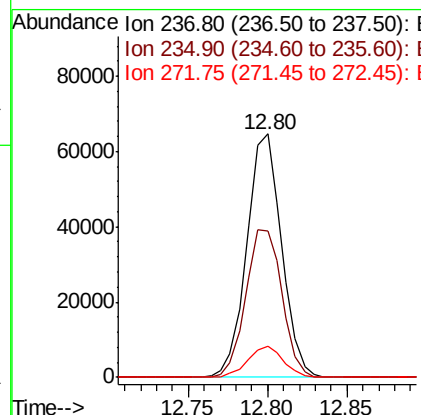
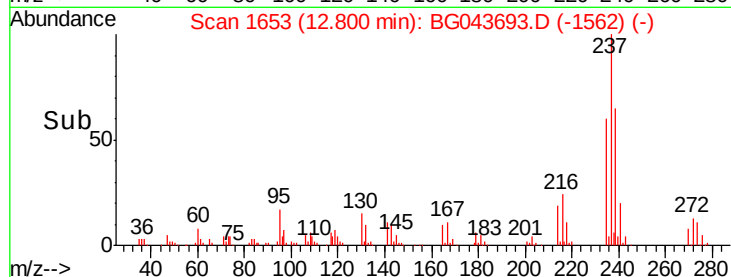
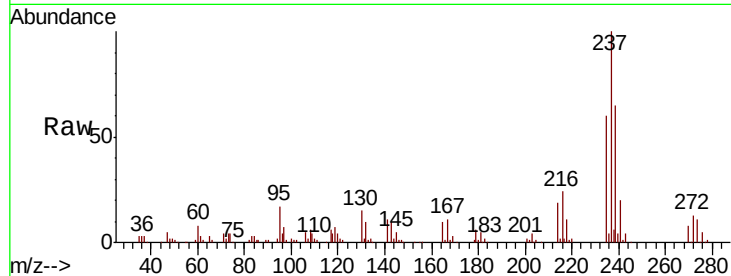
#41
Hexachlorocyclopentadiene
Concen: 65.200 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	98355		
235	60.0	42.2	82.2	
272	13.0	0.0	32.6	

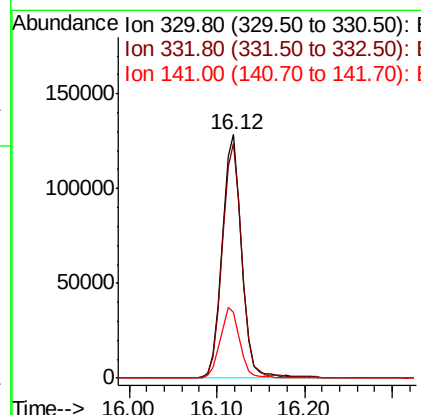
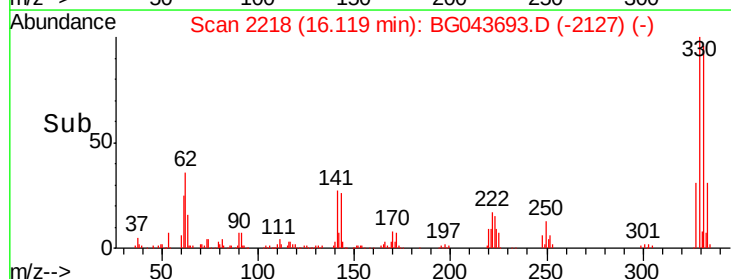
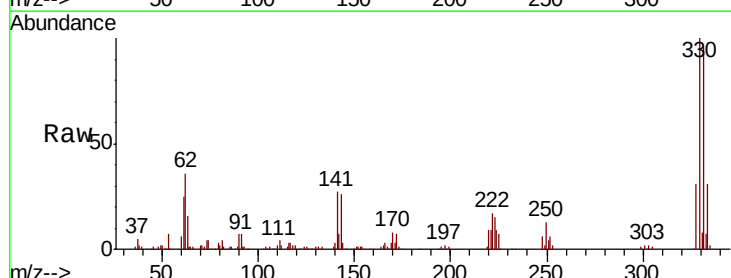
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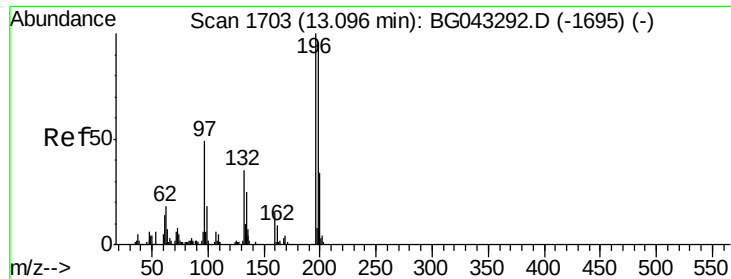
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#42
2,4,6-Tribromophenol
Concen: 135.165 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199590		
332	96.7	76.6	115.0	
141	29.1	23.4	35.2	





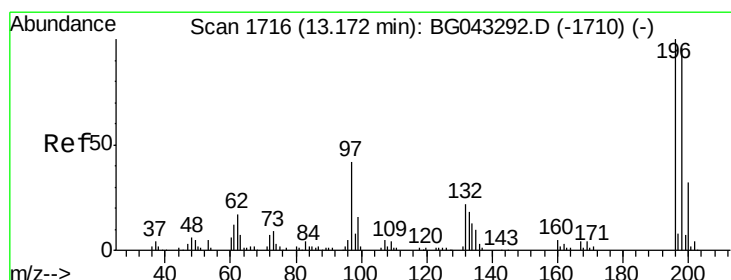
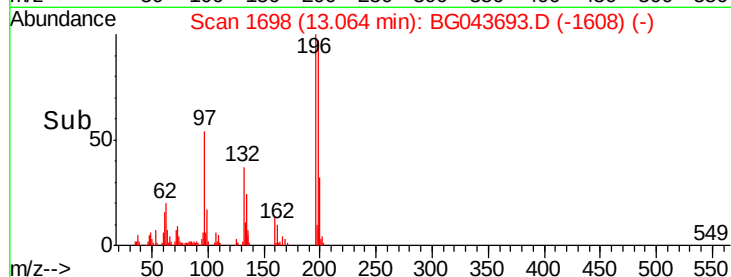
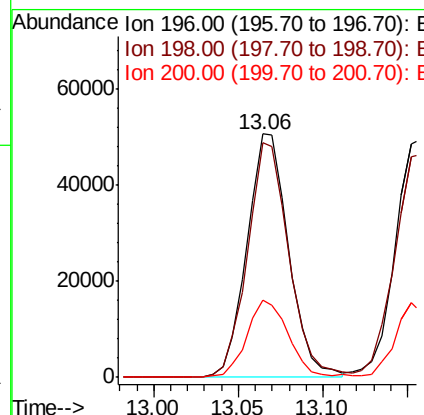
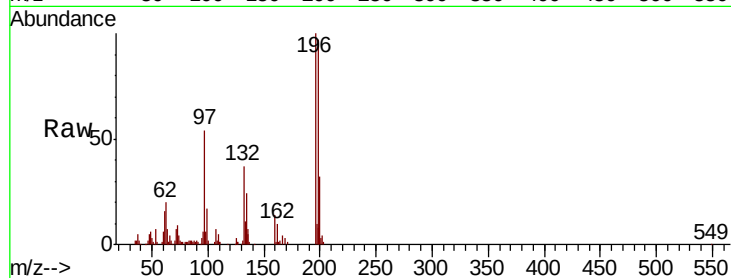
#43
 2,4,6-Trichlorophenol
 Concen: 51.365 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	81.3	121.9
200	31.5	28.2	42.2

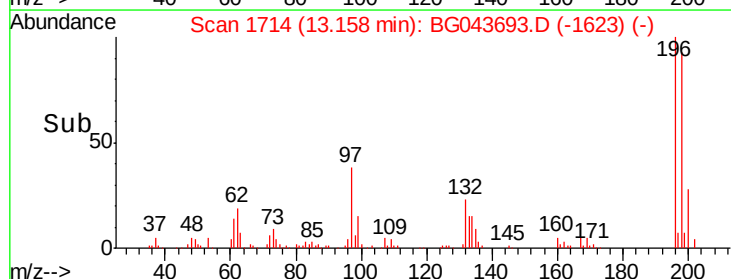
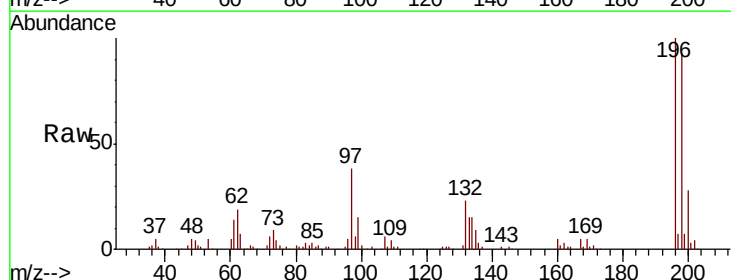
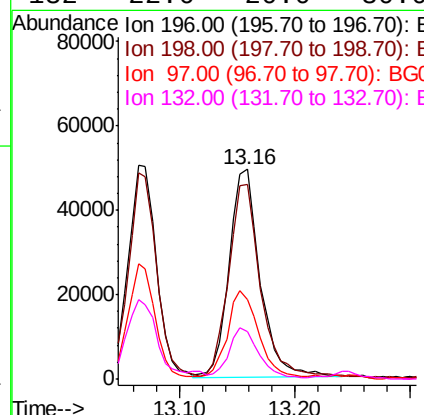
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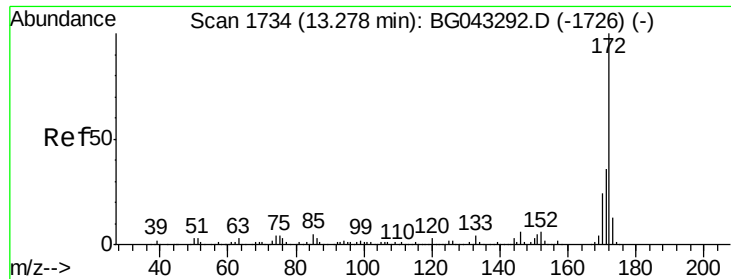
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#44
 2,4,5-Trichlorophenol
 Concen: 53.326 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	77.4	116.2
97	37.9	35.9	53.9
132	22.6	20.0	30.0





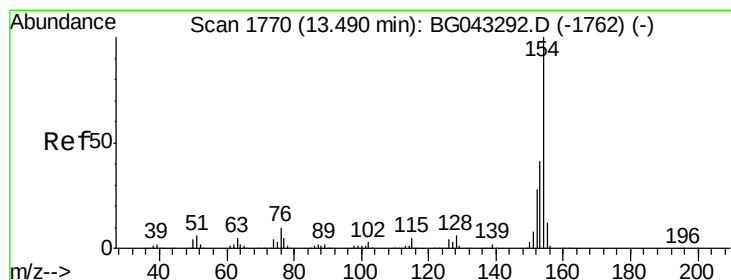
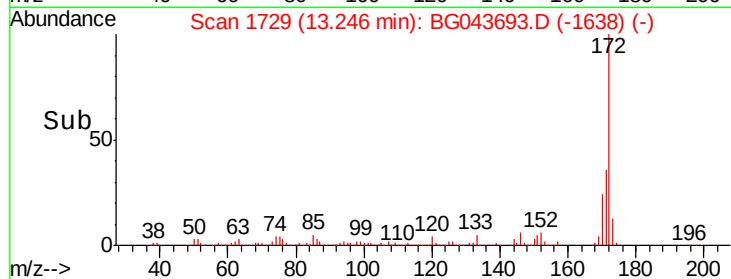
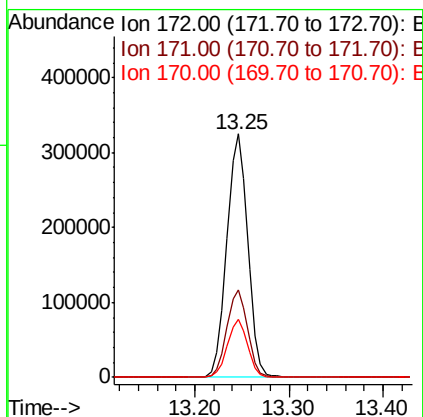
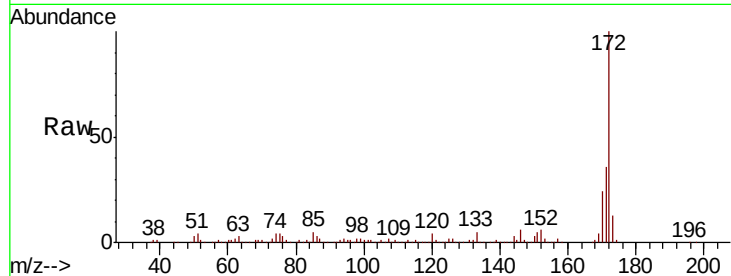
#45
2-Fluorobiphenyl
Concen: 89.603 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.1	42.1
170	23.6	18.8	28.2

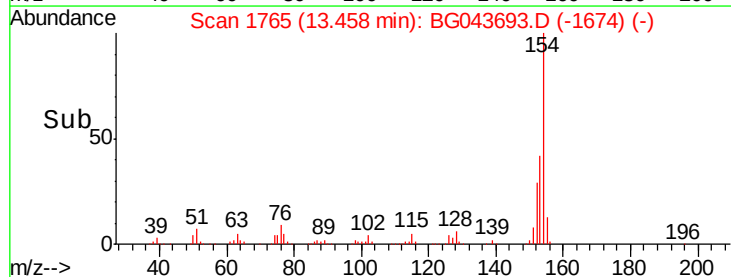
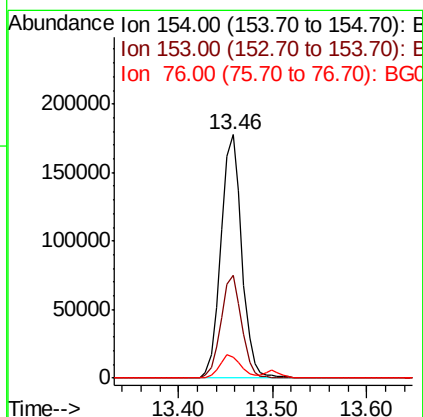
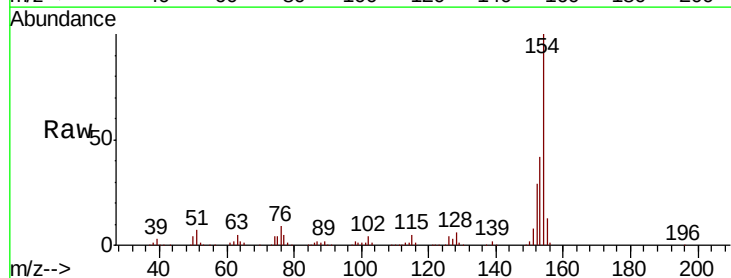
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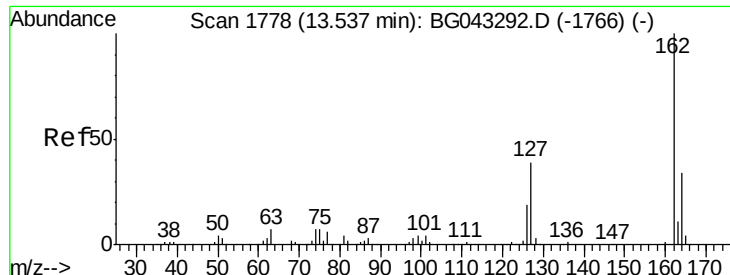
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#46
1,1'-Biphenyl
Concen: 46.706 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.6	62.6
76	8.7	0.0	29.1





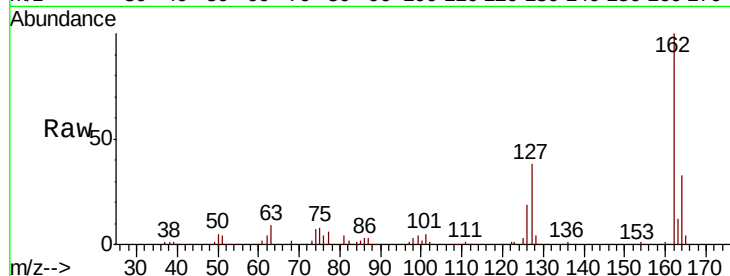
#47
2-Chloronaphthalene
Concen: 48.834 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

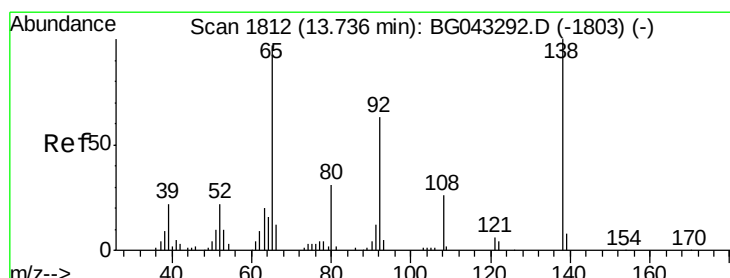
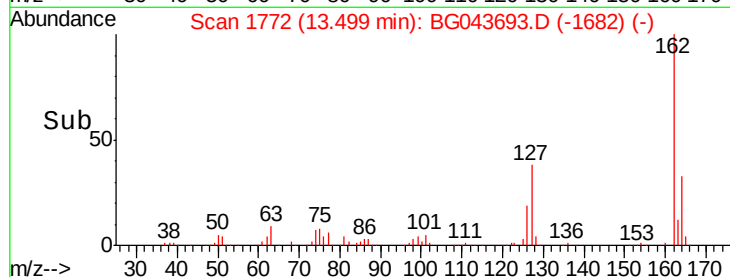
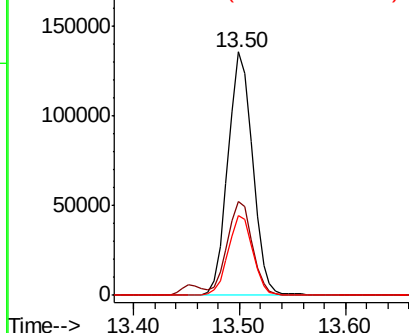
Tot Ion	Ratio	Resp	Lower	Upper
162	100	219332		
127	38.3		32.8	49.2
164	32.8		27.8	41.8

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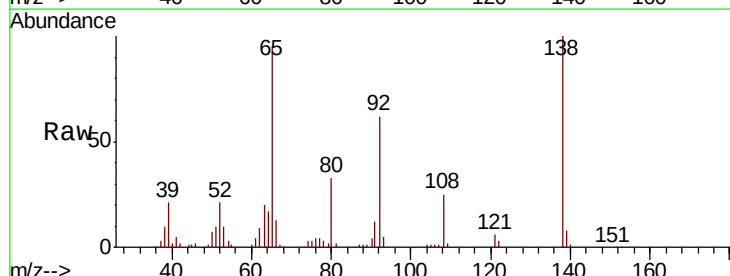


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

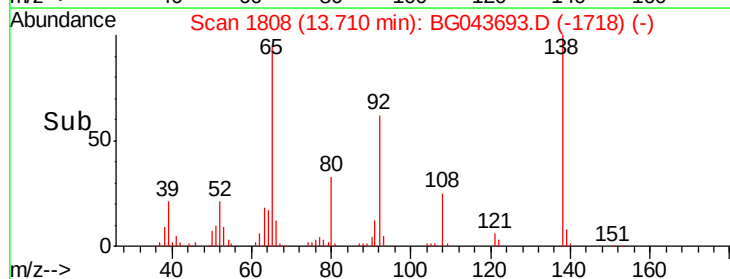
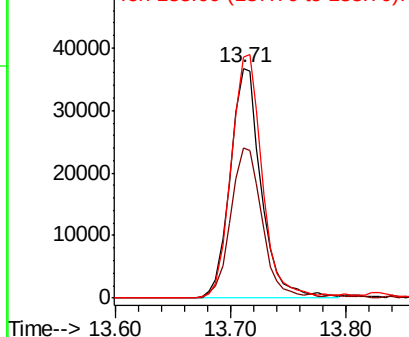


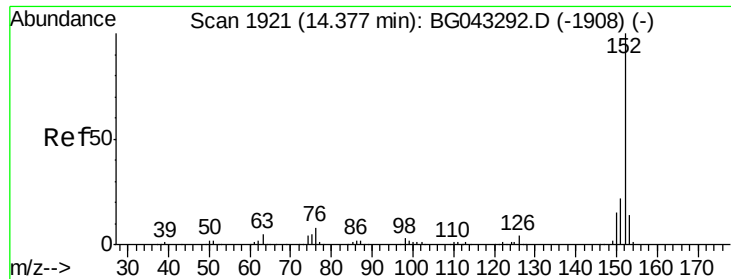
#48
2-Nitroaniline
Concen: 50.863 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68278		
92	65.1		54.9	82.3
138	105.1		85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.586 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

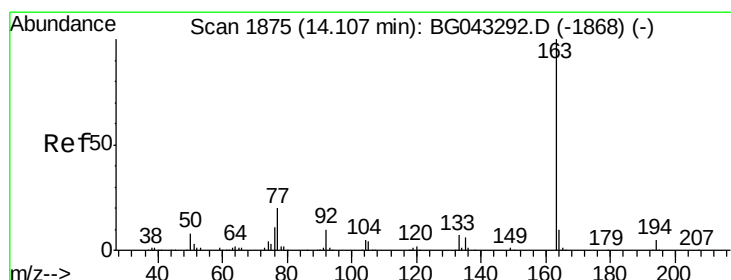
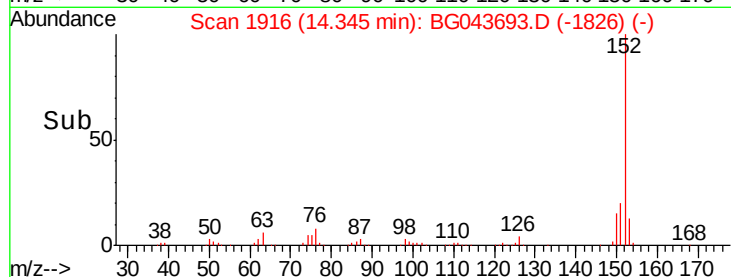
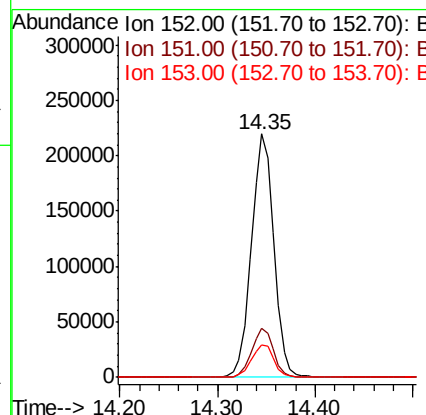
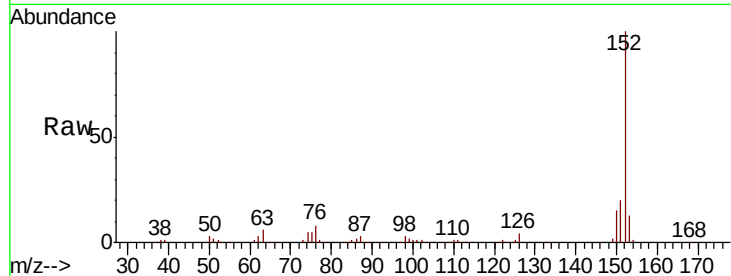
ClientSampleId :

PB124907BS

Tot Ion:	152	Resp:	353606
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.1	24.1
153	13.4	11.0	16.4

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#50

Dimethylphthalate

Concen: 51.755 ng

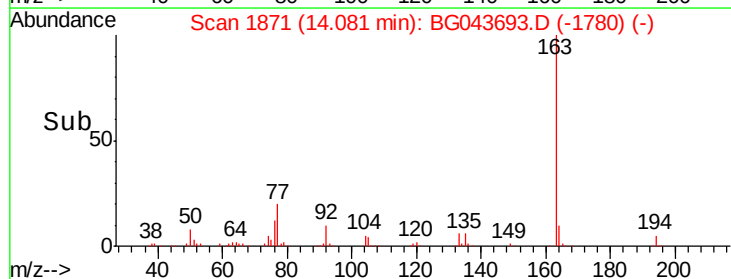
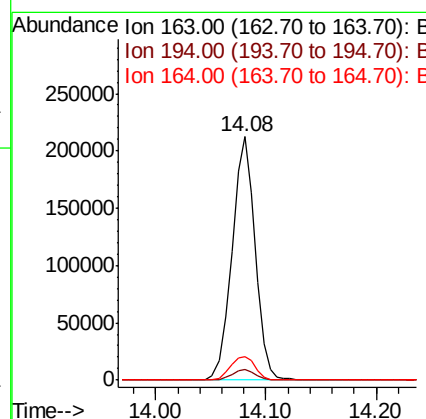
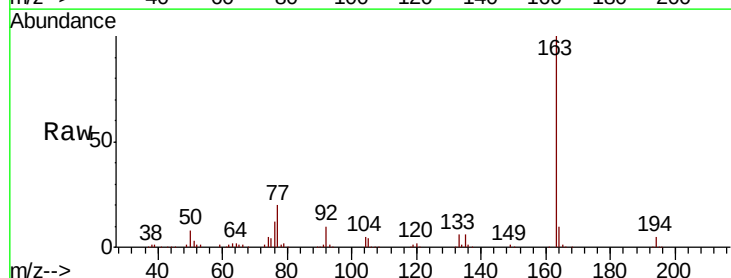
RT: 14.08 min Scan# 1871

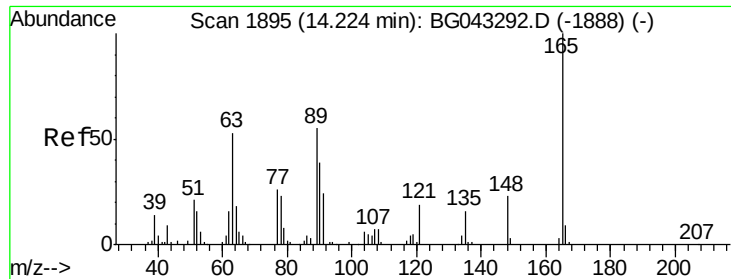
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	163	Resp:	311061
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.8
164	9.8	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 53.385 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

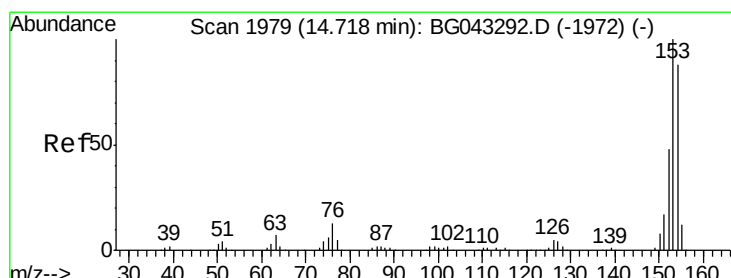
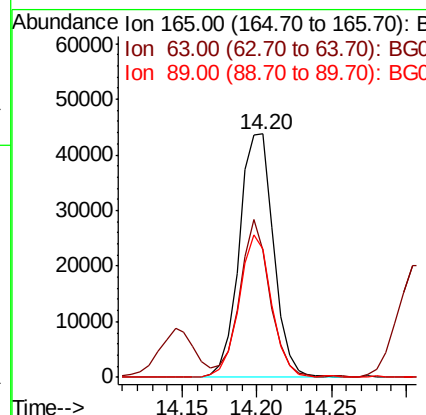
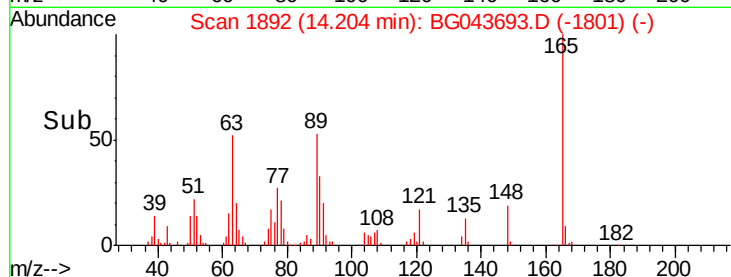
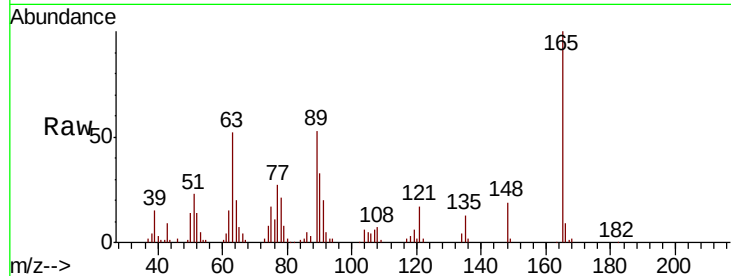
ClientSampleId :

PB124907BS

Tot Ion:	165	Resp:	69706
Ion Ratio	Lower	Upper	
165	100		
63	52.2	45.0	67.6
89	52.7	39.8	59.8

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#52

Acenaphthene

Concen: 50.499 ng

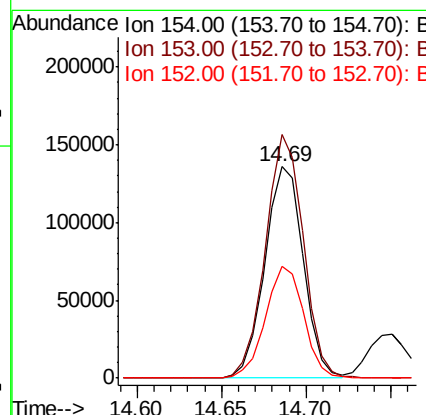
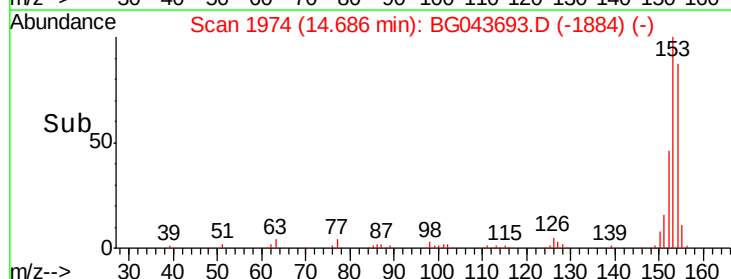
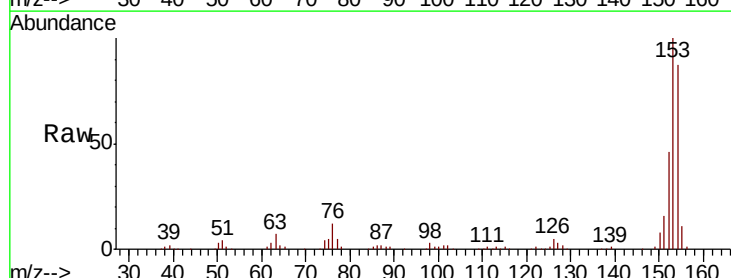
RT: 14.69 min Scan# 1974

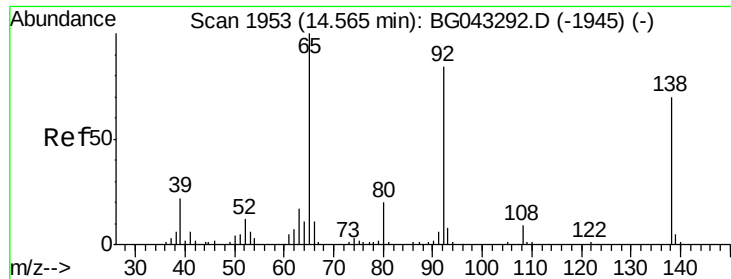
Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	154	Resp:	215272
Ion Ratio	Lower	Upper	
154	100		
153	115.2	89.2	133.8
152	53.2	41.4	62.0





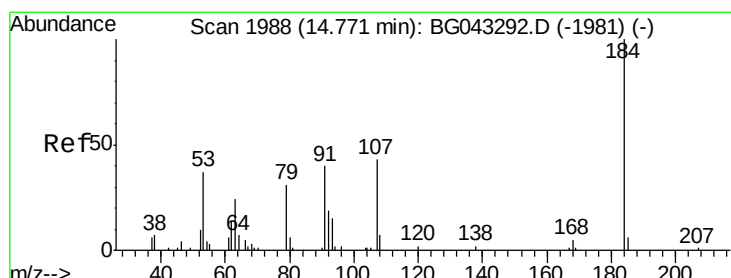
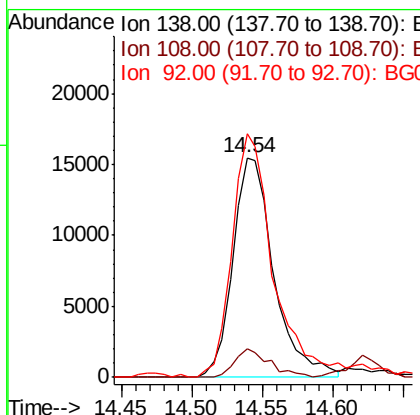
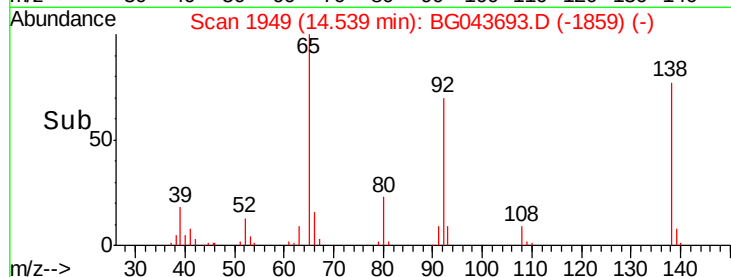
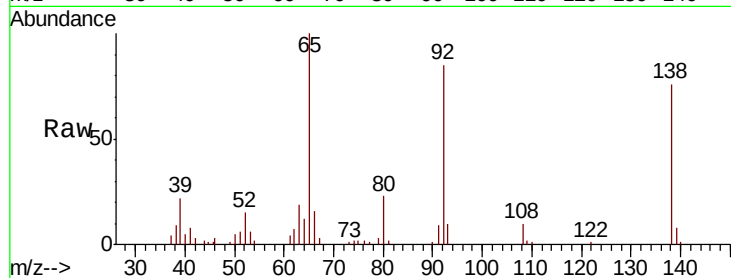
#53
3-Nitroaniline
Concen: 24.838 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.8	14.8
92	111.0	88.1	132.1

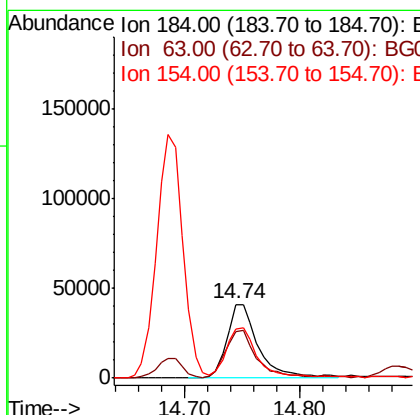
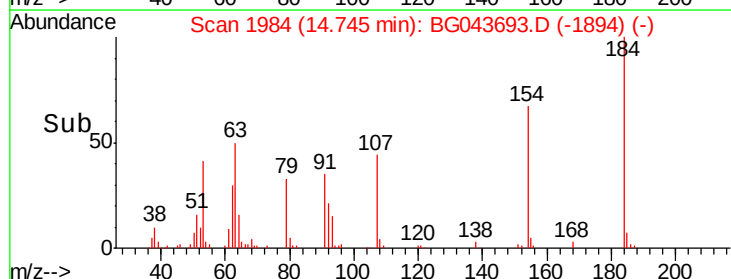
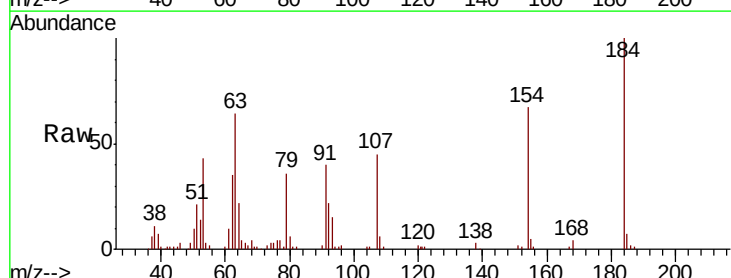
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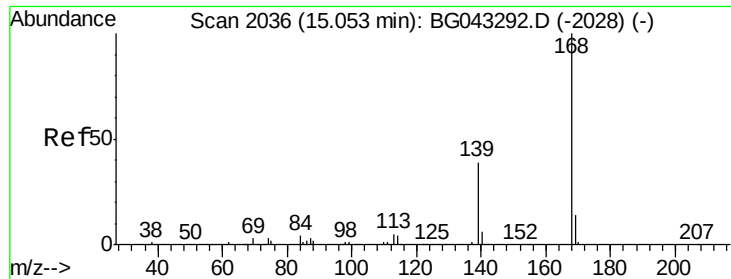
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#54
2,4-Dinitrophenol
Concen: 93.488 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	59.0	88.4
154	67.3	57.4	86.2





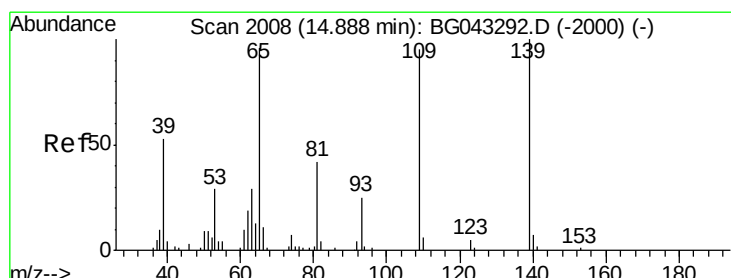
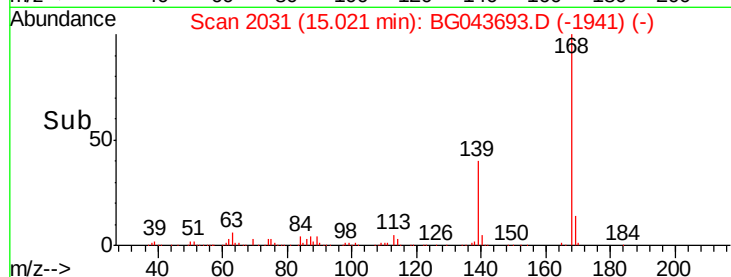
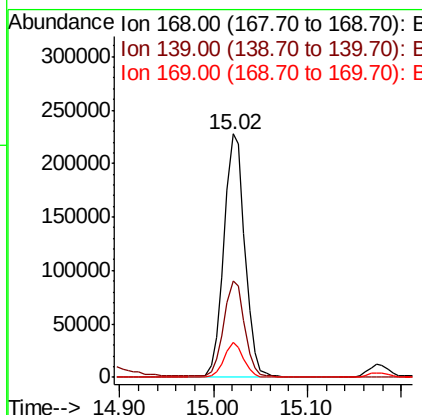
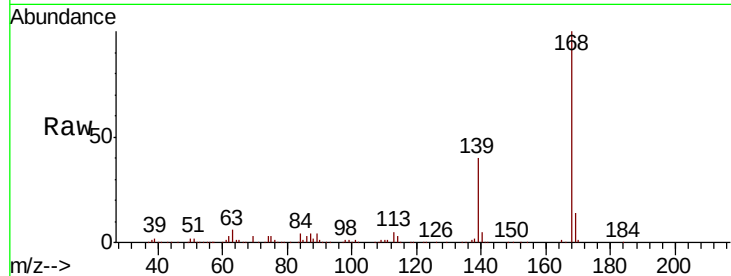
#55
Dibenzenofuran
Concen: 51.441 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.7	49.1
169	14.1	10.6	15.8

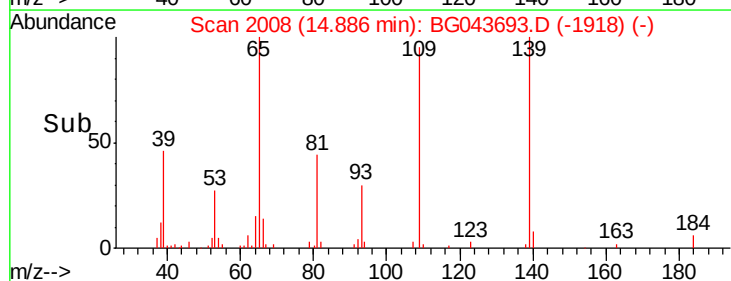
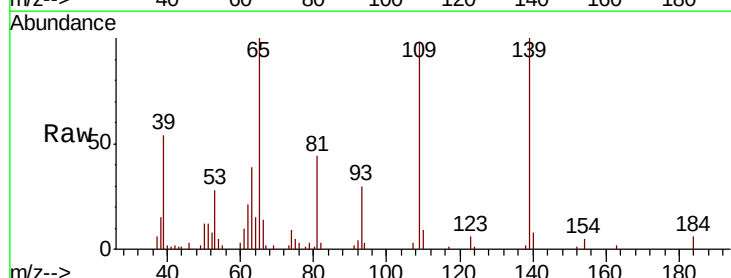
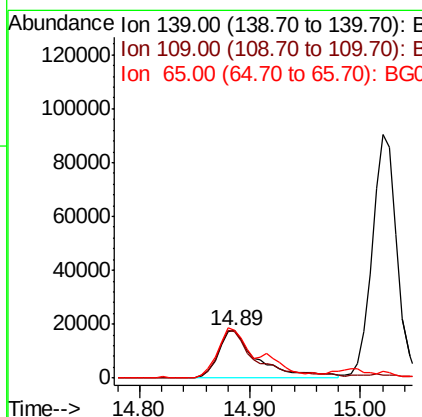
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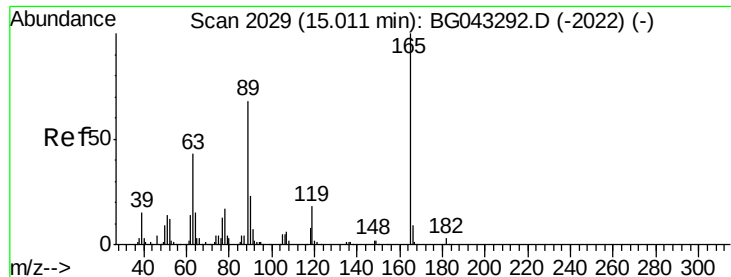
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#56
4-Nitrophenol
Concen: 52.519 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.2	64.0	104.0
65	100.1	75.6	115.6





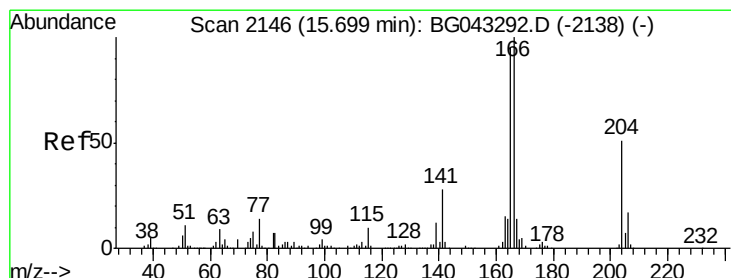
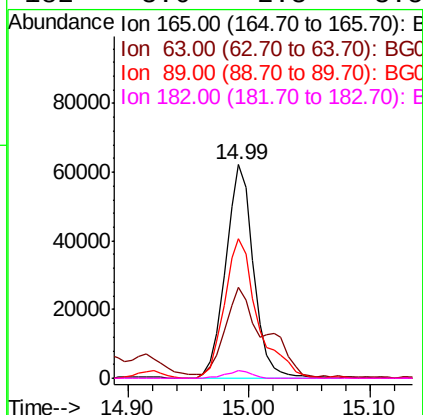
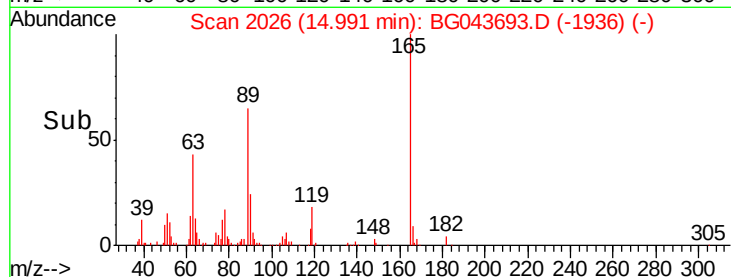
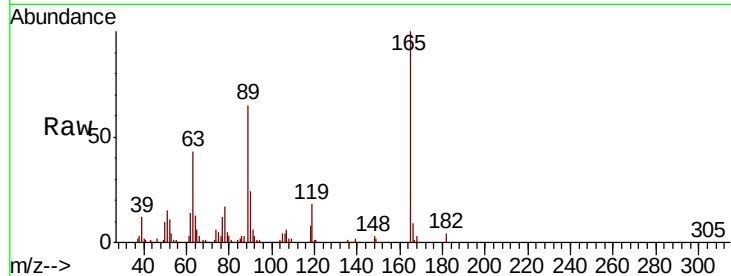
#57
2,4-Dinitrotoluene
Concen: 53.405 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99655		
63	42.7		37.4	56.0
89	65.5		50.9	76.3
182	3.6		2.3	3.5#

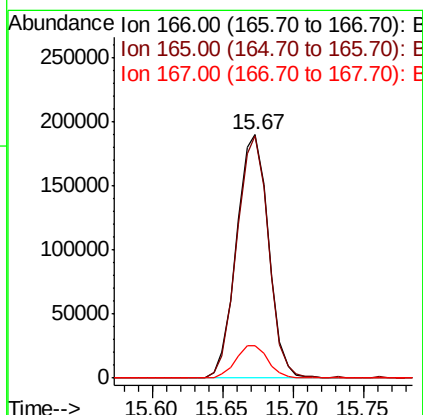
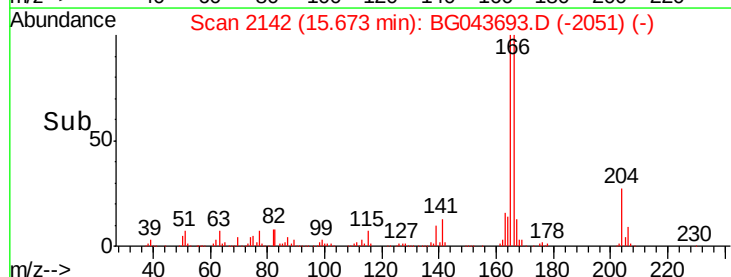
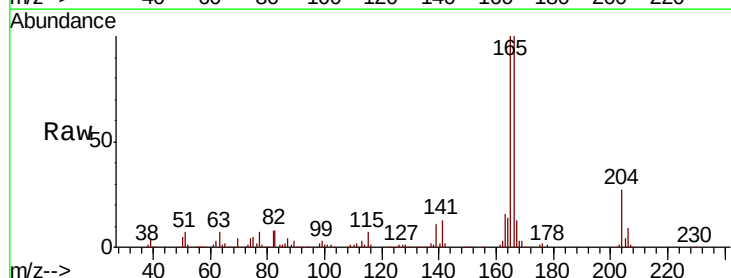
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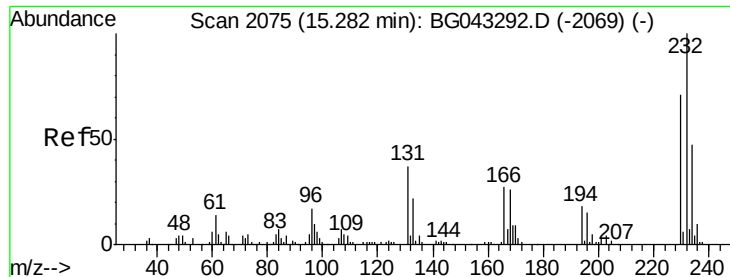
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#58
Fluorene
Concen: 52.000 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	301496		
165	99.7		78.4	117.6
167	13.1		11.2	16.8





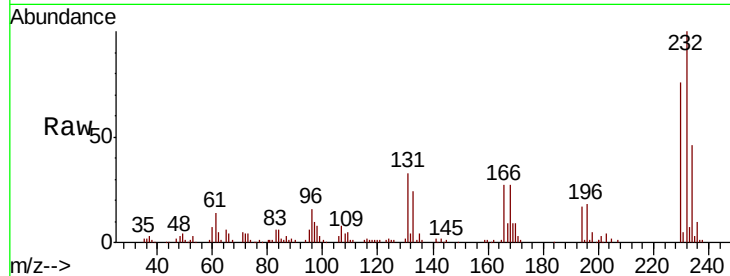
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.224 ng
RT: 15.26 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	37.5	29.6	44.4		
130	2.4	1.4	2.0		
166	28.4	21.2	31.8		

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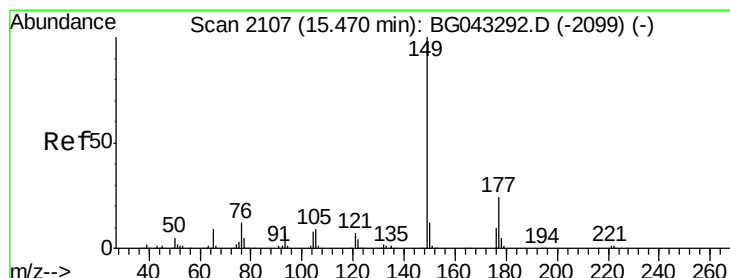
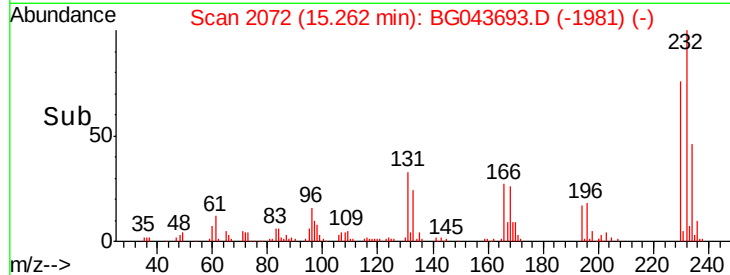
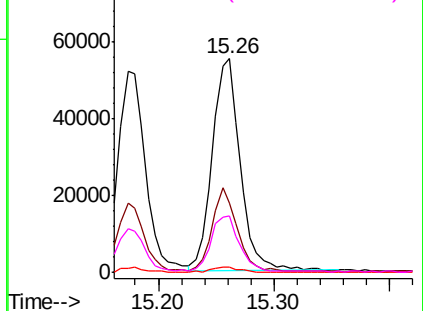
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

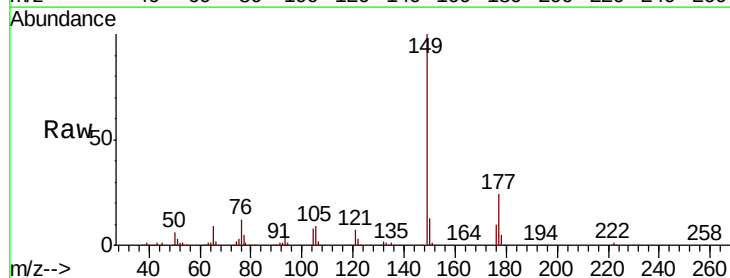
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.393 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.9	19.3	28.9		
150	12.9	10.5	15.7		

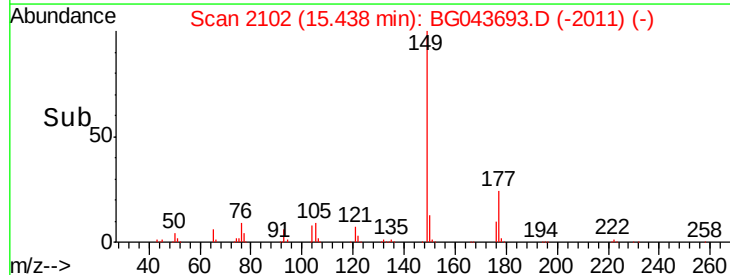
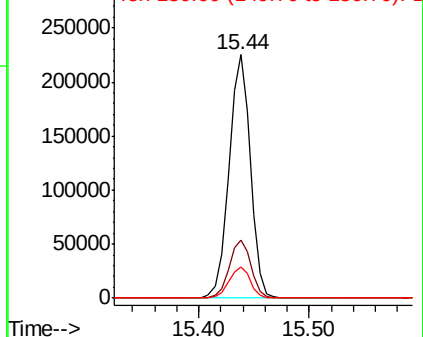


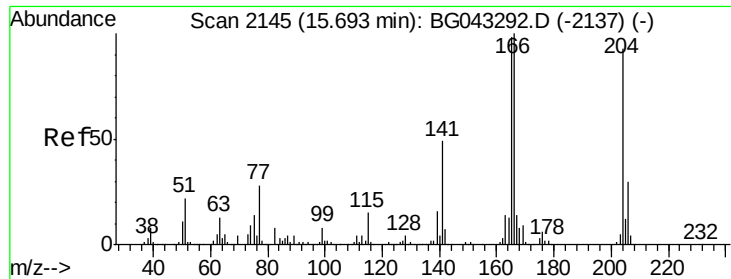
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





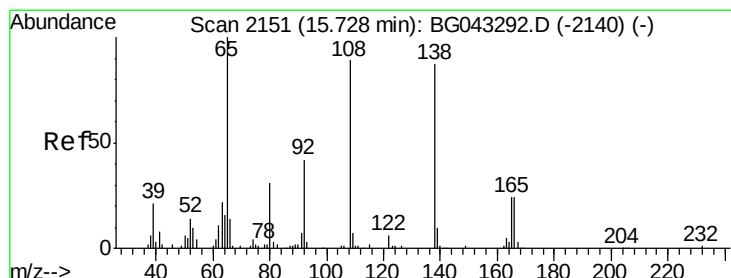
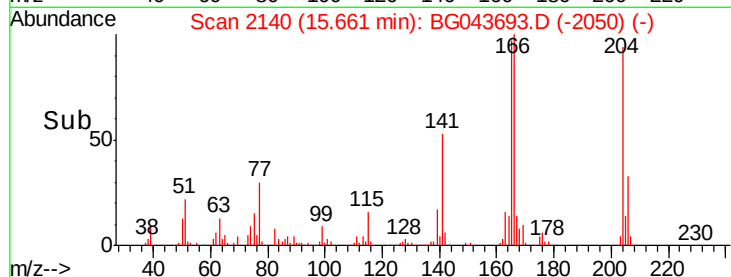
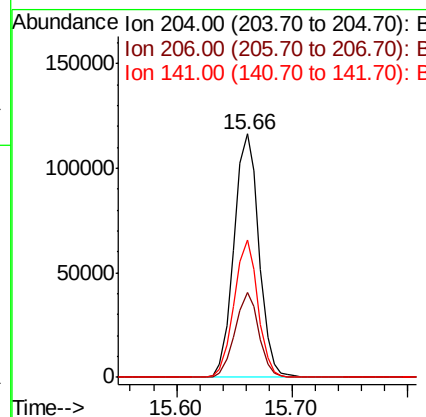
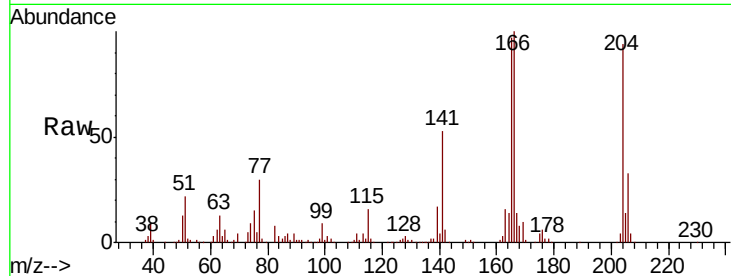
#61
 4-Chlorophenyl-phenylether
 Concen: 51.468 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.2	42.4
141	56.6	44.5	66.7

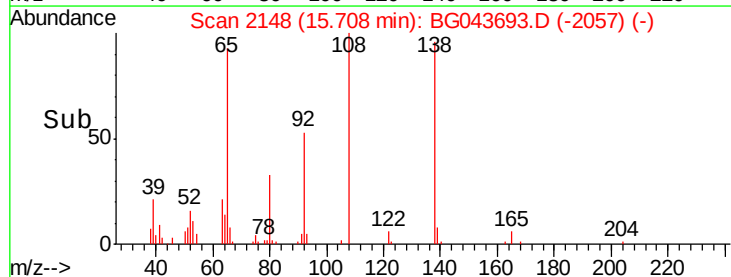
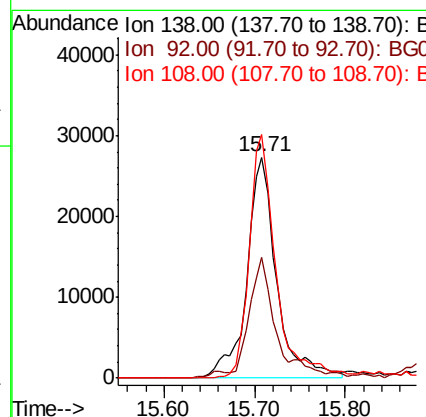
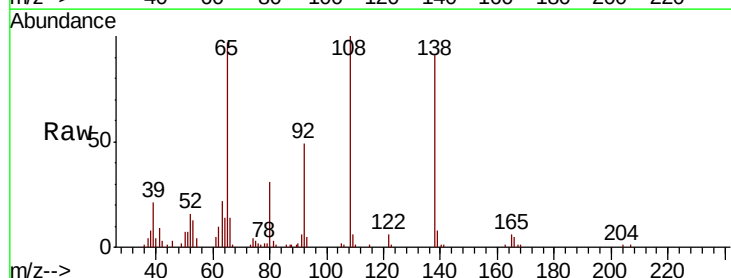
Manual Integrations
 APPROVED

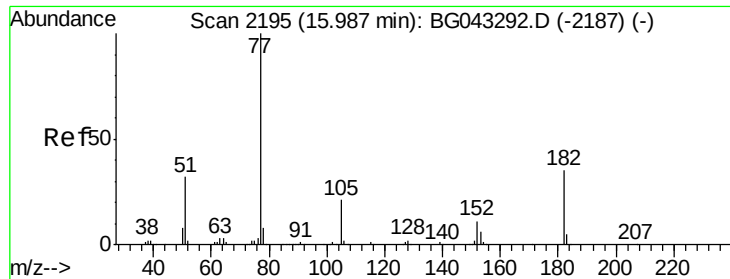
mohammad
 11/21/2019 9:04:05 AM



#62
 4-Nitroaniline
 Concen: 47.754 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	31.0	71.0
108	110.1	85.0	125.0





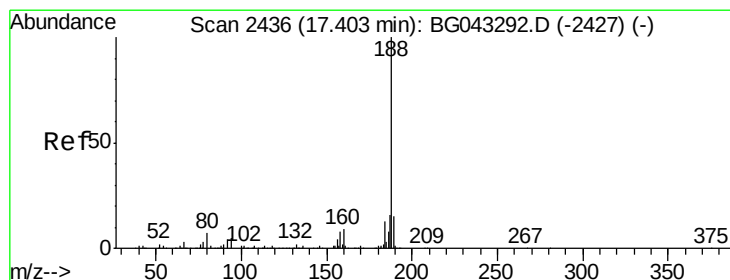
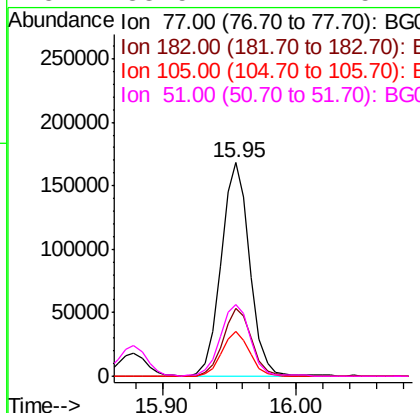
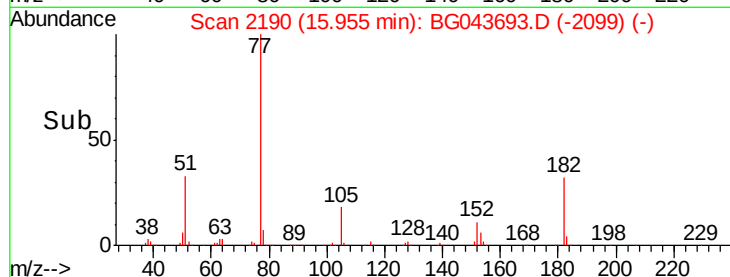
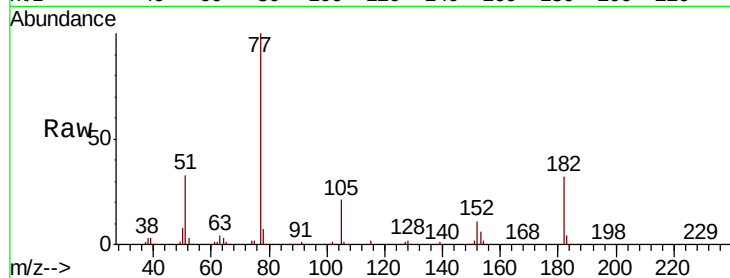
#63
Azobenzene
Concen: 51.473 ng
RT: 15.95 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	11.2	51.2
105	20.8	1.5	41.5
51	33.5	14.7	54.7

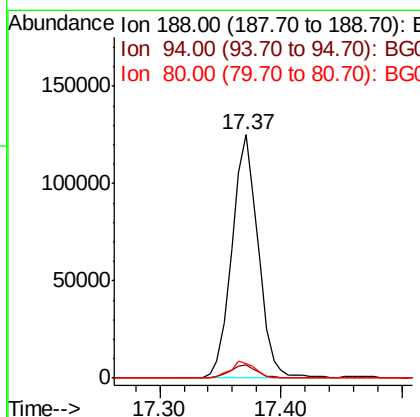
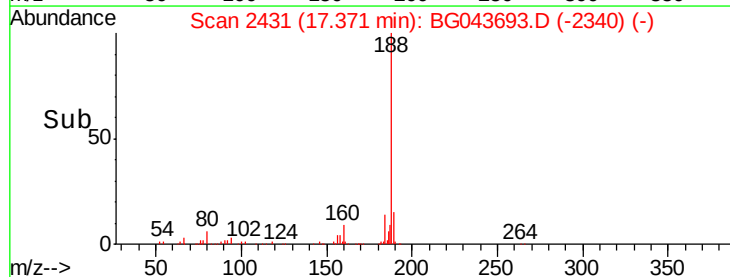
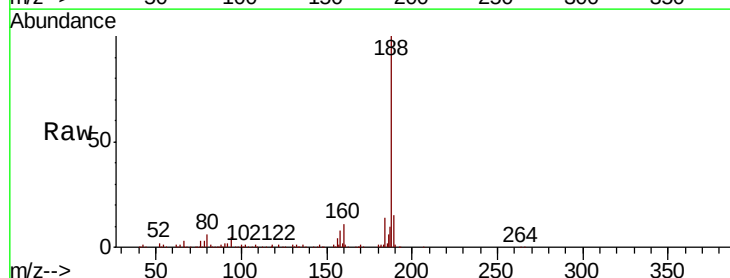
Manual Integrations
APPROVED

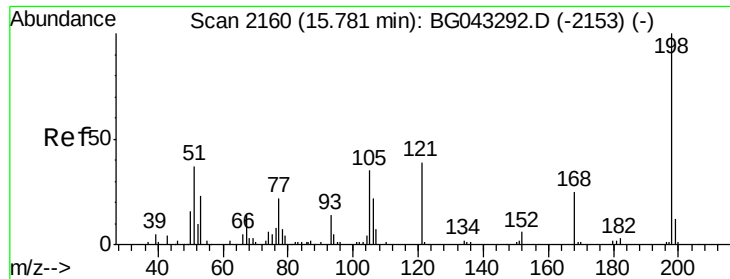
mohammad
11/21/2019 9:04:05 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	6.2	5.2	7.8





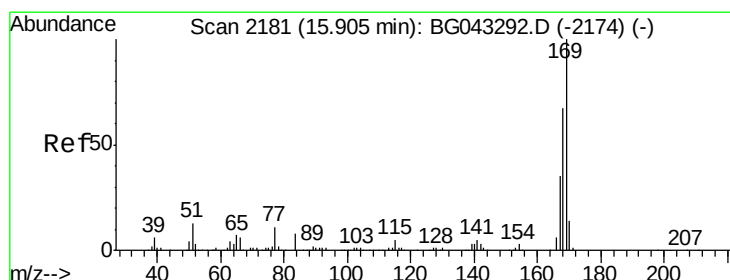
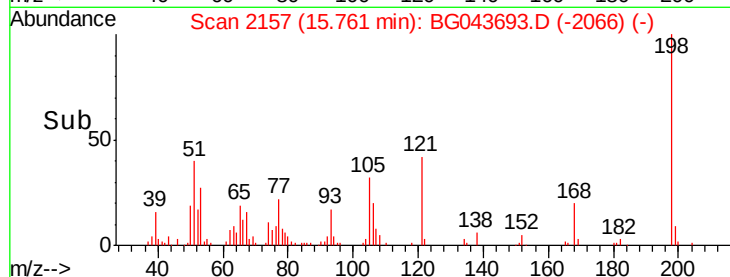
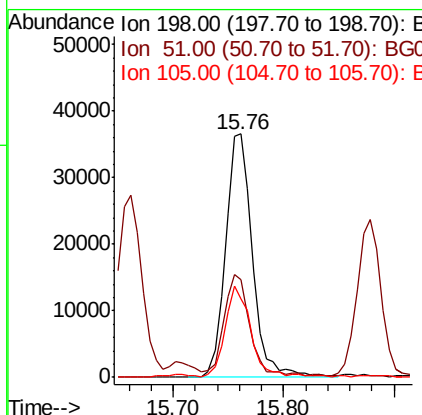
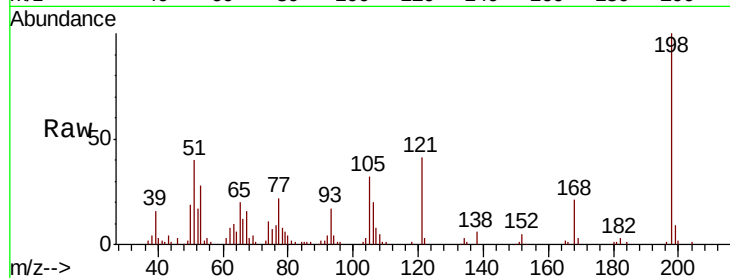
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.574 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	62306		
51	40.0		17.3	57.3
105	32.1		13.9	53.9

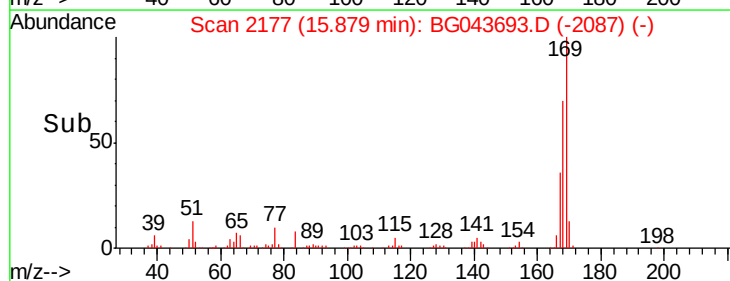
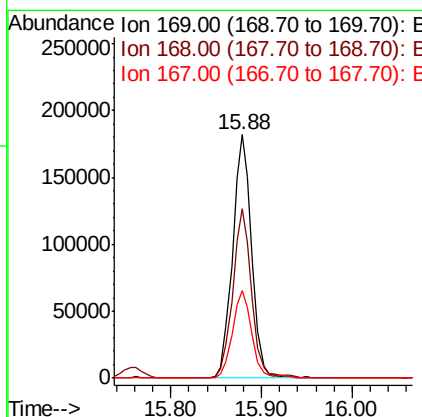
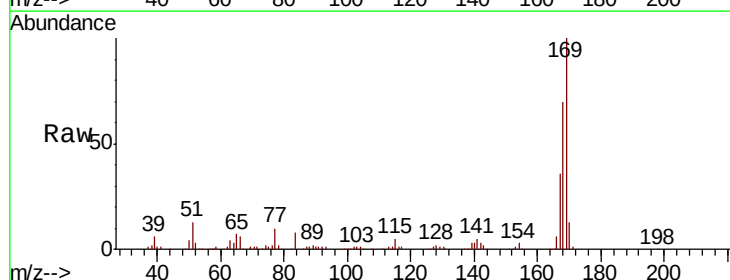
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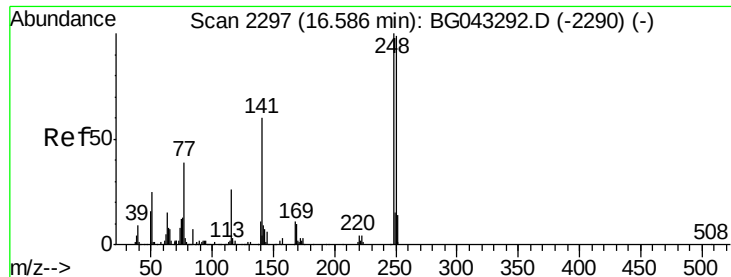
mohammad
 11/21/2019 9:04:05 AM



#66
 n-Nitrosodiphenylamine
 Concen: 49.553 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	266517		
168	69.7		56.2	84.4
167	35.9		29.8	44.8





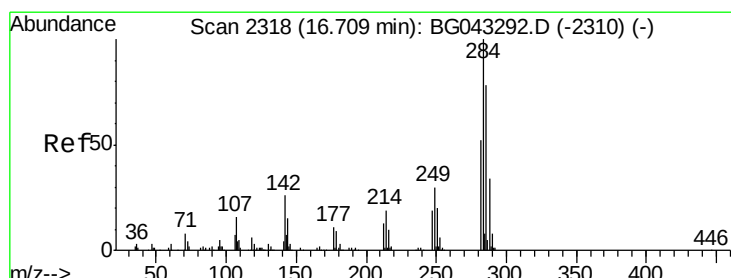
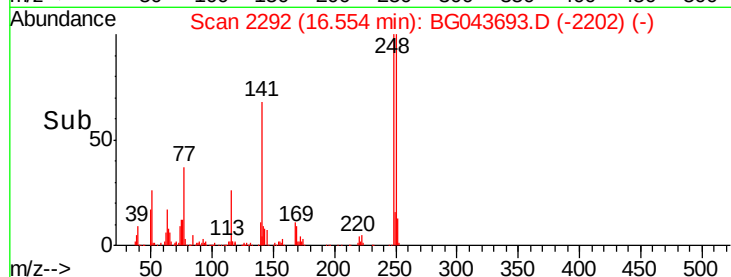
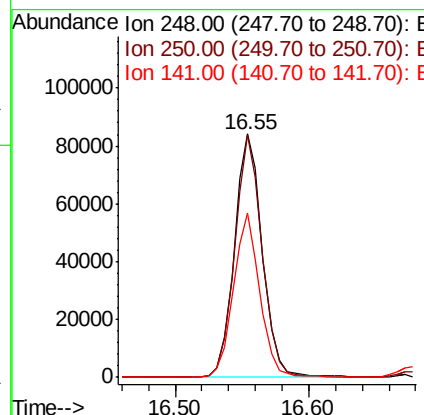
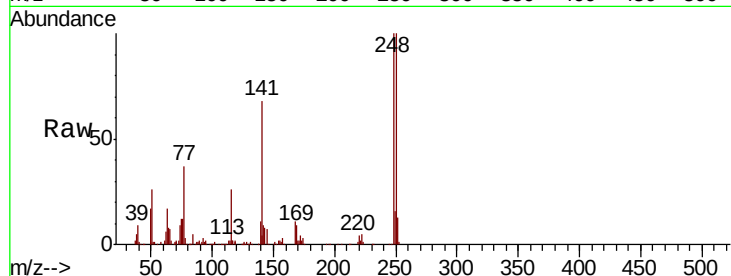
#67
4-Bromophenyl-phenylether
Concen: 47.610 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.3	114.5
141	67.7	49.5	74.3

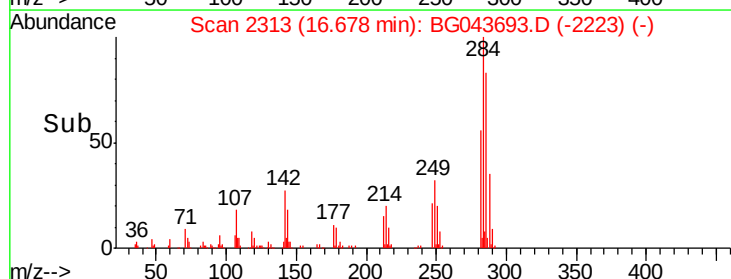
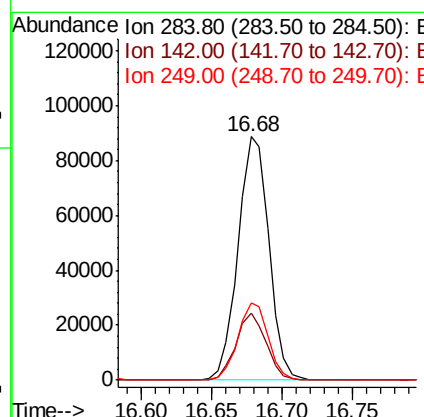
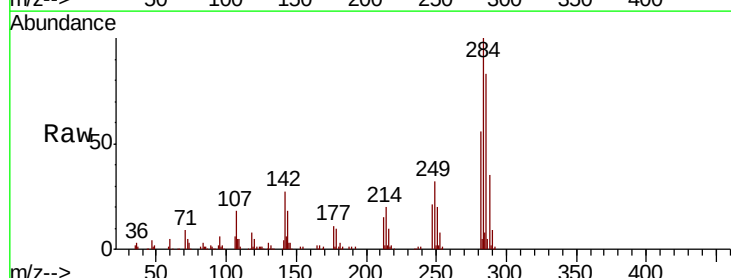
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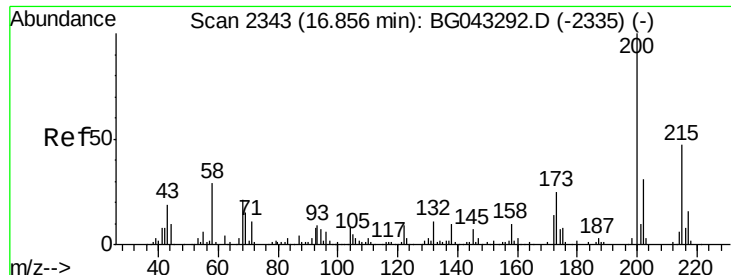
mohammad
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#68
Hexachlorobenzene
Concen: 45.936 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.2	34.8
249	31.7	27.0	40.4





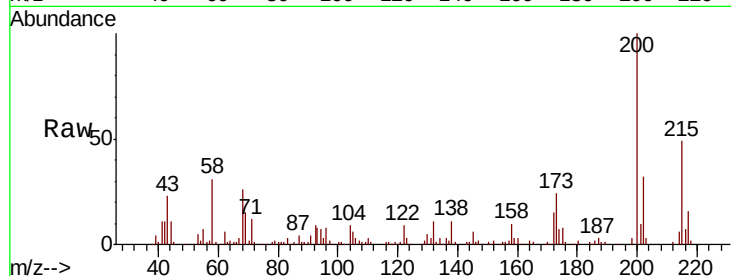
#69
Atrazine
Concen: 60.573 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleID :
PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	113204		
173	24.2	5.1	45.1	
215	49.1	29.8	69.8	

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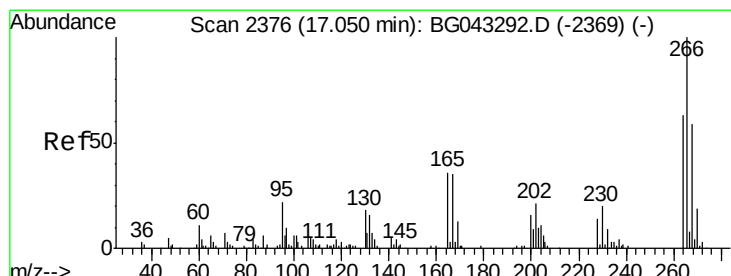
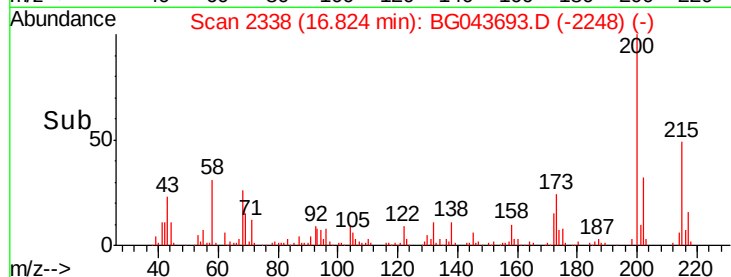
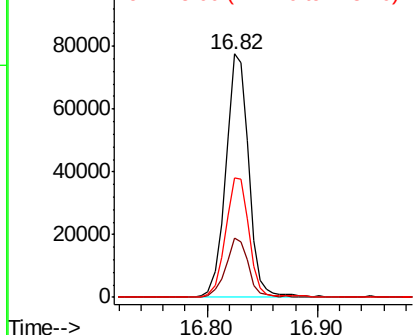


Abundance

Ion 200.00 (199.70 to 200.70): E

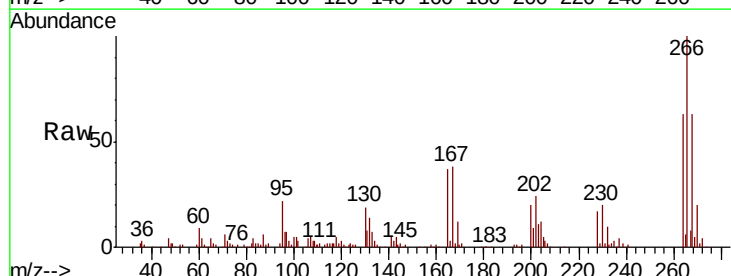
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.745 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124368		
268	63.3	53.2	79.8	
264	62.9	48.9	73.3	

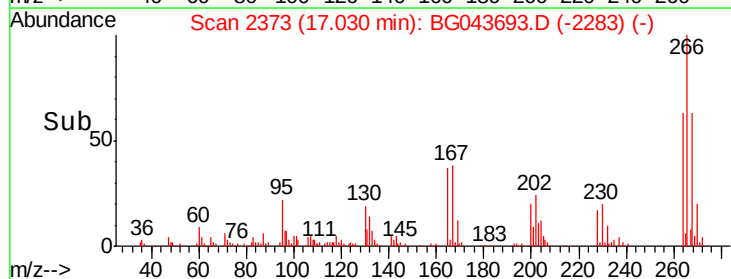
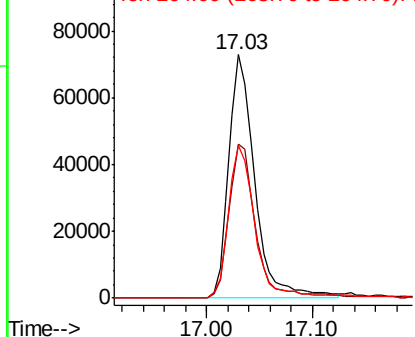


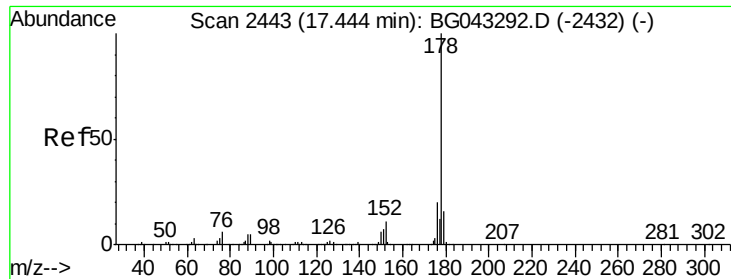
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





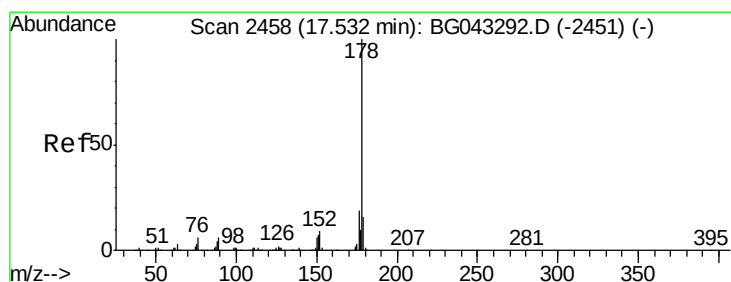
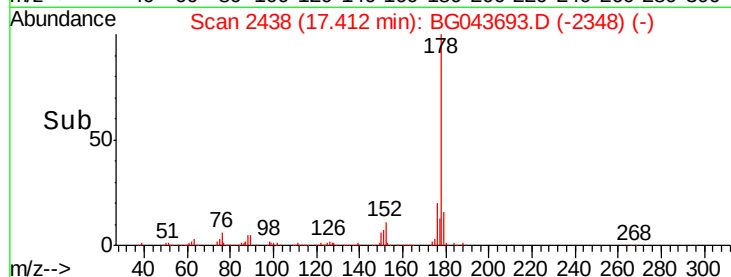
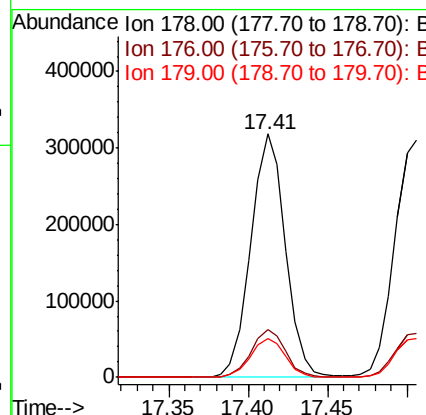
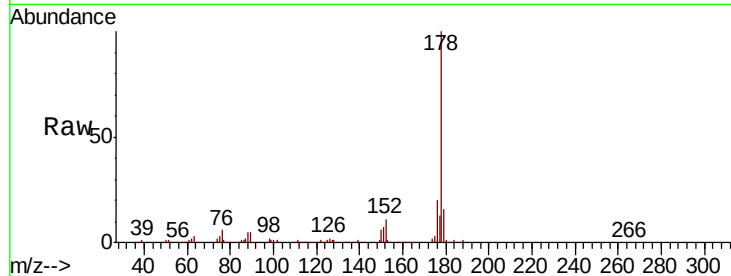
#71
Phenanthrene
Concen: 49.653 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	15.8	13.0	19.4

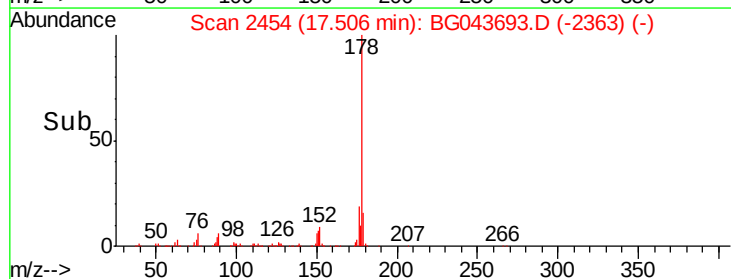
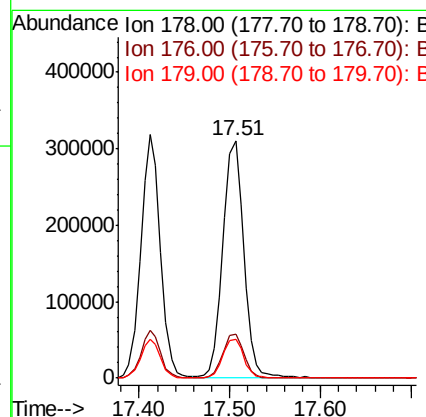
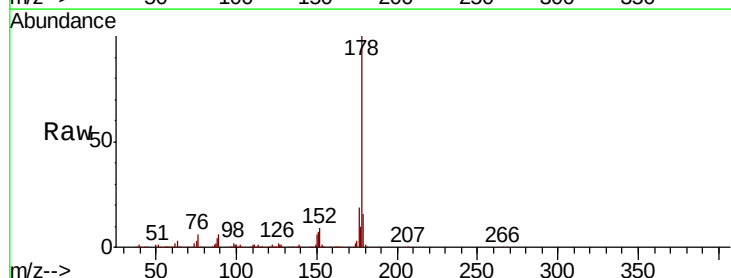
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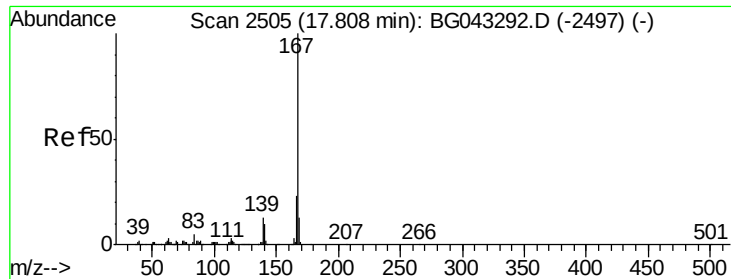
mohammad
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#72
Anthracene
Concen: 51.167 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	16.1	13.3	19.9





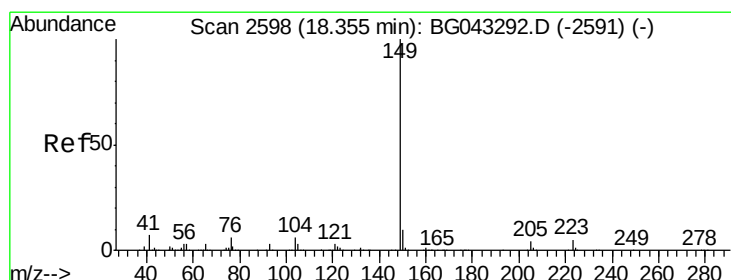
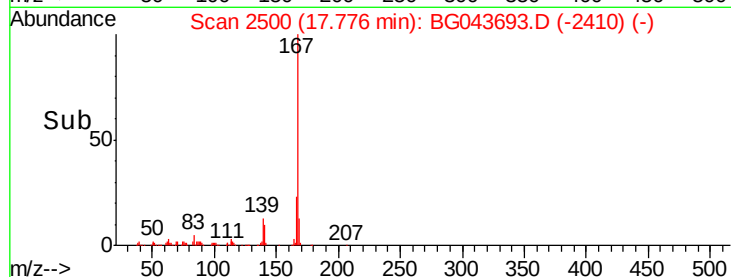
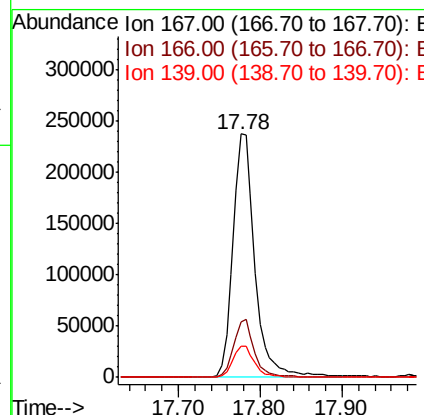
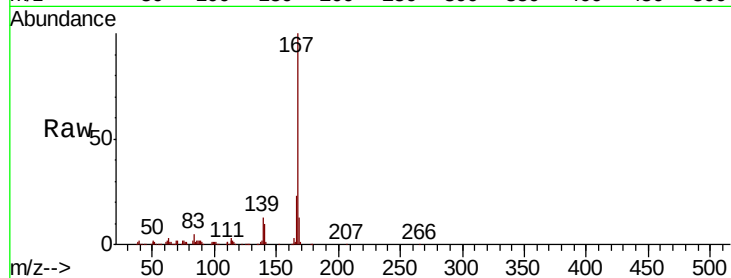
#73
 Carbazole
 Concen: 50.352 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleId :
 PB124907BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.0	10.3	15.5

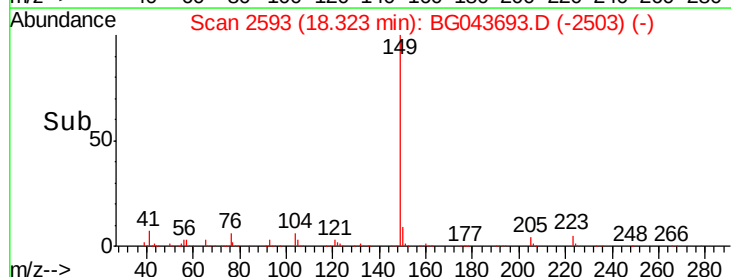
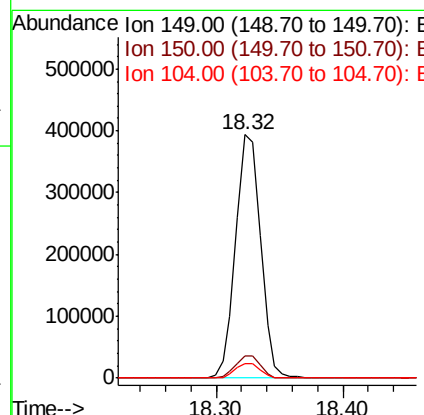
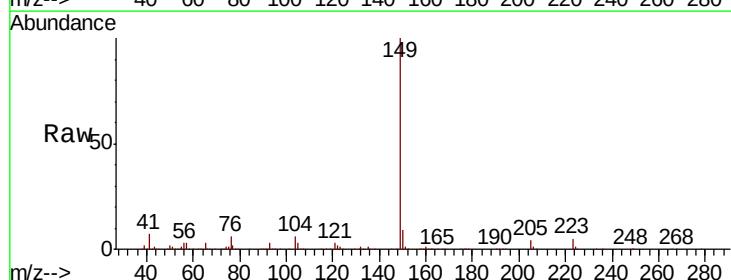
Manual Integrations
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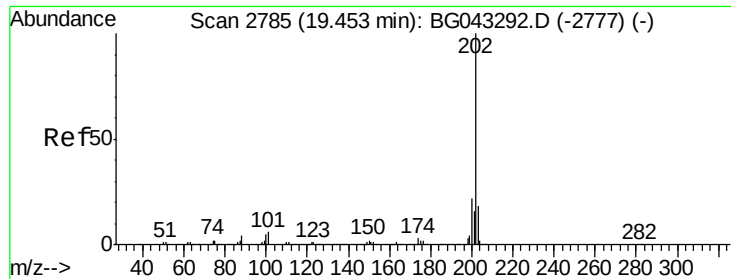
mohammad
 11/21/2019 9:04:05 AM



#74
 Di-n-butylphthalate
 Concen: 49.997 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 50.999 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

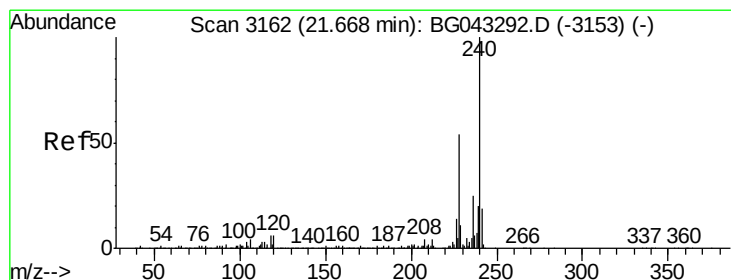
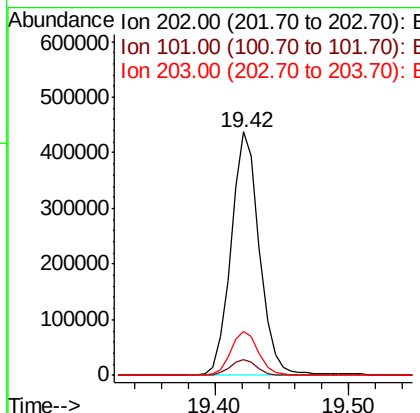
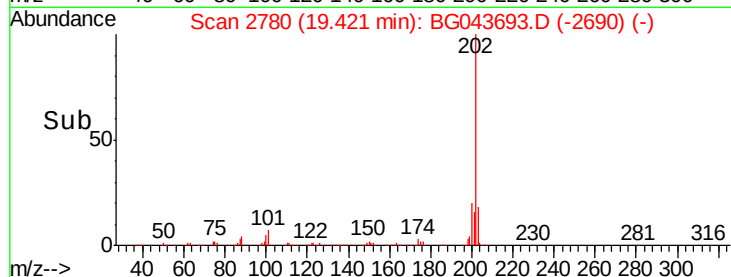
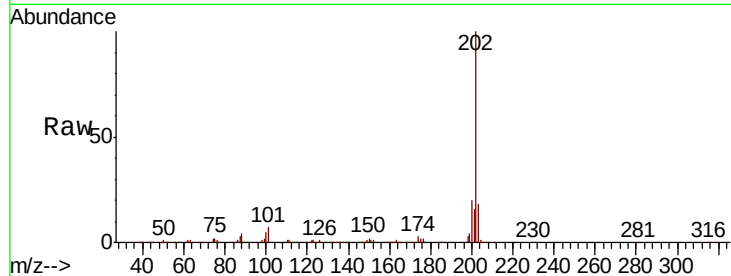
ClientSampleId :

PB124907BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	648599		
101	6.7	0.0	25.6	
203	17.9	0.0	37.6	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

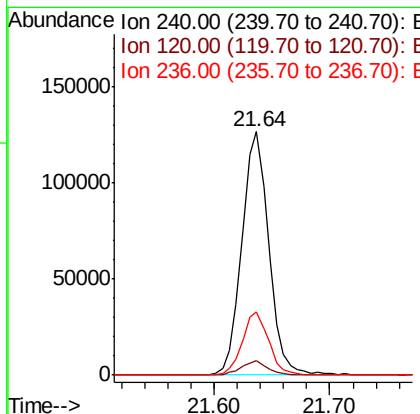
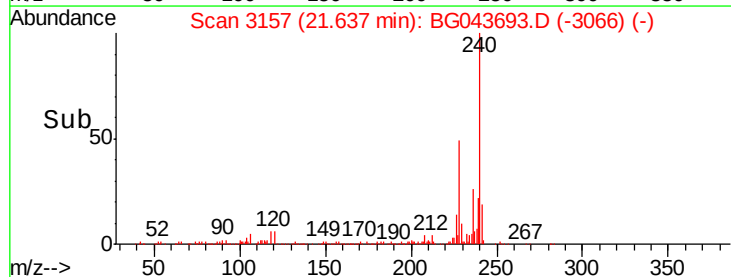
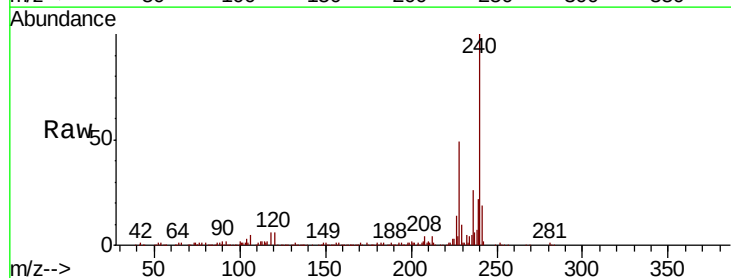
RT: 21.64 min Scan# 3157

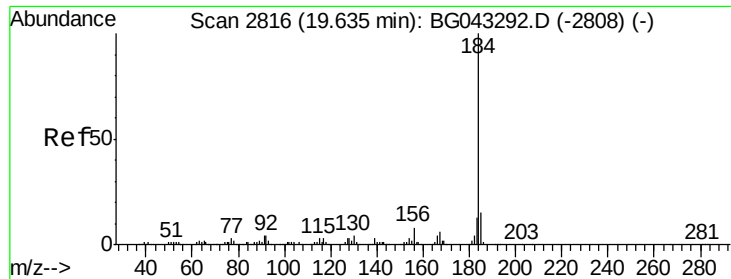
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	205058		
120	5.9	4.9	7.3	
236	26.2	21.4	32.0	





#77

Benzidine

Concen: 13.005 ng/mL

RT: 19.63 min Scan# 2815

Delta R.T. 0.02 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

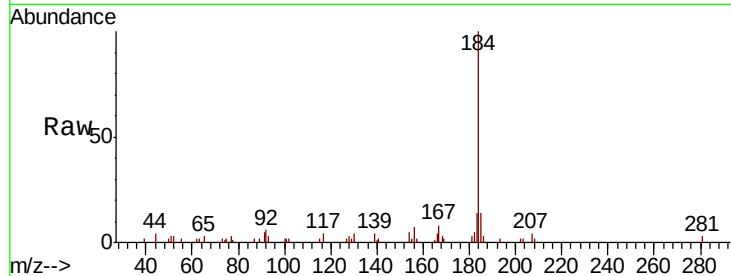
ClientSampleId :

PB124907BS

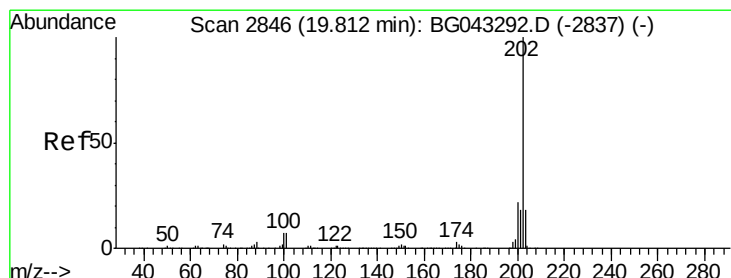
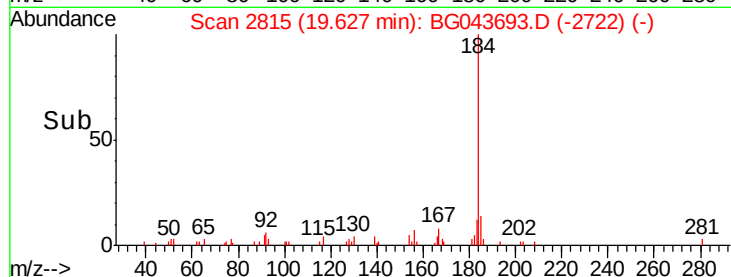
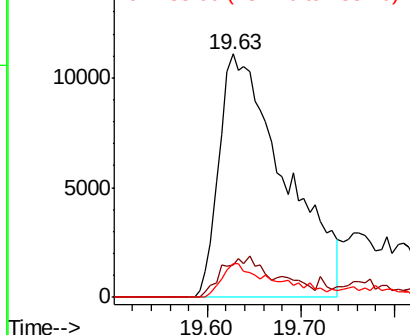
Tot Ion:	184	Resp:	53671
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.7	19.1
183	13.7	8.8	13.2

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



#78

Pyrene

Concen: 51.713 ng/mL

RT: 19.79 min Scan# 2842

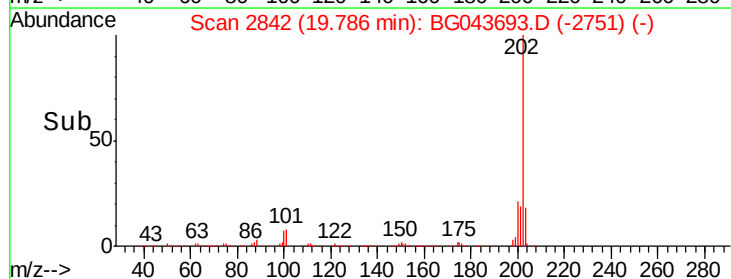
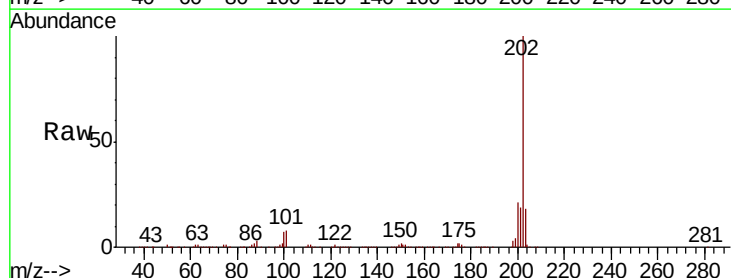
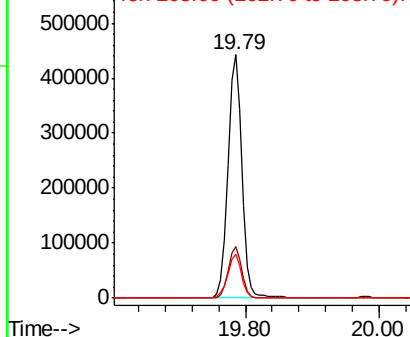
Delta R.T. 0.00 min

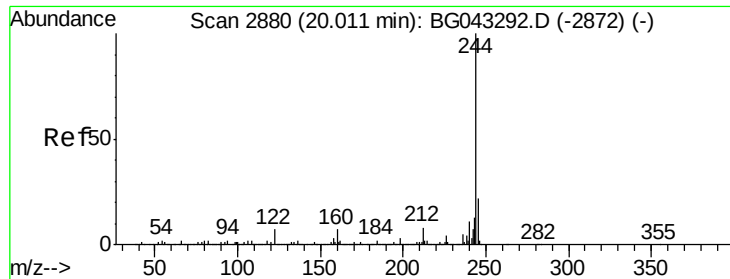
Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	202	Resp:	656390
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	18.2	14.8	22.2

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





#79

Terphenyl-d14

Concen: 98.739 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

ClientSampleId :

PB124907BS

Tot Ion:244 Resp: 1079243

Ion Ratio Lower Upper

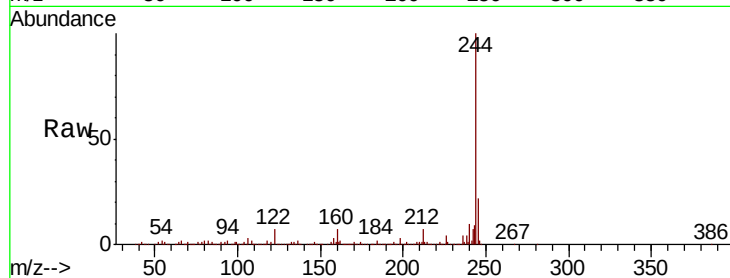
244 100

212 7.2 5.6 8.4

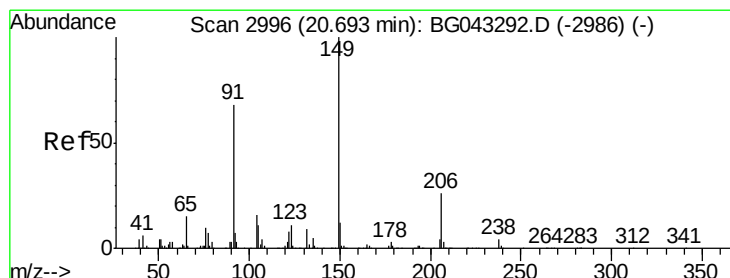
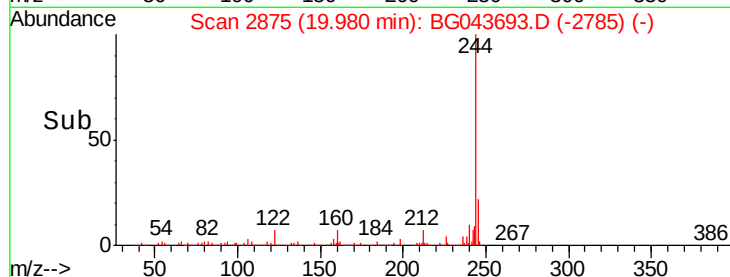
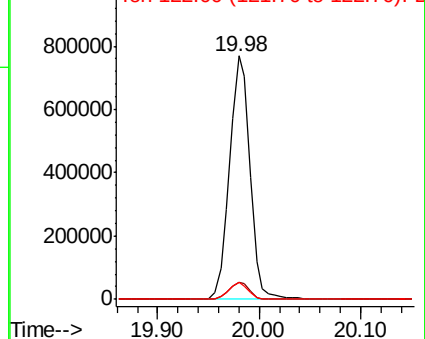
122 7.0 5.2 7.8

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



#80

Butylbenzylphthalate

Concen: 50.699 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

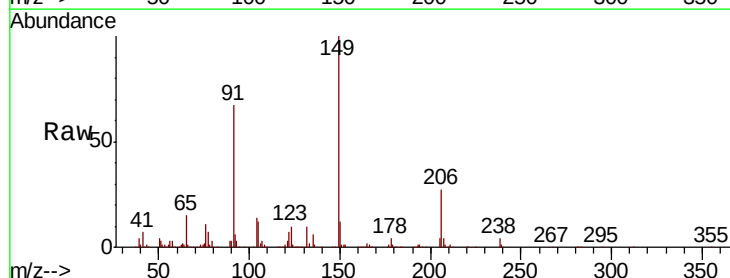
Tgt Ion:149 Resp: 243802

Ion Ratio Lower Upper

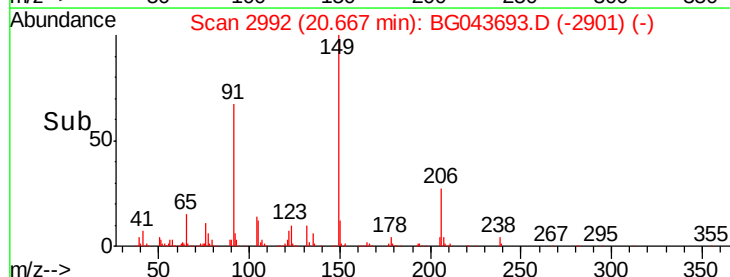
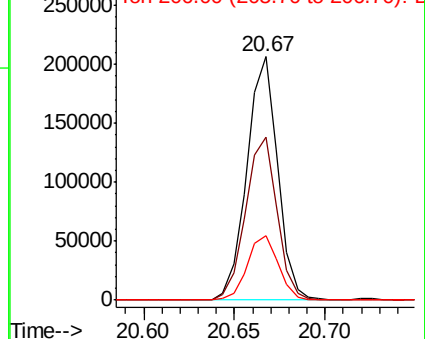
149 100

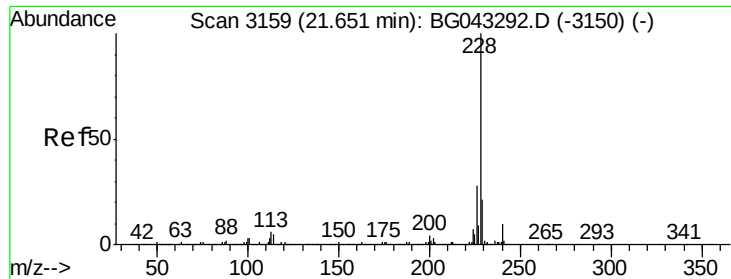
91 67.1 55.4 83.0

206 26.5 20.2 30.4



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





#81

Benzo(a)anthracene

Concen: 52.525 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

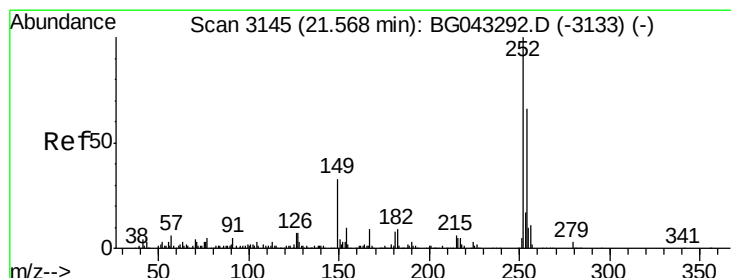
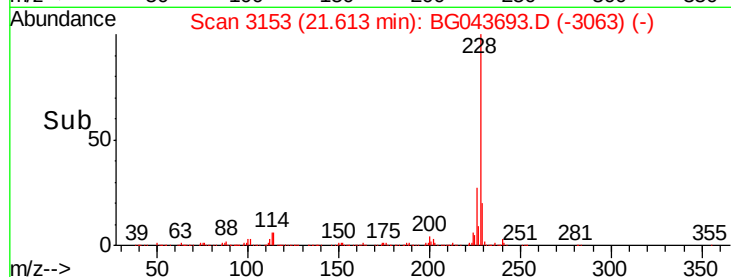
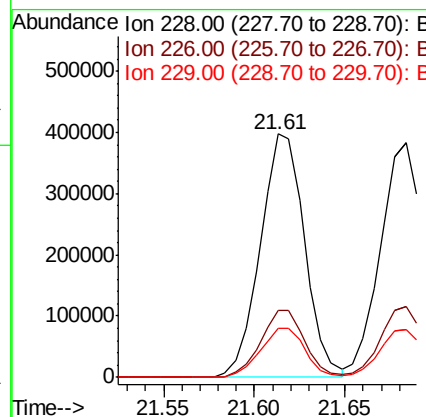
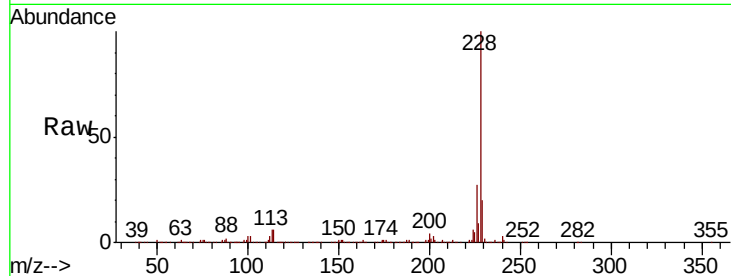
ClientSampleId :

PB124907BS

Tot Ion:	228	Resp:	674672
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.8	32.6
229	19.9	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 31.634 ng

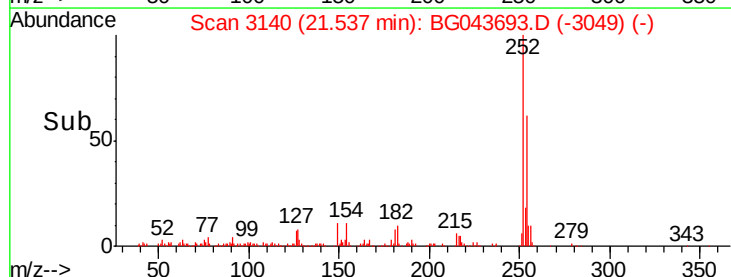
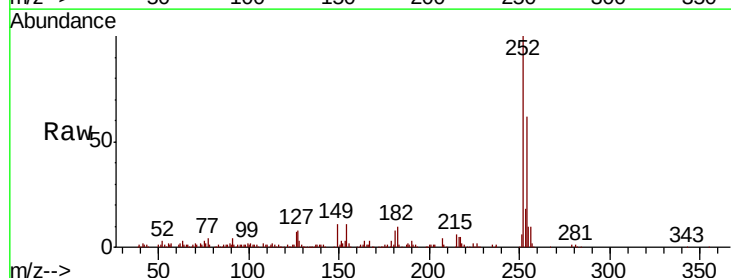
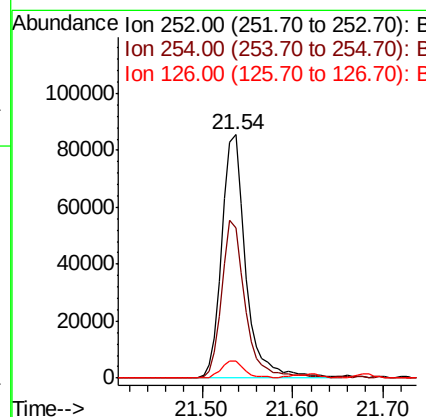
RT: 21.54 min Scan# 3140

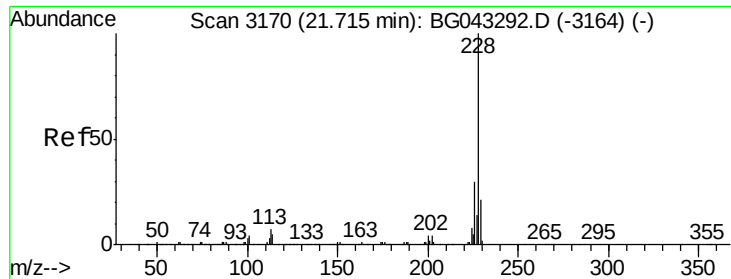
Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	252	Resp:	157158
Ion Ratio	Lower	Upper	
252	100		
254	61.9	50.2	75.4
126	6.9	5.4	8.0





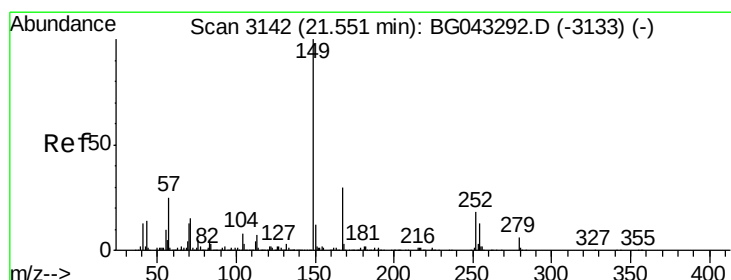
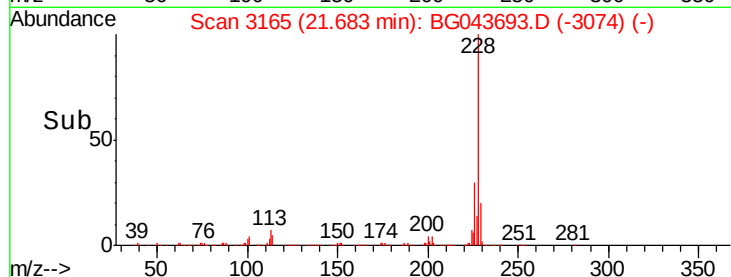
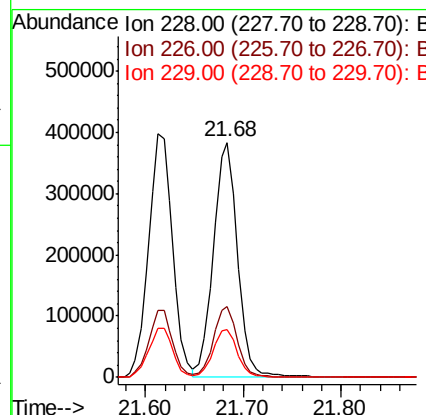
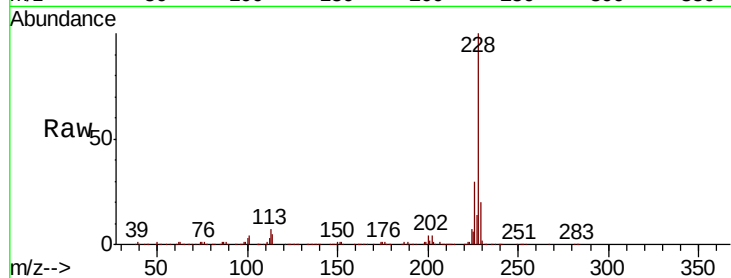
#83
 Chrysene
 Concen: 51.119 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Instrument :
 BNA_G
 ClientSampleID :
 PB124907BS

Tot Ion:	228	Resp:	652384
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.3	34.9
229	20.1	16.5	24.7

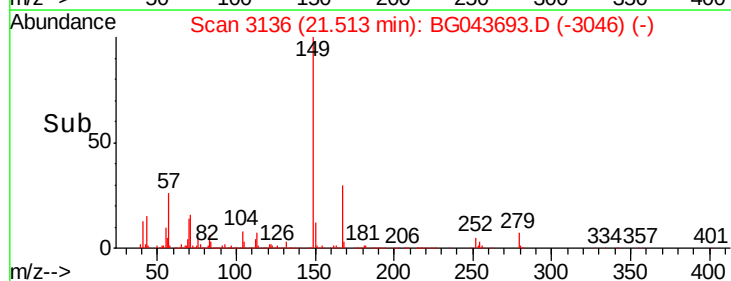
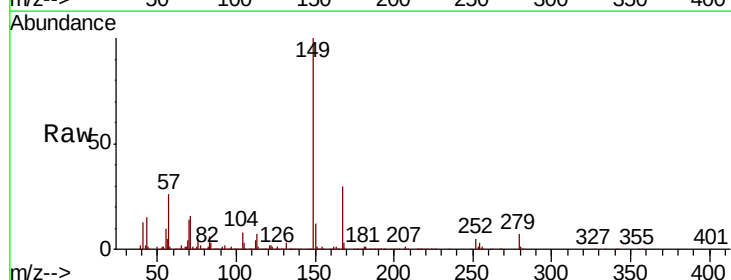
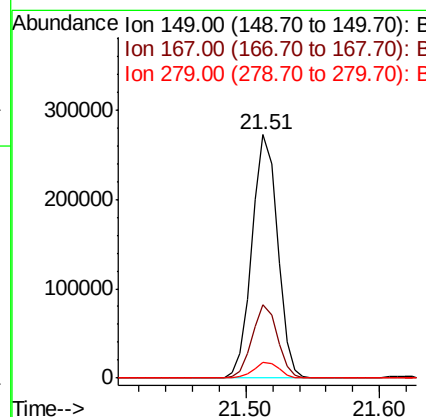
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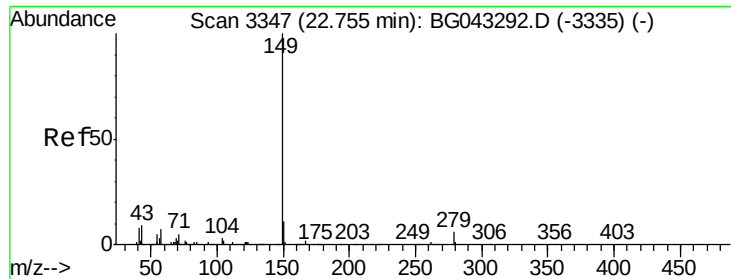
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.500 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043693.D
 Acq: 19 Nov 2019 11:47

Tgt Ion:	149	Resp:	358628
Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.8	37.2
279	6.6	5.4	8.0





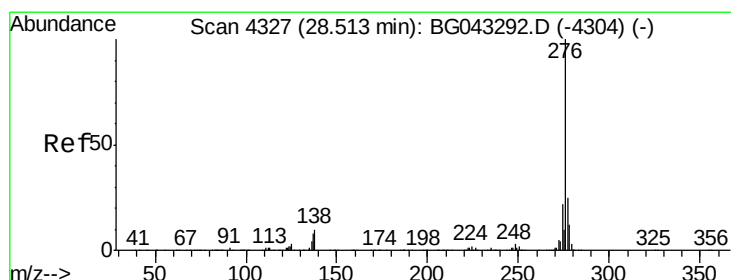
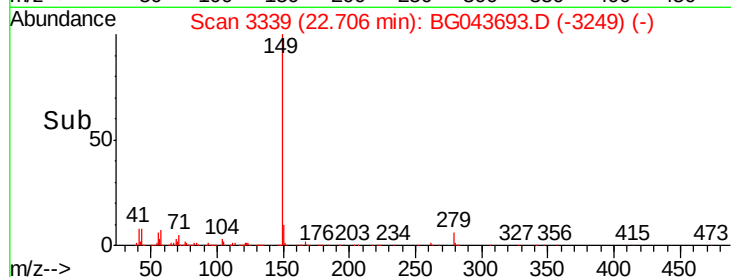
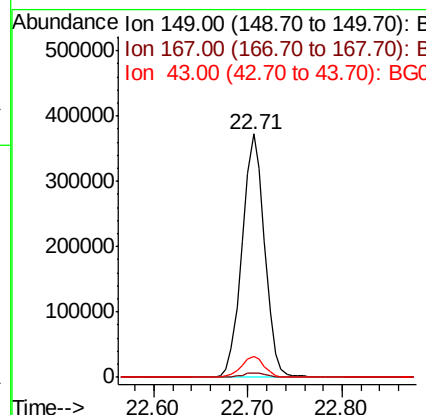
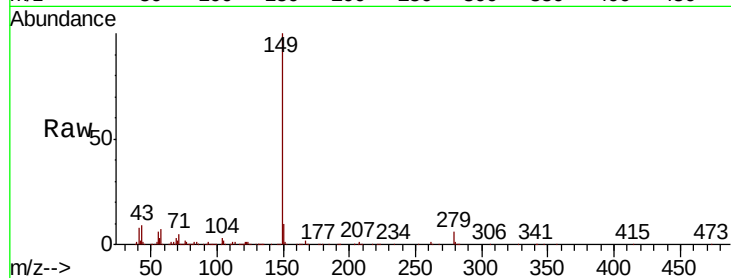
#85
Di-n-octyl phthalate
Concen: 53.214 ng
RT: 22.71 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.9	7.8	11.8

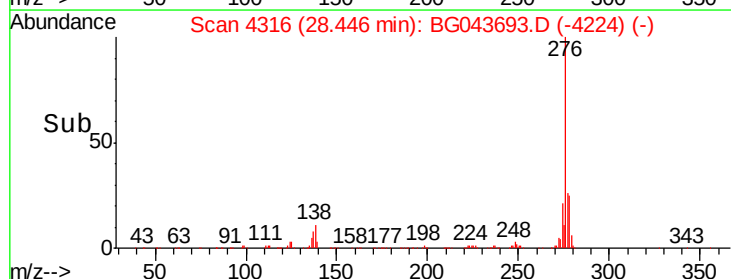
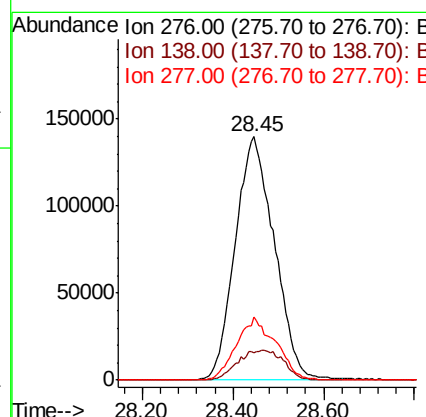
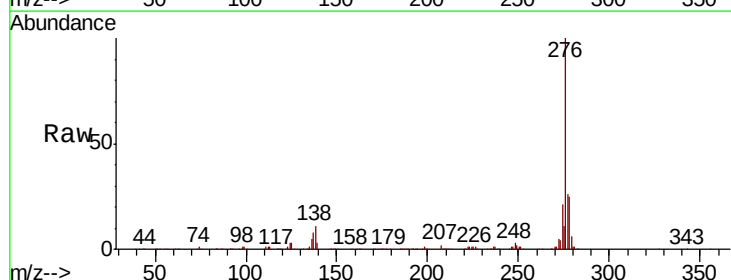
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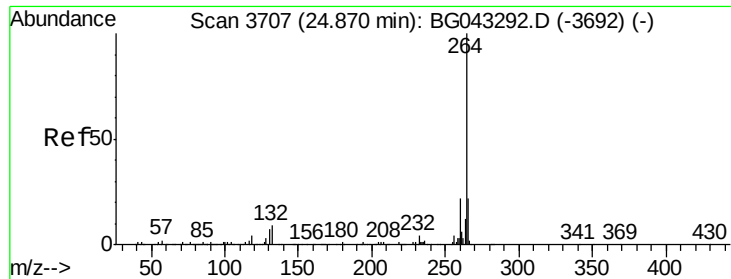
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.409 ng
RT: 28.45 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.7	11.3	16.9#
277	26.0	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3698

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Instrument :

BNA_G

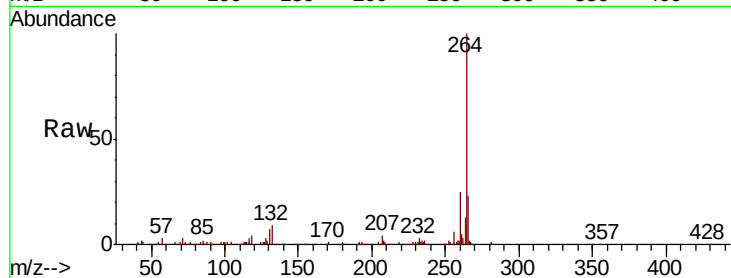
ClientSampleId :

PB124907BS

Tot Ion:	264	Resp:	238406
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.4	27.6
265	22.6	15.8	23.8

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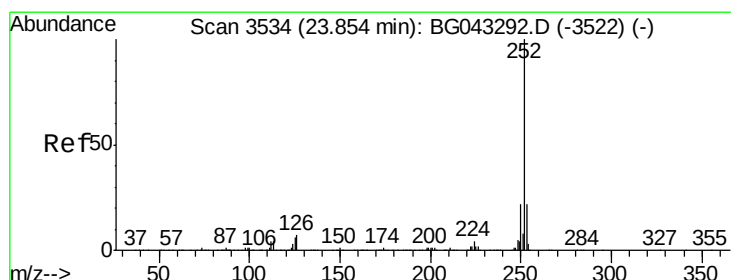
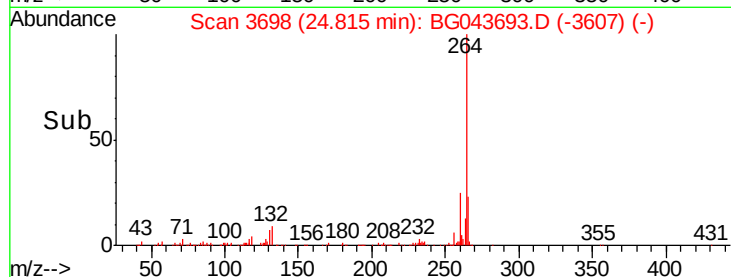
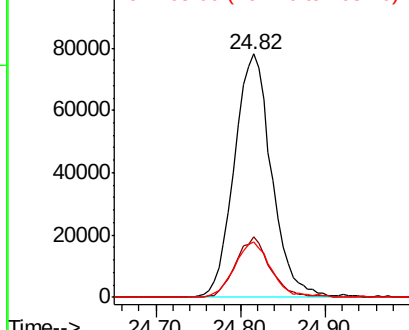


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.473 ng

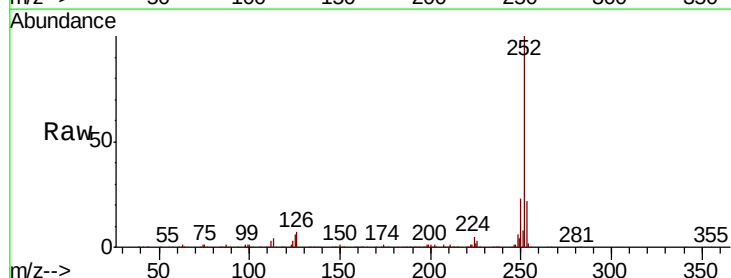
RT: 23.80 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BG043693.D

Acq: 19 Nov 2019 11:47

Tgt Ion:	252	Resp:	708525
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	5.5	4.5	6.7

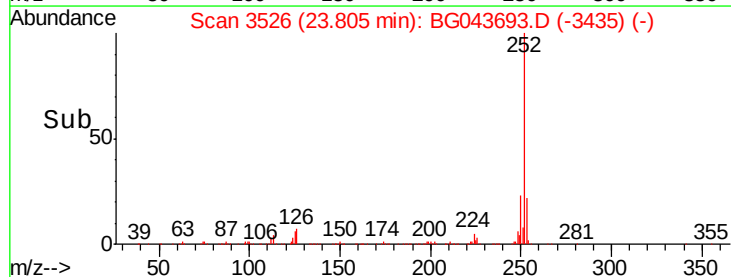
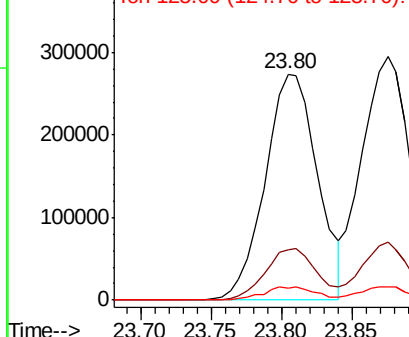


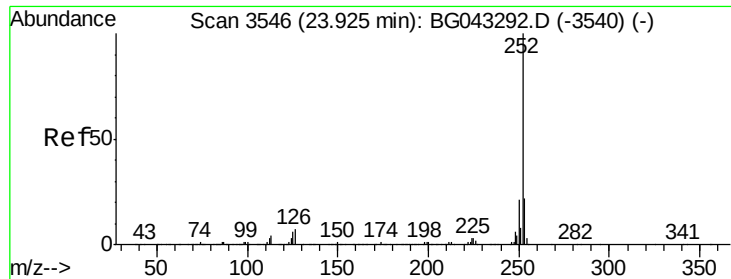
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





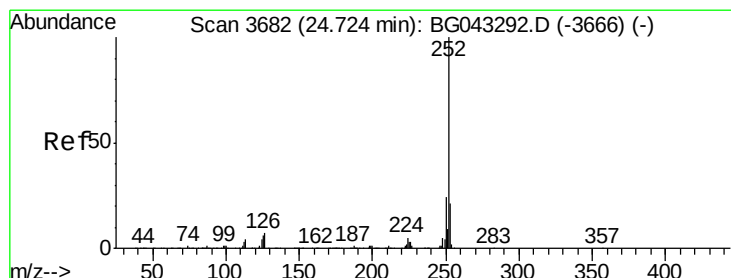
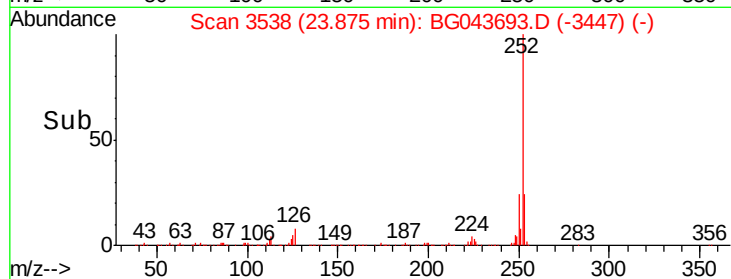
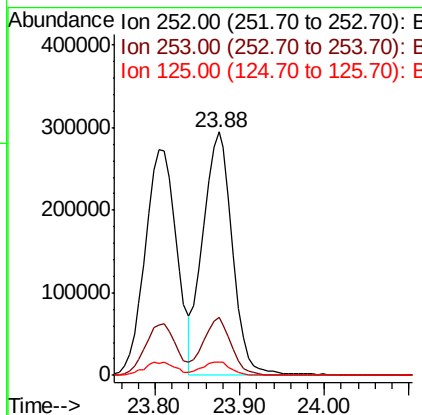
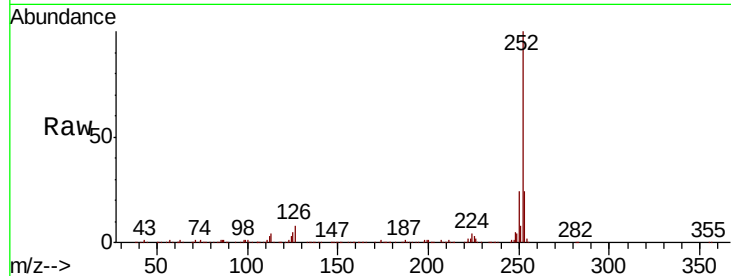
#89
Benzo(k)fluoranthene
Concen: 52.528 ng
RT: 23.88 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	5.5	4.7	7.1

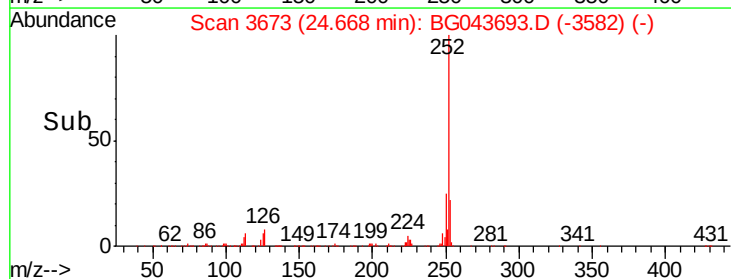
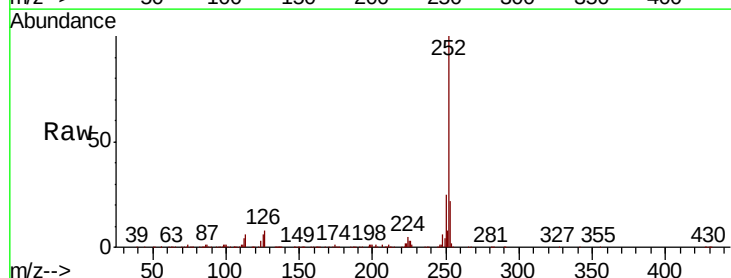
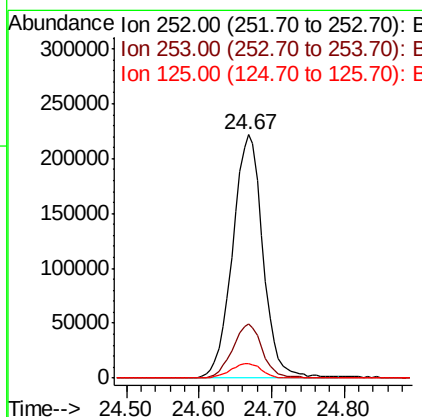
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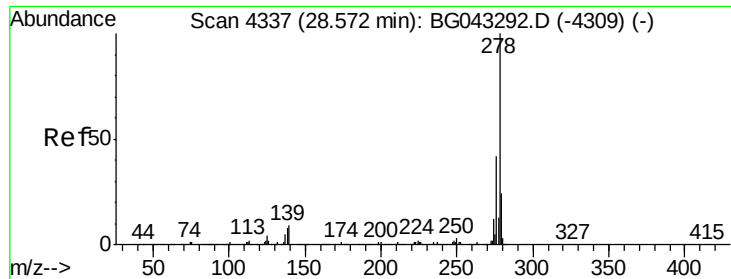
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#90
Benzo(a)pyrene
Concen: 49.745 ng
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	6.1	5.0	7.6





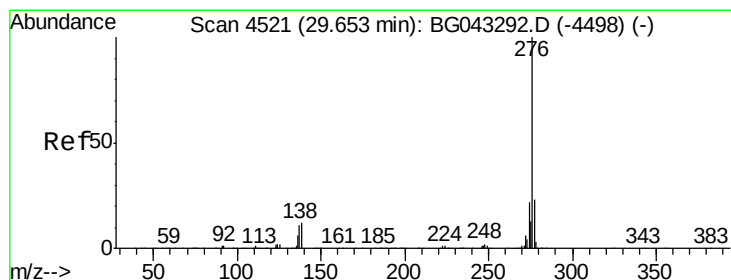
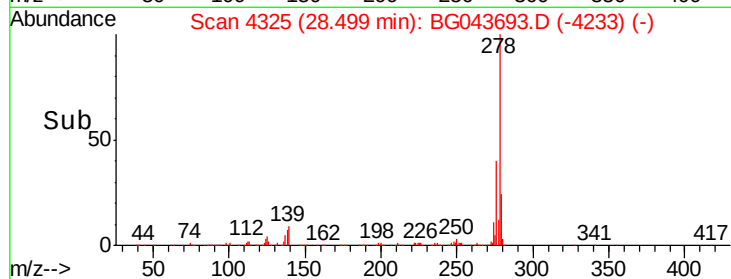
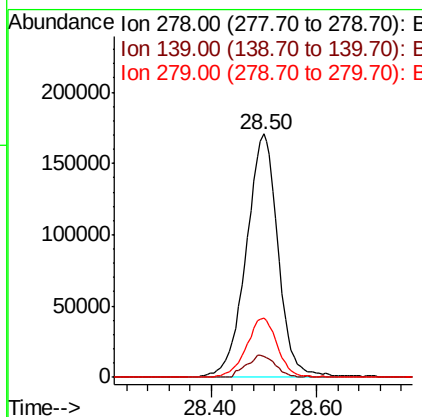
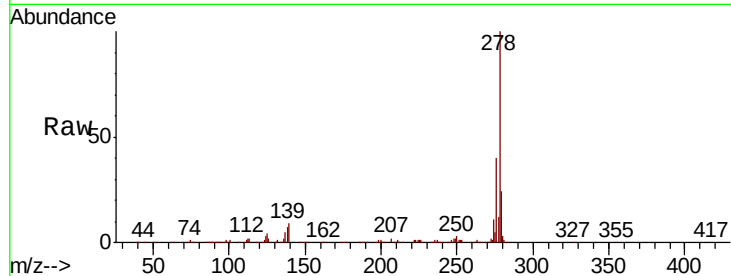
#91
Dibenzo(a,h)anthracene
Concen: 53.826 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.01 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.2	10.8
279	24.3	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 54.573 ng
RT: 29.58 min Scan# 4509
Delta R.T. 0.00 min
Lab File: BG043693.D
Acq: 19 Nov 2019 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	13.0	9.7	14.5

