

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043309.D
 Acq On : 23 Oct 2019 15:28
 Operator : JU
 Sample : PB124203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:35 PM

Quant Time: Oct 24 06:53:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37098	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147948	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116895	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	290129	20.00	ng	0.00
76) Chrysene-d12	21.67	240	338512	20.00	ng	0.00
87) Perylene-d12	24.87	264	284819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	214360	105.88	ng	0.00
7) Phenol-d6	7.20	99	294983	101.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	148588	51.78	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	217070	97.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	437455	51.71	ng	0.00
79) Terphenyl-d14	20.01	244	989070	54.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24556	31.126	ng	89
3) Pyridine	3.89	79	51627	25.942	ng	92
4) n-Nitrosodimethylamine	3.81	42	34372	34.227	ng	91
6) Aniline	7.35	93	85751	25.556	ng	97
8) 2-Chlorophenol	7.60	128	87002	38.930	ng	97
9) Benzaldehyde	7.16	77	28050	19.595	ng	89
10) Phenol	7.23	94	106312	39.942	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	70737	34.374	ng	93
12) 1,3-Dichlorobenzene	7.91	146	90124	32.187	ng	96
13) 1,4-Dichlorobenzene	8.06	146	91011	32.126	ng	97
14) 1,2-Dichlorobenzene	8.38	146	89382	32.314	ng	96
15) Benzyl Alcohol	8.27	79	75613	36.963	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99891	33.383	ng	97
17) 2-Methylphenol	8.48	107	74912	38.607	ng	97
18) Hexachloroethane	9.11	117	32973	32.260	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	64020	34.014	ng	96
20) 3+4-Methylphenols	8.81	107	100754	37.867	ng	90
22) Acetophenone	8.85	105	128443	33.901	ng	# 97
24) Nitrobenzene	9.23	77	94886	34.709	ng	99
25) Isophorone	9.75	82	187991	35.831	ng	99
26) 2-Nitrophenol	9.94	139	48088	36.436	ng	95
27) 2,4-Dimethylphenol	10.01	122	82223	43.466	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	101454	35.036	ng	# 91
29) 2,4-Dichlorophenol	10.49	162	90154	37.197	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	100084	32.763	ng	98
31) Naphthalene	10.88	128	267331	35.598	ng	98
32) Benzoic acid	10.15	122	40900	32.027	ng	96
33) 4-Chloroaniline	11.00	127	79131	25.706	ng	97
34) Hexachlorobutadiene	11.17	225	72186	31.967	ng	99
35) Caprolactam	11.76	113	33010m	39.545	ng	
36) 4-Chloro-3-methylphenol	12.12	107	105655	39.964	ng	98
37) 2-Methylnaphthalene	12.48	142	213794	37.103	ng	99
38) 1-Methylnaphthalene	12.70	142	200709	36.609	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	134832	31.167	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	109056	47.989	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	93259	36.605	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	102902	39.952	nq	99
46) 1,1'-Biphenyl	13.48	154	288859	32.483	nq	100
47) 2-Chloronaphthalene	13.53	162	223494	33.031	nq	98
48) 2-Nitroaniline	13.74	65	70797	35.008	nq	92
49) Acenaphthylene	14.38	152	373374	35.456	nq	98
50) Dimethylphthalate	14.11	163	317713	35.090	nq	98
51) 2,6-Dinitrotoluene	14.22	165	73863	37.550	nq	92
52) Acenaphthene	14.72	154	222802	34.694	nq	99
53) 3-Nitroaniline	14.56	138	49637	26.137	nq	93
54) 2,4-Dinitrophenol	14.77	184	82471	68.312	nq	95
55) Dibenzofuran	15.05	168	375179	36.026	nq	98
56) 4-Nitrophenol	14.88	139	111792	87.841	nq	94
57) 2,4-Dinitrotoluene	15.01	165	106138	37.757	nq	# 97
58) Fluorene	15.70	166	311958	35.715	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	104323	38.122	nq	# 97
60) Diethylphthalate	15.46	149	325434	35.771	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	180882	35.498	nq	98
62) 4-Nitroaniline	15.73	138	69360	35.364	nq	97
63) Azobenzene	15.98	77	267490	36.329	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	64464	37.755	nq	97
66) n-Nitrosodiphenylamine	15.90	169	282931	34.541	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	129062	33.055	nq	97
68) Hexachlorobenzene	16.71	284	144833	32.315	nq	97
69) Atrazine	16.85	200	124182	43.630	nq	94
70) Pentachlorophenol	17.06	266	173670	85.040	nq	94
71) Phenanthrene	17.44	178	518904	34.927	nq	99
72) Anthracene	17.53	178	530888	35.715	nq	99
73) Carbazole	17.80	167	496198	36.862	nq	100
74) Di-n-butylphthalate	18.36	149	588425	36.027	nq	99
75) Fluoranthene	19.45	202	723458	37.352	nq	99
77) Benzidine	19.64	184	84004	12.331	nq	98
78) Pyrene	19.81	202	733117	34.988	nq	99
80) Butylbenzylphthalate	20.69	149	271384	34.186	nq	98
81) Benzo(a)anthracene	21.65	228	744239	35.099	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	244733	29.841	nq	99
83) Chrysene	21.72	228	721048	34.225	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	393006	34.851	nq	99
85) Di-n-octyl phthalate	22.76	149	667368	34.883	nq	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	914999	34.599	nq	100
88) Benzo(b)fluoranthene	23.85	252	779014	48.292	nq	98
89) Benzo(k)fluoranthene	23.92	252	799475	49.230	nq	98
90) Benzo(a)pyrene	24.72	252	711326	46.177	nq	99
91) Dibenzo(a,h)anthracene	28.58	278	782838	49.684	nq	96
92) Benzo(g,h,i)perylene	29.65	276	776205	49.943	nq	96

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



#1

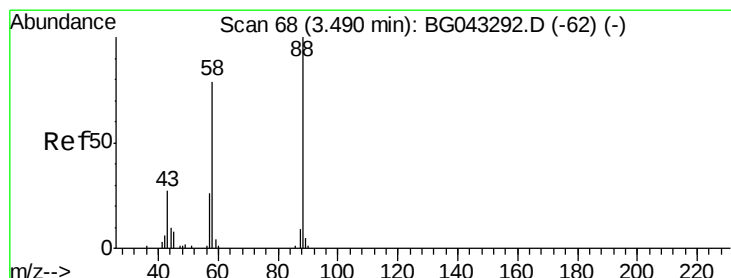
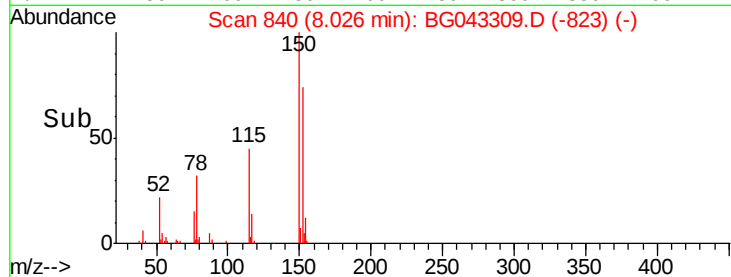
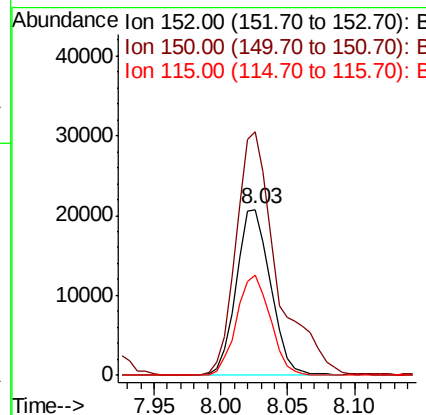
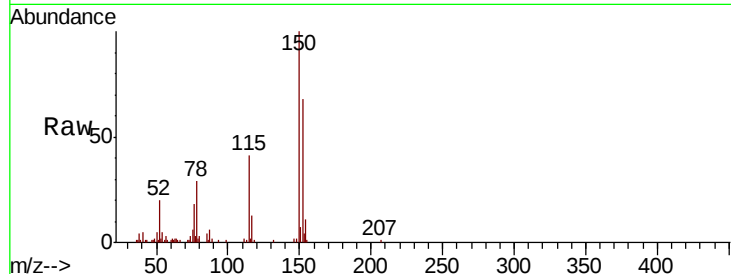
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	113.6	170.4
115	60.5	45.9	68.9

Manual Integrations
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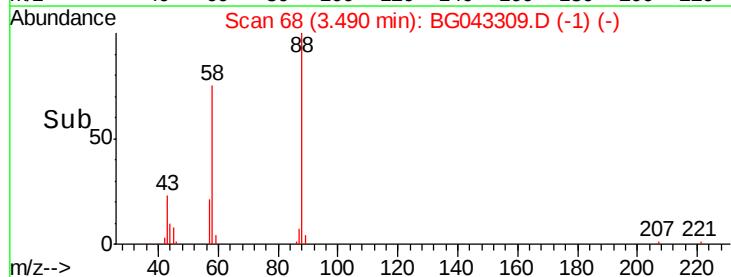
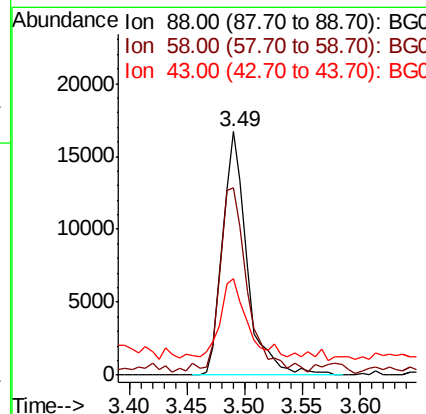
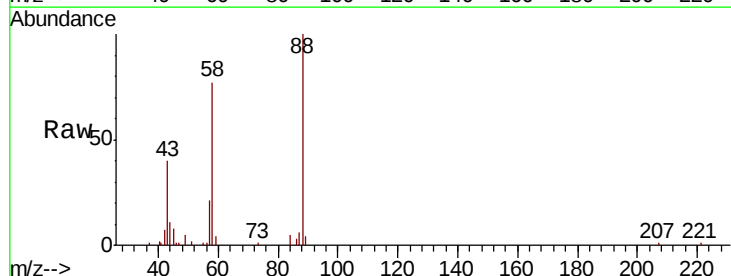
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#2

1,4-Dioxane
Concen: 31.126 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	60.2	90.2
43	33.8	22.7	34.1





#3

Pvridine

Concen: 25.942 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

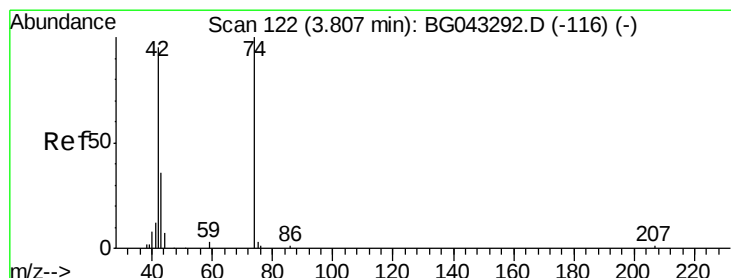
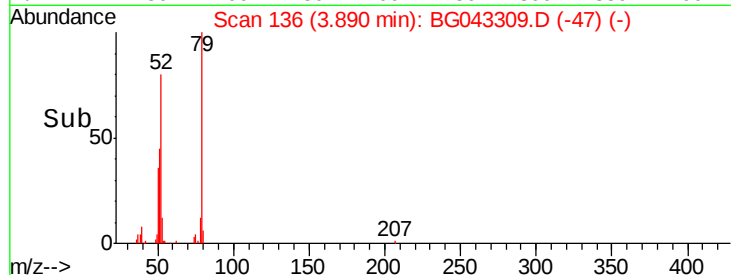
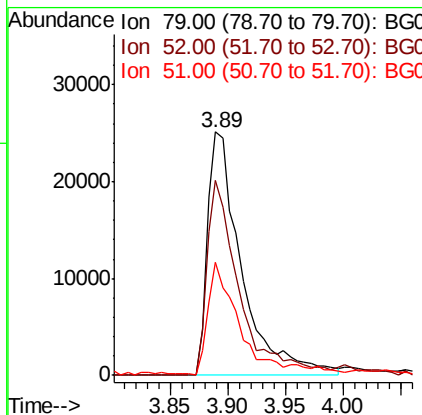
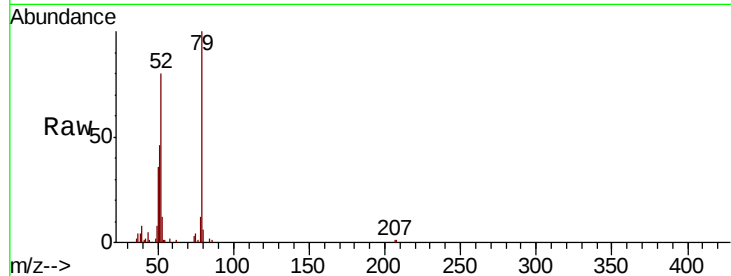
ClientSampleId :

PB124203BS

Tot Ion:	79	Resp:	51627
Ion Ratio	Lower	Upper	
79	100		
52	80.1	59.7	89.5
51	46.2	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.227 ng

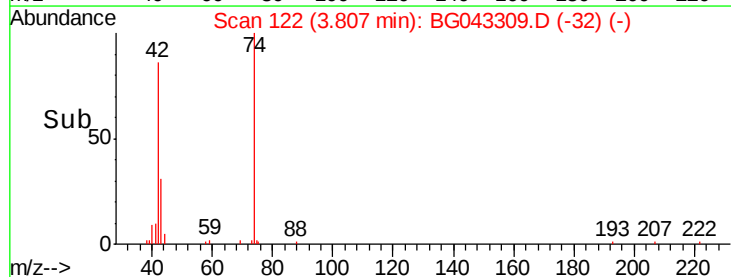
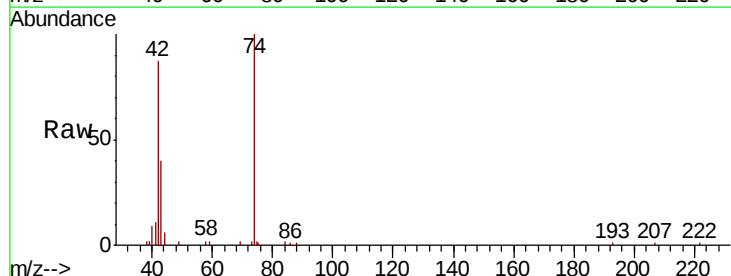
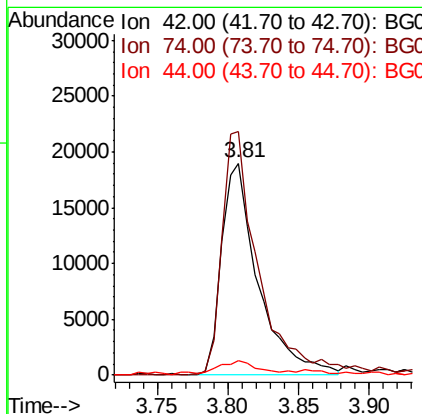
RT: 3.81 min Scan# 122

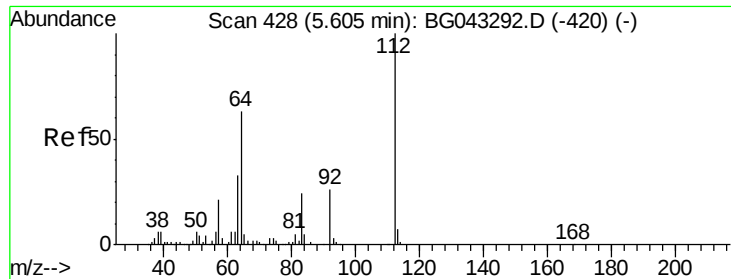
Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	42	Resp:	34372
Ion Ratio	Lower	Upper	
42	100		
74	114.7	84.2	126.2
44	6.9	6.0	9.0





#5

2-Fluorophenol

Concen: 105.883 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

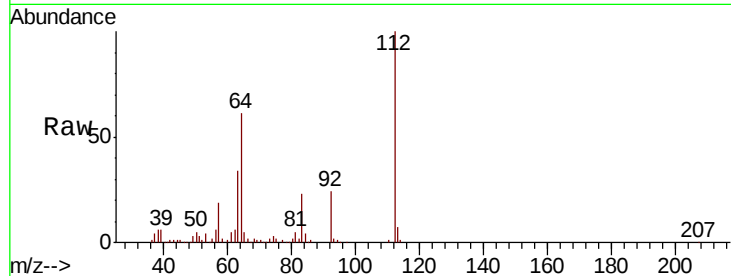
ClientSampleId :

PB124203BS

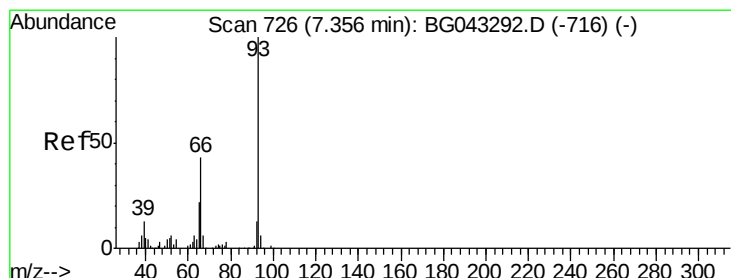
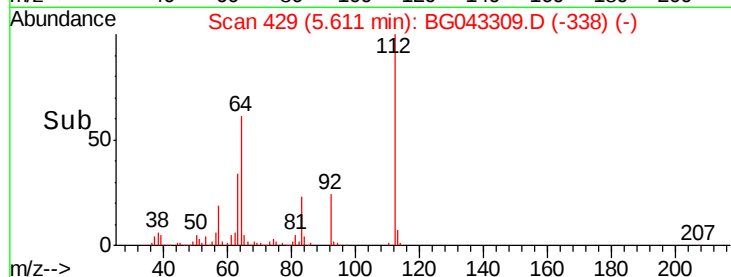
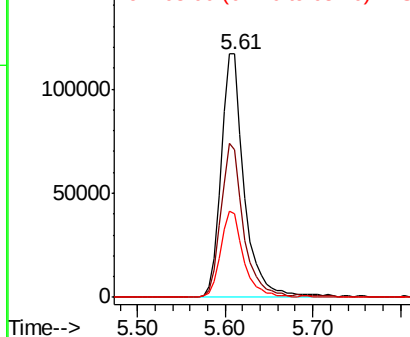
Tot Ion:	112	Resp:	214360
Ion Ratio	Lower	Upper	
112	100		
64	60.7	50.2	75.2
63	34.4	26.7	40.1

Manual Integrations
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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: 25.556 ng

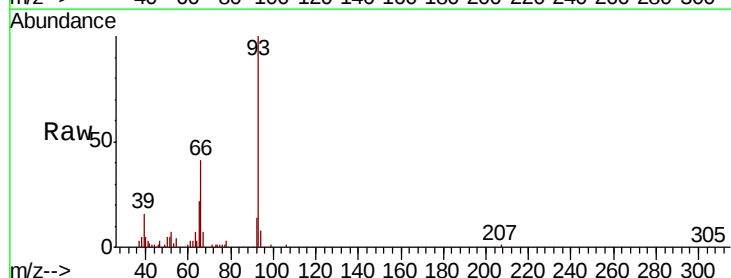
RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

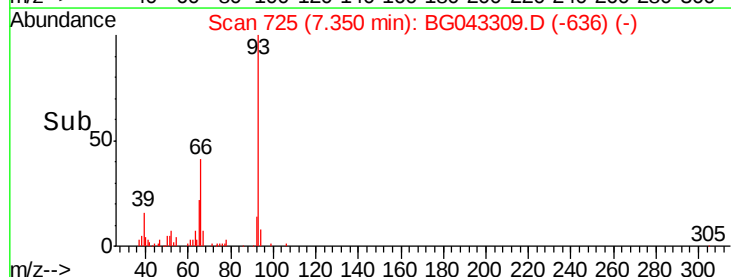
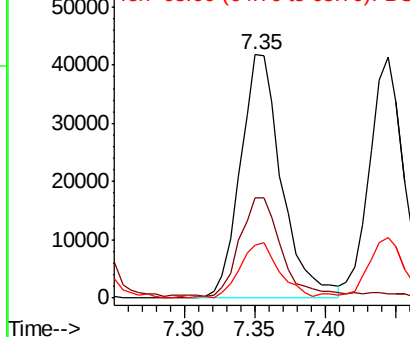
Lab File: BG043309.D

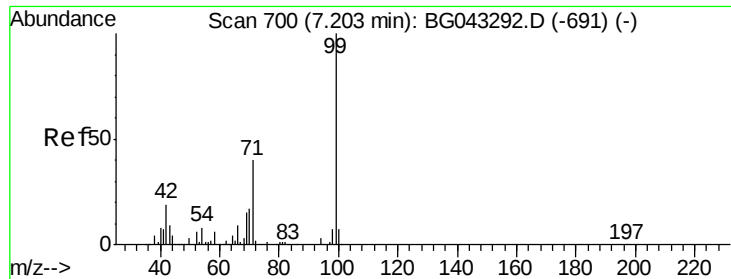
Acq: 23 Oct 2019 15:28

Tgt Ion:	93	Resp:	85751
Ion Ratio	Lower	Upper	
93	100		
66	41.2	34.5	51.7
65	21.6	18.0	27.0



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: 101.272 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

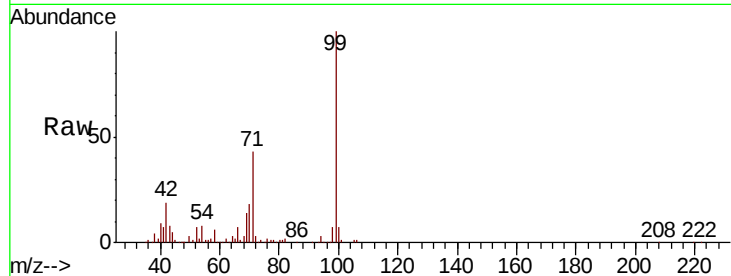
ClientSampleId :

PB124203BS

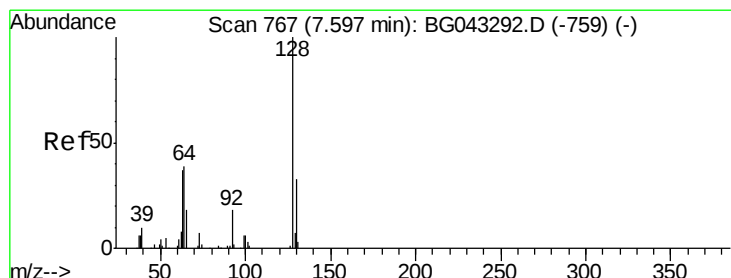
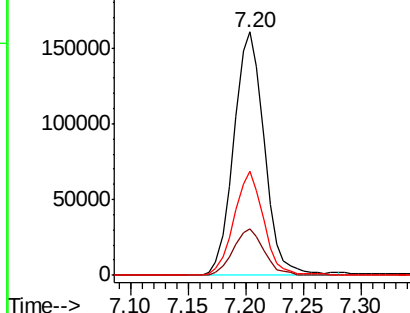
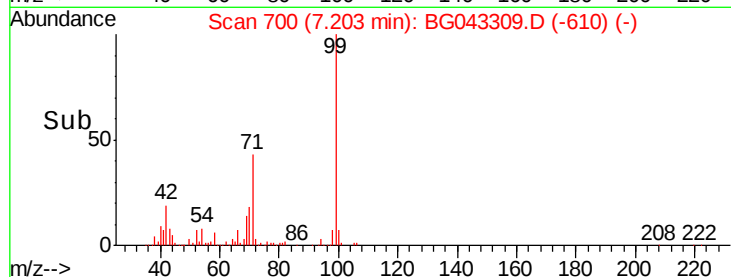
Tot Ion:	99	Resp:	294983
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.9	22.3
71	42.5	32.2	48.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.930 ng

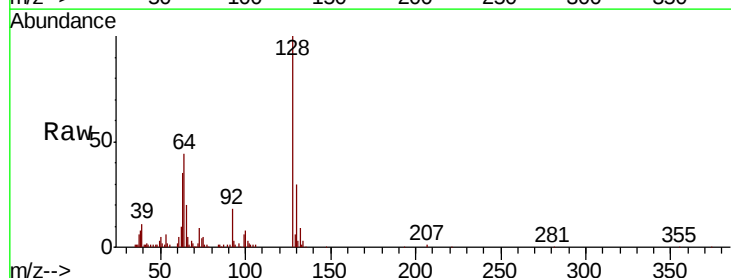
RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

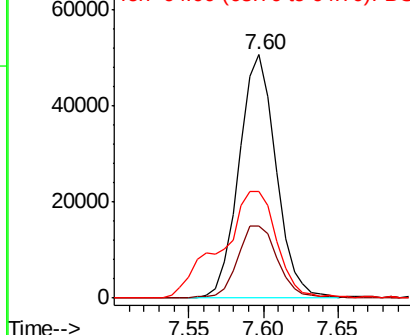
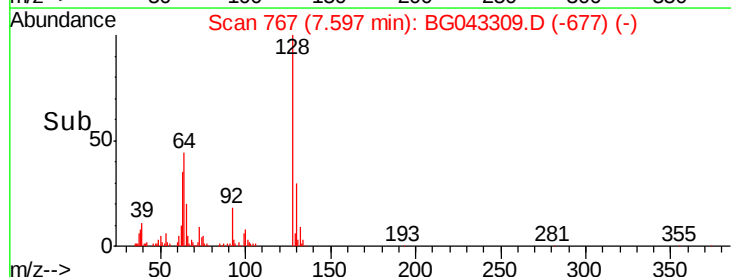
Lab File: BG043309.D

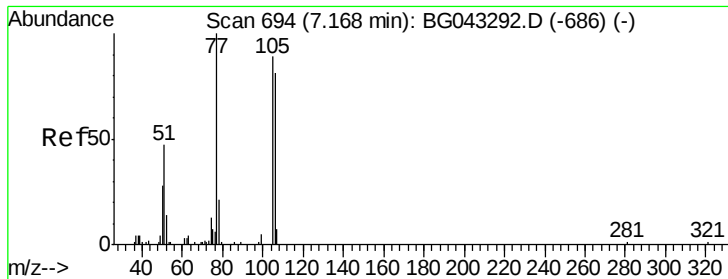
Acq: 23 Oct 2019 15:28

Tgt Ion:	128	Resp:	87002
Ion Ratio	Lower	Upper	
128	100		
130	29.7	12.9	52.9
64	44.0	24.9	64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





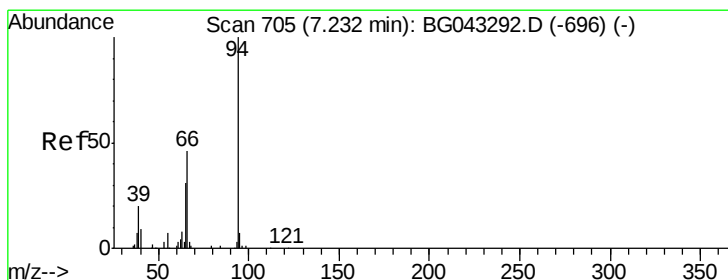
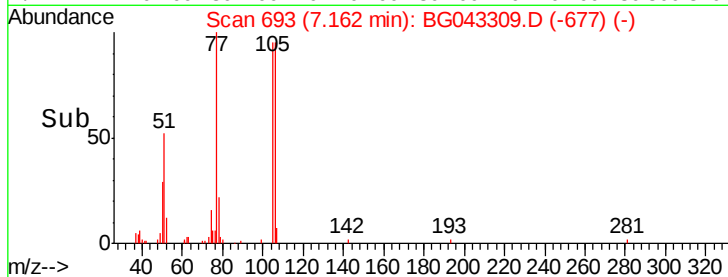
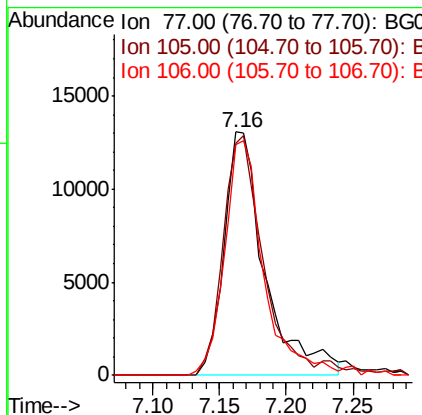
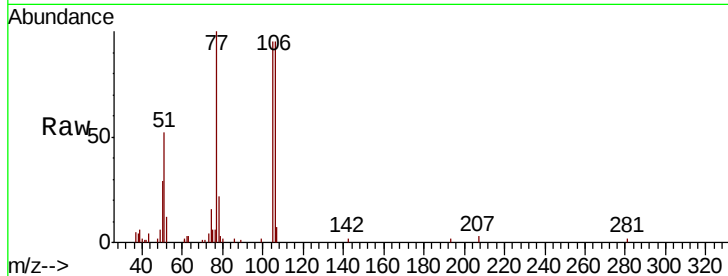
#9
Benzaldehyde
Concen: 19.595 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.5	68.7	108.7
106	94.6	60.5	100.5

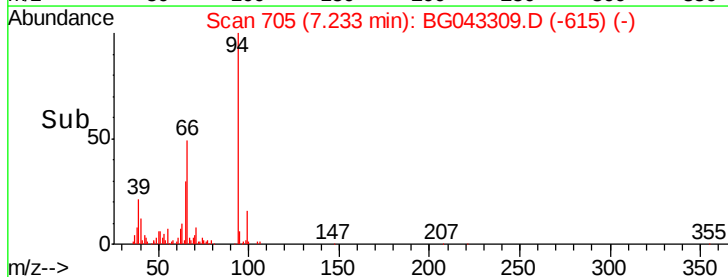
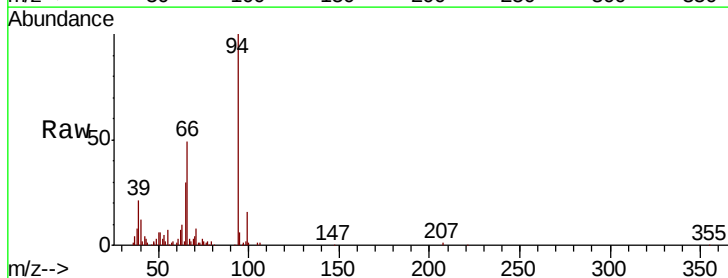
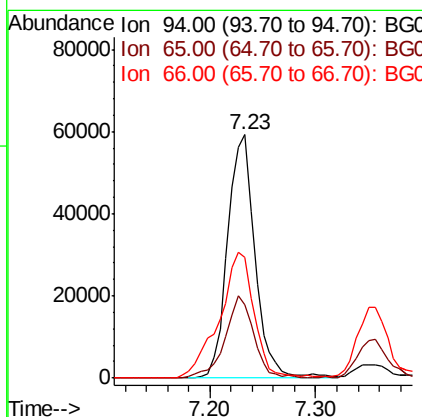
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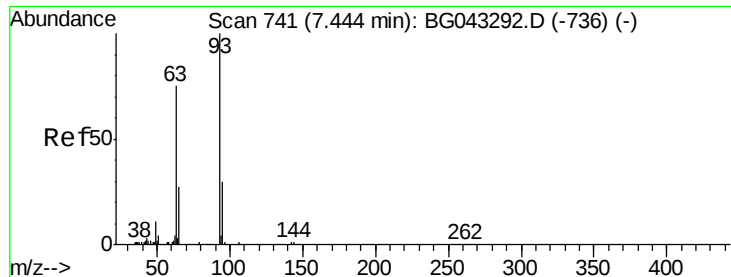
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#10
Phenol
Concen: 39.942 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.1	51.1
66	49.4	27.8	67.8





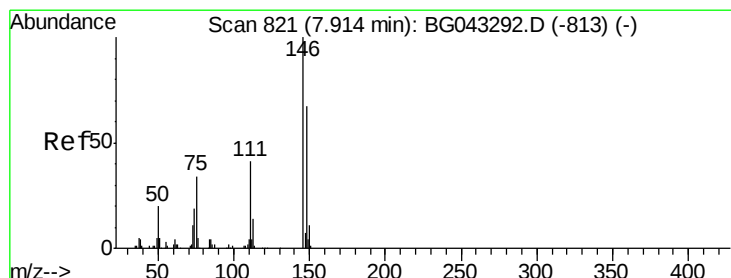
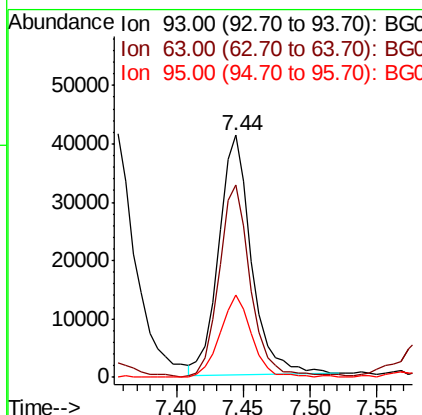
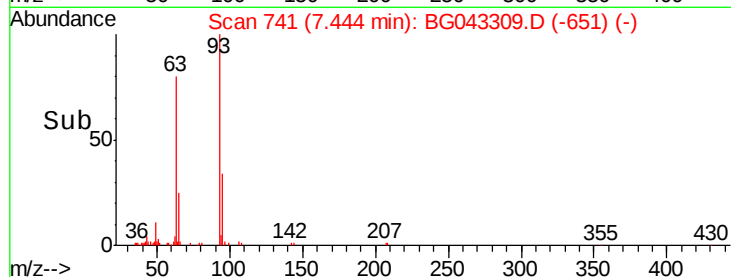
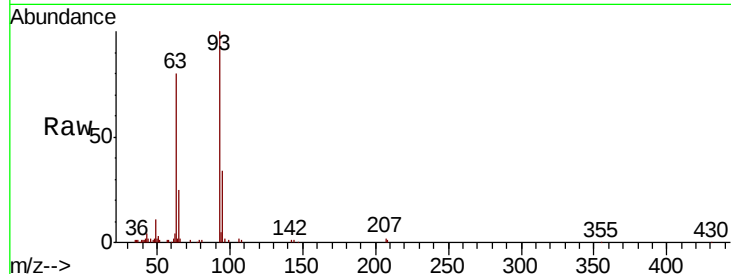
#11
bis(2-Chloroethyl)ether
Concen: 34.374 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	54.6	94.6
95	34.2	9.7	49.7

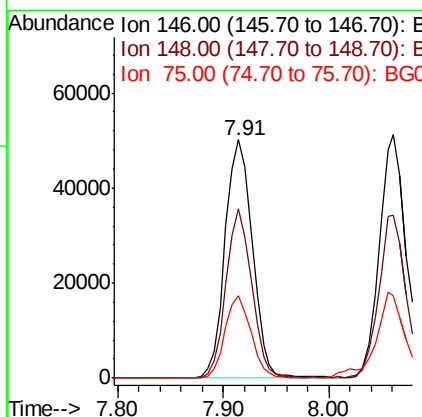
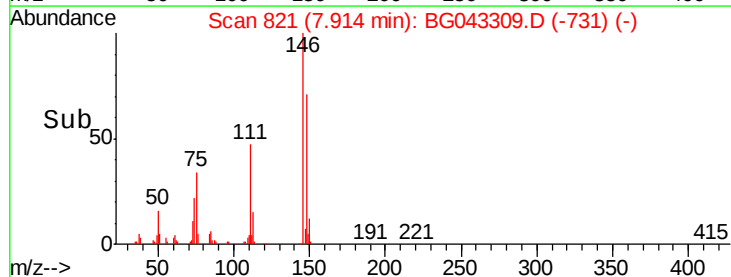
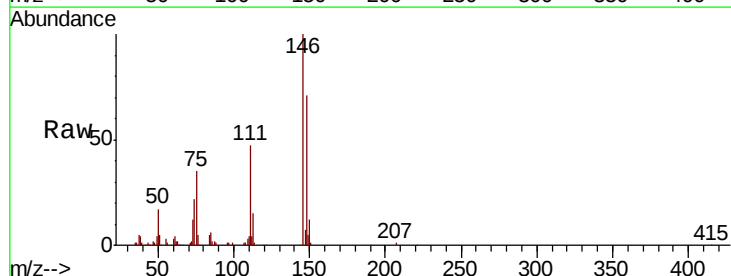
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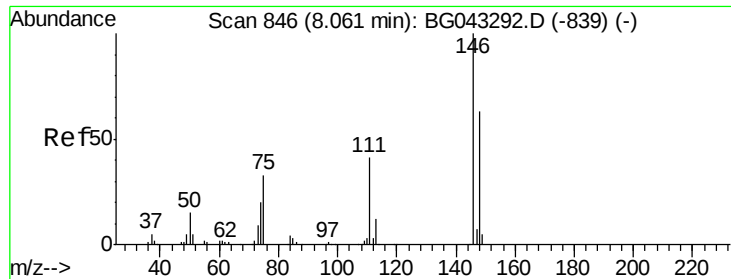
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.187 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.0	53.4	80.2
75	34.8	27.0	40.4





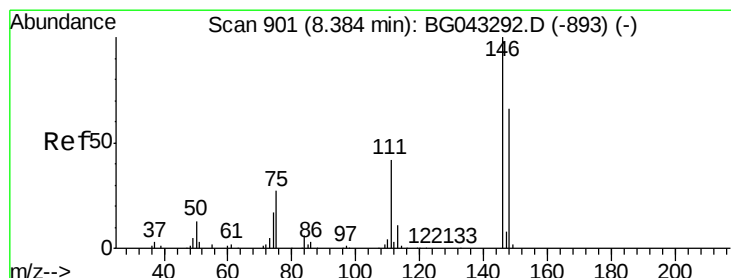
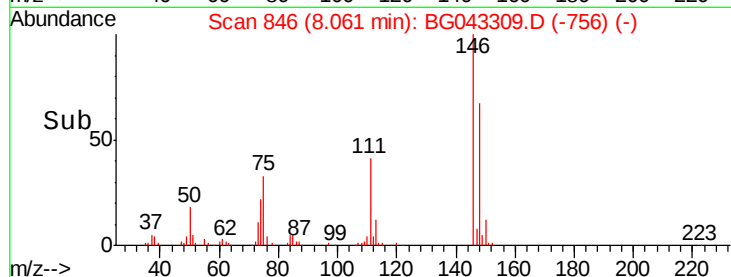
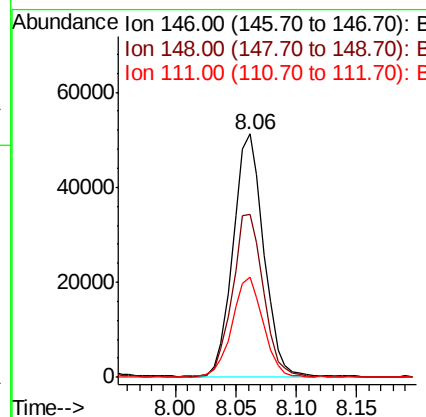
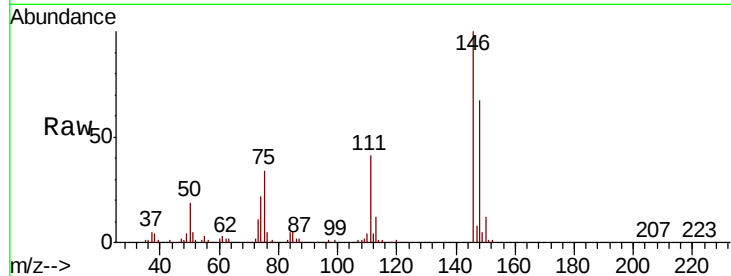
#13
 1,4-Dichlorobenzene
 Concen: 32.126 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	67.2	50.7	76.1	
111	41.0	33.0	49.6	

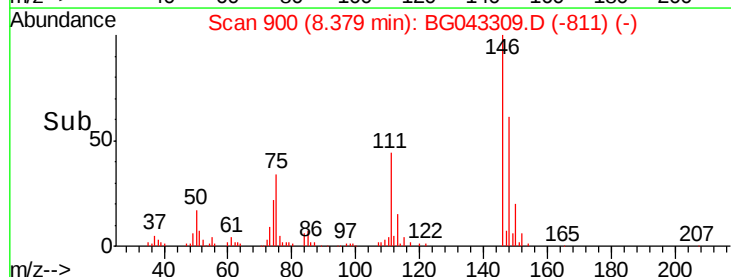
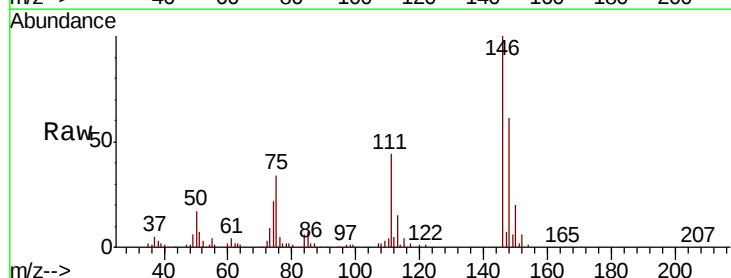
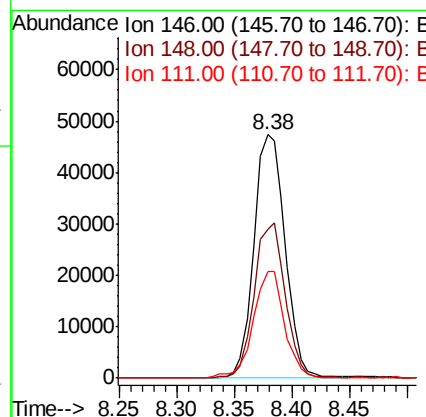
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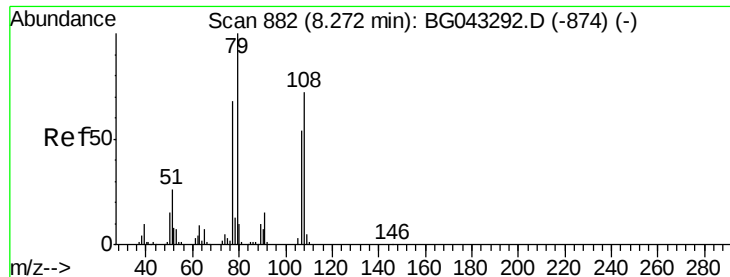
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 32.314 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	61.0	53.0	79.4	
111	43.9	34.5	51.7	





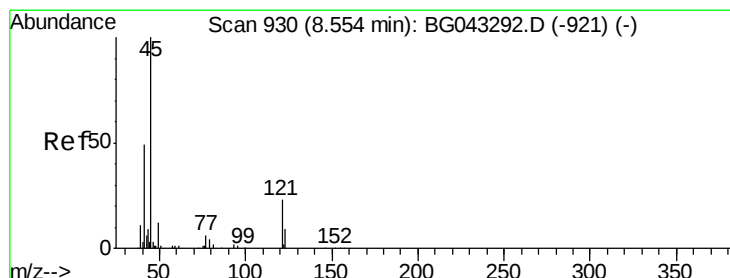
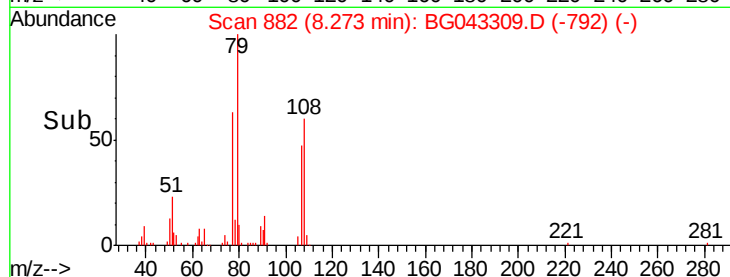
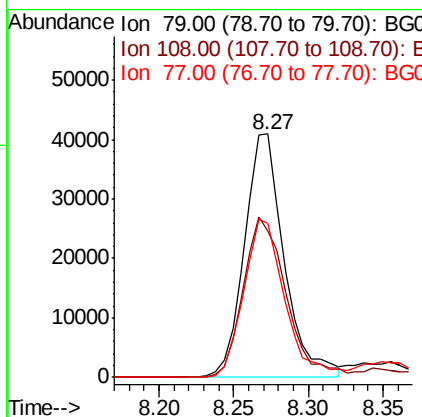
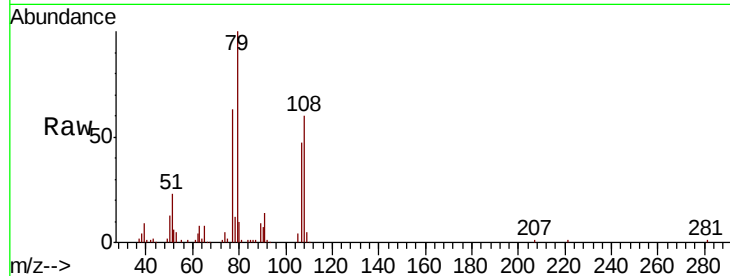
#15
Benzyl Alcohol
Concen: 36.963 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleID :
PB124203BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.3	57.3	85.9
77	63.4	54.6	81.8

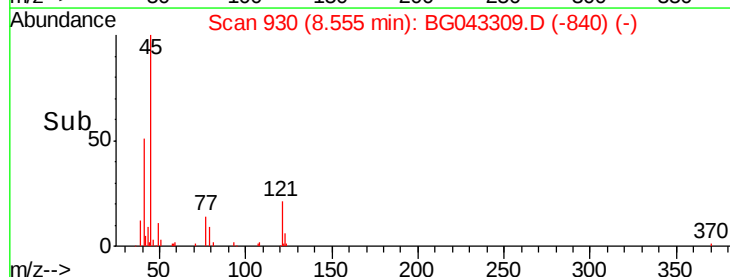
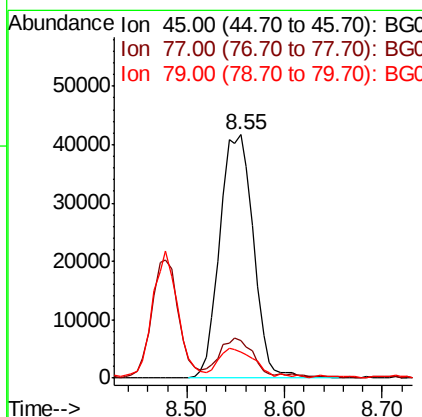
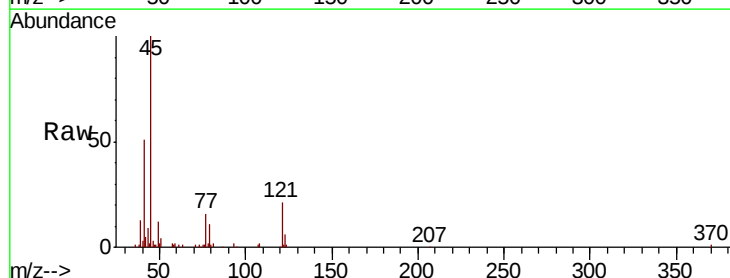
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.383 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.2
79	10.8	0.0	32.3





#17

2-Methylphenol

Concen: 38.607 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

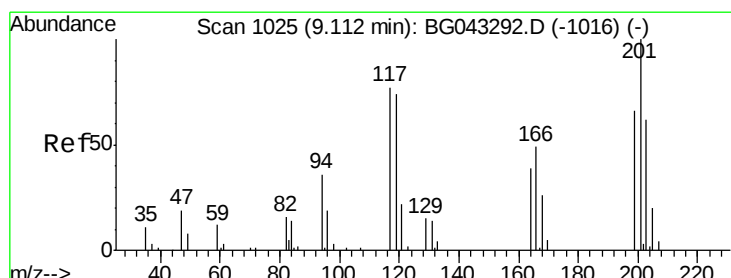
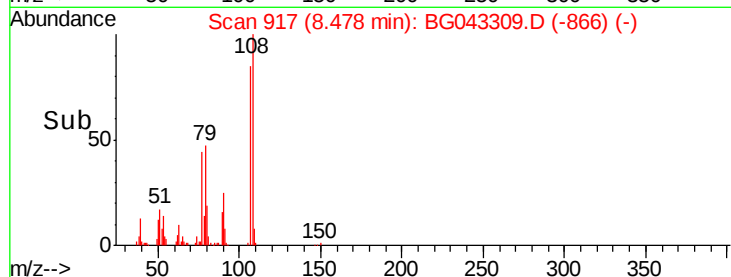
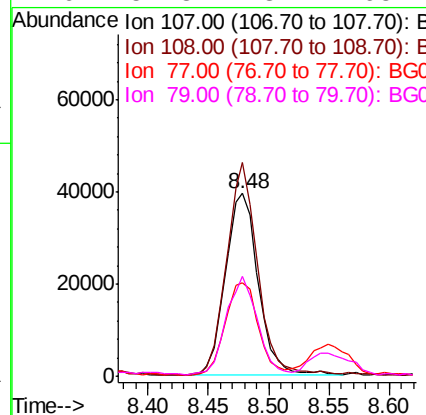
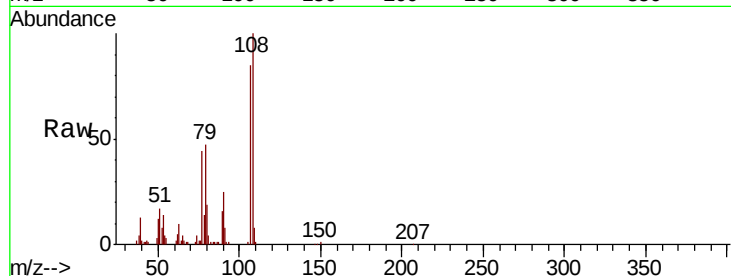
ClientSampleId :

PB124203BS

Tot Ion:	107	Resp:	74912
Ion Ratio	Lower	Upper	
107	100		
108	117.0	91.3	136.9
77	50.9	43.0	64.6
79	54.8	43.4	65.2

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#18

Hexachloroethane

Concen: 32.260 ng

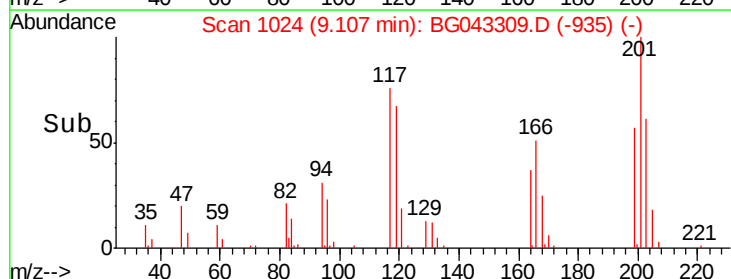
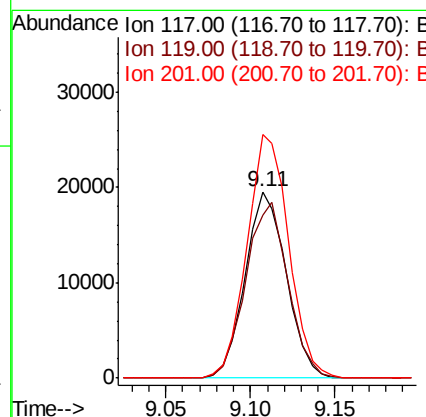
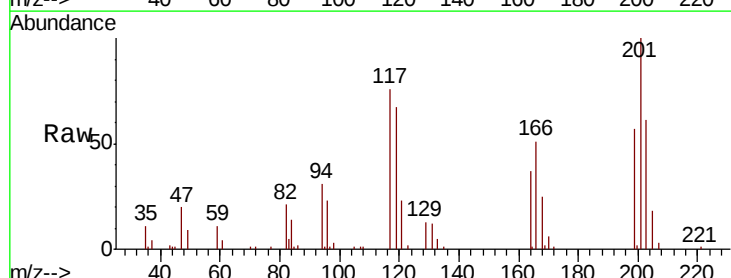
RT: 9.11 min Scan# 1024

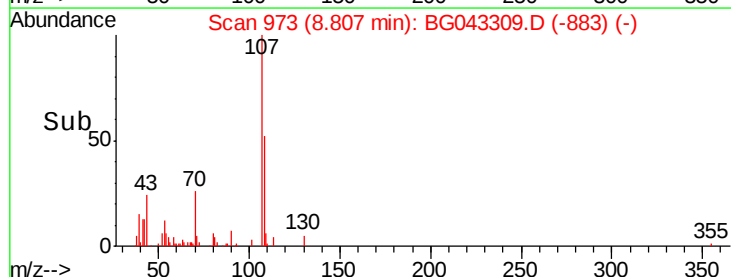
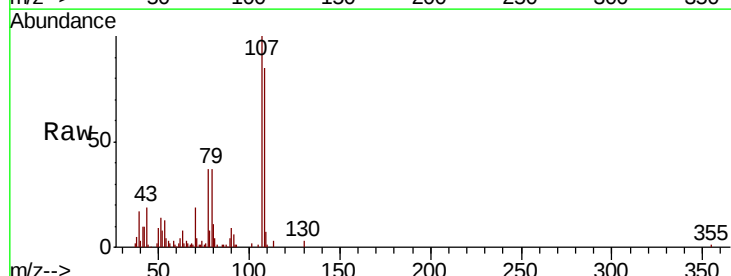
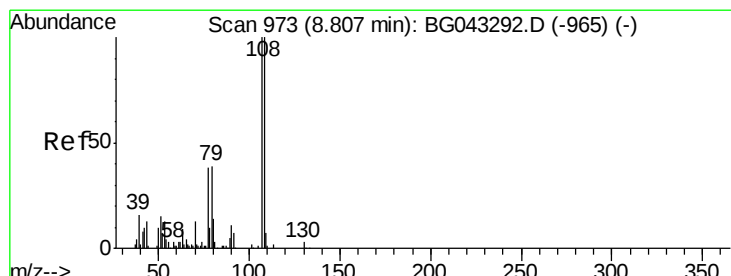
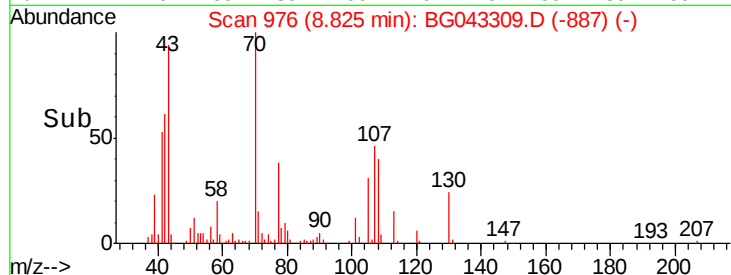
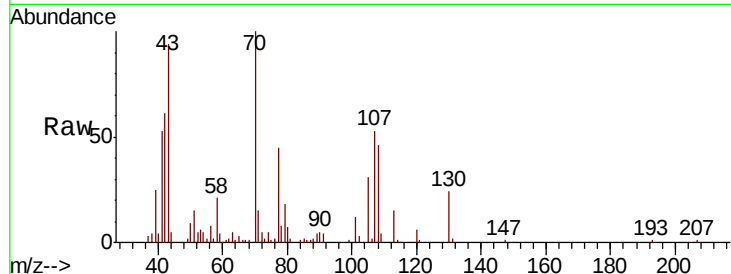
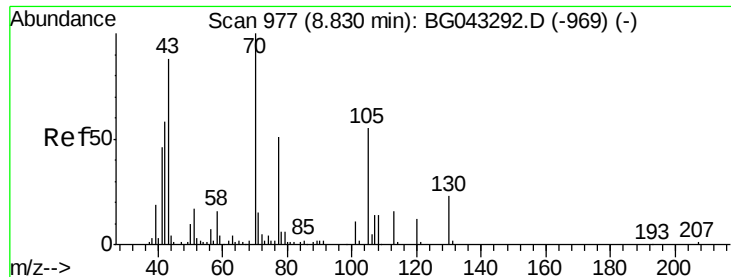
Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

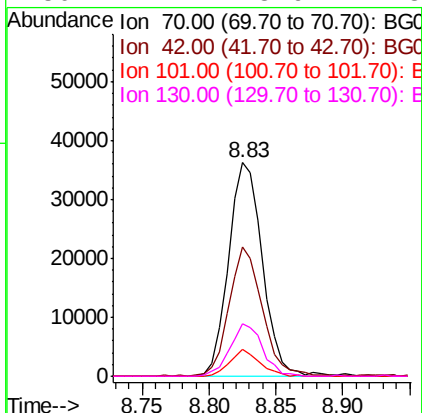
Tgt Ion:	117	Resp:	32973
Ion Ratio	Lower	Upper	
117	100		
119	87.8	77.3	115.9
201	130.8	104.2	156.4





#19
n-Nitroso-di-n-propylamine
Concen: 34.014 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.7	46.2	69.2	
101	12.4	8.6	13.0	
130	24.4	18.6	27.8	



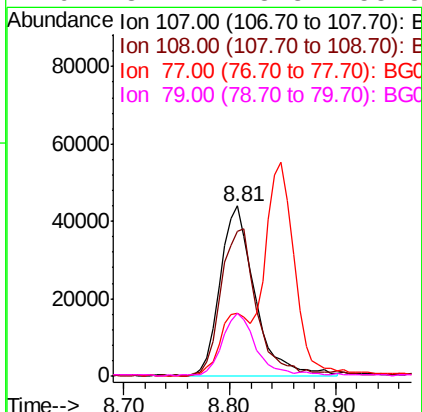
Instrument :
BNA_G
ClientSampleId :
PB124203BS

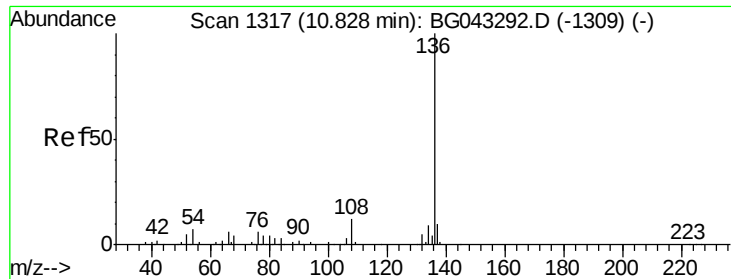
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#20
3+4-Methylphenols
Concen: 37.867 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	80.3	120.3	
77	36.7	18.2	58.2	
79	37.2	18.8	58.8	





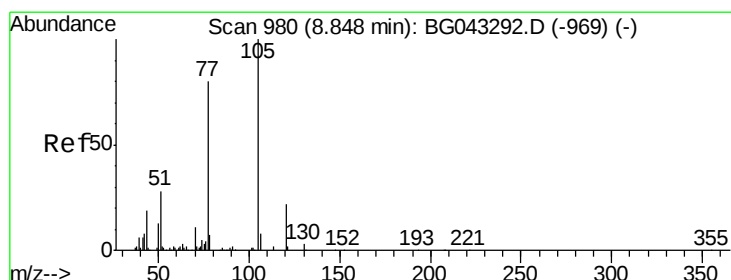
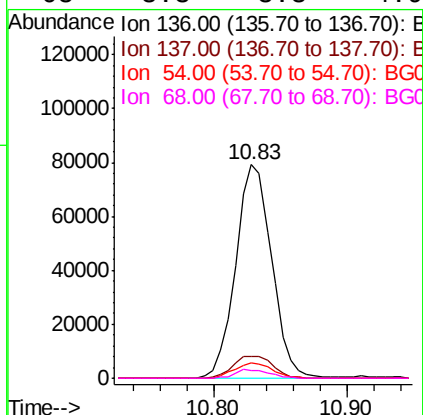
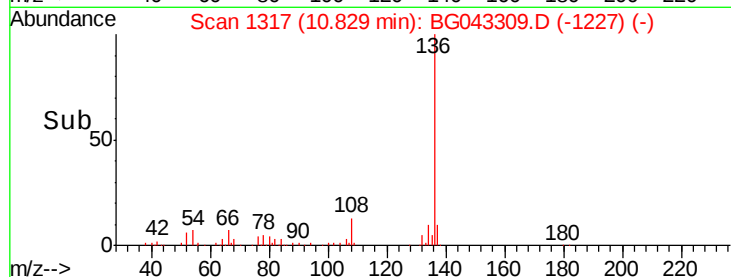
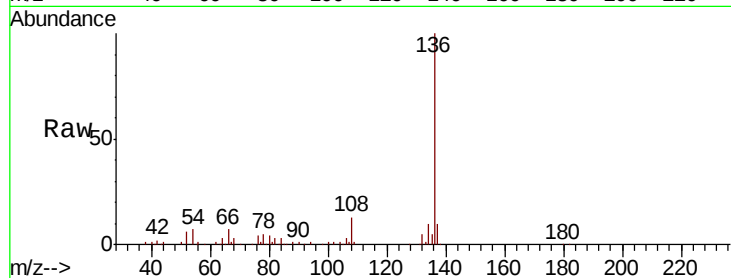
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.3		8.2	12.2	
54	7.0		5.4	8.2	
68	3.3		3.3	4.9	

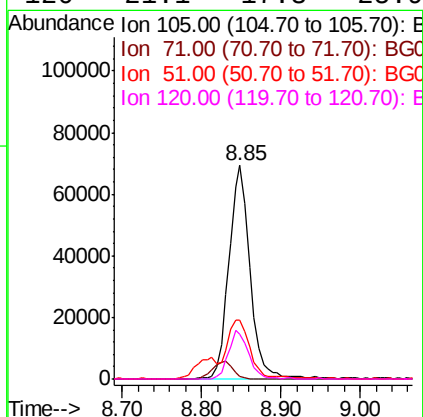
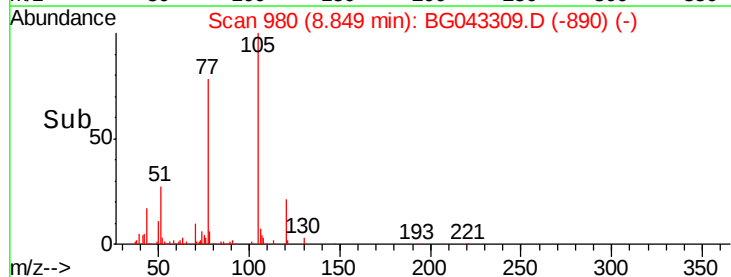
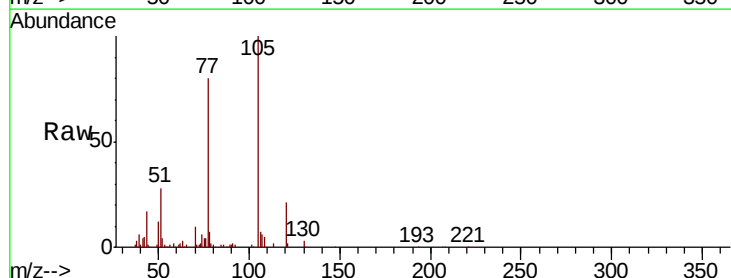
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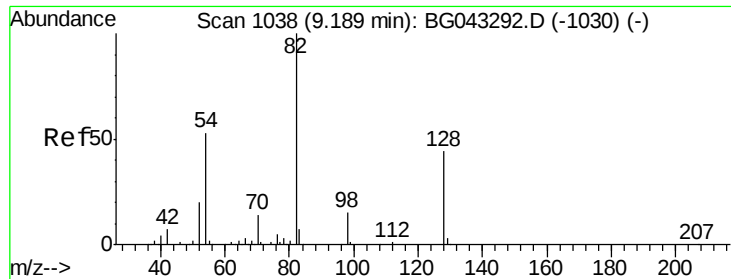
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#22
Acetophenone
Concen: 33.901 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.1		1.5	2.3	#
51	27.6		23.9	35.9	
120	21.1		17.3	25.9	





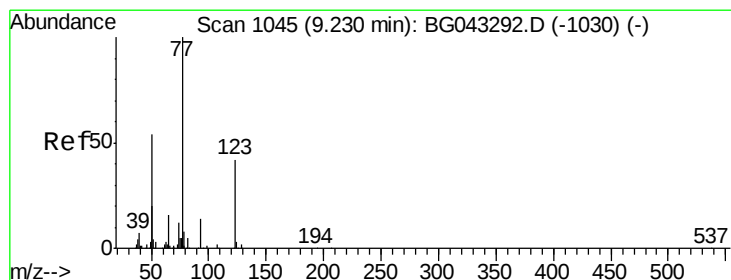
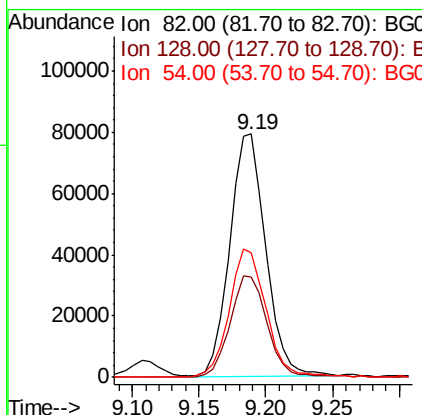
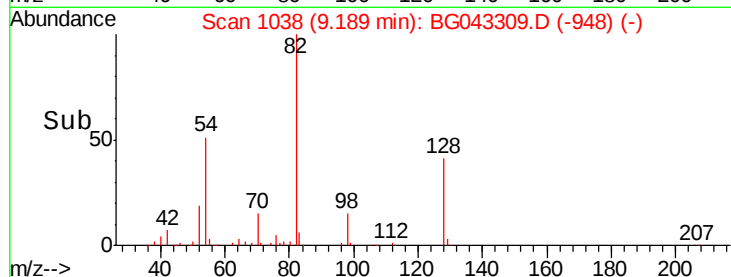
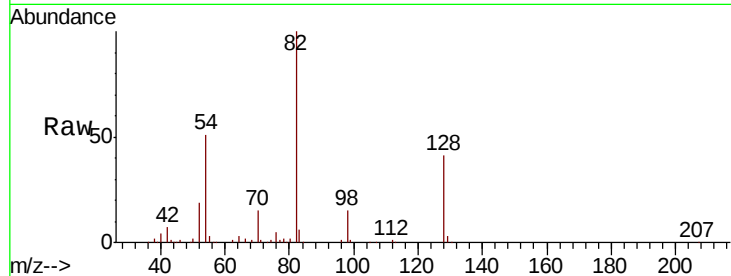
#23
 Nitrobenzene-d5
 Concen: 51.778 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.3	52.9
54	51.1	42.3	63.5

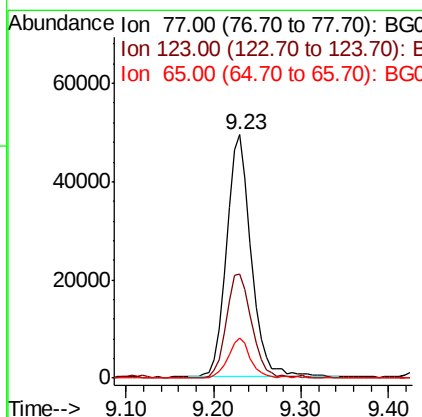
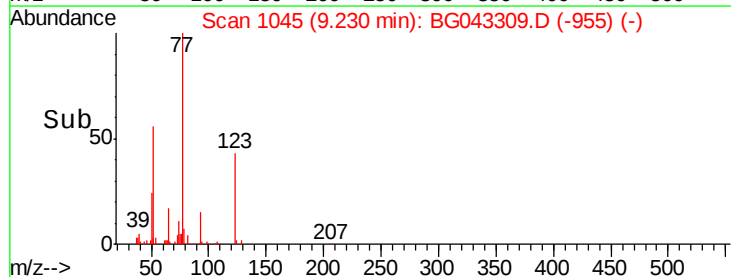
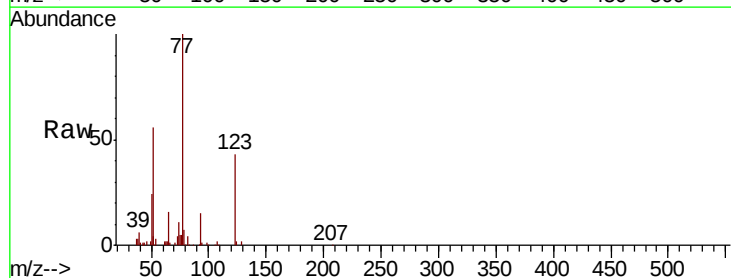
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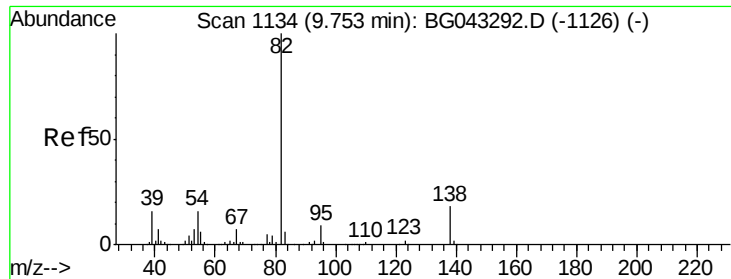
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#24
 Nitrobenzene
 Concen: 34.709 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.8	50.8
65	16.4	13.0	19.4





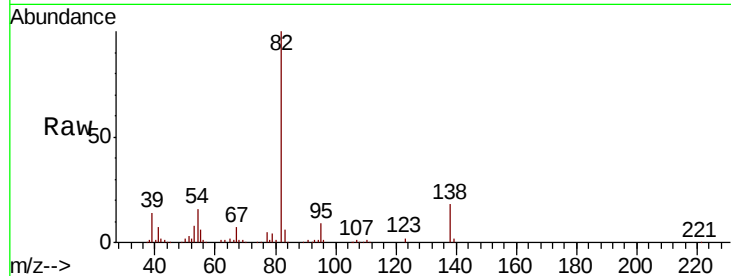
#25
Isophorone
Concen: 35.831 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

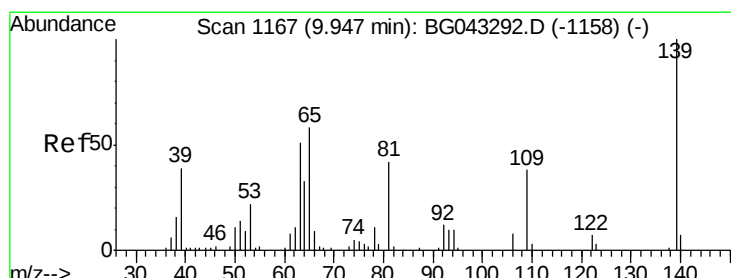
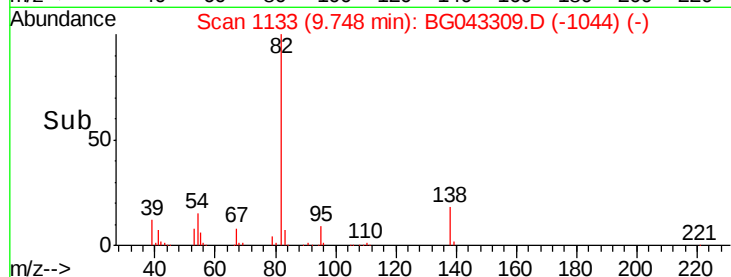
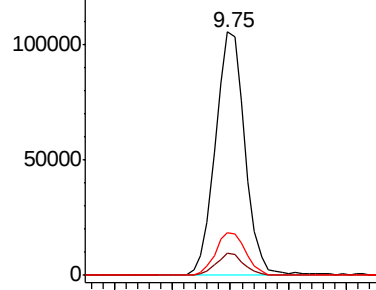
Tot Ion	Ratio	Resp	Lower	Upper
82	100	187991		
95	9.2		6.9	10.3
138	17.7		14.2	21.2

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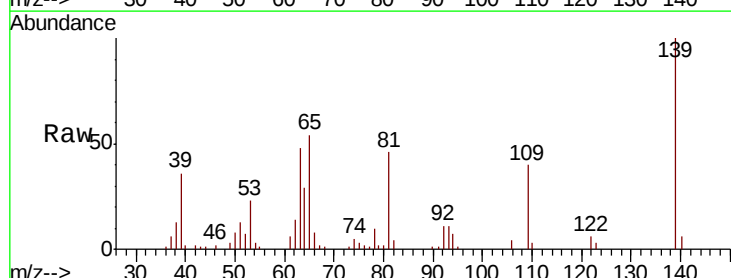


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

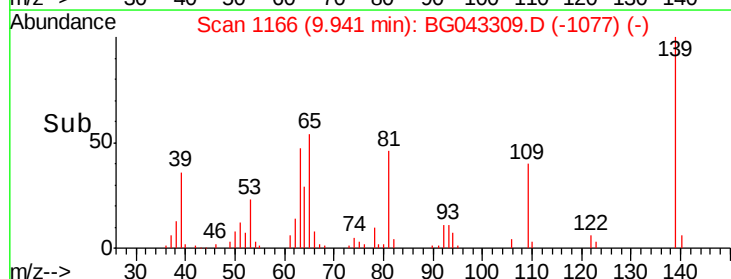
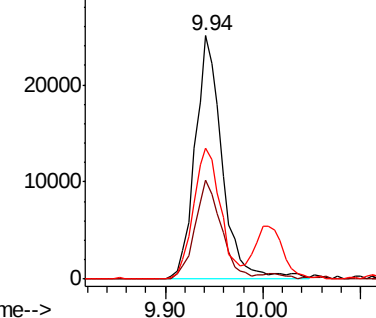


#26
2-Nitrophenol
Concen: 36.436 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48088		
109	40.4		30.1	45.1
65	53.9		46.1	69.1



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





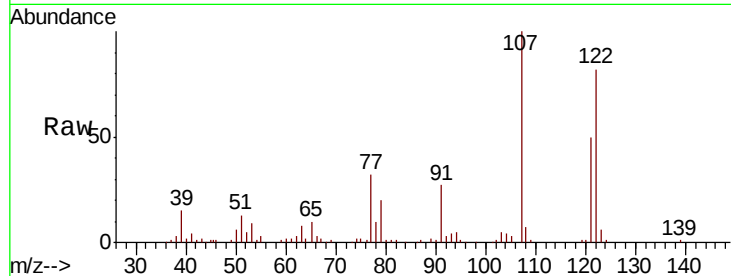
#27
 2,4-Dimethylphenol
 Concen: 43.466 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	98.6	147.8
121	61.0	50.1	75.1

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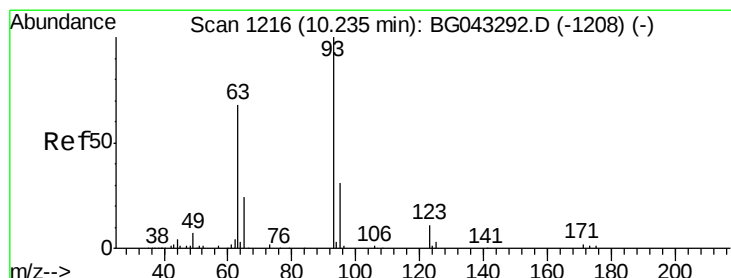
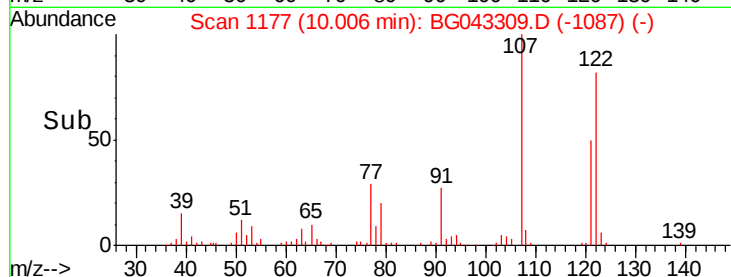
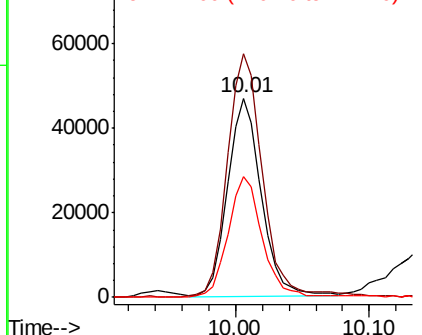


Abundance

Ion 122.00 (121.70 to 122.70): E

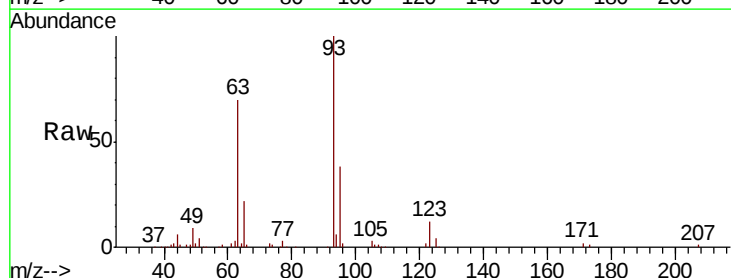
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.036 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.6	24.9	37.3#
123	12.1	8.9	13.3

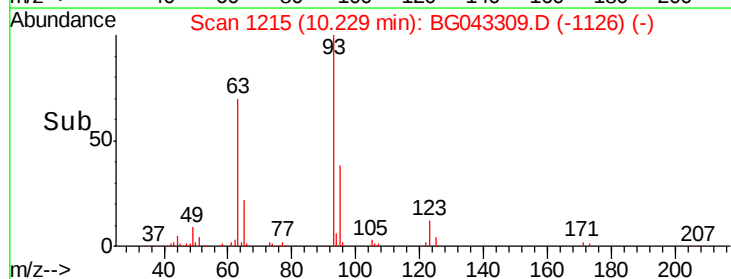
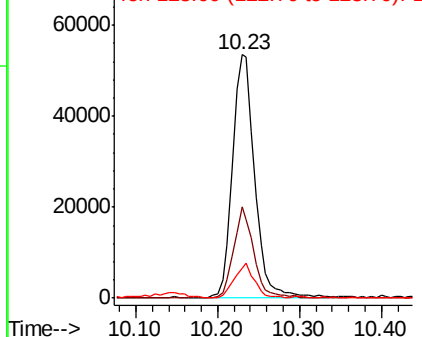


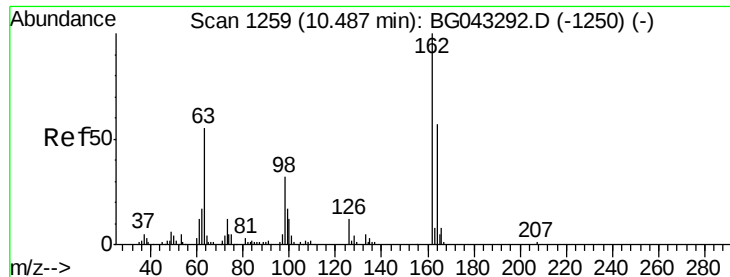
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.197 ng

RT: 10.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

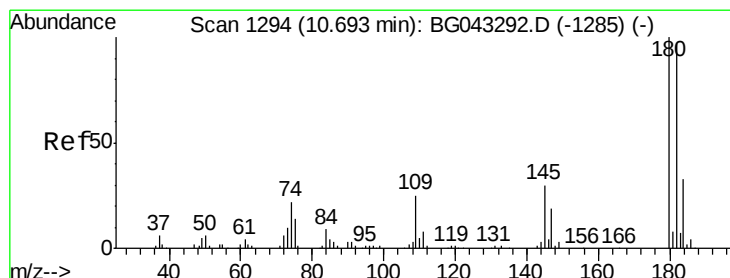
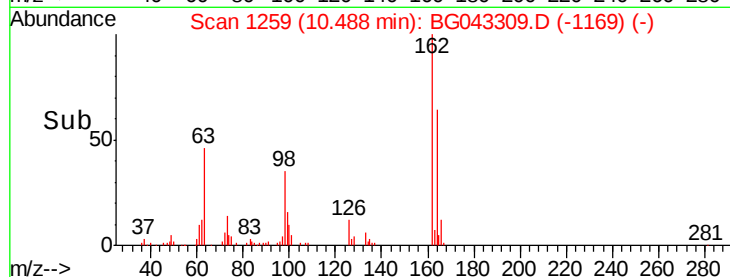
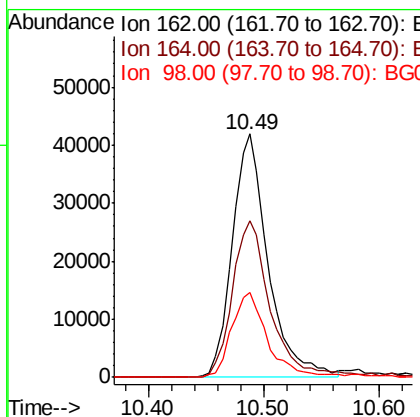
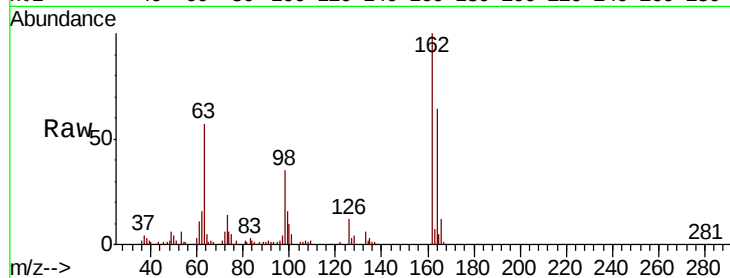
ClientSampled :

PB124203BS

Tot Ion:	162	Resp:	90154
Ion Ratio	Lower	Upper	
162	100		
164	64.1	37.3	77.3
98	34.7	11.8	51.8

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#30

1,2,4-Trichlorobenzene

Concen: 32.763 ng

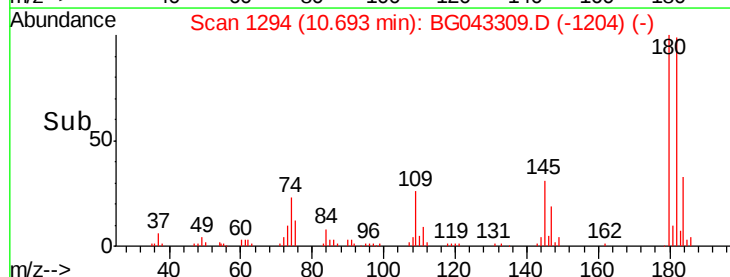
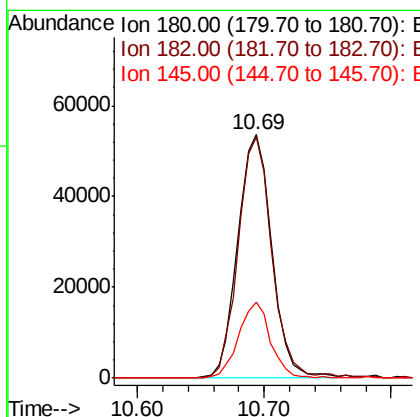
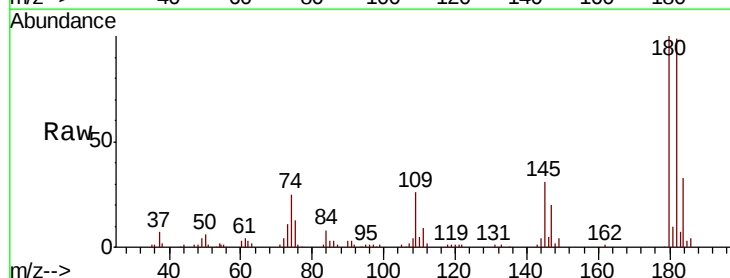
RT: 10.69 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	180	Resp:	100084
Ion Ratio	Lower	Upper	
180	100		
182	99.0	77.8	116.8
145	31.0	23.6	35.4





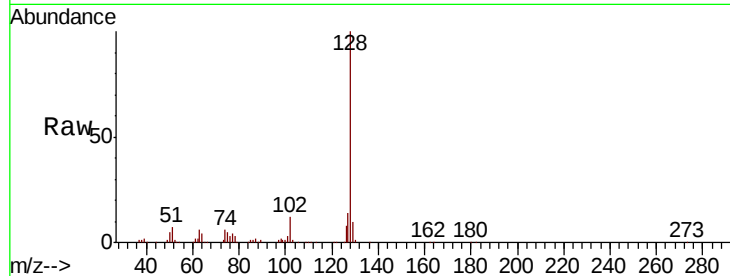
#31
Naphthalene
Concen: 35.598 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.6	11.5	17.3

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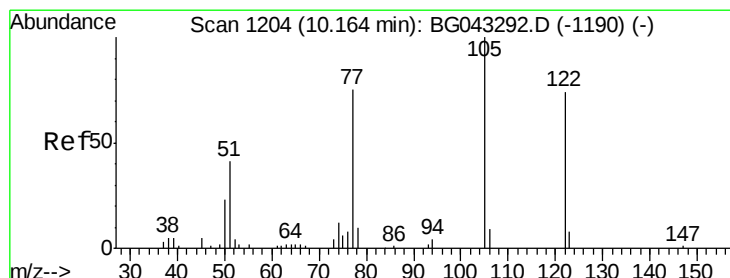
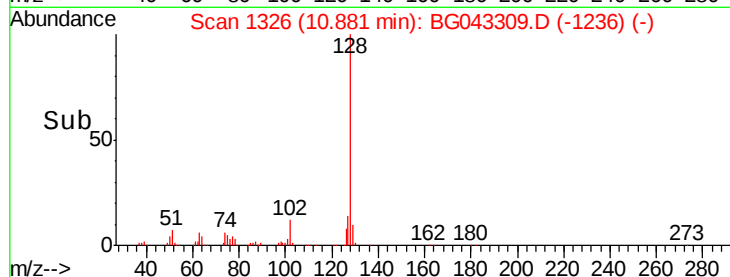
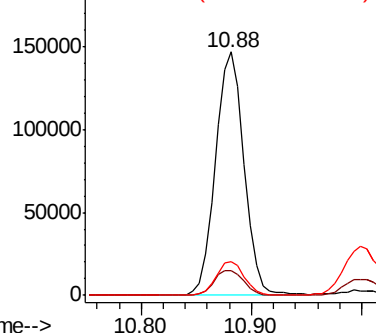


Abundance

Ion 128.00 (127.70 to 128.70): E

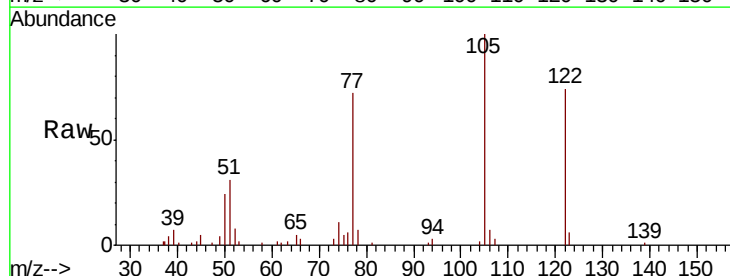
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.027 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.2	112.4	152.4
77	96.9	82.7	122.7

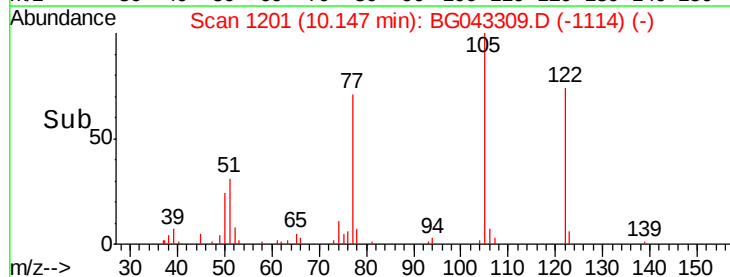
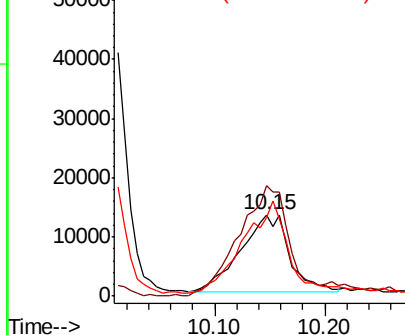


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





#33

4-Chloroaniline

Concen: 25.706 ng

RT: 11.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BG043309.D

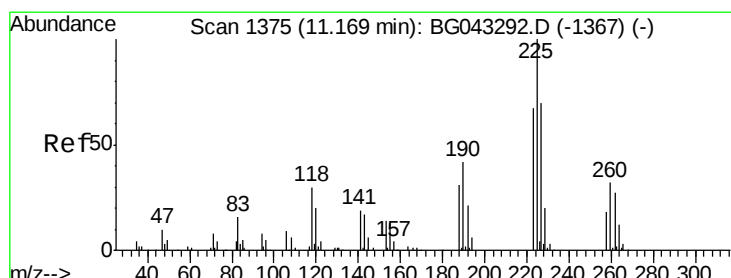
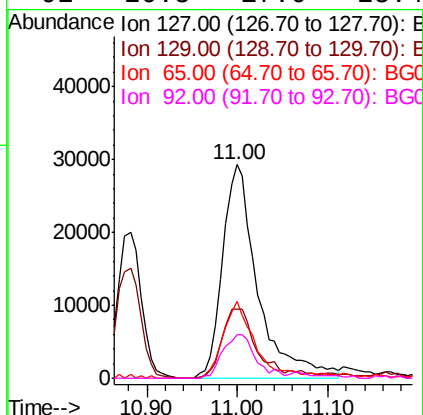
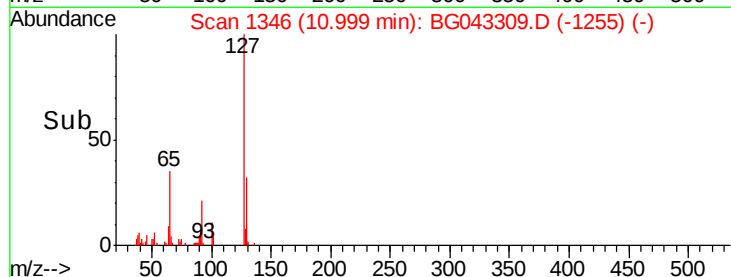
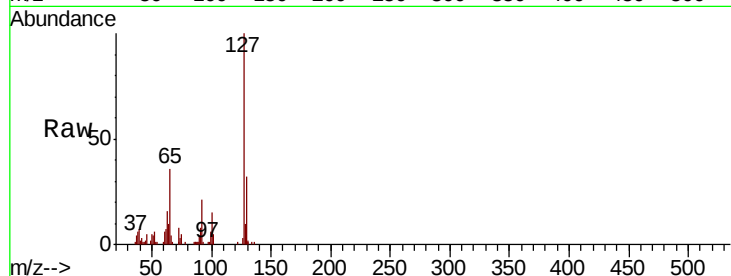
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	36.0	26.2	39.2		
92	20.5	17.0	25.4		

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#34

Hexachlorobutadiene

Concen: 31.967 ng

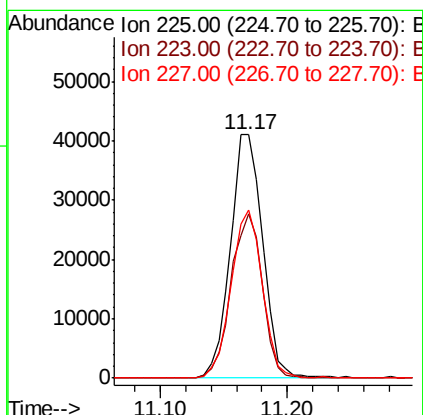
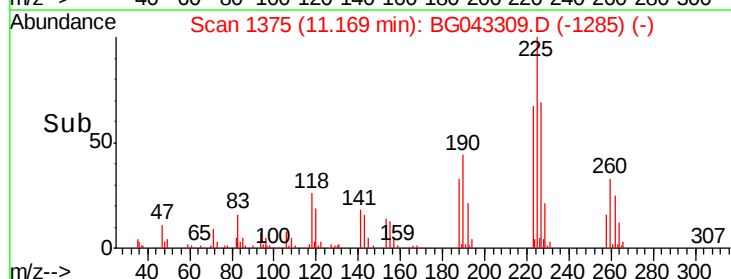
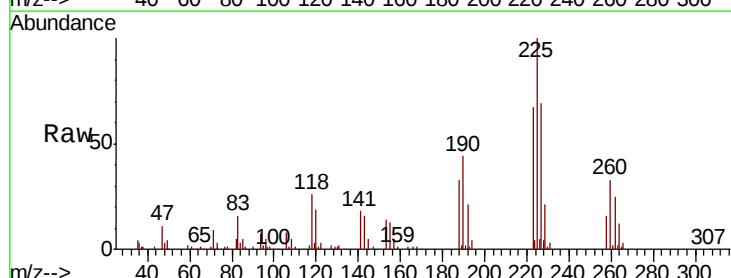
RT: 11.17 min Scan# 1375

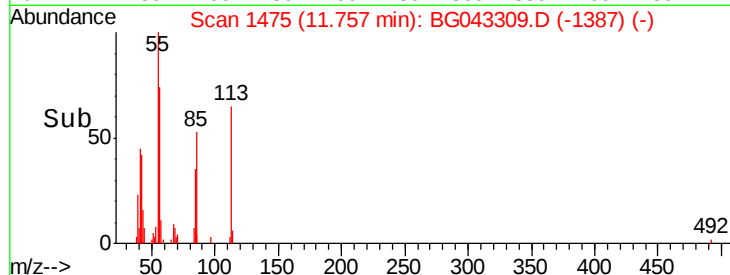
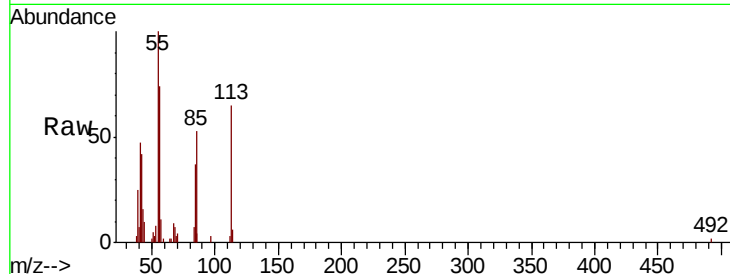
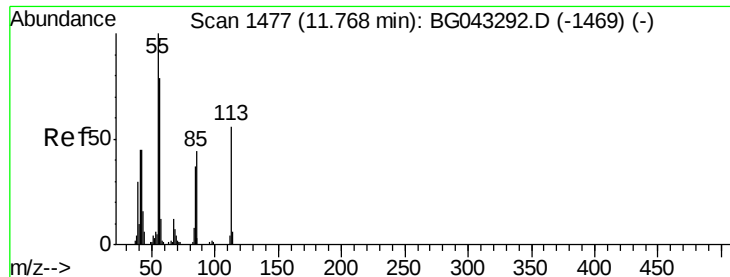
Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.2	53.2	79.8		
227	68.9	56.2	84.2		





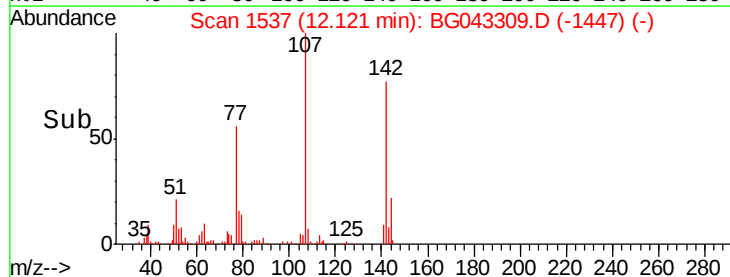
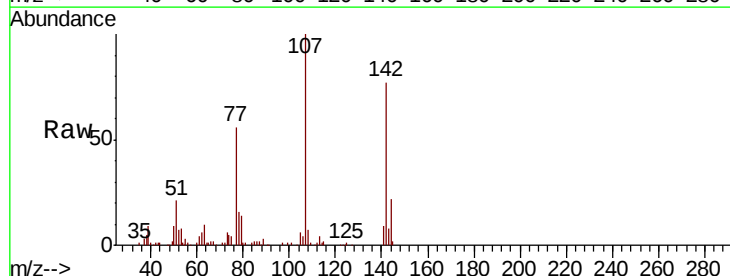
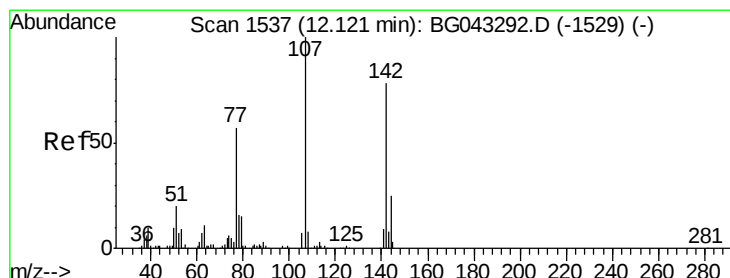
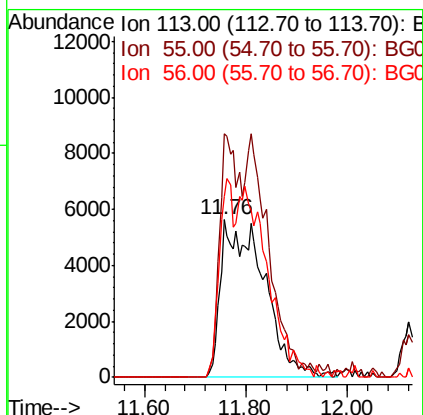
#35
Caprolactam
Concen: 39.545 ng/ml
RT: 11.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleID :
PB124203BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.8	158.9	198.9#
56	114.8	121.4	161.4#

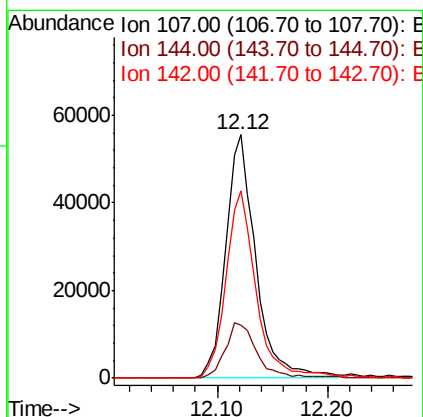
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#36
4-Chloro-3-methylphenol
Concen: 39.964 ng/ml
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.9	29.9
142	77.0	62.1	93.1





#37

2-Methylnaphthalene

Concen: 37.103 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

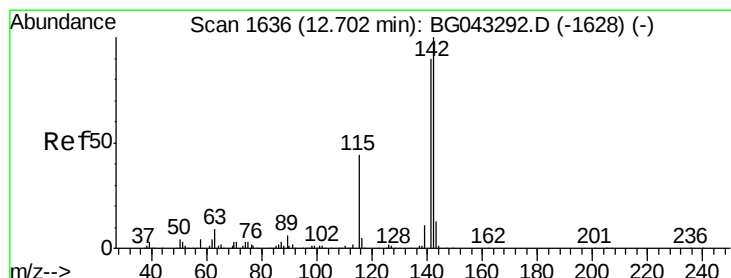
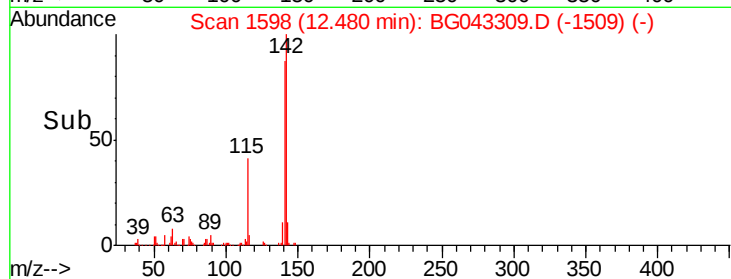
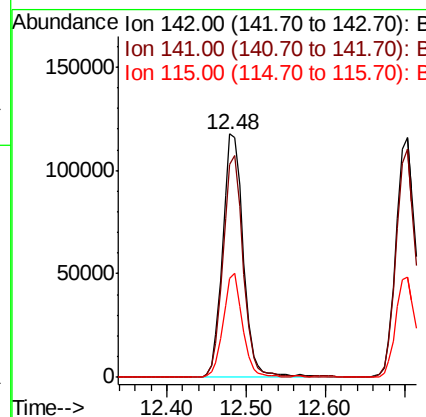
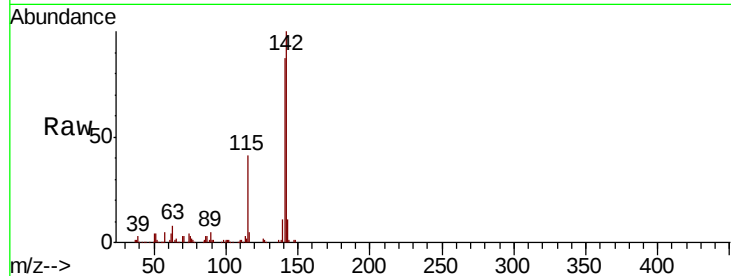
ClientSampleId :

PB124203BS

Tot Ion:	142	Resp:	213794
Ion Ratio	Lower	Upper	
142	100		
141	87.2	69.7	104.5
115	40.5	30.6	46.0

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#38

1-Methylnaphthalene

Concen: 36.609 ng

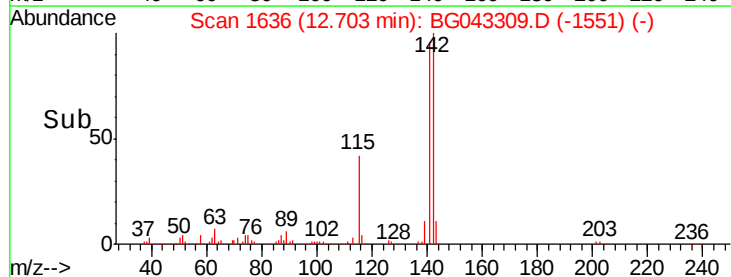
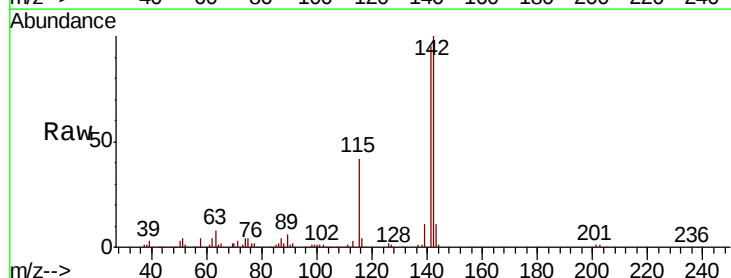
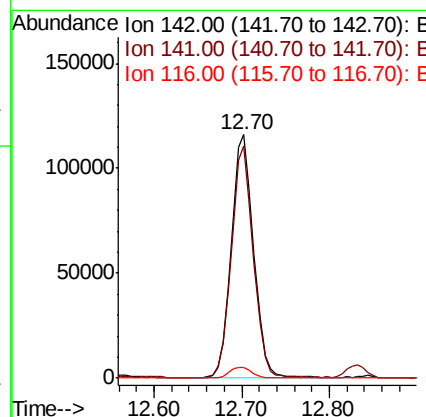
RT: 12.70 min Scan# 1636

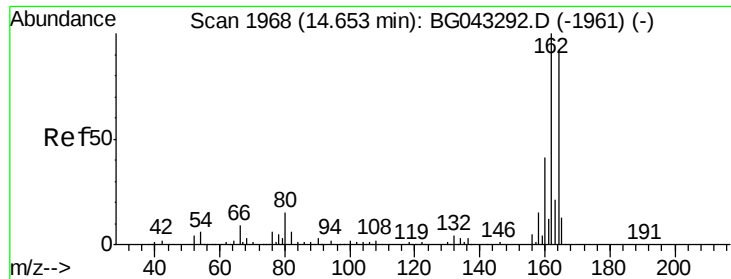
Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	142	Resp:	200709
Ion Ratio	Lower	Upper	
142	100		
141	95.1	72.3	108.5
116	4.3	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

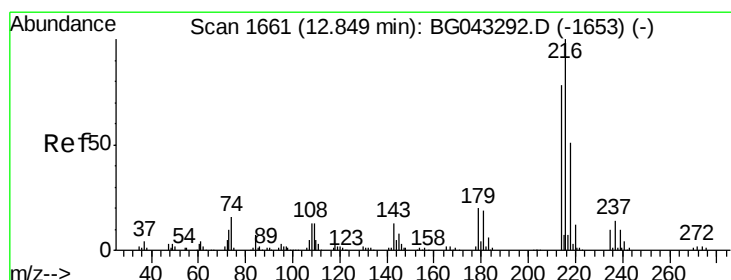
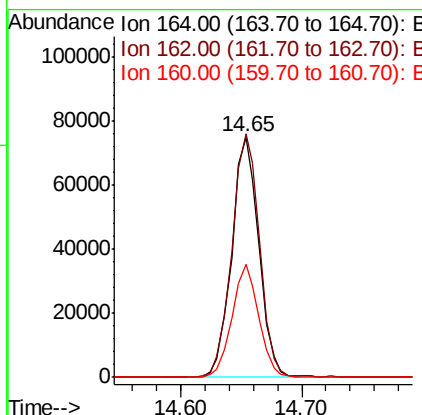
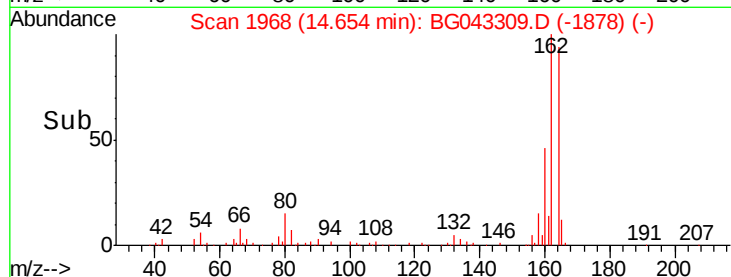
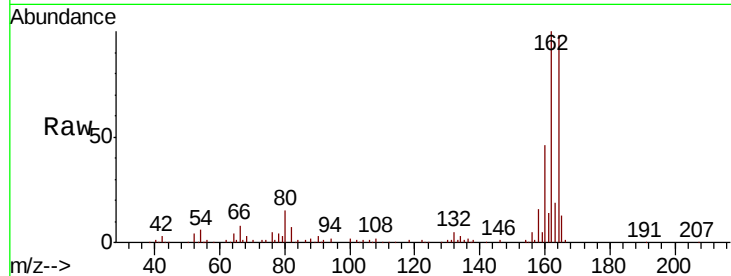
ClientSampleId :

PB124203BS

Tot Ion:	164	Resp:	116895
Ion Ratio	Lower	Upper	
164	100		
162	101.6	87.0	130.4
160	47.0	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.167 ng

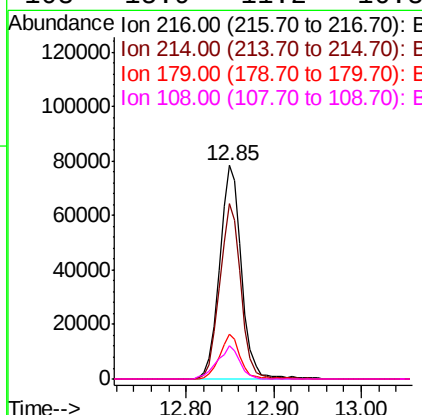
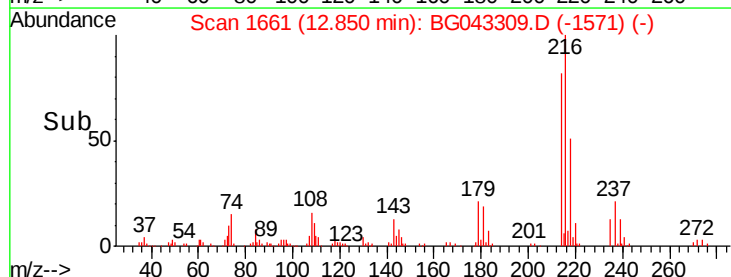
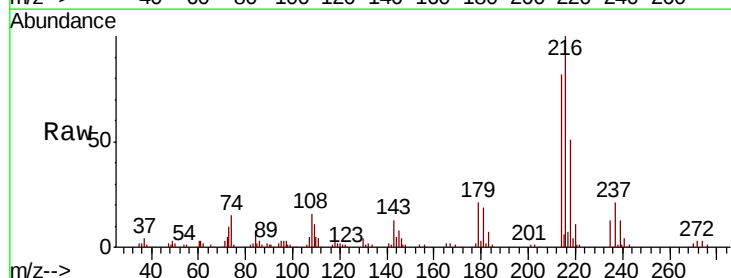
RT: 12.85 min Scan# 1661

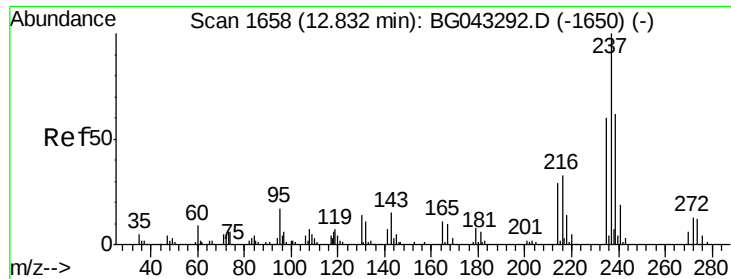
Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	216	Resp:	134832
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.5	95.3
179	19.4	16.2	24.2
108	15.9	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 47.989 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

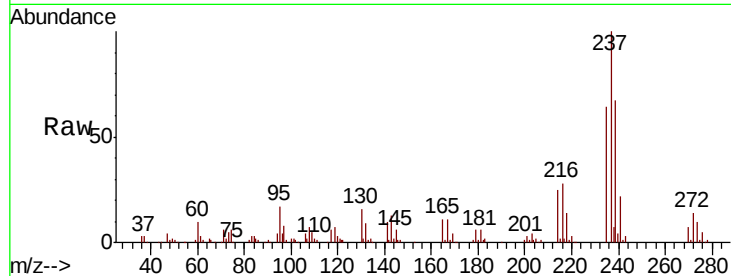
ClientSampleId :

PB124203BS

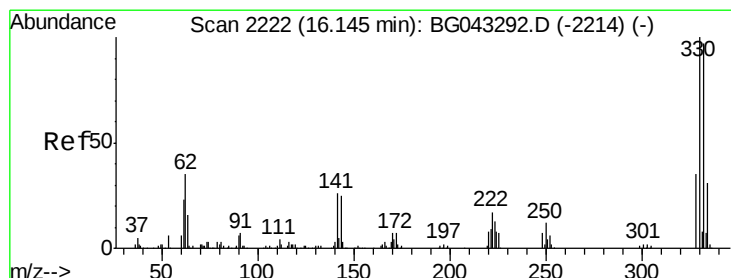
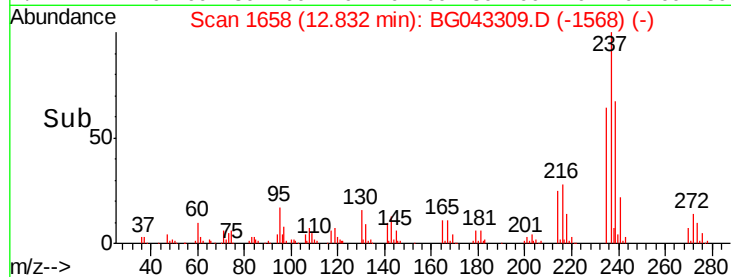
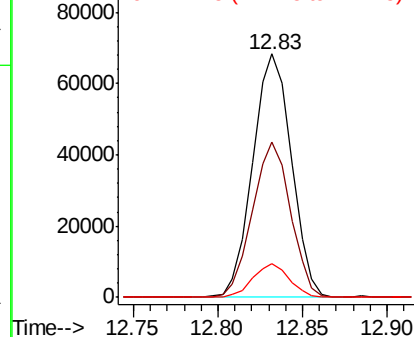
Tot Ion:	237	Resp:	109056
Ion Ratio		Lower	Upper
237	100		
235	63.7	40.3	80.3
272	14.0	0.0	32.9

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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: 97.581 ng

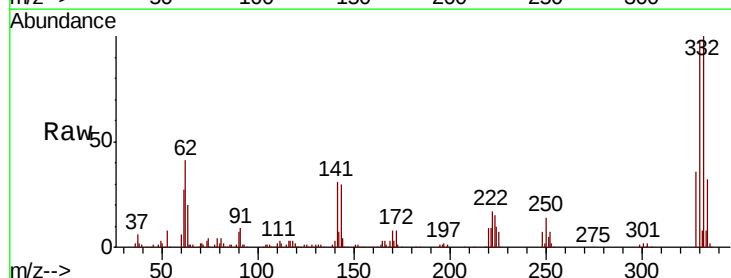
RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

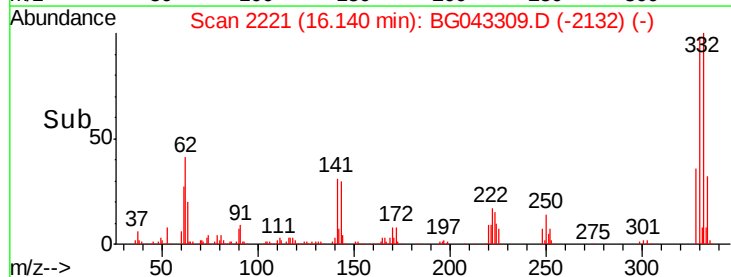
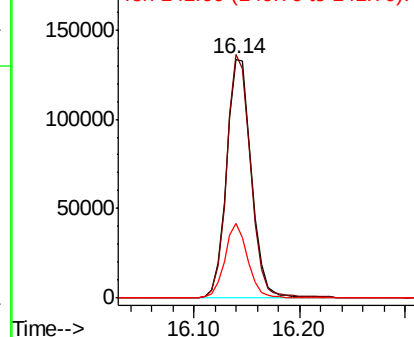
Lab File: BG043309.D

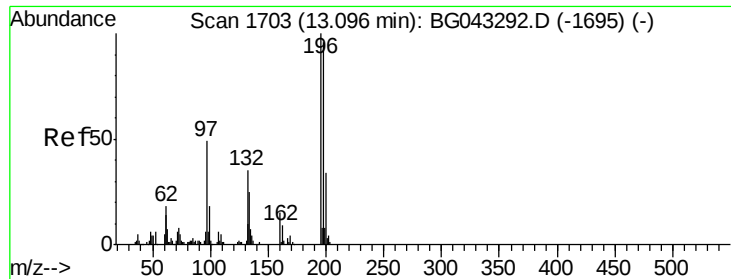
Acq: 23 Oct 2019 15:28

Tgt Ion:	330	Resp:	217070
Ion Ratio		Lower	Upper
330	100		
332	97.8	76.4	114.6
141	29.1	21.4	32.0



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





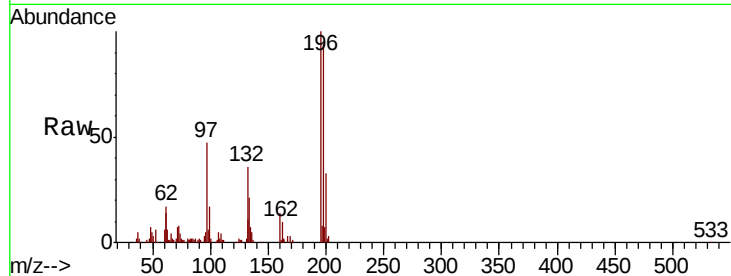
#43
 2,4,6-Trichlorophenol
 Concen: 36.605 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.0	115.4
200	33.1	27.4	41.2

Manual Integrations
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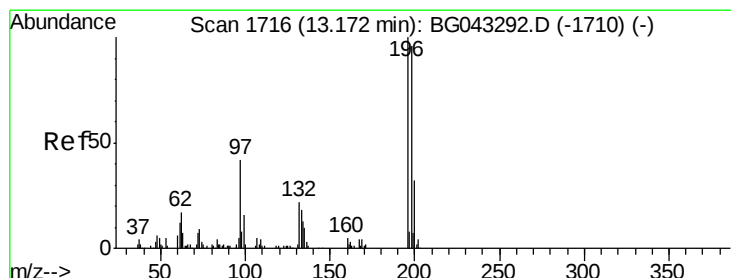
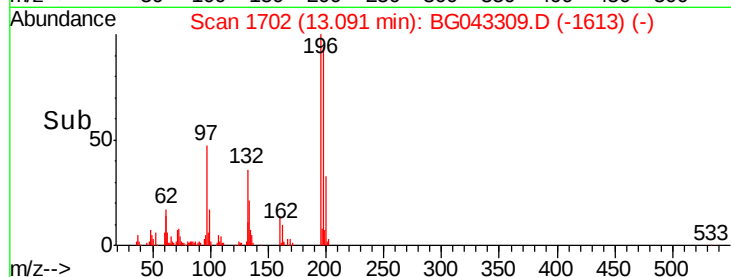
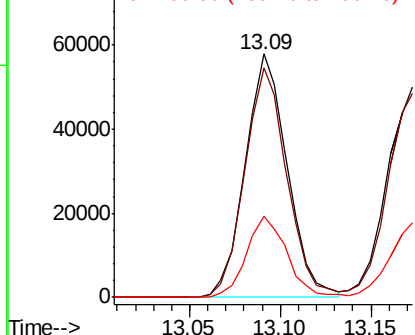


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.952 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	114.8
97	41.9	34.1	51.1
132	21.2	18.2	27.4

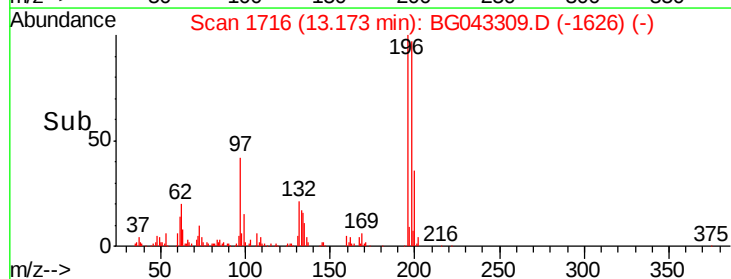
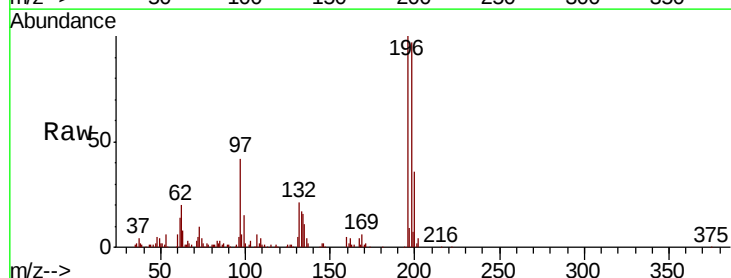
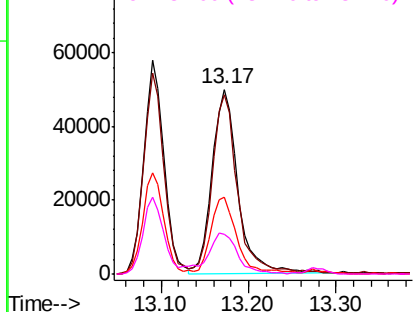
Abundance

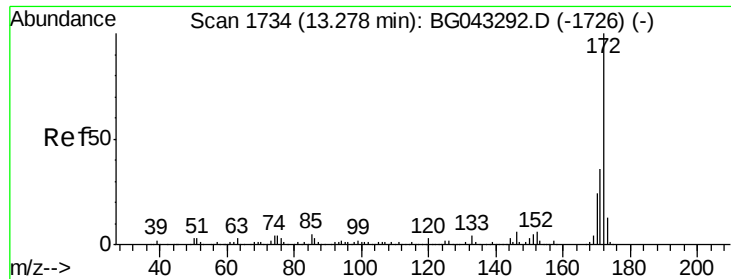
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





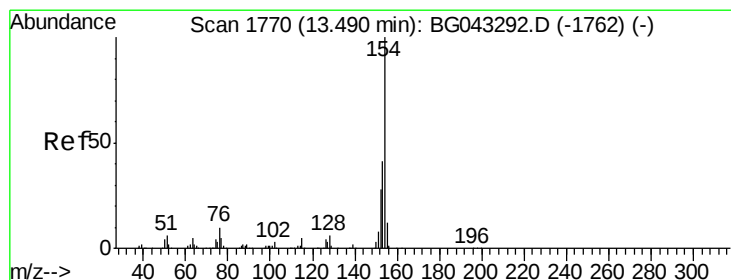
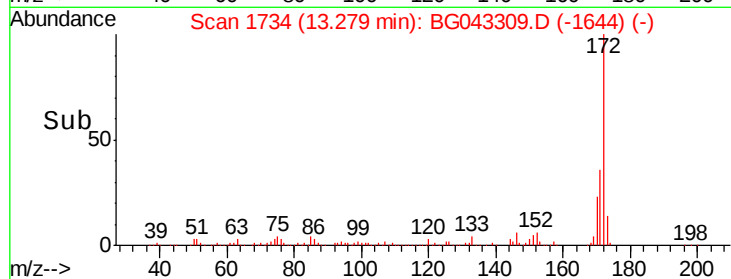
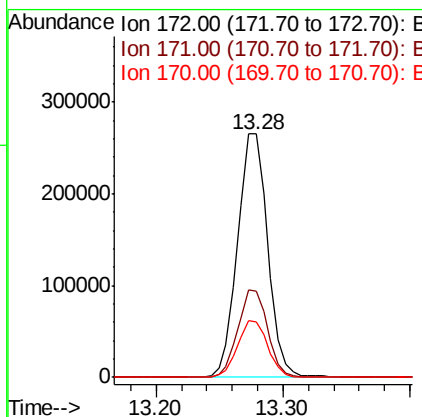
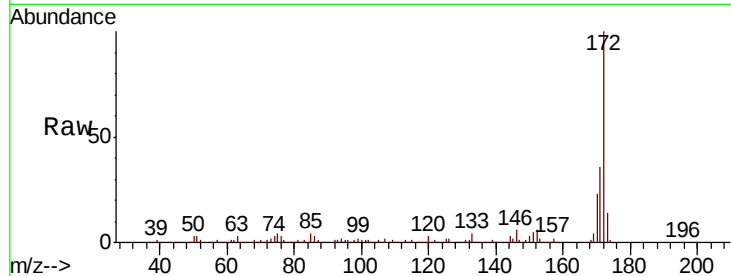
#45
2-Fluorobiphenyl
Concen: 51.711 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.9	18.8	28.2

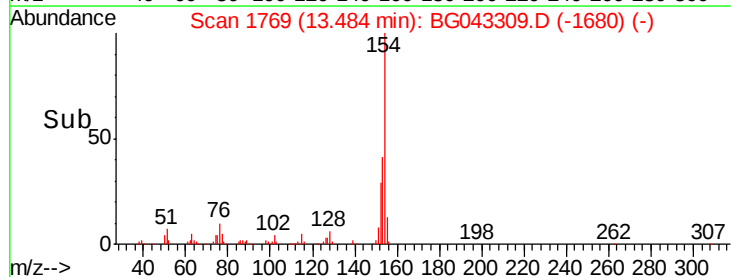
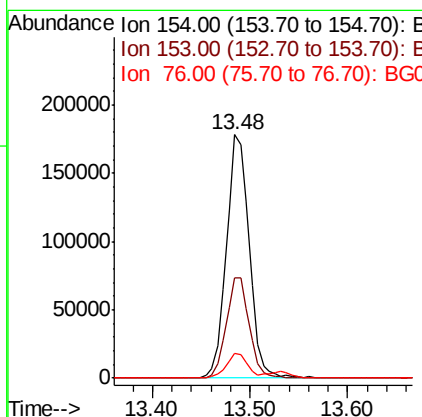
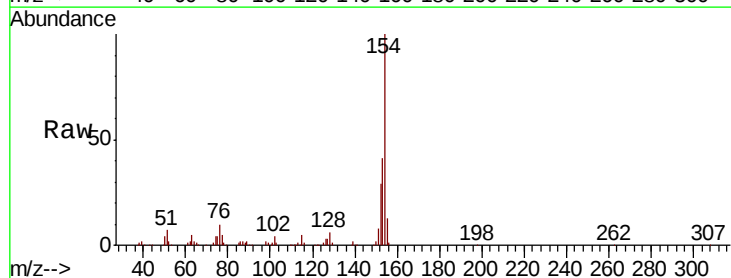
Manual Integrations
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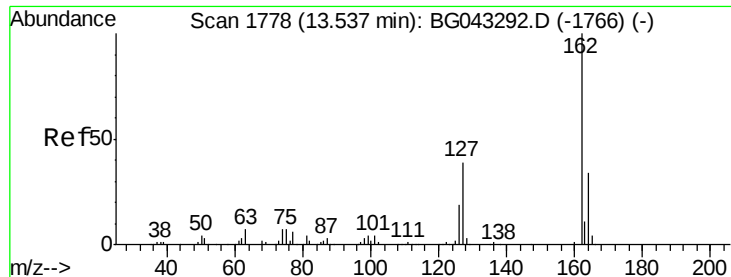
mohammad
10/24/2019 2:11:35 PM



#46
1,1'-Biphenyl
Concen: 32.483 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	10.0	0.0	29.8





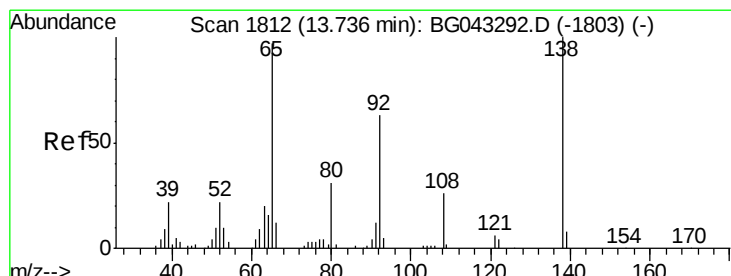
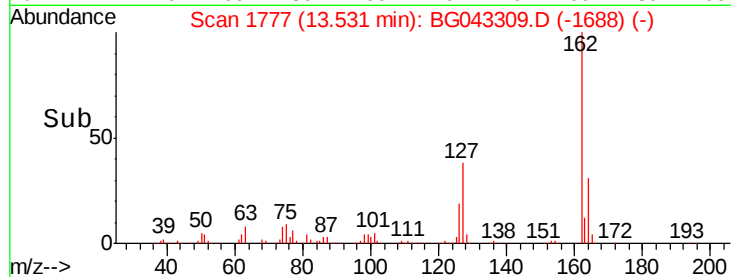
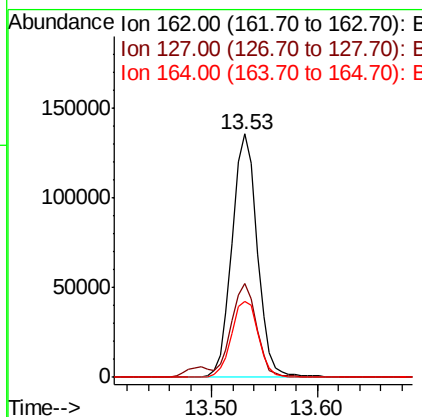
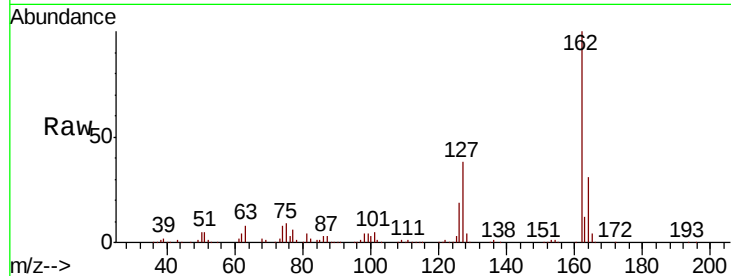
#47
2-Chloronaphthalene
Concen: 33.031 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.3	46.9
164	31.3	26.8	40.2

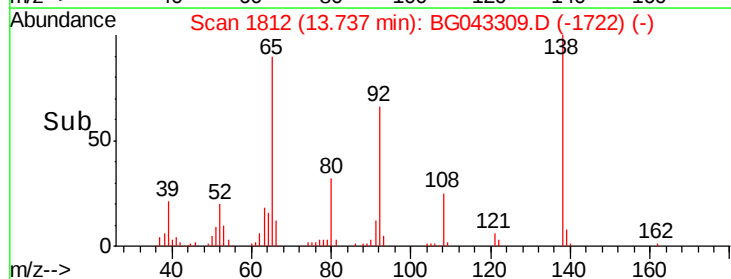
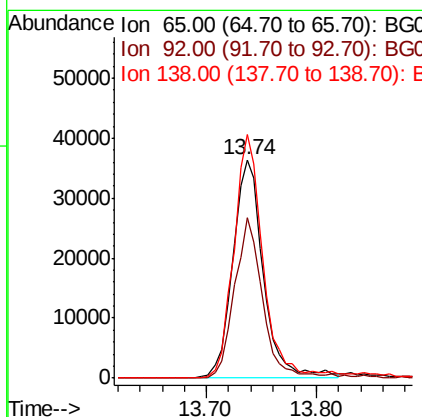
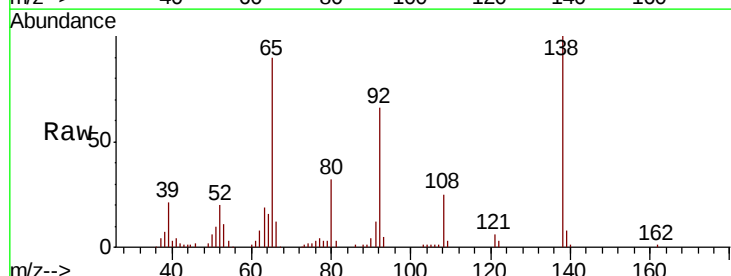
Manual Integrations
APPROVED

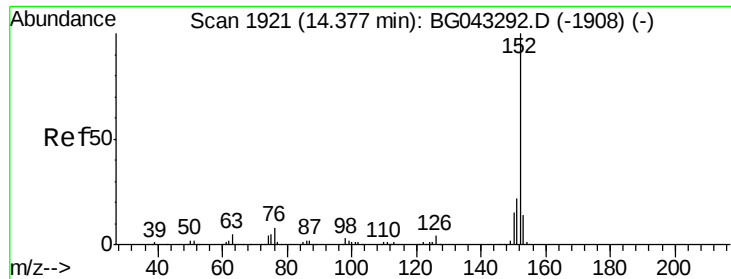
mohammad
10/24/2019 2:11:35 PM



#48
2-Nitroaniline
Concen: 35.008 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	52.6	79.0
138	111.4	82.9	124.3





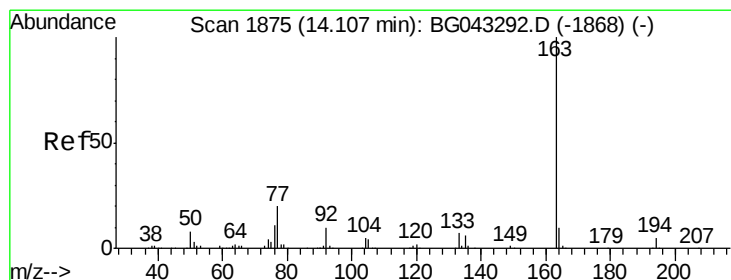
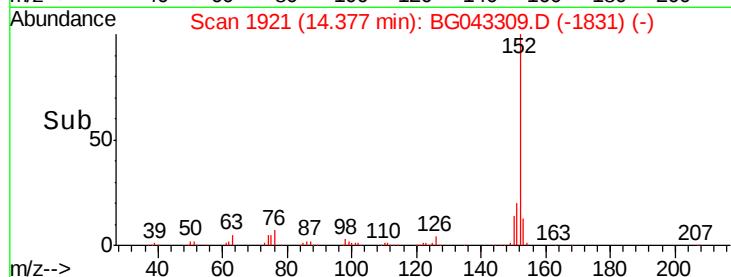
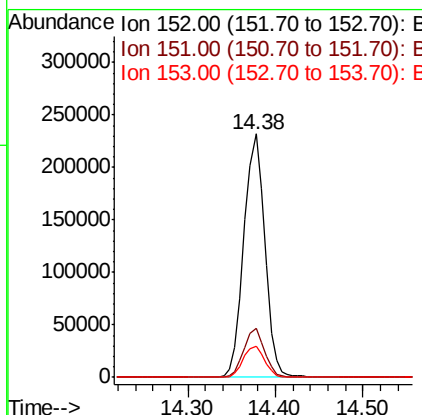
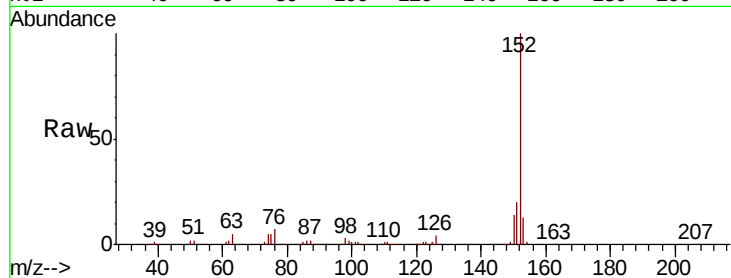
#49
Acenaphthylene
Concen: 35.456 ng
RT: 14.38 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.0	11.0	16.6

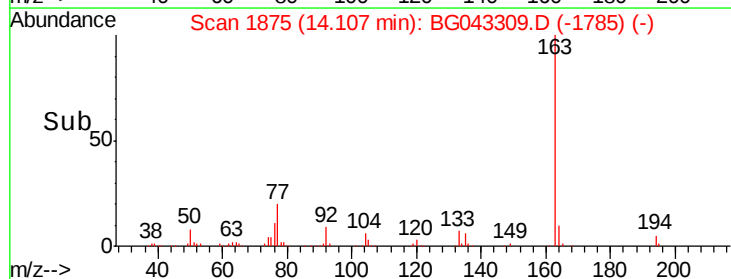
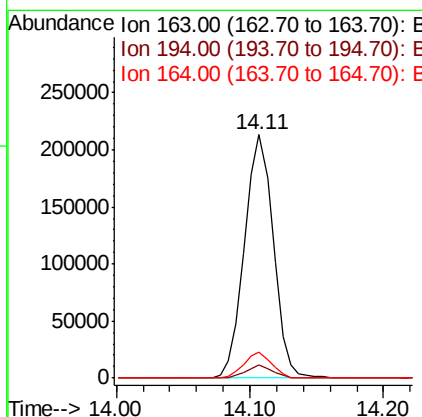
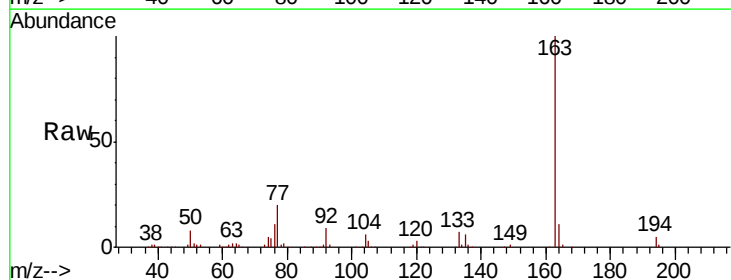
Manual Integrations
APPROVED

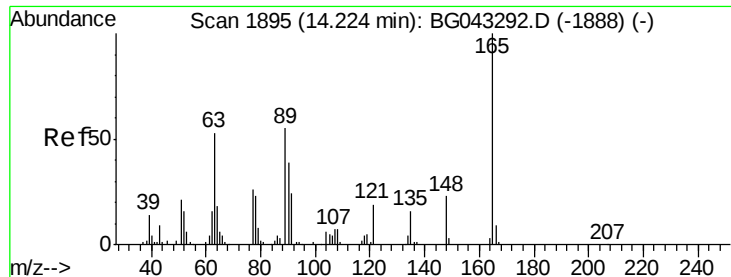
mohammad
10/24/2019 2:11:35 PM



#50
Dimethylphthalate
Concen: 35.090 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.7	5.5
164	10.6	8.1	12.1





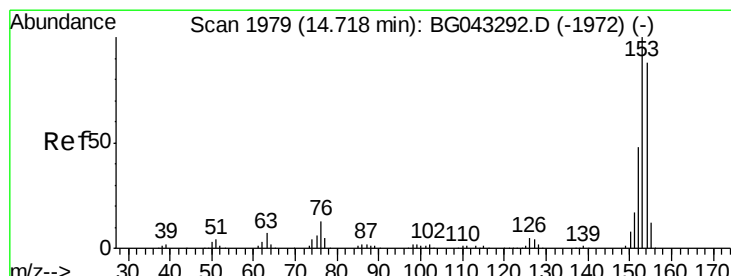
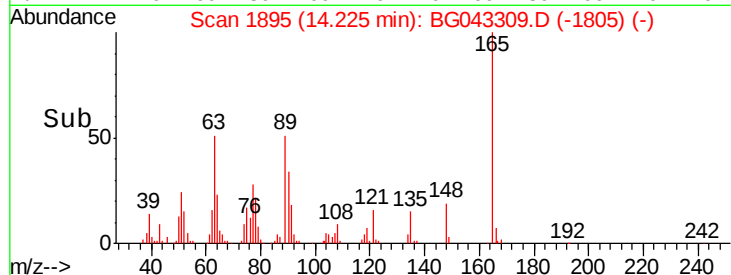
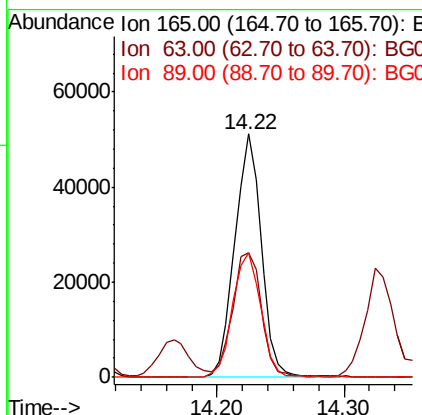
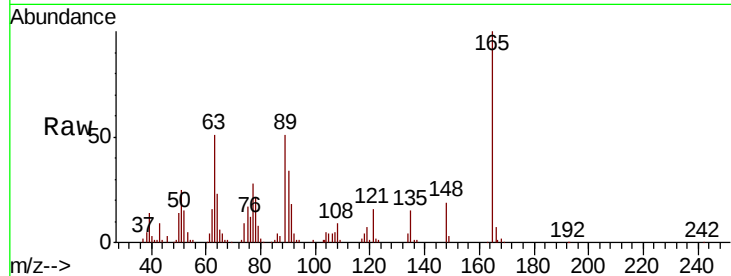
#51
2,6-Dinitrotoluene
Concen: 37.550 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	47.1	70.7
89	51.1	43.7	65.5

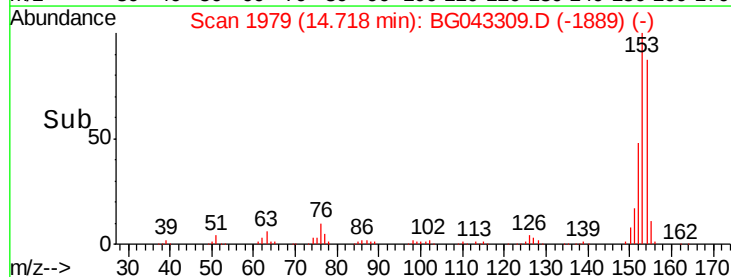
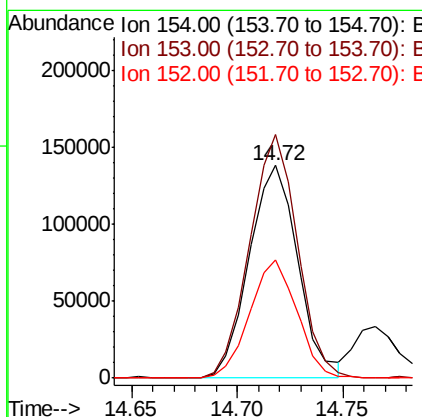
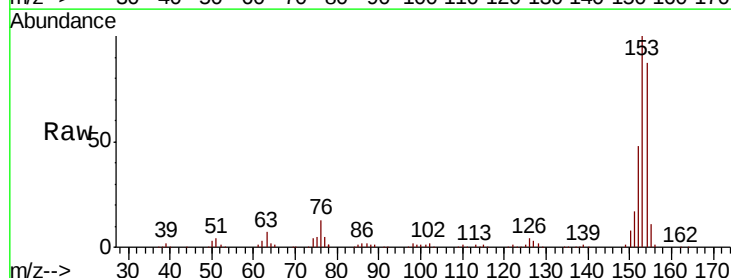
Manual Integrations
APPROVED

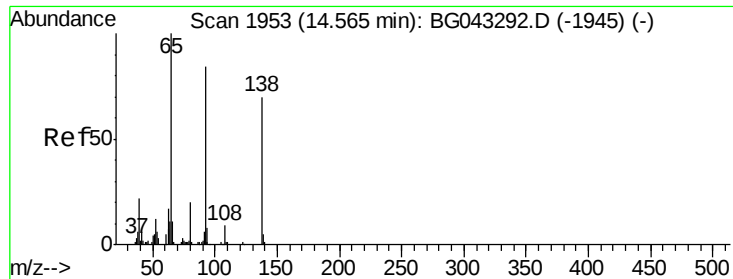
mohammad
10/24/2019 2:11:35 PM



#52
Acenaphthene
Concen: 34.694 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.9	136.3
152	55.5	43.9	65.9





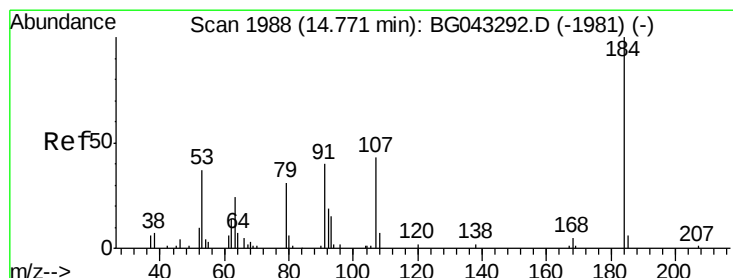
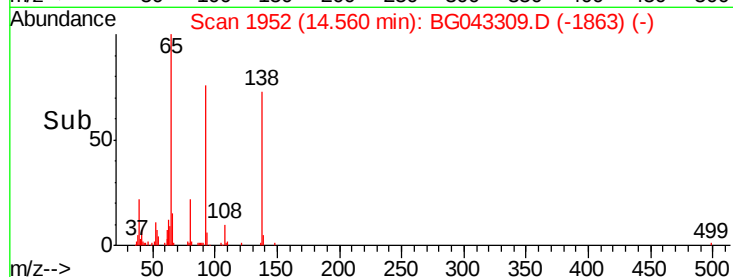
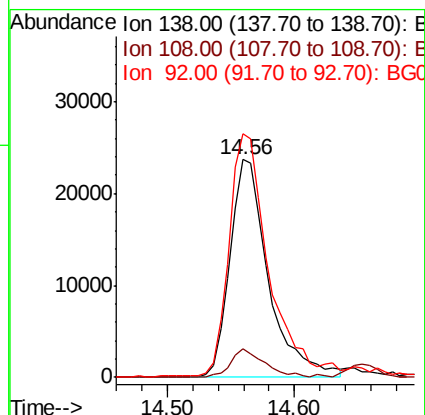
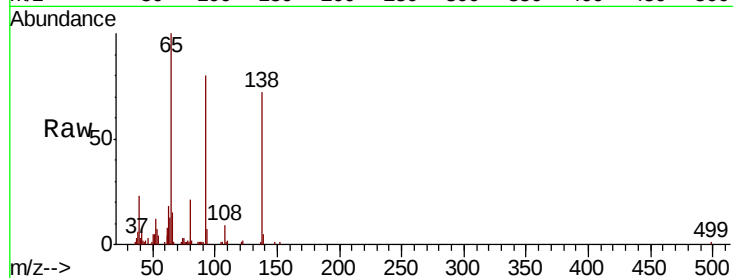
#53
3-Nitroaniline
Concen: 26.137 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.2	9.8	14.6
92	111.8	95.8	143.6

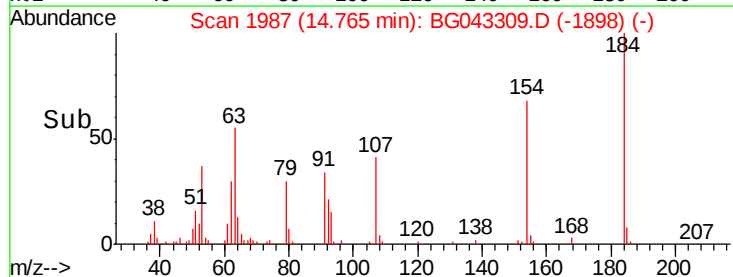
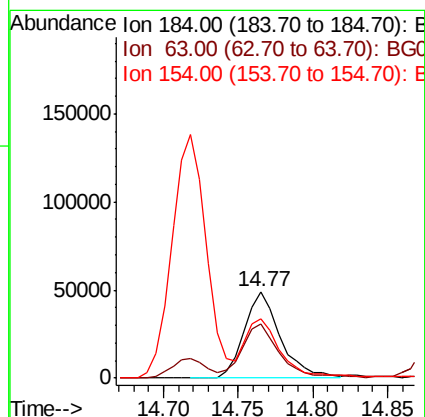
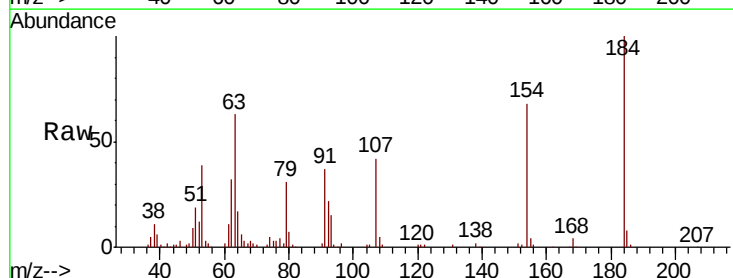
Manual Integrations
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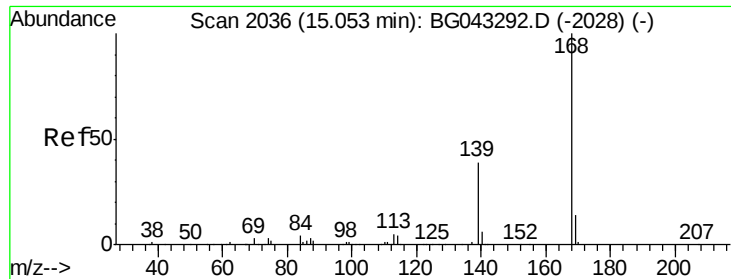
mohammad
10/24/2019 2:11:35 PM



#54
2,4-Dinitrophenol
Concen: 68.312 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	48.8	73.2
154	67.7	49.4	74.0





#55

Dibenzenofuran

Concen: 36.026 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

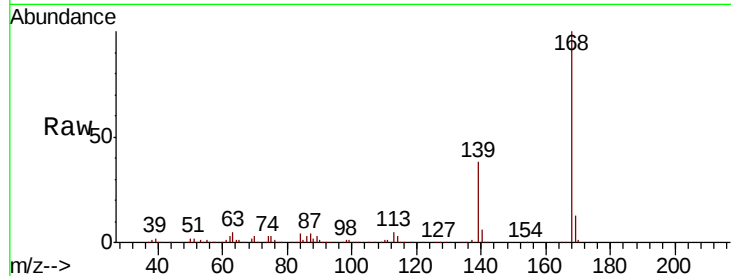
ClientSampleId :

PB124203BS

Tot Ion:	168	Resp:	375179
Ion Ratio	Lower	Upper	
168	100		
139	38.4	31.7	47.5
169	13.4	11.0	16.4

Manual Integrations
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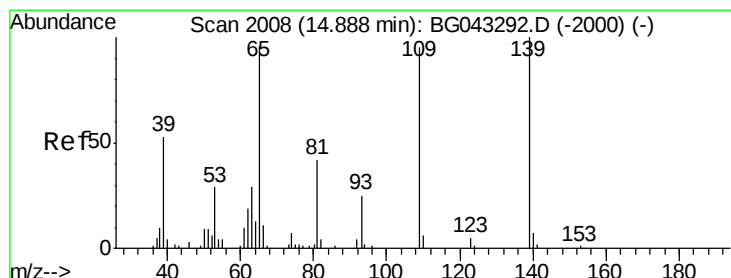
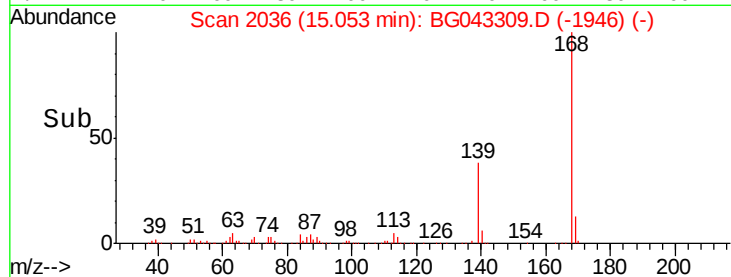
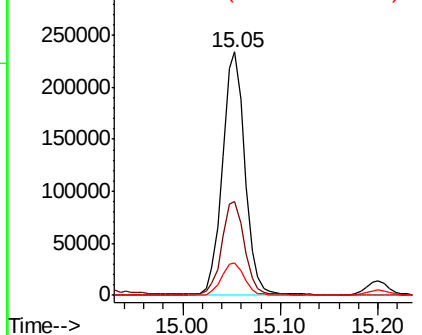


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.841 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

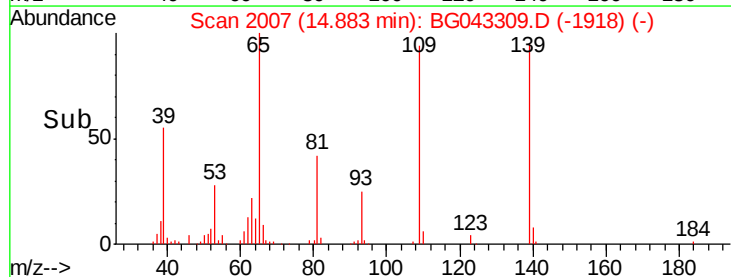
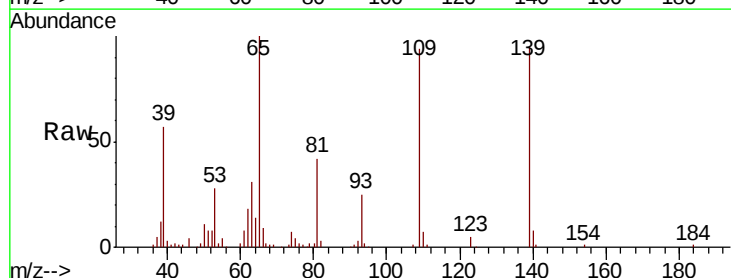
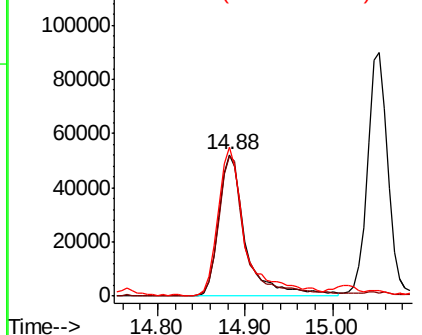
Tgt Ion:	139	Resp:	111792
Ion Ratio	Lower	Upper	
139	100		
109	98.7	75.4	115.4
65	105.1	76.6	116.6

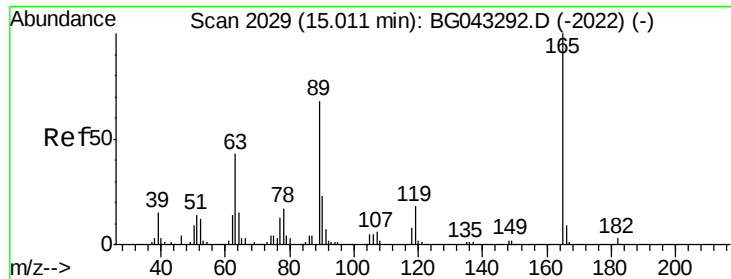
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





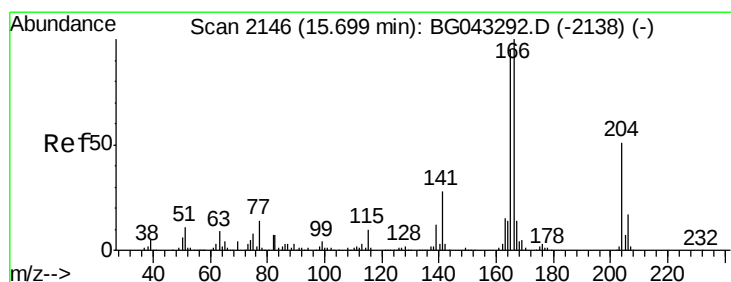
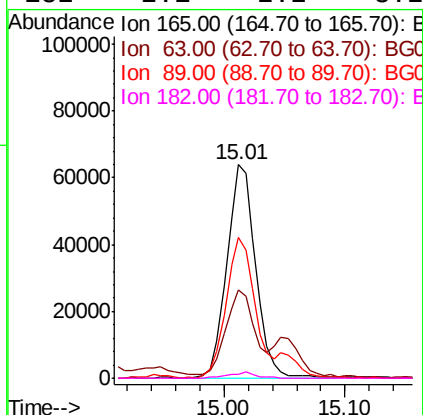
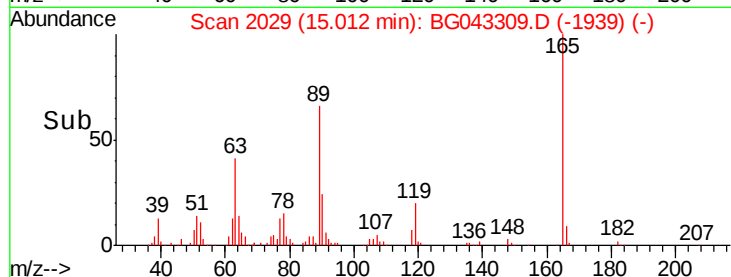
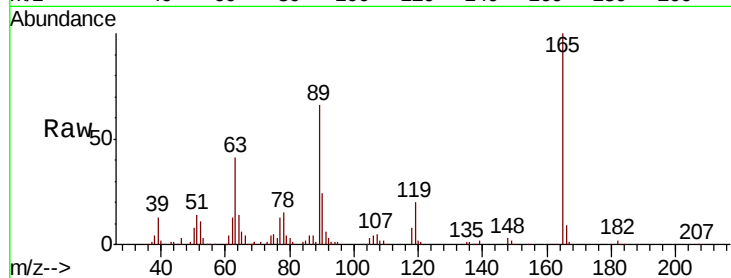
#57
 2,4-Dinitrotoluene
 Concen: 37.757 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleID :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	35.0	52.6
89	65.9	54.1	81.1
182	2.1	2.2	3.2

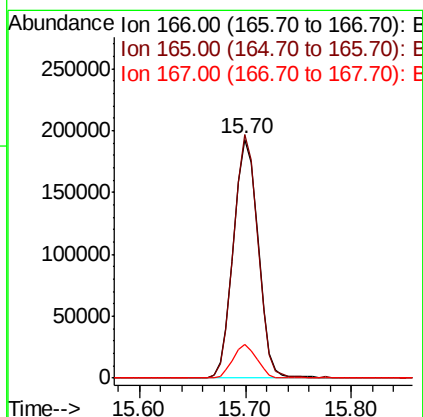
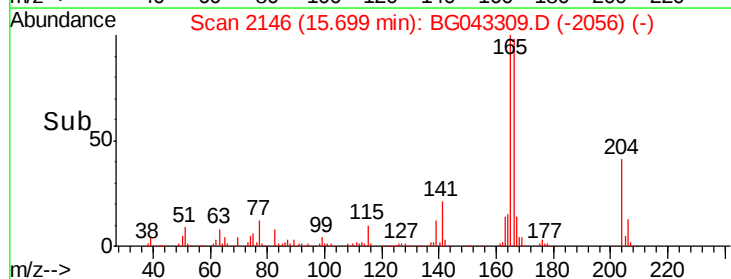
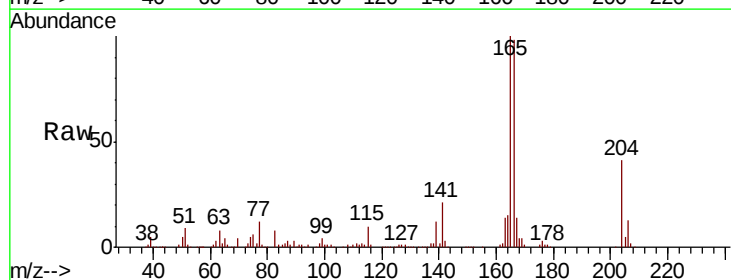
Manual Integrations
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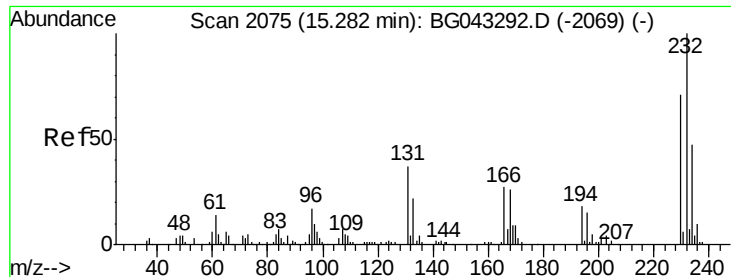
mohammad
 10/24/2019 2:11:35 PM



#58
 Fluorene
 Concen: 35.715 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.4	114.6
167	14.2	11.1	16.7





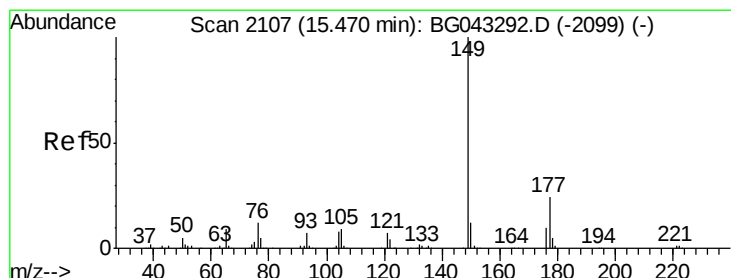
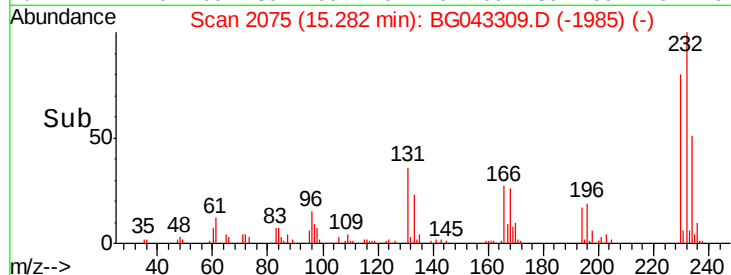
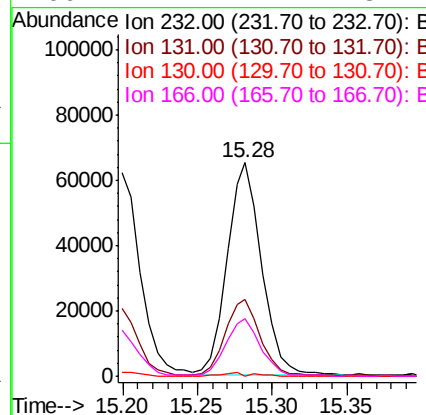
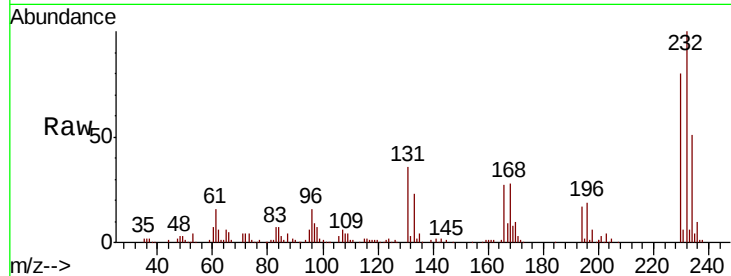
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.122 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	37.6	28.7	43.1
130	0.9	0.6	0.8
166	27.7	21.1	31.7

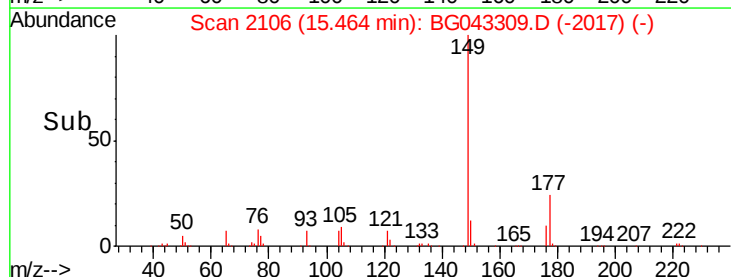
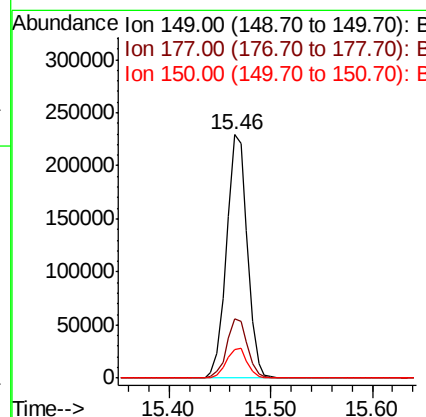
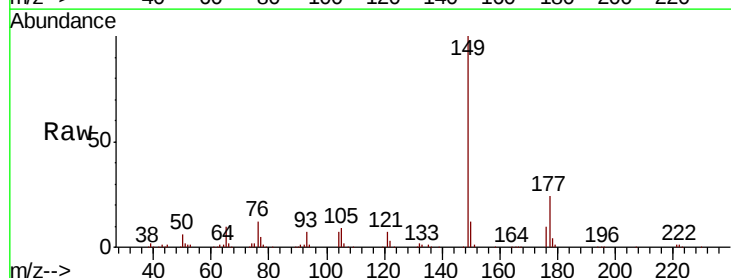
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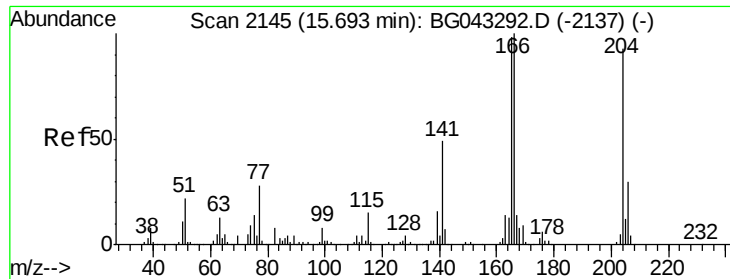
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#60
 Diethylphthalate
 Concen: 35.771 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.2	19.0	28.4
150	11.9	9.4	14.0





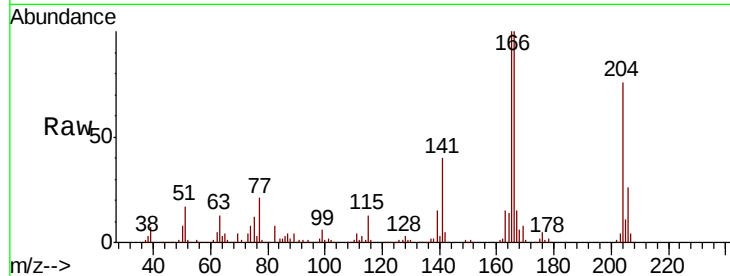
#61
4-Chlorophenyl-phenylether
Concen: 35.498 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	25.7	38.5
141	52.0	42.3	63.5

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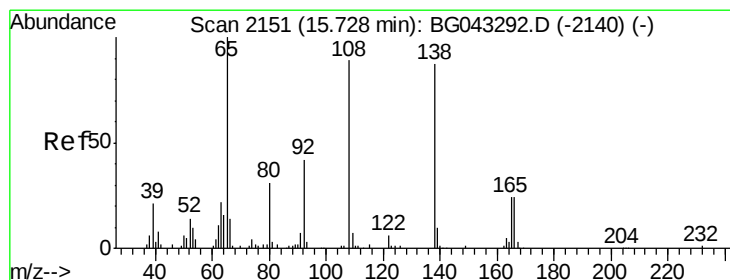
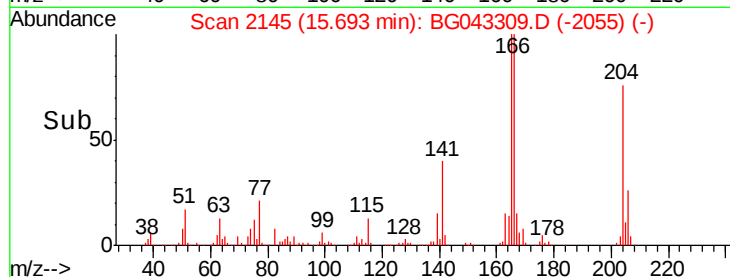
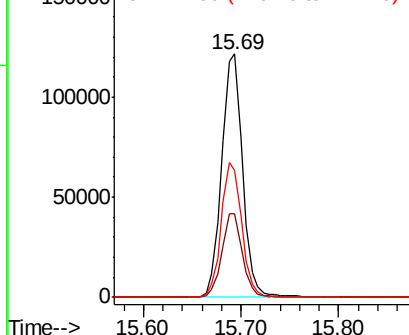


Abundance

Ion 204.00 (203.70 to 204.70): E

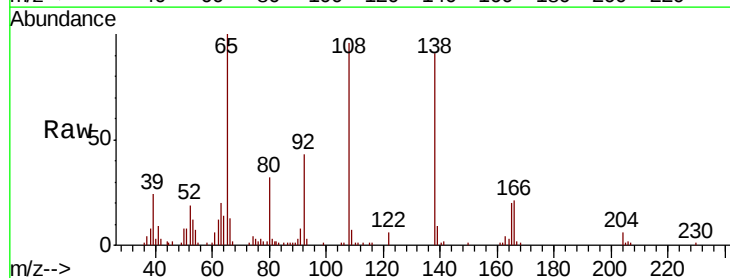
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.364 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.8	68.8
108	105.8	82.7	122.7

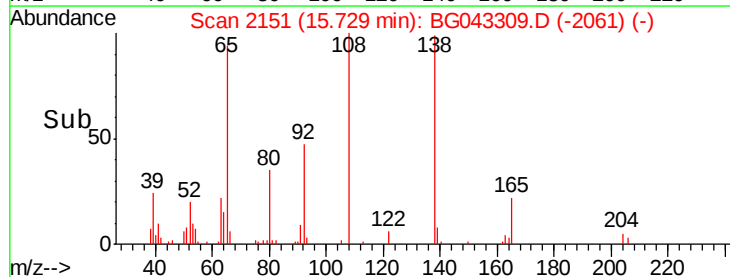
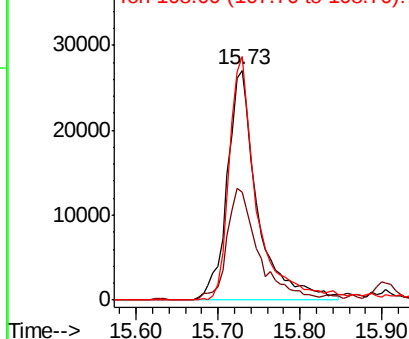


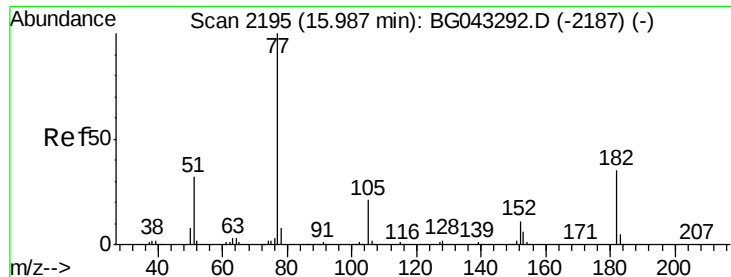
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





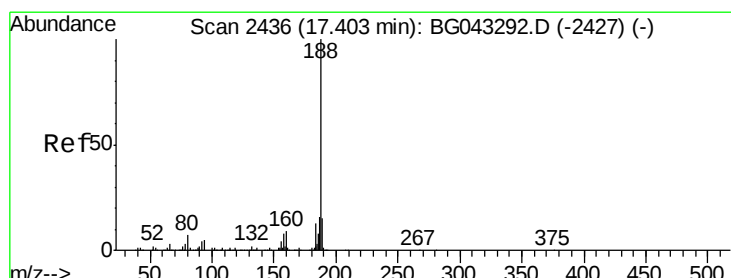
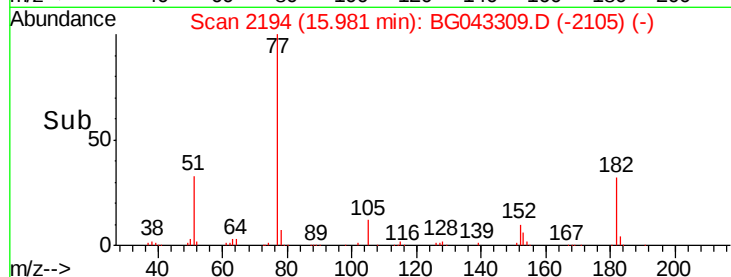
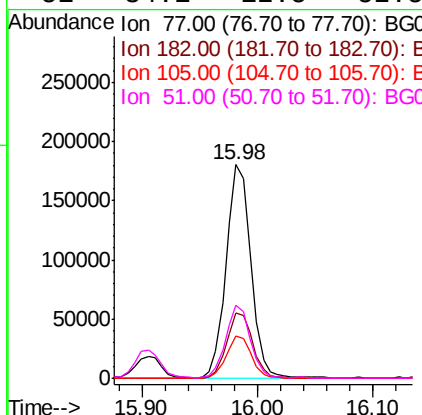
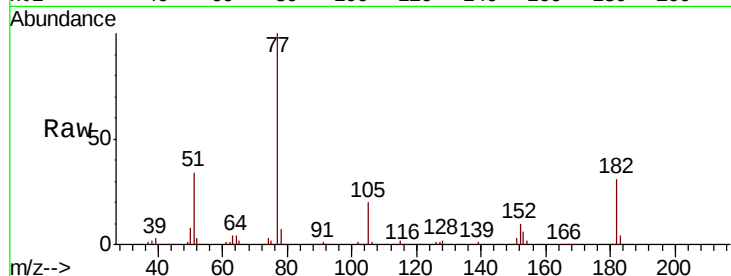
#63
Azobenzene
Concen: 36.329 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		267490		
182	30.7	14.9	54.9		
105	19.6	0.6	40.6		
51	34.1	12.5	52.5		

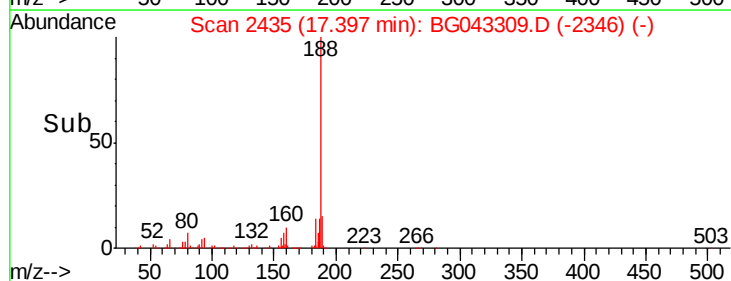
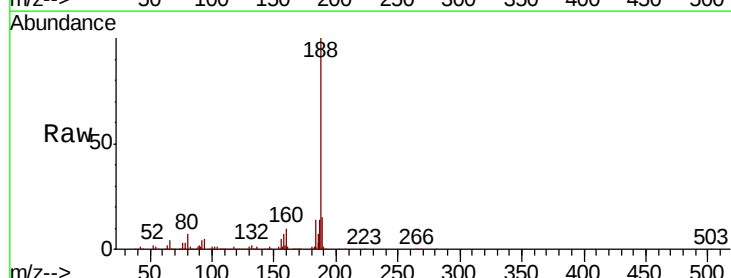
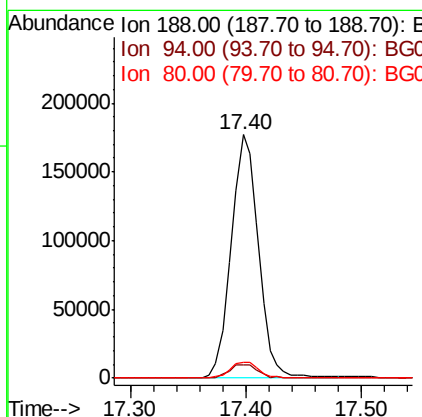
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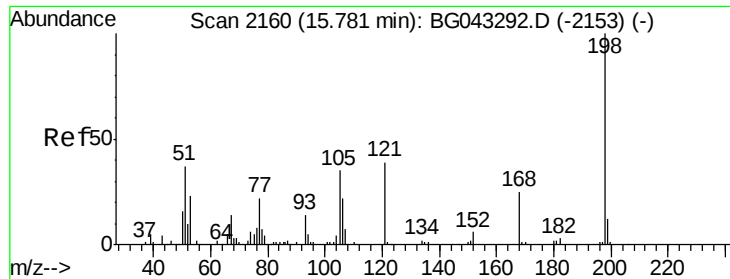
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		290129		
94	5.2	4.2	6.2		
80	6.5	5.2	7.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 37.755 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

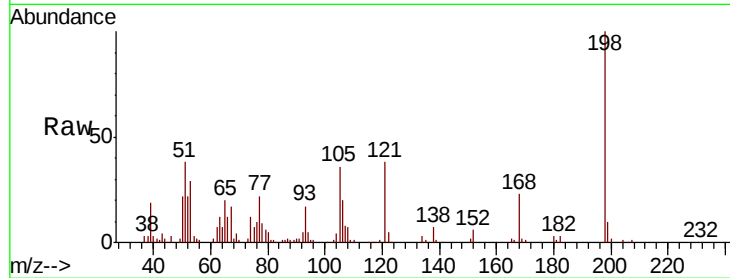
ClientSampleId :

PB124203BS

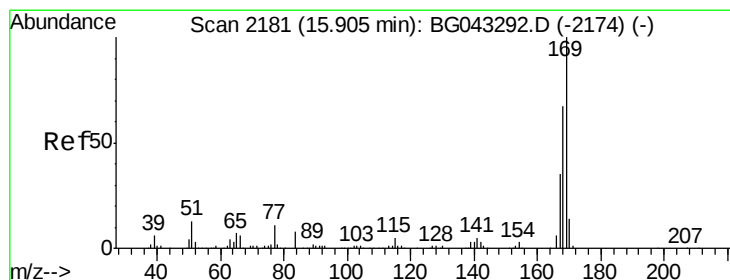
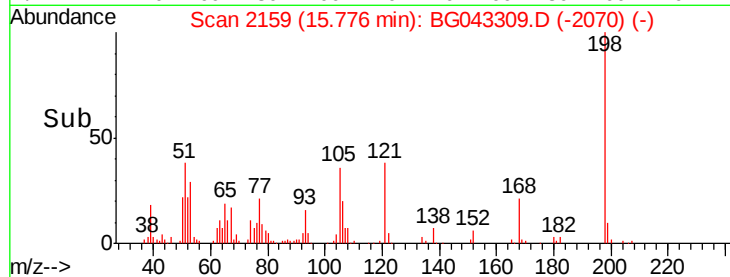
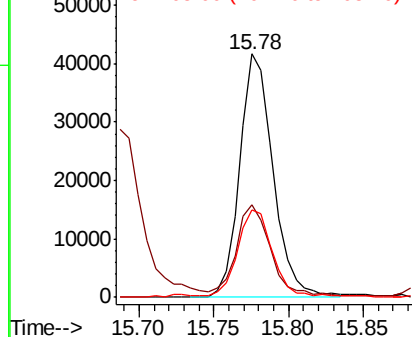
Tot Ion:	198	Resp:	64464
Ion Ratio	Lower	Upper	
198	100		
51	38.1	21.4	61.4
105	36.0	16.5	56.5

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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: 34.541 ng

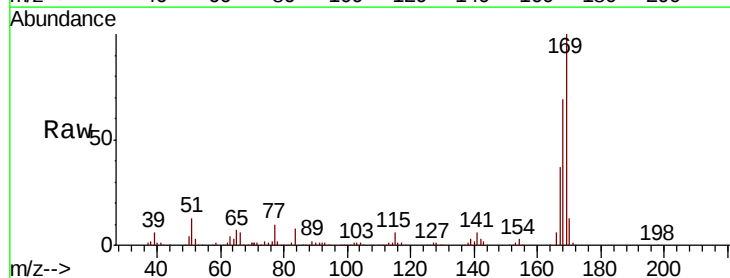
RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

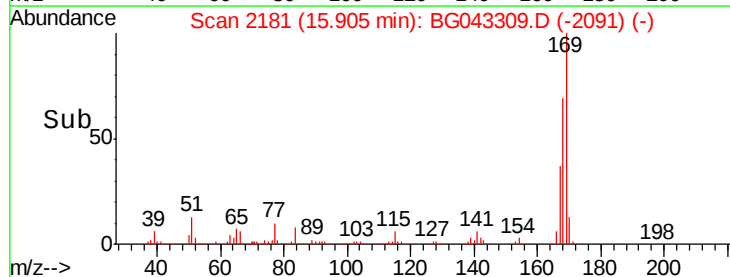
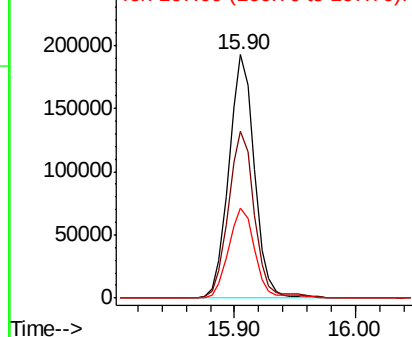
Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	169	Resp:	282931
Ion Ratio	Lower	Upper	
169	100		
168	68.8	53.9	80.9
167	37.1	28.3	42.5



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





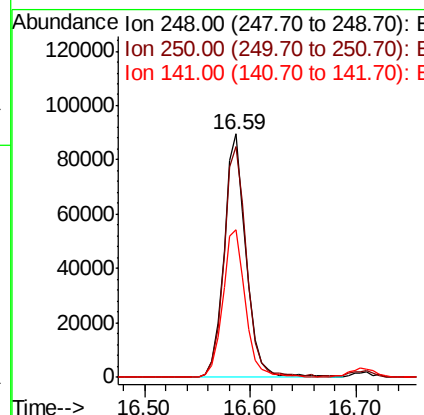
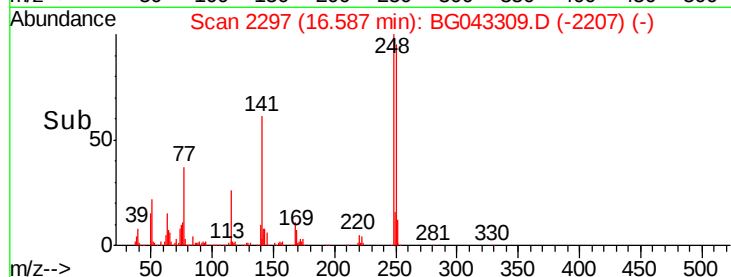
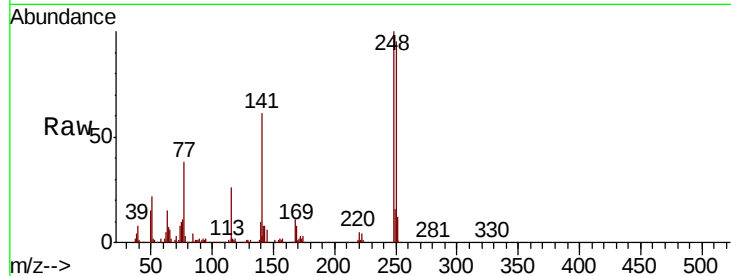
#67
 4-Bromophenyl-phenylether
 Concen: 33.055 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion:	248	Resp:	129062
Ion Ratio	Lower	Upper	
248	100		
250	94.9	79.3	118.9
141	60.6	47.9	71.9

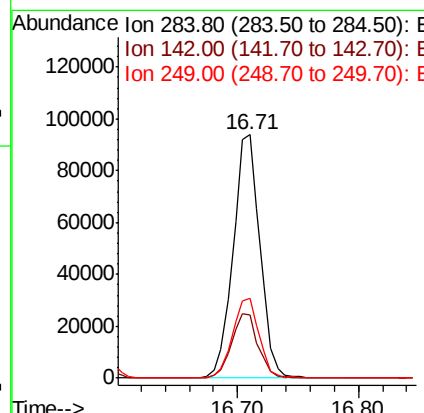
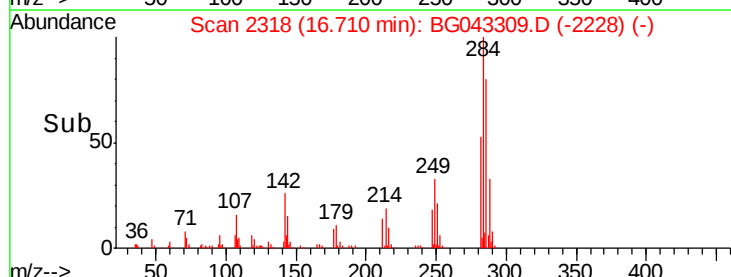
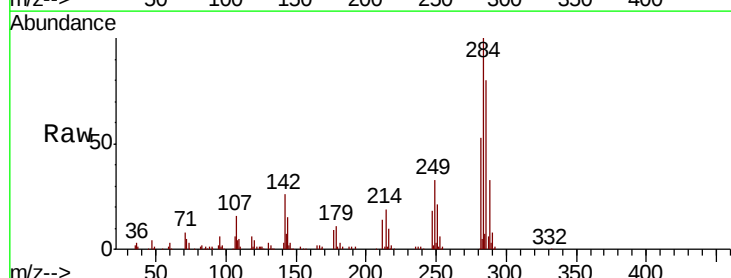
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#68
 Hexachlorobenzene
 Concen: 32.315 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion:	284	Resp:	144833
Ion Ratio	Lower	Upper	
284	100		
142	25.7	21.1	31.7
249	32.5	24.4	36.6





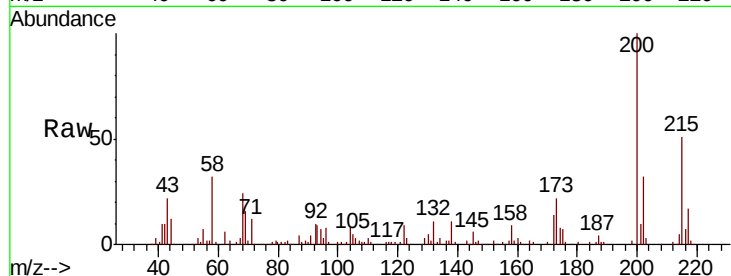
#69
 Atrazine
 Concen: 43.630 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.3	5.1	45.1
215	51.2	26.6	66.6

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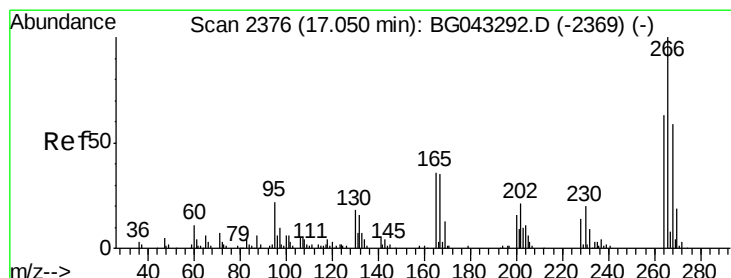
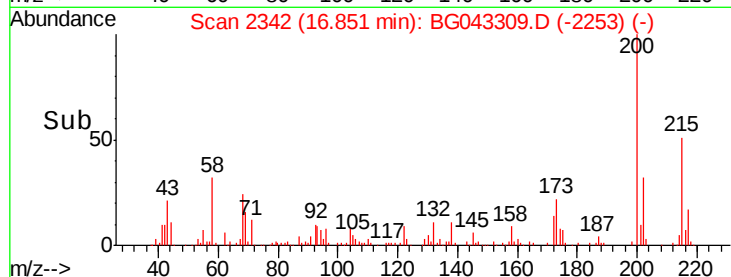
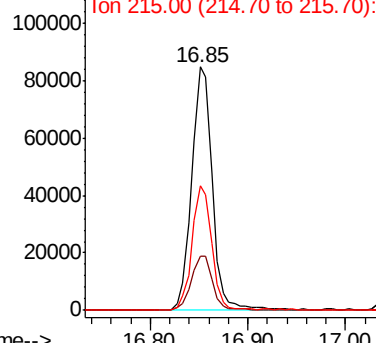


Abundance

Ion 200.00 (199.70 to 200.70): E

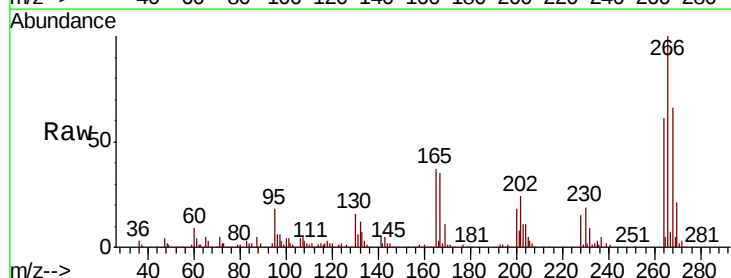
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 85.040 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	47.1	70.7
264	61.1	50.4	75.6

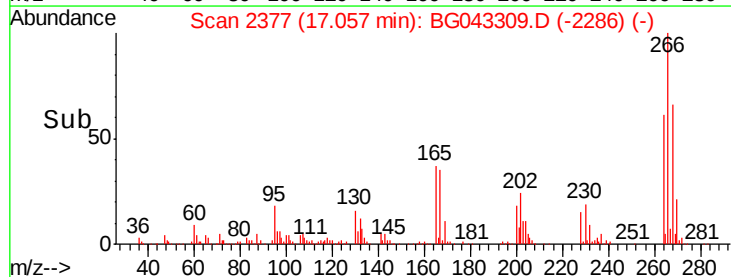
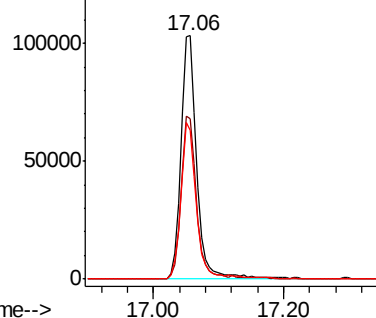


Abundance

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





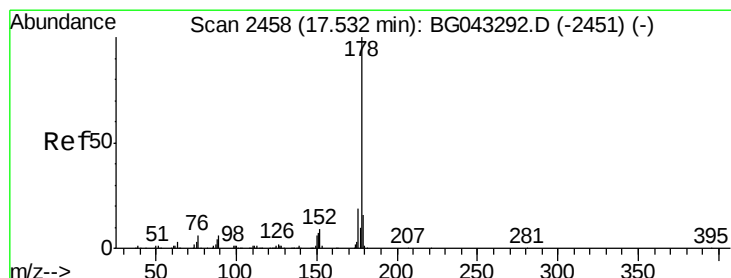
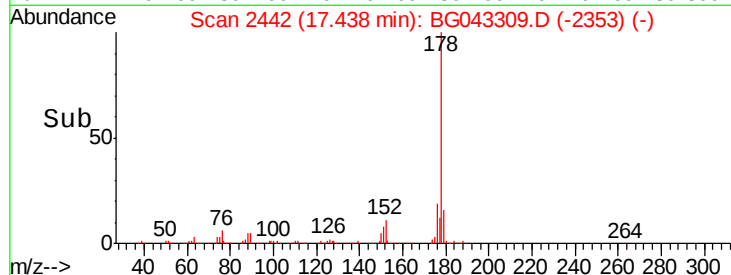
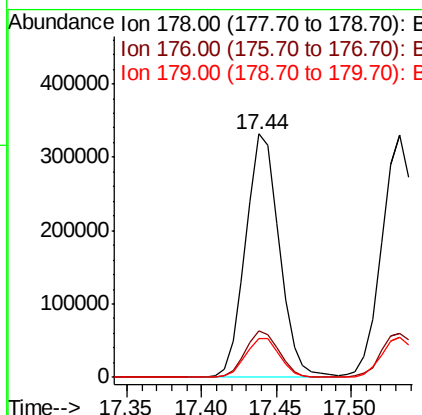
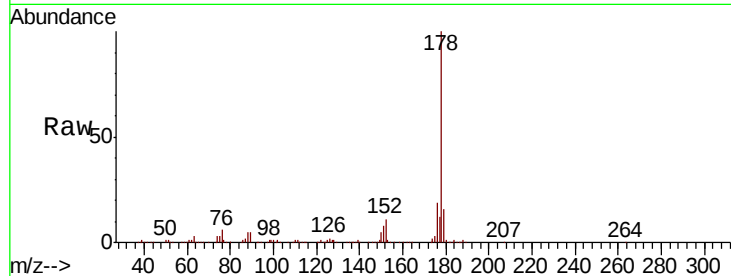
#71
Phenanthrene
Concen: 34.927 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.2	13.1	19.7

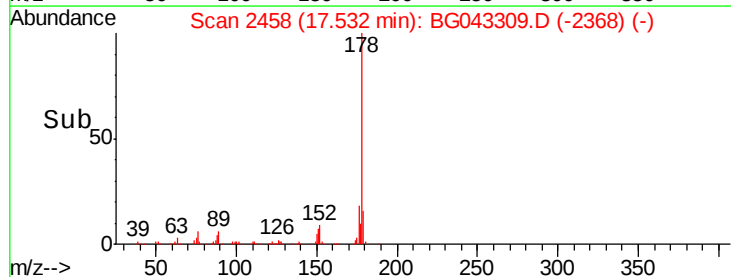
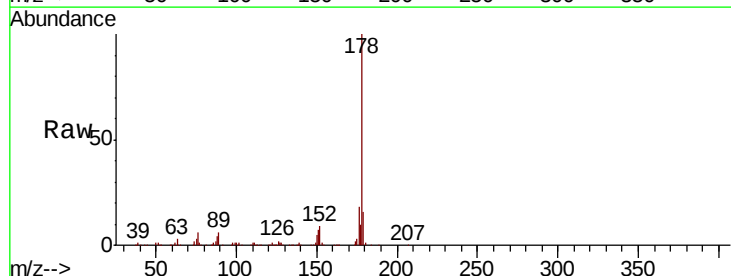
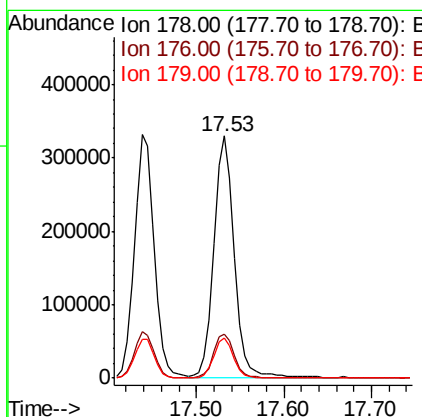
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#72
Anthracene
Concen: 35.715 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	16.4	13.0	19.6





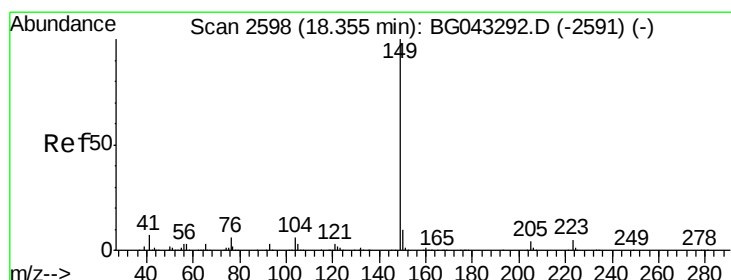
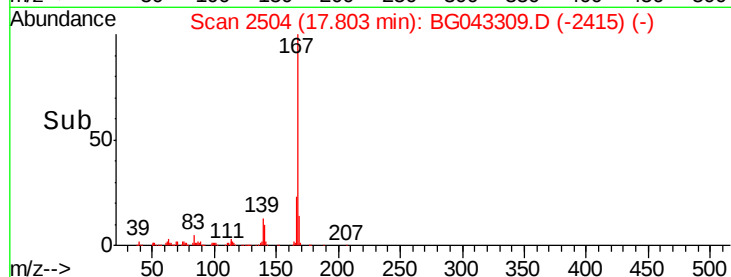
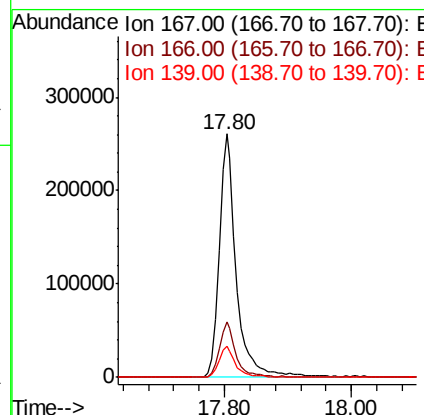
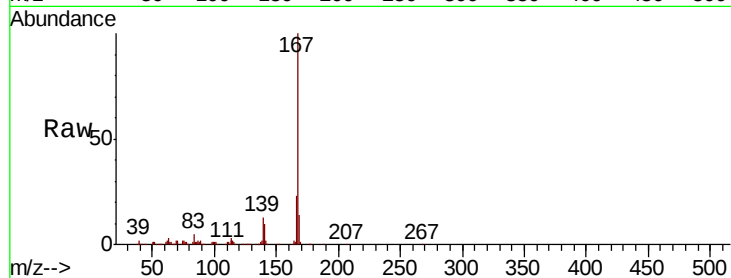
#73
 Carbazole
 Concen: 36.862 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	12.6	10.2	15.4

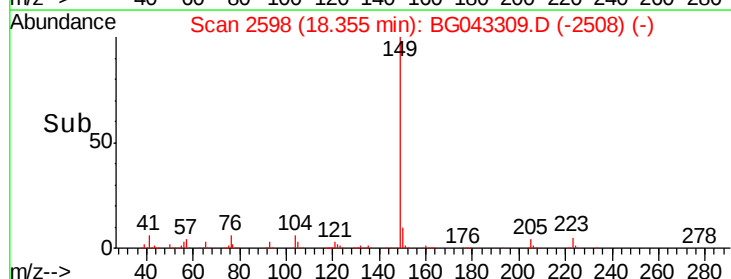
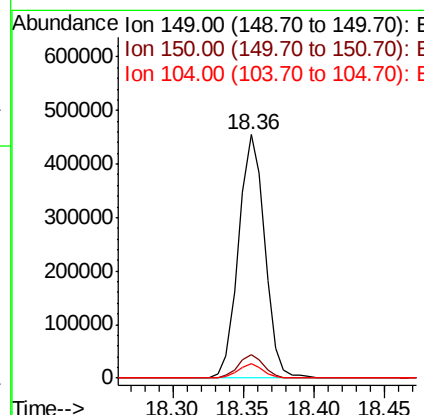
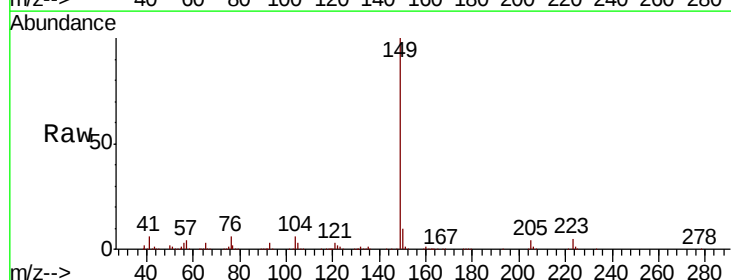
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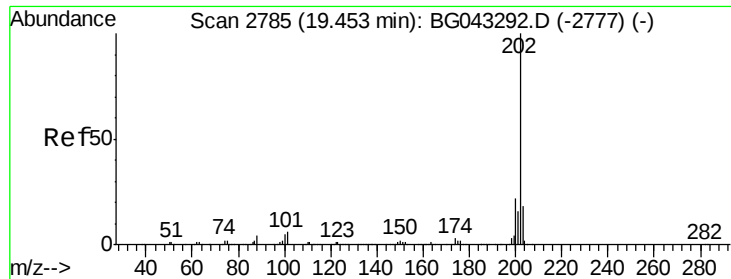
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#74
 Di-n-butylphthalate
 Concen: 36.027 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 37.352 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

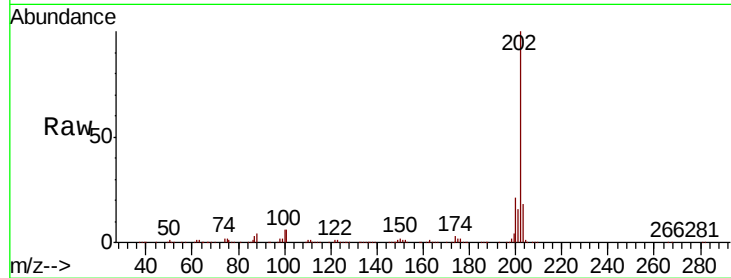
ClientSampleId :

PB124203BS

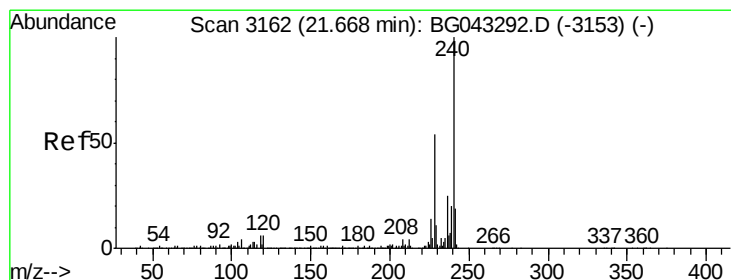
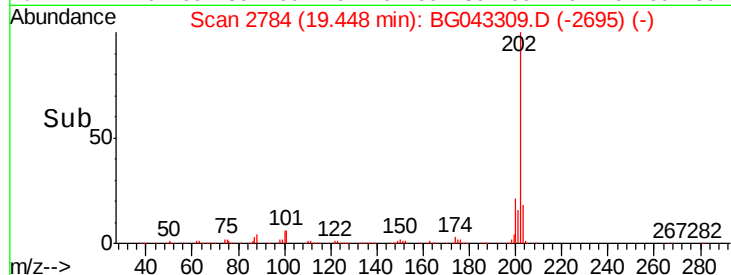
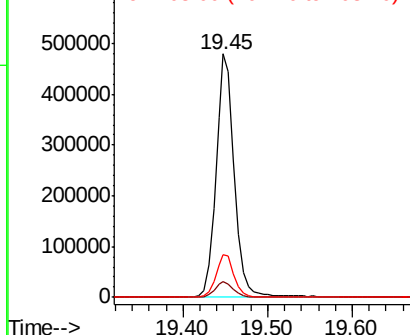
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.0
203	17.6	0.0	38.2

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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

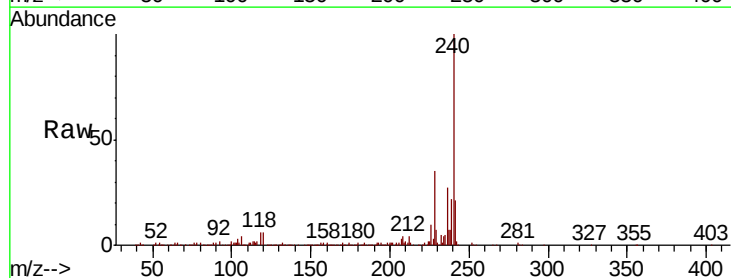
RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

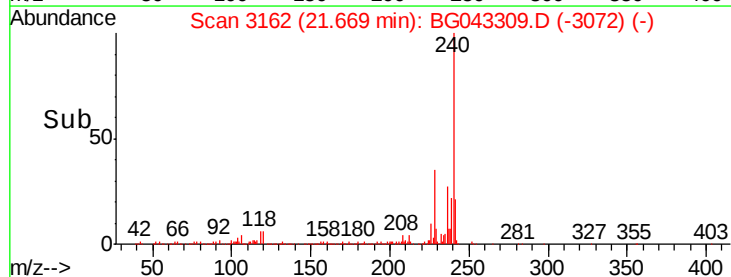
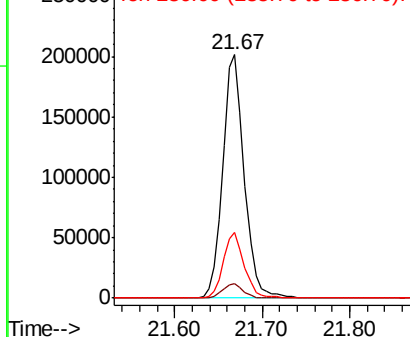
Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.1	4.6	7.0
236	27.2	20.2	30.4



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





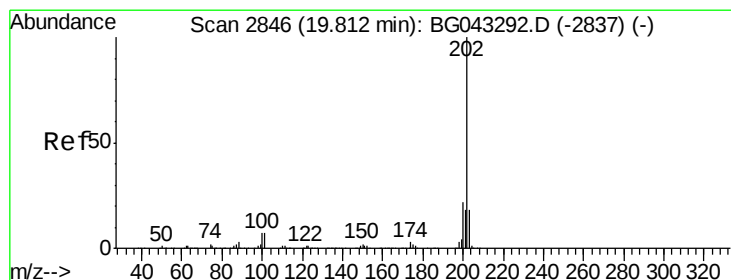
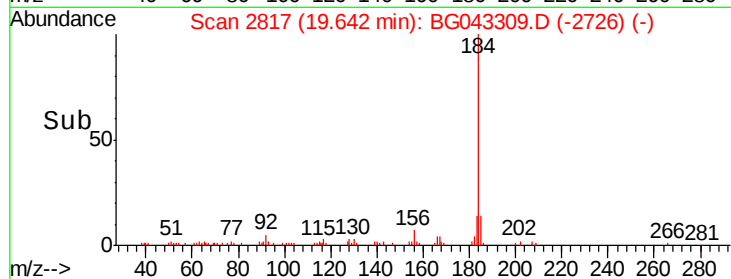
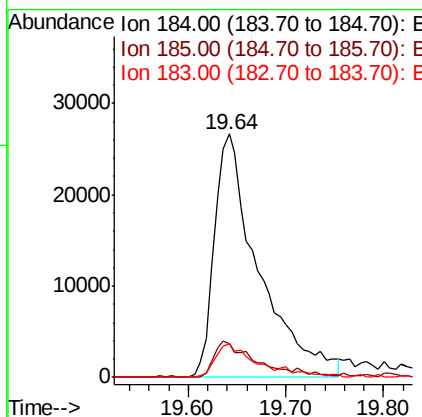
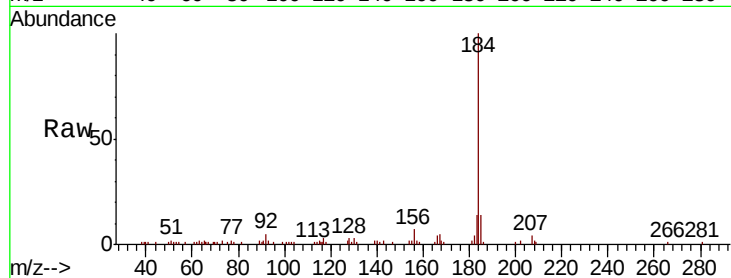
#77
Benzidine
Concen: 12.331 ng
RT: 19.64 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.6
183	13.9	10.6	16.0

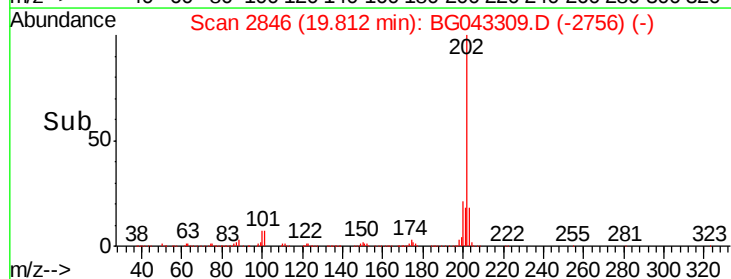
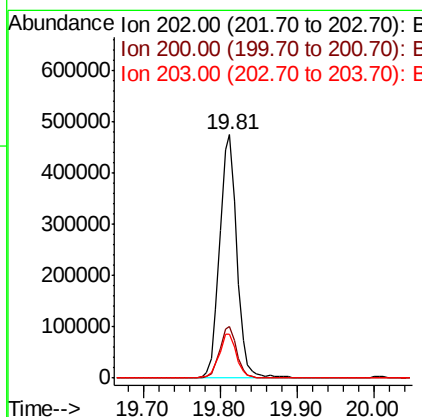
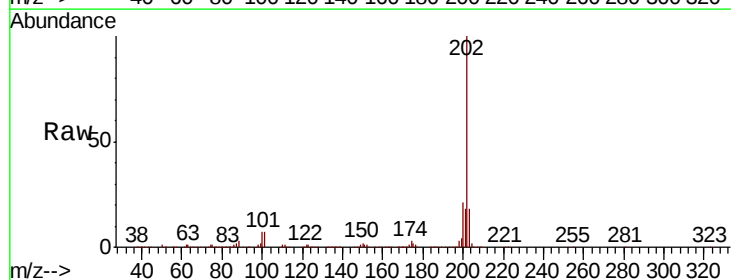
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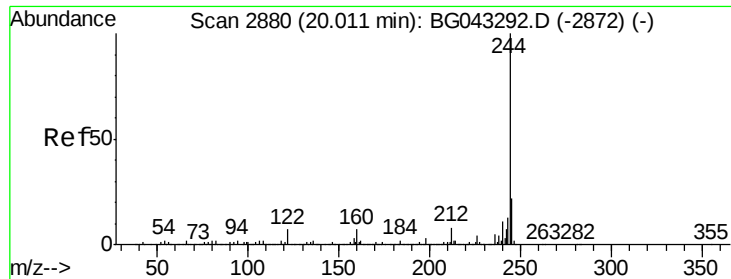
mohammad
10/24/2019 2:11:35 PM



#78
Pyrene
Concen: 34.988 ng
RT: 19.81 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.9	14.5	21.7





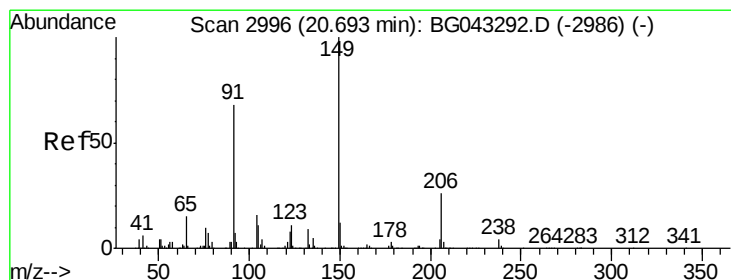
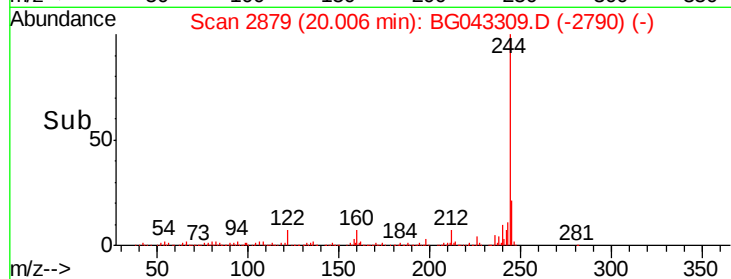
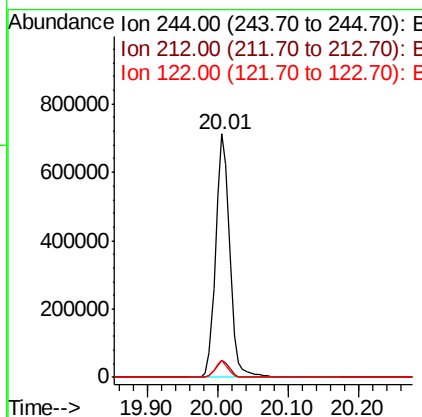
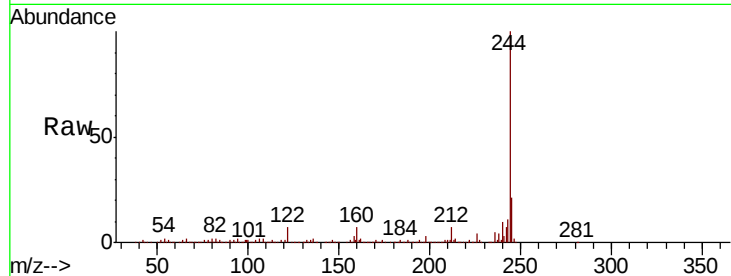
#79
 Terphenyl-d14
 Concen: 54.815 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.4	9.6	
122	6.7	5.3	7.9	

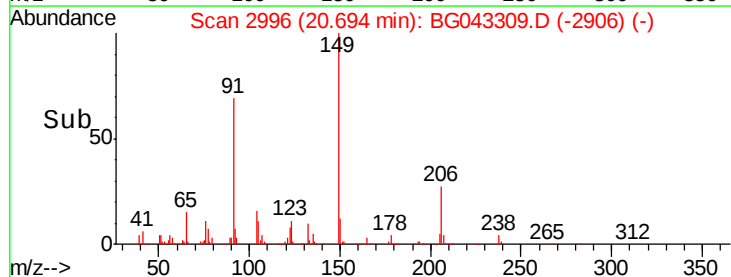
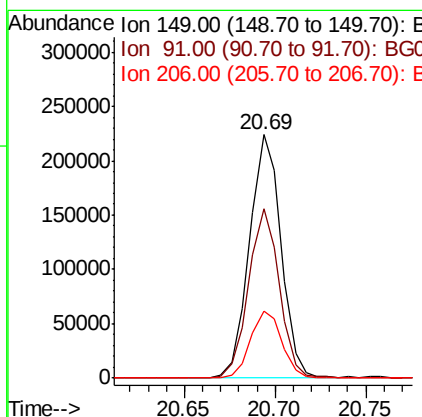
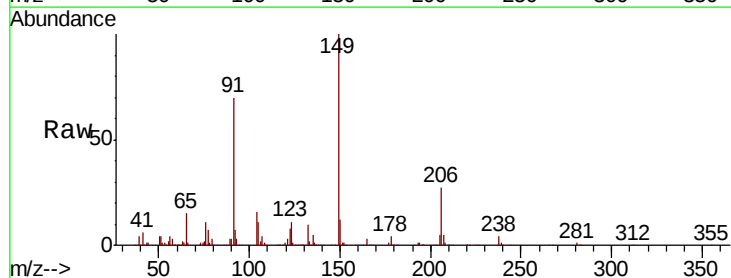
Manual Integrations
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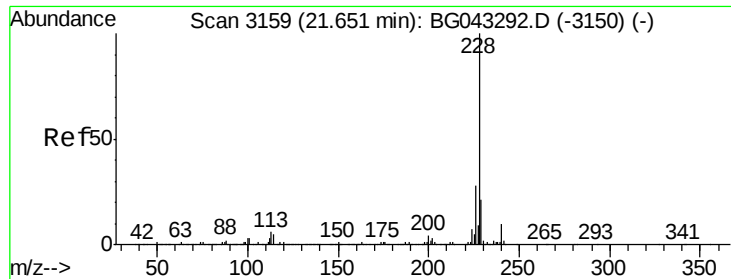
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#80
 Butylbenzylphthalate
 Concen: 34.186 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	69.6	54.6	82.0	
206	27.4	20.5	30.7	





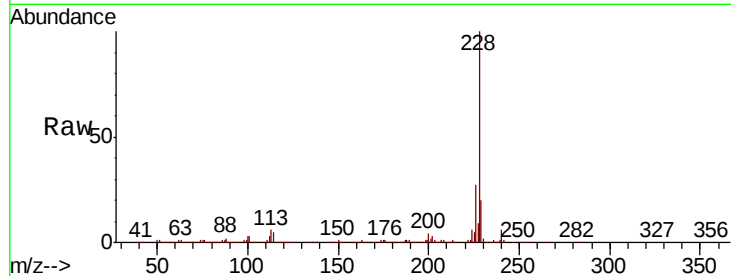
#81
Benzo(a)anthracene
Concen: 35.099 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.2	16.9	25.3

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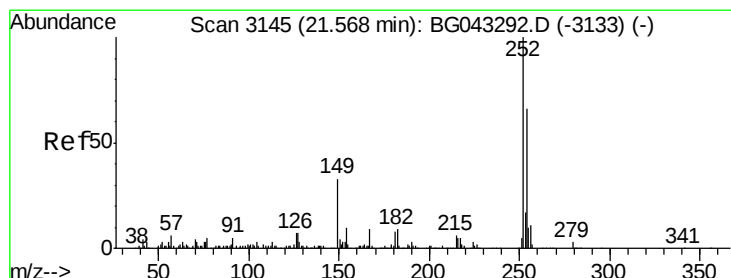
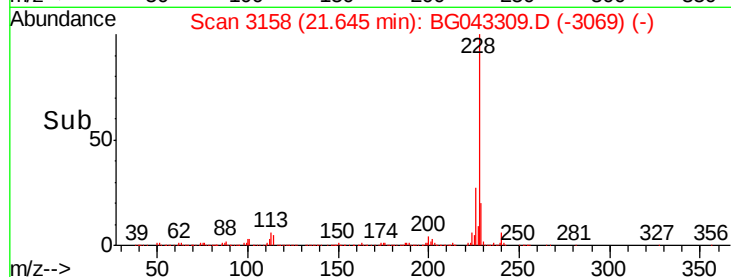
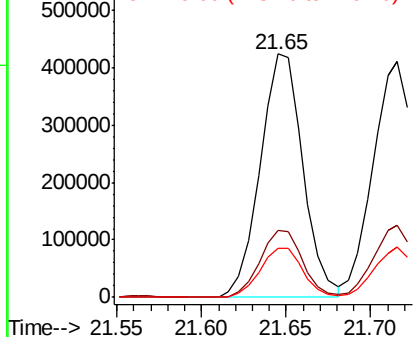


Abundance

Ion 228.00 (227.70 to 228.70): E

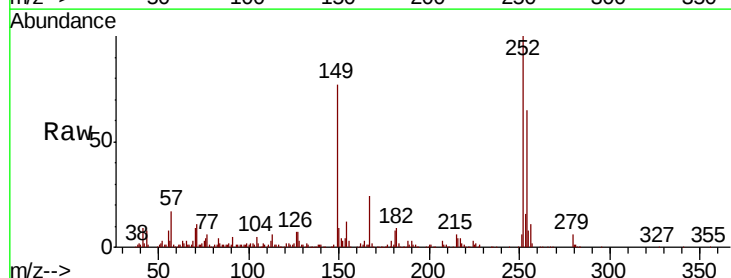
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 29.841 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.7	79.1
126	6.6	5.6	8.4

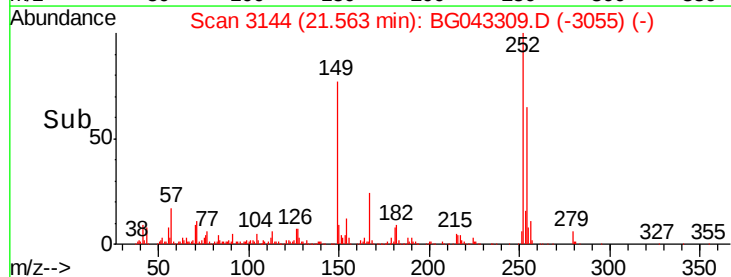
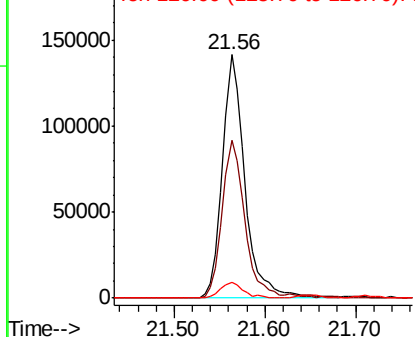


Abundance

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





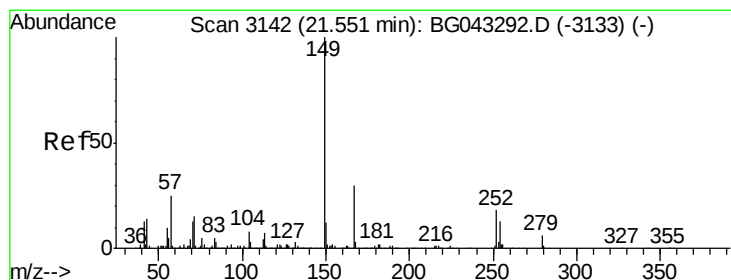
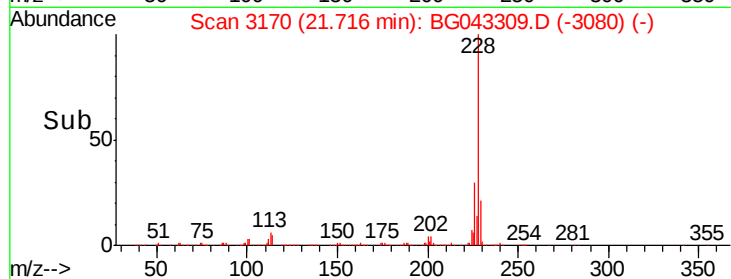
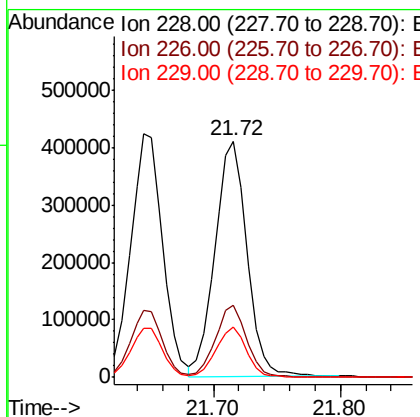
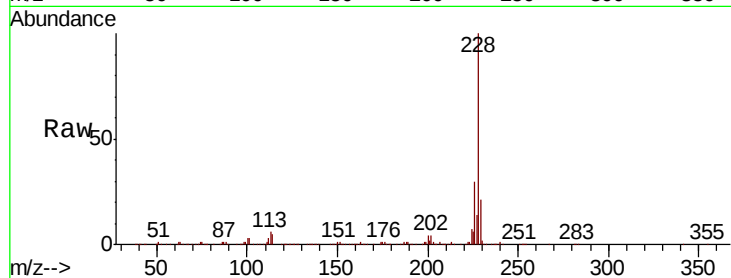
#83
 Chrvsene
 Concen: 34.225 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	21.4	16.3	24.5

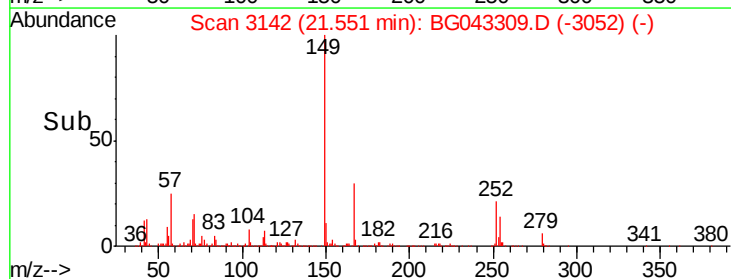
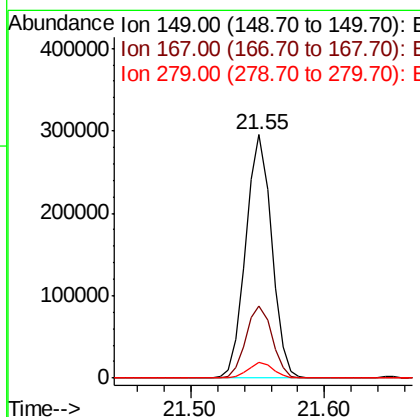
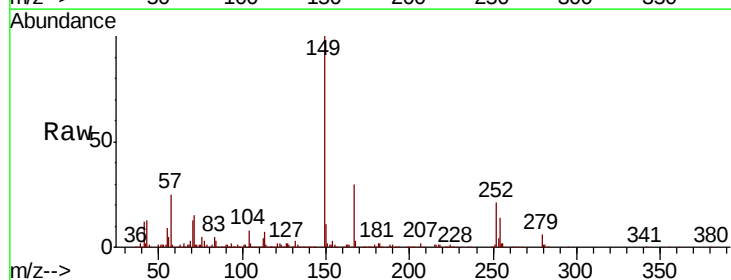
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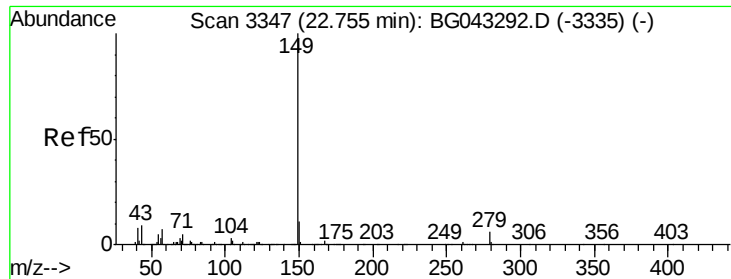
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.851 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.9	35.9
279	6.3	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 34.883 ng

RT: 22.76 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

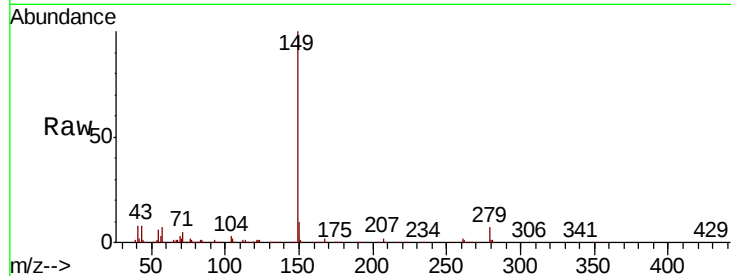
ClientSampleId :

PB124203BS

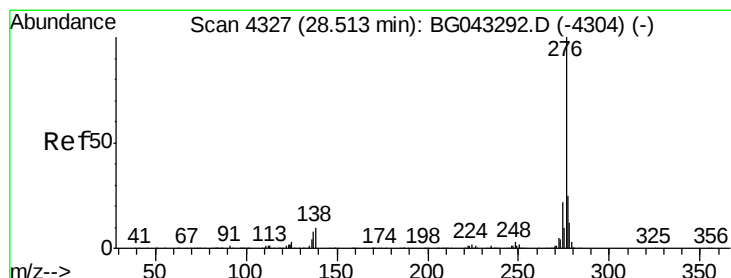
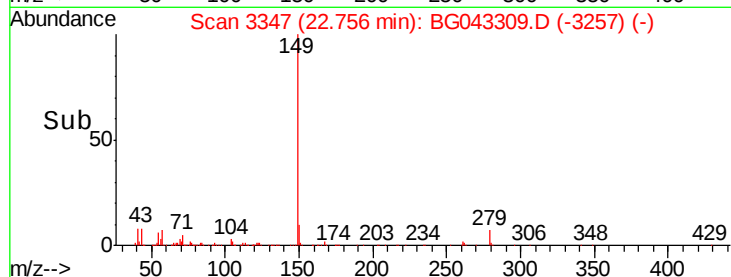
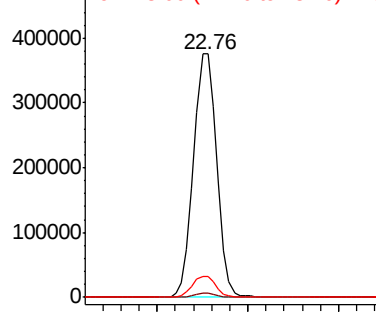
Tot Ion:	149	Resp:	667368
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.9	6.9	10.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.599 ng

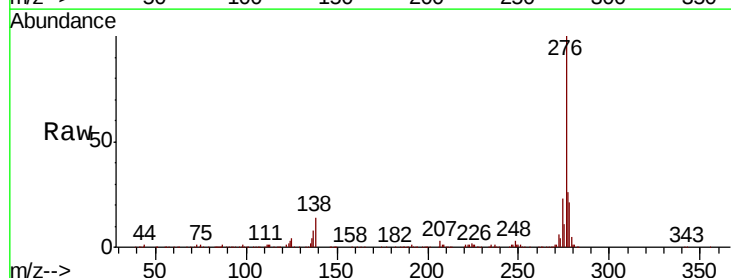
RT: 28.52 min Scan# 4328

Delta R.T. 0.01 min

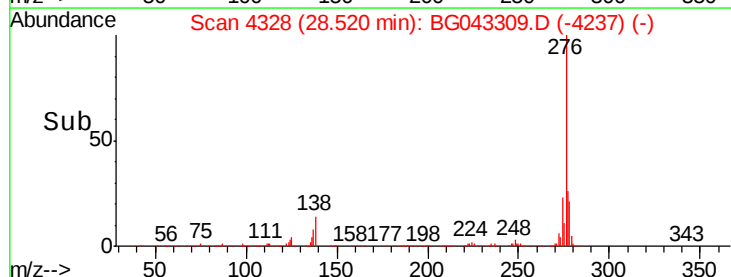
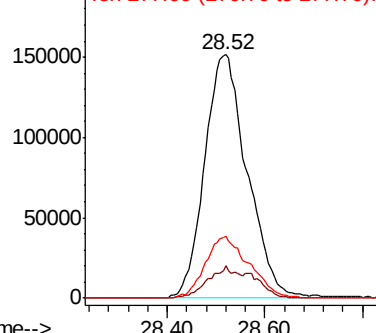
Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	276	Resp:	914999
Ion Ratio	Lower	Upper	
276	100		
138	9.5	7.2	10.8
277	26.1	20.9	31.3



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





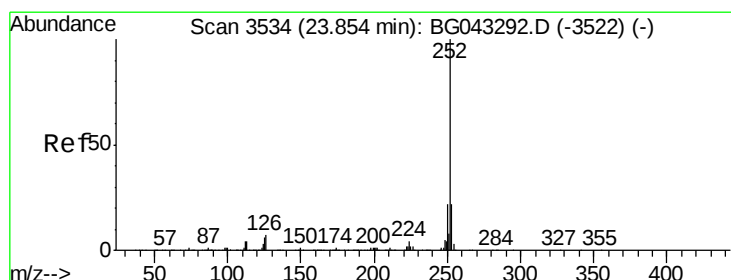
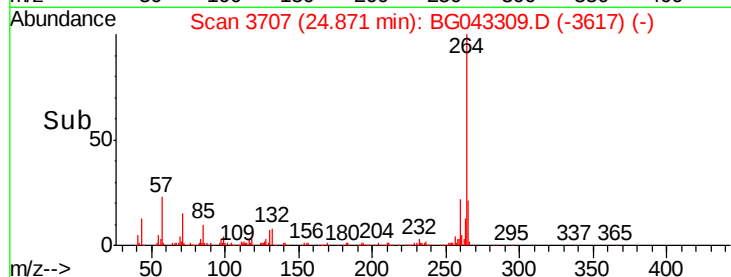
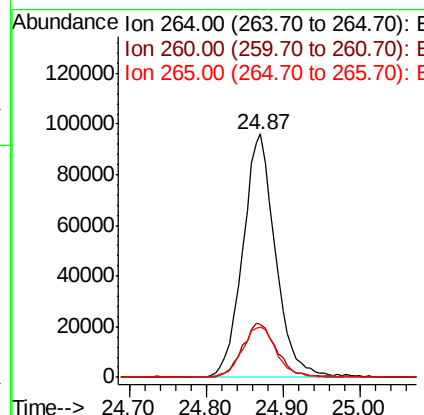
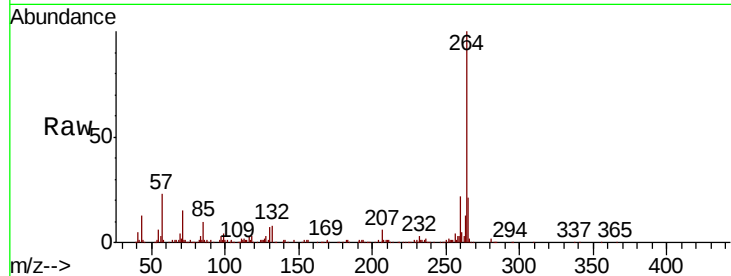
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3707
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	20.8	17.4	26.2

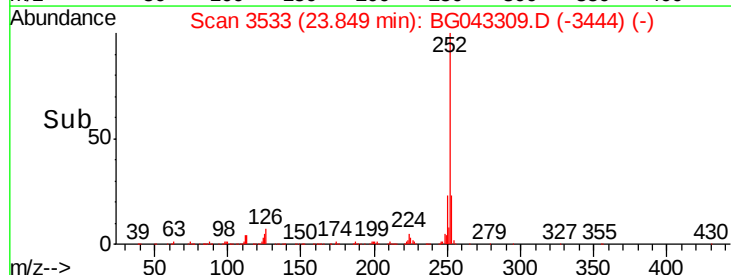
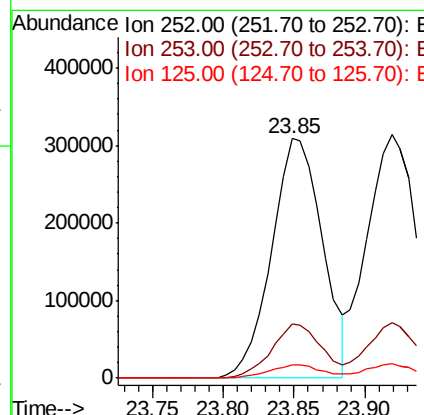
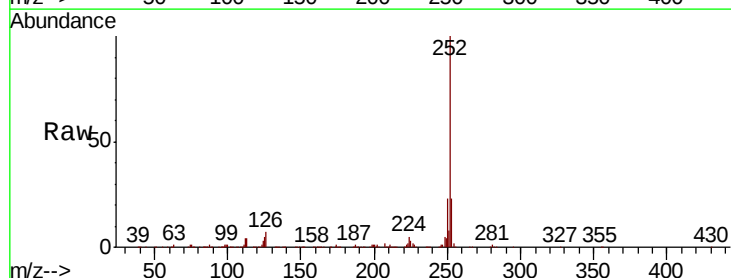
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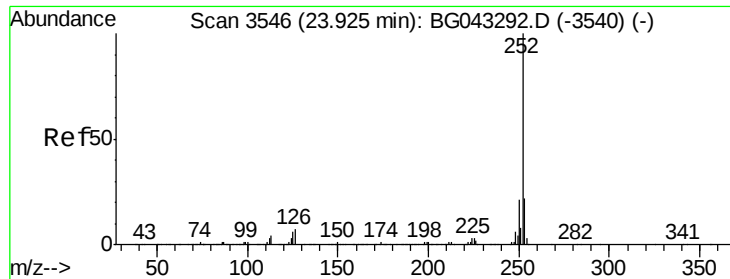
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 48.292 ng
 RT: 23.85 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	5.4	5.0	7.6





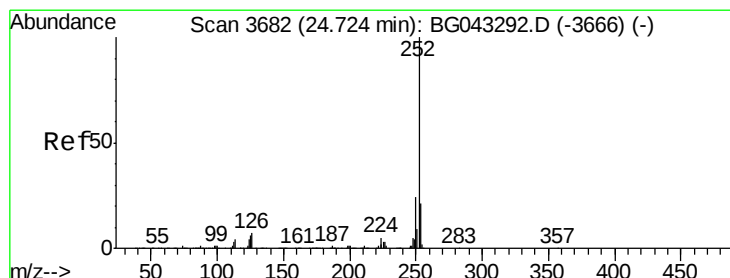
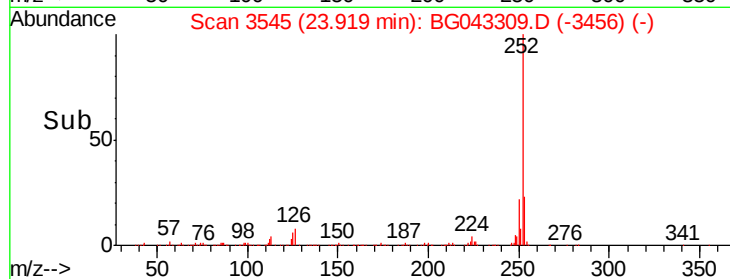
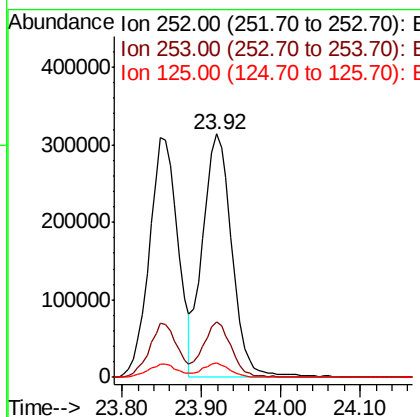
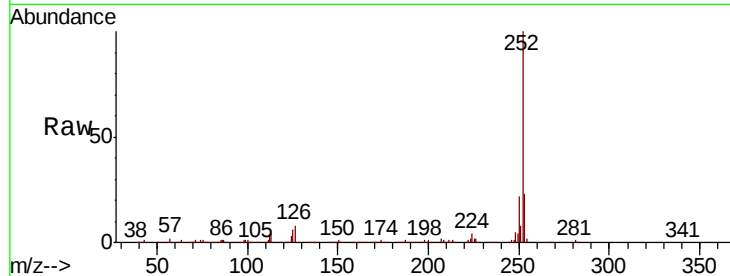
#89
Benzo(k)fluoranthene
Concen: 49.230 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	6.0	4.5	6.7

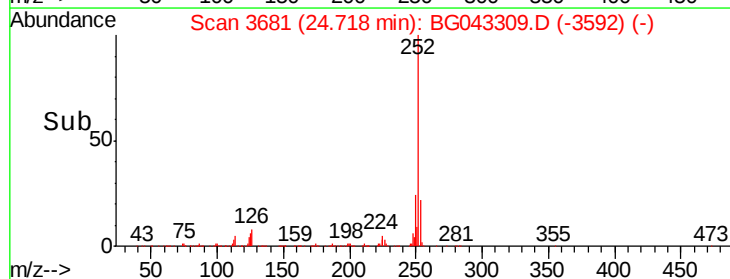
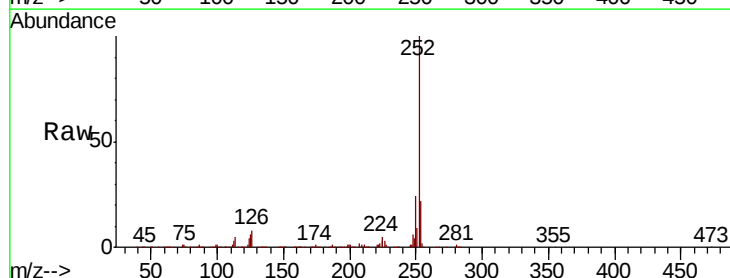
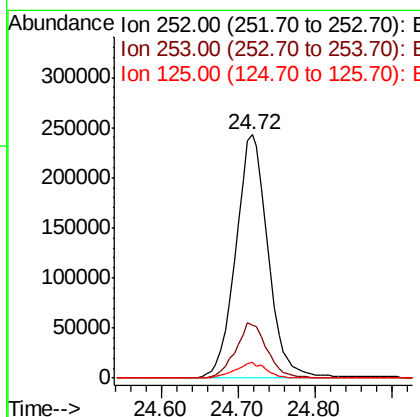
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#90
Benzo(a)pyrene
Concen: 46.177 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.684 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

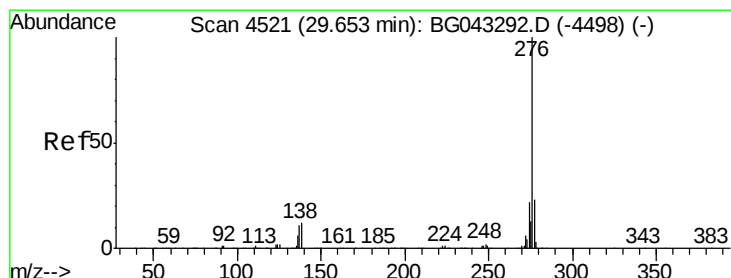
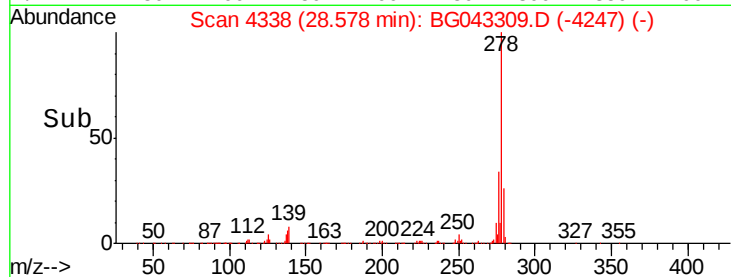
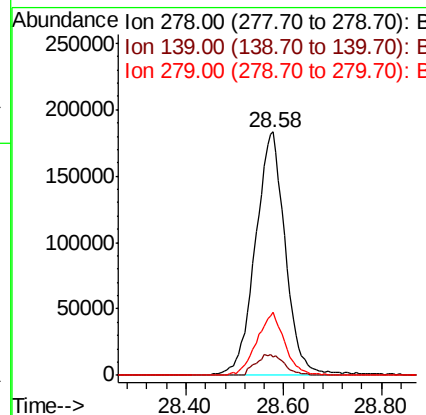
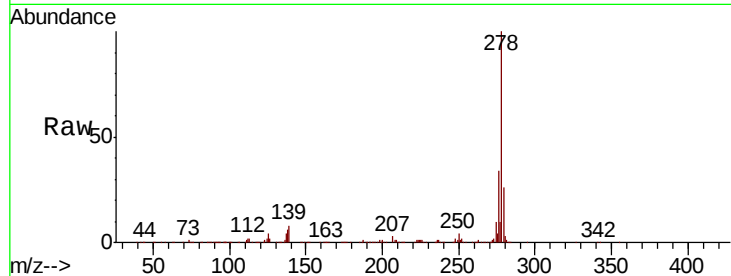
ClientSampleId :

PB124203BS

Tot Ion:	278	Resp:	782838
Ion Ratio	Lower	Upper	
278	100		
139	7.8	6.8	10.2
279	25.8	19.0	28.6

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#92

Benzo(g,h,i)perylene

Concen: 49.943 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:	276	Resp:	776205
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.3	27.5
138	13.2	9.3	13.9

