

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043303.D
 Acq On : 22 Oct 2019 12:27
 Operator : JU
 Sample : PB123887BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Manual Integrations
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mohammad
 10/22/2019 10:29:12 PM

Quant Time: Oct 22 13:08:49 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	8.02	152	33773	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129651	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95915	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	232726	20.00	ng	0.00
76) Chrysene-d12	21.67	240	289124	20.00	ng	0.00
87) Perylene-d12	24.87	264	334475	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	132203	71.73	ng	0.00
7) Phenol-d6	7.20	99	181968	68.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	172681	68.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	122152	66.92	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	484103	69.74	ng	0.00
79) Terphenyl-d14	20.01	244	1006590	65.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	27567	38.382	ng	97
3) Pyridine	3.89	79	61181	33.769	ng	95
4) n-Nitrosodimethylamine	3.80	42	37868	41.421	ng	100
6) Aniline	7.35	93	89356	29.252	ng	94
8) 2-Chlorophenol	7.59	128	86580	42.556	ng	98
9) Benzaldehyde	7.17	77	49777	38.197	ng	94
10) Phenol	7.23	94	102716	42.390	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	74140	39.575	ng	96
12) 1,3-Dichlorobenzene	7.92	146	95634	37.517	ng	95
13) 1,4-Dichlorobenzene	8.06	146	97696	37.881	ng	96
14) 1,2-Dichlorobenzene	8.38	146	95528	37.936	ng	96
15) Benzyl Alcohol	8.26	79	73324	39.373	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100172	36.773	ng	97
17) 2-Methylphenol	8.48	107	72474	41.028	ng	96
18) Hexachloroethane	9.11	117	34998	37.612	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	63502	37.060	ng	98
20) 3+4-Methylphenols	8.80	107	93830	38.737	ng	92
22) Acetophenone	8.85	105	122523	36.902	ng	# 98
24) Nitrobenzene	9.23	77	97139	40.548	ng	96
25) Isophorone	9.75	82	175588	38.190	ng	95
26) 2-Nitrophenol	9.94	139	48713	42.118	ng	99
27) 2,4-Dimethylphenol	10.01	122	80428	48.518	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	98954	38.995	ng	100
29) 2,4-Dichlorophenol	10.48	162	90474	42.597	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	100403	37.506	ng	100
31) Naphthalene	10.88	128	265952	40.412	ng	98
32) Benzoic acid	10.16	122	34041	30.873	ng	84
33) 4-Chloroaniline	11.00	127	50115	18.577	ng	98
34) Hexachlorobutadiene	11.17	225	74163	37.477	ng	97
35) Caprolactam	11.77	113	28478m	38.931	ng	
36) 4-Chloro-3-methylphenol	12.12	107	97499	42.083	ng	96
37) 2-Methylnaphthalene	12.48	142	199181	39.446	ng	96
38) 1-Methylnaphthalene	12.70	142	193642	40.305	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131430	37.026	ng	# 99

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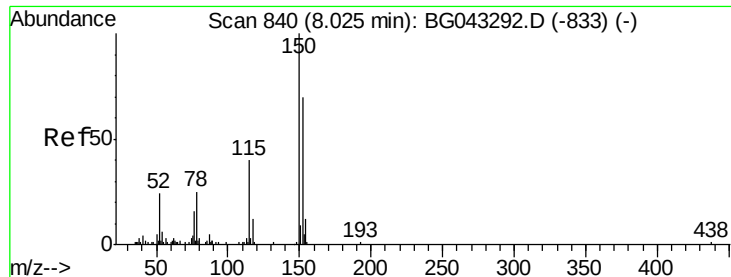
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	179556	96.294	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	86499	41.378	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	91452	43.273	nq	95
46) 1,1'-Biphenyl	13.49	154	275799	37.798	nq	99
47) 2-Chloronaphthalene	13.53	162	214202	38.582	nq	97
48) 2-Nitroaniline	13.74	65	63015	37.976	nq	99
49) Acenaphthylene	14.37	152	358569	41.498	nq	97
50) Dimethylphthalate	14.10	163	290648	39.122	nq	100
51) 2,6-Dinitrotoluene	14.22	165	66375	41.125	nq	93
52) Acenaphthene	14.72	154	206695	39.226	nq	96
53) 3-Nitroaniline	14.56	138	39793	25.536	nq	99
54) 2,4-Dinitrophenol	14.77	184	75887	75.723	nq	93
55) Dibenzofuran	15.05	168	339791	39.764	nq	99
56) 4-Nitrophenol	14.88	139	99271	95.064	nq	93
57) 2,4-Dinitrotoluene	15.01	165	94316	40.890	nq	97
58) Fluorene	15.70	166	288892	40.309	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	96698	43.065	nq	# 98
60) Diethylphthalate	15.47	149	291027	38.986	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	164172	39.266	nq	99
62) 4-Nitroaniline	15.73	138	63632	39.540	nq	94
63) Azobenzene	15.98	77	245760	40.679	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	58544	42.745	nq	96
66) n-Nitrosodiphenylamine	15.91	169	257571	39.201	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	116606	37.231	nq	99
68) Hexachlorobenzene	16.71	284	129042	35.894	nq	98
69) Atrazine	16.85	200	104964	45.975	nq	96
70) Pentachlorophenol	17.05	266	150845	92.082	nq	93
71) Phenanthrene	17.44	178	478229	40.129	nq	99
72) Anthracene	17.54	178	484126	40.603	nq	99
73) Carbazole	17.81	167	454026	42.049	nq	99
74) Di-n-butylphthalate	18.36	149	542347	41.396	nq	99
75) Fluoranthene	19.45	202	674286	43.400	nq	99
77) Benzidine	19.63	184	290381	49.905	nq	98
78) Pyrene	19.81	202	689664	38.536	nq	99
80) Butylbenzylphthalate	20.70	149	259619	38.290	nq	98
81) Benzo(a)anthracene	21.65	228	718635	39.681	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	186453	26.618	nq	97
83) Chrysene	21.71	228	724306	40.252	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	385027	39.976	nq	98
85) Di-n-octyl phthalate	22.75	149	653519	39.994	nq	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	923730	40.896	nq	99
88) Benzo(b)fluoranthene	23.85	252	780361	41.194	nq	98
89) Benzo(k)fluoranthene	23.92	252	778107	40.801	nq	100
90) Benzo(a)pyrene	24.72	252	767901	42.449	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	763895	41.285	nq	98
92) Benzo(g,h,i)perylene	29.66	276	767369	42.044	nq	98

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



#1

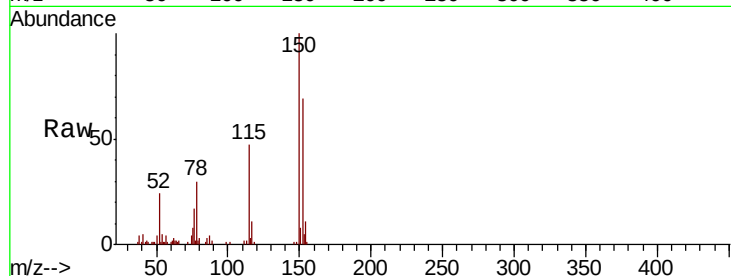
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	113.6	170.4
115	67.7	45.9	68.9

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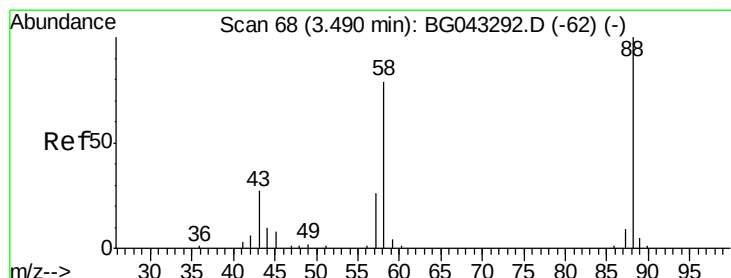
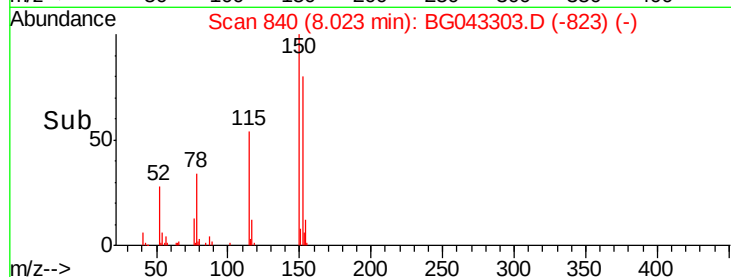
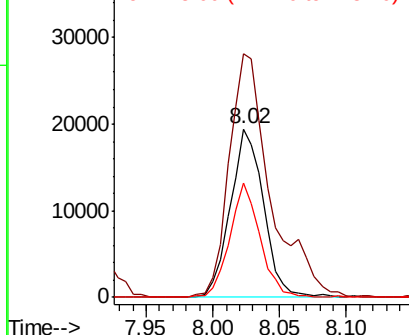


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

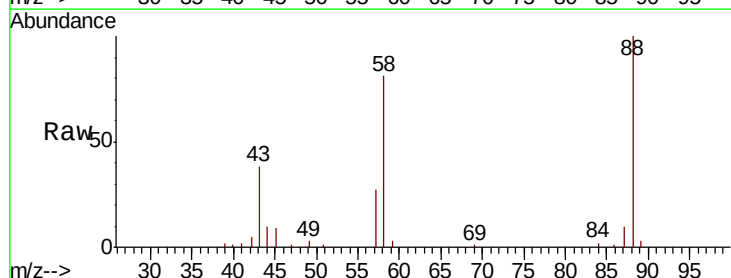
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.382 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	60.2	90.2
43	32.6	22.7	34.1

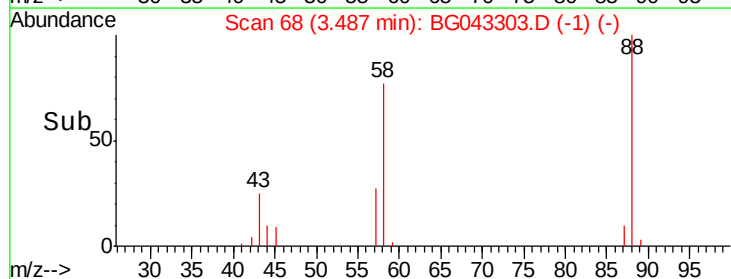
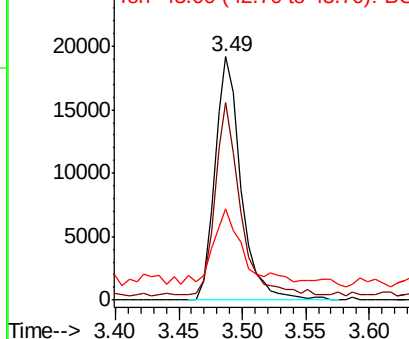


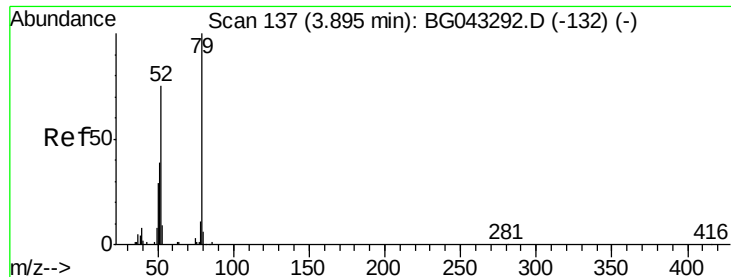
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.769 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

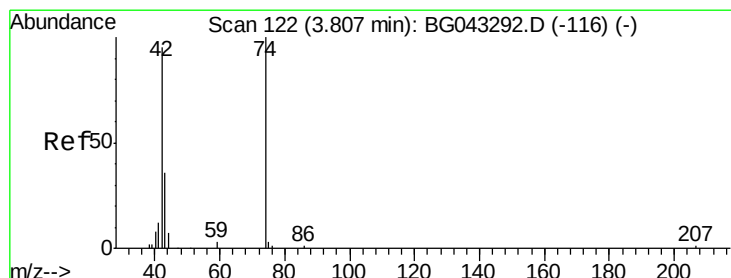
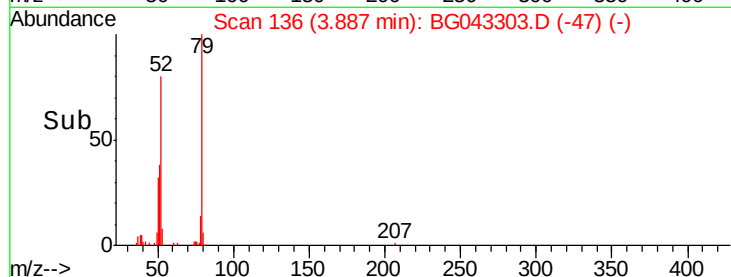
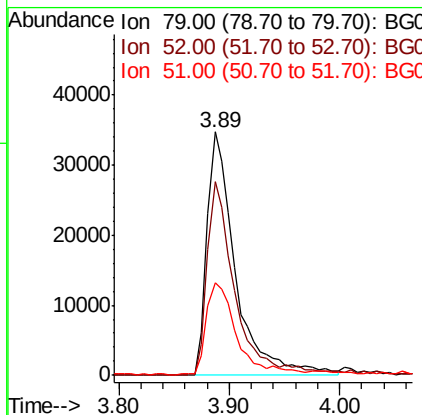
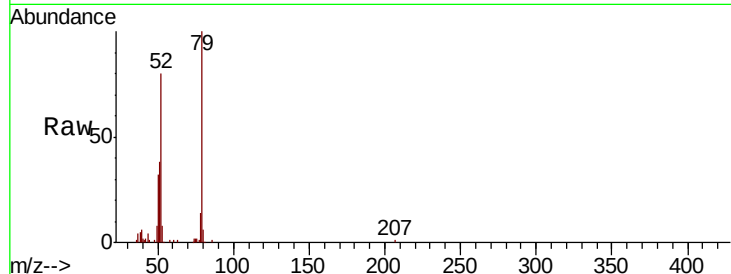
ClientSampleId :

PB123887BS

Tot Ion:	79	Resp:	61181
Ion	Ratio	Lower	Upper
79	100		
52	79.6	59.7	89.5
51	38.2	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 41.421 ng

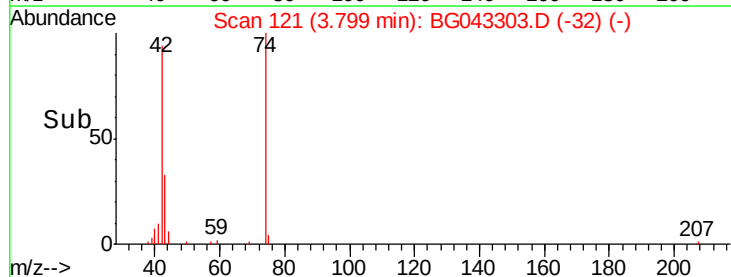
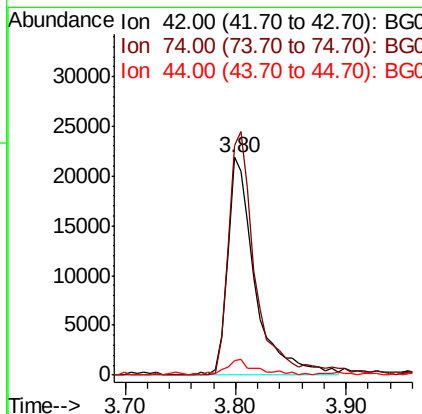
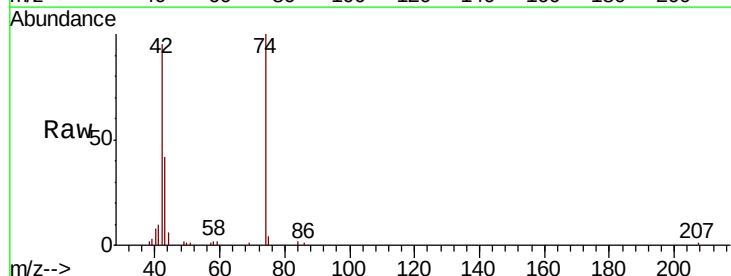
RT: 3.80 min Scan# 121

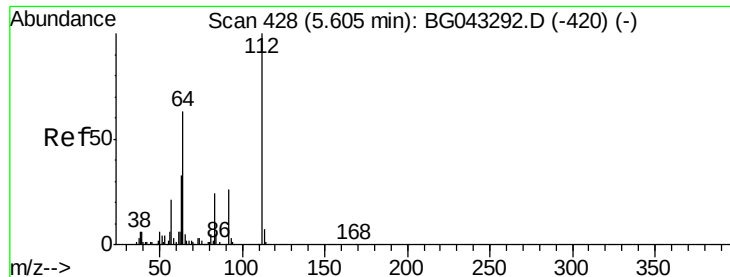
Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	42	Resp:	37868
Ion	Ratio	Lower	Upper
42	100		
74	105.4	84.2	126.2
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 71.730 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

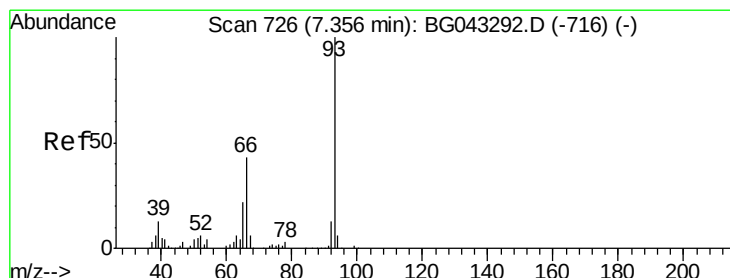
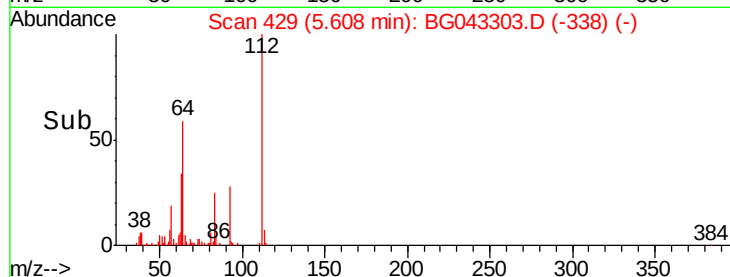
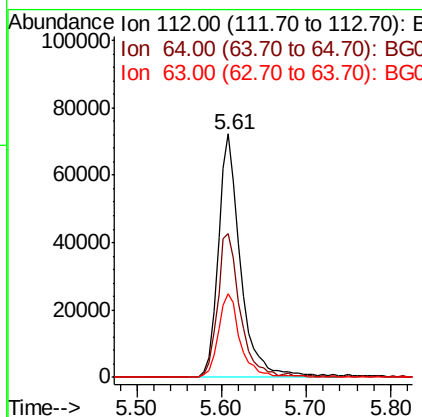
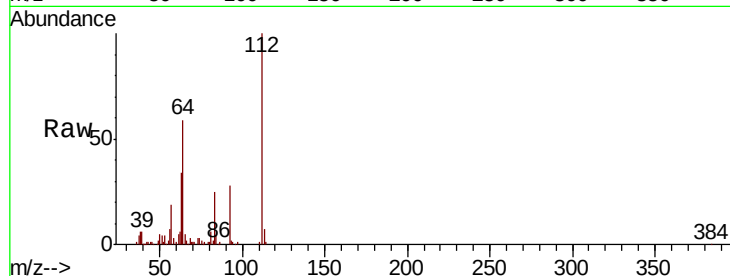
ClientSampleID :

PB123887BS

Tot Ion:	112	Resp:	132203
Ion Ratio	Lower	Upper	
112	100		
64	59.2	50.2	75.2
63	34.4	26.7	40.1

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#6

Aniline

Concen: 29.252 ng

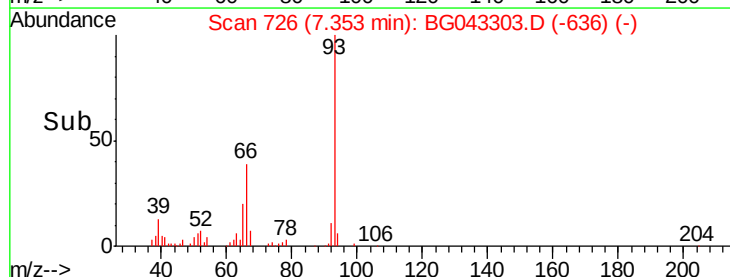
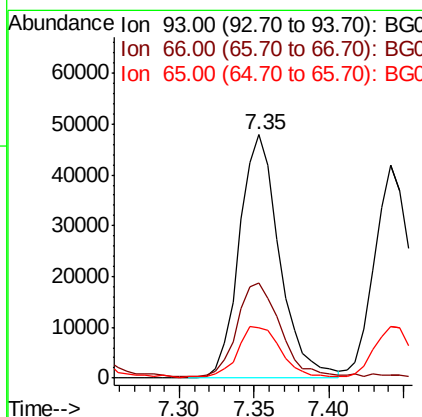
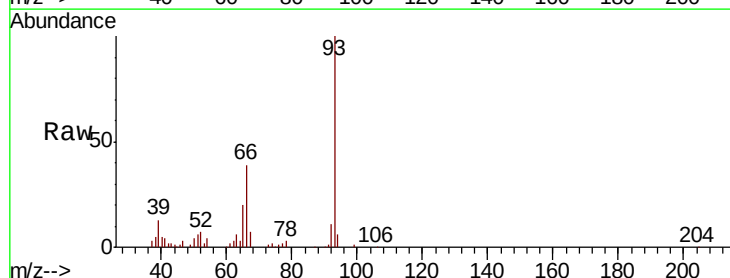
RT: 7.35 min Scan# 726

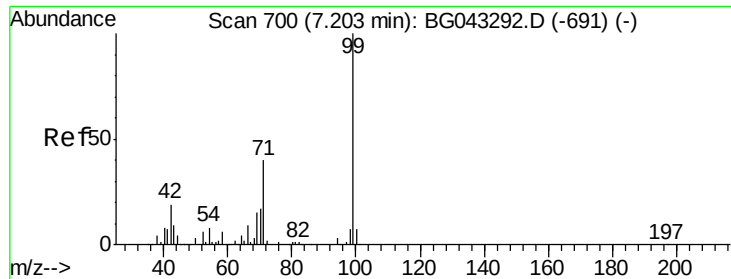
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	93	Resp:	89356
Ion Ratio	Lower	Upper	
93	100		
66	38.9	34.5	51.7
65	20.5	18.0	27.0





#7

Phenol-d6

Concen: 68.623 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

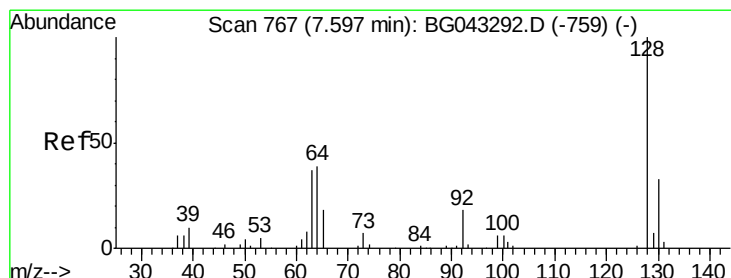
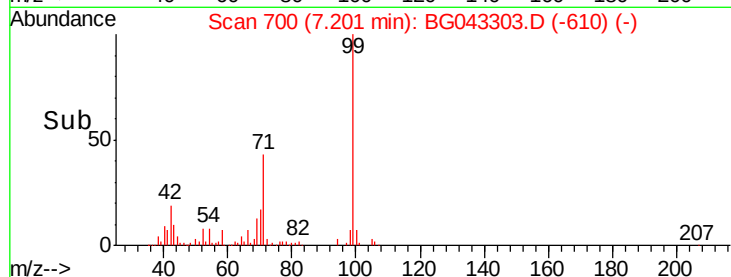
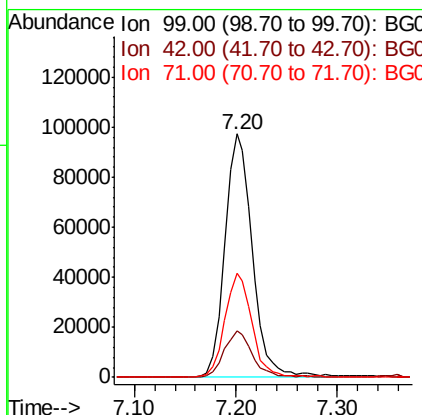
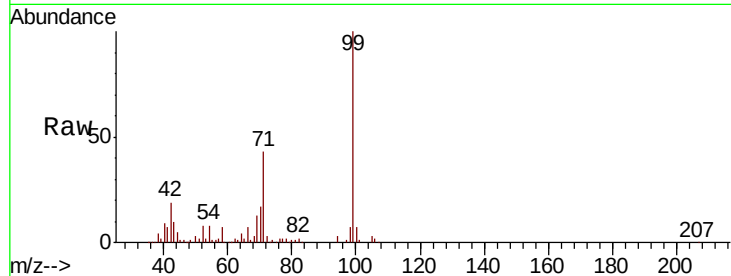
ClientSampleId :

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Tot Ion:	99	Resp:	181968
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.9	22.3
71	42.8	32.2	48.2

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#8

2-Chlorophenol

Concen: 42.556 ng

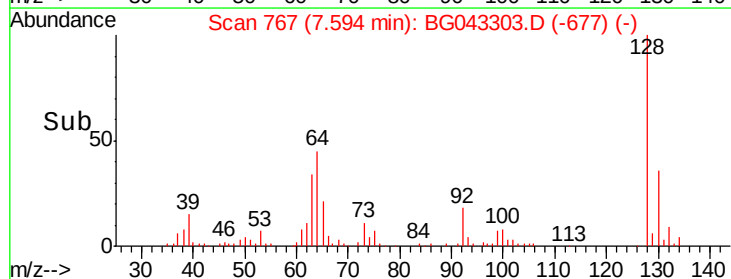
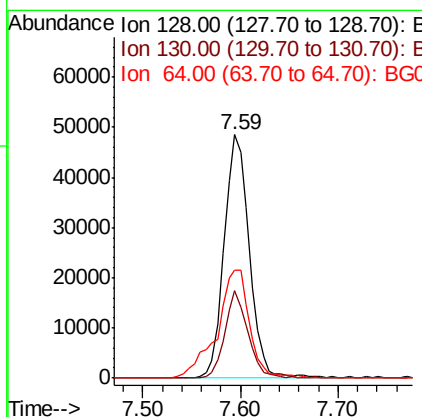
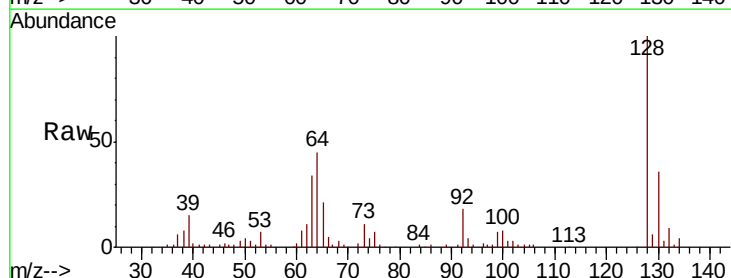
RT: 7.59 min Scan# 767

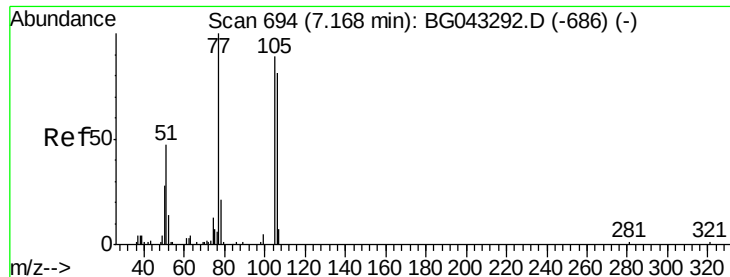
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	128	Resp:	86580
Ion Ratio	Lower	Upper	
128	100		
130	35.7	12.9	52.9
64	44.5	24.9	64.9





#9

Benzaldehyde

Concen: 38.197 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

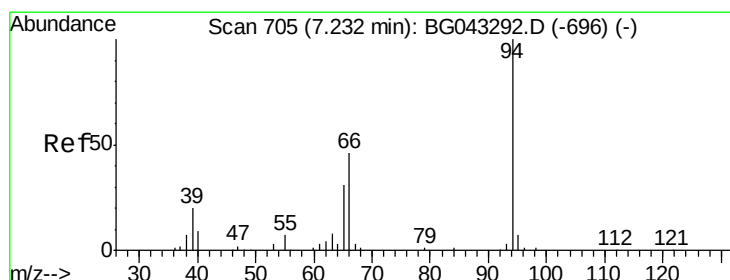
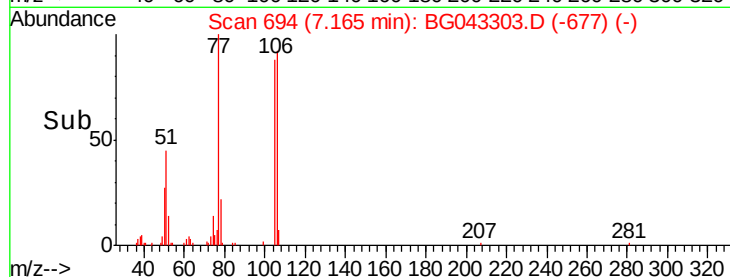
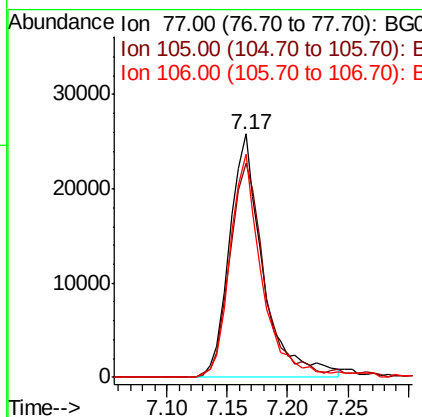
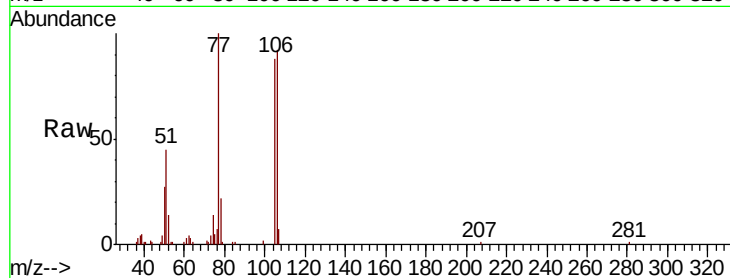
ClientSampleId :

PB123887BS

Tot Ion:	77	Resp:	49777
Ion	Ratio	Lower	Upper
77	100		
105	88.1	68.7	108.7
106	91.6	60.5	100.5

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#10

Phenol

Concen: 42.390 ng

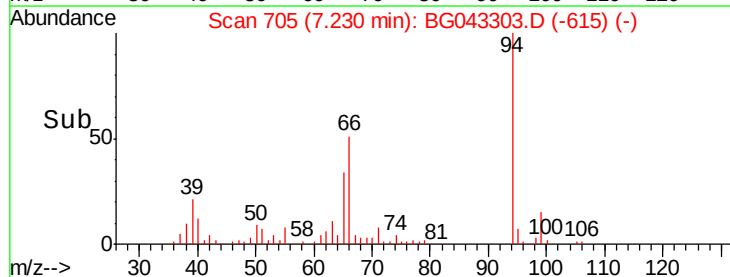
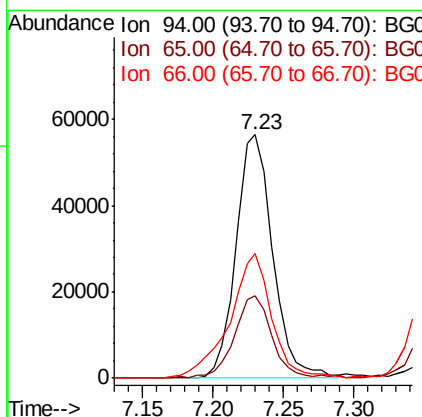
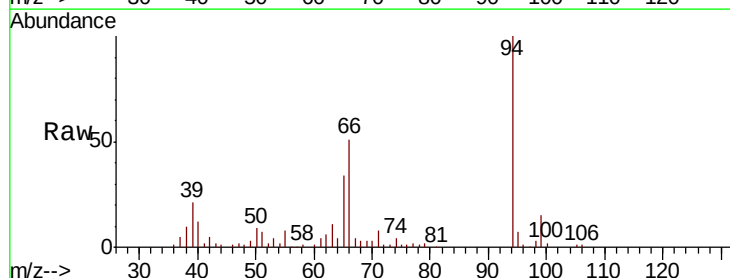
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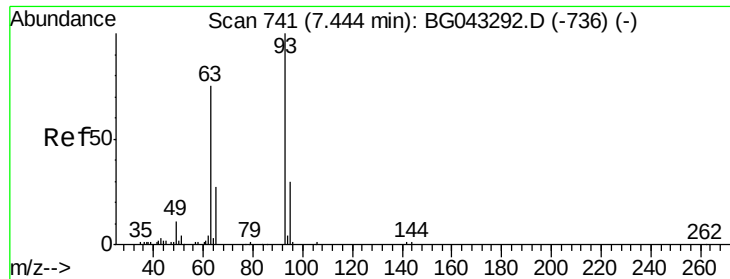
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	94	Resp:	102716
Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.1	51.1
66	50.9	27.8	67.8





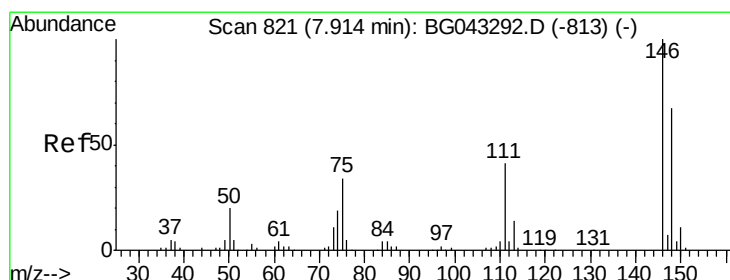
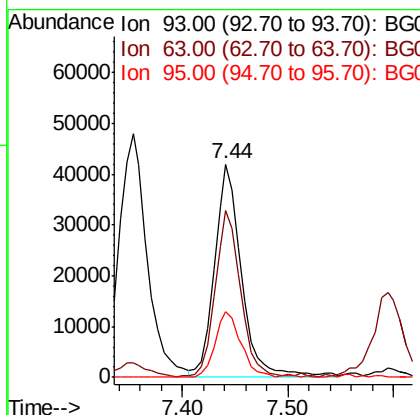
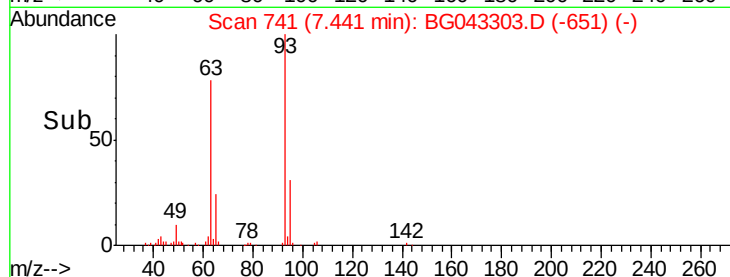
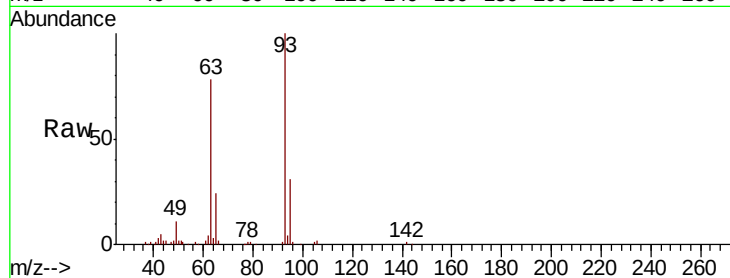
#11
bis(2-Chloroethyl)ether
Concen: 39.575 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	54.6	94.6
95	30.8	9.7	49.7

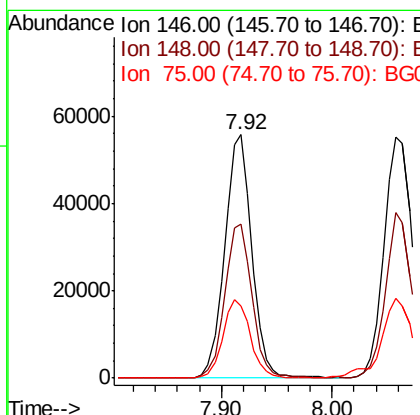
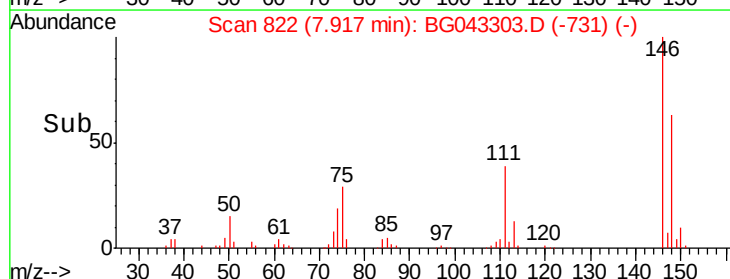
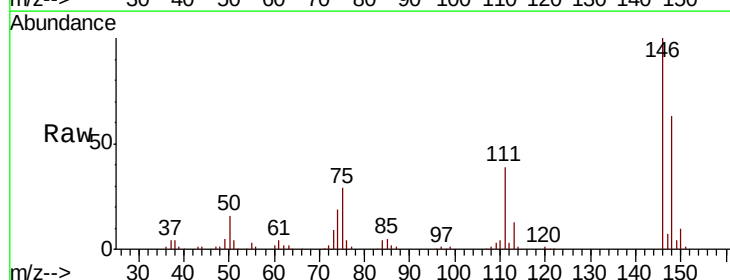
Manual Integrations
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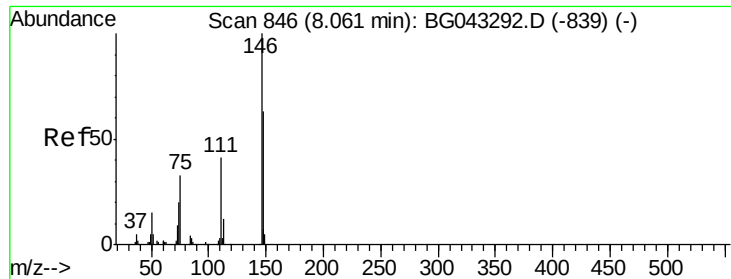
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.517 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.2
75	29.4	27.0	40.4





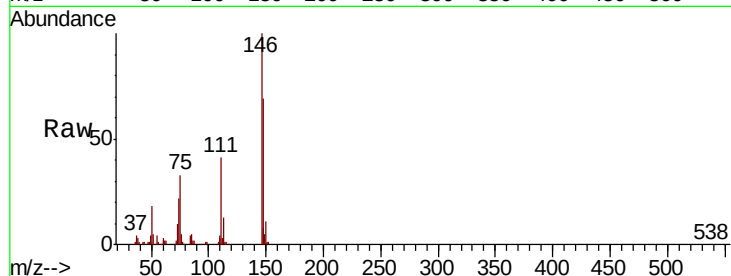
#13
1,4-Dichlorobenzene
Concen: 37.881 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	50.7	76.1
111	40.6	33.0	49.6

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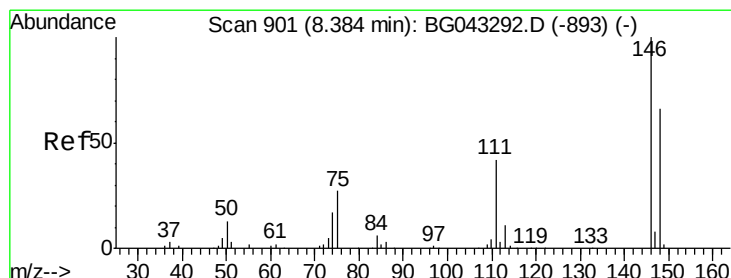
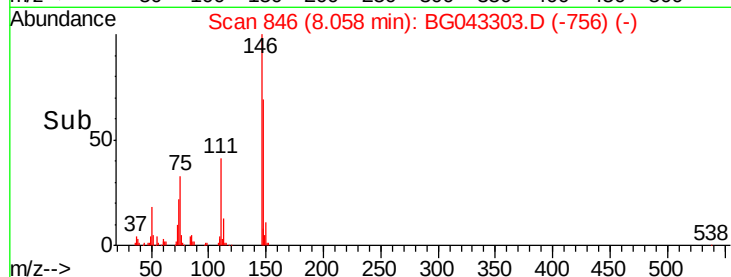
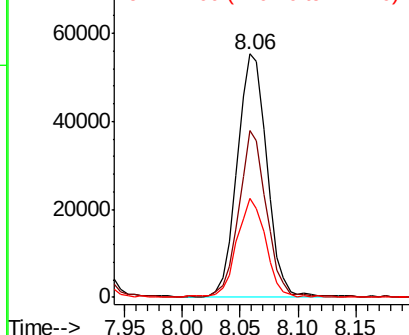


Abundance

Ion 146.00 (145.70 to 146.70): E

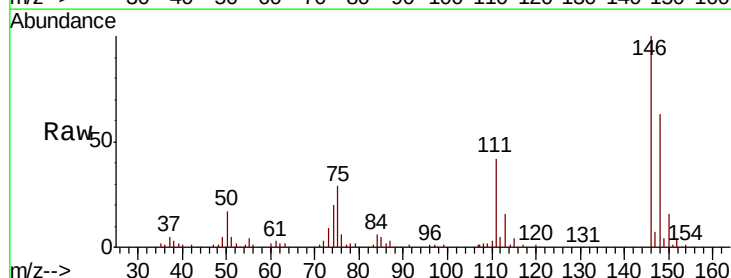
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 37.936 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.0	79.4
111	41.7	34.5	51.7

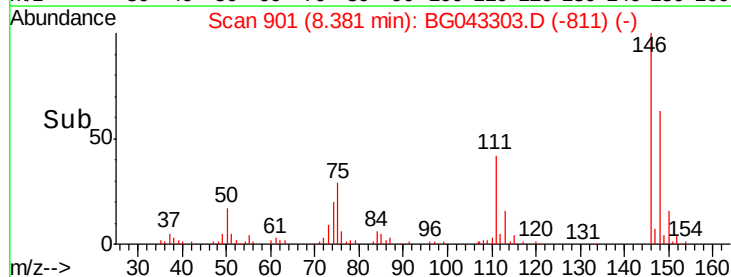
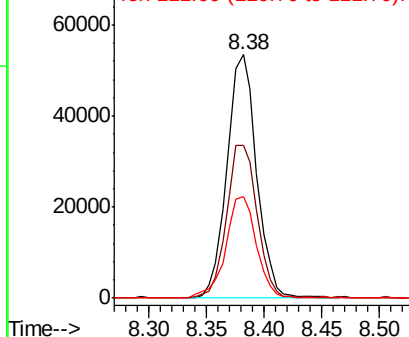


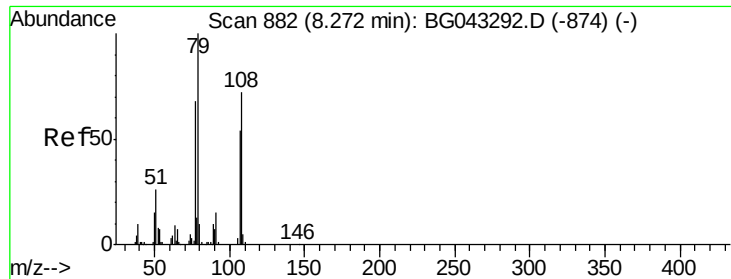
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.373 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

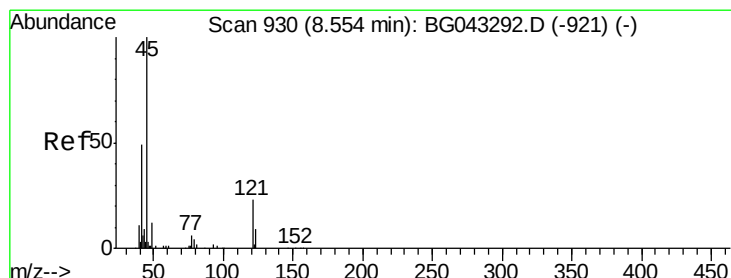
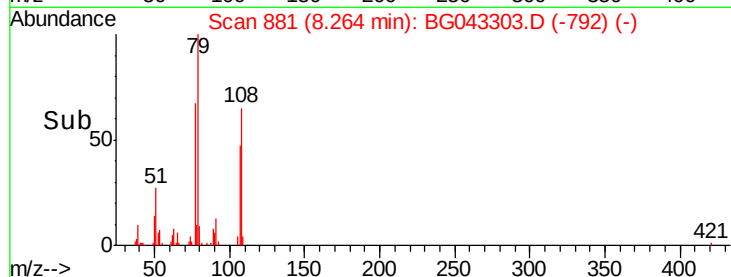
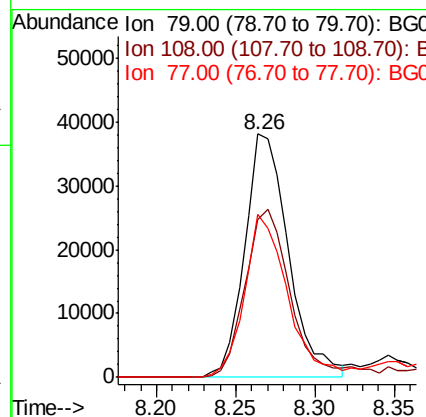
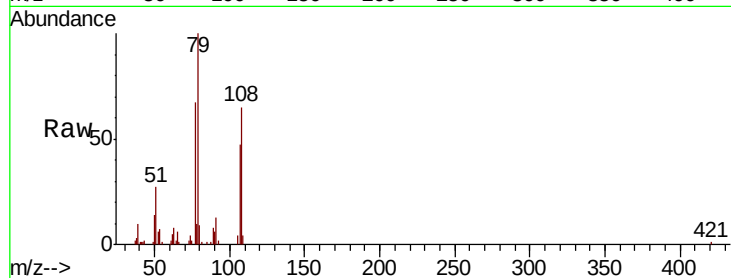
ClientSampleID :

PB123887BS

Tot Ion:	79	Resp:	73324
Ion Ratio	Lower	Upper	
79	100		
108	64.7	57.3	85.9
77	66.7	54.6	81.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.773 ng

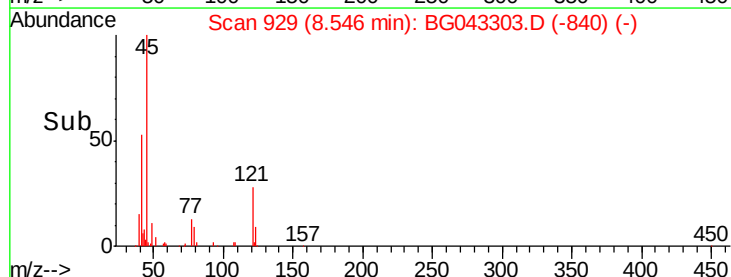
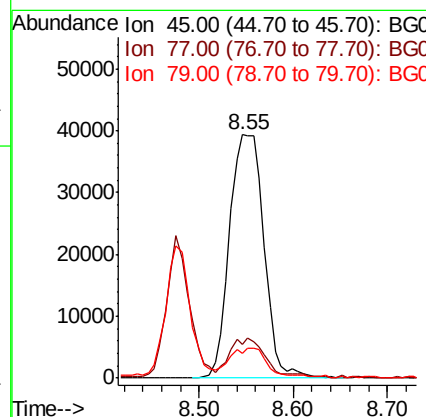
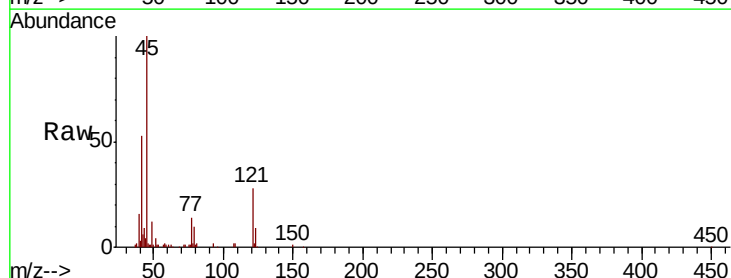
RT: 8.55 min Scan# 929

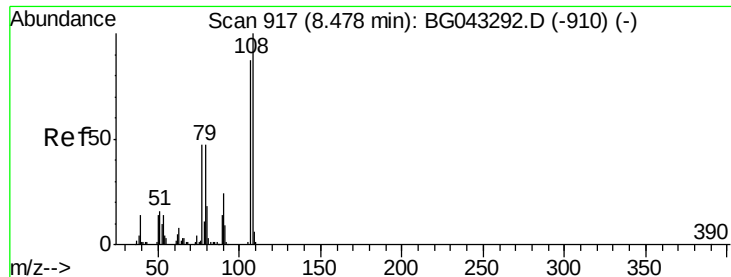
Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	45	Resp:	100172
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	34.2
79	10.1	0.0	32.3





#17

2-Methylphenol

Concen: 41.028 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

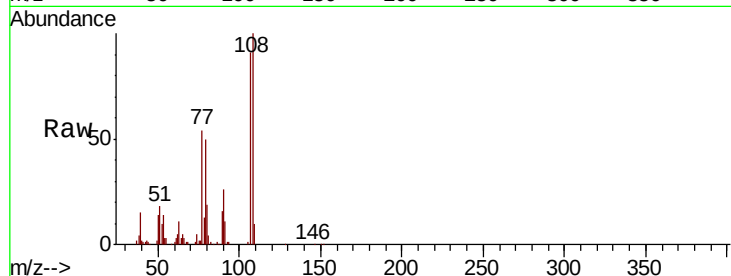
ClientSampleId :

PB123887BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.3	136.9
77	59.4	43.0	64.6
79	55.4	43.4	65.2

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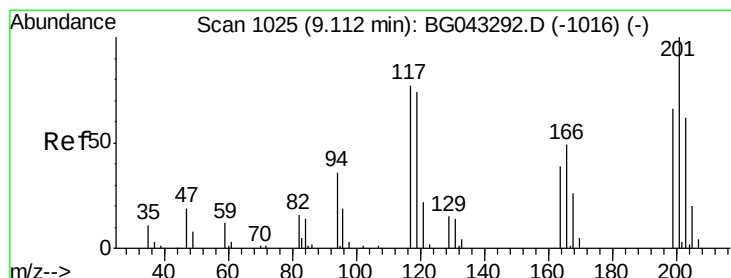
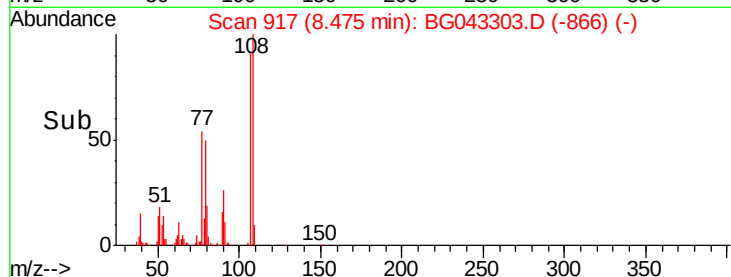
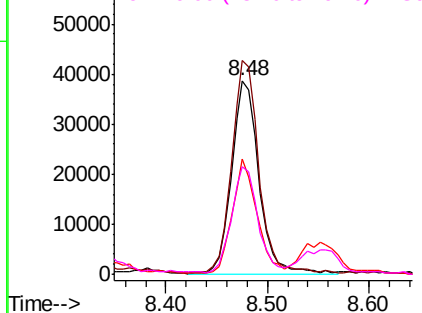
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.612 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

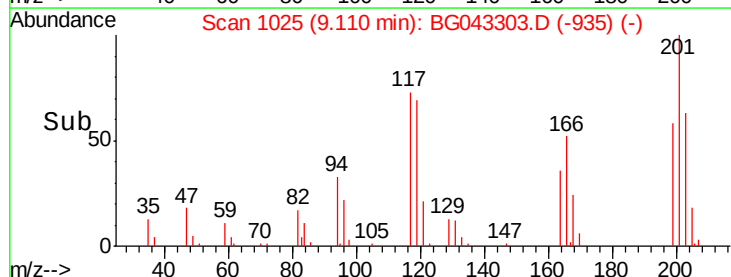
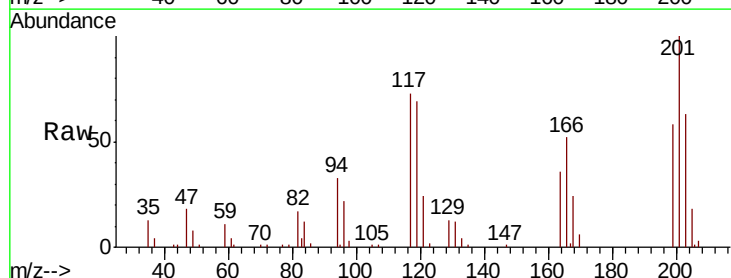
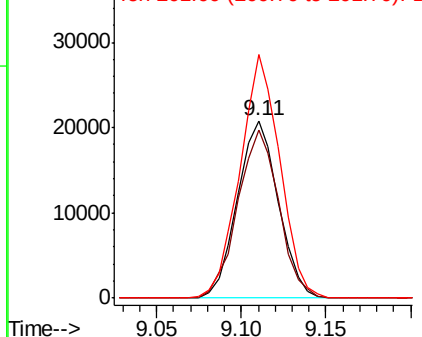
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.3	115.9
201	137.3	104.2	156.4

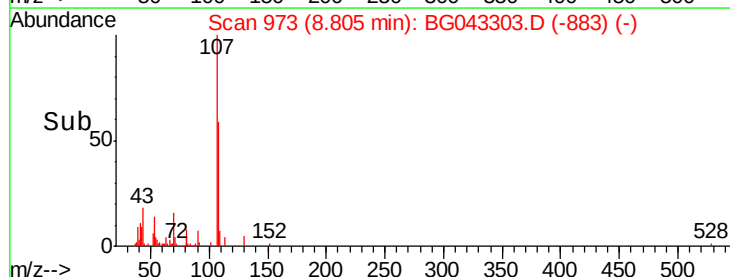
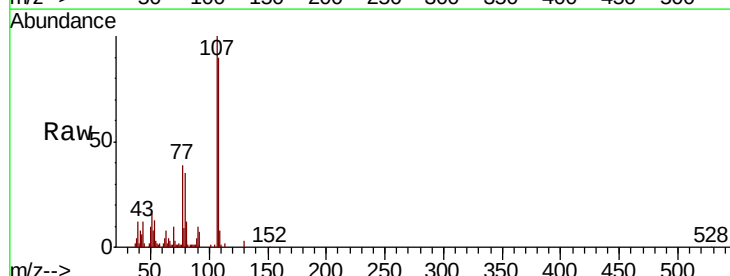
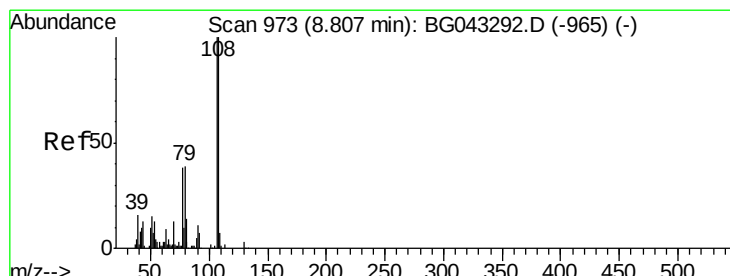
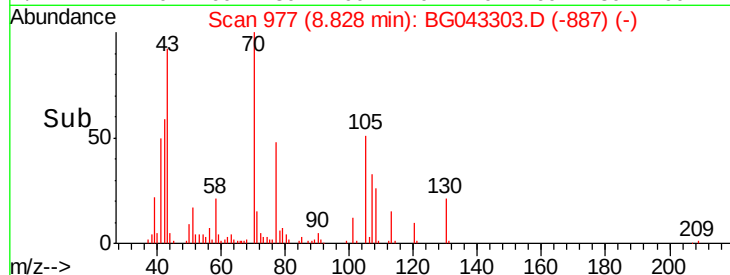
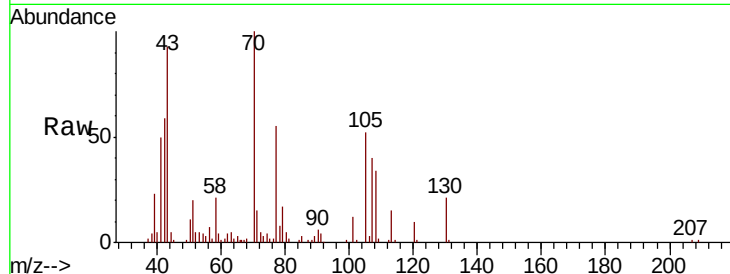
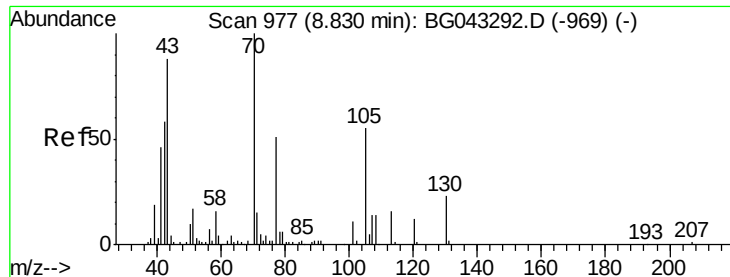
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

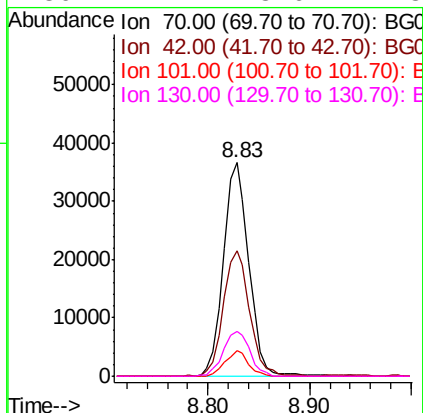
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 37.060 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	46.2	69.2	
101	12.1	8.6	13.0	
130	21.1	18.6	27.8	



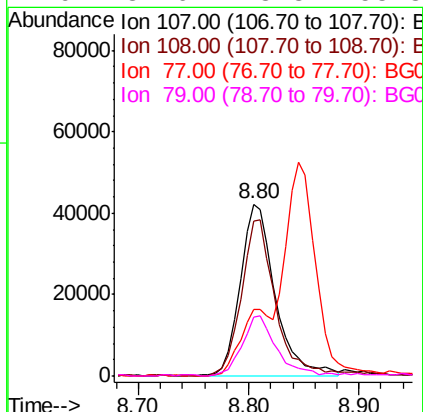
Instrument :
BNA_G
ClientSampleId :
PB123887BS

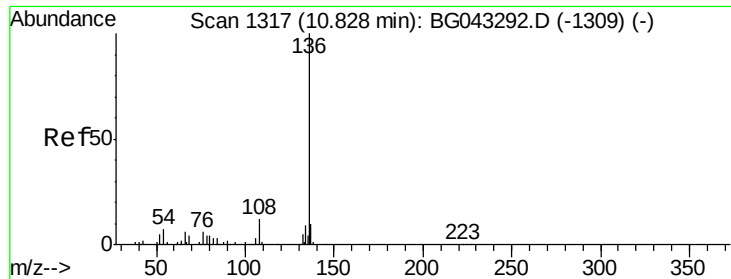
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#20
3+4-Methylphenols
Concen: 38.737 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	80.3	120.3	
77	39.1	18.2	58.2	
79	34.6	18.8	58.8	





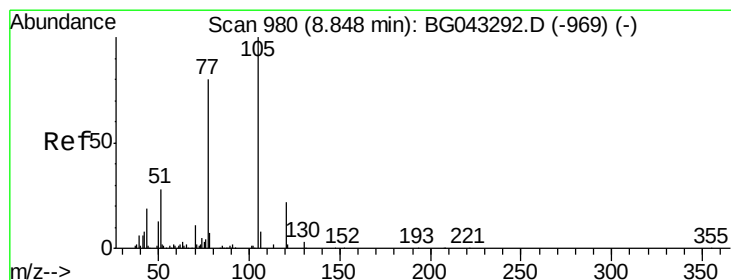
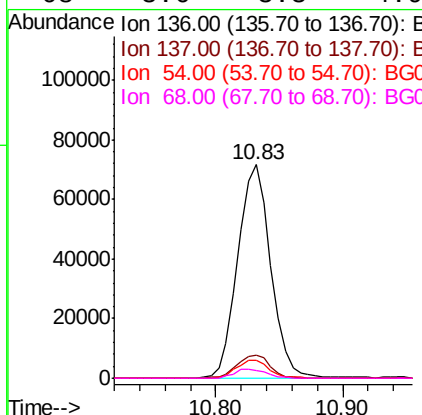
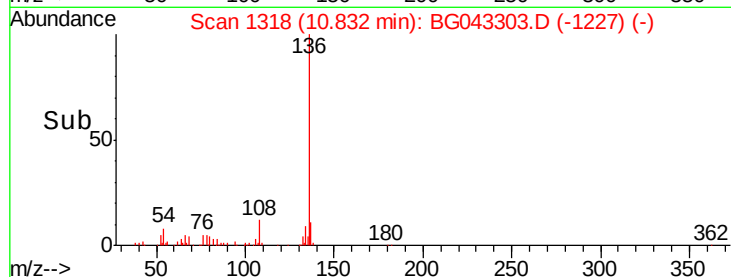
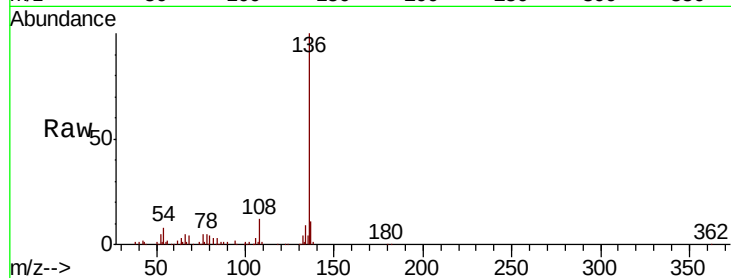
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.5	5.4	8.2#
68	3.6	3.3	4.9

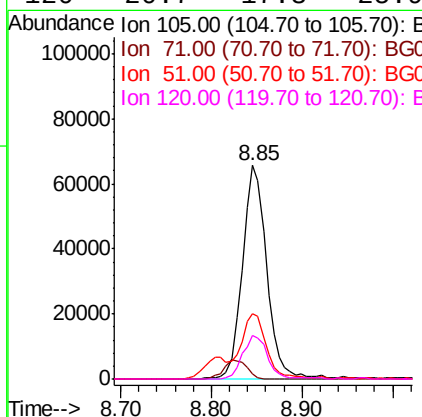
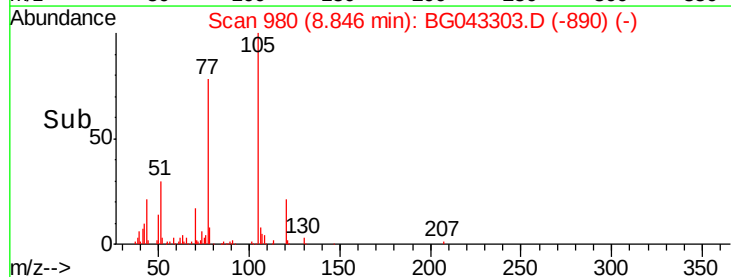
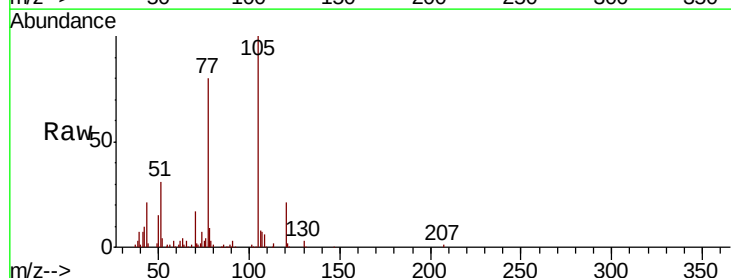
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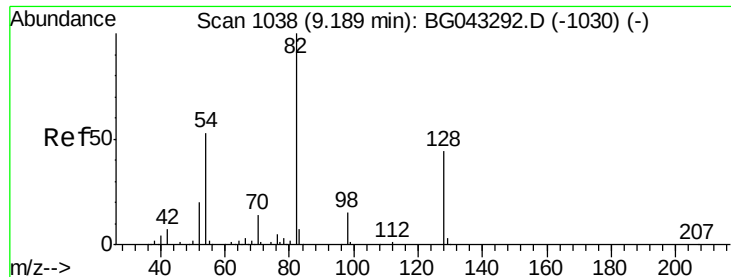
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#22
Acetophenone
Concen: 36.902 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.4	1.5	2.3#
51	30.8	23.9	35.9
120	20.7	17.3	25.9





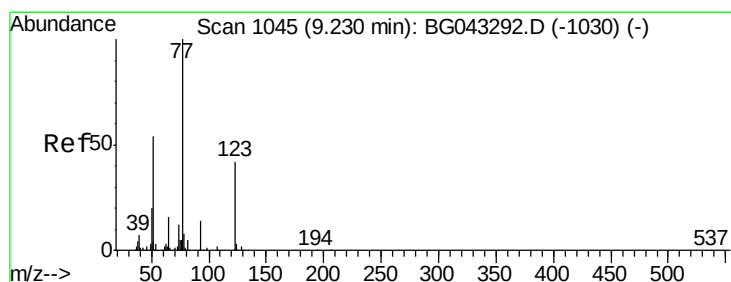
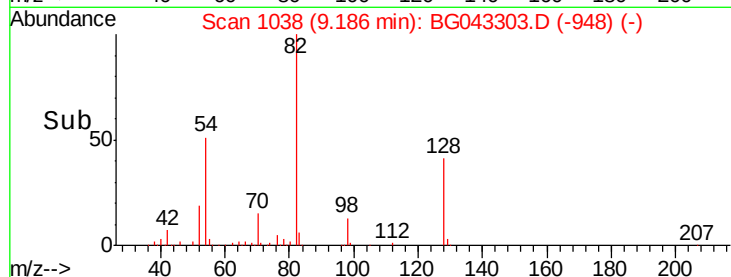
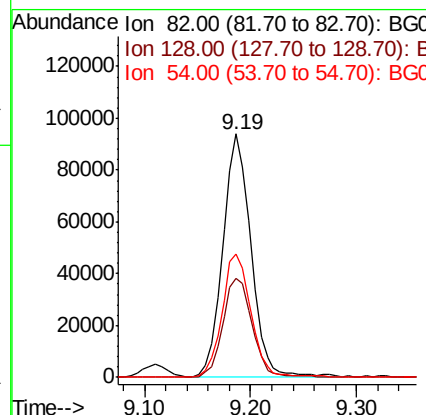
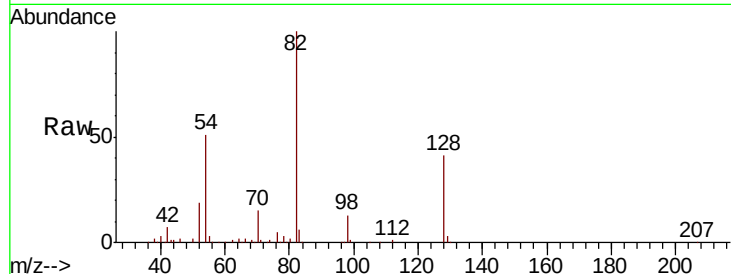
#23
 Nitrobenzene-d5
 Concen: 68.665 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	35.3	52.9
54	50.7	42.3	63.5

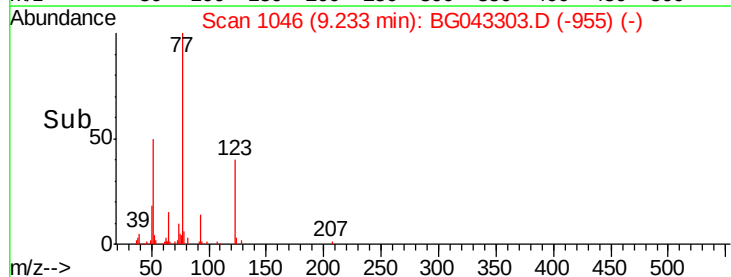
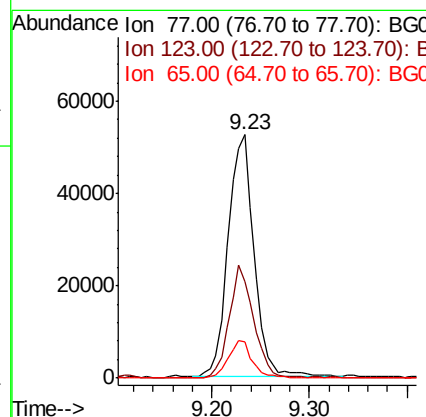
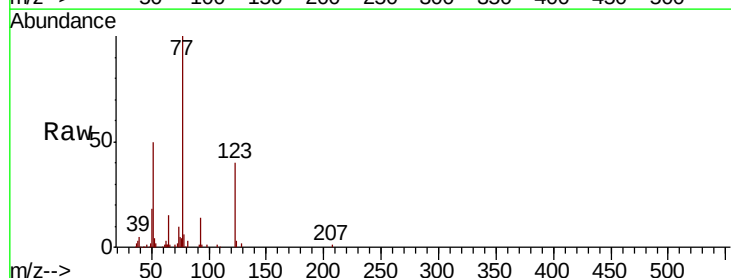
Manual Integrations
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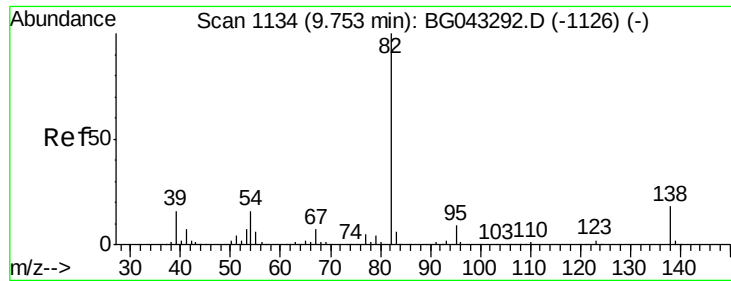
mohammad
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#24
 Nitrobenzene
 Concen: 40.548 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.8	50.8
65	15.0	13.0	19.4





#25

Isophorone

Concen: 38.190 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

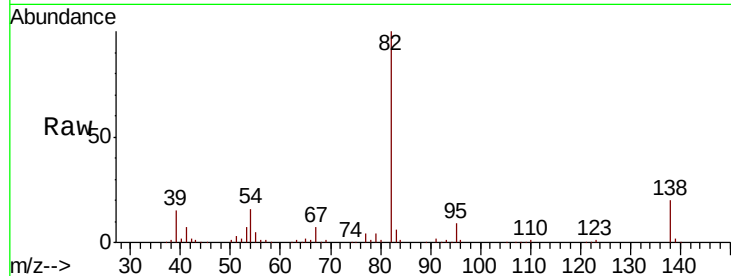
ClientSampleId :

PB123887BS

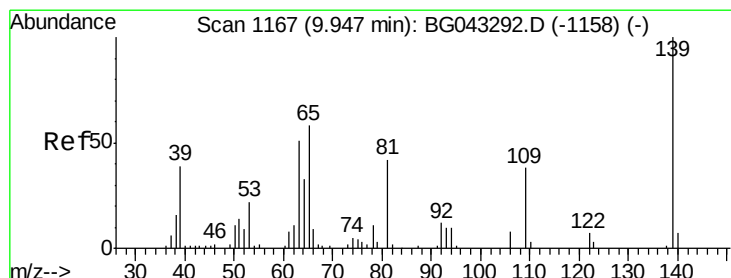
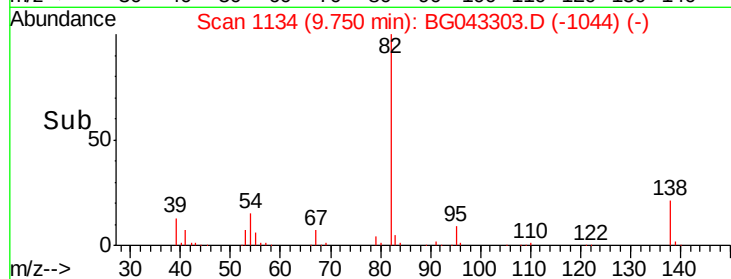
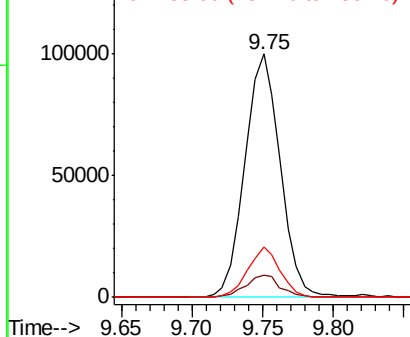
Tot Ion:	82	Resp:	175588
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.9	10.3
138	20.5	14.2	21.2

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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: 42.118 ng

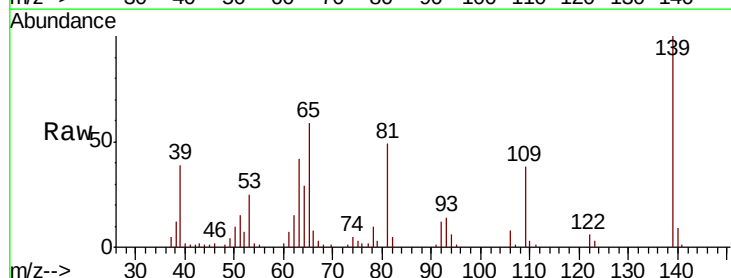
RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

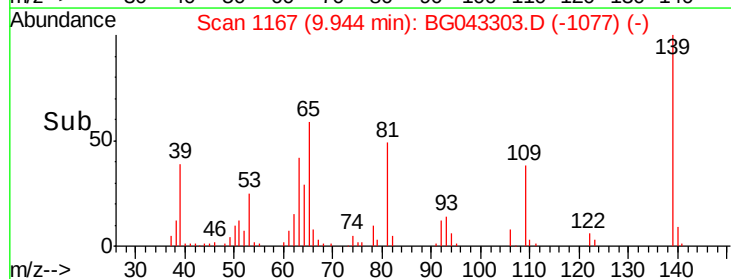
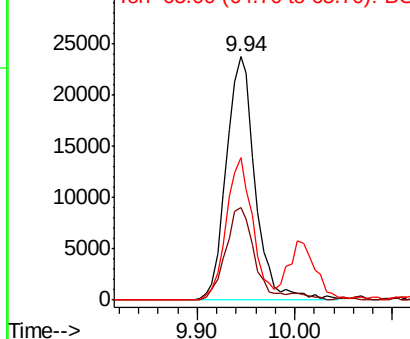
Lab File: BG043303.D

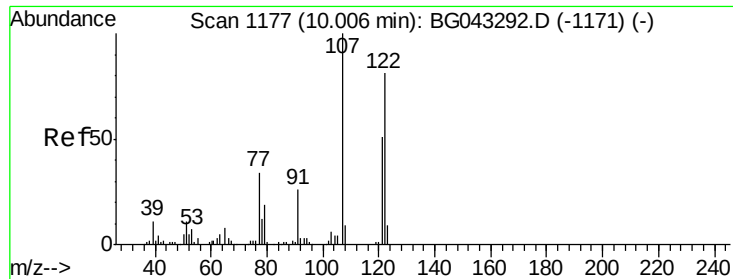
Acq: 22 Oct 2019 12:27

Tgt Ion:	139	Resp:	48713
Ion Ratio	Lower	Upper	
139	100		
109	38.1	30.1	45.1
65	58.7	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





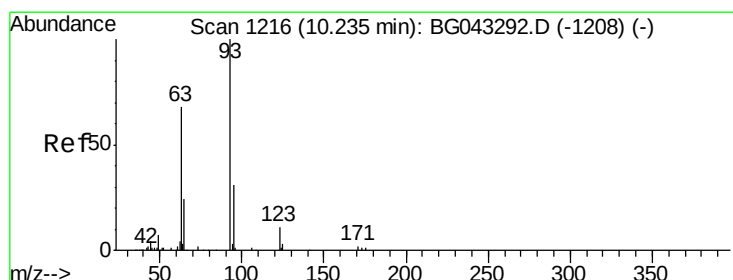
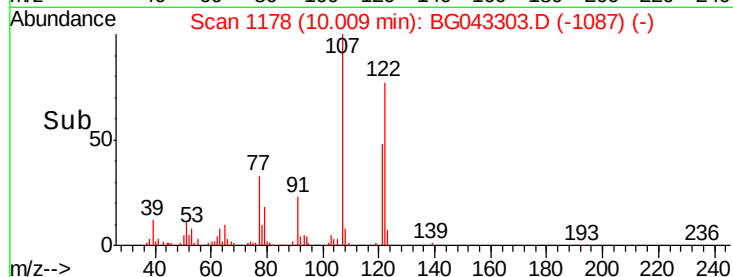
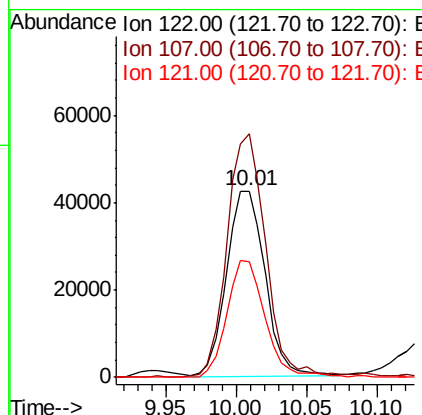
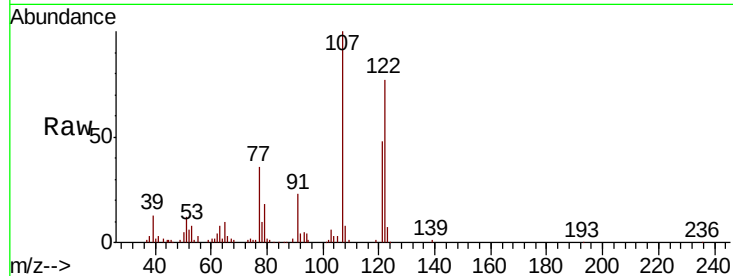
#27
 2,4-Dimethylphenol
 Concen: 48.518 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.6	98.6	147.8
121	62.1	50.1	75.1

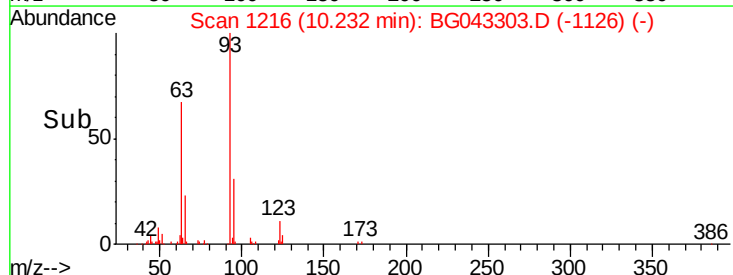
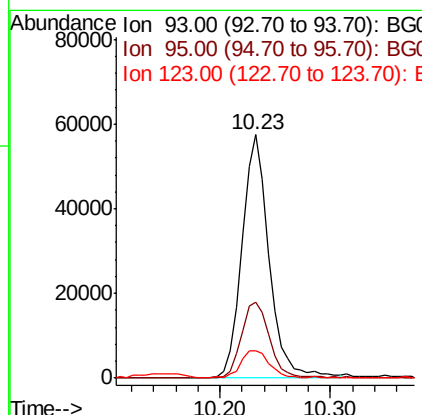
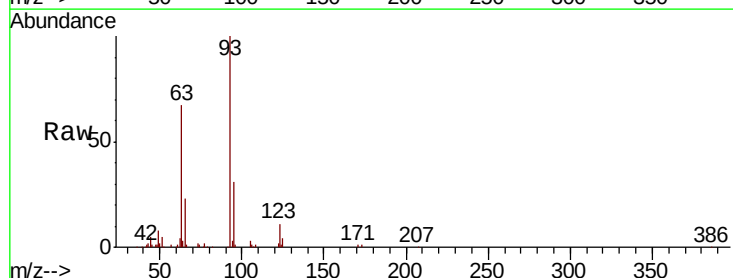
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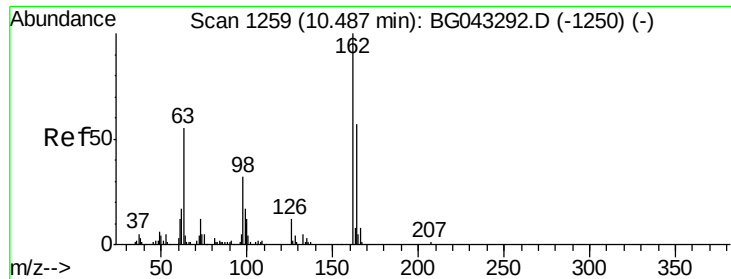
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.995 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.9	37.3
123	11.2	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 42.597 ng

RT: 10.48 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

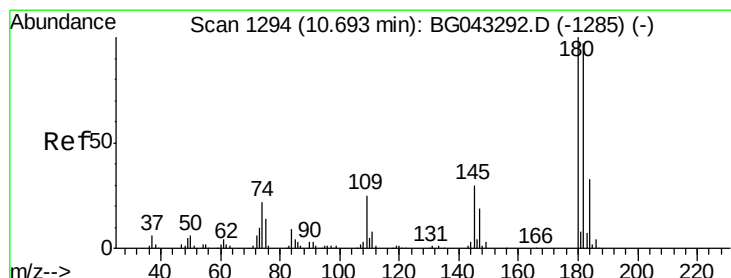
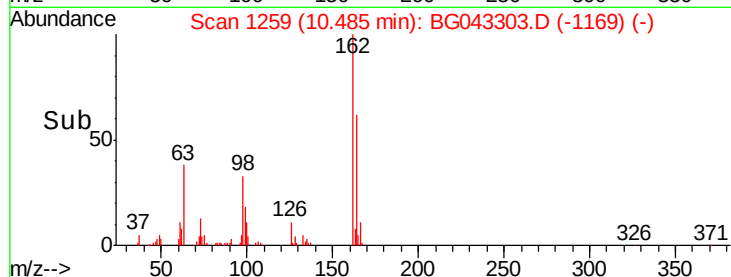
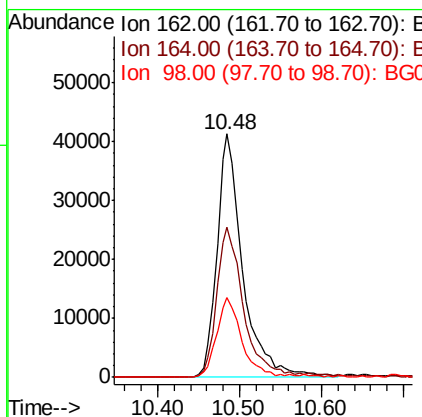
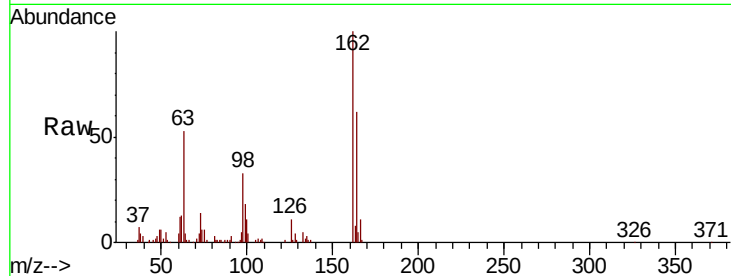
ClientSampleId :

PB123887BS

Tot Ion:	162	Resp:	90474
Ion Ratio	Lower	Upper	
162	100		
164	61.6	37.3	77.3
98	32.8	11.8	51.8

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#30

1,2,4-Trichlorobenzene

Concen: 37.506 ng

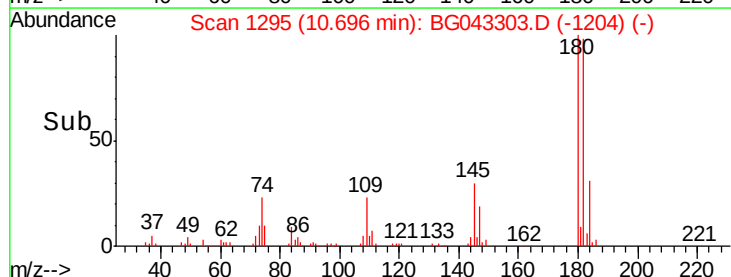
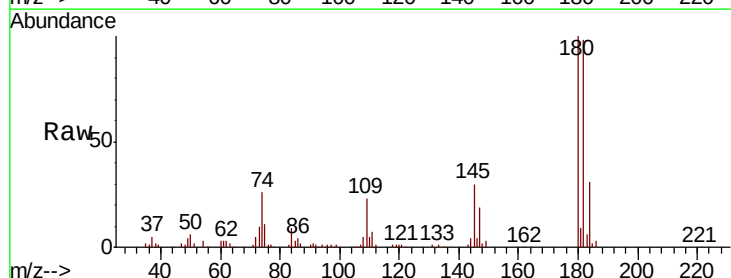
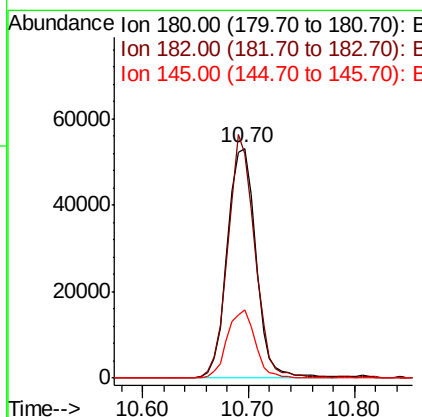
RT: 10.70 min Scan# 1295

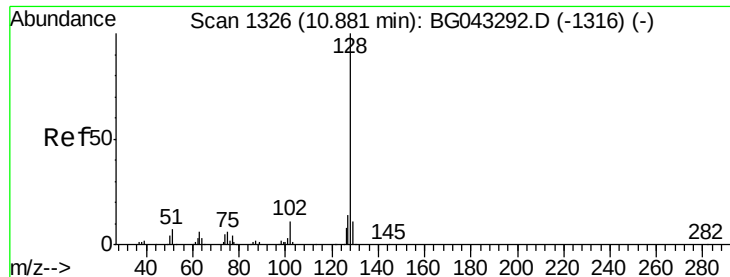
Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	180	Resp:	100403
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.8	116.8
145	29.7	23.6	35.4





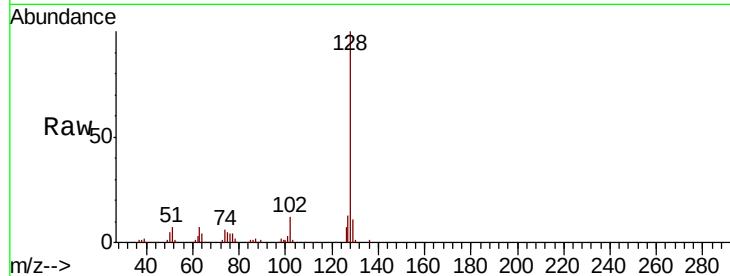
#31
Naphthalene
Concen: 40.412 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

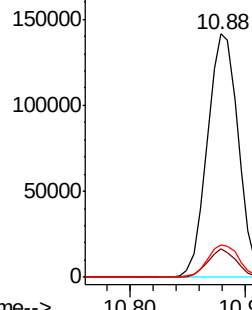
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.5	11.5	17.3

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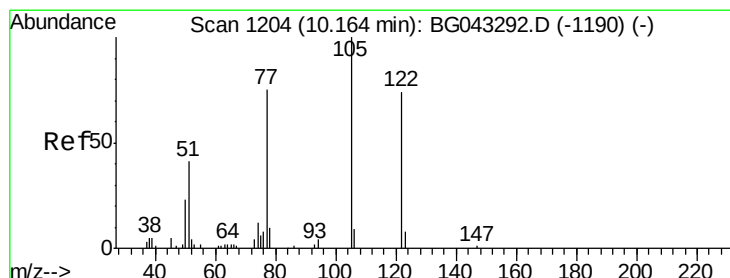
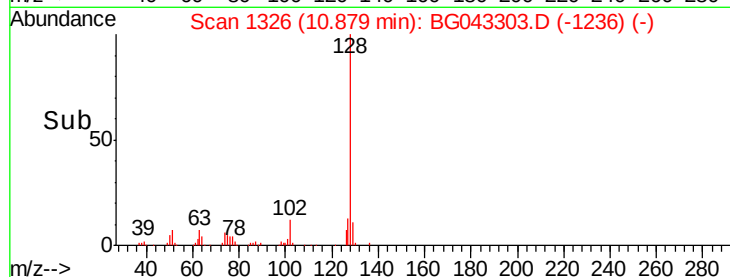
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

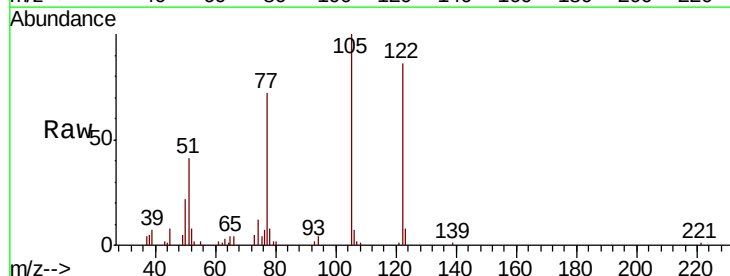


Time-->

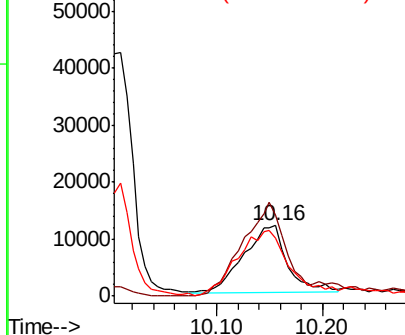


#32
Benzoic acid
Concen: 30.873 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

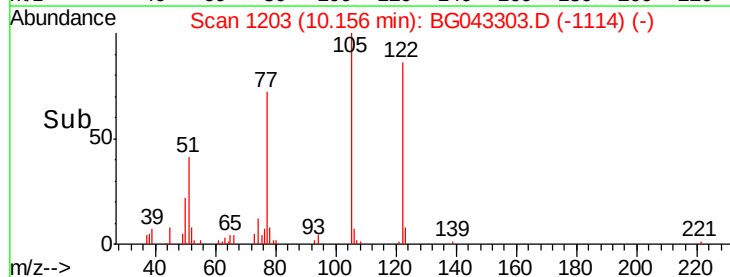
Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.7	112.4	152.4
77	83.3	82.7	122.7

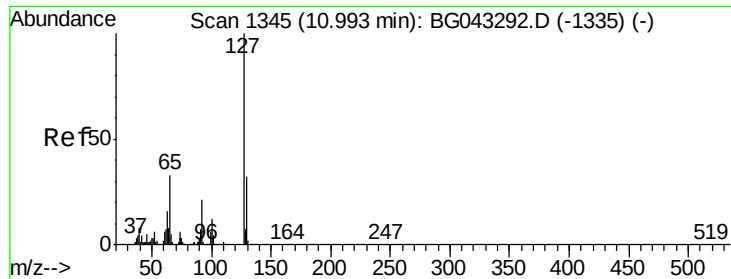


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO



Time-->





#33

4-Chloroaniline

Concen: 18.577 ng

RT: 11.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BG043303.D

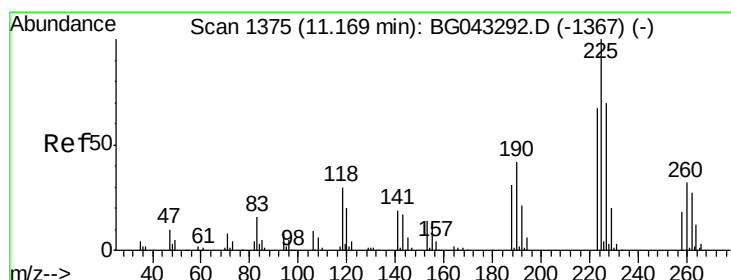
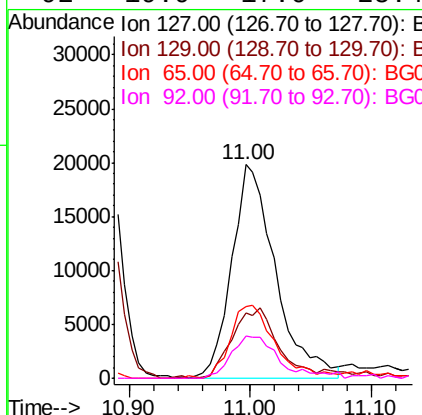
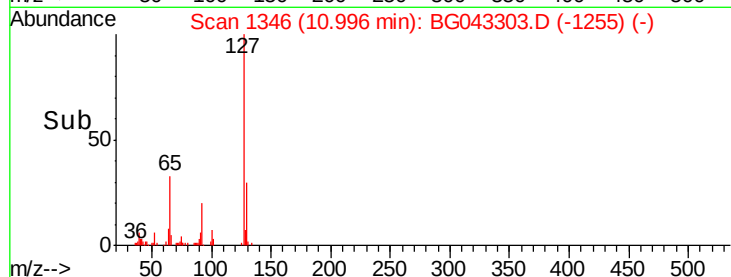
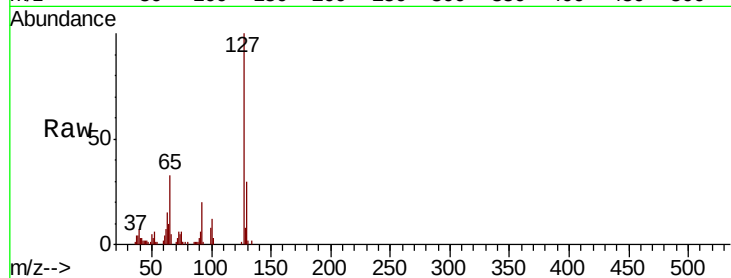
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.8	38.8
65	33.3	26.2	39.2
92	19.9	17.0	25.4

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#34

Hexachlorobutadiene

Concen: 37.477 ng

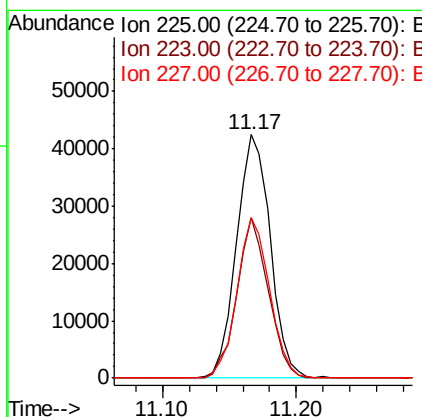
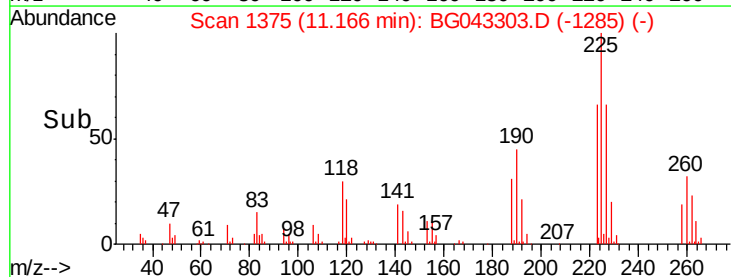
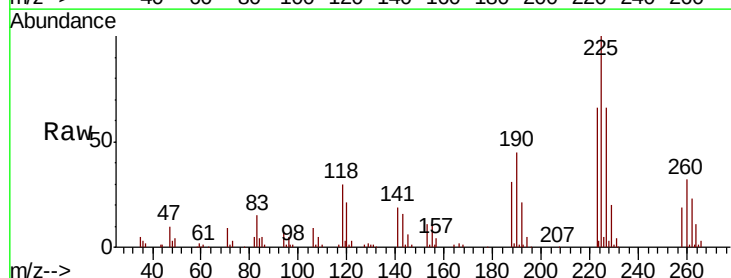
RT: 11.17 min Scan# 1375

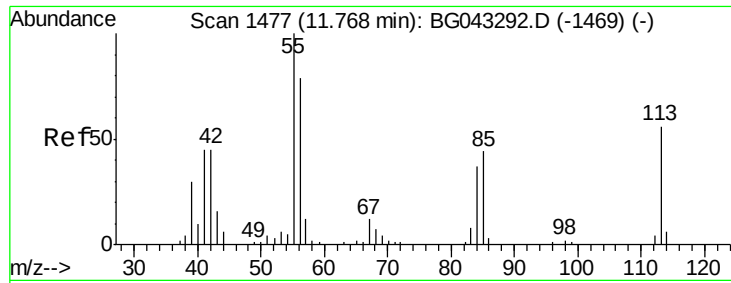
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	53.2	79.8
227	66.0	56.2	84.2





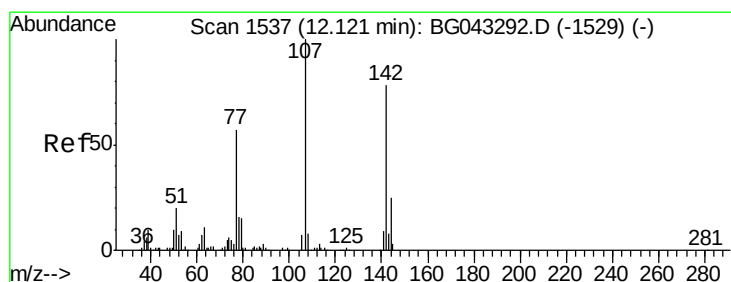
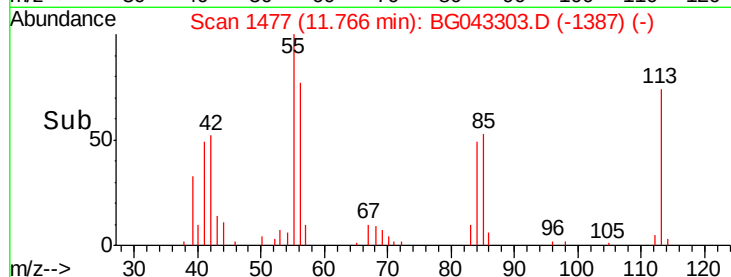
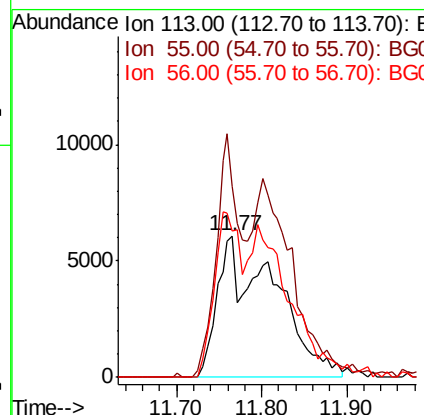
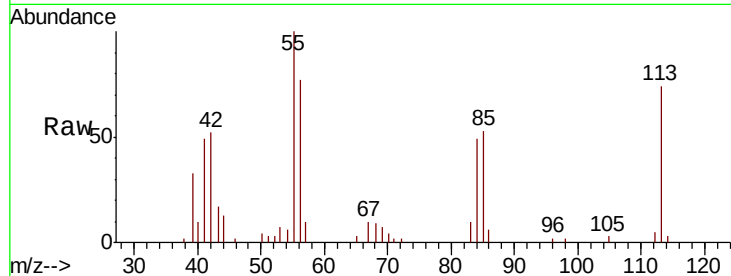
#35
 Caprolactam
 Concen: 38.931 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleID :
 PB123887BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.0	158.9	198.9#
56	103.5	121.4	161.4#

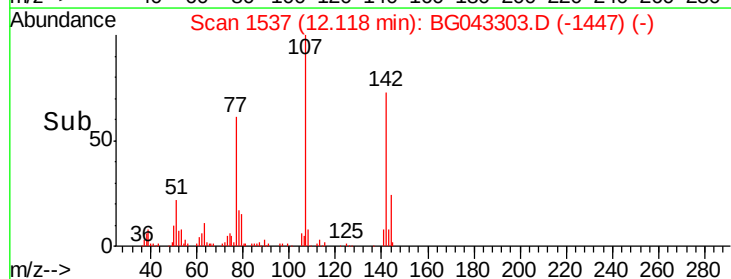
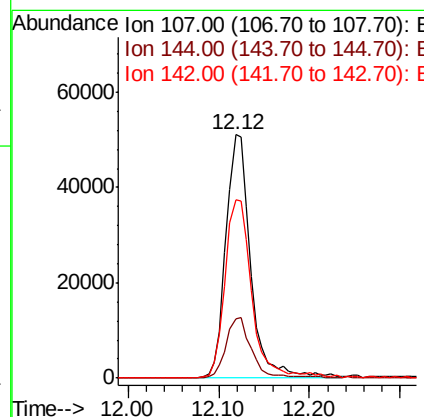
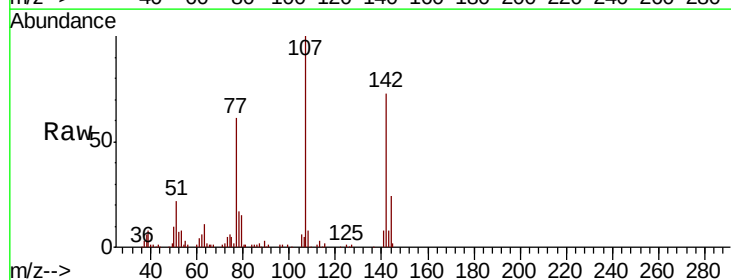
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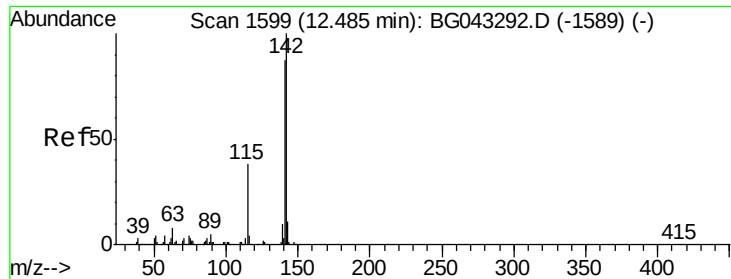
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#36
 4-Chloro-3-methylphenol
 Concen: 42.083 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.9	29.9
142	73.0	62.1	93.1





#37

2-Methylnaphthalene

Concen: 39.446 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

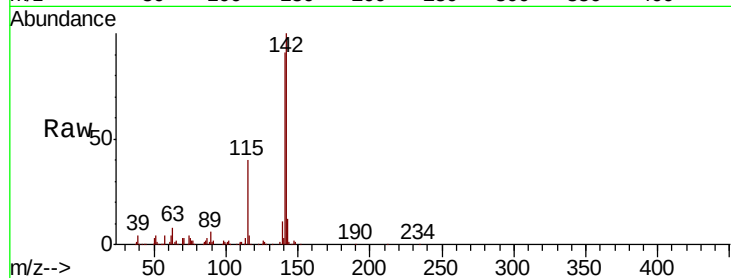
ClientSampleId :

PB123887BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.7	104.5
115	40.4	30.6	46.0

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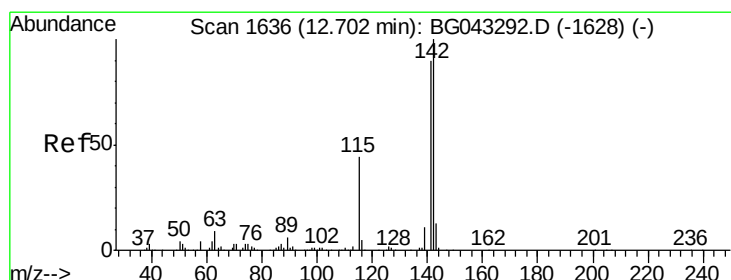
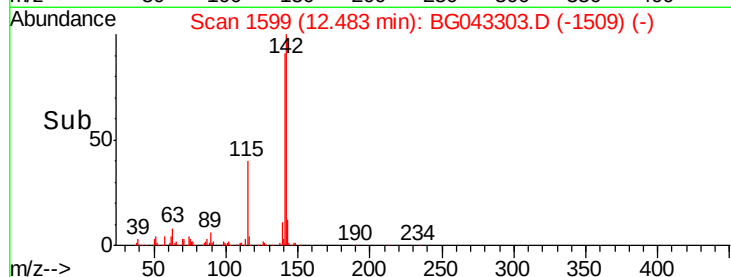
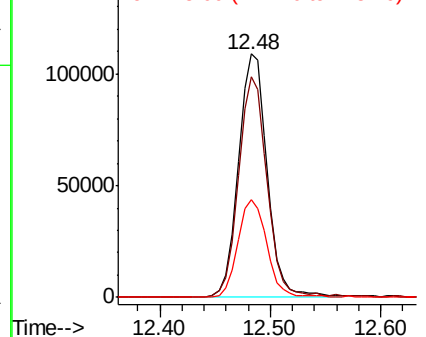


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.305 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

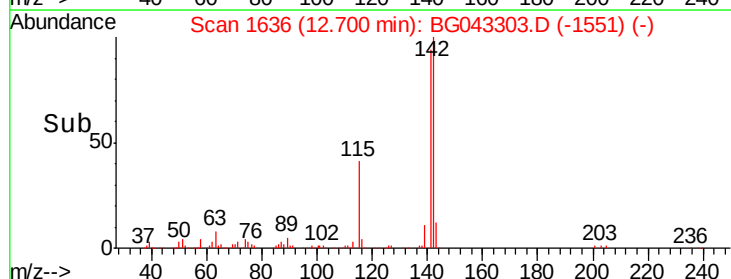
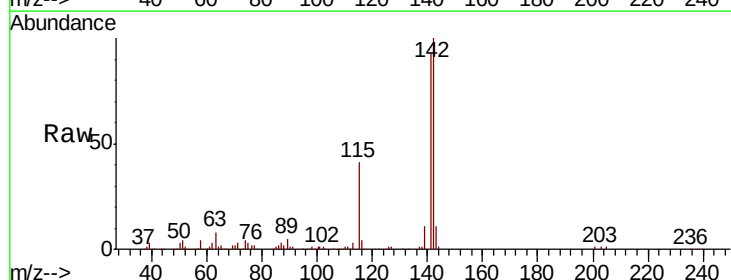
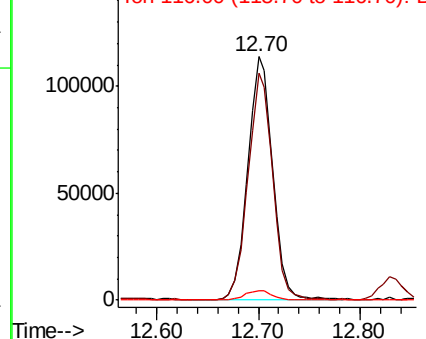
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	4.0	3.8	5.6

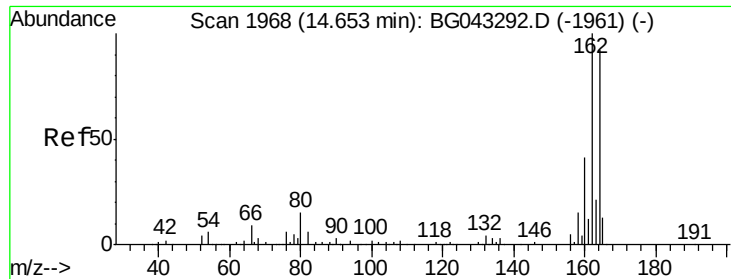
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

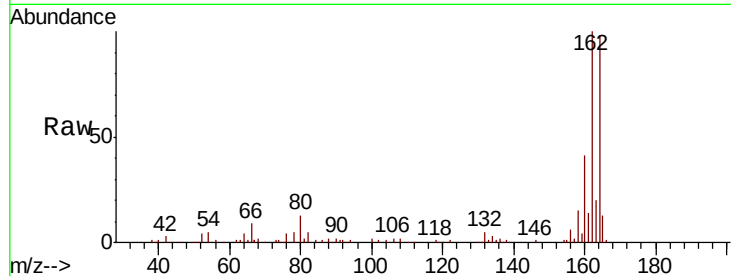
ClientSampleId :

PB123887BS

Tot Ion:	164	Resp:	95915
Ion Ratio	Lower	Upper	
164	100		
162	102.2	87.0	130.4
160	42.1	35.5	53.3

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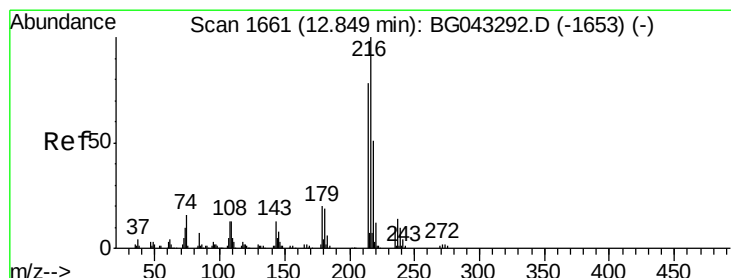
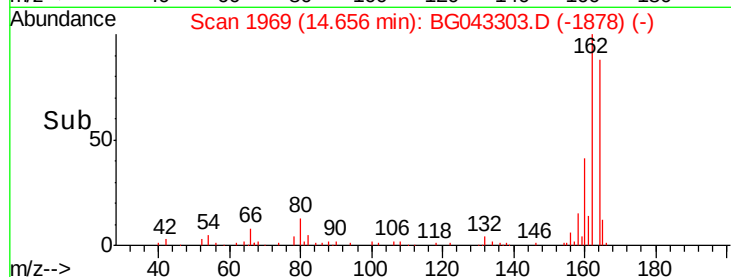
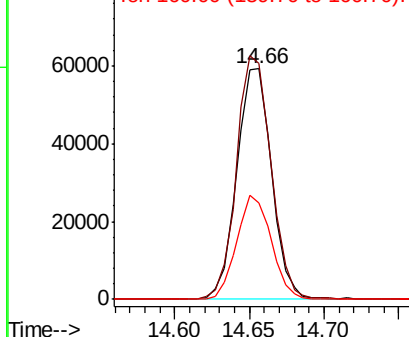


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.026 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	216	Resp:	131430
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.5	95.3
179	20.0	16.2	24.2
108	17.0	11.2	16.8#

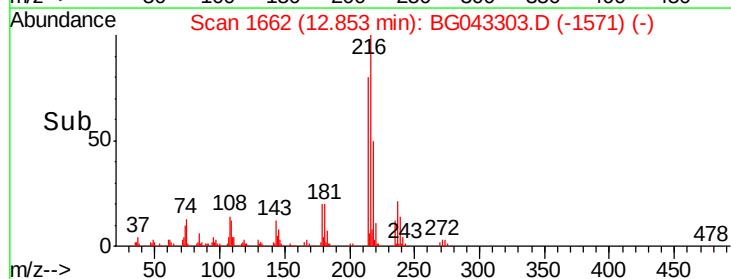
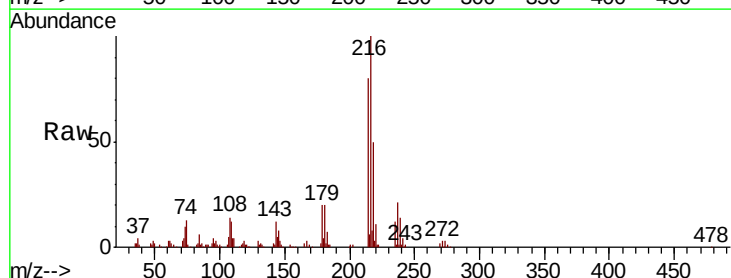
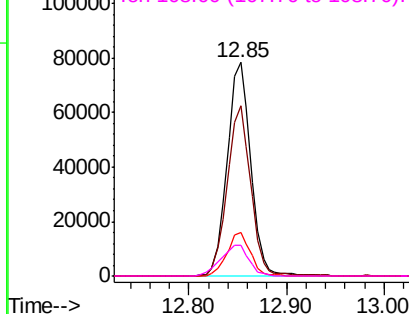
Abundance

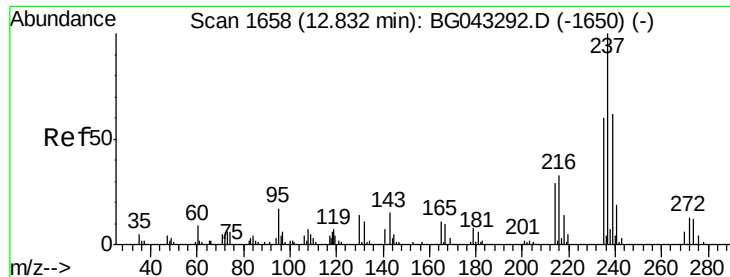
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.294 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

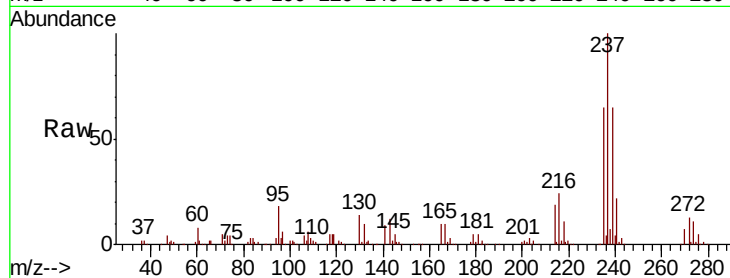
ClientSampleId :

PB123887BS

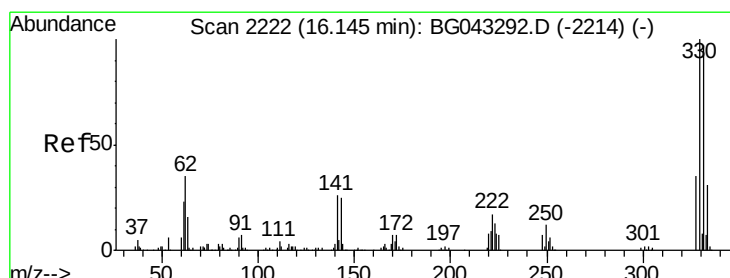
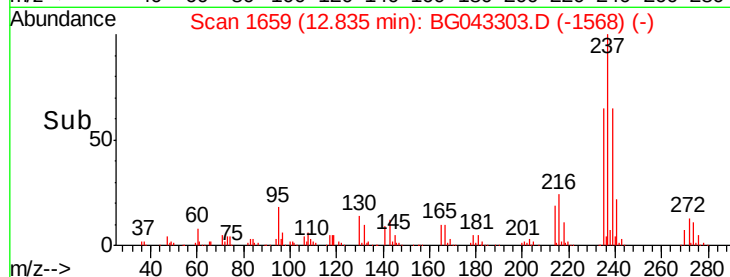
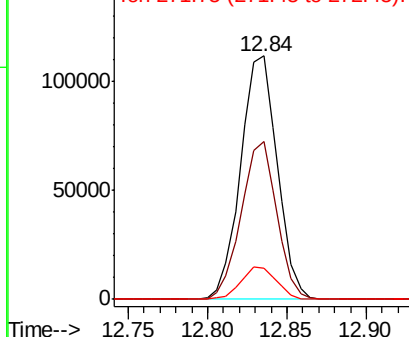
Tot Ion:	237	Resp:	179556
Ion Ratio		Lower	Upper
237	100		
235	64.6	40.3	80.3
272	13.0	0.0	32.9

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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: 66.923 ng

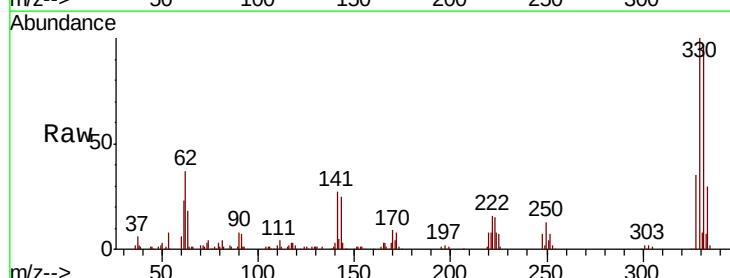
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

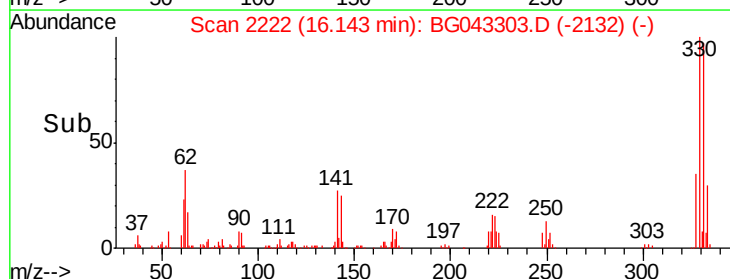
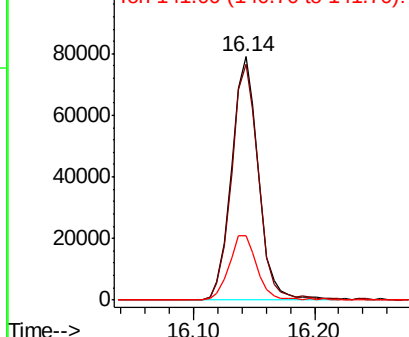
Lab File: BG043303.D

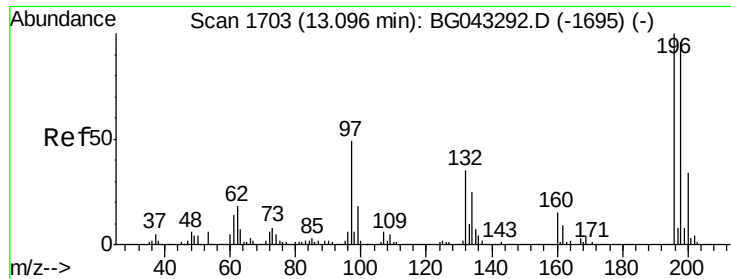
Acq: 22 Oct 2019 12:27

Tgt Ion:	330	Resp:	122152
Ion Ratio		Lower	Upper
330	100		
332	97.2	76.4	114.6
141	27.6	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





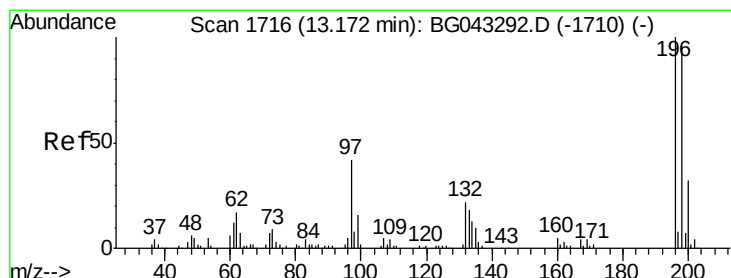
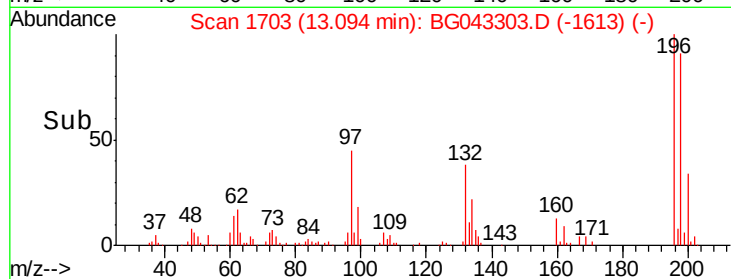
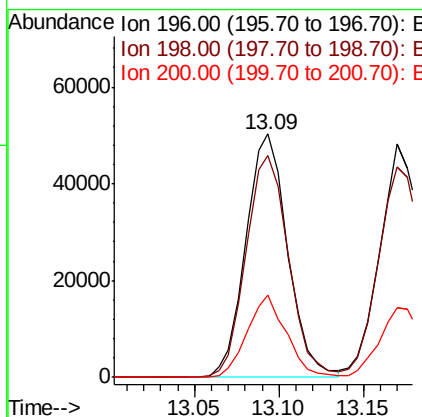
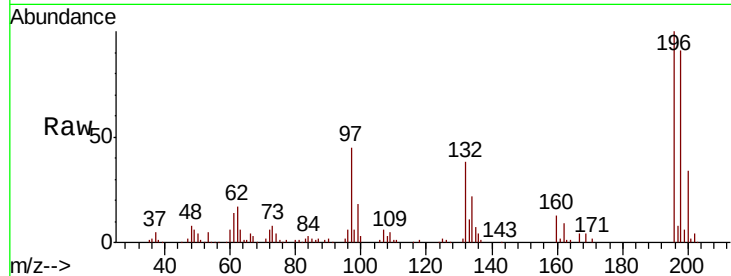
#43
 2,4,6-Trichlorophenol
 Concen: 41.378 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	86499		
198	91.1		77.0	115.4
200	34.0		27.4	41.2

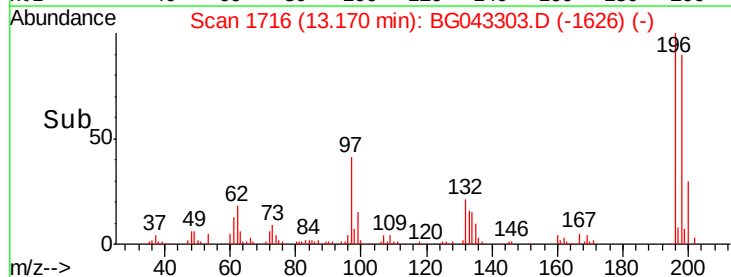
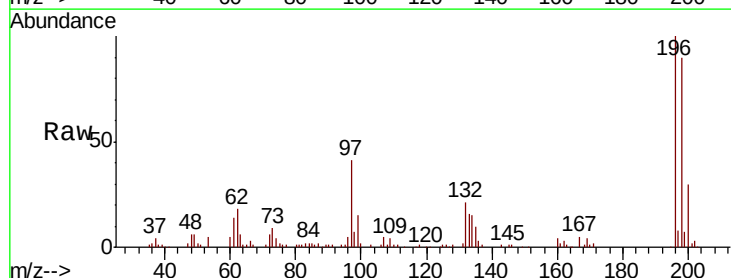
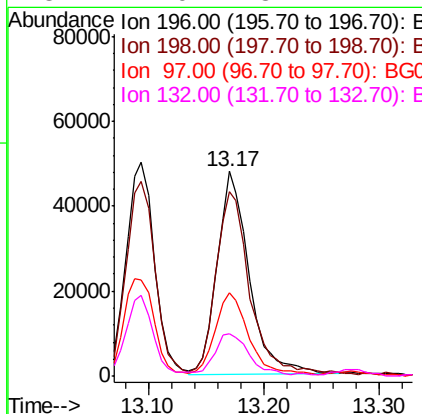
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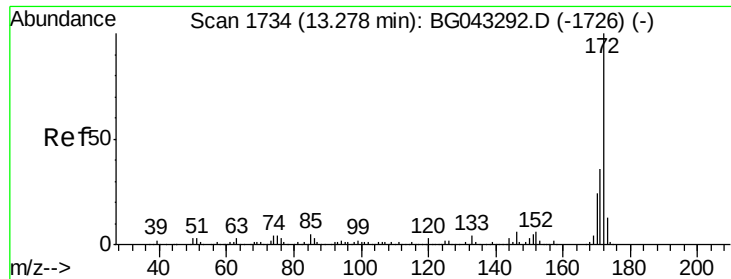
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.273 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91452		
198	90.2		76.6	114.8
97	40.6		34.1	51.1
132	21.0		18.2	27.4





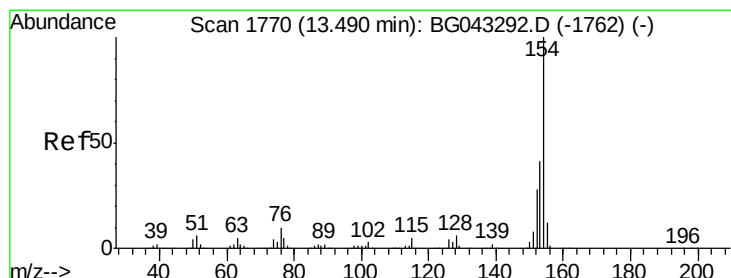
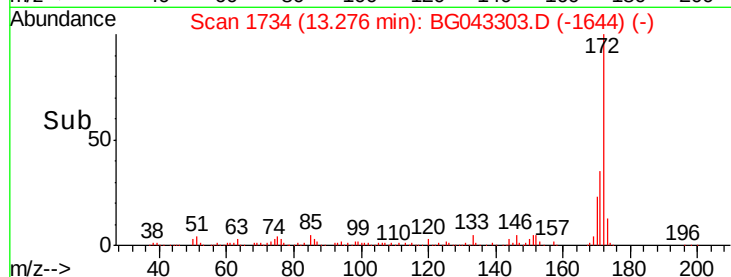
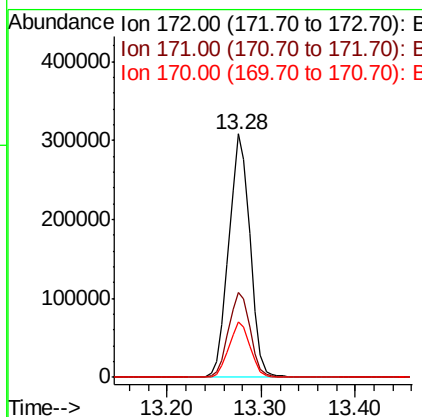
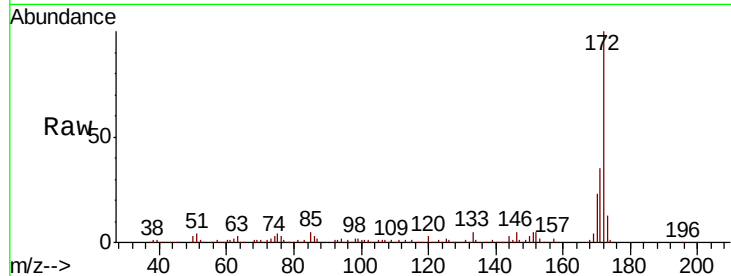
#45
2-Fluorobiphenyl
Concen: 69.742 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.6	18.8	28.2

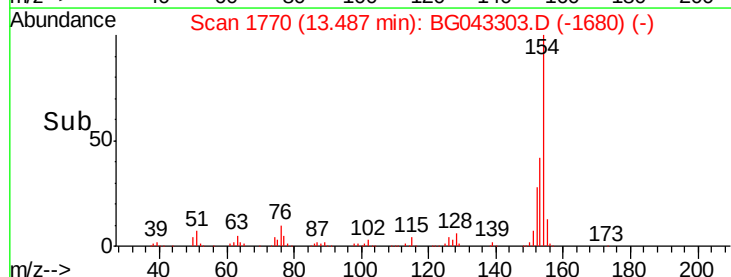
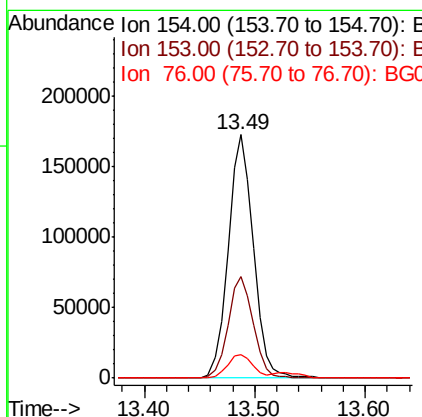
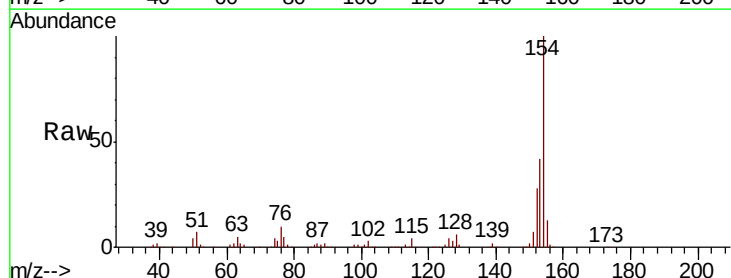
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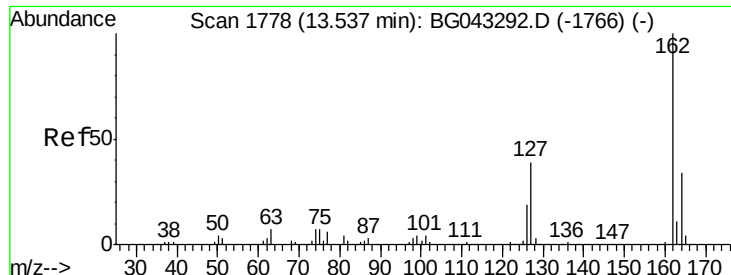
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#46
1,1'-Biphenyl
Concen: 37.798 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.0	61.0
76	9.7	0.0	29.8





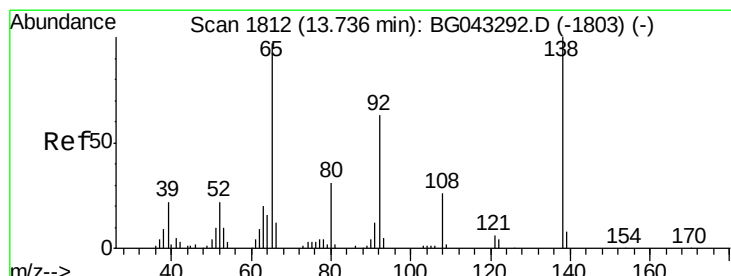
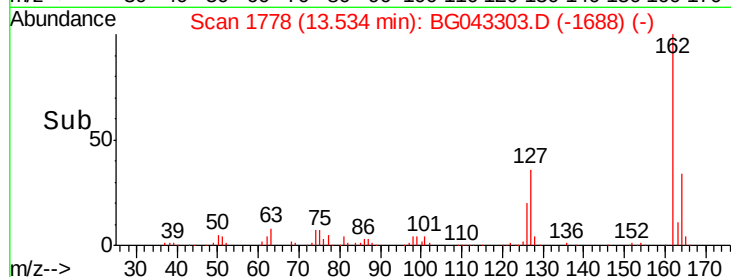
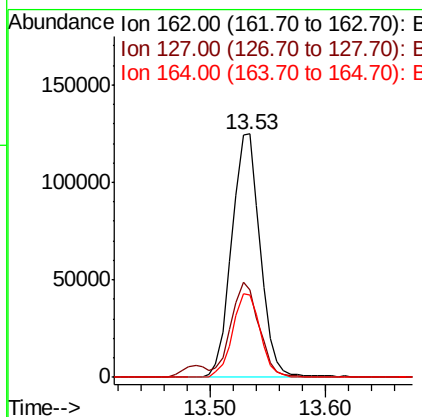
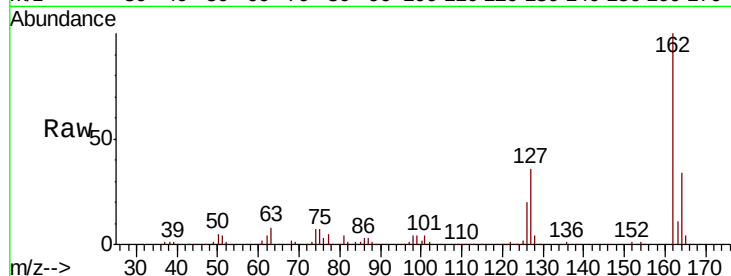
#47
 2-Chloronaphthalene
 Concen: 38.582 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion:	162	Resp:	214202
Ion Ratio	Lower	Upper	
162	100		
127	35.7	31.3	46.9
164	33.7	26.8	40.2

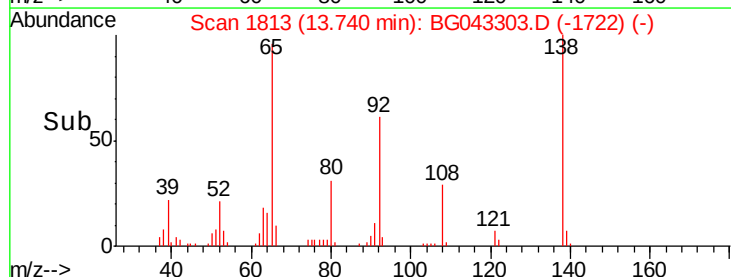
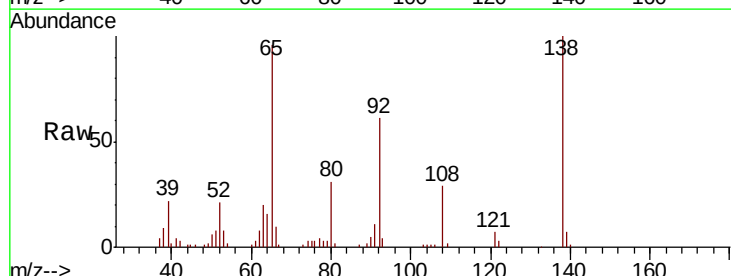
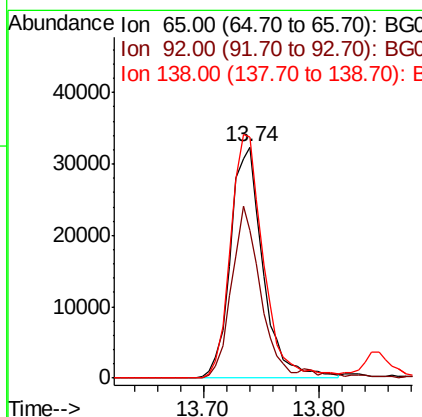
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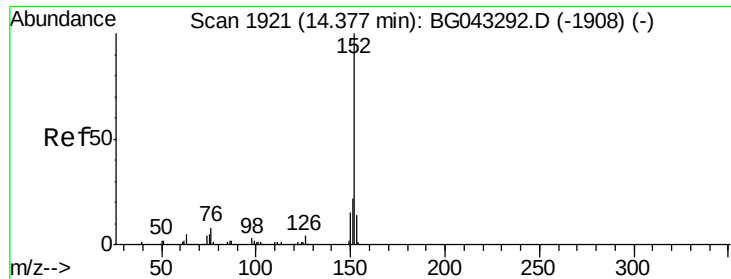
mohammad
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#48
 2-Nitroaniline
 Concen: 37.976 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:	65	Resp:	63015
Ion Ratio	Lower	Upper	
65	100		
92	63.5	52.6	79.0
138	104.2	82.9	124.3





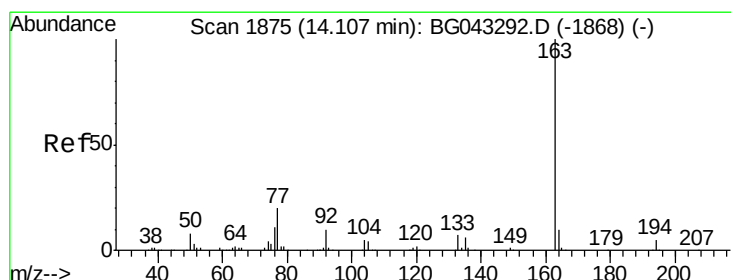
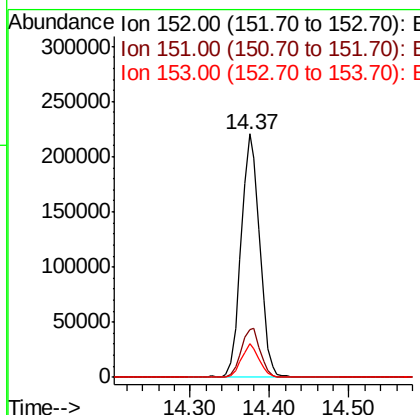
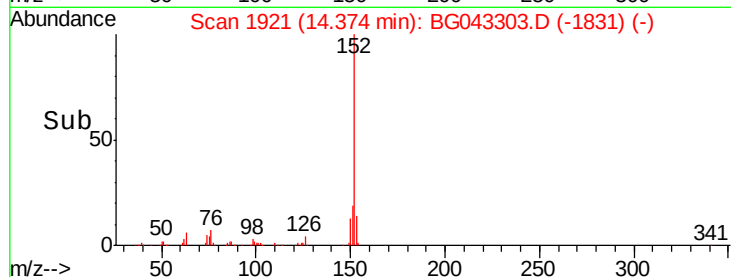
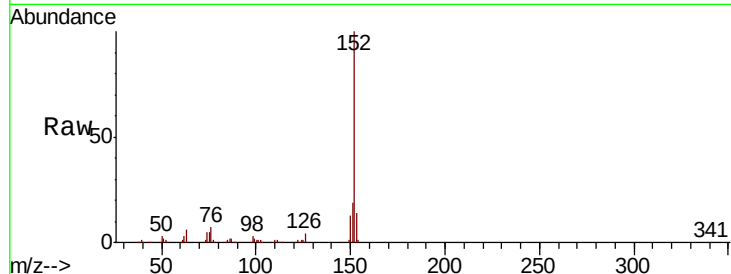
#49
Acenaphthylene
Concen: 41.498 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	358569		
151	19.5		17.2	25.8
153	13.6		11.0	16.6

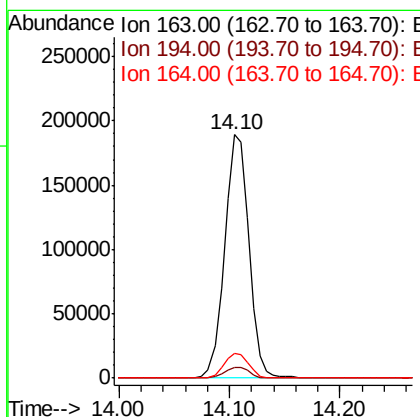
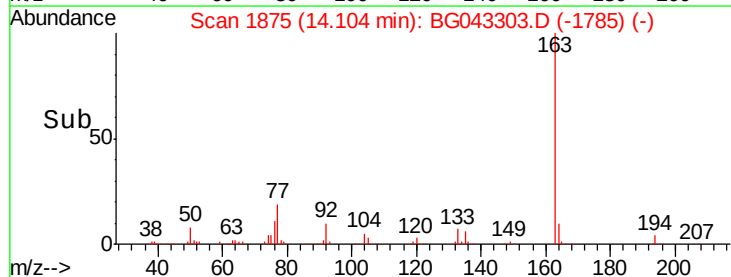
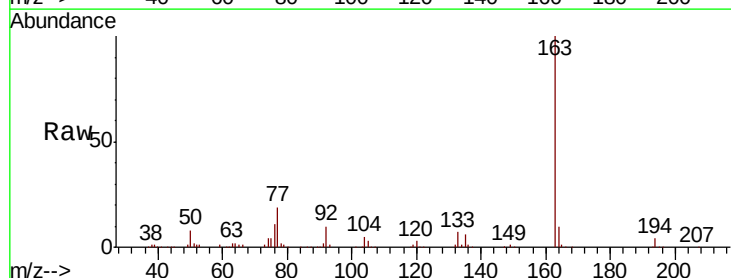
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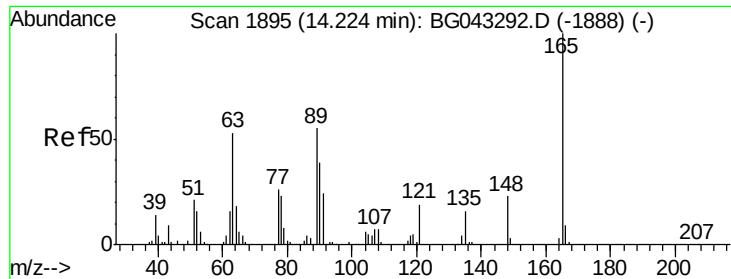
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#50
Dimethylphthalate
Concen: 39.122 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	290648		
194	4.3		3.7	5.5
164	10.0		8.1	12.1





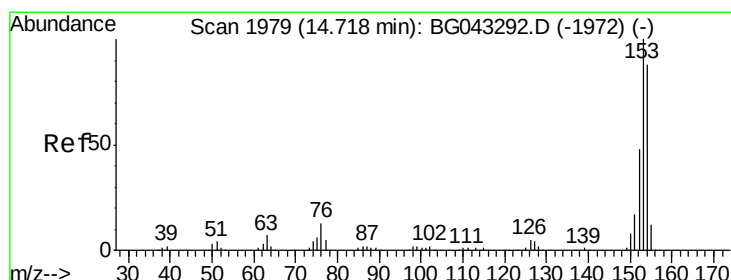
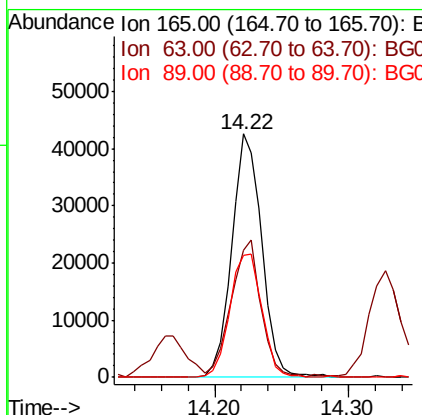
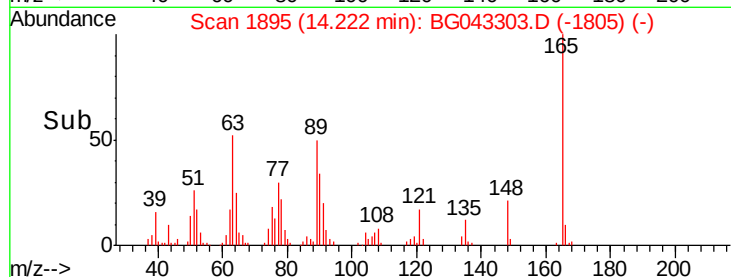
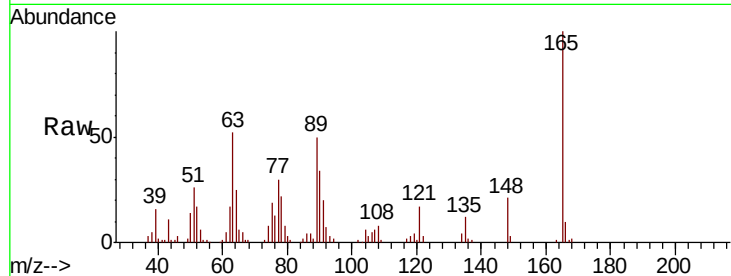
#51
 2,6-Dinitrotoluene
 Concen: 41.125 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	66375		
63	52.5		47.1	70.7
89	50.1		43.7	65.5

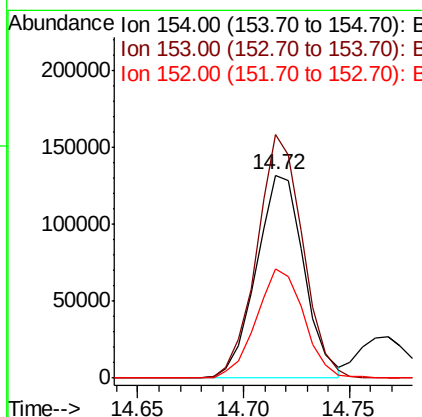
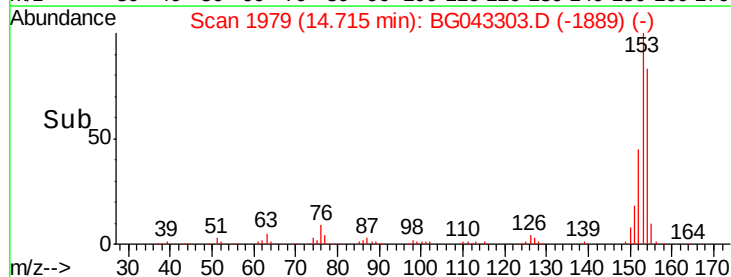
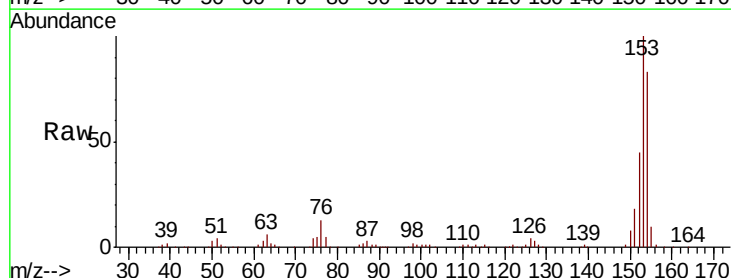
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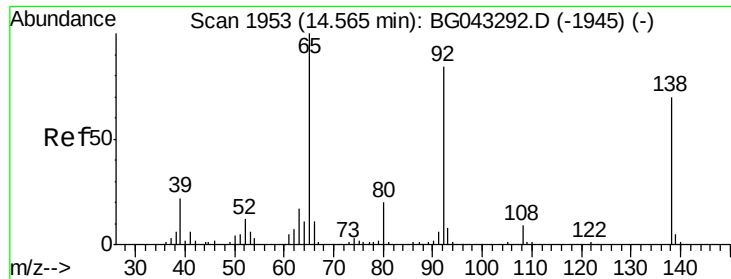
mohammad
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#52
 Acenaphthene
 Concen: 39.226 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	206695		
153	119.9		90.9	136.3
152	53.8		43.9	65.9





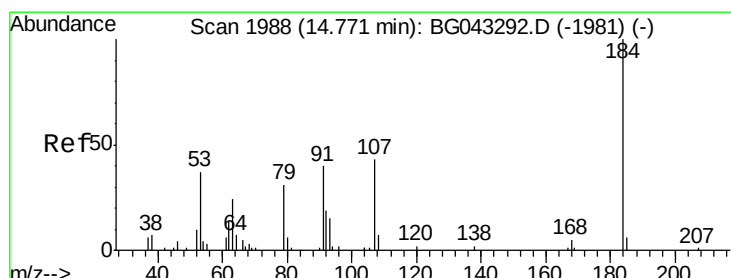
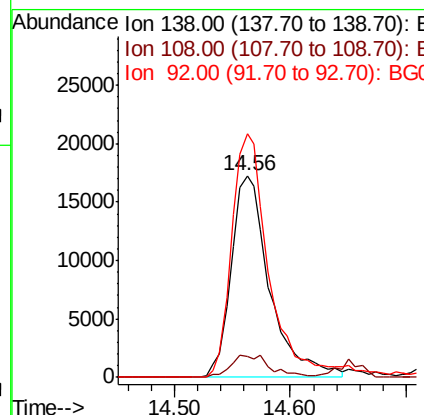
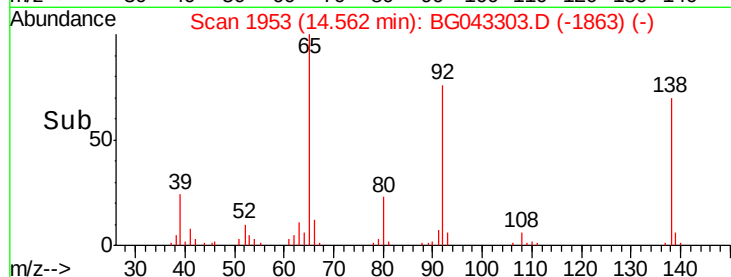
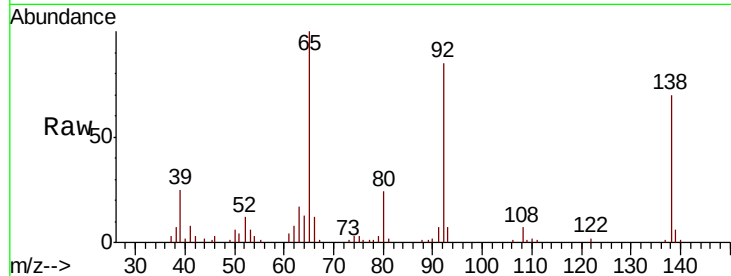
#53
3-Nitroaniline
Concen: 25.536 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	120.7	95.8	143.6

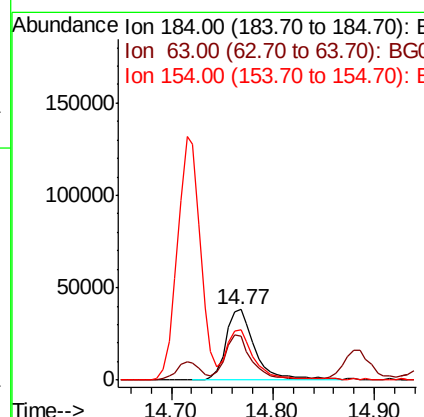
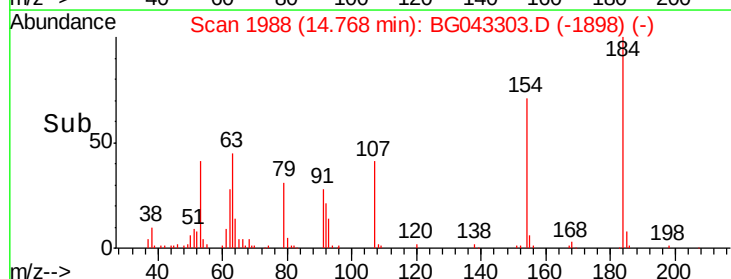
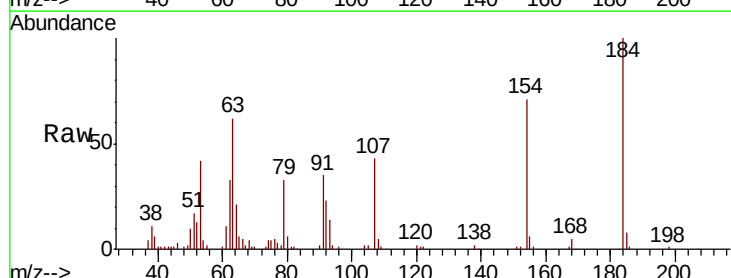
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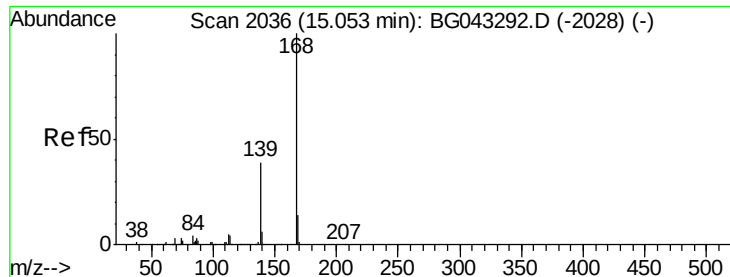
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.723 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	48.8	73.2
154	71.0	49.4	74.0





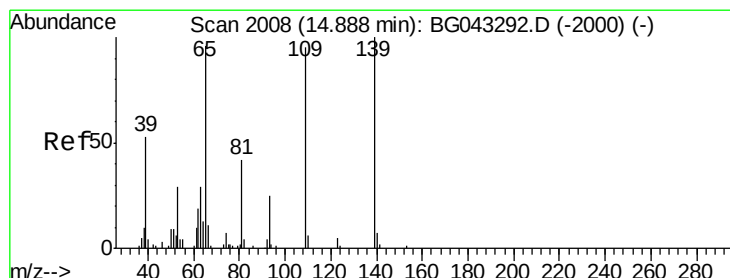
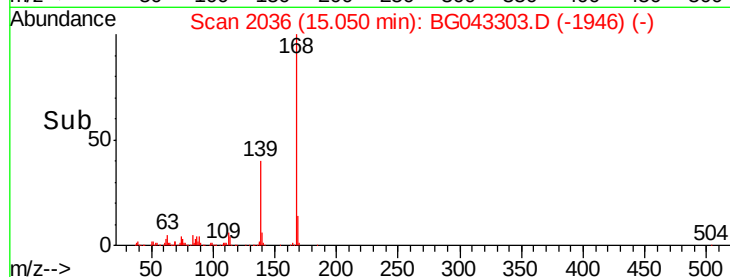
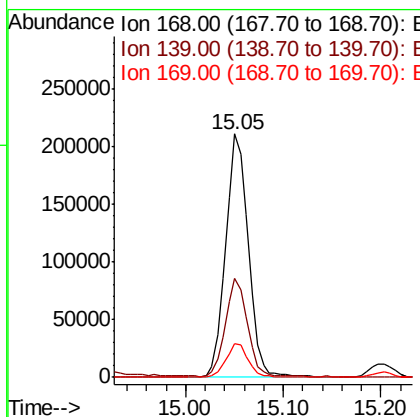
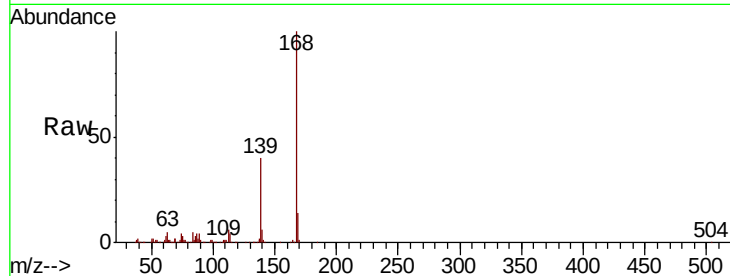
#55
Dibenzenofuran
Concen: 39.764 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.7	47.5
169	14.1	11.0	16.4

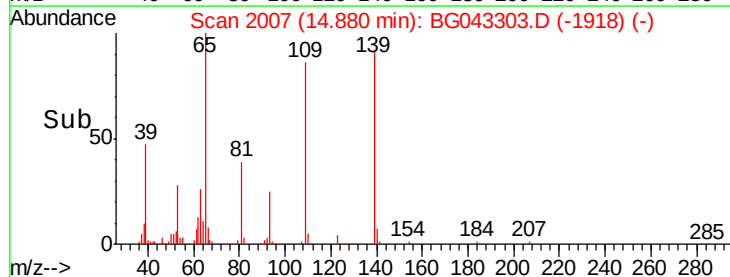
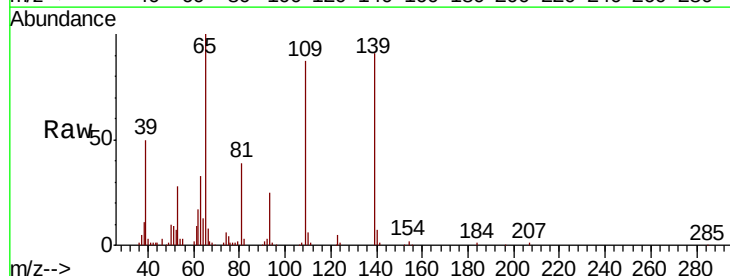
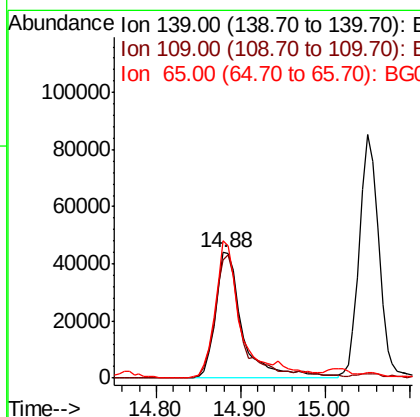
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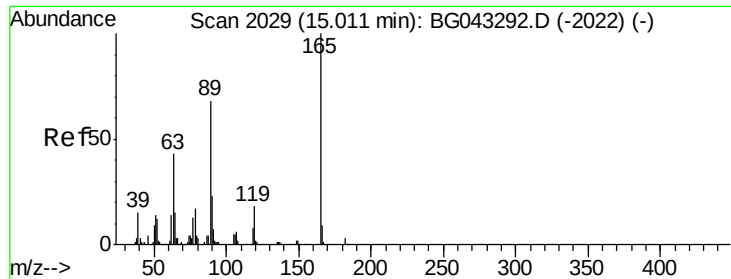
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#56
4-Nitrophenol
Concen: 95.064 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.6	75.4	115.4
65	109.3	76.6	116.6





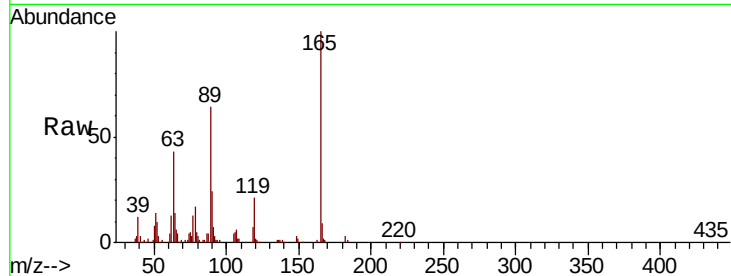
#57
2,4-Dinitrotoluene
Concen: 40.890 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

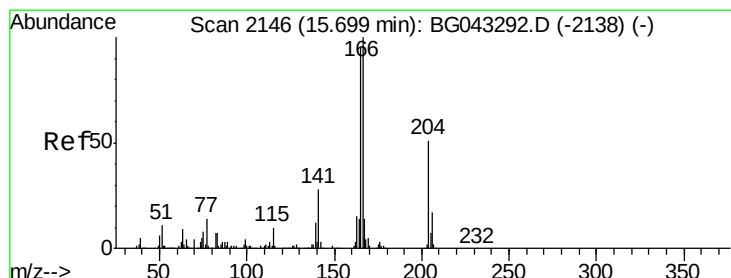
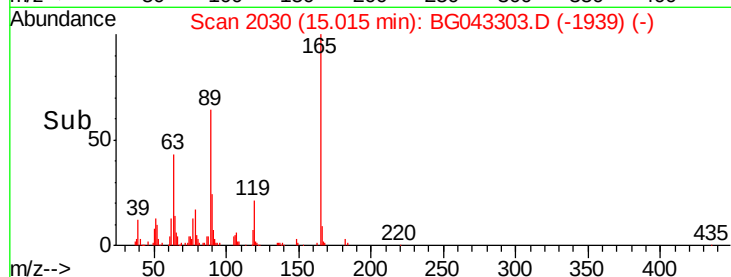
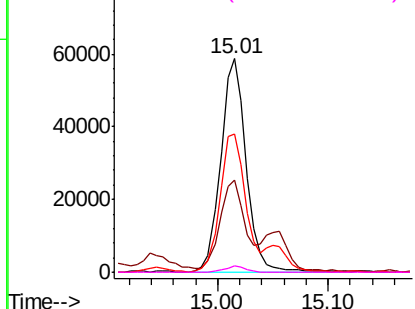
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	43.3		35.0	52.6	
89	64.5		54.1	81.1	
182	2.8		2.2	3.2	

Manual Integrations
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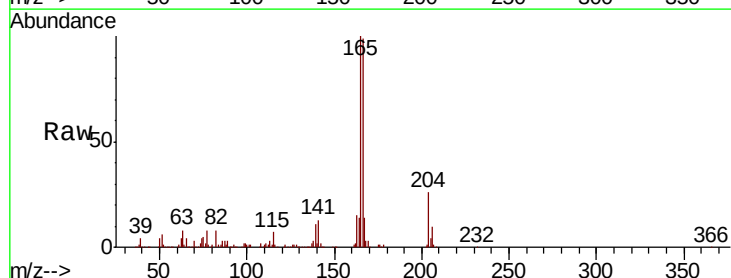


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

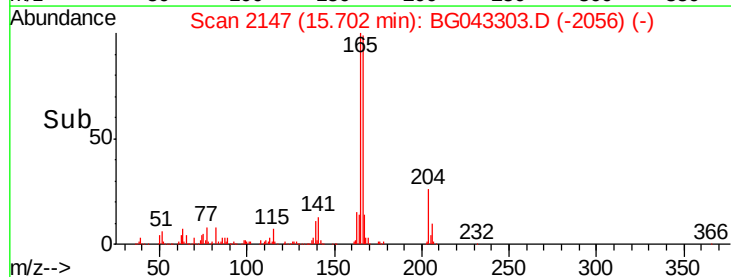
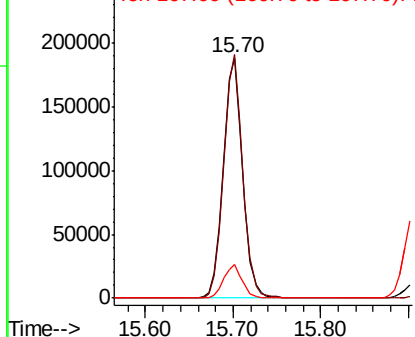


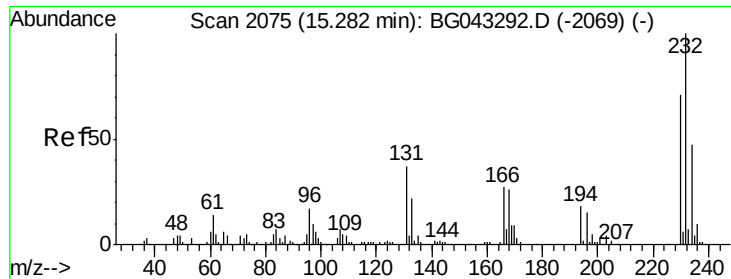
#58
Fluorene
Concen: 40.309 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.4		76.4	114.6	
167	14.0		11.1	16.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





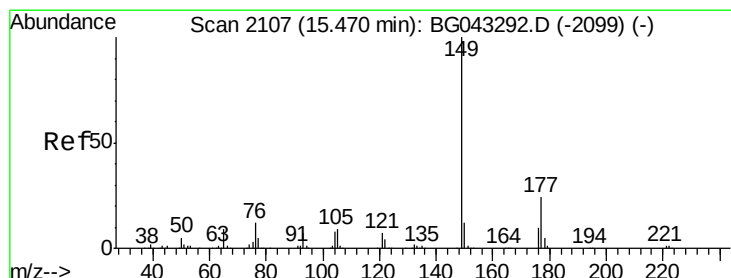
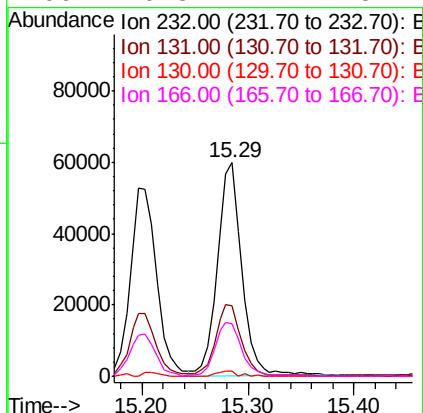
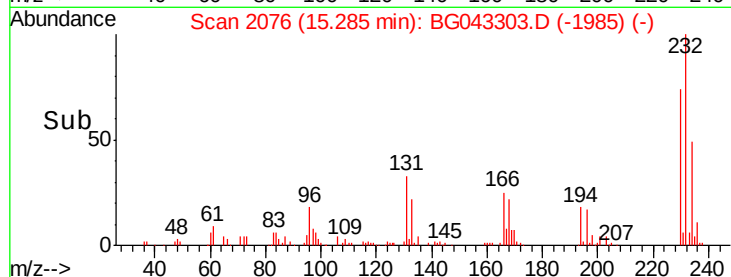
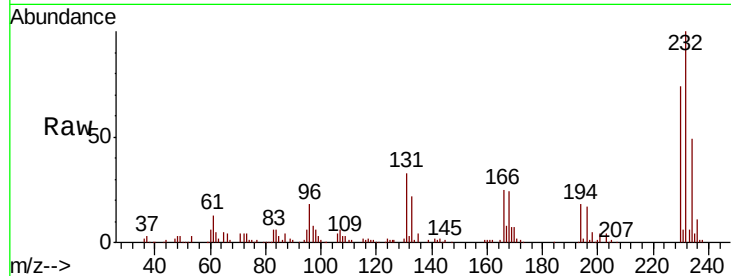
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.065 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.9	28.7	43.1
130	2.2	0.6	0.8
166	26.3	21.1	31.7

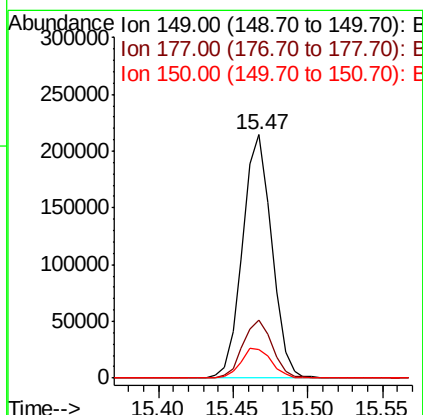
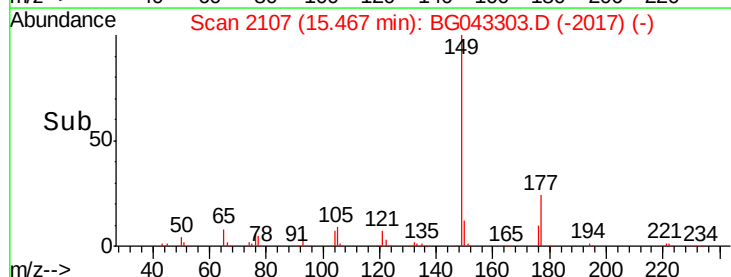
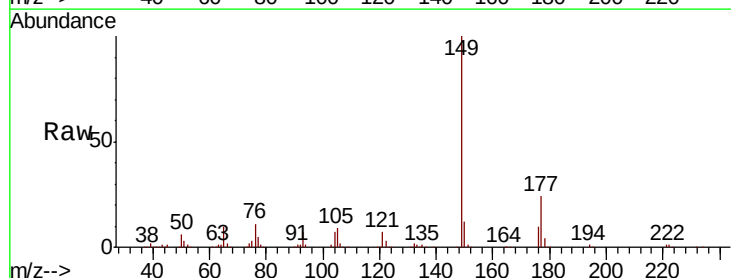
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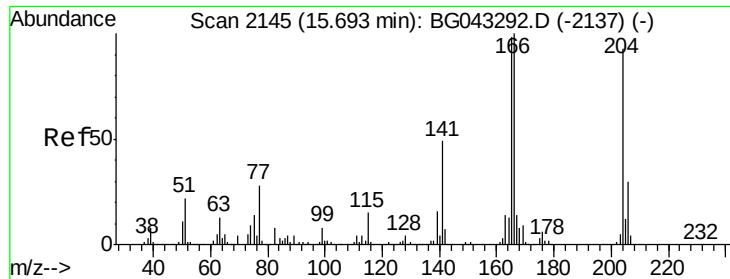
mohammad
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#60
 Diethylphthalate
 Concen: 38.986 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.4
150	11.9	9.4	14.0





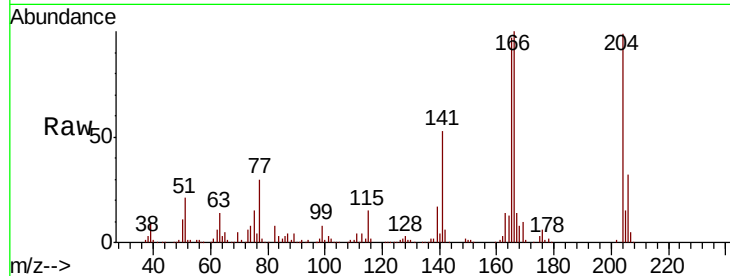
#61
4-Chlorophenyl-phenylether
Concen: 39.266 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.7	38.5
141	53.5	42.3	63.5

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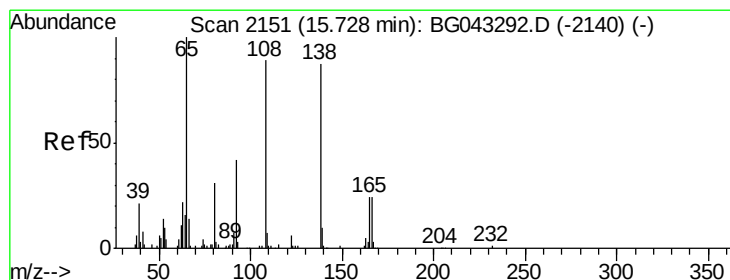
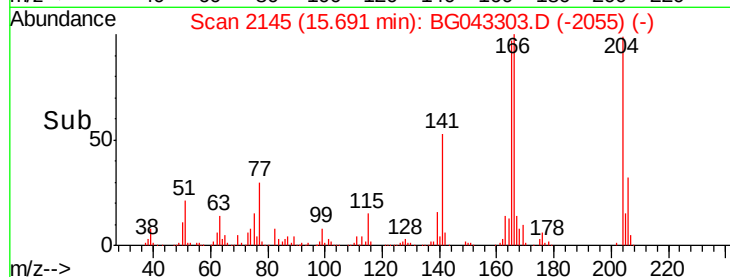
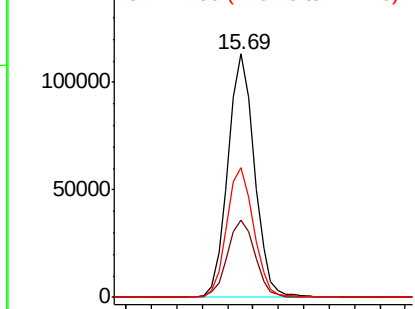


Abundance

Ion 204.00 (203.70 to 204.70): E

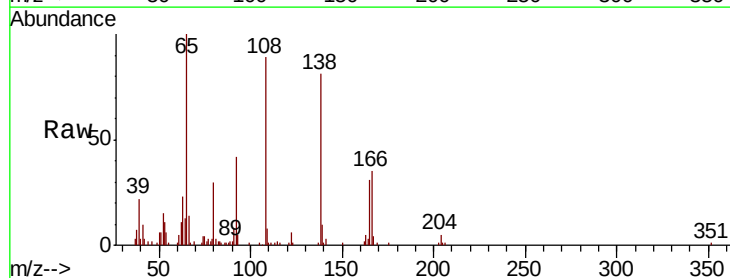
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.540 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	28.8	68.8
108	109.5	82.7	122.7

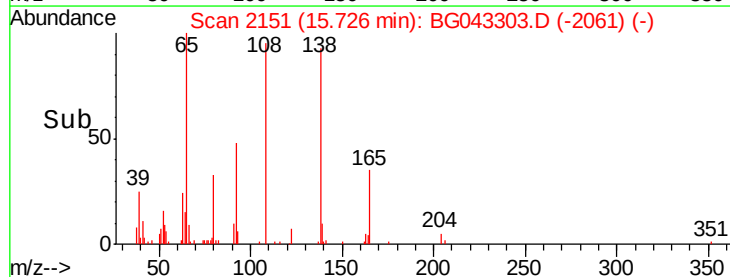
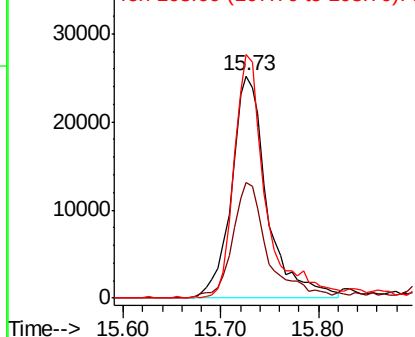


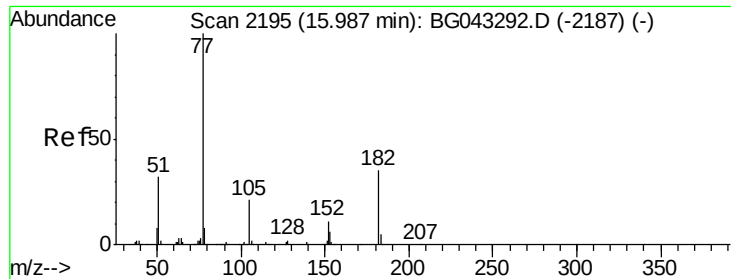
Abundance

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





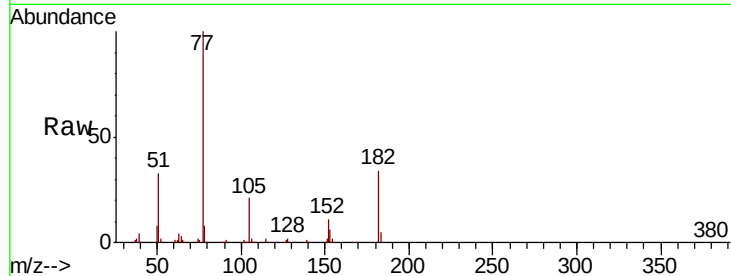
#63
Azobenzene
Concen: 40.679 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		245760		
182	34.1	14.9	54.9		
105	20.7	0.6	40.6		
51	33.1	12.5	52.5		

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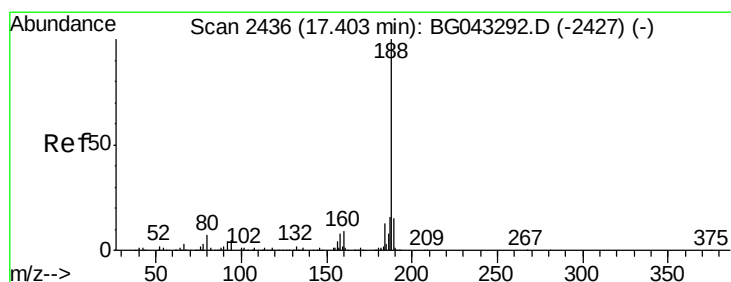
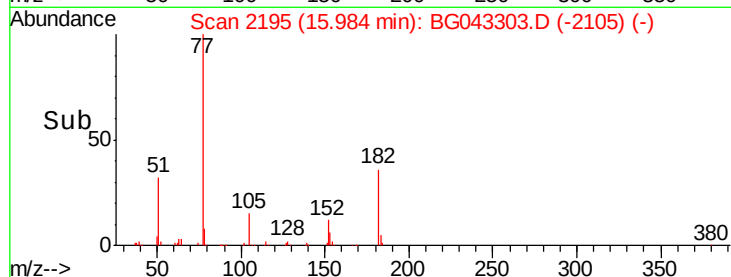
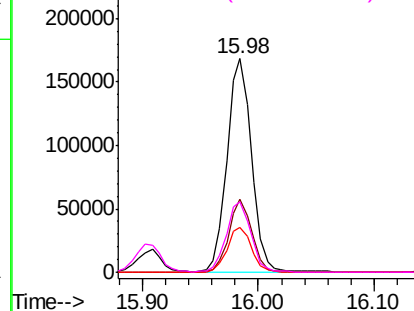
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

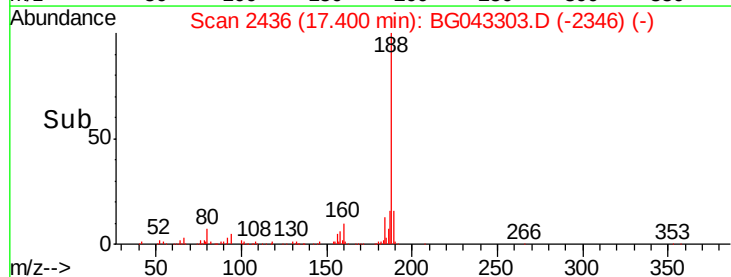
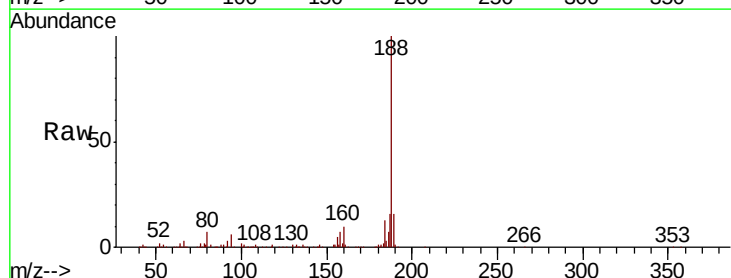
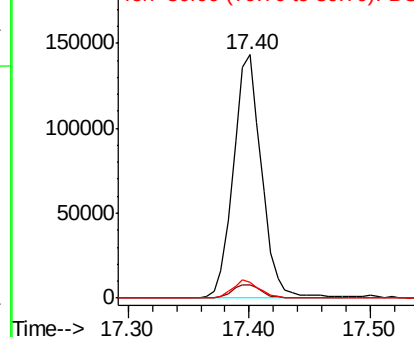
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		232726		
94	5.6	4.2	6.2		
80	6.6	5.2	7.8		

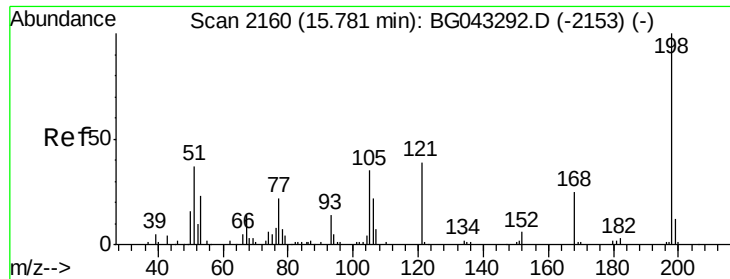
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.745 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

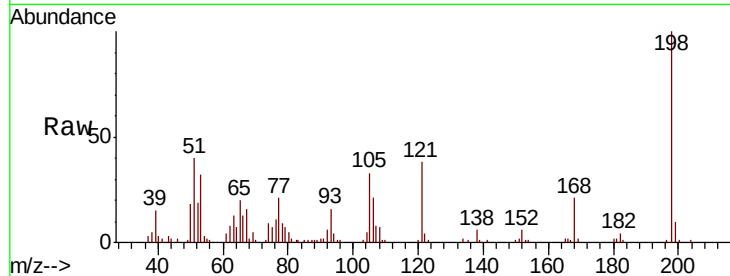
ClientSampleId :

PB123887BS

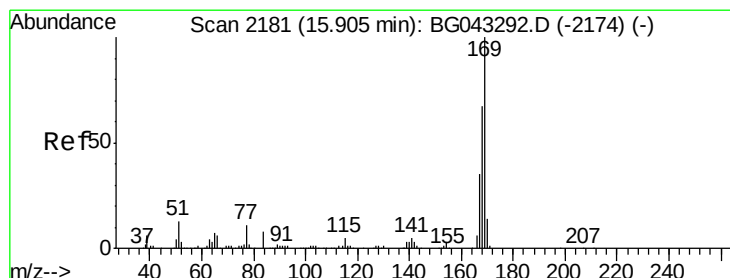
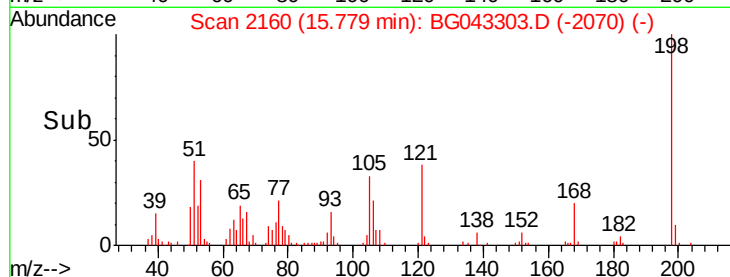
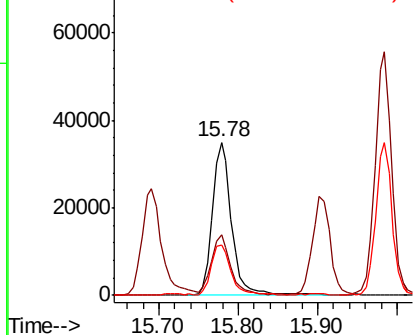
Tot Ion:	198	Resp:	58544
Ion Ratio	Lower	Upper	
198	100		
51	40.0	21.4	61.4
105	33.2	16.5	56.5

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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: 39.201 ng

RT: 15.91 min Scan# 2182

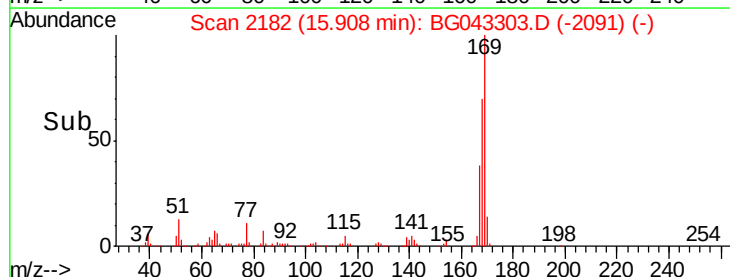
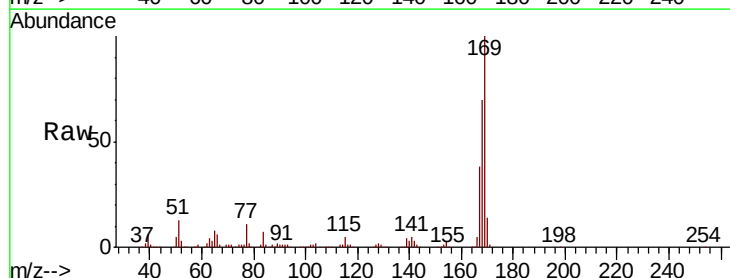
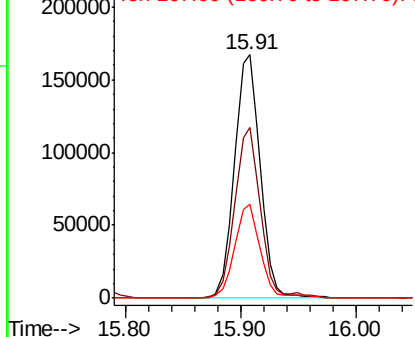
Delta R.T. 0.00 min

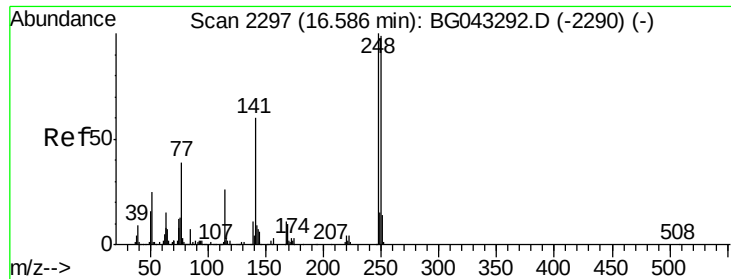
Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	169	Resp:	257571
Ion Ratio	Lower	Upper	
169	100		
168	70.1	53.9	80.9
167	38.3	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





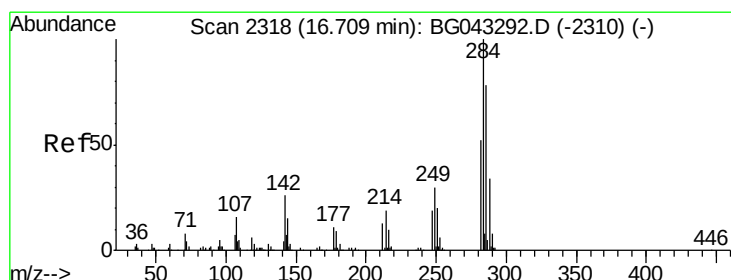
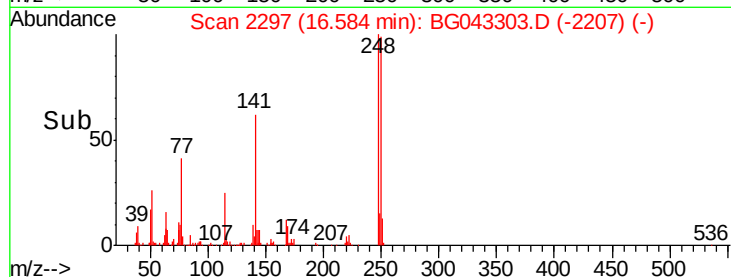
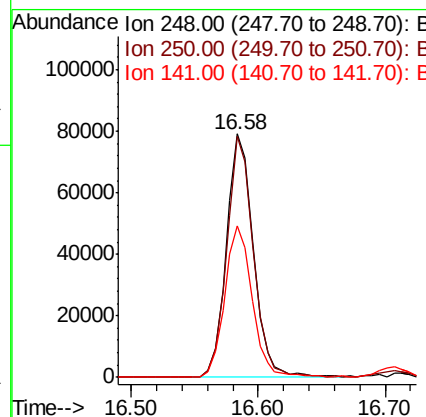
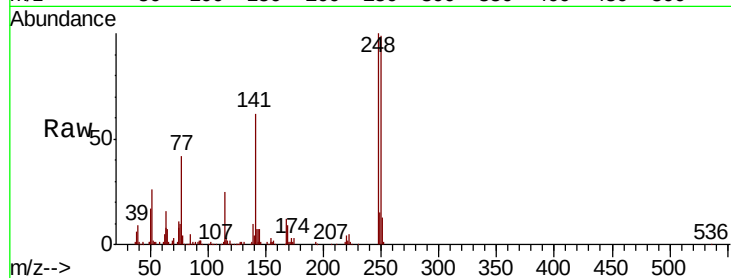
#67
4-Bromophenyl-phenylether
Concen: 37.231 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.3	118.9
141	62.1	47.9	71.9

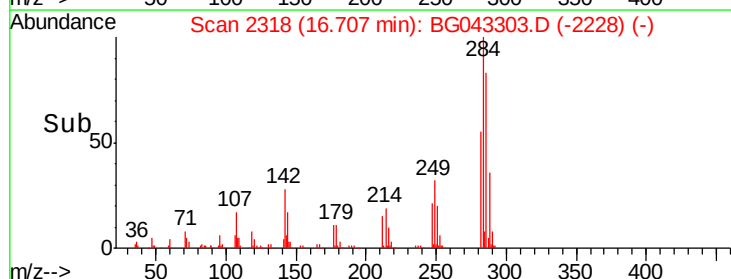
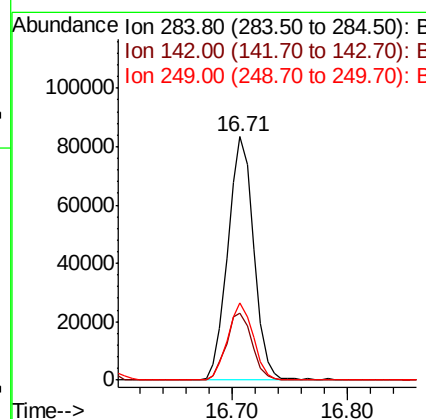
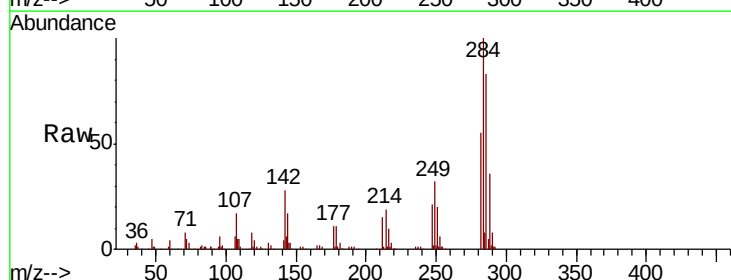
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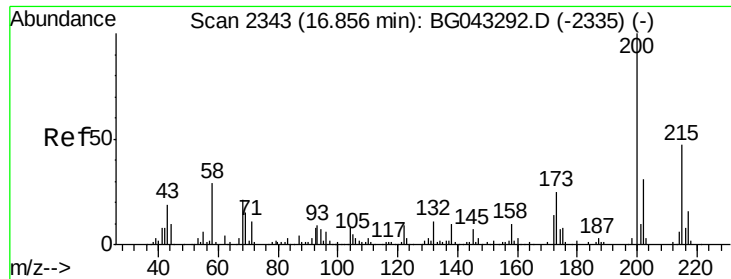
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#68
Hexachlorobenzene
Concen: 35.894 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.1	31.7
249	31.5	24.4	36.6





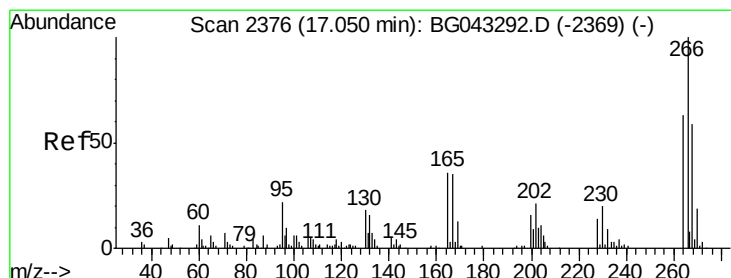
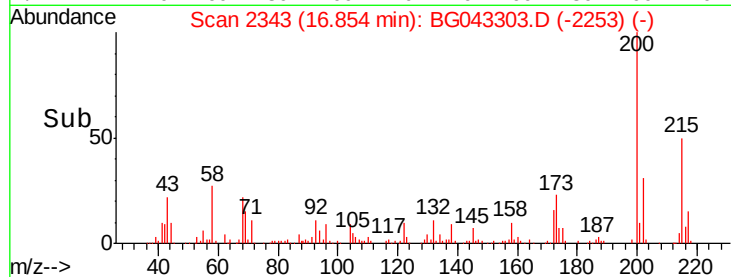
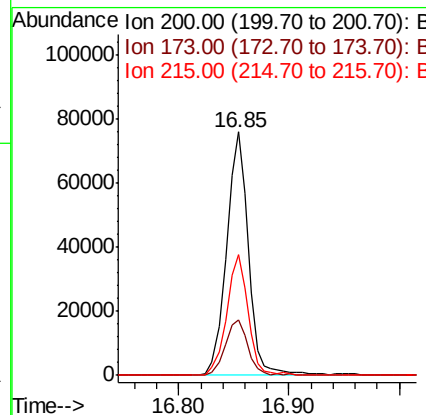
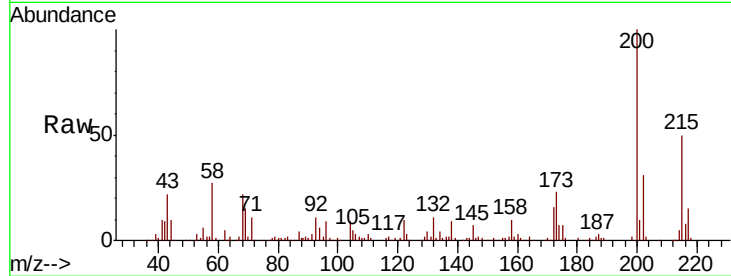
#69
 Atrazine
 Concen: 45.975 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleID :
 PB123887BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	104964		
173	23.0	5.1	45.1	
215	49.6	26.6	66.6	

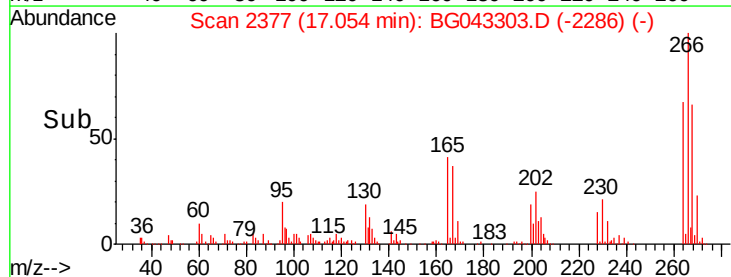
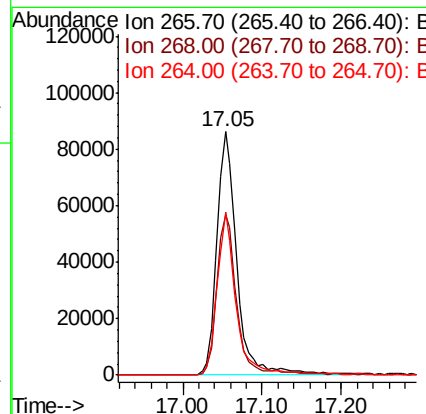
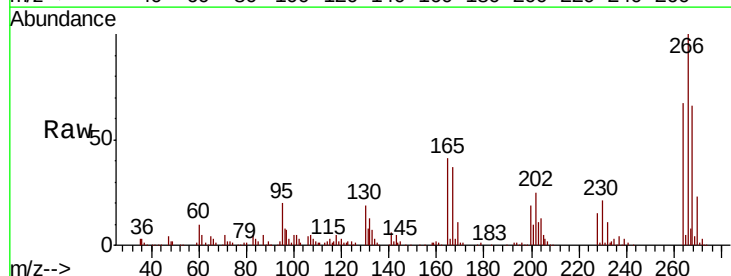
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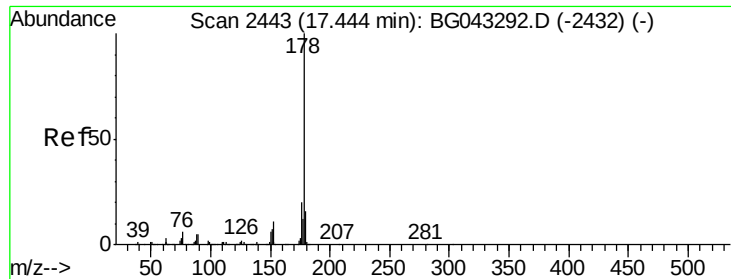
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#70
 Pentachlorophenol
 Concen: 92.082 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	150845		
268	65.7	47.1	70.7	
264	67.1	50.4	75.6	





#71

Phenanthrene

Concen: 40.129 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

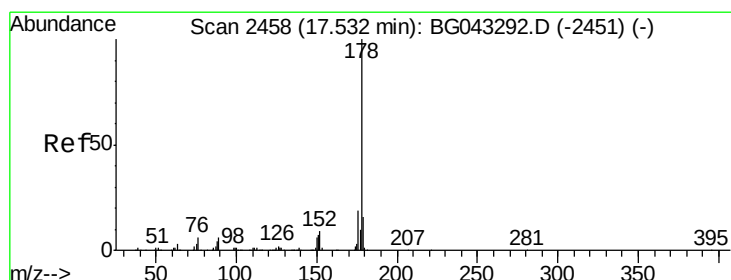
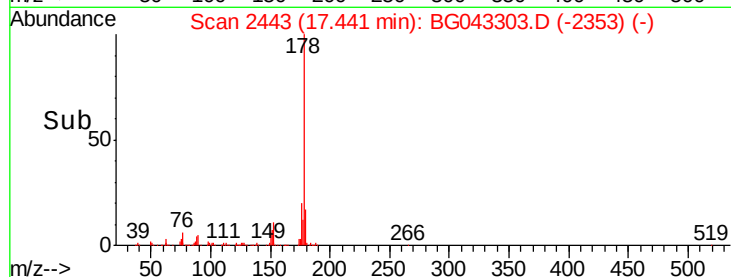
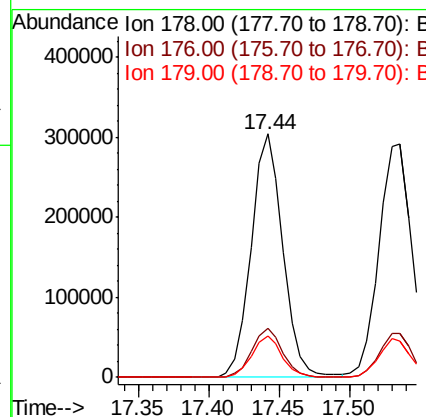
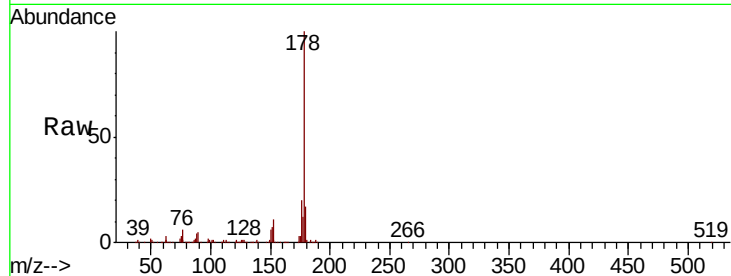
ClientSampleId :

PB123887BS

Tot Ion:178	Resp:	478229
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.8 23.8
179	17.2	13.1 19.7

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#72

Anthracene

Concen: 40.603 ng

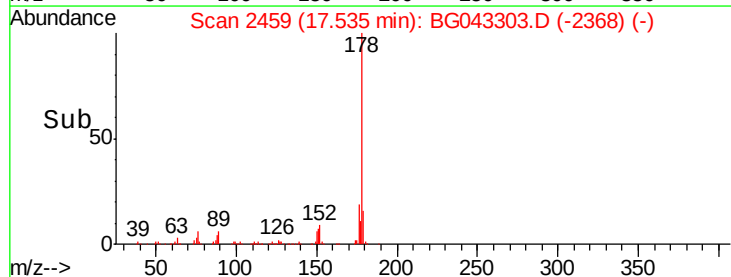
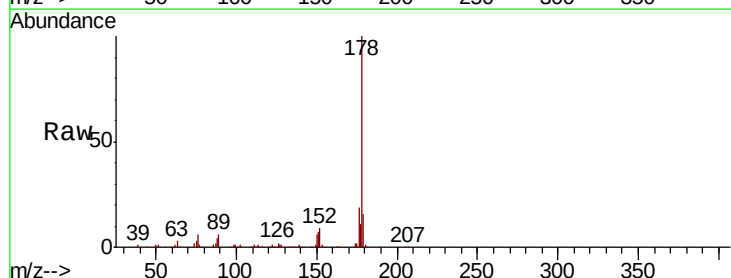
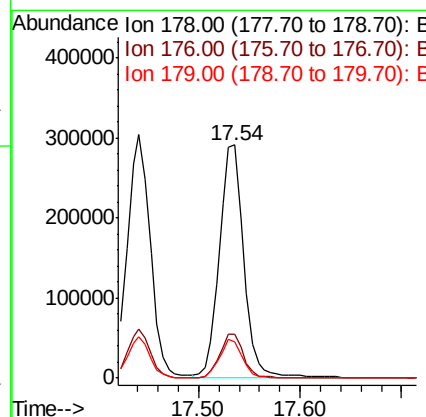
RT: 17.54 min Scan# 2459

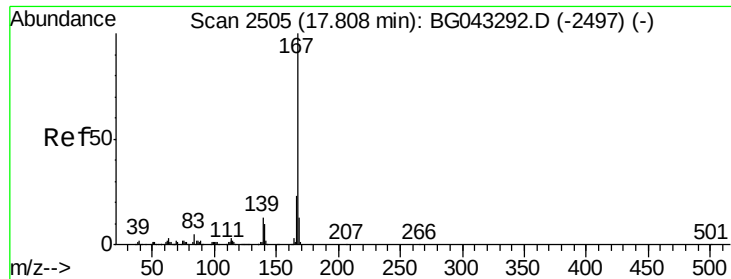
Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:178	Resp:	484126
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.1 22.7
179	15.8	13.0 19.6





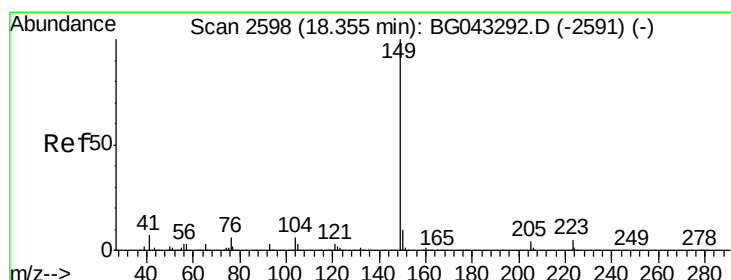
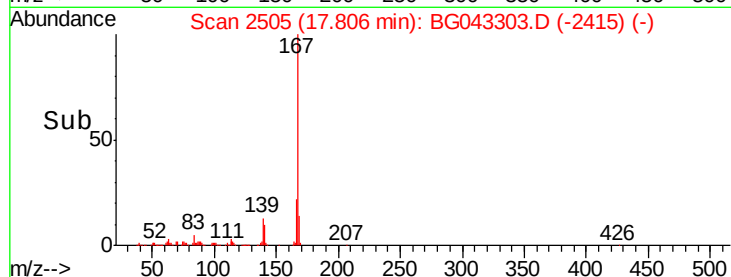
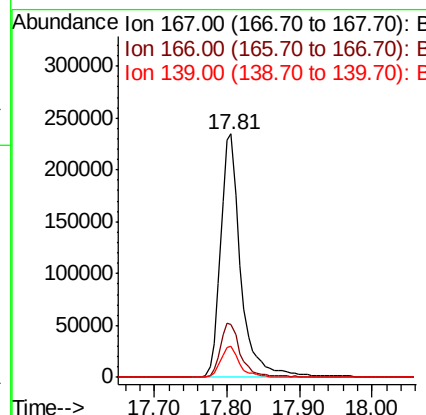
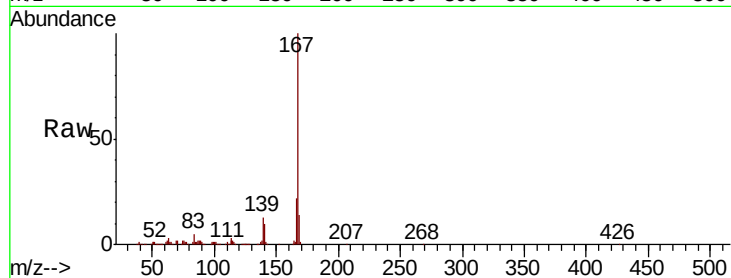
#73
 Carbazole
 Concen: 42.049 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	12.9	10.2	15.4

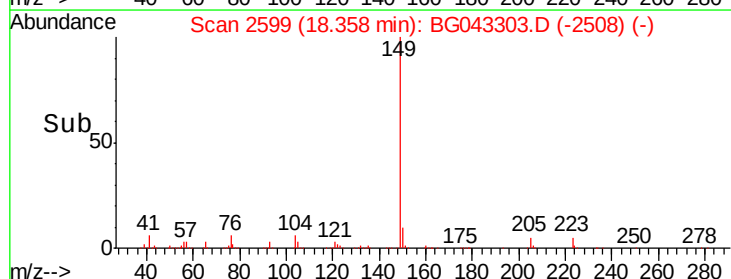
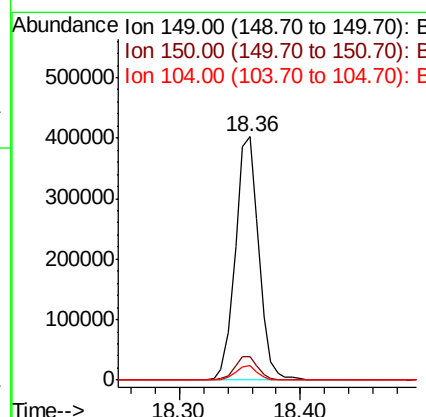
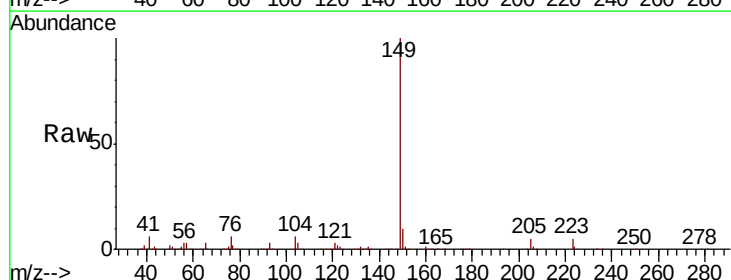
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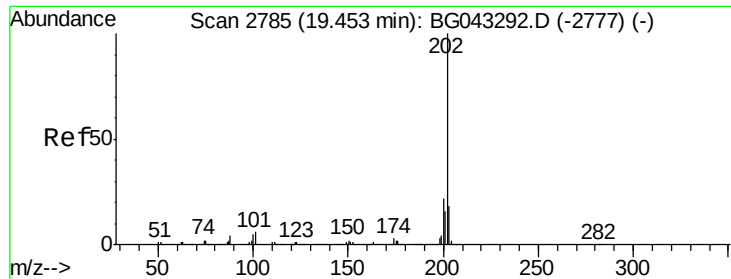
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#74
 Di-n-butylphthalate
 Concen: 41.396 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 43.400 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

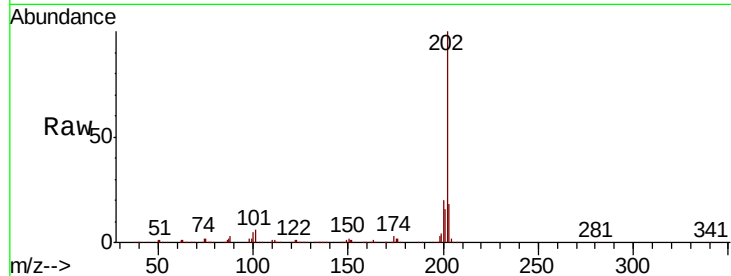
ClientSampleId :

PB123887BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	674286		
101	6.1	0.0	26.0	
203	17.6	0.0	38.2	

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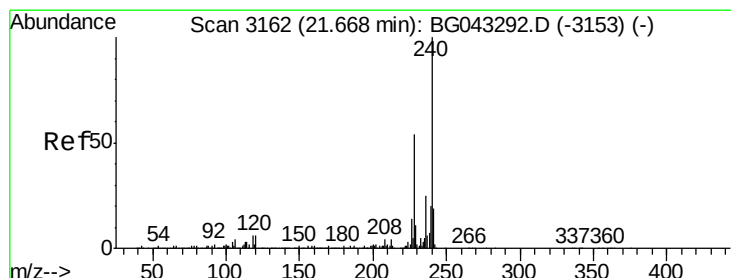
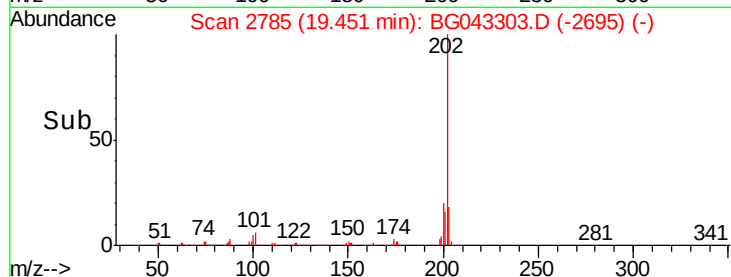
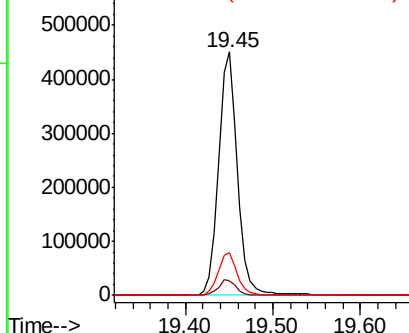


Abundance

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

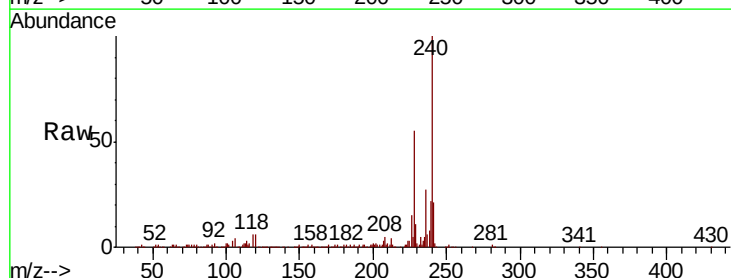
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	289124		
120	5.9	4.6	7.0	
236	26.5	20.2	30.4	

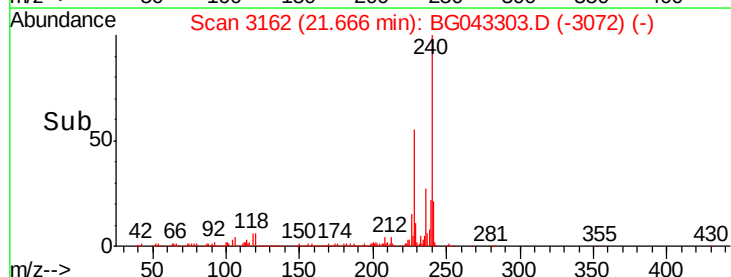
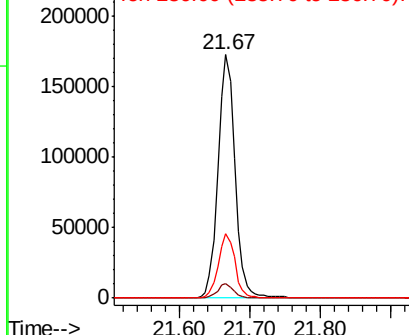


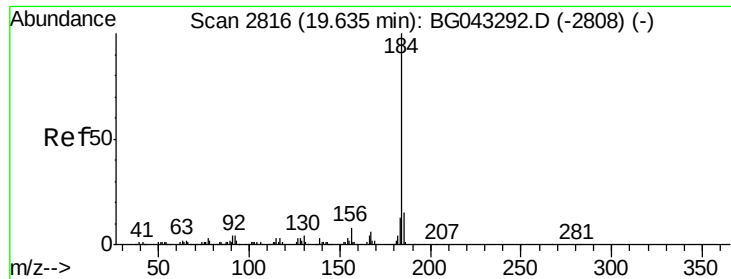
Abundance

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: 49.905 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

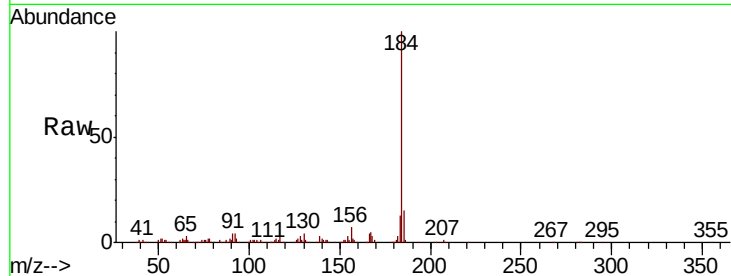
ClientSampleId :

PB123887BS

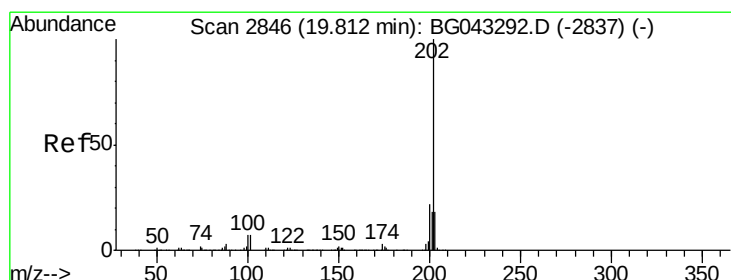
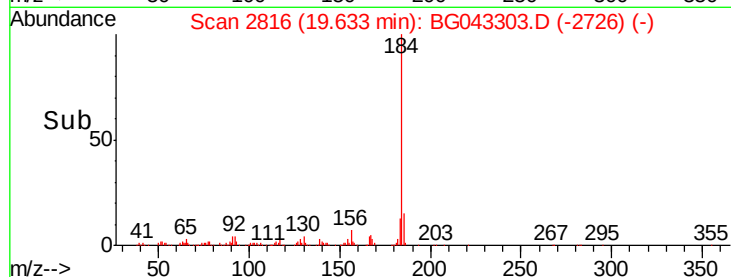
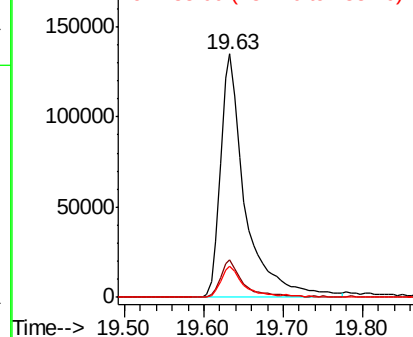
Tot Ion:	184	Resp:	290381
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.6
183	12.7	10.6	16.0

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



#78

Pyrene

Concen: 38.536 ng

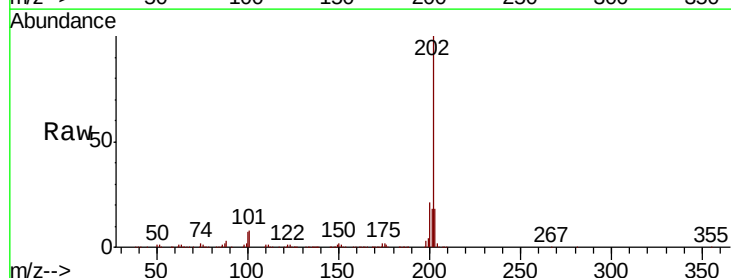
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

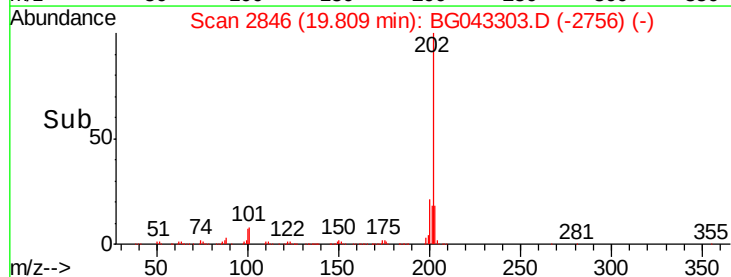
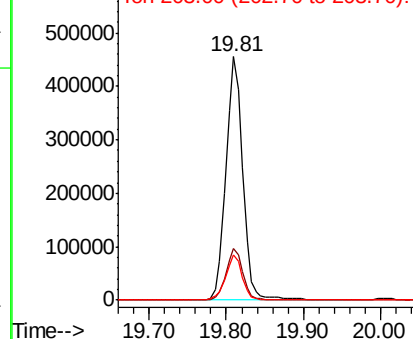
Lab File: BG043303.D

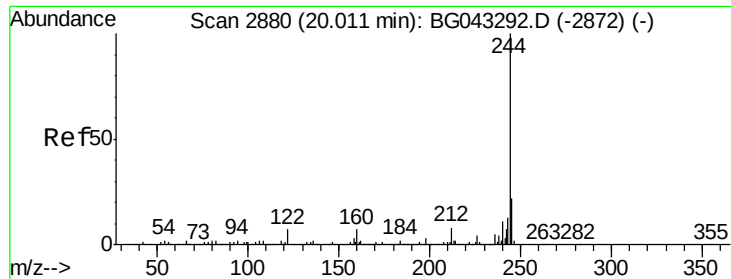
Acq: 22 Oct 2019 12:27

Tgt Ion:	202	Resp:	689664
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.3	25.9
203	18.5	14.5	21.7



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





#79

Terphenyl-d14

Concen: 65.315 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

Tot Ion:244 Resp: 1006590

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

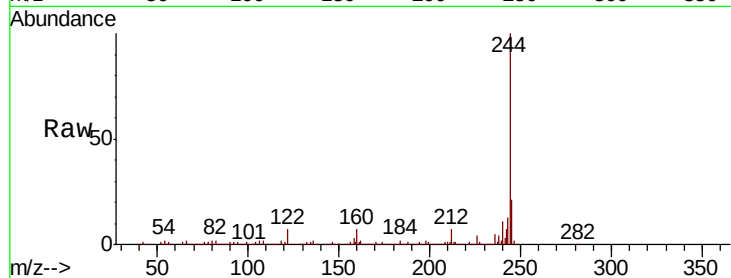
122 6.7 5.3 7.9

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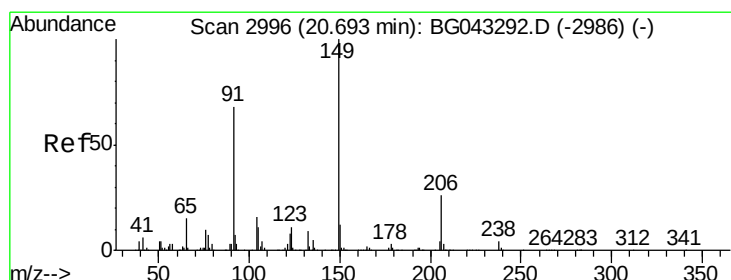
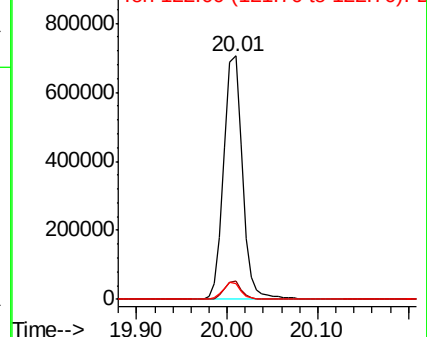
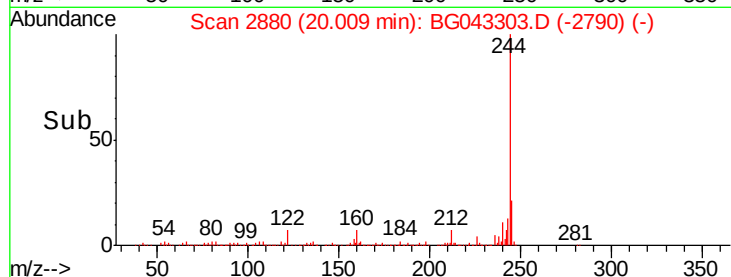
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.290 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

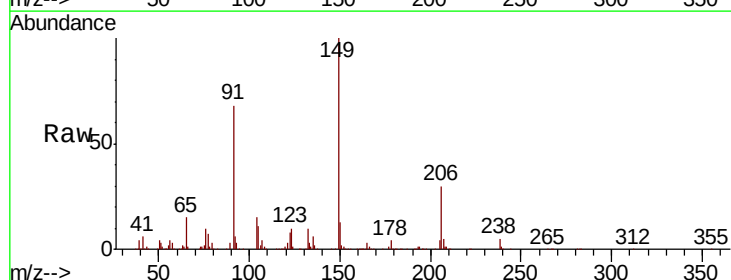
Tgt Ion:149 Resp: 259619

Ion Ratio Lower Upper

149 100

91 68.2 54.6 82.0

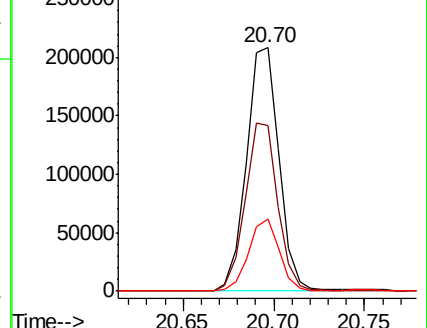
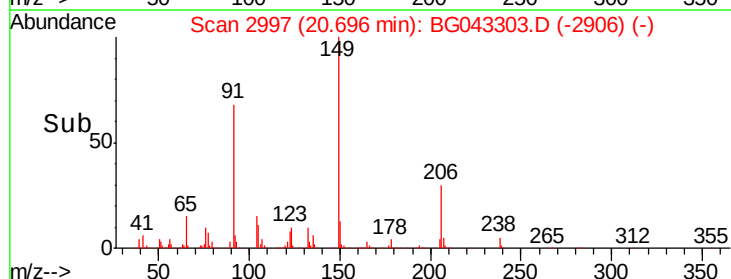
206 29.5 20.5 30.7

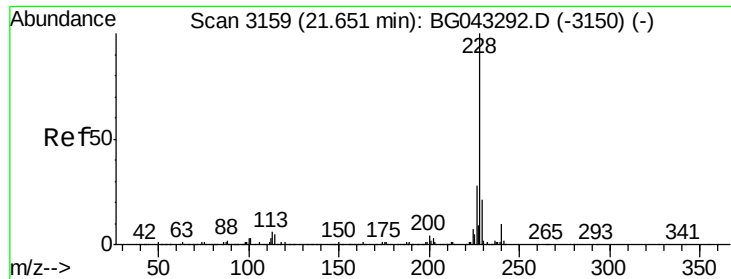


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





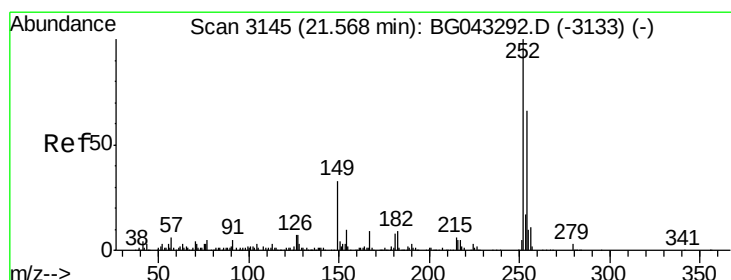
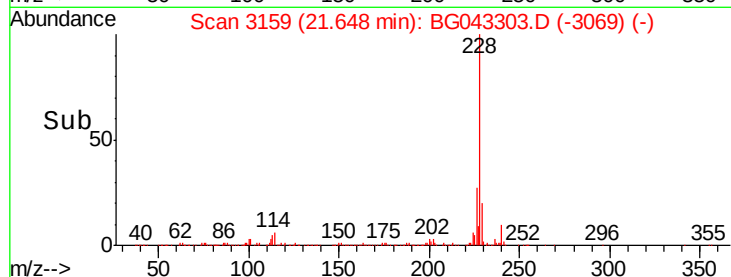
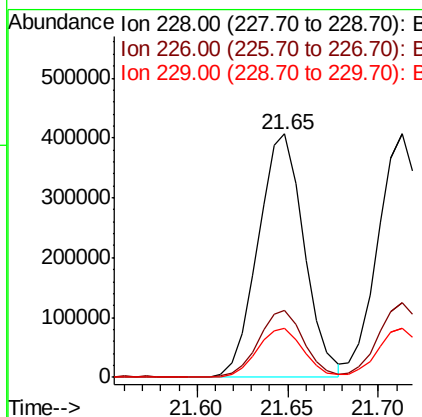
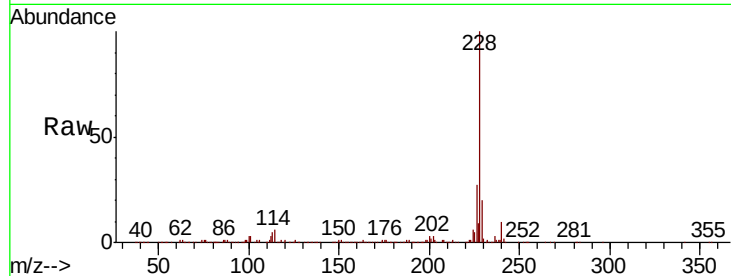
#81
Benzo(a)anthracene
Concen: 39.681 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampled :
PB123887BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.0	16.9	25.3

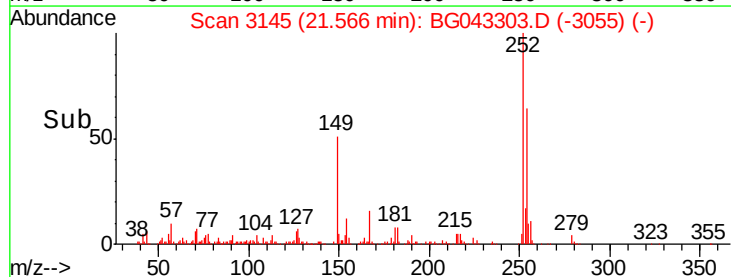
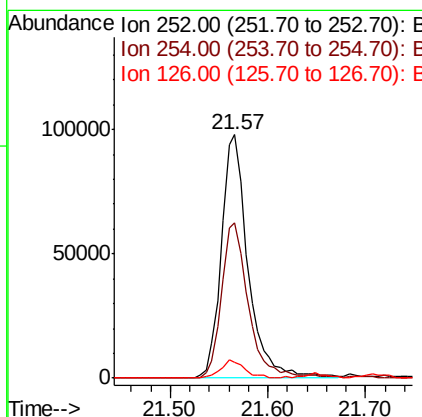
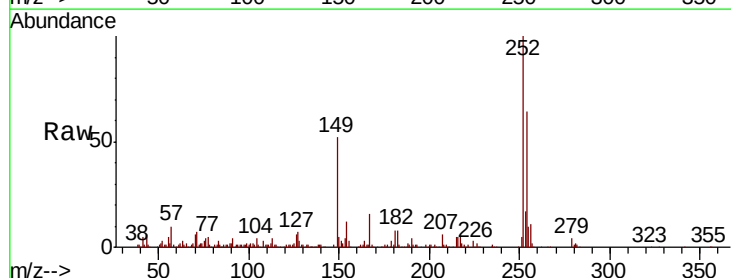
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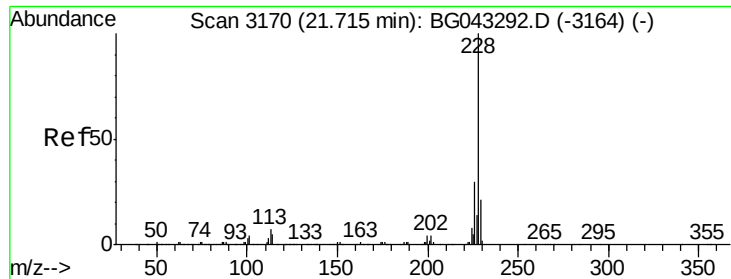
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 26.618 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.7	79.1
126	6.2	5.6	8.4





#83

Chrysene

Concen: 40.252 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

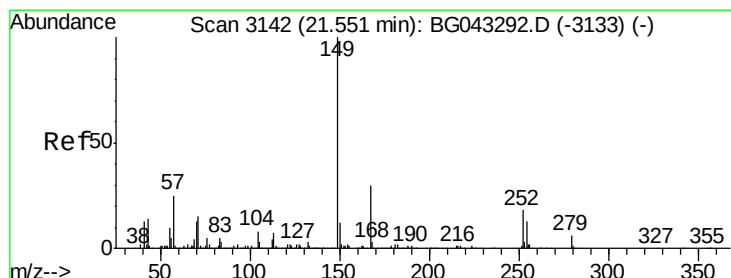
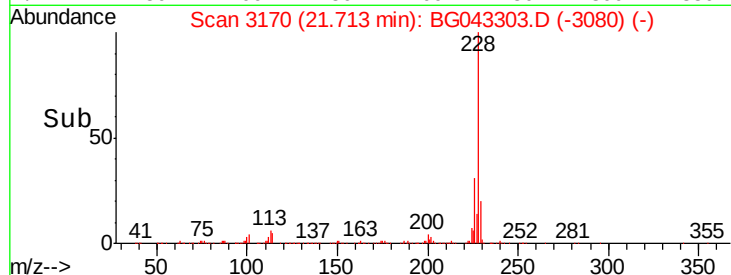
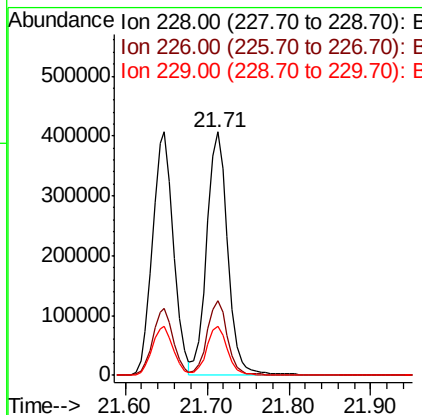
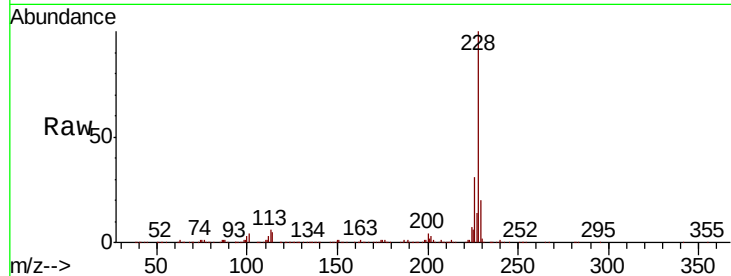
ClientSampleId :

PB123887BS

Tot Ion:	228	Resp:	724306
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.8	35.8
229	20.4	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.976 ng

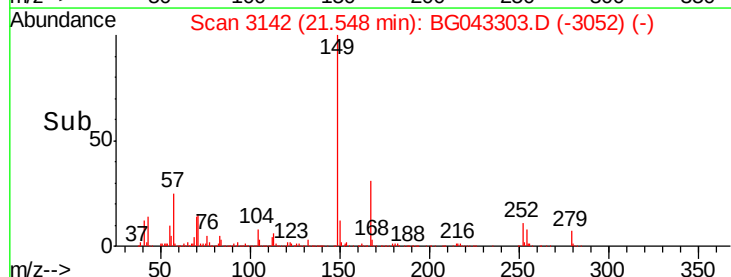
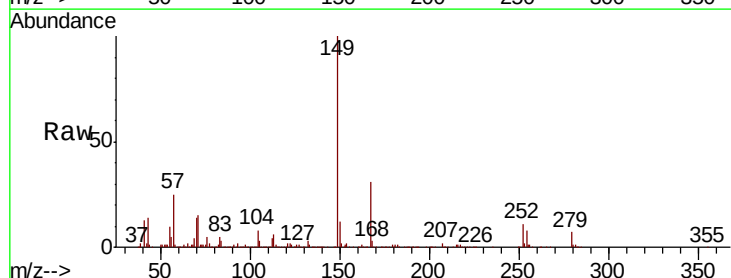
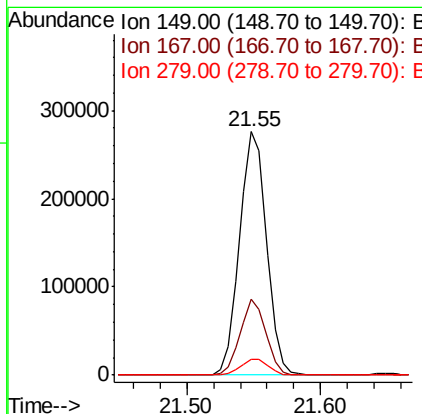
RT: 21.55 min Scan# 3142

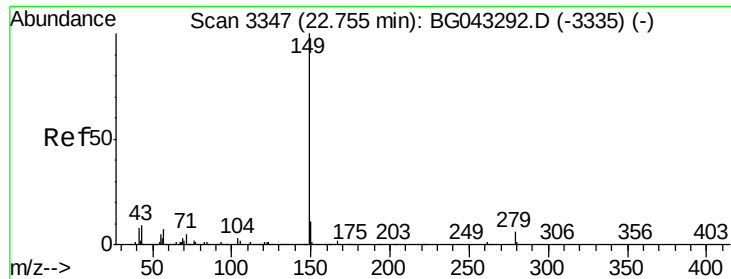
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	149	Resp:	385027
Ion Ratio	Lower	Upper	
149	100		
167	31.0	23.9	35.9
279	6.7	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 39.994 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

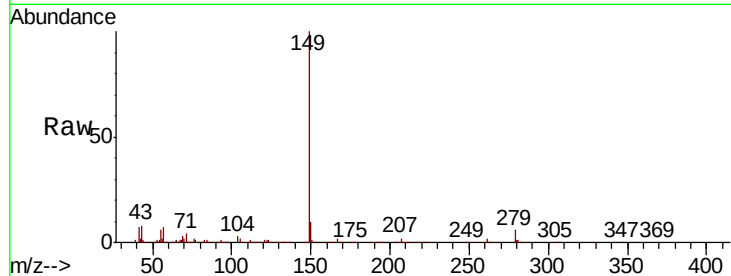
ClientSampleId :

PB123887BS

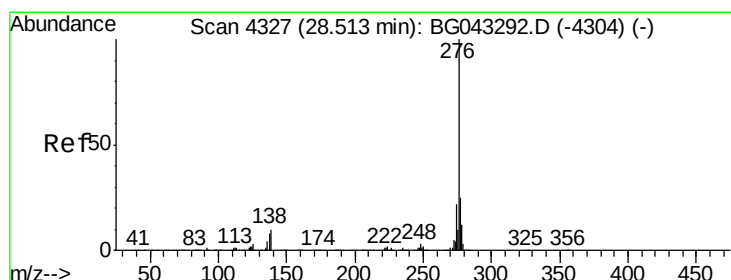
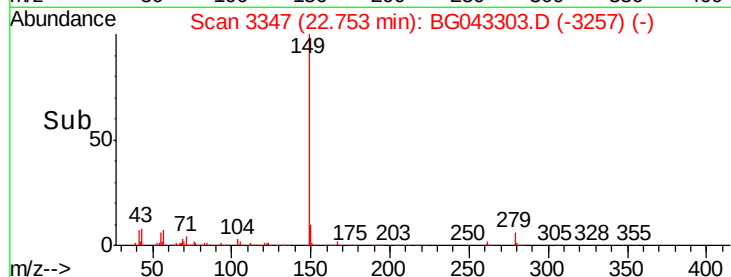
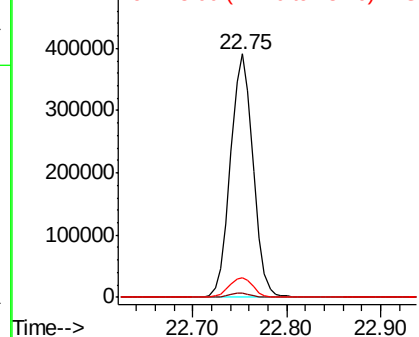
Tot Ion:	149	Resp:	653519
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.7	6.9	10.3

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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: 40.896 ng

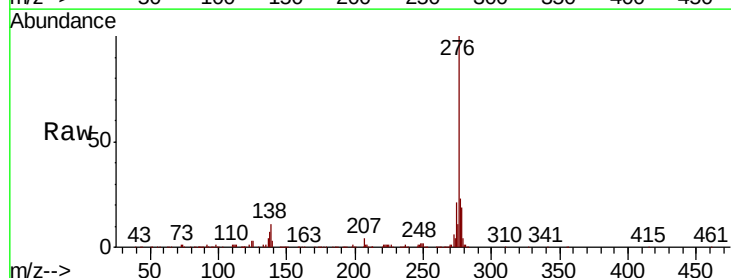
RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

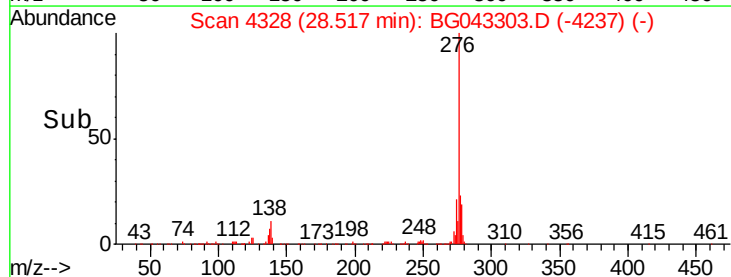
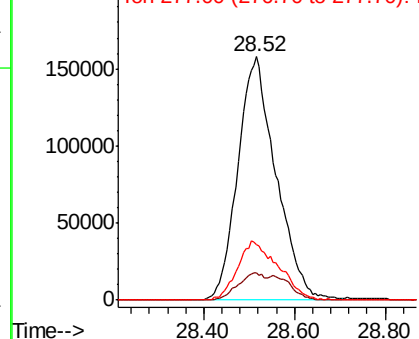
Lab File: BG043303.D

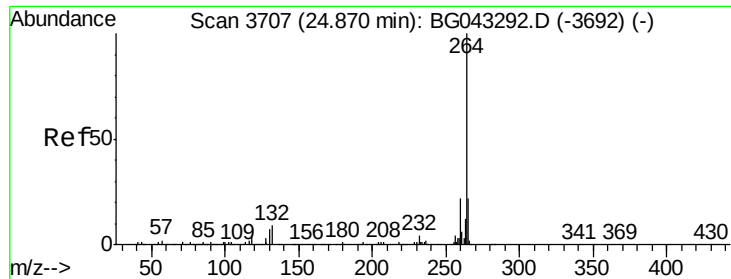
Acq: 22 Oct 2019 12:27

Tgt Ion:	276	Resp:	923730
Ion Ratio	Lower	Upper	
276	100		
138	8.1	7.2	10.8
277	25.9	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





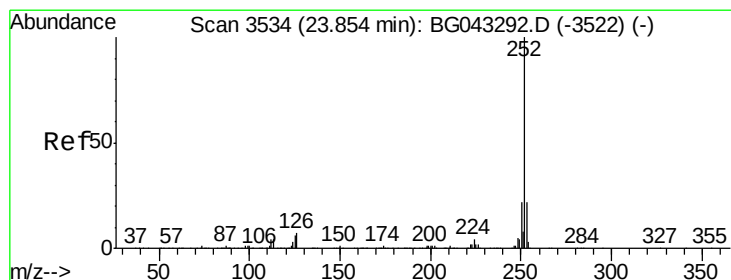
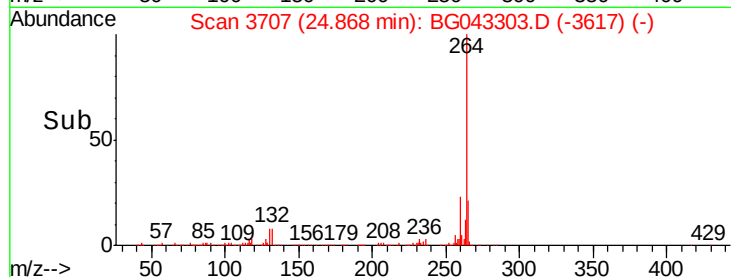
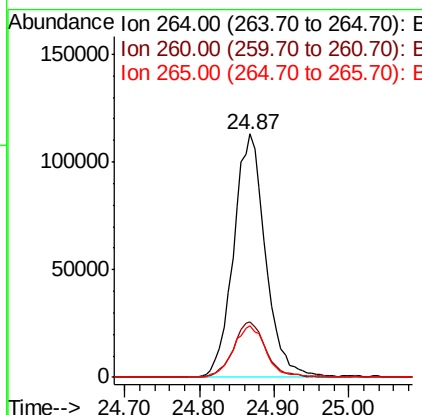
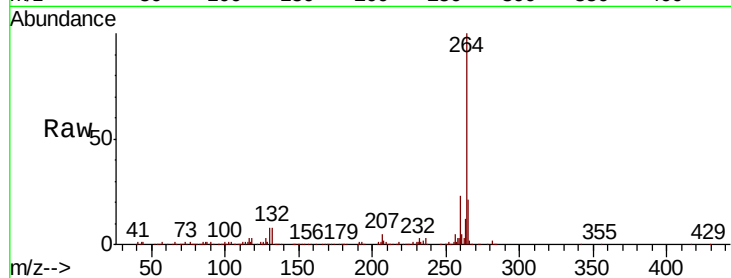
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.3	17.4	26.2

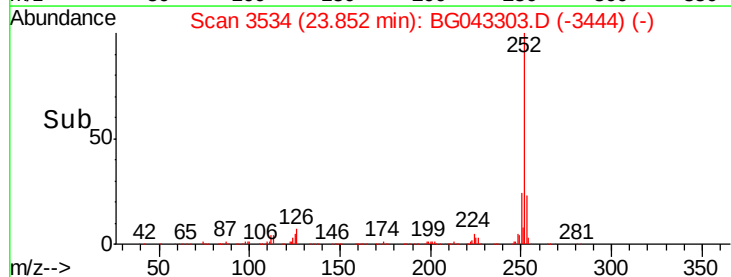
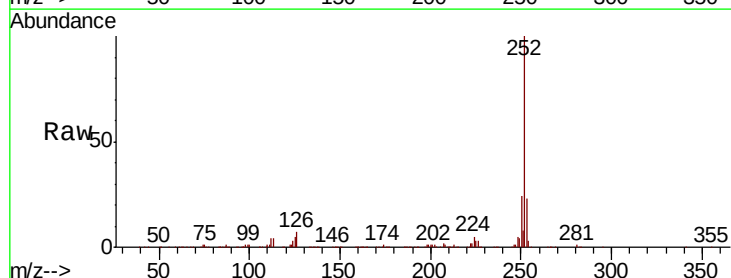
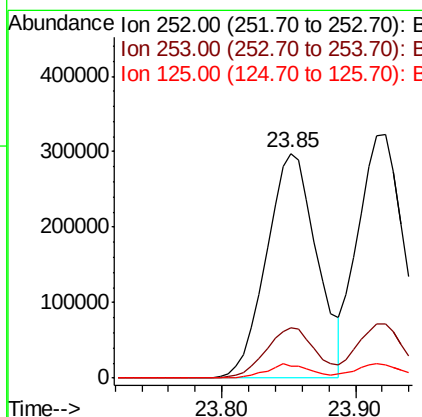
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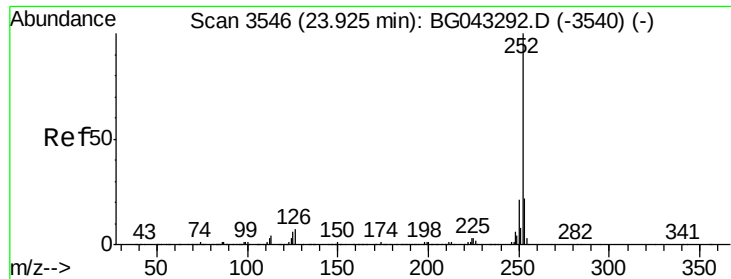
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#88
Benzo(b)fluoranthene
Concen: 41.194 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	5.2	5.0	7.6





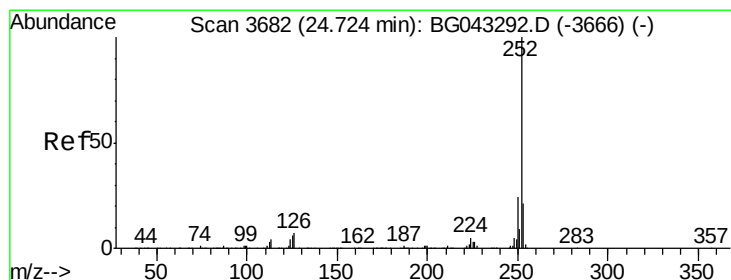
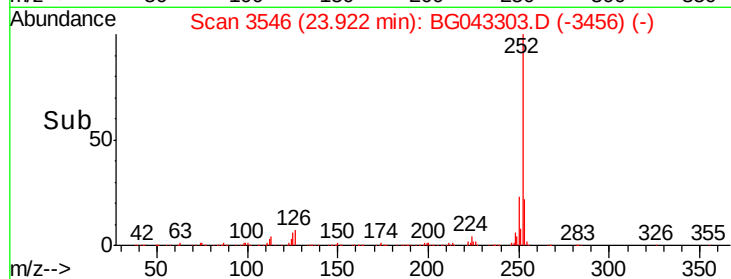
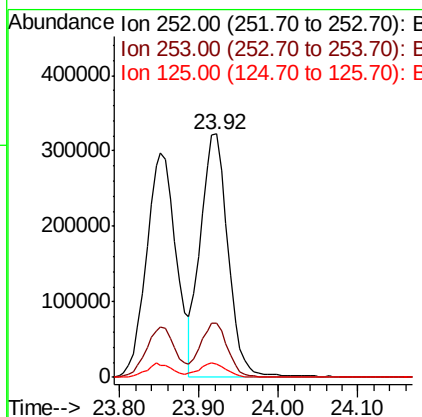
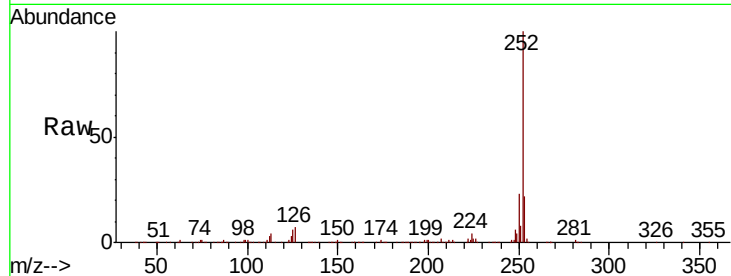
#89
Benzo(k)fluoranthene
Concen: 40.801 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	5.6	4.5	6.7

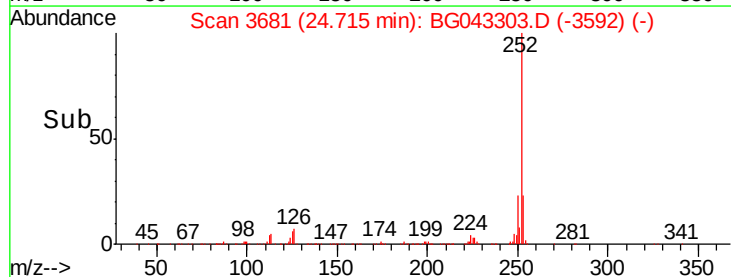
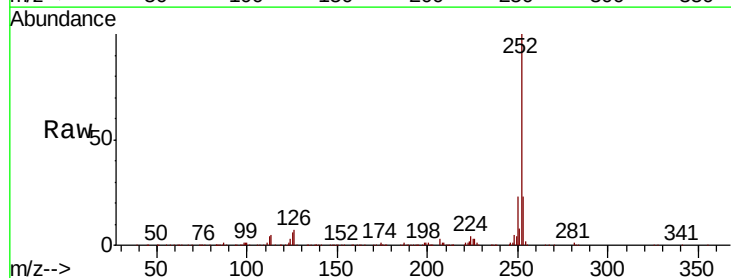
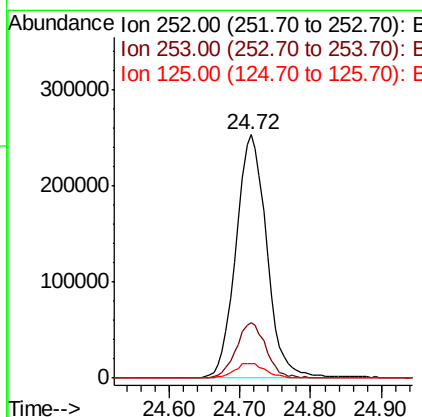
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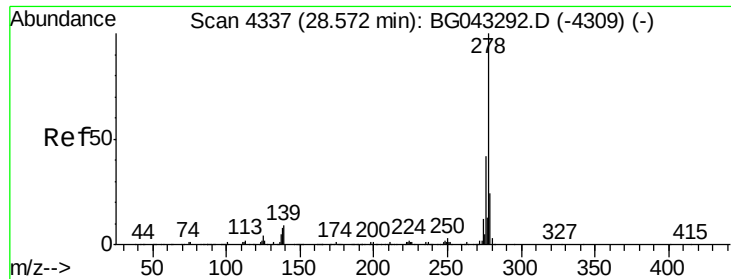
mohammad
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#90
Benzo(a)pyrene
Concen: 42.449 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.0	5.0	7.6





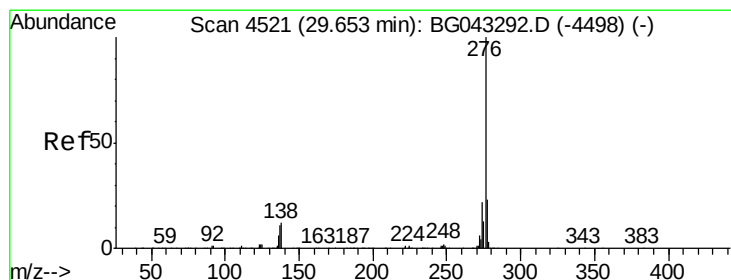
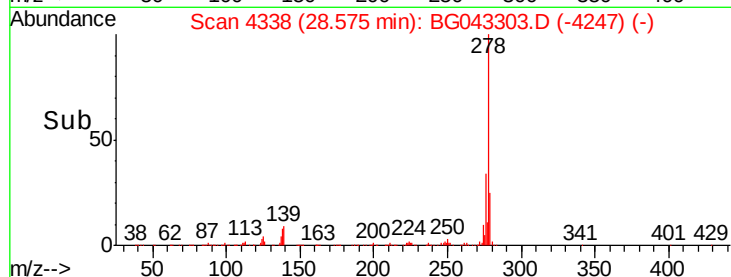
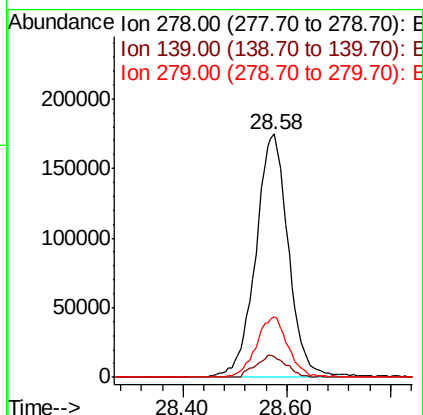
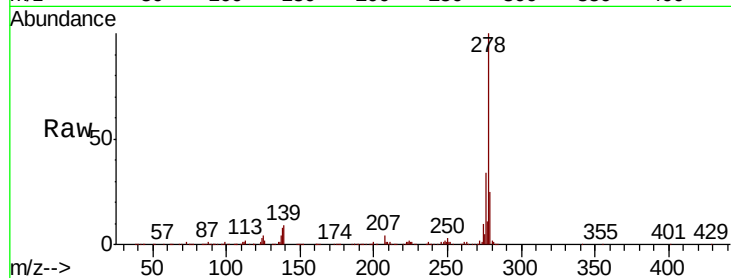
#91
Dibenzo(a,h)anthracene
Concen: 41.285 ng
RT: 28.58 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	24.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/22/2019 10:29:12 PM



#92
Benzo(g,h,i)perylene
Concen: 42.044 ng
RT: 29.66 min Scan# 4522
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	10.6	9.3	13.9

