

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043604.D
 Acq On : 12 Nov 2019 5:27
 Operator : JU
 Sample : PB124694BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Manual Integrations
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Quant Time: Nov 12 08:19:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33103	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	140050	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	107061	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	273129	20.00	ng	0.00
76) Chrysene-d12	21.65	240	220944	20.00	ng	0.00
87) Perylene-d12	24.83	264	252678	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	189692	105.01	ng	0.00
7) Phenol-d6	7.20	99	271553	104.48	ng	0.00
23) Nitrobenzene-d5	9.17	82	230306	84.78	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	180221	88.46	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	666530	86.03	ng	0.00
79) Terphenyl-d14	19.99	244	1299808	110.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	19650	27.913	ng	89
3) Pyridine	3.86	79	54642	30.770	ng	97
4) n-Nitrosodimethylamine	3.77	42	40777	45.506	ng	84
6) Aniline	7.33	93	115034	38.420	ng	97
8) 2-Chlorophenol	7.58	128	102261	51.280	ng	95
9) Benzaldehyde	7.14	77	47413	37.119	ng	91
10) Phenol	7.23	94	125825	52.978	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	82141	44.733	ng	97
12) 1,3-Dichlorobenzene	7.89	146	99545	39.842	ng	100
13) 1,4-Dichlorobenzene	8.03	146	105391	41.691	ng	96
14) 1,2-Dichlorobenzene	8.36	146	100765	40.825	ng	95
15) Benzyl Alcohol	8.25	79	93768	51.369	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	109463	40.997	ng	98
17) 2-Methylphenol	8.47	107	90057	52.014	ng	94
18) Hexachloroethane	9.08	117	36249	39.745	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	76259	45.406	ng	93
20) 3+4-Methylphenols	8.80	107	120663	50.822	ng	96
22) Acetophenone	8.82	105	149307	41.630	ng	# 95
24) Nitrobenzene	9.20	77	113728	43.948	ng	# 96
25) Isophorone	9.73	82	217968	43.887	ng	99
26) 2-Nitrophenol	9.92	139	59843	47.899	ng	95
27) 2,4-Dimethylphenol	9.99	122	98359	54.929	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	119671	43.657	ng	99
29) 2,4-Dichlorophenol	10.47	162	114694	49.990	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	118881	41.111	ng	98
31) Naphthalene	10.85	128	316000	44.452	ng	98
32) Benzoic acid	10.20	122	56981	42.867	ng	95
33) 4-Chloroaniline	10.98	127	79479	27.275	ng	99
34) Hexachlorobutadiene	11.14	225	81018	37.901	ng	95
35) Caprolactam	11.75	113	38346m	48.529	ng	
36) 4-Chloro-3-methylphenol	12.12	107	130537	52.160	ng	99
37) 2-Methylnaphthalene	12.46	142	246988	45.281	ng	100
38) 1-Methylnaphthalene	12.68	142	234165	45.120	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	157070	39.642	ng	99

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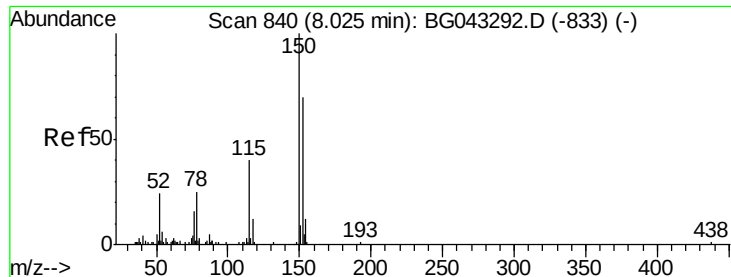
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	175625	84.380	ng	96
43) 2,4,6-Trichlorophenol	13.08	196	107038	45.873	ng	96
44) 2,4,5-Trichlorophenol	13.16	196	115793	49.086	ng	97
46) 1,1'-Biphenyl	13.47	154	343644	42.193	ng	99
47) 2-Chloronaphthalene	13.51	162	262452	42.351	ng	98
48) 2-Nitroaniline	13.72	65	85664	46.251	ng	98
49) Acenaphthylene	14.36	152	442736	45.904	ng	99
50) Dimethylphthalate	14.09	163	368410	44.426	ng	98
51) 2,6-Dinitrotoluene	14.21	165	85574	47.500	ng	98
52) Acenaphthene	14.70	154	260609	44.309	ng	94
53) 3-Nitroaniline	14.55	138	58759	33.782	ng	99
54) 2,4-Dinitrophenol	14.76	184	95792	84.681	ng	98
55) Dibenzofuran	15.03	168	434702	45.575	ng	99
56) 4-Nitrophenol	14.90	139	124215	106.567	ng	92
57) 2,4-Dinitrotoluene	15.00	165	121181	47.067	ng	# 98
58) Fluorene	15.68	166	366420	45.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	118926	47.451	ng	97
60) Diethylphthalate	15.45	149	374583	44.956	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	210497	45.105	ng	99
62) 4-Nitroaniline	15.72	138	84946	47.289	ng	95
63) Azobenzene	15.97	77	314941	46.703	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	76297	47.467	ng	92
66) n-Nitrosodiphenylamine	15.89	169	334828	43.421	ng	96
67) 4-Bromophenyl-phenylether	16.57	248	152481	41.483	ng	95
68) Hexachlorobenzene	16.69	284	169892	40.266	ng	96
69) Atrazine	16.84	200	149537	55.809	ng	98
70) Pentachlorophenol	17.04	266	169777	88.308	ng	98
71) Phenanthrene	17.42	178	604989	43.256	ng	99
72) Anthracene	17.52	178	626076	44.741	ng	99
73) Carbazole	17.79	167	562852	44.416	ng	99
74) Di-n-butylphthalate	18.33	149	676322	43.986	ng	99
75) Fluoranthene	19.43	202	796026	43.657	ng	99
77) Benzidine	19.62	184	311185	69.983	ng	98
78) Pyrene	19.80	202	782693	57.230	ng	98
80) Butylbenzylphthalate	20.68	149	240744	46.464	ng	99
81) Benzo(a)anthracene	21.63	228	636763	46.010	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	173397	32.393	ng	94
83) Chrysene	21.69	228	620573	45.130	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	317060	43.078	ng	99
85) Di-n-octyl phthalate	22.72	149	562634	45.057	ng	# 96
86) Indeno(1,2,3-cd)pyrene	28.47	276	782690	45.345	ng	# 95
88) Benzo(b)fluoranthene	23.82	252	644288	45.021	ng	98
89) Benzo(k)fluoranthene	23.89	252	656143	45.544	ng	99
90) Benzo(a)pyrene	24.69	252	605654	44.319	ng	97
91) Dibenzo(a,h)anthracene	28.53	278	660437	47.248	ng	98
92) Benzo(g,h,i)perylene	29.61	276	656386	47.605	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

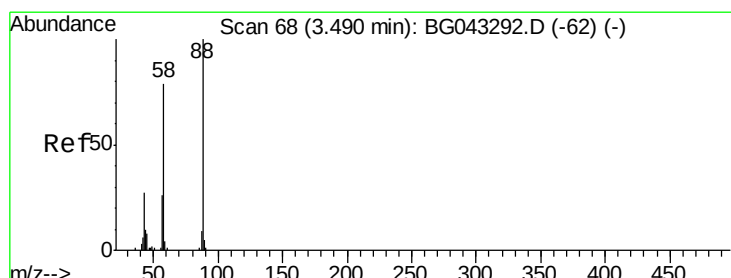
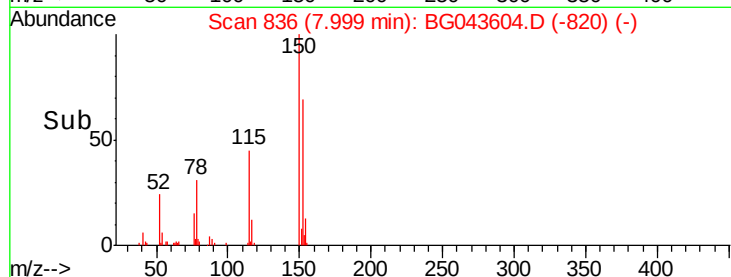
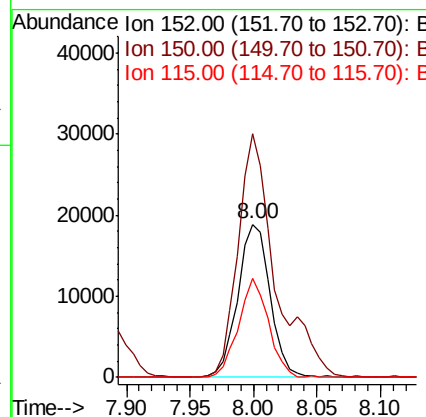
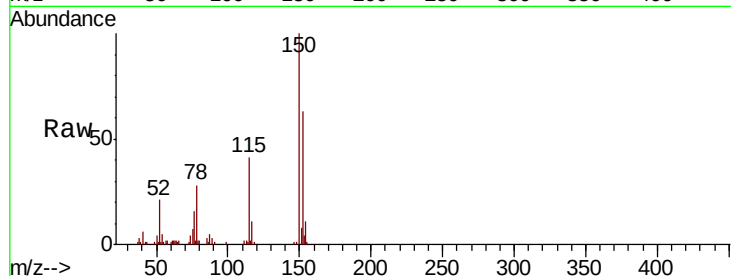
ClientSampleId :

PB124694BS

Tot Ion:	152	Resp:	33103
Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.4	194.0
115	64.9	48.8	73.2

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#2

1,4-Dioxane

Concen: 27.913 ng

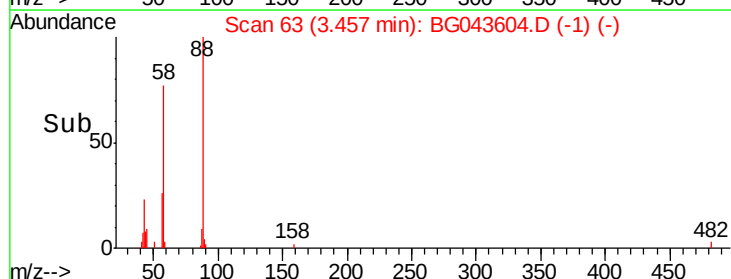
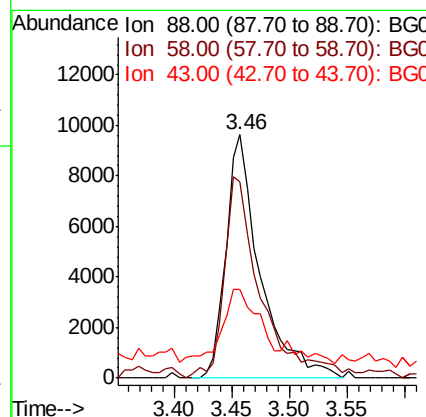
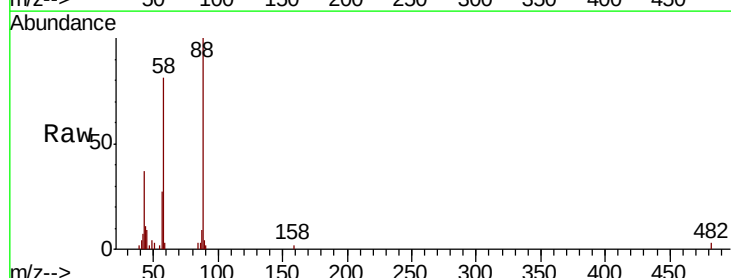
RT: 3.46 min Scan# 63

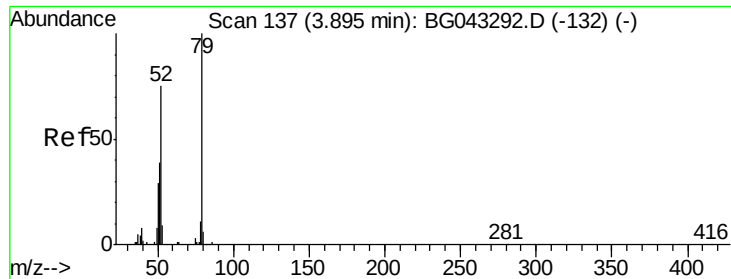
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	88	Resp:	19650
Ion	Ratio	Lower	Upper
88	100		
58	90.0	62.7	94.1
43	26.6	23.7	35.5





#3

Pvridine

Concen: 30.770 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

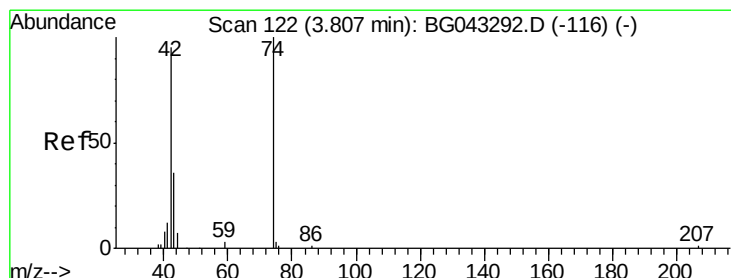
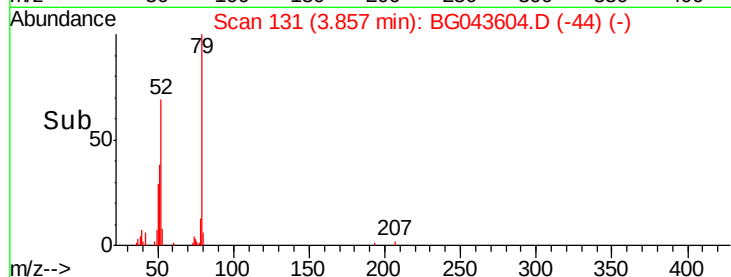
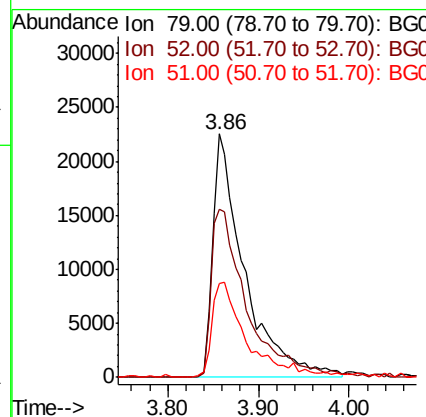
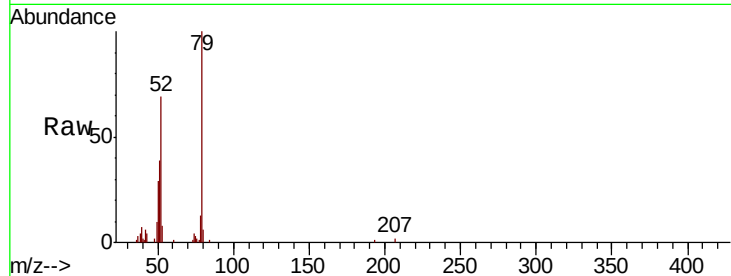
ClientSampleId :

PB124694BS

Tot Ion:	79	Resp:	54642
Ion Ratio	Lower	Upper	
79	100		
52	68.8	56.5	84.7
51	38.7	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 45.506 ng

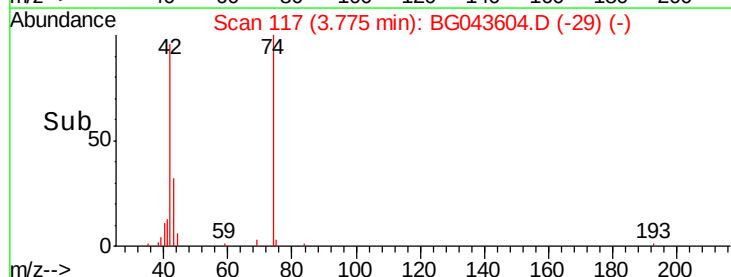
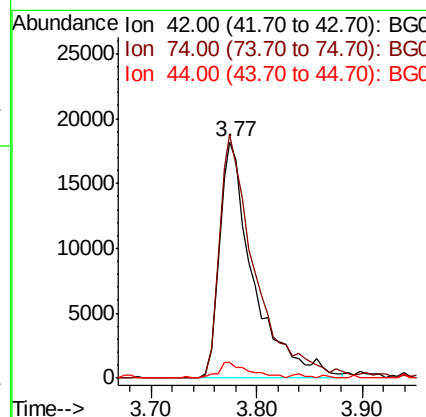
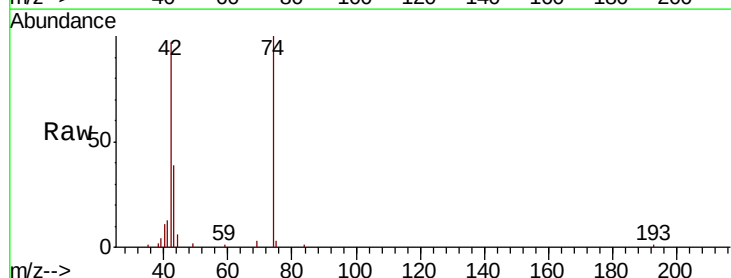
RT: 3.77 min Scan# 117

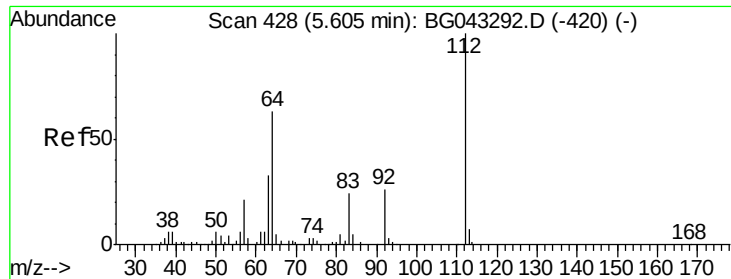
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	42	Resp:	40777
Ion Ratio	Lower	Upper	
42	100		
74	103.1	97.3	145.9
44	6.5	4.4	6.6





#5

2-Fluorophenol

Concen: 105.006 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

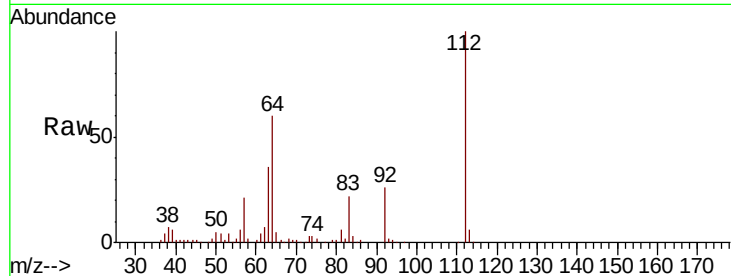
ClientSampleId :

PB124694BS

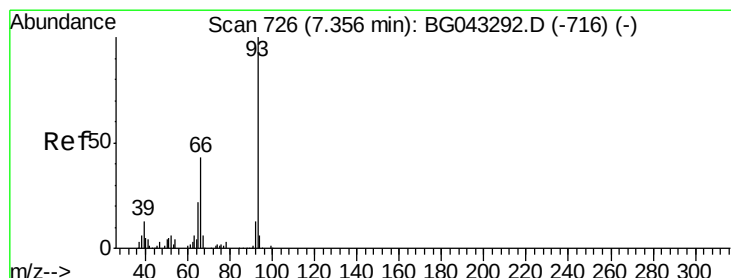
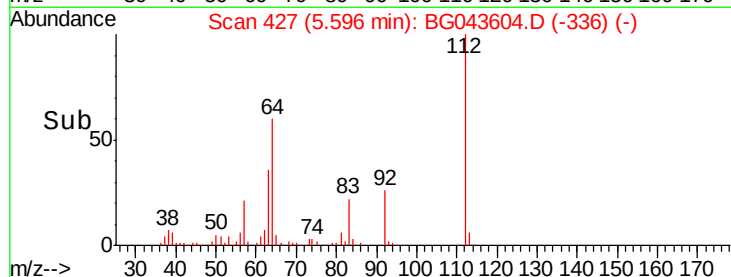
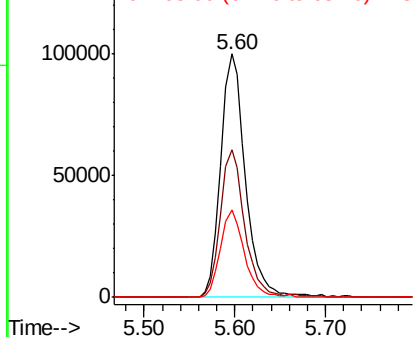
Tot Ion:	112	Resp:	189692
Ion Ratio	Lower	Upper	
112	100		
64	60.4	50.0	75.0
63	36.1	26.6	40.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.420 ng

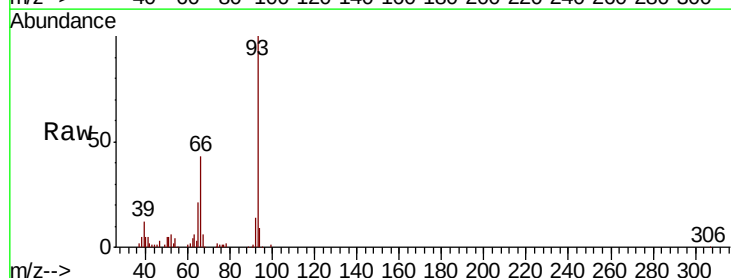
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

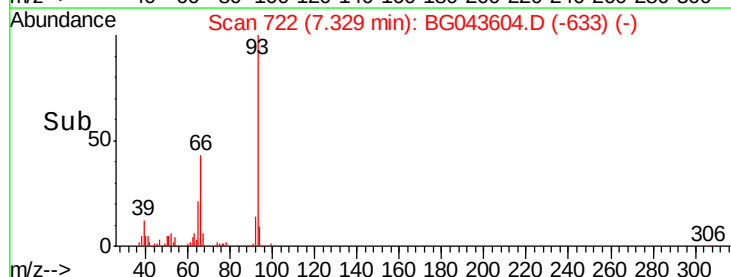
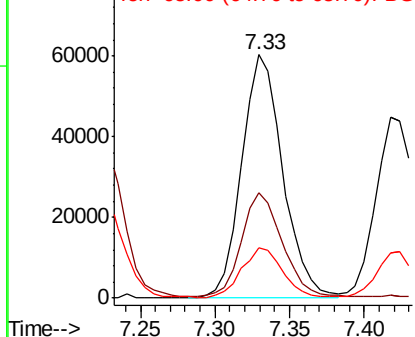
Lab File: BG043604.D

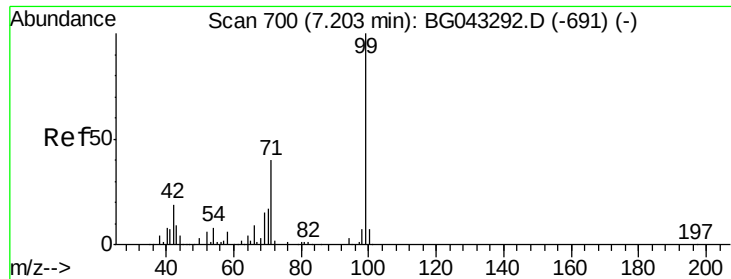
Acq: 12 Nov 2019 5:27

Tgt Ion:	93	Resp:	115034
Ion Ratio	Lower	Upper	
93	100		
66	43.1	32.3	48.5
65	20.6	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.479 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

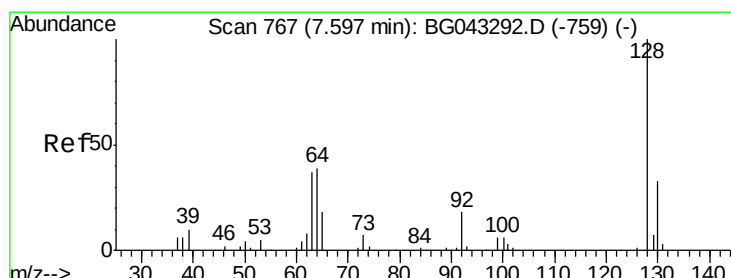
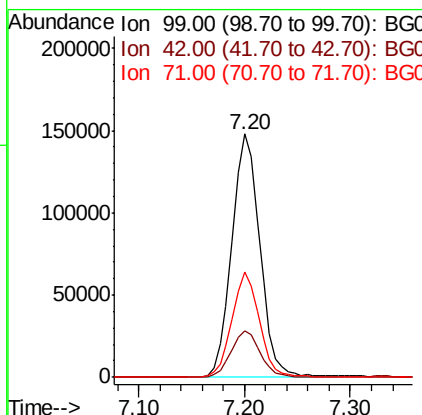
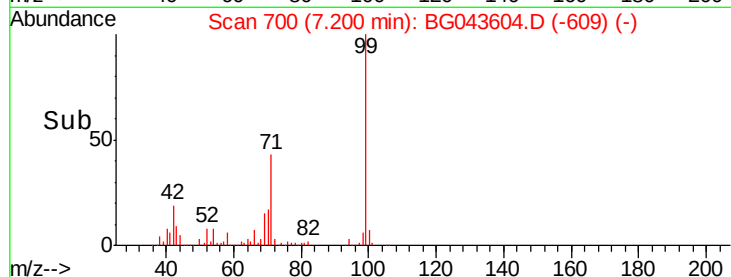
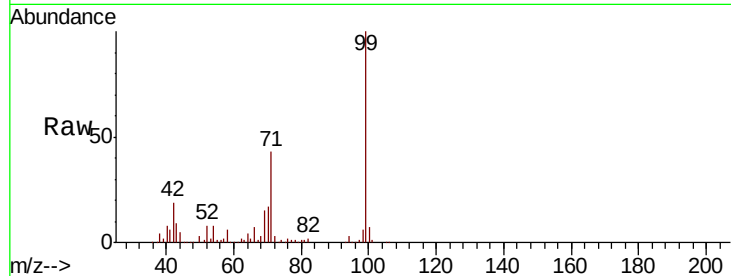
ClientSampleId :

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Tot Ion:	99	Resp:	271553
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.6	21.8
71	43.0	32.5	48.7

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#8

2-Chlorophenol

Concen: 51.280 ng

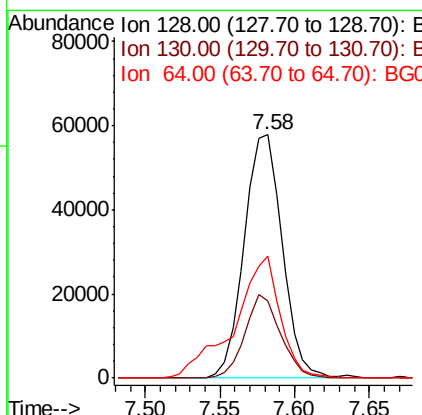
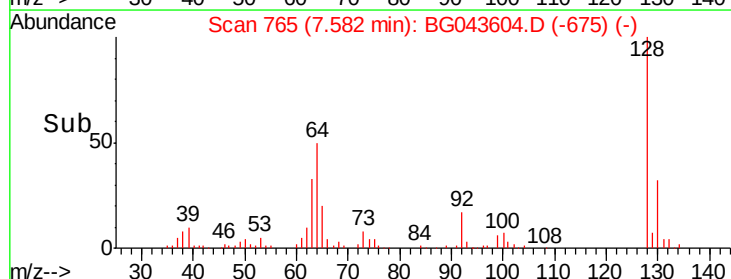
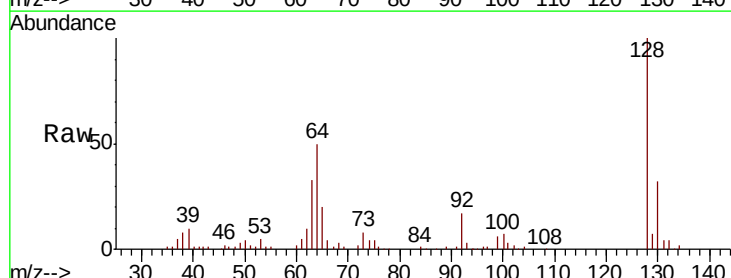
RT: 7.58 min Scan# 765

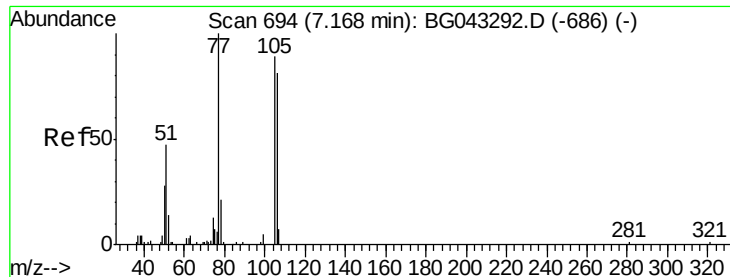
Delta R.T. -0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	128	Resp:	102261
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	50.1	25.3	65.3





#9

Benzaldehyde

Concen: 37.119 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

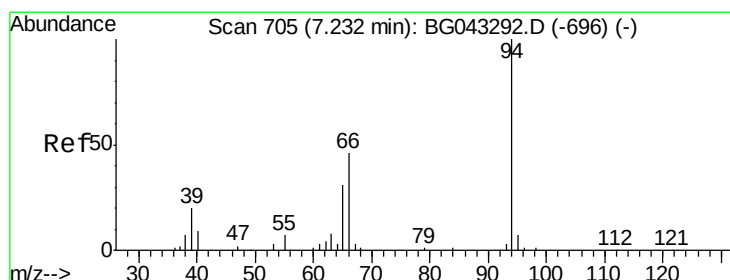
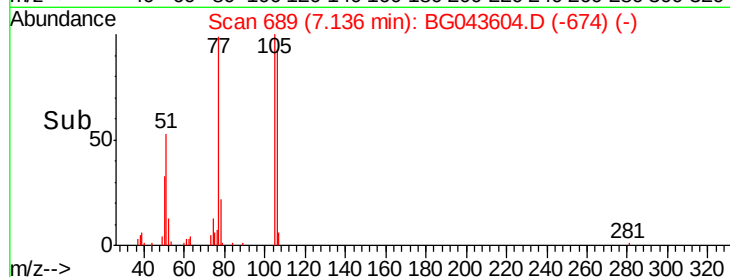
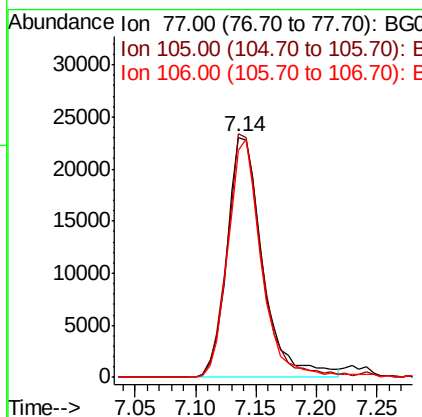
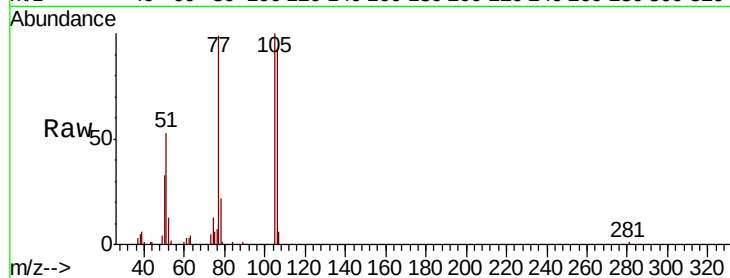
ClientSampleId :

PB124694BS

Tot Ion:	77	Resp:	47413
Ion	Ratio	Lower	Upper
77	100		
105	101.5	68.6	108.6
106	94.7	69.9	109.9

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#10

Phenol

Concen: 52.978 ng

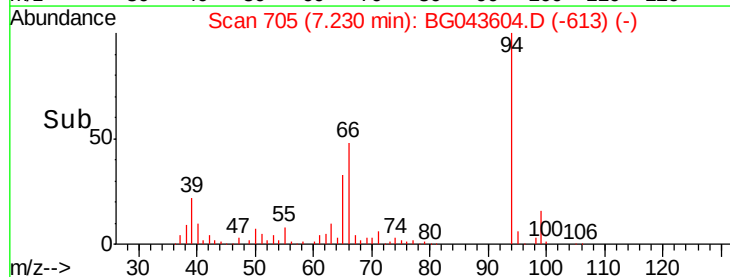
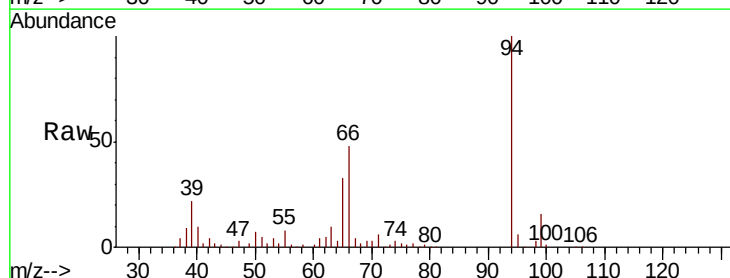
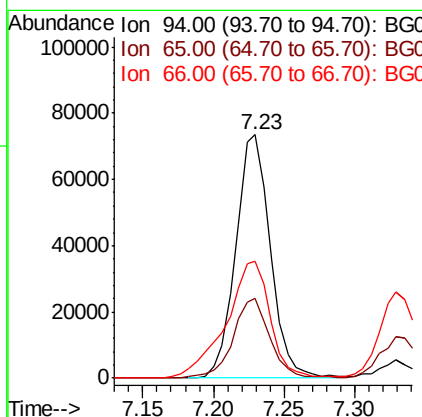
RT: 7.23 min Scan# 705

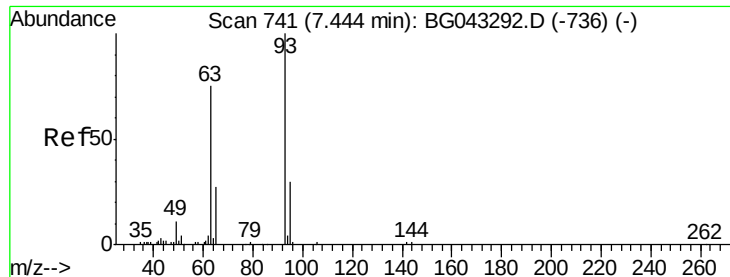
Delta R.T. 0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	94	Resp:	125825
Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.6	52.6
66	47.9	30.7	70.7





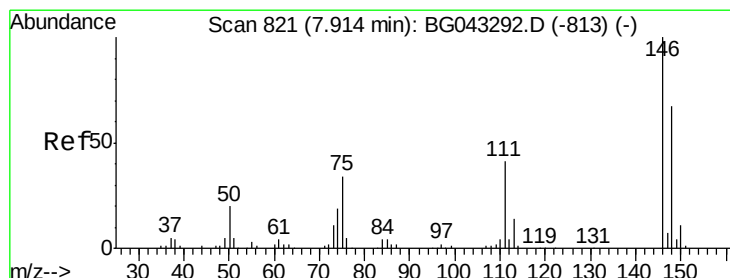
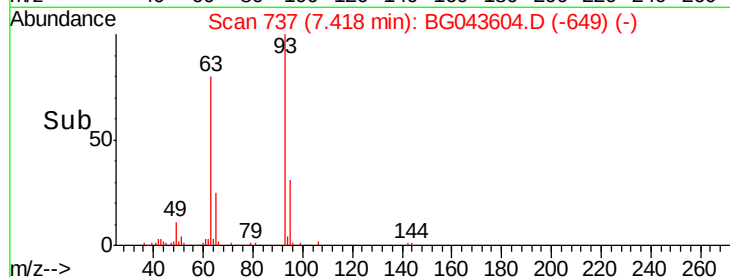
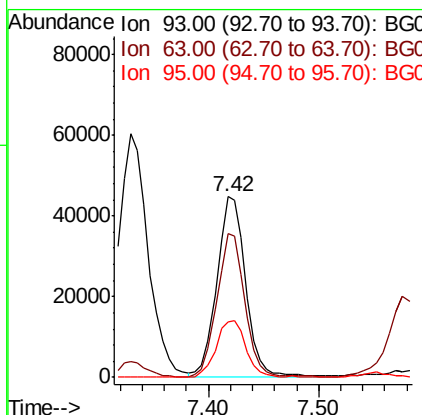
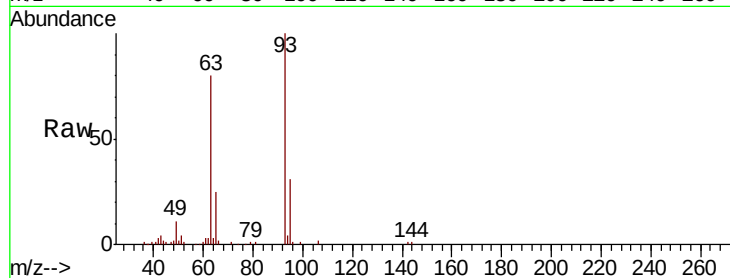
#11
 bis(2-Chloroethyl)ether
 Concen: 44.733 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	56.3	96.3
95	31.0	12.2	52.2

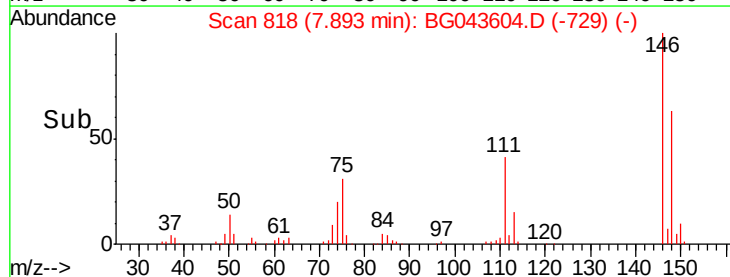
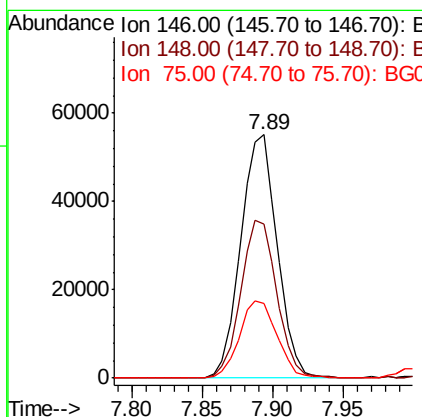
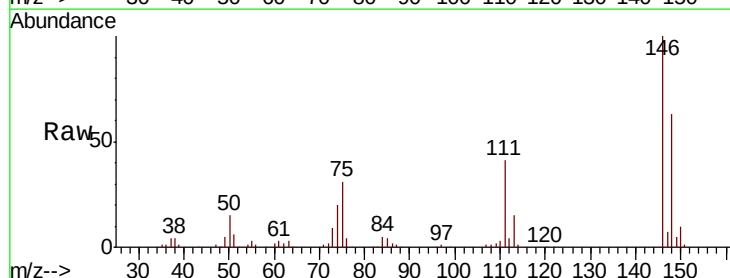
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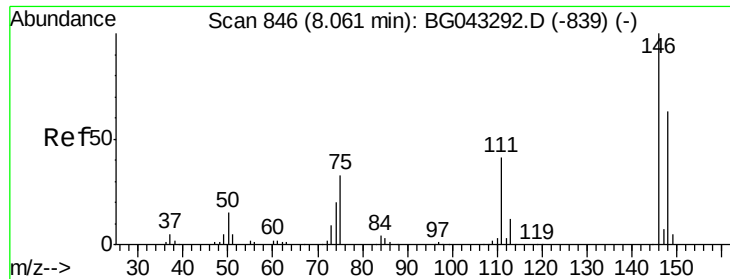
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 39.842 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	30.8	24.6	37.0





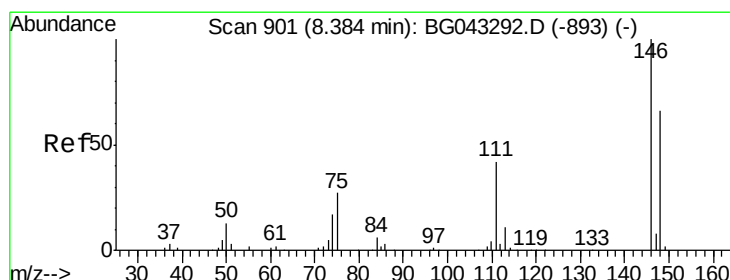
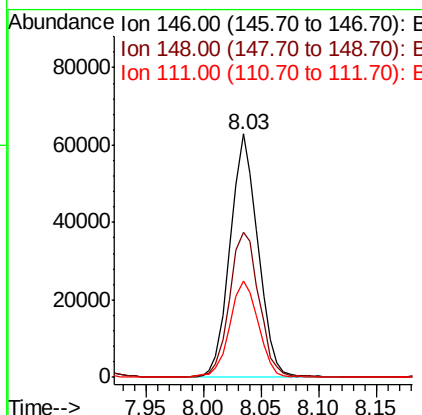
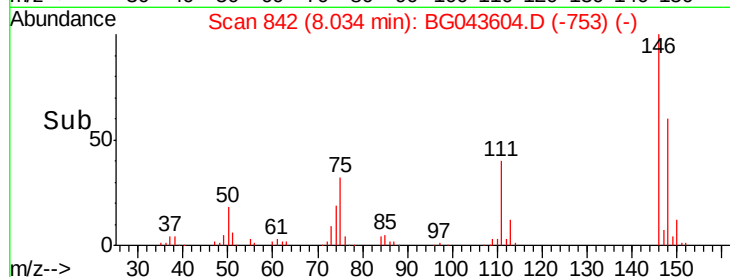
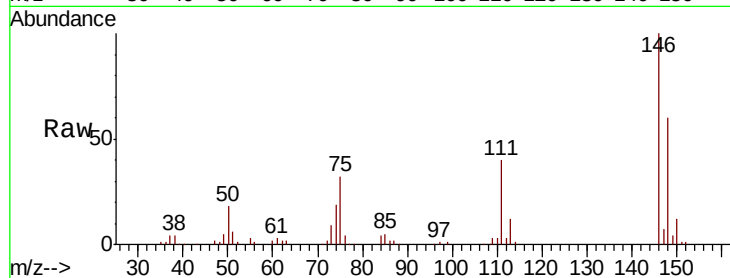
#13
1,4-Dichlorobenzene
Concen: 41.691 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.7	50.7	76.1
111	39.5	33.4	50.2

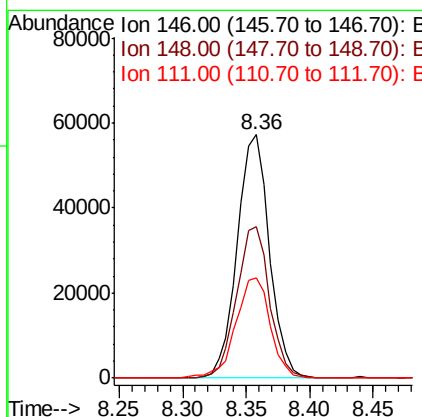
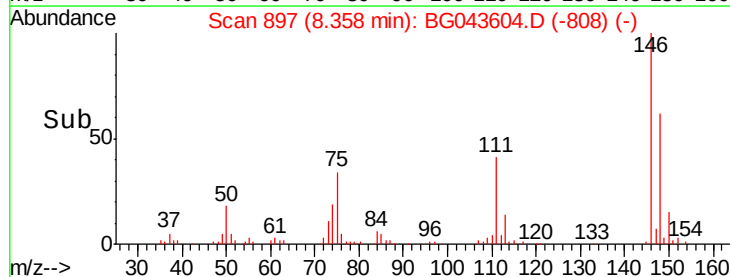
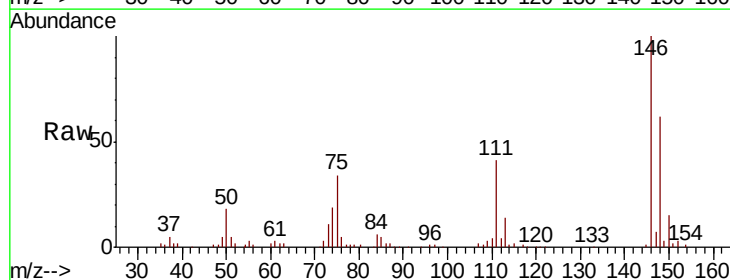
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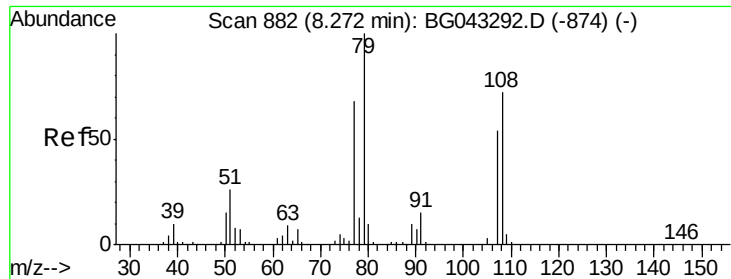
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.825 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.2	79.8
111	41.4	35.8	53.6





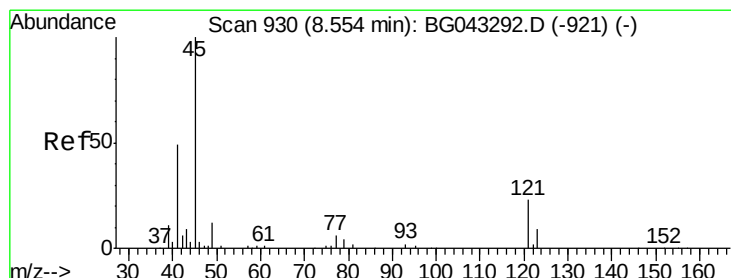
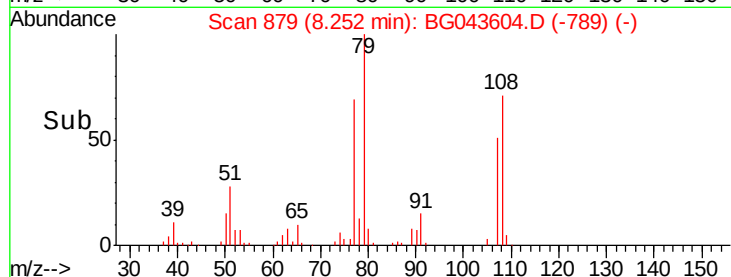
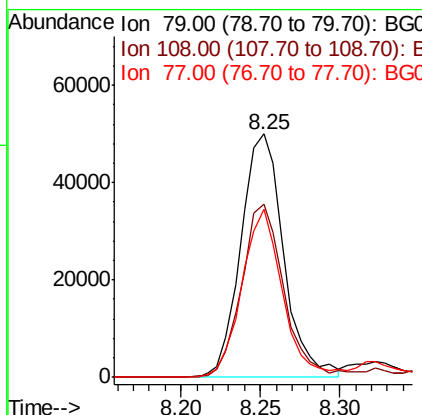
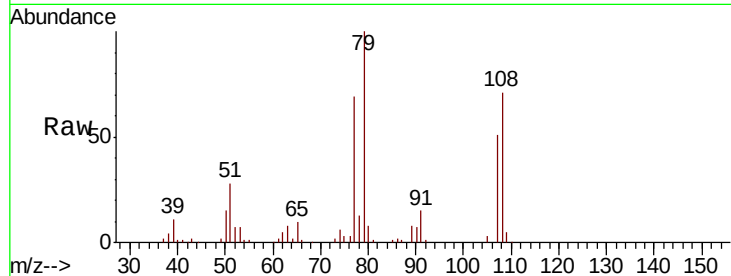
#15
Benzyl Alcohol
Concen: 51.369 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	53.6	80.4
77	69.2	49.6	74.4

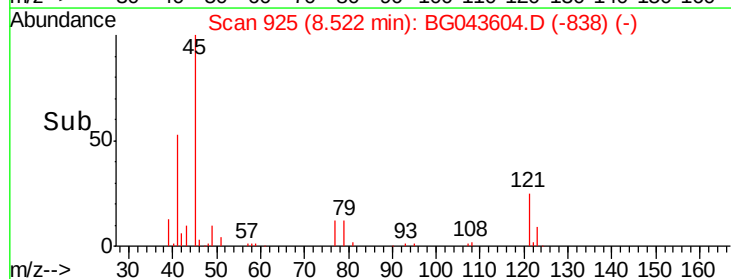
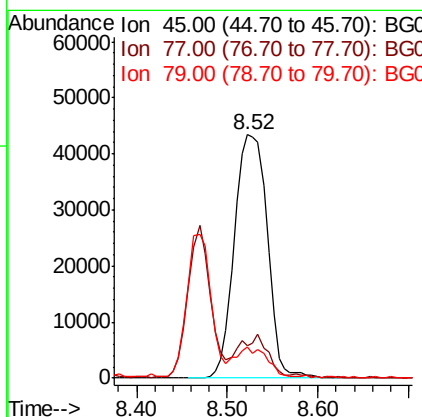
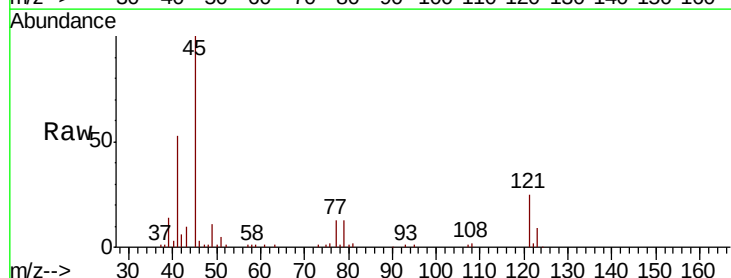
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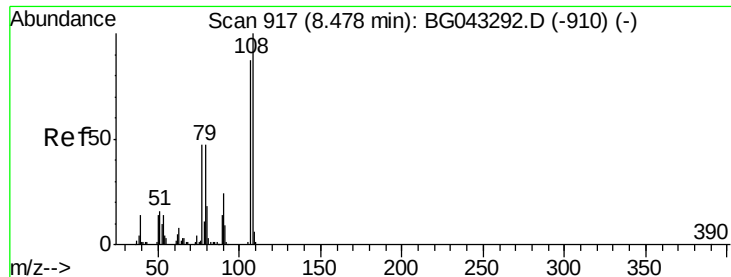
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.997 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	34.9
79	12.9	0.0	33.0





#17

2-Methylphenol

Concen: 52.014 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

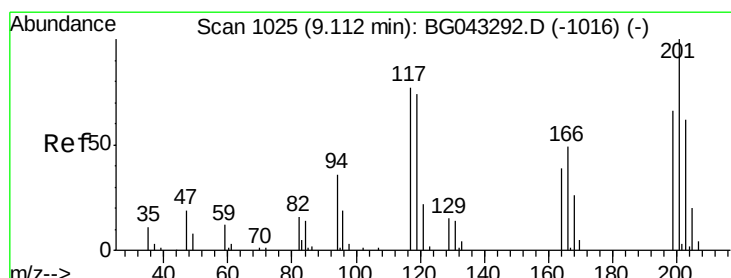
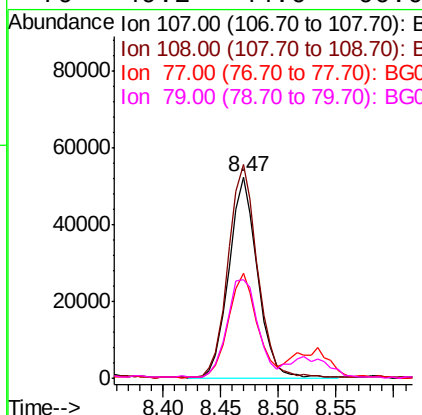
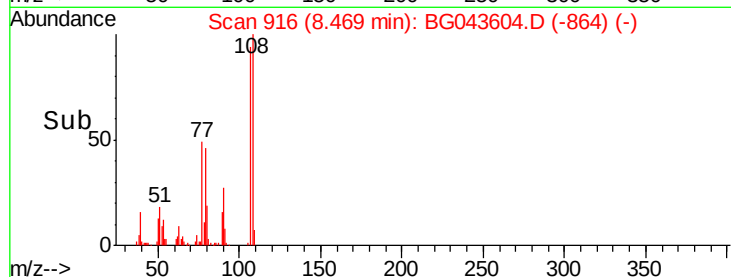
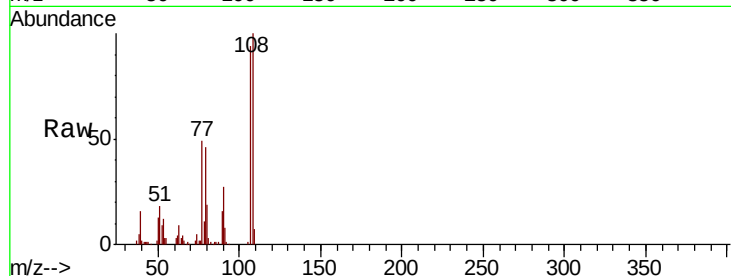
ClientSampleId :

PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.2	90.2	135.4	
77	51.9	40.2	60.2	
79	49.2	44.0	66.0	

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#18

Hexachloroethane

Concen: 39.745 ng

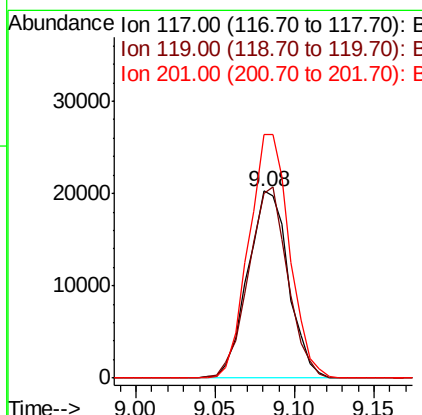
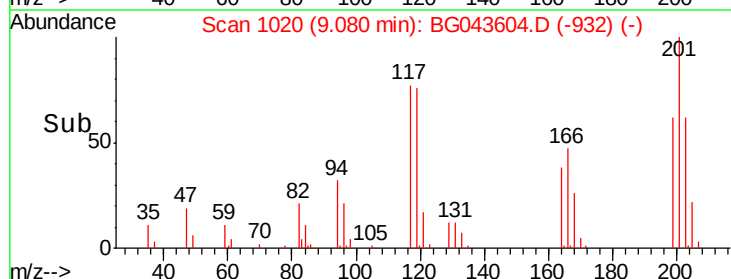
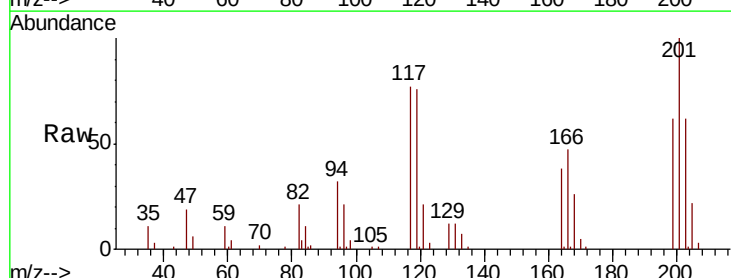
RT: 9.08 min Scan# 1020

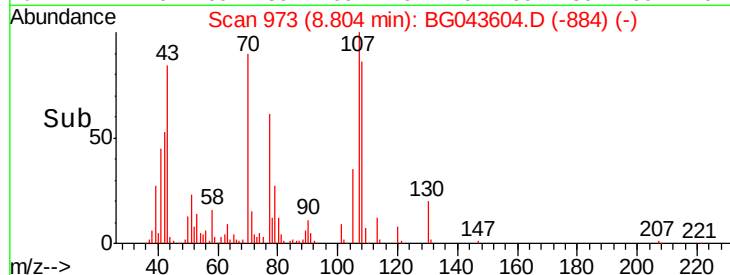
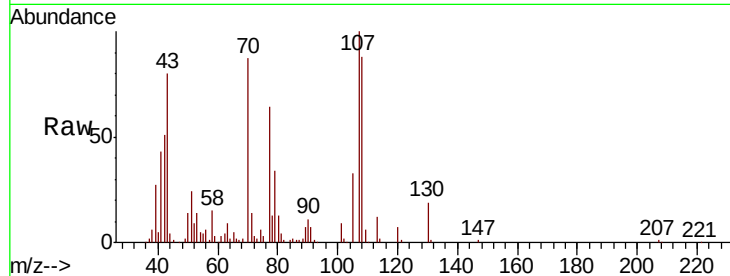
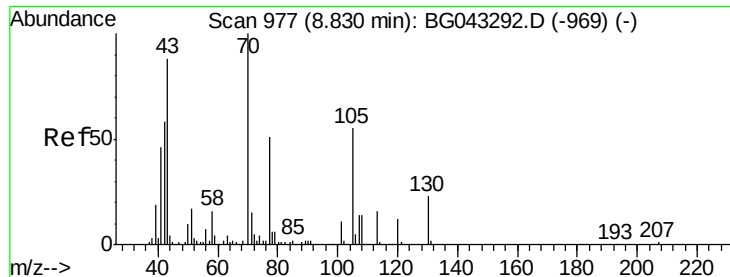
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	79.0	118.4	
201	130.2	105.4	158.2	





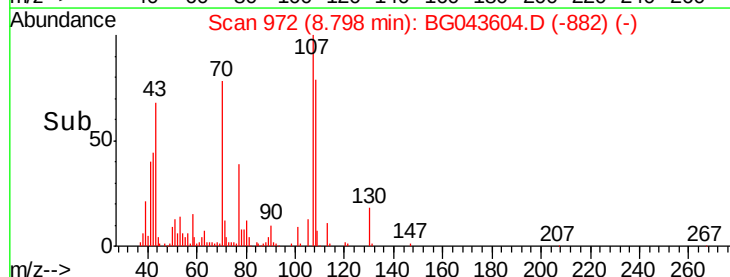
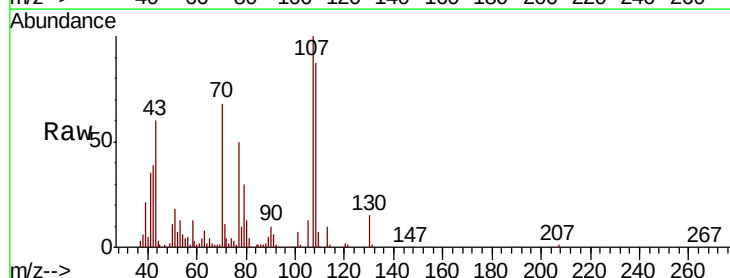
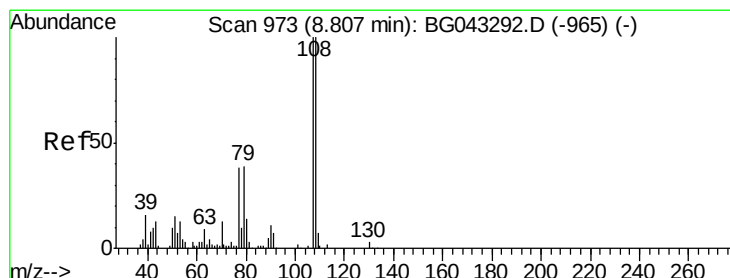
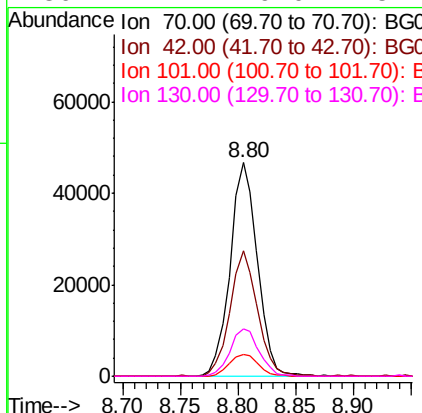
#19
n-Nitroso-di-n-propylamine
Concen: 45.406 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.6	41.4	62.2		
101	10.3	7.9	11.9		
130	22.4	19.0	28.4		

Instrument :
BNA_G
ClientSampleId :
PB124694BS

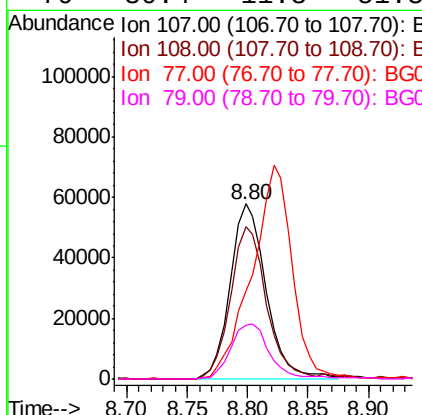
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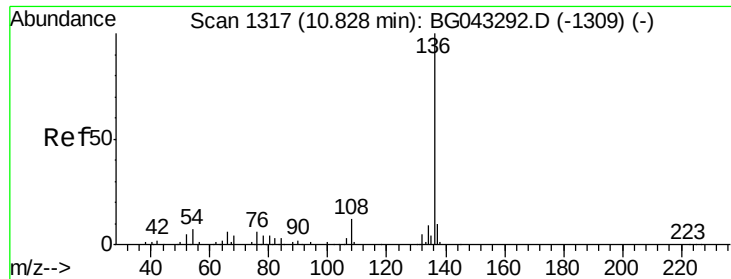
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#20
3+4-Methylphenols
Concen: 50.822 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	66.6	106.6		
77	50.1	20.9	60.9		
79	30.4	11.3	51.3		





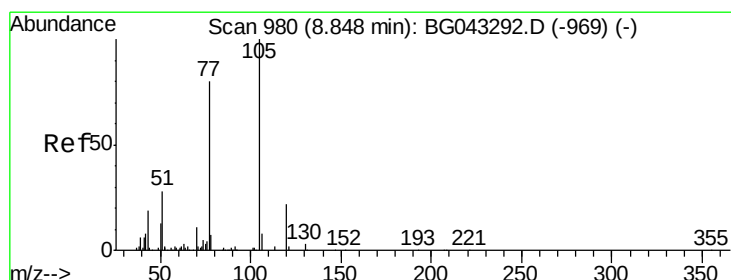
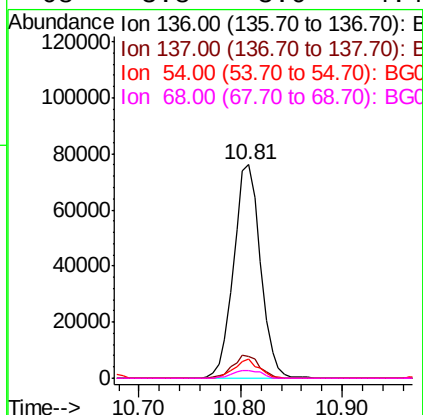
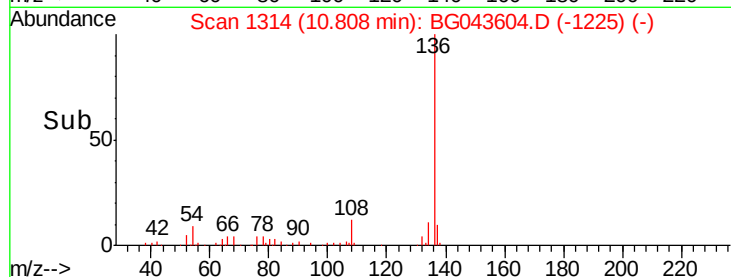
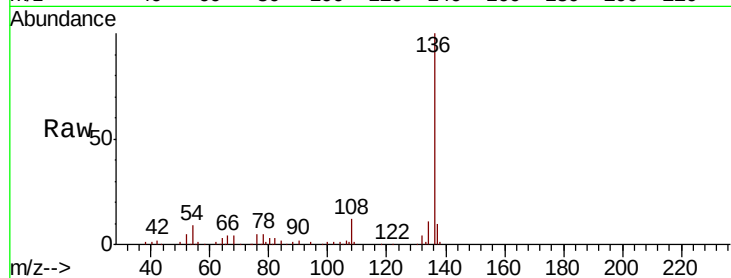
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.7	13.1	
54	8.8	5.4	8.2	
68	3.8	3.0	4.4	

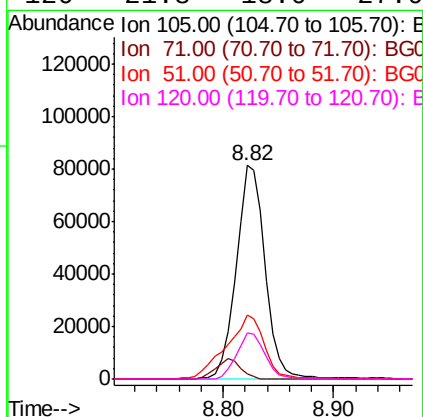
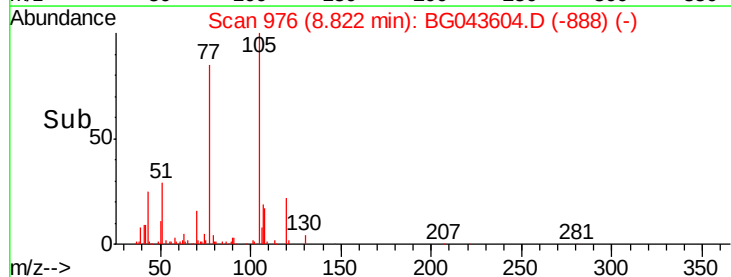
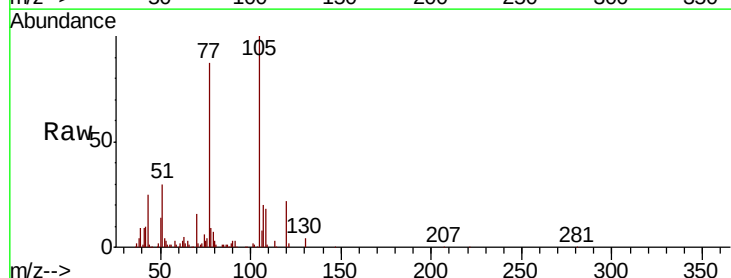
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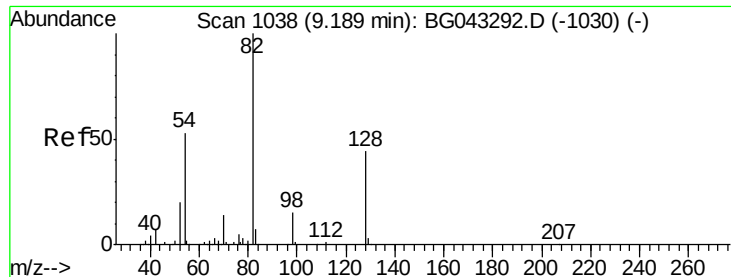
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#22
Acetophenone
Concen: 41.630 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	0.8	1.2	
51	29.9	21.0	31.4	
120	21.8	18.0	27.0	





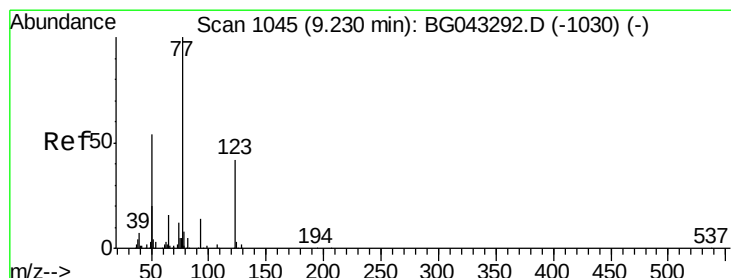
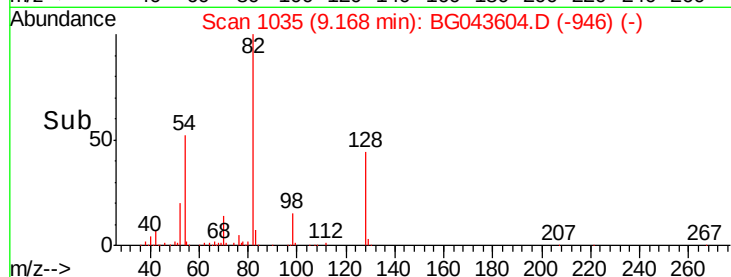
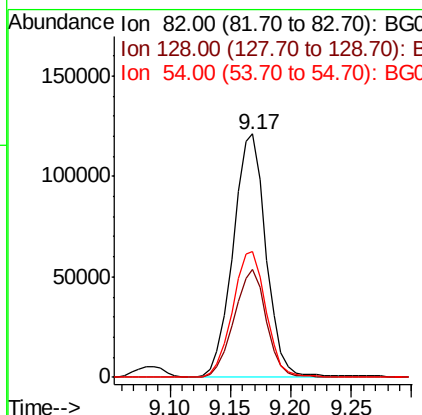
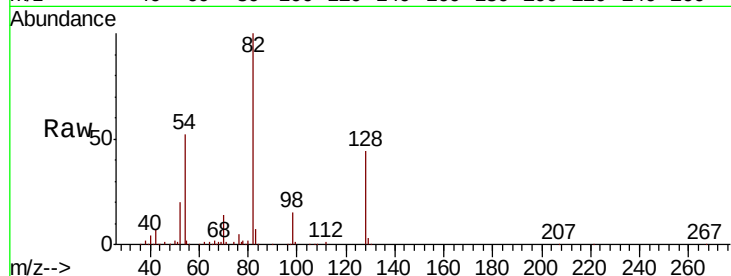
#23
 Nitrobenzene-d5
 Concen: 84.779 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.0	52.6
54	51.6	40.2	60.2

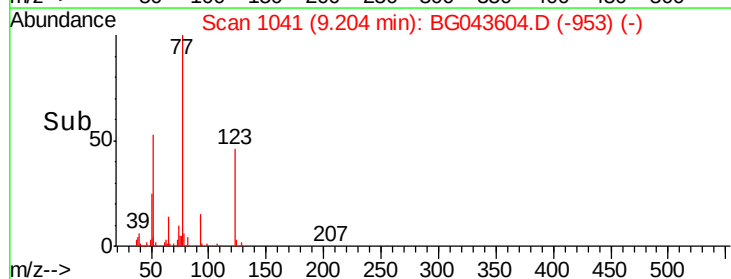
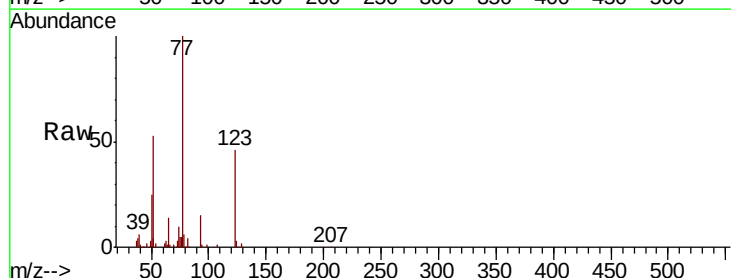
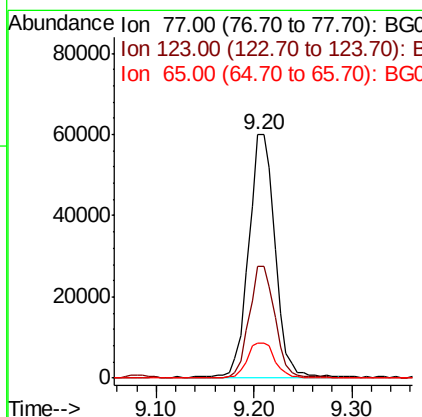
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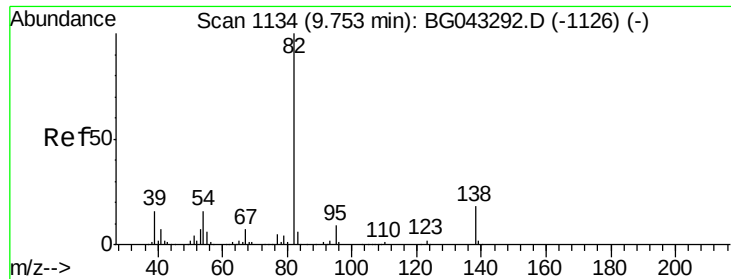
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#24
 Nitrobenzene
 Concen: 43.948 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	35.0	52.6
65	14.3	9.5	14.3#





#25

Isophorone

Concen: 43.887 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

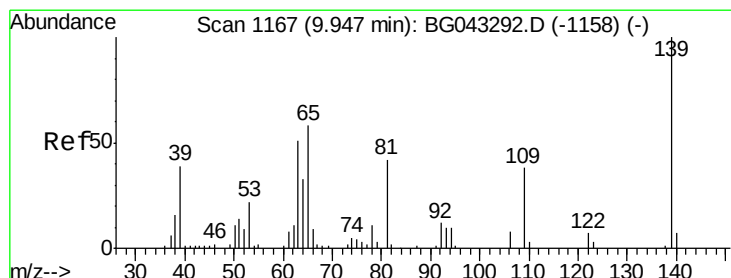
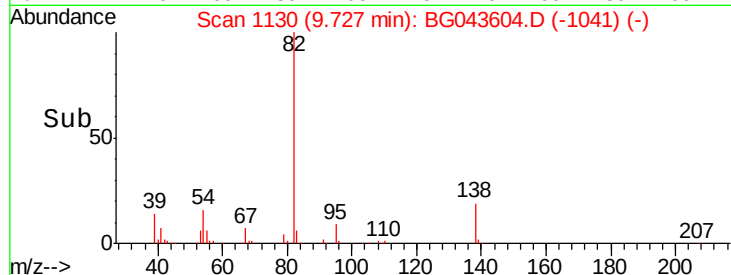
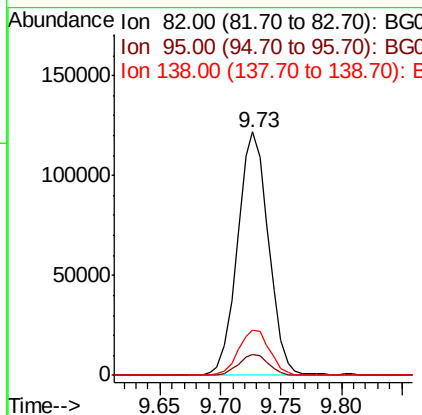
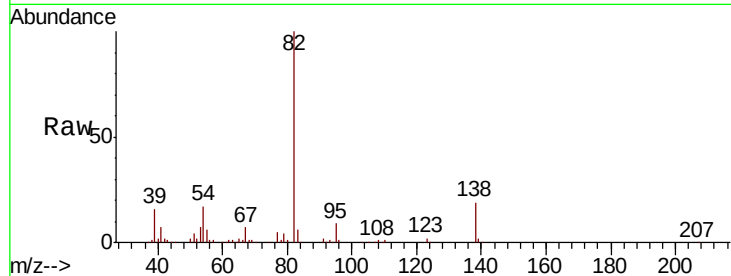
ClientSampleId :

PB124694BS

Tot Ion:	82	Resp:	217968
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.6	9.8
138	18.7	15.2	22.8

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#26

2-Nitrophenol

Concen: 47.899 ng

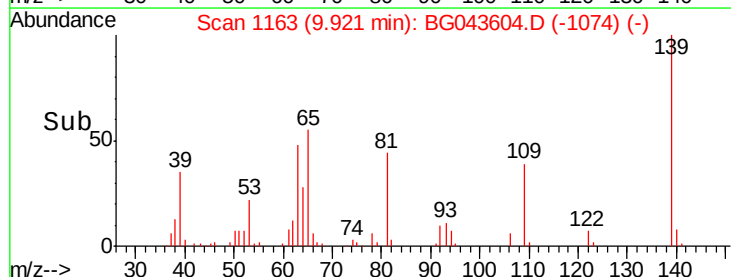
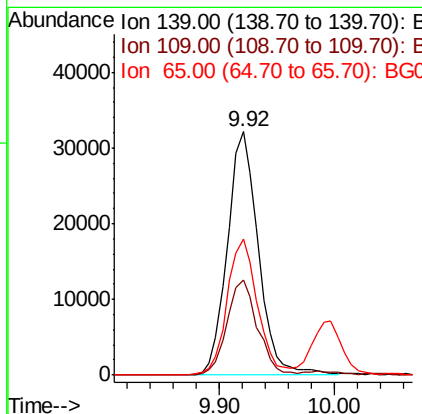
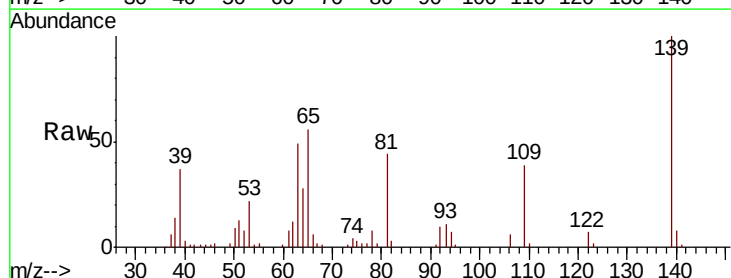
RT: 9.92 min Scan# 1163

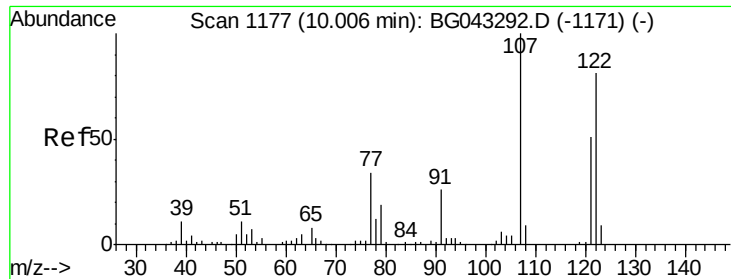
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	139	Resp:	59843
Ion Ratio	Lower	Upper	
139	100		
109	39.0	26.5	39.7
65	55.8	43.8	65.8





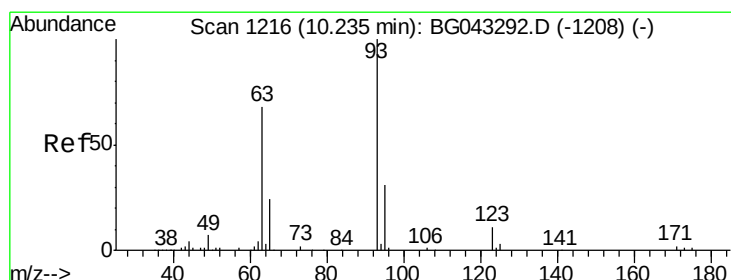
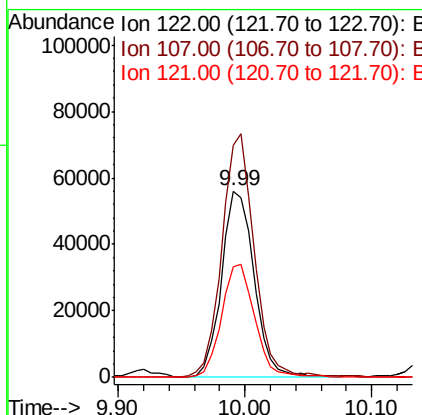
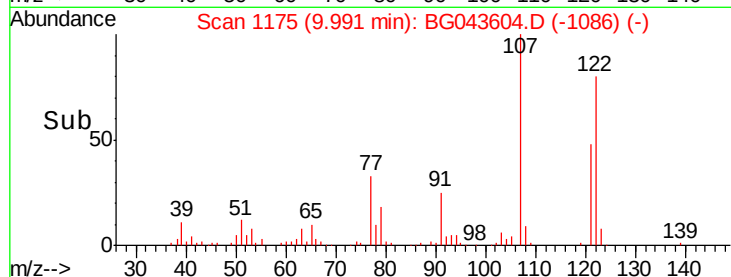
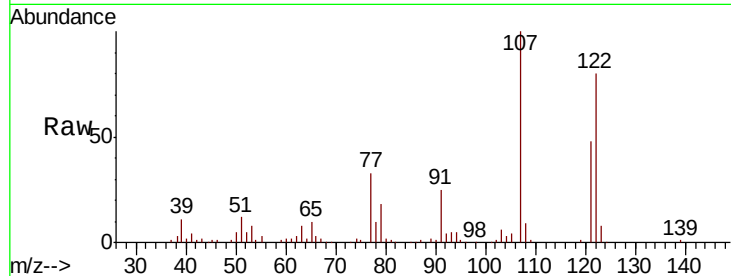
#27
2,4-Dimethylphenol
Concen: 54.929 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.1	104.4	156.6
121	59.6	47.2	70.8

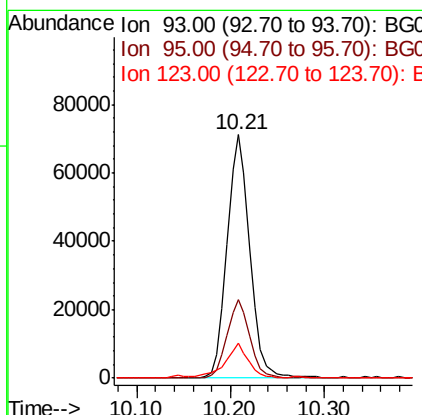
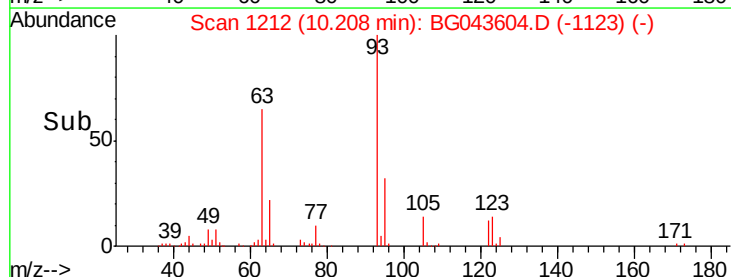
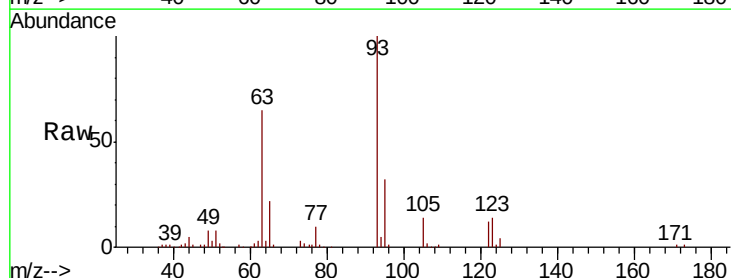
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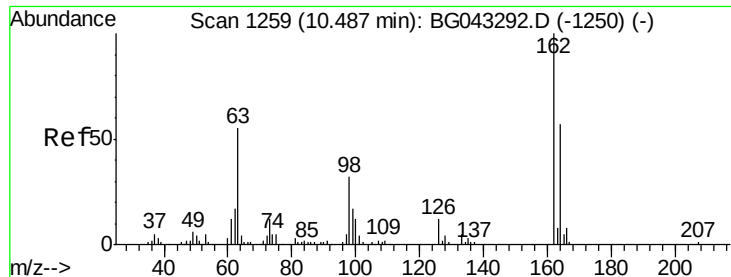
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#28
bis(2-Chloroethoxy)methane
Concen: 43.657 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	14.1	10.6	15.8





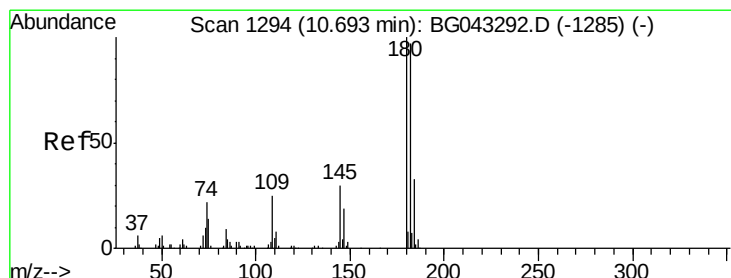
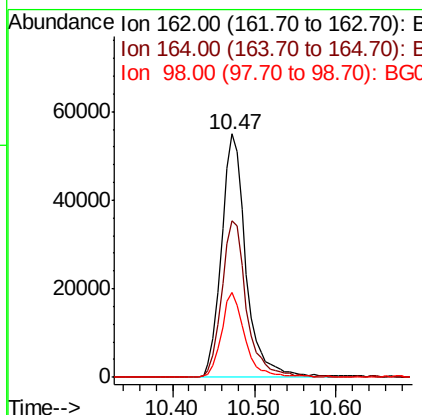
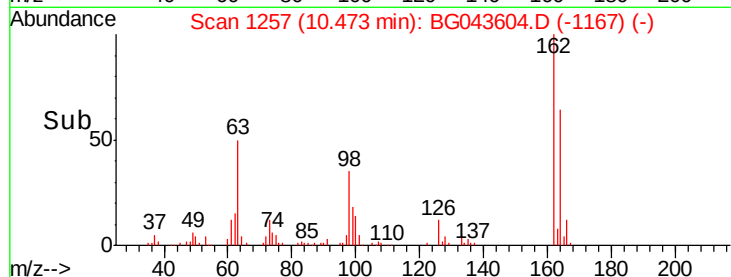
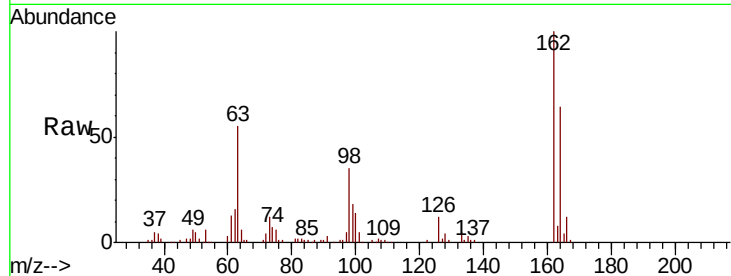
#29
 2,4-Dichlorophenol
 Concen: 49.990 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion:	162	Resp:	114694
Ion Ratio	Lower	Upper	
162	100		
164	64.5	48.9	88.9
98	35.1	15.1	55.1

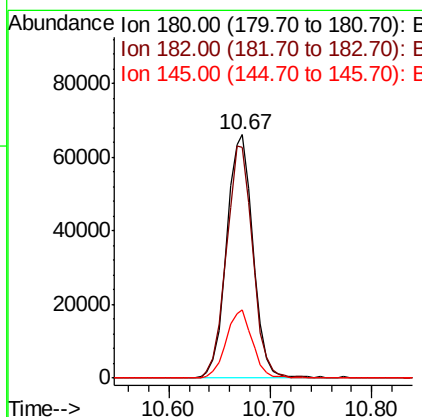
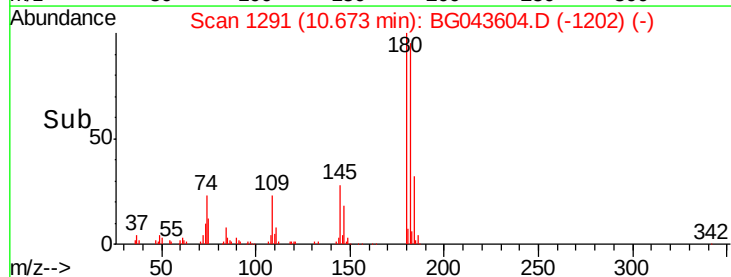
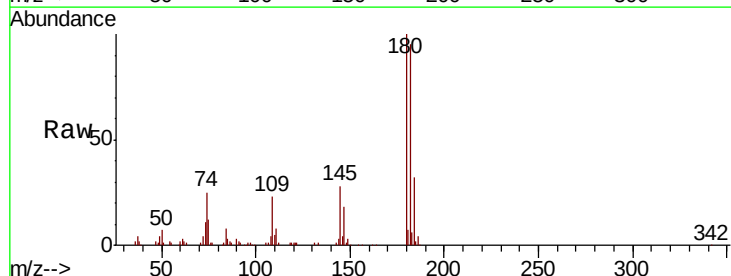
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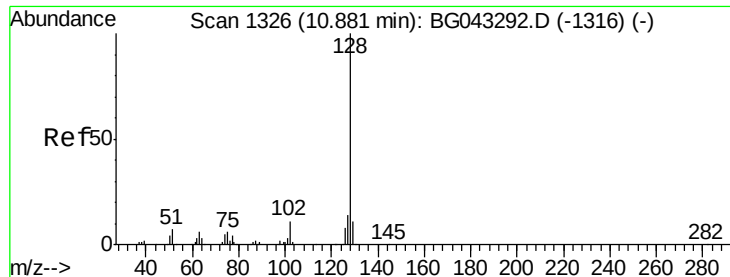
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.111 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion:	180	Resp:	118881
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.1	112.7
145	27.8	23.9	35.9





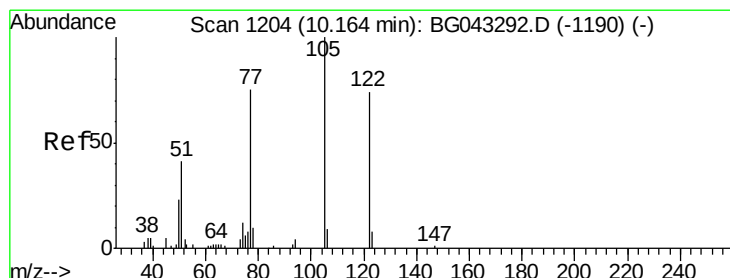
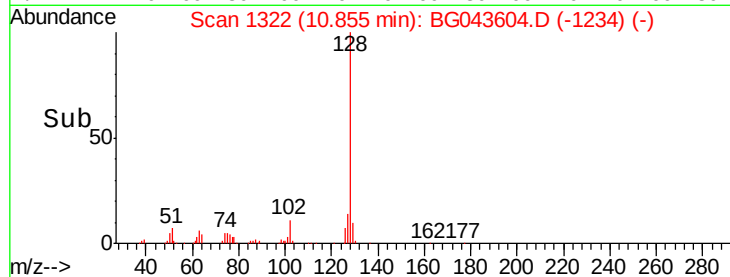
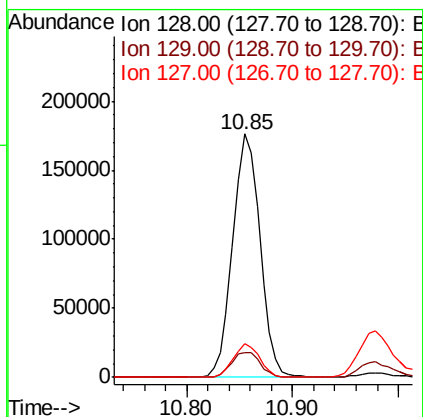
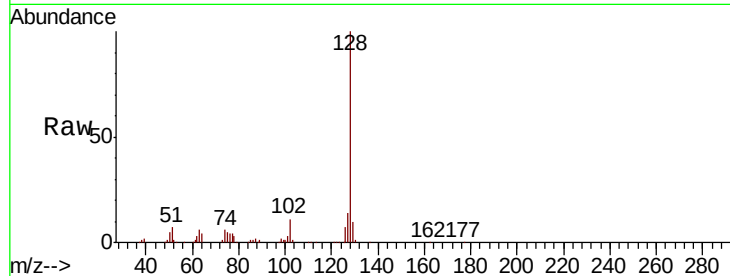
#31
Naphthalene
Concen: 44.452 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.0
127	14.0	11.1	16.7

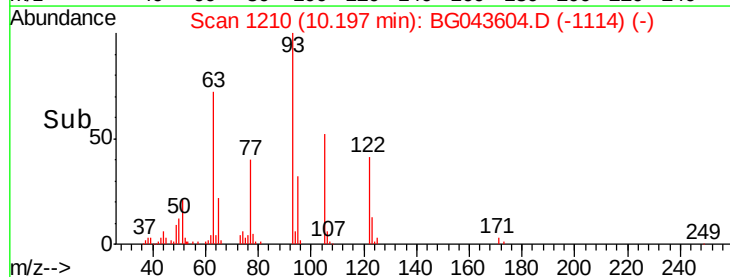
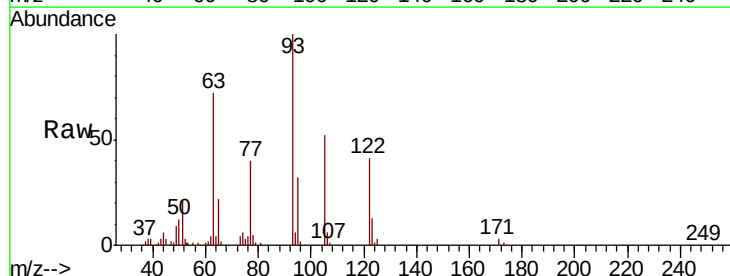
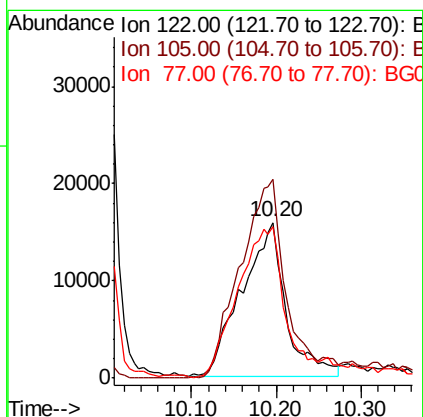
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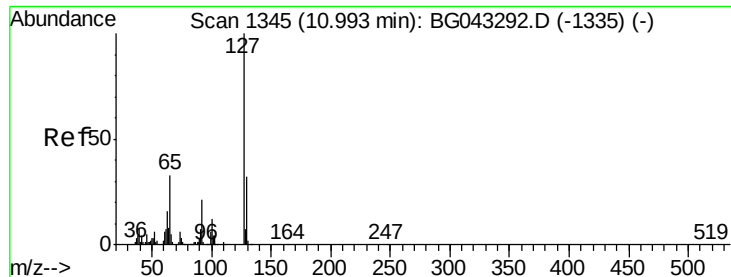
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#32
Benzoic acid
Concen: 42.867 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	103.3	143.3
77	97.8	84.9	124.9





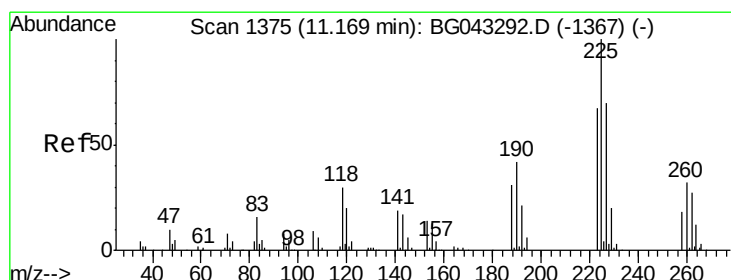
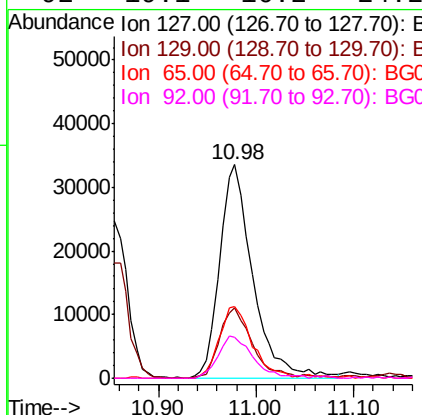
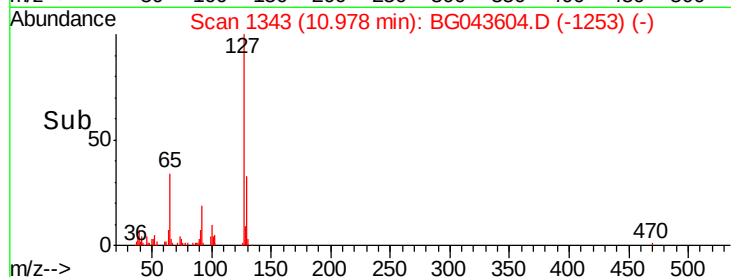
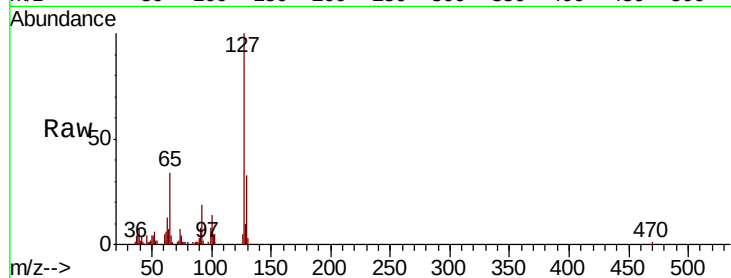
#33
4-Chloroaniline
Concen: 27.275 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	33.8	26.4	39.6
92	19.1	16.2	24.2

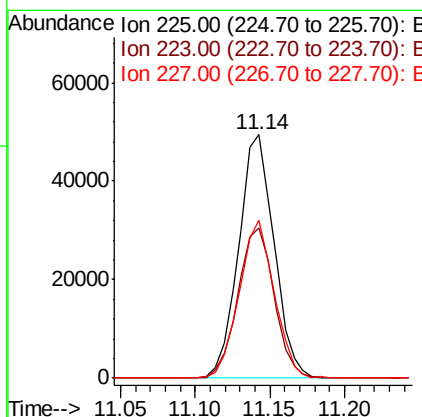
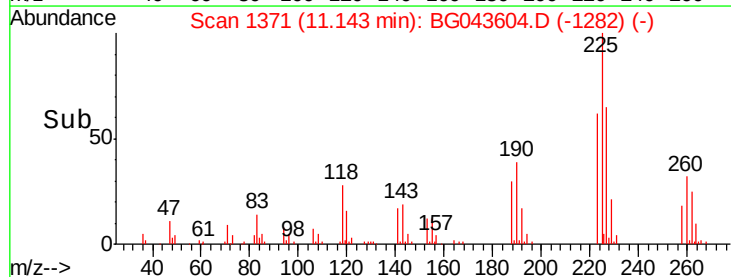
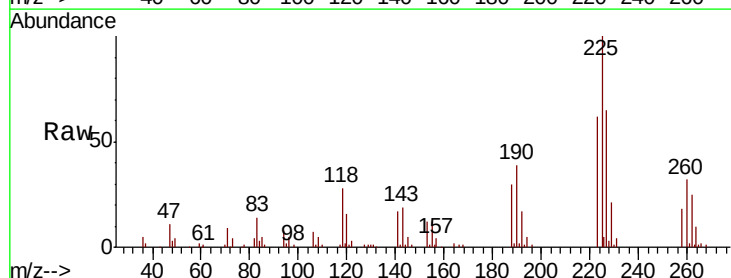
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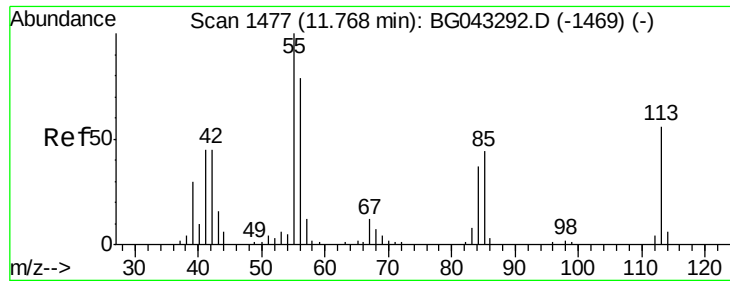
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#34
Hexachlorobutadiene
Concen: 37.901 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	52.7	79.1
227	64.9	54.8	82.2





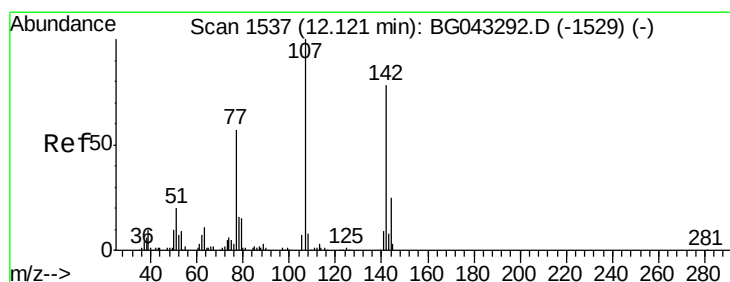
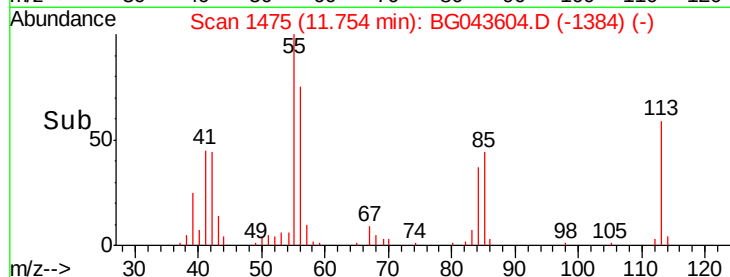
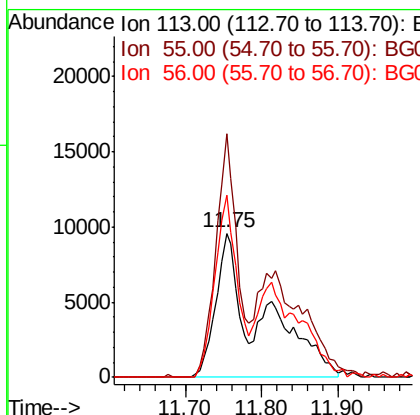
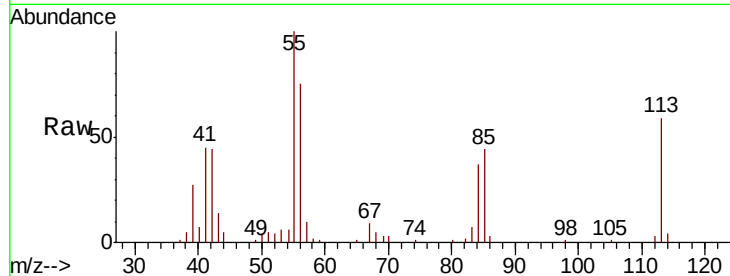
#35
 Caprolactam
 Concen: 48.529 ng/ml
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleID :
 PB124694BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	168.9	134.1	174.1		
56	126.3	100.4	140.4		

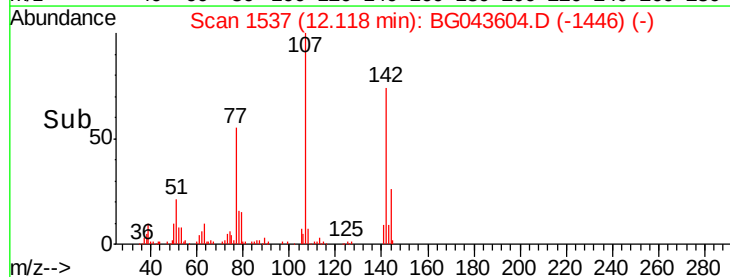
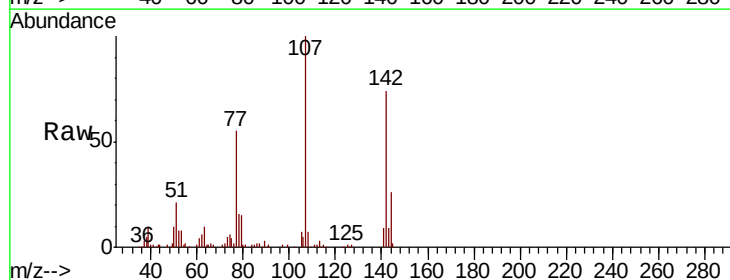
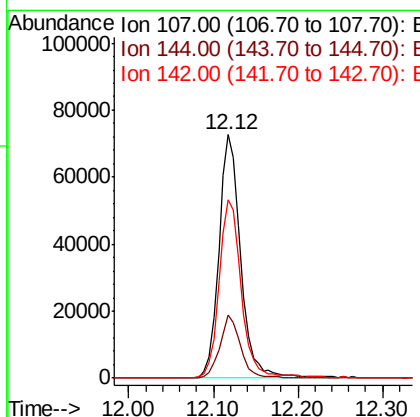
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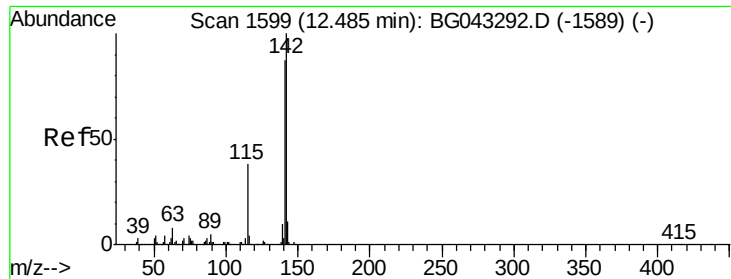
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#36
 4-Chloro-3-methylphenol
 Concen: 52.160 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9	20.9	31.3		
142	73.5	59.6	89.4		





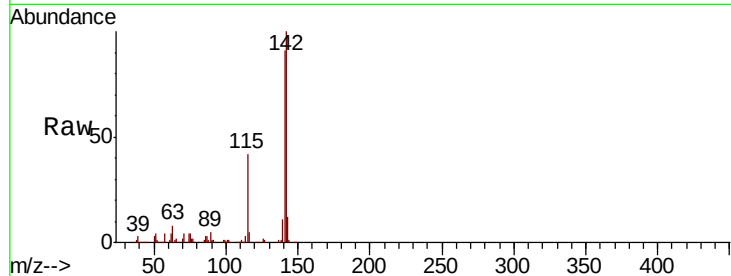
#37
2-Methylnaphthalene
Concen: 45.281 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.2
115	41.6	33.2	49.8

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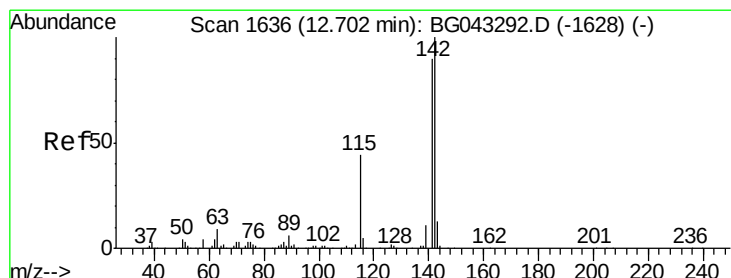
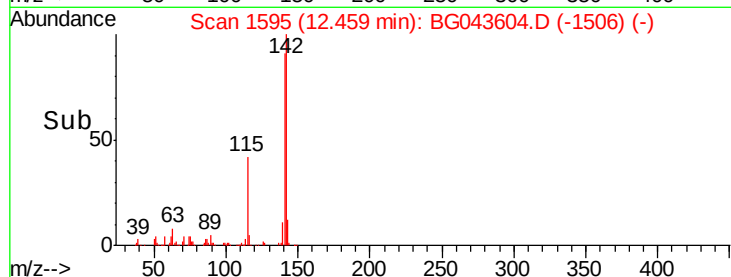
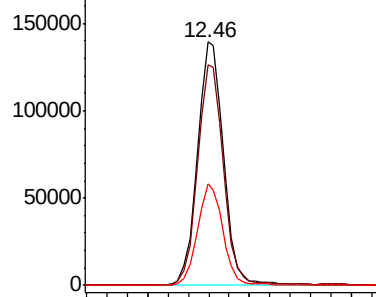


Abundance

Ion 142.00 (141.70 to 142.70): E

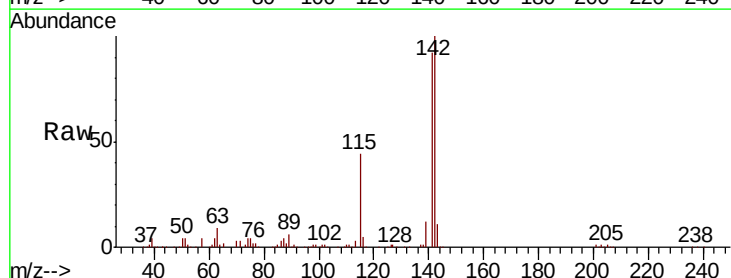
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.120 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
116	5.1	3.6	5.4

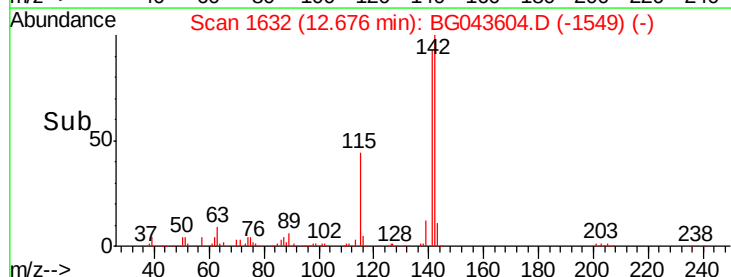
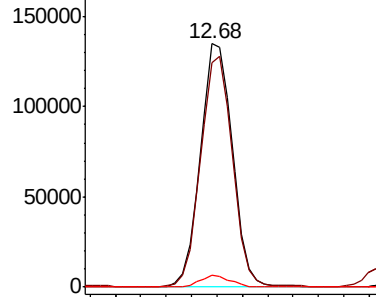


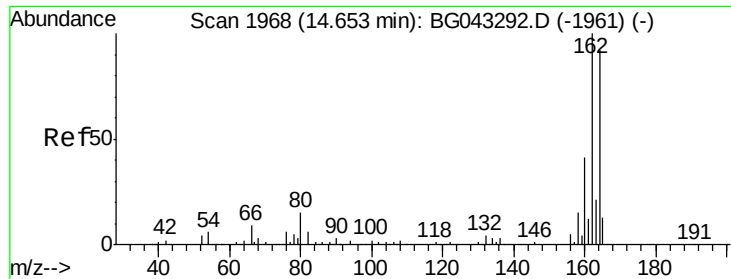
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





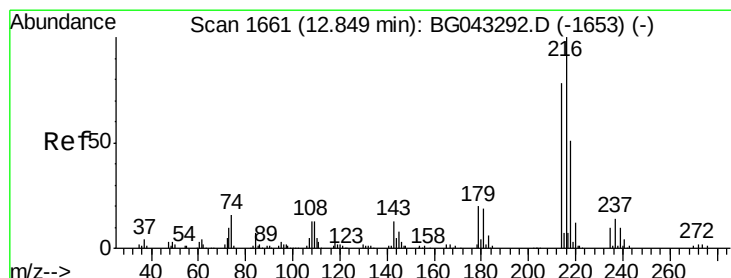
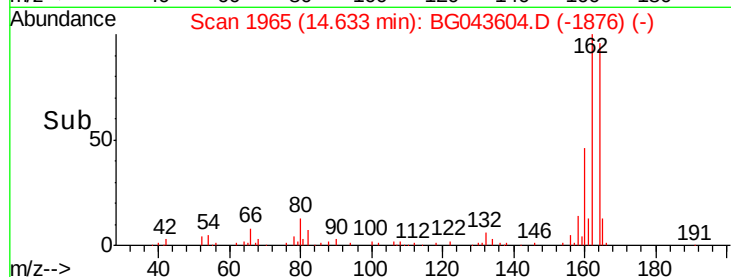
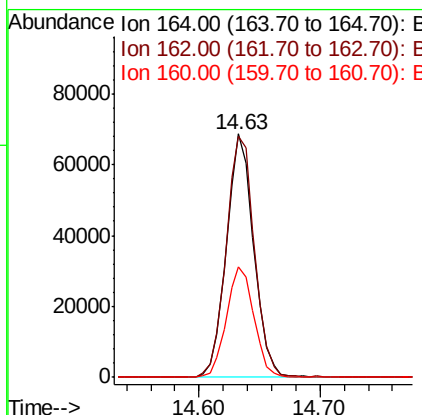
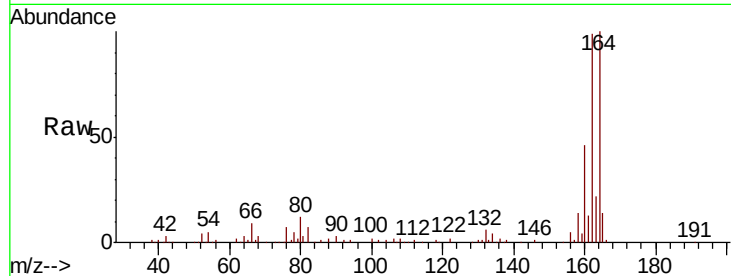
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	83.5	125.3	
160	45.6	36.5	54.7	

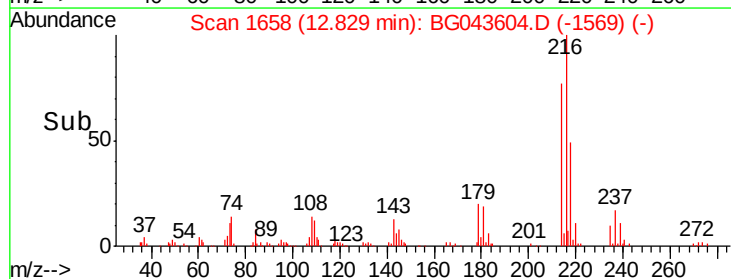
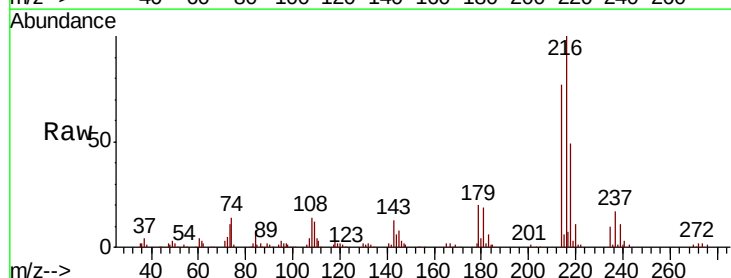
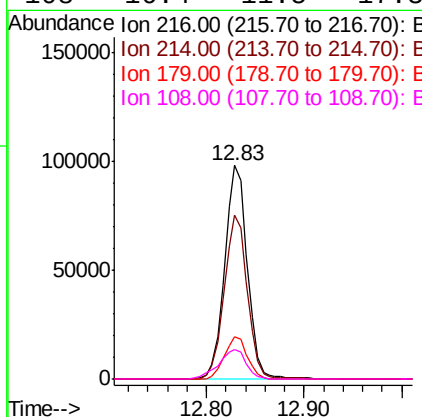
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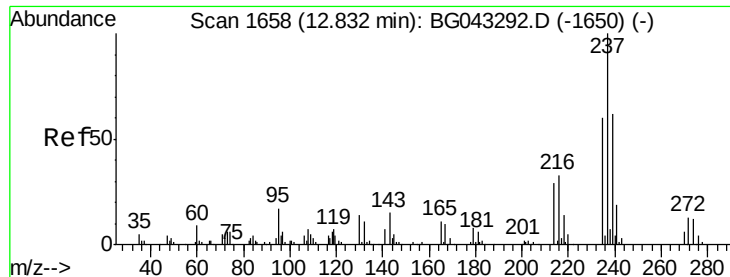
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.642 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	61.7	92.5	
179	19.9	15.8	23.8	
108	16.4	11.5	17.3	





#41

Hexachlorocyclopentadiene

Concen: 84.380 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

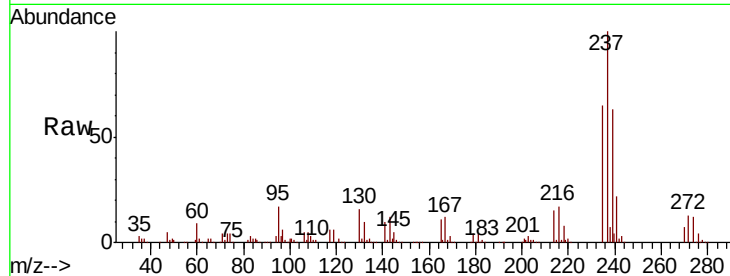
ClientSampleId :

PB124694BS

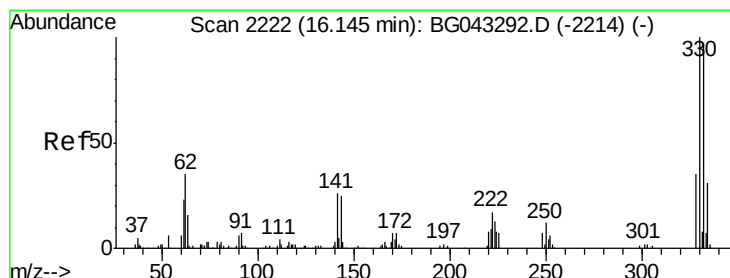
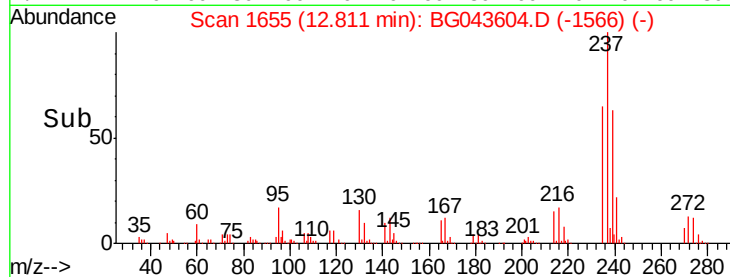
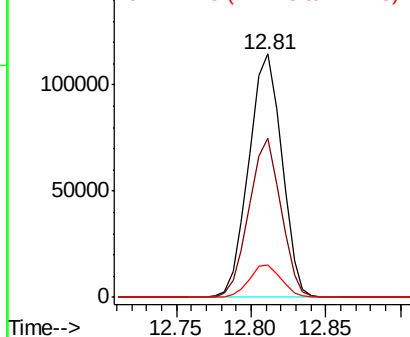
Tot Ion:	237	Resp:	175625
Ion Ratio		Lower	Upper
237	100		
235	65.3	41.6	81.6
272	13.2	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 88.457 ng

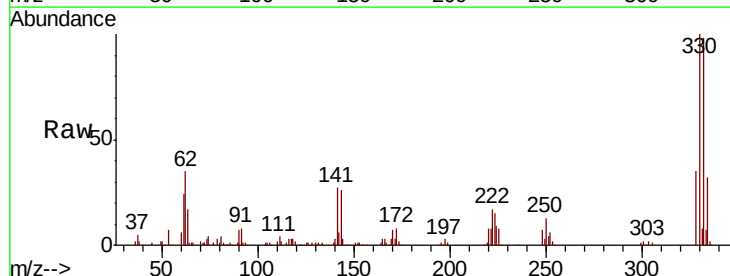
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

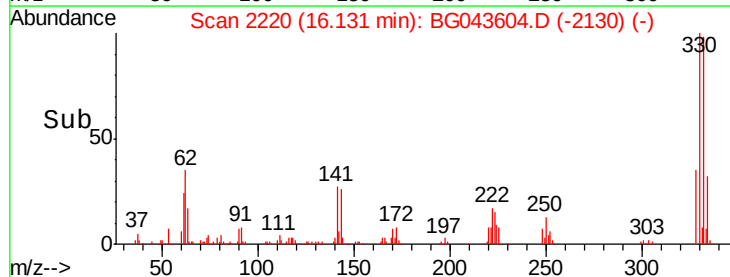
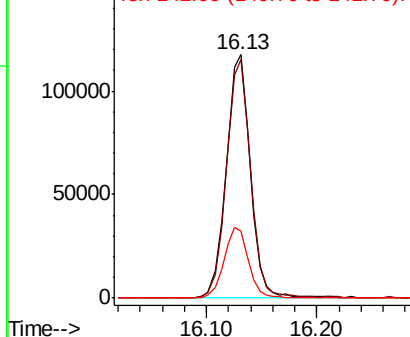
Lab File: BG043604.D

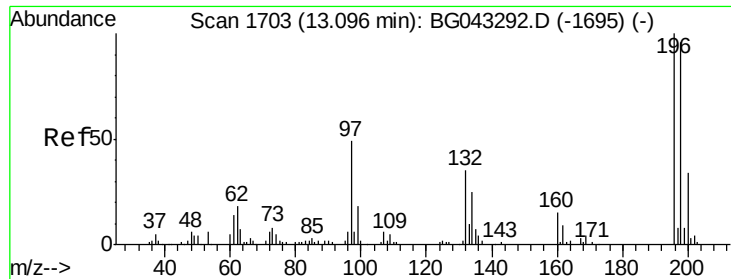
Acq: 12 Nov 2019 5:27

Tgt Ion:	330	Resp:	180221
Ion Ratio		Lower	Upper
330	100		
332	98.2	77.4	116.0
141	29.3	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





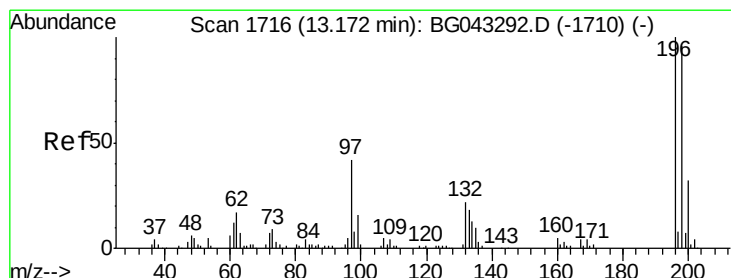
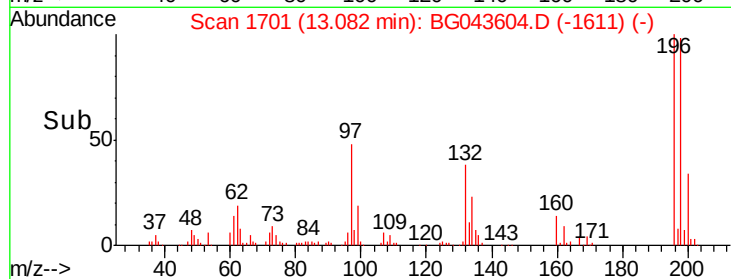
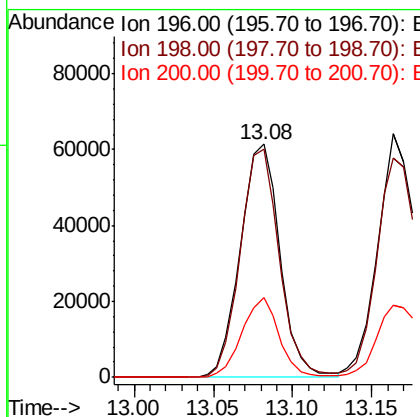
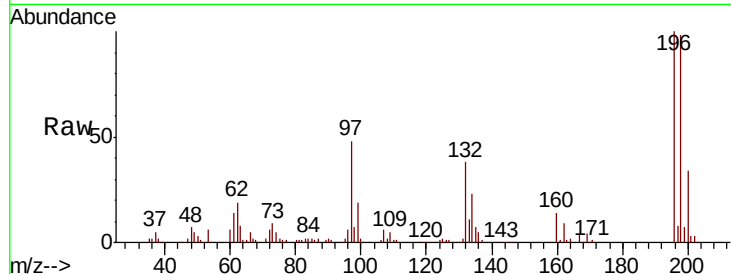
#43
 2,4,6-Trichlorophenol
 Concen: 45.873 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107038		
198	98.0	75.8	113.6	
200	34.1	23.9	35.9	

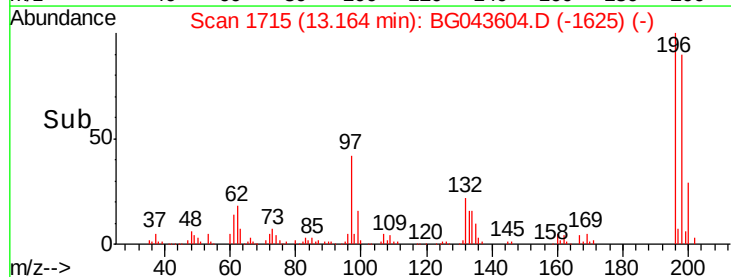
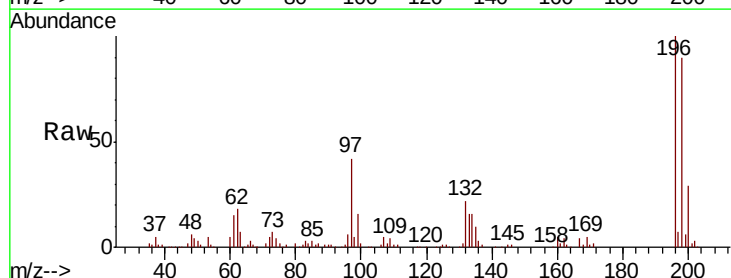
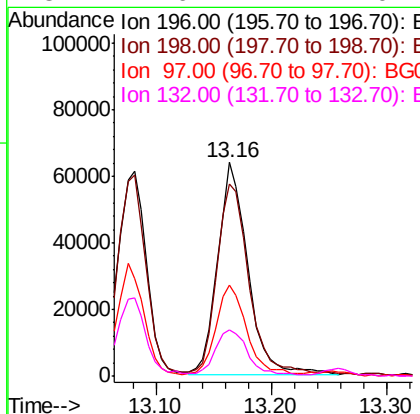
Manual Integrations
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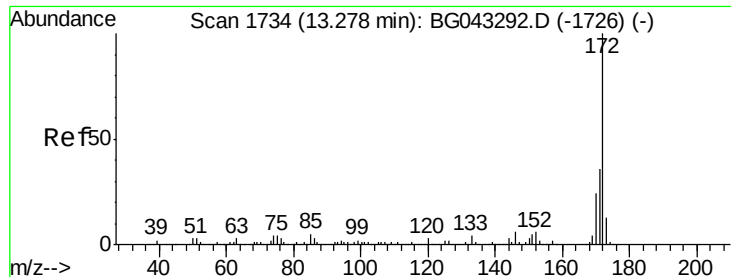
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.086 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115793		
198	89.8	74.5	111.7	
97	42.3	36.3	54.5	
132	21.6	17.4	26.2	





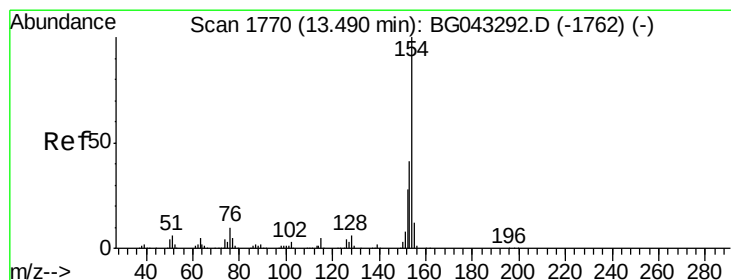
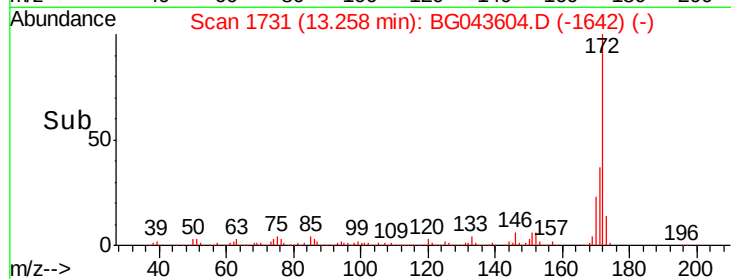
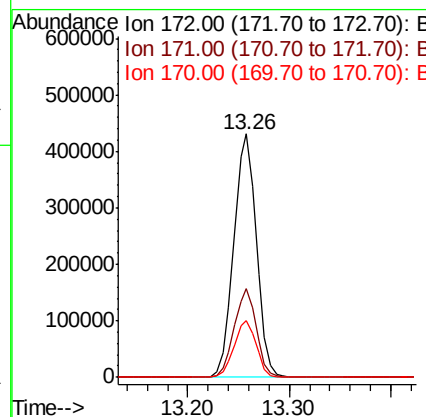
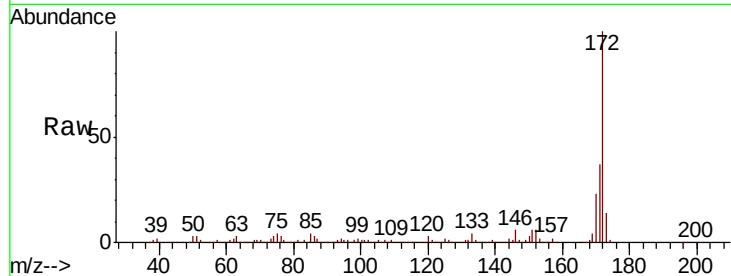
#45
2-Fluorobiphenyl
Concen: 86.027 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.6	28.9	43.3
170	23.1	18.5	27.7

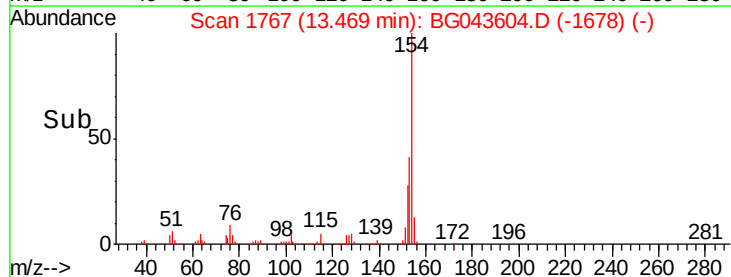
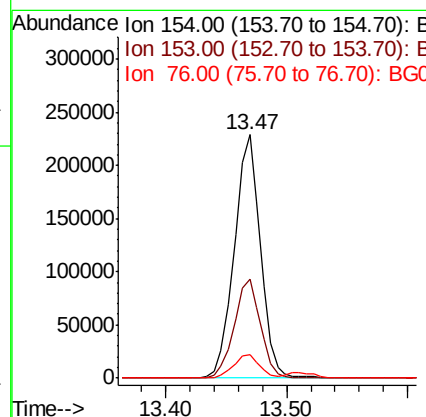
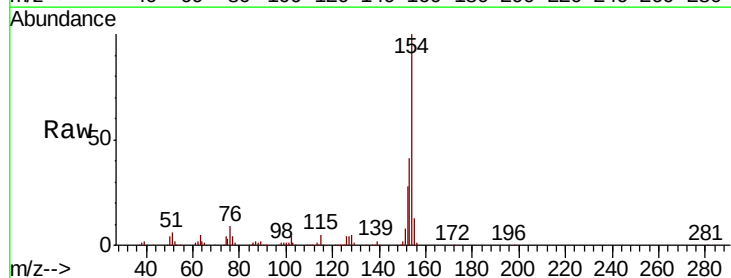
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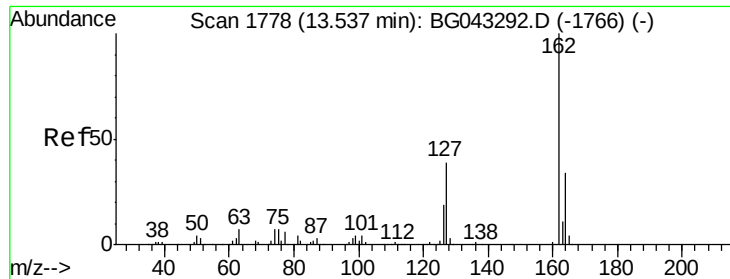
mohammad
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#46
1,1'-Biphenyl
Concen: 42.193 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.6	19.9	59.9
76	9.5	0.0	29.4





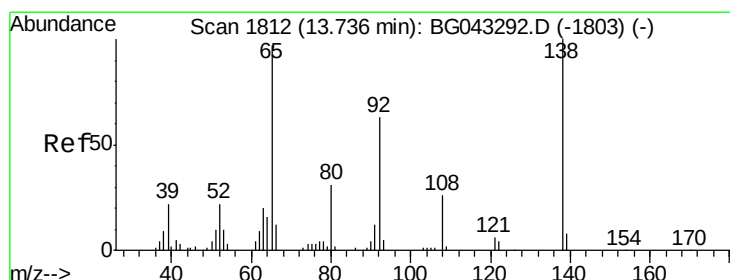
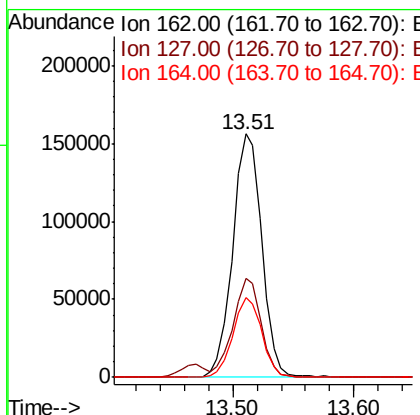
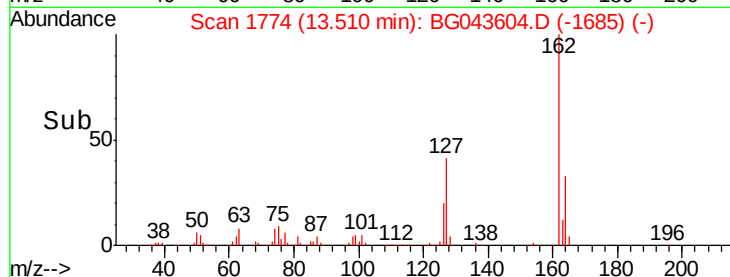
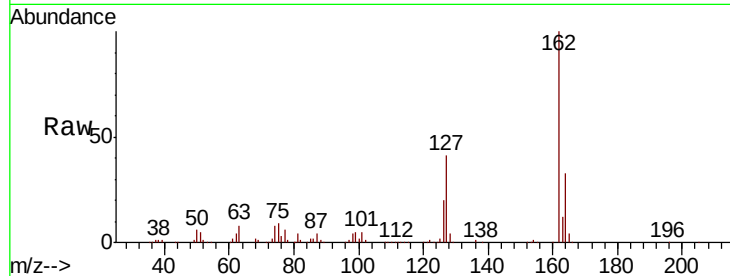
#47
2-Chloronaphthalene
Concen: 42.351 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	262452		
127	40.7	31.2	46.8	
164	32.7	25.8	38.8	

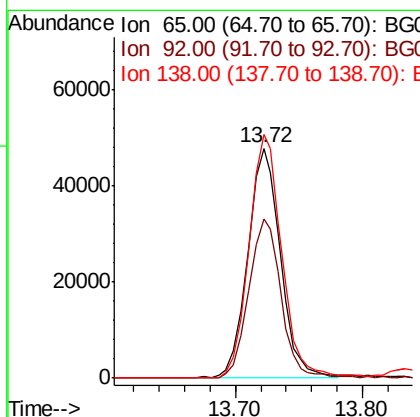
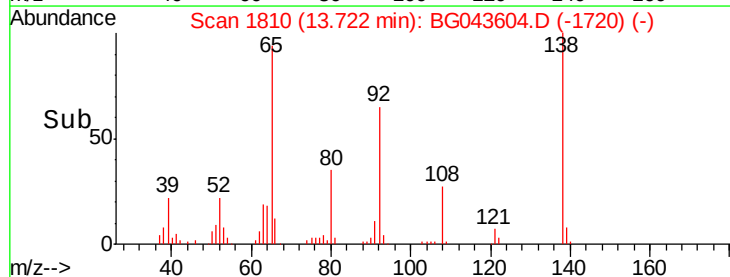
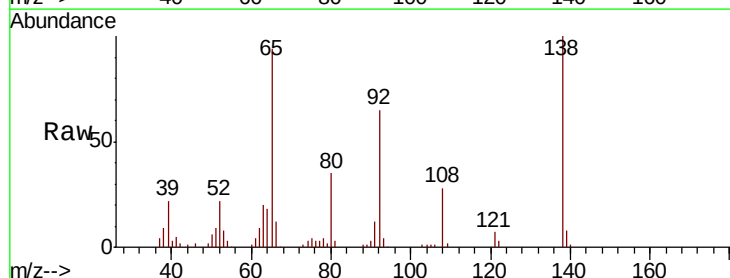
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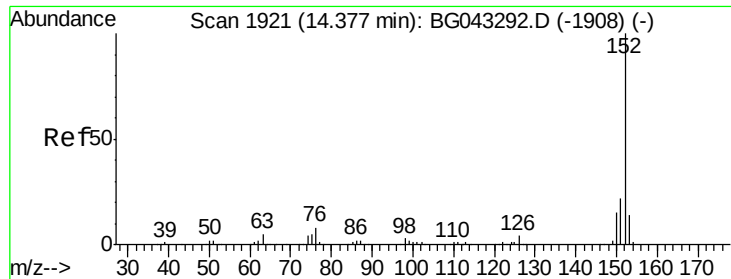
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#48
2-Nitroaniline
Concen: 46.251 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	85664		
92	69.3	56.2	84.2	
138	105.8	82.6	123.8	





#49

Acenaphthylene

Concen: 45.904 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

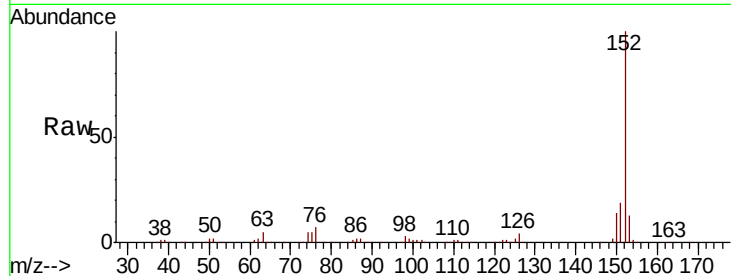
ClientSampleId :

PB124694BS

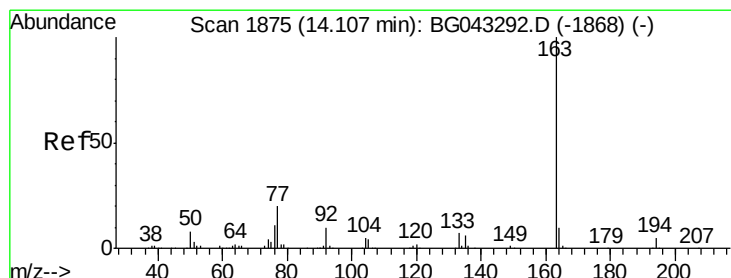
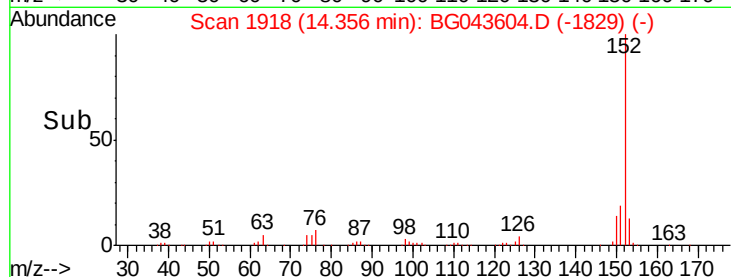
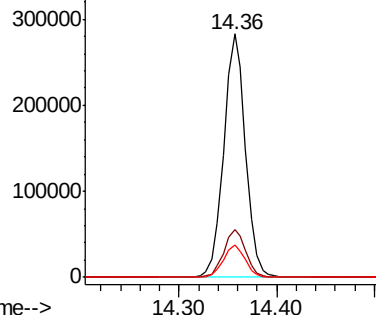
Tot Ion:	152	Resp:	442736
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.2	24.4
153	13.3	10.6	15.8

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.426 ng

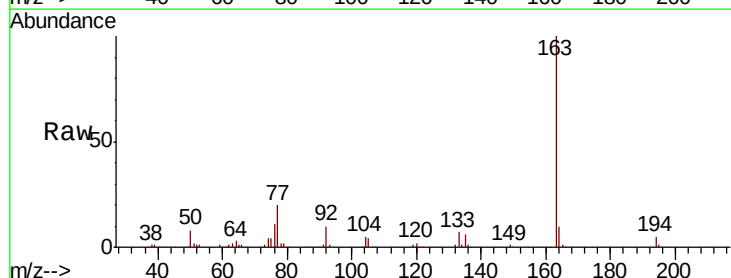
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

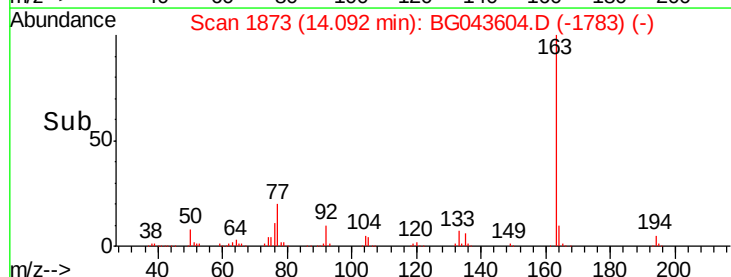
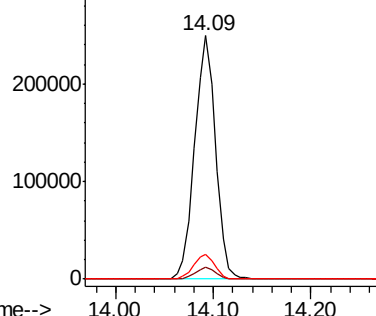
Lab File: BG043604.D

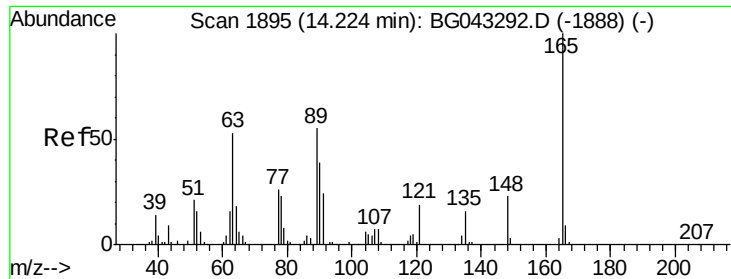
Acq: 12 Nov 2019 5:27

Tgt Ion:	163	Resp:	368410
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.6
164	10.3	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





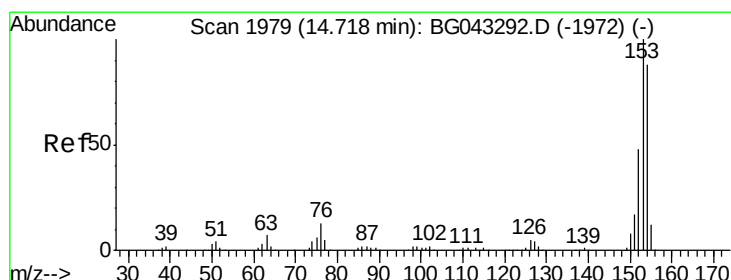
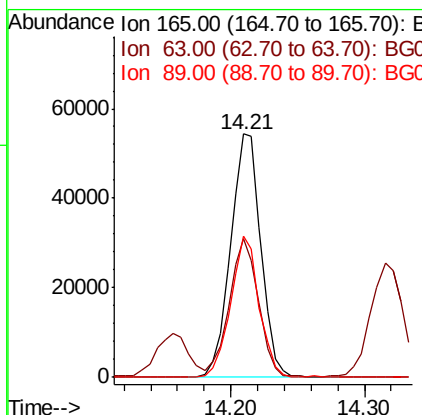
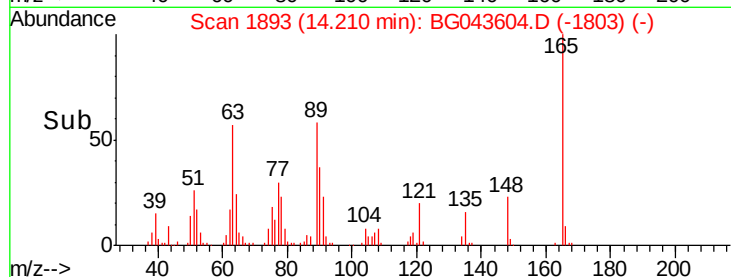
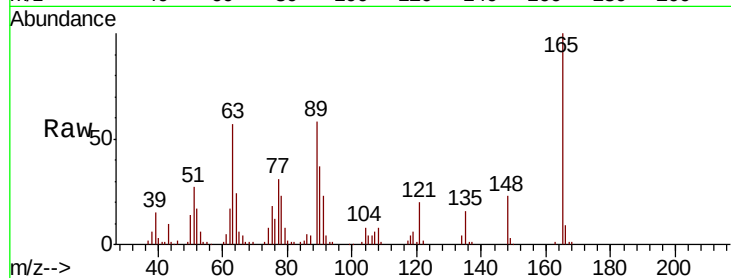
#51
 2,6-Dinitrotoluene
 Concen: 47.500 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	46.6	69.8
89	58.2	45.1	67.7

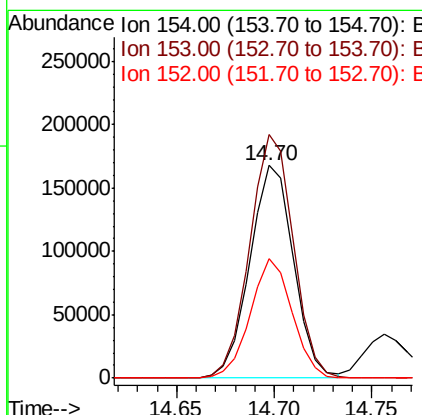
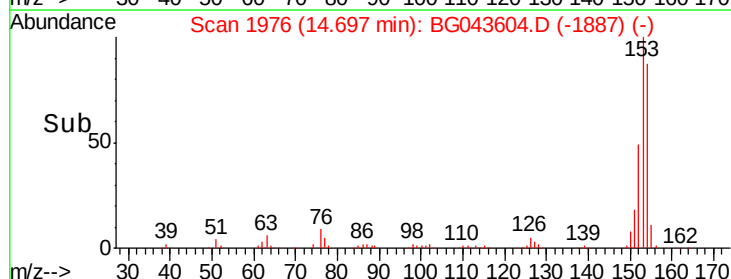
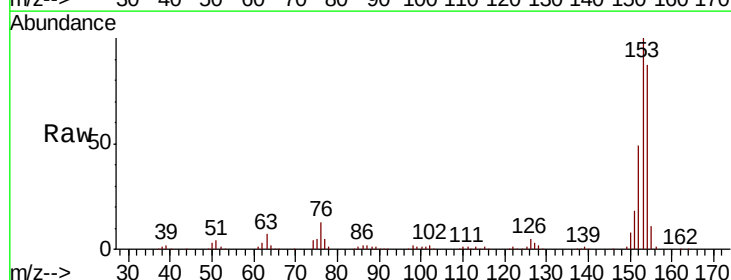
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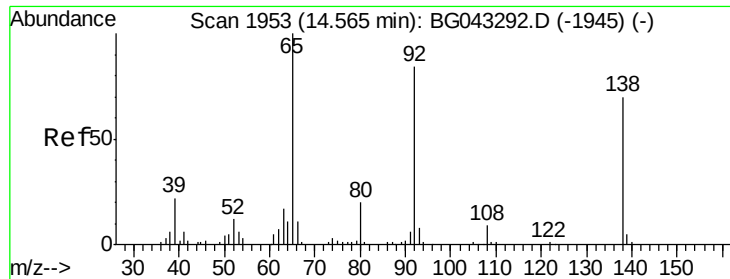
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#52
 Acenaphthene
 Concen: 44.309 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.2	132.2
152	56.0	40.0	60.0





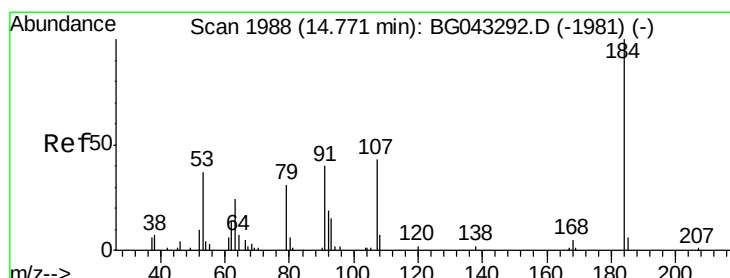
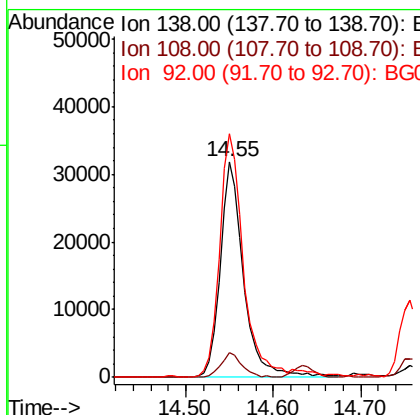
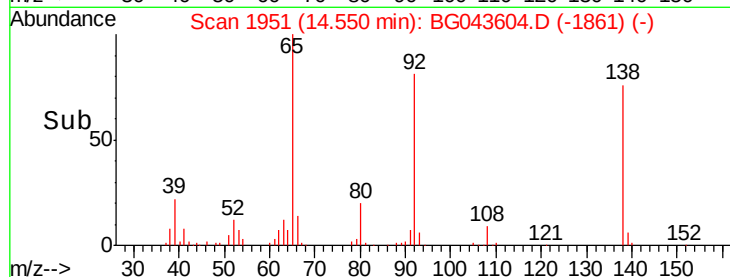
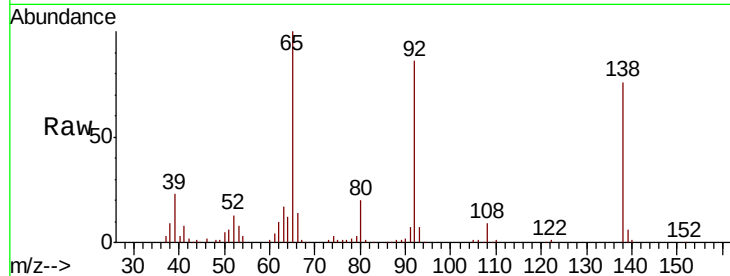
#53
3-Nitroaniline
Concen: 33.782 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.0	12.0
92	112.8	90.9	136.3

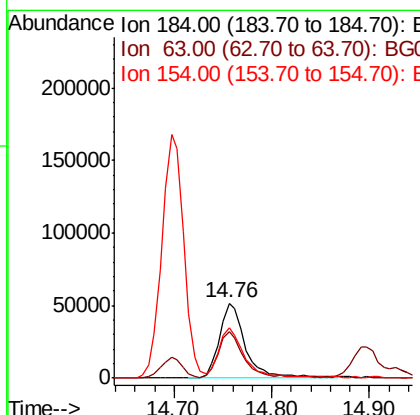
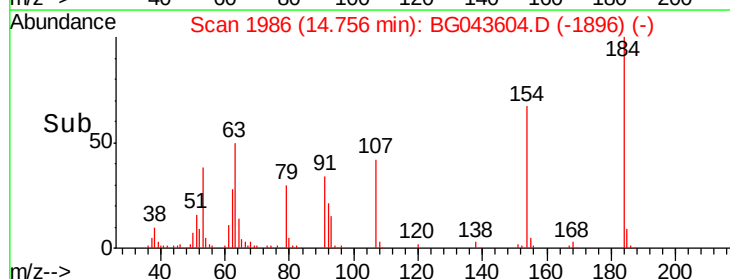
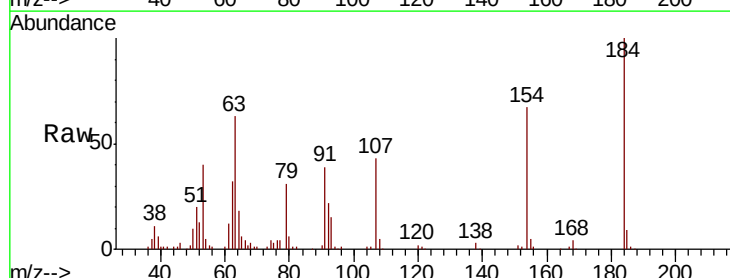
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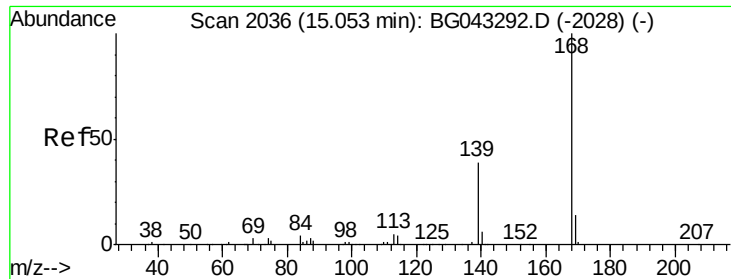
mohammad
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#54
2,4-Dinitrophenol
Concen: 84.681 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	51.3	76.9
154	67.5	55.4	83.0





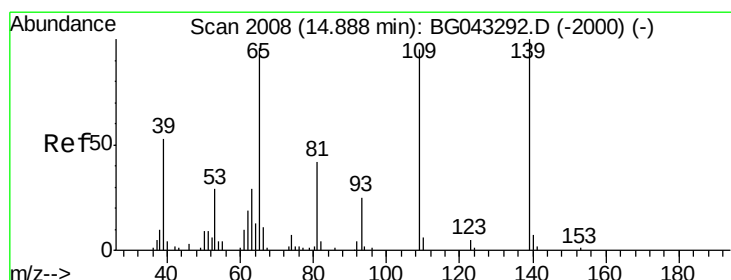
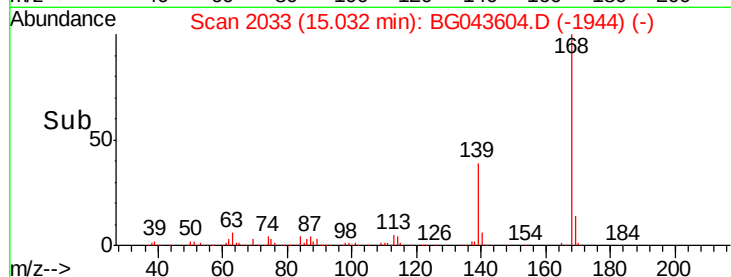
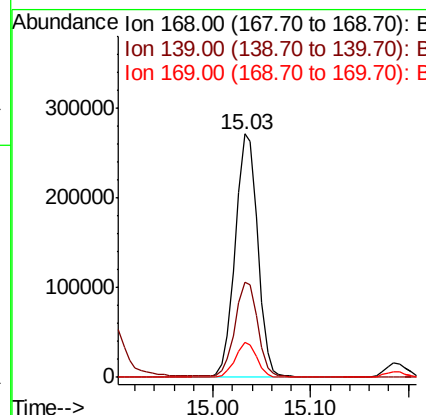
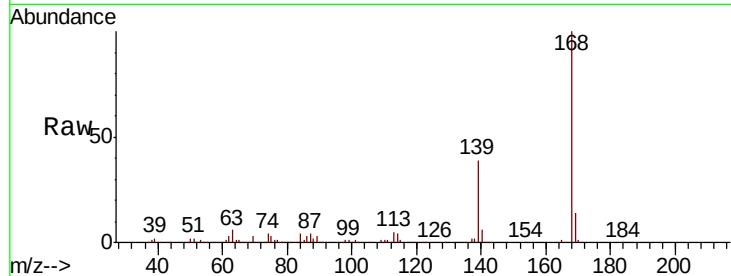
#55
Dibenzenofuran
Concen: 45.575 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.0	46.6
169	14.2	11.7	17.5

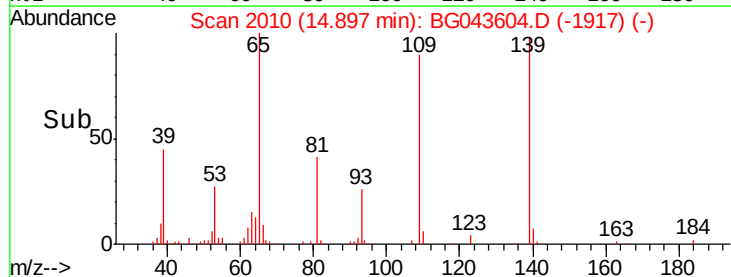
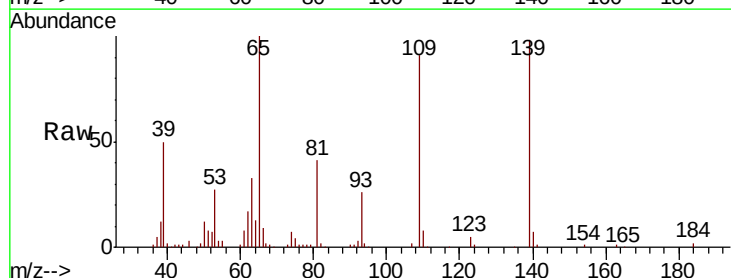
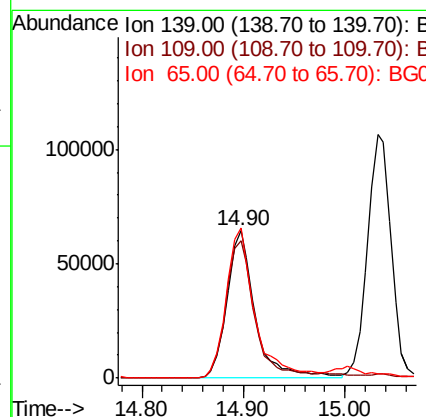
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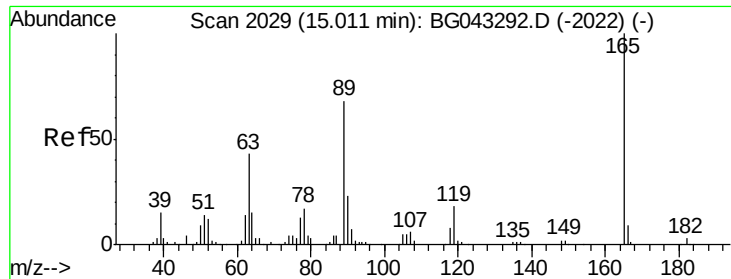
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#56
4-Nitrophenol
Concen: 106.567 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.2	87.2	127.2
65	102.4	83.8	123.8





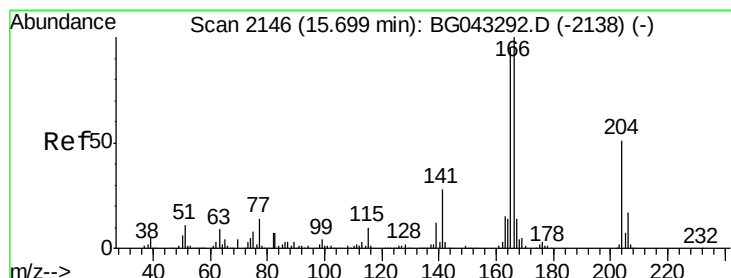
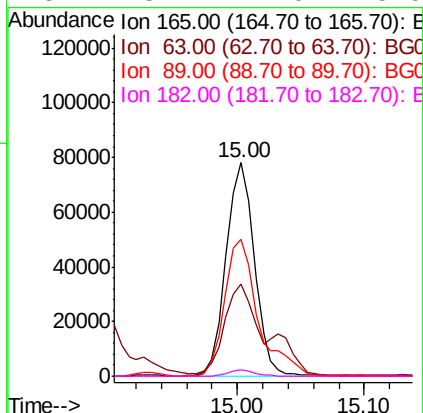
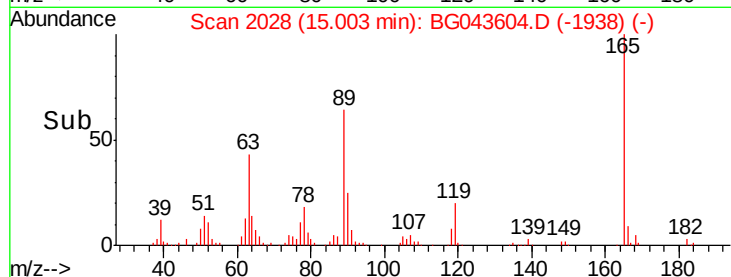
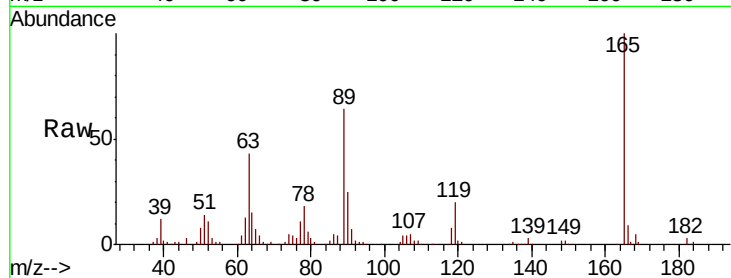
#57
2,4-Dinitrotoluene
Concen: 47.067 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	121181		
63	43.3	33.2	49.8	
89	64.2	52.2	78.4	
182	3.2	2.0	3.0#	

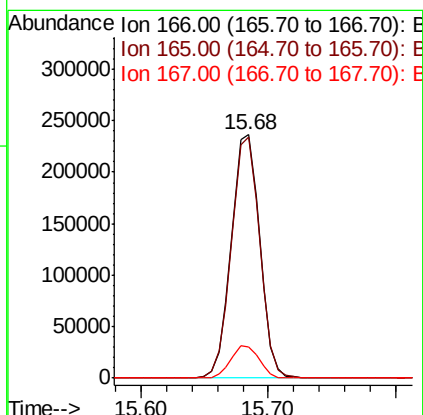
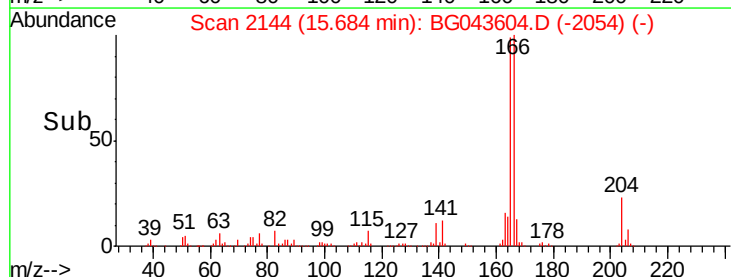
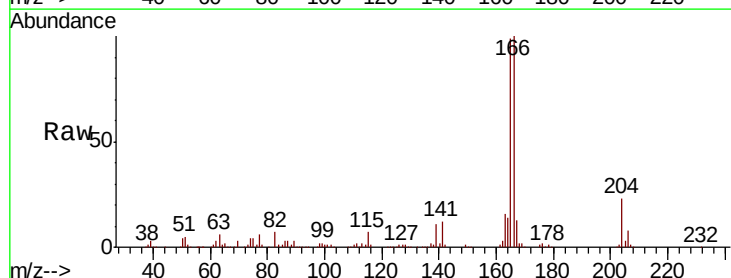
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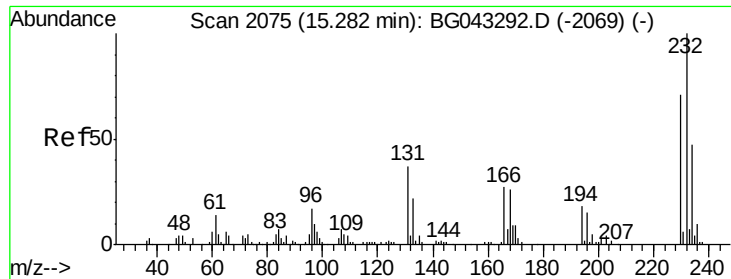
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#58
Fluorene
Concen: 45.804 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	366420		
165	98.8	79.0	118.6	
167	13.0	10.5	15.7	





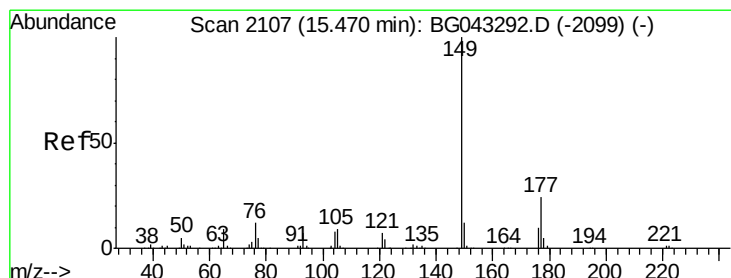
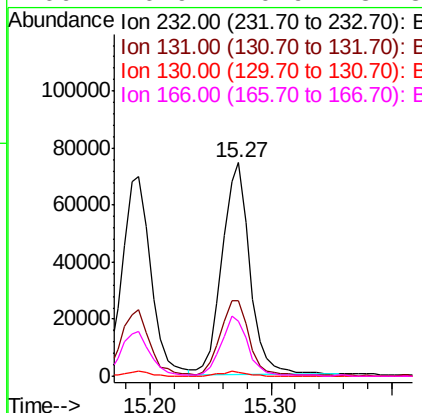
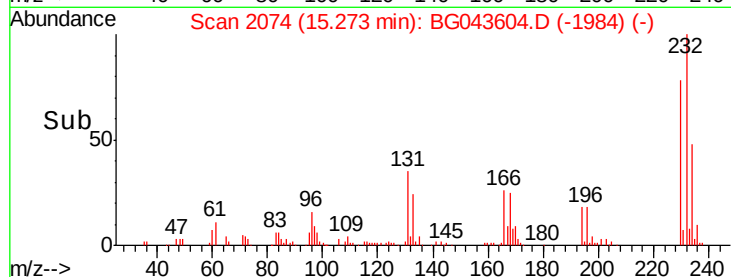
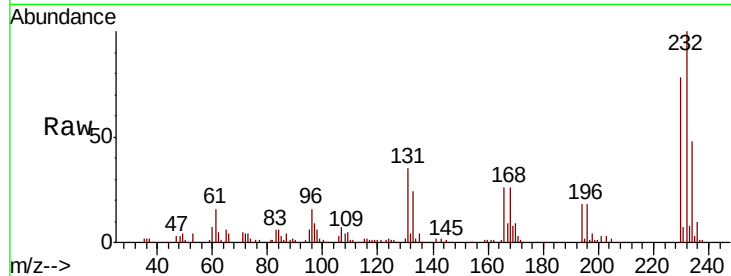
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.451 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	118926		
131	36.1	26.9	40.3	
130	2.2	1.8	2.6	
166	26.9	20.9	31.3	

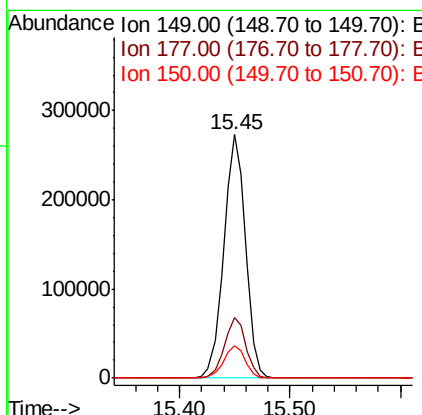
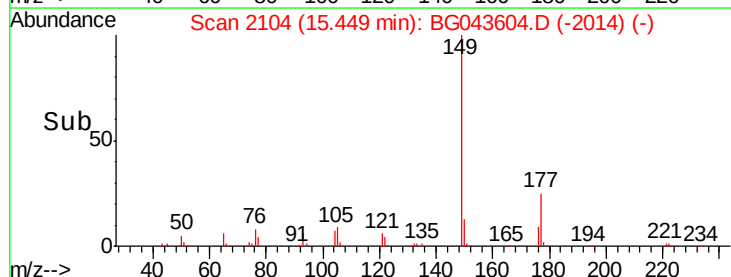
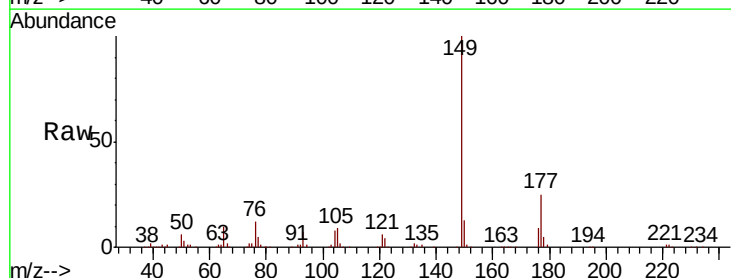
Manual Integrations
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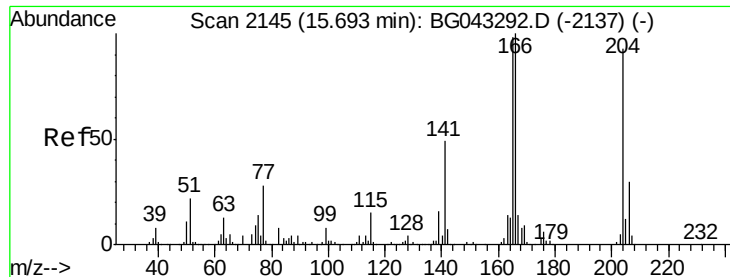
mohammad
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#60
Diethylphthalate
Concen: 44.956 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	374583		
177	24.7	19.6	29.4	
150	13.3	10.8	16.2	





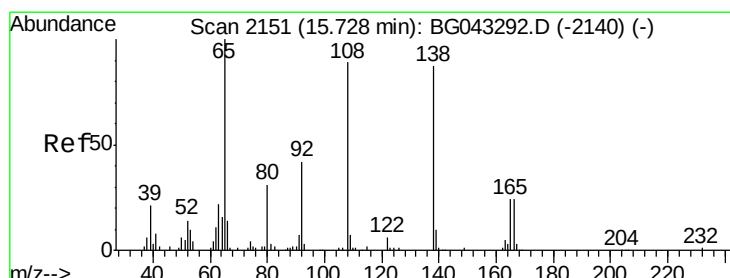
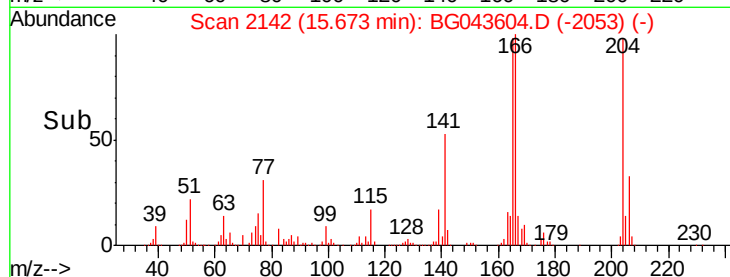
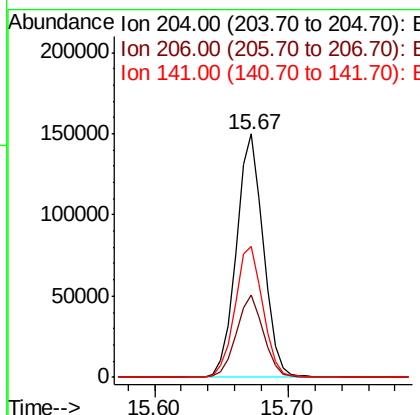
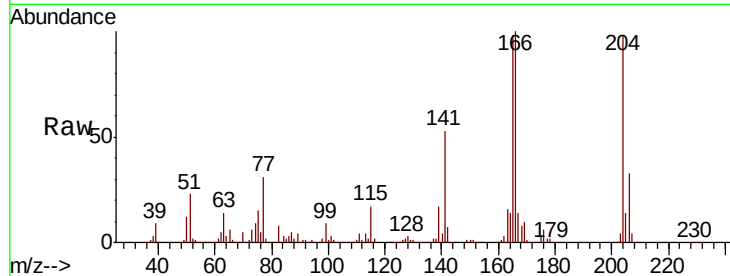
#61
4-Chlorophenyl-phenylether
Concen: 45.105 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.4	42.6
141	53.9	43.0	64.6

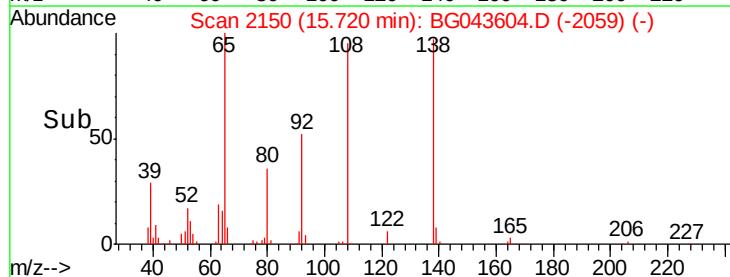
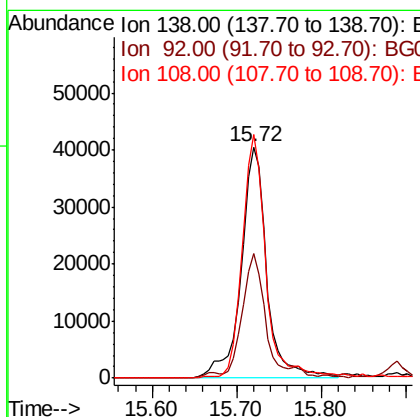
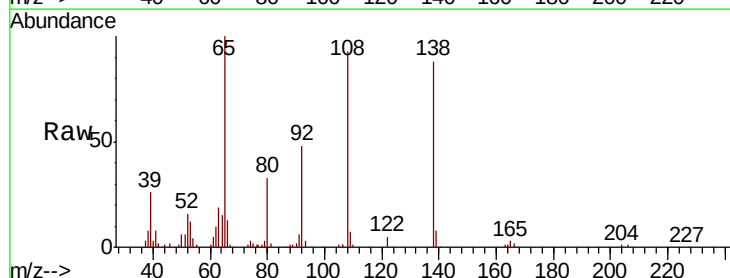
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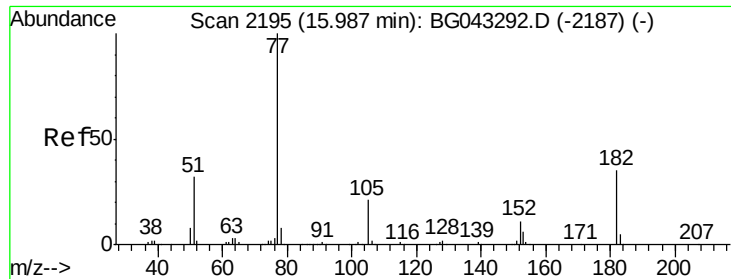
mohammad
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#62
4-Nitroaniline
Concen: 47.289 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	33.4	73.4
108	105.5	78.0	118.0





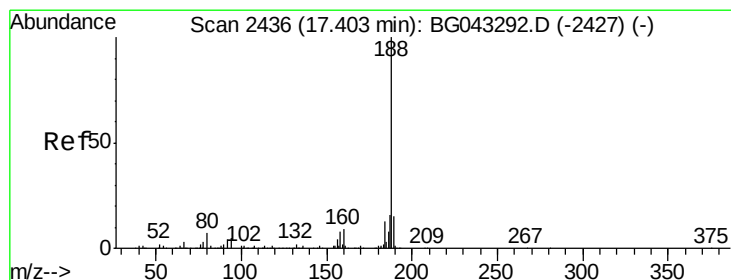
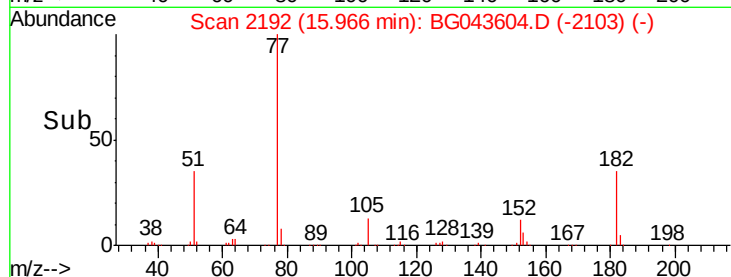
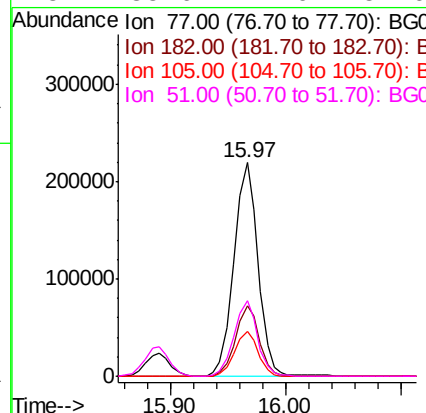
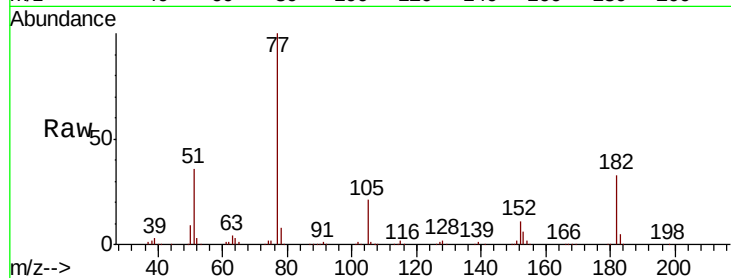
#63
Azobenzene
Concen: 46.703 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.9	13.7	53.7		
105	21.3	0.4	40.4		
51	35.6	11.0	51.0		

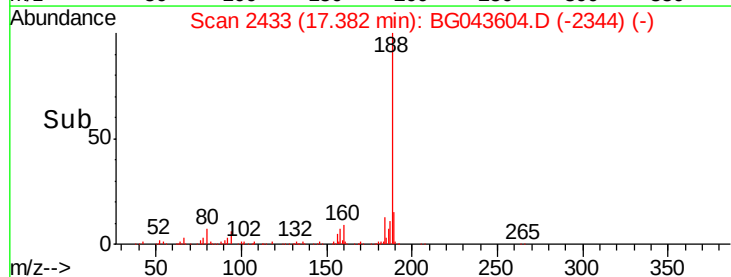
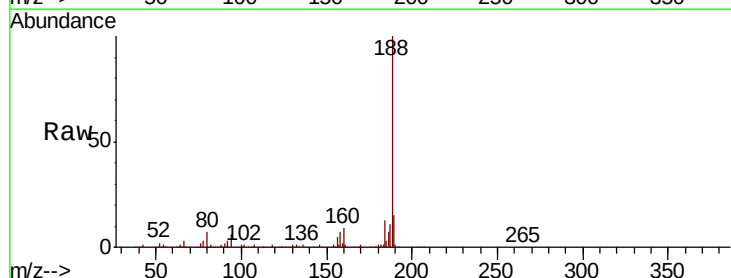
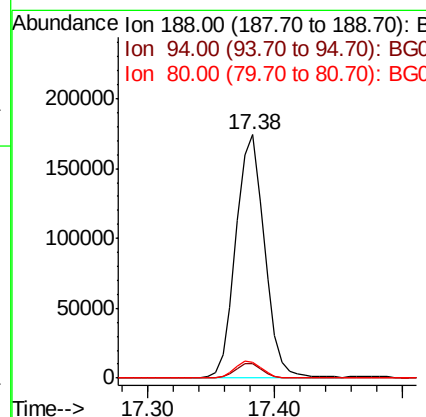
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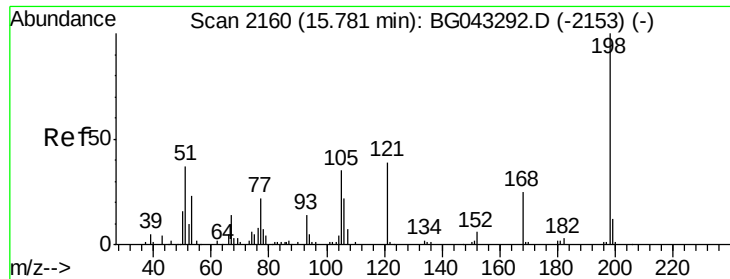
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.7	4.2	6.4		
80	6.6	4.5	6.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 47.467 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

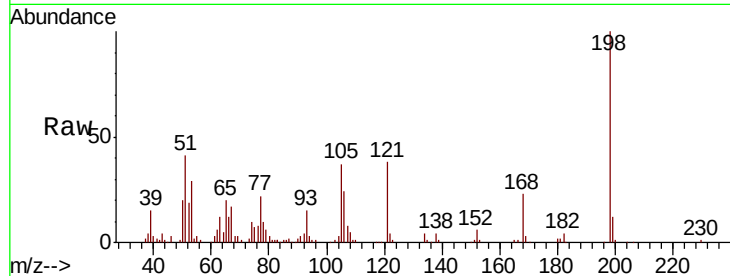
ClientSampleId :

PB124694BS

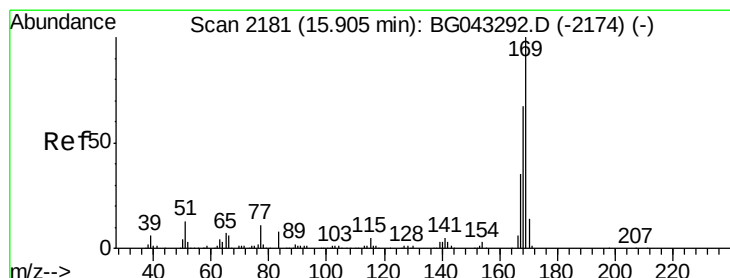
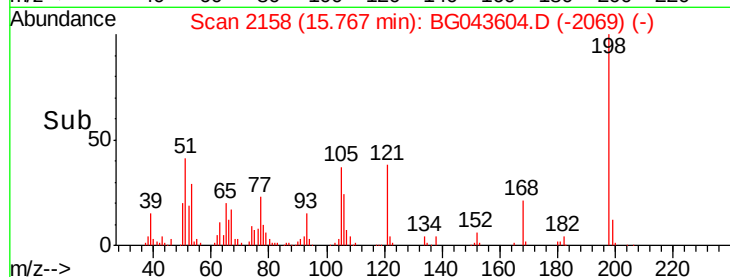
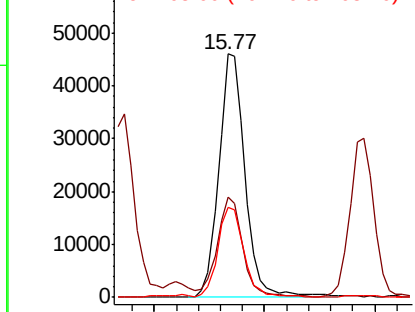
Tot Ion:	198	Resp:	76297
Ion Ratio	Lower	Upper	
198	100		
51	41.2	13.2	53.2
105	37.2	15.8	55.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.421 ng

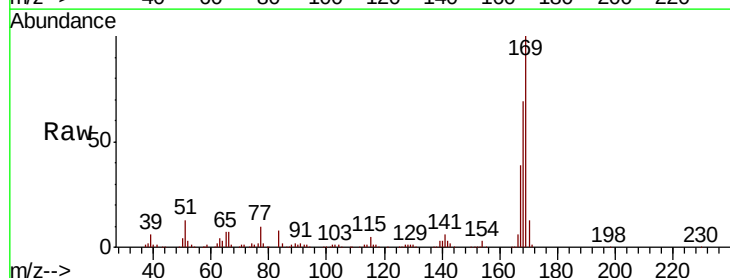
RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

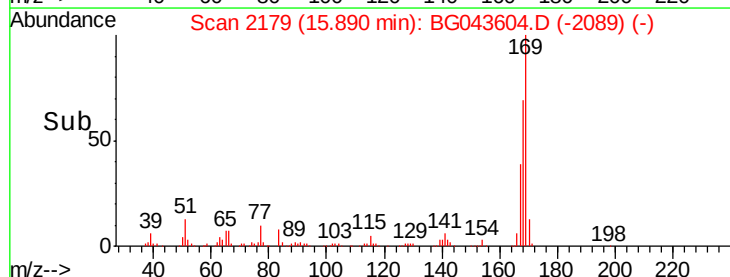
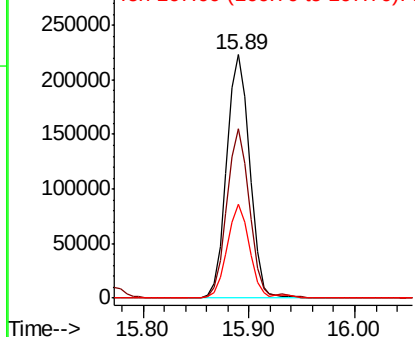
Lab File: BG043604.D

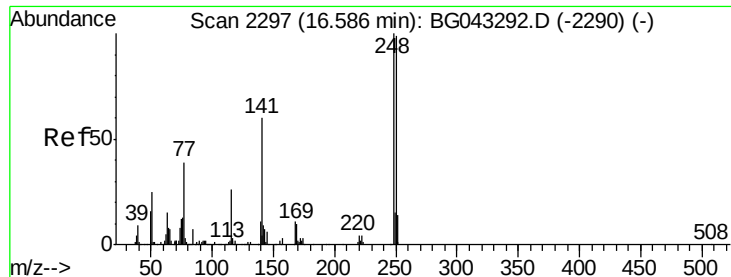
Acq: 12 Nov 2019 5:27

Tgt Ion:	169	Resp:	334828
Ion Ratio	Lower	Upper	
169	100		
168	69.5	53.8	80.6
167	38.7	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





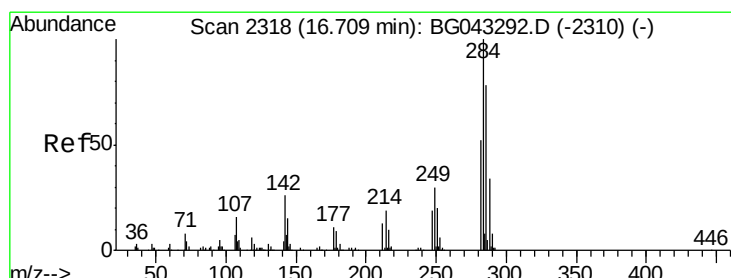
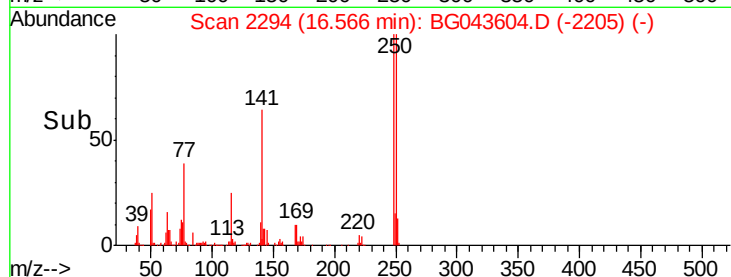
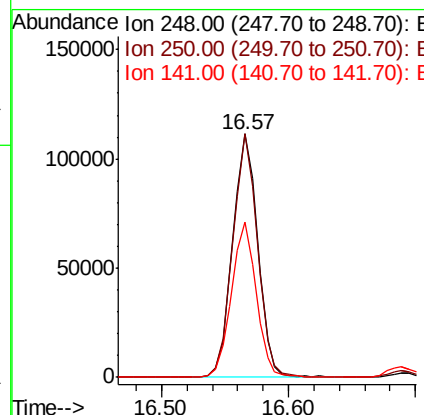
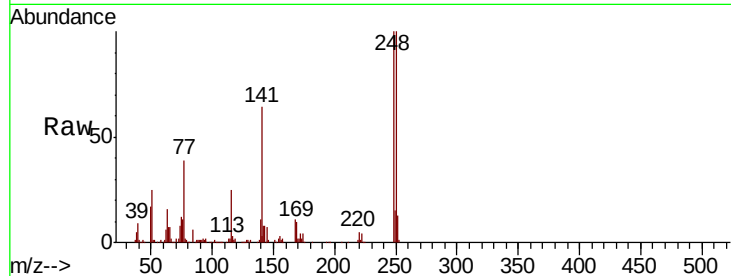
#67
4-Bromophenyl-phenylether
Concen: 41.483 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.4
141	63.6	47.5	71.3

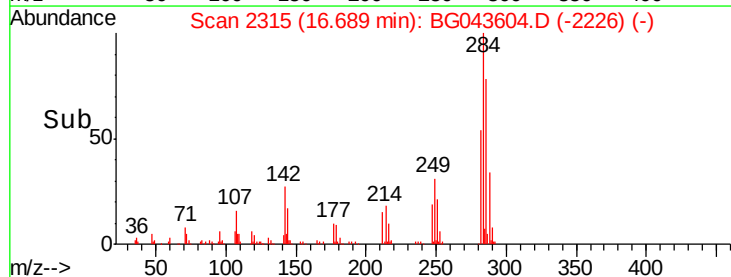
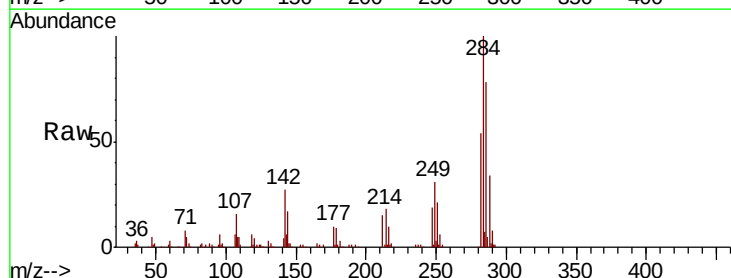
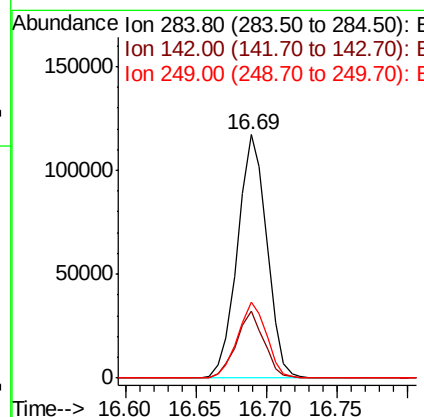
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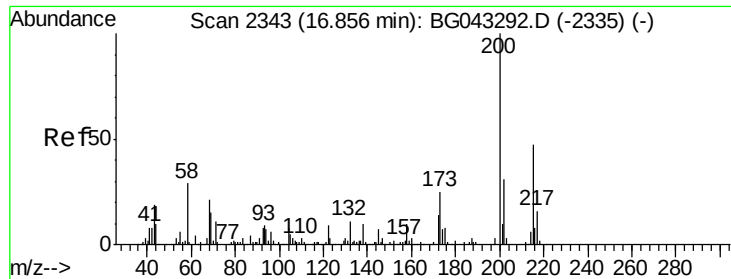
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#68
Hexachlorobenzene
Concen: 40.266 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	19.8	29.8
249	31.0	23.8	35.6





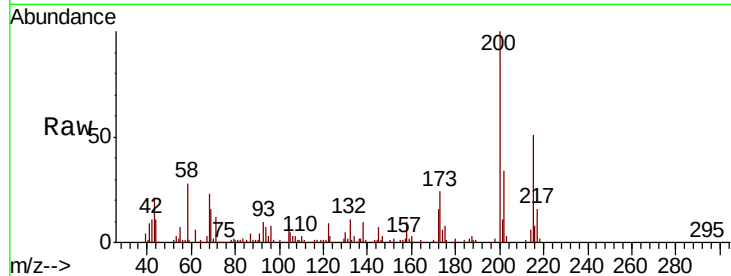
#69
Atrazine
Concen: 55.809 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	149537		
173	24.3	4.7	44.7	
215	50.6	28.5	68.5	

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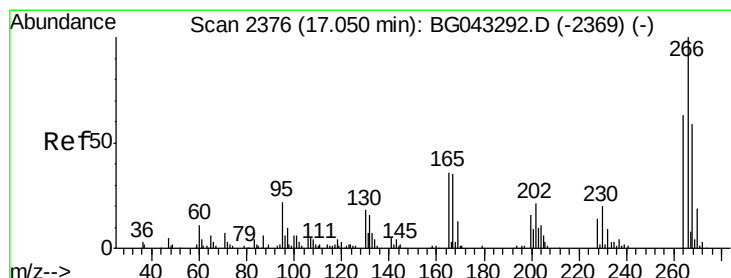
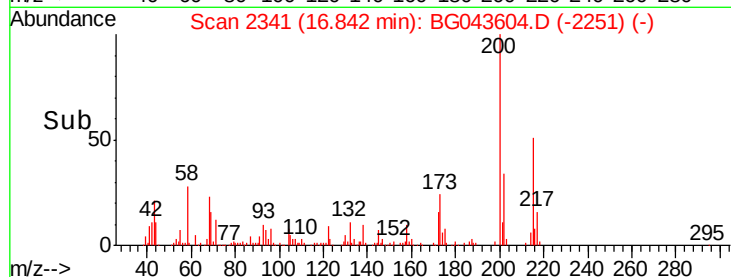
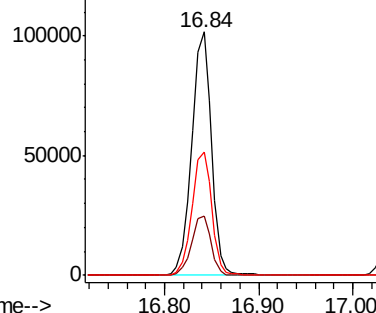


Abundance

Ion 200.00 (199.70 to 200.70): E

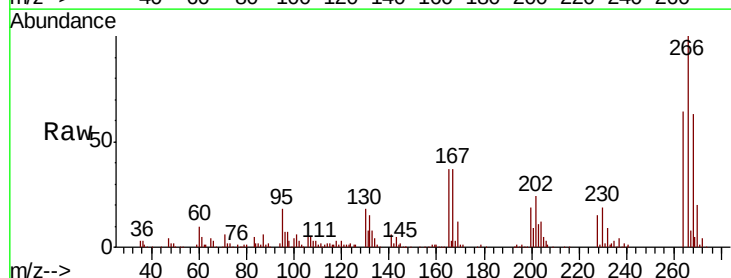
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.308 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	169777		
268	62.7	50.4	75.6	
264	64.1	48.9	73.3	

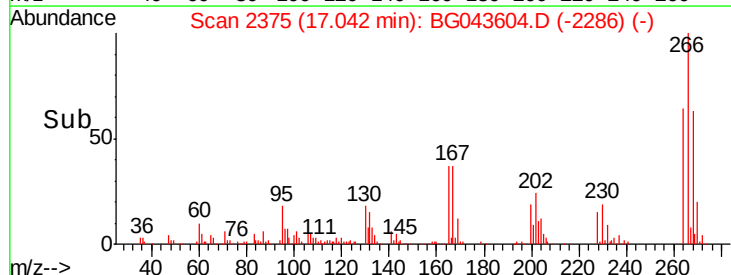
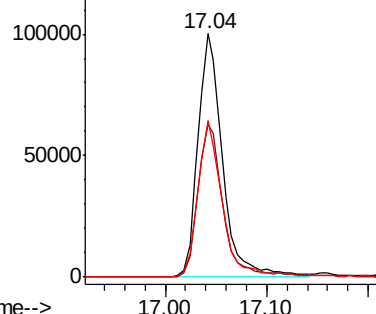


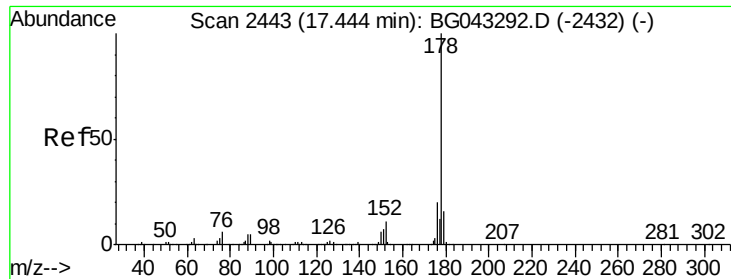
Abundance

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





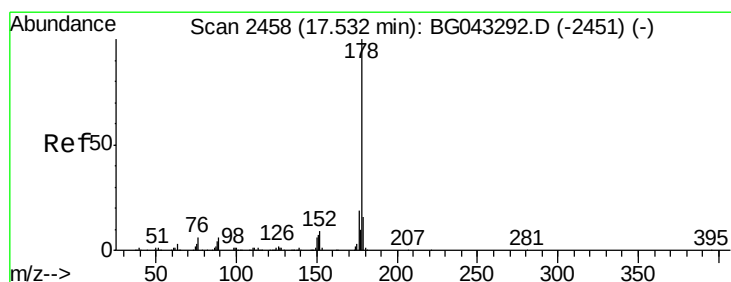
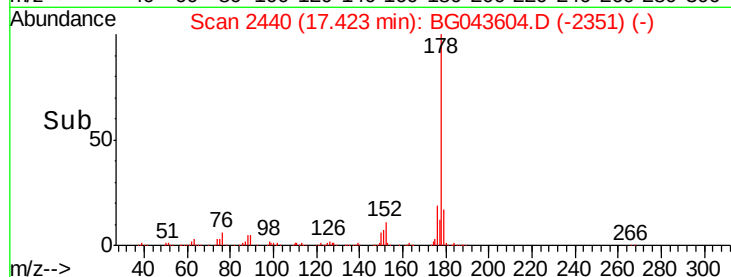
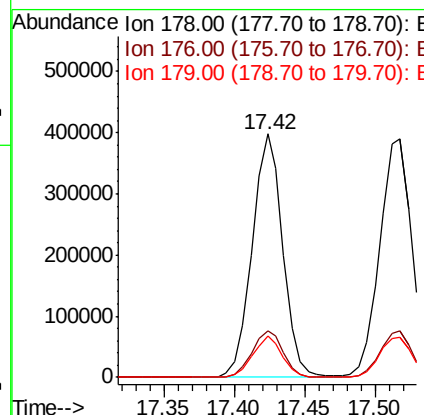
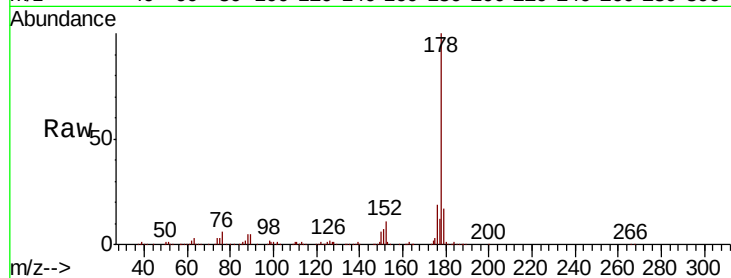
#71
Phenanthrene
Concen: 43.256 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.8	13.0	19.6

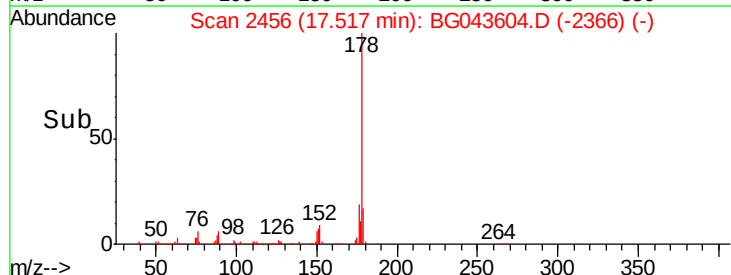
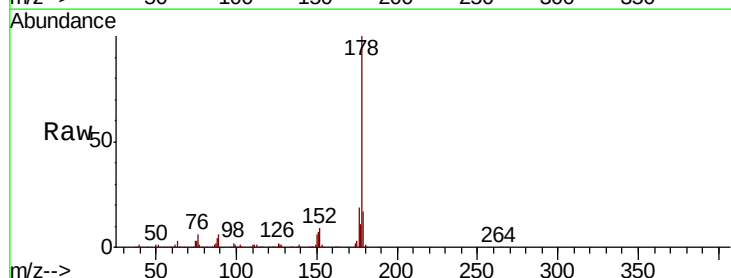
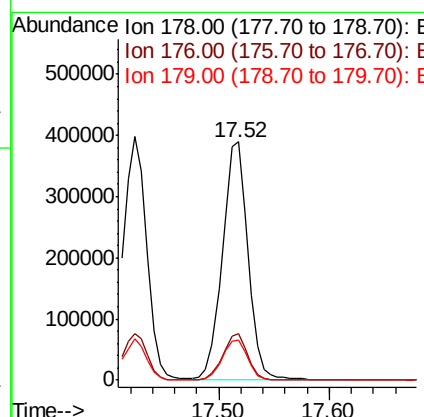
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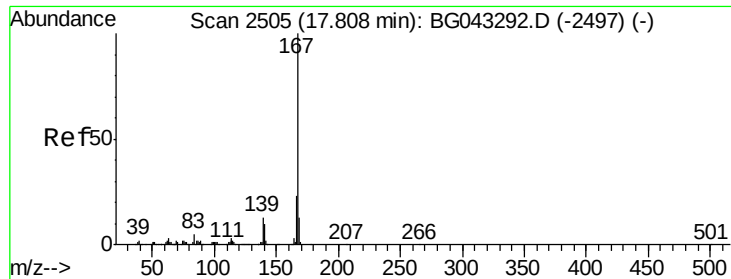
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#72
Anthracene
Concen: 44.741 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.7	13.7	20.5





#73

Carbazole

Concen: 44.416 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

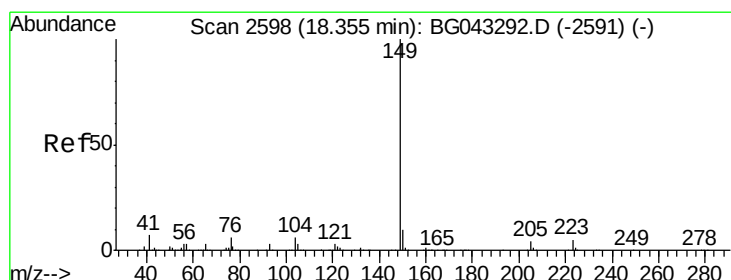
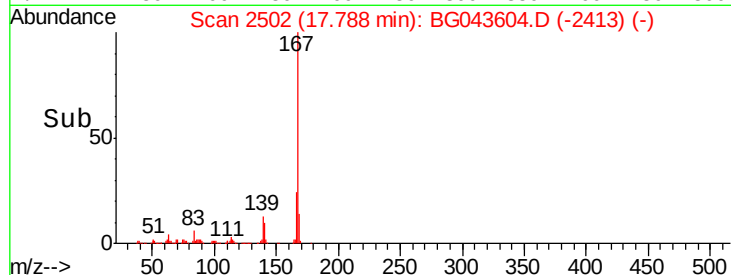
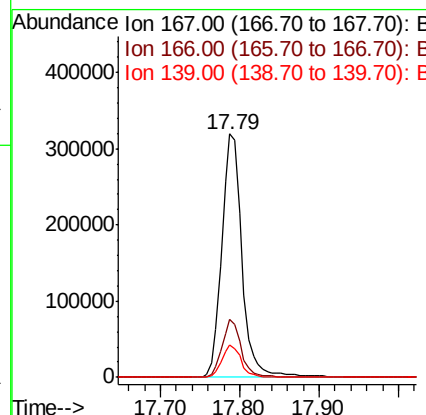
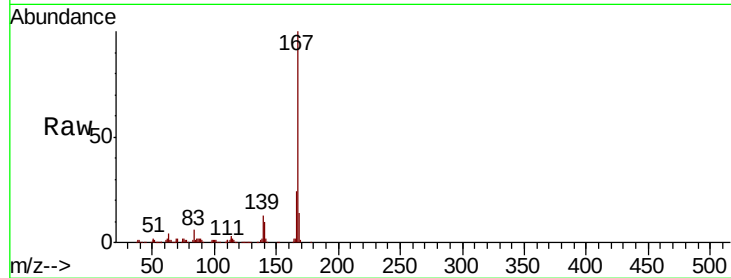
ClientSampleId :

PB124694BS

Tot Ion:	167	Resp:	562852
Ion Ratio	Lower	Upper	
167	100		
166	23.9	18.7	28.1
139	13.3	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 43.986 ng

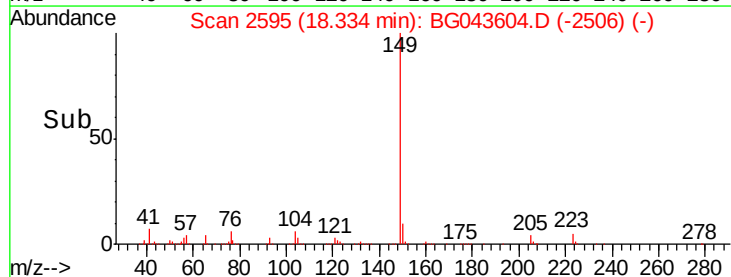
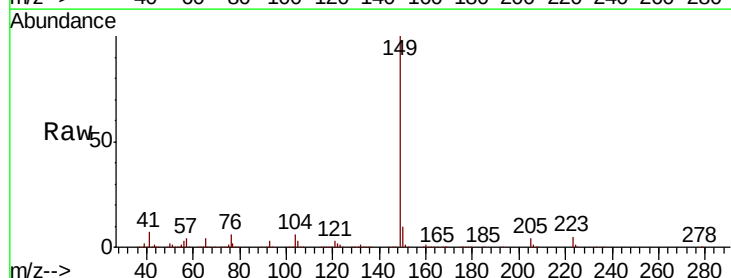
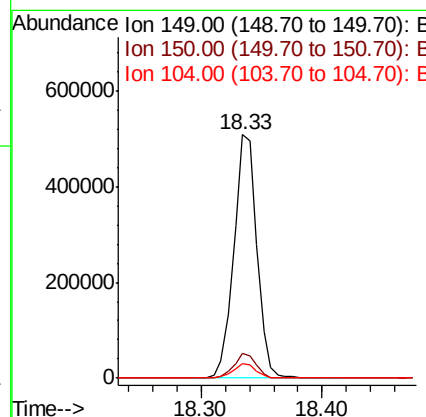
RT: 18.33 min Scan# 2595

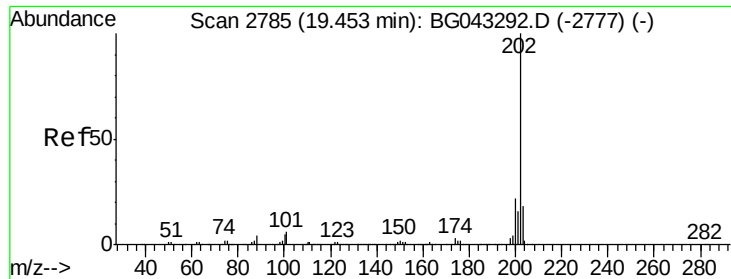
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	149	Resp:	676322
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 43.657 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

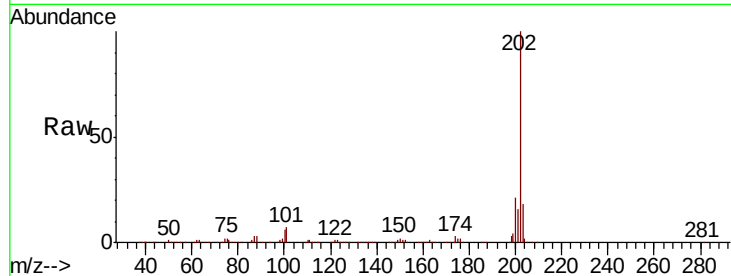
ClientSampleId :

PB124694BS

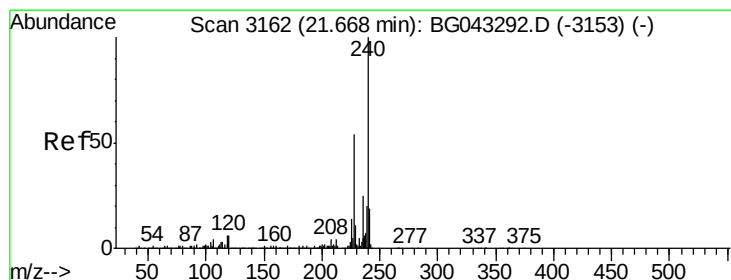
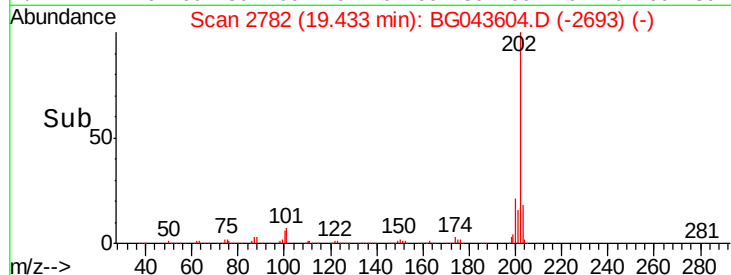
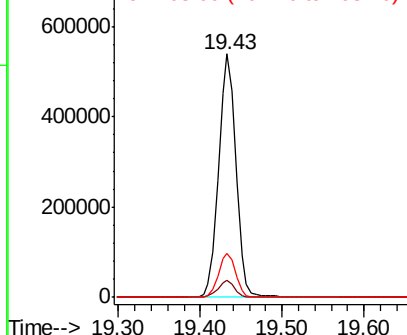
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		796026		
101	6.9	0.0	26.3		
203	18.2	0.0	37.9		

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



#76

Chrysene-d12

Concen: 20.000 ng

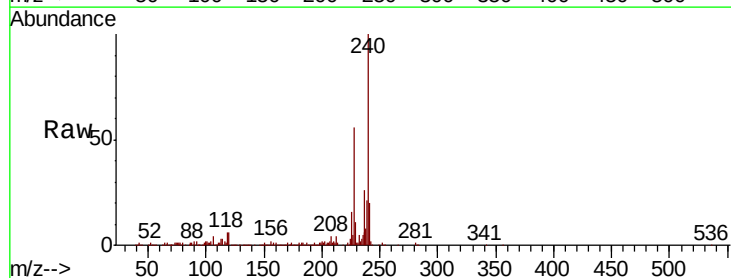
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

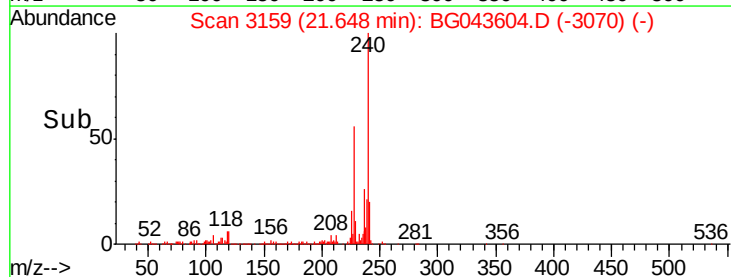
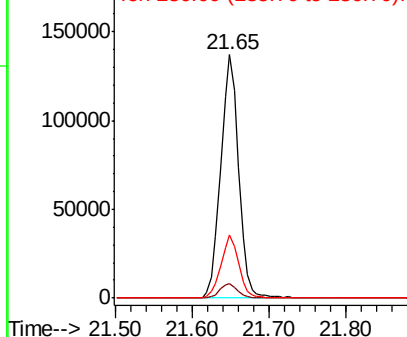
Lab File: BG043604.D

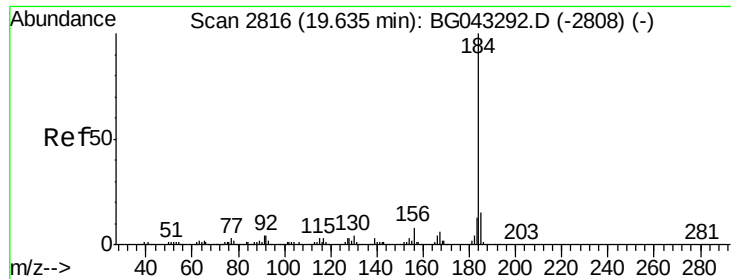
Acq: 12 Nov 2019 5:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		220944		
120	5.7	4.6	6.8		
236	25.9	19.8	29.8		



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





#77

Benzidine

Concen: 69.983 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

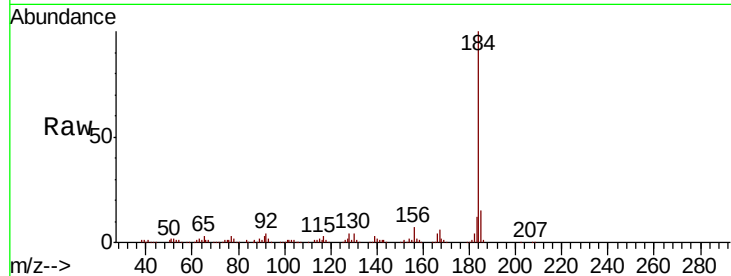
ClientSampleId :

PB124694BS

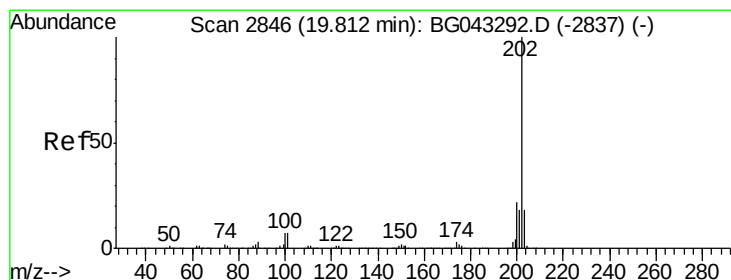
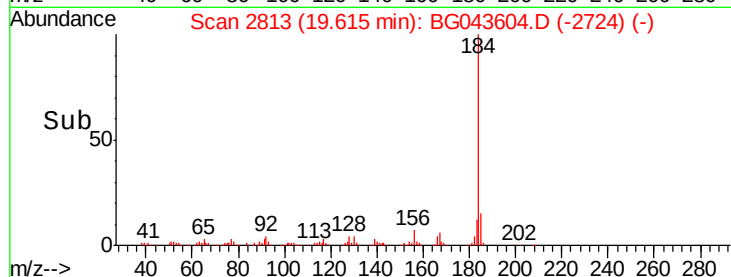
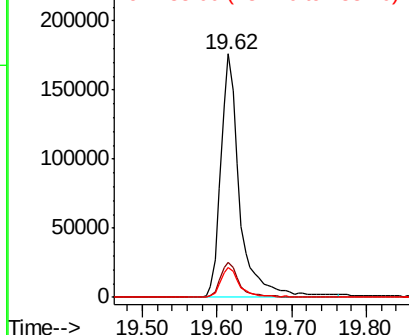
Tot Ion:	184	Resp:	311185
Ion Ratio		Lower	Upper
184	100		
185	14.6	11.0	16.4
183	12.2	10.0	15.0

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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: 57.230 ng

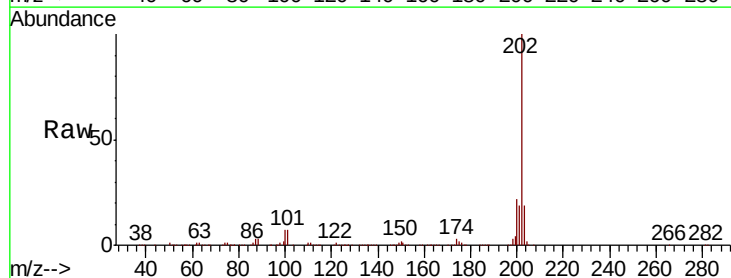
RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

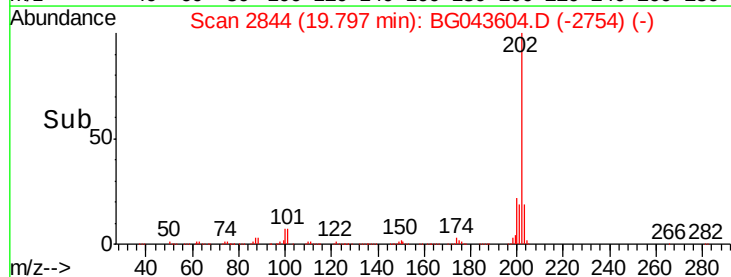
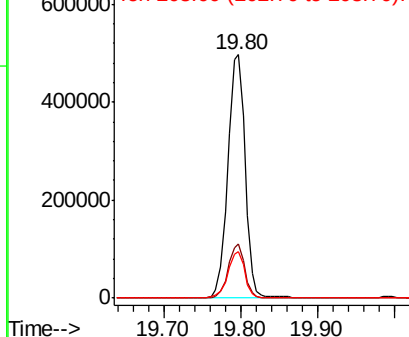
Lab File: BG043604.D

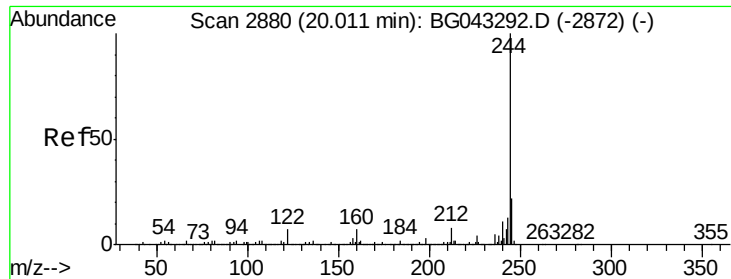
Acq: 12 Nov 2019 5:27

Tgt Ion:	202	Resp:	782693
Ion Ratio		Lower	Upper
202	100		
200	22.2	17.0	25.4
203	18.9	14.7	22.1



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





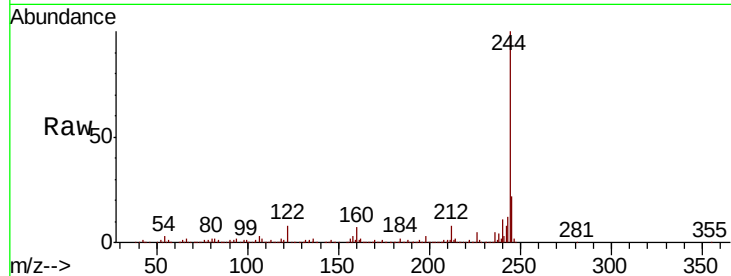
#79
 Terphenyl-d14
 Concen: 110.368 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	7.7	5.4	8.2

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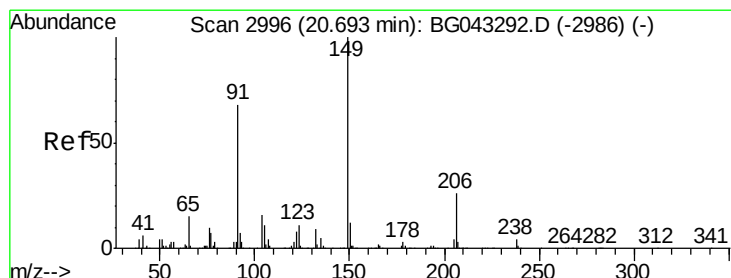
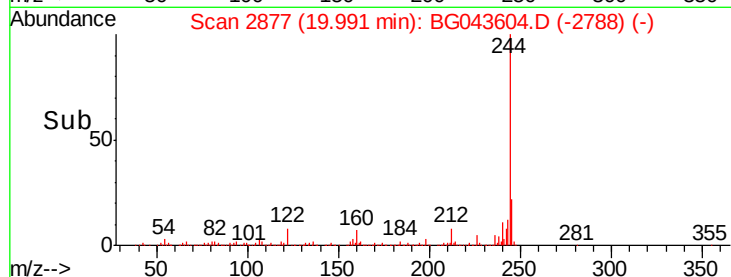
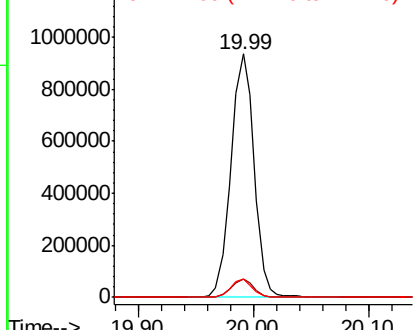


Abundance

Ion 244.00 (243.70 to 244.70): E

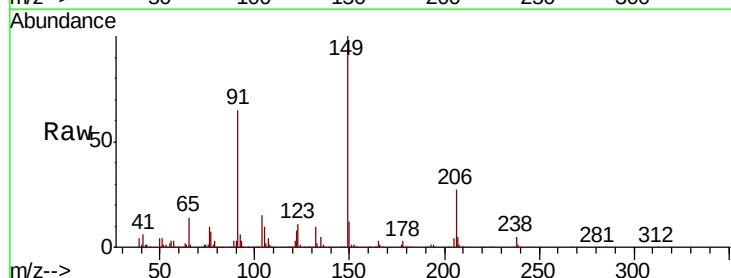
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 46.464 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	51.2	76.8
206	27.1	22.5	33.7

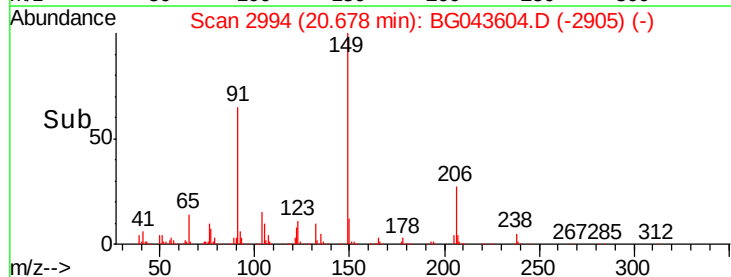
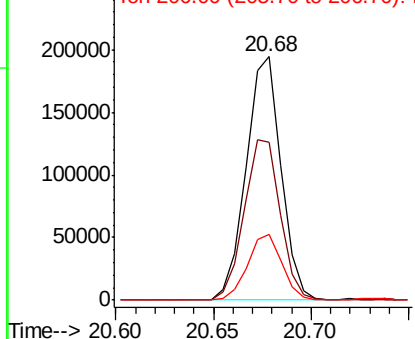


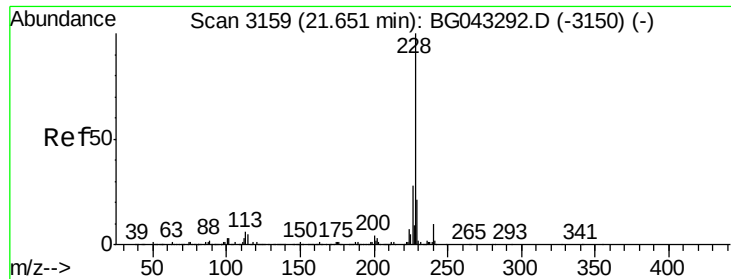
Abundance

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: 46.010 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

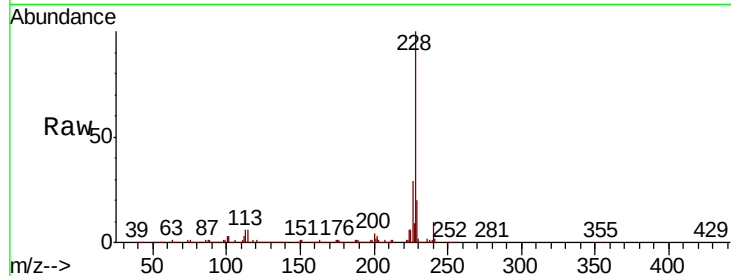
ClientSampleId :

PB124694BS

Tot Ion:	228	Resp:	636763
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.2	33.2
229	19.9	17.0	25.4

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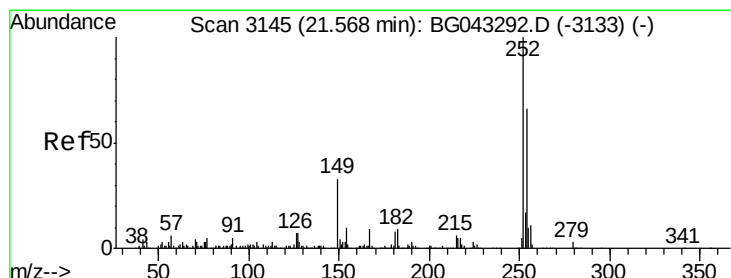
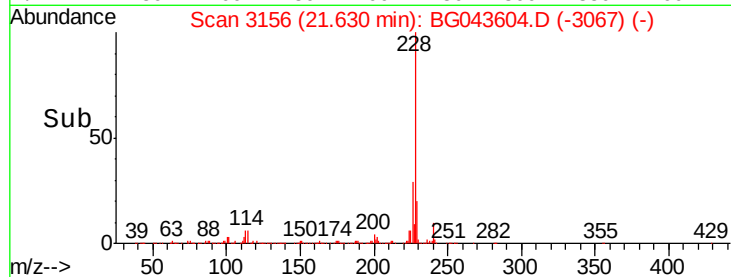
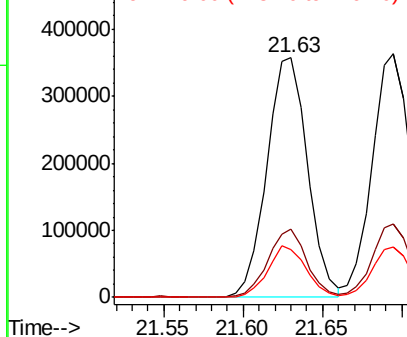


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.393 ng

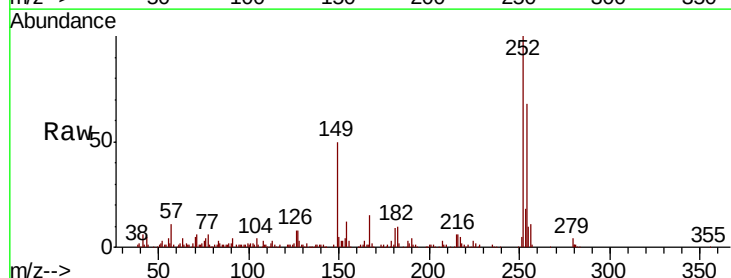
RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	252	Resp:	173397
Ion Ratio	Lower	Upper	
252	100		
254	68.4	50.8	76.2
126	7.8	6.1	9.1

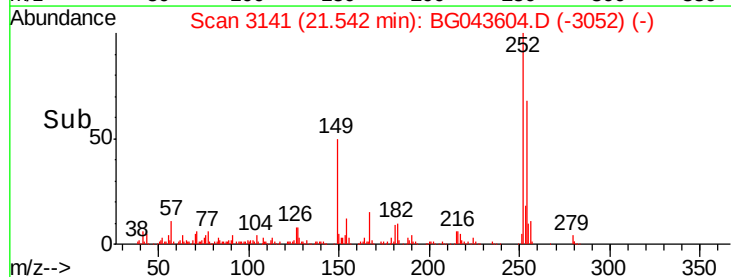
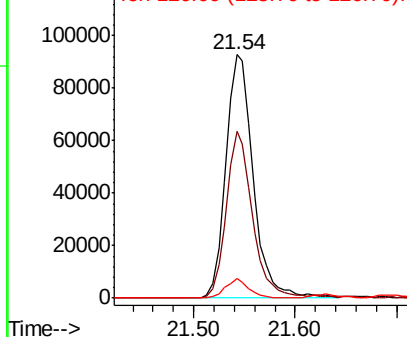


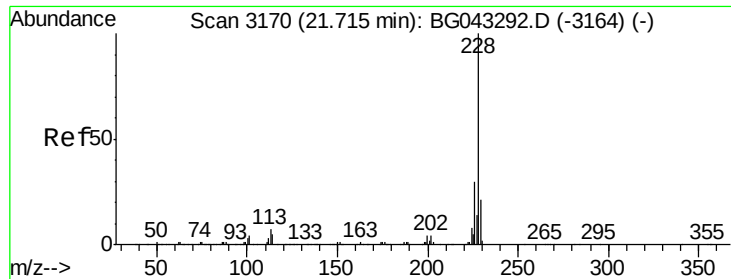
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





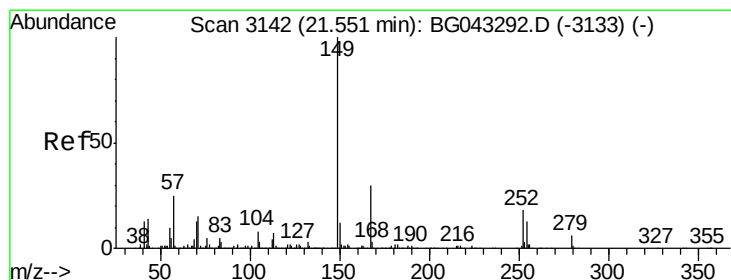
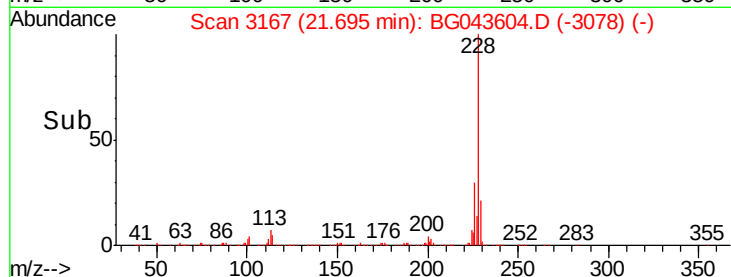
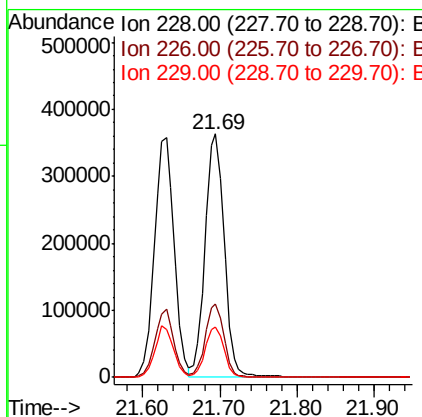
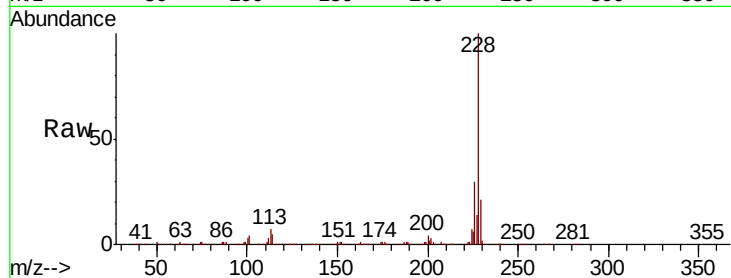
#83
 Chrysene
 Concen: 45.130 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124694BS

Tot Ion:	228	Resp:	620573
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.6	17.0	25.4

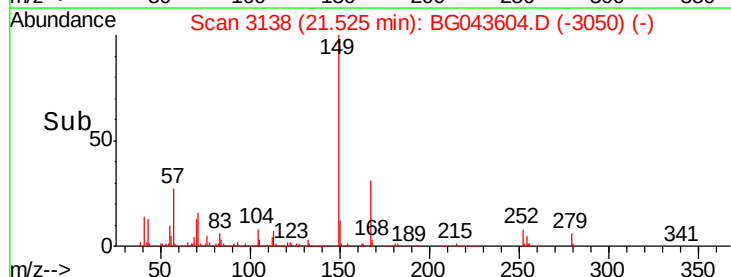
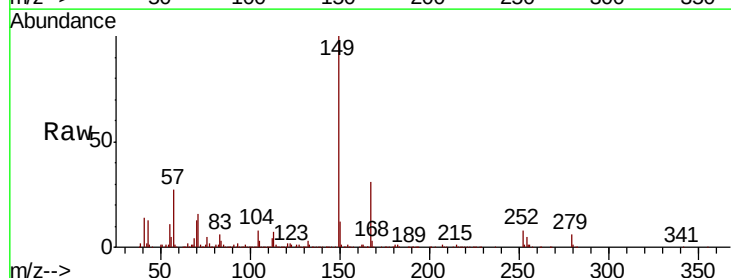
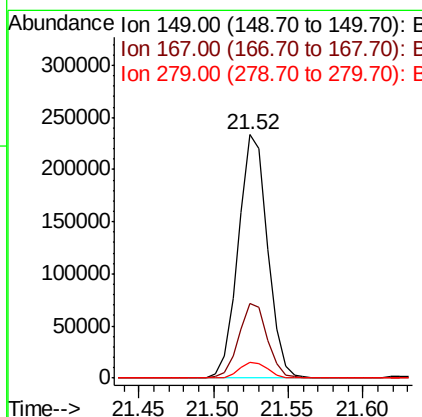
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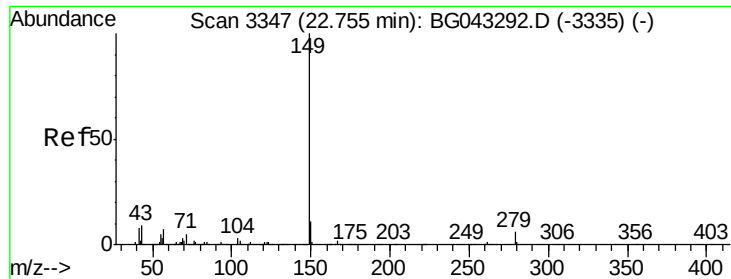
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.078 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG043604.D
 Acq: 12 Nov 2019 5:27

Tgt Ion:	149	Resp:	317060
Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	6.4	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 45.057 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

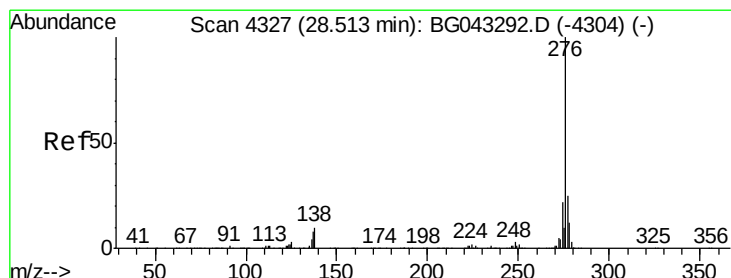
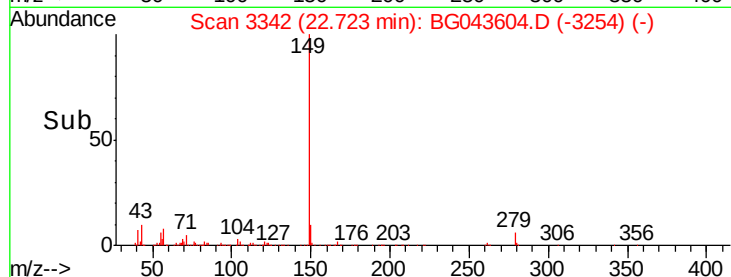
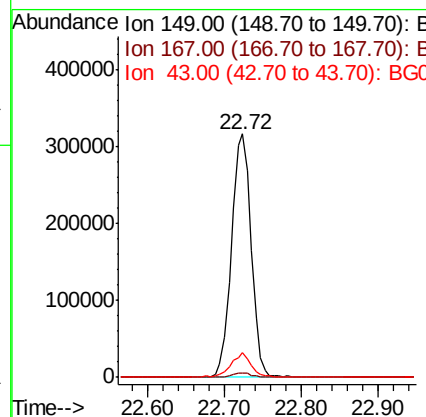
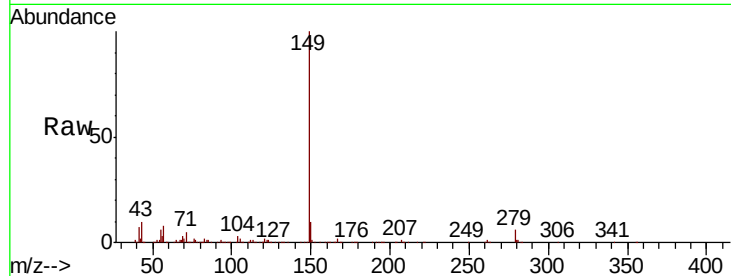
ClientSampleId :

PB124694BS

Tot Ion:	149	Resp:	562634
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	10.6	7.0	10.6#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.345 ng

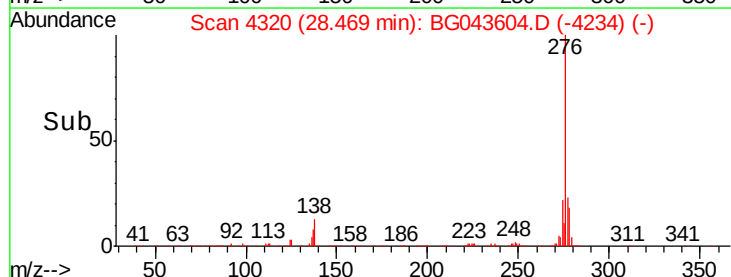
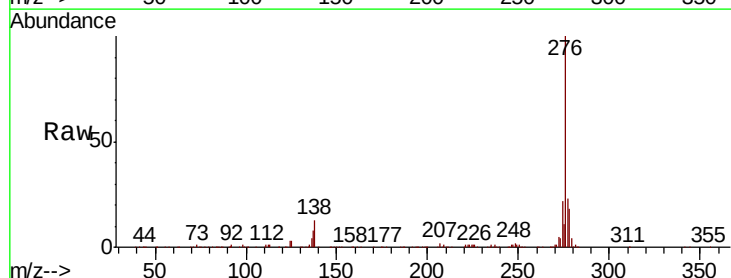
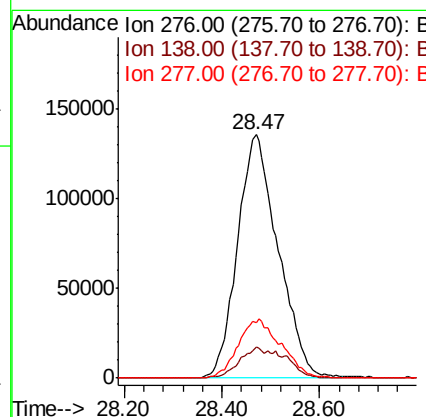
RT: 28.47 min Scan# 4320

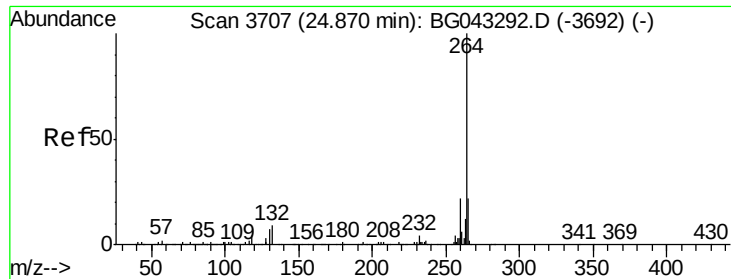
Delta R.T. -0.03 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	276	Resp:	782690
Ion Ratio	Lower	Upper	
276	100		
138	14.3	6.8	10.2#
277	25.7	20.9	31.3





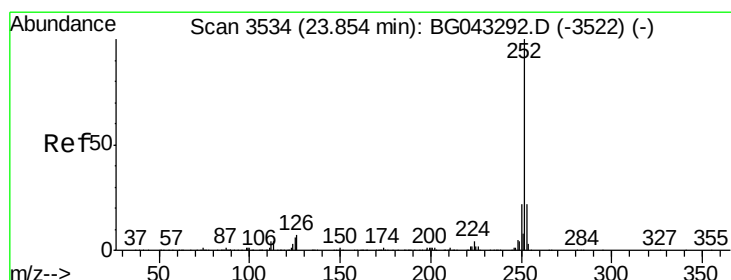
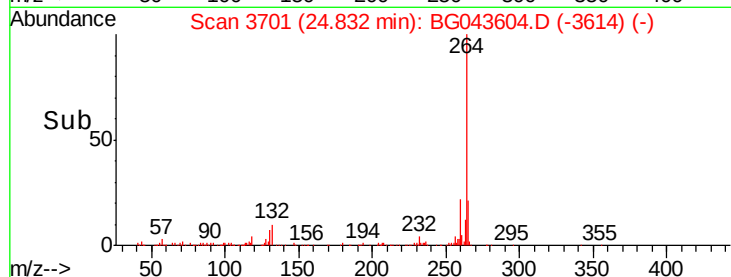
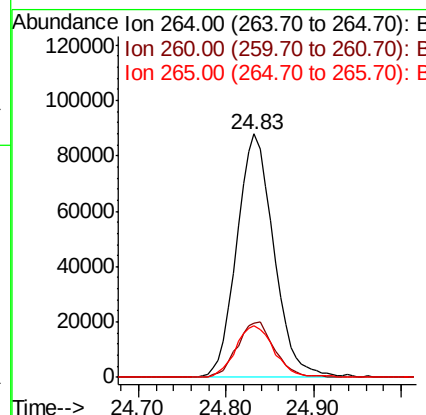
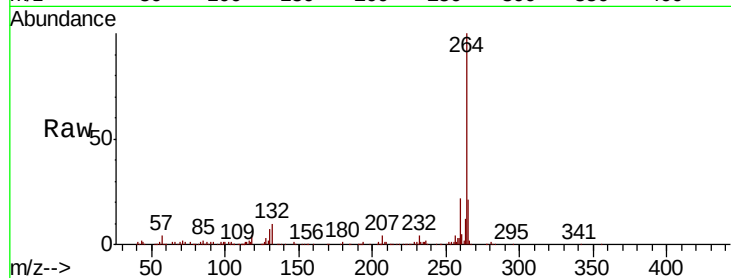
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	21.3	17.4	26.0

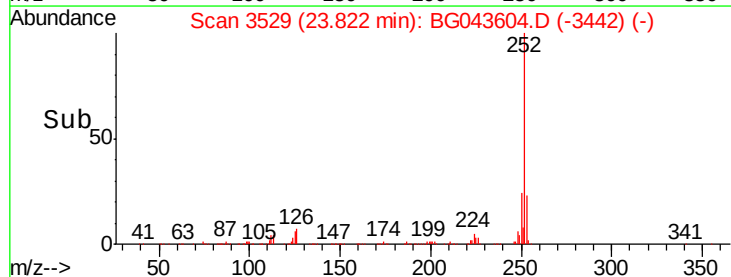
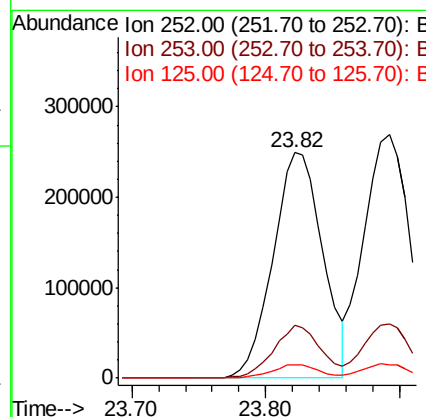
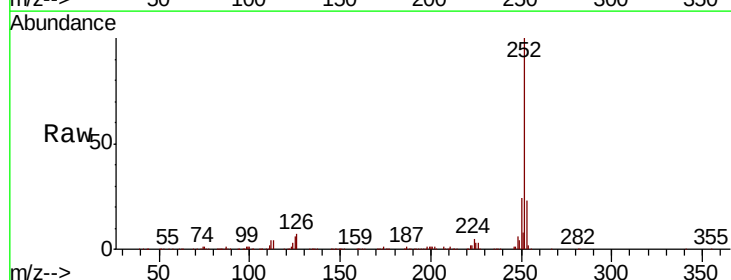
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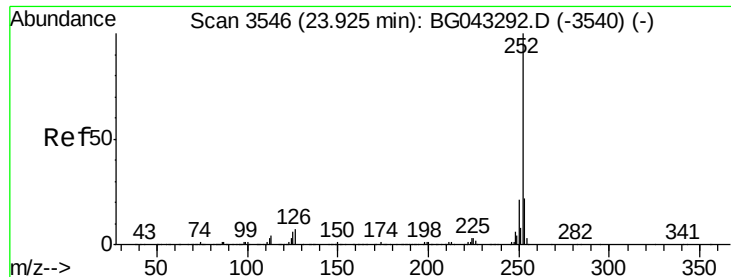
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#88
Benzo(b)fluoranthene
Concen: 45.021 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	6.0	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 45.544 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Instrument :

BNA_G

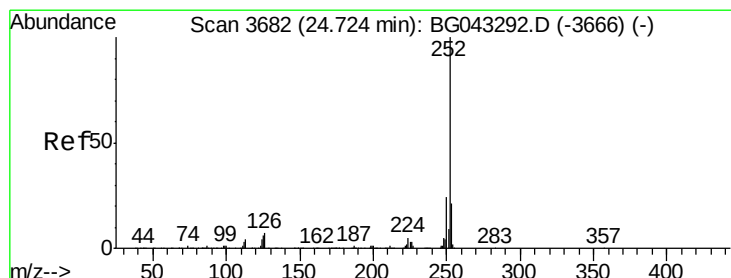
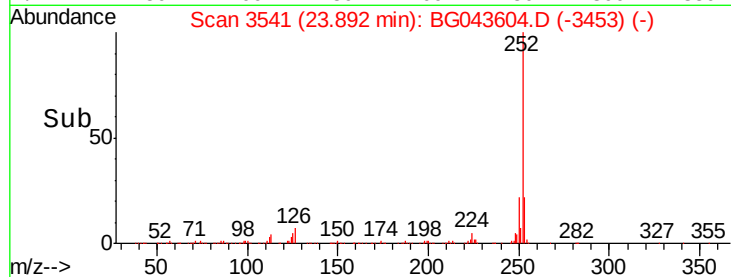
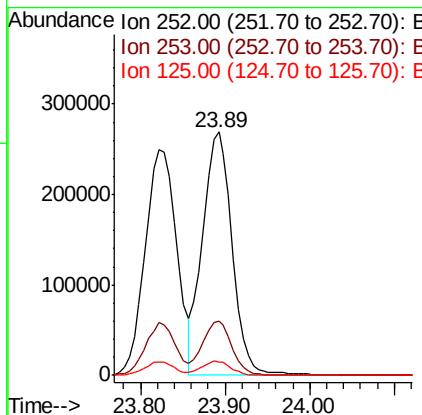
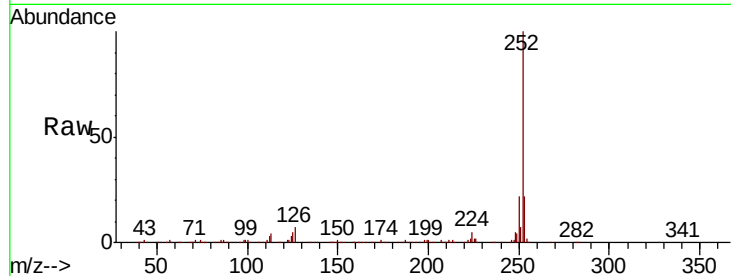
ClientSampleId :

PB124694BS

Tot Ion:	252	Resp:	656143
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	5.5	4.6	6.8

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#90

Benzo(a)pyrene

Concen: 44.319 ng

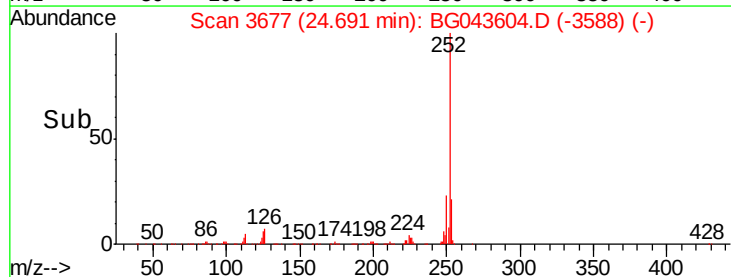
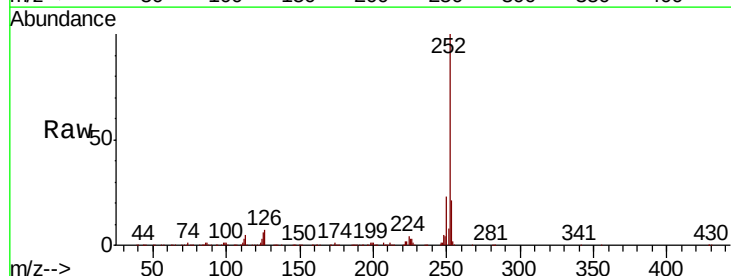
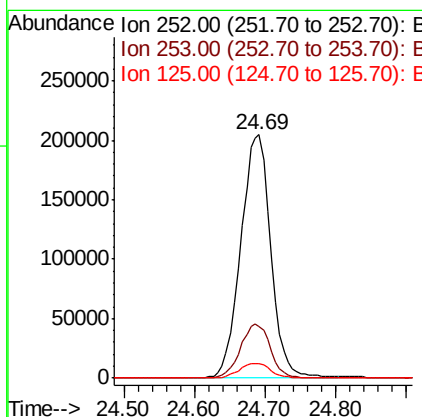
RT: 24.69 min Scan# 3677

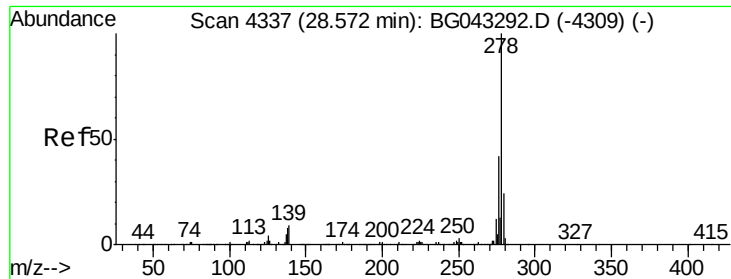
Delta R.T. -0.01 min

Lab File: BG043604.D

Acq: 12 Nov 2019 5:27

Tgt Ion:	252	Resp:	605654
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.8	26.8
125	5.8	5.4	8.2





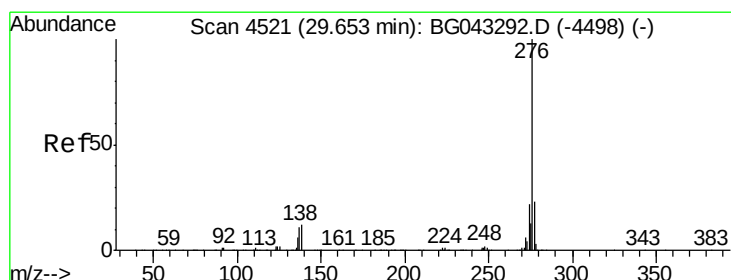
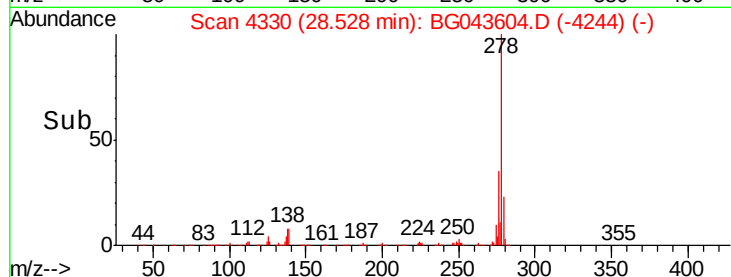
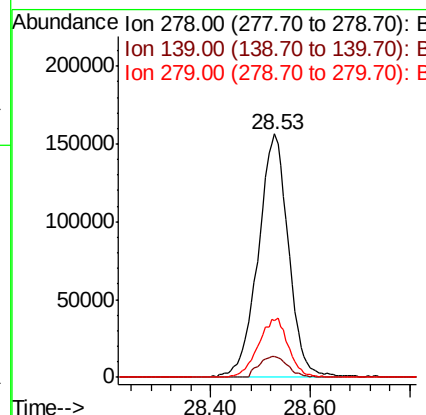
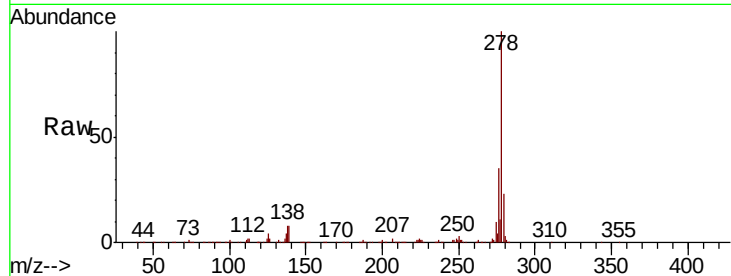
#91
Dibenzo(a,h)anthracene
Concen: 47.248 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.03 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Instrument :
BNA_G
ClientSampleId :
PB124694BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.4	11.0
279	23.2	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 47.605 ng
RT: 29.61 min Scan# 4514
Delta R.T. -0.02 min
Lab File: BG043604.D
Acq: 12 Nov 2019 5:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	11.1	8.9	13.3

